



MSC-02577

VOLUME I

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

EARTH RESOURCES  
RESEARCH DATA FACILITY  
R & D FILE

VOLUME I  
DOCUMENTARY DATA

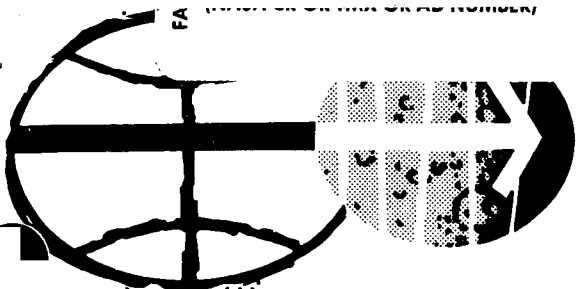
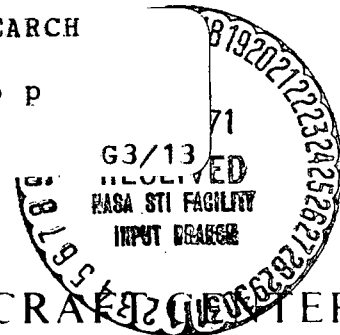
Reproduced from  
best available copy.

(THIS ISSUE SUPERSEDES  
ALL PREVIOUS ISSUES)

N72-13302

(NASA-TM-X-67421) EARTH RESOURCES RESEARCH  
DATA FACILITY R AND D FILE. VOLUME 1:  
DOCUMENTARY DATA (NASA) Jul. 1971 505 p  
CSSL 08G

Unclas  
10117



MANNED SPACECRAFT CENTER  
HOUSTON, TEXAS  
JULY 1971

Reproduced by  
NATIONAL TECHNICAL  
INFORMATION SERVICE  
Springfield, Va. 22151

## PREFACE

This document is presented in two volumes and is the cumulative issue of the Research Data Facility (REDAF) R&D File. The next cumulative issue will be published in January, 1972.

Volume I lists all Earth Resources Program documentary information that is available at the National Aeronautics and Space Administration's Manned Spacecraft Center. Included in Volume II are sensor data collected during flights over NASA test sites and from missions flown by subcontractors supporting the Earth Resources Survey Program.

The information cataloged in the two volumes of this document is divided into six major data categories as follows:

Vol. I    Part 1 - Technical documents and maps  
          Part 2 - Satellite data  
          Part 3 - Special data types

Vol. II   Part 4 - Functional and check out data  
          Part 5 - Imagery data  
          Part 6 - Electronic data

The method for assigning accession numbers to the technical data is shown on the following pages. All requests for information concerning this R&D File should be directed to:

Edward O. Zeitler  
Earth Resources Research Data Facility/TF12<sup>52</sup>  
National Aeronautics and Space Administration  
Manned Spacecraft Center  
Houston, Texas 77058

## EDITOR'S NOTES

The REDAF at the Manned Spacecraft Center has arranged for program personnel and investigators supporting the Earth Resource Survey Program to avail themselves of all appropriate and related information concerning Earth Resources activities. This facility functions as the principle depository and distributive source for sensor data, program documents, and related information. Each data item contained in the REDAF files has its own accession number and is indexed in the R&D File. These numbers can be used in requesting data from REDAF. Copies of the R&D File and monthly supplements are distributed to Earth Resources Program participants in accordance with a current distribution list maintained by this office. Copies of documents may be obtained, if available, by investigators and program related personnel through written requests or by visiting this facility. Documents identified in the R&D File by an asterisk (\*) are stored in quantity and are available in hard copy. Where citations indicate that data is in microfiche form, or contain STAR or AIAA abstract numbers, diazo microfiche copies will be provided. For data which is in short supply and/or is not available through the above means, the user will be directed to the originating source or a secondary distribution service. If no other source is available this facility will within reason reproduce short papers for distribution. However, due to limited reproduction capabilities at REDAF, no extensive reproduction service is provided.

The REDAF accession numbering system is structured to yield such information as major subject or discipline, specific data type, geographic location, site number, and the shelf or index number. This number identifies each unit of data for retrieving data requested from the files. An example of an accession number, its elements, and how it is used to extract information is shown on page iv.

### NOTE:

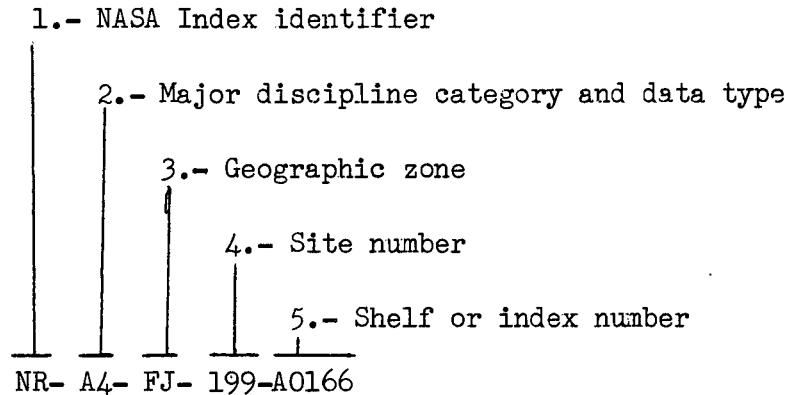
Technical Letters, formerly Data Type-05, have been re-classified under Technical Reports, Data Type-09. The Technical Letters are included into a 02000 series of numbers reserved in the bin numeric code of the accession numbering system. For example, under the old coding system Technical Letter no. 161 would be numbered:

NR-E5-EJ-998-00161 U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-161.  
GEOLOGIC UTILITY OF SMALL-SCALE AIRPHOTOS. MALCOLM  
M. CLARK, U.S. GEOLOGICAL SURVEY, MENLO PARK,  
CALIFORNIA. 1969. CONTRACT NUMBER T-80485.

Under the new coding system this document will be numbered:

NR-E9-EJ-998-02161 U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-161.  
GEOLOGIC UTILITY OF SMALL-SCALE AIRPHOTOS. MALCOLM  
M. CLARK, U.S. GEOLOGICAL SURVEY, MENLO PARK,  
CALIFORNIA. 1969. CONTRACT NUMBER T-80485.

## ACCESSION NUMBER FORMAT



### 1. NR

The first field of the accession number is a double letter code which distinguishes this index (Natural Resources) from other NASA indexes.

### 2. Major discipline and data type

The second field contains a double-digit code which identifies the specific data type under consideration. Documentary data is denoted by an upper case alpha plus the numeric. Other data types (imagery and nonimagery et cetera) are indicated by a double numeric.

In the case of documentary information, the first alpha digit identifies nine major subject categories as shown below:

A - Agriculture

B - Cartography

C - Forestry

D - Geography

E - Geology

F - Hydrology

G - Oceanography

H - Multi-discipline and other sciences

P - Earth Observations Program documents

The second digit is numeric which designates one of nine specific data types as follows:

1. Site Maps
2. Site Discription
3. Mission Request
4. Mission Screening and Summary Reports
5. (Temporarily vacant)
6. Progress Report
7. Summary Report
8. Subject Related Document
9. Technical Report

In addition to the nine document data types described above, double-digit numeric indicators have been provided for the following data types:

- 10 Inflight Records (charts, graphs, et cetera)
- 11 Journals
- 12 thru 19 Reserved for future data types
- 20 thru 49 Imagery Data (see Table I on page VI for a list of specific sensor types)
  - 50 Gemini Film and Document Data File
  - 51 Apollo Film and Document Data File
  - 52 Earth Resources Technology Satellites (ERTS)
  - 53 Sky Lab
  - 54 Space Station
- 55 thru 74 Reserved for spacecraft data types

75 Electronic Data (Magnetic Taped). See page vii for  
non-imaging sensors

76 Processed Electronic Data

TABLE I.- LIST OF SENSOR DATA TYPES

## A.- CODE 20-49 IMAGERY SENSOR DATA TYPES

<u>CODE NO.</u>	<u>SENSOR</u>
20	Multiband Camera (Itek - 9 Lens)
21	RS-14 Dual Channel IR Scanner (Texas Instruments)
22	RC-8 Camera (Wild-Heerbrugg)
23	Reconofax IV IR Scanner (HRB Singer)
24	AAS-5 Camera (HRB Singer)
25	Nikon Data Panel K-17 Camera (Chicago Aerial)
26	T-11 Camera (Fairchild)
27	APS Camera (Maurer)
28	IR Radiometer Scanner (Block Engineering Co.)
29	RS-7 IR Scanner (Texas Instruments)
30	K-17 Metric Camera (Chicago Aerial)
31	Hasselblad Camera - 6-inch focal length
32	Reserved
33	APQ-97 SLAR (Westinghouse)
34	Reconofax IV Camera (HRB Singer)
35	Zeiss RMK 30/23 Camera - 12-inch focal length
36	Hasselblad Cluster Camera A
37	Hasselblad Cluster Camera B
38	Hasselblad Cluster Camera C
39	Hasselblad Cluster Camera D

TABLE I.- CONTINUED

<u>CODE NO.</u>	<u>SENSOR</u>
40	Hasselblad Cluster Camera E
41	Hasselblad Cluster Camera F
42	Reserved
43	Reserved
44	Reserved
45	DPD-2 SLAR (Philco-Ford)
46	KA-62 Cluster Camera A (Chicago Aerial)
47	KA-62 Cluster Camera B (Chicago Aerial)
48	KA-62 Cluster Camera C (Chicago Aerial)
49	KA-62 Cluster Camera D (Chicago Aerial)

B.- CODE 76 NON-IMAGERY SENSOR TYPES

<u>SENSOR</u>
Liquid Water Content Indicator (Johnson-Williams Co.)
Dewpoint Hygrometer (Cambridge Systems)
Multifrequency Microwave Radiometer (MFMR) - (Space General Corp.)
IR Rapid Scan Spectrometer (Lockheed Aero. Corp.)
Precision Radiation Thermometer (PRT-5) - (Barnes Engineering Corp.)
IR Radiometer (Block Engineering Corp.)
Total Air Temperature Probe (Rosemont Engineering Co.)
Multispectral Scanner-24 Channel (Bendix)
.400 GH <sub>z</sub> Scatterometer-DP (Emerson Corp.)



TABLE I.- CONCLUDED

SENSOR

13.3 GHz Scatterometer-SP (Ryan Aero. Corp.)

13.3 GHz Scatterometer-DP (Ryan Aero. Corp.)

1.6 GHz Scatterometer-DP (Ryan Aero. Corp.)

### 3. Geographic Zone

The third field contains a double-digit alpha code which indicates the general geographic zone in which the data were collected. The REDAF geographic reference system is similar to the World Geographic Reference System (GEOREF) which is described on page xv. This system divides the earth's surface into 15 degree quadrangles of latitude and longitude. Letters are assigned each 15 degree-division of longitude, extending eastward 360 degrees from the 180th meridian and also for each 15 degree division of latitude extending 180 degrees northward from the south pole. The appropriate letters for each division are shown on a Earth Zone Map on page x. Quadrangles covering areas within the United States are shown on the U.S. Zone Map on page xi.

The initial letter indicates the approximate longitude and the second letter indicates the approximate latitude. For example the zone designated "GJ" indicates that the general geographic area for a given data type is located in the eastern half of the United States. The first letter indicates the approximate longitude, the second letter indicates the approximate latitude. If more than one zone is overflowed the data are classified in the zone of greatest coverage. The numerals "00" are used when zoning is not appropriate.

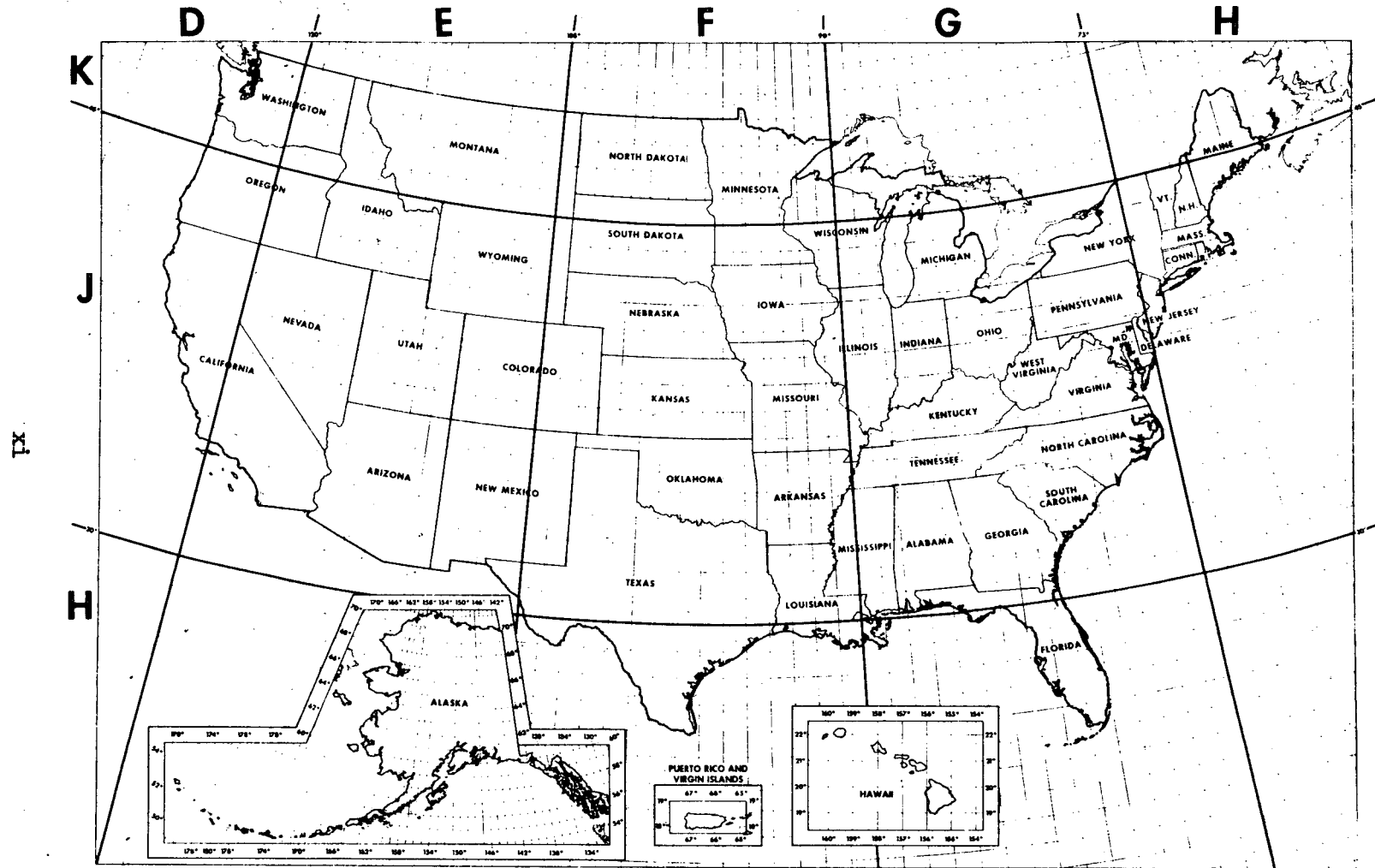
### 4. Site Numbers

Site numbers have been arbitrarily assigned by NASA for areas which have been overflowed and are indicated by a three-digit code in the fourth field of the accession number. For the convenience of users numbers covering test sites located within the United States are shown on a U.S. Zone Map preceding the index. A world map is also included which shows sites overflowed outside the United States. A list of site numbers, zone indicators, test site titles and major disciplines follows the maps. The code number "998" is used when more than one site is covered by one document or map.

### 5. Bin or File Number

This number is used by the REDAF to indicate the shelf position in which the data is stored and to locate or retrieve the data when needed. All entries in the R and D File are arranged under separate sections according to discipline and data type or sensor type. An example of a typical entry is shown in the following figure.





**U.S. ZONE MAP**

Geology  
 |  
 Technical Report  
 |  
 NR-E9-EJ-002-02007  
 |  
 Test Site  
 |  
 Geographic Reference

U.S. Geological Survey, Technical  
 Letter NASA-7. Topographic studies  
 of Pisgah Crater, California,  
 R. E. Altenhofen USGS, Menlo  
 Park, California, J. K. Oman and  
 T. M. Sousa USGS, Washington, D. C.  
 June 25, 1965, Contract No. R-146.

Information extracted from the above annotation establishes this entry as a document in the Geological discipline and is a technical letter concerning NASA Test Site 2 located within the "EJ" 15-degree quadrangle which covers the western portion of the United States.

Similarly the accession number -

NR-34-EJ-075-00037  
 | | |  
 | | Test Site  
 |  
 Geographic Reference  
 Reconofax IV Sensor

indicates that the data contains Reconofax IV imagery over Test Site 75 - Goldfield, Nevada which is located within the EJ 15-degree quadrangle covering the western portion of the U.S.

When the requestors area of interest has been determined, data-research personnel at the REDAF will assist as needed in providing the appropriate information and answering questions.

Documents, photographs, and maps are available to visitors for examination and viewing. After deciding which information will be needed, source information concerning its availability will be provided.

C Computer searches can be made according to the geographical zone, the test site, personal and corporate authors, missions, and subject descriptors, or any combination of these classifications when more specific information is desired.

Information may also be scanned on microfilm viewers in a viewing area

In an effort to improve the utility of this document for meeting the needs of users we have included a questionnaire following the index. Your comments and the return of this form will be appreciated.

## GEOREF-WORLD GEOGRAPHIC REFERENCE SYSTEM

The REDAF World Geographic Reference system is similar to the World Geographic Reference System (GEOREF) described in A. F. Manual 51-40, Vol. I, Air Navigation, pages 3-34 through 3-38.

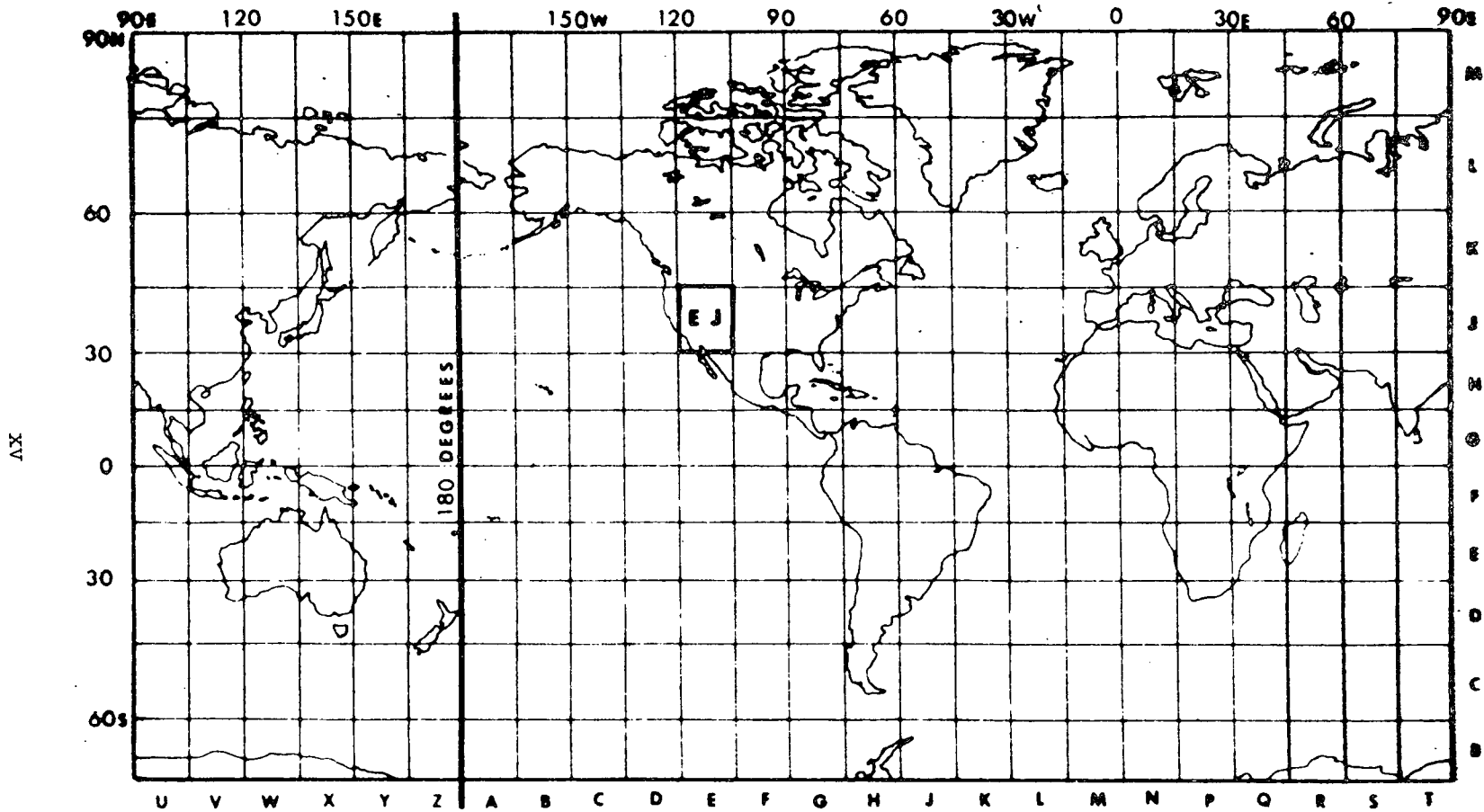
The GEOREF is based on the normal geographic longitude and latitude projection lines of any specific chart, and defines a unit of geographic area in which a specific point lies. The GEOREF divides the earth's surface into 15 degree quadrangles of longitude and latitude with the point of origin at the 180th meridian and the South Pole (see Earth Zone Map, page xv ). The divisions extend eastward 360 degrees from the 180th meridian with each component zone of these divisions identified by a letter from A through Z, omitting I and O, and extends northward 180 degrees from the South Pole with the zones lettered from A through M, omitting I. This combination divides the earth's surface into 238 basic 15 degree quadrangles, each having 2 letters identifying the zone of longitude and latitude.

Each such basic 15 degree quadrangle (see GEOREF 15 degree square sample quadrangle, page xvi ) is further divided into 15 lettered 1-degree units eastward and 15 lettered 1-degree units northward. These 1 degree quadrangles are lettered from A through Q, omitting I and O.

As an example, within a one degree square quadrangle, the geographical location of Site 002 (Pisgah Crater, California) the coordinates of which are 116 degrees 16 minutes to 116 degrees 34 minutes west longitude and 34 degrees 35 minutes to 34 degrees 50 minutes north latitude is completely described by the four letters EJDE and located as follows:

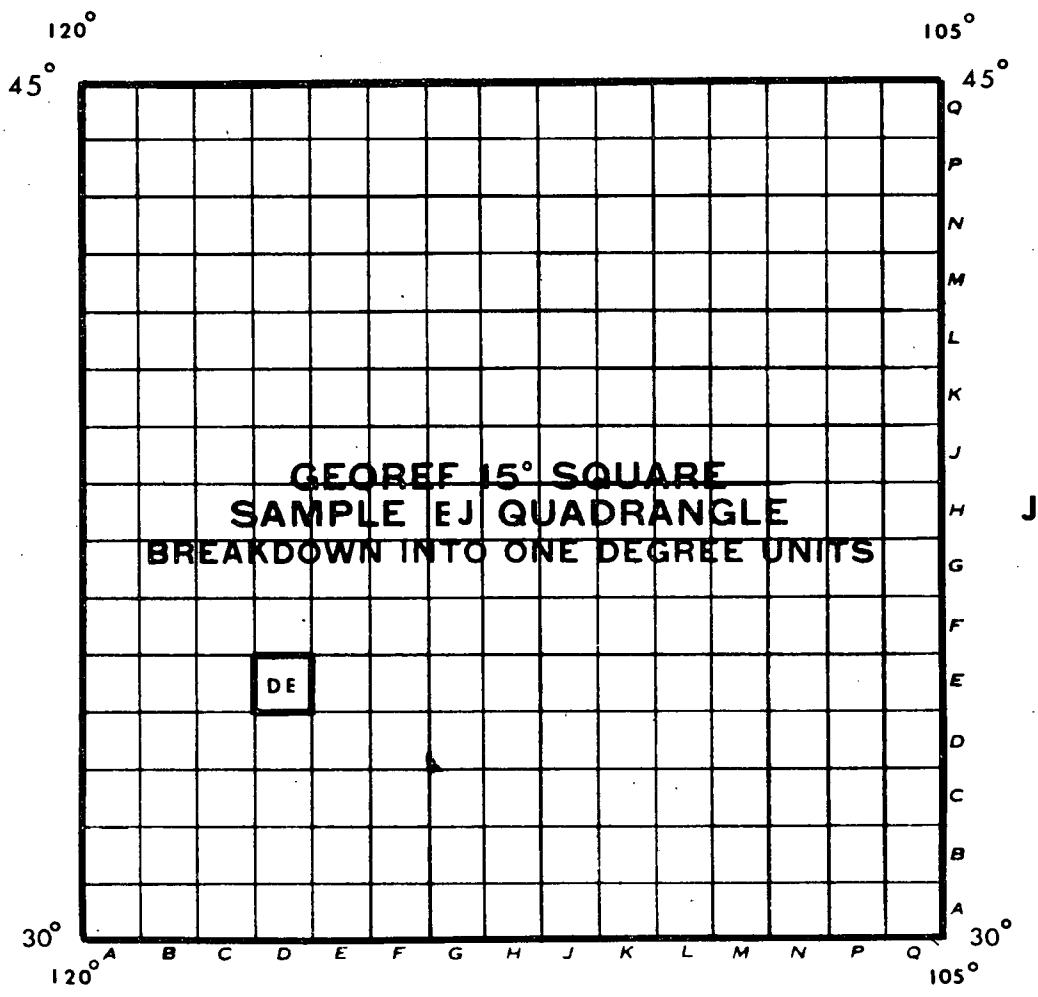
1. On the Earth Zone Map, locate the 15 degree quadrangle "EJ" by reading right to "E" and up to "J".
2. On the GEOREF 15 Degree Square Sample Quadrangle, locate the 1 degree quadrangle "DE" with the sample "EJ" 15 degree quadrangle by reading right to "D" and up to "E".

By the use of this method and assigning the appropriate four letter designators for each 1-degree-square covered, all available photography and other documented information on any specific geographical area can be readily indexed and speedily retrieved by the 4-letter combinations. The first two letters of each 4-letter combination which locate the specific 15 degree zone quadrangle are also a part of all associated document accession numbers. A map showing the location of each 1-degree quadrangle is included on the page xvii .



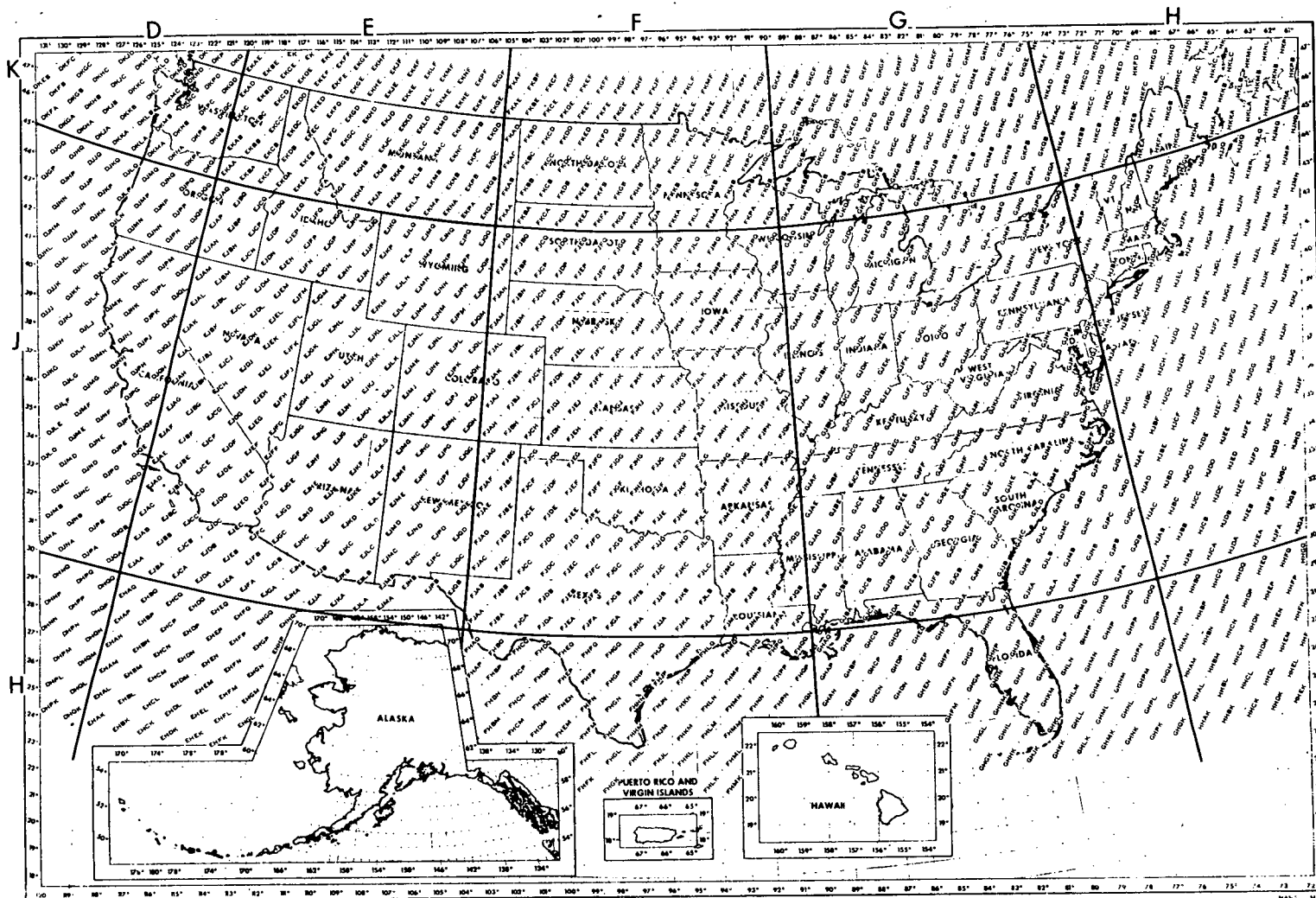
EARTH ZONE MAP





E

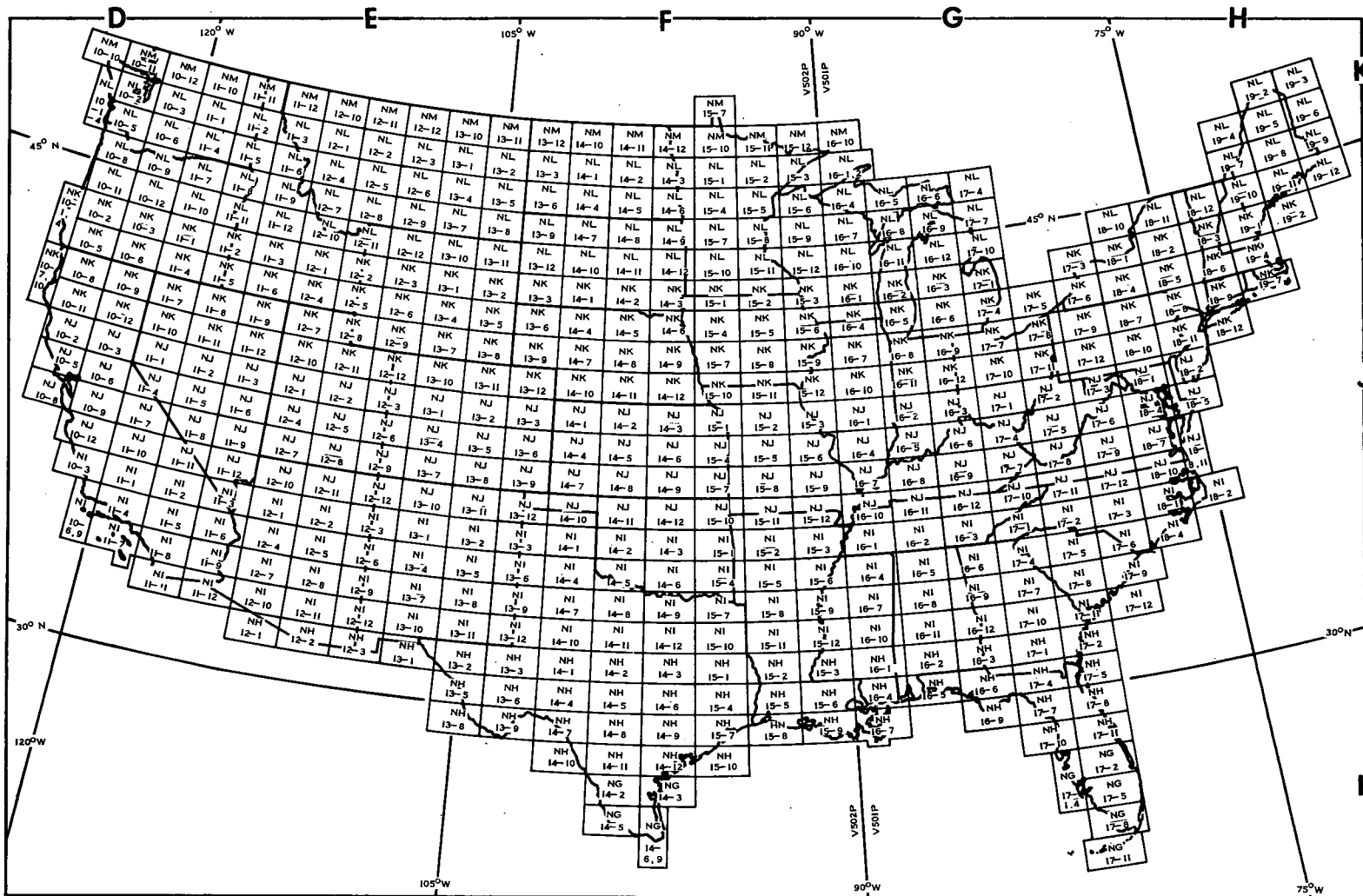
FLAX



U.S. 1 - DEGREE GEOREF QUADRANGLE LOCATION MAP

In addition to retrieving data by GEOREF all data coverage can be located in the United States and can be retrieved by test quadrant number. The Test Quadrant number corresponds to the Army Map Service number shown on page xx.

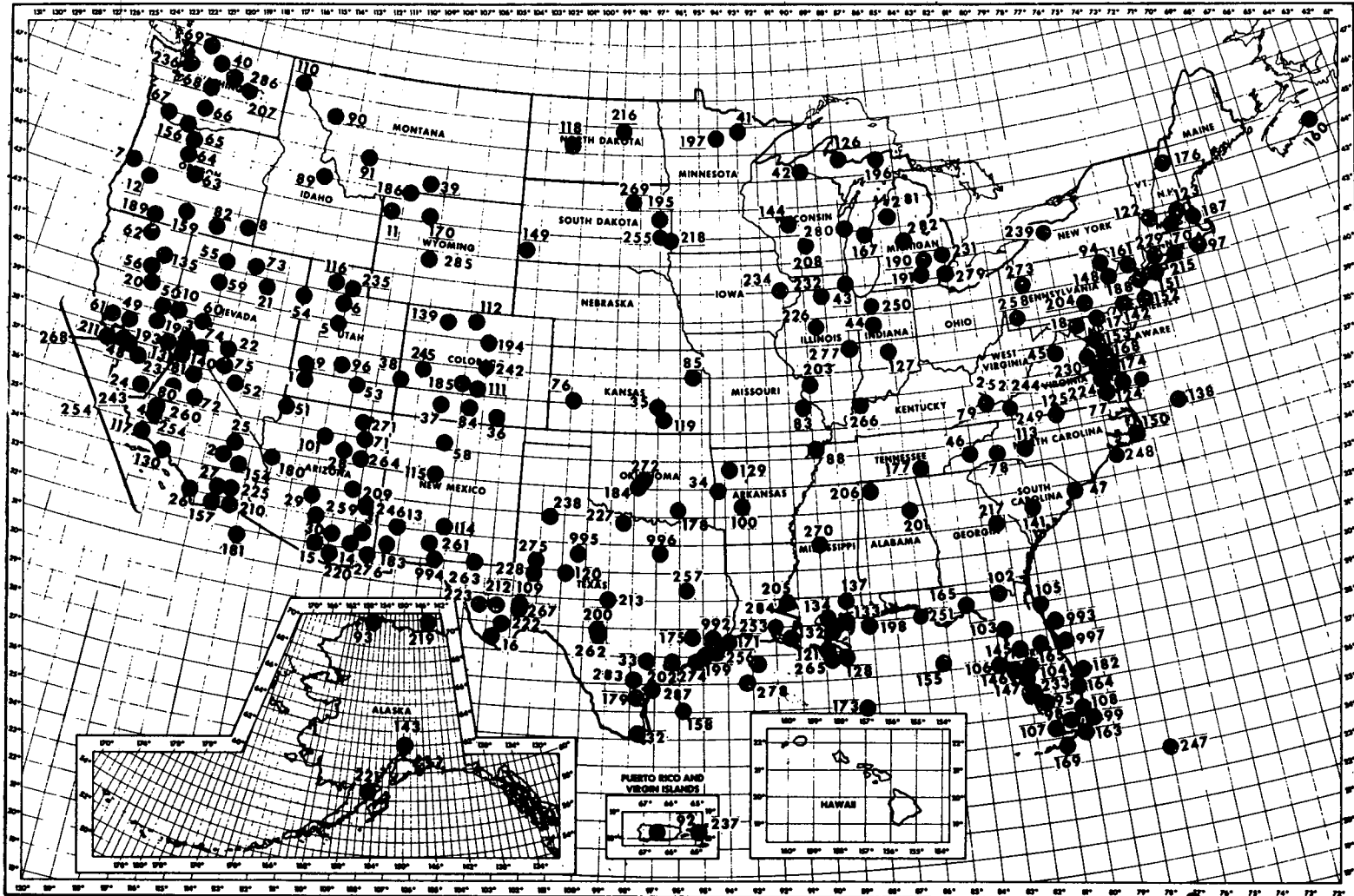
As an example NH15-7 covers from  $94^{\circ}$  N to  $96^{\circ}$  W longitude and from  $29^{\circ}$  N to  $30^{\circ}$  N latitude which is the Houston, Galveston Bay Area.



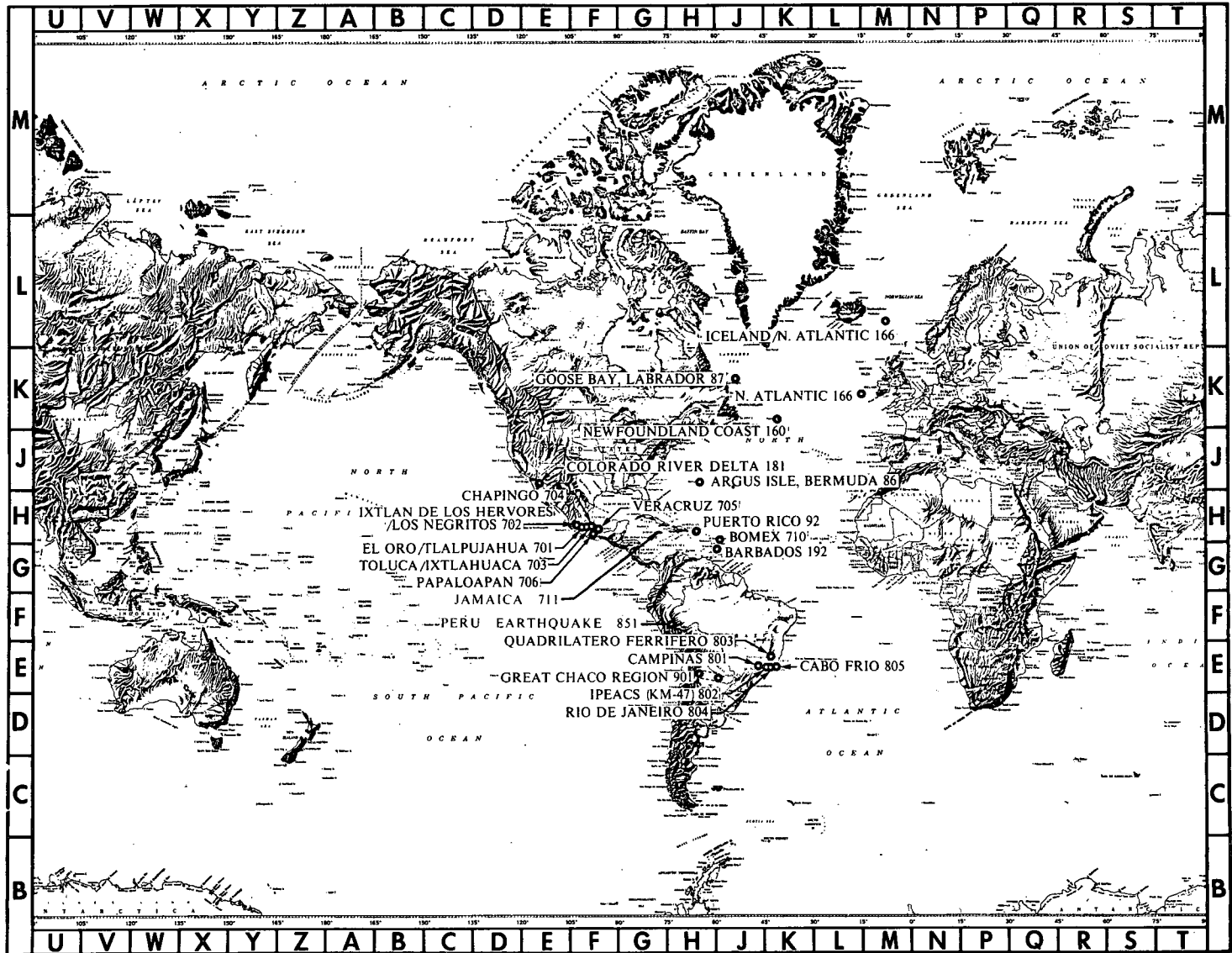
INDEX TO U.S. 1:250,000 MAPS

# USA TEST SITES

NASA — MSC



KX



ACTIVE TEST SITES OUTSIDE THE U.S.

		TEST SITE	
SITE	ZONE	NAME	DISCIPLINE
001	EJ	CEDAR CITY (IRON SPRINGS), UTAH PI - HILPERT, L.S., U.S.G.S., UTAH	GEOLOGY
002	EJ	PISGAH CRATER, CALIFORNIA PI - LYON, R.J.P., STANFORD UNIV., PI - CHICK, R., NASA/MSC, HOUSTON, TEXAS PI - GAWARECKI, S.J., U.S.G.S., VIRGINIA PI - MOORE, R.K., UNIVERSITY OF KANSAS,	GEOLOGY
003	EJ	MONO CRATERS, CALIFORNIA PI - LYON, R.J.P., STANFORD UNIV.,	GEOLOGY
004	EJ	CARRIZO PLAIN, CALIFORNIA PI - CLARK, M., U.S.G.S., WASH., D.C. PI - BROWN, R.D., JR., U.S.G.S., CALIF.	GEOLOGY
005	EJ	EUREKA (TINTIC DISTRICT), UTAH PI - MORRIS, H.T., U.S.G.S., CALIF. PI - LOVERING, T.S., UNIV. OF ARIZONA	GEOLOGY
006	EJ	SALT LAKE (SALT LAKE DISTRICT), UTAH PI - ROBERTS, R.J., U.S.G.S., CALIF. PI - CRITTENDEN, M., U.S.G.S., CALIF.	GEOLOGY
007	DJ	COAST RANGE, OREGON/WASHINGTON PI - SNAVELY, P.D., JR., U.S.G.S., CALIF. PI - PEARCY, W.G., OREGON STATE UNIV., PI - PATTULLO, J., OREGON STATE UNIV.,	FORESTRY
008	EJ	SOUTH OREGON STRIP, OREGON PI - WALKER, G.W., U.S.G.S., CALIF.	AGRICULTURE
009	EJ	SAN FRANCISCO DISTRICT, UTAH PI - HILPERT, L.S., U.S.G.S., UTAH	GEOLOGY
010	EJ	CARSON CITY (COMSTOCK DISTRICT), NEVADA PI - THOMPSON, G.A., STANFORD UNIV., PI - WHITE, D.E., MENLO PARK, CALIF. PI - TUELLER, P., U. OF NEVADA,	GEOLOGY
011	EJ	YELLOWSTONE NATIONAL PARK, WYOMING/ MONTANA/IDAHO PI - SNEDES, H.W., U.S.G.S., DENVER, PI - COX, E.R., U.S.G.S., CHEYENNE, PI - CAMPBELL, A.B., U.S.G.S., DENVER,	GEOLOGY
012	DJ	CRATER LAKE, OREGON PI - WALKER, G.W., U.S.G.S., CALIF. PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
013	EJ	SILVER CITY (CENTRAL DISTRICT), NEW MEXICO PI - PRATT, W.P., U.S.G.S., DENVER,	GEOLOGY
014	EJ	LITTLE DRAGON MOUNTAINS, ARIZONA PI - GAWARECKI, S.J., U.S.G.S., VIRGINIA	GEOLOGY
015	EJ	TWIN BUTTES (PIMA DISTRICT), ARIZONA PI - SIMONS, F. PI - COOPER, J.R., U.S.G.S., DENVER, PI - CANNEY, F.C., U.S.G.S., DENVER,	GEOLOGY
016	FH	SOLITARIO, TEXAS PI - HENPHILL, W.R., U.S.G.S.,	GEOLOGY
017	GJ	BALTIMORE (HARFORD-YORK), MARYLAND/ PENNSYLVANIA PI - SOUTHWICK, D.L., U.S.G.S., MARYLAND PI - WISE, D.U.	GEOLOGY
018	GJ	HAGERSTOWN (CENTRAL APPALACHIAN) PIEDMONT), MARYLAND/PENNSYLVANIA/VIRGINIA PI - SOUTHWICK, D.L., U.S.G.S., MARYLAND PI - REED, J.C., JR., U.S.G.S.	GEOLOGY
019	EJ	SONORA PASS, CALIFORNIA PI - LYON, R.J.P., STANFORD UNIV.,	GEOLOGY
020	DJ	BUCKS LAKE, CALIFORNIA PI - DRAEGER, W.C., U. OF CALIFORNIA, PI - COLWELL, R.N., U. OF CALIFORNIA,	FORESTRY
021	EJ	BATTLE MOUNTAIN (RYE PATCH RESERVOIR/ RUBY MOUNTAINS), NEVADA PI - ROBERTS, R.J., U.S.G.S., CALIF. PI - CRITTENDEN, M., U.S.G.S., CALIF.	GEOLOGY
022	EJ	TONOPAH, NEVADA PI - QUADE, J., MACKAY SCHOOL OF MINES, PI - GAWARECKI, S.J., U.S.G.S., VIRGINIA PI - CORNWALL, H., U.S.G.S., CALIF.	GEOLOGY

SITE	ZONE	TEST SITE NAME	DISCIPLINE
023	DJ	INYO NATIONAL FOREST (WARD MOUNTAIN/ CRATER MOUNTAIN), CALIFORNIA PI - BATMAN, P.C., U.S.G.S., CALIF.	GEOLOGY
024	DJ	SAN ANDREAS FAULT, CALIFORNIA PI - WALLACE, R., JET PROP. LAB., CALIF. PI - CLARK, M., U.S.G.S., WASH., D.C. PI - CARTER, W., U.S.G.S., WASH., D.C. PI - BROWN, R.D., JR., U.S.G.S., CALIF.	GEOLOGY
025	EJ	DEVILS PLAYGROUND, CALIFORNIA PI - DELLWIG, L.F., U. OF KANSAS,	SITE DELETED
026	EJ	SCRIPPS BEACH, CALIFORNIA PI - INMAN, D.L., SCRIPPS, CALIF. PI - FEUTSCHY, J.D.	OCEANOGRAPHY
027	EJ	SALTON SEA, CALIFORNIA PI - STURROCK, A.M., U.S.G.S., CALIF.	HYDROLOGY
028	EJ	WINSLOW (METEOR CRATER), ARIZONA PI - SCHABER, G.G., U.S.G.S., ARIZONA	GEOLOGY
029	EJ	PHOENIX, ARIZONA PI - PETTINGER, L.R., UNIV. OF CALIF., PI - COLWELL, R.N., U. OF CALIFORNIA, PI - GARRISON, W.F., NORTHWESTERN U., PI - MARBLE, DR. D.F., NORTHWESTERN UNIV.	GEOLOGY
030	EJ	TUCSON/AJO, ARIZONA PI - MORRISON, R.B., U.S.G.S., DENVER, PI - CREA, W.J., JR., NASA/MSC, TEXAS PI - COLWELL, R.N., U. OF CALIFORNIA, PI - CHESTNUTWOOD, C.M., NASA/MSC, TEXAS	GEOGRAPHY
031	EJ	WILCOX DRY LAKE, ARIZONA PI - SKIBITZKE, H.E., U.S.G.S., PHOENIX,	GEOLOGY
032	FH	WESLACO, TEXAS PI - WIEGAND, C.L., U.S.D.A., TEXAS PI - MYERS, V.I., SOUTH DAKOTA STATE U. PI - BLINN, J., JET PROP. LAB., CALIF. PI - BARATH, F., JET PROP. LAB., CALIF.	AGRICULTURE
033	FH	GADELUPE RIVER, TEXAS PI - DELLWIG, L.F., U. OF KANSAS,	GEOLOGY
034	FJ	QUACHITA MOUNTAINS, ARKANSAS/OKLAHOMA PI - DELLWIG, L.F., U. OF KANSAS,	GEOLOGY
035	FJ	WICHITA, KANSAS PI - SIMONETT, D.S., UNIV. OF KANSAS,	GEOGRAPHY
036	FJ	SPANISH PEAKS, COLORADO PI - DELLWIG, L.F., U. OF KANSAS, PI - BICKFORD, M.E., U. OF KANSAS,	GEOLOGY
037	EJ	OURAY (SILVERTON/CREEDE DISTRICT AND SAN JUAN 20 QUADRANT), COLORADO PI - MORRIS, H.T., U.S.G.S., CALIF.	GEOLOGY
038	EJ	GREAT SAGE PLAIN (LISBON VALLEY), UTAH/ COLORADO PI - SHAW, D.R., U.S.G.S., DENVER, PI - BROKAW, A.	GEOLOGY
039	EK	EASTERN BEAR TOOTH MOUNTAINS, WYOMING/ MONTANA PI - ROWAN, L.C., U.S.G.S., DENVER,	GEOLOGY
040	DK	CASCADE MOUNTAINS (CASCADE GLACIER SITE), WASHINGTON PI - CAMPBELL, W.J., U.S.G.S., TACOMA, PI - MEIER, M.F., U.S.G.S., TACOMA,	HYDROLOGY
041	FK	MESABI RANGE, MINNESOTA PI - SIMS, P.K., MINN. G.S., MINNEAPOLIS PI - REEVES, R., U.S.G.S., DENVER,	GEOLOGY
042	FK	OTTAWA NATIONAL FOREST (GOGEBIC RANGE), MICHIGAN PI - TRENT, V., U.S.G.S., WASH., D.C. PI - REEVES, R., U.S.G.S., DENVER,	GEOLOGY
043	GJ	CHICAGO, ILLINOIS PI - GARRISON, W.F., NORTHWESTERN U., PI - MARBLE, DR. D.F., NORTHWESTERN UNIV.	GEOGRAPHY
044	GJ	PURDUE, INDIANA PI - MACDONALD, R.B., PURDUE UNIVERSITY, PI - LANDGREBE, D., PURDUE UNIVERSITY, PI - HOFFER, R.M., PURDUE UNIVERSITY, PI - BAUMGARDNER, M., PURDUE UNIVERSITY,	AGRICULTURE

Reproduced from  
best available copy.



		TEST SITE	
SITE	ZONE	NAME	DISCIPLINE
045	GJ	ORANGE, VIRGINIA PI - DELLWIG, L.F., U. OF KANSAS,	SITE DELETED
046	GJ	ASHEVILLE, NORTH CAROLINA PI - PEPLIES, R.W., E. TENN. STATE UNIV., PI - MOORLAG, S., U.S.G.S., WASH., D.C.	GEOGRAPHY
047	GJ	MYRTLE BEACH, SOUTH CAROLINA	GEOGRAPHY
048	DJ	SAN PABLO RESERVOIR, CALIFORNIA PI - PETTINGER, L.R., UNIV. OF CALIF., PI - LAUER, D.T., UNIV. OF CALIFORNIA, PI - COLWELL, R.N., U. OF CALIFORNIA,	FORESTRY
049	DJ	DAVIS, CALIFORNIA PI - COLWELL, R.N., U. OF CALIFORNIA,	AGRICULTURE
050	DJ	DONNER PASS, CALIFORNIA PI - LYON, R.J.P., STANFORD UNIV.,	GEOLOGY
051	EJ	MESQUITE SEDIMENTARY, ARIZONA PI - QUADE, J., MACKAY SCHOOL OF MINES, PI - LINTZ, J., MACKAY SCHOOL OF MINES,	GEOLOGY
052	EJ	NEVADA AEC PI - MORRIS, R.H., U.S.G.S., DENVER,	GEOLOGY
053	EJ	SPANISH PEAKS, COLORADO/CEDAR CITY, UTAH PI - WYANT, D.	GEOLOGY
054	EJ	SMOKE CREEK DESERT/HEBER, UTAH PI - ROBERTS, R.J., U.S.G.S., CALIF. PI - CRITTENDEN, M., U.S.G.S., CALIF.	GEOLOGY
055	EJ	HUMBOLDT BASIN, NEVADA PI - ROBINOVE, C.J., U.S.G.S., WASH. D.C.	HYDROLOGY
056	DJ	MT. LASSEN, CALIFORNIA PI - LYON, R.J.P., STANFORD UNIV., PI - QUADE, J., MACKAY SCHOOL OF MINES,	GEOLOGY
057	BH	HAWAII PI - LYON, R.J.P., STANFORD UNIV., PI - REEVES, R., U.S.G.S., DENVER,	GEOLOGY
058	EJ	VALLES CALDERA, NEW MEXICO PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
059	EJ	TOBIN RANGE, NEVADA PI - SLEMONS, D.B., MACKAY SCHOOL OF M.	GEOLOGY
060	EJ	DIXIE VALLEY, NEVADA PI - SLEMONS, D.B., MACKAY SCHOOL OF M.	GEOLOGY
061	DJ	THE GEYSERS, CALIFORNIA PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
062	DJ	MT. SHASTA, CALIFORNIA PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
063	DJ	NEWBERRY CRATERS, OREGON PI - SWANSON, D., U.S.G.S., CALIF. PI - WALKER, G.W., U.S.G.S., CALIF. PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
064	DJ	CENTRAL CASCADE RANGE, OREGON PI - WALKER, G.W., U.S.G.S., CALIF. PI - SWANSON, D., U.S.G.S., CALIF.	GEOLOGY
065	DK	MT. HOOD, OREGON PI - SWANSON, D., U.S.G.S., CALIF. PI - WALKER, G.W., U.S.G.S., CALIF. PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
066	DK	MT. ADAMS, WASHINGTON PI - WALKER, G.W., U.S.G.S., CALIF. PI - SWANSON, D., U.S.G.S., CALIF. PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
067	DK	MT. ST. HELENS, WASHINGTON PI - WALKER, G.W., U.S.G.S., CALIF. PI - SWANSON, D., U.S.G.S., CALIF. PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
068	DK	MT. RAINIER, WASHINGTON PI - WALKER, G.W., U.S.G.S., CALIF. PI - SWANSON, D., U.S.G.S., CALIF. PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY
069	DK	MT. BAKER, WASHINGTON PI - SWANSON, D., U.S.G.S., CALIF. PI - WALKER, G.W., U.S.G.S., CALIF. PI - MOXHAM, R.M., U.S.G.S., VIRGINIA	GEOLOGY

SITE	ZONE	TEST SITE NAME	DISCIPLINE
070	HJ	HOPKINTON-MILFORD/TEMPLETON/ORANGE, MASSACHUSETTS PI - PAGE, L.R., U.S.G.S., WASH., D.C. PI - OLDALE, R.N., U.S.G.S., MASS.	GEOLOGY
071	EJ	HOPI BUTTES, ARIZONA PI - SCHABER, G.G., U.S.G.S., ARIZONA	GEOLOGY
072	EJ	COSO HOT SPRINGS, CALIFORNIA PI - AUSTIN, R., U. OF CALIF., SCRIPPS PI - GAWARECKI, S.J., U.S.G.S., VIRGINIA	GEOLOGY
073	EJ	LYNN DISTRICT, NEVADA PI - AUSTIN, DR. C.F., NAVAL WEAPONS CAL. PI - GAWARECKI, S.J., U.S.G.S., VIRGINIA PI - ROBERTS, R.J., U.S.G.S., CALIF.	GEOLOGY
074	EJ	BENTON, CALIFORNIA	GEOLOGY
075	EJ	GOLDFIELD, NEVADA PI - LYON, R.J.P., STANFORD UNIV., PI - MOORE, R.K., UNIVERSITY OF KANSAS, PI - ASHLEY, R., U.S.G.S., CALIF. PI - ALBERS, J.P., U.S.G.S., CALIF.	GEOLOGY
076	FJ	GARDEN CITY, KANSAS PI - MORAIN, S.A., UNIVERSITY OF KANSAS, PI - SIMONETT, D.S., UNIV. OF KANSAS, PI - MOORE, R.K., UNIVERSITY OF KANSAS, PI - HOLTZMAN, J., U. OF KANSAS,	GEOGRAPHY
077	GJ	NORFOLK, VIRGINIA	GEOGRAPHY
078	GJ	CLEVELAND COUNTY, NORTH CAROLINA PI - OVERSTREET, W.C.	GEOLOGY
079	GJ	MATEWAN, KENTUCKY PI - RICHARDS, P.W., U.S.G.S., KENTUCKY	GEOLOGY
080	EJ	BIG PINE FAULT, CALIFORNIA PI - SLEMMONS, D.B., MACKAY SCHOOL OF M.	GEOLOGY
081	EJ	MT. MORRISON FAULT, CALIFORNIA PI - SLEMMONS, D.B., MACKAY SCHOOL OF M.	GEOLOGY
082	EJ	ALVORD VALLEY, OREGON PI - WALKER, G.W., U.S.G.S., CALIF.	GEOLOGY
083	FJ	IRONTON, MISSOURI PI - GUILD, P.W., U.S.G.S., WASH., D.C.	GEOLOGY
084	EJ	ALAMOSA, COLORADO PI - DELLWIG, L.F., U. OF KANSAS,	SITE DELETED
085	FJ	LAWRENCE, KANSAS PI - SIMONETT, D.S., UNIV. OF KANSAS,	GEOGRAPHY
086	HJ	ARGUS ISLE, BERMUDA PI - HOLLINGER, J.P., NAVAL RESEARCH LAB. PI - AUSTIN, R., U. OF CALIF., SCRIPPS. PI - GRABHAM, A.L., U.S. NAVAL OFFICE PI - MOORE, R.K., UNIVERSITY OF KANSAS, PI - PIERSON, W.J., JR., NEW YORK UNIV., PI - WILLIAMS, G.F., JR., UNIV. OF MIAMI,	OCEANOGRAPHY
087	JK	GOOSE BAY, LABRADOR PI - YATKO, H.J. PI - GRABHAM, A.L., U.S. NAVAL OFFICE	AGRICULTURE
088	FJ	MISSISSIPPI VALLEY, MISSOURI/TENNESSEE PI - D'AGOSTINO, J.P. PI - HEY, A.	AGRICULTURE
089	EK	BLACKBIRD DISTRICT, IDAHO PI - CANNY, F.C., U.S.G.S., DENVER,	GEOLOGY
090	EK	ALBERTON, MONTANA PI - WELLS, J.D., U.S.G.S., DENVER,	GEOLOGY
091	EK	TOBACCO ROOT MOUNTAIN, MONTANA PI - AGNEW, A.F.	HYDROLOGY
092	HH	PUERTO RICO PI - BERRYHILL, H.L., JR., U.S.G.S., TEX. PI - SIMONETT, D.S., UNIV. OF KANSAS, PI - POLCYN, F.C., UNIV. OF MICHIGAN, PI - MARBLE, DR. D.F., NORTHWESTERN UNIV. PI - LOWE, D.S., UNIV. OF MICHIGAN, PI - BRIGGS, R.P., U.S.G.S., PUERTO RICO PI - ANDERSON, J., CLARK UNIVERSITY, MASS	MULTISUBJECT

SITE	ZONE	TEST SITE		DISCIPLINE
		NAME		
093	BL	PT. BARROW, ALASKA PI - CAMPBELL, W.J., U.S.G.S., TACOMA, PI - KETCHUM, R., NAVAL RESEARCH LAB., PI - PRUITT, E.L., U.S. DEPT. OF NAVY PI - ROUSE, J., TEXAS A+M UNIVERSITY, PI - WALKER, H., L.S.U., BATON ROUGE, LA. PI - MC LERRAN, J., U.S. ARMY ENGINEERS		OCEANOGRAPHY
094	GJ	NORTHEAST PENNSYLVANIA (PEAT BOGS) PI - CAMERON, C.C., U.S.G.S., WASH., D.C.		GEOLOGY
095	GH	EVERGLADES, FLORIDA		HYDROLOGY
096	EJ	PI - KOLIPINSKI, M.C., U.S.G.S., MIAMI, DIXIE/FISH LAKE NATIONAL FOREST, UTAH PI - WILLIAMS, P.L., U.S.G.S., DENVER, PI - HACKMAN, R.J., U.S.G.S., WASH., D.C.		GEOLOGY
097	HJ	CAPE COD/MARTHA'S VINEYARD, MASSACHUSETTS PI - CRONIN, J.F., AFRL, MASS.		OCEANOGRAPHY
098	GH	HOMESTEAD, FLORIDA PI - CONOVER, DR. R., FLA.		AGRICULTURE
099	GH	FLORIDA STRAITS PI - WILLIAMS, H., UNIV. OF OREGON, PI - WILLIAMS, G.F., JR., UNIV. OF MIAMI, PI - CONROD, A., MIT, CAMBRIDGE, MASS.		OCEANOGRAPHY
100	FJ	HOT SPRINGS, ARKANSAS		GEOLOGY
101	EJ	SAN FRANCISCO VOLCANIC FIELDS, ARIZONA PI - CHICK, R., NASA/MSC, HOUSTON, TEXAS PI - SCHABER, G.G., U.S.G.S., ARIZONA		GEOLOGY
102	GJ	STATENVILLE, GEORGIA/LAKE CITY, FLORIDA, PHOSPHATE PI - CATHCART, J.B., U.S.G.S., DENVER,		GEOLOGY
103	GH	CRYSTAL RIVER, FLORIDA PI - CATHCART, J.B., U.S.G.S., DENVER,		GEOLOGY
104	GH	WAUCHULA/TAMPA, FLORIDA PI - CATHCART, J.B., U.S.G.S., DENVER,		GEOLOGY
105	GH	CRESCENT BEACH SUBMARINE SPRING, FLORIDA PI - KOHOUT, F.A., U.S.G.S., MIAMI,		HYDROLOGY
106	GH	CLEARWATER/NAPLES SUBMARINE SPRING, FLORIDA PI - KOHOUT, F.A., U.S.G.S., MIAMI, FLA.		HYDROLOGY
107	GH	CAPE SABLE SUBMARINE SPRING, FLORIDA PI - KOHOUT, F.A., U.S.G.S., MIAMI,		HYDROLOGY
108	GH	CUTLER AREA SUBMARINE SPRING, FLORIDA PI - KOHOUT, F.A., U.S.G.S., MIAMI, PI - KOLIPINSKI, M.C., U.S.G.S., MIAMI,		HYDROLOGY
109	FJ	SIERRA MADERA, TEXAS PI - WILSHIRE, H.G., U.S.G.S., DENVER,		GEOLOGY
110	EK	CLARK FORK, IDAHO PI - HARRISON, J.E., U.S.G.S., DENVER,		GEOLOGY
111	EJ	WET MOUNTAIN, COLORADO PI - SINGEWALD, G.D.		GEOLOGY
112	EJ	NORTHEAST RANGE, COLORADO PI - BRADDOCK, W.A., UNIVERSITY OF COLO.		GEOLOGY
113	GJ	FAYETTEVILLE, NORTH CAROLINA/NEWPORT, TENNESSEE PI - ROWAN, L.C., U.S.G.S., DENVER,		GEOLOGY
114	EJ	WHITE SANDS, NEW MEXICO PI - MOORE, H., U.S.G.S., CALIF. PI - MASURSKY, H.		GEOLOGY
115	EJ	NEW MEXICO MINERAL AND STRUCTURAL BELTS PI - BACHMAN, G.O., U.S.G.S., DENVER, PI - JOHNSON, R.B., U.S.G.S., DENVER,		GEOLOGY
116	EJ	GREAT SALT LAKE, UTAH PI - ARNOW, T.		HYDROLOGY
117	EJ	LAKE CACHUMA, CALIFORNIA PI - SKIBITZKE, H.E., U.S.G.S., PHOENIX,		HYDROLOGY
118	FK	MISSOURI RIVER, NORTH DAKOTA PI - ERSKIN, H., U.S.G.S., BISMARCK, N.D. PI - CROSBY, O.A., U.S.G.S., N.D.		HYDROLOGY
119	FJ	BUTLER COUNTY, KANSAS PI - MORGAN, C.O.		HYDROLOGY

SITE	ZONE	TEST SITE NAME	DISCIPLINE
120	FJ	LAKE COLORADO CITY, TEXAS PI - HARBECK, G.E., JR., U.S.G.S., COLO.	HYDROLOGY
121	GH	EFFLUENTS AND MAJOR RIVERS, LOUISIANA PI - MEADE, R.H.	HYDROLOGY
122	HJ	MILLERS RIVER, MASSACHUSETTS PI - WIESNET, D.R., U.S.G.S., BOSTON,	HYDROLOGY
123	HJ	MERRIMACK RIVER, MASSACHUSETTS PI - WIESNET, D.R., U.S.G.S., BOSTON,	HYDROLOGY
124	GJ	DELMARVA PENINSULA, DELAWARE/MARYLAND/ VIRGINIA PI - WHITE, W.F. PI - OTTON, E., U.S.G.S., TOWSON, MD. PI - HOLLYDAY, E.F., U.S.G.S., M.D.	HYDROLOGY
125	GJ	ROXBORO RESERVOIR, NORTH CAROLINA PI - TURNER, J.F., U.S.G.S., N.C. PI - GODDARD, G.C., U.S.G.S., N.C.	HYDROLOGY
126	OK	MARQUETTE/REPUBLIC THROUGH, MICHIGAN PI - WHITTEN, E.H., NORTHWESTERN UNIV.,	GEOLOGY
127	GJ	JOHNSON COUNTY GRAVEL TEST, INDIANA PI - BLAKELY, R.F., INDIANA G.S., PI - CARR, D.D., INDIANA G.S.,	GEOLOGY
128	GH	MISSISSIPPI DELTA, LOUISIANA PI - MC INTIRE, W.S., L.S.U., BATON ROUGE PI - CATOE, C.E., U.S. COAST GUARD, WASH. PI - CAPURO, L.R.A., TEXAS A + M,	OCEANOGRAPHY
129	FJ	ARKANSAS BASIN PI - HALEY, B.R., U.S.G.S., DENVER, COLO. PI - HENDRICKS, T.A., U.S.G.S., DENVER,	GEOLOGY
130	EJ	SOUTHERN CALIFORNIA PI - BOWDEN, L.W., U. OF CALIFORNIA, PI - PEASE, DR. R., UNIV. OF CALIF.,	GEOGRAPHY
132	GH	NEW ORLEANS, LOUISIANA PI - MOORLAG, S., U.S.G.S., WASH., D.C. PI - MARBLE, DR. D.F., NORTHWESTERN UNIV. PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
133	GJ	MICHoud, LOUISIANA PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
134	GJ	SLIDELL, LOUISIANA PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
135	DJ	HARVEY VALLEY, CALIFORNIA PI - COLWELL, R.N., U. OF CALIFORNIA, PI - CARNEGIE, D., UNIV. OF CALIF.,	FORESTRY
136	HJ	NAVY ACRES PI - BATES, C.C., U.S. NAVY DEPT., WASH.	OCEANOGRAPHY
137	GJ	MISSISSIPPI TEST FACILITY PI - MALLON, J.H., OEP, WASHINGTON, D.C. PI - NORTH, G., U.S.G.S., WASH., D.C.	GEOGRAPHY
138	HJ	GULFSTREAM NORTH PI - NELSON, R.M., ESSA, ROCKVILLE, M.D.	OCEANOGRAPHY
139	EJ	STEAMBOAT SPRINGS, COLORADO PI - SEGERSTROM, K., U.S.G.S., DENVER,	GEOLOGY
140	EJ	BISHOP, CALIFORNIA PI - CROWDER, D.F., U.S.G.S., CALIF. PI - SHERIDAN, M.F., ARIZONA STATE UNIV.,	GEOLOGY
141	GJ	CHARLESTON/COLUMBIA, SOUTH CAROLINA PI - COLOUGHON, DR. D., U. OF S.C.	GEOLOGY
142	GJ	DELAWARE ESTUARY, PENNSYLVANIA/NEW JERSEY PI - PAULSON, R.W., U.S.G.S., PHIL. PA. PI - WHITE, T.E., U.S.G.S., PHIL. PA.	HYDROLOGY
143	CL	COOK INLET, ALASKA PI - BARNWELL, W., U.S.G.S., ALASKA PI - FEULNER, A.J., U.S.G.S., ALASKA	HYDROLOGY
144	FJ	WISCONSIN SAND PLAINS PI - STANGLAND, H.G. PI - WEEKS, E.P., U.S.G.S., MADISON, WIS.	HYDROLOGY
145	GH	GULF COAST SPRINGS, FLORIDA PI - CHERRY, R.N., U.S.G.S., TAMPA, FLA.	HYDROLOGY

SITE ZONE		TEST SITE NAME	DISCIPLINE
146	GH	ALAFIA AND PEACE RIVERS, FLORIDA PI - COKER, A.E., U.S.G.S., TAMPA, FLA.	HYDROLOGY
147	GH	LAKES/TAMPA, FLORIDA PI - STEWART, J.W., U.S.G.S., TAMPA, FLA.	HYDROLOGY
148	GJ	LEHIGH RIVER, PENNSYLVANIA PI - WOOD, C.R., U.S.G.S., PA.	HYDROLOGY
149	FJ	BLACK HILLS, SOUTH DAKOTA PI - BOWLES, C.G.	FORESTRY
150	GJ	PI - HELLER, R.C., PACIFIC S.W. FOREST PAMLICO SOUND, NORTH CAROLINA	GEOLOGY
151	HJ	PI - BERRYHILL, H.L., JR., U.S.G.S., TEX. LONG ISLAND, NEW YORK	HYDROLOGY
152	HJ	PI - PLUHOWSKI, E.J., U.S.G.S., WASH. PI - COHEN, P., U.S.G.S., MENEXOLA, N.Y. BARNEGAT BAY, NEW JERSEY	HYDROLOGY
153	GJ	PI - ANDERSON, P.W., U.S.G.S., N.J. PI - SUBITZSKY, S., U.S.G.S., N.J. ANNAPOLIS, MARYLAND	AGRICULTURE/GEOLOGY -GEOGRAPHY-
154	EJ	PI - BARBEHENN, DR. K., SMITHSONIAN INST. PI - BUECHNER, H. AMHOY CRATER, CALIFORNIA	GEOLOGY
155	GH	PI - CHICK, R., NASA/MSC, HOUSTON, TEXAS GULF COAST FISHERIES PI - DRENNAN, K.L., FISHERIES, MISS. PI - NORRIS, D. PI - GRAYBEAL, G., NASA/MSC, HOUSTON PI - BULLIS, H., FISHERIES, MISS.	OCEANOGRAPHY
156	DK	WIND RIVER, WASHINGTON PI - WEAR, J.F., PORTLAND, OREGON	FORESTRY
157	EJ	BORRERO SPRINGS, CALIFORNIA PI - CLARK, M., U.S.G.S., WASH., D.C. PI - WOLFE, E., U.S.G.S., CALIF.	GEOLOGY
158	FH	CORPUS CHRISTI, TEXAS/GULF OF MEXICO PI - HOLLINGER, J.P., NAVAL RESEARCH LAB. PI - WILLIAMS, G.F., JR., UNIV. OF MIAMI,	OCEANOGRAPHY
159	DJ	HORSEFLY MOUNTAIN, OREGON PI - SIMONETT, D.S., UNIV. OF KANSAS,	AGRICULTURE
160	JK	NEWFOUNDLAND COAST (ARGENTIA) PI - PIERSON, W.J., JR., NEW YORK UNIV., PI - WILLIAMS, G.F., JR., UNIV. OF MIAMI,	OCEANOGRAPHY
161	HJ	RARITAN RIVER, NEW JERSEY PI - ANDERSON, DR. R., AMERICAN UNIV. PI - ANDERSON, P.W., U.S.G.S., N.J. PI - SUBITZSKY, S., U.S.G.S., N.J.	HYDROLOGY
162	GH	BAHAMA BANKS, FLORIDA PI - CONROD, A., MIT, CAMBRIDGE, MASS.	OCEANOGRAPHY
163	GH	BISCAYNE BAY, FLORIDA PI - CONROD, A., MIT, CAMBRIDGE, MASS. PI - KELLY, M.G., NEW YORK UNIVERSITY, PI - NORRIS, D. PI - POLCYN, F.C., UNIV. OF MICHIGAN,	OCEANOGRAPHY
164	GH	BOCA RATON/BELLE GLADE, FLORIDA PI - LATHAM, DR. J., FLORIDA ATLANTIC U. PI - BERLIN, G.L., U.S.G.S., ARIZONA	GEOGRAPHY
165	GJ	DESERET/ST. MARKS, FLORIDA PI - PRUNTY, M.C., JR., UNIV. OF GEORGIA,	GEOGRAPHY
166	LL	NORTH ATLANTIC PI - EVANS, D., NASA/MSC, HOUSTON, TEXAS PI - MOORE, R.K., UNIVERSITY OF KANSAS, PI - PIERSON, W.J., JR., NEW YORK UNIV.,	OCEANOGRAPHY
167	GJ	LAKE MICHIGAN PI - LOWE, D.S., UNIV. OF MICHIGAN, PI - POLCYN, F.C., UNIV. OF MICHIGAN,	OCEANOGRAPHY
168	GJ	PATUXENT RIVER, MARYLAND PI - ANDERSON, DR. R., AMERICAN UNIV.	HYDROLOGY
169	GH	FLORIDA KEYS PI - LATHAM, DR. J., FLORIDA ATLANTIC U. PI - POLCYN, F.C., UNIV. OF MICHIGAN, PI - NORRIS, D. PI - KELLY, M.G., NEW YORK UNIVERSITY,	OCEANOGRAPHY

SITE ZONE		TEST SITE NAME	DISCIPLINE
170	EJ	SHEEP MOUNTAIN, WYOMING	GEOGRAPHY
171	FH	SABINE LAKE ESTUARY, TEXAS/LOUISIANA	HYDROLOGY
		PI - MAHL, D.C., U.S.G.S., HOUSTON, TEX.	
		PI - RATZLAFF, K.W., U.S.G.S., HOUSTON,	
172	GH	YUCATAN PENINSULA, MEXICO	OCEANOGRAPHY
		PI - KENDRICKS, L.	
		PI - LOWE, D.S., UNIV. OF MICHIGAN,	
		PI - POLCYN, F.C., UNIV. OF MICHIGAN,	
173	GH	GULF LOOP	OCEANOGRAPHY
		PI - CAPURRO, L.R.A., TEXAS A + M, TEXAS	
174	GJ	WALLOPS ISLAND VIRGINIA	HYDROLOGY
		PI - CARR, D.D., INDIANA G.S.,	
		PI - FOSTER, D., NASA/WALLOPS STATION,	
		PI - PENNEWELL, J.D., PHILCO-FORD, VA.	
175	FH	HOUSTON, TEXAS, AREA	FUNCTIONAL CHECK FLIGHT
		PI - MOORLAG, S., U.S.G.S., WASH., D.C.	
		PI - WHITEHEAD, V., NASA/MSC, HOUSTON,	
		PI - GRAYBEAL, G., NASA/MSC, TEXAS	
		PI - CHESTNUTWOOD, C.M., NASA/MSC, TEXAS	
		PI - BOVAY, H., BOVAY ENGINEERS, INC.,	
176	HJ	NEW ENGLAND	GEOGRAPHY
		PI - SIMPSON, R.B., DARTMOUTH COLLEGE,	
177	GJ	TENNESSEE VALLEY	GEOGRAPHY
		PI - PEPLIES, R.W., E. TENN. STATE UNIV.,	
		PI - WITMER, R., E. TENN. STATE UNIV.,	
178	FJ	MILL CREEK, OKLAHOMA	GEOLOGY
		PI - ROWAN, L.C., U.S.G.S., DENVER, COLO.	
		PI - SCHABER, G.G., U.S.G.S., ARIZONA	
		PI - CANNON, P.J., U.S.G.S., ARIZONA	
179	FH	LAGUNA MADRE AND CORPUS CHRISTI, TEXAS	HYDROLOGY
		PI - BERRYHILL, H.L., JR., U.S.G.S., TEX.	
		PI - MASON, C.C., NASA/MSC, HOUSTON, TEX.	
180	EJ	GARNET MOUNTAIN, ARIZONA	GEOLOGY
		PI - BALCET, P.M., USDA, WASHINGTON, D.C.	
		PI - GAWARECKI, S.J., U.S.G.S., VIRGINIA	
181	EJ	COLORADO RIVER DELTA, MEXICO	HYDROLOGY
		PI - MASON, C.C., NASA/MSC, HOUSTON, TEX.	
182	GH	WEST PALM BEACH, FLORIDA	OCEANOGRAPHY
183	EJ	LORDSBURG, NEW MEXICO	GEOLOGY
		PI - GAWARECKI, S.J., U.S.G.S., VIRGINIA	
184	FJ	CHICKASHA, OKLAHOMA	AGRICULTURE
		PI - BLANCHARD, B.J., USDA, OKLAHOMA	
185	EJ	BONANZA AREA, COLORADO	HYDROLOGY/GEOLOGY
		PI - GROSE, DR. L.T., COLO. SCH. OF MINES	
		PI - REEVES, R., U.S.G.S., DENVER, COLO.	
186	EJ	CLARK FORK, WYOMING	GEOLOGY
		PI - ROWAN, L.C., U.S.G.S., DENVER, COLO.	
187	HJ	BOSTON, MASSACHUSETTS	GEOGRAPHY OCEANOGRAPHY
		PI - CONROD, A., MIT, CAMBRIDGE, MASS.	
188	HJ	NEW YORK BIGHT	OCEANOGRAPHY
		PI - KELLY, M.G., NEW YORK UNIVERSITY,	
189	DJ	KLAMATH FALLS, OREGON	FORESTRY
		PI - PETTINGER, L.R., UNIV. OF CALIF.,	
190	GJ	ANN ARBOR, MICHIGAN	FORESTRY
		PI - OLSON, C.E., JR., UNIV. OF MICHIGAN,	
191	GJ	WASHTENAW COUNTY, MICHIGAN	AGRICULTURE
		PI - POLCYN, F.C., UNIV. OF MICHIGAN,	
		PI - NALEPKA, R.F., UNIVERSITY OF MICH.	
192	JG	BARBADOS	GEOLOGY
		PI - LOWE, D.S., UNIV. OF MICHIGAN,	
		PI - POLCYN, F.C., UNIV. OF MICHIGAN,	
		PI - PEASE, DR. R., UNIV. OF CALIF.,	
		PI - ALEXANDER, R.H., U.S.G.S., WASH.	
193	DJ	EL DORADO FOREST, CALIFORNIA	FORESTRY
		PI - LANGLEY, P.G., USDA, CALIF.	
194	FJ	DENVER, COLORADO	GEOGRAPHY
		PI - GRIFFITHS, DR., T.M., U. OF DENVER,	
195	FJ	BROOKINGS, SOUTH DAKOTA	AGRICULTURE
		PI - MYERS, V.I., SOUTH DAKOTA STATE U.	

Reproduced from  
best available copy.

		TEST SITE	
SITE	ZONE	NAME	DISCIPLINE
196	GK	GRAND SABLE, MICHIGAN PI - GROLIER, M.J., U.S.G.S., ARIZONA	GEOLOGY
197	FK	CHIPPEWA NATIONAL FOREST, MINNESOTA PI - JOHNSTON, J., U.S.G.S., WASH., D.C. PI - MACE, A., UNIVERSITY OF MINNESOTA, PI - MEYER, M.P., U. OF MINNESOTA,	FORESTRY
198	GJ	MISSISSIPPI SOUND  PI - PILAND, R.O., NASA/MSC, HOUSTON, PI - GRAYBEAL, G., NASA/MSC, HOUSTON	OCEANOGRAPHY HYDROLOGY/GEOLOGY
199	FH	GALVESTON ISLAND, TEXAS  PI - GRAYBEAL, G., NASA/MSC, HOUSTON, TEX	OCEANOGRAPHY HYDROLOGY/GEOGRAPHY
200	FJ	KERR COUNTY, TEXAS PI - CHILDS, L., NASA/MSC, HOUSTON, TEXAS	FORESTRY
201	GJ	MECHANICSBURG, PENNSYLVANIA PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
202	FH	PT. COMFORT, TEXAS PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
203	FJ	GRANITE CITY, ILLINOIS PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
204	GJ	BYNUM, ALABAMA PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
205	FJ	BATON ROUGE, LOUISIANA PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
206	GJ	MUSCLE SHOALS, ALABAMA PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
207	EK	MOSES LAKE, WASHINGTON  PI - MATERHOFER, C.R., WASH., D.C.	AGRICULTURE HYDROLOGY
208	GJ	BARABOO, WISCONSIN PI - OFFIELD, T.W., U.S.G.S., DENVER,	GEOLOGY
209	EJ	FORT APACHE/SAN CARLOS INDIAN RESERVATION, ARIZONA PI - WOLL, A., U.S. DEPT. OF INTERIOR, PI - CULLER, R., U.S.G.S., WASH., D.C. PI - MAST, C., BUR. OF INDIAN AFFAIRS,	GEOGRAPHY
210	EJ	IMPERIAL VALLEY, CALIFORNIA PI - COLWELL, R.N., U. OF CALIFORNIA. PI - HOWDEN, L.W., U. OF CALIFORNIA,	GEOGRAPHY
211		PI - WRAY, J., U.S.G.S., WASHINGTON, D.C. SAN FRANCISCO BAY AREA, CALIFORNIA PI - WRAY, J., U.S.G.S., WASHINGTON, D.C. PI - ROSS, D.S., WOODS HOLE OCEAN. INST. PI - MC CULLOCH, D.S., U.S.G.S., CALIF. PI - MOORLAG, S., U.S.G.S., WASH., D.C. PI - GRANTZ, C., U.S.G.S., CALIF. PI - CAUSON, P., U.S.G.S. PI - CAUSON, P., U.S.G.S.	GEOLOGY
212	FJ	MARATHON, TEXAS PI - STEFFENSON, R., NASA/MSC, HOUSTON,	GEOLOGY
213	FJ	COLORADO RIVER, TEXAS PI - CHESNUTWOOD, C.M., NASA/MSC, HOUSTON	GEOGRAPHY
214	FH	GULF OF CALIFORNIA PI - LA VIOLETTE, P.A., WASH., D.C.	OCEANOGRAPHY
215	HJ	LONG ISLAND SOUND, NEW YORK PI - RUGGLES, F.H., JR., U.S.G.S., CONN.	HYDROLOGY
216	FK	JAMESTOWN, NORTH DAKOTA PI - JOHNSTON, J., U.S.G.S., WASH., D.C.	HYDROLOGY
217	GJ	ATLANTA, GEORGIA PI - MOORLAG, S., U.S.G.S., WASH., D.C. PI - HELLER, R.C., PACIFIC S.W. FOREST PI - ALDRICH, R.C., PACIFIC S.W. FOREST	FORESTRY
218	FJ	SIOUX FALLS, SOUTH DAKOTA PI - MYERS, V.I., SOUTH DAKOTA STATE U.	HYDROLOGY
219	CL	BEAUFORT SEA, ALASKA PI - MOORE, R.K., UNIVERSITY OF KANSAS,	OCEANOGRAPHY
220	EJ	FORT HUACHUCA, ARIZONA PI - POULTON, C.E., OREGON STATE UNIV, PI - TURNER, R.M., U.S.G.S., WASH., D.C. PI - COLWELL, R.N., U. OF CALIFORNIA,	FORESTRY

SITE	ZONE	TEST SITE NAME	DISCIPLINE
221	BK	KATMAI NATIONAL MONUMENT, ALASKA PI - HATCHER, N., LANGLEY RESEARCH CTR. PI - DROPPLEMAN, H.D., NASA/MSC, HOUSTON,	GEOLOGY
222	FH	BIG BEND NATIONAL PARK, TEXAS PI - AMSBURY, D., NASA/MSC, HOUSTON,	GEOLOGY
223	FJ	VAN HORN, TEXAS PI - AMSBURY, D., NASA/MSC, HOUSTON,	GEOLOGY
224	GJ	JAMES RIVER, VIRGINIA PI - ANDERSON, P.W., U.S.G.S., N.J. PI - PAULSON, R.W., U.S.G.S., PHIL., PA.	HYDROLOGY
225	EJ	RIVERSIDE, CALIFORNIA	GEOGRAPHY
226	GJ	PEORIA, ILLINOIS	GEOGRAPHY
227	FJ	WITCHITA FALLS, TEXAS PI - MOORLAG, S., U.S.G.S., WASH., D.C.	GEOGRAPHY
228	FJ	MIDLAND, TEXAS	GEOGRAPHY
229	HJ	NEW HAVEN, CONNECTICUT	GEOGRAPHY
230	GJ	WASHINGTON, D.C.	GEOGRAPHY
231	GJ	PONTIAC, MICHIGAN	GEOGRAPHY
232	GJ	AURORA, ILLINOIS	GEOGRAPHY
233	GH	TAMPA, FLORIDA	GEOGRAPHY
234	FJ	CEDAR RAPIDS, IOWA	GEOGRAPHY
235	EJ	SALT LAKE CITY, UTAH	GEOGRAPHY
236	DK	SEATTLE, WASHINGTON	GEOGRAPHY
237	HH	VIRGIN ISLANDS PI - MASON, C.C., NASA/MSC, HOUSTON, PI - WOOD, W., MICHIGAN STATE UNIV., PI - WOOD, B. PI - GARRETT, W.D., NAVAL RESEARCH LAB., PI - CAPURRO, L.R.A., TEXAS A + M,	OCEANOGRAPHY
238	FJ	LUBBOCK, TEXAS PI - MALLON, J.H., OEP, WASHINGTON, D.C.	GEOGRAPHY
239	GJ	LAKE ONTARIO, U.S./CANADA PI - MACDOWELL, J., CANADA PI - DEUTSCH, M., U.S.G.S., WASH., D.C.	HYDROLOGY
240	HK	CATHEART MOUNTAIN, MAINE	GEOLOGY
241	FH	EAGLE PASS, TEXAS	
242	FJ	MANITOU, COLORADO PI - DRISCOLL, R.S., U.S. FOREST SERVICE,	FORESTRY
243	EJ	STANISLAUS NATIONAL FOREST, CALIFORNIA PI - LANGLEY, P.G., USDA, CALIF.	FORESTRY
244	GJ	CENTRAL ATLANTIC COASTAL AREA PI - GOODELL, H., U. OF VIRGINIA, PI - PAULSON, R.W., U.S.G.S., PHIL., PA. PI - MOORLAG, S., U.S.G.S., WASH., D.C. PI - DANIEL, J., U.S.G.S. PI - ANDERSON, DR. R., AMERICAN UNIV.	GEOGRAPHY/HYDROLOGY
245	EJ	MARBLE, COLORADO PI - OFFIELD, T.W., U.S.G.S., DENVER,	GEOLOGY
246	EJ	GILA RIVER, ARIZONA PI - TURNER, R.M., U.S.G.S., WASH., D.C.	HYDROLOGY
247	GH	AUTEC/ANDROS ISLAND, BAHAMAS PI - ZAITZEFF, J.B., NASA/MSC, HOUSTON, PI - STREES, L., NAVOCEANO, WASH., D.C.	OCEANOGRAPHY
248	GJ	NORTH CAROLINA COAST PI - MAIRS, R., NAVOCEANO, WASH., D.C.	OCEANOGRAPHY
249	GJ	GUYANDOTTE RIVER, WEST VIRGINIA PI - BONNETT, R., MARSHALL UNIVERSITY,	HYDROLOGY/ECOLOGY
250	GJ	INDIANA GRAIN BELT PI - MACDONALD, R.B., PURDUE UNIVERSITY,	AGRICULTURE
251	GJ	DESTIN, FLORIDA PI - MC INTIRE, W.S., I.S.U., BATON ROUGE	OCEANOGRAPHY
252	GJ	CHESAPEAKE BAY, MARYLAND/VIRGINIA PI - BETTLE, J., NASA/WALLOPS ST., VA.	HYDROLOGY
253	FH	CENTRAL GULF COASTAL AREA PI - MOORLAG, S., U.S.G.S., WASH., D.C. PI - WRAY, J., U.S.G.S., WASHINGTON, D.C.	GEOGRAPHY
254		PI - WRAY, J., U.S.G.S., WASHINGTON, D.C. CALIFORNIA COASTAL AREA PI - WRAY, J., U.S.G.S., WASHINGTON, D.C. PI - MOORLAG, S., U.S.G.S., WASH., D.C.	GEOGRAPHY



SITE	ZONE	TEST SITE NAME	DISCIPLINE
255	FJ	NORTH HIGH PLAINS, SOUTH DAKOTA PI - MYERS, V.I., SOUTH DAKOTA STATE U.	HYDROLOGY
256	FH	TRINITY BAY, TEXAS PI - ZAITZEF, J.B., NASA/MSC, HOUSTON,	OCEANOGRAPHY
257	FJ	TRINITY RIVER, TEXAS PI - URBANOVSKY, E.J., TEXAS TECH, PI - TAYLOR, P.	HYDROLOGY
258	GJ	PITTSBURG, PENNSYLVANIA	GEOGRAPHY
259	EJ	ARETS (ARIZONA REGIONAL ECOLOGICAL TEST SITE)	ECOLOGY
260	EJ	CALIFORNIA (FEATHER RIVER PROJECT)	ECOLOGY
261	EJ	JORNADA BIONE, NEW MEXICO	ECOLOGY/HYDROLOGY
262	FJ	ENCHANTED ROCK, TEXAS	GEOLOGY
263	FJ	GUADALUPE MTS, TEX/N.M.	GEOLOGY
264	EJ	PAINTED DESERT/PETRIFIED FOREST, ARIZONA	GEOLOGY
265	GH	LOUISIANA GULF COAST	OCEANOGRAPHY
266	GJ	EVANSVILLE, INDIANA	GEOGRAPHY
267	FJ	JUNCTION CITY, TEXAS	GEOGRAPHY
268	DJ	MT. DIABLO, CALIFORNIA	AGRICULTURE
269	FK	NORTH GREAT PLAINS, SOUTH DAKOTA	GEOGRAPHY
270	GJ	NORTHERN MISSISSIPPI	ECOLOGY
271	EJ	BLACK MESA, ARIZONA PI - HEHKES, W.	GEOGRAPHY
272	FJ	OKLAHOMA CITY, OKLAHOMA	ECOLOGY
273	GJ	ALLEGHANY RIVER, PENNSYLVANIA PI - DOUGLASS, DR. R., PA. STATE UNIV.,	OCEANOGRAPHY
274	FH	TEXAS GULF COAST	AGRICULTURE
275	FJ	BIG SPRINGS, TEXAS	GEOLOGY
276	EJ	SAN BERNARDINO/ANIMAS VALLEYS, ARIZONA/NEW MEXICO	AGRICULTURE
277	FJ	CORN BELT	OCEANOGRAPHY
278	FH	FLOWER GARDENS (CORAL REEF)	GEOGRAPHY
279	GJ	SOUTHEASTERN MICHIGAN	GEOGRAPHY
280	GJ	MILWAUKEE/GREEN BAY CORRIDOR	ECOLOGY
281	GJ	MSS TEST SITE	AGRICULTURE
282	GJ	INGHAM COUNTY, MICHIGAN	ECOLOGY
283	FH	FLOUR BLUFF, TEXAS	GEOLOGY
701	FH	EL ORO/TLALPUJAHUA, MEXICO PI - DEL CAMPO, C., MEXICO	GEOLOGY
702	FH	IXTLAN DE LOS HERVORES/LOS NEGRITOS, MEXICO PI - VALLE, R., MEXICO	AGRICULTURE
703	FH	TOLUCA IXTLAHUACA, MEXICO PI - DE LA MORA, J., BRAZIL PI - TRUJILLO, A., MEXICO PI - SANDOVAL, F., MEXICO PI - GARZA, G., MEXICO PI - FIGUERO, G., MEXICO	HYDROLOGY
704	FH	CHAPINGO, MEXICO PI - TAKEDA, J., MEXICO PI - PORRAS, J., MEXICO PI - NUNEZ, K., MEXICO PI - FERNANDEZ, R., MEXICO	AGRICULTURE FORESTRY
705	FH	VERACRUZ, MEXICO PI - VASQUEZ, A., MEXICO	OCEANOGRAPHY
706	FH	PAPALOAPAN BASIN, MEXICO PI - RODRIQUEZ, A., MEXICO PI - PENICHE, A., MEXICO PI - MARTINEZ, R., MEXICO PI - ALTAMIRANO, M., MEXICO	AGRICULTURE FORESTRY/HYDROLOGY
707	FH	CUATROCIENEGAS, MEXICO PI - TEJERO, C.	GEOLOGY
708	FH	SAN JOSE DE LAS RUSIAS, MEXICO PI - TEJERO, C.	GEOLOGY
710	JH	BOMEX PI - BARNETT, T., NASA/MSC, HOUSTON, PI - WHITEHEAD, V., NASA/MSC, HOUSTON,	OCEANOGRAPHY

SITE	ZONE	TEST SITE NAME	DISCIPLINE
711	GH	JAMAICA, WEST INDIES	HYDROLOGY/GEOLOGY GEOGRAPHY AGRICULTURE AGRICULTURE
801	JE	CAMPINAS, BRAZIL PI - COELHO, A., BRAZIL	AGRICULTURE
802	KE	IPEACS (KM-47), BRAZIL PI - CARVALHO, L., BRAZIL	GEOLOGY
803	KE	QUADRILATEIRO FERRIFERO, BRAZIL PI - OLIVEIRA, G., BRAZIL	GEOGRAPHY/HYDROLOGY
804	KE	RIO DE JANEIRO, BRAZIL PI - PENNA, F. PI - LANGER, B., BRAZIL	OCEANOGRAPHY
805	KE	CABO FRIO, BRAZIL PI - ALMEIDA, E., BRAZIL	GEOGRAPHY
851	GF	PERU (EARTHQUAKE) PI - AMSBURY, D., NASA/MSC, HOUSTON, TEX.	GEOGRAPHY
901	HE	GREAT CHACO REGION, ARGENTINA PI - MORELLO, J., INTA, ARGENTINA	AGRICULTURE GEOGRAPHY
992	FH	FIREANT, (TEXAS)	AGRICULTURE GEOGRAPHY
993	GH	TITUSVILLE, FLORIDA PI - PILAND, R.O., NASA/MSC, HOUSTON,	GEOLOGY/GEOGRAPHY
994	EJ	EL PASO, TEXAS PI - AMSBURY, D., NASA/MSC, HOUSTON, TEX.	GEOLOGY/GEOGRAPHY
995	FJ	ANSON/SNYDER, TEXAS	GEOLOGY/GEOGRAPHY
996	FJ	DALLAS/FT. WORTH, TEXAS PI - CHESNUTWOOD, C.M., NASA/MSC, TEXAS PI - MOORLAG, S., U.S.G.S., WASH., D.C. PI - SIMONETT, D.S., UNIV. OF KANSAS,	GEOLOGY/GEOGRAPHY
997	GH	CAPE KENNEDY, FLORIDA PI - EGGLESTON, J., NASA/MSC, TEXAS PI - DORNBACH, J., NASA/MSC, TEXAS	GEOLOGY

Reproduced from  
best available copy.

CONTENTS OF VOLUME I

Description

PART I TECHNICAL DOCUMENTS AND MAPS . . . . .	1
A - Agriculture . . . . .	2
Section 1 - Site Maps - Agriculture . . . . .	3
Section 2 - Site Descriptions - Agriculture . . . . .	4
Section 3 - Aircraft Mission Requests - Agriculture . . . . .	5
Section 4 - Mission Screening and Summary Reports - Agriculture .	6
Section 5 - (Vacant)	
Section 6 - Division Bibliography - Agriculture . . . . .	7
Section 7 - Summary Reports - Agriculture . . . . .	8
Section 8 - Subject Related Documents - Agriculture . . . . .	9
Section 9 - Technical Reports - Agriculture . . . . .	10
B - Cartography . . . . .	20
Section 5 - (Vacant)	
Section 6 - Division Bibliography - Cartography . . . . .	21
Section 7 - Summary Reports - Cartography . . . . .	21
Section 8 - Subject Related Documents - Cartography . . . . .	21
Section 9 - Technical Reports - Cartography . . . . .	28
C - Forestry . . . . .	38
Section 1 - Site Maps - Forestry . . . . .	39
Section 2 - Site Descriptions - Forestry . . . . .	39
Section 4 - Mission Screening and Summary Reports - Forestry . .	40

Section 5 - (Vacant)	
Section 6 - Division Bibliography - Forestry . . . . .	41
Section 8 - Subject Related Documents - Forestry . . . . .	44
Section 9 - Technical Reports - Forestry . . . . .	45
D - Geography . . . . .	53
Section 1 - Site Maps - Geography . . . . .	54
Section 2 - Site Descriptions - Geography . . . . .	57
Section 3 - Aircraft Mission Requests - Geography . . . . .	58
Section 4 - Mission Screening and Summary Reports - Geography. .	60
Section 5 - (Vacant)	
Section 6 - Division Bibliography - Geography . . . . .	61
Section 7 - Summary Reports - Geography . . . . .	62
Section 8 - Subject Related Documents - Geography . . . . .	63
Section 9 - Technical Reports - Geography . . . . .	66
E - Geology . . . . .	81
Section 1 - Site Maps - Geology . . . . .	82
Section 2 - Site Descriptions - Geology . . . . .	84
Section 3 - Aircraft Mission Requests - Geology . . . . .	85
Section 4 - Mission Screening and Summary Reports - Geology . .	89
Section 5 - (Vacant)	
Section 6 - Division Bibliography - Geology . . . . .	90
Section 7 - Summary Reports - Geology . . . . .	94
Section 8 - Subject Related Documents - Geology . . . . .	94
Section 9 - Technical Reports - Geology . . . . .	101

F - Hydrology . . . . .	132
Section 1 - Site Maps - Hydrology . . . . .	133
Section 2 - Site Descriptions - Hydrology . . . . .	135
Section 3 - Aircraft Mission Requests - Hydrology . . . . .	136
Section 4 - Mission Screening and Summary Reports - Hydrology .	138
Section 5 - (Vacant) . . . . .	
Section 6 - Division Bibliography - Hydrology . . . . .	139
Section 7 - Summary Reports - Hydrology . . . . .	140
Section 8 - Subject Related Documents - Hydrology . . . . .	140
Section 9 - Technical Reports - Hydrology . . . . .	144
G - Oceanography . . . . .	157
Section 1 - Site Maps - Oceanography . . . . .	158
Section 2 - Site Descriptions - Oceanography . . . . .	160
Section 3 - Aircraft Mission Requests - Oceanography . . . . .	160
Section 4 - Mission Screening and Summary Reports - Oceanography	162
Section 5 - (Vacant)	
Section 6 - Division Bibliography - Oceanography . . . . .	163
Section 7 - Summary Reports - Oceanography . . . . .	168
Section 8 - Subject Related Documents - Oceanography . . . . .	169
Section 9 - Technical Reports - Oceanography . . . . .	177
H - Multisubject . . . . .	216
Section 1 - Site Maps - Multisubject . . . . .	217
Section 2 - Site Descriptions - Multisubject . . . . .	217
Section 3 - Air craft Mission Requests - Multisubject . . . . .	218

Section 4 - Mission Screening and Summary Reports - Multisubject	218
Section 5 - (Vacant)	
Section 6 - Division Bibliography - Multisubject . . . . .	223
Section 7 - Summary Reports - Multisubject . . . . .	236
Section 8 - Subject Related Documents - Multisubject . . . . .	241
Section 9 - Technical Reports - Multisubject . . . . .	352
P - Program Documents . . . . .	414
Section 3 - Aircraft Mission Requests - Program Documents . . .	415
Section 6 - Division Bibliography - Program Documents . . . . .	415
Section 7 - Summary Reports - Program Documents . . . . .	438
Section 9 - Technical Reports - Program Documents . . . . .	440
PART II SATELLITE DATA . . . . .	445
Section 50 - Gemini Film and Document Data File . . . . .	446
Section 51 - Apollo Film and Document Data File . . . . .	449
Section 52 - Earth Resources Technolgical Satellites (ERTS) . .	455
Section 53 - Sky Lab . . . . .	462
Section 54 - Space Stations . . . . .	465
PART III SPECIAL DATA TYPES . . . . .	466
Section 11 - (Temporarily Vacant)	

CONTENTS OF COMPANION VOLUME II

Description

PART IV FUNCTIONAL AND CHECK-OUT DATA . . . . .	1
Section 10 - Inflight Records (Strip-charts, temp. recordings ect)	2
PART V IMAGERY DATA . . . . .	5
Section 20 - Multiband Camera (Itek-9 Lens) . . . . .	6
Section 21 - RS-14 Dual Channel IR Scanner (Texas Instruments).	10
Section 22 - RC-8 Camera (Wild-Heerbrugg) . . . . .	15
Section 23 - Reconofax IV IR Scanner (HRB Singer) . . . . .	81
Section 24 - AAS-5 UV Camera (HRB Singer) . . . . .	91
Section 25 - Nikon Data Panel K-17 Camera (Chicago Aerial-Univ. of Michigan Configuration) . . . . .	93
Section 26 - T-11 Camera (Fairchild). . . . .	98
Section 27 - APS Camera (Maurer). . . . .	100
Section 28 - Radiometer Scanner IR (Block Engineering Co.). . .	100
Section 29 - RS-7 Scanner (Texas Instruments) . . . . .	100
Section 30 - K-17 Camera (Chicago Aerial) . . . . .	102
Section 31 - Hasselblad Camera 6" . . . . .	102
Section 33 - APQ-97 SLAR (Westinghouse) . . . . .	105
Section 34 - Reconofax IV Camera (HRB Singer) . . . . .	108
Section 35 - Zeiss RMK 30/23 Camera, 12" . . . . .	110
Section 36 - Hasselblad Cluster - Camera A . . . . .	123
Section 37 - Hasselblad Cluster - Camera B . . . . .	141

Section 38 - Hasselblad Cluster - Camera C . . . . .	159
Section 39 - Hasselblad Cluster - Camera D . . . . .	177
Section 40 - Hasselblad Cluster - Camera E . . . . .	194
Section 41 - Hasselblad Cluster - Camera F . . . . .	210
Section 45 - DPD-2 SLAR (Philco-Ford). . . . .	223
Section 46 - KA-62A Camera (Chicago Aerial). . . . .	228
Section 47 - KA-62B Camera (Chicago Aerial). . . . .	234
Section 48 - KA-62C Camera (Chicago Aerial). . . . .	237
Section 49 - KA-62D Camera (Chicago Aerial). . . . .	240
PART VI ELECTRONIC DATA. . . . .	247
Section 75 - Central Metric Data File. . . . .	248
Section 76 - Processed Electronic Data . . . . .	292



**PART I - TECHNICAL DOCUMENTS AND MAPS**

# AGRICULTURE

# AGRICULTURE

## SECTION A1 - SITE MAPS

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-A1-DJ-007-00007	SITE 007-COAST RANGE, ORE./WASH.	DETAIL	17 X 20
NR-A1-DJ-007-00093	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-A1-DJ-007-00094	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-A1-DJ-007-00095	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-A1-DJ-007-00096	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-A1-DJ-007-00097	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-A1-DJ-020-00037	SITE 020-BUCKS LAKE, CALIF.	DETAIL	17 X 22
NR-A1-DJ-020-00113	SITE 020-BUCKS LAKE, CALIFORNIA	REGIONAL	17 X 22
NR-A1-FH-032-00018	SITE 032-WESLACO, TEX.	REGIONAL	17 X 22
NR-A1-FH-032-00052	SITE 032-WESLACO, TEX.	DETAIL	17 X 22
NR-A1-FH-032-00070	SITE 032-WESLACO, TEXAS	REGIONAL	17 X 22
NR-A1-FH-032-00131	SITE 032-WESLACO, TEXAS	REGIONAL	17 X 22
NR-A1-FH-032-00135	SITE 032-WESLACO, TEXAS	REGIONAL	17 X 22
NR-A1-FH-032-00178	SITE 032-WESLACO, TEXAS	REGIONAL	17 X 22
NR-A1-GJ-044-00076	SITE 044-PURDUE, INDIANA	REGIONAL	17 X 22
NR-A1-GJ-044-00088	SITE 044-PURDUE, INDIANA	REGIONAL	17 X 22
NR-A1-GJ-044-00163	SITE 044-PURDUE, INDIANA	REGIONAL	17 X 22
NR-A1-GJ-044-00179	SITE 044-PURDUE, INDIANA	REGIONAL	17 X 22
NR-A1-GJ-044-00183	SITE 044-PURDUE, INDIANA	REGIONAL	17 X 22
NR-A1-DJ-048-00098	SITE 048-SAN PABLO RESERVOIR, CALIF.	REGIONAL	17 X 22
NR-A1-DJ-048-00170	SITE 048-SAN PABLO RESERVOIR, CALIF.	REGIONAL	17 X 22
NR-A1-FJ-076-00033	SITE 076-GARDEN CITY, KANSAS	REGIONAL	17 X 22
NR-A1-FJ-076-00087	SITE 076-GARDEN CITY, KANSAS	REGIONAL	17 X 22
NR-A1-FJ-076-00125	SITE 076-GARDEN CITY, KANSAS	REGIONAL	17 X 22
NR-A1-FJ-076-00175	SITE 076-GARDEN CITY, KANSAS	REGIONAL	17 X 22
NR-A1-FJ-076-00184	SITE 076-GARDEN CITY, KANSAS	REGIONAL	17 X 22
NR-A1-FJ-076-00201	SITE 076-GARDEN CITY, KANSAS	REGIONAL	17 X 22
NR-A1-DJ-135-00040	SITE 135-HARVEY VALLEY, CALIF.	DETAIL	17 X 22
NR-A1-DJ-135-00111	SITE 135-HARVEY VALLEY, CALIFORNIA	REGIONAL	17 X 22
NR-A1-GJ-153-00083	SITE 153-ANNAPOLIS, MARYLAND	REGIONAL	17 X 22

## SITE MAPS - AGRICULTURE

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-A1-GJ-153-00086	SITE 153-ANNAPOLIS, MARYLAND	DETAIL	17 X 22
NR-A1-DK-156-00100	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-A1-DK-156-00101	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-A1-DK-156-00102	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-A1-DK-156-00112	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-A1-DK-156-00186	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-A1-DK-156-00187	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-A1-DK-156-00188	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-A1-DK-156-00189	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-A1-DJ-159-00117	SITE 159-HORSEFLY MOUNTAIN, OREGON	REGIONAL	17 X 22
NR-A1-FH-703-00261	SITE 703-TOLUCA/IXTLAHUACA, MEXICO (1) AND (2)	REGIONAL	17 X 22
NR-A1-FH-704-00262	SITE 704-CHAPINGO, MEXICO	REGIONAL	17 X 22
NR-A1-FH-706-00264	SITE 706-PAPALOAPAN BASIN, MEXICO	REGIONAL	17 X 22

## SECTION A2 - SITE DESCRIPTIONS

ACCESSION NUMBER	DESCRIPTION
NR-A2-DJ-007-00006	SITE 007-COAST RANGE, OREGON/WASHINGTON
NR-A2-EJ-008-00055	SITE 008-SOUTH OREGON STRIP, OREGON
NR-A2-GJ-044-00025	SITE 044-PURDUE, INDIANA
NR-A2-GJ-088-00040	SITE 088-MISSISSIPPI VALLEY, MISSOURI/TENNESSEE
NR-A2-GH-098-00046	SITE 098-HONESTEAD, FLA.

# SECTION A3

## AIRCRAFT MISSION REQUESTS

ACCESSION NUMBER	DESCRIPTION
NR-A3-DJ-007-00003	SITE 007-COAST RANGE, OREGON/WASHINGTON (1)
NR-A3-EJ-008-00004	SITE 008-SOUTH OREGON STRIP, OREGON (1)
NR-A3-DJ-020-00077	SITE 020-BUCKS LAKE, CALIFORNIA (1)
NR-A3-DJ-020-00078	SITE 020-BUCKS LAKE, CALIFORNIA (2)
NR-A3-FH-032-00087	SITE 032-WESLACO, TEXAS (1)
NR-A3-FH-032-00088	SITE 032-WESLACO, TEXAS (2)
NR-A3-FH-032-00089	SITE 032-WESLACO, TEXAS (3)
NR-A3-FH-032-00090	SITE 032-WESLACO, TEXAS (4)
NR-A3-FH-032-00091	SITE 032-WESLACO, TEXAS (5)
NR-A3-FH-032-00210	SITE 032-WESLACO, TEXAS (6)
NR-A3-FH-032-00326	SITE 032-WESLACO, TEXAS (7)
NR-A3-FH-032-00339	SITE 032-WESLACO, TEXAS (8)
NR-A3-GJ-044-00101	SITE 044-PURDUE, INDIANA (1)
NR-A3-GJ-044-00102	SITE 044-PURDUE, INDIANA (2)
NR-A3-GJ-044-00283	SITE 044-PURDUE, INDIANA (3)
NR-A3-GJ-044-00340	SITE 044-PURDUE, INDIANA (4)
NR-A3-DJ-048-00104	SITE 048-SAN PABLO RESERVOIR, CALIFORNIA (1)
NR-A3-DJ-048-00105	SITE 048-SAN PABLO RESERVOIR, CALIFORNIA (2)
NR-A3-GH-098-00034	SITE 098-HOMESTEAD, FLORIDA (1)
NR-A3-DJ-135-00158	SITE 135-HARVEY VALLEY, CALIFORNIA (1)
NR-A3-DJ-135-00159	SITE 135-HARVEY VALLEY, CALIFORNIA (2)
NR-A3-DJ-135-00160	SITE 135-HARVEY VALLEY, CALIFORNIA (3)
NR-A3-FJ-149-00171	SITE 149-BLACK HILLS, SOUTH DAKOTA (1)
NR-A3-FJ-149-00172	SITE 149-BLACK HILLS, SOUTH DAKOTA (2)
NR-A3-FJ-149-00173	SITE 149-BLACK HILLS, SOUTH DAKOTA (3)
NR-A3-FJ-149-00222	SITE 149-BLACK HILLS, SOUTH DAKOTA (4)
NR-A3-DK-156-00185	SITE 156-WIND RIVER, WASHINGTON (1)
NR-A3-DK-156-00186	SITE 156-WIND RIVER, WASHINGTON (2)
NR-A3-DK-156-00187	SITE 156-WIND RIVER, WASHINGTON (3)

AIRCRAFT MISSION REQUESTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A3-GJ-191-00358	SITE 191-WASHTENAW COUNTY, MICHIGAN (3)
NR-A3-FJ-195-00307	SITE 195-BROOKINGS, SOUTH DAKOTA (1)
NR-A3-FJ-195-00321	SITE 195-BROOKINGS, SOUTH DAKOTA (2)
NR-A3-EK-207-00318	SITE 207-MOSES LAKE, WASHINGTON (1)
NR-A3-FJ-184-00299	SITE 184-CHICKASHA, OKLAHOMA (1)
NR-A3-GJ-190-00350	SITE 190-ANN ARBOR, MICHIGAN (2)
NR-A3-GJ-191-00303	SITE 191-WASHTENAW COUNTY, MICHIGAN (1)
NR-A3-GJ-191-00317	SITE 191-WASHTENAW COUNTY, MICHIGAN (2)

## SECTION A4 - MISSION SCREENING AND SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-A4-FH-032-B0016	MISSION NO. 16 SITE 032
NR-A4-FH-032-B0017	MISSION NO. 17 SITE 032
NR-A4-FH-032-B0024	MISSION NO. 24 SITE 032
NR-A4-FH-032-B0027	MISSION NO. 27 SITE 032
NR-A4-GJ-250-BM028	MISSION NO. 28M, SITE 250
NR-A4-FH-032-B0035	MISSION NO. 35 SITE 032
NR-A4-GJ-277-BM038	MISSION 38M, EARTH RESOURCES AIRCRAFT PROGRAM MISSION REPORT SITE 277--CORN BELT. MAY 17, 21, 22, 1971.
NR-A4-FH-032-B0051	MISSION NOS. 51, 951 SITE 032
NR-A4-GJ-044-B0052	MISSION NO. 52 SITE 044
NR-A4-FH-032-B0064	MISSION NO. 64 SITE 32.
NR-A4-GJ-250-A0151	MISSION 151, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 250
NR-A4-GJ-250-C0151	MISSION 151 - METEOROLOGICAL DATA FOR EARTH RESOURCES AIRCRAFT PROGRAM. SITE 250, INDIANA GRAIN BELT (INDIANA). COMPILED BY THE ESSA WEATHER BUREAU, DETROIT, MICHIGAN - INDIANAPOLIS, INDIANA. SEPTEMBER 1970. (IN TWO PARTS)
NR-A4-FJ-277-C0166	MISSION 166- METEOROLOGICAL DATA, MAY 12-30, 1971. SPACEFLIGHT METEOROLOGY GROUP, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JUNE 1971, 3 ENVELOPES.
NR-A4-GJ-250-C0171	MISSION 171, CORN BELT, PHASE I (12 APRIL-3 MAY 1971) RAW WEATHER DATA. SPACEFLIGHT METEOROLOGY GROUP, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. MAY 1971. SURFACE AND UPPER AIR, FAX CHARTS, RAOB'S FOR APRIL 16, 22-24, 28, 30, MAY 1, 3, CLOUD ATS-3 PHOTO FOR APRIL 22 THROUGH MAY 3, 1971.

# SECTION A6 - DIVISION BIBLIOGRAPHY

- | ACCESSION NUMBER   | DESCRIPTION   |
|--------------------|---|
| NR-A6-FJ-149-00005 | QUARTERLY STATUS REPORT FOR THE PERIOD OCTOBER 1, 1965 TO APRIL 1, 1966. AGRICULTURAL RESEARCH SERVICE, UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C. NASA CONTRACT NO. R-09-038-002.   |
| NR-A6-FH-998-00012 | FIRST QUARTERLY PROGRESS REPORT OF THE LABORATORY FOR AGRICULTURAL REMOTE SENSING. PERIOD ENDING MARCH 31, 1966. LABORATORY FOR AGRICULTURAL REMOTE SENSING, PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA. CONTRACT NUMBER NGR-15-005-028.  |
| NR-A6-GJ-044-00019 | REMOTE MULTISPECTRAL SENSING IN AGRICULTURE. SEMI-ANNUAL PROGRESS REPORT - MAY 1, 1966. R.A. HOLMES, DEPARTMENT OF ELECTRICAL ENGINEERING, AND R.M. HOFFER, DEPARTMENT OF BOTANY AND PLANT PATHOLOGY, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. CONTRACT NUMBER NGR-15-005-028. STAR X66-20469.  |
| NR-A6-FH-998-00179 | SPECTRAL SURVEY OF IRRIGATED REGION CROPS AND SOILS. (ANNUAL REPORT). REPORT NO. 160-75-01-07-10. U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS. SEPTEMBER 1969. CONTRACT NUMBER R-09-038-002. STAR N70-17517.   |
| NR-A6-GJ-044-00193 | INVESTIGATIONS OF SPECTRUM MATCHING SENSING IN AGRICULTURE. FINAL REPORT, MAY 1964 - MARCH 1967. VOL. 1, FABIAN C. POLCYN, UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LABORATORIES, ANN ARBOR, MICHIGAN. NOVEMBER 1967. CONTRACT NO. NSG 715/23-05-071. STAR N68-13477.  |
| NR-A6-GJ-044-00197 | INVESTIGATION OF SPECTRUM-MATCHING SENSING IN AGRICULTURE. SEMI-ANNUAL REPORT, 1 DECEMBER 1965 THROUGH 30 SEPTEMBER 1966, VOL. 1. FABIAN C. POLCYN, INFRARED AND OPTICAL SENSOR LABORATORY, WILLOW RUN LABORATORIES, INSTITUTE OF SCIENCE AND TECHNOLOGY, THE UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. CONTRACT NO. NSG 715/23-05-071. STAR N68-10268.                              |
| NR-A6-00-000-00204 | FACTORS AND PROCEDURES INFLUENCING THE RELIABILITY OF AGRICULTURAL DATA FROM EARTH ORBITING SENSOR SYSTEMS. FINAL REPORT. BILL MULLINS, SYSTEMS TECHNOLOGY AND APPLIED RESEARCH CORP., DALLAS, TEXAS. JUNE 1967. CONTRACT NUMBER 12-17-04-1-295. STAR N68-11810.  |
| NR-A6-DJ-998-00209 | THE USEFULNESS OF THERMAL INFRARED AND RELATED IMAGERY IN THE EVALUATION OF AGRICULTURAL RESOURCES. FINAL REPORTS VOL. I, AND II. ROBERT N. COLWELL, JOHN E. ESTES, CLIFFORD E. TIEDEMANN, AND JAMES E. FLEMING, UNIVERSITY OF CALIF. REMOTE SENSING LAB., BERKELEY, CALIF. SEPTEMBER 30, 1966. CONTRACT NUMBERS R-09-038-002 AND 12-14-100-8316(20). STAR N66-39715 AND N66-39305. |
| NR-A6-EJ-027-00230 | INTERACTION OF ELECTROMAGNETIC ENERGY WITH AGRICULTURAL CROPS. CRAIG L. WIEGAND, W. GAUSMAN, WILLIAM A. ALLEN AND ROSS W. LEAMER, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS. SEPTEMBER 1969. CONTRACT NO. R-09-038-002.  |
| NR-A6-GJ-044-00232 | AUTOMATIC IDENTIFICATION AND CLASSIFICATION OF WHEAT BY REMOTE SENSING. RESEARCH PROGRESS REPORT 279. DAVID A. LANDGREBE, PURDUE UNIVERSITY, LABORATORY FOR REMOTE SENSING, LAFAYETTE, INDIANA. MARCH 1967.   |
| NR-A6-GJ-998-00241 | INVESTIGATIONS OF SPECTRUM-MATCHING TECHNIQUES FOR REMOTE SENSING IN AGRICULTURE. INTERIM REPORT, MARCH 1967 THRU DEC. 1967. VOL. 1. P.G. HASELL, ET. AL., UNIVERSITY OF MICHIGAN, WILLOW RUN LAB., INSTITUTE OF SCIENCE AND TECHNOLOGY, ANN ARBOR, MICHIGAN. JULY 1968. CONTRACT NUMBERS USDA 12-14-100-8923 (20) AND USDA 12-14-100-9503 (20).                                    |

DIVISION BIBLIOGRAPHY - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A6-EJ-998-00289	AGRICULTURAL APPLICATIONS AND REQUIREMENTS PROGRAMS, QUARTERLY PROGRESS REPORT-2, JAN.-MAR. 1969. PURDUE UNIVERSITY, LAFAYETTE, INDIANA. STAR N70-15752. MICROFICHE COPY.

## SECTION A7 - SUMMARY REPORTS


ACCESSION NUMBER	DESCRIPTION
NR-A7-GJ-998-00013	REMOTE MULTISPECTRAL SENSING IN AGRICULTURE. COVERING JAN. - AUG. 1966. J. RALPH SHAY, PURDUE UNIVERSITY, AGRICULTURAL EXPERIMENT STATION, LABORATORY FOR AGRICULTURAL REMOTE SENSING, LAFAYETTE, INDIANA. JULY 1967. CONTRACT NUMBERS NGR-15-005-028 AND 12-14-100-8307(20). PUBLISHED IN RESEARCH BULLETIN NO. 832, LABORATORY FOR AGRICULTURAL REMOTE SENSING, VOL. NO. 2, (ANNUAL REPORT) JULY 1967.
NR-A7-00-000-00052	AN APPRAISAL OF THE POTENTIAL FOR AGRICULTURAL RESOURCE SURVEYS BY REMOTE SENSING. SUMMARY REPORT. NASA CR-103704. U.S. DEPT. OF AGRICULTURE, ECONOMIC RESEARCH SERVICE, WASHINGTON, D.C. MARCH 1969. CONTRACT NUMBERS R-09-038-001 AND R-09-038-002. STAR N69-33491.
NR-A7-GJ-044-00056	REMOTE MULTISPECTRAL SENSING IN AGRICULTURE. PURDUE UNIV., AGRICULTURAL EXPERIMENT STATION AND THE SCHOOL OF ELECTRICAL ENGINEERING, LAFAYETTE, INDIANA. PUBLISHED IN LABORATORY FOR AGRICULTURAL REMOTE SENSING, (RESEARCH BULLETIN NO. 844) ANNUAL REPORT, VOL. 3, SEPT. 1966 - NOV. 1967.
NR-A7-EJ-998-00066	NASA SUPPORTED REMOTE SENSING ACTIVITIES AT THE UNIVERSITY OF MICHIGAN WILLOW RUN LABORATORIES, SEPT. 1969 ANNUAL REPORT. M.R. HOLTER, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. PRESENTED AT THE EARTH RESOURCES AIRCRAFT PROGRAM REVIEW, SECOND ANNUAL, NASA-MSC, HOUSTON, TEXAS, SEPT. 1969.



# SECTION A8

## SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-A8-00-000-00009	REPORT OF WORK UNDER NASA TRANSFER OF FUNDS TO THE ECONOMIC RESEARCH SERVICE, USDA; DEPARTMENT OF AGRICULTURE, R-08-008-001 STAR X69-74556
NR-A8-00-000-00083	ADAPTATION OF A LINEAR TRANSDUCER FOR MEASURING LEAF THICKNESS. REPRINTED FROM AGRONOMY JOURNAL, VOL. 60, SEPT.-OCT. 1968, P. 578-579. CONTRACT NO. 160-75-01-07-10. M.D. HEILMAN, C.L. GONZALEZ, W.A. SWANSON, AND W.J. RIPPERT, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS
NR-A8-00-000-00162	NEUTRON SCATTERING AND SOIL MOISTURE. CHARLES P. FISHER, NORTH CAROLINA STATE UNIVERSITY, RALEIGH, NORTH CAROLINA. 1961.
NR-A8-00-000-00184	CONTRIBUTIONS OF AUTOMATIC CROP SURVEYS TO AGRICULTURAL DEVELOPMENT. P.M. HOFFER, C.J. JOHANNSEN, ET AL., LAB. FOR AGRICULTURAL REMOTE SENSING, PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA. PRESENTED AT THE 4TH ANNUAL MEETING AND TECHNICAL DISPLAY OF THE AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, ANAHEIM, CALIFORNIA. OCTOBER 1967. AIAA PAPER NO. 67-766.
NR-A8-00-000-00292	AN EVALUATION OF CROP AND LAND USE DATA IN A WORLD SAMPLE OF COUNTRIES. NASA CR-103944. SIMON BAKER, U.S. DEPT. OF AGRICULTURE, ECONOMIC RESEARCH SERVICE, WASHINGTON, D.C. NOVEMBER 1968. STAR N69-34879.
NR-A8-00-000-00345	REMOTE SENSING OF CROP WATER DEFICITS AND ITS POTENTIAL APPLICATIONS. AN ANNOTATED BIBLIOGRAPHY. TECHNICAL REPORT RSC-06. W.P. DAVID, TEXAS A + M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. SEPTEMBER 1969. MICROFICHE AND HARD COPY.
NR-A8-00-000-00346	REMOTE SENSING OF CROP WATER DEFICITS - BIBLIOGRAPHY WITH ABSTRACTS. TECHNICAL REPORT RSC-07. W.P. DAVID, TEXAS A + M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. SEPTEMBER 1969.
NR-A8-00-000-00451	METHODS FOR COMPILING LARGE-SCALE SOILS MAPS USING AERIAL PHOTOGRAPHS. YU. A. LIVEROVSKII, ACADEMY OF SCIENCES, USSR. 1969. STAR N70-14553. AD-694 579. MICROFICHE COPY.
NR-A8-00-000-00605	WORLDWIDE USE OF AIRPHOTOS IN AGRICULTURE. AGRICULTURE HANDBOOK NO. 344. HENRY W. DILL, JR., U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. SEPT. 1967.
NR-A8-00-000-00721	RELATION OF LIGHT REFLECTANCE TO COTTON LEAF MATURITY (GOSSYPIMUM HIRSUTUM L.) H.W. GAUSMAN, W.A. ALLEN, R. CARDENAS, AND A.J. RICHARDSON, U.S. DEPT. OF AGRICULTURE, SOUTHERN PLAINS BRANCH, WESLACO, TEXAS. IN INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICH., OCT. 1969, PROCEEDINGS, VOL. 2. PP.1123-1141.
NR-A8-00-000-00891	MANUAL FOR USING AERIAL PHOTOGRAPHS IN SOIL MAPPING. transl. OF MONOGRAPH, METODICHESKOE RUKOVODSTVO PO ISPOLZOVANIYU MATERIALOV AEROFOTOSENKI PRI POCHVENNOM KARTIROVANII, MOSCOW, SELSKOKHOZYOYSTVENNAYA AKADEMIYA, 1964, PP.1-64. REPORT NO. FSTC-HI-23-732-68. A.P. MERSHIN, (USSR). ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D.C., MAY 1970, 48P. MICROFICHE COPY. AD-708787 N70-40222
NR-A8-GJ-000-00946	THE LOOK OF OUR LAND--AN AIRPHOTO ATLAS OF THE RURAL UNITED STATES - NORTH CENTRAL. SIMON BAKER, AND HENRY W. DILL, JR., FLORIDA ATLANTIC UNIVERSITY, BOCA RATON, FLA. U.S. DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C. SEPT. 1970, 64P. USDA AGRICULTURE HANDBOOK 384.

  
 Reproduced from  
 best available copy.

SUBJECT RELATED DOCUMENTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A8-00-000-00958	PLANT-CANOPY IRRADIANCE SPECIFIED BY THE DUNTLEY EQUATIONS. WILLIAM A. ALLEN, T. VINCENT GAYLE, AND ARTHUR J. RICHARDSON, U.S. DEPT. OF AGRICULTURE, SOUTHERN PLAINS BRANCH, WESLACO, TEXAS. IN OPTICAL SOCIETY OF AMERICA, JOURNAL, VOL. 60, NO. 3, MARCH 1970. PP.372-376.
NR-A8-00-000-00959	RELATION OF LIGHT REFLECTANCE TO HISTOLOGICAL AND PHYSICAL EVALUATIONS OF COTTON LEAF MATURITY. H.W. GAUSMAN, W.A. ALLEN, R. CARDENAS, AND A.J. RICHARDSON, U.S. DEPT. OF AGRICULTURE, SOUTHERN PLAINS BRANCH, WESLACO, TEXAS. IN APPLIED OPTICS, VOL. 9, NO. 3, MARCH 1970. PP.545-552.
NR-A8-00-000-00960	DIFFERENTIAL CORRECTIONS APPLIED TO AN IZSAK-BORCHERS BALLISTIC TRAJECTORY. WILLIAM A. ALLEN, U.S. DEPT. OF AGRICULTURE, SOUTHERN PLAINS BRANCH, WESLACO, TEXAS. IN AIAA JOURNAL, VOL. 7, NO. 5, MAY 1969. PP.890-895.
NR-A8-00-000-01404	THE INFLUENCE OF ANONIA-INDUCED CELLULAR DISCOLORATION WITHIN COTTON LEAVES (GOSSYPOLIUM HIRSCUTUM L.) ON LIGHT REFLECTANCE, TRANSMITTANCE, AND ABSORPTANCE. R. CARDENAS, H.W. GAUSMAN, W.A. ALLEN, AND MARCIA SCHUPP, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, 1970. PP.199-202. CONTRACT NO. 160-75-01-07-10.
NR-A8-00-000-01479	CLIMATE AND AGRICULTURE - AN ECOLOGICAL SURVEY. JEN-HU CHANG, ASSOC. PROF., GEOGRAPHY AND CLIMATOLOGIST, WATER RESOURCES RESEARCH CENTER, UNIV. OF HAWAII. ALDINE PUBLISHING CO., CHICAGO, ILL. 1968, 320P. \$9.75.

## SECTION A9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-A9-GJ-044-00009	INVESTIGATIONS OF SPECTRUM-MATCHING SENSING IN AGRICULTURE. SEMIANNUAL REPORT, DEC. 1965 - SEPT. 1966. VOL. 1. FABIAN C. POLCYN, UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LABORATORIES, ANN ARBOR, MICHIGAN. SEPTEMBER 1967. NASA GRANT NO. NSG 715/23-05-071.
NR-A9-FJ-076-00049	THE POTENTIAL OF RADAR AS A REMOTE SENSOR IN AGRICULTURE: 1. A STUDY WITH K-BAND IMAGERY IN WESTERN KANSAS. CRES TECHNICAL REPORT 61-21. D.S. SIMONETT, J.E. EAGLEMAN, D.C. RHODES, AND D.E. SCHWARZ, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS, AND A.B. ERHART, KANSAS STATE UNIVERSITY, AGRICULTURAL EXPERIMENT STATION, GARDEN CITY, KANSAS. CONTRACT NUMBERS NSR 17-004-003 AND NSG-298. STAR N67-36003.
NR-A9-00-000-00256	ABUNDANCE OF MICROFLORA IN SOILS OF DESERT REGIONS. TECHNICAL REPORT 32-1378. ROY E. CAMERON, CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LABORATORY, PASADENA, CALIFORNIA. 15 MAY 1969. CONTRACT NO. NAS 7-100.

TECHNICAL REPORTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A9-EJ-027-00274	CROP SPECIES AND SOIL CONDITION DISCRIMINATION ON EKTACHROME INFRARED, APOLLO 9 IMAGERY AND INTERPRETATION OF AGRICULTURAL FEATURES ON SO-65 EXPERIMENT COLOR RECOMBINATIONS. CRAIG L. WIEGAND, ET. AL. U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS. 1969. CONTRACT NUMBER 160-75-01-07-10.
NR-A9-00-000-00280	RADAR REMOTE SENSING IN BIOLOGY. R.K. MOORE AND D.S. SIMONETT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MARCH 1967. PUBLISHED IN BIOSCIENCE, V. 17, NO. 6, JUNE 1967, P 384-390.
NR-A9-00-000-00283	VEGETATION ANALYSIS WITH RADAR IMAGERY. CRES REPORT 61-9. S.A. MORAIN AND D.S. SIMONETT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. A PAPER PRESENTED TO THE FOURTH SYMPOSIUM ON REMOTE SENSING OF THE ENVIRONMENT UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, APRIL 1966. STAR N67-13509.
NR-A9-DJ-159-00285	K-BAND RADAR IN VEGETATION MAPPING. CRES TECHNICAL REPORT 61-23. SA. MORAIN AND D.S. SIMONETT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSR-17-004-003 AND NSG-298. REPRINTED FROM PHOTOGRAMMETRIC ENGINEERING, JULY 1967, P 730-740.
NR-A9-FJ-076-00323	THE USE OF RADAR IN THE DISCRIMINATION AND IDENTIFICATION OF AGRICULTURAL LAND USE. DAVID SCHWARZ AND FRED CASPALL, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER USGS 14-08-0001-10848. PRESENTED AT THE FIFTH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, APRIL 1968. CRES TR 117-3.
NR-A9-FJ-076-00325	ADAPTIVE PATTERN RECOGNITION OF AGRICULTURE IN WESTERN KANSAS BY USING A PREDICTIVE MODEL IN CONSTRUCTION OF SIMILARITY SETS. CRES TECHNICAL REPORT 133-3. R.M. HARALICK UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER (DOD) DAAK02-68-C-0089. PRESENTED AT THE FIFTH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, APRIL 1968.
NR-A9-00-000-00334	ELECTROOPTICAL REMOTE SENSING METHODS AS NONDESTRUCTIVE TESTING AND MEASURING TECHNIQUES IN AGRICULTURE. VICTOR I. MYERS AND WILLIAM A. ALLEN, U.S. DEPARTMENT OF AGRICULTURE, AGRICULTURAL RESEARCH SERVICE, WESLACO, TEXAS. PUBLISHED IN APPLIED OPTICS, V.7, NO.9, SEPTEMBER 1968, P 1819-1838.
NR-A9-00-000-00335	LIGHT REFLECTANCE AND CHLOROPHYLL AND CAROTENE CONTENTS OF GRAPEFRUIT LEAVES AS AFFECTED BY NA2SO4, NACL AND CACL2. DAVID L. CARTER AND VICTOR I. MYERS, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS. REPRINTED FROM PROCEEDINGS OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, VOL. 82, 1963, P.217-221.
NR-A9-00-000-00336	PHOTOGRAMMETRY FOR DETAILED DETECTION OF DRAINAGE AND SALINITY PROBLEMS. V.I. MYERS, L.R. USSERY, AND W.J. RIPPERT, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS. REPRINTED FROM THE TRANSACTIONS OF THE ASAE, VOL. 6, NO. 4, 1963, P.332-334.

TECHNICAL REPORTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A9-FH-032-00337	REMOTE SENSING FOR ESTIMATING SOIL SALINITY. VICTOR I. MYERS, DAVID L. CARTER, AND WILLIAM J. RIPPERT, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS, AND TWIN FALLS, IDAHO. PUBLISHED IN JOURNAL OF THE IRRIGATION AND DRAINAGE DIVISION, ASCE, V.92, NO.1R4, DECEMBER 1966, P.59-68.
NR-A9-FH-032-00338	FACTORS AFFECTING LIGHT REFLECTANCE OF COTTON. PROCEEDINGS OF 4TH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, APRIL 12-14, 1966. P.305-312. J.R. THOMAS, V.I. MYERS, M.D. HEILMAN, AND C.L. WIEGAND, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS. STAR N67-13491.
NR-A9-FH-032-00339	REMOTE SENSING IN SOIL AND WATER CONSERVATION RESEARCH. PROCEEDINGS OF 4TH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, APRIL 12-14, 1966. P.801-813. V.I. MYERS, C.L. WIEGAND, M.D. HEILMAN AND J.R. THOMAS, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.
NR-A9-FH-032-00340	THERMAL PATTERNS OF SOLID FUEL BLOCK-HEATED CITRUS TREES. JOURNAL OF THE RIO GRANDE VALLEY HORTICULTURAL SOCIETY, VOL. 20, 1966. P.21-30. CRAIG WIEGAND, VICTOR MYERS, AND NORMAN MAXWELL, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.
NR-A9-FH-032-00341	REFLECTANCE OF COTTON LEAVES AND ITS RELATION TO YIELD. REPRINTED FROM THE AGRONOMY JOURNAL, VOL.59, 1967, P.551-554. J.R. THOMAS, C.L. WIEGAND, AND V.I. MYERS, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.
NR-A9-00-000-00342	EFFECT OF PUBESCENCE ON REFLECTANCE OF LIGHT. PROCEEDINGS OF 5TH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, APRIL 16-18, 1968. P.291-297. HAROLD W. GAUSMAN AND RUBEN CARDENAS, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.
NR-A9-FH-032-00343	DETAILED PLANT AND SOIL THERMAL REGIME IN AGRONOMY. PROCEEDINGS OF 5TH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. APRIL 16-18, 1968. P.325-342. CONTRACT NO. R-09-038-002. C.L. WIEGAND, M.D. HEILMAN, AND A.H. GERBERMANN, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.
NR-A9-FH-032-00344	INFRARED AERIAL COLOR PHOTOGRAPHY FOR DETECTION OF POPULATIONS OF BROWN SOFT SCALE IN CITRUS GROVES. REPRINT FROM JOURNAL OF ECONOMIC ENTOMOLOGY, VOL. 61, NO. 3, JUNE 1968, P.617-624. W.G. HART AND V.I. MYERS, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.
NR-A9-FH-032-00345	INTERACTION OF LIGHT WITH A PLANT CANOPY. REPRINTED FROM JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 58, NO. 8, P.1023-1028, AUGUST 1968. CONTRACT NO. 160-75-01-07-10. WILLIAM A. ALLEN AND ARTHUR J. RICHARDSON, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.
NR-A9-FH-032-00346	EFFECT OF SOIL SALINITY ON EXTERNAL MORPHOLOGY OF COTTON LEAVES. REPRINTED FROM AGRONOMY JOURNAL, VOL. 60, SEPT.-OCT. 1968. P.566-567. CONTRACT NO. 160-75-01-07-10. HAROLD W. GAUSMAN AND RUBEN CARDENAS, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.
NR-A9-00-000-00347	REFLECTANCE OF COTTON LEAVES AND THEIR STRUCTURE. REPRINT FROM REMOTE SENSING OF ENVIRONMENT, 1969, P.19-22. CONTRACT NO. 160-75-01-07-10. H.W. GAUSMAN, W.A. ALLEN, AND R. CARDENAS, U.S. DEPARTMENT OF AGRICULTURE, WESLACO, TEXAS.

TECHNICAL REPORTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A9-00-000-00351	REMOTE SENSORS - A NEW DATA SOURCE FOR AGRICULTURAL STATISTICS. EARL E. HOUSEMAN, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. PUBLISHED IN AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER NO.70-312. A70-22868. MICROFICHE COPY.
NR-A9-GJ-000-00374	INFORMATION PROCESSING OF REMOTELY SENSED AGRICULTURAL DATA. K.S. FU, AND D.A. LANDGREBE, LABORATORY FOR AGRICULTURAL REMOTE SENSING, AND THE SCHOOL OF ELECTRICAL ENGINEERING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. REPRINTED FROM THE PROCEEDINGS OF THE IEEE, VOL. 57, NO. 4, APRIL 1969. PP.639-653.
NR-A9-EJ-027-00410	IMPERIAL VALLEY GROUND TRUTH FOR APOLLO 9 OVERFLIGHT OF MARCH 1969. REPORT NO. 2264-7-X. N. SPANSAIL, WILLOW RUN LABORATORIES, INSTITUTE OF SCIENCE AND TECHNOLOGY, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. MAY 1969.
NR-A9-GJ-000-00460	AN AGRICULTURAL REMOTE SENSING INFORMATION SYSTEM. DR. R.A. HOLMES, PURDUE UNIVERSITY, LABORATORY FOR REMOTE SENSING LAFAYETTE, INDIANA. 1968. REPRINTED FROM EASCON 68 RECORD, P.142-149.
NR-A9-EJ-047-00470	AN APPROACH TO THE REMOTE DETECTION OF EARTH RESOURCES IN SUB-ARID LANDS. NASA TN D-4647. JEAN POQUET, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. DECEMBER 1968.
NR-A9-GJ-000-00471	AIRPHOTO INTERPRETATION FOR SOIL STUDIES. RALPH W. KIEFER, WISCONSIN UNIVERSITY, ENGINEERING EXPERIMENT STATION, MADISON, WISCONSIN. DECEMBER 1966.
NR-A9-00-000-00537	A MULTICHANNEL IMAGE DATA HANDLING SYSTEM FOR AGRICULTURAL REMOTE SENSING. D.A. LANDGREBE AND T.L. PHILLIPS, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, LAFAYETTE, INDIANA. PRESENTED AT AND PUBLISHED BY COMPUTERIZED IMAGING TECHNIQUES, SEMINAR, WASHINGTON, D.C. JUNE 26-27, 1967. STAR N70-14080.
NR-A9-00-000-00544	SPECTROPHOTOMETRIC AND COLORIMETRIC STUDY OF DISEASED AND RUST RESISTING CEREAL CROPS. NBS REPORT NO. 4591. H.J. KEEGAN, J.C. SCHLETER, AND W.A. HALL, U.S. DEPT. OF COMMERCE NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. 1957.
NR-A9-00-000-00548	SOME POLARIZATION MEASUREMENTS OF THE REFLECTED SUNLIGHT FROM DESERT TERRAIN NEAR TUCSON, ARIZONA. FREDERICK G. FERNALD, ET. AL., UNIVERSITY OF ARIZONA, INSTITUTE OF ATMOSPHERIC PHYSICS, TUCSON, ARIZONA. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 8, NO. 4, AUG. 1969. PP.604-609.
NR-A9-00-000-00575	AERIAL METHODS OF STUDYING AND MAPPING SANDS. N.G. KHARIN, DESERT INSTITUTE OF THE TURKMEN SSR ACADEMY OF SCIENCES, MOSCOW. PUBLISHED IN VESTNIK SEL SKOKHOZYAYSTVENNOY NAUKI, RUSSIAN, NO. 6, 1969, PP.74-80. STAR N69-35169.
NR-A9-00-000-00582	AERIAL PHOTOGRAPHY IN AGRICULTURE. G.H. BRENCHLEY, NATIONAL AGRICULTURAL ADVISORY SERVICE, CAMBRIDGE, ENGLAND. PUBLISHED IN AGRICULTURE, (MINISTRY OF AGRICULTURE, FISHERIES AND FOOD) LONDON, VOL. 77, NO. 11, NOV. 1968. PP.527-531.
NR-A9-00-000-00583	AERIAL PHOTOGRAPHY FOR THE STUDY OF PLANT DISEASES. GEORGE H. BRENCHLEY, NATIONAL AGRICULTURAL ADVISORY SERVICE, CAMBRIDGE, ENGLAND. PRESENTED AT THE ANNUAL REVIEW OF PHYTOPATHOLOGY, VOL. 6, 1968. PP.1-22.

TECHNICAL REPORTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A9-FH-032-00601	GROUND TRUTH SUMMARY. APRIL-JULY, 1969 SITE 32, WESLACO, TEXAS. REPORT NO. 69-03. ALVIN H. GERBERMAN, JOE A. CUELLAR, AND ROSS W. LEANER, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. DEC. 1969. CONTRACT NO. 160-75-01-07-10.
NR-A9-00-000-00620	POTENTIAL BENEFITS TO BE DERIVED FROM APPLICATIONS OF REMOTE SENSING OF AGRICULTURAL, FOREST, AND RANGE RESOURCES. NASA CR-103946. DONALD J. BELCHER, ET AL., CORNELL UNIV., THE CENTER FOR AERIAL PHOTOGRAPHIC STUDIES, ITHACA, N.Y. DECEMBER 1967. CONTRACT NO. 12-17-04-1-326. STAR N69-34930
NR-A9-GJ-000-00642	A TECHNIQUE FOR THE IDENTIFICATION OF FARM CROPS ON AERIAL PHOTOGRAPHS. M.S. GOODMAN, UNIVERSITY OF DETROIT, DEPT. OF GEOGRAPHY, DETROIT, MICHIGAN. PUBLISHED IN JOURNAL OF PHOTOGRAMMETRIC ENGINEERING, VOL. 25, 1959. PP.131-137.
NR-A9-HJ-000-00675	AERIAL PHOTOGRAPHIC METHODS OF PHOTO DISEASE DETECTION. FRANKLIN E. MANZER, AND GEORGE R. COOPER, UNIVERSITY OF MAINE, AGRICULTURAL EXPERIMENT STATION, ORONO, MAINE. PUBLISHED IN MAINE AGRICULTURAL EXPERIMENT STATION BULLETIN 646, MARCH 1967.
NR-A9-GJ-044-00717	THE APPLICATION OF PATTERN RECOGNITION TECHNIQUES TO A REMOTE SENSING PROBLEM. D.A. LANDGREBE, P.J. MIN, P.H. SWAIN, AND K.S. FU., LABORATORY FOR AGRICULTURAL REMOTE SENSING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. 1968. CONTRACT NO. 12-14-100-9502(20). PRESENTED AT THE 7TH SYMPOSIUM ON ADAPTIVE PROCESSES, LOS ANGELES, CALIFORNIA, DEC. 16-18, 1968.
NR-A9-00-000-00718	AIR POLLUTION DETECTIVES. CHARLES R. BERRY, ET AL., SOUTH-EASTERN FOREST EXPERIMENT STATION, FOREST SERVICE ASHEVILLE, N.C. PUBLISHED IN THE YEARBOOK OF AGRICULTURE 1968, PP.142-146.
NR-A9-00-000-00740	A DATA STORAGE SYSTEM FOR DESERT TERRAIN. AN INTERIM REPORT. MILITARY ENGINEERING EXPERIMENTAL ESTABLISHMENT, CHRISTCHURCH, HAMPSHIRE, ENGLAND. MARCH 1967. MICROFICHE COPY.
NR-A9-00-000-00755	USING AERIAL PHOTOGRAPHY IN DIFFERENT SPECTRUM INTERVALS TO STUDY VEGETATION AND SOIL. REPORT NO. FSTC-HI-23-309-70. A.T. VINOGRADOVA, USSR. TRANSLATION OF GEOGRAFICHESKII SBORNIK, SSSR, VOL. 7, 1955. PP.59-74. MICROFICHE COPY. STAR N70-11718.
NR-A9-00-000-00760	ORL EXPERIMENT PROGRAM. VOL. B, PART I - AGRICULTURE/ FORESTRY. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966 CONTRACT NO. NASW-1215. STAR N66-17047.
NR-A9-00-000-00800	USE OF AERIAL METHODS FOR THE STUDY OF TUNDRA LANDSCAPES AND FOR THEIR AGRICULTURAL UTILIZATION: V.N. ANDREEV, USSR. 1969. MICROFICHE COPY. STAR N70-10986.
NR-A9-00-000-00864	AGRICULTURAL APPLICATIONS OF REMOTE MULTISPECTRAL SENSING. R.M. HOFFER, ET AL., PURDUE UNIVERSITY, LAFAYETTE, INDIANA. REPRINTED FROM PROCEEDINGS OF THE INDIANA ACADEMY OF SCIENCE FOR 1966, VOL. 76, NO. 2966, 1967. PP.386-395.
NR-A9-00-000-00868	REFLECTANCE AND INTERNAL STRUCTURE OF COTTON LEAVES, GOSSYPILUM HIRSUTUM L. A.W. GAUSMAN AND W.A. ALLEN, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. REPRINTED FROM AGRONOMY JOURNAL, VOL. 61, MAY-JUNE 1969. PP.374-376.
NR-A9-00-000-00870	INTERACTION OF ISOTROPIC LIGHT WITH A COMPACT PLANT LEAF. W.A. ALLEN, AND H.W. GAUSMAN, ET AL., U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 59, NO. 10, OCT. 1969. PP.1376-1379.

TECHNICAL REPORTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A9-00-000-00882	LIGHT RELATIONS IN PLANT CANOPIES. S.B. IDSO, U.S. WATER CONSERVATION LAB., PHOENIX, ARIZONA. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 1, JAN. 1970. PP.177-184.
NR-A9-00-000-00885	ON FEATURE SELECTION IN MULTICLASS PATTERN RECOGNITION. TECHNICAL REPORT NO. TR-EE68-17. K.S. FU AND P.J. MIN, PURDUE UNIVERSITY, SCHOOL OF ELECTRICAL ENGINEERING, LAFAYETTE, INDIANA. JULY 1968. PB-182 495.
NR-A9-00-000-00886	ON NONPARAMETRIC METHODS FOR PATTERN RECOGNITION. TECHNICAL REPORT NO. TR-EE 68-19. K.S. FU AND ERNEST G. HENRICHON, JR., PURDUE UNIVERSITY, SCHOOL OF ELECTRICAL ENGINEERING, LAFAYETTE, INDIANA. AUG. 1968. PB-182 515.
NR-A9-EJ-998-00910	INVESTIGATION OF MULTISPECTRAL DISCRIMINATION TECHNIQUES. REPORT NO. 2264-12-F. RICHARD F. NALEPKA, UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LABORATORIES, ANN ARBOR, MICHIGAN. JANUARY 1970. CONTRACT NUMBER 12-14-100-9548(20).
NR-A9-00-000-00943	THE AERIAL PHOTOGRAPHY OF POTATO BLIGHT EPIDEMICS. G.H. BRENCHLEY, NATIONAL AGRICULTURAL ADVISORY SERVICE, EASTERN REGION, ENGLAND. PUBLISHED IN JOURNAL OF THE ROYAL AERONAUTICAL SOCIETY, VOL. 70, DEC. 1966. PP.1082-1086.
NR-A9-DJ-998-00985	AGRICULTURAL APPLICATION OF REMOTE SENSING - THE POTENTIAL FROM SPACE PLATFORMS. TECHNICAL REPORT NO. NASA CR-89645. H. THOMAS FREY, U.S. DEPT. OF AGRICULTURE, ECONOMIC RESEARCH SERVICE, WASHINGTON, D.C. PUBLISHED IN AGRICULTURE INFORMATION BULLETIN NO. 328, SEPT. 1967. STAR N67-39649.
NR-A9-00-000-01004	LEAF ANATOMY MONOGRAPH. PHOTOMICROGRAPHS OF LEAF TRANSECTIONS OF TWENTY-NINE PLANT GENERA. SWC RESEARCH REPORT 412. MARCIA SCHUPP, HAROLD W. GAUSMAN, AND RUBEN CARDENAS, U.S. DEPT. OF AGRICULTURE, SOIL AND WATER CONSERVATION RESEARCH DIV., WESLACO, TEXAS. DECEMBER 18, 1969. CONTRACT NUMBER 160-75-01-07-10.
NR-A9-00-000-01066	IMPRINT ON LIVING, A REPORT ON PROGRESS. U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. JAN. 1969. PUBLISHED IN THE AGRICULTURE INFORMATION BULLETIN NO. 333.
NR-A9-GF-190-01069	ACCURACY OF LAND-USE INTERPRETATION FROM INFRARED IMAGERY IN THE 4.5 TO 5.5 MICRON BAND. CHARLES E. OLSON, JR., UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. PRESENTED AT THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE MEETING, BERKELEY, CALIF., DEC. 1965. PUBLISHED IN THE ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHER, VOL. 57, NO. 2, JUNE 1967. PP.382-388.
NR-A9-00-000-01093	THE USE OF STEREO HEIGHT AS A DISCRIMINATING VARIABLE FOR CROP CLASSIFICATION ON AERIAL PHOTOGRAPHS. D. STEINER, WATERLOO UNIVERSITY, WATERLOO, ONTARIO, CANADA AND H. MAURER, ZURICH UNIVERSITY, ZURICH, SWITZERLAND. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 24, AUG. 1969. PP.223-241. A69-41721.
NR-A9-FJ-998-01133	EVALUATION OF RESOURCE USE AND ECONOMIC EFFECTS DUE TO IRRIGATION WATER AVAILABILITY IN TEXAS. TECHNICAL COMPLETION REPORT, JULY 66-JUNE 69. FRED A. SCHNER AND WARREN L. TROCK, TEXAS A+M UNIVERSITY, COLLEGE STATION, TEXAS. AUG. 1969. PB-190 361. W70-04923.
NR-A9-GJ-000-01159	INVESTIGATIONS OF CROP-HAIL LOSS MEASUREMENT TECHNIQUES. RESEARCH REPORT NO. 42. N.A. BARRON, S.A. CHANGNON, JR., J. HORNADAY, ILLINOIS STATE WATER SURVEY, URBANA, ILLINOIS. PB-189 706 N70-37483

TECHNICAL REPORTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A9-GJ-044-01283	INTERPRETATION OF REMOTE MULTISPECTRAL IMAGERY OF AGRICULTURAL CROPS. (COVERS WORK FROM JUNE 1964-DEC. 1965) AGR. EXP. STATION RESEARCH BULLETIN NO. 831. LABORATORY FOR AGRICULTURAL REMOTE SENSING - VOLUME NO. 1. ROGER M. HOFFER, PURDUE UNIVERSITY, AGRICULTURAL EXPERIMENT STATION, LAFAYETTE, IND.
NR-A9-00-000-01292	POTENTIAL APPLICATIONS OF REMOTE MULTISPECTRAL SENSING IN AGRICULTURE. ROGER M. HOFFER, PURDUE UNIVERSITY, LAFAYETTE, IND. AND LEE D. MILLER, INSTITUTE OF SCIENCE + TECHNOLOGY, UNIVERSITY OF MICH., ANN ARBOR, MICH. AT AMERICAN SOCIETY OF PHOTOGRAMMETRY SEMI-ANNUAL CONVENTION, 30TH, DAYTON, OHIO, SEPT. 1965.
NR-A9-00-000-01293	REMOTE SENSING IN AGRICULTURE. EXTENSION SERVICE AGRONOMY CROPS AND SOILS NOTES NO. 130. M.W. PHILLIPS, AND CHRIS JOHANNSEN, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. AUGUST 1969.
NR-A9-GJ-044-01318	DATA ANALYSIS AND REMOTELY SENSED DATA. DAVID A LANDGREBE, PURDUE UNIVERSITY, LABORATORY FOR APPLICATIONS OF REMOTE SENSING, WEST LAFAYETTE, INDIANA. AT THE AIAA, EARTH RESOURCES OBSERVATIONS SYSTEMS MEETING, ANNAPOLIS, MARYLAND, MARCH 1970, PAPER 70-292. A70-22891.
NR-A9-00-000-01322	A CLUSTER APPROACH TO FINDING SPATIAL BOUNDARIES IN MULTI-SPECTRAL IMAGERY. LARS INFORMATION NOTE 122969. ARTHUR G. WACKER, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. 1969.
NR-A9-FH-092-01333	INVESTIGATION OF SUGAR CANE VIGOR WITH AERIAL PHOTOGRAPHY IN PUERTO RICO. REPORT NO. CRREL SPECIAL REPORT 93. DR. PHILLIP L. JOHNSON, U.S. ARMY CORPS OF ENGINEERS, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NEW HAMPSHIRE. 1965. MICROFICHE COPY. AD-624 625.
NR-A9-00-000-01340	ON THE APPLICATION OF MAN-MACHINE SYSTEMS TO PROBLEMS IN REMOTE SENSING. K.S. FU, PHILIP H. SWAIN, AND DON A. GERMANN, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, LAFAYETTE, IND. IN MIDWEST SYMPOSIUM ON CIRCUIT THEORY, 11TH, NOTRE DAME, IND., MAY 1968, PROCEEDINGS. PP.241-250. MICROFICHE COPY. A68-37727.
NR-A9-00-000-01394	REMOTE SENSING IN AGRICULTURE - AGRONOMIC SCIENCES. A SELECTED BIBLIOGRAPHY WITH ABSTRACTS. REPORT NO. RSC-08. R.H. GRIFFIN II, TEXAS A+M UNIVERSITY, COLLEGE STATION, TEX. 1970. MICROFICHE AND HARD COPY. N70-42811.
NR-A9-EJ-024-01400	AN APPROACH TO THE REMOTE DETECTION OF EARTH RESOURCES IN SUB-ARID LANDS. REPORT NOS. X-622-68-245, NASA TM-X-63268, AND NASA TN-D-4647. JEAN POUQUET, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. PRESENTED AT THE INTERNATIONAL CONGRESS OF GEOLOGY, SECTION 13, PRAGUE, CZECHOSLOVAKIA, AUG. 1968. PREPRINT. N68-29082
NR-A9-FH-032-01472	MEAN EFFECTIVE OPTICAL CONSTANTS OF COTTON LEAVES. WILLIAM A. ALLEN, HAROLD W. GAUSMAN, AND ARTHUR J. RICHARDSON, U.S. DEPT. OF AGRICULTURE, SOIL AND WATER CONSERVATION RESEARCH DIV., WESLACO, TEXAS. IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 60, NO. 4, APRIL 1970. PP.542-547.
NR-A9-00-000-01475	CROP SURVEY FROM SPACE. U.S. DEPT. OF AGRICULTURE, STATISTICAL REPORTING SERVICE, WASHINGTON, D.C. IN AGRICULTURAL SITUATION, VOL. 53, NO. 3, 1969.



ACCESSION NUMBER	DESCRIPTION
NR-A9-GJ-000-01494	VISIBLE POLARIZATION SIGNATURE FOR REMOTE SENSING OF SOIL SURFACE MOISTURE. L. STEG, AND R.T. FROST, GENERAL ELECTRIC SPACE SCIENCES LABORATORY, PHILADELPHIA, PA. COSPAR, PLENARY MEETING, 13TH, LENINGRAD, USSR, MAY 1970, PAPER. 12P. A70-31667. MICROFICHE AND HARD COPY.
NR-A9-FJ-076-01515	A STATISTICAL AND CONDITIONAL PROBABILITY STUDY OF CROP DISCRIMINATION USING RADAR IMAGES. REPORT NO. CRES 3M-133-5 R.M. HARALICK, F. CASPALL, R.K. MOORE, AND D.S. SIMONETT, REMOTE SENSING LABORATORY, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., THE UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. MARCH 1968, 36P. PRESENTED AT IEEE INTERNATIONAL CONVENTION, NEW YORK CITY, MARCH 1968, PAPER 6E-6. SYNOPSIS PUBLISHED IN IEEE INTERNATIONAL CONVENTION DIGEST 1968, P.80. CONTRACT NOS. NAS9-7175, DAAK02-68-C-0089, AND 14-08-0001-10848.
NR-A9-00-000-01517	DISCRIMINATION OF VEGETATION BY MULTISPECTRAL REFLECTANCE MEASUREMENTS. ARTHUR J. RICHARDSON, WILLIAM A. ALLEN, AND JAMES R. THOMAS, U.S. DEPT. OF AGRICULTURE, SOUTHERN PLAINS BRANCH, WESLACO, TEXAS. IN INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICH., OCT. 1969, PROCEEDINGS, VOL. 2, PP.1143-1156.
NR-A9-FH-032-01520	REFLECTANCE OF SINGLE LEAVES AND FIELD PLOTS OF CYCOCEL-TREATED COTTON (GOSSYPIMUM HIRSUTUM L.) IN RELATION TO LEAF STRUCTURE. H.W. GAUSMAN, W.A. ALLEN, V.I. MYERS, ET AL., U.S. DEPT. OF AGRICULTURE, SOUTHERN PLAINS BRANCH, WESLACO, TEXAS. IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, 1970. PP.103-107. CONTRACT NO. 160-75-01-07-10.
NR-A9-00-000-01529	DETERMINATION OF THE FEASIBILITY OF USING INFRARED SENSING FOR AERIAL SURVEYS OF WHITE-TAILED DEER. TECHNICAL MEMORANDUM RSC-11. E.D. ABLES, N.K. FORREST, P.O. REARDON, AND J.W. ROUSE, JR., TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. 1970.
NR-A9-00-000-01554	COLOR PHOTOS, COTTON LEAVES AND SOIL SALINITY. H.W. GAUSMAN, W.A. ALLEN, R. CARDENAS, AND R.L. BOWEN, U.S. DEPT. OF AGRICULTURE, GREAT PLAINS BRANCH, WESLACO, TEXAS. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 36, NO. 5, MAY 1970, PP.454-459. CONTRACT NO. 160-75-01-07-10.
NR-A9-00-000-01580	PHYSICAL AND PHYSIOLOGICAL BASIS FOR THE REFLECTANCE OF VISIBLE AND NEAR-INFRARED RADIATION FROM VEGETATION. EDWARD B. KNIPLING, U.S. DEPT. OF AGRICULTURE, AGRICULTURAL RESEARCH SERVICE, GAINESVILLE, FLA. IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, SUMMER 1970. PP.155-159. A70-42767
NR-A9-FH-032-01585	THERMAL INFRARED FOR SOIL TEMPERATURE STUDIES. VICTOR I. MYERS, REMOTE SENSING INSTITUTE, SOUTH DAKOTA STATE UNIV., BROOKINGS, S.D. AND MARVIN D. HEILMAN, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 35, NO. 10, OCT. 1969. PP.1024-1032.
NR-A9-00-000-01617	USING RADAR IMAGERY FOR CROP DISCRIMINATION - A STATISTICAL AND CONDITIONAL PROBABILITY STUDY. REPORT NO. CRES REPRINT 133-9. R.M. HARALICK, F. CASPALL, AND D.S. SIMONETT, DEPT. OF ELECTRICAL ENGINEERING, AND DEPT. OF GEOGRAPHY, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, NO. 2, 1970. PP.131-142. CONTRACT NO. DAAK02-68-C-0089.
NR-A9-00-000-01700	MEAN EFFECTIVE OPTICAL CONSTANTS OF THIRTEEN KINDS OF PLANT LEAVES. W.A. ALLEN, H.W. GAUSMAN, A.J. RICHARDSON, AND C.L. WIEGAND, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. IN APPLIED OPTICS, VOL. 9, NOV. 1970. PP.2573-2577. A71-10834

TECHNICAL REPORTS - AGRICULTURE

ACCESSION NUMBER	DESCRIPTION
NR-A9-00-000-01727	SOIL PHOTOGRAPHIC MAPPING. PERIODIC REPORT, JAN-JUNE 1970. REPORT NO. NASA-CR-111418. U.S. DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C. JUNE 30, 1970, 16P. CONTRACT NO. NASA ORDER W-12996. MICROFICHE COPY. N71-11994
NR-A9-DJ-049-01759	DETERMINING THE PREVALENCE OF CERTAIN CEREAL CROP DISEASES BY MEANS OF AERIAL PHOTOGRAPHY. ROBERT N. COLWELL, FORESTRY EXPERIMENT STATION, BERKELEY, CALIF. IN HILGARDIA, VOL. 26, NO. 5, NOV. 1956. PP.223-286.
NR-A9-EJ-998-01775	MULTIBASE AND MULTIEMLUSION SPACE PHOTOS FOR CROPS AND SOILS. C.L. WIEGAND, R.W. LEAMER, D.A. WEBER, AND A.H. GERBERMANN, USDA, WESLACO, TEXAS. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 37, NO. 2, FEB. 1971. PP.147-156. CONTRACT NO. 160-75-01-07-10.
NR-A9-FH-032-01776	DETECTION OF FOOT ROT DISEASE OF GRAPEFRUIT TREES WITH INFRARED COLOR FILM. H.W. GAUSMAN, W.A. ALLEN, R. CARDENAS, AND R.L. BOWEN, USDA, WESLACO, TEXAS. IN JOURNAL OF THE RIO GRANDE VALLEY HORTICULTURAL SOCIETY, VOL. 24, 1970. PP.36-42. CONTRACT NO. 160-75-01-07-10.
NR-A9-EJ-210-01838	MULTISPECTRAL CLASSIFICATION OF CROPS IN THE IMPERIAL VALLEY, CALIFORNIA FROM DIGITIZED APOLLO 9 PHOTOGRAPHY. REPORT NO. LARS INFORMATION NOTE 070770. PAUL E. ANUTA, LABORATORY FOR AGRICULTURAL REMOTE SENSING, PURDUE UNIV., LAFAYETTE, INDIANA. ND. 11P.
NR-A9-00-000-01845	AIRPLANE PHOTOGRAPHY IN THE STUDY OF COTTON ROOT ROT. J.J. TAUBENHAUS, WALTER N. EZEKIEL, AND C.B. NEHELETTE, TEXAS AGRICULTURAL EXPERIMENT STATION, COLLEGE STATION, TEXAS. IN PHYTOPATHOLOGY, VOL. 19, 1929. PP.1025-1029.
NR-A9-FJ-195-01866	APPLICATION OF REMOTE SENSING TECHNIQUES TO MONITORING SOIL MOISTURE. INTERIM TECHNICAL REPORT. REPORT NO. RSI-71-4. HAL D. WERNER, AND FRED A. SCHMER, REMOTE SENSING INSTITUTE, SOUTH DAKOTA STATE UNIVERSITY, BROOKINGS, SOUTH DAKOTA. MAY 1971, 146P. CONTRACT NOS. 14-08-0001-12510, 14-08-0001-12862.
NR-A9-00-000-01927	AEROSPACE SCIENCE AND AGRICULTURAL DEVELOPMENT, AMERICAN SOCIETY OF AGRONOMY, CROP SCIENCE SOCIETY OF AMERICA, AND SOIL SCIENCE SOCIETY OF AMERICA, ANNUAL MEETING, DETROIT, MICHIGAN, NOV. 1969, PROCEEDINGS. M.F. BAUMGARDNER, (PURDUE UNIV.) EDITOR. AMERICAN SOCIETY OF AGRONOMY, MADISON, WISC. 1970, 52P. \$3.00. ASA SPECIAL PUBLICATION SERIES, NO. 18. A71-18405
NR-A9-EJ-210-01928	CROP SURVEYS FROM MULTIBAND SATELLITE PHOTOGRAPHS. REPORT NO. LARS INFORMATION NOTE 03271. PAUL E. ANUTA, AND ROBERT B. MACDONALD, LAB., FOR APPLICATIONS OF REMOTE SENSING, PURDUE UNIV., WEST LA FAYETTE, INDIANA. (1970), 35P. CONTRACT NO. 12-14-100-10292(20), GRANT NGR 15-005-112
NR-A9-NK-000-02053	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-53, EVALUATION OF NIMBUS VIDICON PHOTOGRAPHY SOUTHWEST FRANCE AND NORTHEAST SPAIN. EDWARD G. HASSER, U.S.G.S., WASHINGTON, D.C. OCTOBER 1966. CONTRACT NO. R-09-020-011. X66-23896 N70-38933 NASA-CR-78781 MICROFICHE AND HARD COPY. 16P.
NR-A9-EJ-000-02060	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-60, EXTENT OF RELICT SOILS REVEALED BY GEMINI IV PHOTOGRAPHS. HARALD DREWES AND ROGER MORRISON. U.S.G.S., DENVER, COLORADO. OCTOBER 1966. CONTRACT NO. R-09-020-011. X66-23894 N70-38974 NASA-CR-78775 MICROFICHE AND HARD COPY. 19P.

TECHNICAL REPORTS - AGRICULTURE

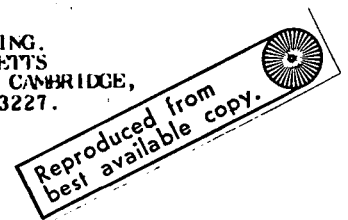
ACCESSION NUMBER	DESCRIPTION
NR-A9-EJ-140-02063	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-63, PRELIMINARY STUDIES OF SOIL PATTERNS OBSERVED IN RADAR IMAGES, BISHOP AREA, CALIFORNIA. MICHAEL F. SHERIDAN, DEPARTMENT OF GEOLOGY, ARIZONA STATE UNIVERSITY, TEMPE, ARIZONA. NOVEMBER 1966. CONTRACT NO. R-09-020-015. X67-10993 N70-38885 NASA-CR-80643. MICROFICHE AND HARD COPY. 8P.

# CARTOGRAPHY

# CARTOGRAPHY

## SECTION B6 - DIVISION BIBLIOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B6-EJ-000-00180	MAPPING RADAR, PRELIMINARY TEST RESULTS. W.E. BROWN, JR., R. JORDAN, CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LAB., PASADENA, CALIFORNIA. MAY 1968.
NR-B6-EJ-998-00335	MAPPING FROM SPACE. ALDEN P. COLVOCORESSES, U.S. GEOLOGICAL SURVEY, MCLEAN, VIRGINIA. PUBLISHED IN AMERICAN SOCIETY OF CIVIL ENGINEERS NATIONAL WATER RESOURCES ENGINEERING MEETING, MEMPHIS, TENN., JAN. 1970. PREPRINT PAPER NO. 1151
NR-B6-00-000-00402	3-INCH MAPPING CAMERA. STUDY REPORT. REPORT NO. NASA-CR-108414. FAIRCHILD CAMERA AND INSTRUMENT CORP., SPACE AND DEFENSE SYSTEMS DIV., SYOSSET, N.Y. 1969. CONTRACT NUMBER NAS9-10201. N70-27177.
NR-B6-00-000-00513	DIGITAL DATA PROCESSING TECHNIQUES FOR RADAR MAPPING. REPORT NO. ESL-TM-343. ROBERT W. ROIG, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, ELECTRONIC SYSTEMS LAB., CAMBRIDGE, MASS. JAN. 1968, 153P. CONTRACT NO. AF-33(615)-3227. MICROFICHE COPY. AD-832213



## SECTION B7 - SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-B7-00-000-00043	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. GEODESY-CARTOGRAPHY-NO. 13. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N70-23541.

## SECTION B8 SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-B8-00-000-00015	OFFICIAL REPORT OF THE U.S. DELEGATION TO THE UNITED NATIONS REGIONAL CARTOGRAPHIC CONFERENCE FOR AFRICA; JULY 1-13, 1963 STAR N69-75182

SUBJECT RELATED DOCUMENTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B8-00-000-00194	AMERICAN MAPPING CAMERAS. CLARICE L. NORTON, FAIRCHILD SPACE AND DEFENSE SYSTEMS, SYOSSET, N.Y. PRESENTED AT THE 10TH CONGRESS, INTERNATIONAL SOCIETY OF PHOTOGRAMMETRY, LISBON, PORTUGAL. SEPT. 7-9, 1964. STAR X68-80528.
NR-B8-00-000-00197	ALPHABETICAL LIST OF ARTICLES PUBLISHED IN GEODEZIYA I KARTOGRAFIYA IN 1967. REPORT NO. FSTC-HT-23-707-68. 1968. MICROFICHE COPY.
NR-B8-00-000-00208	CARTOGRAPHY. 1967. L.S. GARAENVSKAYA, U.S. NAVY DEPT., NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. REPRINTED FROM KARTOGRAFIYA, 1955. PP.143-155. MICROFICHE COPY. STAR N69-71090.
NR-B8-00-000-00233	SURVEYING THE EARTH'S RESOURCES FROM SPACE. W.T. PICORA, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE 27TH ANNUAL MEETING OF THE AMERICAN CONGRESS ON SURVEYING AND MAPPING, WASHINGTON, D.C., MARCH 10, 1967. MICROFICHE COPY.
NR-B8-00-000-00289	POSITION DETERMINATION FROM RADIO BEARINGS. NELSON M. BLACHMAN, SYLVANIA ELECTRONIC SYSTEMS, MT. VIEW, CALIF. PUBLISHED IN IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, VOL. AES-5, NO. 3, MAY 1969. PP.558-560. MICROFICHE COPY.
NR-B8-00-000-00327	PROSPECTS OF THE WORK OF THE CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL SURVEY AND CARTOGRAPHY IN THE FIELD OF THEORETICAL GEODESY. L.P. PELLINEN, RUSSIA. TRANSLATED FROM GEODEZIYA I KARTOGRAFIA (MOSCOW), NO. 7, 1968. PP. 7-10. STAR N69-38310. AD-689 489. MICROFICHE COPY.
NR-B8-00-000-00384	GEODETIC POSITIONING WITH PC-1000 CAMERA SYSTEM (AF65-WGS2) (AF65-ETRI). DONOVAN N. HUBER, AERONAUTICAL CHART AND INFORMATION CENTER, GEOPHYSICAL AND SPACE SCIENCES BRANCH, ST. LOUIS, MISSOURI. OCT. 1966. REPORT NO. ACIC-TR-105. STAR N69-31808. AD-686 064. MICROFICHE COPY.
NR-B8-00-000-00448	HIGHWAY LOCATION AND DESIGN UTILIZING PHOTOGRAMMETRIC TERRAIN DATA. CHARLES E. MCNOLDY, PENNSYLVANIA DEPT. OF HIGHWAYS, HARRISBURG, PA. PAPER PRESENTED AT ASP-ACSM FALL CONVENTION, PORTLAND, OREGON, SEPT. 1969, PP.191-212.
NR-B8-00-000-00456	ABOUT THE INCORPORATION OF HORIZON PHOTOGRAPHY IN ANALYTICAL AEROTRIANGULATION. W. WEISSMAN, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS. JAN. 1968. PRESENTED AT INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND, JULY 1968. PUBLISHED IN UNIVERSITY OF ILLINOIS, CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES, NO. 18, JAN. 68. STAR N69-21864. PB-180 783. MICROFICHE COPY.
NR-B8-00-000-00487	SIMULATION IN PHOTOGRAMMETRY. R. PEKKA MALINEN, INSTITUTE OF TECHNOLOGY, HELSINKI, FINLAND. JAN. 1969. STAR N70-17683. MICROFICHE COPY.
NR-B8-00-000-00548	USE OF RELATIVE CONTROL INFORMATION IN ANALYTICAL EXTRA-TERRRESTRIAL PHOTOGRAMMETRY. DR. EDWARD M. MIKHAIL, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PRESENTED AT THE AMERICAN SOCIETY OF PHOTOGRAMMETRY ANNUAL CONVENTION, 35TH, WASHINGTON, D.C., MARCH 1969. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 36, NO. 4, APRIL 1970. PP.381-389.
NR-B8-00-000-00601	THE GEOSPHERIC SYSTEM OF UNITS - EVOLUTIONARY OVERVIEW. NATURAL RESOURCES RESEARCH INSTITUTE, INFORMATION CIRCULAR NO. 62. JOHN S. BELLAMY, UNIVERSITY OF WYOMING, LARAMIE WYOMING. SEPT. 1969. CONTRACT NOS. 14-06-D-6002 AND NSG 658.

SUBJECT RELATED DOCUMENTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B8-00-000-00609	MECHANIZATION STUDY OF THE TECHNICAL LIBRARY U.S. ARMY MAP SERVICE, WASHINGTON, D.C. BOOZ-ALLEN APPLIED RESEARCH INC., BETHESDA, MARYLAND. SEPT. 1966. REPORT NOS. 914-1-26 AND AD 640 121. CONTRACT NO. DSA-7-15489.
NR-B8-00-000-00627	A DATA SELECTION PROCEDURE FOR THE RECTIFICATION AND MAPPING OF DIGITIZED DATA. REPORT NO. AFGWC-TM-69-1. RICHARD C. ROTH, AIR FORCE GLOBAL WEATHER CENTRAL AIR WEATHER SERVICE (MAC), OFFUTT AFB, NEBRASKA. DEC. 1969. AD-701 374 N70-28299
NR-B8-00-000-00674	CORRELATION MEASURE OF CONTRAST FOR MAP MATCHING. N.D. DIAMANTIDES, GOODYEAR AEROSPACE CORP., AKRON, OHIO. PUBLISHED IN THE JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 58, 1968. PP.996-998.
NR-B8-00-000-00691	ESTIMATING COSTS OF AERIAL SURVEYS. ANTONIO M. AGUILAR, KANSAS STATE UNIVERSITY, MANHATTAN, KANSAS. PUBLISHED IN CIVIL ENGINEERING, VOL. 39, NO. 10, OCT. 1969. PP70-73. W70-01698.
NR-B8-00-000-00754	SOME THOUGHTS ON OPTIMAL MAPPING AND CODING OF SURFACES. INTERIM REPORT. HARVARD PAPERS IN THEORETICAL GEOGRAPHY. GEOGRAPHY AND THE PROPERTIES OF SURFACES SERIES, PAPER 34. REPORT NO. ONR-TR-34. THOMAS K. PEUCKER, SIMON FRASER UNIVERSITY, BURNABY, BRITISH COLUMBIA. HARVARD UNIVERSITY, CAMBRIDGE, MASS. NOV. 1969. CONTRACT NO. N00014-67-A-0298. MICROFICHE COPY. AD-704 518.
NR-B8-00-000-00759	NACHRICHTEN AUS DEM KARTEN-UND VERMESSUNGSWESEN, REIHE 1 - DEUTSCHE BEITRÄGE UND INFORMATIONEN, HEFT NO. 43 (INFORMATION RELATIVE TO CARTOGRAPHY AND GEODESY. SERIES 1 - GERMAN CONTRIBUTIONS AND INFORMATION, NO. 43). INSTITUT FUER ANGEWANDTE GEODÄSIE, FRANKFURT AM MAIN, WEST GERMANY. 1969. MICROFICHE COPY. N70-24729.
NR-B8-00-000-00765	THREE COMPUTER PROGRAMS FOR STRIP AEROTRIANGULATION. CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES NO. 20. DR. KAM W. WONG, UNIVERSITY OF ILLINOIS, URBANA, ILL. AUG. 1969. MICROFICHE COPY. PB-186 469 N70-21742.
NR-B8-00-000-00786	ZAGALNA TEORIJA POMILOK ZOZNISHNOGO ORIENTUVANNIA AEROZIONOK TA DEFORMATSIJA STEREOMODELI V AEROSTEREOFOTOGAMMETRII. (GENERAL THEORY FOR THE EXTERNAL ORIENTATION ERROR OF AERIAL PHOTOGRAPHS AND DEFORMATION OF THE STEREO MODEL IN AERIAL STEREO PHOTOGRAMMETRY). O.S. MAKAR, LVIVSKII POLITEKHNIICHNII INSTITUT, LVOV, UKRAINIAN SSR. IN AKADEMIIA NAUK UKRAINSKOI SSR, DOPOVIDI, BIOLOGIJA, VOL. 32, NO. 1, JAN. 1970. PP.46-51. IN SERIJA B - GEOLOGIJA, GEOFIZIKA, KHIMIJA I UKRAINIAN. MICROFICHE COPY. A70-23394.
NR-B8-00-000-00807	ON THE SPEEDY COMPUTATION OF TERRAIN CORRECTIONS DURING GRAVIMETER OBSERVATIONS. P.P. MAKAGONOV AND G.A. SOLOVYEV, ORDŠHONIKIDZE GEOLOGICAL PROSPECTING INSTITUTE, MOSCOW, USSR. TRANSLATION FROM IZVESTIJA VYSSHIKH UCHEBNYKH ZAVEDENIJ, GEOLOGII I RAZVEDKA (MOSCOW), VOL. 11, NO. 1, 1968. PP.104-108. MICROFICHE COPY. AD-685 662 N69-10250.
NR-B8-00-000-00821	A GEOMETRICAL FOUNDATION FOR AEROTRIANGULATION. PROGRESS REPORT NO. 3, DEC. 1959. H.F. DODGE, DAVID S. HANDWERKER, AND ROBERT C. ELLER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1959
NR-B8-00-000-00837	ZUR FRAGE DES OPTIMALEN BILDMASS-STABES BEI DER HERSTELLUNG VON ORTHOPHOTOKARTEN. (ON THE PROBLEM OF OPTIMUM IMAGE SCALE IN ORTHOPHOTO MAP PRODUCTION) W. BRUCKLACHER, OBERKÖCHEN, WEST GERMANY. IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, MAY 1, 1970. PP.188-193. A70-29165

SUBJECT RELATED DOCUMENTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B8-00-000-00256	SYMPOSIUM ON MAP AND CHART DIGITIZING, WASHINGTON, D.C., OCTOBER 1969, PROCEEDINGS. GEOLOGICAL SURVEY COMPUTER CONTRIBUTION NO. 5. REPORT NO. USGS-TD-70-001. ROBERT A. HUBER, U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIV., WASHINGTON, D.C. PB-190 628 MARCH 1970, P.90. N70-35193
NR-B8-00-000-00879	WORLD MAPS OF CONSTANT B, L, AND FLUX CONTOURS. REPORT NO. NASA SP-3054. E.G. STASSINOPOULOS, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1970, 182P.
NR-B8-EJ-029-00919	SPACE PHOTO WOVEN INTO (TOPO) MAP OF PHOENIX, ARIZONA, AREA. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. GEOLOGICAL SURVEY NEWS RELEASE, MARCH 2, 1970. 1P.
NR-B8-00-000-00944	CONFORMAL MAPPING OF STEPPED SURFACES. REPORT NO. IS-2254. G.J. JONES, AMES LABORATORY, IOWA STATE UNIVERSITY, AMES, IOWA. JAN. 1970, 49P. CONTRACT NO. W-7405 ENG-82. N70-33817 MICROFICHE AND HARD COPY.
NR-B8-00-000-00954	SLOPE MEASUREMENT FROM CONTOUR MAPS. REPORT NOS. NASA-CR-110185, AND TR-70-109. CHAN M. PARKS, YUNG H. LEE, UNIVERSITY OF MARYLAND, COLLEGE PARK, MARYLAND, AND BERNARD B. SCHEPS, ARMY ENGINEERS, TOPOGRAPHIC LABS., FT. BELVOIR, VA. CONTRACT NOS. GRANT NGL-21-002-008, AND AT(40-1)-3662. N70-28723
NR-B8-00-000-00981	CARTOGRAPHIC AUTOMATIC MAPPING PROGRAM (CAM) DOCUMENTATION. FINAL REPORT. REPORT NO. CIA/BGI-CD-70-2. MAY 1970. 67P. PB-191779 N70-37336. MICROFICHE AND HARD COPY.
NR-B8-00-000-01001	AEROTRIANGULATION MIT UNABHANGIGEN MODELEN (AEROTRIANGULATION WITH INDEPENDENT MODELS). F. ACKERMANN, STUTTGART, UNIVERSITAT, STUTTGART, WEST GERMANY. IN BILDMESSUNG UND LUFTBILDMESSEN, VOL. 38, JULY 1, 1970. PP.198-206. A70-36778
NR-B8-00-000-01036	CARTOGRAPHY TODAY. R.C.A. EDGE, EDITOR, BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, SECTION E (GEOGRAPHY) IN THE ADVANCEMENT OF SCIENCE, VOL. 16, NO. 130, JUNE 1970. PP.355-371.
NR-B8-00-000-01060	THE CHANGING TASKS AND METHODS OF THE SURVEYOR. R.C.A. EDGE, DIRECTOR GENERAL, ORDNANCE SURVEY, (G.B.) IN ADVANCEMENT OF SCIENCE, VOL. 26, NO. 127, SEPT. 1969. PP.43-51.
NR-B8-00-000-01065	MAP READING. REPORT NO. FM 21-26. DEPARTMENT OF THE ARMY, HEADQUARTERS, WASHINGTON, D.C. JAN. 1969, 144P. AND 3 FOLDED MAPS IN POCKET. AVAILABLE FROM U.S. GOVT. PRINTING OFFICE, WASHINGTON, D.C.
NR-B8-00-000-01094	HSD MAP TRANSFORMATION MECHANIZATION. E.A. O'HERN, AND T.C. LU, NORTH AMERICAN ROCKWELL CORP., AUTONETICS DIV., ANAHEIM, CALIF. AIAA, AEROSPACE COMPUTER SYSTEMS CONFERENCE, LOS ANGELES, CALIF., SEPT. 1969, PAPER 69-987. 13P. IN JOURNAL OF AIRCRAFT, VOL. 7, SEPT.-OCT. 1970. PP.448-455. A69-40367 A70-42710
NR-B8-00-000-01100	EXPERIMENTAL EVALUATION OF ACCURACY OF RADIOGEODETIC MEASUREMENTS IN AERIAL PHOTOTOPOGRAPHIC WORK. V.N. BALANDIN, LENINGRAD MINING INSTITUTE, AND G.V. SHOYKHET, ALL-UNION MINE SURVEYING TURST, USSR. IN GEODESY AND AEROPHOTOGRAPHY (TRANSLATION JOURNAL) 1967, NO. 1. PP.41-44.



SUBJECT RELATED DOCUMENTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B8-00-000-01101	TECHNIQUES FOR IMPROVING THE ACCURACY OF AIR-TO-GROUND RADIO DISTANCE MEASUREMENT SYSTEMS. REPORT NO. ESSA-TR-ERL-108-ITS-76. L.E. WOOD, AND M.C. THOMPSON, JR., INSTITUTE FOR TELECOMMUNICATION SCIENCES, BOULDER, COLORADO. MARCH 1969, 33P. N70-32180
NR-B8-00-000-01118	RACOMS PASS POINT MARKING AND MEASURING INSTRUMENT. ENGINEER DESIGN TEST REPORT, JULY 68-JULY 69. REPORT NO. USAETL-53-TR. EUGENE TAYLOR, U.S. ARMY ENGINEER TOPOGRAPHIC LABS., FORT BELVOIR, VA. JAN. 1970, 53P. MICROFICHE COPY. AD-706 828 N70-37943
NR-B8-00-000-01131	WORLD CONTOURS OF CONJUGATE MIRROR LOCATIONS. FRANKLIN D. BARISH, DENVER UNIVERSITY, DENVER, COLO., AND ROBERT E. WILEY, USAF, WEAPONS LAB., KIRTLAND AFB, N. MEX. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NOV. 1, 1970. PP.6342-6346. CONTRACT NO. NSF GRANT GA-3905. A71-11516
NR-B8-00-000-01144	THE NEW CIRCUMZENITHAL OF THE RESEARCH INSTITUTE FOR GEODESY, TOPOGRAPHY AND CARTOGRAPHY IN PRAGUE. J. VONDRAK, VYZKUMNY USTAV GEODETICKY, TOPOGRAFICKY A KARTOGRAFICKY, PRAGUE, GEODETICKA OBSERVATOR, PECNY, CZECHOSLOVAKIA. IN ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA, BULLETIN, VOL. 21, NO. 4, 1970. PP.264-269. A71-10872
NR-B8-00-000-01163	AUTOMATION IN CARTOGRAPHY, 1970. REPORT OF COMMISSION 3, INTERNATIONAL CARTOGRAPHIC ASSOCIATION. MORRIS M. THOMPSON, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. FOR PRESENTATION AT THE INTERNATIONAL CONFERENCE ON CARTOGRAPHY, 5TH, STRESA, ITALY, MAY 1970, 15P.
NR-B8-00-000-01175	WEITERENTWICKLUNG DES ELEKTRONISCHEN HOHENSCHICHTLINIEN-ZEICHNERS HLZ ZUM ORTHOPROJEKTOR GIGAS-ZEISS. (FURTHER DEVELOPMENT OF THE ELECTRONIC CONTOUR LINE RECORDER HLZ FOR THE 'ORTHOPEKTEKTOR GIGAS-ZEISS'.) H.K. MEIER, CARL ZEISS, OBERKOCHEM, WEST GERMANY. IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, NOV. 1, 1970. PP.355-357. IN GERMAN. A71-11329
NR-B8-00-000-01176	EINFACHE AUSWERTUNG VON ZWEIMEDIEN-BILDPAAREN IN DOPPELPROJEKTOREN. (SIMPLE EVALUATION OF TWO-MEDIA IMAGE PAIRS IN DOUBLE PROJECTORS). W. KREILING, INSTITUT FUR PHOTOGRAMMETRIE UND TOPOGRAPHIE, UNIVERSITAT, KARLSRUHE, WEST GERMANY. IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, NOV. 1, 1970. PP.345-347. IN GERMAN. A71-11327
NR-B8-00-000-01205	NACHRICHTEN AUS DEM KARTEN- UND VERMESSUNGSWESEN. REIHE 1 - DEUTSCHE BEITRAEGE UND INFORMATIONEN, HEFT NR. 48. (INFORMATION RELATIVE TO CARTOGRAPHY AND SURVEYING. SERIES 1 - GERMAN CONTRIBUTIONS AND INFORMATION, NO. 48). INSTITUT FUER ANGEWANDTE GEODAESIE, FRANKFURT AM MAIN, WEST GERMANY. 1970, 42P. IN GERMAN, ENG. SUMMARY. MICROFICHE COPY. N71-10807
NR-B8-00-000-01206	NACHRICHTEN AUS DEM KARTEN- UND VERMESSUNGSWESEN. REIHE 1 - DEUTSCHE BEITRAEGE UND INFORMATIONEN, HEFT NR. 44. (INFORMATION RELATIVE TO CARTOGRAPHY AND SURVEYING. SERIES 1 - GERMAN CONTRIBUTIONS AND INFORMATION, NO. 44). INSTITUT FUER ANGEWANDTE GEODAESIE, FRANKFURT AM MAIN, WEST GERMANY. 1970, 76P. IN GERMAN, ENG. SUMMARY. MICROFICHE COPY. N71-10808
NR-B8-00-000-01248	BEITRAEGE ZUR TRANSFORMATION GEODAETISCHER GEOGRAPHISCHER KOORDINATEN NACH HRISTOW. (CONTRIBUTIONS TO THE TRANSFORMATION OF GEODETIC GEOGRAPHIC COORDINATES AFTER HRISTOW) WALTER WELSCH (PH.D. THESIS), TECHNISCHE HOCHSCHULE MÜNCHEN, WEST GERMANY. NOV. 1969, 76P. IN GERMAN. N70-26210

SUBJECT RELATED DOCUMENTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B8-00-000-01257	GEOGRAPHIC ORIENTATION IN AIR OPERATIONS, A JANAIR (JOINT ARMY AND NAVY AIRCRAFT INSTRUMENTATION RESEARCH) SYMPOSIUM, WASHINGTON, D.C., NOV. 1969. REPORT NO. REPT. NO. 101-1. JAMES J. MOGRATH, EDITOR, ANACAPA SCIENCES INC., SANTA BARBARA, CALIF. APRIL 1970, 321P. CONTRACT NO. N00014-70-C-0066. AD-709124
NR-B8-00-000-01278	ORTHOPROJECTION SYSTEMS AND THEIR PRACTICAL POTENTIAL. REPORT NO. S51-540E. H.K. MEIER, KARL ZEISS, OBERKOCHEM, WEST GERMANY. PRESENTED AT NATIONAL SURVEY CONFERENCE, 4TH, DURBAN, NATAL, JULY 1970, 12P.
NR-B8-00-000-01304	PHOTOGRAMMETRY IN THE UNITED STATES OF AMERICA. AMERICAN SOCIETY OF PHOTOGRAMMETRY, FALLS CHURCH, VIRGINIA. 1968, 12P.
NR-B8-00-000-01328	DETERMINATION OF LATITUDE AND LONGITUDE OF UNKNOWN STATIONS FROM PHOTOGRAPHS OF A SATELLITE AGAINST STELLAR BACKGROUND INDEPENDENT OF ANY DISTANCE. ANGEL A. BALDINI, ARMY ENGINEER TOPOGRAPHIC LABS., FORT BELVOIR, VIRGINIA. 1970, 14P. MICROFICHE COPY. AD-713508 N71-15354
NR-B8-00-000-01342	A METHOD FOR ANALYZING IMAGE DISTORTION IN DIFFRACTION TOPOGRAPHS. REPORT NO. BRL-1517. P.W. KINGMAN, BALLISTIC RESEARCH LABORATORIES, ABERDEEN PROVING GROUND, MARYLAND. DEC. 1970, 19P. MICROFICHE COPY. AD-717006
NR-B8-00-000-01364	CONVERSION OF SECTION-TOWNSHIP-RANGE TO LATITUDE-LONGITUDE - A COMPUTER TECHNIQUE. REPORT NOS. SP-48, AND OMRR-A-014-MONT(2). M.K. HOLTZ, MONTANA BUREAU OF MINES AND GEOLOGY, BUTTE, MONTANA. DEC. 1969, 21P. PB-196393 W70-06702
NR-B8-00-000-01399	AERIAL PHOTOGRAPHY STATUS MAPS AS OF MAY 1, 1970. REPORT NO. TR-ETR-7100-4A. FOREST SERVICE, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. MAY 1970, 82P.
NR-B8-00-000-01446	AERIAL PHOTOGRAPHY STATUS MAPS AS OF JULY 31, 1970. AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. 1970, 138P.
NR-B8-00-000-01457	STUDY OF POTENTIAL APPLICATION OF HOLOGRAPHIC TECHNIQUES TO MAPPING INTERIM TECHNICAL REPORT SEPT. 69-SEPT. 70. REPORT NO. ETL-CR-70-8. GARY H. GLASER, AND EDWARD M. MIKHAIL, PURDUE RESEARCH FOUNDATION, LAFAYETTE, INDIANA. DEC. 1970, 203P. CONTRACT NO. DAAK02-69-C-0563. MICROFICHE COPY. AD-718084
NR-B8-00-000-01458	AN INVESTIGATION OF THE ACCURACY OF MULTIQUADRIC EQUATIONS OF TOPOGRAPHY. REPORT NO. TOPCOM-TR-1-4. PAUL DENNIS BROOKS, U.S. ARMY TOPOGRAPHIC COMMAND, WASHINGTON, D.C. MARCH 1971, 106P. MICROFICHE COPY. AD-718038
NR-B8-00-000-01461	THE ALL-UNION CONFERENCE ON PROBLEMS OF AUTOMATION AND MECHANIZATION IN CARTOGRAPHY. (V-SESOYUZNAYA KONFERENTSIYA PO VOPROSAM AVTOMATIZATSII I MEKHANIZATSII V KARTOGRAFII). REPORT NO. ACIC-TC-1621. A.A. PAVLOV. AERONAUTICAL CHART AND INFORMATION CENTER, ST. LOUIS MO. LINGUISTIC SECTION. AUG. 1970, 8P. TRANSL. OF Leningrad Univ., VESTNIK (USSR) VOL. 22, NO. 12, SERIYA GEOLOGII I GEOGRAFI, NO. 2. PP.166-167. JUNE 1967. MICROFICHE COPY. AD-711 978
NR-B8-00-000-01473	AURORAL OVAL PLOTTER AND NOMOGRAPH FOR DETERMINING CORRECTED GEOMAGNETIC LOCAL TIME, LATITUDE, AND LONGITUDE FOR HIGH LATITUDES IN THE NORTHERN HEMISPHERE. REPORT NOS. AFCL-70-0422, AND AFCL-ERP-327. JAMES A. WHALEN, U.S. AIR FORCE CAMBRIDGE RESEARCH LABS., L.G. HANSCOM FIELD, MASS. JULY 1970, 31P. MICROFICHE COPY. AD-713170

SUBJECT RELATED DOCUMENTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B8-00-000-01475	ACTIVITIES REPORT OF ETL FIELD OFFICE, JAN-DEC. 1967. ENGINEER TOPOGRAPHIC LABORATORIES, U.S. ARMY CORPS OF ENGINEERS, WRIGHT-PATTERSON AFB, OHIO. JAN. 1968, 186P. MICROFICHE COPY. AD-828068
NR-B8-00-000-01487	MANUAL OF PHOTOGRAMMETRY. THIRD EDITION. IN 2 VOLUMES. MORRIS M. THOMPSON, EDITOR-IN-CHIEF. AMERICAN SOCIETY OF PHOTOGRAMMETRY, FALLS CHURCH, VIRGINIA. 1966, 2 VOLS. 1221P. \$38.00.
NR-B8-00-000-01499	A REVIEW OF LANDTYPE CLASSIFICATION AND MAPPING.. DOUGLAS S. LACATE, DEPT. OF FORESTRY, VICTORIA, B.C., CANADA. IN LAND ECONOMICS, VOL. 27, NO. 3, 1961. PP.271-278.
NR-B8-00-000-01501	VERGLEICH DER WIRTSCHAFTLICHKEIT VON TERRESTRISCHEN MIT PHOTOGRAMMETRISCHEN METHODEN. (COMPARISON OF THE ECONOMY OF TERRESTRIAL AND PHOTOGRAMMETRICAL METHODS). RUDOLPH FORSTNER, INSTITUT FUER ANGEWANDTE GEODAESIE, FRANKFURT AM MAIN, WEST GERMANY. INSTITUT FUER ANGEWANDTE GEODAESIE (FRANKFURT AM MAIN). CARTOGRAPHIC AND GEODETIC SURVEY REPORT SERIES 1, ISSUE NO. 38, 1968. PP.5-17. IN GERMAN. N69-36516
NR-B8-00-000-01521	ATLANTIC REGION SEMIANALYTICAL AEROTRIANGULATION PROGRAM. LEONARD R. MANNELLO, MORRIS L. MCKENZIE, AND ROBERT MONTGOMERY, JR., U.S. GEOLOGICAL SURVEY, ARLINGTON, VA. APRIL 1970, 68P. USGS COMPUTER CONTRIBUTION-6. PB-194570 N71-16994
NR-B8-00-000-01524	NUMERICAL METHODS FOR RADIAL TRIANGULATION. FINAL REPORT. REPORT NO. RES. REPT. 79-1F. ROBERT D. TURPIN, CENTER FOR HIGHWAY RESEARCH, UNIV. OF TEXAS, AUSTIN, TEXAS. MAY 1966, 68P. CONTRACT NO. 3-8-64-79.
NR-B8-00-000-01544	INTERNATIONAL RELATIONS OF SOVIET GEODESISTS AND CARTOGRAPHERS. REPORT NO. JPRS-50964. N.N. SPASSKIY, ADDRESS UNKNOWN. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. JULY 1970, 12P. TRANSL. OF - GEODEZIYA I KARTOGRAFIYA (USSR), MAY 1970. PP.62-69. MICROFICHE COPY. N70-34773
NR-B8-00-000-01547	TRILATERATION ADJUSTMENT AND NETWORK DESIGN - A CRITICAL COMPENDIUM OF METHODS AND TECHNIQUES PROPOSED FOR THE ADJUSTMENT AND DESIGN OF TRILATERATED NETWORKS. REPORT NO. TOPOCOM-TR-1-3 FRANCIS LAWRENCE HANIGAN (PH.D. DISSERTATION), OHIO STATE UNIV., COLUMBUS. OHIO STATE UNIV., COLUMBUS, OHIO. DEC. 1970, 345P. MICROFICHE COPY AND 2 HARD COPIES. AD-715710
NR-B8-00-000-01548	PHOTOGRAMMETRY - BASIC PRINCIPLES AND GENERAL SURVEY. BERTIL HALLERT, ROYAL INSTITUTE OF TECHNOLOGY, STOCKHOLM, SWEDEN. MCGRAW-HILL BOOK COMPANY, NEW YORK. 1960, 349P. \$16
NR-B8-00-000-01550	HESSEN IN KARTE UND LUFTBILD - TOPOGRAPHISCHER ATLAS. TEIL I. EUGEN ERNST, AND HERMAN KLINGSPORN, EDITORS. HERAUSGEGEBEN VOM HESSISCHEN LANDESMESSEUNGSAMT. KARL WACHHOLTZ VERLAG, NEUMUNSTER, GERMANY. 1969, 182P. 25X34 CM. \$10.
NR-B8-00-000-01553	AIR NAVIGATION. REPORT NO. AF MANUAL 51-408 VOL. 1 DEPARTMENT OF THE AIR FORCE, AIR TRAINING COMMAND WASHINGTON, D. C. AUG. 1968, 437P AVAILABLE FROM- U. S. GOVERNMENT PRINTING OFFICE \$4.75

# SECTION B9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-B9-PJ-000-00030	A DIVERSIFIED PROGRAM FOR THE STUDY OF SHALLOW WATER SEARCHING AND MAPPING TECHNIQUES. FINAL REPORT. GEORGE F. BASS, AND DONALD M. ROSECRANTZ, UNIVERSITY OF PENNSYLVANIA, UNIVERSITY MUSEUM, PHILADELPHIA, PA. NOV. 1968. CONTRACT NUMBER N00014-67-A-0216-002. MICROFICHE COPY.
NR-B9-00-000-00032	NATION-WIDE APPLICATION OF AEROTRIANGULATION. G. TEWINKEL, ESSA COAST AND GEODETIC SURVEY, ROCKVILLE, MARYLAND. PRESENTED AT THE AMERICAN PHOTOGRAMMETRIC SOCIETY-AMERICAN CONGRESS OF SURVEYING AND MAPPING, PORTLAND, OREGON, SEPT. 1969. PP.296-315 IN CONVENTION PROCEEDINGS.
NR-B9-00-000-00062	A MODERN SYSTEM FOR AERIAL MAPPING. REPORT NO. GIMRADA-TN-67-2. ROBERT G. LIVINGSTON, U.S. ARMY ENGINEER GEODESY INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPMENT AGENCY, WRIGHT-PATTERSON AFB, OHIO. PUBLISHED IN MILITARY ENGINEER, NO. 389, MAY-JUNE 1967. PP.172-173.
NR-B9-00-000-00092	INVESTIGATION OF SMALL-SCALE MAP PROJECTIONS FOR SPACE IMAGERY. NATHAN RESNICK, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. MARCH 1970. PB-190 718 N70-35117.
NR-B9-FJ-998-00093	LAND USE MAPPING OF THE SOUTHWESTERN UNITED STATES FROM SATELLITE IMAGERY. NORMAN J. THROWER, ET AL., UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIFORNIA. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969. PAPER AAS 69-576. MICROFICHE COPY.
NR-B9-00-000-00161	COORDINATE METHOD IN ANALYTICAL RADIAL TRIANGULATION. LIU HSIEN-LIN, CHINA. PUBLISHED IN ACTA GEODETICA ET CARTOGRAPHICA SINICA, VOL. 7, NO. 4, 1964. PP.261-274. MICROFICHE COPY.
NR-B9-00-000-00210	ACCURACY OF SIGHTING AND IDENTIFYING POINTS DURING MEASUREMENTS OF THEIR COORDINATES FROM AERIAL PHOTOGRAPHS. N.M. FILCHAGIN, USSR. PUBLISHED IN GEODEZIJA I KARTOGRAFIJA, VOL. 14, NO. 6, 1969. PP.38-46. MICROFICHE COPY.
NR-B9-NK-000-00211	PHOTOGRAMMETRIC CONTOURING FROM AERIAL COLOUR PHOTOGRAPHS. J. DENZLER, TOPOGRAPHICAL SURVEY OF SWITZERLAND. PRESENTED AT INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND, JULY 1968, PUBLISHED IN INTERNATIONAL ARCHIVES OF PHOTOGRAMMETRY, VOL. 17, PART 9, 1969.
NR-B9-GH-095-00217	COLOR-SEPARATION AND PRINTING TECHNIQUES FOR PHOTOMAPS. JACK W. PUMPELLY, U.S. GEOLOGICAL SURVEY. 1967. PUBLISHED IN SURVEYING AND MAPPING, VOL. 27, NO. 2, 1967. PP.277-280.
NR-B9-FJ-076-00252	THE CORRELATION OF RADAR SCATTEROMETER DATA WITH AERIAL TERRAIN PHOTOGRAPHY. CRES TECHNICAL REPORT 118-13. J.M. CULLEN AND G.A. BRADLEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1968, REVISED MARCH 1969. CONTRACT NUMBER NAS 9-7175. STAR N69-32711



ACCESSION NUMBER	DESCRIPTION
NR-B9-00-000-00258	A TECHNIQUE FOR PREPARING DESERT TERRAIN ANALOGS. HANDBOOK. TR 3-506. U.S. ARMY ENGINEER, CORPS OF ENGINEERS, WATERWAYS EXPERIMENT STATION, VICKSBURG, MISSISSIPPI. MAY 1959. CONTRACT NO. R AND D 8-70-09-400.
NR-B9-00-000-00261	THE USE OF AERIAL PHOTOGRAPHS FOR MAPPING AND RESOURCE SURVEYS IN DEVELOPING COUNTRIES. ANDREW N. NASH, UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.
NR-B9-00-000-00264	A UNIVERSAL PRECISION PLOTTER. DIETER ZEUNER, DIPL. ING. CARL ZEISS, JENA, GERMANY, D.D.R. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.
NR-B9-00-000-00265	AEROTRIANGULATION PROGRAM AT THE INTERNATIONAL CONGRESS. G.C. TEWINKEL, ESSA COAST AND GEODETIC SURVEY, ROCKVILLE, MD. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEM-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.
NR-B9-EJ-998-00303	THE USE OF MULTIPARAMETER RADAR IMAGERY FOR THE DISCRIMINATION OF TERRAIN CHARACTERISTICS. CRES TECHNICAL REPORT 61-19. R.D. ELLERMEIER, D.S. SIMONETT AND L.F. DELLWIG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSR-17-004-003 AND NSG-298. PUBLISHED IN THE 1967 IEEE INTERNATIONAL CONVENTION RECORD, PART 2, P 127-135.
NR-B9-00-000-00327	POTENTIAL OF RADAR REMOTE SENSORS AS TOOLS IN RECONNAISSANCE GEOMORPHIC, VEGETATION AND SOIL MAPPING. D.S. SIMONETT, UNIVERSITY OF KANSAS, DEPARTMENT OF GEOGRAPHY, LAWRENCE, KANSAS. CONTRACT NUMBER USGS 14-08-0001-10848. PUBLISHED IN PROCEEDINGS, 9TH CONGRESS, INTERNATIONAL SOIL SCIENCE SOCIETY, ADELAIDE, AUSTRALIA, AUGUST 6-16, 1968.
NR-B9-00-000-00357	K VOPROSU OBRABOTKI AEROSNIMKOV NA FOTOGRAMMETRICHESKIKH PROBORAKH PO USTANOVOCHEM VELITICHINOM. (PROCESSING OF AERIAL PHOTOGRAPHS ON PHOTOGRAMMETRIC DEVICES ON THE BASIS OF SETTING VALUES. PUBLISHED IN GEODEZIJA I KARTOGRAFIJA, VOL. 14, NO. 10, 1969. PP.61-63. A70-18691 MICROFICHE COPY.
NR-B9-00-000-00358	OB OPTIMALNOM MASSHTABE AEROFOTOSEMKI. (OPTIMAL SCALE OF AERIAL SURVEYS). A.G. VANIN, USSR. PUBLISHED IN GEODEZIJA I KARTOGRAFIJA, VOL. 14, NO. 10, 1969. PP.52-61. A70-18690 MICROFICHE COPY
NR-B9-00-000-00370	RADAR RESOLUTION AND FIDELITY TESTING: THE ELGIN AFB, WRIGHT PATTERSON AFB AND FORT HUACHUCA RADAR TESTING RANGES. CRES TECHNICAL MEMORANDUM 118-13. GARY C. THOMANN, THE UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. JUNE 1969. CONTRACT NUMBER NAS 9-7175.
NR-B9-00-000-00443	AIRBORNE RADIOMETRIC SURVEYING-OFFICE AND FIELD TECHNIQUES. (RME-129 REV). THOMAS L. BOYLE, U.S. ATOMIC ENERGY COMMISSION, GRAND JUNCTION, COLORADO. JULY 1963.
NR-B9-00-000-00461	IDENTIFICATION OF CONTROL POINTS IN TERRAIN AND IN AERIAL PHOTOGRAPHS. JIRI SIMA, GEODETIC INSTITUTE, PRAGUE, CZECH-OSLOVAKIA. REPRINT FROM GEODETIC AND CARTOGRAPHIC HORIZON, VOL. 8/50, NO. 6, PRAGUE, JUNE 1962, P.102-107. STAR NO. X63-10251.

TECHNICAL REPORTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B9-00-000-00464	DIE VERWENDUNG EINES 35-GHZ-RADIOMETERS ZUR KARTOGRAPHIE VOM FLUGZEUG AUS. ENGLISH TRANSLATION - THE USE OF A 35 GHZ RADIOMETER FOR MICROWAVE GROUND MAPPING. F. SCHLUDE, GERMANY. MAY 1968. STAR N68-30499.
NR-B9-00-000-00465	BEITRAG ZUR VERWENDUNG DES STEREOTOP FUR DIE HERSTELLUNG TOPOGRAPHISCHER KARTEN. ALFONS HABERMEYER, SONDERDRUCK AUS DEM MITTEILUNGSBLATT DES DEUTSCHEN VEREINS FUR VERMESSUNGSWESEN, LANDESVEREIN BAYERN, GERMANY. 1967. STAR N68-84243
NR-B9-00-000-00475	SOVIET USE OF RADIOGEODESIC STATIONS (RGSTS) IN MAKING TOPOGRAPHIC MAPS. M.D. KONSHIN AND N.D. NAZAROV, USSR. PUBLISHED IN GEODEZIYA I KARTOGRAFIYA. JUNE 1962. P.37-46 MICROFICHE COPY.
NR-B9-00-000-00477	ON SEARCHING A CONTOUR MAP FOR A GIVEN TERRAIN ELEVATION PROFILE. H. FREEMAN, DEPARTMENT OF ELECTRICAL ENGINEERING, NEW YORK UNIVERSITY, BRONX, NEW YORK, AND S.P. MORSE, IBM THOMAS J. WATSON RESEARCH CENTER, YORKTOWN HEIGHTS, NEW YORK. PUBLISHED IN THE JOURNAL OF THE FRANKLIN INSTITUTE, VOL. 284, NO. 1. JULY 1967. PP.1-23.
NR-B9-00-000-00568	PHOTOGRAMMETRIC MAPPING USING VERTICALITY DATA. FINAL REPORT, MARCH 23-MAY 23, 1962. ARTHUR J. BRANDENBERGER, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. CONTRACT NUMBER AF 08-(614)-3188. STAR N68-80480. MICROFICHE COPY.
NR-B9-00-000-00585	USE OF HIGH-ALTITUDE JET PHOTOGRAPHY FOR TOPOGRAPHIC MAPPING. ROBERT E. ALTENHOFEN, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. 1969.
NR-B9-EJ-998-00587	ALL-WEATHER MAPPING BY RADAR. A.A. NIMS, DEFENSE AND SPACE CENTER, WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD. REPRINT FROM WESTINGHOUSE ENGINEER, VOL. 28, MAY 1968. PP.76-81.
NR-B9-00-000-00607	H.F. IONOSPHERIC RADAR GROUND-SCATTER MAP SHOWING LAND-SEA BOUNDARIES BY A SPECTRAL-SEPARATION TECHNIQUE. J.C. BLAIR AND L.L. MELANSON, ESSA RESEARCH LABORATORIES, BOULDER COLORADO. PUBLISHED IN ELECTRONICS LETTERS, VOL. 5, NO. 4, FEB. 1969. PP.75-76.
NR-B9-00-000-00618	AERIAL PHOTOGRAPHY USED IN MAPPING VEGETATION AND SOILS. TRANSLATED FROM RUSSIAN BOOK, OPYT KARTIROVANIYA RASTITEL NOSTI I POCHV PO AEROSNIMKAM, 1964. B.V. VINOGRADOV, USSR.
NR-B9-00-000-00638	THE CASE FOR UNIVERSAL MAPPING. ALDEN P. COLVOCORESSES, U.S. GEOLOGICAL SURVEY, MC LEAN, VA. AND U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C.
NR-B9-00-000-00668	APPLICATION OF SMALL AERIAL CAMERAS TO THE COMPILATION OF 1:25,000 SCALE TOPOGRAPHIC MAPS. V. YE. PERMITIN AND A.S. SUDAKOV, ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASH. D.C. TRANSLATED FROM RUSSIAN, PUBLISHED IN GEODEZIYA I KARTOGRAFIYA, NO. 7, 1968. PP.46-52. MICROFICHE COPY. STAR N69-33118.
NR-B9-00-000-00751	USE OF ELECTRONIC COMPUTERS IN TOPOGRAPHIC AND GEODETIC WORK. REPORT NO. FSTC-HT-23-713-68. L.A. KASHIN, USSR. TRANSLATION OF GEODEZIYA I KARTOGRAFIYA, NO. 5, 1968. PP.13-19. MICROFICHE COPY.
NR-B9-00-000-00766	TOPOGRAPHISCHE KARTOGRAPHIE IN DER GEGENWART. (TOPOGRAPHIC MAPPING AT THE PRESENT TIME.) HERBERT KNORR, FRANKFURT A.M. GERMANY. PUBLISHED IN ZEITSCHRIFT FUR VERMESSUNGSWESEN, VOL. 94, DEC. 1969. PP.504-511. A70-19371.

TECHNICAL REPORTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B9-00-000-00802	PHOTOGRAMMETRIC EQUIPMENT. EDITED TRANSLATION OF MONOGRAPH V/O MASHPRIBORINTORG. APPAREILS PONO LA PHOTOGRAMMETRIC. MOSCOW, N.D. PP.1-11. MICROFICHE COPY.
NR-B9-00-000-00806	RESULTS OF EXPERIMENTAL WORK OF THE TSNIIGAİK (CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL MAPPING AND CARTOGRAPHY) ON LARGE-SCALE SURVEYS. N.A. SOKOLOVA, USSR. TRANSLATION OF GEODEZIYA I KARTOGRAFIYA, NO. 7, 1968. PP.35-45. MICROFICHE COPY.
NR-B9-00-000-00807	SOVIET AERIAL PHOTOGRAPHY AND OTHER TOPOGRAPHIC, GEODETIC AND CARTOGRAPHIC SURVEYS IN THE ANTARCTIC. B.V. DUBOVSKOY, USSR. TRANSLATION OF GEODEZIYA I KARTOGRAFIYA, NO. 6, 1966. PP.51-61. MICROFICHE COPY.
NR-B9-00-000-00808	GEODESY AND CARTOGRAPHY, NO. 3, 1966 (SELECTED ARTICLES). E.A. OSIPOV, M.V. OSTROVSKII, AND E.R. MALOV, USSR. TRANSLATION OF GEODEZIYA I KARTOGRAFIYA, NO. 3, 1966. PP.50-55. MICROFICHE COPY.
NR-B9-00-000-00809	SOVIET PHOTOGRAMMETRY. (SURVEYS OF FOREIGN SCIENCE AND TECHNICAL LITERATURE). ALEXANDER BOBROVSKY, LIBRARY OF CONGRESS, AEROSPACE TECHNOLOGY DIV., WASHINGTON, D.C. JUNE 1969. MICROFICHE COPY. STAR N69-41250.
NR-B9-00-000-00862	GRUNDLAGEN, BEARBEITUNG UND HERSTELLUNG GROSSMASSTAEBIGER LUFTBILDKARTEN. (FUNDAMENTALS, PROCESSING AND MANUFACTURE OF LARGE SCALE AEROPHOTOGRAPHI MAPS). RUDOLF SCHWEISSSTHAL, TECHNISCHE HOCHSCHULE HANNOVER, WEST GERMANY, FAKULTAT FUR BAUWESEN. 1967. STAR N69-11041.
NR-B9-00-000-00932	MARKING OF GEODETIC POINTS IN OPEN MOUNTAIN REGIONS. M.S. KRYUGER, USSR. TRANSLATED FROM GEODEZIYA I KARTOGRAFIYA, NO. 11, 1965. PP. MICROFICHE COPY.
NR-B9-00-000-00934	EXPERIENCE IN LARGE-SCALE LANDSCAPE INTERPRETATION AND MAPPING OF KEY SECTORS IN THE ARID AND SUBARID ZONES OF CENTRAL ASIA AND KAZAKHSTAN. B.V. VINOGRADOR, USSR. AUGUST 1968. STAR N70-10842. MICROFICHE COPY.
NR-B9-00-000-00953	MAP COMPILATION WITH ORTHOPHOTOGRAPHY. CHARLES H. LAWRENCE, ARMY MAP SERVICE, WASHINGTON, D.C. PUBLISHED IN AMERICAN CONGRESS ON SURVEYING AND MAPPING 28TH ANNUAL MEETING, WASHINGTON, D.C. MARCH 1968, PAPERS, PP.253-264.
NR-B9-GJ-000-00988	AIRPHOTO MAPPING OF MONTGOMERY COUNTY SOILS FOR ENGINEERING PURPOSES. J.D. MOLLARD, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING BULLETIN, EXTENSION SERIES NO. 63, VOL. 31, NO. 4, JULY 1947. PP.223-266.
NR-B9-00-000-00990	THE USE OF AERIAL MAPS IN SOIL STUDIES AND LOCATION OF BORROW PITS. ROBERT E. FROST, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. REPRINTED FROM KANSAS ENGINEERING EXPERIMENT STATION BULLETIN NO. 51, JULY 1946. PP.58-82. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING BULLETIN NO. 20.
NR-B9-GJ-000-01001	THE PREPARATION OF ENGINEERING SOIL MAPS FROM AERIAL PHOTOGRAPHS. CHARLES R. MC CULLOUGH, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING BULLETIN, NO. 31, VOL. 4, NO. 1, JAN. 1950. PP.42-53.
NR-B9-00-000-01020	EXPERIMENTAL WORK ON ANALYTICAL PHOTOTRIANGULATION. N.S. BOIKOVA, USSR. TRANSLATION OF GEODEZIYA I KARTOGRAFIYA (SSSR), NO. 3, MARCH 1967. PP.34-38. AD-695 730. MICROFICHE COPY. STAR N70-15134

TECHNICAL REPORTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B9-00-000-01025	MAPPING FROM SATELLITE PHOTOGRAPHY. FREDERICK J. DOYLE, RAYTHEON CO., ALEXANDRIA, VIRGINIA. PRESENTED AT THE 61ST ANNUAL MEETING OF THE CANADIAN INSTITUTE OF SURVEYING, EDMONTON, ALBERTA, CANADA, JAN.-FEB. 1968.
NR-B9-00-000-01036	ERFAHRUNGEN BEI DER HERSTELLUNG VON ORTHOPHOTOKARTEN. (EXPERIENCE IN THE PRODUCTION OF ORTHOPHOTO MAPS.) G. WINKELMANN, MUNSTER, GERMANY. PUBLISHED IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 37, SEPT. 1969. PP.183-186. A69-41246.
NR-B9-00-000-01037	APPLICATION OF AERIAL PHOTOGRAPHS IN GEOMORPHOLOGY. FRITZ FEZER, HEIDELBERG UNIVERSITY, WEST GERMANY. PUBLISHED IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 37, JULY 1969. PP.161-165.
NR-B9-00-000-01087	CHOOSING A TECHNICAL PROCEDURE FOR COMPILING A 1:25,000 MAP OF A PLAINS AREA WITH SPARSE HORIZONTAL AND VERTICAL CONTROL FOR AERIAL PHOTOGRAPHS. V.M. SHULMIN, MOSCOW INSTITUTE OF GEODETIC AERIAL MAPPING AND CARTOGRAPHIC ENGINEERS, USSR. PUBLISHED IN GEODESY AND AEROPHOTOGRAPHY, NO. 1, 1967. PP.44-49.
NR-B9-00-000-01089	TO MEASURE IS TO KNOW - GEOMETRIC FIDELITY AND INTERPRETATION IN RADAR MAPPING. BERNARD B. SCHEPS, U.S. ARMY ENGINEER RESEARCH AND DEVELOPMENT LABORATORIES, FORT BELVIER, VA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 26, NO. 4, 1960. PP.637-644.
NR-B9-00-000-01166	ADVANCED RADAR MAP COMPILATION EQUIPMENT. CLIFFORD J. CRANDALL, U.S. ARMY, INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPMENT AGENCY (GIMRADA), FT. BELVOIR, VA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 29, NO. 6, 1963. PP.947-955.
NR-B9-00-000-01261	CARTOGRAPHIC APPLICATIONS OF ORBITAL PHOTOGRAPHY. REPORT NO. X-644-70-110. RONALD G. DALRYMPLE, PLANETOLOGY BRANCH, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. MARCH 1970. NASA-TM-X-63938 N70-30215
NR-B9-00-000-01308	SATELLITE HIGH RESOLUTION RADAR MAPPING TECHNIQUES. JOHN J. COVALY, RAYTHEON CO., BEDFORD, MASS. AT NEW YORK ACADEMY OF SCIENCES, CONFERENCE ON PLANETOLOGY AND SPACE MISSION PLANNING, 2ND, NEW YORK CITY, OCT. 1967. IN NEW YORK ACADEMY OF SCIENCES. ANNALS, VOL. 163, SEPT. 1969. PP.154-170. A70-26038.
NR-B9-RJ-000-01344	ACADEMY OF SCIENCES OF THE USSR. GEOGRAPHIC SOCIETY, NEW PROBLEMS AND METHODS OF CARTOGRAPHY. N.A. LOSEVA AND A.A. PAVLOV, USSR. TRANSLATION OF AKADEMIIA NAUK SSSR. GEOGRAFICHESKOYE OBNHCHEST VO NOVYYE PROBLEMI I METODY KARTOGRAFII, Leningrad, IZD-VO NAUKA, 1967. PP.25-39. CONTRACT NO. F33657-68-D-1287. MICROFICHE COPY. AD-686 229 N70-20247.
NR-B9-00-000-01350	ELECTRONIC PHOTOGRAMMETRY. L.N. VASILYEV, YR. N. PANKRATEV, USSR. TRANSLATION OF MONOGRAPHY - ELEKTRONIKA V FOTOGRAFMETRII, LVOVSKIY UNIVERSITET, MOSCOW, 1968. PP.1-237. MICROFICHE COPY. AD-700 847
NR-B9-00-000-01352	METHODS OF GRAPHICAL AND ANALYTICAL MENSURATION OF SINGLE TERRESTRIAL PHOTOGRAPHS. JAMES MYRON FRY, UNIVERSITY OF ILLINOIS, URBANA, ILL. MAY 1969. MICROFICHE COPY. PB-183 889 N70-10344
NR-B9-00-000-01355	ANALYTICAL AEROTRIANGULATION FOR HIGHWAY LOCATION AND DESIGN. INTERIM REPORT ON PHASES 1 AND 2, PROJECT IHR-804. H.M. KARARA AND G.W. MARKS, UNIVERSITY OF ILLINOIS, URBANA, ILL. NOV. 1968. MICROFICHE COPY. PB-183 706 N70-10057



TECHNICAL REPORTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B9-00-000-01357	APPLICATION OF A UNIVERSAL STEREOPHOTOGRAMMETRIC APPARATUS OF THIRD ORDER ACCURACY (SANTONI STEREOMICROMETER) IN STUDYING THE FISSURE TETONICS OF AN INTRUSIVE MASS. M.M. NABOKOV, V.I. NARKEVICH, USSR. TRANSLATION FROM - FOTOGRAFOMETRICHESKAYA OBRABOTKA I DESHIFIROVANIYE AEROSNIMKOV. LENNINGRAD, NAUKA, 1967. PP.139-148. MICROFICHE COPY. AD-662 286 N68-15845.
NR-B9-00-000-01376	RADAR MAPPING IN HEAVY RAIN WITH ORTHOGONAL RADAR MODES AT X-AND K SUB A-BAND. M.S. WHEELER, AND K.A. BADERTSCHER, WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD. IN NAECON '70 RECORD - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, NATIONAL AEROSPACE ELECTRONICS CONFERENCE, DAYTON, OHIO, MAY 1970, PROCEEDINGS. PP.72-80. A70-33434
NR-B9-00-000-01380	TERRAIN ANALYSIS IN MOBILITY STUDIES FOR MILITARY VEHICLES. J.T. PARRY, J.A. HEGINBOTTOM, AND W.R. COWAN, MCGILL UNIVERSITY, MONTREAL, CANADA. IN LAND EVALUATION, 1968. PP.160-170. CONTRACT NO. VC 69-500007--SERIAL NO. 2VC 5-1.
NR-B9-00-000-01425	RESEARCH FOR THE DEVELOPMENT OF AN EARTH ATLAS BASED ON VIEWING THE EARTH FROM SPACE WITH VARIOUS REMOTE SENSORS AND THE APPLICATION FOR GLOBAL PLANNING. JAMES E. GILLIS, JR., AND ROGER A. LESTIMA, U.S. ARMY CORPS OF ENGINEERS, GEODESY, INTELLIGENCE, MAPPING RESEARCH AND DEVELOPMENT AGENCY. IN SCIENTIFIC EXPERIMENTS FOR MANNED ORBITAL FLIGHT, GODDARD MEMORIAL SYMPOSIUM, 3RD, WASHINGTON, D.C., MARCH 1965, PROCEEDINGS (AAS SCIENCE AND TECHNOLOGY SERIES, VOL. 4) PP.235-259.
NR-B9-EJ-998-01454	ANNUAL REPORT ON RESEARCH AND DEVELOPMENT. APRIL 1970. REPORT NO. USGS-TD-70-003. ROBERT A. HUBER, U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIVISION, WASHINGTON, D.C. APRIL 1970. PB-192041 N70-37382
NR-B9-00-000-01495	ECONOMICAL CONSIDERATIONS IN PHOTOGRAMMETRIC SURVEYING AND MAPPING. DR. ARTHUR J. BRANDENBERGER, LAVAL UNIVERSITY, QUEBEC, CANADA. INVITED PAPER INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, COMMISSION 4, LAUSANNE 1968. 10P.
NR-B9-00-000-01504	USE OF AIR PHOTOGRAPHS IN LAND USE STUDIES IN SOUTH AFRICA AND ADJACENT TERRITORIES. C. BOARD, DEPT. OF GEOGRAPHY, LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE, LONDON, ENGLAND. IN PHOTOGRAMMETRIA, VOL. 20, 1965, PP.163-170.
NR-B9-GH-095-01532	MAPPING FOR CHANGING ENVIRONMENT. MORRIS M. THOMPSON, U.S. GEOLOGICAL SURVEY, ARLINGTON, VA. IN ASCE PROCEEDINGS, JOURNAL OF THE SURVEYING AND MAPPING DIVISION, VOL. 95, NO. SU 1, PAPER 6818, PP.35-48, OCT. 1969. W70-07019
NR-B9-00-000-01537	FTD INPUT PROCESSING OF AERIAL PHOTOGRAPHIC DATA FOR RECTIFICATION PARAMETERS. WITH ATTACHED MEMORANDUM OF OCT. 1965 FROM JAMES LARUE ON (APPLICATION OF DIMENSIONAL ANALYSIS TO RANGER PHOTOGRAPHS). JAMES D. LARUE, AND FRANCIS E. BELL, TECHNOLOGY INCORPORATED, DAYTON, OHIO. OCT. 1964, 150P. MEMO OCT. 1965. 3P.
NR-B9-00-000-01594	LOW LIGHT LEVEL PHOTOGRAPHY. TECHNICAL REPORT, MARCH-OCT. 1965. REPORT NO. REPT.-32-TR. JOHN R. BENTON, U.S. ARMY ENGINEER GEODESY, INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPING AGENCY, FORT BELVOIR, VA. AUG. 1966, 64P. MICROFICHE COPY. AD-642167 N67-16171
NR-B9-00-000-01601	MAPPING OF THE LAND FROM SPACE. FREDERICK J. DOYLE, RAYTHEON CO., AUTOMETRIC OPERATION, LEXINGTON, MASS. AT AMERICAN ASTRONAUTICAL SOCIETY, ANNUAL MEETING, 13TH, DALLAS, TEXAS, MAY 1967, AAS PAPER 67-106, 15P. MICROFICHE COPY. A67-29960

TECHNICAL REPORTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B9-00-000-01602	TOPOGRAFICHESKOE PRIMENENIE TSVETNOI AEROFOTOSEMKI V SSSR. (TOPOGRAPHIC APPLICATION OF COLOR AERIAL PHOTOGRAPHY IN THE USSR). L.M. GOL'SMAN, (USSR) IN GEODEZIJA I KARTOGRAFIJA, NOV. 1965. PP.41-47. IN RUSSIAN. MICROFICHE COPY. A66-16752
NR-B9-00-000-01603	AUTOMATIZIERUNG UND MECHANISIERUNG IN DER MATHEMATISCHEN KARTOGRAPHIE. (AUTOMATION AND MECHANIZATION IN MATHEMATICAL CARTOGRAPHY). N.M. VOLKOV, MOSKOVSKII INSTITUT INZHENEROV GEODEZII, AEROFOTOSEMKI I KARTOGRAFIJA, MOSCOW, USSR. IN WISSENSCHAFTLICHE ZEITSCHRIFT DER TECHNISCHEN UNIVERSITAT DRESDEN, VOL. 18, NO. 2, 1969. PP.589-596. IN GERMAN. MICROFICHE COPY. A70-28925
NR-B9-00-000-01613	AIRBORNE CONTROL (ABC) SYSTEM SURVEYS. U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIVISION, WASHINGTON, D.C. MARCH 1962, 45P. TOPOGRAPHIC INSTRUCTIONS OF THE UNITED STATES GEOLOGICAL SURVEY (PROVISIONAL), CHAPTER 2F6.
NR-B9-00-000-01614	ORTHOPHOTOMAPS--PORTRAITS OF THE LAND. THOMAS B. HOPKINS, U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIVISION, WASHINGTON, D.C. PRESENTED AT THE CONFERENCE ON SURVEYING AND MAPPING, AUBURN, ALABAMA, NOV. 1969, 14P.
NR-B9-00-000-01650	APPLICATIONS OF COLOR AERIAL PHOTOGRAPHS IN TOPOGRAPHIC MAPPING. JAMES HALLIDAY, U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIVISION, WASHINGTON, D.C. PRESENTED AT - AMERICAN SOCIETY OF PHOTOGRAMMETRY - SOCIETY OF PHOTOGRAPHIC SCIENTISTS AND ENGINEERS, JOINT SEMINAR, NEW YORK CITY, JUNE 1969, 19P.
NR-B9-00-000-01654	THE ANALYTICAL REDUCTION OF PANORAMIC AND STRIP PHOTOGRAPHY. JAMES B. CASE, RAYTHEON COMPANY, ALEXANDRIA, VA. IN PHOTOGRAMMETRIA, VOL. 22, NO. 4, MAY 1967. PP.127-141.
NR-B9-00-000-01665	FORTRAN IV PROGRAMMING FOR CARTOGRAPHY AND TYPOGRAPHY. REPORT NO. NPL TECHNICAL REPT. -2339. A.V. HERSHEY, SCIENCE AND MATHEMATICS RESEARCH GROUP, U.S. NAVAL WEAPONS LAB., DAHLGREN, VA. SEPT. 1969, 104P. MICROFICHE COPY. AD-703 220
NR-B9-00-000-01666	THREE CONTOURING ALGORITHMS. REPORT NO. NPL-DNAM-81. B.R. HEAP, AND MONICA G. PINK, CENTRAL COMPUTER UNIT, NATIONAL PHYSICAL LAB., DIVISION OF NUMERICAL AND APPLIED MATHEMATICS, TEDDINGTON, ENGLAND. DEC. 1969, 25P. MICROFICHE COPY. N70-26377
NR-B9-00-000-01675	OZOR OPTIMALNYKH SROKOV AEROFOTOGRAFIROVANIIA OSNOVNYKH TIPOV LANDSHAFTOV. (REVIEW OF OPTIMAL PERIODS FOR AERIAL MAPPING OF BASIC LANDSCAPE TYPES). B.V. VINOGRADOV, LENINGRADSKII GOSUDARSTVENNYI UNIVERSITET, LENINGRAD, SSSR. IN GEODEZIJA I AEROFOTOSEMKA, NO. 4, 1969. PP.75-79. IN RUSSIAN. MICROFICHE COPY. A70-45196
NR-B9-00-000-01683	ADVANCED METHODS FOR THE CALIBRATION OF METRIC CAMERAS. FINAL REPORT, PART I. DUANE C. BROWN, DBA SYSTEMS INC., MELBOURNE, FLORIDA. DECEMBER 1968, 125P. CONTRACT NO. DA-44-009-AMC-1457(X). MICROFICHE COPY. AD-706870 N70-76463
NR-B9-00-000-01718	INTRODUCTION TO PHOTOGRAMMETRY. PAUL E. NORMAN, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. IAGS (INTER-AMERICAN GEODETIC SURVEY) ADVANCED PHOTOGRAMMETRY PROGRAM. LECTURE NOTES FOR CARTOGRAPHY 331, JAN. 1967, 46P.
NR-B9-00-000-01719	AEROTRIANGULATION WITH THE KERN PG2. FREDERIK GOLDSWAARD, KERN AND CO. LTD., AARAU, SWITZERLAND. N.D., 6P.

TECHNICAL REPORTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B9-EJ-029-01745	AN/USQ-28 MAPPING AND GEODETIC SURVEY SYSTEM. KOLLSMAN INSTRUMENT CORP., SYOSSET, NEW YORK. N.D. (1969) 5-PAGE FOLDER
NR-B9-EJ-029-01746	KOLLSMAN PRESENTS U.S. AIR FORCE AN/USQ-28 AERIAL ELECTRO-PHOTO MAPPING SYSTEM. KOLLSMAN INSTRUMENT CORP., SYOSSET, NEW YORK. DEC. 1967, 32P.
NR-B9-00-000-01749	LAND SURVEYOR'S CONFERENCE, 3RD ANNUAL, LEXINGTON, KENTUCKY, JAN. 1970, PROCEEDINGS. REPORT NO. TR-22-70-CE-1. UNIVERSITY OF KENTUCKY, COLLEGE OF ENGINEERING, LEXINGTON, KY. JAN. 1970, 55P. MICROFICHE COPY. PB-191326 N71-15418
NR-B9-FH-998-01777	PHOTOMETRY FOR INTERPRETATION. ROBERT G. MUSGROVE, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 35, NO. 10, OCT. 1969. PP. 1015-1023.
NR-B9-00-000-01786	QUELQUES CONSIDERATIONS SUR LES ASPECTS ECONOMIQUES DE LA CARTOGRAPHIE URBAINE. J.J.O. PALGEN, COMITE CARTOGRAPHIE URBAINE, DEPT. PHOTOGRAMMETRIE, UNIV. OF LAVAL, QUEBEC, QUEBEC, CANADA. 1967, 36P.
NR-B9-EJ-029-01839	METRIC TESTS OF ASP-PHOENIX COLOR AERIAL PHOTOGRAPHY. REPORT NO. USA TOPOCOM-TR-NO. 1-5. GARY W. SCHALLOCK, U.S. ARMY TOPOGRAPHIC COMMAND, ARMY TOPOGRAPHIC STATION, WASHINGTON, D.C. MARCH 1971, 66P.
NR-B9-00-000-01864	PHOTOMAPS AT 1-50,000 FOR THE EXTENSION OF THE TOPOGRAPHIC SERIES TO NORTHERN CANADA. E.A. FLEMINGS, TOPOGRAPHICAL SURVEY DIRECTORATE, DEPT. OF ENERGY, MINES AND RESOURCES, OTTAWA, ONTARIO, CANADA. JAN. 1971, 15P.
NR-B9-00-000-01900	ANALYTICAL AERIAL TRIANGULATION THROUGH SIMULTANEOUS RELATIVE ORIENTATION OF MULTIPLE CAMERAS. ATEF AHMED ELASSAL, (PH.D. THESIS) DEPT. OF CIVIL ENGINEERING, UNIV. OF ILL. URBANA, ILL. OCT. 1965 (SUBMITTED 1963), 138P. CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES NO. 2. CONTRACT NO. GRANT NSF-G-19749 MICROFICHE COPY. PB-176458
NR-B9-00-000-01918	FOTOPRIVIAZKA AEROGEOFIZICHESKIKH MARSHRUTOV I ANOMALII. (AERIAL-PHOTO PLOTTING OF AEROGEOPHYSICAL ROUTES AND ANOMALIES). 2ND REVISED AND ENLARGED EDITION. I.D. BOSHNIKOVICH, AND I.U. S. GLEBOVSKII, PUBLISHED BY IZDATELSTVO NEDRA, LENINGRAD, 1969. 209P. IN RUSSIAN. MICROFICHE COPY A70-37408
NR-B9-00-000-01933	PLANNING AERIAL PHOTOGRAPHY. U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIV., WASHINGTON, D.C. MARCH 1962, 101P. TOPOGRAPHIC INSTRUCTIONS OF THE UNITED STATES GEOLOGICAL SURVEY (PROVISIONAL), CHAPTER 3B3.
NR-B9-00-000-01939	A STATISTICAL INVESTIGATION OF THE PROPAGATION OF RANDOM ERRORS IN ANALOG AEROTRIANGULATION. GORDON GRACIE, (PH.D. THESIS). DEPT. OF CIVIL ENGINEERING, UNIV. OF ILLINOIS, URBANA, ILL. OCT. 1965, 169P. CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES NO. 3. CONTRACT NO. NSF-G-19749. MICROFICHE COPY. PB-176459.
NR-B9-00-000-01940	SPOSOB POLEYOGO KONTROLIA PLANOI PRIVIAZKI AEROSNIMKOV. (FIELD CONTROL TECHNIQUE FOR A PLANAR TYING-IN OF AERIAL PHOTOGRAPHS). B.G. BORDANOV, IN- GEODEZIYA I KARTOGRAFIYA, VOL. 15, NO. 7, 1970, P. 48-50. IN RUSSIAN. MICROFICHE COPY. A70-45499.

TECHNICAL REPORTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B9-00-000-01943	VLIIANIE KRIVIZNY ZEMLI NA POLOZHENIE TOCHEK AEROSNIMKA. (EFFECT OF THE CURVATURE OF THE EARTH ON THE POSITION OF POINTS ON AN AERIAL PHOTOGRAPH). I.F. KUSHYIN, ROSTOVSKII INZHENERNO-STROITELNYI INSTITUT, ROSTOV, USSR. IN-GEODEZIIA I AEROFOTOSEMKA, NO. 4, 1969, P. 91-97. IN RUSSIAN. MICROFICHE COPY. A70-45197
NR-B9-00-000-01949	OTSENKA OPTICHESKIKH SVOISTV MESTNOSTI S TSELIU SOSTAVLENIIA KARTY OPTIMALNYKH SROKOV AEROFOTOSEMKI. (ESTIMATION OF THE OPTICAL PROPERTIES OF A TERRAIN FOR CHARTING THE OPTIMAL TIMES OF AERIAL MAPPING). L.A. BOGOMOLOV, MOSKOVSKII INSTITUT INZHENEROV GEODEZII, AEROFOTOSEMKI I KARTOGRAFII, MOSCOW, USSR. IN- GEODEZIIA I AEROFOTOSEMKA, NO. 4, 1969, P. 121-124. IN RUSSIAN. MICROFICHE COPY. A70-45199
NR-B9-00-000-01950	MAP AND AERIAL PHOTOGRAPHY READING. 5TH EDITION. CALIF. MILITARY SERVICE PUBL. CO., HARRISBURG, PENN. 1957, 182P. \$4.50.
NR-B9-00-000-02051	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-51, APPLICATIONS OF REMOTE SENSOR DATA TO CARTOGRAPHIC PROGRAMS. W. SIBERT, U.S.G.S., TOPOGRAPHIC DIVISION, MCLEAN, VIRGINIA. AUGUST 1966, CONTRACT NO. R-09-020-024. X66-22138 N70-38891 NASA-CR-7741. MICROFICHE AND HARD COPY. 15P.
NR-B9-00-000-02054	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-54, POTENTIAL TIME-COST BENEFITS FROM USE OF ORBITAL-HEIGHT PHOTOGRAPHIC DATA IN CARTOGRAPHIC PROGRAMS. LOWELL E. STARR, U.S.G.S., TOPOGRAPHIC DIVISION, WASHINGTON, D.C., AND WINSTON SIBERT, U.S.G.S., TOPOGRAPHIC DIVISION, MCLEAN, VIRGINIA. AUGUST 1966. CONTRACT NUMBER R-09-020-024. X66-21279. N70-41075 NASA-CR-77069 MICROFICHE AND HARD COPY. 23P.
NR-B9-00-000-02073	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-73. ULTRA-HIGH-PHOTOGRAPHY COMPILATION EVALUATION. ROBERT NUGENT, U.S.G.S., WASHINGTON, D.C. CONTRACT NO. R-09-020-024. X67-18824 N70-38927 NASA-CR-85483 10P.
NR-B9-00-000-02079	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-79 RESOLUTION STUDY. ROBERT H. NUGENT AND HUGH B. LOVING, U.S.G.S., TOPOGRAPHIC DIVISION, WASHINGTON, D.C. MARCH 1967. CONTRACT NUMBER R-09-020-024. X67-17295 N70-38888 NASA-CR-84634 MICROFICHE AND HARD COPY. 11P.
NR-B9-GF-000-02087	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-87. A PHOTO-MOSAIC OF WESTERN PERU FROM GEMINI PHOTOGRAPHY. JULES A. MACKALLOR, U.S.G.S., WASHINGTON, D.C. OCTOBER 1967. CONTRACT NO. R-09-020-013. X67-23758 N70-41124 NASA-TM-X-60596 MICROFICHE AND HARD COPY. 18P.
NR-B9-EJ-000-02111	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-111. PRELIMINARY SOIL CLASSIFICATION MAP OF SOUTHWESTERN U.S. AND MEXICO FROM SPACE PHOTOGRAPHY. ROGER B. MORRISON, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. CONTRACT NUMBER R-146-09-020-006. N69-28395
NR-B9-EJ-000-02114	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-114. A GEMINI MOSAIC ALONG THE THIRTY-SECOND DEGREE OF LATITUDE FROM BAJA CALIFORNIA TO CENTRAL TEXAS. JULES A. MACKALLOR, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. JUNE 1968. CONTRACT NUMBER R-09-020-013. N68-28636

TECHNICAL REPORTS - CARTOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-B9-DJ-007-02124	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-124. PRELIMINARY EVALUATION OF INFRARED AND RADAR IMAGERY, WASHINGTON AND OREGON COASTS. PARKE D. SNAVELY, JR., AND NORMAN S. MACLEOD, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. SEPTEMBER 1968. CONTRACT NUMBER W-12589. N69-25024
NR-B9-EJ-998-02125	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-125. POTENTIAL OF RADAR REMOTE SENSORS AS TOOLS IN RECONNAISSANCE GEOMORPHIC, VEGETATION AND SOIL MAPPING. DAVID S. SIMONETT, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. JULY 1968. CONTRACT NUMBER 14-08-0001-10848. N69-28154 CRES TR 117-2.
NR-B9-00-000-02140	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-140. THE UTILITY OF RADAR AND OTHER REMOTE SENSORS IN THEMATIC LAND USE MAPPING FROM SPACECRAFT: ANNUAL REPORT. DAVID S. SIMONETT, UNIVERSITY OF KANSAS, DEPARTMENT OF GEOGRAPHY, LAWRENCE, KANSAS. JANUARY 1969. CONTRACT NO. R-09-020-024. N69-16255
NR-B9-00-000-02162	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-162. THE PHOTOGRAMMETRIC APPROACH TO THE GRIDDING OF SPACE PHOTOGRAPHS. GLENN N. SMITH, OHIO STATE UNIVERSITY, DEPT. OF GEODETIC SCIENCE, COLUMBUS, OHIO. CONTRACT NUMBER R-09-020-024.
NR-B9-WE-000-02172	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-172. ENVIRONMENT MAPPING WITH SPACECRAFT PHOTOGRAPHY - A CENTRAL AUSTRALIAN EXAMPLE. DAVID S. SIMONETT, G. ROSS COCHRANE, STANLEY A. MORAIN, AND DWIGHT E. EGBERT, UNIVERSITY OF KANSAS, DEPT. OF GEOGRAPHY, LAWRENCE, KANSAS. JUNE 1969. CONTRACT NUMBER W-12570.

# **FORESTRY**

# FORESTRY

## SECTION C1 - SITE MAPS

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-C1-DJ-020-00037	SITE 020-BUCKS LAKE, CALIF.	DETAIL	17 X 22
NR-C1-DJ-020-00113	SITE 020-BUCKS LAKE, CALIFORNIA	REGIONAL	17 X 22
NR-C1-DJ-048-00098	SITE 048-SAN PABLO RESERVOIR, CALIF.	REGIONAL	17 X 22
NR-C1-DJ-048-00170	SITE 048-SAN PABLO RESERVOIR, CALIF.	REGIONAL	17 X 22
NR-C1-DJ-135-00040	SITE 135-HARVEY VALLEY, CALIF.	DETAIL	17 X 22
NR-C1-DJ-135-00111	SITE 135-HARVEY VALLEY, CALIFORNIA	REGIONAL	17 X 22
NR-C1-DK-156-00100	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-C1-DK-156-00101	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-C1-DK-156-00102	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-C1-DK-156-00112	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-C1-DK-156-00186	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-C1-DK-156-00187	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-C1-DK-156-00188	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22
NR-C1-DK-156-00189	SITE 156-WIND RIVER, WASHINGTON	REGIONAL	17 X 22

## SECTION C2 - SITE DESCRIPTIONS

ACCESSION NUMBER	DESCRIPTION
NR-C3-DJ-020-00276	SITE 020-BUCKS LAKE, CALIFORNIA (3)
NR-C3-DJ-020-00277	SITE 020-BUCKS LAKE, CALIFORNIA (4)
NR-C3-EJ-029-00357	SITE 029-PHOENIX, ARIZONA (4) SITE 030-TUCSON, ARIZONA (2) SITE 210-IMPERIAL VALLEY, CALIFORNIA (2)
NR-C3-EJ-030-00357	SITE 029-PHOENIX, ARIZONA (4) SITE 030-TUCSON, ARIZONA (2) SITE 210-IMPERIAL VALLEY, CALIFORNIA (2)
NR-C3-EJ-031-00359	SITE 220-FORT HUACHUCA, ARIZONA (1) SITE 031-WILCOX DRY LAKE, ARIZONA (1)

AIRCRAFT MISSION REQUESTS - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C3-DJ-048-00284	SITE 048-SAN PABLO RESERVOIR, CALIFORNIA (3)
NR-C3-DJ-135-00289	SITE 135-HARVEY VALLEY, CALIFORNIA (4)
NR-C3-FJ-149-00291	SITE 149-BLACK HILLS, SOUTH DAKOTA (5)
NR-C3-DK-156-00293	SITE 156-WIND RIVER, WASHINGTON (4)
NR-C3-DJ-189-00301	SITE 189-KLAMATH FALLS, OREGON (1)
NR-C3-GJ-190-00302	SITE 190-ANN ARBOR, MICHIGAN (1)
NR-C3-DJ-193-00304	SITE 193-EL DORADO FOREST, CALIFORNIA (1)
NR-C3-EJ-210-00357	SITE 029-PHOENIX, ARIZONA (4) SITE 030-TUCSON, ARIZONA (2) SITE 210-IMPERIAL VALLEY, CALIFORNIA (2)
NR-C3-GJ-217-00354	SITE 217-ATLANTA, GEORGIA (1)
NR-C3-EJ-220-00359	SITE 220-FORT HUACHUCA, ARIZONA (1) SITE 031-WILCOX DRY LAKE, ARIZONA (1)
NR-C3-EJ-220-00360	SITE 220-FORT HUACHUCA, ARIZONA (2)

## SECTION C4 - MISSION SCREENING AND SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-C4-GJ-190-BM024	MISSION NO. 24M, SITE 190
NR-C4-GJ-190-BM026	MISSION NO. 26M, SITE 190
NR-C4-FJ-200-B0109	MISSION NO. 109 SITE 200
NR-C4-GJ-998-C0141	MISSION 141 - METEOROLOGICAL DATA FOR EARTH RESOURCES AIR-CRAFT PROGRAM. SITE 217, ATLANTA, GEORGIA - SITE 220, FORT HUACHUCA, ARIZONA. COMPILED BY THE ESSA WEATHER BUREAU, ATLANTA, GEORGIA. SEPTEMBER 1970. (IN THREE PARTS)
NR-C4-GJ-174-C0181	MISSION 181 - WEATHER DATA, JUNE 8-10, 1971.



# SECTION C6 - DIVISION BIBLIOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-C6-00-000-00039	TESTING THE CONCEPT AND PRACTICAL APPLICATION OF MULTIHAND RECONNAISSANCE. SEMI-ANNUAL STATUS REPORT, OCTOBER 1, 1966, TO MARCH 31, 1967. UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA, SCHOOL OF FORESTRY, ROBERT N. COLWELL, MARCH 31, 1967. CONTRACT NO. MGR-05-003-080.
NR-C6-DK-156-00047	ANNUAL PROGRESS REPORT 1967. THE DEVELOPMENT OF SPECTRO-SIGNATURE INDICATORS OF ROOT DISEASE ON LARGE FOREST AREAS. JOHN F. WEAR, U.S. DEPARTMENT OF AGRICULTURE, FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. SEPTEMBER 30, 1967. CONTRACT NO. R-09-038-002. STAR N68-17378.
NR-C6-DJ-998-00048	ANNUAL PROGRESS REPORT 1967. THE INTERPRETABILITY OF HIGH ALTITUDE MULTISPECTRAL IMAGERY FOR THE EVALUATION OF WILD LAND RESOURCES. WILLIAM C. DRAEGER, UNIVERSITY OF CALIFORNIA FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA BERKELEY, CALIFORNIA. SEPTEMBER 30, 1967. CONTRACT NO. R-09-038-002. STAR N68-17406.
NR-C6-DJ-998-00049	ANNUAL PROGRESS REPORT 1967. THE EVALUATION OF RANGELAND RESOURCES BY MEANS OF MULTISPECTRAL IMAGERY. DAVID M. CARNEGIE, C.E. POULTON, AND E.H. ROBERTS, UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. SEPTEMBER 30, 1967. R-09-038-003. STAR N68-17691.
NR-C6-00-000-00064	REMOTE SENSING IMPLICATIONS OF CHANGES IN PHYSIOLOGIC STRUCTURE AND FUNCTION OF TREE SEEDLINGS UNDER MOISTURE STRESS. ANNUAL PROGRESS REPORT TO SEPTEMBER 30, 1967. FREDERICK P. WEBER, U.S. FOREST SERVICE, AND CHARLES E. OLSON, JR., UNIVERSITY OF MICHIGAN. FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002. STAR N68-17247.
NR-C6-DJ-998-00072	THE FEASIBILITY OF IDENTIFYING FOREST SPECIES AND DELINEATING MAJOR TIMBER TYPES IN CALIFORNIA BY MEANS OF HIGH ALTITUDE SMALL SCALE AERIAL PHOTOGRAPHY. DONALD T. LAUER, SCHOOL OF FORESTRY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. ANNUAL PROGRESS REPORT, SEPTEMBER 30, 1966. CONTRACT NUMBER R-09-038-002. STAR N66-39386.
NR-C6-00-000-00080	THE DEVELOPMENT OF AN EARTH RESOURCES INFORMATION SYSTEM USING AERIAL PHOTOGRAPHS AND DIGITAL COMPUTERS. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. PHILIP G. LANGLEY AND DAVID A. SHARPBACK, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002.
NR-C6-DK-156-00081	THE DEVELOPMENT OF SPECTRO-SIGNATURE INDICATORS OF ROOT DISEASE IMPACTS ON FOREST STANDS. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. JOHN F. WEAR, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002.
NR-C6-EJ-000-00082	THE IDENTIFICATION AND QUANTIFICATION OF PLANT SPECIES, COMMUNITIES, AND OTHER RESOURCE FEATURES IN HERBLAND AND SHRUBLAND ENVIRONMENTS FROM LARGE SCALE AERIAL PHOTOGRAPHY. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. RICHARD S. DRISCOLL AND JACK N. REPPERT, ROCKY MOUNTAIN FOREST AND RANGE EXPERIMENT STATION, FORT COLLINS, COLORADO. CONTRACT NUMBER R-09-038-002.

DIVISION BIBLIOGRAPHY - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C6-DJ-020-00083	THE INTERPRETABILITY OF HIGH ALTITUDE MULTISPECTRAL IMAGERY FOR THE EVALUATION OF WILDLAND RESOURCES. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. WILLIAM C. DRAEGER, SCHOOL OF FORESTRY AND CONSERVATION, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. CONTRACT NO. R-09-038-002. STAR N69-12159.
NR-C6-FJ-149-00084	THE USE OF MULTISPECTRAL SENSING TECHNIQUES TO DETECT PONDEROSA PINE TREES UNDER STRESS FROM INSECT OR PATHOGENIC ORGANISMS. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. R.C. HELLER, R.C. ALDRICH, ET AL, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002. STAR N68-17408
NR-C6-EJ-998-00087	THE FEASIBILITY OF INVENTORYING NATIVE VEGETATION AND RELATED RESOURCES FROM SPACE PHOTOGRAPHY. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. CHARLES E. POULTON, BARRY J. SCHRUMPF, AND EDMUNDO GARCIA-MOYA. DEPARTMENT OF RANGE MANAGEMENT, AGRICULTURAL EXPERIMENT STATION, OREGON STATE UNIVERSITY, CORVALLIS, OREGON. CONTRACT NO. R-09-038-002. STAR N69-16390.
NR-C6-DJ-998-00088	FOREST SPECIES IDENTIFICATION AND TIMBER TYPE DELINEATION ON MULTISPECTRAL PHOTOGRAPHY. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. DONALD T. LAUER, SCHOOL OF FORESTRY AND CONSERVATION, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIF. CONTRACT NUMBER NONE. STAR N69-16113.
NR-C6-00-000-00089	REMOTE SENSING OF CHANGES IN MORPHOLOGY AND PHYSIOLOGY OF TREES UNDER STRESS. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIF. CHARLES E. OLSON, JR. AND JENNIFER M. WARD, SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. CONTRACT NUMBER R-09-038-002. STAR N69-15856.
NR-C6-DJ-020-00090	THE FEASIBILITY OF IDENTIFYING WILDLAND RESOURCES THROUGH THE ANALYSIS OF DIGITALLY RECORDED REMOTE SENSING DATA. ANNUAL PROGRESS REPORT, 30 DECEMBER 1968. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. JERRY D. LENT, SCHOOL OF FORESTRY AND CONSERVATION, UNIVERSITY OF CALIF., BERKELEY, CALIF. CONTRACT NUMBER NONE. STAR N69-16461.
NR-C6-DJ-998-00143	THE FEASIBILITY OF IDENTIFYING FOREST SPECIES AND DELINEATING MAJOR TYPES BY MEANS OF HIGH ALTITUDE MULTISPECTRAL IMAGERY. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1967. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. DONALD T. LAUER, UNIVERSITY OF CALIFORNIA, SCHOOL OF FORESTRY, BERKELEY, CALIFORNIA. CONTRACT NO. R-09-038-002. STAR N68-17494.
NR-C6-EJ-998-00149	QUARTERLY PROGRESS REPORT, JANUARY 1, 1969 TO MARCH 31, 1969. FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002.
NR-C6-GJ-190-00171	MULTI-SPECTRAL IMAGERY FOR SPECIES IDENTIFICATION. F.P. WEBER, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1966, FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002. STAR N66-39405.



- | ACCESSION NUMBER   | DESCRIPTION   |
|--------------------|---|
| NR-C6-FJ-149-00188 | THE USE OF MULTISPECTRAL SENSING TECHNIQUES TO DETECT PONDEROSA PINE TREES UNDER STRESS FROM INSECT OR PATHOGENIC ORGANISMS. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1967. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. R. C. HELLER, R. C. ALDRICH, ET. AL. PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002. STAR N68-17408.   |
| NR-C6-FJ-149-00265 | THE USE OF MULTISPECTRAL SENSING TECHNIQUES TO DETECT PONDEROSA PINE TREES UNDER STRESS FROM INSECT OR PATHOGENIC ORGANISMS. ANNUAL PROGRESS REPORT, 30 SEPTEMBER 1966. FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. ROBERT C. HELLER, ET AL., PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002. STAR N66-39304.  |
| NR-C6-DJ-193-00314 | THE DEVELOPMENT OF AN EARTH RESOURCES INFORMATION SYSTEM USING AERIAL PHOTOGRAPHS AND DIGITAL COMPUTERS. ANNUAL PROGRESS REPORT. PHILIP G. LANGLEY, DAVID A. SHARPBACK, ROBERT M. RUSSELL AND JAN VAN ROESSEL, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, FOREST SERVICE, U.S. DEPT. OF AGRICULTURE. UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB., BERKELEY, CALIFORNIA. SEPT. 30, 1969. CONTRACT NO. R-09-038-002. NASA-CR-114121. |
| NR-C6-FJ-149-00315 | THE USE OF MULTISPECTRAL SENSING TECHNIQUES TO DETECT PONDEROSA PINE TREES UNDER STRESS FROM INSECT OR DISEASES. ANNUAL PROGRESS REPORT. R. C. HELLER, R. C. ALDRICH, W. P. MCCAMBRIDGE AND F. P. WEBER, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, FOREST SERVICE, U.S. DEPT. OF AGRICULTURE. UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB., BERKELEY, CALIFORNIA. SEPTEMBER 30, 1969. CONTRACT NUMBER R-09-038-002.                |
| NR-C6-EJ-998-00316 | INVENTORY OF NATIVE VEGETATION AND RELATED RESOURCES FROM SPACE PHOTOGRAPHY. ANNUAL PROGRESS REPORT. CHARLES E. POULTON, EDMUNDO GARCIA-MOYA, JAMES R. JOHNSON AND BARRY J. SCHRUMPF, DEPT. OF RANGE MANAGEMENT, AGRICULTURAL EXPERIMENT STATION, OREGON STATE UNIVERSITY. UNIVERSITY OF CALIFORNIA, REMOTE SENSING LAB., BERKELEY, CALIFORNIA. SEPT. 30, 1969. CONTRACT NO. R-03-038-002.  |
| NR-C6-DJ-998-00317 | ANALYSIS OF REMOTE SENSING DATA FOR EVALUATING FOREST AND RANGE RESOURCES. ANNUAL PROGRESS REPORT. ROBERT N. COLWELL AND GENE A. THORLEY, SCHOOL OF FORESTRY AND CONSERVATION, FORESTRY REMOTE SENSING LAB., UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. SEPTEMBER 30, 1969. CONTRACT NO. R-03-038-002.   |
| NR-C6-EJ-000-00318 | THE IDENTIFICATION AND QUANTIFICATION OF HERBLAND AND SHRUBLAND VEGETATION RESOURCES FROM AERIAL AND SPACE PHOTOGRAPHY. ANNUAL PROGRESS REPORT. RICHARD S. DRISCOLL, ROCKY MT. FOREST AND RANGE EXPERIMENT STATION FOREST SERVICE, U.S. DEPT. OF AGRICULTURE. UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB., SCHOOL OF FORESTRY AND CONSERVATION, BERKELEY, CALIFORNIA. SEPTEMBER 30, 1969. CONTRACT NUMBER R-09-038-002.                        |
| NR-C6-DK-156-00319 | THE DEVELOPMENT OF SPECTRO-SIGNATURE INDICATORS OF ROOT DISEASE IMPACTS ON FOREST STANDS. ANNUAL PROGRESS REPORT. JOHN F. WEAR AND F. P. WEBER, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, FOREST SERVICE, U.S. DEPT. OF AGRICULTURE. UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB., SCHOOL OF FORESTRY AND CONSERVATION, BERKELEY, CALIFORNIA. SEPTEMBER 30, 1969. CONTRACT NO. R-09-038-002.                                       |

# SECTION C8

## SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-C8-00-000-00174	FORESTER'S GUIDE TO AERIAL PHOTO INTERPRETATION. USDA/ AGRICULTURAL HANDBOOK 308. T. EUGENE AVERY, FOREST SERVICE, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. OCT. 1966.
NR-C8-00-000-00175	IDENTIFICATION OF TREE SPECIES ON LARGE-SCALE PANCHROMATIC AND COLOR AERIAL PHOTOGRAPHS. R.C. HELLER, G.E. DOVERSPIKE, AND R.C. ALDRICH, FOREST INSECT LAB., U.S. DEPT. OF AGRICULTURE, BELTSVILLE, MD. PUBLISHED IN AGRICULTURE HANDBOOK NO. 261, JULY 1964.
NR-C8-00-000-00434	PRELIMINARY AERIAL INFRARED FIRE MAPPING SYSTEMS ANALYSIS. FINAL REPORT, FEB. 66-JULY 67. RICHARD D. SHEEDER AND GRETCHEN L. DUGUAY, HRB-SINGER, INC., STATE COLLEGE, PA. APRIL 1967. REPORT NO. NRB-S 97711-F. CONTRACT NO. N00228-66-C-0394. STAR N67-36901. AD-655 685. MICROFICHE COPY.
NR-C8-00-000-00585	OPERATIONS GUIDE, INFRARED FIRE MAPPING UNIT. U.S. DEPT. OF AGRICULTURE, FOREST SERVICE, WASHINGTON, D.C. MAY 1968.
NR-C8-00-000-00893	DEFECT INDICATORS IN SUGAR-MAPLE - A PHOTOGRAPHIC GUIDE. FOREST SERVICE RESEARCH PAPER NC-37, 34P. RICHARD M. MARDEN AND CHARLES L. STAYTON, NORTH CENTRAL FOREST EXPERIMENT STATION, ST. PAUL, MINNESOTA. PB-191 905
NR-C8-DJ-998-01172	AN ANALYSIS OF STATE-OWNED RANGELAND RESOURCES FOR MULTIPLE-USE MANAGEMENT IN SOUTHEASTERN OREGON. CHARLES E. POULTON, AND ARLEIGH G. ISLEY, RANGE MANAGEMENT PROGRAM, AGR. EXPERIMENT STATION, OREGON STATE UNIVERSITY, CORVALLIS, ORE. AUG. 1970, 128P.
NR-C8-DJ-998-01261	RANGE AND WILDLIFE HABITAT EVALUATION - A RESEARCH SYMPOSIUM. FOURTH CONFERENCE, FLAGSTAFF AND TEMPE, ARIZONA, MAY 1968. REPORT NO. USDA MISCELLANEOUS PUBL. 1147. HAROLD A. PAULSEN, JR., AND ELBERT H. REID, U.S. DEPT. OF AGRICULTURE, FOREST SERVICE, WASHINGTON, D.C. MAY 1970, 220P. U.S. DEPT. OF AGRICULTURE MISCELLANEOUS PUBLICATION NO. 1147. W71-00209
NR-C8-00-000-01520	AERIAL PHOTOGRAPHIC INTERPRETATION OF FOREST DAMAGE - AN ANNOTATED BIBLIOGRAPHY. REPORT NO. IR-FMR-X-16. PETER A. MURTHA, FOREST MANAGEMENT INSTITUTE, OTTAWA. CANADA DEPT. OF FISHES AND FORESTRY, FORESTRY BRANCH, OTTAWA, ONTARIO, CANADA. MARCH 1969, 80P.

# SECTION C9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-C9-DJ-000-00004	APPRAISING AND MAPPING FUELS WITH AERIAL PHOTOGRAPHS. H. GYDE LUND, PACIFIC NORTHWEST FOREST AND RANGE EXPERIMENT STATION, SEATTLE, WASHINGTON. PAPER PRESENTED AT ASP-ACSM, 1969 FALL CONVENTION, PORTLAND, OREGON, SEPT. 1969. PP.173-180.
NR-C9-DJ-159-00039	FIELD STUDIES ON VEGETATION AT HORSEFLY MOUNTAIN, OREGON AND ITS RELATION TO RADAR IMAGERY, CRES REPORT NO. 61-22. STANLEY A. MORAIN, REMOTE SENSING LABORATORY CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. CONTRACT NOS. NSG-298 AND NSR-17-004-003. STAR N67-36024.
NR-C9-NJ-000-00051	POSSIBILITIES OF EMPLOYING ARTIFICIAL SATELLITES IN ITALY FOR FOREST FIRE DETECTION AND WARNING. RAFFAELLO BRUNO, DEPT. OF AGRICULTURE AND FORESTRY, ROME, ITALY, AND UMBERTO GIEZZI, C.N.R., POLITECNICO DE MILANO, MILAN, ITALY. 1969. STAR N70-10952. MICROFICHE COPY.
NR-C9-00-000-00107	APPLICATIONS OF EARTH ORBITAL REMOTE SENSING TO FOREST AND RANGE PROBLEMS. AAS PAPER 69-059. ROBERT N. COLWELL, UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB., BERKELEY, CALIFORNIA. JUNE 1969. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY AND OPERATIONS RESEARCH SOCIETY OF AMERICA, JOINT NATIONAL MEETING, DENVER, COLORADO, JUNE 1969.
NR-C9-00-000-00193	DIRECT DETERMINATION OF AREA DISTRIBUTION BASED UPON TOPOGRAPHIC FEATURES BY MEANS OF THE WILD B9 AVIOGRAPH. Z. TOMASEGOVIC, INSTITUTE FOR SURVEYING, FORESTRY, FACULTY, ZAGREB, YUGOSLAVIA. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 23, NO. 4, JULY 1968. PP.123-137.
NR-C9-00-000-00194	VOLUME ASSESSMENT THROUGH AERIAL PHOTOGRAPHS IN A FOREST AREA IN BELGIUM. D.A. STELLINGWERF, INTERNATIONAL INST. FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, THE NETHERLANDS. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 22, NO. 5, JULY 1967. PP.161-169.
NR-C9-00-000-00209	PHOTO-INTERPRETATION IN FOREST TYPE MAPPING AND INVENTORY. P.N. GUPTA, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. AUGUST 1969. PUBLICATIONS SERIES B, NO. 55. MICROFICHE COPY. STAR N70-12911.
NR-C9-EJ-000-00260	COLOR NEGATIVES ON THE COCONINO NATIONAL FOREST. CHARLES D. GALBREATH, U.S. FOREST SERVICE, SOUTHWESTERN REGION, ALBUQUERQUE, NEW MEXICO. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.
NR-C9-PL-000-00263	THE USE OF AERIAL PHOTOGRAPHS IN THE ESTIMATION OF SOME FOREST CHARACTERISTICS. AARNE NYSSONEN, SIMO POSO, AND CHRISTIAN KEIL, UNIVERSITY OF HELSINKI, FINSKA FORESTSAMFUNDET, FINLAND. REPRINT FROM ACTA FORESTALIA FENNICA, VOL. 82, NO. 4, 1968.

TECHNICAL REPORTS - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C9-GJ-000-00268	COLOR PHOTOGRAPHY FOR APPRAISAL SURVEYS OF THE SOUTHERN PINE BEETLE IN THE SOUTHEAST. W.M. CIESLA, U.S. FOREST SERVICE, SOUTHEAST AREA, DIVISION OF FOREST PEST CONTROL, PINEVILLE, LOUISIANA. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS, SEPTEMBER 29-OCTOBER 3.
NR-C9-00-000-00361	MATHEMATICAL FUNDAMENTALS OF AERIAL PHOTO-INTERPRETATION OF FORESTS. M.K. BOCHAROV AND G.G. SAMOILOVICH, USSR. TRANSLATION OF MONOGRAPH, MATEMATICHESKIE OSNOVY DESHIFRIROVANIYA AEROSNIMKOV LESA. MOSCOW, 1964, P.1-222. STAR N70-10955. AD-691 916. MICROFICHE COPY
NR-C9-DK-000-00373	INFRARED LOCATES DISEASED TREES. (REPRINTED FROM ELECTRONICS WORLD, AUGUST 1969 PP. 34-35). ROBERT NEUBERT, AMPEX CORP. REDWOOD CITY, CALIFORNIA.
NR-C9-DJ-000-00375	SOME OBSERVATIONS ON THE USE OF MULTIBAND SPECTRAL RECONNAISSANCE FOR THE INVENTORY OF WILDLAND RESOURCES. REPRINTED FROM REMOTE SENSING OF ENVIRONMENT, VOL. 1, NO. 1, MARCH 1969. JERRY D. LENT AND GENE A. THORLEY, UNIVERSITY OF CALIFORNIA, SCHOOL OF FORESTRY AND CONSERVATION, BERKELEY, CALIFORNIA.
NR-C9-00-000-00466	PRESENT AND FUTURE FORESTRY APPLICATIONS OF REMOTE SENSING FROM SPACE. WILLIAM C. DRAEGER AND DONALD T. LAUER, FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIF. BERKELEY, CALIFORNIA. PUBLISHED AS AIAA PAPER NO. 67-765, 4TH ANNUAL MEETING AND TECHNICAL DISPLAY, OCTOBER 23-27, 1967, ANAHEIM, CALIFORNIA
NR-C9-DJ-000-00468	ESTIMATING TREE MORTALITY FROM APOLLO 9 IMAGERY. JOHN F. WEAR, U.S. FOREST SERVICE, PORTLAND, OREGON. SEPTEMBER 1969.
NR-C9-HK-000-00541	A TEST WITH LARGE SCALE AERIAL PHOTOGRAPHS TO SAMPLE BALSAM WOOLLY APHID DAMAGE IN THE NORTHEAST. R.C. HELLER, J.H. LOWE, R.C. ALDRICH, ET AL., PACIFIC SOUTHWEST FORESTRY AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. REPRINTED FROM JOURNAL OF FORESTRY, VOL. 65, NO. 1. JAN. 1967. PP.10-18.
NR-C9-00-000-00561	AN ANALYSIS OF MEASUREMENTS OF LIGHT REFLECTANCE FROM TREE FOLIAGE MADE DURING 1960 AND 1961. CHARLES E. OLSON, ET AL. UNIVERSITY OF ILLINOIS, AGRICULTURAL EXPERIMENT STATION, DEPT. OF FORESTRY, URBANA, ILLINOIS. JUNE 1964. CONTRACT NUMBER NONR-1834(31). MICROFICHE COPY. STAR N65-81674.
NR-C9-00-000-00565	EXPERIMENT IN MARKING CONTROL POINTS IN A FOREST. G.N. TIMUSHEV, U.S. AIR FORCE, AERONAUTICAL CHART AND INFORMATION CENTER, CARTOGRAPHY DIV., ST. LOUIS, MISSOURI. SEPT. 1968. STAR N69-15885. MICROFICHE COPY.
NR-C9-00-000-00599	STRATIFYING PHOTO PLOTS INTO VOLUME CLASSES. U.S. FOREST SERVICE RESEARCH NOTE PSW-151. ROBERT C. ALDRICH, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. 1967.
NR-C9-00-000-00605	WEDGE MEASURES PARALLAX SEPARATIONS... ON LARGE-SCALE 70-MM. AERIAL PHOTOGRAPHS. REPORT NUMBER PSW-142. STEVEN L. WERT AND RICHARD J. MYHRE, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. 1967.
NR-C9-00-000-00608	PRACTICAL APPLICATIONS OF AERIAL PHOTOGRAPHS IN FORESTRY AND OTHER VEGETATION STUDIES. (PUBLISHED IN ENGLISH, FRENCH AND SPANISH) D.A. STELLINGWERF, INTERNATIONAL TRAINING CENTER FOR AERIAL SURVEY, DELET, NETHERLANDS. PUBLISHED IN I.T.C. PUBLICATION SERIES B, NO. 38. 1966. STAR N67-12851.

TECHNICAL REPORTS - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C9-GJ-000-00625	DETECTION AND CLASSIFICATION OF ASH DIEBACK ON LARGE-SCALE COLOR AERIAL PHOTOGRAPHS. U.S. FOREST SERVICE RESEARCH PAPER PSW-35. RALPH J. CROXTON, PACIFIC SOUTHWEST FORESTRY AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. 1966.
NR-C9-00-000-00679	RECOGNITION OF TREE SPECIES ON AIR PHOTOGRAPHS BY CROWN CHARACTERISTICS. L. SAYN-WITTGENSTEIN, DEPT. OF FORESTRY, CANADA. PUBLISHED IN CANADA, DEPT. OF FORESTRY AND RURAL DEVELOPMENT, FORESTRY BRANCH TECHNICAL NOTE NO. 95. 1960.
NR-C9-00-000-00680	TREE MEASUREMENTS ON LARGE-SCALE, VERTICAL, 70MM. AIR PHOTOGRAPHS. FOREST RESEARCH BRANCH CONTRIBUTION NO. 591. F.W. KIPPEN AND L. SAYN-WITTGENSTEIN, DEPT. OF FORESTRY, FOREST RESEARCH BRANCH, OTTAWA, CANADA. 1964.
NR-C9-00-000-00681	PHENOLOGICAL AIDS TO SPECIES IDENTIFICATION ON AIR PHOTOGRAPHS. DEPT. OF FORESTRY, FOREST RESEARCH BRANCH, TECHNICAL NOTE 104. L. SAYN-WITTGENSTEIN, DEPT. OF FORESTRY, FOREST RESEARCH BRANCH, OTTAWA, CANADA. 1961.
NR-C9-00-000-00688	AVIONICS IN FOREST RESOURCE INVENTORIES. L. SAYN-WITTGENSTEIN AND A.H. ALDRED, DEPT. OF FORESTRY AND RURAL DEVELOPMENT, OTTAWA, CANADA. PUBLISHED IN CANADIAN AERONAUTICS AND SPACE JOURNAL, VOL. 14, NO. 8, OCT. 1968. PP.315-317.
NR-C9-GJ-125-00722	STRATIFYING STAND VOLUME ON NON-STEREO AERIAL PHOTOS - REDUCES ERRORS IN FOREST SURVEY ESTIMATES. REPORT NO. PSW-51. ROBERT C. ALDRICH AND NANCY X. NORICK, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIF. 1969. STAR N70-13254.
NR-C9-UL-000-00742	AERIAL PHOTOGRAPHY AND MAPPING OF THE SIBERIAN FOREST. G.P. MOTOVILOV, RUSSIA. TRANSLATION OF MONOGRAPH, AEROFOTOSEMKA I KARTOGRAFYAROVANIE, MOSCOW 1966. MICROFICHE COPY. STAR N70-11720.
NR-C9-00-000-00749	SWAMPY FOREST ZONE TERRAIN. REPORT NO. FSTC-HT-23-736-69. E.A. GALKINA, RUSSIA. TRANSLATION OF GEOPHIZICHESKII SBORNIK (USSR) VOL. 7, 1955. PP.75-84. MICROFICHE COPY. STAR N70-11486.
NR-C9-00-000-00750	USE OF AERIAL PHOTOGRAPHY IN STUDYING FOREST TYPES. REPORT NO. FSTC-HT-23-285-68. G.G. SAMOILOVICH, ACADEMY OF SCIENCES, RUSSIA. 1961. MICROFICHE COPY.
NR-C9-HH-092-00772	AERIAL SENSING AND PHOTOGRAPHIC STUDY OF THE EL VERDE RAIN FOREST, PUERTO RICO. DR. PHILIP L. JOHNSON AND DAVID M. ATWOOD, U.S. ARMY CORPS OF ENGINEERS, COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, NEW HAMPSHIRE. REPORT NO. CRREL RR-250. DEC. 1969. N70-36236 AD-703 123 MICROFICHE AND HARD COPY.
NR-C9-00-000-00775	INFRARED FIREMAPPER DETECTOR AND ITS ROLE IN FOREST FIRE CONTROL. J.E. TAYLOR, COMPUTING DEVICES OF CANADA, VOL. 69, NO. 20, OCTOBER 1968. PP.87-91.
NR-C9-EJ-000-00846	INFRARED PINPOINTS FIRES THROUGH A SEA OF SMOKE. CRAIG C. CHANDLER, U.S. FOREST SERVICE, WASHINGTON, D.C. PUBLISHED IN THE YEARBOOK OF AGRICULTURE 1968. PP.208-217.
NR-C9-00-000-00856	RADIANT ENERGY IN RELATION TO FORESTS. USDA FOREST SERVICE TECHNICAL BULLETIN NO. 1344. WILLIAM E. REIFSNYDER, YALE UNIVERSITY, NEW HAVEN, CONN. AND HOWARD W. LULL, NORTH-EASTERN FOREST EXPERIMENT STATION, UPPER DARBY, PA. U.S. DEPT. OF AGRICULTURE, FOREST SERVICE, WASHINGTON, D.C. DEC. 1965.

TECHNICAL REPORTS - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C9-00-000-00860	INVESTIGATING THE FEASIBILITY OF CENSUSING DEER BY REMOTE SENSING OF THERMAL INFRARED RADIATION. RICHARD M. BARTHOLOMEW, INDIANA DEPT. OF NATURAL RESOURCES, AND ROGER M. HOFFER, LABORATORY FOR REMOTE SENSING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PRESENTED AT THE MIDWEST WILDLIFE CONFERENCE, CHICAGO, ILL., DEC. 1966.
NR-C9-EJ-000-00874	AERIAL PHOTOGRAPHIC TECHNIQUES FOR ESTIMATING DAMAGE BY INSECTS IN WESTERN FORESTS. J.F. WEAR, R.B. POPE, AND ROBERT B. POPE, U.S. FOREST SERVICE, PACIFIC NORTHWEST FOREST AND RANGE EXPERIMENT STATION, PORTLAND, OREGON. 1966.
NR-C9-00-000-00904	TREE SHADOW PATTERNS AND ILLUMINATION MEASUREMENTS WITHIN CLEARCUT STRIPS AND IRREGULAR OPENINGS IN A TRUE FIR FOREST. U.S. FOREST SERVICE RESEARCH NOTE PSW-172. D.T. GORDON, PACIFIC SOUTHWEST FOREST + RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. PUBLISHED IN U.S. FOREST SERVICE RESEARCH NOTE, 1968.
NR-C9-00-000-00905	CONTRACTING FOR FOREST AERIAL PHOTOGRAPHY IN THE UNITED STATES. GENE AVERY, MICHIGAN STATE UNIVERSITY, EAST LANSING, MICHIGAN AND MERLE P. MEYER, UNIVERSITY OF MINNESOTA, ST. PAUL, MINNESOTA. U.S. FOREST SERVICE, LAKE STATES FOREST EXPERIMENT STATION, ST. PAUL, MINNESOTA. PUBLISHED IN U.S. FOREST SERVICE, STATION PAPER NO. 96.
NR-C9-CJ-000-00906	VOLUME TABLES FOR AERIAL TIMBER ESTIMATING IN NORTHERN MINNESOTA. GENE AVERY, SOUTHEASTERN FOREST EXPERIMENT STATION, ASHEVILLE, N.C. AND MERLE P. MEYER, UNIVERSITY OF MINNESOTA, ST. PAUL, MINNESOTA. U.S. FOREST SERVICE, LAKE STATES FOREST EXPERIMENT STATION, ST. PAUL, MINNESOTA. PUBLISHED IN U.S. FOREST SERVICE, STATION PAPER NO. 78, NOV. 1959.
NR-C9-00-000-00907	DETECTION OF DISEASED TREES. MERLE P. MEYER AND DAVID W. FRENCH, UNIVERSITY OF MINNESOTA, ST. PAUL, MINNESOTA. REPRINTED FROM PHOTOGRAMMETRIC ENGINEERING, VOL. 33, SEPT. 1967. PP.1035-1040. PUBLISHED IN SCIENTIFIC JOURNAL SERIES, PAPER NO. 6229.
NR-C9-00-000-00909	A PRELIMINARY STUDY OF AERIAL VOLUME TABLE CONSTRUCTION FOR LODGEPOLE PINE IN WEST-CENTRAL ALBERTA. PATRICK J.B. DUFFY, DEPT. OF FORESTRY, CALGARY, CANADA AND MERLE P. MEYER, UNIVERSITY OF MINNESOTA, ST. PAUL, MINNESOTA. PUBLISHED IN FORESTRY CHRONICLE, VOL. 38, NO. 2, JUNE 1962. PP.212-218.
NR-C9-FJ-000-00911	RELATIONSHIP OF AERIAL PHOTO MEASUREMENTS TO THE STAND DIAMETER CLASSES OF A MINNESOTA HARDWOOD FOREST. MERLE P. MEYER AND VERDELL G. ERICKSON, UNIVERSITY OF MINNESOTA, ST. PAUL, MINNESOTA. REPRINTED FROM PHOTOGRAMMETRIC ENGINEERING, VOL. 30, JAN. 1964. PP.142-144.
NR-C9-CJ-046-00912	AN EVALUATION OF AERIAL COLOR PHOTOGRAPHY FOR DETECTING FOREST DISEASES AND INSECTS. C.E. CORDELL, J.S. ASTIN, JR., AND R.T. FRANKLIN, U.S. DEPT. OF AGRICULTURE, FOREST SERVICE ASHEVILLE, N.C. U.S. DEPT. OF AGRICULTURE REPORT NO. 65-1-9 (1965). MARCH 1965.
NR-C9-FK-000-00916	EFFECTS OF SCALE, PRINTING METHOD AND PRINT SURFACE VARIATIONS UPON AIR PHOTO IMAGE QUALITY. MINNESOTA FORESTRY RESEARCH NOTES NO. 206. J.J. ULLIMAN, G.W. FRITS, ET AL., UNIVERSITY OF MINNESOTA, SCHOOL OF FORESTRY, ST. PAUL, MINN. JULY 1969. PUBLISHED AS SCIENTIFIC JOURNAL SERIES PAPER NO. 6992, OF THE UNIVERSITY OF MINNESOTA, AGRICULTURAL EXPERIMENT STATION.



TECHNICAL REPORTS - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C9-FK-000-00918	CONSTRUCTION OF A LOCAL AERIAL STAND VOLUME TABLE FROM THE PHOTO MEASUREMENTS OF ONE INTERPRETER. MINNESOTA FORESTRY NOTES NO. 173. GARRY W. FRITS AND MERLE P. MEYER, UNIVERSITY OF MINNESOTA, SCHOOL OF FORESTRY, ST. PAUL, MINN. JULY 1966. PUBLISHED AS SCIENTIFIC JOURNAL SERIES PAPER NO. 6034 OF THE MINNESOTA AGRICULTURAL EXPERIMENT STATION.
NR-C9-FK-000-00919	CONSTRUCTION OF LOCAL AERIAL STAND VOLUME TABLES. MINNESOTA FORESTRY NOTES NO. 170. ALAN R. EK AND MERLE P. MEYER, UNIVERSITY OF MINNESOTA, SCHOOL OF FORESTRY, ST. PAUL, MINN. APRIL 1966. PUBLISHED AS SCIENTIFIC JOURNAL SERIES PAPER NO. 5968 OF THE MINNESOTA AGRICULTURAL EXPERIMENT STATION.
NR-C9-DJ-000-00920	WHITE FIR STANDS KILLED BY TUSsock MoTH - 70-MM, COLOR PHOTOGRAPHY AIDS DETECTION. U.S. FOREST SERVICE RESEARCH NOTE PSW-168. STEVEN L. WERT AND BOYD E. WICKMAN, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIFORNIA. 1968.
NR-C9-00-000-00924	USE OF AERIAL METHODS FOR STUDYING ZONAL AND REGIONAL LAND-SCAPE PATTERNS. V.P. MIROSHNICHENKO, USSR. SEPT. 1969. MICROFICHE COPY. STAR N70-15148 AD-695 724
NR-C9-00-000-00928	KODAK EKTACHROME INFRARED AERO FILM FOR FORESTRY PURPOSES. D.A. STELLINGWERF, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. PUBLICATIONS SERIES B, NO. 54. MARCH 1969. STAR N70-10556. MICROFICHE COPY.
NR-C9-00-000-00975	PROJECT FIRE SCAN, FIRE MAPPING, FINAL REPORT. APRIL 1962 - DECEMBER 1966. THE USE AND SYSTEM REQUIREMENTS OF INFRARED SCANNERS IN MAPPING WILDFIRES. U.S. FOREST SERVICE RESEARCH PAPER INT-49, 1968. STANLEY N. HIRSCH, U.S. FOREST SERVICE, NORTHERN FOREST FIRE LAB., MISSOULA, MONTANA, ROBERT L. BJORNSEN, U.S. FOREST SERVICE, DIV. OF FIRE CONTROL, WASH., D.C., ET AL., 1968. CONTRACT NUMBERS OCD-OS-62-174 AND OCD-PS-66-17.
NR-C9-GJ-000-01018	SPECTRAL REFLECTANCE MEASUREMENTS COMPARED WITH PANCHROMATIC AND INFRARED AERIAL PHOTOGRAPHS. CHARLES E. OLSON, JR., UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. 1964. CONTRACT NO. NONR 1224-(44). STAR N65-36156. AD-603 499. MICROFICHE COPY.
NR-C9-00-000-01023	EVALUATION OF FOREST CANOPIES BY PHOTOGRAPHY. REPORT NO. CRREL-RR-253. DR. PHILIP L. JOHNSON AND THEODORE C. VOGEL, U.S. ARMY COLD REGIONS RESEARCH + ENGINEERING LAB., HANOVER, NEW HAMPSHIRE. OCT. 1968. AD-680 182.
NR-C9-GJ-000-01024	COLOR PHOTOGRAPHY FOR OAK WILT DETECTION. ELMER R. ROITH, U.S. FOREST SERVICE, ATLANTA, GEORGIA, ROBERT C. HELLER, U.S. FOREST SERVICE, BELTSVILLE, MARYLAND, ET AL. PUBLISHED IN JOURNAL OF FORESTRY, VOL. 61, NO. 10, OCT. 1963. PP.774,776,778.
NR-C9-DK-000-01028	AERIAL PHOTO INTERPRETATION OF UNDERSTORIES IN TWO OREGON OAK STANDS. FOREST SERVICE RESEARCH NOTE PNW-58. H. GYDE LUND, GEORGE R. FAHNESTOCK, AND JOHN F. WEAR, PACIFIC NORTHWEST FOREST + RANGE EXPERIMENT STATION, PORTLAND, OREGON. PUBLISHED IN U.S. FOREST SERVICE RESEARCH NOTE, JULY 1967.
NR-C9-DJ-159-01039	A MULTI-SENSOR STUDY OF PLANT COMMUNITIES AT HORSEFLY MOUNTAIN, OREGON. REX M. PETERSON, G. ROSS COCHRANE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. PUBLISHED IN REMOTE SENSING IN ECOLOGY, 1969. PP.63-94. REPORT NO. CRES REPRINT 133-6. CONTRACT NO. DAAK02-68-C-0089. NAS 9-7175 14-08-0001-10848. AD-698 098.

TECHNICAL REPORTS - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C9-00-000-01052	SOME PROBLEMS IN PHOTOGRAPHING NEW ZEALAND FORESTS. PART I. M.D. KING, VICTORIA UNIVERSITY OF WELLINGTON, NEW ZEALAND. PUBLISHED IN TUATARA, VOL. 15, NO. 2, JULY 1967. PP.60-74.
NR-C9-00-000-01153	NONIMAGING OPTICAL DIFFERENTIATION OF FOREST FOLTAGE. W.G. EGAN, GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, NEW YORK. OCT. 1969. REPORT NO. RM-458J. STAR N69-40307.
NR-C9-00-000-01184	UNTERSUCHUNGEN ZUR ERMITTLUNG HOLZMESSKUNDLICHER DATEN AUS LUFTBILDERN BEI DER HOLZART FICHTE. (DEDUCING MENSURATIONAL DATA FROM AERIAL PHOTOGRAPHS OF SPRUCE SPECIES). DIETHARD KAHLEYSS AND GERHARD KLIER, INSTITUT FUR FORSTLICHE GEODASIE UND PHOTOGRAMMETRIE, THARANDT, GERMANY. PUBLISHED IN ARCIV FUER FORSTWESEN, BD. 17, HEFT 4, 1968. PP.369-380.
NR-C9-GH-000-01198	INFRARED PHOTOGRAPHY AS AN INDICATOR OF DISEASE AND DECLINE IN CITRUS TREES. GERALD G. NORMAN, FLORIDA DEPT. OF AGRICULTURE, WINTER HAVEN, FLORIDA AND NORMAN L. FRITZ, EASTMAN KODAK CO., ROCHESTER, NEW YORK. PUBLISHED IN FLORIDA STATE HORTICULTURAL SOCIETY PROCEEDINGS, VOL. 78, 1965. PP.59-63.
NR-C9-00-000-01221	AIRBORNE INFRARED LINE SCANNERS FOR FOREST FIRE SURVEILLANCE. STANLEY N. HIRSCH AND FORREST H. MADDEN, U.S. DEPT. OF AGRICULTURE, FOREST SERVICE, MISSOULA, MONTANA. PRESENTED AT THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS ANNUAL TECHNICAL SYMPOSIUM AND EXHIBORAMA, 14TH, SAN FRANCISCO, CALIF., AUG. 1969. PUBLISHED IN PHOTO-OPTICAL INSTRUMENTATION APPLICATIONS AND THEORY, SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS PROCEEDINGS, VOL. 2, AUG. 1969. PP.51-57. A70-23753.
NR-C9-00-000-01315	STUDIES OF THE WOODLAND LIGHT CLIMATE. I. - THE PHOTOGRAPHIC COMPUTATION OF LIGHT CONDITIONS. MARGARET C. ANDERSON, BOTANY SCHOOL, CAMBRIDGE. IN JOURNAL OF ECOLOGY, VOL. 52, 1964. PP.27-41.
NR-C9-00-000-01346	THE NEED FOR FOREST INVENTORIES. DONALD A. STELLINGWERF, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES DELFT, NETHERLANDS. OCT. 1969. MICROFICHE COPY. N70-12960
NR-C9-FH-032-01437	DETECTION OF ARTHROPOD ACTIVITY ON CITRUS FOLIAGE WITH AERIAL INFRARED COLOR PHOTOGRAPHY. W.G. HART AND S.J. INGLE, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. IN WORKSHOP ON AERIAL COLOR PHOTOGRAPHY IN THE PLANT SCIENCES, GAINESVILLE, FLORIDA, MARCH 1969, PROCEEDINGS. PP.85-88.
NR-C9-00-000-01483	PARAMETERS AFFECTING THE DETECTION OF WILDLIFE WITH AN AIRCRAFT-MOUNTED INFRARED SCANNER. TECHNICAL MEMORANDUM RSC-12. 1970. GEORGE RANDALL HARKER, TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS.
NR-C9-DJ-048-01485	(FALSE-COLOR FILM FAILS IN PRACTICE). C. ROSS COCHRANE, UNIVERSITY OF KANSAS, LAWRENCE, KANS. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 34, NO. 11, NOV. 1968, PP.1142-1146. CONTRACT NO. 14-08-0001-10848.
NR-C9-GJ-167-01533	STUDIES OF THE EFFECTS OF VARIATIONS IN BOUNDARY CONDITIONS ON THE ATMOSPHERIC BOUNDARY LAYER. FINAL REPORT OCT. 62-SEPT. 65. HEINZ H. LETTAU, HARRY L. HAMILTON, JR., WARREN B. JOHNSON, JR., AND DONALD H. LENSCHOW, UNIVERSITY OF WISCONSIN, MADISON, WIS. OCT. 1965. 263P. CONTRACT NO. DA-36-039-AMC-00878(E). AD-478083

TECHNICAL REPORTS - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C9-FJ-000-01544	DEVELOPMENT OF AN AIRBORNE REMOTE-SENSOR SURVEY OF TREE DISEASES IN TEXAS. REPORT FOR 1969-70. E.P. VAN ARSDEL, TEXAS A AND M UNIVERSITY, DEPT. OF PLANT SCIENCES, COLLEGE STATION, TEXAS. 1970. 42P. CONTRACT NO. GRANT NSG 239-62.
NR-C9-FJ-000-01545	PROGRESS IN THE REMOTE DETECTION OF LIVE OAK DECLINE AND ASH RUST. ALSO OTHER REPORTS ON TREE DISEASES STUDY. DR. E.P. VAN ARSDEL, TEXAS A AND M UNIVERSITY, DEPT. OF PLANT SCIENCES, COLLEGE STATION, TEXAS. 1970, 7P. CONTRACT NO. NASA GRANT NSG239-62.
NR-C9-00-000-01547	EVALUATION OF PROJECT FIRESKAN AS AN RTG HEAT SOURCE SEARCH AND DETECTION SYSTEM. REPORT NO. SC-DR-70-152. J.L. ENTREKIN, AND L.L. KELLER, JR., SANDIA LABORATORIES, ALBUQUERQUE, NEW MEXICO, MARCH 1970, 29P. N70-34504
NR-C9-DJ-000-01607	IMPACT OF DOUGLAS-FIR TUSSOCK MOTH... COLOR AERIAL PHOTOGRAPHY EVALUATES MORTALITY. REPORT NO. PSRP-PSW-60. STEVEN L. WERT, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIF., AND BOYD E. WICKMAN, PACIFIC NORTHWEST FOREST AND RANGE EXP. STATION, FORESTRY SCIENCES LAB., CORVALLIS, OREGON. 1970, 9P. PB-193698 N71-12160
NR-C9-EJ-000-01624	LAND RESOURCE INVENTORY AND ENGINEERING SURVEYS USING PHOTOGRAMMETRY. ENGINEERING TECHNICAL REPORT. REPORT NO. ETR-7100-2. JOHN R. SWINNERTON, DIV. OF ENGINEERING, U.S. DEPT. OF AGRICULTURE, FOREST SERVICE, WASHINGTON, D.C. SEPT. 1969. REPRINTED AUG. 1970, 26P. N70-42142
NR-C9-00-000-01628	DISPERSION OF AIR TRACERS INTO AND WITHIN A FORESTED AREA, VOL. 1 - TECHNICAL REPORT. REPORT NO. ECOM-68-G8-1. LEO J. FRITSCHEN, CHARLES H. DRIVER, ET AL., UNIVERSITY OF WASHINGTON, COLLEGE OF FOREST RESOURCES, SEATTLE, WASH. SEPT. 1969, 45P. CONTRACT NO. GRANT DA-AMC-28-043-68-G8. MICROFICHE COPY. AD-700 974 N70-26988
NR-C9-GJ-000-01639	THE RADIANT ENERGY BUDGET OF CLEARCUT AND FORESTED SITES IN WEST VIRGINIA. J.W. HORNBECK, NORTHEASTERN FOREST EXPERIMENT STATION, FOREST SERVICE, DURHAM, NEW HAMPSHIRE. USDA, FOREST SERVICE, NORTHEASTERN FOREST EXPERIMENT STATION, UPPER DARBY, PENNSYLVANIA. IN FOREST SCIENCE, VOL. 16, NO. 2, JUNE 1970. PP.139-145. W70-10422
NR-C9-00-000-01674	SPECTRAL INFRARED REFLECTION MEASUREMENTS FROM NATURAL AND TREATED ASPEN FORESTS. REPORT NO. CWRH-14-4. FRANK W. HAWS, RALPH BRISCOE, AND ALLAN STEED, UTAH CENTER FOR WATER RESOURCES RESEARCH, LOGAN, UTAH. DEC. 1969, 17P. MICROFICHE COPY. PB-192209 W70-07332
NR-C9-BK-000-01684	TREES OF INTERIOR ALASKA, THEIR SIGNIFICANCE AS SOIL AND PERMAFROST INDICATORS. REPORT NO. ACEL-TR-39. E.G. STOECKELER, U.S. ARMY CORPS OF ENGINEERS, PERMAFROST DIV., ST. PAUL, MINN. ARCTIC CONSTRUCTION AND FROST EFFECTS LAB., BOSTON, MASS. 1952, 28P. MICROFICHE COPY. PB-162803 AD-712597
NR-C9-GJ-217-01772	FOREST AND RANGE INVENTORY AND MAPPING. ROBERT C. ALDRICH, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIF. 1970, 30P. TO BE PUBLISHED IN - INTERNATIONAL WORKSHOP IN EARTH RESOURCES SURVEY SYSTEMS, ANN ARBOR, MICHIGAN, MAY 1971, PROCEEDINGS. N71-15497

Reproduced from  
best available copy.



TECHNICAL REPORTS - FORESTRY

ACCESSION NUMBER	DESCRIPTION
NR-C9-FJ-149-01773	DETECTION AND CHARACTERIZATION OF STRESS SYMPTOMS IN FOREST VEGETATION. ROBERT C. HELLER, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, BERKELEY, CALIF. 1969, 55P. TO BE PUBLISHED IN - PROCEEDINGS FOR THE INTERNATIONAL WORKSHOP IN EARTH RESOURCES SURVEY SYSTEMS, HELD IN ANN ARBOR, MICHIGAN, MAY 1971. N71-15502
NR-C9-CL-143-01804	AERIAL PHOTOGRAPHIC INTERPRETATION OF NATURAL VEGETATION IN THE ANCHORAGE AREA, ALASKA. KIRK N. STONE, PROF. OF GEOGRAPHY, UNIV. OF WISCONSIN, MADISON. IN THE GEOGRAPHICAL REVIEW, VOL. 38, 1948. PP.465-474. REPRINTED IN SURVEYING AND MAPPING, VOL. 10, 1950. PP199-207.
NR-C9-00-000-01817	OCULAR ESTIMATION OF CROWN DENSITY ON AERIAL PHOTOGRAPHS. ROBERT B. POPE, PACIFIC NORTHWEST FOREST AND RANGE EXPERIMENT STATION, PORTLAND, OREGON. IN FORESTRY CHRONICLE, VOL. 35, NO. 1, 1960. PP.89-90.
NR-C9-00-000-01846	LEGIFENYKEPEK FELHASZNALASA AZ ERDORENDEZESI MUNKA SORAN. (UTILIZATION OF AERIAL PHOTOS IN FOREST MANAGEMENT). ISTVAN BAN, AND BELA BERDAR, ADDRESS UNKNOWN. IN ERDO, VOL. 17, NO. 8, AUG. 1968. PP.356-362. IN HUNGARIAN, GERMAN SUMMARY.
NR-C9-00-000-01877	REMOTE SENSING OF GRASSLAND VEGETATION. SHIGERU TAKAHATA, IN-JOURNAL OF HOKUNO, VOL. 34, NO. 10, 1969, P. 27-36. IN JAPANESE, ENGLISH SUMMARY.
NR-C9-GT-000-01929	FROST POCKETS ON THERMAL IMAGERY. P.A. MURTHA, FOREST MANAGEMENT INSTITUTE, DEPT. OF FISHERIES AND FORESTRY, OTTAWA, ONTARIO, CANADA. IN-THE FORESTRY CHRONICLE, VOL. 47 NO. 2, APRIL 1971.
NR-C9-HK-000-02169	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-169. THE EMPLOYMENT OF WEATHER SATELLITE IMAGERY IN AN EFFORT TO IDENTIFY AND LOCATE THE FOREST-TUNDRA FACTONE IN CANADA. SUSAN A. ALDRICH, FRANK T. ALDRICH, AND ROBERT D. RUDD, OREGON STATE UNIVERSITY, CORVALLIS, OREGON. SEPTEMBER 1969. CONTRACT NUMBER W-12589.

# GEOGRAPHY

# GEOGRAPHY

## SECTION D1 - SITE MAPS

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-D1-EJ-014-00258	HIGH ALTITUDE AIRCRAFT, EL PASO TO TUCSON	REGIONAL	17 X 22
NR-D1-EJ-015-00258	HIGH ALTITUDE AIRCRAFT, EL PASO TO TUCSON	REGIONAL	17 X 22
NR-D1-EJ-027-00168	SITE 130-SOUTHERN CALIFORNIA SITE 027-SALTON SEA, CALIFORNIA SITE 157-BORREGO SPRINGS, CALIFORNIA	REGIONAL	17 X 22
NR-D1-EJ-027-00254	SITE - IMPERIAL VALLEY, CALIFORNIA	REGIONAL	17 X 22
NR-D1-EJ-027-00257	HIGH ALTITUDE AIRCRAFT, YUMA TO LOS ANGELES	REGIONAL	17 X 22
NR-D1-EJ-030-00214	SITE 030-TUCSON, ARIZONA	REGIONAL	17 X 22
NR-D1-EJ-030-00252	SITE 030-TUCSON, ARIZONA	REGIONAL	17 X 22
NR-D1-EJ-030-00258	HIGH ALTITUDE AIRCRAFT, EL PASO TO TUCSON	REGIONAL	17 X 22
NR-D1-GJ-043-00019	SITE 043-CHICAGO, ILLINOIS	DETAIL	17 X 22
NR-D1-GJ-043-00020	SITE 043-CHICAGO, ILLINOIS	DETAIL	17 X 22
NR-D1-GJ-043-00021	SITE 043-CHICAGO, ILLINOIS	REGIONAL	17 X 22
NR-D1-GJ-043-00041	SITE 043-CHICAGO, ILL.	DETAIL	17 X 22
NR-D1-GJ-043-00042	SITE 043-CHICAGO, ILL.	DETAIL	17 X 22
NR-D1-GJ-046-00011	SITE 046-ASHEVILLE, N.C.	REGIONAL	17 X 20
NR-D1-GJ-046-00012	SITE 046-ASHEVILLE, N.C.	DETAIL	17 X 22
NR-D1-GJ-046-00077	SITE 046-ASHEVILLE, NORTH CAROLINA	REGIONAL	17 X 22
NR-D1-GJ-046-00138	SITE 046-ASHEVILLE, NORTH CAROLINA	REGIONAL	17 X 22
NR-D1-FJ-085-00089	SITE 085-LAWRENCE, KANSAS	REGIONAL	17 X 22
NR-D1-FJ-085-00126	SITE 085-LAWRENCE, KANSAS	REGIONAL	17 X 22
NR-D1-FJ-085-00176	SITE 085-LAWRENCE, KANSAS	REGIONAL	17 X 22
NR-D1-GH-098-00055	SITE 098-HOMESTEAD, FLA. SITE 102-STATENVILLE/LAKE CITY, FLA., PHOSPHATE SITE 103-CRYSTAL RIVER, FLORIDA, SITE 104-WAUCHULA/TAMPA, FLA.,	REGIONAL	17 X 22
NR-D1-GH-102-00055	SITE 098-HOMESTEAD, FLA. SITE 102-STATENVILLE/LAKE CITY, FLA., PHOSPHATE SITE 103-CRYSTAL RIVER, FLORIDA, SITE 104-WAUCHULA/TAMPA, FLA.,	REGIONAL	17 X 22

SITE MAPS - GEOGRAPHY

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-D1-GH-103-00055	SITE 098-HOMESTEAD, FLA. SITE 102-STATENVILLE/LAKE CITY, FLA., PHOSPHATE SITE 103-CRYSTAL RIVER, FLORIDA, SITE 104-WAUCHULA/TAMPA, FLA.,	REGIONAL	17 X 22
NR-D1-GH-104-00055	SITE 098-HOMESTEAD, FLA. SITE 102-STATENVILLE/LAKE CITY, FLA., PHOSPHATE SITE 103-CRYSTAL RIVER, FLORIDA, SITE 104-WAUCHULA/TAMPA, FLA.,	REGIONAL	17 X 22
NR-D1-GH-105-00022	SITE 105-CRESCENT BEACH SUBMARINE SPRING, FLA.	REGIONAL	17 X 22
NR-D1-EJ-117-00257	HIGH ALTITUDE AIRCRAFT, YUMA TO LOS ANGELES	REGIONAL	17 X 22
NR-D1-EJ-130-00029	SITE 130-SOUTHERN CALIF.	DETAIL	17 X 22
NR-D1-EJ-130-00030	SITE 130-SOUTHERN CALIF.	REGIONAL	17 X 22
NR-D1-EJ-130-00066	SITE 130-SOUTHERN CALIFORNIA	REGIONAL	17 X 22
NR-D1-EJ-130-00105	SITE 130-SOUTHERN CALIFORNIA	REGIONAL	17 X 22
NR-D1-EJ-130-00107	SITE 130-SOUTHERN CALIFORNIA SITE 157-BORRERO SPRINGS, CALIF.	REGIONAL	17 X 22
NR-D1-EJ-130-00168	SITE 130-SOUTHERN CALIFORNIA SITE 027-SALTON SEA, CALIFORNIA SITE 157-BORRERO SPRINGS, CALIFORNIA	REGIONAL	17 X 22
NR-D1-EJ-130-00171	SITE 130-SOUTHERN CALIFORNIA	REGIONAL	17 X 22
NR-D1-EJ-130-00254	SITE - IMPERIAL VALLEY, CALIFORNIA	REGIONAL	17 X 22
NR-D1-EJ-130-00257	HIGH ALTITUDE AIRCRAFT, YUMA TO LOS ANGELES	REGIONAL	17 X 22
NR-D1-GJ-132-00063	SITE 132-NEW ORLEANS, LA. SITE 133-MICHOD, LA. SITE 134-SLIDELL, LA. SITE 137-MISSISSIPPI TEST FACILITY	REGIONAL	17 X 22
NR-D1-GH-132-00127	SITE 132-NEW ORLEANS, LOUISIANA	REGIONAL	17 X 22
NR-D1-GH-132-00143	SITE 132-NEW ORLEANS, LOUISIANA	REGIONAL	17 X 22
NR-D1-GH-132-00204	SITE 132-NEW ORLEANS, LOUISIANA	REGIONAL	17 X 22
NR-D1-GJ-133-00063	SITE 132-NEW ORLEANS, LA. SITE 133-MICHOD, LA. SITE 134-SLIDELL, LA. SITE 137-MISSISSIPPI TEST FACILITY	REGIONAL	17 X 22
NR-D1-GJ-133-00128	SITE 133-MICHOD, LOUISIANA	REGIONAL	17 X 22
NR-D1-GJ-134-00063	SITE 132-NEW ORLEANS, LA. SITE 133-MICHOD, LA. SITE 134-SLIDELL, LA. SITE 137-MISSISSIPPI TEST FACILITY	REGIONAL	17 X 22
NR-D1-GJ-134-00129	SITE 134-SLIDELL, LOUISIANA	REGIONAL	17 X 22

SITE MAPS - GEOGRAPHY

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-D1-GJ-137-00063	SITE 132-NEW ORLEANS, LA. SITE 133-MICHoud, LA. SITE 134-SLIDELL, LA. SITE 137-MISSISSIPPI TEST FACILITY	REGIONAL	17 X 22
NR-D1-GJ-137-00130	SITE 137-MISSISSIPPI TEST FACILITY	REGIONAL	17 X 22
NR-D1-GH-146-00207	SITE 146-ALAFIA/PEACE RIVERS, FLORIDA SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GH-146-00249	SITE 146-ALAFIA/PEACE RIVERS, FLA. SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-153-00083	SITE 153-ANNAPOLIS, MARYLAND	REGIONAL	17 X 22
NR-D1-EJ-157-00107	SITE 130-SOUTHERN CALIFORNIA SITE 157-BORREGO SPRINGS, CALIF.	REGIONAL	17 X 22
NR-D1-EJ-157-00168	SITE 130-SOUTHERN CALIFORNIA SITE 027-SALTON SEA, CALIFORNIA SITE 157-BORREGO SPRINGS, CALIFORNIA	REGIONAL	17 X 22
NR-D1-EJ-157-00254	SITE - IMPERIAL VALLEY, CALIFORNIA	REGIONAL	17 X 22
NR-D1-DJ-159-00117	SITE 159-HORSEFLY MOUNTAIN, OREGON	REGIONAL	17 X 22
NR-D1-GH-164-00156	SITE 164-BOCA RATON/BELLE GLADE, FLA.	REGIONAL	17 X 22
NR-D1-GH-164-00200	SITE 164-BOCA RATON/BELLE GLADE, FLA.	REGIONAL	17 X 22
NR-D1-GH-164-00229	SITE 164-BOCA RATON/BELLE GLADE, FLA.	REGIONAL	17 X 22
NR-D1-GH-164-00232	SITE 164-BOCA RATON/BELLE GLADE, FLA.	REGIONAL	17 X 22
NR-D1-GH-164-00240	SITE 164-BOCA RATON/BELLE GLADE, FLA.	REGIONAL	17 X 22
NR-D1-GH-164-00247	SITE 164-BOCA RATON/BELLE GLADE, FLA.	REGIONAL	17 X 22
NR-D1-GJ-165-00132	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-165-00133	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-165-00134	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-165-00147	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-165-00148	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-165-00152	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GH-165-00207	SITE 146-ALAFIA/PEACE RIVERS, FLORIDA SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-165-00209	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-165-00231	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GJ-165-00233	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GH-165-00239	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GH-165-00249	SITE 146-ALAFIA/PEACE RIVERS, FLA. SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GH-165-00250	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GH-165-00251	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22



SITE MAPS - GEOGRAPHY

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-D1-GH-165-00284	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-GH-165-00285	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-D1-FH-175-00216	SITE 175-HOUSTON, TEXAS, AREA	REGIONAL	17 X 22
NR-D1-HJ-176-00219	SITE 176-NEW ENGLAND	REGIONAL	17 X 22
NR-D1-HJ-176-00220	SITE 176-NEW ENGLAND	REGIONAL	17 X 22
NR-D1-HJ-176-00221	SITE 176-NEW ENGLAND	REGIONAL	17 X 22
NR-D1-HJ-176-00222	SITE 176-NEW ENGLAND	REGIONAL	17 X 22
NR-D1-HJ-176-00223	SITE 176-NEW ENGLAND	REGIONAL	17 X 22
NR-D1-HJ-176-00224	SITE 176-NEW ENGLAND	REGIONAL	17 X 22
NR-D1-GH-993-00104	SITE 993-TITUSVILLE, FLORIDA SITE 997-CAPE KENNEDY, FLORIDA	REGIONAL	17 X 22
NR-D1-EJ-994-00212	SITE 994-EL PASO, TEXAS	REGIONAL	17 X 22
NR-D1-EJ-994-00256	SITE 994-EL PASO, TEXAS	REGIONAL	17 X 22
NR-D1-EJ-994-00258	HIGH ALTITUDE AIRCRAFT, EL PASO TO TUCSON	REGIONAL	17 X 22
NR-D1-FJ-995-00211	SITE 995-ANSON/SNYDER, TEXAS	REGIONAL	17 X 22
NR-D1-FJ-996-00213	SITE 996-DALLAS/FT. WORTH, TEXAS	REGIONAL	17 X 22
NR-D1-FJ-996-00253	SITE 996-DALLAS/FT. WORTH, TEXAS	REGIONAL	17 X 22
NR-D1-GH-997-00104	SITE 993-TITUSVILLE, FLORIDA SITE 997-CAPE KENNEDY, FLORIDA	REGIONAL	17 X 22

## SECTION D2 - SITE DESCRIPTIONS

ACCESSION NUMBER	DESCRIPTION
NR-D2-GJ-018-00012	SITE 018-HAGERSTOWN (CENTRAL APPALACHIAN PIEDMONT), MARYLAND/PENNSYLVANIA/VIRGINIA
NR-D2-EJ-130-00053	SITE 130-SOUTHERN CALIF.
NR-D2-GH-164-00067	SITE 164-BOCA RATON/BELLE GLADE, FLORIDA
NR-D2-EJ-170-00063	SITE 170-SHEEP MOUNTAIN, WYOMING

# SECTION D3 AIRCRAFT MISSION REQUESTS

ACCESSION NUMBER	DESCRIPTION
NR-D3-GJ-018-00009	SITE 018-HAGERSTOWN (CENTRAL APPALACHIAN PIEDMONT), MARYLAND/PENNSYLVANIA/VIRGINIA (1)
NR-D3-GJ-018-00075	SITE 018-HAGERSTOWN (CENTRAL APPALACHIAN PIEDMONT), MARYLAND/PENNSYLVANIA/VIRGINIA (2)
NR-D3-EJ-029-00246	SITE 029-PHOENIX, ARIZONA (1)
NR-D3-EJ-029-00325	SITE 029-PHOENIX, ARIZONA (2)
NR-D3-EJ-029-00338	SITE 029-PHOENIX, ARIZONA (3) SITE 210-IMPERIAL VALLEY, CALIFORNIA (1)
NR-D3-FJ-035-00093	SITE 035-WICHITA, KANSAS (1)
NR-D3-FJ-035-00094	SITE 035-WICHITA, KANSAS (2)
NR-D3-GJ-043-00100	SITE 043-CHICAGO, ILLINOIS (1)
NR-D3-GJ-046-00103	SITE 046-ASHEVILLE, NORTH CAROLINA (1)
NR-D3-FJ-076-00115	SITE 076-GARDEN CITY, KANSAS (1)
NR-D3-FJ-076-00116	SITE 076-GARDEN CITY, KANSAS (2)
NR-D3-FJ-076-00117	SITE 076-GARDEN CITY, KANSAS (3)
NR-D3-FJ-076-00118	SITE 076-GARDEN CITY, KANSAS (4)
NR-D3-FJ-076-00215	SITE 076-GARDEN CITY, KANSAS (5)
NR-D3-FJ-076-00258	SITE 076-GARDEN CITY, KANSAS (6)
NR-D3-FJ-076-00286	SITE 076-GARDEN CITY, KANSAS (8)
NR-D3-FJ-076-00345	SITE 076-GARDEN CITY, KANSAS (9)
NR-D3-FJ-085-00120	SITE 085-LAWRENCE, KANSAS (1)
NR-D3-FJ-085-00122	SITE 085-LAWRENCE, KANSAS (3)
NR-D3-FJ-085-00123	SITE 085-LAWRENCE, KANSAS (4)
NR-D3-FJ-085-00124	SITE 085-LAWRENCE, KANSAS (5)
NR-D3-FJ-085-00261	SITE 085-LAWRENCE, KANSAS (6)
NR-D3-FJ-085-00262	SITE 085-LAWRENCE, KANSAS (7)
NR-D3-FJ-085-00310	SITE 085-LAWRENCE, KANSAS (10)
NR-D3-EJ-130-00050	SITE 130-SOUTHERN CALIFORNIA (1)
NR-D3-EJ-130-00156	SITE 130-SOUTHERN CALIFORNIA (2)
NR-D3-EJ-130-00157	SITE 130-SOUTHERN CALIFORNIA (3)
NR-D3-GH-132-00043	SITE 132-NEW ORLEANS, LOUISIANA (1)
NR-D3-GJ-133-00044	SITE 133-MICHoud, LOUISIANA (1)
NR-D3-GJ-134-00045	SITE 134-SLIDELL, LOUISIANA (1)
NR-D3-GJ-137-00046	SITE 137-MISSISSIPPI TEST FACILITY (1)
NR-D3-GJ-153-00177	SITE 153-ANNAPOLIS, MARYLAND (1)

AIRCRAFT MISSION REQUESTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D3-DJ-159-00190	SITE 159-HORSEFLY MOUNTAIN, OREGON (1)
NR-D3-DJ-159-00191	SITE 159-HORSEFLY MOUNTAIN, OREGON (2)
NR-D3-DJ-159-00192	SITE 159-HORSEFLY MOUNTAIN, OREGON (3)
NR-D3-DJ-159-00193	SITE 159-HORSEFLY MOUNTAIN, OREGON (4)
NR-D3-DJ-159-00231	SITE 159-HORSEFLY MOUNTAIN, OREGON (5)
NR-D3-GH-164-00198	SITE 164-BOCA RATON/BELLE GLADE, FLORIDA (1)
NR-D3-GH-164-00322	SITE 164-BOCA RATON/BELLE GLADE, FLORIDA (2)
NR-D3-GJ-165-00199	SITE 165-DESERET/ST. MARKS, FLORIDA (1)
NR-D3-GJ-165-00334	SITE 165-DESERET/ST. MARKS, FLORIDA (3)
NR-D3-GJ-165-00335	SITE 165-DESERET/ST. MARKS, FLORIDA (2)
NR-D3-FH-175-00333	SITE 175-HOUSTON, TEXAS AREA (1)
NR-D3-HJ-176-00205	SITE 176-NEW ENGLAND (1)
NR-D3-HJ-176-00263	SITE 176-NEW ENGLAND (2)
NR-D3-HJ-176-00297	SITE 176-NEW ENGLAND (3)
NR-D3-HJ-176-00319	SITE 176-NEW ENGLAND (4)
NR-D3-HJ-176-00320	SITE 176-NEW ENGLAND (5)
NR-D3-HJ-176-00347	SITE 176-NEW ENGLAND (6)
NR-D3-FJ-194-00305	SITE 194-DENVER, COLORADO (1)
NR-D3-FJ-194-00306	SITE 194-DENVER, COLORADO (2)
NR-D3-FJ-194-00311	SITE 194-DENVER, COLORADO (3)
NR-D3-FJ-194-00361	SITE 194-DENVER, COLORADO
NR-D3-GJ-201-00271	SITE 201-MECHANICSBURG, PENNSYLVANIA (1) SITE 202-PT. COMFORT, TEXAS (1) SITE 203-GRANITE CITY, ILLINOIS (1) SITE 204-BYNAM, ALABAMA (1) SITE 205-BATON ROUGE, LOUISIANA (1) SITE 206-MUSCLE SHOALS, ALABAMA (1)
NR-D3-GJ-202-00271	SITE 201-MECHANICSBURG, PENNSYLVANIA (1) SITE 202-PT. COMFORT, TEXAS (1) SITE 203-GRANITE CITY, ILLINOIS (1) SITE 204-BYNAM, ALABAMA (1) SITE 205-BATON ROUGE, LOUISIANA (1) SITE 206-MUSCLE SHOALS, ALABAMA (1)
NR-D3-GJ-203-00271	SITE 201-MECHANICSBURG, PENNSYLVANIA (1) SITE 202-PT. COMFORT, TEXAS (1) SITE 203-GRANITE CITY, ILLINOIS (1) SITE 204-BYNAM, ALABAMA (1) SITE 205-BATON ROUGE, LOUISIANA (1) SITE 206-MUSCLE SHOALS, ALABAMA (1)

AIRCRAFT MISSION REQUESTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D3-GJ-204-00271	SITE 201-MECHANICSBURG, PENNSYLVANIA (1) SITE 202-PT. COMFORT, TEXAS (1) SITE 203-GRANITE CITY, ILLINOIS (1) SITE 204-BYNAM, ALABAMA (1) SITE 205-BATON ROUGE, LOUISIANA (1) SITE 206-MUSCLE SHOALS, ALABAMA (1)
NR-D3-GJ-205-00271	SITE 201-MECHANICSBURG, PENNSYLVANIA (1) SITE 202-PT. COMFORT, TEXAS (1) SITE 203-GRANITE CITY, ILLINOIS (1) SITE 204-BYNAM, ALABAMA (1) SITE 205-BATON ROUGE, LOUISIANA (1) SITE 206-MUSCLE SHOALS, ALABAMA (1)
NR-D3-GJ-206-00271	SITE 201-MECHANICSBURG, PENNSYLVANIA (1) SITE 202-PT. COMFORT, TEXAS (1) SITE 203-GRANITE CITY, ILLINOIS (1) SITE 204-BYNAM, ALABAMA (1) SITE 205-BATON ROUGE, LOUISIANA (1) SITE 206-MUSCLE SHOALS, ALABAMA (1)
NR-D3-EJ-210-00338	SITE 029-PHOENIX, ARIZONA (3) SITE 210-IMPERIAL VALLEY, CALIFORNIA (1)
NR-D3-FJ-996-00259	SITE 996-DALLAS/FT. WORTH, TEXAS (1)
NR-D3-FJ-996-00260	SITE 996-DALLAS/FT. WORTH, TEXAS (2)
NR-D3-FJ-996-00308	SITE 996-DALLAS/FT. WORTH, TEXAS (3)
NR-D3-FJ-996-00309	SITE 996-DALLAS/FT. WORTH, TEXAS (4)

## SECTION D4 - MISSION SCREENING AND SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-D4-GJ-998-B0014	MISSION NO. 14 SITES 043, 046
NR-D4-DK-998-B0029	MISSION NO. 29 SITES 040, 130
NR-D4-GJ-043-B0031	MISSION NO. 31 SITE 043
NR-D4-GJ-165-B0964	MISSION NO. 964 SITE 165
NR-D4-GH-998-B0090	MISSION NO. 90 SITES 164, 165
NR-D4-HE-901-B0097	MISSION NO. 97 SITES 901
NR-D4-GJ-137-A0125	MISSION 125, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 137
NR-D4-GJ-137-B0125	MISSION NO. 125 SITES 137
NR-D4-FJ-998-A128C	MISSION 128C, EARTH RESOURCES SCREENING AND INDEXING REPORT SITES 85, 226, AND 234.

Reproduced from  
best available copy. 

MISSION SCREENING AND SUMMARY REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D4-HJ-998-A128D	MISSION 128D, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 187, 194, 229, 230 AND 231
NR-D4-FJ-228-A128E	MISSION 128E, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 228
NR-D4-GJ-998-A0136	MISSION 136, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 204 AND 206
NR-D4-GJ-998-B0136	MISSION NO. 136 SITES 204, 206
NR-D4-FJ-238-A0137	MISSION 137, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 238
NR-D4-FJ-238-B0137	MISSION NO. 137 SITE 238
NR-D4-GF-851-B0148	MISSION NO. 148 SITE 851 - PERU
NR-D4-FJ-270-A0163	MISSION 163, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 270
NR-D4-FJ-270-B0163	MISSION NO. 163 SITE 270

## SECTION D6 - DIVISION BIBLIOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D6-FJ-998-00013	RADAR SENSING FOR GEOSCIENCE PURPOSES. SEMI-ANNUAL PROGRESS REPORT, CRSA 61-2, 1 JANUARY 1966 TO 1 JULY 1966. THE UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR 17-004-003. STAR X66-37199.
NR-D6-EJ-029-00018	URBAN AND TRANSPORTATION INFORMATION SYSTEMS. ANNUAL REPORT, APRIL 1966. NORTHWESTERN UNIVERSITY, RESEARCH OFFICE, DEPARTMENT OF GEOGRAPHY, EVANSTON, ILLINOIS. CONTRACT NO. NONR 1228(37), TASK NR 389-143. STAR X69-74535
NR-D6-EJ-130-00085	NINETY DAY REPORT. GEOGRAPHIC REMOTE SENSING TESTS IN SOUTHERN CALIFORNIA, SPRING 1968. LEONARD W. BOWDEN, UNIVERSITY OF CALIFORNIA, DEPARTMENT OF GEOGRAPHY, RIVERSIDE, CALIFORNIA, AND ROBERT H. ALEXANDER, U.S.G.S., GEOGRAPHIC APPLICATIONS PROGRAM, WASHINGTON, D.C. EXCERPT FROM 'MISSION SUMMARY AND DATA CATALOG' AUG. 1968.
NR-D6-EJ-998-00256	AN APPRAISAL OF THE CONTRIBUTION OF ORBITAL PHOTOGRAPHY TO PROBLEMS OF ENVIRONMENTAL QUALITY. FRANK J. WOBBER, IBM FEDERAL SYSTEMS DIV., GAITHERSBURG, MD. PREPRINT OF PAPER PRESENTED TO THE PHOTOGRAMMETRY SYMPOSIUM, NEW HORIZONS IN COLOR AERIAL PHOTOGRAPHY, NEW YORK CITY, JUNE 1969.
NR-D6-EJ-130-00268	ANNALS MAP SUPPLEMENT NUMBER TWELVE - LAND USE IN THE SOUTHWESTERN UNITED STATES FROM GEMINI AND APOLLO IMAGERY. NORMAN J.W. THROWER, UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIFORNIA. PUBLISHED IN ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL. 61, NO. 1, MARCH 1970. PP.208-209.

DIVISION BIBLIOGRAPHY - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D6-GH-164-00326	ELECTRONIC QUANTIFICATION AND COMPARISON OF GEOGRAPHIC PATTERNS RECORDED BY VARIOUS REMOTE SENSORS, AND AN EVALUATION OF THEIR CONTRIBUTIONS TO GEOGRAPHIC RESEARCH AND METHODOLOGY. FINAL REPORT. JAN. 65-JAN. 70. JAMES P. LATHAM, FLORIDA ATLANTIC UNIVERSITY, BOCA RATON, FLORIDA. CONTRACT NO. NONR-4761(00). AD-700 947. STAR N70-26900.
NR-D6-00-000-00415	CORNELL AERIAL PHOTO INVENTORIES OF URBAN LAND USE AND NATURAL RESOURCES. JOHN T. ROACH, CORNELL UNIVERSITY, ITHACA, N.Y. IN AMERICAN SOCIETY OF PHOTOGRAMMETRY, ANNUAL MEETING, 36TH, WASHINGTON, D.C., MARCH 1970, TECHNICAL PAPERS. PP.351-362. PREPRINT. A70-24738

## SECTION D7 - SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-D7-00-000-00011	ANNOTATED BIBLIOGRAPHY ON THE USE OF SIDE-LOOKING AIRBORNE RADAR (SLAR) IMAGERY FOR ENGINEERING SOIL STUDIES, PART 1 - UNCLASSIFIED LITERATURE. DAVID J. BARR, SCHOOL OF CIVIL ENGINEERING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PREPARED FOR U.S. ARMY ENGINEER TOPOGRAPHIC LABORATORIES, FORT BELVOIR, VIRGINIA. CONTRACT NO. DA-44-009-AMC-1847(X).
NR-D7-00-000-00032	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. FORESTRY-AGRICULTURE-GEOGRAPHY-NO. 1. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N69-27962.
NR-D7-00-000-00035	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. METEOROLOGY-NO. 4. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N69-28102.
NR-D7-00-000-00042	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. NAVIGATION AND TRAFFIC CONTROL-NO. 11. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NO. NSR 09-012-909. STAR N69-27963.
NR-D7-00-000-00051	SIGNIFICANT ACHIEVEMENTS IN SATELLITE METEOROLOGY 1958-1964. NASA SP-96. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1966.
NR-D7-GJ-998-00053	GEOGRAPHIC APPLICATIONS OF REMOTE SENSOR DATA FROM AIRCRAFT AND SPACECRAFT. DR. ARCH C. GERLACH, U.S. GEOLOGICAL SURVEY WASHINGTON, D.C. PRESENTED AT THE INTERNATIONAL GEOGRAPHICAL UNION REGIONAL CONFERENCE, MEXICO CITY, MEXICO, AUG. 1966.

SUMMARY REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D7-EJ-998-00061	SPACECRAFT AND REMOTE SENSOR DEVELOPMENT FOR PEACEFUL, SCIENTIFIC PURPOSES. DR. ARCH C. GERLACH, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE PAN AMERICAN INSTITUTE OF GEOGRAPHY AND HISTORY, 11TH DIRECTING COUNCIL, MEXICO CITY, MEXICO, AUG. 1968.
NR-D7-EJ-998-00063	A DECADE OF SPACECRAFT AND REMOTE SENSOR DEVELOPMENT FOR PEACEFUL, SCIENTIFIC PURPOSES. DR. ARCH C. GERLACH, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE GEOGRAPHIC APPLICATIONS OF REMOTE SENSING, SUMNER INSTITUTE, UNIVERSITY OF MICHIGAN, 1968.

## SECTION D8 SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-D8-MK-000-00031	DEEP SOIL TEMPERATURE TRENDS AND URBAN EFFECTS AT PARIS. JACQUES DETTWILLER, METEOROLOGIE NATIONALE, PARIS, FRANCE. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 9, NO. 1, FEB. 1970. PP.178-180.
NR-D8-00-000-00034	CONFERENCE ON SPACE, SCIENCE, AND URBAN LIFE. MARCH 28-30, 1963. DUNSMUIR HOUSE CONFERENCE WAS SUPPORTED BY THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION AND THE FORD FOUNDATION IN COOPERATION WITH THE UNIVERSITY OF CALIFORNIA AND THE CITY OF OAKLAND. OFFICE OF SCIENTIFIC AND TECHNICAL INFORMATION, WASHINGTON, D.C. NASA SP-37.
NR-D8-00-000-00079	SOME APPLICATIONS OF RADAR RETURN DATA TO THE STUDY OF TERRESTRIAL AND OCEANIC PHENOMENA. CRES TECHNICAL REPORT 61-3. W.J. PIERSON, JR., NEW YORK UNIVERSITY, B.B. SCHEPS, U.S. ARMY, GIMRADA, AND D.S. SIMONETT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSR-17-004-003 AND NONR 285(57). PUBLISHED IN PROCEEDINGS OF THE THIRD GODDARD MEMORIAL SYMPOSIUM ON SCIENTIFIC EXPERIMENTS FOR MANNED ORBITAL FLIGHT, 18-19 MARCH 1965, WASHINGTON, D.C., P 87-137 STAR N68-10284.
NR-D8-00-000-00082	TWO TROPICAL STORMS VIEWED BY APOLLO 7. STANLEY D. SOULES, NATIONAL ENVIRONMENTAL SATELLITE CENTER, ESSA, AND KENNETH M. NAGLER, WEATHER BUREAU, ESSA, WASHINGTON, D.C. REPRINTED FROM BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY, V.50, NO.2, FEBRUARY 1969, P 58-65.
NR-D8-00-000-00164	AIR-POLLUTION-MONITORING INSTRUMENTATION. NASA SP-5072. ALVIN LIEBERMAN AND PETER SCHIPMA, IIT RESEARCH INSTITUTE TECHNOLOGY CENTER, CHICAGO, ILLINOIS. 1969. CONTRACT NO. NASW-1716.
NR-D8-00-000-00173	METEOROLOGY OF AIR POLLUTION. DONALD H. PACK, U.S. DEPT. OF COMMERCE, WEATHER BUREAU, WASHINGTON, D.C. PUBLISHED IN SCIENCE, VOL. 146, NO. 3648, NOVEMBER 1964. PP.1119-1127.

SUBJECT RELATED DOCUMENTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D8-00-000-00219	STUDY OF AIR POLLUTANT DETECTION BY REMOTE SENSORS. NASA CR-1380. REPORT NO. GDC-D8E68-011. C.B. LUDWIG, R. BARTLE, AND M. GRIGGS, GENERAL DYNAMICS CORP., SAN DIEGO, CALIF. JULY 1969. CONTRACT NUMBER NAS 12-630. STAR N69-31961.
NR-D8-00-000-00237	AERIAL-PHOTO INTERPRETATION IN CLASSIFYING AND MAPPING SOILS. U.S. DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D.C. PUBLISHED IN AGRICULTURAL HANDBOOK NO. 294, OCTOBER 1966.
NR-D8-00-000-00290	AIRPHOTO USE IN RESOURCE MANAGEMENT. A SURVEY OF NON-FEDERAL PURCHASERS OF AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE AIRPHOTOS. ORVILL E. KRAUSE, U.S. DEPT. OF AGRICULTURE, ECONOMIC RESEARCH SERVICE, WASHINGTON, D.C. MAY 1969. PUBLISHED IN AGRICULTURE INFORMATION BULLETIN NO. 336. STAR N69-35256.
NR-D8-00-000-00318	A PHOTOGRAPHIC SUMMARY OF THE EARTH'S CLOUD COVER FOR THE YEAR 1967. JACK KORNFIELD AND A. FREDERICK HASLER, WISCONSIN UNIVERSITY, SPACE SCIENCE AND ENGINEERING, MADISON, WISCONSIN. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 8, AUG. 1969. PP.687-700.
NR-D8-00-000-00334	THE EARTH'S GRAVITY FIELD AS DEDUCED FROM THE DOPPLER TRACKING OF FIVE SATELLITES. W.H. GUIER AND R.R. NEWTON, JOHNS HOPKINS UNIVERSITY, APPLIED PHYSICS LAB., SILVER SPRING, MD. PUBLISHED OF GEOPHYSICAL RESEARCH, VOL. 70, NO. 18, SEPT. 1965. PP.4613-4626.
NR-D8-GH-128-00343	PASSIVE MICROWAVE SENSING OF THE EARTH'S ENVIRONMENT - A BIBLIOGRAPHY WITH ABSTRACTS. TECHNICAL REPORT NO. RSC-03. JERRY A. RICHESON, TEXAS A + M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. SEPTEMBER 1969. N70-43080, NASA-CR-110864. MICROFICHE AND HARD COPY.
NR-D8-HJ-000-00348	THE EFFECT OF AIR POLLUTANTS ON VISIBILITY IN FOG AND HAZE AT NEW YORK CITY. R.P. MCNULTY, 256 WEST HILL RD., NEWINGTON, CONN. PUBLISHED IN ATMOSPHERIC ENVIRONMENT, VOL. 2, NO. 6, NOV. 1968. PP.625-628.
NR-D8-00-000-00432	MULTIPLE SCATTERING OF LASER LIGHT IN THE ATMOSPHERE. FINAL REPORT, DEC. 1967-JUNE 1968. GILBERT N. PLASS, TEXAS A+M UNIVERSITY AND G.W. KATTAWAR, SOUTHWEST CENTER FOR ADVANCED STUDIES, DALLAS, TEXAS. JULY 1968. REPORT NO. AF-CRL-68-0367. CONTRACT NO. F19628-68-C-0181. AD-675 155. MICROFICHE COPY.
NR-D8-00-000-00480	COMPUTER SIMULATION OF OPTICAL CONTRAST REDUCTION CAUSED BY ATMOSPHERIC AEROSOL. P.J. BREITLING AND S. PILIPOWSKI, USAF, AIR WEATHER SERVICE HEADQUARTERS, SCOTT AFB, ILL. PRESENTED AT AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, AEROSPACE SCIENCES MEETING, 8TH, NEW YORK, JAN. 1970, PAPER NO. 70-194. A70-18156. MICROFICHE COPY.
NR-D8-00-000-00492	REVIEW OF NEW GEOGRAPHIC METHODS AND TECHNIQUES. QUESTIONNAIRE SURVEY. WATER RESOURCES PLANNING AND MANAGEMENT. RECENT TRENDS IN REMOTE SENSING TECHNOLOGY. FINAL REPORT. (APPENDIX C). ROBERT J. TATA, ET AL., FLORIDA ATLANTIC UNIVERSITY, BOCA RATON, FLA. OCTOBER 1969. CONTRACT NUMBER DAAK02-68-C-0219. STAR N70-25632 W70-06466. AD-700 176
NR-D8-00-000-00493	REVIEW OF NEW GEOGRAPHIC METHODS AND TECHNIQUES. FINAL REPORT. ROBERT J. TATA, FLORIDA ATLANTIC UNIVERSITY, BOCA RATON, FLA. DECEMBER 1969. CONTRACT NO. DAAK02-68-C-0219. STAR N70-25627



SUBJECT RELATED DOCUMENTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D8-00-000-00499	POPULATION DISTRIBUTION ANALYSIS OF THE WORLD. V.E. BLAKE, SANDIA CORP., ALBUQUERQUE, NEW MEXICO. JULY 1969. STAR N70-15834. MICROFICHE COPY.
NR-D8-00-000-00502	PLUME RISE - A CRITICAL SURVEY. G.A. BRIGGS, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, OAK RIDGE, TENN. REPORT NO. TID-25075. STAR N70-19663. MICROFICHE COPY.
NR-D8-00-000-00625	TOPICS ON URBAN PLANNING - ANNOTATED BIBLIOGRAPHY. REPORT NO. NASA CR-107170. JOSEPH DISALVO AND D.E. LUNDGREN, INDIANA UNIVERSITY, AEROSPACE RESEARCH APPLICATIONS CENTER, BLOOMINGTON, INDIANA. CONTRACT NO. NSR-15-003-055. STAR N70-12898. MICROFICHE AND HARD COPY.
NR-D8-00-000-00673	FEASIBILITY STUDY FOR THE DEVELOPMENT OF MULTIFUNCTIONAL EMISSION DETECTOR FOR AIR POLLUTANTS BASED ON HOMOGENEOUS CHEMILUMINESCENT GAS PHASE REACTIONS. FINAL REPORT, AUG. 68-SEPT. 69. ARTHUR FONTIJN, ALBERTO J. SABADELL AND RICHARD J. RONCO, AERO-CHEM RESEARCH LABORATORIES, INC., PRINCETON, NEW JERSEY. STAR N70-21523. PB-188 104.
NR-D8-00-000-00690	MOIRE TOPOGRAPHY. H. TAKASAKI, SHIZUOKA UNIVERSITY, HAMAMATSU-SHI, JAPAN. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 6, JUNE 1970. PP.1467-1472.
NR-D8-00-000-00812	A DIGITAL TERRAIN LIBRARY. TECHNICAL REPORT. REPORT NO. UNIV. OF MICH. 08055-1-T. WALDO R. TOBLER AND CHARLES M. DAVIS, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. MARCH 1968. CONTRACT NO. DA-31-124-ARO-D-456. MICROFICHE COPY. AD-671 039
NR-D8-00-000-00825	REFERENCE GUIDE OUTLINE. SPECIFICATIONS FOR AERIAL SURVEYS AND MAPPING BY PHOTOGRAMMETRIC METHODS FOR HIGHWAYS. REVISED 1968. AMERICAN SOCIETY OF PHOTOGRAMMETRY, PHOTOGRAMMETRY FOR HIGHWAYS COMMITTEE, FALLS CHURCH, VA.
NR-D8-00-000-00889	REMOTE SENSING OF THE URBAN ENVIRONMENT - A SELECTED BIBLIOGRAPHY. REPORT NO. EXCHANGE BIBLIOGRAPHY NO. 69. WILLIAM A HOWARD, DEPT. OF GEOGRAPHY, UNIV. OF DENVER, DENVER, COLORADO. COUNCIL OF PLANNING LIBRARIANS, MONTICELLO, ILLINOIS. MARCH, 1968, 7P.
NR-D8-00-000-00899	HANDBOOK OF AIR POLLUTION. REPORT NO. PHS-PUB-999-AP-44. JAMES P. SHEEHY, WILLIAM C. ACHINGER, AND REGINA A. SIMON, NATIONAL CENTER FOR AIR POLLUTION CONTROL, DURHAM, N.C. 1969, 231P. PB-190247 N70-34070
NR-D8-00-000-01090	MENSURATION AND REDUCTION ACCURACY AND PRECISION STANDARDS APPLICABLE TO AN INTEGRATED, WORLDWIDE, TOPOGRAPHIC SYSTEM. REPORT NO. USAETL-58-TR. NATHAN FISHEL, U.S. ARMY ENGINEER TOPOGRAPHIC LABS., FORT BELVOIR, VIRGINIA. MARCH 1970, 20P. MICROFICHE AND HARD COPY. AD-707430 N70-37890
NR-D8-00-000-01107	FORMULA FOR GROWTH - HOW TO MAKE AN INDUSTRIAL SITE SURVEY. ECONOMIC DEVELOPMENT ADMINISTRATION, WASHINGTON, D.C. OCT. 1969, 30P. PB-193 553
NR-D8-00-000-01154	PIECEWISE APPROXIMATION OF FUNCTIONS OF TWO VARIABLES AND ITS APPLICATION IN TOPOGRAPHICAL DATA REDUCTION. REPORT NO. TR-86. THEODOSIOS PAVLIDIS, PRINCETON UNIVERSITY, COMPUTER SCIENCE LABORATORY, PRINCETON, N.J. SEPT. 1970, 30P. AD-713986

SUBJECT RELATED DOCUMENTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D8-00-000-01155	COMPRESSION OF TOPOGRAPHICAL DATA APPLICATIONS. REPORT NOS. AROD-8244-3-A, AND TR-31. THEODOSIOS PAVLIDIS, PRINCETON UNIVERSITY, INFORMATION SCIENCES AND SYSTEMS LABORATORY, PRINCETON, NEW JERSEY. MARCH 1970, 52P. CONTRACT NO. DAHC04-69-C-0035. MICROFICHE AND HARD COPY. AD-706222 N70-38171
NR-D8-00-000-01161	TOPOGRAPHIC DATA BANK. DEAN T. EDSON, U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIVISION, WASHINGTON, D.C. PRESENTED AT - AMERICAN SOCIETY OF PHOTOGRAMMETRY/PRS SYMPOSIUM ON COMPUTATIONAL PHOTOGRAMMETRY, ALEXANDRIA, VIRGINIA, JAN. 1970, 4P.
NR-D8-00-000-01216	INTEGRAL EQUATION FORMULATIONS OF SCATTERING FROM TWO-DIMENSIONAL INHOMOGENEITIES IN A CONDUCTIVE EARTH. FINAL REPORT, PART 1. REPORT NO. NASA-CR-110910. JOHN ROBERT PARRY, UNIVERSITY OF CALIFORNIA, SPACE SCIENCES LAB., BERKELEY, CALIF. AUG. 1969, 216P. SPACE SCIENCES LABORATORY (UNIVERSITY OF CALIFORNIA, BERKELEY) SERIES 11, ISSUE 46. CONTRACT NO. NAS2-5078, MICROFICHE COPY. N71-10783
NR-D8-GH-998-01516	THE LOOK OF OUR LAND--AN AIRPHOTO ATLAS OF THE RURAL UNITED STATES - THE EAST AND SOUTH. U.S. DEPT. OF AGRICULTURE, ECONOMIC RESEARCH SERVICE, WASHINGTON, D.C. APRIL 1971, 99P. AVAILABLE - U.S. GOVT. PRINTING OFFICE \$1.25. USDA AGRICULTURE HANDBOOK 406
NR-D8-00-000-01523	CHANGES IN THE CARBON-DIOXIDE CONTENT OF THE ATMOSPHERE - A GLOBAL AIR POLLUTION PROBLEM. REPORT NO. NLL-M-9147-(5828.4P). B. BOLIN, ADDRESS UNKNOWN. NATIONAL LENDING LIBRARY FOR SCIENCE AND TECHNOLOGY, BOSTON SPA, ENGLAND. (PRICE - 1 NLL PHOTOCOPY COUPON). TRANSL FROM - STATENS NATURVETENSKAPLIGA FORSKNINGSRADS (STOCKHOLM) 1966. PP.134-146. N71-12864

## SECTION D9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-D9-00-000-00008	FIVE PAPERS ON REMOTE SENSING AND URBAN INFORMATION SYSTEMS. WILLIAM L. GARRISON, AZRIEL ROSENFELD, ET AL. TECHNICAL REPORT NO. 1, DEPARTMENT OF GEOGRAPHY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. APRIL 1966. CONTRACT NUMBER NONR 1228(37).
NR-D9-00-000-00012	A MODEL FOR THE AREAL PATTERN OF RETAIL AND SERVICE ESTABLISHMENTS WITHIN AN URBAN AREA. MICHAEL F. DACEY, NORTHWESTERN UNIVERSITY, DEPARTMENT OF GEOGRAPHY, URBAN AND TRANSPORTATION INFORMATION SYSTEMS, TECHNICAL REPORT NO. 2. APRIL 1966. CONTRACT NO. NONR-1228(37)
NR-D9-00-000-00020	THE STRUCTURE OF TRANSPORTATION NETWORKS. PREPARED BY THE TRANSPORTATION CENTER, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS, FOR THE U.S. ARMY, TRANSPORTATION RESEARCH COMMAND, FORT EUSTIS, VIRGINIA. TREC TECHNICAL REPORT 62-11 MAY 1962. CONTRACT NO. DA-44-177-TC-685. STAR N62-15685.

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-HJ-176-00038	ORTHOPHOTOGRAPHY - AN OPTIMUM DATA BASE. GEORGE L. LOELKES, JR., RAYTHEON CO., ALEXANDRIA, VA. PAPER PRESENTED AT THE AMERICAN SOCIETY OF PHOTOGRAMMETRY, AND AMERICAN CONGRESS OF SURVEYING AND MAPPING, PORTLAND, OREGON, SEPT. 1969. CONVENTION PROCEEDINGS P.P.149-172.
NR-D9-00-000-00042	SPATIAL DATA SYSTEMS: ORGANIZATION OF SPATIAL DATA TECH. REPORT NO. 4. KENNETH DUEKER, DEPARTMENT OF GEOGRAPHY, NORTHWESTERN UNIVERSITY, EVANSTON, ILL. JUNE 18, 1967. CONTRACT NO. NONR 1228(37) STAR N67-31145.
NR-D9-00-000-00043	SPATIAL DATA SYSTEMS: SYSTEMS CONSIDERATIONS TECH. REPORT NO. 5. KENNETH DUEKER, DEPARTMENT OF GEOGRAPHY, NORTHWESTERN UNIVERSITY, EVANSTON, ILL. JUNE 18, 1967. CONTRACT NO. NONR 1228(37)
NR-D9-00-000-00044	SPATIAL DATA SYSTEMS: SPECIAL TOPICS. TECHNICAL REPORT NO. 6. KENNETH J. DUEKER, DEPARTMENT OF GEOGRAPHY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. DECEMBER 1966. CONTRACT NUMBER NONR 1228(37). STAR N69-74769
NR-D9-HJ-176-00063	STUDY OF REACTIONS OF SULFUR IN STACK PLUMES. FIRST ANNUAL REPORT, APRIL 1967 - APRIL 1968. REPORT NO. GCA-TR-68-19-G. A.W. BERGER, C.E. BILLINGS, ET AL., GCA CORP., TECHNOLOGY DIV., BEDFORD, MASS. MARCH 1969. CONTRACT NO. PH-86-67-125
NR-D9-FK-000-00064	THE VERTICAL DISTRIBUTION OF PARTICULATE MATTER NEAR THE SURFACE OF THE EARTH. JAMES M. ROSEN, SCHOOL OF PHYSICS AND ASTRONOMY, UNIVERSITY OF MINNESOTA, MINNEAPOLIS, MINNESOTA. PUBLISHED IN JOURNAL OF THE AIR POLLUTION CONTROL ASSOCIATION, VOL. 19, NO. 2, FEB. 1969. PP.106-108. MICROFICHE AND HARD COPY.
NR-D9-00-000-00115	HIGHWAYS AND RESOURCES WITH CONSERVATION AND PRESERVATION. WILLIAM T. PRYOR, U.S. DEPT. OF TRANSPORTATION, WASHINGTON, D.C. PAPER PRESENTED AT AMERICAN PHOTOGRAMMETRIC SOCIETY AND AMERICAN CONGRESS OF SURVEYING AND MAPPING, PORTLAND, OREGON. SEPT. 1969, PP.242-250.
NR-D9-00-000-00123	ORGANIZATION OF THE CONVEYANCE OF SATELLITE INFORMATION INTO BANKS OF GEOGRAPHIC CHARTS. V.G. KONSTANTINOVA, USSR. TRANSLATED FROM GIDROMETEOROLOGICHESKIY NAUCHNO-ISSLEDOVATELSKIY TSENTR SSSR. TRUDY, NO. 11, 1967. PP.169-174. MICROFICHE COPY. STAR N70-14796.
NR-D9-00-000-00162	MECHANISMS OF AEROSOL PARTICLE DISPERSION IN THE FREE ATMOSPHERE. TRANSLATED FROM RUSSIAN. G.M. PETROVA, ET AL., USSR, SEPTEMBER 1969. MICROFICHE COPY. STAR N70-15127.
NR-D9-00-000-00163	AERIAL ANALYSIS OF VEGETATION IN ARID ZONES. REPORT NO. FSTC-HT-23-735-68. B.V. VINOGRADOV, USSR. 1966-RUSSIAN, 1969-TRANSLATION. MICROFICHE COPY. STAR N70-23326.
NR-D9-EJ-000-00165	PHYSICAL GEOGRAPHY AND MILITARY ENVIRONMENT IN A TRANSECT OF THE UTAH AND COLORADO ROCKIES. ARMY NATICK LABS. SERIES ES-46. REPORT NO. TR-69-73-ES. WILL F. THOMPSON, U.S. ARMY NATICK LABS., NATICK, MASS. MAY 1969. MICROFICHE COPY. STAR N70-11799.
NR-D9-00-000-00190	AIRBORNE DUST COLLECTIONS OVER THE NORTH ATLANTIC. D.W. PARKIN, ET AL., SCHOOL OF PHYSICS, BATH UNIVERSITY, BATH, ENGLAND. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 9, MARCH 1970. PP.1782-1793.
NR-D9-00-000-00203	NEW ACHIEVEMENTS IN THE USE OF AERIAL PHOTOGRAPHY FOR THE GEOGRAPHIC STUDY OF THE TERRAIN. L.M. GOLDMAN, CENTRAL SCIENTIFIC RESEARCH INSTITUTE FOR GEODESY, USSR. PUBLISHED IN ISPOLZOVANIYE TOPOGRAFICHESKIKH KARTOGRAFICHESKIKH ISSLEDOVANIY, MOSCOW, 1958, PP.31-36. MICROFICHE COPY. STAR N64-11350.



- | ACCESSION NUMBER   | DESCRIPTION  |
|--------------------|--|
| NR-D9-00-000-00208 | ADVANCED PHOTOGAMMETRIC TECHNIQUES FOR HIGHWAY INTERCHANGE GEOMETRY. FINAL TECHNICAL REPORT, MARCH 1967-JAN. 1969. KAILASH C. CHOPRA, OHIO STATE UNIVERITY, COLUMBUS, OHIO. JAN. 1969. MICROFICHE COPY. STAR N70-13424.  |
| NR-D9-GJ-000-00215 | USING AN AIRBORNE INFRARED IMAGING SYSTEM TO LOCATE SUB-SURFACE COAL FIRES IN CULM BANKS. W.M. KNUTH, HFB-SINGER, INC., ENVIRONMENTAL SCIENCES BRANCH, STATE COLLEGE, PA. PUBLISHED IN PENNSYLVANIA ACADEMY OF SCIENCE, PROCEEDINGS, VOL. 42, 1969. PP.152-156.  |
| NR-D9-00-000-00231 | USE OF SIDE-LOOKING AIRBORNE RADAR IMAGERY FOR ENGINEERING SOILS STUDIES. FINAL TECHNICAL REPORT. DAVID J. BARR, SCHOOL OF CIVIL ENGINEERING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. JUNE 1968. PREPARED FOR GEOGRAPHIC SCIENCES DIV., U.S. ARMY ENGINEER TOPOGRAPHIC LABORATORIES, FORT BELVOIR, VIRGINIA. CONTRACT NUMBER DA-44-009-AMC-1847(X). STAR N69-40170  |
| NR-D9-GJ-043-00238 | OPTICAL-CORRELATION SPECTROMETRY FOR REMOTE SENSING OF AIR POLLUTION. DR. A.R. BARRINGER, BARRINGER RESEARCH LTD., REXDALE, ONTARIO, CANADA. AT SYMPOSIUM ON OPTICAL IDENTIFICATION OF AIR POLLUTANTS, OPTICAL SOCIETY OF AMERICA, SPRINT MEETING, APRIL 1970. ABSTRACT ONLY. (PAPER IS NOT SCHEDULED FOR PUBLICATION)   |
| NR-D9-00-000-00244 | AERIAL PHOTOGRAPHY FOR DETERMINING LAND USE. V.G. PANSF, V.V.R. MURTY, ET AL., INSTITUTE OF AGRICULTURAL RESEARCH STATISTICS, NEW DELHI, INDIA. PUBLISHED IN SOCIETY OF AGRICULTURAL STATISTICS, VOL. 19, NO. 2, DEC. 1967. PP.25-35.  |
| NR-D9-00-000-00248 | ABSORPTION SPECTROSCOPY EXPERIMENT - REMOTE SENSING OF TRACE GASES FROM ORBITAL ALTITUDES. FINAL REPORT, TR-68-56. BARRINGER RESEARCH LIMITED, ONTARIO, CANADA. FEBRUARY 1968. CONTRACT NUMBER NAS 9-7241. STAR N68-21948.   |
| NR-D9-00-000-00262 | PHOTOGAMMETRY AS AN AID TO CANADIAN ECONOMIC AND TECHNICAL DEVELOPMENT. AFIFI H. SOLIMAN, MCMASTER UNIVERSITY, HAMILTON, ONTARIO, CANADA. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.  |
| NR-D9-00-000-00267 | PICTOMAPS GO SOUTH OF THE BORDER. SAMUEL T. ALVARADO, U.S. ARMY INTER AMERICAN GEODETIC SURVEY, FORT CLAYTON, CANAL ZONE. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.  |
| NR-D9-00-000-00286 | APPLICATION OF COLOR-COMBINED MULTIPLE POLARIZATION RADAR IMAGES TO GEOSCIENCE PROBLEMS. CRES TECHNICAL REPORT 61-27. D.S. SIMONETT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. PUBLISHED IN COMPUTER APPLICATIONS IN THE EARTH SCIENCES: COLLOQUIUM ON CLASSIFICATION PROCEDURES, COMPUTER CONTRIBUTION 7, P 19-23, 1966. STATE GEOLOGICAL SURVEY, UNIVERSITY OF KANSAS, LAWRENCE. STAR N69-30696 |
| NR-D9-00-000-00287 | IMPLEMENTATION OF PATTERN RECOGNITION TECHNIQUES AS APPLIED TO GEOSCIENCE INTERPRETATION. CRES TECHNICAL REPORT 61-28. G.W. DALKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. PUBLISHED IN COMPUTER APPLICATIONS IN THE EARTH SCIENCES: COLLOQUIUM ON CLASSIFICATION PROCEDURES, COMPUTER CONTRIBUTION 7, P 24-29, 1966. STATE GEOLOGICAL SURVEY, UNIVERSITY OF KANSAS, LAWRENCE.                  |

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-00-000-00292	FUTURE AND PRESENT NEEDS OF REMOTE SENSING IN GEOGRAPHY. CRES REPORT 61-12. D.S. SIMONETT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. A PAPER PRESENTED TO THE FOURTH SYMPOSIUM ON REMOTE SENSING OF THE ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, APRIL 1966. STAR N66-37521.
NR-D9-00-000-00296	ORBITAL REMOTE SENSORS - DATA PROCESSING FOR GEOSCIENCE INVESTIGATIONS. CRES TECHNICAL REPORT 61-29. G.W. DALKE AND J.W. ROUSE, JR., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR 17-004-003. AMERICAN ASTRONAUTICAL SOCIETY SYMPOSIUM, TRANSACTIONS, VOLUME 11, JUNE 1967, P MM-23-1 TO MM-23-20.
NR-D9-00-000-00302	USE OF ORBITAL RADARS FOR GEOSCIENCE INVESTIGATIONS. CRES TECHNICAL REPORT 61-8. J.W. ROUSE, JR., W.P. WAITE AND R.L. WALTERS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC, ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR 17-004-003. PRESENTED AT THE THIRD SPACE CONGRESS MEETING, COCOA BEACH, FLORIDA, MARCH 1965, PUBLISHED IN THE PROCEEDINGS, P 77-94.
NR-D9-EJ-998-00326	POTENTIAL RESEARCH AND EARTH RESOURCES STUDIES WITH ORBITING RADARS - RESULTS OF RECENT STUDIES. RICHARD K. MOORE AND DAVID SIMONETT, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. PRESENTED AT THE AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 4TH, ANAHEIM, CALIF., OCT. 1967, AIAA PAPER NO. 67-767. GK-1153, N62305-67-C-0044, AND 14-08-0001-10848. PUBLISHED AS AIAA PAPER NO. 67-767, 4TH ANNUAL MEETING AND TECHNICAL DISPLAY, OCTOBER 23-27, 1967, ANAHEIM, CALIFORNIA. MICROFICHE AND HARD COPY. A67-42936
NR-D9-00-000-00328	LAND EVALUATION STUDIES WITH REMOTE SENSORS IN THE INFRARED AND RADAR REGIONS. D.S. SIMONETT, UNIVERSITY OF KANSAS, DEPARTMENT OF GEOGRAPHY, LAWRENCE, KANSAS. CONTRACT NUMBER USGS 14-08-0001-10848. REPRINTED FROM LAND EVALUATION, PAPERS OF A CSIRO SYMPOSIUM ORGANIZED IN COOPERATION WITH UNESCO, AUGUST 26-31, 1968.
NR-D9-EJ-000-00332	ANGEL'S EYE VIEW OF ARIZONA. HERBERT A. TIEDEMANN, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. PUBLISHED IN ARIZONA HIGHWAYS, V.45, NO.4, APRIL 1969, PAGES 10-31.
NR-D9-00-000-00348	TEOTIHUACAN, MEXICO, AND ITS IMPACT ON REGIONAL DEMOGRAPHY. PUBLISHED IN SCIENCE, VOL. 162, NO. 3856, P.872-877, NOV. 22, 1968. JEFFREY R. PARSONS, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN.
NR-D9-FJ-996-00360	POTENTIAL CONTRIBUTION OF ORBITAL EARTH RESOURCES DATA TO URBAN PLANNING. CHARLES T.N. PALUDAN, NASA/HUNTSVILLE, ALA. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY AND OPERATIONS RESEARCH SOCIETY OF AMERICA, JOINT MEETING, DENVER, COLO., JUNE 1969, AAS PAPER 69-483. A69-42837. MICROFICHE COPY.
NR-D9-00-000-00377	AERIAL AND ORBITAL IMAGES IN URBAN ENVIRONMENT STUDIES. FRANK J. WOBBER, INTERNATIONAL BUSINESS MACHINES CORP. FEDERAL SYSTEMS DIVISION, BETHESDA, MARYLAND. JULY 1969. PHOTOGRAPHIC APPLICATIONS IN SCIENCE, TECHNOLOGY AND MEDICINE. VOL. 3, NO. 12, PP.21-27.
NR-D9-00-000-00391	RADIATION MEASUREMENTS OVER SIMULATED PLANE SOURCES. F.J. DAVIS AND P.W. REINHARDT, OAK RIDGE NATIONAL LABORATORY, OAK RIDGE, TENNESSEE. PUBLISHED IN HEALTH PHYSICS, V.8, JUNE 1962, P.233-243.

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-EJ-998-00403	TERRESTRIAL MULTISPECTRAL PHOTOGRAPHY. AFCL-67-0076. J.P. CRONIN, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, BEDFORD, MASSACHUSETTS. CONTRACT NUMBER R22-13-012. STAR N67-27656.
NR-D9-FH-175-00419	A STUDY OF AIR POLLUTION SOURCES AS VIEWED BY EARTH SATELLITES. DARRYL RANDERSON, DEPARTMENT OF METEOROLOGY, TEXAS A + M UNIVERSITY, COLLEGE STATION, TEXAS. REPRINTED FROM APCA JOURNAL, VOL. 18, NO. 4, APRIL 1968. PP.249-253.
NR-D9-00-000-00422	REMOTE MULTISPECTRAL SENSING OF EARTH RESOURCES. ENGINEERING RESEARCH REPORT NO. 660206, REVISION A. ROMAN K.C. JOHNS AND WILL CONNELL, HYCON, MONROVIA, CALIFORNIA. DEC. 2, 1968.
NR-D9-EJ-998-00425	ENVIRONMENTAL STUDIES USING EARTH ORBITAL PHOTOGRAPHY. F.J. WOBBER, IBM CORP., FEDERAL SYSTEMS DIV., GAITHERSBURG, MD. PUBLISHED IN PHOTOGRAMMETRIA, 24 (1969) P.107-165).
NR-D9-GJ-998-00429	RESOURCE SURVEY BY SATELLITE, SCIENCE FICTION COMING TRUE. R.N. COLWELL, UNIVERSITY OF CALIFORNIA, SCHOOL OF FORESTRY, BERKELEY, CALIFORNIA. V.I. MYERS, AGRICULTURAL RESEARCH SERVICE, WESLACO, TEXAS, ET AL. PUBLISHED IN YEARBOOK OF AGRICULTURE 1968. PP.13-19.
NR-D9-00-000-00433	REMOTE DETECTION OF TERRAIN FEATURES FROM NIMBUS I HIGH RESOLUTION INFRARED RADIOMETER NIGHTTIME MEASUREMENTS. REPORT NO. TN D-4603. JEAN POUQUET, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JULY 1968.
NR-D9-EJ-998-00435	AERIAL AND ORBITAL IMAGES IN URBAN ENVIRONMENT STUDIES. FRANK J. WOBBER, IBM, FEDERAL SYSTEMS CENTER, GAITHERSBURG, MARYLAND. PUBLISHED IN PHOTOGRAPHIC APPLICATIONS IN SCIENCE, TECHNOLOGY AND MEDICINE, VOL. 3, NO. 13, JULY-SEPT. 1969. PART I, PP.21-27, PART II, PP.33-39.
NR-D9-00-000-00438	SPACE PHOTOGRAPHY FOR THE GEOGRAPHIC STUDY OF THE EARTH. B.V. VINOGRADOV, TRANSLATED FROM BULLETIN OF THE ALL UNION GEOGRAPHIC SOCIETY, NO. 2, 1966, PP.101-111. STAR N68-17540.
NR-D9-FJ-000-00445	REMOTE AND IN SITU TEMPERATURE MEASUREMENTS OF LAND AND WATER SURFACES. WILLIAM E. MARLATT, COLORADO STATE UNIV., FORT COLLINS, COLORADO. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 6, APRIL 1967. PP.272-279.
NR-D9-00-000-00514	RUSSIAN DATA ON SPECTRAL REFLECTANCE OF VEGETATION, SOIL AND ROCK TYPES. FINAL TECHNICAL REPORT. DIETER STEINER AND THOMAS GUTERMANN, UNIVERSITY OF ZURICH, DEPT. OF GEOGRAPHY, ZURICH, SWITZERLAND. NOVEMBER 1966. STAR X67-21462.
NR-D9-00-000-00530	EXPERIENCE OF ORGANIZATION AND METHODS OF TOPOGRAPHIC INTERPRETA--ETC. (U) N.A. STUPIN, U.S. AIR FORCE, AERONAUTICAL CHART AND INFORMATION CENTER, CARTOGRAPHY DIV., ST. LOUIS, MISSOURI. REPRINTED FROM GEODEZITA I KARTOGRAF'IYA, 1966. PP.43-46. MICROFICHE COPY. STAR N69-15910.
NR-D9-00-000-00533	A COMPARISON OF MICRODENSITOMETRY AND TV WAVEFORM ANALYSIS AS EXPRESSIONS OF OBSERVED LANDSCAPE, ETC. NELSON R. NUNNALLY, FLORIDA ATLANTIC UNIVERSITY, DEPT. OF GEOGRAPHY, BOCA RATON, FLORIDA. AUGUST 1968. CONTRACT NUMBER NONR 4761(00). MICROFICHE AND HARD COPY. STAR N68-35378

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-00-000-00534	WAVEFORM ANALYSIS OF GEOGRAPHIC PATTERNS RECORDED ON VISIBLE AND INFRARED IMAGERY. RICHARD E. WITNER, FLORIDA ATLANTIC UNIVERSITY, DEPT. OF GEOGRAPHY, BOCA RATON, FLORIDA. SEPT. 1967. CONTRACT NO. NONR 4761(00). MICROFICHE COPY. STAR N68-11140.
NR-D9-00-000-00551	METEOROLOGY AND URBAN AIR POLLUTION. ROBERT A. MCCORMICK ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WASHINGTON, D.C. PUBLISHED IN METEOROLOGICAL ORGANIZATION BULLETIN, VOL. 18, NO. 3, JULY 1969. PP.155-165.
NR-D9-00-000-00610	GROUND TEMPERATURE UNDER NATURAL AND MAN-MADE RESERVOIRS IN THE IGARKA REGION. S.G. TSVETKOVA, USSR. TRANSLATED FROM MATERIALY K UCHENIIA O MERZLYKH ZONAKH ZEMNOI KORY. PUBLISHED BY AKADEMIIA NAUK SSSR, INSTITUT MERZLOTOVEDENIA, MOSCOW, 1961. PP.36-65. STAR N70-15002. MICROFICHE COPY.
NR-D9-00-000-00611	USE OF COLOR AERIAL PHOTOGRAPHY FOR PAVEMENT EVALUATION STUDIES IN MAINE. TECHNICAL PAPER 68-6R. E.G. STOECKELER, MAINE STATE HIGHWAY COMMISSION, MATERIALS AND RESEARCH DIV., AUGUSTA, MAINE. NOVEMBER 1968. STAR N69-35418.
NR-D9-00-000-00616	THE USE OF LIDAR IN AIR POLLUTION STUDIES. P.M. HAMILTON, CENTRAL ELECTRICITY RESEARCH LABORATORIES, SURREY, ENGLAND. PUBLISHED IN AIR AND WATER POLLUTION INT. J., PERGAMON PRESS 1966. VOL. 10, PP.427-434.
NR-D9-EJ-998-00631	VARIATIONS IN THE SIZE DISTRIBUTIONS OF SULFUR-CONTAINING COMPOUNDS IN URBAN AEROSOLS. F.L. LUDWIG AND ELMER ROBINSON, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. PUBLISHED IN ATMOSPHERIC ENVIRONMENT, VOL. 2, NO. 1, JAN. 1968. PP.12-23.
NR-D9-EJ-130-00652	GROWING IMPORTANCE OF URBAN GEOLOGY. GEOLOGICAL SURVEY CIRCULAR 487. JOHN T. MCGILL, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1964.
NR-D9-00-000-00659	GEOGRAPHIC CORRELATIONS IN DISTANT EXTRAPOLATION OF INTERPRETATION CHARACTERISTICS OF LANDSCAPE ANALOGS. B.V. VINOGRADOV, USSR. TRANSLATION OF AKADEMIIA NAUK SSSR, LABORATORIYA AEROMETODOV, PRIMENENIE AERO METODOV DLYA IZUCHENIYA, 1962. PP.114-143. STAR N70-16958. MICROFICHE COPY.
NR-D9-00-000-00663	PHYSICAL GEOGRAPHY RECONNAISSANCE - WEST PAKISTAN COASTAL ZONE. RODMAN E. SNEAD, UNIVERSITY OF NEW MEXICO, DEPT. OF GEOGRAPHY, ALBUQUERQUE, NEW MEXICO. MAY 1969. CONTRACT NUMBER NONR-1575(03). MICROFICHE COPY. STAR N69-35752.
NR-D9-00-000-00667	STUDY OF THE IDENTIFICATION OF SMALL TOPOGRAPHIC OBJECTS ON LARGE-SCALE AERIAL PHOTOGRAPHS. L.M. GOLDMAN, AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AFB, OHIO. PUBLISHED IN CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. TRANSACTIONS, MOSCOW, 1964. NO. 149, PP.127-139. MICROFICHE COPY. STAR N69-35956.
NR-D9-00-000-00673	RADIOPROFILOGRAPH AND ITS APPLICATION IN AIRBORNE RADIO LEVELING. A.V. BORODIN AND A.G. IVANOV, MOSCOW, USSR. PUBLISHED IN GEODEZIYA I KARTOGRAFIYA, NO. 12, 1968. PP.36-43. STAR N69-36767.
NR-D9-00-000-00682	RADIOTRACER PROCEDURES FOR MECHANISTIC STUDIES IN AIR POLLUTION RESEARCH. REPORT NO. RI 7304. MARVIN L. WHISMAN AND BASIL DIMITRIADES, U.S. BUREAU OF MINES, BARTLESVILLE, OKLA. OCTOBER 1969. STAR N69-36536.

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-00-000-00702	COMPARATIVE WAVEFORM ANALYSIS OF MULTISENSOR IMAGERY. JAMES P. LATHAM AND RICHARD E. WITMER, FLORIDA ATLANTIC UNIVERSITY, BOCA RATON, FLORIDA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NO. 7, JULY 1967. PP.779-786. AD-657 529.
NR-D9-HJ-176-00706	SEASONAL CHANGE REVEALED BY TIME-LAPSE PHOTOGRAPHY. ROLAND J. FRODICH, ARMY NATICK LABS., NATICK, MASS. MARCH 1967. MICROFICHE COPY. STAR N67-32684.
NR-D9-GJ-124-00715	QUANTITATIVE REMOTE SENSING OF WATER POLLUTION. FRANK B. SILVESTRO, CORNELL AERONAUTICAL LAB., INC., BUFFALO, N.Y. PRESENTED AT THE 15TH ANNUAL TECHNICAL MEETING OF THE INSTITUTE OF ENVIRONMENTAL SCIENCES AT ANAHEIM, CALIFORNIA. APRIL 1969.
NR-D9-FH-998-00721	AN APPROACH TO THE DETECTION OF AIR POLLUTION FROM SPACE. F.F. GORSCHBOTH, N.W. WOODRICK, AND F.J. WOBBER, IBM FEDERAL SYSTEMS DIV., BETHESDA, MARYLAND. PRESENTED BEFORE THE 49TH ANNUAL JOINT MEETING OF THE AMERICAN GEOPHYSICAL UNION AND THE AMERICAN METEOROLOGICAL SOCIETY, WASHINGTON, D.C. APRIL 8-11, 1968.
NR-D9-00-000-00743	EXPERIENCE IN MAKING USE OF SPECTROZONAL PHOTOGRAPHS IN A TOPOGRAPHIC SURVEY ON A 1:25,000 SCALE. REPORT NO. FSTC-HT-23-669-68. B.I. IGNATYEV, RUSSIA. TRANSLATION OF GEODEZIYA I KARTOGRAFIYA (USSR) NO. 1, JAN. 1967. PP.43-45. MICROFICHE COPY.
NR-D9-00-000-00748	APPLICATION OF PHOTOGRAMMETRY TO AIR POLLUTION RESEARCH. S.A. VERESS, UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON. PRESENTED AT AMERICAN SOCIETY OF PHOTOGRAMMETRY, PORTLAND, OREGON, SEPT. 1969, PAPERS, PP.341-357.
NR-D9-00-000-00752	THE ROLE OF SOILS IN THE INTERPRETATION OF ARID-ZONE LANDSCAPES FROM AERIAL PHOTOGRAPHS. REPORT NUMBER FSTC-HT-23-492-69. YU. S. TOLCHELNIKOV, USSR. 1969. MICROFICHE COPY. STAR N70-11798.
NR-D9-00-000-00762	ORL EXPERIMENT PROGRAM. VOL. B, PART 4 - GEOGRAPHY. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEBRUARY 1966. CONTRACT NUMBER NASW-1215. STAR N66-17050.
NR-D9-00-000-00765	ORL EXPERIMENT PROGRAM. VOL. B, PART 6 - COMMUNICATIONS AND NAVIGATION/TRAFFIC CONTROL. IBM CORP., FEDERAL SYSTEMS DIV. ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17052.
NR-D9-00-000-00771	ORL EXPERIMENT PROGRAM. VOL. B, PART 12 - BIOSCIENCE. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEBRUARY 1966. CONTRACT NUMBER NASW-1215. STAR N66-17058.
NR-D9-00-000-00786	THE ROLE OF CLIMATE IN THE DISTRIBUTION OF VEGETATION. JOHN R. MATHER, C.W. THORNTWHAITE ASSOCIATES, ELMER, NEW JERSEY. PUBLISHED IN ANNALS OF THE AMERICAN GEOGRAPHERS, VOL. 58, NO. 1, MARCH 1968. PP.29-41.
NR-D9-00-000-00842	THE METEOROLOGY AND VERTICAL DISTRIBUTION OF POLLUTANTS IN AIR POLLUTION EPISODES IN PHILADELPHIA. FRANCIS K. DAVIS, AND HERMAN NEWSTEIN, DREXEL INSTITUTE OF TECHNOLOGY AND WFIL-TV, PHILADELPHIA, PA. PUBLISHED IN ATMOSPHERIC ENVIRONMENT, VOL. 2, NO. 6, NOV. 1968. PP.559-574.
NR-D9-EJ-000-00843	ON THE GENERALITY OF CORRELATION OF ATMOSPHERIC AEROSOL MASS CONCENTRATION AND LIGHT SCATTER. ROBERT J. CHARLSON, NORMAN C. AHLQUIST, ET AL., UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON. PUBLISHED IN ATMOSPHERIC ENVIRONMENT, VOL. 2, NO. 5, SEPT. 1968. PP.455-464.



TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-GJ-043-00858	APPLICATION OF THE LIDAR TO AIR POLLUTION MEASUREMENTS. EARL W. BARRETT AND ODED BEN-DOV, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 6, JUNE 1967. PP.500-515.
NR-D9-00-000-00865	ECOLOGICAL POTENTIALS IN SPECTRAL SIGNATURE ANALYSIS. R.M. HOFFER, AND C.J. JOHANNSEN, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, LAFAYETTE, INDIANA. REPRINTED FROM REMOTE SENSING IN ECOLOGY, 1969. JOURNAL PAPER NO. 3479.
NR-D9-00-000-00884	AN IMPROVED POLARIMETER FOR ATMOSPHERIC RADIATION STUDIES. T.A. HARIHARAN, INSTITUTE OF GEOPHYSICS AND PLANETARY PHYSICS, UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIFORNIA. PUBLISHED IN JOURNAL OF SCIENTIFIC INSTRUMENTS (JOURNAL OF PHYSICS E) SERIES 2, VOL. 2, NO. 12, DEC. 1969. PP.1135-1137.
NR-D9-00-000-00900	ANTHILL INFESTATIONS. M.P. MEYER, UNIVERSITY OF MINNESOTA, ST. PAUL, MINNESOTA, AND E.J. WOLFORK, CONCEPCION DEL URUGUAY, ARGENTINA. REPRINTED FROM PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NOV. 1967. PP.1247-1249.
NR-D9-EJ-130-00914	RESULTS OF AIRBORNE SURVEY OF NO2 AND SO2 OVER LOS ANGELES BASIN. NASA CR 92376. HARRINGER RESEARCH LIMITED, REXDALE, ONTARIO, CANADA. SEPTEMBER 1968. CONTRACT NUMBER NAS9-7956 REPORT NO. TR-68-68. STAR N69-10810.
NR-D9-00-000-00921	THE MODIFICATION OF PLANET EARTH BY MAN. GORIXON J.F. MACDONALD, UNIVERSITY OF CALIFORNIA, SANTA BARBARA, CALIF. PUBLISHED IN TECHNOLOGY REVIEW, VOL. 72, OCT.-NOV. 1969. PP.26-35. A70-11045.
NR-D9-00-000-00925	STUDY OF DATA SOURCES AND PROCESSING FOR RADAR LAND MASS SIMULATION. FINAL REPORT, JAN.-DEC. 1968. PATRICK D. FLIGOR, TECHNOLOGY INC., DAYTON, OHIO. STAR N70-10465. MICROFICHE COPY.
NR-D9-00-000-00965	COLOR INFRARED FILM - A BOON TO GEOGRAPHERS WHO FLY. ROBERT W. PEASE, UNIVERSITY OF CALIFORNIA, RIVERSIDE, CALIFORNIA. ABSTRACT IN ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL. 59, NO. 1, MARCH 1969. P.199.
NR-D9-00-000-00966	THE DIRECT MEASUREMENT OF ATMOSPHERIC LIGHT SCATTERING COEFFICIENT FOR STUDIES OF VISIBILITY AND POLLUTION. ROBERT J. CHARLSON, HELMUTH HORVATH, ET AL., UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON. PUBLISHED IN ATMOSPHERIC ENVIRONMENT, VOL. 1, 1967. PP.469-478.
NR-D9-EJ-210-00967	THERMAL INFRARED IMAGERY AND ITS APPLICATION TO STRUCTURAL MAPPING IN SOUTHERN CALIFORNIA. FLOYD F. SABINS, JR., CHEVRON OIL FIELD RESEARCH CO., LA HABRA, CALIFORNIA. PUBLISHED IN GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 80, MARCH 1969. PP.397-404.
NR-D9-GJ-000-01000	AERIAL PHOTOGRAPHY APPLIED TO TRAFFIC STUDIES. W.F. HOWES AND R.D. MILES, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING REPRINTS, CE-209, JULY 1964.

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-00-000-01005	CONCENTRATION AND SIZE DISTRIBUTION MEASUREMENTS OF ATMOSPHERIC AEROSOLS AND A TEST OF THE THEORY OF SELF-PRESERVING SIZE DISTRIBUTIONS. WILLIAM E. CLARK, BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO AND KENNETH T. WHITBY, UNIVERSITY OF MINNESOTA, MINNEAPOLIS, MINNESOTA. REPRINTED FROM JOURNAL OF ATMOSPHERIC SCIENCES, VOL. 24, NO. 6, NOV. 1967. PP.667-687.
NR-D9-00-000-01012	EXPERIMENTAL APPLICATIONS OF MULTIBAND PHOTOGRAPHY IN URBAN RESEARCH. ERIC G. MOORE AND BARRY S. WELLAR, DEPT. OF GEOGRAPHY, NORTHWESTERN UNIVERSITY, CHICAGO, ILL. REPRINT FROM ILLINOIS STATE ACADEMY OF SCIENCE, TRANSACTIONS, VOL. 61, NO. 1, 1968. PP.80-88.
NR-D9-00-000-01016	AERIAL AND BORE-HOLE THERMAL SURVEYS AT COAL MINE FIRES, PA. ROBERT M. MOXHAM, GORDON W. GREENE, ET AL., U.S. GEOLOGICAL SURVEY, ARLINGTON, VA. ABSTRACT IN MINING ENGINEER, VOL. 19, NO. 12, 1968. P.35
NR-D9-RJ-000-01019	AERIAL PHOTOGRAPHY AS A METHOD FOR THE COMPLEX STUDY OF THE LANDSCAPE OF SEMI-DESERTS AND DRY STEPPES. V.A. NIKOLAEV, AND Z.G. RYABTSEVA, USSR. TRANSLATION OF AKADEMIIA NAUK SSSR LABORATORIIA AEROMETODOV PRIMENENIE AEROMETODOV LAND-SHAFTNYKH ISSLEDOVANIYA, 1965. PP.105-119. AD-695 723. MICROFICHE COPY. STAR N70-15125
NR-D9-GJ-046-01070	RURAL LAND USE ANALYSIS VIA EKTACHROME INFRARED PHOTO INTERPRETATION. TECHNICAL REPORT 4. JOHN DAVID SAMOL, EAST TENNESSEE STATE UNIVERSITY, JOHNSON CITY, TENN. 1968. CONTRACT NO. N33314-67-A-0102-001.
NR-D9-00-000-01091	DRIVE ON POLLUTION EXPECTED TO WIDEN APPLICATIONS OF LASERS IN SPECTROSCOPY. PUBLISHED IN LASER FOCUS, VOL. 6, NO. 3, MARCH 1970.
NR-D9-00-000-01102	STUDIES IN THE APPLICATION OF REMOTE SENSING TO HISTORICAL GEOGRAPHY. TECHNICAL REPORT 2. NICHOLAS C. CRAWFORD, EAST TENNESSEE STATE UNIVERSITY, JOHNSON CITY, TENNESSEE. CONTRACT NO. N00014-67-A-0102-0001.
NR-D9-00-000-01183	THE MOVEMENT OF BARCHAN DUNES MEASURED BY AERIAL PHOTOGRAMMETRY. HERMAN J. FINKEL, ISRAEL INSTITUTE OF TECHNOLOGY, HAIFA, ISRAEL. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 27, NO. 3, 1961. PP.439-444.
NR-D9-00-000-01196	MAIN TRENDS IN THE APPLICATION OF AIRPHOTO METHODS TO GEOGRAPHICAL RESEARCH IN THE U.S.S.R. - A REVIEW OF PUBLICATIONS, 1962-1964. B.V. VINOGRADOV, ACADEMY OF SCIENCES, LENTINGRAD, USSR. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 23, MAY 1968. PP.77-94. A68-34720.
NR-D9-WJ-000-01199	AERIAL SURVEY - COLONY OF HONG KONG. H.G. DAWE, HUNTING SURVEYS LTD. PUBLISHED IN PHOTOGRAMMETRIC RECORD, VOL. 6, NO. 34, OCT. 1969. PP.335-347.
NR-D9-GH-164-01215	A MULTISPECTRAL SURVEY OF A COASTAL-INTRACOASTAL ENVIRONMENT. RICHARD E. WITMER, FLORIDA ATLANTIC UNIVERSITY, BOCA RATON, FLORIDA. TECHNICAL REPORT NO. 5, CONTRACT NO. NONR 4761(00). AD-667 610.
NR-D9-GH-164-01219	INSTRUMENTED GEOGRAPHIC ANALYSIS OF MULTISENSOR IMAGERY. JAMES P. LATHAM, FLORIDA ATLANTIC UNIVERSITY, BOCA RATON, FLORIDA. PRESENTED AT THE INTERNATIONAL GEOGRAPHIC CONGRESS, 21ST, NEW DELHI, INDIA, DEC. 1968, SECTION IX - CARTOGRAPHY AND PHOTOGEOGRAPHY.

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-EJ-130-01246	INFRARED SPECTROSCOPY AND INFRARED LASERS IN AIR POLLUTION RESEARCH AND MONITORING. PHILIP L. HANST, NASA ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASSACHUSETTS. IN - APPLIED SPECTROSCOPY, VOL. 24, NO. 2, MARCH/APRIL 1970. PP.161-174. A70-29106.
NR-D9-00-000-01288	THE APPLICATIONS OF OPTICAL CORRELATION TECHNIQUES TO THE IN-STACK MEASUREMENT OF SO2 USING INCANDESCENT LIGHT SOURCES AND THE REMOTE SENSING OF SO2 PLUMES USING SKY LIGHT. A.J. MOFFAT, J.R. ROBBINS, R.M. WATTS, AND M. MILLAN, BARRINGER RESEARCH LTD., REXDALE, ONTARIO, CANADA. AT SYMPOSIUM ON ADVANCES IN INSTRUMENTATION FOR AIR POLLUTION CONTROL, CINCINNATI, OHIO, MAY 1969.
NR-D9-GJ-043-01304	THE PROBLEMS AND POTENTIAL IN MONITORING POLLUTION FROM SATELLITES. A.R. BARRINGER, J.H. DAVIES, AND A.J. MOFFAT, BARRINGER RESEARCH LTD., REXDALE, ONTARIO, CANADA. AT THE AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970. PAPER 70-305. A70-22875.
NR-D9-00-000-01334	SPECTORADIOMETRIC DETECTION OF EFFLUENTS. REPORT NO. PNE-954. R.L. LYNN AND D.G. CRANDALL, EDGERTON, GERBESHAUSEN AND GRIER, INC., SANTA BARBARA, CALIF. MICROFICHE COPY. N70-21519.
NR-D9-DK-000-01406	AIRPHOTO INTERPRETATIONS OF LAND USE IN THE CENTRAL INTERIOR OF BRITISH COLUMBIA, 1945 TO 1955. REPORT NO. 57/12. L.E. PHILPOTTS, CANADA DEPT. OF AGRICULTURE, ECONOMICS DIV., OTTAWA, ONTARIO, CANADA. JUNE 1957.
NR-D9-FK-000-01407	THE USE OF THE AERIAL PHOTO IN THE CHANGE OF LAND USE IN SOUTHWESTERN SASKATCHEWAN. REPORT NO. 57/20. L.E. PHILPOTTS, CANADA DEPT. OF AGRICULTURE, ECONOMICS DIV., OTTAWA, ONTARIO, CANADA. AUG. 1957.
NR-D9-GK-000-01408	AERIAL PHOTO INTERPRETATION OF LAND USE CHANGES. STUDY NO. 8. BACKGROUND STUDIES FOR RESOURCE DEVELOPMENT IN THE TWEED FOREST DISTRICT, ONTARIO. REPORT NO. AE.-63-418. ONTARIO AGRICULTURAL COLLEGE, DEPT. OF AGRICULTURE ECONOMICS, GUELPH, CANADA. 1963.
NR-D9-GK-000-01409	STUDY OF LAND-USE CHANGES IN DARLING TOWNSHIP (4 COLOR PLATES AND LETTER OF EXPLANATION) L.E. PHILPOTTS, CANADA DEPT. OF AGRICULTURE, ECONOMICS DIV., OTTAWA, ONTARIO, CANADA. 1964.
NR-D9-FJ-238-01419	THE STORM CHARACTERISTICS OF THE LUBBOCK TORNADO. REPORT NO. PROP. 0-41. UNIVERSITY OF ST. THOMAS, HOUSTON, TEXAS AUG. 1970.
NR-D9-FJ-238-01420	INVESTIGATION OF THE LUBBOCK TORNADO PERISHABLE DAMAGE. REPORT NO. ISR-0-15. JOSEPH L. GOLDMAN, TOSHIMITSU USHIJIMA, AND GEORGE REYNOLDS, INSTITUTE FOR STORM RESEARCH, UNIVERSITY OF ST. THOMAS, HOUSTON, TEXAS. 1970.
NR-D9-00-000-01440	A METHODOLOGY FOR THE AUTOMATED PHOTO-IDENTIFICATION OF RURAL LAND USE TYPES. DIETER STEINER, ZURICH UNIVERSITAT, ZURICH, SWITZERLAND, DEPT. OF GEOGRAPHY. IN AUTOMATIC INTERPRETATION AND CLASSIFICATION OF IMAGES, NATO, SUMMER SCHOOL, PIZA-TIRRENIA, ITALY, SEPT. 1968, PROCEEDINGS. 1969. PP.235-241. A70-28108

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-00-000-01448	WAVES, TURBULENCE, AND INSECTS AS SEEN BY ULTRA-HIGH RESOLUTION RADAR. REPORT NO. TR-13. DAVID ATLAS, CHICAGO UNIVERSITY, CHICAGO, ILLINOIS, AND JUERGEN H. RICHTER, AND EARL E. GOSSARD, NAVAL ELECTRONICS LABORATORY CENTER, SAN DIEGO, CALIF. OCT. 1969. CONTRACT NUMBER GRANT N00014-67-A-0285-0007. MICROFICHE AND HARD COPIES. AD-705 622 N70-33921
NR-D9-EJ-130-01463	APPLICATION OF REMOTE SENSORS TO THE CLASSIFICATION OF AREAL DATA AT DIFFERENT SCALES - A CASE STUDY IN HOUSING QUALITY. ERIC G. MOORE, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, NO. 2, MARCH 1970. PP.109-121. CONTRACT NO. 14-08-0001-10654.
NR-D9-00-000-01474	ON THE USE OF BISTATIC LIDAR IN THE STUDY OF ATMOSPHERIC AEROSOLS. J.A. REAGAN, B.M. HERMAN, AND R.J. SPIEGEL, UNIVERSITY OF ARIZONA, TUCSON, ARIZONA. IN IEEE, ANNUAL SOUTHWESTERN CONFERENCE AND EXHIBITION, 22ND, DALLAS, TEXAS, APRIL 1970, TECHNICAL PAPERS. PP.526-530. A70-32609.
NR-D9-00-000-01482	LAND USE AND NATURAL RESOURCES INVENTORIES. REPORT NO. PAPER AAS 69-573. D.V. BELCHER, CORNELL UNIVERSITY, ITHACA, N.Y. AMERICAN ASTRONAUTICAL SOCIETY NATIONAL MEETING, OCT. 1969, 18P.
NR-D9-00-000-01499	DAS LAND-SYSTEM-KONZEPT UND DAS MUSTER ('PATTERN') IN DER LUFTBILD-INTERPRETATION. (THE LAND-SYSTEM CONCEPT AND PATTERN IN AERIAL PHOTOINTERPRETATION). ERNST REINER, NIEDER-GELPE IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, SEPT. 1, 1970, PP.303-306. IN GERMAN. A70-41401
NR-D9-00-000-01505	DAS LANDSCHAFTLICHE GEFUGE IM LUFTBILD (LANDSCAPE STRUCTURE IN AERIAL PHOTOS). HEINZ FISCHER, INSTITUT FUR LANDESKUNDE, BONN-BAD GODESBERG, WEST GERMANY. NATURWISSENSCHAFTLICHE RUNDSCHAU, BD. 23, HEFT 4, APRIL 1970, PP.143-151. A70-27237
NR-D9-00-000-01541	AIR PHOTOGRAPH INTERPRETATION IN SITE INVESTIGATION FOR ROADS. A.N. BURTON, SENIOR GEOLOGIST, HUNTING GEOLOGY AND GEOPHYSICS LTD. IN ROADS AND ROAD CONSTRUCTION, VOL. 47, NO. 5551, MARCH 1969. PP.72-76.
NR-D9-00-000-01549	DETECTION OF LINEAR CULTURAL FEATURES WITH MULTIPOLARIZED RADAR IMAGERY. REPORT NO. CRES REPRINT 118-4. ANTHONY J. LEWIS, HAROLD C. MACDONALD, AND DAVID S. SIMONETT, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, UNIV. OF KANSAS, LAWRENCE, KANSAS. IN INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICH., OCT. 1969, PROCEEDINGS, VOL. 2. PP.879-893. CONTRACT NOS. W-12589, AND TASK NO. 160-75-01-32-10.
NR-D9-00-000-01591	AERIAL PHOTOGRAPHIC INTERPRETATION AND LAND USE CLASSIFICATION. A.P. GWYNN, REGIONAL PLANNING COUNCIL, BALTIMORE, MD. APRIL 1968, 60P. MICROFICHE COPY. PB-182 117 N69-21230
NR-D9-00-000-01595	EXPERIENCE IN THE APPLICATION OF SPECTROZONAL AERIAL PHOTOGRAPHS FOR TOPOGRAPHIC INTERPRETATION. REPORT NOS. JPRS-37361, AND TT-66-33790. V. ZH. SHOYVANOV, JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. AUG. 1966, 11P. TRANSLATION OF - GEODEZIYA I KARTOGRAFIYA (MOSCOW), NO. 6, JUNE 1966. PP.48-51. MICROFICHE COPY. N66-35989

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-00-000-01597	DATA SYSTEMS REQUIREMENTS FOR GEOGRAPHIC RESEARCH. W.L. GARRISON, NORTHWESTERN UNIVERSITY, EVANSTON, ILL., AND R. ALEXANDER, OFFICE OF NAVAL RESEARCH, ET AL., NORTHWESTERN UNIVERSITY, DEPARTMENT OF GEOGRAPHY, EVANSTON, ILL. DEVELOPMENT OF GEOGRAPHIC INFORMATION SYSTEMS, TECH. REPT. NO. 1. IN SCIENTIFIC EXPERIMENTS FOR MANNED ORBITAL FLIGHT, GODDARD MEMORIAL SYMPOSIUM, 3RD, WASHINGTON, D.C., MARCH 1965, PROCEEDINGS (AAS SCIENCE AND TECHNOLOGY SERIES, VOL. 4). PP.139-151. CONTRACT NOS. NONR 1228(35), AND NONR 1228(37). A66-21522 N66-82094
NR-D9-EJ-998-01609	URBAN TEXTURE AND URBAN QUALITY ASSESSMENT IN REMOTELY SENSED IMAGERY. JACK J.O. PALGEN, ALLIED RESEARCH ASSOCIATES, INC., LATHAM, MARYLAND. PRESENTED AT SPIE TECHNICAL SYMPOSIUM, 15TH ANNUAL, ANAHEIM, CALIFORNIA, SEPT. 1970. 10P.
NR-D9-00-000-01611	DETERMINATION OF MOTION AND DEFLECTION OF RETAINING WALLS. PART I. THEORETICAL CONSIDERATION. FINAL TECHNICAL REPORT. S.A. VERESS, AND GERIE DEGROSS, UNIVERSITY OF WASHINGTON, DEPT. OF CIVIL ENGINEERING, SEATTLE, WASH. JUNE 1970, 64P. PB-194150
NR-D9-00-000-01621	THE MEASUREMENT OF SOLAR SPECTRAL IRRADIANCE AT DIFFERENT TERRESTRIAL ELEVATIONS. E.G. LAUE, CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LABORATORY, PASADENA, CALIF. IN SOLAR ENERGY, VOL. 13, APRIL 1970. PP.43-57. A70-42599
NR-D9-FJ-238-01630	LUBBOCK TORNADOES OF 11 MAY 1970. REPORT NOS. NASA-CR-110786, AND SMRP-RP-88. TETSUYA THEODORE FUJITA, UNIVERSITY OF CHICAGO, SATELLITE AND MESOMETEOROLOGY RESEARCH PROJECT, CHICAGO, ILL. JULY 1970, 24P. CONTRACT NOS. GRANTS MGR-14-001-008, AND ESSA-E-198-68(G). MICROFICHE COPY. N70-42362
NR-D9-GJ-046-01635	THE FEASIBILITY OF USING REMOTE SENSORS FOR GEOGRAPHIC RESEARCH. FINAL REPORT. REPORT NOS. FR-1, AND NASA-CR-111109. ROBERT W. PEPLIES, EAST TENNESSEE STATE UNIVERSITY, REMOTE SENSING INSTITUTE, JOHNSON CITY, TENN. MAY 1970, 73P. CONTRACT NO. N00014-67-A-0102-0001. MICROFICHE AND HARD COPY. AD-707815 N71-10348
NR-D9-DJ-998-01704	ANALYSIS OF DATA DENSITY AND STORAGE REQUIREMENTS FOR HIGH RESOLUTION RADAR SIMULATION SYSTEM DESIGN. FINAL REPORT, FEB. 69-FEB. 70. REPORT NO. AFRL-TR-70-12. PATRICK D. FLIGOR, TECHNOLOGY INC., DAYTON, OHIO. JUNE 1970, 141P. CONTRACT NO. F33615-69-C-1363. MICROFICHE AND HARD COPIES. AD-711385 N71-10665
NR-D9-00-000-01730	TECHNIQUES FOR DETERMINATION OF TERRAIN ANALOGS. REPORT NO. AEWES-CR-3-25. GEORGE E. STOERTS, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. NOV. 1957, 85P. MICROFICHE COPY. AD-716975
NR-D9-FJ-194-01791	DEVELOPING REMOTE SENSING DISPLAY MODES TO SATISFY URBAN PLANNING DATA INPUT NEEDS. REPORT NOS. TR-71-1, AND INTERAGENCY REPT. USGS-207. THOMAS B. GRIFFITHS, WILLIAM A. HOWARD, JAMES B. KRACHT, DEPT. OF GEOGRAPHY, UNIV. OF DENVER, DENVER, COLO. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. JAN. 1971, 45P. CONTRACT NOS. W-13165, AND 14-08-0001-11979.
NR-D9-GH-164-01793	AN INVESTIGATION OF REMOTE SENSING OF VACANT AND UNUTILIZED LAND IN AN URBANIZED COASTAL AREA OF SOUTHEAST FLORIDA. REPORT NO. INTERAGENCY REPT. USGS-201. L. ALAN EYRE, DEPT. OF GEOGRAPHY, FLORIDA ATLANTIC UNIV., BOCA RATON, FLORIDA. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. AUG. 1969, 36P. CONTRACT NOS. W-12570, AND 14-08-0001-10936.

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-GJ-043-01809	EVALUATION AND CONCLUSIONS OF ASSESSING AND IMPROVEMENT CONTROL BY AERIAL ASSESSMENT AND INTERPRETATION METHODS. R.L. REX, SIDWELL STUDIO, INC., WEST CHICAGO, ILLINOIS. 1963, 15P.
NR-D9-00-000-01811	SPEKTRALE REMISSION UNBEWACHSENER BODEN ALS FAKTOR BEI DER LUFTBILDINTERPRETATION. (SPECTRAL REFLECTANCE OF UNCOVERED SOILS AS A FACTOR IN PHOTOINTERPRETATION). ELMAR MINNUS, RIKETS ALLMANNA KARTVERK, STOCKHOLM, SWEDEN. SELBSTVERLAG DER BUNDESANSTALT FUR LANDESKUNDE UND RAUMFORSCHUNG, BAD GODESBERG, WEST GERMANY. 1967, 44P. IN GERMAN, PREFACE AND SUMMARY ALSO IN ENGLISH AND FRENCH. GEOGRAPHISCHE LUFTBILDINTERPRETATION 2.
NR-D9-GJ-000-01815	DOWNTOWN TORONTO - A LOOK AT AN AIR PHOTO. J. SPELT, UNIVERSITY OF TORONTO. IN CANADIAN GEOGRAPHER, VOL. 10, 1966, NO. 3. PP.184-189.
NR-D9-00-000-01820	RADAR, GEOGRAPHIC TOOL. ROBERT B. SIMPSON, DARTMOUTH COLLEGE, HANOVER, NEW HAMPSHIRE. IN ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL. 16, MARCH 1966. PP.80-96.
NR-D9-EJ-114-01821	SPACE PHOTOGRAPHY AND ITS GEOGRAPHICAL APPLICATIONS. J. BRIAN BIRD, AND A. MORRISON, MCGILL UNIVERSITY, MONTREAL, CANADA. IN GEOGRAPHICAL REVIEW, VOL. 54, MARCH 1964. PP.463-486.
NR-D9-GJ-046-01823	THE DERIVATION OF TRADE AREAS AND TRAFFIC FLOWS FROM REMOTE SENSING IMAGERY. REPORT NO. TR-15. ROBERT B. HONEA, DEPT. OF GEOGRAPHY, EAST TENNESSEE STATE UNIVERSITY, REMOTE SENSING INSTITUTE, JOHNSON CITY, TENNESSEE. 1968, 23P. CONTRACT NO. ONR CONTRACT N00014-67-A-0102-0001.
NR-D9-00-000-01836	AIR-PHOTOGRAPH INTERPRETATION FOR ROAD ENGINEERS IN BRITAIN. REPORT NO. RRL-LR369. M.J. DUMBLETON, AND G. WEST, ROAD RESEARCH LAB., CROWTHORNE, ENGLAND. 1970, 28P. PB-197602
NR-D9-HJ-187-01837	PRODUCTION OF HIGH ALTITUDE LAND USE MAP AND DATA BASE FOR BOSTON. REPORT NO. IR-USGS-205. ROBERT B. SIMPSON, DEPT. OF GEOGRAPHY, DARTMOUTH COLLEGE, HANOVER, NEW HAMPSHIRE. DEC. 1970, 44P. CONTRACT NOS. W-13165, AND 14-08-0001-12640
NR-D9-FJ-000-01843	APPLICATION OF AIR PHOTO INTERPRETATION TECHNIQUES TO PROBLEMS IN URBAN AND REGIONAL PLANNING. ROBERT F. WELLS, (M.S. THESIS). OKLAHOMA STATE UNIVERSITY, STILLWATER, OKLA.
NR-D9-00-000-01858	INVESTIGATING THE DECODABILITY OF SMALL TOPOGRAPHIC OBJECTS IN LARGE-SCALE AERIAL PHOTOGRAPHY. REPORT NO. FTD-HC-23-671-70. L.M. GOLDMAN, ADDRESS UNKNOWN. AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO. JAN. 1971, 17P. TRANSL. OF - TSENTRALNI NAUCHNO-ISSLEDOVATELSKII INSTITUT GEODEZII, AEROSENKI I KARTOGRAFII, TRUDY (USSR) NO. 149, 1964. PP.127-139. MICROFICHE COPY. AD-720765
NR-D9-00-000-01875	AIR SURVEY IN ECONOMIC DEVELOPMENT. ROLT HAMMOND, AMERICAN ELSEVIER PUBLISHING CO., INC., N.Y., 1967, 254P. \$8.50.
NR-D9-EJ-998-02118	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-118. REMOTE SENSOR IMAGERY IN URBAN RESEARCH - SOME POTENTIALITIES AND PROBLEMS. ERIC G. MOORE AND BARRY S. WELLAR, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. MAY 1968. CONTRACT NO. 14-08-0001-10654. N68-25554

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-GJ-043-02119	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-119. GENERATION OF HOUSING QUALITY DATA FROM MULTIBAND AERIAL PHOTOGRAPHS. BARRY S. WELLAR, DEPARTMENT OF GEOGRAPHY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. MAY 1968. CONTRACT NUMBER 14-08-0001-10654. N68-25878
NR-D9-GJ-043-02120	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-120. UTILIZATION OF MULTIBAND AERIAL PHOTOGRAPHS IN URBAN HOUSING QUALITY STUDIES. BARRY S. WELLAR, NORTHWESTERN UNIVERSITY, DEPARTMENT OF GEOGRAPHY, EVANSTON, ILLINOIS. MAY 1968. CONTRACT NUMBER 14-08-0001-10654. N68-25422
NR-D9-00-000-02126	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-126. LAND EVALUATION STUDIES WITH REMOTE SENSORS IN THE INFRARED AND RADAR REGIONS. DAVID S. SIMONETT, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. JULY 1968. CONTRACT NUMBER W-12589. N69-75042.
NR-D9-00-000-02130	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-130. EVALUATION OF MULTIPLE POLARIZED RADAR IMAGERY FOR THE DETECTION OF SELECTED CULTURAL FEATURES. ANTHONY J. LEWIS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1968. CONTRACT NUMBER W-12589. N69-28151 CRES TR 61-20.
NR-D9-00-000-02131	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-131. USES OF CONVENTIONAL AERIAL PHOTOGRAPHY IN URBAN AREAS: REVIEW AND BIBLIOGRAPHY. ASHRAF S. MANJI, NORTHWESTERN UNIVERSITY, DEPARTMENT OF GEOGRAPHY, EVANSTON, ILLINOIS. SEPTEMBER 1968. CONTRACT NUMBER W-12570. N69-28596
NR-D9-00-000-02135	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-135. THERMAL INFRARED IMAGERY IN URBAN STUDIES. BARRY S. WELLAR, NORTHWESTERN UNIVERSITY, DEPARTMENT OF GEOGRAPHY, EVANSTON, ILLINOIS. DECEMBER 1968. CONTRACT NUMBER R-09-020-024. N69-14344
NR-D9-00-000-02138	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-138. SIDE-LOOKING RADAR IN URBAN RESEARCH: A CASE STUDY. ERIC G. MOORE, NORTHWESTERN UNIVERSITY, DEPARTMENT OF GEOGRAPHY, EVANSTON, ILLINOIS. OCTOBER 1968. CONTRACT NUMBER R-09-020-024. N69-16108
NR-D9-GJ-165-02148	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-148. VEGETATIVE CHANGES CAUSED BY FIRE IN THE FLORIDA FLATWOODS AS OBSERVED BY REMOTE SENSING. W.T. MEALOR, JR., AND MERLE C. PRUNTY, JR., UNIVERSITY OF GEORGIA, DEPT. OF GEOGRAPHY, ATHENS, GEORGIA. CONTRACT NUMBER R-09-020-024(A/1).
NR-D9-EJ-140-02150	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-150. MULTI-SPECTRAL TECHNIQUES FOR GENERAL GEOLOGICAL SURVEYS EVALUATION OF A FOUR-BAND PHOTOGRAPHIC SYSTEM. DWIGHT F. CROWDER, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. MARCH 1969. CONTRACT NUMBER R-090-020-011.
NR-D9-QJ-000-02151	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-151. SATELLITE CONFIRMATION OF SETTLEMENT SIZE COEFFICIENT. WALDO R. TOBLER, UNIVERSITY OF MICHIGAN, DEPT. OF GEOGRAPHY, ANN ARBOR, MICHIGAN. MAY 1969. CONTRACT NUMBER R-09-020-024.
NR-D9-EJ-130-02152	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-152. MAPPING MONTANE VEGETATION IN SOUTHERN CALIFORNIA FROM COLOR INFRARED IMAGERY. RICHARD A. MINNICH, LEONARD W. BOWDEN, AND ROBERT W. PEASE, UNIVERSITY OF CALIFORNIA, DEPT. OF GEOGRAPHY, RIVERSIDE, CALIFORNIA. AUGUST 1969. CONTRACT NUMBERS 09-020-024 AND W-12570.

TECHNICAL REPORTS - GEOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-D9-EJ-130-02153	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-153. ANALYSIS OF URBAN RESIDENTIAL ENVIRONMENTS USING COLOR INFRARED AERIAL PHOTOGRAPHY - AN EXAMINATION OF SOCIO-ECONOMIC VARIABLES AND PHYSICAL CHARACTERISTICS OF SELECTED AREAS IN THE LOS ANGELES BASIN. ROBERT H. MULLENS, UNIVERSITY OF CALIF., DEPT. OF GEOGRAPHY, LOS ANGELES CALIFORNIA. (WITH ADDENDUM) AN APPLICATION OF THE CONCEPTS OF THE LOS ANGELES RESIDENTIAL ENVIRONMENT STUDY TO THE ONTARIO-UPLAND REGION OF CALIFORNIA. LESLIE W. SENGER, UNIVERSITY OF CALIFORNIA, DEPT. OF GEOGRAPHY, LOS ANGELES, CALIFORNIA. MAY 1969. CONTRACT NUMBER W-12570.
NR-D9-00-000-02154	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-154. GEOGRAPHIC APPLICATIONS PROGRAM. REPORTS COMPLETED AND IN PREPARATION. ROBERT H. ALEXANDER, U.S. GEOLOGICAL SURVEY, GEOGRAPHIC APPLICATIONS PROGRAM, WASHINGTON, D.C. AUGUST 1969. CONTRACT NUMBER W-12570.
NR-D9-EJ-998-02156	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-156. GEOGRAPHIC ANALYSIS OF MULTIPLE SENSOR DATA FROM THE NASA/USGS EARTH RESOURCES PROGRAM. RICHARD F. PASCUCCI, GARY W. NORTH, ET AL., RAYTHEON CO., AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. MAY 1969. CONTRACT NUMBER W-12589.
NR-D9-HJ-176-02163	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-163. GEOGRAPHIC EVALUATION OF RADAR IMAGERY OF NEW ENGLAND. ROBERT B. SIMPSON, DARTMOUTH COLLEGE, DEPT. OF GEOGRAPHY, HANOVER, NEW HAMPSHIRE. SEPTEMBER 1969. CONTRACT NUMBER W-12572.
NR-D9-DK-156-02194	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-194. THE USE OF AIR PHOTO MOSAICS AS SIMULATORS OF SPACECRAFT PHOTOGRAPHY IN LAND USE MAPPING. TECHNICAL REPORT 69-1. R.D. RUDD AND R.M. HIGHSMITH, JR., OREGON STATE UNIVERSITY, DEPT. OF GEOGRAPHY, CORVALLIS, OREGON. JANUARY 1970. CONTRACT NUMBERS W-12572 AND 14-08-0001-12009. PB194 811, REPT. NO. USGS-DO-70-008
NR-D9-EJ-130-02211	REMOTE SENSING IN COUNTY PLANNING - A CASE HISTORY FROM LOS ANGELES COUNTY. REPORT NO. INTERAGENCY REPT. USGS-211. LEONARD W. BOWDEN, AND DARRYL R. COFFING, DEPT. OF GEOGRAPHY, UNIV. OF CALIFORNIA, RIVERSIDE. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. JAN. 1970, 13P. CONTRACT NOS. W-12572, AND 14-08-0001-12009.

Reproduced from  
best available copy.





# **GEOLOGY**

# GEOLOGY

## SECTION E1 - SITE MAPS

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-E1-EJ-002-00003	SITE 002-PISGAH CRATER, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-002-00004	SITE 002-PISGAH CRATER, CALIFORNIA	DETAIL	17 X 22
NR-E1-EJ-002-00145	SITE 002-PISGAH CRATER, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-003-00005	SITE 003-MONO CRATERS, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-003-00025	SITE 003-MONO CRATERS, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-003-00036	SITE 003-MONO CRATERS, CALIFORNIA	DETAIL	17 X 22
NR-E1-EJ-003-00106	SITE 003-MONO CRATERS, CALIF. SITE 019-SONORA PASS, CALIF.	REGIONAL	17 X 22
NR-E1-EJ-003-00191	SITE 019-SONORA PASS, CALIFORNIA SITE 003-MONO CRATERS, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-003-00192	SITE 003-MONO CRATERS, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-006-00006	SITE 006-SALT LAKE (SALT LAKE DIST.) UTAH	DETAIL	17 X 22
NR-E1-EJ-011-00031	SITE 011-YELLOWSTONE NAT'L. PARK, WYO./MONT./IDAHO	DETAIL	17 X 22
NR-E1-EJ-011-00032	SITE 011-YELLOWSTONE NAT'L. PARK, WYO./MONT./IDAHO	REGIONAL	17 X 22
NR-E1-EJ-019-00039	SITE 019-SONORA PASS, CALIFORNIA	DETAIL	17 X 22
NR-E1-EJ-019-00106	SITE 003-MONO CRATERS, CALIF. SITE 019-SONORA PASS, CALIF.	REGIONAL	17 X 22
NR-E1-EJ-019-00191	SITE 019-SONORA PASS, CALIFORNIA SITE 003-MONO CRATERS, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-022-00180	SITE 022-TONOPAH, NEVADA SITE 075-GOLDFIELD, NEVADA	REGIONAL	17 X 22
NR-E1-DJ-024-00035	SITE 024-SAN ANDREAS FAULT, CALIF.	REGIONAL	17 X 22
NR-E1-EJ-027-00254	SITE - IMPERIAL VALLEY, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-029-00008	SITE 029-PHOENIX, ARIZ.	DETAIL	17 X 20
NR-E1-EJ-031-00009	SITE 031-WILCOX DRY LAKE, ARIZ.	DETAIL	17 X 20
NR-E1-DK-040-00010	SITE 040-CASCADE MTNS. (CASCADE GLACIER SITE), WASHINGTON.	DETAIL	17 X 20
NR-E1-FK-041-00164	SITE 041-MESABI RANGE, MINNESOTA	REGIONAL	17 X 22
NR-E1-EJ-051-00013	SITE 051-MESQUITE SEDIMENTARY, ARIZ.	REGIONAL	17 X 22
NR-E1-EJ-051-00014	SITE 051-MESQUITE SEDIMENTARY, ARIZ.	DETAIL	17 X 22
NR-E1-EJ-051-00114	SITE 051-MESQUITE SEDIMENTARY, ARIZ.	REGIONAL	17 X 22

SITE MAPS - GEOLOGY

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-E1-EJ-051-00144	SITE 051-MESQUITE SEDIMENTARY, ARIZ.	REGIONAL	17 X 22
NR-E1-EJ-052-00038	SITE 052-NEVADA AEC	REGIONAL	17 X 22
NR-E1-EJ-052-00172	SITE 052-NEVADA AEC	REGIONAL	17 X 22
NR-E1-DJ-056-00099	SITE 056-MT. LASSEN, CALIFORNIA	REGIONAL	17 X 22
NR-E1-DJ-056-00181	SITE 056-MT. LASSEN, CALIFORNIA	REGIONAL	17 X 22
NR-E1-DJ-056-00185	SITE 056-MT. LASSEN, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-072-00015	SITE 072-COSO HOT SPRINGS, CALIF.	DETAIL	17 X 22
NR-E1-EJ-072-00169	SITE 072-COSO HOT SPRINGS, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-075-00180	SITE 022-TONOPAH, NEVADA SITE 075-GOLDFIELD, NEVADA	REGIONAL	17 X 22
NR-E1-GJ-079-00118	SITE 079-MATEWAN, KENTUCKY	REGIONAL	17 X 22
NR-E1-EJ-114-00034	SITE 114-WHITE SANDS, N.M.	REGIONAL	17 X 22
NR-E1-EJ-114-00043	SITE 114-WHITE SANDS, N.M.	REGIONAL	17 X 22
NR-E1-EJ-114-00058	SITE 114-WHITE SANDS, N.M.	REGIONAL	17 X 22
NR-E1-EJ-114-00059	SITE 114-WHITE SANDS, N.M.	DETAIL	17 X 22
NR-E1-GK-126-00165	SITE 126-MARQUETTE/REPUBLIC TROUGHS, MICHIGAN	REGIONAL	17 X 22
NR-E1-FJ-129-00123	SITE 129-ARKANSAS BASIN	REGIONAL	17 X 22
NR-E1-FJ-129-00124	SITE 129-ARKANSAS BASIN	REGIONAL	17 X 22
NR-E1-EJ-130-00254	SITE - IMPERIAL VALLEY, CALIFORNIA	REGIONAL	17 X 22
NR-E1-GJ-141-00119	SITE 141-CHARLESTON/COLUMBIA, S.C.	REGIONAL	17 X 22
NR-E1-GJ-141-00120	SITE 141-CHARLESTON/COLUMBIA, S.C.	REGIONAL	17 X 22
NR-E1-GJ-141-00121	SITE 141-CHARLESTON/COLUMBIA, S.C.	REGIONAL	17 X 22
NR-E1-GJ-141-00122	SITE 141-CHARLESTON/COLUMBIA, S.C.	REGIONAL	17 X 22
NR-E1-GJ-150-00078	SITE 150-PAMLICO SOUND, N.C.	REGIONAL	17 X 22
NR-E1-GJ-150-00141	SITE 150-PAMLICO SOUND, N.C.	REGIONAL	17 X 22
NR-E1-GJ-153-00086	SITE 153-ANNAPOLIS, MARYLAND	DETAIL	17 X 22
NR-E1-EJ-154-00146	SITE 154-AMBOY CRATER, CALIFORNIA	REGIONAL	17 X 22
NR-E1-EJ-157-00254	SITE - IMPERIAL VALLEY, CALIFORNIA	REGIONAL	17 X 22
NR-E1-GH-164-00247	SITE 164-BOCA RATON/BELLE GLADE, FLA.	REGIONAL	17 X 22
NR-E1-GH-165-00250	SITE 165-DESERET/ST. MARKS, FLORIDA	REGIONAL	17 X 22
NR-E1-FJ-178-00226	SITE 178-MILL CREEK, OKLAHOMA	REGIONAL	17 X 22
NR-E1-EJ-180-00234	SITE 180-GARNET MOUNTAIN, ARIZONA	REGIONAL	17 X 22
NR-E1-EJ-183-00235	SITE 183-LORDSBURG, NEW MEXICO	REGIONAL	17 X 22
NR-E1-FH-701-00259	SITE 701-EL ORO/TIALPUAHUA, MEXICO	REGIONAL	17 X 22
NR-E1-FH-702-00260	SITE 702-IXTLAN DE LOS HERVORES/ LOS NEGRITOS, MEXICO	REGIONAL	17 X 22

# SECTION E2 - SITE DESCRIPTIONS

ACCESSION NUMBER	DESCRIPTION
NR-E2-EJ-001-00001	SITE 001-CEDAR CITY (IRON SPRINGS), UTAH
NR-E2-EJ-002-00002	SITE 002-PISGAH CRATER, CALIFORNIA
NR-E2-EJ-004-00003	SITE 004-CARRIZO PLAINS, CALIFORNIA
NR-E2-EJ-005-00004	SITE 005-EUREKA (TINTIC DISTRICT), UTAH
NR-E2-EJ-006-00005	SITE 006-SALT LAKE (SALT LAKE DIST.), UTAH
NR-E2-EJ-009-00007	SITE 009-SAN FRANCISCO DIST., UTAH
NR-E2-EJ-010-00008	SITE 010-CARSON CITY (COMSTOCK DISTRICT), NEVADA
NR-E2-EJ-011-00009	SITE 011-YELLOWSTONE NAT'L. PARK, WYO/MONT./IDAHO
NR-E2-EJ-015-00010	SITE 015-TWIN BUTTES (PIMA DIST.) ARIZ.
NR-E2-GJ-017-00011	SITE 017-BALTIMORE (HARFORD-YORK), MD./PA.
NR-E2-GJ-018-00012	SITE 018-HAGERSTOWN (CENTRAL APPALACHIAN PIEDMONT), MARYLAND/PENNSYLVANIA/VIRGINIA
NR-E2-EJ-019-00013	SITE 019-SONORA PASS, CALIFORNIA
NR-E2-EJ-019-00054	SITE 019-SONORA PASS, CALIFORNIA (II)
NR-E2-EJ-021-00014	SITE 021-BATTLE MTN. (RYE PATCH RES./RUBY MTNS.), NEVADA
NR-E2-EJ-022-00015	SITE 022-TONOPAH, NEV.
NR-E2-DJ-023-00016	SITE 023-INYO NATIONAL FOREST (WARD MTN./CRATER MTN), CALIF.
NR-E2-DJ-024-00017	SITE 024-SAN ANDREAS FAULT, CALIFORNIA
NR-E2-EJ-026-00018	SITE 026-SCRIPPS BEACH, CALIF.
NR-E2-EJ-027-00019	SITE 027-SALTON SEA, CALIF.
NR-E2-EJ-028-00020	SITE 028-WINSLOW (METEOR CRATER), ARIZONA
NR-E2-FJ-034-00021	SITE 034-OUACHITA MTNS., ARK./OKLA.
NR-E2-FJ-036-00022	SITE 036-SPANISH PEAKS, COLO.
NR-E2-EJ-038-00023	SITE 038-GREAT SAGE PLAIN (LISHON VALLEY), UTAH/COLORADO
NR-E2-DJ-050-00026	SITE 050-DONNER PASS, CALIF.
NR-E2-EJ-051-00027	SITE 051-MESQUITE SEDIMENTARY, ARIZONA
NR-E2-EJ-052-00028	SITE 052-NEVADA AEC
NR-E2-EJ-054-00029	SITE 054-SMOKE CREEK DESERT/HEBER, UTAH
NR-E2-DJ-064-00030	SITE 064-CENTRAL CASCADE RANGE, OREGON
NR-E2-HJ-070-00031	SITE 070-HOPKINTON-MILFORD/TEMPLETON/ORANGE, MASS
NR-E2-EJ-071-00032	SITE 071-HOPI BUTTES, ARIZ.
NR-E2-EJ-073-00033	SITE 073-LYNN DISTRICT, NEV.
NR-E2-EJ-075-00034	SITE 075-GOLDFIELD, NEV.
NR-E2-GJ-079-00035	SITE 079-MATEWAN, KY.

SITE DESCRIPTIONS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E2-EJ-082-00036	SITE 082-ALVORD VALLEY, ORE.
NR-E2-FJ-083-00037	SITE 083-IRONTON, MISSOURI
NR-E2-EK-089-00041	SITE 089-BLACKBIRD DIST., IDAHO
NR-E2-EK-090-00042	SITE 090-ALBERTON, MONT.
NR-E2-HH-092-00043	SITE 092-PUERTO RICO
NR-E2-GJ-094-00044	SITE 094-NE PENNSYLVANIA (PEAT BOGS)
NR-E2-EJ-101-00048	SITE 101-SAN FRANCISCO VOLCANIC FIELDS, ARIZ.
NR-E2-EJ-114-00049	SITE 114-WHITE SANDS, NEW MEXICO
NR-E2-EJ-115-00050	SITE 115-NEW MEXICO MINERAL AND STRUCTURAL BELTS
NR-E2-GJ-127-00051	SITE 127-JOHNSON COUNTY GRAVEL TEST, INDIANA
NR-E2-FJ-129-00052	SITE 129-ARKANSAS BASIN
NR-E2-EJ-139-00056	SITE 139-STEAMBOAT SPRINGS, COLO.
NR-E2-GJ-141-00060	SITE 141-CHARLESTON/COLUMBIA, S.C.
NR-E2-GJ-150-00064	SITE 150-PAMLICO SOUND, NORTH CAROLINA

## SECTION E3 AIRCRAFT MISSION REQUESTS

ACCESSION NUMBER	DESCRIPTION
NR-E3-EJ-002-00272	SITE 002-PISGAH CRATER, CALIFORNIA (1)
NR-E3-EJ-003-00065	SITE 003-MONO CRATERS, CALIFORNIA (1)
NR-E3-EJ-003-00066	SITE 003-MONO CRATERS, CALIFORNIA (2)
NR-E3-EJ-003-00206	SITE 019-SONORA PASS, CALIFORNIA (2) SITE 003-MONO CRATERS, CALIFORNIA (3) SITE 056-MT. LASSEN, CALIFORNIA (4)
NR-E3-EJ-004-00001	SITE 004-CARRIZO PLAIN, CALIFORNIA (1)
NR-E3-EJ-004-00067	SITE 004-CARRIZO PLAINS, CALIFORNIA (2) SITE 024-SAN ANDREAS FAULT, CALIFORNIA (2)
NR-E3-EJ-005-00053	SITE 005-EUREKA (TINTIC DISTRICT), UTAH (1)
NR-E3-EJ-005-00068	SITE 005-EUREKA (TINTIC DISTRICT), UTAH (2)
NR-E3-EJ-006-00002	SITE 006-SALT LAKE (SALT LAKE DISTRICT), UTAH (1)
NR-E3-EJ-007-00069	SITE 007-COAST RANGE, OREGON/WASHINGTON (2)
NR-E3-EJ-007-00070	SITE 007-COAST RANGE, OREGON/WASHINGTON (3)

AIRCRAFT MISSION REQUESTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E3-DJ-007-00071	SITE 007-COAST RANGE, OREGON/WASHINGTON (4)
NR-E3-DJ-007-00072	SITE 007-COAST RANGE, OREGON/WASHINGTON (5)
NR-E3-DJ-007-00207	SITE 007-COAST RANGE, OREGON/WASHINGTON (6)
NR-E3-EJ-010-00005	SITE 010-CARSON CITY (COMSTOCK DISTRICT), NEVADA (1)
NR-E3-EJ-011-00006	SITE 011-YELLOWSTONE NATIONAL PARK, WYOMING/MONT./IDAHO (1)
NR-E3-EJ-014-00073	SITE 014-LITTLE DRAGOON MOUNTAINS, ARIZONA (1)
NR-E3-EJ-015-00007	SITE 015-TWIN BUTTES (PIMA DISTRICT), ARIZONA (1)
NR-E3-FH-016-00074	SITE 016-SOLITARIO, TEXAS (1)
NR-E3-GJ-017-00008	SITE 017-BALTIMORE (HARFORD-YORK), MARYLAND/PENNSYLVANIA (1)
NR-E3-EJ-019-00042	SITE 019-SONORA PASS (1) (1)
NR-E3-EJ-019-00076	SITE 019-SONORA PASS, CALIFORNIA (1)
NR-E3-EJ-019-00206	SITE 019-SONORA PASS, CALIFORNIA (2) SITE 003-MONO CRATERS, CALIFORNIA (3) SITE 056-MT. LASSEN, CALIFORNIA (4)
NR-E3-EJ-021-00010	SITE 021-BATTLE MOUNTAIN (RYE PATCH RESERVOIR/RUBY MOUNTAINS), NEVADA (1)
NR-E3-EJ-021-00079	SITE 021-BATTLE MOUNTAIN (RYE PATCH RESERVOIR/RUBY MOUNTAINS), NEVADA (2)
NR-E3-EJ-022-00011	SITE 022-TONOPAH, NEVADA (1)
NR-E3-EJ-022-00080	SITE 022-TONOPAH, NEVADA (2)
NR-E3-EJ-022-00208	SITE 022-TONOPAH, NEVADA (3)
NR-E3-EJ-022-00265	SITE 022-TONOPAH, NEVADA (4)
NR-E3-EJ-022-00278	SITE 022-TONOPAH, NEVADA (5)
NR-E3-EJ-022-00279	SITE 022-TONOPAH, NEVADA (6)
NR-E3-EJ-022-00280	SITE 022-TONOPAH, NEVADA (7)
NR-E3-DJ-023-00012	SITE 023-INYO NATIONAL FOREST (WARD MOUNTAIN/CRATER MOUNTAIN), CALIFORNIA (1)
NR-E3-DJ-024-00013	SITE 024-SAN ANDREAS FAULT, CALIFORNIA (1)
NR-E3-EJ-024-00067	SITE 004-CARRIZO PLAINS, CALIFORNIA (2) SITE 024-SAN ANDREAS FAULT, CALIFORNIA (2)
NR-E3-DJ-024-00081	SITE 024-SAN ANDREAS FAULT, CALIFORNIA (3)
NR-E3-DJ-024-00082	SITE 024-SAN ANDREAS FAULT, CALIFORNIA (4)
NR-E3-DJ-024-00083	SITE 024-SAN ANDREAS FAULT, CALIFORNIA (5)
NR-E3-DJ-024-00209	SITE 024-SAN ANDREAS FAULT, CALIFORNIA (6)
NR-E3-EJ-028-00015	SITE 028-WINSLOW (METEOR CRATER), ARIZONA (1)
NR-E3-EJ-028-00086	SITE 028-WINSLOW (METEOR CRATER), ARIZONA (2)
NR-E3-EJ-030-00256	SITE 030-TUCSON, ARIZONA (1)

AIRCRAFT MISSION REQUESTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E3-FJ-034-00092	SITE 034-OUACHITA MOUNTAINS, ARKANSAS/OKLAHOMA (1)
NR-E3-EJ-038-00016	SITE 038-GREAT SAGE PLAIN (LISBON VALLEY), UTAH/COLORADO (1)
NR-E3-EK-039-00257	SITE 039-EASTERN BEAR TOOTH MOUNTAINS, WYOMING/MONTANA (1)
NR-E3-EK-039-00282	SITE 039-EASTERN BEARTOOTH MOUNTAINS, WYOMING/MONTANA (2)
NR-E3-FK-041-00098	SITE 041-MESABI RANGE, MINNESOTA (1)
NR-E3-FK-042-00099	SITE 042-OTTAWA NATIONAL FOREST (GOGEBIC RANGE), MICHIGAN (1)
NR-E3-EJ-051-00106	SITE 051-MESQUITE SEDIMENTARY, ARIZONA (1)
NR-E3-EJ-051-00107	SITE 051-MESQUITE SEDIMENTARY, ARIZONA (2)
NR-E3-EJ-052-00018	SITE 052-NEVADA ABC (1)
NR-E3-EJ-054-00019	SITE 054-SMOKE CREEK DESERT/HEBER, UTAH (1)
NR-E3-DJ-056-00108	SITE 056-MT. LASSEN, CALIFORNIA (1)
NR-E3-DJ-056-00109	SITE 056-MT. LASSEN, CALIFORNIA (2)
NR-E3-EJ-056-00206	SITE 019-SONORA PASS, CALIFORNIA (2) SITE 003-MONO CRATERS, CALIFORNIA (3) SITE 056-MT. LASSEN, CALIFORNIA (4)
NR-E3-DJ-056-00213	SITE 056-MT. LASSEN, CALIFORNIA (3)
NR-E3-DJ-064-00020	SITE 064-CENTRAL CASCADE RANGE, OREGON (1)
NR-E3-HJ-070-00021	SITE 070-HOPKINTON-MILFORD/TEMPLETON/ORANGE, MASSACHUSETTS (1)
NR-E3-EJ-071-00055	SITE 071-HOPI BUTTES, ARIZONA (1)
NR-E3-EJ-072-00022	SITE 072-COSO HOT SPRINGS, CALIFORNIA (1)
NR-E3-EJ-072-00110	SITE 072-COSO HOT SPRINGS, CALIFORNIA (2)
NR-E3-EJ-072-00111	SITE 072-COSO HOT SPRINGS, CALIFORNIA (3)
NR-E3-EJ-073-00023	SITE 073-LYNN DISTRICT, NEVADA (1)
NR-E3-EJ-073-00112	SITE 073-LYNN DISTRICT, NEVADA (2)
NR-E3-EJ-073-00113	SITE 073-LYNN DISTRICT, NEVADA (3)
NR-E3-EJ-075-00024	SITE 075-GOLDFIELD, NEVADA (1)
NR-E3-EJ-075-00114	SITE 075-GOLDFIELD, NEVADA (2)
NR-E3-EJ-075-00214	SITE 075-GOLDFIELD, NEVADA (3)
NR-E3-GJ-079-00025	SITE 079-MATEWAN, KENTUCKY (1)
NR-E3-GJ-079-00119	SITE 079-MATEWAN, KENTUCKY (2)
NR-E3-EJ-082-00026	SITE 082-ALVORD VALLEY, OREGON (1)
NR-E3-FJ-083-00027	SITE 083-IRONTON, MISSOURI (1)
NR-E3-FJ-085-00288	SITE 085-LAWRENCE, KANSAS (9)
NR-E3-EK-089-00028	SITE 089-BLACKBIRD DISTRICT, IDAHO (1)
NR-E3-EK-090-00029	SITE 090-ALBERTON, MONTANA (1)

AIRCRAFT MISSION REQUESTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E3-HH-092-00030	SITE 092-PUERTO RICO (1)
NR-E3-HH-092-00216	SITE 092-PUERTO RICO (2)
NR-E3-GJ-094-00031	SITE 094-NORTHEAST PENNSYLVANIA (PEAT BOGS) (1)
NR-E3-GJ-094-00128	SITE 094-NORTHEAST PENNSYLVANIA (PEAT BOGS) (2)
NR-E3-EJ-096-00033	SITE 096-DIXIE/FISH LAKE NATIONAL FOREST, UTAH (1)
NR-E3-EJ-101-00136	SITE 101-SAN FRANCISCO VOLCANIC FIELDS, ARIZONA (1)
NR-E3-EJ-101-00137	SITE 101-SAN FRANCISCO VOLCANIC FIELDS, ARIZONA (2)
NR-E3-GH-102-00049	SITE 102-STATENVILLE/LAKE CITY, FLORIDA, PHOSPHATE (1) SITE 103-CRYSTAL RIVER, FLORIDA (1) SITE 104-WAUCHALA/TAMPA, FLORIDA (1)
NR-E3-GH-103-00049	SITE 102-STATENVILLE/LAKE CITY, FLORIDA, PHOSPHATE (1) SITE 103-CRYSTAL RIVER, FLORIDA (1) SITE 104-WAUCHALA/TAMPA, FLORIDA (1)
NR-E3-GH-104-00049	SITE 102-STATENVILLE/LAKE CITY, FLORIDA, PHOSPHATE (1) SITE 103-CRYSTAL RIVER, FLORIDA (1) SITE 104-WAUCHALA/TAMPA, FLORIDA (1)
NR-E3-FJ-109-00037	SITE 109-SIERRA MADERA, TEXAS (1)
NR-E3-EJ-112-00038	SITE 112-NORTHEAST RANGE, COLORADO (1)
NR-E3-EJ-112-00139	SITE 112-NORTHEAST RANGE, COLORADO (2)
NR-E3-EJ-114-00039	SITE 114-WHITE SANDS, NEW MEXICO (1)
NR-E3-EJ-114-00140	SITE 114-WHITE SANDS, NEW MEXICO (2)
NR-E3-EJ-115-00048	SITE 115-NEW MEXICO MINERAL AND STRUCTURAL BELTS (1)
NR-E3-CK-126-00040	SITE 126-MARQUETTE/REPUBLIC TROUGHS, MICHIGAN (1)
NR-E3-CK-126-00145	SITE 126-MARQUETTE/REPUBLIC TROUGHS, MICHIGAN (2)
NR-E3-CK-126-00146	SITE 126-MARQUETTE/REPUBLIC TROUGHS, MICHIGAN (3)
NR-E3-CK-126-00147	SITE 126-MARQUETTE/REPUBLIC TROUGHS, MICHIGAN (4)
NR-E3-GJ-127-00047	SITE 127-JOHNSON COUNTY GRAVEL TEST, INDIANA (1)
NR-E3-GJ-127-00148	SITE 127-JOHNSON COUNTY GRAVEL TEST, INDIANA (2)
NR-E3-FJ-129-00041	SITE 129-ARKANSAS BASIN (1)
NR-E3-FJ-129-00155	SITE 129-ARKANSAS BASIN (2)
NR-E3-EJ-139-00051	SITE 139-STEAMBOAT SPRINGS, COLORADO (1)
NR-E3-EJ-140-00161	SITE 140-BISHOP, CALIFORNIA (1)
NR-E3-GJ-141-00058	SITE 141-CHARLESTON/COLUMBIA, SOUTH CAROLINA (1)
NR-E3-GJ-141-00162	SITE 141-CHARLESTON/COLUMBIA, SOUTH CAROLINA (2)
NR-E3-EJ-157-00188	SITE 157-BORREGO SPRINGS, CALIFORNIA (1)
NR-E3-EJ-157-00189	SITE 157-BORREGO SPRINGS, CALIFORNIA (2)
NR-E3-FJ-178-00238	SITE 178-MILL CREEK, OKLAHOMA (1)



AIRCRAFT MISSION REQUESTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E3-FJ-178-00298	SITE 178-MILL CREEK, OKLAHOMA (2)
NR-E3-FJ-178-00337	SITE 178-MILL CREEK, OKLAHOMA (3)
NR-E3-FJ-178-00348	SITE 178-MILL CREEK, OKLAHOMA (4)
NR-E3-FJ-178-00349	SITE 178-MILL CREEK, OKLAHOMA (5)
NR-E3-EJ-185-00266	SITE 185-BONANZA AREA, COLORADO (1)
NR-E3-EJ-185-00267	SITE 185-BONANZA AREA, COLORADO (2)
NR-E3-EJ-185-00268	SITE 185-BONANZA AREA, COLORADO (3)
NR-E3-EJ-186-00270	SITE 186-CLARKS FORK, WYOMING (1)
NR-E3-GK-196-00312	SITE 196-GRAND SABLE, MICHIGAN (1)
NR-E3-GK-196-00353	SITE 196-GRAND SABLE, MICHIGAN (2)
NR-E3-BK-221-00341	SITE 221-KATMAI NATIONAL MONUMENT, ALASKA (1)
NR-E3-FH-707-00351	SITE 707-CUATRO CIENEGAS, MEXICO (1)
NR-E3-FH-708-00352	SITE 708-SAN JOSE DE LAS RUSTIAS, MEXICO (1)

## SECTION E4 - MISSION SCREENING AND SUMMARY REPORT

ACCESSION NUMBER	DESCRIPTION
NR-E4-EJ-031-B0015	MISSION NO. 15 SITE 031
NR-E4-FJ-178-BM016	MISSION 16M, EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION REPORT-TEST SITE 178--MILL CREEK, OKLA. JUNE 22-26, 1970.
NR-E4-EJ-029-B0019	MISSION NO. 19 SITE 029
NR-E4-HK-240-BM021	MISSION NO. 21M, SITE 240
NR-E4-EJ-998-B0030	MISSION NO. 30 SITES 003, 020, 052, 019, 135
NR-E4-EJ-114-B0033	MISSION NO. 33 SITE 114
NR-E4-EJ-114-B0039	MISSION NO. 39 SITE 114
NR-E4-EJ-998-B0043	MISSION NO. 43 SITES 014, 029, 101, 114
NR-E4-EJ-998-B0044	MISSION NO. 44 SITES 051, 052, 154, 002
NR-E4-EJ-998-B0076	MISSION NO. 76 SITES 022, 056, 075
NR-E4-FJ-178-BM016	MISSION 16M, EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION REPORT-TEST SITE 178--MILL CREEK, OKLA. JUNE 22-26, 1970.
NR-E4-EJ-998-B0086	MISSION NO. 86 SITES 180, 183

MISSION SCREENING AND SUMMARY REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E4-EJ-998-A0108	MISSION 108, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 002, 022, AND 075
NR-E4-EJ-998-B0108	MISSION NO. 108 SITES 002, 022, 075
NR-E4-EJ-998-A0140	MISSION 140, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 007 AND 022
NR-E4-GF-851-A0148	MISSION 148, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 851

## SECTION E6 - DIVISION BIBLIOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-E6-EJ-998-00002	INFRARED AND ULTRAVIOLET STUDIES OF TERRESTRIAL MATERIALS STATUS REPORT, JULY 1, 1965 TO SEPTEMBER 30, 1965. STEPHEN J. GAWARECKI AND R.M. MOXHAM, U.S.G.S., WASHINGTON, D.C. CONTRACT NO. R-146.
NR-E6-EJ-998-00006	INVESTIGATION OF IN SITU PHYSICAL PROPERTIES OF SURFACE AND SUBSURFACE SITE MATERIALS BY ENGINEERING GEOPHYSICAL TECHNIQUES. PROJECT QUARTERLY REPORT, JANUARY 1, 1966 TO MARCH 31, 1966. U.S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, FLAGSTAFF, ARIZONA. NASA CONTRACT NO. T-25091 (G). STAR X69-74557.
NR-E6-00-000-00007	INFRARED AND ULTRAVIOLET STUDIES OF TERRESTRIAL MATERIALS. STATUS REPORT OCTOBER 1, 1965 TO DECEMBER 31, 1965. UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY. NASA CONTRACT NO. R-146. BY ROBERT M. MOXHAM.
NR-E6-EJ-998-00014	SEMI-ANNUAL PROGRESS REPORT. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. JANUARY 1, 1966 THROUGH JUNE 10, 1966. NASA CONTRACT NO. NGR-29-001-015 STAR X66-18637.
NR-E6-EJ-998-00015	SEMI-ANNUAL PROGRESS REPORT. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. JUNE 18, 1965 THROUGH DECEMBER 31, 1965. NASA CONTRACT NO. NGR-29-001-015. STAR X66-15810.
NR-E6-EJ-998-00020	STATISTICAL EVALUATION OF THE COMPOSITION, PHYSICAL PROPERTIES, AND SURFACE CONFIGURATION OF TERRESTRIAL TEST SITES AND THEIR CORRELATION WITH REMOTELY SENSED DATA. SEMI-ANNUAL STATUS REPORT - MARCH 31, 1966. NORTHWESTERN UNIVERSITY REPORT NUMBER 3. DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. CONTRACT NUMBER NGR-14-007-027. STAR X66-18322.
NR-E6-00-000-00021	APPLICABILITY OF CERTAIN MULTIFACTOR COMPUTER PROGRAMS TO THE ANALYSIS, CLASSIFICATION, AND PREDICTION OF LANDFORMS; FINAL REPORT, CONTRACT NUMBER NONR-4145(00). AUTOMETRIC CORPORATION, DECEMBER 1, 1963.

DIVISION BIBLIOGRAPHY - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E6-00-000-00022	TERRAIN QUALIFICATION, PHASE I: SURFACE GEOMETRY MEASUREMENTS. TEXAS INSTRUMENTS INCORPORATED, SCIENCE SERVICE DIVISION, FINAL REPORT, DECEMBER 31, 1962. PREPARED FOR GEOPHYSICS RESEARCH DIRECTORATE, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, AIR FORCE OFFICE OF AEROSPACE RESEARCH, UNITED STATES AIR FORCE, BEDFORD, MASSACHUSETTS. BY DONALD D. CARR AND JACK R. VAN LOPIK. CONTRACT NO. AF 19(628)-481, PROJECT NO. 7628, TASK NO. 762805.
NR-E6-EJ-998-00026	FIELD INFRARED ANALYSIS OF TERRAIN. FIRST ANNUAL REPORT, REMOTE SENSING LABORATORY, GEOPHYSICS DEPARTMENT, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. 1 NOVEMBER 1965 TO 31 OCTOBER 1966. RESEARCH GRANT NGR-05-020-115.
NR-E6-00-000-00028	DETAIL PLAN AND STATUS REPORT OF UNITED STATES GEOLOGICAL SURVEY RESEARCH IN REMOTE SENSING UNDER THE NATURAL RESOURCES SPACE APPLICATIONS PROGRAM. SECOND EDITION, U.S. GEOLOGICAL SURVEY. STAR X66-18726.
NR-E6-EJ-998-00030	STATISTICAL EVALUATION OF THE COMPOSITION, PHYSICAL PROPERTIES, AND SURFACE CONFIGURATION OF TERRESTRIAL TEST SITES AND THEIR CORRELATION WITH REMOTELY SENSED DATA. SEMI-ANNUAL STATUS REPORT - SEPTEMBER 30, 1966. NORTHWESTERN UNIVERSITY REPORT NUMBER 6. DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. CONTRACT NUMBER NGR-14-007-027.
NR-E6-EJ-998-00035	STATISTICAL EVALUATION OF THE COMPOSITION, PHYSICAL PROPERTIES, AND SURFACE CONFIGURATION OF TERRESTRIAL TEST SITES AND THEIR CORRELATION WITH REMOTELY SENSED DATA. SEMI-ANNUAL STATUS REPORT - MARCH 31, 1967. NORTHWESTERN UNIVERSITY REPORT NUMBER 9. DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. CONTRACT NUMBER NGR-14-007-027. STAR N66-81471.
NR-E6-EJ-998-00036	FIELD INFRARED ANALYSIS OF TERRAIN. SEMI-ANNUAL REPORT NOVEMBER 1, 1966 TO APRIL 30, 1967. REMOTE SENSING LABORATORY, GEOPHYSICS DEPARTMENT, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. JUNE 19, 1967, ISSUE DATE MAY 15, 1967. CONTRACT NO. NGR-05-020-115.
NR-E6-00-000-00051	SECOND ANNUAL REPORT, 1 NOVEMBER 1966 TO 31 OCTOBER 1967. FIELD INFRARED ANALYSIS OF TERRAIN. REMOTE SENSING LABORATORY, GEOPHYSICS DEPARTMENT, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. CONTRACT NO. NGR-05-020-115. STAR N68-13412.
NR-E6-EJ-002-00065	INTERIM PROGRESS REPORT, MARCH 31, 1965. E.H. TIMOTHY WHITTEN. NORTHWESTERN UNIVERSITY REPORT NO. 1. NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. APRIL 7, 1965. CONTRACT NO. NGR 14-007-027.
NR-E6-EJ-998-00067	FINAL REPORT TO NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. JUNE 18, 1965 TO AUGUST 31, 1967. DAVID B. SLEMONS, JOSEPH LINTZ, JR., MALCOLM J. HIBBARD, JACK G. QUADE, AND PETER CHAPMAN, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. APRIL 30, 1968. CONTRACT NO. NGR-29-001-015. STAR X69-90092.
NR-E6-EJ-998-00069	FIELD INFRARED ANALYSIS OF TERRAIN. SEMIANNUAL PROGRESS REPORT - MAY 1, 1966. R.J.P. LYON, DEPARTMENT OF GEOPHYSICS STANFORD UNIVERSITY, STANFORD, CALIFORNIA. CONTRACT NUMBER NGR-05-020-115. STAR X66-17198.
NR-E6-EJ-998-00070	FUNDAMENTAL STUDIES RELATING PARTICLE EFFECTS TO INFRARED SPECTRA. FINAL REPORT, 1 JUNE 1967 - 31 MAY 1968. STANFORD UNIVERSITY, REMOTE SENSING LABORATORY, STANFORD, CALIFORNIA. CONTRACT NO. NGR-05-020-237. STAR N69-11295.

DIVISION BIBLIOGRAPHY - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E6-EJ-998-00095	FIELD ANALYSIS OF TERRAIN. FINAL REPORT, 1 NOVEMBER 1967 - 31 OCTOBER 1968. R.J.P. LYON, SCHOOL OF EARTH SCIENCES, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. DECEMBER 1968. CONTRACT NUMBER NGR-05-020-115. STAR N69-20189.
NR-E6-DJ-056-00100	PROGRESS REPORT FROM DECEMBER 1, 1968 TO DECEMBER 31, 1968. JACK QUADE, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NUMBER NAS 9-7779.
NR-E6-EJ-998-00105	FIELD INFRARED ANALYSIS OF TERRAIN - SPECTRAL CORRELATION PROGRAM. PART 2 - STANFORD ADAPTATION AND CORRECTIONS FOR USE ON LMSC PROGRAM ON IBM 7090 - 32K MEMORY COMPUTER. PART 3. - VOLTAGE DRIFT CORRECTION PROCEDURES. RSL TECH REPORT NO. 67-2. STANFORD UNIVERSITY, REMOTE SENSING LABORATORY, STANFORD, CALIFORNIA. CONTRACT NUMBER NGR-05-020-115.
NR-E6-EJ-002-00150	PISGAH CRATER RADAR RETURN STUDY. THIRD BI-MONTHLY REPORT FOR PERIOD ENDING 31 MARCH 1965. W.D. STAPNO, NORTH AMERICAN AVIATION, INC., SPACE AND INFORMATION SYSTEMS DIVISION. CONTRACT NUMBER NAS 9-3588.
NR-E6-EJ-998-00175	USGS/NASA SOUTHERN CALIFORNIA REMOTE SENSING TEST PROGRAM. U.S. GEOLOGICAL SURVEY, GEOGRAPHIC APPLICATIONS PROGRAM, WASHINGTON, D.C. AND AUTOMETRIC/RATHEON CO., ALEXANDRIA, VIRGINIA. MAY 1968.
NR-E6-EJ-181-00176	APOLLO 502 MISSION PRELIMINARY ANALYSIS OF SEDIMENTOLOGY. FRANK J. WOBBER, IBM SPACE SYSTEMS CENTER, BETHESDA, MD. MAY 30, 1968.
NR-E6-EJ-998-00195	INFRARED AND ULTRAVIOLET STUDIES OF TERRESTRIAL MATERIALS. STATUS REPORT, JAN. 31, 1965 - MARCH 31, 1965. W.A. FISCHER, U.S. GEOLOGICAL SURVEY, U.S. DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C. MARCH 1965. CONTRACT NO. NASA R-146/09-020-006. STAR X65-15621.
NR-E6-00-000-00206	STUDY OF THE PHYSICAL PROPERTIES OF SOILS THROUGH INTERPRETATION OF AERIAL PHOTOGRAPHS. FINAL REPORT-APRIL 1964 TO MARCH 1965. J.M. ALBAREDA, ET AL., INSTITUTO DE EDAFOLOGIA Y FISILOGIA VEGETAL, MADRID, SPAIN. CONTRACT NUMBER DA-91-591-EUC-3285. STAR X65-18316.
NR-E6-00-000-00248	AN OPTIMUM MULTISENSOR APPROACH FOR DETAILED ENGINEERING SOILS MAPPING. VOL. I AND II, PROGRESS REPORT. H.T. RIB, PURDUE UNIVERSITY, LAFAYETTE, INDIAN. DECEMBER 1966. STAR N68-84718.
NR-E6-00-000-00278	SPECTROSCOPIC REMOTE SENSING OF WATER-BEARING MINERALS. PREPRINT. JOHN W. SALISBURY AND GRAHAM R. HUNT, U.S. AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. DEC. 1969.
NR-E6-00-000-00293	VISIBLE AND NEAR-INFRARED SPECTRA OF MINERALS AND ROCKS. I. SILICATE MINERALS. PREPRINT, SUBMITTED TO MODERN GEOLOGY, FEB. 1970. GRAHAM R. HUNT AND JOHN W. SALISBURY, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. FEB. 1970
NR-E6-GJ-000-00322	FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM. PROGRESS REPORT. L.R. POMEROY AND E.P. ODUM, UNIVERSITY OF GEORGIA, ATHENS, GEORGIA. SEPT. 1969. CONTRACT NO. AT(40-1)-3238. ORO-3238-7.

Reproduced from  
best available copy.



DIVISION BIBLIOGRAPHY - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E6-EJ-075-00344	GEOLOGIC INTERPRETATION OF AIRBORNE INFRARED THERMAL IMAGERY OF GOLDFIELD, NEVADA. FINAL REPORT - PART A. STANFORD RSL TECHNICAL RPT. 70-3. I.A. KILINC AND R.J.P. LYON, STANFORD UNIVERSITY, REMOTE SENSING LAB., SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. JAN. 1970. USDI CONTRACT NUMBER 14-08-0001-11872.
NR-E6-EJ-075-00345	GEOPHYSICAL ANALYSIS OF THERMAL INFRARED IMAGERY NEAR GOLDFIELD NEVADA - EXPERIMENTAL AND CORRELATION ANALYSIS. FINAL REPORT - PART B. STANFORD RSL TECH. RPT. 70-5. W.B. ERVINE, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, REMOTE SENSING LAB., STANFORD, CALIFORNIA. FEBRUARY 1970. USDI CONTRACT NO. 14-08-0001-11872.
NR-E6-00-000-00363	MULTIFREQUENCY MEASUREMENTS OF A LIMESTONE CAVERN SYSTEM. INTERNAL REPORT. A.T. EDGERTON, AEROMET-GENERAL CORP., EL MONTE, CALIF.
NR-E6-00-000-00377	AEROMAGNETIC SURVEYING OF THE IRON DEPOSITS IN CENTRAL BOSNIA. SLOBODAN VUKASINOVIC, ESTABLISHMENT FOR NUCLEAR RAW MATERIALS, BELGRADE, YUGOSLAVIA. TRANSLATED FROM GEOLOSNIK GLASNIK (YUGOSLAVIA), NO. 10, 1964. PP.275-285. MICROFICHE COPY. AD-835 113L X68-19326.
NR-E6-00-000-00426	VISIBLE AND NEAR-INFRARED SPECTRA OF MINERALS AND ROCKS - II CARBONATES. PREPRINT, SUBMITTED TO MODERN GEOLOGY, FEB. 1970. GRAHAM R. HUNT AND JOHN W. SALISBURY, AIR FORCE CAMBRIDGE RESEARCH LAB., SPACE PHYSICS LAB., L.G. HANSCOM FIELD, BEDFORD, MASS. FEB. 1970.
NR-E6-GF-000-00435	PRELIMINARY REPORT ON THE GEOLOGIC EVENTS ASSOCIATED WITH THE MAY 31, 1970, PERU EARTHQUAKE. GEORGE E. ERICKSEN, AND GEORGE PLAFKER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C., AND JAIME FERNANDEZ CONCHA, LIMA PERU. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C., 1970, 28P. GEOLOGICAL SURVEY CIRCULAR 639.
NR-E6-AK-000-00437	A PRELIMINARY STUDY OF RELICT MARINE TERRACES OF THE WESTERN ALEUTIAN ISLANDS, ALASKA. REPORT NOS. AMCHITKA-18, AND USGS-474-62. ROBERT H. MORRIS, GEOLOGICAL SURVEY, DENVER, COLO., 1970, 24P. CONTRACT NO. AT(29-2)-474. USGS-474-62 IN NSA 24 13
NR-E6-IL-166-00446	INFRARED SURVEYS IN ICELAND-PRELIMINARY REPORT. JULES D. FRIEDMAN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C., RICHARD S. WILLIAMS, JR., AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS., GUDMUNDUR PALMASON, ORKUSTOFNUN (ICELAND NATIONAL ENERGY AUTHORITY), REYJAVIK, ICELAND, AND CARL D. MILLER, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. IN GEOLOGICAL SURVEY RESEARCH 1969, U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 650-C, 1969. PP.C89-C105.
NR-E6-00-000-00483	VISIBLE AND NEAR-INFRARED SPECTRA OF MINERALS AND ROCKS - III. OXIDES AND HYDROXIDES. GRAHAM R. HUNT, JOHN W. SALISBURY AND CHARLES J. LENHOFF, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, SPACE PHYSICS LAB., BEDFORD, MASS. PREPRINT NOV. 1970, 38P.

# SECTION E7 - SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-E7-00-000-00014	SELECTED BIBLIOGRAPHY OF THE TERRAIN SCIENCES. ROBERT F. HOLMES, AND JOSEPH J. FORTEN, RAYTHEON COMPANY, AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. 1968
NR-E7-00-000-00033	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. GEOLOGY-NO. 2. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N69-28160.
NR-E7-00-000-00055	GEOLOGIC APPLICATIONS OF EARTH ORBITAL SATELLITES. W.T. PECORA, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE UNITED NATIONS CONFERENCE ON THE EXPLORATION AND PEACEFUL USES OF OUTER SPACE, JUNE 1968. STAR N69-40998.
NR-E7-00-000-00068	GEOLOGICAL SURVEY RESEARCH 1966, CHAPTER A. GEOLOGICAL SURVEY PROFESSIONAL PAPER 550-A. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1966.

# SECTION E8 SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-E8-EJ-019-00010	PRELIMINARY DETAILS OF SAMPLING LOCATIONS AT NASA SONORA PASS TEST SITE, CALIFORNIA; NORTHWESTERN UNIVERSITY REPORT NO. 5. WALTER A. BECKMAN, JR. AND E.H. TIMOTHY WHITTEN, DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. NASA RESEARCH GRANT NGR-14-007-027, JULY 22, 1966. STAR X66-21280.
NR-E8-FH-000-00016	SELECTED GEOLOGIC LITERATURE - LOWER MISSISSIPPI VALLEY DIVISION AREA INDEX AND ANNOTATED BIBLIOGRAPHY. TECHNICAL REPORT NO. 3-712, AND SUPPLEMENT 3. ROGER T. SAUCIER, GEOLOGY BRANCH, U.S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISSISSIPPI. REPORT JAN. 1969. SUPPLEMENT 3 OCT. 1969.
NR-E8-00-000-00062	A BRIEF SURVEY OF RADIATION EFFECTS APPLICABLE TO GEOLOGY PROBLEMS. PAUL W. LEVY, BROOKHAVEN NATIONAL LABORATORY, UPTON, NEW YORK. SEPTEMBER 1966.
NR-E8-00-000-00076	ELECTROMAGNETIC SCATTERING FROM ROUGH, FINITELY CONDUCTING SURFACES. ALEX STOGRYN, SPACE-GENERAL CORP., EL MONTE, CALIFORNIA. PUBLISHED IN RADIO SCIENCE, VOL. 2, NEW SERIES, NO. 4, 1967. PP.415-428. MICROFICHE COPY.
NR-E8-00-000-00080	FORTRAN IV CDC 6400 COMPUTER PROGRAM TO ANALYZE SUBSURFACE FOLD GEOMETRY. NORTHWESTERN UNIVERSITY REPORT NO. 17. E.H.T. WHITTEN, DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. CONTRACT NUMBER NGR-14-007-027. PUBLISHED AS COMPUTER CONTRIBUTION 25, STATE GEOLOGICAL SURVEY, UNIVERSITY OF KANSAS, LAWRENCE, SEPTEMBER 30, 1968. STAR N69-13568.

SUBJECT RELATED DOCUMENTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E8-00-000-00154	IN SEARCH OF METALS. (PUBLIC LECTURE) SIETZE DIJKSTRA, THE INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. MAY 1968. STAR N69-14953.
NR-E8-00-000-00156	THE TECTONICS OF NORTH AMERICA - A DISCUSSION TO ACCOMPANY THE TECTONIC MAP OF NORTH AMERICA. SCALE 1:5,000,000. PHILIP B. KING, U.S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969.
NR-E8-00-000-00163	AN INVESTIGATION OF COPPER AND OTHER SELECTED ELEMENTS IN SOIL UTILIZING GAMMA RADIATIONS INDUCED BY THERMAL NEUTRON ACTIVATION. JERRY R. KLINE, UNIVERSITY OF MINNESOTA, MINNEAPOLIS, MINNESOTA. DECEMBER 1964.
NR-E8-DJ-998-00176	APPLICATION OF BIOGEOCHEMISTRY TO MINERAL PROSPECTING. NASA SP-5056. NORTH AMERICAN ROCKWELL CORP., ROCKETDYNE DIVISION, CANOGA PARK, CALIFORNIA. 1968. CONTRACT NUMBER NAS8-5604.
NR-E8-00-000-00193	A DIGEST OF LITERATURE RELATED TO DETECTING BURIED FERROUS OBJECTS AND EARTH VOIDS BY MAGNETIC METHODS. REPORT NUMBER BAT-171-35. GEORGE J. FALKENBACH, BATTILLE MEMORIAL INSTITUTE, COLUMBUS, OHIO. JANUARY 1966. CONTRACT NO. SD-171. STAR X66-14183.
NR-E8-00-000-00205	CHARACTERISTICS OF GAMMA FIELD IN CENTRAL KARAKUMY, AS INFLUENCED BY COMPOSITION OF SANDY SEDIMENTS. M.A. ROMANOVA AND B.V. SHILIN, LABORATORY OF MATHEMATICAL GEOLOGY AND THE LABORATORY OF AERIAL METHODS, LENINGRAD, USSR. PUBLISHED IN INTERNATIONAL GEOLOGY REVIEW, VOL. 11, NO. 8, AUG. 1969. PP.911-918.
NR-E8-00-000-00207	DETERMINATION OF THE COMPOSITION OF ROCKS OF THE PALEOZOIC BASEMENT ACCORDING TO CHARACTERISTIC PECULIARITIES OF THE ANOMALOUS MAGNETIC FIELD. A.V. GLAZUNOVA, U.S. AIR FORCE, AERONAUTICAL CHART AND INFORMATION CENTER, CARTOGRAPHY DIV., ST. LOUIS, MISSOURI. REPRINTED FROM IZVESTIA AKADEMII NAUK, SSR, NO. 6, 1966. PP.65-74. MICROFICHE COPY. STAR N68-26059.
NR-E8-EJ-998-00209	A DESCRIPTIVE CATALOG OF SELECTED AERIAL PHOTOGRAPHS OF GEOLOGIC FEATURES IN THE UNITED STATES. GEOLOGICAL SURVEY PROFESSIONAL PAPER 590. CHARLES S. DENNY, ET AL., U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1968.
NR-E8-00-000-00220	NEAR SURFACE HORIZONTAL STRESSES INCLUDING THE EFFECTS OF ROCK ANISOTROPY. REPORT NO. 7224. VERNE E. HOOKER, ET AL. U.S. BUREAU OF MINES, DENVER, COLORADO. FEBRUARY 1969. ALSO ON MICROFICHE.
NR-E8-00-000-00257	A DESCRIPTIVE CATALOG OF SELECTED AERIAL PHOTOGRAPHS OF GEOLOGIC FEATURES IN AREAS OUTSIDE THE UNITED STATES. U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 591. CHARLES S. DENNY, ET AL., U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969.
NR-E8-GG-000-00280	A SELECTED BIBLIOGRAPHY OF GEOLOGY AND GEOPHYSICS FOR THE GULF OF MEXICO. REPORT NO. MOO-IR-68-89. H.R. ENSMINGER AND W.T. MORTON, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. SEPTEMBER 1968. STAR X69-17740. MICROFICHE COPY.
NR-E8-00-000-00282	GLOSSARY OF TERMS USED IN FLUVIAL, DELTAIC AND COASTAL MORPHOLOGY AND PROCESSES. REPORT NO. TR-63. LOUISIANA STATE UNIVERSITY, COASTAL STUDIES INSTITUTE, BATON ROUGE, LOUISIANA. DECEMBER 1968. CONTRACT NO. NONR-1575(00). STAR N69-32687. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E8-HJ-176-00321	PRELIMINARY RECONNAISSANCE FOR URANIUM IN CONN., MAINE, MASSACHUSETTS, NEW JERSEY, NEW YORK AND VERMONT, 1950 TO 1959. U.S. ATOMIC ENERGY COMMISSION, DIV. OF RAW MATERIALS, WASHINGTON, D.C. AND U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. FEBRUARY 1969.
NR-E8-00-000-00391	CONFERENCE NUMERICAL TOPOGRAPHIC DATA AND OTHER NEW MAP PRODUCTS, FORT BELVOIR, VIRGINIA, MAY 1966. DEPARTMENT OF THE ARMY, OFFICE OF CHIEF ENGINEERS, WASHINGTON, D.C. STAR X68-82414. AD-806-740
NR-E8-00-000-00408	IMPROVEMENT OF SPECTRAL CHARACTERISTICS OF HIGH-RESISTANCE THERMAL RADIATION DETECTORS. L.S. KREMENCHUGSKII AND V.S. LYSENKO, USSR. DEC. 1967. TRANSLATION OF ZHURNAL PROKLADNOY SPEKTROSKOPII, USSR, VOL. 4, 1966. PP.298-301. AD-678 468. MICROFICHE COPY.
NR-E8-00-000-00412	ROUGH SURFACE SCATTERING BASED ON THE SPECULAR POINT THEORY. DONALD E. BARRICK, BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO. REPRINTED FROM IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-16, NO. 4, JULY 1968. PP.449-454.
NR-E8-00-000-00419	RESEARCH ON EFFECTS OF EARTH CURRENTS ON PIPELINES. D.N. GIDEON, BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO. REPRINT OF PAPER PRESENTED AT NATIONAL ASSOCIATION OF CORROSION ENGINEERS 1968 CONFERENCE, CLEVELAND, OHIO. PAPER NO. 41.
NR-E8-PK-000-00426	STRUCTURAL SCHEME OF THE EARTH'S CRUST OF THE URALS FROM GRAVIMETRIC DATA. A.N. TIMOFEEV AND A.A. KUZNETSOV, USSR. MAY 1969. TRANSLATION OF GLUBINNOYE STROYENIYE URALA (MOSCOW), 1968. PP.101-108. STAR N70-10361. AD-692 095. MICROFICHE COPY.
NR-E8-00-000-00442	BACKSCATTERING WAVES BY COMPOSITE ROUGH SURFACES. A.K. FUNG AND HSIAO-LIEN CHAN, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. PUBLISHED IN IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-17, NO. 5, SEPT. 1969. PP.590-597. A70-12589.
NR-E8-00-000-00454	RESEARCH DIRECTED TOWARD THE USE OF LONG AND INTERMEDIATE PERIOD SEISMIC WAVES FOR THE IDENTIFICATION OF SEISMIC SOURCES. ANNUAL TECHNICAL REPORT, AUG. 68-AUG. 69. FRANK J. GLUMPER, LAMONT-DOHERTY GEOLOGICAL OBSERVATORY, COLUMBIA UNIVERSITY, PALISADES, NEW YORK. REPORT NO. AFRL-69-0407. CONTRACT NO. F19628-68-C-0341. STAR N70-15750. AD-695 495. MICROFICHE COPY.
NR-E8-00-000-00466	ULTRASONIC MULTI-CHANNEL LOGGING WITH CLAMPED SONDES IN ENGINEERING GEOLOGICAL INVESTIGATIONS. V.I. KOPEV, USSR. 1968. TRANSLATION OF GEOAKUSTIKA, MOSCOW, AKADEMIYA NAUK SSSR, 1966. PP.84-94. STAR N70-13975. PB-184 927T. MICROFICHE COPY.
NR-E8-00-000-00470	IGNEOUS ROCKS, VOLUME 1. BIBLIOGRAPHY REPORT, MARCH 1962-MAY 1969. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. STAR N70-15873. AD-693 800. MICROFICHE COPY.
NR-E8-00-000-00481	LONG PERIOD SIGNAL PROCESSING RESULTS FOR THE LARGE APERTURE SEISMIC ARRAY. JACK CAPON, ROY J. GREENFIELD, RICHARD T. LACOSS, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LEXINGTON, MASSACHUSETTS. PUBLISHED IN GEOPHYSICS, VOL. 34, NO. 3, JUNE 1969. PP.305-329. REPORT NOS. JA-3193 ESD-TR-69-221. CONTRACT NO. AF19(628)-5167. STAR N70-15623. AD-694 326. MICROFICHE COPY.
NR-E8-00-000-00521	GEOLOGICAL SURVEY RESEARCH 1969. CHAPTER A GEOLOGICAL SURVEY PROFESSIONAL PAPER 650-A. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969



SUBJECT RELATED DOCUMENTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E8-00-000-00564	UPPER MANTLE STRUCTURE IN THE BASIN AND RANGE PROVINCE, WESTERN NORTH AMERICA, FROM THE APPARENT VELOCITIES OF S WAVES. ROBERT L. KOVACH AND RUSSELL ROBINSON, STANFORD UNIVERSITY, STANFORD, CALIF. PUBLISHED IN SEISMOLOGICAL SOCIETY OF AMERICA, BULLETIN, VOL. 59, AUG. 1969. PP.1653-1665. A70-12505.
NR-E8-00-000-00561	TRIALS WITH THE WILD D1 10 INFRA-RED DISTANCE MEASURER ON SURFACE AND UNDERGROUND SURVEYS. DR. D.J. HODGES AND J.H. GREENWOOD, UNIVERSITY OF NOTTINGHAM, NOTTINGHAM, ENGLAND. PUBLISHED IN THE MINING ENGINEER, VOL. 128, APRIL 1969. PP.401-410.
NR-E8-00-000-00586	GEOMAGNETIC DEEP SOUNDING AND UPPER MANTLE STRUCTURE IN THE WESTERN UNITED STATES. J.S. REITZEL AND H. PORATH, UNIVERSITY OF TEXAS AT DALLAS, DALLAS, TEXAS, D.I. COUGH AND C.W. ANDERSON, UNIVERSITY OF ALBERTA, EDMONTON, CANADA. PUBLISHED IN THE GEOPHYSICAL JOURNAL OF THE ROYAL ASTRONOMICAL SOCIETY, VOL. 19, NO. 3, MARCH 1970. PP.213-235.
NR-E8-00-000-00590	A COMPUTER PROGRAM FOR THE STEREOGRAPHIC ANALYSIS OF COAL FRACTURES AND CLEATS. U.S. BUREAU OF MINES INFORMATION CIRCULAR IC 8454. P.W. JERAN AND J.R. MASHEY, PITTSBURGH MINING RESEARCH CENTER, BUREAU OF MINES, PITTSBURGH, PA. MARCH 1970.
NR-E8-EJ-000-00638	STRATIGRAPHY AND PETROLEUM OCCURRENCE, GREEN RIVER FORMATION, RED WASH FIELD, UTAH. R.P. KOESOMADINATA, COLORADO SCHOOL OF MINES, GOLDEN, COLO. PUBLISHED IN COLORADO SCHOOL OF MINES QUARTERLY, VOL. 65, NO. 1, JAN. 1970.
NR-E8-00-000-00722	GEOPHYSICAL IMPLICATIONS OF THE INTERRELATIONSHIP OF THE GEOGRAVITY AND GEOMAGNETIC FIELDS. MOHAMMAD ASADULLA KHAN AND GEORGE P. WOOLLARD, UNIVERSITY OF HAWAII, HONOLULU, HAWAII. IN NATURE, VOL. 226, APRIL 25, 1970. PP.340-343. A70-28620.
NR-E8-00-000-00735	INFRARED SPECTRA OF INORGANIC COMPOUNDS IN THE 500-33/CM REGION. TECHNICAL REPORT, SEPT. 68-MARCH 69. REPORT NO. AFML-TR-69-233. WILLIAM R. FAIRHELLER, JR. AND JOHN T. MILLER, JR., MONSANTO RESEARCH CORP, DAYTON, OHIO. CONTRACT NO. F33615-67-C-1363. MICROFICHE COPY. AD-697 992 N70-20052.
NR-E8-00-000-00736	MEASUREMENT EQUIPMENT FOR AERIAL ELECTRICAL PROSPECTING USING THE NATURAL ELECTRO-MAGNETIC FIELDS METHOD. V.D. GELFAND AND E.V. PASKO, USSR. TRANSLATED FROM GEOFIZICHESKAYA APPARATURA (MOSCOW), NO. 39, 1969. PP.25-33. MICROFICHE COPY. N70-19846.
NR-E8-00-000-00746	AIRPHOTO PATTERN RECONNAISSANCE OF NORTHWESTERN CANADA. VOL. I AND VOL. II. REPORT NOS. ACFEL-TR-41-VOL. I AND ACFEL-TR-41-VOL. 2. PURDUE UNIVERSITY, LAFAYETTE, IND. CONTRACT NO. W-21-018-ENG-683. MICROFICHE COPY. AD-701 204-V.2 AD-701 180-V.1.
NR-E8-00-000-00756	TREND SURFACE ANALYSIS AND SPATIAL CORRELATION. TECHNICAL REPORT 124. GEOFFREY S. WATSON, JOHNS HOPKINS UNIVERSITY, BALTIMORE, MARYLAND. SEPT. 1969. CONTRACT NO. NONR-4010(09). MICROFICHE COPY. AD-699 163 N70-24095.
NR-E8-DJ-998-00771	AN INVESTIGATION OF VOLCANIC DEPRESSIONS, PART 1, GEOLOGIC AND GEOPHYSICAL FEATURES OF CALDERAS. HOWEL WILLIAMS AND ALEXANDER R. MCBIRNEY, CENTER FOR VOLCANOLOGY, UNIVERSITY OF OREGON, EUGENE, OREGON. JANUARY 22, 1968. A PROGRESS REPORT. CONTRACT NUMBER NGR-38-033-012.

SUBJECT RELATED DOCUMENTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E8-BL-000-00823	TECTONICS OF THE MARCH 27, 1964, ALASKA EARTHQUAKE. GEORGE PLAFKER, U. S. GEOLOGICAL SURVEY, WASHINGTON, D.C. GEOLOGICAL SURVEY PROFESSIONAL PAPER 543-I, 1969.
NR-E8-00-000-00831	APPARENT TEMPERATURES OF SMOOTH AND ROUGH TERRAIN. WILLIAM H. PEAKE AND S.N.C. CHEN, OHIO STATE UNIVERSITY COLUMBUS, OHIO. IN J.R.E. TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-9, NOV. 1961. PP.567-572.
NR-E8-DK-068-00860	ANALYSIS OF A 24-YEAR PHOTOGRAPHIC RECORD OF NISQUALLY GLACIER, MOUNT RAINIER NATIONAL PARK, WASHINGTON, GEOLOGICAL SURVEY PROFESSIONAL PAPER 631. FRED M. VEATCH, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969. W70-06143
NR-E8-00-000-00896	THEORY OF RADAR SCATTER FROM ROUGH SURFACES, BISTATIC AND MONOSTATIC WITH APPLICATION TO LUNAR RADAR RETURN. REPORT NO. CRES TR 48-10. A.K. FUNG, UNIV. OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANS. JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 69, NO. 6, MARCH 15, 1964, PP.1063-1073. CONTRACT NOS. GRANTS NSF GP-2259, AND NASA NSG-298.
NR-E8-00-000-00935	INFRARED SPECTRA AND RADIATIVE THERMAL CONDUCTIVITY OF MINERALS AT HIGH TEMPERATURES. J.R. ARONSON, L.H. BELLOTTI, S.W. BCKROAD, ET AL., ARTHUR D. LITTLE, INC., CAMBRIDGE, MASS. JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 17, JUNE 1970, PP.3443-3456. CONTRACT NOS. NAS9-5840, AND NSF GRANT C-541. A70-33648
NR-E8-FJ-000-01023	AN INVESTIGATION OF THE MAGNETOTELLURIC TENSOR IMPEDANCE METHOD. REPORT NO. TR-82. DARRELL R. WORD, H.W. SMITH, AND F.X. BOSTICK, JR., TEXAS UNIVERSITY, ELECTRONICS RESEARCH CENTER, AUSTIN, TEXAS. MARCH 1970, 281P. CONTRACT NOS. N00014-67-A-0126-0004, AND GRANT NSF GA-1236. AD-706359 N70-37772 MICROFICHE AND HARD COPY.
NR-E8-LL-166-01046	ELDUE I OSKJU. ASKJA ON FIRE. SIGURDUR THORARINSSON. ENGLISH TRANSLATION BY JOHANN HANNESSON. PUBLISHED BY ALMENNA BOKAFELAGID, REYKJAVIK, ICELAND, 1963, 100P. IN ICELANDIC AND ENGLISH.
NR-E8-NJ-000-01071	THE STABILITY OF PARTLY IMMERGED FISSURED ROCK MASSES, AND THE VAIONT ROCK SLIDE. C. JAEGER, ADDRESS UNKNOWN. IN CIVIL ENGINEERING PUBLIC WORKS REVIEW, VOL. 64, NO. 761, DEC. 1969. PP.1204-1207. W70-10130
NR-E8-00-000-01097	ANTENNA-POLARIZATION AND TERRAIN-DEPOLARIZATION EFFECTS ON PULSE-RADAR RETURN FROM EXTENDED AREAS AT THE NEAR VERTICAL. CHARLES S. WILLIAMS, JAMES ARLIN COOPER, SANDIA LABS., ALBUQUERQUE, NEW MEXICO, AND J. RICHARD HUYNEN, LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF. IN IEEE PROCEEDINGS, VOL. 58, SEPT. 1970. PP.1322-1328. A70-43327
NR-E8-FH-000-01128	A NEW APPROACH TO MAPPING THE CONTINENTAL SHELF. W. ARMSTRONG PRICE, TEXAS A AND M UNIVERSITY, DEPT. OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. IN THE OIL AND GAS JOURNAL, VOL. 53, NO. 47, MARCH 28, 1955. PP.106-111.
NR-E8-GJ-998-01135	A RECONNAISSANCE OF COASTAL EROSION IN NORTH CAROLINA. JAY LANGFELDER, DONALD STAFFORD, AND MICHAEL AMEIN, NORTH CAROLINA STATE UNIVERSITY, DEPT. OF CIVIL ENGINEERING, RALEIGH, N.C. DEC. 1968, 170P.

SUBJECT RELATED DOCUMENTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E8-00-000-01137	GEOLOGIC TIME - THE AGE OF THE EARTH. WILLIAM L. NEWMAN, U.S. GEOLOGIC SURVEY, WASHINGTON, D.C. 1970, 20P. N70-38189
NR-E8-00-000-01142	MICROSEISMIC AND DISPLACEMENT INVESTIGATIONS IN AN UNSTABLE SLOPE. REPORT NO. RI-7470. RAYMOND M. STATEHAM, DENVER MINING RESEARCH CENTER, BUREAU OF MINES, DENVER, COLO., AND JOHN S. VANDERPOOL, KENNECOTT COPPER CORP., NEVADA MINES DIV., RUTH, NEV. U.S. BUREAU OF MINES, WASHINGTON, D.C. JAN. 1971, 22P. BUREAU OF MINES REPORT OF INVESTIGATIONS 7470. N71-15501
NR-E8-EJ-000-01147	GRAVITY AND MAGNETIC ANOMALIES IN THE SODA SPRINGS REGION, SOUTHEASTERN IDAHO. DON R. MABEY, AND STEVEN S. ORIEL, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1970, 18P. AND 2 FOLDED MAPS IN POCKET. GEOLOGICAL SURVEY PROFESSIONAL PAPER 646-E. N70-42012
NR-E8-00-000-01153	VISIBLE AND NEAR-INFRARED SPECTRA OF MINERALS AND ROCKS - IV. SULPHIDES AND SULPHATES. PREPRINT. GRAHAM R. HUNT, JOHN W. SALISBURY, AND CHARLES J. LENHOFF, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, SPACE PHYSICS LAB., L.G. HANSCOM FIELD, BEDFORD, MASS. DEC. 1970, 52P.
NR-E8-WG-000-01167	COMPARATIVE STUDIES OF THE PATTERN OF LAND USE IN RELATION TO THE GEOMORPHIC FEATURES OF THE TERRACE UPLANDS IN JAPAN. FINAL REPORT, JULY 66-MARCH 68. REPORT NO. ARDG(FE)-331. AKIRA WATANABE, DEPT. OF GEOGRAPHY, OCHANOMIZU UNIVERSITY, TOKYO, JAPAN. MAY 1970, 44P. CONTRACT NO. GRANT DA-CRD-AG-S92-544-66-G54. MICROFICHE AND HARD COPIES. AD-710335
NR-E8-00-000-01174	ZUR GELANDERFASSUNG DURCH SCHICHTLINIEN UND PROFILE. (THE REPRESENTATION OF TERRAIN BY CONTOUR LINES AND PROFILES). RUDIGER FINSTERWALDER, MUNCHEN TECHNISCHE HOCHSCHULE, MUNICH, WEST GERMANY. IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, NOV. 1, 1970. PP.349-354. IN GERMAN. A71-11328
NR-E8-00-000-01180	THE ORIGIN OF THE MOON. JOHN A. O'KEEFE, LABORATORY FOR SPACE PHYSICS, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 32, NOV. 10, 1970. PP.6565-6574.
NR-E8-00-000-01192	LABORATORY STUDIES OF LUMINESCENCE OF ROCKS AND OF NATURAL SYNTHETIC INORGANIC MATERIALS. J. DUHOIS, UNIVERSITY OF PAU, FRANCE. IN SPACE APPLICATIONS OF SOLID STATE LUMINESCENT PHENOMENA - WORKSHOP, UNIVERSITY PARK, PA., MAY 1970, PROCEEDINGS. PP.99-104. MICROFICHE COPY. N71-10087
NR-E8-00-000-01193	SPACE APPLICATIONS OF SOLID STATE LUMINESCENT PHENOMENA - WORKSHOP, UNIVERSITY PARK, PA., MAY 1970, PROCEEDINGS. REPORT NOS. NASA-CR-111003, AND MRL-SPEC-PUBL-70-101. JON N. WEBER, AND EUGENE WHITE, EDITORS, PENNSYLVANIA STATE UNIVERSITY, MATERIALS RESEARCH LAB., UNIVERSITY PARK, PA. 1970, 115P. CONTRACT NO. GRANT NGL-39-009-015. MICROFICHE COPY. N71-10076 THRU N71-10088
NR-E8-00-000-01196	MOSSBAUER EFFECT APPLICATION. FINAL REPORT, 1960-1969. SERGIO DE BENEDETTI, FERANDO DE S. BARROS, AND WILLIAM T. OOSTERHUIS, CARNEGIE-MELLON UNIVERSITY, DEPT. OF PHYSICS, PITTSBURGH, PA. AUG. 1970, 10P. CONTRACT NOS. MONR-760(20) AND N0014-67-A-00314-0005. MICROFICHE COPY. AD-710808 N71-10553

SUBJECT RELATED DOCUMENTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E8-00-000-01198	MOSSBAUER SPECTROSCOPY OF COAL-RELATED MINERALS. JAMES D. ULMER, RESEARCH PHYSICIST, CARNEGIE-MELLON UNIV., PITTSBURGH, PA. IN NUCLEAR CHEMISTRY AND GEOCHEMISTRY RESEARCH CARNEGIE-MELLON UNIVERSITY. PROGRESS REPORT, 1969-70, JUNE 1970. PP.31-38. CONTRACT NOS. AT(30-1)-844, AND NAS9-8073. MICROFICHE COPY. N71-10308
NR-E8-00-000-01199	NUCLEAR CHEMISTRY AND GEOCHEMISTRY RESEARCH CARNEGIE-MELLON UNIVERSITY. PROGRESS REPORT, 1969-70. REPORT NO. NASA-CR-111001. T.P. KOHMAN, PRINCIPAL INVESTIGATOR, ET AL., CARNEGIE-MELLON UNIVERSITY, DEPT. OF CHEMISTRY, PITTSBURGH, PA. JUNE 1970, 115P. CONTRACT NOS. AT(30-1)-844, AND NAS9-8073. MICROFICHE COPY. N71-10304 THRU N71-10319
NR-E8-FJ-034-01215	SELECTED GEOLOGIC LITERATURE LOWER MISSISSIPPI VALLEY DIVISION AREA INDEX AND ANNOTATED BIBLIOGRAPHY. TECHNICAL REPORT. REPORT NO. AEWES-TR-3-712-SUPPL-4. R.T. SAUCIER, U.S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS. JULY 1970, 97P. MICROFICHE COPY. AD-710967
NR-E8-00-000-01221	UNITED STATES EARTHQUAKES, 1928-1935. COAST AND GEODETIC SURVEY, WASHINGTON, D.C. 1968, 446P. MICROFICHE COPY. N70-26494
NR-E8-00-000-01222	UNITED STATES EARTHQUAKES, 1936-1940. COAST AND GEODETIC SURVEY, ROCKVILLE, MARYLAND. 1969, 336P. MICROFICHE COPY. N70-26495
NR-E8-00-000-01223	UNITED STATES EARTHQUAKES, 1941-1945. COAST AND GEODETIC SURVEY, ROCKVILLE, MARYLAND. 1969, 277P. MICROFICHE COPY. N70-26496
NR-E8-00-000-01241	MESURES THERMIQUES DANS LES GAZ VOLCANIQUES. (THERMAL MEASUREMENTS IN VOLCANIC GASES). REPORT NO. ONERA-TP-868. JEAN LOUIS BOULDAY, OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES, CHATILLON-ONS-BAGNEUX, FRANCE. PRESENTED AT INTERNATIONAL CONGRESS ON HEAT TRANSFER, 4TH, VERSAILLES, FRANCE, AUG-SEPT. 1970, 13P. IN FRENCH. MICROFICHE COPY. N71-11578
NR-E8-00-000-01245	EXPERIMENTAL INVESTIGATION OF THE REFLECTIVITY OF AL, CU, ZN AND NI AND ITS COMPARISON WITH THEORY. JACK JINN-GOE HSIA, (DOCTORAL THESIS), PURDUE UNIVERSITY, LAFAYETTE, INDIANA. AUG.1968, 131P. CONTRACT NUMBER N00014-67-A-0226-0002. MICROFICHE COPY. AD-711 624
NR-E8-00-000-01258	THE EARTH'S CRUST AND MANTLE. REPORT NO. ACIC-TC-1558. R.M. DEMENITSKAYA, AERONAUTICAL CHART AND INFORMATION CENTER, LINGUISTIC SECTION, ST. LOUIS, MO. AUG. 1970, 399P. TRANSL. OF RUSSIAN BOOK - (KORA I MANTIYA ZEMLI) MOSCOW, NEDRA, 1967. PP.1-280. MICROFICHE COPY. AD-712106 N71-11538
NR-E8-00-000-01280	COMPOSITION OF THE LUNAR HIGHLANDS - POSSIBLE IMPLICATIONS FOR EVOLUTION OF THE EARTH'S CRUST. PAUL D. LOWMAN, JR., GODDARD SPACE FLIGHT CENTER, PLANETOLOGY BRANCH, GREENBELT, MARYLAND. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 74, NO. 2, JAN. 15, 1969. PP.495-504.
NR-E8-00-000-01427	HIGHWAY GEOLOGY SYMPOSIUM, 18TH ANNUAL, LAFAYETTE, INDIANA, APRIL 1967, PROCEEDINGS. REPORT NO. ENGINEERING EXTENSION SERIES NO. 127. T.R. WEST, AND E.J. YODER, EDITORS, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. JULY 1967, 157P. \$4.50. ENGINEERING BULLETIN OF PURDUE UNIVERSITY, VOL. 51, NO. 4, JULY 1967.

SUBJECT RELATED DOCUMENTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E8-PK-000-01438	LANDSLIDES AND THEIR CONTROL. QUIDO ZARUBA, TECHNICAL UNIV., PRAGUE, AND VOJTECH MENCL, TECHNICAL UNIV., BRNO, CZECHOSLOVAKIA. ELSEVIER, NEW YORK, 1969, 214P. \$14.50. TRANSLATED FROM CZECH.
NR-E8-00-000-01480	EARTH RESOURCES. BRIAN J. SKINNER, YALE UNIVERSITY, NEW HAVEN, CONN. PRENTICE-HALL, INC., ENGLEWOOD CLIFFS, NEW JERSEY. 1969, 160P. \$5.95.
NR-E8-EJ-024-01488	MEASUREMENT OF MOVEMENT ON THE SAN ANDREAS FAULT. REPORT NOS. NOAA-71021008, AND COM-71-00222. ROBERT D. NASON, AND DON TOCHER, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, EARTHQUAKE MECHANISM LAB., SAN FRANCISCO, CALIF. 1970, 11P. PUBLISHED IN - EARTHQUAKE DISPLACEMENT FIELDS AND THE ROTATION OF THE EARTH, 1970. PP.246-254. (D. REIDEL PUB. CO., DORDRECHT-HOLLAND, L. MANSINHA ET AL., EDITORS).
NR-E8-00-000-01490	AEROGEOLOGY (ON PHOTOGEOLOGIC INTERPRETATION). HORST F. VON BANDAT. GULF PUBLISHING COMPANY, HOUSTON, TEXAS. 1962, 362P. \$16.95.
NR-E8-00-000-01556	GEOPHYSICS, GEOLOGIC STRUCTURES AND TECTONICS. JOHN S. SUMNER, UNIVERSITY OF ARIZONA, TUCSON. WM.C. BROWN COMPANY PUBLISHERS, DUBUQUE, IOWA. 1969, 124P. \$1.95.
NR-E8-00-000-01558	SPECTROSCOPIC PROPERTIES OF RARE EARTHS. BRIAN G. WYBOURNE, ARGONNE NATIONAL LABORATORY, ARGONNE, ILL. JOHN WILEY AND SONS, INC., NEW YORK. 1965, 243P., \$10.50
NR-E8-EJ-052-01583	GRAVITY SURVEY OF AREA 8, NEVADA TEST SITE, NYE COUNTY, NEV. REPORT NO. USGS-474-89. DON L. HEALEY, U.S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLO. 1970, 11P.

## SECTION E9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-E9-00-000-00011	ASPECTS OF GEOLOGICAL SAMPLING AT TEST SITES. E. H. TIMOTHY WHITTEN, WALTER A. BECKMAN, JR., AND R. D. HOHSON, NORTHWESTERN UNIVERSITY, DEPARTMENT OF GEOLOGY. REPORT NUMBER 4. JULY 11, 1966. CONTRACT NO. MGR-14-007-027. STAR X66-21277.
NR-E9-EJ-051-00013	GEOLOGY OF THE ARIZONA SEDIMENTARY TEST SITE, CANE SPRINGS, ARIZONA. JOESPH LINTZ, JR. AND PETER A. BRENNAN, UNIVERSITY OF NEVADA, MACKAY SCHOOL OF MINES, REMO, NEVADA. TECHNICAL REPORT NO. 3, REVISED APRIL 1966. CONTRACT NO. NCR-29-001-015. STAR X66-18384.
NR-E9-00-000-00014	CENOZOIC VOLCANISM OF THE CENTRAL SIERRA NEVADA, CALIFORNIA DAVID B. SLEMMONS, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, REMO, NEVADA. TECHNICAL REPORT NO. 4. APRIL 1966. CONTRACT NO. NCR-29-001-015. STAR X66-36635.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-DJ-020-00015	GEOLOGY OF THE BUCKS LAKE, CALIFORNIA. DAVID B. SLEMMONS, WILLIAM TAFURI, AND GARY BALLFW, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. TECHNICAL REPORT NO. 5. MAY 1966. CONTRACT NO. NCR-29-001-015. STAR X66-18329.
NR-E9-EJ-051-00016	GEOLOGY OF THE CANE SPRINGS TEST SITE, ARIZONA. JOSEPH LINTZ, JR. AND PETER A. BRENNAN, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. TECHNICAL REPORT NO. 3. NOVEMBER 1965. CONTRACT NO. NCR-29-001-015. STAR X66-15544.
NR-E9-EJ-019-00017	GEOLOGY OF THE SONORA PASS-EMIGRANT BASIN, CALIFORNIA. DAVID B. SLEMMONS, MALCOM HIBBARD, PETER CHAPMAN, JACK QUADE, JAMES SJOBERY, AND DAVID STERLING, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. TECHNICAL REPORT NO. 1. DECEMBER 1965. CONTRACT NO. NCR-29-001-015. STAR X66-15544.
NR-E9-EJ-019-00021	GEOLOGIC MAP OF THE SONORA PASS TEST SITE, CALIFORNIA. DRAFTED BY RONALD E. GUNDERSON, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. TECHNICAL REPORT NO.2. DECEMBER 1965.
NR-E9-00-000-00035	STATISTICAL PROBLEMS INVOLVED IN REMOTE-SENSING OF THE GEOLOGY OF THE LITHOSPHERE-ATMOSPHERE INTERFACE. WALTER A. BECKMAN, JR. AND E.H. TIMOTHY WHITTEN. NORTHWESTERN UNIVERSITY REPORT NUMBER 7. DEPARTMENT OF GEOLOGY NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. DECEMBER 15, 1966. CONTRACT NUMBER NGR-14-007-027.
NR-E9-EJ-002-00040	IDENTIFICATION OF REMOTE OBJECTS BY MEANS OF SCATTEROMETRY DATA AND APPLICATION TO PISGAH CRATER. CRES REPORT 61-17. G.W. DALKE, REMOTE SENSING LABORATORY, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. STAR N67-35533.
NR-E9-00-000-00046	AIR-PHOTO INTERPRETATION REDUCES COSTS FOR A WIDE VARIETY OF OILFIELD PROJECTS. C.E. ANDERSON, D.B. HORNE, ET AL., UNDERWOOD MCLELLAN AND ASSOCIATES, CALGARY, ALBERTA, CANADA. PUBLISHED IN CANADIAN MINING AND METALLURGICAL BULLETIN, VOL. 61, NO.679, NOVEMBER 1968. PP.1337-1341.
NR-E9-EJ-998-00048	INVESTIGATION OF CROSS-POLARIZED RADAR ON VOLCANIC ROCKS, CRES REPORT NO. 61-25. ELLIOT GILLERMAN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 9, 1967, ISSUE DATE FEBRUARY 1967. CONTRACT NO. NSR-17-004-003. STAR N67-36566.
NR-E9-00-000-00061	A STATISTICAL ANALYSIS OF THE REFLECTANCE OF IGNEOUS ROCKS FROM 0.2 TO 2.65 MICRONS. HOWARD P. ROSS, JOEL E.M. ADLER, ET AL., U.S. AIR FORCE, OFFICE OF AEROSPACE RESEARCH, CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. PUBLISHED IN ICARUS, VOL. 11, JULY 1969. PP.46-54.
NR-E9-EJ-019-00067	TWO PROGRAMS FOR THE FACTOR ANALYSIS OF GEOLOGIC AND REMOTE-SENSING DATA. NORTHWESTERN UNIVERSITY REPORT NUMBER 12. ROBERT G. GARRETT, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. OCTOBER 1967. CONTRACT NO. NSR-14-007-027. STAR N67-39920.
NR-E9-CK-126-00068	THE GEOLOGY OF LOWER PRECAMBRIAN ROCKS OF THE CHAMPION-REPUBLIC AREA OF UPPER MICHIGAN. NORTHWESTERN UNIVERSITY REPORT NUMBER 13. W. E. GORDON TAYLOR, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. OCTOBER 1967. CONTRACT NO. NGR-14-007-027. STAR N67-39848.

Reproduced from  
best available copy.



TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-EJ-998-00070	STATISTICAL ANALYSIS OF IR SPECTRA - STANFORD PROGRAMS APPLIED TO USGS SPECTRA IN TECHNICAL LETTER NO. 13. REMOTE SENSING LABORATORY TR 67-3. GEOPHYSICS DEPARTMENT. REMOTE SENSING LABORATORY, STANFORD UNIVERSITY, STANFORD, CALIF. NOVEMBER 10, 1967. CONTRACT NO. NGR-05-020-115. U.S.G.S. TECHNICAL LETTER NASA-13 - NR-05-DL-998-0013. STAR N69-30041
NR-E9-EJ-019-00073	THE GEOCHEMISTRY OF THE FREMONT LAKE QUARTZ MONZONITES AND ASSOCIATED GRUSS, NASA SONORA PASS GEOLOGICAL TEST SITE, SIERRA NEVADA, CALIFORNIA. NORTHWESTERN UNIVERSITY REPORT NO. 14. ROBERT G. GARRETT, DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. NOVEMBER 17, 1967. CONTRACT NO. NGR-14-007-027. STAR N68-10180.
NR-E9-00-000-00076	EVALUATION OF INFRARED SPECTROPHOTOMETRY FOR COMPOSITIONAL ANALYSIS OF LUNAR AND PLANETARY SOILS. R.J.P. LYON, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA. APRIL 1963. PREPARED FOR NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C. TECHNICAL NOTE D-1871. CONTRACT NO. NASR-49(04). STAR N63-14406.
NR-E9-00-000-00077	EVALUATION OF INFRARED SPECTROPHOTOMETRY FOR COMPOSITIONAL ANALYSIS OF LUNAR AND PLANETARY SOILS. PART 2. ROUGH AND POWERED SURFACES. R.J.P. LYON, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA. NOVEMBER 1964. PREPARED FOR NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C. CR-100. CONTRACT NO. NASR-49(04). STAR N65-10774.
NR-E9-EJ-002-00079	ANALYSIS OF SCATTEROMETRY DATA FROM PISGAH CRATER. CRES TECHNICAL REPORT 118-2. JERRY R. LUNDIEN, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1967. CONTRACT NOS. NSR 17-004-003 AND NAS 9-7175. STAR N69-32555
NR-E9-EJ-002-00080	SCATTEROMETER DATA ANALYSIS TECHNIQUES. CRES TECHNICAL REPORT 118-3. H.W. MASENTHIN, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1967. CONTRACT NOS. NSR 17-004-003 AND NAS 9-7175. STAR N69-15722.
NR-E9-EJ-185-00094	BONANZA - A SYSTEMS APPROACH TO EARTH RESOURCES. W.W. GODWIN, ET AL., MARTIN MARIETTA CORP., DENVER, COLORADO. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969. PAPER AAS 69-574. MICROFICHE COPY.
NR-E9-00-000-00100	QUARTZ MAGNETIC SENSOR. V.N. BOBROV, ET AL., AKADEMIJA NAUK, SSSR. PUBLISHED IN GEOMAGNETISM AND AERONOMY, VOL. 9, NO. 2, 1969. PP.307-308. MICROFICHE COPY.
NR-E9-EJ-002-00125	REMOTE SENSOR STUDIES OF THE PISGAH CRATER AREA, CALIFORNIA: A PRELIMINARY REPORT. TECHNICAL MEMORANDUM 61-14. L.F. DELLWIG, M.E. BICKFORD, N. KIRK, AND R. WALTERS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. DECEMBER 1965. CONTRACT NUMBER NSR 17-004-003.
NR-E9-QH-000-00175	ROLE OF SATELLITE PHOTOGRAPHS IN PHOTOGEOLOGY. J.G.W. GREENWOOD, INSTITUTE OF GEOLOGICAL SCIENCES, PHOTOGEOLOGY UNIT, LONDON, ENGLAND. PUBLISHED IN NATURE, VOL. 224, NOV. 1969. PP.506-508.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-PJ-000-00176	TECTONIC AERIAL INTERPRETATION IN THE MEDITERRANEAN REGION EXEMPLIFIED BY THE METAMORPHIC SERIES OF EASTERN GREECE, NEAR MARATHON. J. BODECHTEL AND G. PAPADEAS, DEPT. OF GEOLOGY AND MINEROLOGY, UNIVERSITY OF MUNICH, GERMANY. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 23, NO. 6, NOV. 1968. PP.201-210.
NR-E9-EJ-031-00180	RADAR GEOLOGY TEST AREA, WILCOX PLAYA, ARIZONA. JAMES R. SHEPARD, U.S. ARMY CORPS OF ENGINEERS, GIMRADA, FT. BELVOIR, VIRGINIA. JANUARY 1966. CONTRACT NUMBER R-47-009-002.
NR-E9-00-000-00181	VARIANCE OF SOME SELECTED ATTRIBUTES IN GRANITIC ROCKS. NORTHWESTERN UNIVERSITY REPORT NUMBER 16. E.H. TIMOTHY WHITTEN, DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. OCTOBER 1968. CONTRACT NUMBER NGR-14-007-027. STAR N69-30686
NR-E9-00-000-00183	A STATISTICAL ANALYSIS OF THE REFLECTANCE OF IGNEOUS ROCKS FROM 0.2 - 2.65 MICRONS. HOWARD P. ROSS, JOEL E.M. ADLER, AND GRAHAM R. HUNT, SPACE PHYSICS LABORATORY, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, OFFICE OF AEROSPACE RESEARCH, BEDFORD, MASSACHUSETTS. CONTRACT NUMBER NONE.
NR-E9-DJ-056-00184	AIRBORNE MULTIFREQUENCY MICROWAVE RADIOMETRIC SENSING OF AN EXPOSED VOLCANIC PROVINCE. TECHNICAL MEMORANDUM 33-405, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. OCTOBER 15, 1968. JOHN C. BLINN, III, JET PROPULSION LABORATORY, AND PETER CHAPMAN AND JACK GAUDE, UNIVERSITY OF NEVADA. CONTRACT NUMBER NAS 7-100.
NR-E9-EJ-000-00186	IDAHO RIFT SYSTEM, SNAKE RIVER PLAIN, IDAHO. MARTIN PRINZ, DEPT. OF GEOLOGY AND INSTITUTE OF METEORITICS, UNIVERSITY OF NEW MEXICO, ALBUQUERQUE, NEW MEXICO. PUBLISHED IN GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 81, NO. 3, MARCH 1970. PP.941-947.
NR-E9-EJ-114-00197	TERRAIN BIAS ON DOPPLER SYSTEM OUTPUT. REPORT NO. TR-68-6. NASA-CR-101804. H.S. HAYRE, WAVE PROPAGATION LAB., DEPT. OF ELECTRICAL ENGINEERING, UNIVERSITY OF HOUSTON, HOUSTON, TEXAS. 1969. CONTRACT NO. NAS9-6760. STAR N69-36215.
NR-E9-00-000-00212	MASS SPECTROSCOPIC ANALYSIS OF MINERALS AND ROCKS. H. HINTENBERGER, MASS SPECTROSCOPIC DIV. OF THE MAX-PLANCK-INSTITUTE FOR CHEMISTRY, MAINZ, GERMANY. TRANSLATED FROM NATURWISSENSCHAFTEN, VOL. 56, NO. 5, MAY 1969. PP.262-267. STAR N70-28803
NR-E9-00-000-00218	TECHNIQUE OF MAPPING GEOLOGIC FRACTURE TRACES AND LINEAMENTS ON AERIAL PHOTOGRAPHS. COLLEGE OF MINERAL INDUSTRIES CONTRIBUTION NO. 57-9. LAURENCE H. LATTMAN, PENNSYLVANIA STATE UNIVERSITY, PA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 24, NO. 4, 1958. PP.568-576.
NR-E9-EJ-019-00222	RE-EVALUATION OF THE NORMATIVE MINERALS OF SONORA PASS ROCK STANDARDS - UNIVERSITY OF NEVADA REPORTS NO. 7 AND NO. 12. STANFORD RSL TECH REPORT 68-2. I.A. KILINC AND R.J.P. LYON, STANFORD UNIVERSITY, REMOTE SENSING LABORATORY, STANFORD, CALIFORNIA. NOVEMBER 16, 1968. CONTRACT NO. NAS 9-7313. STAR N69-31055
NR-E9-EJ-002-00245	A GEOSCIENCE EVALUATION OF MULTIFREQUENCY RADAR IMAGERY OF THE PISGAH CRATER AREA, CALIFORNIA. CRES REPORT 118-6. LOUIS F. DELLWIG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. SEPTEMBER 1968. CONTRACT NUMBER NAS 9-7175. STAR N69-32638
NR-E9-EJ-000-00246	LINEAMENTS IN THE GRAND CANYON AREA, NORTHERN ARIZONA - A RADAR ANALYSIS. CRES REPORT 118-9. LEE H. JEFFERIS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. FEBRUARY 1969. CONTRACT NUMBER NAS 9-7175. STAR N69-32799



TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-FJ-083-00247	MAJOR LINEAMENTS AND POSSIBLE CALDERAS DEFINED BY SIDE-LOOKING AIRBORNE RADAR IMAGERY, ST. FRANCOIS MOUNTAINS, MISSOURI. CRES REPORT 118-12. ELLIOT GILLERMAN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1968. CONTRACT NUMBER NAS 9-7175. STAR N69-32469
NR-E9-EJ-003-00250	QUANTITATIVE GEOLOGIC ANALYSIS OF MULTIBAND PHOTOGRAPHY FROM THE MONO CRATERS AREA, CALIFORNIA. RSL TECHNICAL REPORT 69-2. GARY I. BALLEW, SCHOOL OF EARTH SCIENCES, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. FEBRUARY 1969. CONTRACT NUMBERS NGR-05-020-115 AND NAS 9-7313.
NR-E9-MH-000-00255	REGIONAL GEOLOGY OF THE NIGER RIVER HEADWATERS AREA DERIVED FROM SPACE PHOTOGRAPHY. REPORT NO. 1610-68-41. J.R. MUHM, MARTIN MARIETTA CORPORATION, ASTROGEOPHYSICS SECTION, DENVER DIVISION, DENVER, COLORADO. OCTOBER 1968.
NR-E9-00-000-00293	THE GEOLOGICAL VALUE OF SIMULTANEOUSLY PRODUCED LIKE- AND CROSS-POLARIZED RADAR IMAGERY. CRES REPORT 61-13. L.F. DELLWIG AND R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE, DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR 17-004-003. APPEARS IN JOURNAL OF GEOPHYSICAL RESEARCH, V.71, NO.14, JULY 15, 1966.
NR-E9-00-000-00294	THE POTENTIAL OF LOW-RESOLUTION RADAR IMAGERY IN REGIONAL GEOLOGIC STUDIES. CRES TECHNICAL REPORT 61-14. L.F. DELLWIG, J.N. KIRK AND R.L. WALTERS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, V.71, NO.20, OCTOBER 15, 1966. PP.4995-4998
NR-E9-EJ-051-00295	GEOLOGIC EVALUATION BY RADAR OF NASA SEDIMENTARY TEST SITE. CRES REPORT 61-24. H.C. MACDONALD AND L.F. DELLWIG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS, AND P.A. BRENNAN, UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NUMBERS NSR-17-004-003 AND NSG-298. REPRINTED FROM IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, V.GE-5, NO.3, DECEMBER 1967, P 72-78.
NR-E9-FJ-998-00322	WHAT'S NEW IN RADAR FOR THE GEOLOGIST? LOUIS F. DELLWIG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSR-17-004-003, NAS 9-7175 AND NSG-298. PRESENTED TO THE HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH COUNCIL, JANUARY 19, 1968, WASHINGTON, D.C.
NR-E9-EJ-998-00324	THE POTENTIAL OF RADAR IN GEOLOGICAL EXPLORATION. CRES REPORT 118-11. L.F. DELLWIG, H.C. MACDONALD AND J.N. KIRK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NAS 9-7175. PUBLISHED IN THE PROCEEDINGS OF THE FIFTH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, APRIL 1968, P 747-763.
NR-E9-00-000-00329	RADAR IMAGERY, A NEW TOOL FOR THE GEOLOGIST. CRES TECHNICAL MEMORANDUM 61-50. J.N. KIRK AND R.L. WALTERS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. PUBLISHED IN THE COMPASS OF SIGMA GAMMA EPSILON, V.43, NO.2, JANUARY 1966, P 85-93.
NR-E9-00-000-00331	GEOLOGIC ENVIRONMENT OF HVDC GROUND CURRENTS AS RELATED TO BURIED PIPELINES. I.C. BECHTOLD, LA HABRA, CALIFORNIA, AND R.H. JAHNS, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. PAPER NO. 42, PREPRINT, NATIONAL ASSOCIATION OF CORROSION ENGINEERS, 1968 CONFERENCE, CLEVELAND, OHIO.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-DJ-998-00371	CHOLAME AREA-SAN ANDREAS FAULT ZONE-CALIFORNIA. A STUDY IN SLAR. CRES REPORT NO. 118-10. R.S. WING AND L.F. DELLWIG, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. APRIL 1969. CONTRACT NUMBER NAS 9-7175.
NR-E9-00-000-00383	THE 1968 COLLAPSE OF FERNANDINA CALDERA, GALAPAGOS ISLANDS. TOM SIMKIN AND KEITH A. HOWARD, SMITHSONIAN INSTITUTION, WASHINGTON, D.C. 16 DECEMBER 1968.
NR-E9-00-000-00387	INSTRUMENTAL NEUTRON-ACTIVATION ANALYSIS OF 'STANDARD ROCKS'. A.O. BRUNFELT, UNIVERSITY OF OSLO, NORWAY, AND EILIV STEINNES, INSTITUTT FOR ATOMENERGI, KJELLER, NORWAY. PUBLISHED IN GEOCHIMICA ET COSMOCHIMICA ACTA, V.30, SEPT. 1966, P.921-928.
NR-E9-00-000-00392	GAMMA ACTIVATION ANALYSIS OF ROCKS AND ORES. BASED ON THE TRANSLATED PAPER SM-68/59, PRESENTED AT THE IAEA SYMPOSIUM, WARSAW, OCT. 18-22, 1965. PUBLISHED IN ISOTOPES AND RADIATION TECHNOLOGY, V.3, NO.4, SUMMER 1966, P.334-339.
NR-E9-00-000-00395	PRESENT STATE AND USE OF BASIC NUCLEAR GEOPHYSICAL METHODS FOR INVESTIGATING ROCKS AND ORES. A.K. BERZIN, ET. AL., INSTITUTE OF THE STATE GEOLOGICAL COMMITTEE, MOSCOW, USSR. PUBLISHED IN ATOMIC ENERGY REVIEW, V.4 NO.2, 1966, P.59-111.
NR-E9-00-000-00396	ON THE ERRORS IN CONCENTRATION DETERMINATIONS OF RADIOACTIVE ELEMENTS IN ROCKS OBTAINED BY GAMMA-EMISSION MEASUREMENTS USING THRESHOLD AND DIFFERENTIAL SPECTROMETERS. N.D. BALYASNYI, ET. AL., ACADEMY OF SCIENCE, MOSCOW, USSR. TRANSLATION OF PAPER PUBLISHED IN IZVESTIA AKADEMIJA NAUK SSSR, FIZ.ZEMLI, NO.4, 1966, P.89-97.
NR-E9-00-000-00397	CORRECTION FOR BACKGROUND IN DETERMINATION OF RARE-EARTH ELEMENTS BY X-RAY SPECTROSCOPY. R.A. KRAVCHENKO-BREZHNOI AND L.I. POLEZHAeva, ACADEMY OF SCIENCES, KIRO GEOLOGICAL INSTITUTE, USSR. TRANSLATED FROM ZAVODSKAYA LABORATORIYA, V.34, NO.4, APRIL 1965, P.436-440.
NR-E9-00-000-00399	EXPERIENCE GAINED IN DETERMINING RADIUM, THORIUM, AND POTASSIUM IN ROCKS BY MEANS OF A DATA TRANSMITTER BASED ON A NaI(Tl) CRYSTAL ABOARD AN AIRPLANE. L.I. BOLTNEVA, ET. AL. TRANSLATED FROM ATOMNAYA ENERGIYA, V.13, NO.3, SEPTEMBER 1962, P.280-282.
NR-E9-00-000-00400	UNDERGROUND RECORDING OF COSMIC RADIATION FOR THE PURPOSE OF SOLVING CERTAIN GEOLOGICAL PROBLEMS. YA.L. BLOKH, V.M. BONDARENKO, AND A.G. TARKHOV, ACADEMY OF SCIENCES, MOSCOW, USSR. PUBLISHED IN GEOMAGNETISM AERONOMY, V.3, 1963, P.320-323.
NR-E9-00-000-00402	THE DETERMINATION OF ANTIMONY IN NATURAL MATERIALS BY NEUTRON ACTIVATION. DISSERTATION BY JAMES THOMAS TANNER, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY, 1966. U.S. ATOMIC ENERGY COMMISSION, CONTRACT AT-(40-1)-2670.
NR-E9-EJ-998-00404	GEOLOGIC APPLICATIONS OF ORBITAL PHOTOGRAPHY. TN D-4155. PAUL D. LOWMAN, JR., GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. DECEMBER 1967. STAR N68-11714.
NR-E9-EJ-998-00407	TEXAS LINEAMENT TRACED ON EARTH PHOTOGRAPHS TAKEN FROM SPACE. TECHNICAL LETTER TP 7-3. YEHUDA KEDAR, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JUNE 1970.
NR-E9-FJ-085-00408	AN EVALUATION OF RADAR IMAGERY FOR STRUCTURAL ANALYSIS IN GENTLY DEFORMED STRATA: A STUDY IN NORTHEAST KANSAS. CRES TECHNICAL REPORT 118-16. LEE H. JEFFERIS, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1969. CONTRACT NO. NAS 9-7175.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-00-000-00411	SPACE PHOTO POINTS WAY TO OIL. DUNCAN A. MCNAUGHTON AND WILLIAM A. HUCKABA, PETROLEUM CONSULTANTS, DALLAS, TEXAS. PUBLISHED IN THE OIL AND GAS JOURNAL, JUNE 13, 1966. P.132-136.
NR-E9-FH-175-00412	PUT GEOLOGY SURVEYS IN ORBIT TO FIND OIL. FRANK J. WOBBER, IBM CORP., FEDERAL SYSTEMS DIV., BETHESDA, MD. REPRINT FROM THE OIL AND GAS JOURNAL. DEC. 11, 1967.
NR-E9-00-000-00414	SPACE AGE PROSPECTING. FRANK J. WOBBER, IBM CORP., FEDERAL SYSTEMS DIV., BETHESDA, MD. REPRINTED FROM WORLD MINING, JUNE 1968.
NR-E9-FH-175-00415	ORBITAL PHOTOGRAPHY. APPLIED EARTH SURVEY TOOL. FRANK J. WOBBER, IBM CORP., FEDERAL SYSTEMS DIV., BETHESDA, MD. REPRINTED FROM PHOTOGRAPHIC APPLICATIONS IN SCIENCE, TECHNOLOGY AND MEDICINE, SUMMER 1968.
NR-E9-00-000-00423	THERMAL DYNAMICS AT THE EARTH-AIR INTERFACE. THE IMPLICATIONS FOR REMOTE SENSING OF THE GEOLOGIC ENVIRONMENT. RSL TECHNICAL REPORT 69-4. ROSSMAN W. SMITH, JR., STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. JULY 8, 1969. CONTRACT NUMBERS USDI 14-08-0001-11872 AND NAS9-7313.
NR-E9-00-000-00427	DEPENDENCE OF RADIOACTIVITY AND TRACE ELEMENT CONTENT IN SEDIMENTARY ROCKS ON THE MECHANICAL COMPOSITION OF THE ROCKS. A.L. KOVALEVSKIY, BURYAT INTER-SCIENCE RESEARCH INSTITUTE, SIBERIAN BRANCH OF THE ACADEMY OF SCIENCES USSR, ULAN-UDE. TRANSLATED FROM GEOKHIMIYA, NO. 3, PP.362-368, 1966.
NR-E9-EJ-181-00434	GEOLOGIC ORBITAL PHOTOGRAPHY: EXPERIENCE FROM THE GEMINI PROGRAM. NASA TM X-63244. PAUL D. LOWMAN, JR., GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JUNE 1968. ALSO IN PHOTOGRAMMETRIA, VOL. 24, 1969. PP.77-106. STAR N68-27615. REPORT NO. X-644-68-228.
NR-E9-00-000-00440	A TERRAIN BRIEF. (NORTH NIGERIA) M.E.X.E. TEST REPORT 931. MILITARY ENGINEERING EXPERIMENTAL ESTABLISHMENT, CHRISTCHURCH, UNITED KINGDOM. NOVEMBER 1965 (REPRINT FEBRUARY 1967) STAR N68-81461.
NR-E9-QJ-000-00441	GEOLOGICAL STRUCTURES OF THE RED SEA AREA INFERRED FROM SATELLITE PICTURES. MONEM ABDEL-GAWAD, SCIENCE CENTER NORTH AMERICAN ROCKWELL CORP., THOUSAND OAKS, CALIFORNIA. PUBLISHED IN HOT BRINES AND RECENT HEAVY METAL DEPOSITS IN THE RED SEA, EGON T. DEGENS, AND DAVID A. ROSS, EDITORS, SPRINGER-VERLAG NEW YORK, INC., 1969, PP.25-37. W70-07680
NR-E9-00-000-00442	APPLICATION OF NEUTRON ACTIVATION ANALYSIS TO GEOLOGY. D.I. LEIPUNSKAYA, R.A. REZVANOV, AND V.I. DRYNKIN, ACADEMY OF SCIENCES, MOSCOW, USSR. AEC TRANSLATION 6390, P.355-364.
NR-E9-CG-998-00483	GEOLOGIC EVALUATION OF RADAR IMAGERY FROM DARIEN PROVINCE, PANAMA. CRES TECHNICAL REPORT 133-6. HAROLD C. MACDONALD, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JUNE 1969. CONTRACT NUMBERS DAAK02-68-C-0089 AND NAS 9-7175. STAR N69-40572.
NR-E9-EJ-998-00487	SPACE PHOTOGRAPHY - A NEW ANALYTICAL TOOL FOR THE SEDIMENTOLOGIST. FRANK J. WOBBER, IBM, FEDERAL SYSTEMS DIVISION, BETHESDA, MARYLAND. REPRINTED FROM SEDIMENTOLOGY, VOL. 9, 1967, PP.265-317.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-BH-057-00489	INFRARED SURVEYS OF HAWAIIAN VOLCANOES. W.A. FISCHER AND R.M. MOXHAM, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PUBLISHED IN SCIENCE, VOL. 146, NO. 3646, NOV. 6, 1964. PP.733-742.
NR-E9-00-000-00519	TERRAIN ANALYSIS BY ELECTROMAGNETIC MEANS. REPORT 4. LABORATORY INVESTIGATIONS OF THE INFRARED EMISSIVITY OF SOILS BELOW A WAVELENGTH OF 7.7 MICRONS. TECHNICAL REPORT NO. 3-893. N.J. LAVECCHIA, JR. AND A.N. WILLIAMSON, JR., U.S. ARMY CORPS OF ENGINEERS, WATERWAYS EXPERIMENT STATION, VICKSBURG, MISSISSIPPI. MAY 1967. STAR X67-21482.
NR-E9-00-000-00528	STRUCTURAL EFFECTS OF SEA-FLOOR SPREADING IN THE GULF OF ADEN AND RED SEA ON THE ARABIAN SHIELD. PETER J. BURK, SOUTHWEST CENTER FOR ADVANCED STUDIES, GEOSCIENCES DIVISION, DALLAS, TEXAS. JUNE 1968. CONTRACT NUMBERS NSG-269-62 AND NAS9-87671.
NR-E9-00-000-00529	TECTONIC EFFECTS OF SEA-FLOOR SPREADING ON THE ARABIAN SHIELD. (CONTRIBUTION NO. 81). PETER J. BURK, SOUTHWEST CENTER FOR ADVANCED STUDIES, GEOSCIENCE DIV., DALLAS, TEXAS. 1969. CONTRACT NUMBERS NSG-269-62 AND NAS9-87671.
NR-E9-00-000-00531	PROSPECTS OF GEOLOGICAL INVESTIGATIONS IN THE ANTARCTIC IN THE ANTARCTIC IN 1960-1965. M.G. RAVICH, USSR. MARCH 1968. PUBLICATIONS OF THE ACADEMY OF SCIENCES OF THE USSR, MOSCOW, 1961. PP.25-37. MICROFICHE COPY. STAR N68-24377.
NR-E9-00-000-00535	INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE. REPORT NO. AFRL-67-0448. DAVID G. MURCRAE, ET AL., DENVER UNIVERSITY, DEPT. OF PHYSICS, DENVER, COLORADO. JULY 1967. CONTRACT NO. AF 19(628)-4797. MICROFICHE COPY. STAR N67-40218.
NR-E9-EJ-000-00547	PHOTOINTERPRETIVE MAPPING FROM SPACE PHOTOGRAPHS OF QUATERNARY GEOMORPHIC FEATURES AND SOIL ASSOCIATIONS IN NORTHERN CHIHUAHUA AND ADJOINING NEW MEXICO AND TEXAS. ROGER B. MORRISON, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. PUBLISHED IN NEW MEXICO GEOLOGICAL SOCIETY - TWENTIETH FIELD CONFERENCE, 1969. PP.116-130.
NR-E9-00-000-00554	VII. GLACIOLOGY. G. HATTERSLEY SMITH, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA, CANADA. PUBLISHED IN CANADIAN GEOPHYSICS BULLETIN, VOL. 5, 1962, P.95-109. STAR X68-81036.
NR-E9-EJ-029-00555	DEVELOPMENT IN AERIAL COLOR PHOTOGRAPHY FOR TERRAIN ANALYSIS. ABRAHAM ANSON, SYSTEMS BRANCH, INTELLIGENCE DIV., U.S. ARMY ENGINEER, GIMRADA, FT. BELVOIR, VIRGINIA. MARCH 1968. REPRINTED FROM PHOTOGRAMMETRIC ENGINEERING, OCT. 1968, PP.1048-1057.
NR-E9-EJ-031-00559	GEOLOGY, MINERALOGY, AND HYDROLOGY OF U.S. PLAYAS. REPORT NO. AFRL-65-266. JAMES T. NEAL, U.S. AIR FORCE, OFFICE OF AEROSPACE RESEARCH, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. 1965. CONTRACT NO. AF 19(628)-2486. MICROFICHE COPY. STAR N65-29540.
NR-E9-00-000-00560	PHOTOGEOLOGY OF THE SAHARA AND THE KALAHARI FROM TIROS. JAMES W. SKEHAN, BOSTON COLLEGE, CHESTNUT HILL, MASS. DEC. 1965. CONTRACT NO. AF19(628)-3990. MICROFICHE COPY. STAR N66-21891.
NR-E9-EJ-000-00562	PHYSICAL CHARACTERISTICS OF ALLUVIAL FANS. ROBERT L. ANSTAY U.S. ARMY, NATICK LABORATORIES, NATICK, MASS. DEC. 1965. MICROFICHE COPY. STAR N65-81674.
NR-E9-EJ-029-00576	A COMPARATIVE STUDY OF PHOTOGRAPHY FOR SOILS AND TERRAIN DATA. OLIN W. MINTZER, U.S. ARMY ENGINEER TOPOGRAPHIC LAB., GEOGRAPHIC SCIENCES DIV., FORT BELVOIR, VIRGINIA. APRIL 1968. STAR N68-30679. MICROFICHE AND HARD COPY.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-HJ-000-00580	MULTISPECTRAL PHOTOGRAPHIC STUDIES OF A RED-BED FACIES, MINAS BASIN, NOVA SCOTIA. REPORT NO. AFCL-67-0603. GEORGE D. BROWN, JR., U.S. AIRFORCE CAMBRIDGE RESEARCH LAB., OFFICE OF AEROSPACE RESEARCH, BEDFORD, MASS. NOVEMBER 1967. MICROFICHE AND HARD COPY. N68-26340 AD-668 438
NR-E9-DJ-024-00581	GEOPHYSICAL STUDY OF BASIN-RANGE STRUCTURE, DIXIE VALLEY REGION, NEVADA. FINAL SCIENTIFIC REPORT, PARTS I-VIII, JAN. 1964-DEC. 1966. GEORGE A. THOMPSON, ET AL., STANFORD UNIV., GEOPHYSICS DEPT., REMOTE SENSING LAB., STANFORD, CALIFORNIA. CONTRACT NO. AF 19(628)-3867. MICROFICHE COPY. STAR N67-40021.
NR-E9-00-000-00594	APPLICATIONS OF COHERENT OPTICS TO GEOLOGICAL IMAGERY. REPORT NO. AFCL-69-0135. R.H. MITCHEL AND F.B. ROTZ, UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LAB., ANN ARBOR, MICHIGAN. AUG. 1969. CONTRACT NO. F19628-67-C-0402. STAR N70-11038.
NR-E9-EJ-998-00595	DETAILED GROUND STUDY OF 8 - 13 MICRON INFRARED IMAGERY, CARRIZON PLAINS, CALIFORNIA. ROBERT W. CAMPBELL, JR., LAWRENCE D. HOOVER AND FRANCISCO QUEROL-SUNE, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, REMOTE SENSING LAB., STANFORD, CALIFORNIA. JANUARY 1970. STANFORD REMOTE SENSING LAB. TR NO. 70-1. CONTRACT NUMBERS NAS9-7313 AND USDI 14-08-0001-11872. N70-33736.
NR-E9-00-000-00602	MINERIA EN LA ERA ESPACIAL. FRANK J. WOBBER, IBM FEDERAL SYSTEMS CENTER, GAITHERSBURG, MARYLAND. REPRINTED FROM HIERRO Y FUTURO (LIMA, PERU), NO. 75, SEPTEMBER 1968.
NR-E9-BH-057-00614	LA DETECTION A DISTANCE - PROGRES RECENTS DE LA PHOTO-GEOLOGIE. M. GUY, ECOLE NATIONALE SUPERIEURE DU PETROLE ET DES MOTEURS, RUEIL-MALMAISON, FRANCE. PUBLISHED IN ANNALES DES MINES, FEB. 1969, PP.29-72.
NR-E9-HK-000-00619	COLOR AIRPHOTOS FOR TERRAIN ANALYSIS IN MAINE. TECHNICAL PAPER 68-5R. E.G. STOECKELER, MAINE STATE HIGHWAY COMMISSION, MATERIALS AND RESEARCH DIV., AUGUSTA, MAINE. NOV. 1968. STAR N69-35460.
NR-E9-EJ-000-00624	COLOR AERIAL PHOTOGRAPHY IN GEOLOGIC INVESTIGATIONS. (SOME RESULTS OF RECENT STUDIES) W.A. FISCHER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 28, NO. 1, 1962. PP.133-139.
NR-E9-00-000-00630	GEOLOGISCHE UND BODENKUNDLICHE BEOBSACHTUNGSMOGLICHKEITEN AUS DER LUFT IM ABLAUF DER JAHRESZEITEN. R. MÜHLFELD, BUNDESANSTALT FÜR BODENFORSCHUNG, HANNOVER, DEUTSCHLAND. OFF PRINT FROM ACTES DU IIE SYMPOSIUM INTERNATIONAL DE PHOTO-INTERPRETATION, PARIS, 1966. PP.IV-107-114.
NR-E9-QJ-000-00634	APPLICATION OF SPACE PHOTOGRAPHS FOR GEOMORPHOLOGICAL STUDY - TAURUS MOUNTAINS, TURKEY. NASA TECHNICAL LETTER TP7-1. YEHUDA KEDAR, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. AUGUST 1969. STAR N70-15222.
NR-E9-00-000-00643	SPECTRAL DIFFUSE REFLECTANCE OF DESERT SURFACES. EDWARD V. ASHBURN AND RODNEY G. WELDON, MICHELSON LABORATORY, U.S. NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 46, NO. 8, AUG. 1956. PP.583-586.
NR-E9-00-000-00644	AUTOMATIC RECOGNITION OF BASIC TERRAIN TYPES FROM AERIAL PHOTOGRAPHS. AZRIEL ROSENFELD, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 28, 1962. PP.115-132.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-00-000-00646	OPTICAL CORRELATION FOR TERRAIN TYPE DISCRIMINATION. ALBERT GOLDSTEIN, HULL ELECTRONICS CO., LONG ISLAND, N.Y. AND AZRIEL ROSENFELD, NOW AT NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. PRESENTED AT THE 7TH NATIONAL CONVENTION ON MILITARY ELECTRONICS, WASHINGTON, D.C. SEPT. 1963. PP.420-424.
NR-E9-GK-126-00671	RELICT DIAGENETIC TEXTURES AND STRUCTURES IN REGIONAL METAMORPHIC ROCKS, NORTHERN MICHIGAN. (NASA GEOLOGICAL TEST SITE NO. 126) NORTHWESTERN UNIVERSITY REPORT NO. 20. CHRISTOPHER MCA. POWELL, DEPT. OF GEOLOGICAL SCIENCES, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. JANUARY 1970. CONTRACT NUMBER NGR-14-007-027.
NR-E9-FJ-034-00684	SEDIMENTARY PETROLOGY AND HISTORY OF THE HAYMOND FORMATION (PENNSYLVANIAN), MARATHON BASIN, TEXAS. REPORT OF INVESTIGATION 57. E.F. MCBRIDE, UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY, AUSTIN, TEXAS. MARCH 1966.
NR-E9-00-000-00685	SPECTRAL REFLECTANCE PROPERTIES OF NATURAL FORMATIONS REPORT NO. NRC TT-439. E.L. KRIMOV, AERO METHODS LAB, ACADEMY OF SCIENCES, USSR. 1953. NATIONAL RESEARCH COUNCIL OF CANADA, TECHNICAL TRANSLATION 439.
NR-E9-00-000-00686	GEOLOGICAL APPLICATIONS OF OPTICAL DATA PROCESSING. HOWARD J. PINCUS, OHIO STATE UNIVERSITY, AND MILTON B. DOBRIN, UNITED GEOPHYSICAL CORP., PASADENA, CALIFORNIA. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 71, NO. 20, OCTOBER 1966. PP.4861-4869.
NR-E9-00-000-00690	AIRBORNE GEOPHYSICAL REMOTE SENSORS FOR MINERAL AND WATER RESOURCES EXPLORATION. J. MACDOWALL, CANADA CENTRE FOR IN-LAND WATERS, CANADA. PRESENTED AT ANGLO-AMERICAN AERONAUTICAL CONFERENCE, 11TH, LONDON, ENGLAND, SEPT. 1969: RAES PAPER 8. MICROFICHE COPY.
NR-E9-00-000-00695	POLYCHROMATIC TERRAIN IMAGING. NASA CR-64938. G.G. SHEPARD, OHIO STATE UNIVERSITY, RESEARCH FOUNDATION, COLUMBUS, OHIO. MAY 1965. CONTRACT NUMBER NSR-36-008-027. MICROFICHE COPY. STAR X65-19661.
NR-E9-00-000-00696	GEOLOGICAL INTERPRETATION OF HYPERALTITUDE: PHOTOGRAPHS FROM GEMINI SPACECRAFT. H.E.C. VAN DER NEER MOHR, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. PRESENTED AT INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND, JULY 1968. MICROFICHE COPY.
NR-E9-EJ-031-00720	SATELLITE PICTURE SHOWS BISBEE-DOUGLAS. FRANK J. WOHER, IBM FEDERAL SYSTEMS DIV., GAITHERSBURG, MARYLAND. REPRINTED FROM WORLD MINING, VOL. 21, NO. 13, DEC. 1968. P.49. ALSO COPY FROM PAY DIRT MAGAZINE, JAN. 27, 1969 WITH ADDED EXPLANATION ON AREA PHOTOGRAPHED.
NR-E9-00-000-00725	RADAR MEASUREMENT OF THE THICKNESS OF MOUNTAIN GLACIERS. V.V. BOGORODSKII AND G.V. TREPOV, USSR. PUBLISHED IN SOVIET PHYSICS - TECHNICAL PHYSICS, VOL. 13, NO. 8, FEBRUARY 1969. PP.1135-1136.
NR-E9-00-000-00728	A TERRAIN EVALUATION SYSTEM FOR ENGINEERING. K. GRANT, COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, AUSTRALIA. APRIL 1968. STAR N69-22204.
NR-E9-00-000-00730	NEW EVIDENCE OF TRANSCURRENT MOVEMENTS IN RED SEA. NORTH AMERICAN ROCKWELL MONOGRAPH 577. MONEM ABDEL-GAWAD, NORTH AMERICAN ROCKWELL CORP., SCIENCE CENTER, THOUSAND OAKS, CALIFORNIA. REPRINTED FROM AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS BULLETIN, VOL. 53, NO. 7, JULY 1969. PP.1466-1479.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-QH-000-00731	THE GULF OF SUEZ - A BRIEF REVIEW OF STRATIGRAPHY AND STRUCTURE. MONEM ABDEL-GAWAD, NORTH AMERICAN ROCKWELL CORP. SCIENCE CENTER, THOUSAND OAKS, CALIFORNIA. JUNE 1969.
NR-E9-QH-000-00733	INTERPRETATION OF SATELLITE PHOTOGRAPHS OF THE RED SEA AND GULF OF ADEN. MONEM ABDEL-GAWAD, NORTH AMERICAN ROCKWELL CORP., SCIENCE CENTER, THOUSAND OAKS, CALIFORNIA. PRESENTED AT THE ROYAL SOCIETY (LONDON) MEETING ON THE STRUCTURE AND EVALUATION OF THE RED SEA, AND THE NATURE OF THE RED SEA, GULF OF ADEN AND ETHIOPIAN RIFT JUNCTION, MARCH 1969.
NR-E9-RJ-000-00737	UTILIZATION OF AERIAL PHOTOGRAPHY FOR THE GEOGRAPHIC STUDY OF THE DESERTS OF CENTRAL ASIA. M.P. PETROV, ACADEMIA NAUK, SSSR, LABORATORIIA AEROMETODOV. 1961. MICROFICHE COPY. STAR N70-11721.
NR-E9-EJ-998-00745	STATISTICAL EVALUATION OF THE COMPOSITION, PHYSICAL PROPERTIES, AND SURFACE CONFIGURATION OF TERRESTRIAL TEST SITES AND THEIR CORRELATION WITH REMOTELY SENSED DATA. SEMI-ANNUAL STATUS REPORT - MARCH 31, 1968. NORTHWESTERN UNIVERSITY REPORT NUMBER 15. DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. MAY 24, 1968. CONTRACT NUMBER NGR-14-007-027. STAR X68-16119.
NR-E9-CK-126-00746	STATISTICAL EVALUATION OF THE COMPOSITION, PHYSICAL PROPERTIES, AND SURFACE CONFIGURATION OF TERRESTRIAL TEST SITES AND THEIR CORRELATION WITH REMOTELY SENSED DATA. SEMI-ANNUAL STATUS REPORT - SEPTEMBER 30, 1968. NORTHWESTERN UNIVERSITY REPORT NO. 18. E.H. TIMOTHY WHITTEN DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. CONTRACT NUMBER NGR-14-007-027. STAR X69-10963.
NR-E9-00-000-00774	INSTRUMENT DETAILS AND APPLICATIONS OF NEW AIRBORNE MAGNETOMETER. HOMER JENSEN, AERO SERVICE CORP., PHILADELPHIA, PA. PUBLISHED IN GEOPHYSICS, VOL. 30, NO. 5, OCT. 1965. PP.875-882.
NR-E9-00-000-00788	BLOCK DIAGRAMS OF LANDSCAPES FOR TERRAIN CLASSIFICATION. REPORT NO. M.E.X.E. TN-6/66. C.J. LAWRENCE, MILIARY ENGINEERING EXPERIMENTAL ESTABLISHMENT, CHRISTCHURCH, ENGLAND. JANUARY 1968. STAR N69-38024.
NR-E9-DK-068-00816	THE GEOLOGIC STORY OF MT. RAINIER. U.S. GEOLOGICAL SURVEY BULLETIN 1292. DWIGHT R. CRANDELL, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969.
NR-E9-00-000-00845	THERMOCHEMICAL REMANENT MAGNETIZATION (TCRM) IN BASALTIC ROCKS - EXPERIMENTAL CHARACTERISTICS. P.J. WASILENSKI, UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA. PUBLISHED IN JOURNAL OF GEOMAGNETISM AND GEOELECTRICITY, VOL. 21, NO. 3, 1969. PP.595-613.
NR-E9-EJ-181-00851	ORBITAL IMAGES FOR PLACER PROSPECTING. FRANK J. WOBBER, IBM FEDERAL SYSTEMS DIV., GAITHERSBURG, MARYLAND. REPRINTED FROM WORLD MINING, JUNE 1969, P.36.
NR-E9-00-000-00852	GEOLOGICAL DATA ACQUISITION FROM SPACE. FRANK J. WOBBER, IBM SPACE SYSTEMS CENTER, BETHESDA, MARYLAND. PRESENTED AT IBM ENVIRONMENTAL SCIENCES TECHNICAL SEMINAR, ARMONK, N.Y. OCT. 1967, PROCEEDINGS, PP.45-47.



- | ACCESSION NUMBER   | DESCRIPTION  |
|--------------------|--|
| NR-E9-GJ-000-00853 | FRACTURE TRACES IN ILLINOIS. FRANK J. WOBBER, IBM SPACE SYSTEMS CENTER, BETHESDA, MARYLAND. REPRINTED FROM PHOTOGRAMMETRIC ENGINEERING, VOL. 33, MAY 1967, PP.499-506.   |
| NR-E9-00-000-00854 | SPACE PHOTOGRAPHY AS A SEDIMENTOLOGICAL RESEARCH TOOL. FRANK J. WOBBER, IBM CORP., ROCKVILLE, MARYLAND. PREPRINT OF PAPER PRESENTED AT AMERICAN SOCIETY OF PHOTOGRAMMETRY, SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS, OCT. 1968.   |
| NR-E9-NH-000-00871 | PHOTO-INTERPRETATION STUDIES OF DESERT BASINS IN NORTHERN AFRICA. PART I, FINAL REPORT, MARCH 1963-JULY 1968. REPORT NO. AFRL-68-0590. H.T.U. SMITH, UNIVERSITY OF MASSACHUSETTS, AMHERST, MASS. JUNE 1969. CONTRACT NUMBER AF19(628) 2486. STAR N69-38093. MICROFICHE AND HARD COPY.  |
| NR-E9-00-000-00875 | BESTIMMUNG DER DICHTEN VON GESTEINEN NACH DER GAMMA-ABSORPTIONSMETHODE BEI SCHMALEM STRAHLENBUNDSEL MIT DEM SZINTILLATIONSZÄHLER. TRANSLATION - DETERMINATION OF THE DENSITY OF ROCK BY THE GAMMA-ABSORPTION METHOD USING A NARROW BEAM OF RAYS WITH THE SCINTILLATION COUNTER. A.R. VOLKER, KARL-MARX UNIVERSITY, LEIPZIG, GERMANY. PUBLISHED IN GEOPHYSIK UND GEOLOGIE, FOLGE 7, 1965. PP.84-95. |
| NR-E9-00-000-00878 | ESPECTROMETRIA INFRAROJA DE SILICATOS DE URANIO Y CALCIO. INFRARED SPECTROGRAPHY OF URANIUM AND CALCIUM SILICATES. IN SPANISH WITH ENGLISH SUMMARY. O. BRIEUX DE MANDIROLA, ET AL., PUBLISHED IN ANALES DE LA ASOCIACION QUIMICA ARGENTINA, VOL. 49, DEC. 1962. PP.293-302.  |
| NR-E9-00-000-00879 | GAMMA-SPECTROMETRIC ANALYSIS OF NATURAL LOW-ACTIVITY ROCKS EMPLOYED IN PETROGENETIC INVESTIGATIONS, STUDIES OF MINERAL DEPOSITS AND AS A RAPID METHOD FOR THE ROUGH ESTIMATION OF THE AGES OF ROCKS. R. LAUTERBACH. PUBLISHED IN KERNENERGIE JAHRGANG 7, HEFT 8, AUG. 1964. PP.622-628.  |
| NR-E9-EJ-114-00895 | TERRAIN BIAS ON RADAR DOPPLER SPECTRUM. H.S. HAYRE, UNIVERSITY OF HOUSTON, WAVE PROPAGATION LAB., HOUSTON, TEXAS NOVEMBER 1968.  |
| NR-E9-00-000-00896 | PHOTOGEOLOGIC PROCEDURES IN GEOLOGIC INTERPRETATION AND MAPPING. GEOLOGICAL SURVEY BULLETIN 1043-A. RICHARD G. RAY, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1956.   |
| NR-E9-00-000-00908 | A FORTRAN IV PROGRAM FOR TWO-DIMENSIONAL AUTO CORRELATION ANALYSIS OF GEOLOGIC AND REMOTELY-SENSED DATA. NORTHWESTERN UNIVERSITY REPORT NO. 21. W.B. HEMPKINS, CHEVRON OIL FIELD RESEARCH CO., LA HABRA, CALIF. NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. FEB. 1970. CONTRACT NO. NGR-14-007-027. REPORT NO. NASA CR-104213. STAR N70-20446.  |
| NR-E9-FJ-212-00915 | GEOLOGY OF THE MARATHON REGION - TEXAS. GEOLOGICAL SURVEY PROFESSIONAL PAPER 187. PHILIP B. KING, U.S. GEOLOGICAL SURVEY, WASH., D.C. 1937.  |
| NR-E9-00-000-00922 | UTILIZATION OF THE RESULTS OF GEOBOTANICAL INTERPRETATIONS OF AERIAL PHOTOGRAPHS IN LANDSCAPE INVESTIGATIONS OF THE NORTHERN CASPIAN SEA REGION. TRANSLATED FROM RUSSIAN. A.M. SHVYRYAEVA, USSR. JUNE 1969. STAR N70-11123. MICROFICHE COPY.   |
| NR-E9-00-000-00923 | THE USE OF THE RESULTS OF GEOBOTANIC INTERPRETATION OF AERIAL PHOTOGRAPHS AND THE IDENTIFICATION OF LANDSCAPE FEATURES OF TERRITORIES. LENS FORMATION OF LEAKAGE WATERS ON BLACK EARTH AND IN THE SARPINSK LOWLAND. N.N. IORDANSKAYA AND A.V. SHAVYRINA, USSR. OCT. 1969. MICROFICHE COPY. STAR N70-15123 AD-695-956   |



TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-WE-000-00927	THE GEOLOGY OF THE DUARINGA AND SAINT LAWRENCE 1 TO 250000 SHEET AREAS, QUEENSLAND. E.J. MALONE, ET AL., BUREAU OF MINERAL RESOURCES, CANBERRA, AUSTRALIA. 1969. STAR N69-41353. MICROFICH COPY.
NR-E9-00-000-00946	GEOLOGIE AUF SATELLITENBILDERN. DR. DIETER BANNERT, BUNDESANSTALT FUR BODENFORSCHUNG, HANOVER, GERMANY. REPRINT FROM NATURWISSENSCHAFTLICHE RUNDSCHAU, BAND 22, HEFT 12, DEC. 1969. PP.517-524. A70-16073
NR-E9-00-000-00957	AN AEROMAGNETIC SURVEY OF THE EASTERN MEDITERRANEAN SEA AND ITS INTERPRETATION. P.R. VOGT AND R.H. HIGGS, U.S. NAVAL OCEANOGRAPHI OFFICE, WASHINGTON, D.C. PUBLISHED IN EARTH AND PLANETARY SCIENCE LETTERS, VOL. 5, 1969. PP.439-448. AD-695-855.
NR-E9-EJ-210-00961	LOW-SUN-ANGLE VERTICAL PHOTOGRAPHY VERSUS THERMAL INFRARED SCANNING IMAGERY. ARTHUR D. HOWARD, STANFORD UNIVERSITY, STANFORD, CALIFORNIA AND JOSE MERCADO, MERCADO AERIAL SURVEYS, REDWOOD, CALIFORNIA. PUBLISHED IN GEOLOGICAL SOCIETY OF AMERICAN BULLETIN, VOL. 81, NO. 2, FEB. 1970 PP.521-524.
NR-E9-EJ-210-00967	THERMAL INFRARED IMAGERY AND ITS APPLICATION TO STRUCTURAL MAPPING IN SOUTHERN CALIFORNIA. FLOYD F. SABINS, JR., CHEVRON OIL FIELD RESEARCH CO., LA HABRA, CALIFORNIA. PUBLISHED IN GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 80, MARCH 1969. PP.397-404.
NR-E9-00-000-00970	COMMENTS ON A MICROWAVE RADIONETRIC STUDY OF BURIED KARST TOPOGRAPHY. KENNETH A. RICHER, U.S. ARMY BALLISTIC RESEARCH LAB., ABERDEEN PROVING GROUND, MARYLAND. PUBLISHED IN GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 81, NO. 2, FEB. 1970. PP.585-588.
NR-E9-XJ-000-00972	ON IR IMAGERY AND ITS APPLICATION TO THE MAPPING OF GEOTHERMAL DISTRIBUTIONS. K. MATSUNO, H. HASE, AND K. NISHIMURA, GEOLOGICAL SURVEY OF JAPAN, KAWASAKISHI, JAPAN. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 25, DEC. 1969. PP.61-74. A70-16498.
NR-E9-00-000-00986	AERIAL PHOTOS TO LOCATE GRANULAR FILL MATERIAL. DOSS NEELY, U.S. ARMY CORPS OF ENGINEERS, TULSA, OKLAHOMA AND MOHAMED A. ABDEL-HADY, OKLAHOMA STATE UNIVERSITY, STILLWATER, OKLAHOMA. PRESENTED AT AMERICAN SOCIETY OF CIVIL ENGINEERS, VOL. 94, NO. C02, PAPER 6166, OCT. 1968. PP.181-196.
NR-E9-GJ-000-00989	VARIATIONS IN AIRPHOTO PATTERNS OF ILLINOIAN DRIFT IN SOUTHERN INDIANA. J.C. STEVENS, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING BULLETIN, EXTENSION SERIES NO. 69, VOL. 33, NO. 5, SEPT. 1949. PP.120-140.
NR-E9-GJ-000-00991	PREPARATION OF ENGINEERING SOILS AND DRAINAGE SURVEY STRIP MAPS FROM AERIAL PHOTOGRAPHS. ROBERT D. MILES, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING BULLETIN, EXTENSION SERIES NO. 71, VOL. 34, NO. 3, MAY 1950. PP.11-32.
NR-E9-00-000-00993	TERRAIN ANALYSIS BY COMPUTER. A. KEITH TURNER AND ROBERT D. MILES, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING REPRINTS, CE-254, JUNE 1969.
NR-E9-00-000-00998	A TECHNIQUE FOR THE DETERMINATION OF A THERMAL CHARACTERISTIC OF STONE. R.G. FOX, JR. AND W.L. DOLCH, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING BULLETIN, NO. 69, DEC. 1950.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-EJ-998-01002	TERRAIN PHOTOGRAPHY ON GEMINI IV MISSION. PRELIMINARY REPORT. NASA TN D-3982. PAUL D. LOWMAN, JR., JAMES A. MC DIVITT, AND EDWARD H. WHITE II, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JUNE 1967. STAR N67-27274.
NR-E9-JM-000-01003	INFRARED MAPPING OF THERMAL ANOMALIES IN GLACIERS. AMBROSE O. POULIN, U.S. ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, NEW HAMPSHIRE AND T.A. HARWOOD, DEFENCE RESEARCH BOARD, OTTAWA, CANADA. PUBLISHED IN CANADIAN JOURNAL OF EARTH SCIENCES, VOL. 3, NO. 6, PAPER NO. 16, 1966. PP.881-885. AD-689 628.
NR-E9-00-000-01007	TERRAIN RETURN MEASUREMENTS AT X, K SUB U, AND K SUB A BAND. ROBERT C. TAYLOR, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. PUBLISHED IN IRE NATIONAL CONVENTION RECORD, VOL. 7, PART 1, 1969. PP. 19-26. CONTRACT NO. AF 33(616)-3649.
NR-E9-JM-000-01022	THE APPLICATION OF OPTICAL FILTERING IN COHERENT LIGHT TO THE STUDY OF AERIAL PHOTOGRAPHS OF GREENLAND GLACIERS. A. BAUER, CENTRE D'ETUDES GLACIOLOGIQUES DES REGIONS ARCTIQUES ET ANTARCTIQUES, A. FONTANEL AND G. GRAU, INSTITUT FRANCAIS DU PETROLE DES CARBURANTS ET LUBRIFIANTS, FRANCE. PUBLISHED IN JOURNAL OF GLACIOLOGY, VOL. 6, NO. 48, 1967. PP.781-793.
NR-E9-WE-000-01032	APPLICATION OF AERIAL GAMMA RADIATION SPECTROMETRY IN AUSTRALIAN MINERAL EXPLORATION. M.J. LAWRENCE, UNIVERSITY OF NEW SOUTH WALES, KENSINGTON, AUSTRALIA. PRESENTED AT THE AUSTRALIAN INSTITUTE OF MINING AND METALLURGY, SYDNEY, AUSTRALIA, 1969, AIMM GEOLOGY PAPER NO. 3. STAR N70-17597. MICROFICHE COPY.
NR-E9-QH-000-01034	LINEAMENT TREND ANALYSIS OF GEMINI RED SEA PHOTOGRAPHY. R. JOSEPH BRIDWELL, COLORADO SCHOOL OF MINES, GOLDEN, COLO. PRESENTED AT THE SPACE PROJECTIONS FROM THE ROCKY MOUNTAIN REGION SYMPOSIUM, DENVER, COLORADO, JULY 1968, PROCEEDINGS, VOL. 1, SESSION 2. A69-12808.
NR-E9-EJ-998-01055	TECHNICAL LETTER TF7-4 - SPACE PHOTOGRAPHS OF THE EARTH IN THE STUDY OF PLATE TECTONICS. YEHUDA KEDAR, NASA/MSC, HOUSTON, TEXAS. JUNE 1970.
NR-E9-00-000-01056	TECHNICAL LETTER TF7-2 - TRANSVERSE RANGE - TECTONICS INFERENCES FROM EARTH PHOTOGRAPHS FROM SPACE. YEHUDA KEDAR, NASA/MSC, HOUSTON, TEXAS. JUNE 1970.
NR-E9-LL-166-01064	INFRARED SURVEYS IN ICELAND IN 1966. SURTSEY RESEARCH REPORTS. JULES D. FRIEDMAN, U.S. GEOLOGICAL SURVEY AND RICHARD S. WILLIAMS, JR., AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. PRESENTED AT THE AMERICAN GEOPHYSICAL UNION, ANNUAL MEETING, 48TH, WASHINGTON, D.C., APRIL 1967.
NR-E9-BH-057-01067	INFRARED SPECTRAL RETURNS AND IMAGERY OF THE EARTH FROM SPACE AND THEIR APPLICATIONS TO GEOLOGIC PROBLEMS. STEPHEN J. GAWAROCKI, U.S. GEOLOGICAL SURVEY, RONALD J.P. LYON, NASA, AMES RESEARCH CENTER, MOFFETT FIELD, CALIF., AND WILLIAM NORDBERG, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. REPRINTED FROM SCIENTIFIC EXPERIMENTS FOR MANNED ORBITAL FLIGHT, VOL. 4, SCIENCE AND TECHNOLOGY SERIES, AMERICAN ASTRONAUTICAL SOCIETY, MARCH 1965. PP.13-33.
NR-E9-00-000-01071	ZUR GEOLOGISCHEN AUSWERTUNG VON LUFTBIDERN. (GEOLOGICAL INTERPRETATION OF AERIAL PHOTOGRAPHS). P. KRONBERG, CLAUSTHAL, TECHNISCHE UNIVERSITAT, GEOLOGISCHES INSTITUT, CLAUSTHAL-ZELLENFELD, WEST GERMANY. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 25, DEC. 1969. PP.75-85. A70-16499.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-EJ-000-01094	GRAVITY AND MAGNETIC SURVEYS OF THE GROUSSE CREEK MOUNTAINS AND THE RAFT RIVER MOUNTAINS AREA AND VICINITY, UTAH AND IDAHO. MOHAMED MAMDOUH M. KHATTAB, UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH. PUBLISHED IN DISSERTATION ABSTRACTS, VOL. 29, 1969. PP.4720B. STAR N70-18807.
NR-E9-00-000-01097	INVESTIGATION OF THE COLOR DIFFERENCES OF SOME GEOLOGICAL FEATURES ON AERIAL PHOTOGRAPHS. V.A. GORBATOV AND E.D. TAMITSKIY, USSR. PUBLISHED IN GEODESY AND AEROPHOTOGRAPHY, NO. 1, 1967. PP.28-31.
NR-E9-00-000-01103	THE USE OF AIR PHOTOS IN A STUDY OF LANDSLIDES IN NEW GUINEA. TECHNICAL REPORT NO. 5. DAVID S. SIMONETT, RICHARD L. SCHULMAN, AND DONALD L. WILLIAMS, UNIVERSITY OF KANSAS, DEPT. OF GEOGRAPHY, LAWRENCE, KANSAS. JAN. 1970. CONTRACT NO. NONR-583(11). AD-701-743. STAR N70-26852.
NR-E9-EJ-024-01105	INFRARED IMAGERY AND GEOLOGIC ASPECTS. F.F. SABINS, JR., CHEVRON RESEARCH CO., LA HABRA, CALIF. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NO. 7, 1967. PP.743-750.
NR-E9-00-000-01113	ASSESSMENT OF SATELLITE PHOTOGRAPHS FOR GEOLOGICAL MAPPING AND RESEARCH. J.A.E. ALLUM, INSTITUTE OF GEOLOGICAL SCIENCES, 5, PRINCES GATE, LONDON, S.W. 7. PUBLISHED IN JOURNAL OF THE BRITISH INTERPLANETARY SOCIETY, VOL. 23, NO. 4, APRIL 1970. PP.297-306. A70-24640.
NR-E9-00-000-01114	SOME RECENT RESULTS WITH THE INPUT AIRBORNE EM SYSTEM. J.B. BONIWELL, BARRINGER RESEARCH LTD., TORONTO, CANADA. PUBLISHED IN CANADIAN MINING AND METALLURGICAL BULLETIN, (MONTREAL), VOL. 60, NO. 659, MARCH 1967. PP.325-332.
NR-E9-00-000-01128	A SEQUENTIAL LINEAR DISCRIMINANT ANALYSIS PROGRAM FOR GEOLOGICAL AND REMOTELY-SENSED DATA. NORTHWESTERN UNIVERSITY REPORT NO. 22. E.H. TIMOTHY WHITTEN, NORTHWESTERN UNIVERSITY, EVANSTON, ILL. JULY 1970. NASA GRANT NGR-14-007-027. NASA-CR-113901. N70-41177. MICROFICHE AND HARD COPY.
NR-E9-00-000-01129	SOME RESULTS OF AEROMAGNETIC SURVEYING WITH A DIGITAL CESIUM-VAPOR MAGNETOMETER. RAUL I. GIRET, COMPAGNIE GENERALE DE GEOPHYSIQUE, PARIS, FRANCE. PUBLISHED IN GEOPHYSICS, VOL. 30, NO. 5, OCT. 1965. PP.883-890.
NR-E9-00-000-01131	TECHNICAL LETTER TP7-6 PLATE-MARGIN MORPHOTECTONICS CASE STUDY - THE ISRAEL-SINAI SECTION. E.Y. KEDAR, NASA/MSC, HOUSTON, TEXAS. JUNE 1970.
NR-E9-EJ-998-01137	PHENOMENA AND PROPERTIES OF GEOLOGIC MATERIALS AFFECTING MICROWAVES - A REVIEW. STANFORD REMOTE SENSING LAB. TECHNICAL REPORT 70-10. DEANE OBERSTE-LEHN, STANFORD UNIVERSITY REMOTE SENSING LAB., STANFORD, CALIFORNIA. APRIL 1970. CONTRACT NO. NAS 9-7313. N70-32931.
NR-E9-EJ-998-01162	THE MULTIBAND APPROACH TO GEOLOGICAL MAPPING FROM ORBITING SATELLITES - IS IT REDUNDANT OR VITAL. R.J.P. LYON, STANFORD UNIVERSITY, STANFORD, CALIF. PRESENTED AT THE ATAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970. CONTRACT NOS. NAS9-7313 AND USDI 14-08-0001-11872. A70-22882.
NR-E9-EJ-002-01163	PISGAH CRATER TERRAIN ANALYSIS. G.A. MC CUE AND J. GREEN, NORTH AMERICAN AVIATION, INC., DOWNEY, CALIF. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 31, NO. 5, SEPT. 1965. PP.810-821
NR-E9-00-000-01164	GEOLOGIC INTERPRETATION OF AIRBORNE INFRARED IMAGERY. LAURENCE H. LATTMAN, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 29, NO. 1, 1963. PP.83-87.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-00-000-01177	TERRAIN MAPPING BY USE OF INFRARED RADIATION. DAVID E. HARRIS AND CASPAR L. WOODBRIDGE, HRB-SINGER, INC., STATE COLLEGE, PA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 30, JAN. 1964. PP.134-139. PUBLISHED IN THE TRANSACTIONS OF THE NATIONAL ELECTRONICS CONFERENCE, VOL. 18, OCT. 1962. A64-14786.
NR-E9-00-000-01180	THE SEARCH FOR ORE DEPOSITS USING THERMAL RADIATION. D.W. STRANGWAY AND R.C. HOLMER, KENNECOTT COPPER CORP., SALT LAKE CITY, UTAH. PUBLISHED IN GEOPHYSICS, VOL. 31, NO. 1, FEB. 1966. PP.225-242.
NR-E9-00-000-01188	INTERPRETING NATURAL TERRAIN FROM RADAR DISPLAYS. A.M. FEDER, CORNELL AERONAUTICAL LAB., BUFFALO, NEW YORK. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 26, NO. 4, 1960. PP.618-630.
NR-E9-LL-166-01189	A COMPARISON OF AERIAL FILMS IN THE STUDY OF BREIDAMERKUR GLACIER AREA, ICELAND. R. WELCH, UNIVERSITY OF GLASGOW, GLASGOW, SCOTLAND. PUBLISHED IN PHOTOGRAMMETRIC RECORD, VOL. 5, NO. 28, OCT. 1966. PP.289-306.
NR-E9-EJ-998-01195	EVALUATION OF GEOTHERMAL PROSPECTS AND THE OBJECTIVES OF GEOTHERMAL EXPLORATION. GUNNAR BODVARSSON, OREGON STATE UNIVERSITY, CORVALLIS, OREGON. PUBLISHED IN GEODEXPLORATION, VOL. 8, NO. 1, 1970. PP.7-17.
NR-E9-LL-166-01203	ANALYSIS OF 1966 INFRARED IMAGERY OF SURTSEY, ICELAND. RICHARD S. WILLIAMS, JR., AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. AND JULES D. FRIEDMAN, U.S. GEOLOGICAL SURVEY WASHINGTON, D.C. PRESENTED AT THE INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS, 14TH GENERAL ASSEMBLY, INTERNATIONAL ASSOCIATION OF VOLCANOLOGY SECTION, ZURICH, SWITZERLAND, OCT. 1967.
NR-E9-CL-000-01224	INTERPRETATION OF ALASKAN POST-EARTHQUAKE PHOTOGRAPHS. ROBERT J. HACKMAN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 31, JULY 1969. PP.604-610.
NR-E9-LL-166-01227	PALEOMAGNETISM AND MAGNETIC SURVEYS IN ICELAND. LEO KRISTJANSSON, UNIVERSITY OF ICELAND, REYKJAVIK, ICELAND. PUBLISHED IN EARTH AND PLANETARY SCIENCE LETTERS, VOL. 8, NO. 2, APRIL 1970. PP.101-108.
NR-E9-00-000-01228	THE PHOTOGEOLOGICAL RECOGNITION OF ACIENT OROGENIC BELTS IN AFRICA. JOHN VORD HEPWORTH, INSTITUTE OF GEOLOGICAL SCIENCES, LONDON, ENGLAND. PUBLISHED IN JOURNAL GEOLOGICAL SOCIETY OF LONDON QUARTERLY, VOL. 123, PART 3, NO491, 1967. PP.253-291.
NR-E9-00-000-01230	INFRARED REFLECTIVITY OF SOME COMMON MINERALS. W.A. HOVIS, JR., NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. AUG. 1965. REPORT NO. NASA-TM-X-56482. STAR N66-29335.
NR-E9-XF-000-01237	THE ROLE OF LANDSLIDES IN SLOPE DEVELOPMENT IN THE HIGH RAINFALL TROPICS. DAVID S. SIMONETT, UNIVERSITY OF KANSAS, MARCH 1970. CONTRACT NO. NONR 583(11) AND NR 389-133. N70-38224 AD-706 102
NR-E9-XF-000-01238	LANDSLIDE DISTRIBUTION AND EARTHQUAKES IN THE BEWANI AND TORRICELLI MOUNTAINS, NEW GUINEA. DAVID S. SIMONETT, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. 1967. REPORT NO. ONR TR-1.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-XF-000-01239	SELVA LANDSCAPES - LANDSLIDES. DAVID S. SIMONETT, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. REPRINTED FROM THE ENCYCLOPEDIA OF GEOMORPHOLOGY, 1968. PP.949-991, 639-641. REPORT NO. ONR TR-3. CONTRACT NO. NONR-583(11) AND NR 389-133.
NR-E9-XF-000-01240	RELATIONS BETWEEN SLOPE AND RIDGE FORMS AND LITHOLOGY IN NEW GUINEA. DAVID S. SIMONETT AND DONALD L. WILLIAMS, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. MARCH 1968. REPORT NO. ONR TR-2. CONTRACT NO. NONR 583(11) AND NR 389-133.
NR-E9-XF-000-01241	THE CONTRIBUTION OF LANDSLIDES TO REGIONAL DENUDATION IN NEW GUINEA. DAVID S. SIMONETT AND DONNA L. ROGERS, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. FEB. 1970. REPORT NO. ONR TR-6. CONTRACT NO. NONR 538(11) AND NR 389-133.
NR-E9-CK-126-01263	NASA GEOLOGICAL TEST SITE 126, MARQUETTE/REPUBLIC TROUGHS, MICHIGAN- REPORT ON PHOTOGRAPHIC IMAGERY OBTAINED ON MISSION 72, MAY 1968. NORTHWESTERN UNIVERSITY REPORT NUMBER 19. E.H. TIMOTHY WHITTEN, W.A. BECKMAN, JR., AND ZENAIDE C.G. SILVA, DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. NOVEMBER 20, 1968. CONTRACT NUMBER NGR-14-007-027.
NR-E9-00-000-01268	THE INFLUENCE OF COASTAL AND SEA FLOOR GEOMETRY ON NATURAL ELECTROMAGNETIC VARIATIONS OF .0001 TO 1000 HZ. ABSTRACT ONLY. J. ROGER BLAKE, ALASKA UNIVERSITY, COLLEGE, ALASKA. IN DISSERTATION ABSTRACTS, VOL. 29, 1969. PP.4307-B. N70-22998.
NR-E9-00-000-01269	COLOR MIMICRY IN GEOLOGY AND GEOPHYSICS. B.F. GROSSLING, U. S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN GEOPHYSICS, VOL. 34, NO. 2, APRIL 1969. PP.249-254.
NR-E9-00-000-01276	COMPARATIVE LUNAR-TERRESTRIAL COLORIMETRY. REPORT NO. NASA TM X-58008. R.M. HIVELEY, NASA, MSC, HOUSTON, TEXAS, AND J.K. WESTHUSING, LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. JULY 1967. N67-35541.
NR-E9-EJ-998-01289	CHEMICAL ANALYSIS BY REMOTE SENSING. A.R. BARRINGER, BARRINGER RESEARCH LTD., REXDALE, ONTARIO, CANADA. AT INSTRUMENT SOCIETY OF AMERICA, INSTRUMENTATION AUTOMATION ANNUAL CONFERENCE, 23RD, OCT. 1968.
NR-E9-00-000-01296	DISTRIBUTION OF BRIGHTNESS IN THE SPECTRUM OF SOLAR LIGHT REFLECTED BY VOLCANIC COVERINGS. I.U. N. LIPSKII AND V.V. NOVIKOV, USSR. TRANSLATION FROM RUSSIAN - KOSICHESKIE ISSLEDOVANIYA, VOL. 7, SEPT.-OCT. 1969. PP.753-759. IN COSMIC RESEARCH, VOL. 7, SEPT.-OCT. 1969. PP.681-686. A70-28464.
NR-E9-00-000-01319	CHANGES IN SURFACE TEMPERATURE AT TAAL VOLCANO, 1965-1966. R.M. MOXHAM, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN BULLETIN VOLCANOLOGIQUE, TOME 31, 1967. PP.215-234.
NR-E9-DK-068-01320	THERMAL FEATURES AT MOUNT RAINIER, WASHINGTON, AS REVEALED BY INFRARED SURVEYS. R.M. MOXHAM, USGS, WASHINGTON, D.C., D.R. CRANDELL, USGS, DENVER, COLO., AND W.E. MARLATT, COLO. STATE UNIV., FORT COLLINS, COLO. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 525-D, 1965. PP.D93-D100.
NR-E9-00-000-01325	GEOLOGY FROM THE AIR. J.F.M. MEKEL, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. 1969. MICROFICHE COPY. A70-20225.

TECHNICAL REPORTS - GEOLOGY

- | ACCESSION NUMBER   | DESCRIPTION  |
|--------------------|--|
| NR-E9-BH-057-01327 | DETAILED GEOPHYSICAL STUDIES ON THE HAWAIIAN ARCH NEAR 24 DEG. 25 MIN. N, 157 DEG. 40 MIN W - A CLOSELY SPACED SUITE OF HEAT FLOW STATIONS. REPORT NO. MPL-U-28/68. J.G. SCLATER, J.D. MUDIE, SCRIPPS INSTITUTION OF OCEANOGRAPHY, SAN DIEGO, CALIF., AND C.G.A. HARRISON, UNIVERSITY OF MIAMI, MIAMI, FLA. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 2, JAN. 1970. PP.333-348. CONTRACT NUMBER N00014-67-A-0109-0009. MICROFICHE COPY. AD-704 630.   |
| NR-E9-00-000-01331 | THERMAL AERIAL SURVEY OF KAMCHATKA VOLCANOES. B.V. SHILIN AND N.A. GUSEV, LABORATORY OF AERIAL METHODS OF THE MINISTRY OF GEOLOGY, USSR. SOVETSKAYA GEOLOGIYA (USSR), VOL. 12, NO. 5, 1969. PP.139-147. MICROFICHE COPY. AD-704 830. N70-32363   |
| NR-E9-00-000-01361 | SCATTERING FROM SURFACES WITH DIFFERENT ROUGHNESS SCALES - ANALYSIS AND INTERPRETATION. RESEARCH REPT. NO. BAT-197A-10-3, BATTELLE MEMORIAL INSTITUTE, COLUMBUS LABORATORIES, COLUMBUS, OHIO, AD-662 751, ALSO PUBLISHED UNDER SEPARATE COVER AS REPT. NO. 1388-26, ELECTROSCIENCE LABORATORY, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. DONALD E. BARRICK, BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO, AND WILLIAM H. PEAKE, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. 1967. MICROFICHE COPY. AD-662 751 N67-39091 |
| NR-E9-FK-000-01366 | AERIAL MOSAICS REVEAL FRACTURE PATTERNS ON SURFACE MATERIALS IN SOUTHERN SASKATCHEWAN AND MANITOBA. J.R. MOLLARD, J.D. MOLLARD AND ASSOCIATES, LTD. IN OIL IN CANADA, VOL. 9, AUG. 5, 1957, P. 26, 28, 30, 34, 36, 38, 40, 44, 46, 48, 50.   |
| NR-E9-00-000-01372 | THE INFLUENCE OF PHYSICAL VARIABLES ON SPECTRAL SIGNATURES OF NATURAL TARGETS. FINAL REPORT, MAY 67-DEC. 69. REPORT NOS. AFRL-70-0083 AND ADL C-69339. JAMES R. ARONSON AND ALFRED G. EMSLIE, ARTHUR D. LITTLE INC., CAMBRIDGE, MASS. CONTRACT NO. F19628-67-C-0353.   |
| NR-E9-IM-000-01381 | COMPARISON OF AERIAL PHOTOGRAPHIC TERRAIN ANALYSIS WITH INVESTIGATION IN ARCTIC CANADA. ALBERT E. PRESSMAN, WATERTOWN, MASS. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 29, 1963, PP.245-252.  |
| NR-E9-00-000-01398 | NARRATIVE REPORT FOR GEOSCIENCE OVERLAYS, DARIEN PROVINCE, PANAMA. L.F. DELLWIG, A.J. LEWIS, AND H.C. MACDONALD, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUG. 1968. CONTRACT NO. DAAK02-68-M-6993.  |
| NR-E9-EJ-998-01421 | REMOTE SENSING OF THE GEOLOGICAL ENVIRONMENT. E.E. BLIAMPTIS, EDITOR, AIR FORCE CAMBRIDGE RESEARCH LAB., L.G. HANSCOM FIELD, BEDFORD, MASS. JUNE 1967.   |
| NR-E9-CL-000-01422 | GEOLOGIC INTERPRETATION OF RECONNAISSANCE AEROMAGNETIC SURVEY OF NORTHEASTERN ALASKA. GEOLOGICAL SURVEY BULLETIN 1271-F. 17P. AND PORTFOLIO OF PLATES. WILLIAM P. BROSGE, EARL E. BRABB, AND ELIZABETH R. KING, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1970. N71-15671   |
| NR-E9-EJ-000-01424 | SOME FEATURES PERTINENT IN EXPLORATION OF PORPHYRY COPPER DEPOSITS. S.E. JEROME, NEVADA BUREAU OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. IN CHRONIQUE DES MINES ET DE LA RECHERCHE MINIERE, NO. 323, OCT. 1963. PP.303-321. IN ENGLISH AND FRENCH.   |
| NR-E9-00-000-01431 | BETRACHTUNGEN ZUR PASSPUNKTBESTIMMUNG DURCH MESSTISCH-PHOTOGRAMMETRIE BEI TERRESTRISCHPHOTOGRAMMETRISCHEN AUFNAHMEN VON BRAUNKOHLENTAGEBAUEN. W. RUGER, GERMANY IN ACTA TECHNICA HUNGARICAE, VOL. 52, NO. 3-4, MARCH 1965. PP.393-403.   |

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-GF-000-01433	THE BARCHANS OF SOUTHERN PERU. HERMAN J. FINKEL, DEPT. OF AGRICULTURAL ENGINEERING, ISRAEL INSTITUTE OF TECHNOLOGY, HAIFA, ISRAEL. IN JOURNAL OF GEOLOGY, VOL. 67, NO. 6, NOV. 1959. PP.614-647.
NR-E9-DJ-061-01445	AERIAL INFRARED SURVEYS AT THE GEYSERS GEOTHERMAL STEAM FIELD, CALIFORNIA. 1967. R.M. MOXHAM, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 650-C, PP.C106C-122.
NR-E9-00-000-01446	AIRBORNE MEASUREMENTS OF TERRESTRIAL RADIOACTIVITY AS AN AID TO GEOLOGIC MAPPING. J.A. PITKIN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN - GEOLOGICAL SURVEY PROFESSIONAL PAPER 516-F, 1968. PP.F1-F29.
NR-E9-00-000-01460	INFRARED IMAGERY MOSAICS FOR GEOLOGICAL INVESTIGATIONS. RICHARD S. WILLIAMS, JR., AND THOMAS R. ORY, HRB-SINGER, INC., STATE COLLEGE, PA. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NO. 12, DEC. 1967. PP.1377-1380.
NR-E9-00-000-01461	AIRBORNE GEOLOGY OR THOSE MARVELOUS SENSORS IN THE FLYING MACHINES. CARLTON E. MOLINEUX, AIR FORCE CAMBRIDGE RESEARCH LAB., TERRESTRIAL SCIENCE LAB., L.G. HANSCOM FIELD, BEDFORD, MASS. IN - ESTA - THE JOURNAL OF THE EARTH SCIENCES TECHNOLOGICS ASSOCIATION, VOL. 2, 1966.
NR-E9-EJ-000-01464	RELATIONS BETWEEN GEOLOGICAL STRUCTURE AND AEROMAGNETIC ANOMALIES IN CENTRAL NEVADA. EDWIN S. ROBINSON, U.S. GEOLOGICAL SURVEY, DENVER, COLO. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 81, NO. 7, JULY 1970. PP.2045-2060.
NR-E9-LL-998-01468	REMOTE SENSING. REPORT NO. AFRL-70-0277. HARALD SVENSSON, SWEDEN. AIR FORCE CAMBRIDGE RESEARCH LABS., L.G. HANSCOM FIELD, BEDFORD, MASS. TRANSLATION FROM THE REPORT - REMOTE SENSING - FJARRAVKANNING, IN FORSHANING OCH FRAMSTEG, NO. 5, 1969. PP.10-19. AD-707 824 N70-40086 . MICROFICHE AND HARD COPY.
NR-E9-00-000-01473	GLACIER SOUNDING IN THE POLAR REGIONS - A SYMPOSIUM. REPORT NO. DREO-607. S. EVANS, P. GUDMENSEN, CHARLES SWITHINBANK, ET AL., DEFENCE RESEARCH ESTABLISHMENT OTTAWA, ONTARIO, CANADA. IN GEOGRAPHICAL JOURNAL, V. 135, PT. 4, DEC. 1969. PP.547-563. AD-704 680
NR-E9-GL-000-01477	SITE LOCATION IN THE ARCTIC REGION BY AIRPHOTO ANALYSIS. STANLEY M. NEEDLEMAN, AND ALBERT E. PRESSMAN. IN THE MILITARY ENGINEER, VOL. 54, NO. 359, MAY-JUNE 1962. PP.188-191.
NR-E9-00-000-01479	INTERFEROMETRIC DETERMINATION OF THE SPECTRAL INFRARED EMISSIVITIES OF TERRESTRIAL SURFACES. PREPRINT. JOHN F. CRONIN AND CLIFFORD D. KERN, AIR FORCE CAMBRIDGE RESEARCH LAB., L.G. HANSCOM FIELD, BEDFORD, MASS. TO BE PUBLISHED IN PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC SENSING OF EARTH FROM SATELLITES (1967)
NR-E9-EJ-998-01484	MICROWAVE EMISSION FROM GRANULAR SILICATES - DETERMINATION OF THE ABSORPTION COEFFICIENT FROM PLATE MEASUREMENTS AND THE EFFECTS OF SCATTERING. REPORT NO. JPL TM 33-458. J.E. CONEL, JET PROPULSION LABORATORY, CALIF. INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. OCT. 1970. CONTRACT NUMBER NAs7-100. NASA-CR-11023 N71-10458 MICROFICHE AND HARD COPY.
NR-E9-GJ-998-01488	COMMENTS ON THE GEOLOGICAL USE OF NIMBUS I TELEVISION PHOTOGRAPHY. GEORGE RABCHEVSKY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS., 1970, 28P.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-GG-000-01500	STRUCTURAL ANALYSIS FROM RADAR IMAGERY, EASTERN PANAMANIAN ISTHMUS. REPORT NO. CRES-TR-133-15. RICHARD S. WING (PH.D. DISSERTATION), THE UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. AUG. 1970 157P. CONTRACT NO. DAAK02-68-C-0089. AD-715322.
NR-E9-DJ-211-01509	THEORY, APPLICATIONS, AND RESULTS OF THE LONGLINE CORRELATION SPECTROMETER. GILBERT S. NEWCOMB, ENVIRONMENTAL MEASUREMENTS, INC., SAN FRANCISCO, CALIF., AND MILLAN MUNOZ MILLAN, BARRINGER RESEARCH LTD., TORONTO, CANADA. IN - IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-8, NO. 3, JULY 1970, PP.149-157. A70-39793
NR-E9-00-000-01514	EFFECTS OF ROUGHNESS ON EMISSIVITY OF NATURAL SURFACES IN THE MICROWAVE REGION. REPORT NO. CRES REPRINT 133-8. P.T. ULABY, AND A.K. FUNG, UNIV. OF KANSAS, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, LAWRENCE, KANSAS. IN SOUTHWEST IEEE CONFERENCE (SWIEECCO), APRIL 1970, RECORD OF TECHNICAL PAPERS, PP.436-440. CONTRACT NUMBER DAAK02-68-C0089-THEMIS. AD-706517
NR-E9-HJ-000-01521	RADIOMETRIC STUDIES, BAY OF FUNDY. JOHN F. CRONIN, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. IN MARITIME SEDIMENTS, VOL. 5, NO. 3, DEC. 1969. PP.119-122.
NR-E9-MK-000-01524	RADAR AND GEOLOGY. FINAL REPORT, FEB. 1964-FEB. 1965. REPORT NO. AFCRL 65-202. H.L. CAMERON, ACADIA UNIVERSITY, WOLFVILLE, NOVA SCOTIA, CANADA. AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. JULY 1965. CONTRACT NO. AF19(628)-4005.
NR-E9-GJ-000-01553	BURNING SPRINGS, WEST VIRGINIA SLAR IMAGERY LINEAMENT ANALYSIS, COMPARISON WITH AIR PHOTOS. SECOND AND FINAL REPORT, SPECIALLY PREPARED FOR MORGANTOWN PETROLEUM RESEARCH LAB., U.S. BUREAU OF MINES. JUNE 1969. R.S. WING AND L.F. DELLWING, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS, JUNE 1969, 10P.
NR-E9-EJ-028-01556	IMAGING NATURAL FEATURES WITH HIGH RESOLUTION RADAR. REPORT NOS. GIB-9195, AND CODE 99696. HUBERT O. RYDSTROM, GEOLOGIST, GOODYEAR AEROSPACE CORP., ARIZONA DIV., LITCHFIELD PARK, ARIZONA, JULY 1970, 31P.
NR-E9-HH-092-01559	DEVELOPMENT OF REMOTE METHODS FOR OBTAINING SOIL INFORMATION AND LOCATION OF CONSTRUCTION MATERIALS USING GAMMA RAY SIGNATURES FOR PROJECT THEMIS. SEMI-ANNUAL REPORT. DEPT. OF GEOLOGY, RICE UNIVERSITY, HOUSTON, TEXAS. DEC. 1970, 278P. CONTRACT NO. DACA 39-69-C-0048. AD-718 519
NR-E9-HH-092-01560	DEVELOPMENT OF REMOTE METHODS FOR OBTAINING SOIL INFORMATION AND LOCATION OF CONSTRUCTION MATERIALS USING GAMMA RAY SIGNATURES FOR PROJECT THEMIS. SEMI-ANNUAL REPORT. APPENDIX 1 OF 1 - ENGINEERING DRAWINGS. DEPT. OF GEOLOGY, RICE UNIVERSITY, HOUSTON, TEXAS. DEC. 1970, 70P. CONTRACT NO. DACA 39-69-C-0048.
NR-E9-GP-851-01593	THE PERU-BOLIVIA BORDER EARTHQUAKE OF AUGUST 15, 1963. REPORT NOS. SCIENTIFIC-11, AND AFCRL-70-0400. UMESH CHANDRA, SAINT LOUIS UNIVERSITY, DEPT. OF EARTH AND ATMOSPHERIC SCIENCES, ST. LOUIS, MO. NOV. 1969, 13P. PUBLISHED IN BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, VOL. 60, NO. 2, APRIL 1970. PP.639-646. CONTRACT NOS. AF19(628)-5100, AND ARPA ORDER-292. MICROFICHE COPY. AD-712419



TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-00-000-01606	RADAR GEOLOGY. ALLEN MARTIN FEDER (M.S. THESIS), UNIVERSITY OF BUFFALO, BUFFALO, N.Y. CORNELL AERONAUTICAL LABORATORY, INC., BUFFALO, N.Y. FEB. 1960, 150P.
NR-E9-GJ-000-01616	ROSELLE LINEAMENT OF SOUTHEAST MISSOURI. REPORT NO. CRES REPRINT 118-5. ELLIOT GILLERMAN, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. IN GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 81, MARCH 1970. PP.975-982. NAS9-7175
NR-E9-BH-057-01648	RECONNAISSANCE SAND INVENTORY - OFF LEEWARD OAHU. REPORT NOS. SEAGRANT-70-2, AND HIG-70-16. J.F. CAMPBELL, W.T. COULBOURN, R. MOBERLY, JR., AND B.R. ROSENDAHL, HAWAII INSTITUTE OF GEOPHYSICS, HONOLULU, HAWAII. JUNE 1970, 50P. CONTRACT NO. GRANT NSF-GH-28. PB-193992 N71-14758
NR-E9-GJ-043-01668	AERORADIOACTIVITY SURVEY AND RELATED SURFACE GEOLOGY OF THE CHICAGO AREA, ILLINOIS AND INDIANA (ARMS-1). REPORT NO. CEX-59.4.13. GEORGE M. FLINT JR., AND JAMES A. PITKIN, GEOLOGICAL SURVEY, WASHINGTON, D.C. JUNE 1970, 45P. MICROFICHE COPY. N70-39324
NR-E9-BK-221-01677	EVALUATION OF SOILS AND PERMAFROST CONDITIONS IN THE TERRITORY OF ALASKA BY MEANS OF AERIAL PHOTOGRAPHS. VOL. 1. ROBERT E. FROST, RESEARCH ENGINEER, PURDUE UNIVERSITY, ENGINEERING EXPERIMENT STATION, LAFAYETTE, INDIANA. SEPT. 1950, 163P. MICROFICHE COPY. AD-703 359
NR-E9-BK-221-01678	EVALUATION OF SOILS AND PERMAFROST CONDITIONS IN THE TERRITORY OF ALASKA BY MEANS OF AERIAL PHOTOGRAPHS. VOL. 2. ROBERT E. FROST, PURDUE UNIVERSITY, ENGINEERING EXPERIMENT STATION, LAFAYETTE, INDIANA. SEPT. 1950, 166P. MICROFICHE COPY. AD-703 343
NR-E9-00-000-01679	APPLICATIONS OF SPACE PHOTOGRAPHY IN GEOLOGY. REPORT NO. JPRS-51578. B.V. VINOGRADOV, AND A.A. GRIGOREV (USSR), JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. OCT. 1970, 15P. TRANSL OF - AKADEMIYA NAUK SSSR. IZVESTIYA. SERIYA GEOLOGICHESKAYA, VOL. 33, NO. 1, 1970. PP.19-27. MICROFICHE COPY. N71-10801
NR-E9-EJ-052-01688	SPECIAL AERIAL PHOTOGRAPHY NEAR THE NEVADA TEST SITE. FINAL REPORT. REPORT NO. AFOSR-70-2035TR. DAVID B. SLEMONS, GEORGE E. BROGAN, GARY A. CARVER, ET AL., MACKAY SCHOOL OF MINES, NEVADA UNIVERSITY, RENO, NEVADA. JUNE 1970, 21P. CONTRACT NOS. GRANTS AF-AFOSR-1564-68, AND AT(26-1)-454. MICROFICHE AND HARD COPY. AD-705 735 N70-41659
NR-E9-EJ-000-01691	SURFACE MATERIALS AND TERRAIN FEATURES OF YUMA PROVING GROUND (LAGUNA, ARIZ.-CALIF., QUADRANGLE). REPORT NOS. ES-59, AND USA-NLABS-TR-71-14-ES. JOHN A. MILLETT, AND H. FRANK BARNETT, U.S. ARMY NATICK LABS., EARTH SCIENCES LAB., NATICK, MASS. OCT. 1970, 60P. MICROFICHE AND HARD COPY. AD-715363
NR-E9-FJ-178-01694	THERMAL INFRARED INVESTIGATIONS, ARBUCKLE MOUNTAIN, OKLAHOMA. L.C. ROWAN, T.W. OFFIELD, KENNETH WATSON, USGS, DENVER, COLO., ET AL. IN GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 8, DEC. 1970. PP.3549-3562.
NR-E9-FJ-178-01695	REMOTE-SENSING INVESTIGATIONS NEAR MILL CREEK, OKLAHOMA. L.C. ROWAN, AND P.J. CANNON, U.S. GEOLOGICAL SURVEY, DENVER, COLO., AND FLAGSTAFF, ARIZONA, RESPECTIVELY. IN OKLAHOMA GEOLOGY NOTES, VOL. 30, NO. 6, DEC. 1970. PP.127-135. CONTRACT NO. 160-75-01-43-10.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-00-000-01812	PHOTOGRAPHY AND REGIONAL MAPPING. J.A.E. ALLAM, OVERSEAS GEOLOGICAL SURVEYS - PHOTOGEOLOGICAL DIV., PERGAMON PRESS, NEW YORK. 1966, 119P. \$7.50.
NR-E9-00-000-01861	EVALUATION OF AIRBORNE ELECTROMAGNETIC SURVEYING FOR MAPPING VARIATIONS IN ROCK STRENGTH. FINAL REPORT, MARCH 69-JULY 70. REPORT NO. AFRL-70-0701 GEORGE V. KELLER, ANDRE B. LEBEL, AND EVAN L. AUSMAN, JR., COLORADO SCHOOL OF MINES, DEPT. OF GEOPHYSICS, GOLDEN, COLO. DEC. 1970, 70P. CONTRACT NO. F19628-69-C-0281. MICROFICHE COPY. AD-718438
NR-E9-EJ-998-01868	GEOSCIENCE POTENTIALS OF SIDE-LOOKING RADAR. VOL. 1 - TEXT, VOL. 2 - IMAGERY AND OVERLAYS. F.D. BEATTY, A.D. BECASIO, E.S. BECKER, ET AL. RAYTHEON/AUTOMETRIC, ALEXANDRIA, VA. SEPT. 1965, V.1 - 100P, V.2 - 111P. CONTRACT NO. DA-44-009-AMC-1040(X). MICROFICHE COPY AND HARD COPY OF VOL. 2. AD-650498-VOL. 1, AD-650499-VOL. 2. X68-80036
NR-E9-FJ-998-01873	REGIONAL GEOLOGY OF THE ARBUCKLE MOUNTAINS, OKLAHOMA. WILLIAM E. HAM, OKLA. GEOLOGICAL SURVEY. UNIV. OF OKLA, NORMAN, OKLA. 1969, 52P. AND FOLDED MAP IN BACK POCKET. \$5.50. OKLAHOMA GEOLOGICAL SURVEY GUIDE BOOK 17.
NR-E9-00-000-01881	ETUDE DU POUVOIR DE REFLEXION SPECTRAL DES ROCHES. REPORT NO. REVUE PHOTO INTERPRETATION 1967-6. JU. A. ZAJCEV, ET L.A. MUKHINA, TRADUCTION DU SERVICE DES TRADUCTIONS, INSTITUT FRANCAIS DU PETROLE, CENTRE DE DOCUMENTATION, 92 RUEIL MALMAISON, FRANCE. 26P. \$10. EXTRAIT DE-UTILISATION DE LA PHOTOGRAPHIE AERIENNE SPECTROZONALE ET EN COULEURS APPLIQUEE A LA GEOLOGIE, CHAP. 4 AND 5, P. 37-63. PUBLICATIONS DE L'UNIVERSITE DE MOSCOU, 1966.
NR-E9-00-000-01888	SHORT GUIDE TO GEO-BOTANICAL SURVEYING. (KRATKOW RUKOVODSTVO PO GEOBOTANICHESKIM S'ENKAM. PUBL. MOSCOW, 1959). S. V. VIKTOROV, YE. A. VOSTKOVA, D.D. VYSHIVKIN PERGAMON PRESS, NEW YORK. TRANSLATION, 1964, 169P. \$9.
NR-E9-EJ-000-01901	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 1. SUPPORTING MEASUREMENTS OF PASSIVE MICROWAVE RADIONETER SITES. JOSEPH LINTZ, JACK QUADE, ET AL. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NO. NGR 1-38-7751.
NR-E9-EJ-019-01903	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 3. CONFERENCE ON GROUND MEASUREMENTS FOR THE INSTRUMENT AND GEOLOGIC TERMS. JOSEPH LINTZ, JACK QUADE, ET AL. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NO. NGR 1-38-7751. N69-75359.
NR-E9-EJ-019-01904	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 4. SOIL STUDY OF SONORA PASS TEST SITE. JOSEPH LINTZ, JACK QUADE, ET AL. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NO. NGR 1-38-7751.
NR-E9-EJ-019-01907	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 7. SONORA PASS STANDARDS. DR. JOSEPH LINTZ, JACK QUADE, ET AL. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NO. NGR 1-38-7751. N69-74846
NR-E9-DJ-056-01908	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 8. PRELIMINARY GROUND TRUTH REPORT OF THE MT. LASSEN TEST SITE NO. 56. PETER CHAPMAN, PETER BRENNAN, JACK QUADE, PAT ROBERTSON, DAVID NICOLARSEN, AND DAVID KIRCHNER. MACKAY SCHOOL OF MINES UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NO. NAS 9-7044. N69-31063

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-FJ-178-01696	PALEOMAGNETISM OF BASEMENT GRANITES IN SOUTHERN OKLAHOMA. FINAL REPORT. HENRY SPALL, COOPERATIVE INSTITUTE FOR RESEARCH IN ENVIRONMENTAL SCIENCES, UNIV. OF COLORADO, BOULDER, COLO. IN OKLAHOMA GEOLOGY NOTES, VOL. 30, NO. 6, DEC. 1970. PP.136-150. CONTRACT NOS. ACS GRANT PRF-1829, AND NSF GRANT GP-2205.
NR-E9-GJ-998-01701	COASTAL EROSION IN NORTH CAROLINA. LEONARD J. LANGFELDER, AND MICHAEL AMEIN, DEPT. OF CIVIL ENGINEERING, NORTH CAROLINA STATE UNIV., RALEIGH, AND DONALD B. STAFFORD, DEPT. OF CIVIL ENGINEERING, CLEMSON UNIV., CLEMSON, SOUTH CAROLINA. IN ASCE PROCEEDINGS, WATERWAYS AND HARBORS DIVISION. JOURNAL, VOL. 96, NO. WW2, PAPER 7306, MAY 1970. PP.531-545. W70-10265
NR-E9-LL-166-01758	SATELLITE OBSERVATION OF EFFUSIVE VOLCANISM. REPORT NO. AFCRL-70-0368. RICHARD S. WILLIAMS, JR., AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, MASS., AND JULES D. FRIEDMAN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN JBIS (JOURNAL OF THE BRITISH INTERPLANETARY SOCIETY, VOL. 23, NO. 2, JUNE 1970. PP.441-450. A69-38631 N70-11253
NR-E9-EJ-000-01761	GEOLOGICAL COMPARISON OF SPACECRAFT AND AIRCRAFT PHOTOGRAPHS OF THE POTRILLO MOUNTAINS, NEW MEXICO, AND FRANKLIN MOUNTAINS, TEXAS. DAVID L. AMSBURY, EARTH RESOURCES DIV., NASA MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. IN INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICHIGAN, OCT. 1969, PROCEEDINGS, VOL. 1. PP.493-515. A70-26956
NR-E9-NK-000-01765	ZUR TECHNIK DER PHOTOGEOLOGISCHEN AUSWERTUNG IM KALKALPINEN BEREICH (HEITERWANGGEBIET, OSTLICHE LECHTALER ALPEN, TIROL). FRANZ K. LIST, FREIEN UNIVERSITAT, BERLIN, GERMANY. IN GEOLOGISCHEN RUNDSCHAU, BAND 58, OCT. 1968. PP.196-219. IN GERMAN, ABSTRACTS IN GERMAN, ENGLISH, FRENCH AND RUSSIAN.
NR-E9-00-000-01766	PHOTOGEOLOGISCHE UNTERSUCHUNGEN UBER LITHOLOGISCHE UND TEKTONISCHE KONTROLLE VON ENTWASSERUNGSSYSTEMEN IM TIBESTI-GEBIRGE (ZENTRAL-SAHARA, TSCHAD). FRANZ K. LIST, UND DIETRICH HELMCKE, BERLIN, GERMANY. IN BILDMESSUNG UND LUFTBILDWESEN, HEFT 5, 1970. PP.273-278. IN GERMAN, ENGLISH AND FRENCH SUMMARIES.
NR-E9-00-000-01767	QUANTITATIVE ERFASSUNG VON KLUFTNETZ UND ENTWASSERUNGSNETZ AUS DEM LUFTBILD. FRANZ K. LIST, BERLIN, GERMANY. IN BILDMESSUNG UND LUFTBILDWESEN, HEFT 4, 1969. PP.134-140. IN GERMAN, WITH GERMAN, ENGLISH AND FRENCH SUMMARIES.
NR-E9-00-000-01768	PHOTOGEOLOGISCHE UNTERSUCHUNGEN UBER BRUCHTEKTONIK UND ENTWASSERUNGSNETZ IM PRAKAMBRIUM DES NORDLICHEN TIBESTI-GEBIRGES, ZENTRAL-SAHARA, TSCHAD. FRANZ K. LIST, UND PETER STOCK, FREIEN UNIVERSITAT, BERLIN, GERMANY. IN GEOLOGISCHEN RUNDSCHAU, BAND 59, NOV. 1969. PP.228-256. IN GERMAN, ABSTRACTS IN GERMAN, ENGLISH, FRENCH, AND RUSSIAN.
NR-E9-GH-128-01785	PHOTOGEOLOGY. VICTOR C. MILLER, AND CALVIN F. MILLER, MILLER AND ASSOCIATES, INC. MCGRAW-HILL BOOK CO., INC., NEW YORK, 1961, 255P. \$16.00.
NR-E9-CL-143-01801	AN AEROMAGNETIC RECONNAISSANCE OF THE COOK INLET AREA ALASKA. ARTHUR GRANTZ, ISIDORE ZIETZ, AND GORDON E. ANDREASEN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1963. PP.117-134 AND 5 FOLDED PLATES. GEOLOGICAL SURVEY PROFESSIONAL PAPER 316-G.
NR-E9-EJ-130-01802	SAN FERNANDO EARTHQUAKE OF 9 FEBRUARY 1971 - PATTERN OF FAULTING. D.F. PALMER, AND T.L. HENYEU, DEPT. OF GEOLOGICAL SCIENCES, UNIV. OF SOUTHERN CALIF., LOS ANGELES. IN SCIENCE, VOL. 172, MAY 14, 1971. PP.712-715.



TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-FH-000-01909	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 9. GROUND TRUTH PARAMETERS FOR PADRE ISLAND, TEXAS. JOSEPH LINTZ, JR., MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. AUGUST 1967. CONTRACT NUMBER NAS 9-7044. N69-30685
NR-E9-EJ-998-01910	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 10. GROUND TRUTH FLIGHT DATA; MISSIONS 55 AND 56; SITE 56, MT. LASSEN, SITE 19, SONORA PASS, AND SITE 3, MONO CRATERS. JACK QUADE, PETER CHAPMAN, PETER BRENNAN AND PAT ROBERTSON, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. OCTOBER 1967. CONTRACT NUMBER NAS 9-7044. N69-30579
NR-E9-00-000-01911	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 11. COMPUTER CONTROLLED X-RAY SPECTROMETRIC ANALYSIS OF GEOLOGICAL MATERIALS. PAUL A. WEYLER, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. MARCH 1968. CONTRACT NUMBER NGR 1-38-7751. N69-30621
NR-E9-EJ-019-01912	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 12. SURFACE CHEMISTRY OF MAJOR ROCK TYPES OF SONORA PASS TEST SITE, CALIFORNIA. JACK G. QUADE, PETER E. CHAPMAN AND PETER A. BRENNAN, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. JUNE 1968. CONTRACT NUMBER NGR 1-38-7754. N69-30684
NR-E9-00-000-01913	AEROMAGNETIC TESTS FOR CONTINENTAL DRIFT IN AFRICA AND
NR-E9-EJ-019-01914	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 14. GROUND DATA INVESTIGATIONS, SONORA PASS, SITE 19-MISSION 78. JACK G. QUADE, PETER CHAPMAN, AND PETER BRENNAN, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. SEPTEMBER 1968. CONTRACT NUMBER NAS 9-7779. N69-31197
NR-E9-DJ-056-01916	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 16. ALBEDO MEASUREMENTS AT THE MT. LASSEN TEST SITE. PETER BRENNAN, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. DECEMBER 1968. CONTRACT NUMBER NAS 9-7779. N69-31057
NR-E9-00-000-01938	GAMMA SPECTROMETRY OF NATURAL ENVIRONMENTS AND FORMATIONS. THEORY OF THE METHOD APPLICATIONS TO GEOLOGY AND GEOPHYSICS. REPORT NO. SFCSI-COMM(TT-70-50092) R.M. KOGAN, I.M. NAZAROV AND SH. D. FRIDMAN, TRANSL. BY-NATIONAL SCIENCE FOUNDATION, SPECIAL FOREIGN CURRENCY SCIENCE INFORMATION PROGRAM, WASHINGTON, D.C. 1971, 350P. TRANSL. OF RUSSIAN MONOGRAPH-OSNOVY GAMMA-SPEKTROMETRII PRIRODNYKH SRED. TEORIYA METODA GAMMA-SPEKTROMETRII I GEOLOGO-GEOPHIZICHESKIE PRILozHENYA, MOSCOW, AUTOMIZDAT, 1969, 468P. MICROFICHE COPY. TT-70-50092, N71-22261.
NR-E9-EJ-075-02001	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-1. INFORMATION REGARDING VINDICATOR MOUNTAIN, NEVADA, AS A POSSIBLE TEST SITE FOR NASA REMOTE SENSING PROGRAM. WILLIAM A. FISCHER, U.S.G.S., WASHINGTON, D.C. AUGUST 5, 1964. CONTRACT NO. NONE. N69-80261
NR-E9-EJ-002-02002	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-2 GEOLOGICAL RECONNAISSANCE REPORT TEST SITE NO. 2 - PISGAH CRATER, CALIFORNIA. STEPHEN J. GAWARECKI, U.S.G.S., BRANCH OF THEORETICAL GEOPHYSICS, WASHINGTON, D.C. AUGUST 10, 1964. CONTRACT NO. NONE. N69-80265

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-00-000-02003	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-3. INTERIM REPORT OF ULTRAVIOLET ABSORPTION AND STIMULATED LUMINESCENCE INVESTIGATIONS BEING UNDERTAKEN IN COOPERATION WITH THE NASA. PART 1. ULTRAVIOLET VIDEO IMAGING SYSTEM, BY WILLIAM R. HEMPHILL AND STEPHEN J. GAWARECKI. PART 2. SPECTRAL DISTRIBUTION OF ULTRAVIOLET STIMULATED LUMINESCENCE BY WILLIAM A. FISCHER AND DAVID L. DANIELS. PART 3. MEASUREMENT OF ULTRAVIOLET REFLECTANCE, BY WILLIAM A. FISCHER AND REINHOLD FERHARZ. U.S.G.S., WASHINGTON, D.C. NOVEMBER 1964. CONTRACT NO. NONE. N69-29390
NR-E9-EJ-002-02004	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-4 PRELIMINARY GEOLOGIC MAP - PISGAH CRATER AND VICINITY, CALIFORNIA. T.W. DIBBLEE, JR., U.S.G.S., WASHINGTON, D.C. MARCH 12, 1965. CONTRACT NO. NONE. N69-80263
NR-E9-EJ-002-02005	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-5 PRELIMINARY RESULTS OF AERIAL INFRARED SURVEY AT PISGAH CRATER. W. A. FISCHER, J.D. FRIEDMAN, T.M. SOUSA, U.S.G.S., WASHINGTON, D.C. APRIL 22, 1965. CONTRACT NO. R-146. X65-25872 N70-38898 NASA CR-62908. MICROFICHE AND HARD COPY.
NR-E9-00-000-02006	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-6, ULTRAVIOLET ABSORPTION AND LUMINESCENCE INVESTIGATIONS PROGRESS REPORT. WILLIAM R. HEMPHILL, U.S.G.S., WASHINGTON, D.C., AND SAMUEL U. CARNAHAN, WESTINGHOUSE ELECTRIC CORPORATION, BALTIMORE, MARYLAND. AUGUST 16, 1965. CONTRACT NO. R-146. X66-11692 N70-38944 NASA-CR-68748. MICROFICHE AND HARD COPY.
NR-E9-EJ-002-02007	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-7. TOPOGRAPHIC STUDIES OF PISGAH CRATER, CALIFORNIA. R.E. ALTENHOFEN, U.S.G.S., MENLO PARK, CALIFORNIA, J.K. OMAN AND T.M. SOUSA, U.S.G.S., WASHINGTON, D.C. JUNE 25, 1965. CONTRACT NO. R-146. X65-17293 N70-38928 NASA-CR-63699 109P
NR-E9-00-000-02008	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-8, REFLECTANCE MEASUREMENTS IN THE 0.6 TO 2.5 MICRON PART OF THE SPECTRUM. REINHOLD GERHARZ AND WILLIAM A. FISCHER, U.S.G.S., WASHINGTON, D.C. FEBRUARY 1, 1966. CONTRACT NO. R-146. N66-21664
NR-E9-EJ-003-02009	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-9, PRELIMINARY GEOLOGIC MAP OF THE MONO CRATERS QUADRANGLE CALIFORNIA. RONALD W. KISTLER, U.S.G.S., MENLO PARK, CALIFORNIA. SEPTEMBER 1, 1965. CONTRACT NO. R-146. X66-11367 N70-38897 NASA CR-68346. MICROFICHE AND HARD COPY.
NR-E9-EJ-002-02011	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-11, GEOLOGIC MAP OF THE PISGAH AND SUNSHINE CONE LAVA FIELDS. WILLIAM S. WISE, UNIVERSITY OF CALIFORNIA, SANTA BARBARA, CALIFORNIA. MARCH 10, 1966. CONTRACT NO. R-146. N66-29544
NR-E9-EJ-003-02012	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-12, GEOLOGIC MAP OF MONO CRATERS AREA, CALIFORNIA. JULES D. FRIEDMAN, U.S.G.S., WASHINGTON, D.C. JULY 1966. CONTRACT NO. R-146-09-020 AND ORDER NO. T-65754G. N69-80264.
NR-E9-EJ-998-02013	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-13. INFRARED SPECTRAL EMITTANCE OF ROCKS FROM THE PISGAH AND MONO CRATERS AREAS, CALIFORNIA. DAVID L. DANIELS, U.S.G.S., WASHINGTON, D.C. NOVEMBER 1966. CONTRACT NO. R-146-09-020-006. U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-13A. SUPPLEMENT, INFRARED SPECTRAL EMITTANCE OF ROCKS FROM THE PISGAH AND MONO CRATERS AREA, CALIFORNIA. DAVID L. DANIELS, U.S.G.S., WASHINGTON, D.C. NOVEMBER 1966. CONTRACT NUMBER R-146-09-020-006. N67-13102

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-DJ-007-02016	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-16, GEOLOGICAL EVALUATION OF RADAR IMAGERY OREGON COAST. PARKE D. SNAVELY, JR. AND HOLLY C. WAGNER, U.S.G.S., MENLO PARK, CALIFORNIA. MAY 1966. CONTRACT NO. R-09-020-015. N69-80335
NR-E9-EJ-130-02017	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-17, EVALUATION OF EKTACHROME AND MULTIBAND PHOTOGRAPHY IN CALIENTE RANGE, CALIFORNIA. J. G. VEDDER AND E. W. WOLFE, U.S.G.S., MENLO PARK, CALIFORNIA. AUGUST 1966. CONTRACT NO. R-09-020-015. X66-21284 N70-41141 NASA-CR-77081. MICROFICHE AND HARD COPY.
NR-E9-EJ-998-02018	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-18, EVALUATION OF NINE-FRAME ENHANCED MULTIBAND PHOTOGRAPHY SAN ANDREAS FAULT ZONE, CARRIZO PLAIN, CALIFORNIA. ROBERT E. WALLACE, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. 1969. CONTRACT NUMBER R-090-020-011.
NR-E9-DJ-064-02019	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-19, GEOLOGIC EVALUATION OF RADAR IMAGERY OF THE CENTRAL PART OF THE OREGON HIGH CASCADE RANGE. D. A. SWANSON, U.S.G.S., MENLO PARK, CALIFORNIA. MAY 1966. CONTRACT NO. R-09-020-015. X66-20587 N70-38943 NASA-CR-77691. MICROFICHE AND HARD COPY. 19P.
NR-E9-EJ-002-02020	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-20 COMPOSITION OF BASALT FLOWS AT PISGAH CRATER, CALIFORNIA: PRELIMINARY DATA. JULES D. FRIEDMAN, U.S.G.S., WASHINGTON, D.C. JULY 1966. CONTRACT NO. R-146. X66-20670 N70-38845 NASA-CR-76716 MICROFICHE AND HARD COPY. 41P.
NR-E9-DJ-998-02023	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-23, GEOLOGIC APPRAISAL OF RADAR IMAGERY OF SOUTHWESTERN OREGON. WILLIAM P. IRWIN, U.S.G.S., MENLO PARK, CALIFORNIA. JUNE 1966. CONTRACT NO. R-09-020-015. X66-20589 N70-38892 NASA-CR-76690 MICROFICHE AND HARD COPY. 13P.
NR-E9-EJ-000-02024	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-24, PHOTOGEOLOGIC INTERPRETATION OF GEMINI IV COLOR PHOTOGRAPHY: BAJA, CALIFORNIA. ROWLAND TABOR, U.S.G.S., MENLO PARK, CALIFORNIA. MAY 1966. CONTRACT NO. R-09-020-015. X66-82368
NR-E9-EJ-008-02025	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-25, EVALUATION OF RADAR IMAGERY OF HIGHLY FAULTED VOLCANIC TERRANE IN SOUTHEAST OREGON. G. W. WALKER, U.S.G.S., MENLO PARK, CALIFORNIA. MAY 1966. CONTRACT NO. R-09-020-015. X66-18326 N70-41122 NASA-CR-75507. MICROFICHE AND HARD COPY.
NR-E9-DK-040-02026	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-26, APPLICATION OF RADAR IMAGERY TO A GEOLOGIC PROBLEM AT GLACIER PEAK VOLCANO, WASHINGTON. ROWLAND TABOR, U.S.G.S., MENLO PARK, CALIFORNIA. MAY 1966. CONTRACT NO. R-09-020-015. X66-93576. N70-38896 NASA-CR-113312
NR-E9-EJ-140-02027	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-27, GEOLOGIC EVALUATION OF RADAR IMAGERY OF FLIGHTS 100-B AND 100-C ACROSS THE CENTRAL SIERRA NEVADA, CALIFORNIA. PAUL C. BATEMAN, U.S.G.S., MENLO PARK, CALIFORNIA. MAY 1966. CONTRACT NO. R-09-020-015. X66-82458 N70-38899 NASA-CR-75525 9P.
NR-E9-EJ-015-02028	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-28, GEOLOGIC EVALUATION - RADAR IMAGERY OF TWIN BUTTES AREA, ARIZONA TEST SITE 15. JOHN R. COOPER, U.S.G.S., DENVER, COLORADO. MAY 1966. CONTRACT NO. R-09-020-015. STAR X66-19233. N70-40311. NASA-CR-76004. MICROFICHE AND HARD COPY.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-EJ-027-02029	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-29, RADAR IMAGERY: SALTON SEA AREA, CALIFORNIA. EDWARD W. WOLFE, U.S.G.S., MENLO PARK, CALIFORNIA. MAY 1966. CONTRACT NO. R-09-020-015. X66-82371. N70-38937 NASA-CR-75452. MICROFICHE AND HARD COPY. 16P.
NR-E9-EJ-011-02030	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-30, PRELIMINARY EVALUATION OF RADAR IMAGERY OF YELLOWSTONE PARK, WYOMING. R.L. CHRISTIANSEN, K.L. PIERCE, H.J. PROSTKA, AND E. T. RUPPEL, U.S.G.S., DENVER, COLORADO. JULY 1966. CONTRACT NO. R-09-020-015. X66-20671. N70-38847 NASA-CR-76711 MICROFICHE AND HARD COPY. 24P.
NR-E9-00-000-02032	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-32, REFLECTANCE OF ROCKS AND MINERALS TO VISIBLE AND ULTRAVIOLET RADIATION. H. V. WATTS, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. JULY 1966. CONTRACT NO. R-146-09-020-006. X66-19710 N70-38884 NASA-CR-76300. MICROFICHE AND HARD COPY. 69P.
NR-E9-00-000-02033	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-33. GEOLOGICAL STUDIES OF THE EARTH AND PLANETARY SURFACES OF ULTRAVIOLET ABSORPTION AND STIMULATED LUMINESCENCE. WILLIAM R. HEMPHILL, U.S.G.S., WASHINGTON, D.C., AND ROGER VICKERS, IITRI, CHICAGO, ILLINOIS. APRIL 1966. CONTRACT NO. R-146-09-020-006 X66-19431 N70-38945 NASA-CR-75909. MICROFICHE AND HARD COPY. U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-33A. SUPPLEMENT, GEOLOGICAL STUDIES OF THE EARTH AND PLANETARY SURFACES OF ULTRAVIOLET ABSORPTION AND STIMULATED LUMINESCENCE. WILLIAM R. HEMPHILL, U.S.G.S., WASHINGTON, D.C., AND ROGER VICKERS, IITRI, CHICAGO, ILLINOIS. AUGUST 1966. CONTRACT NUMBER R-146-09-020-006. X67-10466
NR-E9-EJ-027-02034	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-34, GEMINI V COLOR PHOTOGRAPHY OF SALTON SEA AREA, CALIFORNIA. EDWARD W. WOLFE, U.S.G.S., MENLO PARK, CALIFORNIA. MAY 1966. CONTRACT NO. R-09-020-015.
NR-E9-00-000-02036	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-36, THE EFFECT OF ULTRAVIOLET RADIATION OF THE INTENSITY OF LUMINESCENCE. DAVID L. DANIELS, U.S.G.S., WASHINGTON, D.C. JUNE 1966. CONTRACT NO. R-146-09-020-006. STAR X66-19714.
NR-E9-00-000-02037	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-37, PRELIMINARY ULTRAVIOLET REFLECTANCE OF SOME ROCKS AND MINERALS FROM 2000A TO 3000A. A.N. THORPE, C.M. ALEXANDER, AND F.E. SENFLE, U.S.G.S., WASHINGTON, D.C. AUGUST 1966. CONTRACT NO. R-146-09-020-006. X66-21931 N70-41116 NASA-CR-77596 MICROFICHE AND HARD COPY. 52P.
NR-E9-EJ-001-02038	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-38, GEOLOGICAL EVALUATION OF RADAR IMAGERY, SOUTHWESTERN AND CENTRAL UTAH. LOWELL S. HILPERT, U.S.G.S., SALT LAKE CITY, UTAH. AUGUST 1966. CONTRACT NO. R-09-020-015. X66-21932. N70-41126 NASA-CR-77595 MICROFICHE AND HARD COPY. 16P.
NR-E9-EJ-998-02039	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-39. INTERPRETATION OF ULTRAVIOLET IMAGERY OF THE METEOR CRATER, SALTON SEA AND ARIZONA SEDIMENTARY TEST SITES (MISSION 18, JANUARY 1966). WILLIAM R. HEMPHILL, U.S.G.S., WASHINGTON, D.C. AUGUST 1966. CONTRACT NO. R-146-09-020-006. X67-10464 U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-39A. SUPPLEMENT, INTERPRETATION OF ULTRAVIOLET IMAGERY OF THE METEOR CRATER, SALTON SEA AND ARIZONA SEDIMENTARY TEST SITES (MISSION 18, JANUARY 1966). WILLIAM R. HEMPHILL, U.S.G.S., WASHINGTON, D.C. AUGUST 1966. CONTRACT NUMBER R-146-09-020-006. X67-10464 N70-38886 NASA-CR-77594 MICROFICHE AND HARD COPY.



- | ACCESSION NUMBER   | DESCRIPTION  |
|--------------------|--|
| NR-E9-00-000-02040 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-40, GEOLOGIC INTERPRETATION OF THE GEMINI V PHOTOGRAPH OF THE SALT RANGE POTWAN PLATEAU REGION, WEST PAKISTAN. WILLIAM R. HEMPHILL, U.S.G.S., WASHINGTON, D.C. AND WALTER DANILCHIK, U.S.G.S., DENVER, COLORADO. AUGUST 1966. CONTRACT NO. R-146-09-020-013. X66-21934 N70-41115 NASA-CR-77597 MICROFICHE AND HARD COPY. 22P.                          |
| NR-E9-00-000-02041 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-41 POSSIBLE APPLICATION OF REMOTE-SENSING TECHNIQUES AND SATELLITE COMMUNICATIONS FOR EARTHQUAKE STUDIES. ROBERT E. WALLACE, U.S.G.S., MENLO PARK, CALIFORNIA, AND DAVID B. SIMMONS, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. JUNE 1966. CONTRACT NO. R-09-020-015. X66-19711 N70-40310 NASA-CR-76299 MICROFICHE AND HARD COPY. 9P. |
| NR-E9-DJ-024-02042 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-42. USE OF INFRARED IMAGERY IN STUDY OF THE SAN ANDREAS FAULT SYSTEM, CALIFORNIA. R.E. WALLACE, U.S.G.S., MENLO PARK, CALIFORNIA, AND R.M. MOXHAM, U.S.G.S., WASHINGTON, D.C. JUNE 1966. CONTRACT NO. R-09-020-015. X66-20672 N70-41074 NASA-CR-76707 MICROFICHE AND HARD COPY. 23P.   |
| NR-E9-QJ-000-02043 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-43, GEOLOGICAL UTILIZATION OF GEMINI COLOR PHOTOGRAPH OF DUBA AREA, SAUDI ARABIA. ROBERT F. JOHNSON, U.S.G.S., JIDDA, SAUDI ARABIA, AND JULES A. MACKALLOR, U.S.G.S., WASHINGTON, D.C. AUGUST 1966. CONTRACT NO. R-09-020-015. X66-21935 N70-38890 NASA-CR-77593 MICROFICHE AND HARD COPY.   |
| NR-E9-EJ-001-02044 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-44, PRELIMINARY REPORT ON RADAR IMAGERY OF CEDAR CITY-IRON SPRINGS AREA, UTAH. PAUL L. WILLIAMS, U.S.G.S., DENVER, COLORADO. SEPTEMBER 1966. CONTRACT NO. R-09-020-015. N70-38887 NASA-CR-78780 MICROFICHE AND HARD COPY.  |
| NR-E9-DJ-024-02045 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-45, GEOLOGIC EVALUATION OF RADAR IMAGERY: SAN ANDREAS FAULT ZONE FROM STEVENS CREEK, SANTA CLARA COUNTY TO MISSEL ROCK, SAN MATEO COUNTY, CALIFORNIA. ROBERT D. BROWN, JR., U.S.G.S., MENLO PARK, CALIFORNIA. AUGUST 1966. CONTRACT NO. R-09-020-015. X66-21936 N70-38893 NASA-CR-77610. MICROFICHE AND HARD COPY. 15P.                                |
| NR-E9-00-000-02046 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-46, AN EVALUATION OF THE GEMINI IV COLOR PHOTOS OF THE GULF OF CALIFORNIA - CENTRAL TEXAS AREA. H. DREWES, U.S.G.S., DENVER, COLORADO. OCTOBER 1966. CONTRACT NO. R-09-020-013. X66-23897 N70-38975 NASA-CR-78774. MICROFICHE AND HARD COPY. 17P.  |
| NR-E9-FJ-036-02047 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-47, GEOLOGIC EVALUATION OF RADAR IMAGERY OF THE SPANISH PEAKS REGION, COLORADO. ROSS B. JOHNSON, U.S.G.S., DENVER, COLORADO. OCTOBER 1966. CONTRACT NO. R-09-020-015. X66-23900. N70-38938 NASA-CR-78779 MICROFICHE AND HARD COPY. 14P.  |
| NR-E9-GJ-017-02048 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-48, GEOLOGICAL EVALUATION OF RADAR IMAGERY, APPALACHIAN PIEDMONT, HARTFORD AND YORK COUNTIES, MARYLAND AND PENNSYLVANIA. DAVID L. SOUTHWICK, U.S.G.S., WASHINGTON, D.C. OCTOBER 1966. CONTRACT NO. R-09-020-015. X66-23899 N70-38935 NASA-CR-78778 MICROFICHE AND HARD COPY. 15P.  |
| NR-E9-EJ-073-02049 | U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-49, GEOLOGICAL EVALUATION OF K-BAND IMAGERY, NORTH-CENTRAL NEVADA. RALPH J. ROBERTS, U.S.G.S., MENLO PARK, CALIFORNIA. AUGUST 1966. CONTRACT NO. R-09-020-015. X66-21937 N70-38894 NASA-CR-77609   |



TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-00-000-02052	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-52, GEOLOGIC INVESTIGATIONS OF REMOTE SENSING TECHNIQUES, FINAL REPORT TO NASA, FY 1966. W. D. CARTER, GEOLOGY COORDINATOR, U.S.G.S., GEOLOGIC DIVISION, WASHINGTON, D.C. JULY 21, 1966. CONTRACT NOS. R-09-020-011, R-09-020-013, R-09-020-015, AND R-09-020-019. X66-20443 N70-41028 NASA-CR-76634 MICROFICHE AND HARD COPY. 21P.
NR-E9-00-000-02056	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-56, GEOLOGICAL EVALUATION OF NIMBUS VIDICON IMAGERY, NORTHWEST GREENLAND. WILLIAM E. DAVIES, U.S.G.S., WASHINGTON, D.C. OCTOBER 1966. CONTRACT NO. R-09-020-011. X66-23898. N70-38934 NASA-CR-78776 MICROFICHE AND HARD COPY. 15P.
NR-E9-00-000-02057	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-57. LIQUID NITROGEN BLACKBODY FOR SPECTRAL EMITTANCE STUDIES. D.L. DANIELS AND A.E. STODDARD, U.S.G.S., WASHINGTON, D.C., AUGUST 1966. CONTRACT NUMBER R-146-09-020-006. X66-22081 N70-38889 NASA-CR-113209. MICROFICHE AND HARD COPY. 16P.
NR-E9-EJ-053-02058	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-58, GEOLOGIC EVALUATION OF RADAR IMAGERY IN SOUTHERN UTAH. R. J. HACKMAN, U.S.G.S., WASHINGTON, D.C. NOVEMBER 1966. CONTRACT NO. R-09-020-015. X67-11346 N70-41147 NASA-CR-80782 MICROFICHE AND HARD COPY. 24P.
NR-E9-00-000-02059	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-59, ANALYSIS OF EARTH ORBITER TEST SITE PROGRAM IN RELATION TO U.S. MINERAL NEEDS. W. D. CARTER, U.S.G.S., WASHINGTON, D.C. AUGUST 1966. CONTRACT NO. R-09-020-013. X66-37542 N70-41112 NASA-CR-77747 MICROFICHE AND HARD COPY. 21P.
NR-E9-EJ-028-02062	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-62. RADAR IMAGES - METEOR CRATER, ARIZONA. GERALD G. SCHAFER, U.S.G.S., FLAGSTAFF, ARIZONA. NOVEMBER 1966. CONTRACT NO. R-09-020-015. X67-10994 N70-41121 NASA-CR-80642 MICROFICHE AND HARD COPY. 18P.
NR-E9-GJ-000-02064	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-64, GEOLOGICAL EVALUATION OF NIMBUS VIDICON PHOTOGRAPHY, CHESAPEAKE BAY - BLUE RIDGE. CHARLES R. LEWIS AND WILLIAM E. DAVIES, U.S.G.S., WASHINGTON, D.C. NOVEMBER 1966. CONTRACT NO. R-09-020-011. X67-11347 N70-41117 NASA-CR-80783 MICROFICHE AND HARD COPY. 11P.
NR-E9-00-000-02070	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-70, MEASUREMENT OF LUMINESCENCE BY THE FRAUNHOFER LINE DEPTH METHOD. H. T. BETZ, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. DECEMBER 1966. CONTRACT NO. R-146-09-020-006. N67-13700
NR-E9-EJ-013-02071	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-71. INFRARED IMAGERY OF LORDSBURG - SILVER CITY AREA, NEW MEXICO. WALDEN P. PRATT, U.S.G.S., DENVER, COLORADO. MAY 1968. CONTRACT NUMBER R-146-09-020-006. N69-28394
NR-E9-EK-110-02072	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-72. GEOLOGIC INTERPRETATION OF INFRARED IMAGERY OF THE PEND OREILLE AREA, IDAHO. JACK E. HARRISON, U.S.G.S., DENVER, COLORADO. MAY 1968. CONTRACT NUMBER R-09-020-015. N68-23406
NR-E9-EJ-008-02077	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-77, GEOLOGIC EVALUATION OF INFRARED IMAGERY OF HIGHLY FAULTED VOLCANIC TERRAIN IN SOUTHEAST OREGON. GEORGE W. WALKER, U.S.G.S., MENLO PARK, CALIFORNIA. JUNE 1967, CONTRACT NO. R-09-020-015. X67-17989. N70-38941 NASA-CR-85272 MICROFICHE AND HARD COPY. 19P.

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-EJ-015-02089	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-89. EKTACHROME AND EKTACHROME INFRARED PHOTOGRAPHY OF THE TWIN BUTTES AREA, ARIZONA. JOHN R. COOPER, U.S.G.S., DENVER, COLORADO. JANUARY 1968. CONTRACT NO. R-09-020-001. X68-13263 N70-41123 NASA-TM-X-60760. MICROFICHE AND HARD COPY. 14P.
NR-E9-EJ-003-02090	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-90. ADDITIONAL INFRARED SPECTRAL EMITTANCE MEASUREMENTS OF ROCKS FROM THE MONO CRATERS REGION, CALIFORNIA. DAVID L. DANIELS, U.S.G.S., WASHINGTON, D.C. OCTOBER 1967. CONTRACT NO. T-65754 N69-28378
NR-E9-EJ-002-02099	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-99. INFRARED SURVEY OF THE PISGAH CRATER AREA, SAN BERNARDINO COUNTY, CALIFORNIA; A GEOLOGIC INTERPRETATION. STEPHEN J. GAWARECKI, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. JANUARY 1969. CONTRACT NUMBER R-09-020-011. N69-16109
NR-E9-00-000-02100	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-100. ULTRAVIOLET ABSORPTION AND LUMINESCENCE STUDIES, PROGRESS REPORT FOR THE PERIOD APRIL TO DECEMBER 1967. WILLIAM R. HEMPHILL, U.S.G.S., WASHINGTON, D.C. JANUARY 1968. CONTRACT NO. R-146-09-020-006. N69-28401
NR-E9-00-000-02102	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-102. STRUCTURAL GEOLOGIC INTERPRETATION FROM RADAR IMAGERY. R.G. REEVES, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. DECEMBER 1968. CONTRACT NUMBER R-09-020-011. N69-13927
NR-E9-EJ-011-02104	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-104. A DISTINCTION BETWEEN BEDROCK AND UNCONSOLIDATED DEPOSITS ON 3-5U INFRARED IMAGERY OF THE YELLOWSTONE RHYOLITE PLATEAU. ROBERT L. CHRISTIANSEN, U.S.G.S., DENVER, COLORADO. MAY 1968. CONTRACT NO. R-09-020-015. X68-15249 N70-38926 NASA-CR-94415. MICROFICHE AND HARD COPY. 8P.
NR-E9-EJ-011-02106	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-106. EVALUATION OF RADAR AND INFRARED IMAGERY OF SEDIMENTARY ROCK TERRANE, SOUTH-CENTRAL YELLOWSTONE NATIONAL PARK, WYOMING. WILLIAM R. KEEFER, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. MAY 1968. CONTRACT NUMBER R-09-020-015. N68-23210
NR-E9-EJ-004-02113	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-113. GEOLOGIC EVALUATION OF THERMAL INFRARED IMAGERY, CALIENTE AND TEMBLOR RANGES, SOUTHERN CALIFORNIA. EDWARD W. WOLFE, U.S.G.S., FLAGSTAFF, ARIZONA. SEPTEMBER 1968. CONTRACT NO. W-12589. N69-25018
NR-E9-00-000-02121	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-121. APPLICATION OF ULTRAVIOLET REFLECTANCE AND STIMULATED LUMINESCENCE TO THE REMOTE DETECTION OF NATURAL MATERIALS. WILLIAM R. HEMPHILL, U.S.G.S., WASHINGTON, D.C. SEPTEMBER 1968. CONTRACT NUMBER T-65757. THIS REPORT WAS PRESENTED AT THE 1968 AMERICAN SOCIETY FOR PHOTOGRAMMETRY CONVENTION, MARCH 12, SESSION B, APPLICATION OF REMOTE SENSING. N69-28327
NR-E9-EJ-004-02133	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-133. GEOLOGIC EVALUATION OF RADAR IMAGERY, CALIENTE AND TEMBLOR RANGES, SOUTHERN CALIFORNIA. EDWARD W. WOLFE, U.S. GEOLOGICAL SURVEY, FLAGSTAFF, ARIZONA. JANUARY 1969. CONTRACT NUMBER R-09-020-011. N69-16988

TECHNICAL REPORTS - GEOLOGY

ACCESSION NUMBER	DESCRIPTION
NR-E9-DK-040-02137	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-137. THERMAL FEATURES AT SOME CASCADE VOLCANOES AS OBSERVED BY AERIAL INFRARED SURVEYS. ROBERT M. MOXHAM, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969. CONTRACT NUMBER T-65754-G.
NR-E9-DJ-024-02139	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-139. POST-EARTHQUAKE INFRARED IMAGERY, PARKFIELD-CHOLAME, CALIFORNIA, EARTHQUAKES OF JUNE-AUGUST, 1966. ROBERT D. BROWN, JR., U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. JANUARY 1969. CONTRACT NUMBER R-09-020-011. N69-16908
NR-E9-EJ-139-02141	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-141. AERIAL INFRARED RECONNAISSANCE OF THE STEAMBOAT SPRINGS AREA, NEVADA. R.M. MOXHAM, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. AND GORDON W. GREENE, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. DECEMBER 1968. CONTRACT NUMBER T-65754-G.
NR-E9-EJ-998-02144	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-144. GEOLOGIC EVALUATION OF REMOTE SENSING DATA - SITE 157 ANZA-BORRIGO DESERT, CALIFORNIA. EDWARD W. WOLFE, U.S. GEOLOGICAL SURVEY, FLAGSTAFF, ARIZONA. MARCH 1969. CONTRACT NUMBER R-09-020-011. N69-16988.
NR-E9-EJ-998-02161	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-161. GEOLOGIC UTILITY OF SMALL-SCALE AIRPHOTOS. MALCOLM M. CLARK, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. 1969. CONTRACT NUMBER T-80485.
NR-E9-EJ-998-02164	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-164. MAPPING FROM SPACE PHOTOGRAPHS OF QUATERNARY GEOMORPHIC FEATURES AND SOIL ASSOCIATIONS IN NORTHERN CHIHUAHUA AND ADJOINING NEW MEXICO AND TEXAS. ROGER B. MORRISON, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. FEBRUARY 1970. CONTRACT NUMBERS R-09-020-011 AND 160-75-01-46-10.
NR-E9-EJ-011-02165	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-165. GEOLOGIC EVALUATION OF ANOMALIES BETWEEN LIKE-POLARIZED AND CROSS-POLARIZED K-BAND SIDE-LOOKING RADAR IMAGERY OF YELLOWSTONE NATIONAL PARK. GERALD M. RICHMOND, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. CONTRACT NUMBER 160-75-01-43-10.
NR-E9-EJ-011-02166	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-166. DETECTION OF THICK SURFICIAL DEPOSITS ON 8-14U INFRARED IMAGERY OF THE MADISON PLATEAU YELLOWSTONE NATIONAL PARK. HENRY A. WALDRUP, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. OCTOBER 1969. CONTRACT NUMBER R-09-020-015.
NR-E9-EJ-011-02168	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-168. GENERALIZED GEOLOGIC EVALUATION OF SIDE-LOOKING RADAR IMAGERY OF THE TETON RANGE AND JACKSON HOLE, NORTHWESTERN WYOMING. J.D. LOVE, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. CONTRACT NUMBERS R-09-020-011 AND 160-75-01-43-10.
NR-E9-EJ-011-02179	U.S. GEOLOGICAL SURVEY TECHNICAL LETTER NASA-179. GEOLOGIC INTERPRETATION OF A RADAR MOSAIC OF YELLOWSTONE NATIONAL PARK. HAROLD J. PROSTKA, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. FEBRUARY 1970. CONTRACT NUMBERS W-12589 AND 160-75-01-43-10.

# HYDROLOGY

# HYDROLOGY

## SECTION F1 - SITE MAPS

Reproduced from  
best available copy.



ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-F1-DK-040-00028	SITE 040-CASCADE MTNS., WASHINGTON	DETAIL	17 X 22
NR-F1-DK-040-00190	SITE 040-CASCADE MOUNTAIN, WASHINGTON	REGIONAL	17 X 22
NR-F1-GH-095-00024	SITE 095-EVERGLADES, FLORIDA SITE 098-HOMESTEAD, FLORIDA SITE 099-FLORIDA STRAITS SITE 107-CAPE SABLE SUBMARINE SPRING, FLORIDA SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-095-00053	SITE 095-EVERGLADES, FLA.	DETAIL	17 X 22
NR-F1-GH-095-00073	SITE 095-EVERGLADES, FLORIDA SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-098-00024	SITE 095-EVERGLADES, FLORIDA SITE 098-HOMESTEAD, FLORIDA SITE 099-FLORIDA STRAITS SITE 107-CAPE SABLE SUBMARINE SPRING, FLORIDA SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-099-00024	SITE 095-EVERGLADES, FLORIDA SITE 098-HOMESTEAD, FLORIDA SITE 099-FLORIDA STRAITS SITE 107-CAPE SABLE SUBMARINE SPRING, FLORIDA SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-105-00022	SITE 105-CRESCENT BEACH SUBMARINE SPRING, FLA.	REGIONAL	17 X 22
NR-F1-GH-106-00023	SITE 106-CLEARWATER/NAPLES SUBMARINE SPRING, FLA.	REGIONAL	17 X 22
NR-F1-GH-107-00024	SITE 095-EVERGLADES, FLORIDA SITE 098-HOMESTEAD, FLORIDA SITE 099-FLORIDA STRAITS SITE 107-CAPE SABLE SUBMARINE SPRING, FLORIDA SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-108-00024	SITE 095-EVERGLADES, FLORIDA SITE 098-HOMESTEAD, FLORIDA SITE 099-FLORIDA STRAITS SITE 107-CAPE SABLE SUBMARINE SPRING, FLORIDA SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-108-00073	SITE 095-EVERGLADES, FLORIDA SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA	REGIONAL	17 X 22

SITE MAPS - HYDROLOGY

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-F1-GJ-124-00082	SITE 124-DELMARVA PENINSULA DEL./ MD./VA.	REGIONAL	17 X 22
NR-F1-FK-118-00090	SITE 118-MISSOURI RIVER, N.D.	REGIONAL	17 X 22
NR-F1-FK-118-00202	SITE 118-MISSOURI RIVER, NORTH DAKOTA	REGIONAL	17 X 22
NR-F1-GJ-124-00137	SITE 124-DELMARVA PENINSULA, DELAWARE MARYLAND/VIRGINIA	REGIONAL	17 X 22
NR-F1-GJ-124-00173	SITE 124-DELMARVA PENINSULA, DELAWARE MARYLAND/VIRGINIA	REGIONAL	17 X 22
NR-F1-EJ-130-00030	SITE 130-SOUTHERN CALIF.	REGIONAL	17 X 22
NR-F1-GJ-142-00081	SITE 142-DELAWARE ESTUARY, PA./N.J.	REGIONAL	17 X 22
NR-F1-GJ-142-00136	SITE 142-DELAWARE ESTUARY, PA./N.J.	REGIONAL	17 X 22
NR-F1-CL-143-00067	SITE 143-COOK INLET, ALASKA	REGIONAL	17 X 22
NR-F1-FJ-144-00091	SITE 144-WISCONSIN SAND PLAINS	REGIONAL	17 X 22
NR-F1-FJ-144-00092	SITE 144-WISCONSIN SAND PLAINS	DETAIL	17 X 22
NR-F1-GH-145-00150	SITE 145-GULF COAST SPRINGS	REGIONAL	17 X 22
NR-F1-GH-145-00208	SITE 145-GULF COAST SPRINGS	REGIONAL	17 X 22
NR-F1-GH-145-00265	SITE 145-GULF COAST SPRINGS, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-146-00109	SITE 146-ALAFIA/PEACE RIVERS, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-146-00110	SITE 146-ALAFIA/PEACE RIVERS, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-146-00151	SITE 146-ALAFIA/PEACE RIVERS, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-146-00206	SITE 146-ALAFIA/PEACE RIVERS, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-146-00230	SITE 146-ALAFIA/PEACE RIVERS, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-146-00248	SITE 146-ALAFIA/PEACE RIVERS, FLA.	REGIONAL	17 X 22
NR-F1-GH-147-00149	SITE 147-LAKES/TAMPA, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-147-00205	SITE 147-LAKES/TAMPA, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-147-00225	SITE 147-LAKES/TAMPA, FLORIDA	REGIONAL	17 X 22
NR-F1-GH-147-00269	SITE 147-TAMPA LAKES, FLORIDA	REGIONAL	17 X 22
NR-F1-GJ-148-00084	SITE 148-LEHIGH RIVER, PA.	REGIONAL	17 X 22
NR-F1-GJ-148-00182	SITE 148-LEHIGH RIVER, PENNSYLVANIA	REGIONAL	17 X 22
NR-F1-HJ-151-00079	SITE 151-LONG ISLAND, N.Y.	REGIONAL	17 X 22
NR-F1-HJ-151-00140	SITE 151-LONG ISLAND, NEW YORK	REGIONAL	17 X 22
NR-F1-HJ-152-00080	SITE 152-BARNEGAT BAY, NEW JERSEY	REGIONAL	17 X 22
NR-F1-HJ-152-00085	SITE 152-BARNEGAT BAY, NEW JERSEY	DETAIL	17 X 22
NR-F1-HJ-152-00139	SITE 152-BARNEGAT BAY, NEW JERSEY	REGIONAL	17 X 22
NR-F1-HJ-152-00218	SITE 152-BARNEGAT BAY, NEW JERSEY	REGIONAL	17 X 22
NR-F1-HJ-161-00142	SITE 161-RARITAN RIVER, NEW JERSEY	REGIONAL	17 X 22
NR-F1-HJ-161-00217	SITE 161-RARITAN RIVER, NEW JERSEY	REGIONAL	17 X 22
NR-F1-GJ-168-00174	SITE 168-PATUXENT RIVER, MARYLAND SITE 174-WALLOPS ISLAND, VIRGINIA	REGIONAL	17 X 22

SITE MAPS - HYDROLOGY

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-F1-GJ-168-00198	SITE 168-PATUXENT RIVER, MARYLAND	REGIONAL	17 X 22
NR-F1-FH-171-00203	SITE 171-SABINE LAKE, LOUISIANA	REGIONAL	17 X 22
NR-F1-FH-171-00236	SITE 171-SABINE LAKE, LOUISIANA	REGIONAL	17 X 22
NR-F1-GJ-174-00174	SITE 168-PATUXENT RIVER, MARYLAND SITE 174-WALLOPS ISLAND, VIRGINIA	REGIONAL	17 X 22
NR-F1-GJ-174-00194	SITE 174-WALLOPS ISLAND, VIRGINIA	REGIONAL	17 X 22
NR-F1-GJ-174-00195	SITE 174-WALLOPS ISLAND, VIRGINIA	REGIONAL	17 X 22
NR-F1-GJ-174-00196	SITE 174-WALLOPS ISLAND, VIRGINIA	REGIONAL	17 X 22
NR-F1-GJ-174-00197	SITE 174-WALLOPS ISLAND, VIRGINIA	REGIONAL	17 X 22
NR-F1-FH-179-00227	SITE 179-LAGUNA MADRE AND CORPUS CHRISTI, TEXAS	REGIONAL	17 X 22
NR-F1-FH-179-00228	SITE 179-LAGUNA MADRE/CORPUS CHRISTI, TEXAS	REGIONAL	17 X 22
NR-F1-FH-179-00286	SITE 179-LAGUNA MADRE/CORPUS CHRISTI, TEXAS	REGIONAL	17 X 22
NR-F1-FH-179-00287	SITE 179-LAGUNA MADRE/CORPUS CHRISTI, TEXAS	REGIONAL	17 X 22
NR-F1-EJ-181-00215	SITE 181-COLORADO RIVER DELTA	REGIONAL	17 X 22

## SECTION F2 - SITE DESCRIPTIONS

ACCESSION NUMBER	DESCRIPTION
NR-F2-EJ-027-00019	SITE 027-SALTON SEA, CALIF.
NR-F2-DK-040-00024	SITE 040-CASCADE MNS. (CASCADE GLACIER SITE), WASHINGTON
NR-F2-GH-095-00057	SITE 095-EVERGLADES, FLORIDA
NR-F2-FK-118-00068	SITE 118-MISSOURI RIVER, NORTH DAKOTA
NR-F2-FJ-120-00058	SITE 120-LAKE COLORADO CITY, TEX.
NR-F2-GJ-125-00059	SITE 125-ROXBORO RESERVOIR, N.C.
NR-F2-GJ-142-00061	SITE 142-DELAWARE ESTUARY, PENNSYLVANIA/NEW JERSEY
NR-F2-CL-143-00066	SITE 143-COOK INLET, ALASKA
NR-F2-FJ-144-00065	SITE 144-WISCONSIN SAND PLAINS
NR-F2-GJ-148-00062	SITE 148-LEHIGH RIVER, PENNSYLVANIA

# SECTION F3 - AIRCRAFT MISSION REQUESTS

ACCESSION NUMBER	DESCRIPTION
NR-F3-EJ-011-00314	SITE 011-YELLOWSTONE NATIONAL PARK, WYOMING/MONT./IDAHO (2)
NR-F3-EJ-027-00014	SITE 027-SALTON SEA, CALIFORNIA (1)
NR-F3-EJ-027-00084	SITE 027-SALTON SEA, CALIFORNIA (2)
NR-F3-EJ-027-00085	SITE 027-SALTON SEA, CALIFORNIA (3)
NR-F3-DK-040-00017	SITE 040-CASCADE MOUNTAINS (CASCADE GLACIER SITE), WASHINGTON (1)
NR-F3-DK-040-00095	SITE 040-CASCADE MOUNTAINS (CASCADE GLACIER SITE), WASHINGTON (2)
NR-F3-DK-040-00096	SITE 040-CASCADE MOUNTAINS (CASCADE GLACIER SITE), WASHINGTON (3)
NR-F3-DK-040-00097	SITE 040-CASCADE MOUNTAINS (CASCADE GLACIER SITE), WASHINGTON (4)
NR-F3-DK-040-00211	SITE 040-CASCADE MOUNTAINS (CASCADE GLACIER SITE), WASHINGTON (5)
NR-F3-DK-040-00212	SITE 040-CASCADE MOUNTAINS (CASCADE GLACIER SITE), WASHINGTON (6)
NR-F3-DK-040-00251	SITE 040-CASCADE MOUNTAINS (CASCADE GLACIER SITE), WASHINGTON (7)
NR-F3-GH-095-00032	SITE 095-EVERGLADES, FLORIDA (1)
NR-F3-GH-095-00052	SITE 095-EVERGLADES, FLORIDA (2)
NR-F3-GH-095-00129	SITE 095-EVERGLADES, FLORIDA (3)
NR-F3-GH-095-00130	SITE 095-EVERGLADES, FLORIDA (4)
NR-F3-GH-095-00131	SITE 095-EVERGLADES, FLORIDA (5)
NR-F3-GH-105-00036	SITE 105-CRESCENT BEACH SUBMARINE SPRING, FLORIDA (1) SITE 106-CLEARWATER/NAPLES SUBMARINE SPRING, FLORIDA (1) SITE 107-CAPE SABLE SUBMARINE SPRING, FLORIDA (1) SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA (1)
NR-F3-GH-106-00036	SITE 105-CRESCENT BEACH SUBMARINE SPRING, FLORIDA (1) SITE 106-CLEARWATER/NAPLES SUBMARINE SPRING, FLORIDA (1) SITE 107-CAPE SABLE SUBMARINE SPRING, FLORIDA (1) SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA (1)
NR-F3-GH-108-00036	SITE 105-CRESCENT BEACH SUBMARINE SPRING, FLORIDA (1) SITE 106-CLEARWATER/NAPLES SUBMARINE SPRING, FLORIDA (1) SITE 107-CAPE SABLE SUBMARINE SPRING, FLORIDA (1) SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA (1)
NR-F3-GH-108-00138	SITE 108-CUTLER AREA SUBMARINE SPRING, FLORIDA (2)
NR-F3-FK-118-00141	SITE 118-MISSOURI RIVER, NORTH DAKOTA (1)
NR-F3-FK-118-00142	SITE 118-MISSOURI RIVER, NORTH DAKOTA (2)
NR-F3-FK-118-00143	SITE 118-MISSOURI RIVER, NORTH DAKOTA (3)
NR-F3-FK-118-00218	SITE 118-MISSOURI RIVER, NORTH DAKOTA (4)
NR-F3-FK-118-00219	SITE 118-MISSOURI RIVER, NORTH DAKOTA (5)
NR-F3-FJ-120-00056	SITE 120-LAKE COLORADO CITY, TEXAS (1)



AIRCRAFT MISSION REQUESTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F3-GJ-124-00144	SITE 124-DELMARVA PENINSULA, DELAWARE/MARYLAND/VIRGINIA (1)
NR-F3-GJ-124-00252	SITE 124-DELMARVA PENINSULA, DELAWARE/MARYLAND/VIRGINIA (2)
NR-F3-GJ-124-00327	SITE 124-DELMARVA PENINSULA, DELAWARE/MARYLAND/VIRGINIA (3)
NR-F3-GJ-125-00057	SITE 125-ROXBORO RESERVOIR, NORTH CAROLINA (1)
NR-F3-GJ-125-00328	SITE 125-ROXBORO RESERVOIR, NORTH CAROLINA (2)
NR-F3-GJ-142-00059	SITE 142-DELAWARE ESTUARY, PENNSYLVANIA/NEW JERSEY (1)
NR-F3-GJ-142-00163	SITE 142-DELAWARE ESTUARY, PENNSYLVANIA/NEW JERSEY (2)
NR-F3-GJ-142-00220	SITE 142-DELAWARE ESTUARY, PENNSYLVANIA/NEW JERSEY (3)
NR-F3-GJ-142-00248	SITE 142-DELAWARE ESTUARY, PENNSYLVANIA/NEW JERSEY (4)
NR-F3-GJ-142-00290	SITE 142-DELAWARE ESTUARY, PENNSYLVANIA/NEW JERSEY (5)
NR-F3-GJ-142-00331	SITE 142-DELAWARE ESTUARY, PENNSYLVANIA/NEW JERSEY (6)
NR-F3-CL-143-00164	SITE 143-COOK INLET, ALASKA (1)
NR-F3-FJ-144-00165	SITE 144-WISCONSIN SAND PLAINS (1)
NR-F3-GH-145-00061	SITE 145-GULF COAST SPRINGS (1)
NR-F3-GH-145-00166	SITE 145-GULF COAST SPRINGS (2)
NR-F3-GH-145-00239	SITE 145-GULF COAST SPRINGS (3)
NR-F3-GH-146-00062	SITE 146-ALAFIA/PEACE RIVERS, FLORIDA (1)
NR-F3-GH-146-00167	SITE 146-ALAFIA AND PEACE RIVERS, FLORIDA (2)
NR-F3-GH-146-00240	SITE 146-ALAFIA AND PEACE RIVERS, FLORIDA (3)
NR-F3-GH-146-00247	SITE 146-ALAFIA AND PEACE RIVERS, FLORIDA (4)
NR-F3-GH-146-00329	SITE 146-ALAFIA AND PEACE RIVERS, FLORIDA (5)
NR-F3-GH-147-00063	SITE 147-LAKES/TAMPA, FLORIDA (1)
NR-F3-GH-147-00168	SITE 147-LAKES/TAMPA, FLORIDA (2)
NR-F3-GH-147-00241	SITE 147-LAKES/TAMPA, FLORIDA (3)
NR-F3-GJ-148-00060	SITE 148-LEHIGH RIVER, PENNSYLVANIA (1)
NR-F3-GJ-148-00169	SITE 148-LEHIGH RIVER, PENNSYLVANIA (2)
NR-F3-GJ-148-00170	SITE 148-LEHIGH RIVER, PENNSYLVANIA (3)
NR-F3-GJ-148-00221	SITE 148-LEHIGH RIVER, PENNSYLVANIA (4)
NR-F3-GJ-150-00174	SITE 150-PAMLICO SOUND, NORTH CAROLINA (1)
NR-F3-HJ-151-00175	SITE 151-LONG ISLAND, NEW YORK (1)
NR-F3-HJ-151-00176	SITE 151-LONG ISLAND, NEW YORK (2)
NR-F3-HJ-151-00223	SITE 151-LONG ISLAND, NEW YORK (3)
NR-F3-HJ-151-00224	SITE 151-LONG ISLAND, NEW YORK (4)
NR-F3-HJ-151-00250	SITE 151-LONG ISLAND, NEW YORK (5)

## AIRCRAFT MISSION REQUESTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F3-HJ-151-00292	SITE 151-LONG ISLAND, NEW YORK (6)
NR-F3-HJ-151-00332	SITE 151-LONG ISLAND, NEW YORK (7)
NR-F3-HJ-152-00064	SITE 152-BARNEGAT BAY, NEW JERSEY (1)
NR-F3-HJ-152-00225	SITE 152-BARNEGAT BAY, NEW JERSEY (2)
NR-F3-HH-152-00330	SITE 152-BARNEGAT BAY, NEW JERSEY (3)
NR-F3-HJ-161-00232	SITE 161-RARITAN RIVER, NEW JERSEY (1)
NR-F3-GJ-168-00203	SITE 168-PATUXENT RIVER, MARYLAND (1)
NR-F3-GJ-168-00233	SITE 168-PATUXENT RIVER, MARYLAND (2)
NR-F3-GJ-168-00234	SITE 168-PATUXENT RIVER, MARYLAND (3)
NR-F3-GJ-168-00249	SITE 168-PATUXENT RIVER, MARYLAND (4)
NR-F3-GJ-168-00296	SITE 168-PATUXENT RIVER, MARYLAND (6)
NR-F3-GJ-168-00346	SITE 168-PATUXENT RIVER, MARYLAND (7)
NR-F3-FH-171-00204	SITE 171-SABINE LAKE, LOUISIANA (1)
NR-F3-FH-171-00235	SITE 171-SABINE LAKE, LOUISIANA (2)
NR-F3-FH-171-00236	SITE 171-SABINE LAKE, LOUISIANA (3)
NR-F3-GJ-174-00242	SITE 174-WALLOPS ISLAND, VIRGINIA (1)
NR-F3-GJ-174-00313	SITE 174-WALLOPS ISLAND, VIRGINIA (2)
NR-F3-HJ-215-00356	SITE 215-LONG ISLAND SOUND, NEW YORK (1)
NR-F3-FK-216-00355	SITE 216-JANESTOWN, NORTH DAKOTA (1)

## SECTION F4 - MISSION SCREENING AND SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-F4-GH-146-BM022	MISSION NO. 22M, SITE 146
NR-F4-FH-171-B0087	MISSION NO. 87 SITE 171

# SECTION F6 - DIVISION BIBLIOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-F6-00-000-00183	THE DEVELOPMENT OF A CONTINUOUS MULTIPARAMETER WATER QUALITY MONITOR. FINAL REPORT. DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION, UNIVERSITY OF ARKANSAS, GRADUATE INSTITUTE OF TECHNOLOGY, LITTLE ROCK, ARKANSAS. AUGUST 1969. RESEARCH GRANT NO. WP00044.
NR-F6-HH-152-00184	A CONTRIBUTION TO A COOPERATIVE STUDY OF THE EFFECT OF THE EFFLUENT FROM AN ATOMIC POWER PLANT ON THE ADJACENT WATERS BARNEGAT BAY, NEW JERSEY. SPECIAL INTERIM PROGRESS REPORT. ROBERT CAMPBELL, U.S. PUBLIC HEALTH SERVICE, NORTHEAST RESEARCH CENTER, NARRAGANSETT, RHODE ISLAND. MARCH 1967.
NR-F6-HH-152-00185	A CONTRIBUTION TO A COOPERATIVE STUDY OF THE EFFECT OF THE EFFLUENT FROM AN ATOMIC POWER PLANT ON THE ADJACENT WATERS OF BARNEGAT BAY, NEW JERSEY. SPECIAL INTERIM PROGRESS NO. 2. JAMES L. VERBER, U.S. PUBLIC HEALTH SERVICE, NORTHEAST MARINE HEALTH SCIENCES LABORATORY, NARRAGANSETT, RHODE ISLAND APRIL 1968.
NR-F6-HH-152-00186	EFFECT OF THE EFFLUENT FROM AN ATOMIC POWER PLANT ON THE ADJACENT PORTION OF BARNEGAT BAY, NEW JERSEY. SPECIAL INTERIM REPORT, OBSERVATIONS ON SHELLFISH RESOURCES. ROBERT CAMPBELL, U.S. PUBLIC HEALTH SERVICE, NORTHEAST MARINE HEALTH SCIENCES LABORATORY, NARRAGANSETT, RHODE ISLAND. AUGUST 1968
NR-F6-HH-152-00187	EFFECT OF THE EFFLUENT FROM AN ATOMIC POWER PLANT ON THE ADJACENT PORTION OF BARNEGAT BAY, NEW JERSEY. TECHNICAL ASSISTANCE PROPOSAL. U.S. PUBLIC HEALTH SERVICE, NORTHEAST RESEARCH CENTER, NARRAGANSETT, RHODE ISLAND, JULY 1, 1965.
NR-F6-EJ-003-00191	INFRARED EXPLORATION FOR SHORELINE SPRINGS AT MONO LAKE, CALIFORNIA, TEST SITE. FINAL REPORT. STANFORD RSL TECHNICAL REPORT 69-7. KEENAN LEE, GEOLOGY DEPARTMENT, STANFORD UNIVERSITY. SEPTEMBER 1969. CONTRACT NO. 14-08-0001-11217.
NR-F6-00-000-00215	ENHANCEMENT OF HYDROGRAPHIC AERIAL PHOTOGRAPHY. FINAL REPORT, NO. TR-DA1824. D.S. ROSS AND H.A. SHORT, PHILCO-FORD CORP., SPACE AND RE-ENTRY SYSTEMS DIV., PALO ALTO, CALIFORNIA. SEPTEMBER 1968. CONTRACT NO. N62306-68-C0155.
NR-F6-00-000-00224	SATELLITE SURVEILLANCE OF MOUNTAIN SNOW IN THE WESTERN UNITED STATES. FINAL REPORT, NO. #G57-F. JAMES C. BARNES AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. JUNE 1969. CONTRACT NUMBER E-196-68. N70-13236
NR-F6-DJ-049-00243	PASSIVE MICROWAVE MEASUREMENTS OF SNOW, SOILS AND SNOW-ICE-WATER SYSTEMS. PROGRESS REPORT, JAN. 1967 - NOV. 1967. A.T. EDGERTON, ET AL., AERQUET GENERAL CORP., SPACE DIV., EL MONTE, CALIFORNIA. FEB. 1968. CONTRACT NO. NONR4767(00) MICROFICHE COPY. STAR N68-30647.
NR-F6-EJ-130-00244	PASSIVE MICROWAVE MEASUREMENTS OF SNOW, ICE AND SOIL. SEMI-ANNUAL PROGRESS REPORT, MARCH 1968-AUGUST 1968. A.T. EDGERTON, AERQUET GENERAL CORP., SPACE DIVISION, EL MONTE, CALIFORNIA. AUGUST 1968. CONTRACT NO. NONR 4767(00). MICROFICHE COPY. STAR N69-12524.
NR-F6-GJ-046-00267	PRELIMINARY STUDY OF COLORS ON SELECTED REMOTE SENSOR IMAGES OF WATER BODIES IN THE ASHEVILLE, NORTH CAROLINA TEST AREA. TECHNICAL REPORT 8. LYMAN O. WILLIAMS, EAST TENNESSEE STATE UNIVERSITY, JOHNSON CITY, TENNESSEE. CONTRACT NUMBER N00014-67-A-0102-0001.

Reproduced from  
best available copy.



DIVISION BIBLIOGRAPHY - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F6-GJ-000-00270	MAPPING OF SUBMERGED AQUATIC VEGETATION IN CAYUGA LAKE USING COLOR AERIAL PHOTOGRAPHY. JOHN E. LUKENS, NEW YORK STATE CONSERVATION DEPT., DIV. OF WATER RESOURCES, ITHACA, N.Y.
NR-F6-00-000-00342	FEASIBILITY STUDY OF THE USE OF RADAR TO DETECT SURFACE AND GROUND WATER. TECHNICAL REPORT NO. 3-727. B.R. DAVIS, JERRY R. LUNDIEN AND ALBERT N. WILLIAMSON, JR., U.S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS. APRIL 1966. AD 483 864. X66-22426
NR-F6-00-000-00376	NIGHT RADIATION MEASUREMENTS AT LAC MONTAUBAN, QUEBEC, OCTOBER 1968. REPORT NO. DREV-TN-1865/70. D. PLEITER AND G.A. MORLEY, DEFENCE RESEARCH ESTABLISHMENT, VALCARTIER QUEBEC, CANADA. JAN. 1970. MICROFICHE COPY. X70-14226.
NR-F6-00-000-00494	PLUME EFFECTS OF NATURAL DRAFT HYPERBOLIC COOLING TOWERS. INTERIM REPORT. ROBERT F. VISBISKY, CARROLL H. BITTING, GILBERT ASSOCIATES, INC., READING, PENNSYLVANIA, AND GEORGE F. BIERMAN, METROPOLITAN EDISON CO., READING, PA., 1970, 11P. W70-09604

## SECTION F7 - SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-F7-00-000-00034	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. HYDROLOGY-NO. 3. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N69-28360.

## SECTION F8 SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-F8-00-000-00019	WATER RESOURCES RESEARCH CATALOG, VOLUME 2. OFFICE OF WATER RESOURCES RESEARCH, U.S. DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C. NOVEMBER 1966.

SUBJECT RELATED DOCUMENTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F8-00-000-00158	INDEX TO CATALOG OF INFORMATION ON WATER DATA. WATER QUALITY STATIONS. EDITION 1967. COMPILED BY K.F. HARRIS, J.R. RAPP, AND W.W. DOYEL, U.S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, OFFICE OF WATER DATA COORDINATION, WASHINGTON, D.C.
NR-F8-00-000-00171	ICE OBSERVATIONS 1964. HUDSON BAY AND APPROACHES. METEOROLOGICAL BRANCH, DEPT. OF TRANSPORT, OTTAWA, CANADA. 1964. STAR X68-12805
NR-F8-00-000-00185	WATER RESOURCES RESEARCH CATALOG, VOL. 3. OFFICE OF WATER RESOURCES RESEARCH, U.S. DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C. DECEMBER 1967.
NR-F8-00-000-00213	FEDERAL PLAN FOR COORDINATION OF NATIONAL NETWORK AND SPECIALIZED WATER-DATA ACQUISITION ACTIVITIES, 1966 FISCAL YEAR. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. NOVEMBER 1964.
NR-F8-00-000-00235	BIBLIOGRAPHY ON SNOW, ICE AND FROZEN GROUND. VOL. XXII. REPORT NO. CRRL 12. U.S. ARMY, COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, NEW HAMPSHIRE. JUNE 1968. MICROFICHE COPY. STAR N68-35240.
NR-F8-00-000-00320	ANNOTATED BIBLIOGRAPHY ON HYDROLOGY AND SEDIMENTATION 1963-1965. JOINT HYDROLOGY-SEDIMENTATION BULLETIN NO. 9. U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. JUNE 1969.
NR-F8-00-057-00380	FRESH-WATER SPRINGS OF HAWAII FROM INFRARED IMAGES. REPORT NO. ATLAS HA-218. WILLIAM A. FISCHER, DAN A. DAVIS AND THERESA M. SOUSA, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1968.
NR-F8-00-000-00501	A PLAN FOR A COMPREHENSIVE WATER RESOURCES RESEARCH INFORMATION EXCHANGE SYSTEM, FINAL REPORT, AUG. 1969. HARVEY O. BANKS AND CHARLES G. WOLFE, LEEDS, HILL AND JEWITT, INC., SAN FRANCISCO, CALIF. STAR N70-13889. PB-185 801. MICROFICHE COPY.
NR-F8-GJ-998-00550	OPERATIONAL GUIDE FOR MAPPING SNOW COVER FROM SATELLITE PHOTOGRAPHY. JAMES C. BARNES AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. MAY 1968.
NR-F8-FJ-000-00598	PLUME TRACKING AND MASS FLOW STUDIES WITHIN THE ELK MOUNTAIN WATER RESOURCE OBSERVATORY AND WESTERN SOUTH DAKOTA. AUGUST H. AUER, JR., DONALD L. VEAL, AND JOHN D. MARWITZ, NATURAL RESOURCES RESEARCH INSTITUTE, UNIVERSITY OF WYOMING, LARAMIE, WYOMING. PRESENTED AT PROJECT SKYWATER PLANNING CONFERENCE OF THE BUREAU OF RECLAMATION, 3RD, FORT COLLINS, COLO., FEB. 1967. NATURAL RESOURCES RESEARCH INSTITUTE, INFORMATION CIRCULAR NO. 54, FEB. 1968.
NR-F8-00-000-00687	A MODELING APPROACH TO THE PROBLEM OF DETERMINING THE TEMPERATURE OF RIVERS FROM SATELLITES. A.A. DMITRIEV AND T.V. EVNEVICH, MOSCOW STATE UNIVERSITY, USSR. PUBLISHED IN AKADEMIIA NAUK SSSR, IZVESTIA, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 2, NO. 8, 1966. PP.897-899.
NR-F8-00-000-00724	PERSISTENCE IN SNOWFALL INTERSITIES MEASURED AT THE GROUND. REPORT NO. AFRL-70-0230. ROSEMARY M. DYER, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, BEDFORD, MASS. IN JOURNAL OF APPLIED METEOROLOGY, VOL. 9, NO. 1, FEB. 1970. PP.29-34. AD-705 009.

SUBJECT RELATED DOCUMENTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F8-00-000-00747	TRANSPORT VELOCITIES OF INDIVIDUAL SIZE FRACTIONS IN HETEROGENEOUS BED LOAD. COASTAL STUDIES INSTITUTE TECHNICAL REPORT 74. NILS MELAND, WISCONSIN STATE UNIVERSITY, OSHKOSH, WISCONSIN, AND JOHN O. NORRMAN, UPPSALA UNIVERSITY, UPPSALA, SWEDEN. LOUISIANA STATE UNIVERSITY, COASTAL STUDIES INSTITUTE, BATON ROUGE, LA. REPRINTED FROM GEOGRAFISKA ANNALER, VOL. 51A, NO. 3, 1969. PP.127-144. MICROFICHE COPY. AD-704 540.
NR-F8-00-000-00762	WATER RESOURCES OBSERVATORY SOLAR RADIATION DATA, WATER YEAR 1969 AND PRIOR. WATER RESOURCES RESEARCH INSTITUTE. WATER RESOURCES SERIES 16. UNIVERSITY OF WYOMING, LARAMIE, WYOMING, OCT. 1969. MICROFICHE COPY. PB-188 287 W70-02242 N70-25495.
NR-F8-00-000-00887	THE INFLUENCE OF SOLAR RADIATION REFLECTANCE ON WATER EVAPORATION. J. TAYLOR BEARD, AND DAVID K. HOLLEN, UNIVERSITY OF VIRGINIA, MECHANICAL ENGINEERING DEPT., CHARLOTTESVILLE, VA. WATER RESOURCES RESEARCH CENTER, VIRGINIA POLYTECHNIC INSTITUTE, BLACKSBURG, VIRGINIA. AUG. 1969, 29P. WATER RESOURCES RESEARCH CENTER, VIRGINIA POLYTECHNIC INSTITUTE, BULLETIN 30. PB-188 499 N70-26929 MICROFICHE AND HARD COPY.
NR-F8-00-000-00947	DATA ERROR EFFECTS IN UNIT HYDROGRAPH DERIVATION. ERIC M. LAURENSEN, UNIV. OF NEW SOUTH WALES, SYDNEY, AUSTRALIA, AND TERENCE O'DONNELL, IMPERIAL COLLEGE OF SCIENCE AND TECH., LONDON, ENG. IN AMERICAN SOCIETY OF CIVIL ENGINEERS. PROCEEDINGS. JOURNAL OF THE HYDRAULICS DIVISION, VOL. 95, NO. HY6, NOV. 1969, PAPER 6887, PP.1899-1917. W70-02454
NR-F8-EJ-209-00956	OBJECTIVES, METHODS, AND ENVIRONMENT, GILA RIVER PHREATOPHYTE PROJECT, GRAHAM COUNTY, ARIZONA. GEOLOGICAL SURVEY PROFESSIONAL PAPER 655-A. (ABOUT 32P.) RICHARD C. CULLER, AND OTHERS, GILA RIVER PHREATOPHYTE PROJECT, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1970.
NR-F8-00-000-01018	ANNOTATED BIBLIOGRAPHY OF REPORTS, STUDIES, AND INVESTIGATIONS RELATING TO SATELLITE HYDROLOGY. TECHNICAL MEMO. REPORT NO. NESCI-10. D.R. BAKER, A.F. FLANDERS, AND M. FLEMING, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C., JULY 1970, 32P. PB-194072 N71-14697
NR-F8-00-000-01081	INSTRUMENTATION AND OBSERVATION TECHNIQUES, PROCEEDINGS OF HYDROLOGY SYMPOSIUM NO. 7, VICTORIA, BRITISH COLUMBIA, MAY 1969, 2 VOLUMES. INLAND WATERS BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA, CANADA. VOLUME 1. - 348P., VOLUME 2. - 130P. W70-08611
NR-F8-00-000-01112	THE COMPUTATION AND INTERPRETATION OF THE POWER SPECTRA OF WATER QUALITY DATA. A. DEMAYO, INLAND WATERS BRANCH, DEPT. OF ENERGY, MINES AND RESOURCES, OTTAWA, ONTARIO, CANADA. 1969, 31P. CANADA - INLAND WATERS BRANCH TECHNICAL BULLETIN NO. 16.
NR-F8-00-000-01116	SURFACE WATER. E.R. PETERSON, DEPARTMENT OF ENERGY, MINES AND RESOURCES, INLAND WATERS BRANCH, OTTAWA, ONTARIO, CANADA. IN CANADIAN HYDROLOGY SYMPOSIUM NO. 7, VICTORIA, BRITISH COLUMBIA, OCT. 1969, PROCEEDINGS, VOL. 1. PP.59-80. NATIONAL RESEARCH COUNCIL OF CANADA, SUB-COMMITTEE ON HYDROLOGY. W70-08615

SUBJECT RELATED DOCUMENTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F8-GJ-000-01181	REPORT ON GEOPHYSICAL AND TELEVISION EXPLORATIONS IN CITY OF JACKSONVILLE WATER WELLS. G.W. LEVE, GEOLOGICAL SURVEY, TALLAHASSEE, FLORIDA. FLORIDA BUREAU OF GEOLOGY INFORMATION CIRCULAR, NO. 64, 1970, 15P. W71-00849
NR-F8-00-000-01238	A SELECTED ANNOTATED BIBLIOGRAPHY ON THE ANALYSIS OF WATER RESOURCE SYSTEMS. REPORT NO. PUB-25-W70-00306. MARSHALL GYST, AND DANIEL P. LOUCKS, CORNELL UNIVERSITY, WATER RESOURCES AND MARINE SCIENCES CENTER, ITHACA, NEW YORK. AUG. 1969, 197P. MICROFICHE COPY. PB-186335 N70-13062
NR-F8-PJ-000-01240	THE MORPHO-DYNAMICS OF THE CRATI RIVER BASIN, CALABRIA, ITALY. REPORT NO. B-56. J.L. VAN GENDEREN, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. JAN. 1970, 47P. INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES (ITC, DELFT) PUBLICATIONS SERIES B, NUMBER 56. MICROFICHE COPY. N71-11863
NR-F8-DK-000-01277	SEDIMENT SURVEYS IN CANADA. W. STICHLING, AND T.F. SMITH, INLAND WATERS BRANCH, DEPT. OF ENERGY, MINES AND RESOURCES, OTTAWA, ONTARIO, CANADA. 1969. CANADA - INLAND WATERS BRANCH TECHNICAL BULLETIN NO. 12.
NR-F8-00-000-01297	FLOOD DAMAGE ABATMENT FEDERAL ASSISTANCE TO LOCAL GOVERNMENT. WILLIAM R. WALKER, AND T.W. JOHNSON, EDITORS, WATER RESOURCES RESEARCH CENTER, VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY, BLACKSBURG, VIRGINIA. JULY 1970, 144P. VIRGINIA POLYTECHNIC INSTITUTE BULLETIN 39.
NR-F8-00-000-01325	EXPERIMENTAL INVESTIGATION OF THE WATER YIELD FROM SNOW BY MEANS OF RADIOACTIVE COBALT. P.P. KUZMIN, (USSR) COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N.H. 1965, 31P. TRANSL. OF GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. TRUDY (USSR), NO. 65, 1958. PP.30-49. MICROFICHE COPY. AD-715062
NR-F8-00-000-01357	A1 TO 2 MICROMETER SILICON AVALANCHE PHOTODIODE. REPORT NO. AFRL-70-0629. FREEMAN D. SHEPHERD, JR., A.C. YANG, AND R.W. TAYLOR, AIR FORCE CAMBRIDGE RESEARCH LABS., L.G. HANSCOM FIELD, MASS. MARCH 1970, 4P. IN IEEE PROCEEDINGS, V. 58, N. 7, JULY 1970. PP.1160-1162. AD-715161
NR-F8-00-000-01434	THE PROGRESS OF HYDROLOGY, PROCEEDINGS OF THE FIRST INTERNATIONAL SEMINAR FOR HYDROLOGY PROFESSORS, URBANA, ILLINOIS, JULY 1969. VOLUME 3 - HYDROLOGIC EDUCATION AND DISCUSSIONS. UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, DEPT. OF CIVIL ENGINEERING, URBANA, ILL. 1969. PP.937-1295. \$1.00.
NR-F8-00-000-01435	THE PROGRESS OF HYDROLOGY, PROCEEDINGS OF THE FIRST INTERNATIONAL SEMINAR FOR HYDROLOGY PROFESSORS, URBANA, ILLINOIS, JULY 1969. VOLUME II - SPECIALIZED HYDROLOGIC SUBJECTS. UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, DEPT. OF CIVIL ENGINEERING, URBANA, ILL. 1969. PP.511-936. \$1.00.

SUBJECT RELATED DOCUMENTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F8-00-000-01436	THE PROGRESS OF HYDROLOGY, PROCEEDINGS OF THE FIRST INTERNATIONAL SEMINAR FOR HYDROLOGY PROFESSORS, URBANA, ILLINOIS, JULY 1969. VOLUME 2 - NEW DEVELOPMENTS IN HYDROLOGY. UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, DEPT. OF CIVIL ENGINEERING, URBANA, ILL. 1969, 512P. \$1.00.
NR-F8-00-000-01497	INVESTIGATION OF A METHOD OF MEASURING SNOW STORAGE BY USING THE GAMMA RADIATION OF THE EARTH. N.V. ZOTIMOV. TRANSL. FROM TRANSACTIONS OF THE STATE HYDROLOGIC INSTITUTE (TRUDY OGI), NO. 152, 1968. PP.114-130. IN SOVIET HYDROLOGY - SELECTED PAPERS, ISSUE 3, 1968. PP.254-266.
NR-F8-FH-998-01554	ESTUARIES. GEORGE H. LAUFF, EDITOR, W.K. KELLOGG BIOLOGICAL STATION, MICHIGAN STATE UNIV. AMERICAN ASSOC. FOR THE ADVANCEMENT OF SCIENCE, WASHINGTON, D.C. 1967, 772P. \$27. AAAS PUBLICATION, NO. 83.
NR-F8-00-000-01576	ESTIMATION OF MAXIMUM FLOODS. REPORT NO. WMO-NO.233.TP.126 COMMISSION FOR HYDROMETEOROLOGY, SECRETARIAT OF THE WORLD METEOROLOGICAL ORGANIZATION, GENEVA, SWITZERLAND. 1969, 298P. \$12.50. WORLD METEOROLOGICAL ORGANIZATION TECHNICAL NOTE NO. 98. N70-14894
NR-F8-00-000-01577	FOREST HYDROLOGY. NATIONAL SCIENCE FOUNDATION ADVANCED SCIENCE SEMINAR, UNIVERSITY PARK, PENN., SEPT. 1965, PROCEEDINGS. WILLIAM E. SOPPER, AND HOWARD W. LULL, EDITORS PERGAMON PRESS, NEW YORK. 1967, 828P. \$45.
NR-F8-00-000-01652	DECADE REPRESENTATIVE AND EXPERIMENTAL RESEARCH BASINS IN THE UNITED STATES. A UNITED STATES CONTRIBUTION TO THE INTERNATIONAL HYDROLOGICAL DECADE 1965-1974. AVAILABLE FROM NATIONAL ACADEMY OF SCIENCES, PRINTING AND PUBLISHING OFFICE WASHINGTON, D.C. \$3.50. WORK GROUP ON REPRESENTATIVE AND EXPERIMENTAL BASINS, U.S. NATIONAL COMMITTEE FOR IHD, NATIONAL RESEARCH COUNCIL, DENVER, COLO. 1969, 275P.

## SECTION F9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-F9-GJ-000-00081	AN EVALUATION OF RADAR IMAGERY AS A TOOL FOR DRAINAGE BASIN ANALYSIS. CRES TECHNICAL REPORT 61-31. ROGER M. MCCOY, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1967. CONTRACT NOS. NSR 17-004-003 AND GRANT NSG-298. STAR N69-11953.
NR-F9-00-000-00159	AUTOMATIC MEASUREMENT AND REDUCTION OF DRAINAGE BASIN DATA. TECHNICAL MEMORANDUM 61-32. G. DALKE AND R. MCCOY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1966. CONTRACT NUMBER NSR 17-004-003.



TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-00-000-00226	PASSIVE MICROWAVE MEASUREMENTS OF SNOW AND SOIL, VOLUME 1, INSTRUMENTATION AND MEASUREMENTS. TECHNICAL REPORT NO. 2, SGC 829R-4. J.M. KENNEDY, ET. AL., SPACE-GENERAL, A DIVISION OF AEROJET-GENERAL CORPORATION, EL MONTE, CALIF. NOVEMBER 5, 1966. CONTRACT NUMBER NONR 4767(00).
NR-F9-00-000-00227	PASSIVE MICROWAVE MEASUREMENTS OF SNOW AND SOIL, VOLUME 11, ANALYSIS. TECHNICAL REPORT NO. 2, SGC 829R-4. J.M. KENNEDY, ET. AL., SPACE-GENERAL, A DIVISION OF AEROJET-GENERAL CORPORATION, EL MONTE, CALIFORNIA. NOVEMBER 5, 1966. CONTRACT NUMBER NONR 4767(00).
NR-F9-CH-163-00376	APPLICATIONS OF REMOTE PHOTOGRAPHY TO THE STUDY OF COASTAL ECOLOGY IN BISCAYNE BAY, FLORIDA. MAHLON G. KELLY, DEPT. OF BIOLOGY, UNIVERSITY OF MIAMI, CORAL GABLES, FLORIDA. JULY 1969. CONTRACT NUMBER N-62306-69-C-0032.
NR-F9-EJ-130-00424	EFFECTIVE WATER RESOURCE MANAGEMENT. TRW SYSTEMS, SAN BERNARDINO, CALIF. APRIL 1968.
NR-F9-00-000-00436	MANAGEMENT OF HYDROLOGIC SYSTEMS FOR WATER QUALITY CONTROL. PHILIP C. WOOD, SANITARY ENGINEERING RESEARCH LABORATORY, COLLEGE OF ENGINEERING AND SCHOOL OF PUBLIC HEALTH, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. CONTRIBUTION NO. 121. JUNE 1967.
NR-F9-EJ-000-00469	PLAYA SURFACE MORPHOLOGY - MISCELLANEOUS INVESTIGATIONS. REPORT NO. AFRL-68-0133. AIR FORCE CAMBRIDGE RESEARCH LAB. BEDFORD MASS. MARCH 1968. MICROFICHE COPY. STAR N68-27352
NR-F9-GJ-043-00482	HEAVY SNOW IN THE CHICAGO AREA AS REVEALED BY SATELLITE PICTURES. (SATELLITE AND MESOMETEOROLOGY RESEARCH PROJECT) PAPER NO. 75. JAMES BUNTING AND DONNA LAMB, DEPARTMENT OF GEOPHYSICAL SCIENCES, THE UNIVERSITY OF CHICAGO. JULY 1968. GRANT NUMBER CWB WBG-34. STAR N69-15965.
NR-F9-00-000-00490	EFFECTS ON PHOTOGRAPHS OF WATER BY VARIATION OF SEDIMENT AND ALGAL CONTENT UNDER CONTROLLED CONDITIONS. TECHNICAL REPORT 9. LYMAN O. WILLIAMS AND JOHN DAVID SAMOL, EAST TENNESSEE STATE UNIVERSITY, JOHNSON CITY, TENN. CONTRACT NO. N00014-67-A-0102-0001.
NR-F9-DJ-012-00496	OPTICAL PROPERTIES OF CLEAR NATURAL WATER. RAYMOND C. SMITH AND JOHN E. TYLER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIFORNIA. REPRINTED FROM JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 57, NO. 5, MAY 1967. PP.589-595.
NR-F9-00-000-00511	OPERATIONAL SNOW MAPPING FROM SATELLITE PHOTOGRAPHY. JAMES C. BARNES AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. CONTRACT NUMBER E-196-68. PRESENTED AT EASTERN SNOW CONFERENCE, FEBRUARY 1969, PORTLAND, MAINE.
NR-F9-00-000-00512	SATELLITE PHOTOGRAPHY FOR SNOW SURVEILLANCE IN WESTERN MOUNTAINS. JAMES C. BARNES AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. PRESENTED AT WESTERN SNOW CONFERENCE, SALT LAKE CITY, UTAH. APRIL 1969.
NR-F9-00-000-00517	PHOTOGRAMMETRY APPLIED TO ARCTIC GLACIER SURVEY. WOLFGANG FAIG, DEPARTMENT OF SURVEYING ENGINEERING, UNIVERSITY OF NEW BRUNSWICK, CANADA. FEBRUARY 1966. STAR X66-18589.
NR-F9-00-000-00553	LONG-DISTANCE AIRBORNE GLACIAL SOUNDING. TECHNICAL REPORT ECOM-2887. JOHN W. WALKER, U.S. ARMY, ELECTRONICS COMMAND, FORT MONMOUTH, NEW JERSEY. SEPTEMBER 1967. MICROFICHE COPY. STAR N68-37759.

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-00-000-00563	ALBEDO OF ICE IN THE ARCTIC SEAS ACCORDING TO DATA FROM AIR-CRAFT OBSERVATIONS. A. YA. BUZUYEV, ET AL., RAND CORP., SANTA MONICA, CALIFORNIA. APRIL 1968. MICROFICHE COPY. STAR N69-12339.
NR-F9-BL-093-00570	MULTISPECTRAL SURVEY OF ARCTIC REGIONS. FINAL REPORT. ROBERT HORVATH, UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LABORATORIES, ANN ARBOR, MICH. JANUARY 1968. CONTRACT NO. DA-28-043-AMC-0013(E). STAR N68-32521. MICROFICHE COPY.
NR-F9-00-000-00571	THE EFFECT OF RAIN CLOUDS ON THE DESIGN OF RADAR ALTIMETERS. C.H. BIDWELL, SANDIA CORP., ALBUQUERQUE, NEW MEXICO. OCTOBER 1961. PUBLISHED IN NUCLEAR ABSTRACTS, 16.3184 (SCR-430).
NR-F9-00-000-00579	BREAKUP OF ICE, MEADE RIVER, ALASKA. SPECIAL REPORT 118. PHILIP L. JOHNSON, U.S. ARMY, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, NEW HAMPSHIRE. OCTOBER 1967. MICROFICHE COPY. STAR N68-26340.
NR-F9-EJ-000-00592	A TECHNIQUE FOR SAMPLING GENERAL FISH HABITAT CHARACTERISTICS OF STREAMS. U.S. FOREST SERVICE RESEARCH PAPER INT-41, 1967. ROSCOE B. HERRINGTON AND DONALD K. DUNHAM, U.S. DEPT. OF AGRICULTURE, INTERMOUNTAIN FOREST AND RANGE EXPERIMENT STATION, FOREST SERVICE, OGDEN, UTAH.
NR-F9-00-000-00600	MANUAL OF FORECASTING ICE-FORMATION FOR RIVERS AND INLAND LAKES. MANUAL OF HYDROLOGICAL FORECASTING, NO. 4. MAIN ADMINISTRATION OF THE HYDROMETEOROLOGICAL SERVICE, CENTRAL FORECASTING INSTITUTE, RUSSIA. 1963. STAR N68-82744.
NR-F9-00-000-00604	A RAINFALL RATE SENSOR. TECHNICAL MEMORANDUM ERLTM-NSSL 42. BRIAN E. MORGAN, ESSA COAST AND GEODETIC SURVEY, NATIONAL SEVERE STORMS LABORATORY, NORMAN, OKLAHOMA. NOVEMBER 1968.
NR-F9-HJ-998-00639	INFRARED IMAGING FOR WATER RESOURCES STUDIES. JAMES I. TAYLOR, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PA. AND RONALD W. STINGELIN, HRB-SINGER, INC., STATE COLLEGE, PA. PUBLISHED IN PROCEEDINGS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, VOL. 95, JAN. 1969. PP.175-189.
NR-F9-00-000-00641	AERIAL PHOTO TECHNIQUES FOR RECREATION INVENTORY OF MOUNTAIN LAKES AND STREAMS. U.S. FOREST SERVICE RESEARCH PAPER INT-37. ROSCOE B. HERRINGTON AND S. ROSS TOCHER, U.S. DEPT. OF AGRICULTURE, INTERMOUNTAIN FOREST AND RANGE EXPERIMENT STATION, OGDEN, UTAH. 1967.
NR-F9-00-000-00647	THE NEAR INFRARED ABSORPTION OF LIQUID WATER. J.A. CURCIO, AND C.C. PETTY, U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 41, NO. 5, MAY 1951. PP.302-304.
NR-F9-GH-998-00648	REMOTE-SENSING APPLICATIONS TO HYDROBIOLOGY IN SOUTH FLORIDA. MILTON C. KOLIPINSKI AND AARON L. HIGER, U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIV., MIAMI, FLORIDA. REPRINTED FROM NATIONAL AERONAUTICS AND SPACE ADMINISTRATION EARTH RESOURCES AIRCRAFT PROGRAM, STATUS REVIEW, VOL. III, HYDROLOGY, OCEANOGRAPHY, AND SENSOR STUDIES. PRESENTED AT THE NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS, SEPTEMBER 16 - 18, 1968.
NR-F9-00-000-00649	CONTRIBUTION TO THE SELECTION OF RADIOACTIVE TRACERS FOR HYDROBIOLOGY. (TRANSLATED FROM FRENCH). A. LALLEMAND, BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES, PARIS, FRANCE. JUNE 1969. STAR N69-35940.

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-HM-000-00650	AERIAL ICE OBSERVING AND RECONNAISSANCE - BAFFIN BAY, DAVID STRAIT AND FOXE BASIN. METEOROLOGICAL BRANCH, DEPT. OF TRANSPORT, CANADA. 1961. STAR X69-85043.
NR-F9-00-000-00666	SATELLITE SNOW SURVEILLANCE - A DOWN-TO-EARTH USE OF SPACE TECHNOLOGY. JAMES C. BARNES AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. PRESENTED AT SPACE TECHNOLOGY, AND SOCIETY, MARCH 1969. CAPE CANAVERAL, FLA. VOL. 1, PP.5-1 - 5-12.
NR-F9-00-000-00687	NAVIGATION SYSTEMS USED FOR ICE RECONNAISSANCE IN CANADA. H.J. BELL, TELECOMMUNICATIONS AND ELECTRONICS BRANCH, DEPT. OF TRANSPORT, CANADA. PUBLISHED IN CANADIAN AERONAUTICS AND SPACE JOURNAL, VOL. 14, NO. 10, DEC. 1968. PP.399-406.
NR-F9-CK-000-00689	A RECONNAISSANCE STUDY OF CERTAIN ASPECTS OF THE HEAT CYCLE OF LAKES. FINAL REPORT DEC. 57-JAN. 68. REID A. BRYSON AND ROBERT A. RAGOTZKIE, UNIVERSITY OF WISCONSIN, MADISON, WIS. AUG. 1969. CONTRACT NO. NONR-1202(07). STAR N70-15031. AD-695 059.
NR-F9-HJ-000-00707	PROJECT AQUA-MAP DEVELOPMENT OF AERIAL PHOTOGRAPHY AS AN AID TO WATER QUALITY MANAGEMENT. REPORT NO. CAL VT-2449-0-1. G. NEUMAIER, F. SILVESTRO, ET AL., CORNELL AERONAUTICAL LABORATORY, INC., BUFFALO, N.Y. SEPTEMBER 1967. CONTRACT NUMBER HC-9768.
NR-F9-HJ-000-00708	PROJECT AQUA-MAP II DEVELOPMENT OF AERIAL PHOTOGRAPHY AS AN AID TO WATER QUALITY MANAGEMENT. CAL FINAL REPORT VT-2614-0-1. FRANK B. SILVESTRO AND KENNETH R. PIECH, CORNELL AERONAUTICAL LAB., INC., BUFFALO, N.Y. JANUARY 1969. CONTRACT NUMBER D26064.
NR-F9-RJ-000-00736	INTERPRETATION OF GROUND WATER OF TYPICAL LANDSCAPES IN THE CASPIAN LOWLAND ON AERIAL PHOTOGRAPHS. B.V. VINOGRADOV, ET AL., ACADEMY OF SCIENCES, LABORATORIIA AERONETODOV, USSR. 1962. MICROFICHE COPY. STAR N70-11529.
NR-F9-00-000-00738	THE EFFECT OF UNDERLYING SURFACE ON READINGS OF THE RVTD-A RADIO ALTIMETER. N.P. KOZHEVNIKOV, AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AFB, OHIO. PUBLISHED IN GEODEZIYA I KARTOGRAFIYA, NO. 1, 1968. PP.49-55.
NR-F9-RJ-000-00744	AERIAL PHOTOGRAPHIC METHOD FOR STUDYING GROUND WATER. G.E. MEER, ET AL., USSR 1962. STAR N69-40218. MICROFICHE COPY.
NR-F9-RJ-000-00756	STUDY OF THE SPECTRAL BRIGHTNESS OF SOME LANDSCAPE ELEMENTS FOR INTERPRETATION OF GROUND WATER ON AERIAL PHOTOGRAPHS. REPORT NO. FSTC-HT-23-253-68. E.S. ARTSYBASHEV, USSR. 1962. MICROFICHE COPY. STAR N70-11722.
NR-F9-CH-095-00776	APPLICATIONS OF AERIAL PHOTOGRAPHY AND REMOTE SENSING TO HYDROBIOLOGICAL RESEARCH IN SOUTH FLORIDA. U.S. GEOLOGICAL SURVEY OPEN-FILE REPORT. MILTON C. KOLIPINSKI AND AARON L. HIGER, U.S. GEOLOGICAL SURVEY, MIAMI, FLORIDA. FEB. 1968.
NR-F9-00-000-00779	INDUSTRIAL EFFLUENT DIFFUSION IN RIVERS. A NEW APPROACH TO THEORY AND MEASUREMENT. KENNETH R. PIECH, FRANK B. SILVESTRO, ET AL., CORNELL AERONAUTICAL LAB., INC., BUFFALO, NEW YORK. REPRINTED FROM THE PROCEEDINGS OF THE INSTITUTE OF ENVIRONMENTAL SCIENCES, 15TH ANNUAL TECHNICAL MEETING, ANAHEIM, CALIFORNIA, APRIL 1969.

Reproduced from  
best available copy.



TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-00-000-00823	SPACE APPLICATIONS IN WATER RESOURCE DEVELOPMENT. CHARLES J. ROBINOVIC, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE U.N. CONFERENCE ON THE EXPLORATION AND PEACEFUL USES OF OUTER SPACE, VIENNA, AUSTRIA. AUG. 1968. STAR N69-41211.
NR-F9-00-000-00835	SURFACE MEASUREMENTS OF SNOW AND ICE FOR CORRELATION WITH AIRCRAFT AND SATELLITE OBSERVATIONS. REPORT NO. CRREL-SR-127. MICHAEL A. BILELLO, U.S. ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N.H. MAY 1969. STAR N69-37762.
NR-F9-00-000-00931	INTERPRETATION OF GROUND WATER OF TYPICAL LANDSCAPES IN TURKMENIA ON AERIAL PHOTOGRAPHS. G. YA. MEYER, ET AL., USSR. TRANSLATION OF AKADEMIIA NAUK, SSSR, LABORATORIIA AEROMETODOV PRIMENENIYA AEROMETODOV DLIA IZUCHENIYA GRUNTOVYKH, VOD. 1962. PP.16-32. STAR N69-40545. MICROFICHE COPY.
NR-F9-FJ-998-00938	SNOW COVER DISTRIBUTION AS MAPPED FROM SATELLITE PHOTOGRAPHY. JAMES C. BARNES AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. IN WATER RESOURCES RESEARCH, VOL. 4, NO. 2, APRIL 1968. PP.257-272. CONTRACT NO. CWB-11269. W70-02314.
NR-F9-DK-000-00949	CLOUD CONDENSATION NUCLEI FROM INDUSTRIAL SOURCES AND THEIR APPARENT INFLUENCE ON PRECIPITATION IN WASHINGTON STATE. PETER V. HOBBS AND L.F. RADKE, DEPT. OF ATMOSPHERIC SCIENCES UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON. CONTRIBUTION NO. 212. PUBLISHED IN JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 27, NO. 1, JAN. 1970. PP.81-89.
NR-F9-00-000-00979	LANDSCAPE INVESTIGATIONS OF RESERVOIRS USING AERIAL METHODS. N.N. SOKOLOV, USSR. TRANSLATED FROM SELSKOKHOZIASTVENNAIA AKADEMIIA, 1964, PP.217-224. STAR N70-10609. MICROFICHE COPY.
NR-F9-GJ-167-00982	GREAT LAKES ICE COVER WINTER 1962-63 AND 1963-64. DONALD R. RONDY, GREAT LAKES RESEARCH CENTER, LAKE SURVEY DISTRICT, CORPS OF ENGINEERS, DETROIT, MICHIGAN. JUNE 1969. MICROFICHE COPY.
NR-F9-GJ-000-00999	PLANFORM ANALYSIS OF MEANDERING RIVERS. G.H. TOPPES AND T.P. CHANG, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING REPRINTS, CE-242, FEB. 1968.
NR-F9-GH-095-01013	REMOTE-SENSING POTENTIAL IN BASIC-DATA ACQUISITION. CHARLES J. ROBINOVIC, U.S.G.S., WASHINGTON, D.C. PRESENTED AT THE INTERNATIONAL CONFERENCE ON WATER FOR PEACE, WASHINGTON, D.C., MAY 1967.
NR-F9-00-000-01021	USE OF THE PROPERTIES OF THE SOIL COVER IN THE INTERPRETATION OF GROUND WATER ON AERIAL PHOTOGRAPHS. V.V. KUZNETSOV, USSR. TRANSLATION OF AKADEMIIA NAUK SSSR, LABORATORIIA AEROMETODOV PRIMENENIYA AEROMETODOV DILA AZSUCHENIYA GRUNTOVYKH VOD (MOSCOW), 1962. PP.80-89. STAR N70-11024. AD-692 627. MICROFICHE COPY.
NR-F9-00-000-01051	SNOW ALBEDO MODIFICATION - A REVIEW OF LITERATURE. FINAL REPORT. DR. CHARLES W. SLAUGHTER, U.S. ARMY, COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, NEW HAMPSHIRE. OCT. 1969. REPORT NO. CRREL-TR-217. AD-698 023. N70-21321 W70-03652

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-00-000-01075	TEMPERATURE AND TURBULANCE EFFECTS ON THE PARAMETER DELTA IN THE STOCHASTIC MODEL FOR BOD AND DO IN STREAMS. BULLETIN 33. JOSEPH R. BOSLEY, JOHN J. CIBULKA, AND RICHARD G. KRUTCHKOFF, VIRGINIA POLYTECHNIC INSTITUTE, BLACKSBURG, VA. NOV. 1969. REPORT NO. W70-03066. PB-189 086.
NR-F9-HJ-123-01077	ADVANCEMENTS IN AIRBORNE INFRARED IMAGING TECHNIQUES IN HYDROLOGICAL STUDIES. RONALD W. STINGELIN, SR. AND WILSON FISHER, JR., HRB-SINGER, INC., STATE COLLEGE, PA. PROCEEDINGS OF AMERICAN WATER RESOURCES ANNUAL CONFERENCE, 3RD, SAN FRANCISCO, CALIF., NOV. 1967. PP.465-471.
NR-F9-GJ-000-01086	FIGHTING WATER POLLUTION. PREFORMED LINE PRODUCTS CO., CLEVELAND, OHIO. PUBLISHED IN UNDER-SEA TECHNOLOGY, VOL. 10, NO. 1, MAY 1969. PP.46-47.
NR-F9-00-000-01099	MEASURING SNOW DEPTHS BY AERIAL PHOTOGRAMMETRY. F.M. SMITH, USDA, BOISE, IDAHO, C.F. COOPER, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, AND E.G. CHAPMAN, AERIAL MAPPING CO., BOISE, IDAHO. PROCEEDINGS OF WESTERN SNOW CONFERENCE, ANNUAL MEETING, 35TH, 1967. PP.66-72.
NR-F9-00-000-01100	GEO THERMAL EXPLORATION FOR GROUND WATER - DISCUSSION. KEROS CARTWRIGHT, ILLINOIS STATE GEOLOGICAL SURVEY, URBANA, ILLINOIS. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 81, NO. 4, APRIL 1970, PP.1281-1283.
NR-F9-EJ-130-01144	SYSTEMS APPROACH TO WATER RESOURCE MANAGEMENT RESEARCH ACTIVITY REPORT. TRW SYSTEMS, SAN BERNARDINO, CALIFORNIA. APRIL 1968. CONTRACT NO. 14-01-0001-1579.
NR-F9-EJ-998-01145	SNOWFIELD MAPPING WITH K-BAND RADAR. REPORT NO. CRES REPRINT 133-7. WILLIAM P. WAITE, AND HAROLD C. MACDONALD, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, NO. 2, 1970, PP.143-150. CONTRACT NOS. DAAK02-68-C-0089, AND NAS9-7175. W70-07157.
NR-F9-00-000-01161	MICROWAVE SENSORS FOR WATER MANAGEMENT AND HYDROLOGY FROM SPACE. J.M. KENNEDY, RYAN AERONAUTICAL CO., SAN DIEGO, CALIF. PRESENTED AT THE AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHILADELPHIA, PA., OCT. 1968, PAPER 68-1076. A68-44991.
NR-F9-GH-095-01173	WATER RESOURCES IN THE EVERGLADES. WILLIAM J. SCHNEIDER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 32, NOV. 1966. PP.958-965.
NR-F9-00-000-01186	ASPECTS OF COMPARATIVE AIR PHOTOINTERPRETATION IN THE DYFI ESTUARY. A.D. JONES, UNIVERSITY COLLEGE OF WALES, ABERYSTWYTH, WALES. PUBLISHED IN PHOTOGRAMMETRIC RECORD, VOL. 6, APRIL 1969. PP.291-305.
NR-F9-GJ-168-01208	WATER QUALITY AND PLANT DISTRIBUTION ALONG THE UPPER PATUXENT RIVER, MARYLAND. RICHARD R. ANDERSON, AMERICAN UNIVERSITY, WASHINGTON, D.C., RUSSELL G. BROWN AND ROBERT D. RAPPLEYE, UNIVERSITY OF MARYLAND, COLLEGE PARK, MD. PUBLISHED IN CHESAPEAKE SCIENCE, VOL. 9, NO. 3, SEPT. 1968. PP.145-156.
NR-F9-BH-998-01226	INFRARED PHOTOGRAPHY AND IMAGERY IN WATER RESOURCES RESEARCH. CHARLES J. ROBINOVE, U.S. GEOLOGICAL SURVEY, ST. LOUIS, MO. PUBLISHED IN THE JOURNAL OF AMERICAN WATER WORKS ASSOCIATION, VOL. 57, NO. 1, 1965. PP.834-840.

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-GJ-998-01253	AERIAL WATER QUALITY RECONNAISSANCE SYSTEM. C.H. STRANBERG, ITEK CORP., VIDYA DIV., LEXINGTON, MASS. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 30, NO. 1, 1964. PP.46-54.
NR-F9-00-000-01267	REMOTE SENSING ANALYSIS OF WATER QUALITY. FRANK B. SILVESTRO, CORNELL UNIVERSITY, BUFFALO, N.Y. IN JOURNAL WATER POLLUTION CONTROL FEDERATION, VOL. 42, NO. 4, APRIL 1970. PP.553-561. W70-07362
NR-F9-00-000-01275	VISUALIZATION OF SPIRAL MOTION IN CURVED OPEN CHANNELS OF LARGE WIDTH. J.R.D. FRANCIS AND A.F. ASFARI, IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY, LONDON, ENGLAND. IN NATURE, VOL. 225, NO. 5243, FEB. 21, 1970. PP.725-728. W-70-04553.
NR-F9-00-000-01291	ATTENUATION OF VISIBLE LIGHT BY FALLING SNOW. RESEARCH REPORT. REPORT NO. CRREL-RR-242. HAROLD W. O'BRIEN, U.S. ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N.H. AD-702 905. N70-31584
NR-F9-GJ-000-01297	APPLICABILITY OF REMOTE SENSING AND SYSTEMS ANALYSIS TECHNIQUES TO RIVER BASIN PLANNING. M.F. BAUMGARDNER, L.F. HUGGINS, R.B. MACDONALD, PURDUE UNIVERSITY, WEST LAFAYETTE, IND. IN AMERICAN WATER RESOURCES CONFERENCE, 3RD, SAN FRANCISCO, CALIF. NOV. 1967, PROCEEDINGS. PP.456-465. PURDUE AGR. EXP. STATION, JOURNAL PAPER NO. 3224.
NR-F9-00-000-01307	THE RECENT HISTORY OF THE INDUS. D.A. HOLMES, HUNTING TECHNICAL SERVICES LTD., BOREHAM WOOD, ENGLAND. IN GEOGRAPHICAL JOURNAL, VOL. 134, NO. 3, 1968. PP.367-382. W70-01804.
NR-F9-GJ-168-01336	ON THE STRUCTURE OF HIGH-FREQUENCY TURBULENCE IN A TIDAL ESTUARY. CHESAPEAKE BAY INSTITUTE TECHNICAL REPORT 59. REPORT NO. REF-69-12. WILLIAM J. WISEMAN, JR., JOHNS HOPKINS UNIVERSITY, CHESAPEAKE BAY INSTITUTE, BALTIMORE, MD. NOV. 1969. CONTRACT NO. NONR-4010(11). MICROFICHE COPY. AD-698 814 N70-22545.
NR-F9-PK-000-01360	DECODING AERIAL PHOTOGRAPHS OF GLACIAL LANDSCAPES - INDICATORS OF GROUND WATERS. G. YA. MEER AND V.K. MARKOVSKIY, USSR. TRANSLATION FROM AKADEMIJA NAUK SSSR. LABORATORIIA AEROMETODOV PRIMENENIE AEROMETODOV DLIA IZUCHENIIA GRUNT-OVYKH VOD (USSR), 1962. PP.69-79. MICROFICHE COPY. AD-696 181 N70-18469 W70-08610
NR-F9-FK-216-01396	A STUDY OF WATERFOWL HABITAT IN NORTH DAKOTA USING REMOTE SENSING TECHNIQUES. FINAL REPORT, MAY 69-JAN. 70. REPORT NO. 2771-7-F. W.G. BURGE, AND W.L. BROWN, MICHIGAN UNIVERSITY, WILLOW RUN LABORATORIES, INFRARED AND OPTICS LABORATORY, ANN ARBOR, MICH. JULY 1970. CONTRACT NO. 14-08-0001-11950.
NR-F9-EJ-998-01399	SATELLITE MONITORING OF LAKEBED SURFACES. JAMES T. NEAL, CAPT. USAF, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, BEDFORD, MASS. IN - AMERICAN SOCIETY OF PHOTOGRAMMETRY, ANNUAL MEETING, WASHINGTON, D.C., 1967, PAPERS. PP.131-150.
NR-F9-00-000-01452	STUDY OF THE USE OF AERIAL AND SATELLITE PHOTOGRAMMETRY FOR SURVEYS IN HYDROLOGY. ESSA TECHNICAL MEMORANDUM NESCIM 14. EVERETT H. RAMEY, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. MARCH 1970. N70-28678 PB-191 735 W70-09454

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-GH-095-01486	APPLICATIONS OF MULTISPECTRAL REMOTE SENSING TECHNIQUES TO HYDROBIOLOGICAL INVESTIGATIONS IN EVERGLADES NATIONAL PARK. REPORT NO. TR-2528-5-T. A.L. HIGER, AND M.C. KOLIPINSKI, U.S. GEOLOGICAL SURVEY, TALLAHASSEE, FLA., AND N.S. THOMSON, F.J. THOMSON, UNIVERSITY OF MICHIGAN, WILLOW RUN LABORATORIES, ANN ARBOR, MICH. UNIVERSITY OF MICHIGAN, WILLOW RUN LABORATORIES, INFRARED AND OPTICS LABORATORY, ANN ARBOR, MICH. JAN. 1970, 35P. PUBLISHED IN - INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICH., OCT. 1969, PROCEEDINGS, VOL. 1, PP.79-95. CONTRACT NO. WRD-4012-632-69.
NR-F9-00-000-01510	AUTOMATIC MEASUREMENT OF DRAINAGE NETWORKS. ROGER M. MCCOY, UNIVERSITY OF KENTUCKY, LEXINGTON, KY. IN - IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-8, NO. 3, JULY 1970, PP.178-182. CONTRACT NOS. NSR-17-004-003, AND GRANT NSG-298. A70-39794
NR-F9-EJ-000-01525	THE USE OF ENVIRONMENTAL SATELLITE DATA FOR MAPPING ANNUAL SNOW-EXTENT DECREASE IN THE WESTERN UNITED STATES. FINAL REPORT. 112P. REPORT NO. 8G72-F. JAMES C. BARNES AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. JUNE 1970. CONTRACT NO. E-252-69(N). W71-00946 PB-194-004 N71-14756
NR-F9-GJ-000-01534	AERIAL COLOR ANALYSES OF WATER QUALITY. KENNETH R. PIECH, AND J.E. WALKER, CORNELL AERONAUTICAL LAB., INC., BUFFALO, N.Y. TO BE PRESENTED AT AMERICAN SOCIETY OF CIVIL ENGINEERS MEETING, PHOENIX, ARIZONA, JAN. 1971. 27P.
NR-F9-BH-057-01548	AEROMAGNETIC, GRAVITY, AND ELECTRICAL RESISTIVITY EXPLORATION BETWEEN PAHALA AND PUNALUU, HAWAII. REPORT NOS. TR-28, HIG-WRRC-4, AND OMRR-B-008-HI(3). WILLIAM M. ADAMS, SURENDRA P. MATHUR, RICHIE D. HUBER, WATER RESOURCES RESEARCH CENTER, UNIVERSITY OF HAWAII, HONOLULU, HAWAII, FEB. 1970, 67P. CONTRACT NO. DI-14-01-0001-0494. PB-192807 W70-08154 N71-11680
NR-F9-BH-057-01557	A HYDROGEOPHYSICAL SURVEY FROM KAWAIIHAE TO KAILUA-KONA, HAWAII. REPORT NOS. TECH. REPT. NO. 32, HIG SERIES, AND HIG-WRRC-4. WILLIAM M. ADAMS, FRANK L. PETERSON, SURENDRA P. MATHUR, ET AL., UNIVERSITY OF HAWAII, HONOLULU, HAWAII, SEPT. 69, 156P. PB-187 520 W70-00908 N70-26269
NR-F9-00-000-01561	FLOOD PLAIN MAPPING BY THE U.S. GEOLOGICAL SURVEY. D.W. ELLIS, GEOLOGICAL SURVEY, CHAMPAIGN, ILL. IN FLOOD PLAIN MANAGEMENT - IOWA'S EXPERIENCE, CONFERENCE ON FLOOD PLAIN MANAGEMENT, 6TH WATER RESOURCES DESIGN CONFERENCE, AMES, IOWA, JAN. 1968, PAPERS (IOWA STATE UNIV. PRESS, 1969), PP.197-206. W70-09255.
NR-F9-GJ-000-01573	USING SOIL MAPS TO DELINEATE FLOODPLAINS IN A GLACIATED LOW-RELIEF LANDSCAPE. DALE E. PARKER, GERHARD B. LEE, AND DOUGLAS A. YANZEN, WISCONSIN UNIVERSITY, DEPT. OF SOIL SCIENCE, MADISON, WIS. IN JOURNAL OF SOIL AND WATER CONSERVATION, VOL. 25, NO. 3, MAY-JUNE 1970. PP.96-99. W70-08183
NR-F9-GJ-000-01574	FLOOD PLAIN DELINEATION WITH PAN AND COLOR. DALE E. PARKER, GERHARD B. LEE, CLARENCE J. MILFRED, UNIVERSITY OF WISCONSIN, DEPT. OF SOIL SCIENCE, MADISON, WIS. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 36, NO. 10, OCT. 1970. PP.1059-1063.
NR-F9-00-000-01577	REMOTE SENSING GEOPHYSICAL APPLICATIONS TO HYDROLOGY. L.S. COLLETT, GEOLOGICAL SURVEY OF CANADA, ELECTRICAL METHODS SECTION, OTTAWA, ONTARIO, CANADA. IN CANADIAN HYDROLOGY SYMPOSIUM NO. 7, VICTORIA, BRITISH COLUMBIA, OCT. 1969, PROCEEDINGS, VOL. 1. PP.237-260. NATIONAL RESEARCH COUNCIL OF CANADA, SUBCOMMITTEE ON HYDROLOGY. W70-08619

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-GJ-000-01612	PROJECT CALORIC - AN INVESTIGATION OF HEAT RELEASE PATTERNS ASSOCIATED WITH PRESENT AND PLANNED ELECTRIC POWER PLANTS ON CAYUGA LAKE (EXPERIMENTAL PROGRAM). FINAL REPORT. REPORT NO. CAL NO. VT-2616-0-3. G. NEUMAYER AND D. HUCK, CORNELL AERONAUTICAL LAB., INC., BUFFALO, N.Y. NOV. 1969. 66P. CONTRACT NO. 9500-01-1013-NYS17. W70-08827
NR-F9-00-000-01619	APPLICATIONS OF SATELLITE PHOTOGRAPHS TO HYDROLOGY IN CANADA. H.L. FERGUSON, H.F. CORK, AND A.D.J. O'NEILL, DEPARTMENT OF TRANSPORT, METEOROLOGICAL BRANCH, TORONTO, ONTARIO, CANADA. IN CANADIAN HYDROLOGY SYMPOSIUM NO. 7, VICTORIA, BRITISH COLUMBIA, MAY 1969, PROCEEDINGS, VOL. 1. PP.311-343. NATIONAL RESEARCH COUNCIL OF CANADA, SUBCOMMITTEE ON HYDROLOGY. W70-08622
NR-F9-00-000-01625	PHOTOGRAPHIC REMOTE SENSING FOR HYDROLOGY. STANLEY H. COLLINS, GUELPH UNIVERSITY, ONTARIO, CANADA. IN CANADIAN HYDROLOGY SYMPOSIUM NO. 7, VICTORIA, BRITISH COLUMBIA, OCT. 1969, PROCEEDINGS, VOL. 1. PP.283-294. NATIONAL RESEARCH COUNCIL OF CANADA, SUBCOMMITTEE ON HYDROLOGY. W70-08621
NR-F9-FH-998-01626	MATHEMATICAL MODELING OF GULF COAST ESTUARIES. ROY W. HANN, JR., TEXAS A AND M UNIVERSITY, COLLEGE STATION, TEXAS. IN WATER RESOURCES BULLETIN, VOL. 6, NO. 3, PAPER 70031. PP.323-338.
NR-F9-00-000-01643	RADAR AS A REMOTE SENSOR FOR HYDROLOGY. J.S. MARSHALL, AND P.E. CARLSON, DEPT. OF PHYSICS AND METEOROLOGY, MCGILL UNIVERSITY, MONTREAL, QUEBEC, CANADA. NATIONAL RESEARCH COUNCIL OF CANADA, SUBCOMMITTEE ON HYDROLOGY. IN CANADIAN HYDROLOGY SYMPOSIUM NO. 7, VICTORIA, BRITISH COLUMBIA, OCT. 1969, PROCEEDINGS, VOL. 1. PP.261-281. W70-3625
NR-F9-GJ-239-01646	MONTHLY MEAN SURFACE TEMPERATURES FOR LAKE ONTARIO AS DETERMINED BY AERIAL SURVEY. MICHAEL S. WEBB, METEOROLOGICAL SERVICE OF CANADA, TORONTO, ONTARIO, CANADA. IN WATER RESOURCES RESEARCH, VOL. 6, NO. 3, JUNE 1970. PP.943-956. W70-09206
NR-F9-00-000-01647	THERMAL SCANNERS - APPLICATIONS TO WATER QUALITY STUDIES. CARL D. MILLER, DAEDALUS ENTERPRISES, INC., ANN ARBOR, MICHIGAN. PRESENTED AT REMOTE SENSING OF ENVIRONMENTAL POLLUTION, MADISON, WISCONSIN, NOV. 1970. 7 PAGES OF GRAPHICS ONLY. (PAPER WAS NOT PRINTED).
NR-F9-00-000-01697	AIRPHOTO INTERPRETATION OF FLOOD PLAIN SOILS. RALPH W. KIEFER, DEPT. OF CIVIL ENGINEERING, UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN. IN PROCEEDINGS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS. SURVEYING AND MAPPING DIVISION. JOURNAL, VOL. 95, NO. SUI, PAPER 6819, OCT. 1969. PP.49-70. W70-04630
NR-F9-00-000-01698	SPACE TECHNOLOGY IN HYDROLOGIC APPLICATIONS. CHARLES J. ROBINOVE, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN THE PROGRESS OF HYDROLOGY, VOL. 1 - NEW DEVELOPMENTS IN HYDROLOGY, INTERNATIONAL SEMINAR FOR HYDROLOGY PROFESSORS, 1ST, URBANA, ILLINOIS, JULY 1969, PROCEEDINGS (UNIV. OF ILL., 1969). PP.88-107. W71-01069



TECHNICAL REPORTS - HYDROLOGY


ACCESSION NUMBER	DESCRIPTION
NR-F9-EK-000-01703	OBSERVED FORMS OF BED ROUGHNESS IN AN UNSTABLE GRAVEL RIVER. V.A. GALAY, RESEARCH COUNCIL OF ALBERTA, EDMONTON, ALBERTA, CANADA. CONTRIBUTION NO. 372, RESEARCH COUNCIL OF ALBERTA. IN INTERNATIONAL ASSOCIATION FOR HYDRAULIC RESEARCH, 12TH CONGRESS, FT. COLLINS, COLO., SEPT. 1967, PROCEEDINGS, VOL. 1 (RIVER HYDRAULICS), PAPER ALL. PP.85-94. W70-05196
NR-F9-00-000-01706	REMOTE SENSING IN SPACE TECHNOLOGY IN HYDROLOGY. PAUL BOCK, DEPT. OF CIVIL ENGINEERING, UNIVERSITY OF CONNECTICUT, STORRS, CONN. IN THE PROGRESS OF HYDROLOGY, VOL. 1 - NEW DEVELOPMENTS IN HYDROBIOLOGY, INTERNATIONAL SEMINAR FOR HYDROLOGY PROFESSORS, 1ST, URBANA, ILLINOIS, JULY 1969, PROCEEDINGS (UNIVERSITY OF ILLINOIS, 1969). PP.61-87. W71-01070
NR-F9-DK-000-01707	INTERPRETATION OF FOREST STANDS FOR ENGINEERING PURPOSES. HANS WAELTI, ENGINEERING DIV., BRITISH COLUMBIA FOREST SERVICE, CANADA. IN THE B.C. PROFESSIONAL ENGINEER (VANCOUVER), VOL. 17, NO. 2, FEB. 1966. PP.9-12.
NR-F9-HJ-000-01711	CRITERIA FOR RECOGNITION OF ESTUARINE WATER POLLUTION BY AERIAL REMOTE SENSING. TECHNICAL COMPLETION REPORT, JULY 69-JUNE 70. REPORT NOS. W71-01900, AND OWRR-A-031-RI(1). JOHN J. FISHER, UNIVERSITY OF RHODE ISLAND, KINGSTON, RHODE ISLAND. JUNE 1970, 16P. CONTRACT NO. DI-14-31-0001-3040. PB-195976
NR-F9-00-000-01733	AVALANCHES IN THE USSR (DISTRIBUTION, DIVISION, FORECASTING POSSIBILITIES). K.S. LOSEV, COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N.H. 1970, 169P. TRANSL. OF - LAVINY SSSR (RASPROST RANENIE, RAYONIROVANIE, VOZMZHNOSTI PROGNOVA), LENINGARD, 1966. PP.1-130. MICROFICHE COPY. AD-715090
NR-F9-GJ-000-01750	SPECTRAL ANALYSIS - APPLICATIONS IN WATER POLLUTION CONTROL. REPORT NO. CWT-3. T.A. WASTLER, WATER POLLUTION CONTROL ADMINISTRATION, WASHINGTON, D.C. DEC. 1969, 104P. MICROFICHE AND HARD COPY. N70-35827.
NR-F9-00-000-01752	REMOTE SENSING FOR RESOURCE MANAGEMENT AND FLOOD PLAIN DELINEATION. REPORT NO. OWRR-B-002-WISC(11). C.J. MILFRED, D.E. PARKER, AND G.B. LEE, UNIV. OF WISCONSIN, DEPT. OF SOIL SCIENCE, MADISON, WIS. PRESENTED AT MIDWESTERN STATES FLOOD CONTROL AND WATER RESOURCES CONFERENCE, MILWAUKEE, WISCONSIN, MAY 1969, 17P. CONTRACT NO. GRANT B-002-WIS. MICROFICHE AND HARD COPY. PB-195086 W71-00415
NR-F9-DJ-998-01754	WATER QUALITY ANALYSIS. CARL H. STRANDBERG, ITEX DATA ANALYSIS CENTER, ALEXANDRIA, VA. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 32, NO. 2, 1966. PP.234-248.
NR-F9-GJ-998-01755	ANALYSIS OF THERMAL POLLUTION FROM THE AIR. CARL H. STRANDBERG. IN INDUSTRIAL WASTE CONFERENCE, 17TH, PURDUE UNIVERSITY, MAY 1962, PROCEEDINGS. PP.779-802.
NR-F9-BL-998-01788	THE GREAT ALASKA EARTHQUAKE OF 1964. VOL. 1, HYDROLOGY, PT. A--TEXT, PART B--FOLDED MAPS. COMMITTEE ON THE ALASKA EARTHQUAKE OF THE DIVISION OF EARTH SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. 1968, TEXT 458P., 6 FOLDED MAPS. \$25.00. NATIONAL ACADEMY OF SCIENCES PUBLICATION 1603.
NR-F9-00-000-01794	AIRPHOTO INTERPRETATION AS AN AID IN FLOOD SUSCEPTIBILITY DETERMINATION. LAWRENCE C.N. BURGESS, CANADA, DEPT. OF ENERGY, MINES AND RESOURCES, OTTAWA. PRESENTED AT - INTERNATIONAL CONFERENCE ON WATER FOR PEACE, WASHINGTON, D.C. 1967, 18P.

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-EJ-139-01816	EVALUATION OF SNOW WATER EQUIVALENT BY AIRBORNE MEASUREMENT OF PASSIVE TERRESTRIAL GAMMA RADIATION. E.L. PECK, AND V.C. BISSELL, NATIONAL WEATHER SERVICE, NOAA, SILVER SPRING, MARYLAND, AND E.H. JONES, MORTON W. BITTINGER AND ASSOC., FT. COLLINS, COLO., AND D.L. BURGE, EG AND G, INC., LAS VEGAS, NEV. PRESENTED AT - AMERICAN GEOPHYSICAL UNION NATIONAL FALL MEETING, SAN FRANCISCO, CALIFORNIA, DEC. 1970. 26P.
NR-F9-GJ-998-01862	PROJECT LAKE EFFECT - A STUDY OF INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE. FINAL REPORT, JULY 64-OCT. 65. REPORT NO. 2. REPORT NO. CAL-VC-1967-P-2. G.E. MCVEHIL, AND R.L. PEACE, JR., CORNELL AERONAUTICAL LAB., INC., BUFFALO, N.Y. OCT. 1965, 64P. CONTRACT NO. DA-28-043-AMC-00306(E) MICROFICHE COPY. N66-22478 , AD-625739
NR-F9-EJ-000-01926	AREAL SNOW COVER AND DISPOSITION OF SNOWMELT RUNOFF IN CENTRAL COLORADO. REPORT NO. FSRP-RM-66. CHARLES F. LEAF, HYDRAULIC ENGINEER, ROCKY MOUNTAIN FOREST AND RANGE EXPERIMENT STATION, FORT COLLINS, COLORADO. MARCH 1971. 25P. PB-198099
NR-F9-00-000-02021	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-21. LAKE SURVEYING TECHNIQUES IN THE GEOLOGICAL SURVEY PROGRESS REPORT. H.E. SKIBITZKE, U.S.G.S., WATER RESOURCES DIVISION, PHOENIX, ARIZONA, AND C.J. ROBINOVE, U.S.G.S., WATER RESOURCES DIVISION, WASHINGTON, D. C. JUNE 1966. CONTRACT NO. R-09-020-009. X66-19232 N70-41149 NASA-CR-76006 MICROFICHE AND HARD COPY. 22P.
NR-F9-00-000-02050	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-50, A PRELIMINARY EVALUATION OF AIRBORNE AND SPACEBORNE REMOTE SENSING DATA FOR HYDROLOGIC USES. CHARLES J. ROBINOVE, U.S.G.S., WATER RESOURCES DIVISION, WASHINGTON, D.C. JULY 1966. CONTRACT NO. R-09-020-009. X66-20466 N70-41150 NASA-CR-76594 MICROFICHE AND HARD COPY. 19P.
NR-F9-EJ-116-02061	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-61, HYDROLOGIC INTERPRETATION OF NIMBUS VIDICON IMAGE -- GREAT SALT LAKE, UTAH. D. C. HAHN AND A. H. HANDY, U.S.G.S., WATER RESOURCES DIVISION, SALT LAKE CITY, UTAH. NOVEMBER 1966. CONTRACT NO. R-09-020-015. X67-10480 N70-38843 NASA-CR-79887 MICROFICHE AND HARD COPY. 6P.
NR-F9-00-000-02068	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-64 HYDROLOGIC EVALUATION OF GEMINI PHOTOGRAPHY OF FRINGES OF THE SAHARA, AFRICA. J.R. JONES, U.S.G.S., WASHINGTON, D.C. APRIL 1967. CONTRACT NO. R-09-020-013. X67-19549 N70-38929 NASA-CR-84588 MICROFICHE AND HARD COPY. 16P.
NR-F9-00-000-02074	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-74, AERIAL INFRARED SURVEYS IN WATER RESOURCES STUDY. R. M. MOHAM, U.S.G.S., WASHINGTON, D.C. APRIL 1967. CONTRACT NO. R-146-09-020-006. N68-14987
NR-F9-DJ-000-02076	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-76 INFRARED IMAGERY OF PART OF THE HIGH CASCADE RANGE AND MCKENZIE RIVER VALLEY, OREGON. DONALD A. SWANSON, U.S.G.S., MENLO PARK, CALIFORNIA, JUNE 1967, CONTRACT NO. R-09-020-015. X67-18037 N70-38939 NASA-CR-85276. MICROFICHE AND HARD COPY. 21P.
NR-F9-HJ-123-02078	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-78. USE OF INFRARED IMAGERY IN CIRCULATION STUDIES OF THE MERRIMACK RIVER ESTUARY, MASSACHUSETTS. DONALD R. WIESNET AND JOHN E. COTTON, U.S.G.S., BOSTON, MASSACHUSETTS. OCTOBER 1967. WORK PERFORMED UNDER COOPERATIVE AGREEMENT BETWEEN THE U.S. GEOLOGICAL SURVEY AND THE WATER RESOURCES COMMISSION OF THE COMMONWEALTH OF MASSACHUSETTS.

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-EJ-003-02082	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-82. THERMAL ANOMALIES AND GEOLOGIC FEATURES OF THE MONO LAKE AREA, CALIFORNIA, AS REVEALED BY INFRARED IMAGERY. JULES D. FRIEDMAN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. SEPTEMBER 1968. CONTRACT NUMBER R-146-09-020. N69-41239
NR-F9-EJ-011-02083	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-83. GEOLOGICAL EVALUATION OF INFRARED IMAGERY, EASTERN PART OF YELLOWSTONE NATIONAL PARK, WYOMING AND MONTANA. HARRY W. SMEDES, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. DECEMBER 1968. CONTRACT NUMBER R-09-020-011. N69-12276
NR-F9-EJ-101-02084	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-84. RADAR IMAGES - SAN FRANCISCO VOLCANIC FIELD, ARIZONA - A PRELIMINARY EVALUATION. GERALD G. SCHABER, U.S.G.S., FLAGSTAFF, ARIZONA. AUGUST 1967. CONTRACT NO. R-09-020-015. N68-13148
NR-F9-EJ-011-02093	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-93. EVALUATION OF INFRARED IMAGERY APPLICATIONS TO STUDIES OF SURFICIAL GEOLOGY -- YELLOWSTONE PARK. KENNETH L. PIERCE, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO. MAY 1968. CONTRACT NUMBER R-09-020-015. N68-05120
NR-F9-00-000-02096	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-96. VACUUM ULTRAVIOLET MEASUREMENTS OF REFLECTANCE AND LUMINESCENCE FROM VARIOUS ROCK SAMPLES. H.V. WATTS AND H.J. GOLDMAN, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. JANUARY 1968. CONTRACT NO. T-65757. (CONTINUATION OF INFORMATION IN TECHNICAL LETTER NASA-32.) N69-28158
NR-F9-HJ-151-02098	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-98. HYDROLOGIC EVALUATION OF INFRARED IMAGERY OF GREAT SOUTH BAY - HEMPSTEAD BAY REGION OF LONG ISLAND, NEW YORK. EDWARD J. PLUHOWSKI, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. MARCH 1968. CONTRACT NUMBER NASA 09-020-011.
NR-F9-00-000-02101	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-101. THE REMOTE MEASUREMENT OF RHODAMINE B CONCENTRATION WHEN USED AS FLUORESCENT TRACER IN HYDROLOGIC STUDIES. H.T. BETZ, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. JANUARY 1968. CONTRACT NO. R-146-09-02-006. N69-28396
NR-F9-DK-040-02107	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-107. SYNOPTIC TEMPERATURE MEASUREMENTS OF A GLACIER LAKE AND ITS ENVIRONMENT. WILLIAM J. CAMPBELL, U.S.G.S., TACOMA, WASHINGTON. FEBRUARY 1968. CONTRACT NO. R-146-09-020-006 N69-28506
NR-F9-EJ-011-02109	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-109. GEOTHERMAL STUDIES - YELLOWSTONE NATIONAL PARK (TEST SITE 11), WYOMING. D.E. WHITE, R.O. FOURNIER, L.J.P. MUFFLER, AND A.H. TRUESDELL, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. MAY 1968. TASK NO. 160-75-01-52-10. N68-25251
NR-F9-DJ-061-02110	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-110. AERIAL INFRARED IMAGES OF THE GEYSERS GEOTHERMAL STEAM FIELD AND VICINITY, SONOMA COUNTY, CALIFORNIA. ROBERT M. MOXHAM, U.S.G.S., WASHINGTON, D.C. MAY 1968. CONTRACT NUMBER T-65754-G. N69-28453

Reproduced from  
best available copy. 

TECHNICAL REPORTS - HYDROLOGY

ACCESSION NUMBER	DESCRIPTION
NR-F9-DJ-061-02123	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-123. AERIAL INFRARED SURVEYS AT THE GEYSERS GEOTHERMAL STEAM FIELD, CALIFORNIA. ROBERT M. MOXHAM, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. SEPTEMBER 1968. CONTRACT NO. T-65754-G. N68-37353
NR-F9-00-000-02127	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-127. REMOTE DETECTION OF SOLAR STIMULATED LUMINESCENCE. WILLIAM R. HEMPHILL, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. SEPTEMBER 1968. CONTRACT NUMBER T-65757. N69-10855
NR-F9-00-000-02134	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-134. BIBLIOGRAPHY OF REMOTE SENSING OF EARTH RESOURCES FOR HYDROLOGICAL APPLICATIONS, 1960-1967. RITA K. LLAVERIAS, U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION, ARLINGTON, VA. NOVEMBER 1968. CONTRACT NUMBER R-146-09-020-011. N69-28505
NR-F9-00-000-02158	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-158. FRAUNHOFER LINE-DEPTH SENSING APPLIED TO WATER. GEORGE E. STOERTZ, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969. CONTRACT NUMBER T-80485C.
NR-F9-GJ-177-02191	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-191. APPLICATION OF REMOTE SENSING TECHNIQUES TO WATER ORIENTED OUTDOOR RECREATION PLANNING. TECHNICAL REPORT 69-2. ROBERT W. DOUGLASS, PENNSYLVANIA STATE UNIVERSITY, MONT ALTO, PA. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. JAN. 1970. CONTRACT NUMBERS W-12572 AND 14-08-0001-12009. PB194 810

# OCEANOGRAPHY

# OCEANOGRAPHY

## SECTION G1 - SITE MAPS

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-G1-DJ-007-00007	SITE 007-COAST RANGE, ORE./WASH.	DETAIL	17 X 20
NR-G1-DJ-007-00093	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-G1-DJ-007-00095	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-G1-DJ-007-00096	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-G1-DJ-007-00097	SITE 007-COAST RANGE, ORE./WASH.	REGIONAL	17 X 22
NR-G1-EJ-026-00255	SITE - LA JOLLA, CALIFORNIA	REGIONAL	17 X 22
NR-G1-HJ-086-00016	SITE 086-ARGUS ISLE, BERMUDA	REGIONAL	17 X 22
NR-G1-HJ-086-00017	SITE 086-ARGUS ISLE, BERMUDA	DETAIL	17 X 22
NR-G1-HJ-086-00056	SITE 086-ARGUS ISLE, BERMUDA	REGIONAL	17 X 22
NR-G1-HJ-086-00057	SITE 086-ARGUS ISLE, BERMUDA	DETAIL	17 X 22
NR-G1-JK-087-00026	SITE 087-GOOSE BAY, LABRADOR	REGIONAL	17 X 22
NR-G1-BL-093-00068	SITE 093-PT. BARROW, ALASKA	REGIONAL	17 X 22
NR-G1-BL-093-00069	SITE 093-PT. BARROW, ALASKA	REGIONAL	17 X 22
NR-G1-CH-099-00062	SITE 099-FLORIDA STRAITS	REGIONAL	17 X 22
NR-G1-CH-099-00071	SITE 099-FLORIDA STRAITS	REGIONAL	17 X 22
NR-G1-CH-099-00074	SITE 099-FLORIDA STRAITS	REGIONAL	17 X 22
NR-G1-CH-128-00045	SITE 128-MISSISSIPPI DELTA, LA.	REGIONAL	17 X 22
NR-G1-CH-128-00054	SITE 128-MISSISSIPPI DELTA, LA.	REGIONAL	17 X 22
NR-G1-CH-128-00060	SITE 128-MISSISSIPPI DELTA, LA.	REGIONAL	17 X 22
NR-G1-CH-128-00061	SITE 128-MISSISSIPPI DELTA, LA.	REGIONAL	17 X 22
NR-G1-CH-128-00064	SITE 128-MISSISSIPPI DELTA, LA.	REGIONAL	17 X 22
NR-G1-CH-128-00065	SITE 128-MISSISSIPPI DELTA, LA.	REGIONAL	17 X 22
NR-G1-CH-128-00075	SITE 128-MISSISSIPPI DELTA, LA.	REGIONAL	17 X 22
NR-G1-CH-128-00103	SITE 128-MISSISSIPPI DELTA, LA.	REGIONAL	17 X 22
NR-G1-CH-128-00157	SITE 128-MISSISSIPPI DELTA, LOUISIANA	REGIONAL	17 X 22
NR-G1-HJ-138-00046	SITE 138-GULF STREAM NORTH	REGIONAL	17 X 22
NR-G1-GJ-148-00182	SITE 148-LEHIGH RIVER, PENNSYLVANIA	REGIONAL	17 X 22
NR-G1-CH-155-00072	SITE 155-GULF COAST FISHERIES	REGIONAL	17 X 22
NR-G1-CH-155-00155	SITE 155-GULF COAST FISHERIES	REGIONAL	17 X 22
NR-G1-CH-155-00199	SITE 155-GULF COAST FISHERIES	REGIONAL	17 X 22

SITE MAPS - OCEANOGRAPHY

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-G1-FH-158-00108	SITE 158-CORPUS CHRISTI, TEXAS/ GULF OF MEXICO	REGIONAL	17 X 22
NR-G1-JK-160-00115	SITE 160-NEWFOUNDLAND COAST(ARGENTIA)	REGIONAL	17 X 22
NR-G1-JK-160-00116	SITE 160-NEWFOUNDLAND COAST(ARGENTIA)	REGIONAL	17 X 22
NR-G1-GH-162-00154	SITE 162-BAHAMA BANKS, FLORIDA	REGIONAL	17 X 22
NR-G1-GH-162-00177	SITE 162-BAHAMA BANKS, FLORIDA	REGIONAL	17 X 22
NR-G1-GH-163-00153	SITE 163-BISCAYNE BAY, FLORIDA	REGIONAL	17 X 22
NR-G1-GH-163-00210	SITE 163-BISCAYNE BAY, FLORIDA	REGIONAL	17 X 22
NR-G1-GH-163-00268	SITE 163-BISCAYNE BAY, FLORIDA SITE 169-FLORIDA KEYS, FLORIDA	REGIONAL	17 X 22
NR-G1-LL-166-00158	SITE 166-ICELAND	REGIONAL	17 X 22
NR-G1-LL-166-00159	SITE 166-ICELAND	REGIONAL	17 X 22
NR-G1-LL-166-00161	SITE 166-ICELAND	REGIONAL	17 X 22
NR-G1-LL-166-00162	SITE 166-ICELAND	REGIONAL	17 X 22
NR-G1-LL-166-00241	SITE 166-NORTH ATLANTIC	REGIONAL	17 X 22
NR-G1-LL-166-00242	SITE 166-NORTH ATLANTIC	REGIONAL	17 X 22
NR-G1-LL-166-00243	SITE 166-NORTH ATLANTIC	REGIONAL	17 X 22
NR-G1-LL-166-00244	SITE 166-NORTH ATLANTIC	REGIONAL	17 X 22
NR-G1-LL-166-00245	SITE 166-NORTH ATLANTIC	REGIONAL	17 X 22
NR-G1-LL-166-00246	SITE 166-NORTH ATLANTIC	REGIONAL	17 X 22
NR-G1-GJ-167-00166	SITE 167-LAKE MICHIGAN	REGIONAL	17 X 22
NR-G1-GJ-167-00167	SITE 167-LAKE MICHIGAN	REGIONAL	17 X 22
NR-G1-GH-169-00266	SITE 169-FLORIDA KEYS, FLORIDA	REGIONAL	17 X 22
NR-G1-GH-169-00268	SITE 163-BISCAYNE BAY, FLORIDA SITE 169-FLORIDA KEYS, FLORIDA	REGIONAL	17 X 22
NR-G1-GH-172-00193	SITE 173-GULF LOOP SITE 172-YUCATAN PENINSULA	REGIONAL	17 X 22
NR-G1-GH-173-00193	SITE 173-GULF LOOP SITE 172-YUCATAN PENINSULA	REGIONAL	17 X 22
NR-G1-FH-704-00263	SITE 705-VERACRUZ, MEXICO	REGIONAL	17 X 22

# SECTION G2 - SITE DESCRIPTIONS

ACCESSION NUMBER	DESCRIPTION
NR-G2-DJ-007-00006	SITE 007-COAST RANGE, OREGON/WASHINGTON
NR-G2-EJ-026-00018	SITE 026-SCRIPPS BEACH, CALIF.
NR-G2-HJ-086-00038	SITE 086-ARGUS ISLE, BERMUDA
NR-G2-JK-087-00039	SITE 087-GOOSE BAY, LABRADOR
NR-G2-EJ-096-00045	SITE 096-DIXIE/FISH LAKE NATIONAL FOREST, UTAH
NR-G2-GH-099-00047	SITE 099-FLORIDA STRAITS

# SECTION G3 AIRCRAFT MISSION REQUESTS

ACCESSION NUMBER	DESCRIPTION
NR-G3-DJ-007-00255	SITE 007-COAST RANGE, OREGON/WASHINGTON (7)
NR-G3-DJ-007-00275	SITE 007-COAST RANGE, OREGON/WASHINGTON (8)
NR-G3-HJ-086-00125	SITE 086-ARGUS ISLE, BERMUDA (1)
NR-G3-HJ-086-00323	SITE 086-ARGUS ISLE, BERMUDA (2)
NR-G3-HJ-086-00324	SITE 086-ARGUS ISLE, BERMUDA (2)
NR-G3-HH-092-00253	SITE 092-PUERTO RICO (3) SITE 192-BARBADOS (1)
NR-G3-BL-093-00126	SITE 093-PT. BARROW, ALASKA (1)
NR-G3-BL-093-00127	SITE 093-PT. BARROW, ALASKA (2)
NR-G3-BL-093-00264	SITE 093-PT. BARROW, ALASKA (3)
NR-G3-BL-093-00344	SITE 093-PT. BARROW, ALASKA (4)
NR-G3-GH-095-00254	SITE 095-EVERGLADES, FLORIDA (6) SITE 163-BISCAYNE BAY, FLORIDA (2)
NR-G3-GH-099-00035	SITE 099-FLORIDA STRAITS (1)
NR-G3-GH-099-00132	SITE 099-FLORIDA STRAITS (2)
NR-G3-GH-099-00133	SITE 099-FLORIDA STRAITS (3)
NR-G3-GH-099-00134	SITE 099-FLORIDA STRAITS (4)
NR-G3-GH-099-00135	SITE 099-FLORIDA STRAITS (5)
NR-G3-GH-099-00244	SITE 099-FLORIDA STRAITS (6)
NR-G3-EJ-117-00217	SITE 117-LAKE CACHUMA, CALIFORNIA (1) SITE 130-SOUTHERN CALIFORNIA (4)



AIRCRAFT MISSION REQUESTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G3-GH-128-00149	SITE 128-MISSISSIPPI DELTA, LOUISIANA (1)
NR-G3-GH-128-00150	SITE 128-MISSISSIPPI DELTA, LOUISIANA (2)
NR-G3-GH-128-00151	SITE 128-MISSISSIPPI DELTA, LOUISIANA (3)
NR-G3-GH-128-00152	SITE 128-MISSISSIPPI DELTA, LOUISIANA (4)
NR-G3-GH-128-00153	SITE 128-MISSISSIPPI DELTA, LOUISIANA (5)
NR-G3-GH-128-00154	SITE 128-MISSISSIPPI DELTA, LOUISIANA (6)
NR-G3-EJ-130-00217	SITE 117-LAKE CACHUMA, CALIFORNIA (1) SITE 130-SOUTHERN CALIFORNIA (4)
NR-G3-HJ-151-00336	SITE 188-NEW YORK BIGHT (2) SITE 151-LONG ISLAND, NEW YORK (7)
NR-G3-GH-155-00178	SITE 155-GULF COAST FISHERIES (1)
NR-G3-GH-155-00179	SITE 155-GULF COAST FISHERIES (2)
NR-G3-GH-155-00180	SITE 155-GULF COAST FISHERIES (3)
NR-G3-GH-155-00181	SITE 155-GULF COAST FISHERIES (4)
NR-G3-GH-155-00182	SITE 155-GULF COAST FISHERIES (5)
NR-G3-GH-155-00183	SITE 155-GULF COAST FISHERIES (6)
NR-G3-GH-155-00184	SITE 155-GULF COAST FISHERIES (7)
NR-G3-GH-155-00226	SITE 155-GULF COAST FISHERIES (8)
NR-G3-GH-155-00227	SITE 155-GULF COAST FISHERIES (9)
NR-G3-GH-155-00228	SITE 155-GULF COAST FISHERIES (10)
NR-G3-GH-155-00229	SITE 155-GULF COAST FISHERIES (11)
NR-G3-GH-155-00230	SITE 155-GULF COAST FISHERIES (12)
NR-G3-JK-160-00194	SITE 160-NEWFOUNDLAND COAST (ARGENTIA) (1)
NR-G3-GH-162-00195	SITE 162-BAHAMA BANKS, FLORIDA (1)
NR-G3-GH-162-00196	SITE 162-BAHAMA BANKS, FLORIDA (2)
NR-G3-GH-163-00197	SITE 163-BISCAYNE BAY, FLORIDA (1)
NR-G3-GH-163-00254	SITE 095-EVERGLADES, FLORIDA (6) SITE 163-BISCAYNE BAY, FLORIDA (2)
NR-G3-GH-163-00315	SITE 163-BISCAYNE BAY, FLORIDA (3) SITE 169-FLORIDA KEYS (2)
NR-G3-GH-163-00316	SITE 163-BISCAYNE BAY, FLORIDA (4) SITE 169-FLORIDA KEY (3)
NR-G3-LL-166-00200	SITE 166-ICELAND (1)
NR-G3-LL-166-00201	SITE 166-ICELAND (2)
NR-G3-GJ-167-00202	SITE 167-LAKE MICHIGAN (1)
NR-G3-GJ-167-00294	SITE 167-LAKE MICHIGAN (2)
NR-G3-GJ-168-00295	SITE 168-PATUXENT RIVER, MARYLAND (5)

AIRCRAFT MISSION REQUESTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G3-GH-169-00245	SITE 169-FLORIDA KEYS (1)
NR-G3-GH-169-00315	SITE 163-BISCAYNE BAY, FLORIDA (3) SITE 169-FLORIDA KEYS (2)
NR-G3-GH-169-00316	SITE 163-BISCAYNE BAY, FLORIDA (4) SITE 169-FLORIDA KEY (3)
NR-G3-GH-173-00237	SITE 173-GULF LOOP (1)
NR-G3-GH-182-00243	SITE 182-WEST PALM BEACH, FLORIDA (1)
NR-G3-HJ-188-00300	SITE 188-NEW YORK BIGHT (1)
NR-G3-HJ-188-00336	SITE 188-NEW YORK BIGHT (2) SITE 151-LONG ISLAND, NEW YORK (7)
NR-G3-HH-192-00253	SITE 092-PUERTO RICO (3) SITE 192-BARRADOS (1)
NR-G3-DJ-211-00343	SITE 211-SAN FRANCISCO BAY AREA, CALIFORNIA (1)
NR-G3-EH-214-00342	SITE 214-GULF OF CALIFORNIA (1)

## SECTION G4 - MISSION SCREENING AND SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-G4-HJ-086-B0020	MISSION NO. 20 SITE 0e6
NR-G4-JK-087-B0022	MISSION NO. 22 SITE 0e7
NR-G4-GH-128-B0026	MISSION NO. 26 SITE 12e
NR-G4-GH-128-B0037	MISSION NO. 37 SITE 128
NR-G4-HJ-086-B0038	MISSION NO. 38 SITE 0e6
NR-G4-GH-128-B0041	MISSION NO. 41 SITE 128
NR-G4-GH-998-B0049	MISSION NO. 49 SITES 099, 155
NR-G4-JK-160-B0060	MISSION NO. 60 SITE 160
NR-G4-LL-166-B0088	MISSION NO. 88 SITE 166
NR-G4-JH-710-B0094	MISSION NO. 94 SITE 710
NR-G4-DJ-007-B0099	MISSION NO. 99 SITE 007
NR-G4-FH-158-B0113	MISSION NO. 113 SITE 158
NR-G4-GH-998-A0114	MISSION 114, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 155, 163, AND 169
NR-G4-GH-998-B0114	MISSION NO. 114 SITES 155, 163 AND 169

MISSION SCREENING AND SUMMARY REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G4-HJ-086-A0119	MISSION 119, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 086
NR-G4-HJ-086-B0119	MISSION NO. 119 SITE 119
NR-G4-GH-998-A0122	MISSION 122, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 163 AND 169
NR-G4-GH-998-B0122	MISSION NO. 122 SITES 163, 169
NR-G4-GH-128-A0135	MISSION 135, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 128
NR-G4-HH-237-A0138	MISSION 138, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITE 237
NR-G4-HH-237-B0138	MISSION NO. 138 SITE 237 - VIRGIN ISLANDS
NR-G4-GJ-998-C0147	MISSION 147, NOVEMBER 17, 1970, METEOROLOGICAL OBSERVATIONS- SITE 248 - NORTH CAROLINA COASTFLIGHT'S 1, 2, 3, 4, 5, 6, 7, SITE 175 - HOUSTON, TEXAS. SPACE FLIGHT METEOROLOGY GROUP, NASA/MSC, HOUSTON, TEXAS.
NR-G4-FH-155-B0149	MISSION NO. 149 SITE 155
NR-G4-FH-158-C0149	MISSION 149 - METEOROLOGICAL DATA FOR EARTH RESOURCES AIR-CRAFT PROGRAM. SITE 158, CORPUS CHRISTI, TEXAS/GULF OF MEXICO. HURRICANE CELIA, AUGUST 2-6, 1970. ITOS WEATHER SATELLITE PHOTOGRAPHS. COMPILED BY ESSA/WEATHER BUREAU, GULF COAST STATIONS, NEW ORLEANS, LOUISIANA - GALVESTON, TEXAS, ET AL.
NR-G4-GH-711-C0172	MISSION 172, SITE 711, METEOROLOGICAL DATA AND CHARTS, APRIL 19-30, 1971. SPACEFLIGHT METEOROLOGY GROUP, MANNED SPACE-CRAFT CENTER, HOUSTON, TEXAS. APRIL 1971, 13 ENVELOPES OF DATA.

## SECTION G6 - DIVISION BIBLIOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G6-00-000-00024	OCEANOGRAPHIC SATELLITE SYSTEM CONCEPT AND FEASIBILITY STUDY (U). FINAL REPORT, VOLUME 3, APPENDICES. AUGUST 1963. GENERAL ELECTRIC, MISSILE AND SPACE DIVISION. PREPARED FOR ASTRONAUTICS PROGRAM OFFICE, BUREAU OF NAVAL WEAPONS, NAVY DEPARTMENT, WASHINGTON, D.C. CONTRACT NO. N-600(19)59478.
NR-G6-GH-128-00027	SPACE OCEANOGRAPHIC PROJECT. STATUS REPORT, FEBRUARY 1966 - OCTOBER 1966. TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. OFFICE OF NAVAL RESEARCH. CONTRACT NO. NONR 2119(04).

DIVISION BIBLIOGRAPHY - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G6-HJ-086-00029	INFORMAL LOG - 13.3 GHZ SINGLE-POLARIZED SCATTEROMETER, 400 MHZ DUAL-POLARIZED SCATTEROMETER. MISSION 119, ARGUS ISLAND, BERMUDA, JAN. 19-27, 1970. CRES TECHNICAL MEMORANDUM 177-4. G.A. BRADLEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, REMOTE SENSING LABORATORY, LAWRENCE, KANSAS. FEB. 1970. CONTRACT NO. NAS 9-10261.
NR-G6-EJ-998-00032	THE AIRCRAFT TEST SITE REQUIREMENTS STUDY FOR SPACECRAFT OCEANOGRAPHY - FINAL REPORT. ASTRO SCIENCES CENTER OF IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. PREPARED FOR THE U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. SEPTEMBER 23, 1966. CONTRACT NO. N62306-2075.
NR-G6-GH-128-00034	OCEANOGRAPHY USING REMOTE SENSORS. STATUS REPORT, MARCH 1, 1967. TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY. CONTRACT NO. NONR 2119(04).
NR-G6-GH-128-00038	OCEANOGRAPHY USING REMOTE SENSORS. STATUS REPORT, JUNE 1, 1967. TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY. JULY 8, 1967, PUBLISH DATE JUNE 1, 1967. CONTRACT NO. NONR 2119(04).
NR-G6-GH-128-00042	OCEANOGRAPHY USING REMOTE SENSORS. STATUS REPORT, 1 SEPTEMBER 1967. TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. CONTRACT NUMBER NONR-2119(04). STAR N68-10843.
NR-G6-EJ-998-00052	DETAILED PLAN FOR THE U.S. NAVAL OCEANOGRAPHIC OFFICE PARTICIPATION IN THE NASA NATURAL RESOURCES PROGRAM. MARCH 1966. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. CONTRACT NO. NONE.
NR-G6-GH-998-00053	SPACECRAFT OCEANOGRAPHY PROJECT. 1966 ANNUAL REPORT. PHILCO CORPORATION, SPACE AND RE-ENTRY DIVISION, PALO ALTO, CALIFORNIA. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. SPONSORED BY THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C. 1967 REPRINT. CONTRACT NO. N62306-2141
NR-G6-GH-128-00056	OCEANOGRAPHY USING REMOTE SENSORS. STATUS REPORT, 1 JANUARY 1968. LUIS R.A. CAPURRO, TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. JANUARY 1968. CONTRACT NO. NONR 2119(04). STAR N68-20041.
NR-G6-GH-998-00077	OCEANOGRAPHIC IMAGE ENHANCEMENT. FINAL REPORT - TR-DA2164. DONALD S. ROSS, PHILCO-FORD CORP., SPACE AND RE-ENTRY SYSTEMS DIV., PALO ALTO, CALIFORNIA. JAN. 1970. CONTRACT NUMBER N62306-69-C-0072.
NR-G6-GH-128-00096	OCEANOGRAPHY USING REMOTE SENSORS. FINAL REPORT, JANUARY 15, 1969. LUIS R.A. CAPURRO, TEXAS A + M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. CONTRACT NUMBER NONR 2119(04). STAR N70-18106.
NR-G6-00-000-00106	OCEANOGRAPHIC COMMENT ON APOLLO 501 MISSION PHOTOGRAPHY. DON WALSH, LCDR., U.S. NAVY, AND JAMES E. ARNOLD, DEPARTMENT OF OCEANOGRAPHY, TEXAS A+M UNIVERSITY, COLLEGE STATION, TEXAS. NOVEMBER 1967. CONTRACT NUMBER NONR 2119(04). STAR N68-18773.
NR-G6-GH-128-00107	PRELIMINARY RESULTS FROM CONVAIR 240A, MISSION 50, JUNE 12, 1967, OVER MISSISSIPPI DELTA AREA. JACK F. PARIS, TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. 3 MAY 1968. CONTRACT NUMBER NONR 2119(04). STAR N68-33130.

DIVISION BIBLIOGRAPHY - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G6-FH-175-00138	SELECTED GROUND TRUTH DATA IN THE HOUSTON-GALVESTON AREA. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-108. MAY 8, 1968. CONTRACT NUMBER NAS 9-5191.
NR-G6-00-000-00162	NATIONAL DATA PROGRAM FOR THE MARINE ENVIRONMENT. FINAL REPORT. VOL. 1 AND 2. SECOND DRAFT. REPORT NUMBER TM-4023/004/00. SYSTEM DEVELOPMENT CORPORATION, SANTA MONICA, CALIFORNIA. CONTRACT NUMBER N00014-67-C-0559
NR-G6-00-000-00163	THE DETERMINATION OF MIXING AND CIRCULATION IN THE OCEAN WITH RADIOACTIVE TRACERS. J.M. PROSPERO, UNIVERSITY OF MIAMI, INSTITUTE OF MARINE SCIENCE, CORAL GABLES, FLORIDA. OCTOBER 1965. CONTRACT NO. AT-(40-D-3146).
NR-G6-FH-998-00165	T-S CHARACTERISTICS OF THE GULF OF MEXICO AT INTERMEDIATE DEPTHS. REPORT NO. A/M-REF-69-7-T. J.W. CARLUTHERS, TEXAS A + M UNIVERSITY, DEPT. OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. JUNE 1969. STAR N70-13000.
NR-G6-EJ-027-00196	MICROWAVE OBSERVATIONS OF SEA STATE FROM AIRCRAFT. REPORT NO. X-620-68-414. W. NORDBERG, JACK CONAWAY, AND P. THADDEUS GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. NOVEMBER 1968. STAR N69-11537.
NR-G6-GH-128-00199	CHARACTERISTIC PATTERNS OF RIVER OUTFLOW IN THE MISSISSIPPI DELTA. REFERENCE NO. 69-8-T. DON WALSH, TEXAS A + M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. JUNE 1969. CONTRACT NO. N62306-69-C-0263. STAR N70-18375
NR-G6-HM-000-00200	PRELIMINARY STUDIES OF INFRARED IMAGERY OF SEA-ICE PATTERNS SPECIAL REPORT 52. VERNON H. ANDERSON, U.S. ARMY COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, N.H. OCTOBER 1962.
NR-G6-00-000-00202	NATIONAL DATA PROGRAM FOR THE MARINE ENVIRONMENT. PHASE 2, PART 3. PROGRESS REPORT TM-4023/003/33. SYSTEM DEVELOPMENT CORPORATION, SANTA MONICA, CALIFORNIA. 28 FEBRUARY 1969. CONTRACT NUMBER N00014-67-C-0559.
NR-G6-00-000-00203	NATIONAL DATA PROGRAM FOR THE MARINE ENVIRONMENT. PHASE 2, PART 2. PROGRESS REPORT TM-4023/002/00. SYSTEM DEVELOPMENT CORPORATION, SANTA MONICA, CALIFORNIA. 17 JANUARY 1969. CONTRACT NUMBER N0014-67-C-0559.
NR-G6-00-000-00214	POTENTIAL IMPACT OF SATELLITE DATA ON SEA SURFACE TEMPERATURE ANALYSIS. INFORMAL REPORT, NO. IR-69-64. JOHN C. WILKERSON AND VINCENT E. NOBLE, U.S. NAVY DEPARTMENT, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. JULY 1969.
NR-G6-EJ-998-00216	REMOTE SENSING TECHNIQUES FOR THE LOCATION AND MEASUREMENT OF SHALLOW-WATER FEATURES. REPORT NO. 8973-10-P. F.C. POLCYN AND R.A. ROLLIN, UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LABORATORIES, ANN ARBOR, MICHIGAN. JANUARY 1969. CONTRACT NUMBER N62303-67-C-0243.
NR-G6-EJ-998-00217	FLIGHT TEST OF AN OCEAN COLOR MEASURING SYSTEM. FINAL REPORT. J.S. BAILEY, TRW SYSTEMS, REDONDO BEACH, CALIF. APRIL 1969. CONTRACT NUMBER N6230669-C-0024.
NR-G6-00-000-00220	SYNOPTIC OCEANOGRAPHY. REMOTE SENSING STUDIES OF THE OCEAN. PREPRINT (SPACECRAFT OCEANOGRAPHY PROJECT), PRESENTED AT JOINT NATIONAL MEETINGS, AMERICAN ASTRONAUTICAL SOCIETY (15TH ANNUAL) AND OPERATIONS RESEARCH SOCIETY (35TH NATIONAL). JUNE 17-20, 1969. DENVER, COLORADO. JOHN W. SHERMAN, III. U.S. NAVY DEPARTMENT, NAVAL OCEANOGRAPHIC OFFICE, SPACECRAFT OCEANOGRAPHY PROJECT, WASHINGTON, D.C.

DIVISION BIBLIOGRAPHY - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G6-00-000-00221	PHOTOGRAPHY - RAPID PHOTOGRAPHIC PROCESSING AND UNDERWATER PHOTOGRAPHY. VOL. I, VOL. II, VOL. III. REPORT BIBLIOGRAPHY. JAN. 1953-NOV. 1969. MICROFICHE COPY.
NR-G6-00-000-00222	USE OF SATELLITE HIGH RESOLUTION INFRARED IMAGERY TO MAP ARCTIC SEA ICE. FINAL REPORT. JAMES C. BARNES AND DAVID T. CHANG, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS., AUGUST 1969. CONTRACT NUMBER N62306-68-C-0276.
NR-G6-00-000-00225	THE USE OF METEOROLOGICAL SATELLITE PHOTOGRAPHS FOR THE MEASUREMENT OF SEA STATE. REPORT NO. IT-2. SEIBERT O. DUNTLEY AND CATHARINE F. EDGERTON, U.S. NAVY, BUREAU OF SHIPS, WASHINGTON, D.C. JUNE 1966. CONTRACT NO. NOBS-86012 STAR X67-11043.
NR-G6-HJ-086-00228	THE AIRBORNE SEA STATE RADAR PRINCIPLE AND PRELIMINARY ANALYSIS OF AN EXPERIMENTAL EVALUATION. NRL MEMO REPORT 1884. ARNO M. KING, ET AL., U.S. NAVY DEPT., NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. JUNE 1968. MICROFICHE COPY. STAR N68-35563.
NR-G6-00-000-00240	RADAR SCATTERING FROM THE SEA. PROGRESS REPORT APRIL-JUNE 1966. G.R. VALENZUELA AND E.B. DOBSON, JOHNS HOPKINS UNIVERSITY, APPLIED PHYSICS LABORATORY, BALTIMORE, MARYLAND. STAR X67-12567. AD-375 012
NR-G6-00-000-00257	PHOTOGRAPHY - UNDERWATER PHOTOGRAPHY. VOL. III. REPORT BIBLIOGRAPHY. JAN. 1953-MARCH 1969. MICROFICHE COPY.
NR-G6-EJ-181-00263	APOLLO 502 MISSION - PRELIMINARY ANALYSIS OF SEDIMENTOLOGY. FRANK J. WOBBER, IBM CORP., GAITHERSBURG, MD. JANUARY 1969.
NR-G6-GJ-150-00274	ASPECTS OF COASTAL OCEANOGRAPHY FROM SPACE PHOTOGRAPHY. MAYNARD M. NICHOLS, VIRGINIA INSTITUTE OF MARINE SCIENCE, GLOUCESTER POINT, VIRGINIA. PRESENTED AT GEOLOGICAL SOCIETY OF AMERICA, ANNUAL MEETING, ATLANTIC CITY, N.J., NOV. 1969.
NR-G6-00-000-00290	STUDY OF DOPPLER SPECTRA OF RADAR SEA-ECHO. G.R. VALENZUELA AND M.B. LAING, NAVAL RESEARCH LAB., WASHINGTON, D.C. NOV. 1969. REPORT NO. NRL-6934. AD-698 117. MICROFICHE COPY. STAR N70-21902 AD-698 117
NR-G6-GH-162-00292	ON THE INTERPRETATION OF FETCH-LIMITED WAVE SPECTRA AS MEASURED BY AN AIRBORNE SEA-SWELL RECORDER. T.P. BARNETT AND J.C. WILKERSON, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. MAY 1967. TECHNICAL REPORT NO. NOO-TR-191. AD-824 468. MICROFICHE COPY.
NR-G6-00-000-00308	FISHERIES FORECASTING SYSTEMS - A STUDY OF THE JAPANESE FISHERIES FORECASTING SYSTEM. FINAL REPORT FOR IR AND D MJO 9843-39. ALAN BURBANK AND R.H. DOUGLASS, TRW SYSTEMS, REDONDO BEACH, CALIFORNIA. APRIL 1969.
NR-G6-00-000-00328	U.S. NAVY SYMPOSIUM (4TH) ON MILITARY OCEANOGRAPHY, WASHINGTON, D.C. MAY 1967. PROCEEDINGS, VOLUME I. U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. MICROFICHE AND HARD COPY. AD-822 946L X68-12141 THRU X68-12166.
NR-G6-00-000-00329	U.S. NAVY SYMPOSIUM (5TH) ON MILITARY OCEANOGRAPHY, VOLUME I. U.S. NAVY MINE DEFENSE LABORATORY, PANAMA CITY, FLORIDA. 1968.
NR-G6-GH-162-00330	AIRBORNE RADIATION THERMOMETER SURVEY TONGUE OF THE OCEAN, 5 THROUGH 9 FEBRUARY 1963. INFORMAL MANUSCRIPT REPORT NO. 0-20-63. (REPRINT) J. WILKERSON, R. PELOQUIN, ET AL., U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. FEBRUARY 1963.



DIVISION BIBLIOGRAPHY - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G6-HJ-086-00331	AIRBORNE RADIATION AND INFRARED THERMOMETERS. (TWO PARTS) INFORMAL REPORT NO. 0-16-63. PART I, MORRIS WEISS, BARNES ENGINEERING CO., STAMFORD, CONN. - PART II, ROBERT A. PELOQUIN, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASH., D.C. PRESENTED AT INSTRUMENT SOCIETY OF AMERICA CONFERENCE, SAN DIEGO, CALIFORNIA, NOV. 1962.
NR-G6-00-000-00332	ACCURACY OF AN AIRBORNE INFRARED RADIATION THERMOMETER. INFORMAL REPORT NO. 3-1-66. ROBERT E.L. PICKETT, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. APRIL 1966.
NR-G6-JH-710-00336	NEWS FROM HOMEX. (BARBADOS OCEANOGRAPHIC AND METEOROLOGICAL EXPERIMENT). PRESS KIT, MARCH 21, 1969. ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, HOMEX PROJECT OFFICE, ROCKVILLE, MARYLAND.
NR-G6-00-000-00337	WORKSHOP ON TECHNIQUES FOR INFRARED SURVEY OF SEA TEMPERATURE. APRIL 27-28, 1964. JOHN CLARK, OFFICE OF NAVAL RESEARCH, SANDY HOOK MARINE LAB., HIGHLANDS, N.J. AUG. 1964 PRELIMINARY REPORT.
NR-G6-00-000-00341	RADIO SOUNDING OF ANTARCTIC ICE. RESEARCH REPORT SERIES NO. 87-1, CONTRIBUTION 214. GEORGE R. JIRACEK, UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN. NOVEMBER 1967. X68-14890 AD-827 844.
NR-G6-00-000-00355	AN EVALUATION OF THE INFRA-RED THERMOMETER AS AN AIRBORNE INDICATOR OF SURFACE WATER TEMPERATURES. CANADA - METEOROLOGICAL BRANCH, CIRCULAR 4354. JAN. 1966. T.L. RICHARDS, AND D.G. MASSEY, DEPT. OF TRANSPORT, METEOROLOGICAL BRANCH, TORONTO, CANADA. X66-21621
NR-G6-00-000-00372	AIR-SEA INTERFACE AND INTERACTIONS. REPORT BIBLIOGRAPHY, FEB. 1956-JULY 1969. REPORT NO. DDC-TAS-69-68. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. JAN. 1970. MICROFICHE COPY. AD-865 800 X70-14187.
NR-G6-LL-166-00401	MEASUREMENTS OF MICROWAVE EMISSION FROM A FOAM COVERED, WIND DRIVEN SEA. REPORT NO. X-650-70-384 PREPRINT. W. NORDBERG, J. CONAWAY, DUNCAN B. ROSS, AND T. WILHEIT, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. OCT. 1970. SUBMITTED FOR PUBLICATION TO JOURNAL OF ATMOSPHERIC SCIENCES, OCT. 1970. NASA-TM-X-65368. N70-42628. MICROFICHE AND HARD COPY.
NR-G6-HJ-998-00428	AERIAL PHOTOGRAPHIC STUDIES OF THE COASTAL WATERS OF NEW YORK AND LONG ISLAND. MAHLON G. KELLY, UNIVERSITY OF VIRGINIA, DEPT. OF ENVIRONMENTAL SCIENCE, CHARLOTTESVILLE, VA., AND LOUIS CASTIGLIONE, NEW YORK UNIVERSITY, DEPT. OF BIOLOGY, BRONX, N.Y. NOV. 1970. CONTRACT NUMBER N62306-70-A-0073-0003. AD-715 804 MICROFICHE AND HARD COPY

# SECTION G7 - SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-G7-00-000-00004	OCEANOGRAPHY FROM SPACE. PROCEEDINGS OF CONFERENCE ON THE FEASIBILITY OF CONDUCTING OCEANOGRAPHIC EXPLORATIONS FROM AIRCRAFT, MANNED ORBITAL AND LUNAR LABORATORIES. AUGUST 24 - 28, 1964. WOODS HOLE, OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASSACHUSETTS. APRIL 1965, CONTRACT NO. NSR-22-014-003. STAR N65-30350. G.C. EWING, EDITOR
NR-G7-00-000-00006	THE FEASIBILITY OF SEA SURFACE TEMPERATURE DETERMINATION USING SATELLITE INFRARED DATA. NASA CR-474. JAMES R. GREAVES RAYMOND WEXLER AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. MAY 1966. CONTRACT NO. NASW-1157 STAR N66-24393.
NR-G7-00-000-00036	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. OCEANOGRAPHY-NO. 5. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N69-28072.
NR-G7-00-000-00049	OCEANOGRAPHY AND METEOROLOGY, A SYSTEM ANALYSIS TO IDENTIFY ORBITAL RESEARCH REQUIREMENTS. VOL. 1 - EXECUTIVE SUMMARY REPORT AND VOL. 2 - TECHNICAL REPORT. W.W. HILDRETH AND A.B. HOLLINDEN, MC DONNELL DOUGLAS CORP., SANTA MONICA, CALIFORNIA. APRIL 1968. REPORT NOS. DAC-58120-VOL. 1, AND DAC-58121- VOL. 2. CONTRACT NO. NAS 8-21064, ADDENDUM ONE.
NR-G7-00-000-00050	SATELLITES CAPABLE OF OCEANOGRAPHIC DATA ACQUISITION - A REVIEW. REPORT NO. TR-215. PAUL E. LAVIOLETTE AND SANDRA E. SEIM, U.S. NAVY DEPT., OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. MAY 1969.
NR-G7-EJ-998-00059	ANNEX A. A REVIEW OF ACHIEVEMENTS IN REMOTE SENSING FOR OCEANOGRAPHY. ANNUAL REPORT, OCT. 1965 - SEPT. 1966. U.S. NAVY DEPT., NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. STAR X68-81950.
NR-G7-HJ-998-00069	WIND-DRIFT CURRENT INVESTIGATIONS. SUMMARY REPORT. ARNOLD L. GORDON AND ROBERT D. GERARD, LAMONT-DOHERTY GEOLOGICAL OBSERVATORY OF COLUMBIA UNIVERSITY, PALISADES, NEW YORK. DEC. 1969. CONTRACT NO. N 62306-C-0296.
NR-G7-HJ-998-00070	WIND-DRIFT CURRENT INVESTIGATIONS. ANNUAL REPORT. ARNOLD L. GORDON AND ROBERT D. GERARD, LAMONT-DOHERTY GEOLOGICAL OBSERVATORY OF COLUMBIA UNIVERSITY, PALISADES, NEW YORK. JUNE 1969. CONTRACT NO. N 62306-C-0296.
NR-G7-LL-998-00087	MICROWAVE OBSERVATIONS OF THE OCEAN SURFACE. ANALYSES OF THE NASA/NAVY REVIEW, JUNE 1969. REPORT NO. SP-152. U.S. NAVAL OCEANOGRAPHIC OFFICE, SPACECRAFT OCEANOGRAPHY PROJECT, WASHINGTON, D.C. DEC. 1970, 292P. AD-718 773
NR-G7-EJ-027-00088	SPACECRAFT OCEANOGRAPHY PROJECT. ANNEX A - A REVIEW OF ACHIEVEMENTS IN REMOTE SENSING FOR OCEANOGRAPHY. ANNUAL REPORT, 1 OCT. 65-1 SEPT. 66. PREPARED JOINTLY BY NAVY AND PHILCO-FORD CORP., PALO ALTO, CALIF. SEPT. 1966, 104P. MICROFICHE COPY. AD-823211 X68-81950
NR-G7-GH-998-00094	UNITED STATES ACTIVITIES IN SPACECRAFT OCEANOGRAPHY. NASA, AND U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. OCT. 1967, 48P. AVAILABLE - U.S. GOVT. PRINT. OFFICE, '65.
NR-G7-HJ-998-00102	REMOTE SENSING IN MARINE BIOLOGY AND FISHERY RESOURCES, SYM- POSIUM, COLLEGE STATION, TEXAS, JAN. 1971, PROCEEDINGS. REPORT NO. TAMU-SG-71-106. TEXAS A+M UNIV., REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. MARCH 1971, 306P. (NR-G8-01045 IS ABSTRACTS OF PAPERS)



# SECTION G8

## SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-G8-00-000-00018	DATA (OCEANOGRAPHY ISSUE); VOL. 9, NO. 5, MAY 1964
NR-G8-00-000-00066	REFRACTIVE INDEX OF WATER IN THE INFRARED. MARVIN R. QUERRY AND BASIL CURNUTTE, KANSAS STATE UNIVERSITY, MANHATTAN, KANSAS. PUBLISHED IN THE JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 59, NO. 10, OCT. 1969. PP.1299-1305.
NR-G8-00-000-00146	BIBLIOGRAPHY ON THE USE OF SATELLITES FOR OCEANOGRAPHIC OBSERVATIONS. WILLIAM K. WIDGER, JR. AND JAMES R. GREAVES, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. APRIL 1968. CONTRACT NUMBER NASW-1651.
NR-G8-00-000-00157	ILLUSORY LAND IN THE ARCTIC. V.S. ANTONOV, ARCTIC RESEARCH OBSERVATORY, DICKSON ISLAND, CANADA. TRANSLATED FROM PRIRODA, 1967, NO. 12, P.68. STAR NO. N68-27702.
NR-G8-JK-998-00202	REPORT OF THE ARCTIC ICE OBSERVING AND FORECASTING PROGRAM-1965. REPORT NO. SP-70(65). U.S. NAVY DEPT., OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. MAY 1967. STAR N68-86204.
NR-G8-HJ-998-00204	SPACECRAFT OCEANOGRAPHY 1964-1967. INFORMAL REPORT. CHARLES C. BATES AND JOHN W. SHERMAN, U.S. NAVY DEPARTMENT, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. MAY 1968. STAR X68-20409
NR-G8-JK-998-00231	REPORT OF THE ARCTIC ICE OBSERVING AND FORECASTING PROGRAM 1964. SP-70(64). U.S. NAVY DEPT., NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. DECEMBER 1965. MICROFICHE COPY. STAR N66-31276.
NR-G8-00-000-00277	METEOROLOGICAL INTERPRETATION OF NIMBUS HIGH RESOLUTION INFRARED (HRIR) DATA. NASA CR-352. W.K. WIDGER, JR., J.C. BARNES, ET AL., ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. AUGUST 1965. CONTRACT NO. NAS 5-9554. STAR N66-17661.
NR-G8-00-000-00284	SATELLITE STUDIES OF CLOUDS AND CLOUD BANDS NEAR THE LOW-LEVEL JET. WILLIAM D. BONNER AND FRANK WINNINGHOFF, UNIV. OF CALIFORNIA, LOS ANGELES, CALIFORNIA. PUBLISHED IN MONTHLY WEATHER REVIEW, VOL. 97, NO. 7, JULY 1969. PP.490-500. MICROFICHE COPY.
NR-G8-00-000-00285	INTERACTION BETWEEN SUBTROPICAL AND POLAR-FRONT JET STREAM. E.R. REITE, ET AL., COLORADO STATE UNIVERSITY, DEPT. OF ATMOSPHERIC SCIENCE, FT. COLLINS, COLO. PUBLISHED IN MONTHLY WEATHER REVIEW, VOL. 97, JUNE 1969. PP.432-438. MICROFICHE COPY.
NR-G8-00-000-00287	SPACE OCEANOGRAPHY - APPLICATIONS AND BENEFITS. E.E. LUDWICK, JR., GENERAL ELECTRIC CO., MISSISSIPPI TEST SUPPORT DEPT., BAY ST. LOUIS, MISS. PUBLISHED IN SPACE, TECHNOLOGY, AND SOCIETY - CANAVERAL COUNCIL OF TECHNICAL SOCIETIES, SPACE CONGRESS, 6TH, COCOA BEACH, FLA., MARCH 1969. VOL. 1, PP.9-5-9-35. MICROFICHE COPY.
NR-G8-00-000-00304	COLLECTED REPRINTS-ESSA-INSTITUTE FOR OCEANOGRAPHY 1966. ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, ATLANTIC OCEANOGRAPHIC LABORATORIES, MIAMI, FLA., AND PACIFIC OCEANOGRAPHIC LABORATORIES, SEATTLE, WASHINGTON. 1969.
NR-G8-00-000-00305	COLLECTED REPRINTS-ESSA-INSTITUTE FOR OCEANOGRAPHY 1967. ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, ATLANTIC OCEANOGRAPHIC LABORATORIES, MIAMI, FLA., AND PACIFIC OCEANOGRAPHIC LABORATORIES, SEATTLE, WASHINGTON. 1969.

SUBJECT RELATED DOCUMENTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G8-00-000-00306	COLLECTED REPRINTS-ESSA-INSTITUTE FOR OCEANOGRAPHY 1968. ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, ATLANTIC OCEANOGRAPHIC LABORATORIES, MIAMI, FLA., AND PACIFIC OCEANOGRAPHIC LABORATORIES, SEATTLE, WASHINGTON. 1969.
NR-G8-GH-998-00312	FUTURE FIELDS OF CONTROL APPLICATION - SYMPOSIUM, CAMBRIDGE, MASS., FEB. 1969, PROCEEDINGS. REPORT NOS. NASA-SP-211, NASA-TM-X-66516, AND FM-87. GIFFORD C. EWING, NASA, ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. AUG. 1969, 151P. MICROFICHE AND HARD COPY. N69-39957 THRU 39969 = SP-211, N71-14426 THRU 14438 = FM-87.
NR-G8-00-000-00319	FORMATION AND STRUCTURE OF EQUATORIAL ANTICYCLONES CAUSED BY LARGE-SCALE CROSS-EQUATORIAL FLOWS DETERMINED BY ATS-1 PHOTOGRAPHS. TETSUVA T. FUJITA, ET AL., UNIVERSITY OF CHICAGO, DEPT. OF GEOPHYSICAL SCIENCES, CHICAGO, ILL. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 8, AUGUST 1969. PP.649-667. MICROFICHE AND HARD COPY.
NR-G8-JK-160-00339	REPORT OF THE INTERNATIONAL ICE PATROL SERVICE IN THE NORTH ATLANTIC OCEAN SEASON OF 1966. J.E. MURRAY, COAST GUARD, WASHINGTON, D.C. REPORT NOS. USCG-BULL. 52, USCG-188-21. AD-692 936. MICROFICHE COPY.
NR-G8-00-000-00352	SATELLITE EVIDENCE OF SEA-AIR INTERACTIONS DURING THE INDIAN MONSOON. K. RAGHAVAN, INSTITUTE OF TROPICAL METEOROLOGY, POONA, INDIA. PUBLISHED IN WEATHER REVIEW, VOL. 97, NO. 12, DEC. 1969. PP.905-909.
NR-G8-00-000-00356	FINAL ANALYSIS ON SOME POTENTIAL BENEFITS TO COMMERCIAL FISHING THROUGH INCREASED SEARCH EFFICIENCY. A CASE STUDY - THE TUNA INDUSTRY. VIRGIL J. NORTON, UNIVERSITY OF RHODE ISLAND, KINGSTON, RHODE ISLAND. JAN. 1969. STAR N69-40908.
NR-G8-00-000-00405	OCEANOGRAPHY, VOL. I. BIBLIOGRAPHY REPORT, JAN. 1963-JUNE 1968. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VIRGINIA. JUNE 1969. REPORT NO. DDC-TAS-69-36-1. STAR N69-38370. AD-689 700. MICROFICHE COPY.
NR-G8-00-000-00406	OCEANOGRAPHY, VOL. II. BIBLIOGRAPHY REPORT, JAN. 1963-JUNE 1968. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VIRGINIA. JUNE 1969. REPORT NO. DDC-TAS-69-36-2. AD-855 000. MICROFICHE COPY.
NR-G8-00-000-00433	THE ADDITION OF AUTOMATIC TEMPERATURE AND PRESSURE SENSORS TO UNDERWATER GAMMA SPECTROMETER. GORDON K. RIEL, NAVAL ORDNANCE LAB., SILVER SPRINGS, MARYLAND. MARCH 1969. REPORT NO. NOLTR-69-66. AD-698 287. MICROFICHE COPY.
NR-G8-00-000-00440	A DIFFRACTION ANALYSIS OF A PHOTOGRAPH OF THE SEA. N.F. BARBER, ROYAL NAVAL SCIENTIFIC SERVICE, LONDON, ENGLAND PUBLISHED IN NATURE, VOL. 164, NO. 4168, SEPT. 1949, P.485.
NR-G8-00-000-00446	WEATHER SATELLITES. VOL. 1 OF 2, REPORT BIBLIOGRAPHY, JAN. 1956 - NOV. 1968. VOL. 2 OF 2, REPORT BIBLIOGRAPHY, JUNE 1958 - MAY 1968. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. AD-862 200 AD-696 901 X70-12576
NR-G8-00-000-00483	THE INTERPRETATION OF CROSSED ORTHOGONALS IN WAVE REFRACTION PHENOMENA. TECHNICAL MEMO NO. 21. DR. WILLARD J. PIERSON, JR., NEW YORK UNIVERSITY, NEW YORK CITY, NEW YORK. CORP OF ENGINEERS, WASHINGTON, D.C. JAN. 1951. CONTRACT NO. W49-055-ENG1. AD-699 398. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G8-00-000-00500	SOME SYSTEMS POSSIBILITIES FOR GLOBAL ATMOSPHERIC RESEARCH PROGRAM. DR. MORRIS TEPPER, NASA, WASHINGTON, D.C. AND STANLEY RUTTENBERG, NATIONAL CENTER FOR ATMOSPHERIC RESEARCH BOULDER, COLO. PRESENTED AT THE AMERICAN ASTRONAUTICAL SOCIETY AND OPERATIONS RESEARCH SOCIETY OF AMERICA, JOINT NATIONAL MEETING, DENVER, COLORADO, JUNE 1969, AAS PAPER 69-120. A69-42817. MICROFICHE AND HARD COPY.
NR-G8-00-000-00503	AIR-SEA INTERACTION - THE FLUXES IN THE ATMOSPHERIC BOUNDARY LAYER. RICCARDO PESARESI, SACLANT ASW RESEARCH CENTER, LA SPEZIA, ITALY. AUG. 1969. STAR N70-13771. MICROFICHE COPY. AD-859 893
NR-G8-00-000-00508	SIRS - A MAJOR BREAKTHROUGH IN METEOROLOGICAL OBSERVATION. PUBLISHED IN WORLD METEOROLOGICAL ORGANIZATION BULLETIN (WMO), VOL. 19, NO. 1, JAN. 1970. PP.2-10.
NR-G8-00-000-00613	SPACECRAFT OCEANOGRAPHY PROJECT BIBLIOGRAPHY. ISSUE 1. FEB. 1967. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. AND PHILCO-FORD CORP., PALO ALTO, CALIF.
NR-G8-GH-128-00660	TECHNIQUES FOR INFRARED SURVEY OF SEA TEMPERATURE, REPORT OF WORKSHOP, WASHINGTON, D.C. APRIL 1964. BUREAU OF SPORT FISHERIES AND WILDLIFE CIRCULAR NO. 202, NOV. 1964. JOHN CLARK, BUREAU OF SPORT FISHERIES AND WILDLIFE, HIGHLANDS, NEW JERSEY AND ALBUQUERQUE, NEW MEXICO.
NR-G8-00-000-00662	CONCERNING THE THEORY OF SCATTER OF HF RADIO GROUND WAVES FROM PERIODIC SEA WAVES. ESSA, TECHNICAL REPORT ERL 145-OD 3. JAMES R. WAIT, ESSA, RESEARCH LABORATORIES, BOULDER, COLO. DEC. 1969. N70-33728
NR-G8-00-000-00666	METEOROLOGICAL APPLICATIONS OF LIDAR. W.E. EVANS AND R.T.H. COLLIS, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. PUBLISHED IN SPIE JOURNAL, VOL. 8, NO. 1, JAN. 1970. PP.38-45. A70-23066.
NR-G8-00-000-00714	THEORY OF HF GROUND WAVE BACKSCATTER FROM SEA WAVES. JAMES R. WAIT, ESSA, BOULDER, COLO. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 71, NO. 20, OCT. 1966. PP.4839-4842.
NR-G8-00-000-00723	OCEANOGRAPHIC SATELLITE SYSTEM CONCEPT AND FEASIBILITY STUDY. FINAL REPORT, VOL. 3, APPENDICES. DOCUMENT NO. 63SD717. A.S. CORSON, VALLEY FORGE SPACE TECHNOLOGY CENTER, PHILADELPHIA, PA. AUGUST 1963. CONTRACT NO. N-600(19)59478 AD-436 744. N64-84331
NR-G8-00-000-00731	SPACECRAFT OCEANOGRAPHY - ITS SCIENTIFIC AND ECONOMIC IMPLICATIONS FOR THE NEXT DECADE. JOHN W. SHERMAN, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C., AND CAPT. LEROY CHENEY, VALLEY FORGE SPACE TECHNOLOGY CENTER, GENERAL ELECTRIC CO., PHILADELPHIA, PA. AT UNITED NATIONS - CONFERENCE ON THE EXPLORATION AND PEACEFUL USES OF OUTER SPACE, VIENNA, AUSTRIA, AUG. 1968. PAPER 68-95878, MICROFICHE COPY. A69-10491.
NR-G8-00-000-00739	NATIONAL DATA BUOY SYSTEMS, U.S. COAST GUARD, SCIENTIFIC ADVISORY MEETING, 1ST, NEW LONDON, CONN., MAY 1969, PROCEEDINGS. U.S. COAST GUARD, NEW LONDON, CONN. MICROFICHE COPY. AD-695 501 N70-20604.
NR-G8-00-000-00750	ICE OBSERVATIONS. OCEANOGRAPHIC OFFICE OBSERVERS MANUAL. REPORT NO. N00-H0-PUB.-606-D. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON. D.C. MICROFICHE COPY. AD-705 034.

SUBJECT RELATED DOCUMENTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G8-00-000-00757	MEASUREMENT OF THE STATISTICAL PROPERTIES OF THE OCEAN SURFACE WITH INSTRUMENTED SURFACE FLOATS. PART 2 - ENGINEERING AND DATA PROCESSING. FINAL SUMMARY REPORT. REPORT NO. GSL-TR-69-10-PT.2. R. ALFRED SAENGER, RESEARCH DIV., SCHOOL OF ENGINEERING AND SCIENCE, NEW YORK UNIVERSITY, GEOPHYSICAL SCIENCE LAB., NEW YORK. OCT. 1969. CONTRACT NO. N00014-67-A-0647-0012. MICROFICHE COPY. AD-699 180 N70-25082.
NR-G8-00-000-00775	ON THE CORRELATION FUNCTIONS IN TIME AND SPACE OF WIND-GENERATED OCEAN WAVES. REPORT NO. SACLANTCEN-TR-160. JAN GEERT DE BOER, SACLANT ASW RESEARCH CENTER, NATO, LA SPEZIA, ITALY. DEC. 1969. MICROFICHE COPY. N70-22953.
NR-G8-00-000-00780	A STUDY OF SEA RETURN AT NORMAL AND NEAR-NORMAL INCIDENCE. FINAL REPORT. REPORT NO. NRL-7005. O.D. SLEDGE AND S.F. GEORGE, U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. JAN. 1970. MICROFICHE COPY. AD-702 735. N70-36874
NR-G8-00-000-00801	FORMATION OF NEGATIVE TEMPERATURE GRADIENTS NEAR A WATER SURFACE. REPORT NO. CLB-3T-620. S.P. MALESKII-MALEVICH, USSR TRANSLATION OF METEOROLOGIYA I GIDROLOGIYA (USSR), NO. 3, 1969 PP.53-59. R.E. GIBSON LIBRARY BULLETIN TRANSLATION SERIES. CONTRACT NO. NOW 62-0604-C. MICROFICHE COPY. AD-703 992. N70-31789
NR-G8-00-000-00813	AN ENGINEERING GUIDE TO SPECTRAL ANALYSIS. FINAL REPORT, JULY 1962-OCT. 1967. REPORT NO. TR-69-63. WILBUR MARKS, OCEANICS, INC., PLAINVIEW, NEW YORK. JUNE 1969. CONTRACT NO. NONR 3961(00). MICROFICHE COPY. AD-698 837 N70-22898.
NR-G8-00-000-00828	BIBLIOGRAPHY ON UNDERWATER PHOTOGRAPHY AND PHOTOGRAMMETRY. KODAK PAMPHLET NO. P-124, EK CO., 1968. EASTMAN KODAK CO., ROCHESTER, N.Y. AUG. 1968 REVISION.
NR-G8-00-000-00830	THE INTER-TROPICAL CONVERGENCE ZONE STUDIED WITH AN INTERACTING ATMOSPHERE AND OCEAN MODEL. REPORT NOS. SCIENTIFIC-2 AND AFCL-70-0069. ARTHUR C. PIKE, UNIVERSITY OF MIAMI, CORAL GABLES, FLORIDA. JAN. 1970. CONTRACT NO. F19628-68-C-0144. AD-703 082
NR-G8-00-000-00877	TSUNAMI. REPORT NO. ESSA-TM-WBTM-WR-48. RICHARD P. AUGULIS, WEATHER BUREAU, WESTERN REGION, SALT LAKE CITY, UTAH. FEB. 1970, 31P. PB-190157 N70-37213
NR-G8-IM-000-00880	RADAR IMAGERY OF ARCTIC PARK ICE, KANE BASIN TO NORTH POLE. REPORT NO. SR-94. U.S. ARMY COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, PHOTOGRAPHIC INTERPRETATION RESEARCH DIV., HANOVER, N.H. APRIL 1968, 5 CHARTS.
NR-G8-00-000-00898	TROPOSPHERIC PROPAGATION IN OCEAN SURFACE DUCTS. ALBERT W. BIGGS, ELECTRICAL ENGINEERING DEPT., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS.
NR-G8-00-000-00945	OCEANIC BIOLUMINESCENCE AND THE ECOLOGY OF DINOFLAGELLATES. MAHLON GEORGE KELLY, JR., HARVARD UNIVERSITY, DEPT. OF BIOLOGY, CAMBRIDGE, MASSACHUSETTS. JAN. 1968, 237P. (PH.D. THESIS)
NR-G8-HJ-000-01007	RESEARCH ON THE DYNAMICS OF AIR-SEA INTERACTION. PROGRESS REPORT. ERIK MOLLO-CRISTENSEN, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, DEPT. OF METEOROLOGY, CAMBRIDGE, MASS., JUNE 1967, 30P. CONTRACT NOS. GRANT'S NONR-1841(74), NSF GP4321, AND N140-(122)27626B. AD-655471

Reproduced from  
best available copy. 

SUBJECT RELATED DOCUMENTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G8-FH-998-01024	COLLECTED REPRINTS ESSA ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LABORATORIES, PACIFIC OCEANOGRAPHIC LABORATORIES - 1969, IN 2 VOLUMES. ENVIRONMENTAL SCIENCE SERVICES ADMIN., ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LABS., MIAMI, FLORIDA, AND PACIFIC OCEANOGRAPHIC LABS., SEATTLE, WASHINGTON. SEPT 1970.
NR-G8-00-000-01025	UNITED STATES COAST GUARD OCEANOGRAPHIC SENSOR STUDY. VOLUME I. STATE-OF-THE-ART OF OCEANOGRAPHIC AND METEOROLOGICAL SENSORS, TUTORIAL DISCUSSION. TECHNICAL ON TASK 1. REPORT NO. TI-59009-LA. ROBERT J. GAILLARD, KENNETH I. HELDEBRANDT, ROBERT M. CROSBY, AND THOMAS CASS, TEXAS INSTRUMENTS, INC., SERVICES GROUP, DALLAS, TEXAS. MAY 1970, 213P. CONTRACT NO. DOT-CG-90505-A. MICROFICHE AND HARD COPY. AD-711322 N71-11383
NR-G8-00-000-01026	UNITED STATES COAST GUARD OCEANOGRAPHIC SENSOR STUDY. VOLUME II. STATE-OF-THE-ART OF OCEANOGRAPHIC AND METEOROLOGICAL SENSORS, CATALOG. TECHNICAL REPORT ON TASK 1. REPORT NO. TI-59009-1B. ROBERT J. GAILLARD, KENNETH I. HELDEBRANDT, ROBERT M. CROSBY, AND THOMAS CASS, TEXAS INSTRUMENTS INC., SERVICES GROUP, DALLAS, TEXAS. MAY 1970, 354P. CONTRACT NO. DOT-CG-90505-A. MICROFICHE AND HARD COPY. AD-711323 N71-11384
NR-G8-LL-998-01027	UNITED STATES COAST GUARD OCEANOGRAPHIC SENSOR STUDY. VOLUME III. THE SURVIVAL ENVIRONMENT FOR OCEANOGRAPHIC AND METEOROLOGICAL SENSORS. REPORT NO. TI-59009-2. ROBERT M. CROSBY, FRANK H. MACDONALD, THOMAS R. LIVERMORE, AND WILLIAM GUMMA, TEXAS INSTRUMENTS INC., SERVICES GROUP, DALLAS, TEXAS. MAY 1970, 123P. CONTRACT NO. DOT-CG-90505-A. MICROFICHE AND HARD COPY. AD-711325 N71-11385
NR-G8-00-000-01028	UNITED STATES COAST GUARD OCEANOGRAPHIC SENSOR STUDY. VOLUME IV. THE FORMATTING AND TRANSMISSION OF DATA FROM OCEANOGRAPHIC SENSORS. TECHNICAL REPORT ON TASK 3. REPORT NO. TI-59009-3. WILTON J. DANIEL, JR., AND JERRY R. YEARRAN. TEXAS INSTRUMENTS INC., SERVICES GROUP, DALLAS, TEXAS. MAY 1970, 165P. CONTRACT NO. DOT-CG-90505-A. MICROFICHE AND HARD COPY. AD-711326 N71-11386
NR-G8-00-000-01029	UNITED STATES COAST GUARD OCEANOGRAPHIC SENSOR STUDY. VOLUME V. ANALYSIS OF APPLYING STANDARDIZATION TECHNIQUES TO OCEANOGRAPHIC SENSORS. TECHNICAL REPORT ON TASK 4. REPORT NO. TI-59009-4. P. DAVID CALL, AND WILTON J. DANIEL, JR., TEXAS INSTRUMENTS INC., SERVICES GROUP, DALLAS, TEXAS, JUNE 1970, 59P. CONTRACT NO. DOT-CG-90505-A. MICROFICHE AND HARD COPY. AD-711327 N71-11387
NR-G8-00-000-01030	UNITED STATES COAST GUARD OCEANOGRAPHIC SENSOR STUDY. VOLUME VI. TEST REQUIREMENTS FOR OCEANOGRAPHIC AND METEOROLOGICAL SENSORS. REPORT NO. TI-59009-5. FRANK H. MACDONALD, LAWRENCE B. SULLIVAN, AND THOMAS R. LIVERMORE, TEXAS INSTRUMENTS INC., SERVICES GROUP, DALLAS, TEXAS. MAY 1970, 193P. CONTRACT NO. DOT-CG-90505-A. MICROFICHE AND HARD COPY. AD-711328 N71-11388
NR-G8-HJ-151-01045	REMOTE SENSING IN MARINE BIOLOGY AND FISHERY RESOURCES, SYMPOSIUM, COLLEGE STATION, TEXAS, JAN 1971, ABSTRACTS OF PAPERS. TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. JAN. 1971, 19P.

SUBJECT RELATED DOCUMENTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G8-00-000-01066	MARINE SCIENCE AFFAIRS - A YEAR OF TRANSITION. NATIONAL COUNCIL ON MARINE RESOURCES AND ENGINEERING DEVELOPMENT, WASHINGTON, D.C.
NR-G8-00-000-01068	OCEANOGRAPHIC REGIONS AND ASSESSMENT OF TEMPERATURE STRUCTURE IN THE SEASONAL ZONE OF NORTH PACIFIC OCEAN. JOHN P. TULLY, FISHERIES RESEARCH BOARD OF CANADA, PACIFIC OCEANOGRAPHIC GROUP, NANAIMO, B.C. CANADA. IN JOURNAL OF THE FISHERIES RESEARCH BOARD OF CANADA, VOL. 21, NO. 5, 1964, PP.941-970.
NR-G8-00-000-01092	OBSERVATIONS OF MILLIMETRE WAVELENGTH SOLAR RADIATION AT SEA LEVEL. J.E. HARRIES, AND W.J. BURROUGHS, MINISTRY OF TECHNOLOGY, NATIONAL PHYSICAL LABORATORY, TEDDINGTON, MIDDLESEX, ENGLAND. IN INFRARED PHYSICS, VOL. 10, OCT. 1970. PP.165-172. A70-45785
NR-G8-00-000-01110	FEDERAL OCEANIC AND ATMOSPHERIC ORGANIZATION, PART 1. U.S. CONGRESS. SENATE. COMMITTEE ON COMMERCE., SUBCOMMITTEE ON OCEANOGRAPHY, WASHINGTON, D.C. (WASHINGTON, GPO, 1970, 775P.) HEARING ON S. 2841 AND S. 2802 BEFORE COMMITTEE ON COMMERCE., 91ST CONGRESS, 1ST AND 2D SESSIONS, 17 DEC. 1969 AND 9-10, 17-18, 24, 26 FEB. 1970. N70-41435 PART 2 - HEARINGS ON S.2802, S.2393, S.3118, AND S.3460 BEFORE COMMITTEE ON COMMERCE, 91ST CONGRESS, 1ST AND 2ND SESSIONS, 23 MAR., 2,9,14,16,21 APRIL, AND 4 MAY 1970, N70-41746 SERIAL NO. 91-59.
NR-G8-00-000-01121	SCATTERING AND RADIATION OF WATER WAVES. FINAL REPORT, 1966-1970. REPORT NOS. 121, AND T70-3. JARED L. BLACK, AND CHIANG C. MEI, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, WATER RESOURCES AND HYDRODYNAMICS LAB., CAMBRIDGE, MASS. APRIL 1970, 251P. CONTRACT NOS. N00014-67-A-0204-0036, AND NONR-1841(59). MICROFICHE COPY. AD-705 621
NR-G8-00-000-01122	ORBIT UNCERTAINTY AND SEA-SURFACE ALTIMETRY. REPORT NO. GSL-TR-70-5. FREDERICK C. JACKSON, NEW YORK UNIVERSITY, GEOPHYSICAL SCIENCES LAB., UNIVERSITY HEIGHTS, NEW YORK, N.Y. MARCH 1970, 35P. CONTRACT NOS. N62306-68-C-0249, AND N70-36237
NR-G8-HJ-138-01195	SOME CHARACTERISTICS OF TEMPERATURE MICROSTRUCTURE IN THE OCEAN. PEYTON MARSHALL MACGRUDER, JR., (M.S. THESIS), NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. APRIL 1970, 156P. MICROFICHE COPY. AD-710714 N71-10529
NR-G8-00-000-01197	CNOIDAL WAVE THEORY APPLIED TO RADIATION STRESS PHENOMENA. GEORGE MEREDITH MUSICK, III (M.S. THESIS), NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. APRIL 1970, 50P. MICROFICHE COPY. AD-710715 N71-10547
NR-G8-00-000-01228	REAL-TIME PROCESSING OF ACOUSTIC AND OCEANOGRAPHIC DATA AT SEA. REPORT NO. USL-1039. RAYMOND W. HASSE, AND ROBERT L. MARTIN, U.S. NAVY UNDERWATER SOUND LAB., OCEAN SCIENCES DIV., NEW LONDON, CONN. JUNE 1970, 29P. MICROFICHE COPY. AD-711598 N71-12165
NR-G8-00-000-01249	(THERMAL CRACKS IN SEA ICE, CRITICAL RICHARDSON NUMBER AND FRICTIONAL COUPLING BETWEEN AIR AND ICE, AND THE CREEP MECHANISM OF POLYCRYSTALLINE ICE.) ANNUAL REPORT, OCT. 68-SEPT. 69. REPORT NO. AR-1. NORBERT UNTERSTEINER, PHIL CHURCH, GARY MAYKUT, ET AL., UNIVERSITY OF WASHINGTON, DEPT. OF ATMOSPHERIC SCIENCES, SEATTLE, WASH. DEC. 1969, 28P. CONTRACT NO. N00014-67-A-0103-0007. MICROFICHE COPY. AD-699144 N70-24324

SUBJECT RELATED DOCUMENTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G8-00-000-01323	ON WIND WAVE INTERACTIONS. REPORT NO. TR-231-27. JIN WU, HYDRONAUTICS, INC., LAUREL, MARYLAND. NOV. 1969, 20P. CONTRACT NOS. NONR-3688(00), AND N00014-70-C-0345. MICROFICHE COPY. AD-712788 N71-13175
NR-G8-00-000-01329	SUMMAC - A NUMERICAL MODEL FOR WATER WAVES. REPORT NO. TR-135. ROBERT K.C. CHAN, AND ROBERT L. STREET, STANFORD UNIVERSITY, DEPT. OF CIVIL ENGINEERING, STANFORD, CALIF. AUG. 1970, 172P. CONTRACT NOS. NONR-225(71), AND GRANT NSF GK-2506. MICROFICHE COPY. AD-713444 N71-14848
NR-G8-00-000-01330	LABORATORY INVESTIGATIONS OF AIR-SEA INTERACTIONS. REPORT HSU, AND HSI YEN YU, STANFORD UNIVERSITY, DEPT. OF CIVIL NO. TR-137. EN YUN HSU, AND HSI YEN YU, STANFORD UNIV. 42P. CONTRACT NO. NONR-225(71), AND GRANT NSF GK-2506. MICROFICHE COPY. AD-713469 N71-15521
NR-G8-00-000-01332	REMOTE SENSING OF UNDERWATER SOUND. FINAL REPORT. REPORT NO. GIT-A-519-F. WAYNE K. RIVERS, GEORGIA INSTITUTE OF TECHNOLOGY, ENGINEERING EXPERIMENT STATION, ATLANTA, GA. OCT. 1970, 22P. CONTRACT NO. NONR-991(08). MICROFICHE COPY. AD-715132
NR-G8-00-000-01345	FEASIBILITY OF DETECTING OBJECTS BURIED IN THE SEA BOTTOM WITH LOVE WAVES. FINAL TECHNICAL REPORT, JUNE-OCT. 1970. REPORT NO. REPT. NO. 70-1. ALBERT A. HUDIMAC, SCIENTIFIC RESEARCH ASSOCIATES, INC., ROCKVILLE, MARYLAND. NOV. 1970, 87P. CONTRACT NO. N00014-70-C-0378. MICROFICHE COPY. AD-717087
NR-G8-00-000-01361	ELECTROMAGNETIC OF THE SEA, AGARD ELECTROMAGNETIC WAVE PROPAGATION PANEL SPECIALISTS CONFERENCE, PARIS, JUNE 1970, PROCEEDINGS. REPORT NO. AGARD-CP-77-70. ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, PARIS, FRANCE. NOV. 1970, 543P. MOSTLY ENGLISH, PARTLY IN FRENCH. N71-13701 THRU N71-13741
NR-G8-00-000-01383	ELECTROMAGNETIC SIMULATION OF MICROWAVE BACKSCATTER FROM THE OCEAN SURFACE - A FEASIBILITY STUDY. REPORT NOS. NASA-CR-98454, AND L-86-68-2. ROBERT B. WARD, LOCKHEED MISSILES AND SPACE CO., RESEARCH LAB., PALO ALTO, CALIF. JUNE 1968, 51P. MICROFICHE COPY. N69-28068
NR-G8-00-000-01386	JOINT CONFERENCE ON PREVENTION AND CONTROL OF OIL SPILLS, NEW YORK CITY, DEC. 1969, PROCEEDINGS. PUBLISHED BY AMERICAN PETROLEUM INSTITUTE, NEW YORK, 1970, 345P. MICROFICHE COPY. PB-194395 W70-10035
NR-G8-00-000-01411	EFFECTS OF LEAF NODAL POSITION ON ABSORPTION AND SCATTERING COEFFICIENTS AND INFINITE REFLECTANCE OF COTTON LEAVES, GOSSYPIUM HIRSUTUM, L. H.W. GAUSMAN, W.A. ALLEN, H. CARDENAS, AND A.J. RICHARDSON, USDA, WESLACO, TEXAS. IN AGRONOMY JOURNAL, VOL. 63, JAN.-FEB. 1971. PP.87-91. CONTRACT NO. R-09-038-002.
NR-G8-00-000-01418	PRELIMINARY INVESTIGATION OF THE EFFECT OF SURFACE FLUCTUATIONS ON SOUND AMPLITUDE IN GUIDED MODE PROPAGATION. WESLEY EARL JORDAN, JR. (MASTER'S THESIS), U.S. NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. DEC. 1970, 108P. MICROFICHE COPY. AD-717582

SUBJECT RELATED DOCUMENTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G8-00-000-01424	THE STATISTICS OF MICROWAVE SCATTERING FROM THE OCEAN. REPORT NOS. L-86-67-1, AND MFS-13777. F.H. MALTZ, LOCKHEED PALO ALTO RESEARCH LABORATORY, ELECTRONIC SCIENCES LABORATORY, PALO ALTO, CALIFORNIA. MAY 1967, 32P. CONTRACT NO. NAS8-20395.
NR-G8-00-000-01425	REMOTE DETERMINATION OF SEA CONDITIONS BY ELECTROMAGNETIC BACKSCATTER MEASUREMENT. REPORT NO. TECH. BRIEF 71-10027. F.M. MALTZ, NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, TECHNOLOGY UTILIZATION OFFICE, ALABAMA.
NR-G8-00-000-01426	WIND WAVES THEIR GENERATION AND PROPAGATION ON THE OCEAN SURFACE. BLAIR KINSMAN, DEPT. OF OCEANOGRAPHY, THE JOHNS HOPKINS UNIV., BALTIMORE, MD. PRENTICE-HALL, ENGLEWOOD CLIFFS, NEW JERSEY. 1965, 699P. \$19.95.
NR-G8-00-000-01432	SEA AND AIR - THE NAVAL ENVIRONMENT. JEROME WILLIAMS, JOHN J. HIGGINSON, JOHN D. ROHRBOUGH, UNITED STATES NAVAL INSTITUTE, ANNAPOLIS, MARYLAND. 1968, 363P. \$11.50.
NR-G8-GH-998-01439	OCEANS FROM SPACE - SYMPOSIUM, HOUSTON, TEXAS, 1968, PROCEEDINGS. PETER C. BADGLEY, LEATHA MILOY, AND LEO CHILDS, EDITORS. PUBLISHED BY GULF PUBLISHING COMPANY, HOUSTON, TEXAS. 1969, 234P. \$13.95.
NR-G8-00-000-01452	THE DISTRIBUTION OF ABSORBED RADIATION ON CONTINENTS AND OCEANS. REPORT NO. NLL-M.NO. 7875-(5828.4F). V.V. MUHENBERG, AND L.A. STROKINA. TRANSL. FROM - GLAVNAIA GEOFIZICHESKAYA OBSERVATORIIA (LENINGRAD) TRUDY, VYPUSK 193, 1967. PP.37-43. NT0-22290
NR-G8-00-000-01459	INTERFACE BETWEEN SEA BOTTOM INSTRUMENTS FOR SATELLITES. FINAL REPORT. HAROLD A. TITUS, UNIV. OF CALIFORNIA, INSTITUTE OF GEOPHYSICS AND PLANETARY PHYSICS, SAN DIEGO, CALIF. JAN. 1971, 21P. CONTRACT NO. N00014-70-C-0343. MICROFICHE COPY. AD-717966
NR-G8-00-000-01489	THE DYNAMICS OF THE UPPER OCEAN. O.M. PHILLIPS, JOHNS HOPKINS UNIV., BALTIMORE, MARYLAND. CAMBRIDGE UNIVERSITY PRESS, NEW YORK, LONDON. 1966, 268P. \$9.50.
NR-G8-00-000-01492	PHYSICAL OCEANOGRAPHY. IN 2 VOLUMES. ALBERT DEFANT, UNIVERSITY OF INNSBRUCK, AUSTRIA. PERGAMON PRESS, NEW YORK. 1960-61, 2 VOLS., 745 AND 607P. \$35/SET.
NR-G8-00-000-01494	OPTICAL OCEANOGRAPHY. N.G. JERLOV, UNIVERSITY OF COPENHAGEN, COPENHAGEN, DENMARK. ELSEVIER PUBLISHING COMPANY, NEW YORK. 1968, 207P. \$13.50.
NR-G8-00-000-01508	STUDIES ON OCEANOGRAPHY. A COLLECTION OF PAPERS DEDICATED TO KOJI HIDAKA. KOZO YOSHIDA, EDITOR, ADDRESS UNKNOWN. UNIVERSITY OF WASHINGTON PRESS, SEATTLE. AMERICAN EDITION 1965, 573P. \$20.00. MOSTLY ENGLISH, SOME JAPANESE, GERMAN, RUSSIAN.
NR-G8-00-000-01510	FISHERIES OCEANOGRAPHY. NEW OCEAN ENVIRONMENTAL SERVICES. TAIVO LAEVASTU, AND ILMO HELA. FISHING NEWS (BOOKS) LTD., LONDON, E.C.4. 1970, 253P. \$13.80.
NR-G8-00-000-01513	OCEAN WAVE STATISTICS. A STATISTICAL SURVEY OF WAVE CHARACTERISTICS ESTIMATED VISUALLY FROM VOLUNTARY OBSERVING SHIPS SAILING ALONG THE SHIPPING ROUTES OF THE WORLD. N. HOBGEN, NATIONAL PHYSICAL LABORATORY, MINISTRY OF TECHNOLOGY, AND F.E. LUMB, METEOROLOGICAL OFFICE. HER MAJESTY'S STATIONERY OFFICE, LONDON. 1967, 276P. 34X43 CM. \$21.60.



SUBJECT RELATED DOCUMENTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G8-00-000-01532	ALBUM OF AERIAL PHOTOGRAPHS OF ICE FORMATIONS OF SEAS. REPORT NOS. NOO-TRANS-138, AND TT-62-24067. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1961, 106P. TRANSL. OF RUSSIAN MONOGRAPH - ALBOM AEROFOTOSNIMKOV LEDOVYKH OBRAZOVANII NA MORYAKH, GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT, LENINGRAD 1960. PP.1-224. MICROFICHE COPY. AD-720478
NR-G8-00-000-01536	A COMPUTER PROGRAM TO ESTIMATE THE COMBINED EFFECT OF REFRACTION AND DIFFRACTION OF WATER WAVES. FINAL TECHNICAL REPORT. REPORT NOS. RAMU-SG-70-219, AND COE-127. HENRY W. WORTHINGTON (M.S. THESIS), AND JOHN B. HERBICH, TEXAS A AND M UNIV., COASTAL AND OCEAN ENGINEERING DIV., COLLEGE STATION, TEXAS. AUG. 1970, 66P. \$4.00. CONTRACT NO. NSF GRANT GH-59. MICROFICHE COPY. PB-194668 N71-16995
NR-G8-00-000-01555	IN-WATER PHOTOGRAPHY - THEORY AND PRACTICE. LAWRENCE E. MERTENS, RCA SERVICE COMPANY. JOHN WILEY AND SONS, NEW YORK. 1970, 405P. \$19.95.
NR-G8-00-000-01557	OCEAN CURRENTS. G. NEUMANN, DEPT. OF METEOROLOGY AND OCEANOGRAPHY, NEW YORK UNIVERSITY, BRONX. ELSEVIER PUBLISHING COMPANY, NEW YORK. 1968, 363P. \$20.
NR-G8-00-000-01607	ECONOMIC BENEFITS FROM OCEANOGRAPHIC RESEARCH. A SPECIAL REPORT OF THE COMMITTEE ON OCEANOGRAPHY NAS/NRC. NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. 1964, 57P. \$2.

## SECTION G9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00006	DETERMINING SURFACE TEMPERATURE AND CLOUD TEMPERATURE FROM METEOROLOGICAL EARTH SATELLITES. K. YA. KONDRATYEV, ET AL., USSR, 1966. TRANSLATION OF GLOVNOYAYA GEOFIZICHESKAYA OBSERVATORIIYA, LENINGRAD. TRUDY, N. 196, PP.3-23, 1966. MICROFICHE COPY.
NR-G9-00-000-00018	THE DIRECTIONAL SPECTRUM OF A WIND GENERATED SEA AS DETERMINED FROM DATA OBTAINED BY THE STEREO WAVE OBSERVATION PROJECT. WILLARD J. PIERSON, JR., ET AL. NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING, METEOROLOGICAL PAPERS, VOL. 2, NO. 6. JUNE 1960. CONTRACT NO. NONR-285(03).
NR-G9-00-000-00019	THE EFFECTS OF EDDY VISCOSITY, CORIOLIS DEFLECTION, AND TEMPERATURE FLUCTUATION ON THE SEA BREEZE AS A FUNCTION OF TIME AND HEIGHT. WILLARD J. PIERSON, JR., NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING. METEOROLOGICAL PAPERS, VOLUME 1, NUMBER 2. JANUARY 1950. CONTRACT NO. NONR-285(03).

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00023	THEORETICAL AND OBSERVED RESULTS FOR THE ZERO AND ORDINATE CROSSING PROBLEMS OF STATIONARY GAUSSIAN NOISE WITH APPLICATION TO PRESSURE RECORDS OF OCEAN WAVES WILLARD J. PIERSON, JR., RAYMOND STEVENS, LEO J. TICK, SLYVAIN EHRENFELD, NATHANIEL R. GOODMAN, SYEMOUR KAPLAN, AND EMANUEL MEHR, NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING, RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY AND ENGINEERING STATISTICS GROUP. DECEMBER 1958. CONTRACT NO. NOBS 72018 (1734F).
NR-G9-00-000-00024	THE APPARENT LOSS OF COHERENCY IN VECTOR GAUSSIAN PROCESSES DUE TO COMPUTATIONAL PROCEDURES WITH APPLICATION TO SHIP MOTIONS AND RANDOM SEAS. WILLARD J. PIERSON, JR., AND JOHN P. DALZELL, NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING, RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY. SEPTEMBER 1960. CONTRACT NOS. NONR-285(17) AND NONR-263(09).
NR-G9-00-000-00025	MODELS OF RANDOM SEAS BASED ON THE LAGRANGIAN EQUATIONS OF MOTION. WILLARD J. PIERSON, JR., NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING, RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY. AUGUST 1966. CONTRACT NO. NONR-285(03).
NR-G9-00-000-00026	ON THE PHASES OF THE MOTIONS OF SHIPS IN CONFUSED SEAS WILLARD J. PIERSON, JR., NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING, RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY. TECHNICAL REPORT NO. 9. NOVEMBER 1957. CONTRACT NO. NONR-285(17).
NR-G9-HJ-000-00027	THE ACCURACY OF PRESENT WAVE FORECASTING METHODS WITH REFERENCE TO PROBLEMS IN BEACH EROSION ON THE NEW JERSEY AND LONG ISLAND COASTS. WILLARD J. PIERSON, JR., COLLEGE OF ENGINEERING, NEW YORK UNIVERSITY, RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY. NOVEMBER 1950. CONTRACT NO. NONR-285(03).
NR-G9-00-000-00028	THE AVERAGE HORIZONTAL WIND DRIVEN MASS TRANSPORT OF THE ATLANTIC FOR FEBRUARY AS OBTAINED BY NUMERICAL METHODS. D. M. GARNER, G. NEUMANN, AND W. J. PIERSON, JR., NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING, RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY. DECEMBER 1962. CONTRACT NO. NONR-285(03).
NR-G9-00-000-00029	WAVE SPECTRA ESTIMATED FROM WAVE RECORDS OBTAINED BY THE OWS WEATHER EXPLORER AND OWS WEATHER REPORTER (1). L. MOSKOWITZ, W. J. PIERSON, AND E. MEHR, NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING, RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY. NOVEMBER 1962. CONTRACT NO. N62306-1042. STAR N65-82026.
NR-G9-GH-128-00047	THE MISSISSIPPI RIVER AND THE GULF OF MEXICO. LCDR DON WALSH, USN, TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. JULY 8, 1967. PUBLISHED APRIL 1967. CONTRACT NUMBER NONR 2119(04).
NR-G9-GH-000-00050	REFLECTIONS OF THE SEA SURFACE TEMPERATURE FIELD IN LOW LEVEL CLOUD DEVELOPMENT: AN OBSERVATIONAL AIR-SEA INTERACTION STUDY FROM SPACE. JAMES E. ARNOLD, TEXAS A + M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY PRELIMINARY REPORT, APRIL 1967. CONTRACT NO. NONR-2119(04).
NR-G9-PD-000-00057	SOME EXPERIENCE WITH A RADIATION THERMOMETER OVER THE AGULHAS CURRENT. T.F.W. HARRIS AND C.C. STAVROPOULOS, NATIONAL INSTITUTE FOR WATER RESEARCH, (CSIR), SOUTH AFRICA. PUBLISHED IN SOUTH AFRICAN JOURNAL OF SCIENCE, VOL. 63, NO. 4, APRIL 1967. PP.132-136.



TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-QJ-000-00058	RADIOMETRIC AND SPECTROMETRIC ANALYSES OF BOTTOM SEDIMENTS ON BOARD SHIP. V.I. MOROZOV, YE. N. NEVSKIIY, ET AL., P.P. SHIRSHOV INSTITUTE OF OCEANOLOGY, USSR ACADEMY OF SCIENCES. PUBLISHED IN OCEANOLOGY OF THE ACADEMY OF SCIENCES OF THE USSR, VOL. 9, NO. 3, 1969. PP.426-430.
NR-G9-RJ-000-00059	SOME RESULTS OF THE USE OF THE DOPPLER EFFECT FOR REMOTE SENSING OF SEA WAVES. V.V. VINOGRADOV AND N.N. LAZARENKO, STATE OCEANOGRAPHIC INSTITUTE, LENINGRAD DIVISION, USSR. PUBLISHED IN OCEANOLOGY OF THE ACADEMY OF SCIENCES OF THE USSR, VOL. 9, NO. 3, 1969. PP.414-421.
NR-G9-00-000-00069	PROCESSING OF SATELLITE INFRARED DATA FOR SEA SURFACE TEMPERATURE DETERMINATION. JAMES R. GREAVES AND JAMES H. WILLAND. ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. JANUARY 1967. CONTRACT NO. NASW-1157. STAR N68-14108.
NR-G9-00-000-00071	SPACECRAFT OCEANOGRAPHY PROJECT. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. PREPARED BY THE PHILCO CORPORATION, SPACE AND RE-ENTRY SYSTEMS DIVISION, PALO ALTO, CALIFORNIA. JULY 1967. CONTRACT NO. N62306-2141. FOUR REPORTS. SPOC-TN 1. OBSERVATIONS FROM SATELLITES: POTENTIAL IMPACT ON THE UNITED STATES FISHERY, BY J.A. CRUTCHFIELD. SPOC-TN 2. SOME CONSIDERATIONS AFFECTING SATELLITE DATA CONTRIBUTIONS TO FISHERIES, BY E.H. COUGHRAN AND R.H. SULLIVAN. SPOC-TN 3. SEA SURFACE EFFECTS AND CONSIDERATIONS RELATED TO REMOTE SENSING FROM ORBITING SATELLITES, BY A.C. DUXBURY. SPOC-TN 4. STATE OF THE ART: ALL-WEATHER SEA SURFACE SENSING BY R.H. VANHAAGEN.
NR-G9-00-000-00072	ON THE GROWTH OF THE SPECTRUM OF A WIND GENERATED SEA ACCORDING TO A MODIFIED MILES-PHILLIPS MECHANISM AND ITS APPLICATION TO WAVE FORECASTING. GEOPHYSICAL SCIENCES LABORATORY TR-67-5. TOKUJIRO INOUE. GEOPHYSICAL SCIENCES LABORATORY, SCHOOL OF ENGINEERING AND SCIENCE, NEW YORK UNIVERSITY. JULY 1967. CONTRACT NO. N62306-1589.
NR-G9-FH-128-00074	GROUND TRUTH REQUIREMENTS FOR REMOTE SENSING OF OCEANOGRAPHIC FEATURES. JAMES E. ARNOLD, LUIS R.A. CAPURRO, JACK F. PARIS, AND DON WALSH. DEPARTMENT OF OCEANOGRAPHY, TEXAS A+M UNIVERSITY. NOVEMBER 22, 1967. CONTRACT NO. NONR 2119(04). STAR N68-19951.
NR-G9-EJ-998-00091	SPACE PHOTOGRAPHS OF THE EARTH IN THE STUDY OF GEOTECTONICS. ERWIN Y. KEDAR, NASA/MANNED SPACE FLIGHT CENTER, HOUSTON, TEXAS. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969. PAPER AAS 69-579. MICROFICHE AND HARD COPY.
NR-G9-00-000-00096	POTENTIAL USE OF EARTH SATELLITES FOR SOLVING PROBLEMS IN OCEANOGRAPHY AND HYDROLOGY. E. PAUL MC CLAIN, ESSA/ENVIRONMENTAL SCIENCE GROUP, WASHINGTON, D.C. AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969. PAPER AAS 69-596. MICROFICHE COPY.
NR-G9-00-000-00097	SYNOPTIC OCEANOGRAPHY - REMOTE SENSING STUDIES OF THE OCEAN. JOHN W. SHERMAN, III, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. PUBLISHED IN AMERICAN ASTRONAUTICAL SOCIETY, JUNE 1969, DENVER, COLORADO. A69-42822

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-GJ-000-00098	TETHERED BALLOON FOR STUDY OF COASTAL DYNAMICS. COASTAL STUDIES INSTITUTE, TR-66. CHOLLE J. SONU, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA. JUNE 1969. CONTRACT NUMBER NONR-1575(03). REPRINTED FROM SYMPOSIUM ON EARTH OBSERVATIONS FROM BALLOONS, AMERICAN SOCIETY OF PHOTOGRAMMETRY, WASHINGTON, D.C. FEB. 1969. MICROFICHE AND HARD COPY. STAR N70-12791.
NR-G9-GJ-000-00099	WHERE MOST GRAINS OF VERY COARSE SAND AND FINE GRAVEL ARE DEPOSITED. COASTAL STUDIES INSTITUTE, TR-68. RICHARD J. RUSSELL, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA. JULY 1968. CONTRACT NO. NONR-1575(03). REPRINTED FROM SEDIMENTOLOGY, VOL. 11, 1968. PP.31-38. MICROFICHE COPY. STAR N70-12791.
NR-G9-00-000-00105	INFRARED CHARACTERISTICS OF OCEAN WATER (1.5-15 MICROMETER) REPORT NO. NRL-6736. D. FRIEDMAN, NAVAL RESEARCH LAB., WASHINGTON, D.C. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 10, OCT. 1969. PP.2073-2078.
NR-G9-HJ-138-00106	OCEAN CURRENT AND SEA SURFACE TEMPERATURE OBSERVATIONS FROM METEOROLOGICAL SATELLITES. NASA TN-D-5142. GUENTER WARNECKE, LARRY M. McMILLIN, AND LEWIS J. ALLISON, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. NOVEMBER 1969. STAR N70-16237.
NR-G9-00-000-00114	DIRECTIONAL RADIANCE (LUMINANCE) OF THE SEA SURFACE. REPORT NO. SIO-REF-69-20. JACQUELINE I. GORDON, SCRIPPS INSTITUTION OF OCEANOGRAPHY, SAN DIEGO, CALIFORNIA. OCTOBER 1969. CONTRACT NO. N00024-68-C-1100. STAR N70-19697.
NR-G9-00-000-00128	ORBIT CONSIDERATIONS FOR RADAR IMAGERY OF ARCTIC SEA ICE. REPORT NO. CRES TM 137-1. RALPH W. GERCHING, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS, MARCH 1968. CONTRACT NO. N00 N62306-67-C-0044.
NR-G9-00-000-00164	A WAVE METHOD FOR DETERMINING DEPTHS OVER BOTTOM DISCONTINUITIES. TECHNICAL MEMORANDUM NO. 5. MARTIN A. MASON AND G.H. KEULEGAN, ARMY CORPS OF ENGINEERS, WASHINGTON, D.C. MAY 1944. MICROFICHE COPY.
NR-G9-00-000-00166	SOME BIOLOGICAL OBSERVATIONS ON THE WHITE WHALE FROM THE AIRCRAFT. V.M. BELKOVICH, USSR. TRANSLATED FROM ZOOLOGICHESKIY ZHURNAL, VOL. 39, NO. 9, MOSCOW, 1960. PP.1414-1422. MICROFICHE COPY. STAR N70-12151.
NR-G9-00-000-00168	AN OCEAN-ATMOSPHERE INTERACTION EXPERIMENT FOR THE ARCTIC. A.F. TRESHNIKOV, ET AL., USSR. TRANSLATED FROM PROBLEMY ARKTIKI I ANTARKTIKI (SSSR), NO. 28, 1968. MICROFICHE COPY.
NR-G9-00-000-00179	ON THE QUESTION OF LOW-LEVEL CLOUD RESPONSE TO THE TEMPERATURE FIELD OF THE SEA SURFACE. JAMES E. ARNOLD, TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. SEPTEMBER 1968. CONTRACT NUMBER NONR 2119(04).
NR-G9-GJ-000-00189	TIDAL INLETS AND WASHOVER FANS. J.W. PIERCE, DIVISION OF SEDIMENTOLOGY, SMITHSONIAN INSTITUTION, WASHINGTON, D.C. PUBLISHED IN JOURNAL OF GEOLOGY, VOL. 78, NO. 2, MARCH 1970. PP.230-234.
NR-G9-GK-000-00192	USE OF NIMBUS II APT TO DETERMINE THE RATE OF ICE DISINTEGRATION AND DISPERSION IN HUDSON BAY. NASA CR-106478. REPORT NO. 9G45-31. CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. MARCH 1969. CONTRACT NUMBER NAS5-10343. STAR N69-41162

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00195	THE PHOTOGRAPHY FROM SPACE OF OCEANOGRAPHIC FEATURES. ROBERT E. STEVENSON, ET AL., BUREAU OF COMMERCIAL FISHERIES, GALVESTON, TEXAS. PUBLISHED IN MARINE SCIENCES INSTRUMENTATION, VOL. 4, 1968. PP.314-318. PRESENTED AT THE NATIONAL INSTRUMENT SOCIETY OF AMERICA, COCOA BEACH, FLA. JAN. 1968, PROCEEDINGS.
NR-G9-DJ-998-00196	STUDY OF THE REMOTE MEASUREMENT OF OCEAN COLOR. FINAL RPT. NASA CR-100294. RICHARD C. RAMSEY, TRW SYSTEMS GROUP, REDONDO BEACH, CALIFORNIA. JAN. 1968. CONTRACT NUMBER NASW-1658. STAR N69-19618
NR-G9-HJ-998-00199	SOME ASPECTS OF REMOTE SENSING AS APPLIED TO THE OCEAN. V.E. NOBLE, R.D. KETCHUM, ET AL., U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. PUBLISHED IN IEEE PROCEEDINGS, VOL. 57, NO. 4, APRIL 1969. PP.594-604.
NR-G9-00-000-00205	A NOTE ON MULTIPLE IMAGE PHOTO-MOSAICS FOR THE SOUTHERN HEMISPHERE. N.A. STRETEN, ALASKA, UNIVERSITY, GEOPHYSICAL INSTITUTE, COLLEGE, ALASKA. PUBLISHED IN AUSTRALIAN METEOROLOGICAL MAGAZINE, VOL. 16, DEC. 1968. PP.127-136. MICROFICHE COPY.
NR-G9-GH-000-00206	PROOF TEST OF WATER TRANSPARENCY METHOD OF DEPTH DETERMINATION. REPORT NO. TM-9, ENGINEERING NOTES-29. J.V. HALL, JR., U.S. ARMY CORPS OF ENGINEERS, WASHINGTON, D.C. JULY 1948. MICROFICHE COPY.
NR-G9-00-000-00207	MEASUREMENT OF OCEAN WAVES IN A SATELLITE PHOTOGRAPH. L.M. LIBBY, ET AL., UNIVERSITY OF COLORADO, BOULDER, COLO., OCT. 1969. MICROFICHE COPY. STAR N70-18317.
NR-G9-KJ-000-00213	FLUORESCENCE EXCITATION AND EMISSION SPECTRA OF DISSOLVED ORGANIC MATTER IN SEA WATER. EUGENE D. TRAGANZA, U.S. NAVAL ACADEMY, ANNAPOLIS, MARYLAND. PUBLISHED IN BULLETIN OF MARINE SCIENCE, VOL. 19, NO. 4, DEC. 1969. PP.897-904.
NR-G9-HJ-138-00214	PHYSICAL OCEANOGRAPHY FEASIBILITY STUDY UTILIZING NIMBUS II HRIR SATELLITE DATA. FINAL REPORT. FRED M. VUKOVICH, RESEARCH TRIANGLE INSTITUTE, DURHAM, N.C. AND JACKSON O. BLANTON, DUKE UNIVERSITY, DURHAM, N.C. JULY 1969. STAR N70-13239.
NR-G9-00-000-00224	RADAR ALTIMETRY FROM A SPACECRAFT AND ITS POTENTIAL APPLICATIONS TO GEODESY AND OCEANOGRAPHY. GEOPHYSICAL SCIENCES LABORATORY TR-67-3. J. ARTHUR GREENWOOD, ET. AL., NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY, NEW YORK CITY, NEW YORK. MAY 1967. CONTRACT NUMBER N62306-1589.
NR-G9-00-000-00229	INVESTIGATION OF VISIBLE REGION INSTRUMENTATION FOR OCEANOGRAPHIC SATELLITES, VOL. 1. RE-31. A.C. CONROD, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, EXPERIMENTAL ASTRONOMY LABORATORY, CAMBRIDGE, MASS. JULY 1967. CONTRACT NUMBER N62306-2082.
NR-G9-GH-162-00230	AERIAL PHOTOGRAPHY FOR SHALLOW WATER STUDIES ON THE WEST EDGE OF THE BAHAMA BANKS. RE-42. A. CONROD, M. KELLY AND A. BOERSMA, EXPERIMENTAL ASTRONOMY LABORATORY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASSACHUSETTS. NOVEMBER 1968. CONTRACT NUMBER N62306-2082.
NR-G9-00-000-00239	AIRBORNE RADIATION THERMOMETER (FRB-2). FISHERIES RESEARCH BOARD OF CANADA, MANUSCRIPT REPORT SERIES (OCEANOGRAPHIC AND LIMNOLOGICAL) NO. 188. M. PIRART, J. CARSWELL, D. OLIVER, AND W.H. BELL, PACIFIC OCEANOGRAPHIC GROUP, FISHERIES RESEARCH BOARD OF CANADA, NANAIMO, B.C., CANADA. MARCH 1965

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00241	THE THEORY OF RADAR SCATTER FROM THE OCEAN. CRES TECHNICAL REPORT 112-1. RICHARD C. CHIA, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1968. CONTRACT NUMBERS NSF GK 1153 AND N62306-67-C-0044.
NR-G9-00-000-00253	MICROWAVE RADIOMETRY AND ITS APPLICATIONS TO MARINE METEOROLOGY AND OCEANOGRAPHY. JACK F. PARIS, TEXAS A+M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. JANUARY 1969. CONTRACT NUMBER NONR 2119(04). N69-31076. NASA-CR-103227. MICROFICHE AND HARD COPY.
NR-G9-00-000-00259	A STUDY OF CLOUD PATTERNS OBSERVED FROM ESSA 3 SATELLITE PHOTOGRAPHS, AND THEIR RELATIONSHIP TO SEA SURFACE TEMPERATURES IN THE EASTERN GULF OF MEXICO. REPORT NO. IR 68-118. WILLIAM T. MORTON, U.S. NAVY, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. OCTOBER 1968. CONTRACT NO. ZR-011-01 6.11.01N 691-XE(2).
NR-G9-00-000-00288	SPACECRAFT RADAR AS A MEANS FOR STUDYING THE ANTARCTIC. CRES REPORT 61-4. D.S. SIMONETT AND D.A. BROWN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. A PAPER PRESENTED TO VII CONGRESS INTERNATIONAL QUATERNARY ASSOCIATION, BOULDER, COLORADO, SEPTEMBER 1965. STAR X66-35972.
NR-G9-00-000-00289	REMOTE SENSING FROM SPACECRAFT AS A TOOL FOR INVESTIGATING ARCTIC ENVIRONMENTS. CRES REPORT 61-5. D.S. SIMONETT AND S.A. MORAIN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. A PAPER PRESENTED TO VII CONGRESS INTERNATIONAL QUATERNARY ASSOCIATION, BOULDER, COLORADO, SEPTEMBER 1965. STAR X66-35946.
NR-G9-00-000-00308	AN INDEX OF OCEAN FEATURES PHOTOGRAPHED FROM GEMINI SPACECRAFT. ROBERT E. STEVENSON AND RUTH M. NELSON, BUREAU OF COMMERCIAL FISHERIES, CONTRIBUTION NO. 253, GALVESTON, TEXAS. JANUARY 1968. CONTRACT NO. N 62306-67-D-0123.
NR-G9-00-000-00321	MEASURING SEA STATE AND ESTIMATING SURFACE WINDS FROM A POLAR ORBITING SATELLITE. R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS, AND W.J. PIERSON, NEW YORK UNIVERSITY, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY, NEW YORK CITY, NEW YORK. CONTRACT NUMBERS N62306-1589, NSR-17-004-003, NSG-298 AND NSF GP-2259. PUBLISHED IN INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC SENSING OF THE EARTH FROM SATELLITES MIAMI BEACH, FLORIDA, NOVEMBER 22-24, 1965.
NR-G9-00-000-00333	FROM SPACE- NEW TOOL FOR STUDYING OCEAN WEATHER. ROBERT E. STEVENSON, BUREAU OF COMMERCIAL FISHERIES, BIOLOGICAL LABORATORY, GALVESTON, TEXAS. PUBLISHED IN OCEAN INDUSTRY, V.4, NO.3, MARCH 1969, P 51-55.
NR-G9-DK-000-00350	THE RELATIONSHIP BETWEEN ATMOSPHERIC LIGHT SCATTERING COEFFICIENTS AND VISIBILITY. HELMUTH HORVATH AND KENNETH E. NOLL, UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON. PUBLISHED IN ATMOSPHERIC ENVIRONMENT, VOL. 3, SEPT. 1969. PP.543-550. A70-18923.
NR-G9-00-000-00352	REMOTE SENSING OF THE SEA CONDITIONS WITH MICROWAVE RADIO-METER SYSTEMS. J.C. AUKLAND, ET AL., SPECTRAN, INC., DOWNEY, CALIFORNIA. PUBLISHED IN ATAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. PAPER NO.70-318. A70-22869 MICROFICHE COPY.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-HJ-138-00353	OCEAN AND WATER SURFACE TEMPERATURE MEASUREMENTS USING INFRARED REMOTE SENSING TECHNIQUES FROM AIRBORNE PLATFORMS. MORRIS WEISS, BARNES ENGINEERING CO., STAMFORD, CONN. PUBLISHED IN AIAA, THERMOPHYSICS CONFERENCE, 4TH, SAN FRANCISCO, CALIFORNIA. JUNE 1969, PAPER NO.69-590. A69-33286. MICROFICHE COPY.
NR-G9-00-000-00367	COMBINED AERIAL AND SHIPBOARD UPWELLING STUDY IN THE BENGUELA CURRENT. W.R.H. ANDREWS, DIV. OF SEA FISHERIES, SEA POINT, CAPE TOWN, SOUTH AFRICA, AND D.L. CRAM, CSIR, OCEANOGRAPHIC RESEARCH UNIT, UNIVERSITY OF CAPE TOWN, SOUTH AFRICA. PUBLISHED IN NATURE, VOL. 224, NO. 5222, NOV. 1969. PP.902-904.
NR-G9-00-000-00393	OCEAN-BOTTOM SEISMOGRAPH. R.A. ARNETT AND T.W. NEWHOUSE, TEXAS INSTRUMENTS INC., DALLAS, TEXAS. PUBLISHED IN PROCEEDINGS OF THE IEEE, V.53, NO.12, DECEMBER 1965, P.1899-1905.
NR-G9-00-000-00401	A RADIOISOTOPE TECHNIQUE FOR TRACING AIR MOVEMENTS IN CLEAR AIR AND IN CLOUDS. R.A. FOKES AND J.S. WATT, ISOTOPES DIV. AUSTRALIAN ATOMIC ENERGY COMMISSION. J.A. WARBURTON, RADIO-PHYSICS DIV., C.S.I.R.O. SYDNEY. PUBLISHED IN NATURE, VOL. 196, OCTOBER 1962. PP.328-329.
NR-G9-HJ-138-00413	AN OCEANOGRAPHIC AIRCRAFT. REPORT NO. IR NO. 66-26. JOHN J. SCHULE, JR., RESEARCH AND DEVELOPMENT DEPT., AND JOHN C. WILKERSON, OCEANOGRAPHIC REDICTION DIV., MARINE SCIENCES DEPT., NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. JAN. 1967, 14P.
NR-G9-00-000-00428	THE TRANSPORT OF TRACE SUBSTANCES IN THE ATMOSPHERE AND THEIR IMPLICATIONS FOR THE GENERAL CIRCULATION OF THE STRATOSPHERE. REGINALD E. NEWELL, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. CONTRACT NUMBERS AT(30-1) 2241 AND AF 19(604) 5223. REPRINT FROM GEOPHYSICA PURA E APPLICATA 49, PP.137-158, (1961/IT).
NR-G9-00-000-00431	AN EVALUATION OF SEA SURFACE TEMPERATURE AS MEASURED BY THE NIMBUS I HIGH RESOLUTION INFRARED RADIOMETER. TN D-4078. LEWIS J. ALLISON AND JAMES S. KENNEDY, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. NOVEMBER 1967. STAR N68-10222.
NR-G9-00-000-00437	DEVELOPMENT OF UNDERWATER RESEARCH. B.P. MANTEYFEL, MOSCOW, 1965. TECHNICAL TRANSLATION 67-31170. JOINT PUBLICATIONS RESEARCH SERVICE, 40,526, APRIL 5, 1967. STAR N67-83715.
NR-G9-00-000-00439	RADIATION AND ASSOCIATED OBSERVATIONS MADE ON INDIAN OCEAN CRUISES. I. CRUISES DURING 1962. TECHNICAL PAPER NO. 16, E.L. DEACON AND J. STEVENSON, COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, MELBOURNE, AUSTRALIA. 1968. STAR N68-34257
NR-G9-HJ-998-00444	AIRBORNE OCEANOGRAPHY. JOHN WILKERSON, U.S. NAVAL OCEANOGRAPHIC OFFICE. PUBLISHED IN GEO-MARINE TECHNOLOGY, VOL. 2, NO. 8, SEPT. 1966. PP.9-15.
NR-G9-00-000-00447	ATTENUATED TOTAL REFLECTANCE INFRARED ANALYSIS OF AQUEOUS SOLUTIONS. BERNARD KATLAFSKY AND ROBERT E. KELLER, RESEARCH DEPT., ORGANIC CHEMICALS DIV., MONSANTO CHEMICAL CO. ST. LOUIS, MISSOURI. PUBLISHED IN ANALYTICAL CHEMISTRY, VOL. 35 NO. 11, OCT. 1963. PP.1665-1670.
NR-G9-GH-162-00448	OCEANOGRAPHY FROM SPACE. L.R.A. CAPURRO, TEXAS A+M UNIV., DEPT. OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. REPRINT FROM BOLLETTINO DI GEOPHYSICA TEORICA ED APPLICATA, VOL. IX, NO. 33, MARCH 1967. PP.3-16.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-BL-093-00454	ARCTIC ICE TYPE IDENTIFICATION BY RADAR. J.W. ROUSE, JR., TEXAS A + M UNIVERSITY, COLLEGE STATION, TEXAS. REPRINTED FROM PROCEEDINGS OF THE IEEE, VOL. 57, NO. 4, APRIL, 1969 P.605-611. CRES TR 121-3, AD-688 936 SAME AS CRES TR 121-1.
NR-G9-HJ-138-00458	OBSERVATIONS OF SEA SURFACE TEMPERATURE AND OCEAN CURRENTS FROM NIMBUS II. GUENTER WARNECKS, LEWIS J. ALLISON, AND LONNIE L. FOSHEE, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. AUGUST 1967. STAR N68-34261.
NR-G9-00-000-00459	A SURVEY OF THE EXPERIMENTAL VALUES OF THE ABSORPTION COEFFICIENT OF WATER IN THE INFRARED. REPORT NO. F-67-4. H. ZEMEL, NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING, RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY. APRIL 1967. RESEARCH GRANT NGR-33-016-067. STAR X67-36976.
NR-G9-00-000-00467	APPLICATIONS OF REMOTE SENSING TO EXPLORATION FOR OFFSHORE GOLD. CASE 630. W.L. SMITH, BELLCOMM, INC., WASHINGTON, D.C. SEPTEMBER 1969.
NR-G9-GH-998-00478	EXPERIMENTS IN OCEANOGRAPHIC AEROSPACE PHOTOGRAPHY. I BEN FRANKLIN SPECTRAL FILTER TESTS. REPORT NO. TR-DA2108. D.S. ROSS, SPACE AND RE-ENTRY SYSTEMS DIVISION, PHILCO-FORD CORP., PALO ALTO, CALIFORNIA. 29 AUGUST 1969. CONTRACT NO. N62306-69-C-0072.
NR-G9-EN-099-00480	MICROWAVE DETECTION OF PRECIPITATION OVER THE SURFACE OF THE OCEAN. S.F. SINGER AND G.F. WILLIAMS, JR., INSTITUTE OF ATMOSPHERIC SCIENCE, UNIVERSITY OF MIAMI, CORAL GABLES, FLA. REPRINT FROM JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 73, NO. 10, MAY 15, 1968. PP.3325-3327.
NR-G9-00-000-00481	AERIAL MEASUREMENT OF RADIATION TEMPERATURES OVER MT. FUJI AND TOKYO AREAS AND THEIR APPLICATION TO THE DETERMINATION OF GROUND AND WATER-SURFACE TEMPERATURES. SATELLITE AND MESOMETEOROLOGY RESEARCH PROJECT, PAPER NO. 72. TETSUYA FUJITA, DEPARTMENT OF THE GEOPHYSICAL SCIENCES, THE UNIVERSITY OF CHICAGO, AND KIYOSHI TSUCHIYA, JAPAN METEOROLOGICAL AGENCY. MARCH 1968. CONTRACT NUMBERS CWB WBG-34, NSG 333 AND NSF GF-225. STAR N68-34246.
NR-G9-00-000-00491	SEA SURFACE TEMPERATURE MEASUREMENTS FROM SATELLITES. P. KRISHNA RAO, ENVIRONMENTAL SCIENCE SERVICE ADMINISTRATION, WASHINGTON, D.C. REPRINTED FROM MARINERS WEATHER LOG, VOL. 12, NO. 5, SEPT. 1968. PP.152-154.
NR-G9-GH-162-00492	PHOTOGRAPHIC AND SPECTRAL FACTORS AFFECTING DEPTH ANALYSIS BY COLOR VARIATION. DONALD S. ROSS, PHILCO-FORD CORP., SPACE AND RE-ENTRY SYSTEMS DIV., PALO ALTO, CALIF., JANUARY 1968. PRESENTED AT THE NINTH MEETING, AD HOC SPACECRAFT OCEANOGRAPHY ADVISORY GROUP. TEXAS A + M UNIVERSITY, COLLEGE STATION, TEXAS.
NR-G9-00-000-00495	OCEANOGRAPHIC APPLICATIONS OF RADAR ALTIMETRY FROM A SPACECRAFT. A. NATHAN, G. NEUMANN, W.J. PIERSON, ET AL., NEW YORK UNIVERSITY, DEPT. OF METEOROLOGY AND OCEANOGRAPHY, BRONX, N.Y. CONTRACT NO. N62306-1589. REPRINT FROM REMOTE SENSING OF ENVIRONMENT 1, 1969. PP.71-80.
NR-G9-DJ-998-00497	SPECTRORADIOMETRI CHARACTERISTICS OF NATURAL LIGHT UNDER WATER. RAYMOND C. SMITH AND JOHN E. TYLER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIFORNIA. REPRINTED FROM JOURNAL OF OPTICAL SOCIETY, VOL. 57, NO. 5, MAY 1967. PP.595-601.



TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00498	LIGHT IN THE SEA. SEIBERT O. DUNTLY, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIF. REPRINTED FROM JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 53, NO. 2, FEB. 1963. PP.214-233.
NR-G9-DJ-012-00499	IN SITU SPECTROSCOPY IN OCEAN AND LAKE WATERS. JOHN E. TYLER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, SAN DIEGO, CALIFORNIA. REPRINTED FROM JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 55, NO. 7, JULY 1965. PP.800-805.
NR-G9-00-000-00500	SUBMERSIBLE SPECTRORADIOMETER. JOHN E. TYLER AND RAYMOND C. SMITH, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIFORNIA. REPRINTED FROM JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 56, NO. 10, OCT. 1966. PP.1390-1396.
NR-G9-00-000-00501	THE SIGNAL/NOISE RATIO CONCEPT IN UNDERWATER OPTICS. R.J. MARQUEDANT AND H. HODARA, TETRA TECH, INC., PASADENA, CALIF. REPRINTED FROM APPLIED OPTICS, VOL. 7, NO. 3, MARCH 1968. PP.527-534.
NR-G9-GH-998-00504	APPLICATIONS OF REMOTE PHOTOGRAPHY TO THE STUDY OF COASTAL ECOLOGY IN BISCAYNE BAY, FLORIDA. MAHLON G. KELLY, NEW YORK UNIVERSITY, DEPT. OF BIOLOGY, BRONX, N.Y. JULY 1969. CONTRACT NUMBER N-62306-69-C-0032.
NR-G9-00-000-00505	MICROWAVE RADIOMETRY OF THE OCEAN AND THE POSSIBILITY OF MARINE WIND VELOCITY DETERMINATION FROM SATELLITE OBSERVATIONS. G.F. WILLIAMS, JR., UNIVERSITY OF MIAMI, CORAL GABLES, FLORIDA. CONTRACT NO. N62303-69-C-0301. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 74, NO. 18, AUG. 20, 1969. PP.4591-4594.
NR-G9-00-000-00506	REMOTE-SENSOR APPLICATIONS IN FISHERY RESEARCH. PAUL M. MAUGHAN, BUREAU OF COMMERCIAL FISHERIES, WASHINGTON, D.C. REPRINTED FROM MARINE TECHNOLOGY SOCIETY JOURNAL. VOL. 3, NO. 2, MARCH, 1969. PP.11-20. A70-18957
NR-G9-00-000-00507	IN SITU DETECTION AND ESTIMATION OF CHLOROPHYLL AND OTHER PIGMENTS IN THE OCEAN. JOHN E. TYLER, UNIVERSITY OF CALIF. SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIFORNIA. REPRINTED FROM THE PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, VOL. 47, NO. 11, PP.1726-1733. NOVEMBER 1961.
NR-G9-00-080-00508	IN SITU DETECTION AND ESTIMATION OF CHLOROPHYLL AND OTHER PIGMENTS-PRELIMINARY RESULTS. JOHN E. TYLER, UNIVERSITY OF CALIFORNIA, SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIFORNIA. REPRINTED FROM THE PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, VOL. 51, NO. 4, PP.671-678. APRIL 1964.
NR-G9-00-000-00509	WAVE STATISTICS FROM HURRICANE DORA. J. IAN COLLINS, TETRA TECH, INC., PASADENA, CALIFORNIA. PUBLISHED IN JOURNAL OF THE WATERWAYS AND HARBORS DIVISION, ASCE, VOL. 93, MAY 1967, PP.59-77.
NR-G9-00-000-00513	DETERMINATION OF THE LEVEL OF MEASUREMENT ON SEA SURFACE BY RADAR ALTIMETER. CRES TECHNICAL MEMORANDUM 112-6. HAN L. LEE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MARCH 1969. CONTRACT NUMBER N62303-67-C-0044.
NR-G9-EJ-027-00518	OCEANOGRAPHIC INTERPRETATION OF TWO GEMINI V PHOTOGRAPHS. REPORT NO. IM-66-14. T.P. BARNETT, U.S. NAVY, OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. AUGUST 1966. STAR X67-10912.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-GH-155-00522	SPECTRAL DISSIPATION OF FINITE-DEPTH GRAVITY WAVES DUE TO TURBULENT BOTTOM FRICTION. J.I. COLLINS, ET. AL., TETRA TECH, INC., PASADENA, CALIFORNIA. REPRINTED FROM SEARS FOUNDATION - JOURNAL OF MARINE RESEARCH, VOL. 26, NO. 1, JAN. 1968. PP.1-12.
NR-G9-00-000-00523	COLORSONDE FOR AERIAL DETERMINATION OF SHALLOW WATER DEPTH. REPORT NO. NRL 8561. ROBERT E. RUSKIN, U.S. NAVAL RESEARCH LABORATORY, WASHINGTON, D.C. JUNE 1967. STAR X67-21793.
NR-G9-00-000-00525	OCEAN WAVE PROFILING RADAR SYSTEM. REPORT NO. NRL 6052. C.M. MORROW, U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. APRIL 1964. STAR N68-83328.
NR-G9-HJ-138-00526	MEASUREMENT OF OCEAN CURRENTS BY PHOTOGRAMMETRIC METHODS. TECHNICAL MEMORANDUM C+GSTM-5. EVERETT H. RAMEY, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WASHINGTON, D.C. MAY 1968. STAR N69-12298.
NR-G9-00-000-00536	A SYSTEM FOR AIRBORNE MEASUREMENTS OF THE TOTAL HEAT FLOW FROM THE SEA SURFACE. E.D. MCALISTER, UNIVERSITY OF CALIF., SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIFORNIA. JUNE 1967. CONTRACT NUMBER NONR 2216(13). MICROFICHE COPY. STAR N67-35894.
NR-G9-00-000-00545	THE POTENTIAL OF OBSERVATION OF THE OCEANS FROM SPACECRAFT. REPORT NO. 177726. GENERAL ELECTRIC CO., PHILADELPHIA, PA. DECEMBER 1967. STAR N68-31894.
NR-G9-00-000-00546	A SATELLITE VIEW OF TYPHOON MARIE 1966 DEVELOPMENT. NASA TN D-4757. G. WARNECKE, ET. AL., NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. NOVEMBER 1968. STAR N68-37869
NR-G9-00-000-00556	AERIAL SURVEY OF HUDSON BAY SURFACE TEMPERATURE. REPORT NO. TR-28. WAYNE M. WENDLAND, UNIVERSITY OF WISCONSIN, DEPT. OF METEOROLOGY, MADISON, WISCONSIN. JULY 1966. CONTRACT NO. NONR-1202(07). MICROFICHE COPY. STAR N67-15350.
NR-G9-HJ-086-00557	SURVEY OF SEA SURFACE TEMPERATURE FLUCTUATIONS WITH THE AIRBORNE INFRARED THERMOMETER. ROBERT M. ALEXANDER, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS. JULY 1965. CONTRACT NO. NONR-3351(00). MICROFICHE COPY.
NR-G9-00-000-00569	APPLICATION OF AEROMETHODS FOR INVESTIGATION OF THE OCEAN. V.G. ZDANOVICH, ET AL., U.S. AIR FORCE, AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AIR FORCE BASE, OHIO. APRIL 1967. STAR N68-14347. MICROFICHE COPY. AD-662 577
NR-G9-GH-000-00572	SOME APPLICATIONS OF SPACE OBSERVATIONS TO METEOROLOGY, OCEANOGRAPHY AND HYDROLOGY. VINCENT J. OLIVER, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WASHINGTON, D.C. PRESENTED AT THE FOURTH ANNUAL MEETING AND TECHNICAL DISPLAY OF THE AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS. OCT. 23-27, 1967. ANAHEIM, CALIFORNIA. STAR N68-14690.
NR-G9-EJ-998-00573	SPECTRAL STUDIES OF REFLECTED SOLAR ENERGY FIELDS, RED TIDE, KELP 0.68 TO 2.4 MICRONS C-47 AIRCRAFT. REPORT NUMBER X-622-68-451. W.A. HOVIS, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. NOVEMBER 1968. STAR N69-18104.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00577	REMOTE SENSING IN OCEANOGRAPHY. BOYD E. OLSON, U.S. NAVY DEPT., NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. MARCH 1968. STAR N68-30759. MICROFICHE COPY.
NR-G9-HJ-998-00578	THE APPLICATION OF RADAR SCATTEROMETRY TO OCEAN PHYSICS. WILLIAM L. FLOYD, RYAN AERONAUTICAL CO., HOUSTON, TEXAS. PRESENTED AT THE AMERICAN ASTRONAUTICAL SOCIETY, ANNUAL MEETING, 14TH, DEDHAM, MASS., MAY 13-15, 1968. MICROFICHE COPY.
NR-G9-00-000-00589	OBSERVATION OF SEA SURFACE TEMPERATURE PATTERNS AND THEIR SYNOPTIC CHANGES THROUGH OPTIMAL PROCESSING OF NIMBUS II DATA. REPORT NO. 9G51-5. FINAL REPORT. JAMES R. GREAVES, JAMES H. WILLAND, AND DAVID T. CHANG, ALLIED RESEARCH ASSOC. CONCORD, MASS. SEPTEMBER 1968. CONTRACT NO. NASW-1651. STAR N68-36931.
NR-G9-JH-998-00598	DATA COLLECTION BY THE USE OF THE NASA NP3A AIRCRAFT DURING BOMEX AND PRELIMINARY RESULTS OF ANALYSIS. VICTOR S. WHITEHEAD, THOMAS L. BARNETT, AND IVAN D. BROWNE, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. PRESENTED AT THE SYMPOSIUM ON THE EARLY RESULTS FROM BOMEX, SEATTLE, WASHINGTON. NOVEMBER 20-21, 1969.
NR-G9-FH-998-00613	FOTOINTERPRETAZIONE DELLE STRUTTURE OCEANOGRAFICHE QUALI APPAIONO NELLE FOTOGRAFIE RIPRESE DURANTE I VOLI GEMINI. ROBERT E. STEVENSON, BUREAU OF COMMERCIAL FISHERIES, GALVESTON, TEXAS. 1969. ESTRATTI ENCICLOPEDIA DELLA SCIENZA E DELLA TECNIA MONDADORI, S AND T/69 ANNUARIO DELLA EST, PP.185-188.
NR-G9-GJ-000-00621	AIRCRAFT RECONNAISSANCE OF WINTER COASTAL CYCLONES IN THE NORTHEASTERN UNITED STATES. JEROME SPAR, NEW YORK UNIV., AND HOWARD A. FRIEDMAN, RESEARCH FLIGHT FACILITY, ESSA, MIAMI, FLORIDA. PUBLISHED IN BULLETIN AMERICAN METEOROLOGICAL SOCIETY, VOL. 50, NO. 11, NOV. 1969, PP.857-865.
NR-G9-GH-162-00622	APPLICATIONS OF UNDERWATER PHOTOGRAMMETRY. INFORMAL REPORT NO. 68-52. JOSEPH POLLIO, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. JUNE 1968.
NR-G9-00-000-00627	OPTICAL RADAR MEASUREMENTS OF THE ATMOSPHERE. NASA CR-729. J.D. LAWRENCE, JR., F.R. CROWNFIELD, JR., ET AL., COLLEGE OF WILLIAM AND MARY, WILLIAMSBURG, VIRGINIA. APRIL 1967. CONTRACT NO. NSG 710. STAR N67-21982.
NR-G9-00-000-00633	SATELLITE APPLICATIONS TO MARINE GEODESY. NASA CR-1253. A.G. MURAD, N.A. FRAZIER, ET AL., BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO. JAN. 1969. CONTRACT NO. NASR-100(11) STAR N69-16645.
NR-G9-00-000-00637	PERFORMANCE ANALYSIS OF A SALINITY/TEMPERATURE/DEPTH SYSTEM. ROY D. GAUL, TEXAS A AND M UNIVERSITY, DEPT. OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. REPRINTED FROM IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-6, NO. 4, NOV. 1968. PP.185-189.
NR-G9-00-000-00653	MEASUREMENT OF OCEAN CURRENTS BY PHOTOGRAMMETRIC METHODS. TECHNICAL MEMORANDUM C-GSTM-5. EVERETT H. RAMEY, ESSA COAST AND GEODETIC SURVEY, ROCKVILLE, MD. MAY 1968.
NR-G9-00-000-00660	ON THE MEASUREMENT OF LOW LEVEL HURRICANE WINDS BY AIRBORNE DUAL BEAM RADAR. REPORT NO. AFCL-69-0169. KENNETH M. GLOVER, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. APRIL 1969. MICROFICHE COPY. STAR N69-34297.

TECHNICAL REPORTS - OCEANOGRAPHY

- | ACCESSION NUMBER   | DESCRIPTION  |
|--------------------|--|
| NR-G9-00-000-00672 | SPECTRA OF INTERNAL WAVES AND TURBULENCE IN STRATIFIED FLUIDS. PART I. GENERAL DISCUSSION AND INDICATIONS FROM MEASUREMENTS IN STABLY STRATIFIED ATMOSPHERE AND OCEAN. YIH-HO PAO, BOEING SCIENTIFIC RESEARCH LAB., SEATTLE, WASH. JUNE 1969. STAR N69-35845.  |
| NR-G9-00-000-00674 | ANALYSIS OF MEASUREMENTS OF MICROWAVE EMISSION FROM THE EARTH'S SURFACE AND ATMOSPHERE. REPORT NO. DAC 60693. H.A. HYATT, DOUGLAS AIRCRAFT CO., INC., MISSILE AND SPACE SYSTEMS DIV., HUNTINGTON BEACH, CALIFORNIA. JUNE 1967. CONTRACT NUMBER E-43-67(N). STAR N68-16140.   |
| NR-G9-00-000-00692 | DECODING AND SYNOPTIC INTERPRETATION OF INFRARED (IR) CLOUD COVER PHOTOGRAPHS. E.P. DOMBKOVSKAYA, USSR. ISSUED BY MAIN ADMINISTRATION OF THE HYDROMETEOROLOGICAL SERVICE, COUNCIL OF MINISTERS, USSR. PUBLISHED IN GIDROMETEOROLOGICHESKII NAUCHNO-ISSLEDOVATELSKII, SSSR. TRUDY, NO. 11, 1967. MICROFICHE COPY. STAR N69-34373. |
| NR-G9-GH-145-00694 | AIRBORNE MEASUREMENTS ON INFRARED SEA TEMPERATURE IN THE NORTHERN GULF OF MEXICO. K.L. DRENNAN, GULF COAST RESEARCH LAB., OCEANOGRAPHY SECTION, OCEAN SPRINGS, MISS. DEC. 1966. MICROFICHE COPY. STAR N67-29516. AD-650 314  |
| NR-G9-00-000-00700 | THE VALUE OF WEATHER FORECASTS. J.C. THOMPSON, SAN JOSE STATE COLLEGE, DEPT. OF METEOROLOGY, SAN JOSE, CALIFORNIA. PUBLISHED IN SCIENCE JOURNAL, VOL. 5A, NO. 6, DEC. 1969. PP.62-66.  |
| NR-G9-GH-182-00709 | AERIAL PHOTOGRAPHIC STUDIES OF SHALLOW WATER BENTHIC ECOLOGY. MAHLON G. KELLY, NEW YORK UNIVERSITY, BRONX, N.Y., ALFRED CONROD, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. PUBLISHED IN REMOTE SENSING IN ECOLOGY, 1969. PP.173-184.  |
| NR-G9-EJ-181-00716 | A METHOD OF ELIMINATING CLOUD INTERFERENCE IN SATELLITE STUDIES OF SEA SURFACE TEMPERATURES. PAUL E. LAVIOLETTE, AND PAUL L. CHABOT, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASH. D.C. PUBLISHED IN DEEP-SEA RESEARCH, VOL. 16, NO. 5, NOV. 1969. PP.539-547.  |
| NR-G9-00-000-00732 | A MODEL ATMOSPHERE FOR EARTH RESOURCES APPLICATIONS. NASA-TM X-58033. DAVID E. PITTS AND KIRBY D. KYLE, NASA/ MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. NOVEMBER 1969. STAR N70-15687.   |
| NR-G9-00-000-00739 | GENERATION AND AIRBORNE DETECTION OF INTERNAL WAVES FROM AN OBJECT MOVING THROUGH A STRATIFIED OCEAN. VOL. II. WALTER H. MUNK, CURTIS G. CALLAN, ET AL., INSTITUTE FOR DEFENSE ANALYSES, JASON DIV., ARLINGTON, VA. APRIL 1969. CONTRACT NUMBER DAHC15-67-C-0011. MICROFICHE COPY. STAR N70-13409.                               |
| NR-G9-GH-998-00741 | INVESTIGATION OF VISIBLE REGION INSTRUMENTATION FOR OCEANOGRAPHIC SATELLITES. VOL. II. A.C. CONROD, M.G. KELLY, ET AL., MASSACHUSETTS INSTITUTE OF TECHNOLOGY, EXPERIMENTAL ASTRONOMY LAB., CAMBRIDGE, MASS. MARCH 1968. CONTRACT NO. N62306-2082. MICROFICHE COPY. STAR N69-29897.  |

Reproduced from  
best available copy.



TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00747	INTERPRETATION OF DIFFERENT TYPES OF TUNDRA FROM AERIAL PHOTOGRAPHS AND THEIR AEROVISUAL DESCRIPTION ON THE BASIS OF FROST JOINING. REPORT NO. FSTC-HT-23-316-68. V. ANDREEV, TRANSLATED FROM GEOGRAFICHESKIY SBORNIK, (SSSR) VOL. 7, 1955 PP.103-120. MICROFICHE COPY. STAR N70-11609.
NR-G9-00-000-00753	OCEANOGRAPHIC INSTRUMENTATION. FINAL REPORT OF THE COMMITTEE ON INSTRUMENTATION. SECOND EDITION. REPORT NO. SP-41. U.S. NAVY HYDROGRAPHY OFFICE, WASHINGTON, D.C. OCTOBER 1960. MICROFICHE COPY.
NR-G9-00-000-00758	HIGH FREQUENCY RADAR SEA RETURN AND THE PHILLIPS SATURATION CONSTANT. W.H. MUNK, ET AL., SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, LA JOLLA, CALIFORNIA. PUBLISHED IN NATURE, VOL. 224, NO. 5226, DEC. 1969. P.1285.
NR-G9-00-000-00759	OBSERVATIONS OF AN ANTARCTIC OCEAN TABULAR ICEBERG FROM THE NIMBUS II SATELLITE. JOHN SISSALA, ALLIED RESEARCH ASSOC., HYATTSVILLE, MARYLAND. PUBLISHED IN NATURE, VOL. 224, NO. 5226, DEC. 1969. PP.1285-1287.
NR-G9-00-000-00761	POWER SPECTRA FROM OCEAN MOVEMENTS MEASURED REMOTELY BY IONOSPHERIC RADIO BACKSCATTER. J.F. WARD, TOWNSVILLE UNIVERSITY COLLEGE, TOWNSVILLE, QUEENSLAND, AUSTRALIA. PUBLISHED IN NATURE, VOL. 223, NO. 5213, SEPT. 1969. PP.1325-1330.
NR-G9-00-000-00764	SPACE RECONNAISSANCE OF THE OCEAN - OPPORTUNITIES AND LIMITATIONS. GIFFORD C. EWING, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS. PUBLISHED IN ANNALS OF NEW YORK ACADEMY OF SCIENCES, VOL. 140, NO. 1, DEC. 1966. PP.83-92.
NR-G9-00-000-00767	AN UNDERWATER SPECTRAL IRRADIANCE COLLECTOR. RAYMOND C. SMITH, SCRIPPS INSTITUTE OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, LA JOLLA, CALIFORNIA. PUBLISHED IN JOURNAL OF MARINE RESEARCH, VOL. 27, NO. 3, 1969. PP.341-351.
NR-G9-00-000-00768	CORRELATION OF RADAR BACKSCATTERING CROSS-SECTIONS WITH OCEAN WAVE HEIGHTS AND WIND VELOCITY. TECHNICAL REPORT. K. KRISHEN, LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. REPORT NO. LEC/HASD NO. 649.21.025. CONTRACT NO. NAS9-5191.
NR-G9-00-000-00769	THE REMOTE SENSING FROM AIRCRAFT AND SPACE VEHICLES OF TRACE VAPOURS ASSOCIATED WITH BIOLOGICAL ACTIVITY IN THE OCEANS. A.R. BARRINGER, BARRINGER RESEARCH, LTD., REXDALE, ONTARIO, CANADA.
NR-G9-00-000-00770	REMOTE SENSING OF MARINE EFFLUVIA. A.R. BARRINGER, BARRINGER RESEARCH, LTD., REXDALE, ONTARIO, CANADA.
NR-G9-00-000-00773	INFRARED-OPTICAL TECHNIQUES APPLIED TO OCEANOGRAPHY. I. MEASUREMENT OF TOTAL HEAT FLOW FROM THE SEA SURFACE. E.D. MC ALISTER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIFORNIA. PUBLISHED IN APPLIED OPTICS, VOL. 3, NO. 4, MAY 1964.
NR-G9-UF-000-00777	A THREE-DIMENSIONAL BATHYOROGRAPHIC MAP OF CANTON ISLAND. A STUDY IN THE PROBLEMS OF CONSTRUCTING AND SYMBOLIZING MAPS OF MARINE ENVIRONMENTS. GEORGE F. JENKS, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, AND PAUL V. CRAWFORD, BOWLING GREEN STATE UNIVERSITY, BOWLING GREEN, OHIO. PUBLISHED IN GEOGRAPHICAL REVIEW, VOL. 60, NO. 1, JAN. 1970. PP.69-87.
NR-G9-00-000-00781	HURRICANES AND THE SEA SURFACE TEMPERATURE FIELD. EDWIN L. FISHER, NEW YORK UNIVERSITY. PUBLISHED IN JOURNAL OF METEOROLOGY, VOL. 15, NO. 3, JUNE 1958. PP.328-333.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-HJ-138-00782	GULF STREAM THERMAL GRADIENTS FROM SATELLITE, SHIP, AND AIR-CRAFT OBSERVATIONS. WILLIAM R. CURTIS AND P. KRISHNA RAO, NATIONAL ENVIRONMENTAL SATELLITE CENTER, ESSA, WASHINGTON, D.C. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 74, NO. 28, DECEMBER 1969. PP.6984-6990.
NR-G9-00-000-00783	STUDY OF THE APPLICATION OF LASER TECHNOLOGY TO ATMOSPHERIC CONTAMINATION MEASUREMENT. FINAL TECHNICAL REPORT, MAY 1968 APRIL 1969. NASA-CR-86221. JOHN U. HIDALGO, TULANE UNIV., NEW ORLEANS, LOUISIANA. APRIL 1969. CONTRACT NUMBER NAS12-664. STAR N69-36282.
NR-G9-BH-057-00787	ABYSSALLY GENERATED T PHASE. HAWAII INSTITUTE OF GEOPHYSICS CONTRIBUTION 179. ROCKNE H. JOHNSON, ET AL., UNIVERSITY OF HAWAII, HONOLULU, HAWAII. 1968. CONTRACT NO. NONR-3748(01) STAR N69-38887.
NR-G9-00-000-00791	ATMOSPHERIC TURBIDITY OVER THE UNITED STATES, 1961-1966. E.C. FLOWERS, ET AL., CONSUMER PROTECTION AND ENVIRONMENTAL HEALTH SERVICE DIV., RALEIGH, N.C. PUBLISHED IN APPLIED METEOROLOGY, VOL. 8, NO. 6, DEC. 1969. PP.955-962.
NR-G9-00-000-00796	A STUDY ON SOME EQUIPMENT AND ENVIRONMENTAL PARAMETERS AFFECTING AIRBORNE REMOTE PROBING OF TEMPERATURE AND PRESSURE PROFILES. REPORT NOS. AFURL-69-0188 AND SHRC-CR-69-9. WAYNE D. MOUNT, RICHARD B. FOW, ET AL., SPERRY RAND RESEARCH CENTER, SUDBURY, MASS. MARCH 1969. CONTRACT NUMBER F19628-68-C-0295. MICROFICHE COPY. STAR N69-37972.
NR-G9-00-000-00797	PHYSICS OF THE ATMOSPHERE AND OCEAN. TRANSLATION FROM IZVESTIA AKADEMIA NAUK, SSSR, FIZIKA ATMOSFERY I OKEANA (MOSCOW) APRIL 1969, PP.341-432. MICROFICHE COPY. STAR N69-39076 THRU N69-39086.
NR-G9-GJ-998-00799	A PROCEDURE TO ELIMINATE PERIODIC NOISE FOUND IN NIMBUS II HIGH RESOLUTION INFRARED RADIOMETER MEASUREMENTS. LARRY M. MC MILLIN, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. FEB. 1969. REPORT NO. 9G45-32 AND TR-9. CONTRACT NO. NAS5-10343.
NR-G9-BH-057-00817	UNDERWATER DEPTH DETERMINATION BY AERIAL PHOTOGRAPHY. A.C. LUNDAHL, U.S. NAVY PHOTOGRAPHIC INTERPRETATION CENTER. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 14, NO. 4, 1948. PP.454-462.
NR-G9-GJ-167-00822	SPECTRAL ANALYSIS OF SHALLOW WATER WAVES IN LAKE MICHIGAN. REPORT NO. MP 69-2. PAUL C. LIU, U.S. LAKE SURVEY, ARMY CORPS OF ENGINEERS, DETROIT, MICHIGAN. PRESENTED BEFORE 11TH CONFERENCE GREAT LAKES RESEARCH, MILWAUKEE, WISCONSIN. MARCH 1968. PP.412-423.
NR-G9-00-000-00848	ENVIRONMENTAL MANAGEMENT IN MARINE WATERS. MARINE POLLUTION PANEL DISCUSSION. CLARENCE M. TARZWELL, NATIONAL MARINE WATER QUALITY LAB., WEST KINGSTON, R.I. AND CHARLES J. ROBINOVE, EARTH RESOURCES OBSERVATION SATELLITE PROGRAM OF THE DEPT. OF THE INTERIOR, WASHINGTON, D.C. PRESENTED AT THE NORTH EASTERN REGIONAL ANTIPOLLUTION ANNUAL CONFERENCE, UNIVERSITY OF RHODE ISLAND, JULY 1969.
NR-G9-00-000-00850	PHOTOGRAPHIC INVESTIGATION OF SEDIMENT TEXTURE, HYDROM CURRENT ACTIVITY, AND BENTHONIC ORGANISMS IN THE WILMINGTON SUBMARINE CANYON. U.S.C.G.C. ROCKAWAY-SMITHSONIAN INSTITUTION CRUISE (ROS2) OCEANOGRAPHIC REPORT NO. 22. DANIEL J. STANLEY, SMITHSONIAN INSTITUTION, WASHINGTON, D.C. AND GILBERT KELLING, UNIVERSITY OF WALES, SWANSEA, GREAT BRITAIN. U.S. COAST GUARD OCEANOGRAPHIC UNIT, WASHINGTON, D.C. FEB. 1968.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00855	RADAR ALTIMETRY FROM A SPACECRAFT AND ITS POTENTIAL APPLICATIONS TO GEODESY AND OCEANOGRAPHY. REPORT NO. TR-67-3. J. ARTHUR GREENWOOD, ALAN NATHAN, ET AL., NEW YORK UNIV., DEPT. OF METEOROLOGY AND OCEANOGRAPHY, NEW YORK, N.Y. MAY 1967. STAR X67-22164.
NR-G9-JH-000-00857	SCATTERING OF LIGHT BY SARGASSO SEA WATER. GUNNER KULLENBERG, UNIVERSITY OF COPENHAGEN, INSTITUTE OF PHYSICAL OCEANOGRAPHY, COPENHAGEN, DENMARK. PUBLISHED IN DEEP-SEA RESEARCH, VOL. 15, AUG. 1968. PP.423-432.
NR-G9-00-000-00859	NIMBUS II SATELLITE SEA SURFACE TEMPERATURES VERSUS HISTORICAL DATA IN A SELECTED REGION, A COMPARATIVE STUDY. PAUL E. LAVIOLETTE AND PAUL L. CHABOT, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. PUBLISHED IN DEEP-SEA RESEARCH, VOL. 15, OCT. 1969. PP.617-622.
NR-G9-00-000-00860	INVESTIGATING THE FEASIBILITY OF CENSUSING DEER BY REMOTE SENSING OF THERMAL INFRARED RADIATION. RICHARD M. BARTHOLOMEW, INDIANA DEPT. OF NATURAL RESOURCES, AND ROGER M. HOFFER, LABORATORY FOR REMOTE SENSING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PRESENTED AT THE MIDWEST WILDLIFE CONFERENCE, CHICAGO, ILL., DEC. 1966.
NR-G9-00-000-00861	MULTIPLE SCATTER EFFECTS IN REMOTE SENSING OF ENVIRONMENTAL POLLUTION. DAVID L. FEINSTEIN AND KENNETH R. PIECH, CORNELL AERONAUTICAL LAB., INC., BUFFALO, N.Y. 1969.
NR-G9-00-000-00863	REMOTE SENSING FOR PLANNING RESOURCE CONSERVATION. C.J JOHANNSEN AND M.F. BALMGARDNER, PURDUE UNIVERSITY, LAB. FOR AGRICULTURAL REMOTE SENSING, LAFAYETTE, INDIANA. 1968. AGRICULTURAL EXPERIMENT STATION JOURNAL, NO. 3439.
NR-G9-00-000-00866	TEST PHOTOGRAPHY WITH MS EKTACHROME FOR WATER PENETRATION AND DEPICTION OF THE OFFSHORE SEA FLOOR. WILFRED G. TUDDENHAM, UNIVERSITY OF SYDNEY, AUSTRALIA. 1968.
NR-G9-00-000-00873	METEOROLOGICAL APPLICATIONS OF REFLECTED RADIANCE MEASUREMENTS FROM ATS 1 AND ATS 3. THOMAS H. VONDER HAAR, UNIV. OF WISCONSIN, MADISON, WISCONSIN. PUBLISHED IN GEOPHYSICAL RESEARCH, VOL. 74, NO. 23, OCT. 1969. PP.5404-54412.
NR-G9-00-000-00889	RADIATIVE TRANSFER IN AN ATMOSPHERE-OCEAN SYSTEM. GILBERT N. PLASS AND GEORGE W. KATTAWAR. TEXAS A+M UNIVERSITY, DEPT. OF PHYSICS, COLLEGE STATION, TEXAS. REPRINTED FROM APPLIED OPTICS, VOL. 8, NO. 2, FEB. 1969. PP.455-466.
NR-G9-00-000-00899	BIBLIOGRAPHY ON THE BAHAMA ISLANDS. REPORT NO. RN-37. ANNE BOERSMA, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. AUGUST 1968.
NR-G9-00-000-00913	TIDAL CURRENT SURVEYS BY PHOTOGRAMMETRIC METHODS. COAST AND GEODETIC SURVEY TECHNICAL BULLETIN NO. 22. MORTON KELLER, ESSA, COAST AND GEODETIC SURVEY, ROCKVILLE, MARYLAND. OCT. 1963.
NR-G9-00-000-00933	HISTORY OF SHORE GROWTH FROM ANALYSIS OF AERIAL PHOTOGRAPHS. FRANCIS H. MOFFITT, UNIVERSITY OF CALIFORNIA, HYDRAULIC ENGINEERING LAB., BERKELEY, CALIFORNIA. DECEMBER 1968. MICROFICHE COPY.
NR-G9-00-000-00944	SEISMIC PROFILING IN THE GULF OF MEXICO. H. ROBERT ENSMINGER, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. PUBLISHED IN UNDER SEA TECHNOLOGY, VOL. 11, NO. 2, FEB. 1970 PP.22-25.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-00947	ICE OBSERVATIONS BY THE TIROS II SATELLITE AND BY AIRCRAFT. D.O. WARK, R.W. POPHAM ET AL., U.S. WEATHER BUREAU, WASHINGTON, D.C. PUBLISHED IN ARCTIC, VOL. 16, NO. 1, 1962. PP.9-26.
NR-G9-00-000-00962	METHODS AND INSTRUMENTS ON THE VERTICAL TEMPERATURE PROFILE NEAR THE AIR-SEA INTERFACE. E.O. ANDREYEV, ET AL., USSR. PUBLISHED IN ACADEMY SCIENCES OF THE USSR OCEANOLOGY, VOL. 9, NO. 2, 1969. PP.287-290.
NR-G9-LG-000-00968	BEACH RIDGES IN NORTHEASTERN TANZANIA. CHARLES S. ALEXANDER UNIVERSITY OF ILLINOIS, DEPT. OF GEOGRAPHY, URBANA, ILL. PUBLISHED IN GEOGRAPHICAL REVIEW, VOL. 59, NO. 1, JAN. 1969. PP.104-122.
NR-G9-GH-998-00976	INVESTIGATION OF VISIBLE REGION INSTRUMENTATION FOR OCEANOGRAPHIC SATELLITES. VOL. 1. A.C. CONROD, MASS. INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. JULY 1967. CONTRACT NO. N62306-2082. MICROFICHE COPY.
NR-G9-00-000-00984	SPACECRAFT FOR FISHERY RESEARCH. PAUL M. MAUGHAN, BUREAU OF COMMERCIAL FISHERIES, WASHINGTON, D.C. 1968. STAR N69-41280.
NR-G9-00-000-01006	ATMOSPHERIC PROPERTIES AND REFLECTANCES OF OCEAN WATER AND OTHER SURFACES FOR A LOW SUN. A.R. BOILEAU AND J.I. GORDON, SCRIPPS INSTITUTE OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIF. PUBLISHED IN APPLIED OPTICS, VOL. 5, NO. 5, MAY 1966. PP.803-813.
NR-G9-00-000-01009	REMOTE SENSING OF WATER POLLUTION. LEONARD W. HOM, SACRAMENTO STATE COLLEGE, SACRAMENTO, CALIF. PUBLISHED IN JOURNAL OF WATER POLLUTION CONTROL FEDERATION, VOL. 40, NO. 10, OCT. 1968. PP.1728-1738.
NR-G9-00-000-01010	COMPARISON OF RADAR SEA ECHOES WITH STEREOPHOTOGRAMMETRIC PICTURES OF THE SEA SURFACE. H.C. FREIESLEBEN. PUBLISHED IN JOURNAL OF THE INSTITUTE OF NAVIGATION, VOL. 22, APRIL 1969. PP.198-204.
NR-G9-DJ-012-01011	REMOTE SENSING OF OCEAN COLOR. JAMES S. BAILEY AND PETER G. WHITE, TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. PUBLISHED IN ADVANCES IN INSTRUMENTATION, VOL. 24, PART 3, 1969. ISA, PITTSBURGH. PP.635-1 TO 635-7. PRESENTED AT THE INSTRUMENT SOCIETY OF AMERICA, ANNUAL CONFERENCE, 24TH, HOUSTON, TEXAS. OCT. 1969. A70-18592.
NR-G9-00-000-01014	A REVIEW OF RADAR SEA ECHO. MERRILL I. SKOLNIK, NAVAL RESEARCH LAB., WASHINGTON, D.C. REPORT NO. NRL-MR-2025. JULY 1969. AD-693 452. MICROFICHE COPY. N70-11459 AD-693 452
NR-G9-00-000-01017	ANALYSES AND FORECASTING OF SEA-SURFACE TEMPERATURE (SST). P.M. WOLFF, L.P. CARSTENSEN, AND T. LAEVASTU, FLEET NUMERICAL WEATHER FACILITY, MONTEREY, CALIFORNIA. FEB. 1965. TECHNICAL NOTE NO. 8. STAR X65-16#43. AD-460 150. MICROFICHE COPY.
NR-G9-GH-000-01031	BEACH EROSION BOARD BULLETIN. U.S. ARMY CORPS OF ENGINEERS, WASHINGTON, D.C. PUBLISHED IN BEACH EROSION BOARD BULLETIN, VOL. 1, NO. 1, APRIL 1947. AD-699 907. MICROFICHE COPY.
NR-G9-00-000-01040	WIND WAVES AND THE EFFECTIVE REFLECTING AREA OF THE SEA SURFACE. YU. A. MULLAMAA, ACADEMY OF SCIENCES OF THE ESTONIAN SSR. TRANSLATION OF AKADEMIIA NAUK SSSR, TZVESTIIA FIZIKA ATMOSFERY I OKEANA (MOSCOW), VOL. 4, NO. 7, JULY 1968. PP.759-764. PUBLISHED IN ACADEMY OF SCIENCES USSR, IZVESTIYA, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 4, NO. 7, DEC. 1968. PP.435-437.



TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01041	OCEAN DATA STATION ALPHA SENSOR SYSTEM DESCRIPTION NORTH PACIFIC STUDY CONFIGURATION. DAVID L. BERQUIST, GENERAL DYNAMICS/CONVAIR, SAN DIEGO, CALIFORNIA. JULY 1969. CONTRACT NO. NONR-3062(00). STAR N70-11713. AD-693 544.
NR-G9-GH-998-01042	SPECTRAL IRRADIANCE MEASUREMENTS OF UPWELLING NATURAL LIGHT OFF THE EAST COAST OF THE UNITED STATES. G.L. STAMM AND R.A. LANGE, U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. PUBLISHED IN OPTICAL SOCIETY OF AMERICA, JOURNAL, VOL. 51, NO. 10, OCT. 1961. PP.1090-1094.
NR-G9-00-000-01044	MEASUREMENT OF THE ROUGHNESS OF THE SEA SURFACE FROM PHOTOGRAPHS OF THE SUN'S GLITTER. C.S. COX AND W.H. MUNK, SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIFORNIA. PUBLISHED IN THE JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 44, NO. 11, NOV. 1954. PP.838-850. CONTRACT NO. AF19(122)-413.
NR-G9-GH-000-01047	THE RED SEA HOT BRINES. EGON T. DEGENS AND DAVID A. ROSS, NO ADDRESS. PUBLISHED IN THE SCIENTIFIC AMERICAN, VOL. 222, NO. 4, APRIL 1970. PP.32-42.
NR-G9-00-000-01048	S-BAND RADIOMETER FOR MEASUREMENT OF SEA SURFACE TEMPERATURE. PART I - PROGRESS REPORT. G.M. HIDY AND K.W. GRAY, NORTH AMERICAN ROCKWELL CORP., THOUSAND OAKS, CALIF. 1969.
NR-G9-HJ-998-01058	RADAR SCATTEROMETER DATA ANALYSIS - SEA STATE. NASA/MSC MISSION 20 AND MISSION 34. TECHNICAL REPORT RSC-9. RICHARD W. NEWTON, TEXAS A+M UNIVERSITY, COLLEGE STATION, TEXAS. MAY 1970. MICROFICHE AND HARD COPY. N70-43133.
NR-G9-00-000-01059	STUDIES IN MARINE GEOPHYSICS AND UNDERWATER SOUND FROM DRIFTING ICE STATIONS. FINAL REPORT. KENNETH L. HUNKINS, HENRY W. KUTSCHALE AND JOHN K. HALL, COLUMBIA UNIVERSITY, PALISADES, NEW YORK. SEPT. 1969. CONTRACT NO. NONR-266(82). STAR N70-17145. AD-696 997.
NR-G9-00-000-01065	DETECTING THE OCEAN'S FOOD (AND POLLUTANTS) FROM SPACE. A.R. BARRINGER, BARRINGER LTD., CANADA. PUBLISHED IN OCEAN INDUSTRY, VOL. 2, NO. 5, MAY 1967, PP.28-34.
NR-G9-00-000-01068	THE CHESAPEAKE BAY INSTITUTE WAVE FOLLOWER. MART PEEP AND RONALD J. FLOWER, JOHNS HOPKINS UNIVERSITY, BALTIMORE, MD. CHESAPEAKE BAY INSTITUTE TECHNICAL REPORT 58. SEPT. 1969. CONTRACT NO. NONR 4010(11). W70-02872.
NR-G9-JG-192-01073	A SEA-AIR INTERACTION DEEP-OCEAN BUOY. K.L. WARSH AND M. GARSTANG, FLORIDA STATE UNIVERSITY, TALLAHASSEE, FLORIDA. PUBLISHED IN THE JOURNAL OF MARINE RESEARCH, VOL. 28, NO. 1, JAN. 1970. PP.99-112.
NR-G9-00-000-01074	APPLICATIONS OF AIRBORNE RADAR BACKSCATTER TO MEASUREMENT OF STATE OF THE SEA. WILBUR MARKS, OCEANICS, INC., PLAINVIEW, NEW YORK. PROCEEDINGS OF THE IXTH CONFERENCE ON COASTAL ENGINEERING, LISBON, AUG. 1964. PP.377-391. CONTRACT NO. NONR-3961(00).
NR-G9-XF-000-01076	COASTAL CURRENTS AROUND BIAK ISLAND AS SEEN FROM APOLLO 7. ROBERT E. STEVENSON, BUREAU OF COMMERCIAL FISHERIES, GALVESTON, TEXAS AND RICHARD D. TERRY, SEAONICS INTERNATIONAL INC., INGLEWOOD, CALIF. PUBLISHED IN AUSTRALIAN FISHERIES, VOL. 28, NO. 7, JULY 1969. PP.11-12.
NR-G9-GJ-000-01079	THE BIG EXPEDITION-ATLANTIC SHELF SURVEY. DR. HARRIS B. STEWART, ATLANTIC OCEANOGRAPHIC LABORATORIES, ESSA, MIAMI, FLORIDA. PUBLISHED IN UNDER-SEA TECHNOLOGY, VOL. 10, NO. 1, JAN. 1969. PP.42-43 AND PP.64-65.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01080	SOME PROBLEMS ASSOCIATED WITH AIRBORNE RADIOMETRY OF THE SEA. H.L. CLARK, NAVAL RESEARCH LAB., WASHINGTON, D.C. PUBLISHED IN APPLIED OPTICS, VOL. 6, NO. 12, DEC. 1967. PP.2151-2157.
NR-G9-00-000-01083	PROPOSED METHOD OF SURVEYING THE WAVE STATE OF THE OPEN OCEAN. N.F. BARBER, DOMINION PHYSICAL LABORATORY, DEPT. OF SCIENTIFIC AND INDUSTRIAL RESEARCH. PUBLISHED IN NEW ZEALAND JOURNAL OF SCIENCE, VOL. 2, NO. 1, 1959. PP.99-108.
NR-G9-GH-128-01084	THE MISSISSIPPI RIVER OUTFLOW, ITS SEASONAL VARIATIONS AND ITS SURFACE CHARACTERISTICS. DON WALSH, TEXAS A+M UNIVERSITY, COLLEGE STATION, TEXAS. PUBLISHED IN DISSERTATION ABSTRACTS, VOL. 29, 1969. PP.4774B. STAR N70-20057.
NR-G9-HJ-138-01090	AIRBORNE OCEANOGRAPHY. CYNTHIA RIGGS STUERTZ. PUBLISHED IN MARINE TECHNOLOGY SOCIETY JOURNAL, VOL. 3, NO. 2, MARCH 1969.
NR-G9-FH-000-01092	TIME VARIATION OF THE ROUGH OCEAN SURFACE AND ITS EFFECT ON AN INCIDENT LASER BEAM. CLINTON E. PRETTYMAN, OHIO STATE UNIVERSITY, COLUMBUS, OHIO AND MARY D. CERMAK, UNIVERSITY HOSPITALS, CLEVELAND, OHIO. PUBLISHED IN IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE7, NO. 4, OCT. 1969. PP.235-243. A70-16687.
NR-G9-HJ-138-01098	FEASIBILITY OF MONITORING WEST AFRICAN OCEANIC FRONT FROM SATELLITES. DR. PAUL M. MAUGHAN, MARINE RESOURCES, WASHINGTON, D.C., DR. MERTON C. INGHAM AND DR. J. FRANK HEBARD, BCF TROPICAL ATLANTIC BIOLOGICAL LABORATORY, MIAMI, FLORIDA, U.S. DEPT. OF THE INTERIOR, COMMERCIAL FISHERIES BUREAU, WASHINGTON, D.C. PUBLISHED IN COMMERCIAL FISHERIES REVIEW, VOL. 31, NO. 10, 1969. PP.24-29.
NR-G9-HJ-138-01101	DETAILED THERMAL STRUCTURE OF THE WESTERN-GULF STREAM REGION. U.S. NAVAL OCEANOGRAPHIC OFFICE, TECHNICAL REPORT TR-210, DEC. 1968. BERTRAND J. THOMPSON AND WILLIAM H. GEMMILL, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C.
NR-G9-HJ-138-01104	A NEW METHOD OF TRACKING THE GULF STREAM. F.C. FUGLISTER, ET AL., WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS. PUBLISHED IN LIMNOLOGY AND OCEANOGRAPHY, VOL. 10, 1965. PP.R115-R124. CONTRACT NO. NONR-2196.
NR-G9-00-000-01108	SIGNIFICANCE OF REMOTE OBSERVABLES TO FISHERIES. R.H. DOUGLASS, AND S. GORENHEIN, TRW SYSTEMS, REDONDO BEACH, CALIF. JAN. 1968. STAR N69-23244.
NR-G9-00-000-01110	VISIBILITY IN THE OCEANS. SEIBERT O. DUNTLEY, U.S. NAVY, BUREAU OF SHIPS, WASHINGTON, D.C. PUBLISHED IN OPTICAL SPECTRA, 4TH QTR., 1967. PP.64-69.
NR-G9-GJ-167-01115	AIRBORNE TEMPERATURE SURVEYS OF LAKE MICHIGAN, OCTOBER 1966 AND 1967. VINCENT E. NOBLE, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN AND JOHN C. WILKERSON, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASH., D.C. PUBLISHED IN LIMNOLOGY AND OCEANOGRAPHY, VOL. 15, NO. 2, MARCH 1970. PP.289-296.
NR-G9-GJ-239-01116	GREAT LAKES THERMAL STUDIES USING INFRARED IMAGERY. ROBERT K. LANE, CANADA CENTRE FOR INLAND WATERS, ONTARIO, CANADA. PUBLISHED IN LIMNOLOGY AND OCEANOGRAPHY, VOL. 15, NO. 2, MARCH 1970. PP.296-300.
NR-G9-DJ-008-01118	AN OPTICAL AND HYDROGRAPHIC STUDY OF A TEMPERATURE INVERSION OFF OREGON DURING UPWELLING. ROBERT L. SMITH, ET AL., OREGON STATE UNIVERSITY, CORVALLIS, OREGON. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 3, JAN. 1970. PP.629-636. W70-04709.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01120	USE OF AERIAL PHOTOGRAPHY IN SEAWEED SURVEYS. HARCOURT L. CAMERON, NOVA SCOTIA RESEARCH FOUNDATION, HALIFAX, N.S. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 16, NO. 4, SEPT. 1950. PP.493-501.
NR-G9-00-000-01121	ICE-COVER SURVEYS IN THE GULF OF ST. LAWRENCE BY RADAR. H.L. CAMERON, MCADIA UNIVERSITY, NOVA SCOTIA, CANADA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 30, NO. 5, 1964. PP.833-841.
NR-G9-00-000-01122	EXPLORING THE OCEAN - TECHNIQUES IN SOUND. FRANK H. VANZUTPHEN, EDO (CANADA) LTD. PUBLISHED IN ELECTRONICS AND COMMUNICATIONS, VOL. 12, NO. 11, NOV. 1964. PP.23-24, 33-42.
NR-G9-JH-710-01123	SENSING OCEAN CURRENTS FROM SPACE. RAYMOND M. NELSON, INSTITUTE FOR OCEANOGRAPHY, ESSA. PUBLISHED IN OCEAN INDUSTRY, VOL. 2, NO. 5, MAY 1967. PP.40-42.
NR-G9-00-000-01124	WATER CURRENT AND MOVEMENT MEASUREMENT BY TIME-LAPSE AIR PHOTOGRAPHY. HARCOURT L. CAMERON, NOVA SCOTIA RESEARCH FOUNDATION, HALIFAX, NOVA SCOTIA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 28, NO. 1, MARCH 1962. PP.158-163.
NR-G9-00-000-01125	USING INFRARED TO MEASURE HEAT FLOW FROM THE SEA. E.D. MCALISTER, SCRIPPS INSTITUTE OF OCEANOGRAPHY, SAN DIEGO, CALIFORNIA. PUBLISHED IN OCEAN INDUSTRY, VOL. 2, NO. 5, MAY 1967. PP.35-39.
NR-G9-00-000-01126	HOW SPACE RESEARCH CAN HELP DEVELOP FISHERIES. WILBERT MCLEOD CHAPMAN, VAN CAMP SEA FOOD DIV., RALSTON-PURINA CO. PUBLISHED IN OCEAN INDUSTRY, VOL. 2, NO. 5, MAY 1967. PP.43-49.
NR-G9-EJ-130-01127	SOME TIME AND SPACE RESOLUTION REQUIREMENTS FOR SPACE OCEANOGRAPHY. ROBERT E. STEVENSON, BUREAU OF COMMERCIAL FISHERIES, GALVESTON, TEXAS. PRESENTED AT INSTRUMENT SOCIETY OF AMERICA, ANNUAL CONFERENCE, 24TH, HOUSTON, TEXAS, OCT. 1969, PROCEEDINGS. ISA, PITTSBURGH, ADVANCES IN INSTRUMENTATION, VOL. 24, PART 3, 1969. PP.636-1-636-4. A70-18593
NR-G9-GH-998-01130	SPACE PHOTOGRAPHY OF SOME OCEANIC PHENOMENA AND COASTAL PROCESSES. JAMES S. BAILEY AND ROBERT E. STEVENSON, BUREAU OF COMMERCIAL FISHERIES, GALVESTON, TEXAS. PUBLISHED IN IEEE, NATIONAL TELEMETERING CONFERENCE, RECORD, 1968. PP.296-300.
NR-G9-EJ-000-01134	RADIOMETRIC DETECTION OF OIL SLICKS. FINAL REPORT. A.T. EDGERTON AND D.T. TREXLER, AEROMET-GENERAL CORP., EL MONTE, CALIFORNIA. JAN. 1970. REPORT NO. SD 1335-1. CONTRACT NO. DOD-CG-93, 228A. AD-702 402 N70-36217 W71-01144 MICROFICHE AND HARD COPY.
NR-G9-HJ-998-01142	COMPARISONS OF REMOTE AIRBORNE OCEANOGRAPHIC SENSORS. TECHNICAL REPORT NO. TR-204. CLINTON F. BECKNER, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. JULY 1968.
NR-G9-GH-155-01147	THE FEASIBILITY OF DETECTION AND CLASSIFICATION OF FISH OIL SLICKS BY REMOTE SENSING. BARRINGER RESEARCH LIMITED, ONTARIO, CANADA. REPORT NO. TR-68-54. FEB. 1968. N69-21068, NASA-CR-100466. MICROFICHE AND HARD COPY.
NR-G9-00-000-01157	THE AIRBORNE RADIATION THERMOMETER ON THE PACIFIC COAST OF CANADA. J.P. TULLY, FISHERIES RESEARCH BOARD OF CANADA, PACIFIC OCEANOGRAPHIC GROUP, NANAIMO, B.C. APRIL 1964.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01158	SLAR IMAGERY FOR SEA ICE STUDIES. RICHARD A. BRADIE, RAYTHEON/AUTOMETRIC, ALEXANDRIA, VA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NO. 7, 1967. PP.763-766.
NR-G9-LL-166-01171	WORLDWIDE OCEANIC WIND AND WAVE PREDICTIONS USING A SATELLITE RADAR RADIOMETER. RICHARD K. MOORE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, AND WILLARD J. PIERSON, JR., NEW YORK UNIVERSITY, BRONX, NEW YORK. PRESENTED AT THE AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING ANNAPOLIS, MD., MARCH 1970, PAPER NO. 70-310. A70-22877.
NR-G9-GJ-239-01174	GREAT LAKES WATER TEMPERATURES BY AERIAL SURVEY. T.L. RICHARDS, METEOROLOGICAL SERVICE OF CANADA, PUBLISHED IN THE INTERNATIONAL ASSOCIATION OF SCIENTIFIC HYDROLOGY, NO. 70, 1966. PP.406-419.
NR-G9-00-000-01176	TO HUNT AN ICEBERG - MICROWAVE RADIOMETRY. ENSIGN CHARLES W. JUDGE, U.S. COAST GUARD. PUBLISHED IN GEOMARINE TECHNOLOGY, VOL. 1, NO. 3, FEB. 1965. PP.29-31.
NR-G9-HJ-998-01190	THE HORIZONTAL EXTENT AND PERSISTENCE OF THERMAL FRONTS IN THE SARGASSO SEA. ARTHUR D. VOORHIS, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS. PUBLISHED IN DEEP-SEA RESEARCH, SUPPLEMENT TO VOL. 16, 1969. PP.331-337. CONTRACT NO. NONR-2196(01). AD-699 886.
NR-G9-GJ-000-01200	DEVELOPMENT AND EVALUATION OF PROCEDURE FOR USING AERIAL PHOTOGRAPHS TO CONDUCT A SURVEY OF COASTAL EROSION. DONALD BENNETT STAFFORD, (PH.D THESIS) NORTH CAROLINA STATE UNIV., NORTH CAROLINA. ABSTRACT PUBLISHED IN DISSERTATION ABSTRACTS, VOL. 29, 1969. PP.4163B-4164B. N70-10073
NR-G9-00-000-01201	OCEAN SURFACE ENVIRONMENT DEFINITION UTILIZING LASER TECHNIQUES. RONALD L. KIRK, ELECTRO-OPTICAL SYSTEMS, INC., PASADENA, CALIF. PUBLISHED IN IEEE INTERNATIONAL CONVENTION RECORD, 1967. ANNUAL, PART 8, MARCH 1967. PP.84-93. CONTRACT NO. NOW 66-0509-C.
NR-G9-00-000-01205	UTILIZATION OF SATELLITE PHOTOS FOR ICE INTELLIGENCE. GABRIEL J. POTOCKY, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. PRESENTED AT THE AMERICAN GEOPHYSICAL UNION, 49TH ANNUAL MEETING, APRIL 1968. PUBLISHED IN AMERICAN GEOPHYSICAL UNION TRANSACTIONS, VOL. 49, NO. 1, MARCH 1968. PP.219-223.
NR-G9-00-000-01206	COLOR ENHANCEMENT OF NIMBUS HIGH RESOLUTION INFRARED RADIOMETER DATA. E.R. KREINS, U.S. AIR FORCE, ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER, WASHINGTON, D.C. AND L.J. ALLISON, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 3, MARCH 1970. PP.681-686. A70-25636.
NR-G9-00-000-01210	A PHOTOGRAPHIC MEANS OF OBTAINING MONOCHROMATIC SPECTRA OF MARINE ALGAE. S.R. BAIG AND C.S. YENTSCH, NOVA UNIVERSITY, FORT LAUDERDALE, FLORIDA. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 12, DEC. 1969. PP.2566-2568.
NR-G9-00-000-01211	VIEW OF THE OCEAN FROM SPACE. BUREAU OF COMMERCIAL FISHERIES BIOLOGICAL LAB. (GALVESTON) CONTRIBUTION NO. 259. ROBERT E. STEVENSON, BUREAU OF COMMERCIAL FISHERIES BIOLOGICAL LAB., GALVESTON, TEXAS.
NR-G9-GJ-998-01212	APPLICATION OF INFRARED MEASURING TECHNIQUES TO THE REMOTE SENSING OF WATER SURFACE TEMPERATURE. MORRIS WEISS, BARNES ENGINEERING CO., STAMFORD, CONN. PUBLISHED IN CANADIAN AERONAUTICS AND SPACE JOURNAL, VOL. 15, NO. 5, MAY 1969. PP.165-172.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-HJ-998-01213	DATA HANDLING, DATA ANALYSIS AND GROUND VERIFICATION OF COLOR AND MULTI-SPECTRAL IMAGERY FOR COASTAL SURVEYING. ALFRED C. CONROD AND EDWIN A. OLSSON, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. CONTRACT NUMBER NAS 12-2213. PUBLISHED IN AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. PAPER NO. 70-299. A70-22885.
NR-G9-00-000-01214	THE RELATION OF BACKSCATTERED RADIATION TO WIND-STRESS AT THE SEA SURFACE. FINAL REPORT 1967. SIO REFERENCE SERIES 67-28. CHARLES COX, UNIVERSITY OF CALIFORNIA, SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIF. CONTRACT NO. N62306-1165.
NR-G9-00-000-01217	AERIAL MEASUREMENT OF SEA-SURFACE TEMPERATURE IN THE INFRARED. PETER M. SAUNDERS, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 72, NO. 16, AUG. 1967. PP.4109-4117.
NR-G9-00-000-01218	EFFECT OF TEMPERATURE, ANGLE OF OBSERVATION, SALINITY, AND THIN ICE ON THE MICROWAVE EMISSION OF WATER. V.A. SIRONJIAN DOUGLAS AIRCRAFT COMPANY, SANTA MONICA, CALIF. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 73, NO. 14, JULY 1968. PP.4481-4486. A68-35784
NR-G9-00-000-01223	OCEAN WAVE PROFILE RECORDER. AN OCEANOGRAPHIC INSTRUMENT TRANSPORTABLE BY HELICOPTER. E.B. CROSON, U.S. NAVAL MISSILE CENTER, POINT MUGU, CALIF. JULY 1966. REPORT NO. TM-66-33.
NR-G9-GH-000-01225	AEROMAGNETIC SURVEY OF TAMPICO BANK. U.S. NAVAL OCEANOGRAPHIC OFFICE. LEONARD S. DENNIS AND PATRICK T. TAYLOR, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. DEC. 1967. REPORT NO. IR-67-89.
NR-G9-HH-092-01229	AN EXPERIMENTAL STUDY OF A SEA CLUTTER MODEL. NORMAN W. GUINARD AND JOHN C. DALEY, NAVAL RESEARCH LAB., WASHINGTON, D.C. PUBLISHED IN THE PROCEEDINGS OF THE IEEE, VOL. 58, NO. 4, APRIL 1970. PP.543-550.
NR-G9-00-000-01231	SEA CLUTTER MEASUREMENTS BY A FOUR-FREQUENCY RADAR. M.B. LAING, NAVAL RESEARCH LAB., WASHINGTON, D.C. PRESENTED AT EASCON 69, IEEE ELECTRONICS AND AEROSPACE SYSTEMS CONVENTION, WASHINGTON, D.C. OCT. 1969, RECORD, PP.286-293.
NR-G9-00-000-01235	A STUDY OF THE MECHANISM OF SEA SURFACE SCATTERING. J.D. DELORENZO, SPERRY RAND RESEARCH CENTER, SUDBURY, MASS. AND E.S. CASSEDY, POLYTECHNIC INSTITUTE OF BROOKLYN, BROOKLYN, NEW YORK. PUBLISHED IN IEEE TRANSACTIONS OF ANTENNAS AND PROPAGATION, VOL. AP-14, NO. 5, SEPT. 1966. PP.611-620.
NR-G9-00-000-01243	MICROWAVE REFLECTIVE PROPERTIES OF WATER SURFACES. I - THE REFLECTIVITY OF SMOOTH WATER AT 19.24 AND 22.43 GHZ AS MEASURED WITH A FREE-WAVE MICROWAVE REFLECTOMETER. EDGAR J. THOMPSON AND ROBERT W. SILBERBERG, NORTH AMERICAN ROCKWELL CORP., DOWNEY, CALIF. IN IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, VOL. MTT-16, NO. 11, NOV. 1968. PP.938-943.
NR-G9-00-000-01244	INFLUENCE OF CLOUDS ON MICROWAVE BRIGHTNESS TEMPERATURES VIEWING DOWNWARD OVER OPEN SEAS. W.T. KREISS, HOEING SCIENTIFIC RESEARCH LAB., SEATTLE, WASH. IN IEEE PROCEEDINGS, VOL. 57, NO. 4, APRIL 1969. PP.440-446.
NR-G9-00-000-01245	APPARENT TEMPERATURE OF THE SEA AT MICROWAVE FREQUENCIES. A. STOGRYN, SPACE-GENERAL CORP., EL MONTE, CALIF. IN IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-15, NO. 2, MARCH 1967. PP.278-286.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01247	SURFACE EVALUATION AND DEFINITION (SUEDE) PROGRAM. FINAL REPORT. REPORT NO. EOS-7067-FINAL. RONALD L. KIRK, ELECTRO-OPTICAL SYSTEMS, INC., PASADENA, CALIF. DEC. 1966. CONTRACT NO. NOW 66-0509-C. N67-26255.
NR-G9-00-000-01248	SATELLITE INFRARED OBSERVATION OF ARCTIC SEA ICE. JAMES C. BARNES, DAVID T. CHANG, AND JAMES H. WILLAND, ALLIED RESEARCH ASSOCIATES, INC., VIRGINIA ROAD, CONCORD, MASS. IN AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970. PAPER NO. 70-301. 6P. CONTRACT NUMBER N62306-68-C-0276. A70-22884.
NR-G9-DK-000-01249	CURRENTS AT THE MOUTH OF THE COLUMBIA RIVER. ALYN C. DUXBURY, UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NO. 3, MARCH 1967. PP.305-311.
NR-G9-00-000-01250	DETERMINATION OF HYDRO-OPTICAL CHARACTERISTICS ON THE BASIS OF AIRBORNE MEASUREMENT OF THE SPECTRAL LUMINANCE FACTORS OF THE SEA. I.V. SEMENCHENKO, LABORATORY OF AERIAL METHODS, LENINGRAD, USSR. IN OCEANOLOGY, VOL. 6, NO. 6, AUG. 1967. PP.861-867.
NR-G9-00-000-01251	INSTRUMENT ARRAYS FOR DEEP SUBMERSIBLES. H.L.C. HASCALL, NAVAL UNDERSEA WARFARE CENTER, PASADENA, CALIF. IN ASTRO-NAUTICS AND AERONAUTICS, VOL. 7, NO. 4, APRIL 1969. PP.56-65.
NR-G9-00-000-01252	STUDY OF SHORE PROCESSES WITH AID OF AERIAL PHOTOGRAMMETRY. CHOULE J. SONU, COASTAL ENGINEERING LAB., UNIVERSITY OF FLORIDA, CORAL GABLES, FLORIDA. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 30, NO. 6, 1964. PP.932-941.
NR-G9-00-000-01254	A MULTIPLE PURPOSE OPTICAL INSTRUMENT FOR STUDIES OF SHORT STEEP WATER WAVES. TECHNICAL REPORT 231-19. JIN WU, J. LAWRENCE, ET AL., HYDRONAUTICS, INC., PINDELL SCHOOL ROAD, LAUREL, MARYLAND.
NR-G9-00-000-01255	COMPATIBILITY OF AIRCRAFT AND SHIPHORNE INSTRUMENTS USED IN AIR-SEA INTERACTION RESEARCH. JAMES D. MCFADDEN AND J.W. WILKERSON, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. SEA AIR INTERACTION LABORATORY, ESSA, SILVER SPRING, MD. IN MONTHLY WEATHER REVIEW, WASHINGTON, D.C., VOL. 95, NO. 12, DEC. 1967. PP.936-941.
NR-G9-00-000-01256	EXPLORATION GEOLOGY TO BE ASSISTED BY AIR AND SPACEBORNE REMOTE SENSORS. W.D. CARTER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT GEOLOGICAL SOCIETY OF AMERICA, NORTHEAST SECTION, WASHINGTON, D.C., FEB. 1968. 11P.
NR-G9-HJ-138-01257	GULF STREAM WALL CHARTED FOR ASW. ROBERT W. NIBLOCK. IN MISSILES AND ROCKETS, WASHINGTON, D.C., VOL. 18, NO. 19, MAY 1966. PP.40-41.
NR-G9-00-000-01258	ABSORPTION OF SOLAR RADIATION IN TROPICAL REGIONS. T.H. VONDER HAAR AND K.J. HANSON, SPACE SCIENCE AND ENGINEERING CENTER, UNIVERSITY OF WISCONSIN, MADISON, WIS. IN JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 26, JULY 1969. PP.652-655. A69-38058.
NR-G9-00-000-01259	SEA-SURFACE TEMPERATURES IN THE WAKE OF HURRICANE BETSY (1965). JAMES D. MCFADDEN, SEA-AIR INTERACTION LABORATORY, INSTITUTE FOR OCEANOGRAPHY, ESSA, SILVER SPRING, MD. IN MONTHLY WEATHER REVIEW, WASHINGTON, D.C., VOL. 95, NO. 5, MAY 1967. PP.299-302.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01260	COASTAL WATER CLARITY FROM SPACE PHOTOGRAPHS. L.K. LEPLY, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 34, NO. 7, JULY 1968. PP.667-674.
NR-G9-00-000-01264	DIRECT ILLUSTRATION OF ONE WAY SAND TRANSPORT BY TIDAL CURRENTS. ROBERT H. BELDERSON AND NEIL H. KENYON, NATIONAL INSTITUTE OF OCEANOGRAPHY, GODALMING, ENGLAND. IN JOURNAL OF SEDIMENTARY PETROLOGY, VOL. 39, NO. 3, SEPT. 1969. PP.1249-1250. W70-00436.
NR-G9-00-000-01265	DETERMINING THE THICKNESS OF ICE FLOES BY STEREOPHOTOGRAMMETRIC ANALYSIS OF AERIAL PHOTOGRAPHS. V.A. VOYEVODIN AND L.V. MIROMOV, STATE OCEANOGRAPHIC INSTITUTE, LENINGRAD, USSR. IN OCEANOLOGY, VOL. 8, NO. 2, DEC. 1968. PP.264-271
NR-G9-JK-998-01266	REMOTE SENSING OF THE OCEANS. KURT R. STEHLING, STAFF CONSULTANT FOR ESSA, EDITOR OF ASTRONAUTICS AND AERONAUTICS. IN ASTRONAUTICS AND AERONAUTICS, VOL. 7, NO. 5, MAY 1969. PP.62-67.
NR-G9-00-000-01270	SATELLITES CAPABLE OF OCEANOGRAPHIC DATA ACQUISITION--A REVIEW. PAUL E. LA VIOLETTE AND SANDRA E. SEIM, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C.
NR-G9-JK-087-01271	AERIAL ICE RECONNAISSANCE AND ICE ADVISORY SERVICE CANADIAN ARCTIC, APRIL 10-NOV. 15, 1970. CANADA - METEOROLOGICAL BRANCH, TORONTO, ONTARIO. JULY 1970.
NR-G9-00-000-01274	EMISSION, REFLECTION, AND ABSORPTION OF MICROWAVES AT A SMOOTH AIR-WATER INTERFACE. H.A. HYATT, MCDONNELL DOUGLAS ASTRONAUTICS CO., SANTA MONICA, CALIF. IN JOURNAL OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER, VOL. 10, APRIL 1970. PP.217-246. A70-27169.
NR-G9-FH-998-01277	A LASER PROFILOMETER. WILEY S. OLSEN AND ROBERT M. ADAMS, UNIVERSITY OF TEXAS, AUSTIN, TEXAS. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 12, APRIL 20, 1970. PP.2185-2187 A70-28003.
NR-G9-QJ-000-01280	OBLIQUE WAVE PHOTOGRAPHY WITH A SINGLE AERIAL SURVEY CAMERA FROM AN AIRPLANE. US. S. KORSHUNOV, USSR. IN SOVIET OCEANOGRAPHY TRANSACTIONS, VOL. 28, NO. 2, 1963 SERIES (JAN. 1965). PP.56-58. TRANSLATION FROM AKADEMIIA NAUK SSSR, MORSKOI GIDROFIZICHESKII INSTITUT, TRUDY, 1963.
NR-G9-HJ-998-01281	REMOTE SENSING OF COASTAL WATERS USING MULTISPECTRAL PHOTOGRAPHIC TECHNIQUES. FINAL TECHNICAL REPORT. REPORT NO. SERG-TR-10. EDWARD YOST AND SONDR A WENDEROTH, LONG ISLAND UNIVERSITY, GREENVALE, N.Y. SCIENCE ENGINEERING RESEARCH GROUP. CONTRACT NO. N00014-67-C-0281. AD-705 116. N70-32264. MICROFICHE AND HARD COPY.
NR-G9-00-000-01282	SPECIALLY EQUIPPED AIRCRAFT USED FOR OCEAN THERMAL MAPPING. STAFF, U.S. NAVAL OCEANOGRAPHIC OFFICE, SUITLAND, MD. IN UNDERSEA TECHNOLOGY, VOL. 11, NO. 7, JULY 1970. PP.32-34.
NR-G9-00-000-01286	SPACE OCEANOGRAPHY, POTENTIAL AND USE. L.A. CHENEY, GENERAL ELECTRIC COMPANY, PHILADELPHIA, PA. AT AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHILADELPHIA, PA. OCT. 1968, AIAA PAPER NO. 68-1078.
NR-G9-HJ-151-01287	SENSING SEA-SURFACE TEMPERATURE BY AIRBORNE IR. ALBERT H. OSHIVER AND GEORGE A. BERBERIAN, U.S. COAST AND GEODETIC SURVEY. IN GEOMARINE TECHNOLOGY, VOL. 1, NO. 4, MARCH 1965. PP.22-26.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01295	SUN GLITTER VIEWED FROM SPACE. STANLEY D. SOULES, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. IN DEEP-SEA RESEARCH AND OCEANOGRAPHIC ABSTRACTS, VOL. 17, 1970. PP.191-195. A70-30345.
NR-G9-BH-057-01299	SPACE GEODESY ALTIMETRY VERIFICATION EXPERIMENT DESIGN STUDY (VEDS). FINAL REPORT. APRIL 1970. REPORT NO. SR70-4108. RAYTHEON COMPANY, EQUIPMENT DIV., WAYLAND LABORATORIES, SUDBURY, MASS. CONTRACT NO. NASW-1920. N71-14791 NASA-CR-115897. 300P. MICROFICHE AND HARD COPY.
NR-G9-00-000-01300	SPACE GEODESY ALTIMETRY STUDY. FINAL REPORT. OCT. 1968. REPORT NOS. NASA CR-1298, R68-4459. RAYTHEON COMPANY, SPACE AND INFORMATION SYSTEMS DIV., SUDBURY, MASS. CONTRACT NO. NASW-1709. N69-21117.
NR-G9-00-000-01301	SPACE GEODESY AIRCRAFT EXPERIMENT. FINAL REPORT. MAY 1970. RAYTHEON COMPANY, EQUIPMENT DIV., WAYLAND LABORATORIES, SUDBURY, MASS. CONTRACT NO. NASW 1932.
NR-G9-00-000-01309	AERIAL ICE RECONNAISSANCE AND ICE ADVISORY SERVICES, HUDSON BAY AND APPROACHES, APRIL 15-NOV. 15, 1970. CANADA, METEOROLOGICAL BRANCH, TORONTO, ONTARIO. JULY 1970.
NR-G9-00-000-01313	WATER DEPTHS FROM AERIAL PHOTOGRAPHS. G.C. TEWINKEL, U.S. COAST AND GEODETIC SURVEY, WASHINGTON, D.C., AND M.C. VAN WIJK, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA, CANADA. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 29, 1963. PP.1037-1042 DISCUSSION PAPER BY M.C. VAN WIJK IN PHOTOGRAMMETRIC ENGINEERING, VOL. 30, NO. 4, 1964. PP.847.
NR-G9-00-000-01314	RADIATION THERMOMETRY IN THE ATMOSPHERE. CANADA, FISHERIES RESEARCH BOARD, PACIFIC OCEANOGRAPHIC GROUP, NANAIMO, B.C. CIRCULAR 1964-6, APRIL 1964. W.H. BELL, FISHERIES RESEARCH BOARD OF CANADA, PACIFIC OCEANOGRAPHIC GROUP, NANAIMO, B.C.
NR-G9-00-000-01316	REMOTE TEMPERATURE SENSING. MORRIS WEISS, BARNES ENGINEERING CO., STAMFORD, CONN. IN OCEANOLOGY INTERNATIONAL, VOL. 3, NO. 6, SEPT./OCT. 1968. PP.44-47.
NR-G9-00-000-01321	OCEANOGRAPHIC APPLICATIONS AND LIMITATIONS OF SATELLITE REMOTE SENSORS. ROBERT E. STEVENSON, U.S. BUREAU OF COMMERCIAL FISHERIES, GALVESTON, TEXAS. AT THE AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER NO. 70-306. A70-22880.
NR-G9-GJ-252-01323	PASSIVE MICROWAVE MEASUREMENTS OF SEA SURFACE TEMPERATURE. FINAL REPORT. REPORT NO. SED-R-3525. DON G. SHIPLEY AND KENNETH J. TOROK, RCA CORP., PRINCETON, N.J. DEC. 1969. CONTRACT NO. N00014-69-C-0245. N70-27958 AD-702 044.
NR-G9-HJ-086-01326	OCEANOGRAPHIC RESEARCH AT M.I.T., IN THE DEPT. OF EARTH AND PLANETARY SCIENCES AND THE DEPT. OF METEOROLOGY. ANNUAL REPORT, JAN-DEC. 1969. ROBERT C. BEARDSLEY, SHAWN BIEHLER, ET AL., MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. MARCH 1970. CONTRACT NOS. NONR-1841(74) AND N00014-67-A-0204-0024. MICROFICHE COPY. AD-704 604. N70-36268
NR-G9-CL-998-01328	U.S. NAVAL ARCTIC RESEARCH LABORATORY DEDICATION SYMPOSIUM, FAIRBANKS, ALASKA, APRIL 1969, PROCEEDINGS. REPORT NOS. AINA-TR-3, AND TR1947. A.P.B. MONSON AND J.E. SATER, ARCTIC INSTITUTE OF NORTH AMERICA, WASHINGTON, D.C. IN ARCTIC, JOURNAL OF THE ARCTIC INSTITUTE OF NORTH AMERICA, VOL. 22, NO. 3, SEPT. 1969. PP.173-364. CONTRACT NO. NONR-3996(01). MICROFICHE COPY. AD-899 968 N70-25280.



TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-BH-057-01329	FLIGHTS WITH AIRBORNE RADIATION THERMOMETERS IN HAWAIIAN WATERS. REPORT NO. HIG-70-5. KLAUS WYRTKI, UNIVERSITY OF HAWAII, HONOLULU, HAWAII. FEB. 70. MICROFICHE COPY. AD-704 538 N70-36303
NR-G9-00-000-01330	AN ISOSTATIC STUDY OF NORTHERN AND CENTRAL GREENLAND BASED ON GRAVITY VALUES AND AIRBORNE RADAR ICE-THICKNESS MEASUREMENTS. FINAL REPORT, SEPT. 67-FEB. 69. REPORT NO. NCEL-TR-619. EDMUND FRANK PAWLOWICZ, U.S. NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, CALIF. MARCH 1969. MICROFICHE COPY. AD-685 237 N69-29858.
NR-G9-DJ-211-01332	TIDAL FLAT SEDIMENTATION AT COOLEY LANDING, S.W. SAN FRANCISCO BAY. TECHNICAL REPORT. RAYMOND PESTRONG, SAN FRANCISCO STATE COLLEGE, SAN FRANCISCO, CALIF. STANFORD UNIVERSITY, STANFORD, CALIF. 1969. MICROFICHE COPY. AD-702 059.
NR-G9-00-000-01335	OCEANOGRAPHIC SPECTRAL PHOTOGRAPHY, PART I--BASIC INVESTIGATIONS. VIDYA REPORT NO. 219. E.A. BAILEY, ITEK CORP, PALO ALTO, CALIF. AUG. 1966. CONTRACT NO. NONR-4786(00). MICROFICHE COPY. AD-634 748.
NR-G9-00-000-01338	SCINTILLATION RANGE NOISE AND RELATED PHENOMENA IN WATER WAVE PROFILING WITH MICROWAVE RADAR. INTERIM REPORT. REPORT NO. NRL-6641. ARNO M. KING, C.M. MORROW, C.G. MYERS, AND C.L. MOODY, U.S. NAVAL RESEARCH LABORATORY, WASHINGTON, D.C. SEPT. 1968. MICROFICHE COPY. AD-677 030
NR-G9-HJ-998-01339	OPTICAL PROPERTIES OF SEA WATER OF THE NORTH ATLANTIC OCEAN AT ARGUS ISLAND AND BLOCK ISLAND SOUNDS AT LONG ISLAND. PHASE REPORT. REPORT NO. NADC-AE-6918. R. MORRISON, U.S. NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, PA. FEB. 1970. MICROFICHE COPY. AD-703 215 N70-31629
NR-G9-00-000-01342	MARINE MULTIPASS PHOTOMETER-TRANSPARENCY METER. (MORSKOI MNOCOKHODOVOI FOTOMETRPROZRAČNOMER). G.G. NEUYMIN AND E.A. AGAFONOV, USSR. TRANSLATION OF OPTIKO-MEKHANICHESKAYA PROMYSHLENNOST' (USSR), VOL. 35, NO. 6, 1968. PP.31-36. MICROFICHE COPY. AD-703 817
NR-G9-00-000-01347	THE EMISSIVE POWER OF WATER IN THE INFRARED REGION OF THE SPECTRUM. TRANSLATION OF IZLUCHATELNAYA SPOSOBNOST VODY V INFRAKRASNOY OBLASTI SPEKTRA. REPORT NO. NASA-TT-F-319. M. A. BRAMSON, I.L. ZELMANOVICH, AND G.I. KULSHOVA, USSR. IN GLAVNOE GEOFIZICHESKII OBSERVATORII IM. A.I. VOYEKOVA, TRUDY, NO. 152, 1964. PP.31-67. MICROFICHE COPY. N65-20880
NR-G9-00-000-01349	BEACH EROSION BOARD. BULLETIN, VOL. 4, NO. 4, OCT. 1950. PROFESSOR VALFRID PALENGREN MUNCH-PETERSEN, WILLARD BASCOM, U.S. ARMY CORPS OF ENGINEERS, WASHINGTON, D.C. MICROFICHE COPY. AD-700 669
NR-G9-00-000-01354	SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY AND SPACE, NO. 221. FEB. 1970. MICROFICHE COPY. N70-24792 THRU N70-24797.
NR-G9-00-000-01356	INVESTIGATION OF TEMPERATURE FLUCTUATIONS NEAR THE AIR-SEA INTERFACE. JAMES ROBERT RAMZY AND ERNEST TILLSON YOUNG, U.S. NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. DEC. 1968. MICROFICHE COPY. AD-705 080
NR-G9-DJ-211-01358	AN OCEANOGRAPHIC SURVEY OF THE COASTAL WATERS BETWEEN SAN FRANCISCO BAY AND MONTEREY BAY, CALIFORNIA. PETER STEPHEN LABYAK, U.S. NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. OCT. 1969. MICROFICHE COPY. AD-703 645 N70-32645

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01371	A TWO-WAVELENGTH MICROWAVE RADIOMETER FOR MEASUREMENT OF THE TOTAL HEAT EXCHANGE AT THE AIR-SEA INTERFACE. E.D. MCALISTER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIF., SAN DIEGO, CALIF. IN APPLIED OPTICS, VOL. 4, NO. 1, JAN. 1965, P.145-146.
NR-G9-00-000-01374	SOME SMALL CONSIDERATIONS OF THE EFFECT OF CLOUD ON AN AIRBORNE RADIATION THERMOMETER. REPORT NO. CIRCULAR 1963-2. H.G. ANDERSEN, FISHERIES RESEARCH BOARD OF CANADA, PACIFIC OCEANOGRAPHIC GROUP, NANAIMO, BRITISH COLUMBIA, CANADA. MARCH 1962.
NR-G9-00-000-01375	REFLECTIVITY OF ELECTROMAGNETIC WAVES AT AN AIR-WATER INTERFACE FOR PURE AND SEA WATER. REPORT NO. TECHNICAL REPORT NO. 24. LARRY K. LEPLEY AND WILLIAM M. ADAMS, UNIVERSITY OF HAWAII, HONOLULU, HAWAII.
NR-G9-00-000-01378	TECHNICAL DATA ON AIRBORNE SEA SWELL RECORDER. REPORT NO. 10101. HAZELTIME CORPORATION, LITTLE NECK, NEW YORK. FEB. 1963.
NR-G9-CK-000-01383	ASSESSMENT OF TEMPERATURE STRUCTURE IN THE EASTERN SUBARCTIC PACIFIC OCEAN. MANUSCRIPT REPORT SERIES (OCEANOGRAPHIC AND LIMNOLOGICAL) NO. 103. JOHN P. TULLY, FISHERIES RESEARCH BOARD OF CANADA, NANAIMO, B.C., CANADA. NOV. 1961.
NR-G9-CK-000-01384	REPORT ON THE FLYING OF THE AIRBORNE RADIATION THERMOMETER. REPORT NOS. CIR-377A AND TEC-445. W.J. SOWDEN, CANADA DEPT. OF TRANSPORT, METEOROLOGICAL BRANCH, TORONTO, ONTARIO, CANADA. DEC. 1962.
NR-G9-00-000-01390	THE MEASUREMENT OF OBJECTS IN OPEN SEA WITH THE AID OF PHOTOGRAPHY. (IZMERENIE PREDMETOV V OTKRYTOM MORE S POMOSHCHYU FOTOGRAFIROVANIYA) V.L. LEBEDEV, USSR TRANSLATION OF GOSUDARSTVENNYI OKEANOGRAPICHESKII INSTITUT. TRUDY (USSR), VOL. 40, 1957. PP.156-162. AD-705 815 N70-34287
NR-G9-00-000-01391	UNDERWATER VISIBILITY OF OBJECTS IN OPEN WATER BASINS. (PODVODNAYA VIDIMOST OBYEKTOV V OTKRYTYKH VODOEMAX) O.A. SOKOLOV, USSR TRANSLATION OF OKEANOLOGIYA (USSR), VOL. 4, NO. 4, 1964. PP.564-573. AD-705 816 N70-34208
NR-G9-DJ-000-01397	PROGRESS ON AIRBORNE INFRARED SEA SURFACE TEMPERATURE SURVEYS OF THE EASTERN PACIFIC CONTINENTAL SHELF. JAMES L. SQUIRE, JR., BUREAU OF SPORT FISHERIES AND WILDLIFE, TIBURON MARINE LAB., BELVEDERE-TIBURON, CALIF. IN MARINE TEMPERATURE MEASUREMENTS, SYMPOSIUM, MARINE TECHNOLOGY SOCIETY, ANNUAL CONFERENCE, 5TH, MIAMI, FLA., JUNE 1969, TRANSACTIONS. PP.209-226.
NR-G9-00-000-01401	A STUDY ON A CONTROLLED SURFACE ACOUSTIC SIMULATOR OF BACKSCATTERING FROM OCEANIC SURFACES. REPORT NO. CRES TM 112-7. A. ZACHS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. JUNE 1969. CONTRACT NO. N62306-67-C-0044.
NR-G9-00-000-01423	DOPPLER SPECTRUM OF SEA ECHO AT 13.56 MC/S. D.D. CROMBIE, DOMINION PHYSICAL LAB., LOWER HUTT, NEW ZEALAND. IN NATURE, VOL. 175, NO. 4459, APRIL 16, 1955. PP.681-682.
NR-G9-00-000-01428	PASSIVE MICROWAVE RADIOMETRY OF SEA STATE. REPORT NO. DAC-60-786. V.A. SIROUNIAN, DOUGLAS AIRCRAFT CO., DOUGLAS MISSILE AND SPACE SYSTEMS DIV., SANTA MONICA, CALIF. SEPT. 1967.

5

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-HJ-138-01432	AERIAL OBSERVATIONS OF THE SEA SURFACE OFF THE ATLANTIC COAST OF THE UNITED STATES. K.O. EMERY, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS. IN SCIENTIFIC EXPERIMENTS FOR MANNED ORBITAL FLIGHT, GODDARD MEMORIAL SYMPOSIUM, 3RD, WASHINGTON, D.C., MARCH 1965, PROCEEDINGS. (AAS SCIENCE AND TECHNOLOGY SERIES.) VOL. 4, PP.171-182. WOODS HOLE OCEANOGRAPHIC INSTITUTION, CONTRIBUTION NO. 1602.
NR-G9-GH-128-01443	AN AIRBORNE MEASUREMENT OF THE SALINITY VARIATIONS OF THE MISSISSIPPI RIVER OUTFLOW. J.D. DROPPLEMAN, AND R.A. MENNELLA, LOCKHEED ELECTRONICS, HOUSTON, TEXAS, AND D.E. EVANS, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. IN - JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 30, OCT. 20, 1970. PP.5909-5913. A70-45979 W71-00562
NR-G9-GH-162-01447	RADAR SEA STATE ANALYZER, MAY 68-AUG. 69. FINAL REPORT. REPORT NOS. ML 70012 AND B8765-1. GEORGE F. ANDREWS AND HOMER W. HISER, UNIVERSITY OF MIAMI, MIAMI, FLA. DEC. 1969. CONTRACT NO. N00019-68-C-0393. N70-30327 AD-702 469
NR-G9-00-000-01450	HEAT AND MASS BUDGET OF ARCTIC ICE, SEA ICE DRIFT, MICROMETEOROLOGY, RADIATION, ATMOSPHERIC CHEMISTRY, AND ARCTIC OCEANOGRAPHY. FINAL REPORT, SEPT. 58-SEPT. 68. UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON. DEC. 1969. CONTRACT NOS. NR 307-252 AND NONR-477(24). AD-698 305 N70-23462
NR-G9-00-000-01451	APPLICATIONS OF ENVIRONMENTAL SATELLITE DATA TO OCEANOGRAPHY AND HYDROGRAPHY. ESSA TECHNICAL MEMORANDUM NESCTM 19. E. PAUL MCCLAIN, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. JAN. 1970. N70-26957 PB-190 652
NR-G9-GJ-167-01458	AERIAL MAPPING OF SURFACE TEMPERATURE PATTERN OF LAKE MICHIGAN. J.D. MCFADDEN AND R.A. RAGOTZKIE, UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN. UNIVERSITY OF MICHIGAN, GREAT LAKES RESEARCH DIV., ANN ARBOR, MICHIGAN. PUBLICATION NO. 10, 1963. PP.55-58. CONTRACT NO. NONR 1202(07)
NR-G9-HH-237-01462	TEKTITE - FROM SPACE TO SEA. HOWARD M. WITTNER, GENERAL ELECTRIC CO., PHILADELPHIA, PA. IN - INTERNATIONAL SYMPOSIUM ON SPACE TECHNOLOGY AND SCIENCE, 8TH, TOKYO, JAPAN, AUG. 1969, PROCEEDINGS (AKIRA TAKANO, ED. TOKYO, AGNE PUBLISHING, INC., 1969) PP.1089-1102. A70-35306
NR-G9-00-000-01465	AIRBORNE MEASUREMENTS OF THE TOTAL HEAT FLUX FROM THE SEA SURFACE - PROGRESS REPORT. E.D. MCALISTER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIF. IN MARINE SCIENCES INSTRUMENTATION, VOL. 4. PP.301-305. INSTRUMENT SOCIETY OF AMERICA NATIONAL SYMPOSIUM, 4TH, COCOA BEACH, FLORIDA, JAN. 1968, PROCEEDINGS
NR-G9-00-000-01466	SEA SURFACE TEMPERATURE VERIFICATION OF I.R. PHOTOMETRY DATA AND SURFACE WATER SAMPLING FROM FIXED WING AIRCRAFT. COURTLAND B. CONVERSE AND EDWARD C. BRAINARD, II, BRAINCON CORP., MARION, MASS. IN MARINE SCIENCES INSTRUMENTATION, VOL. 4. PP.296-300. INSTRUMENT SOCIETY OF AMERICA NATIONAL SYMPOSIUM, 4TH, COCOA BEACH, FLORIDA, JAN. 1968, PROCEEDINGS
NR-G9-00-000-01467	UNDERWATER SOUND MEASUREMENTS FROM AN AIRCRAFT. R.J. URICH, AND C.E. KELLY, U.S. NAVAL ORDNANCE LAB., WHITE OAK, SILVER SPRING, MARYLAND. IN MARINE SCIENCES INSTRUMENTATION, VOL. 4. PP.306-313. INSTRUMENT SOCIETY OF AMERICA NATIONAL SYMPOSIUM, 4TH, COCOA BEACH, FLORIDA, JAN. 1968, PROCEEDINGS
NR-G9-00-000-01471	THEORETICAL AND EXPERIMENTAL WORK ON MARINE OPTICS IN THE SOVIET UNION. V.A. TIMOFEYeva, AND G.G. NEUYMIN, UKRAINIAN ACADEMY OF SCIENCES, INSTITUTE OF MARINE HYDROPHYSICS, USSR. IN IZVESTIYA, ACADEMY OF SCIENCES USSR, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 4, NO. 12, 1968. PP.1305-1323.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01476	THE FAR INFRARED LINE SCANNER AS A SMALL BOAT SEARCH SENSOR. FINAL PROJECT REPORT. REPORT NO. PROJECT NO. 791201.003. JAMES A. MCINTOSH, U.S. COAST GUARD, APPLIED TECHNOLOGY DIV., WASHINGTON, D.C. APRIL 1970. AD-706 708. N70-38034
NR-G9-00-000-01480	STUDY - FISH OIL FILMS ON THE SEA SURFACE. FINAL REPORT. REPORT NO. 970-5388-FR. BAIRD-ATOMIC, INC., BEDFORD, MASS. OCT. 1970. CONTRACT NO. N62306-69-C-0354.
NR-G9-CL-219-01481	AUTOMATIC PROCESSING ARCTIC PACK ICE DATA OBTAINED BY MEANS OF SUBMARINE SONAR AND OTHER REMOTE SENSING TECHNIQUES. TECHNICAL REPORT, DEC. 69-SEPT. 70. REPORT NO. D+RT CO. NO. 5. LEONARD A. LESCHACK, WILLIAM D. HIBLER III, AND FREDERICK H. MORSE, DEVELOPMENT AND RESOURCES TRANSPORTATION CO., SILVER SPRING, MARYLAND, SEPT. 1970, 50P. CONTRACT NO. N00014-70-C-0110. AD-713911 MICROFICHE AND HARD COPY.
NR-G9-EJ-000-01492	THE USE OF REMOTE SENSING IN WATER RESOURCE MANAGEMENT. ROBIN I. WELCH, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. NOW WITH EARTH SATELLITE CORP., BERKELEY, CALIF. PRESENTED AT EUTROPHICATION-BIOSTIMULATION ASSESSMENT WORKSHOP, BERKELEY, CALIFORNIA, JUNE 1969, 26P. PUBLISHED IN THE PROCEEDINGS, PP.227-242. CONTRACT NO. W70-03985.
NR-G9-GJ-998-01506	AN AERIAL PHOTOGRAPHIC SURVEY OF COASTAL EROSION. DONALD B. STAFFORD, CLEMSON UNIVERSITY, CLEMSON, SOUTH CAROLINA, AND JAY LANGFELDER, NORTH CAROLINA STATE UNIV., RALEIGH. PRESENTED AT AMERICAN SOCIETY OF PHOTOGRAMMETRY ANNUAL MEETING, 36TH, WASHINGTON, D.C. MARCH 1970. IN THE PAPERS FROM THE 36TH ANNUAL MEETING, PP.533-558. A70-24748
NR-G9-00-000-01507	SATELLITE-OBSERVED SUNGLINT PATTERNS - UNUSUAL DARK PATCHES. CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. IN TECHNOLOGY TODAY AND TOMORROW, CANAVERAL COUNCIL OF TECHNICAL SOCIETIES, SPACE CONGRESS, 7TH, COCOA BEACH, FLA., APRIL 1970, PROCEEDINGS, VOL. 1, PP.11-29 TO 11-39. A70-33725
NR-G9-GJ-998-01511	PHOTOGRAPHIC MONITORING OF SHORELINE MOVEMENT. JOHN D. WEBER, U.S. ARMY CORPS OF ENGINEERS, WILMINGTON, N.C. IN SHORE AND BEACH, VOL. 38, NO. 2, APRIL 1970, PP.36-38. W70-07164
NR-G9-00-000-01513	RADIOPHYSICAL METHODS OF RESEARCH IN THE ARCTIC OCEAN AND ANTARCTICA (RADIOFIZICHESKIE METODY V ISSLEDOVANIYAKH SEVERNOGO LEDOVITOGO OKEANA I ANTARKTIKI). REPORT NO. TT-69-55083. V.V. BOGORODSKII. TRANSL. OF ARKTICHESKII I ANTARKICHESKII NAUCHNO-ISSLEDOVATELSKII INSTITUT, TRUDY (SSSR) VOL. 284, 1968. N71-15541 MICROFICHE AND HARD COPY.
NR-G9-HJ-138-01538	REMOTE SENSING OF OCEAN CURRENTS AND SEA SURFACE TEMPERATURE CHANGES DERIVED FROM THE NIMBUS 2 SATELLITE. GUENTER WARNECKE, ON LEAVE FROM FREIE UNIVERSITAT, BERLIN, GERMANY, LEWIS J. ALLISON, LARRY M. McMILLIN, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS., AND KARL-HEINZ SZEKIELDA, ON LEAVE FROM FACULTE DES SCIENCES, MARSEILLE, FRANCE. IN JOURNAL OF PHYSICAL OCEANOGRAPHY, VOL. 1, JAN. 1971, PP.45-60. A70-46400
NR-G9-EJ-026-01539	DIRECT MAPPING OF THE SEA FLOOR USING SIDE-SCANNING SONAR AND TRANSPONDER NAVIGATION. REPORT NO. MPL-U-58-69. J.D. MUDIE, W.R. NORMARK, AND E.J. CRAY, JR., SCRIPPS INSTITUTION OF OCEANOGRAPHY, SAN DIEGO, CALIF. DEC. 1969. 8P. IN GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 81, MAY 1970, PP.1547-1554. CONTRACT NO. N00014-69-A-0200-6002. AD-709495 MICROFICHE AND HARD COPY.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-BL-093-01543	RADAR STUDIES OF ARCTIC ICE. REPORT NO. TR-RSC-20. J.W. ROUSE, JR., AND J.A. SCHELL, TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. OCT. 1970, 61P. CONTRACT NOS. 1370-9826-1, AND GRANT NSG 239-62.
NR-G9-HK-000-01546	THE REMOTE SENSING OF OIL SLICKS BY RADAR. REPORT ON CHEDABUCTO BAY CASE STUDY. REPORT NOS. NRL PROB R07-02, AND 5270-02. N.W. GUINARD, AND C.G. PURVES, NAVAL RESEARCH LABORATORY, WASHINGTON, D.C. APRIL 1970, 34P. CONTRACT NO. MIPR NO Z-70099-0-03459. MICROFICHE AND HARD COPY. AD-709982 N70-42226
NR-G9-JH-710-01552	THE DETERMINATION OF SEA-SURFACE TEMPERATURE FROM SATELLITE HIGH RESOLUTION INFRARED WINDOW RADIATION MEASUREMENTS. W.L. SMITH, P.K. RAO, R. KOFFLER, AND W.R. CURTIS, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. IN MONTHLY WEATHER REVIEW, VOL. 98, AUG. 1970. PP.604-611. A70-42122
NR-G9-00-000-01563	INSTANTANEOUS VELOCITY AND PRESSURE MEASUREMENTS ABOVE PROPAGATING WAVES. TECHNICAL REPORT. REPORT NO. TR-4. O.H. SHERDIN, UNIVERSITY OF FLORIDA, DEPT. OF COASTAL AND OCEANOGRAPHIC ENGINEERING, GAINESVILLE, FLA., JULY 1969, 121P. CONTRACT NOS. NSF-GK-3986, AND GK-736. PB-194015
NR-G9-00-000-01564	LABORATORY INVESTIGATION OF WAVE-INDUCED MOTION ABOVE AIR-SEA INTERFACE. REPORT NO. TR-6. O.H. SHERDIN, AND R.J. LAI, UNIVERSITY OF FLORIDA, DEPT. OF COASTAL AND OCEANOGRAPHIC ENGINEERING, GAINESVILLE, FLA., JULY 1970, 101P. CONTRACT NOS. DACW72-69-C0019, AND GRANT NSF-GK-3986. PB-194016
NR-G9-GH-128-01565	ANALYSIS OF MULTISPECTRAL SCANNER DATA FOR LOCATION OF SAND AND GRAVEL DEPOSITS. FINAL REPORT. REPORT NO. BSR-2829. DAVID S. HANSON, AND DAVID R. MORGANSTEIN, BENDIX CORP., AEROSPACE SYSTEMS DIVISION, ANN ARBOR, MICHIGAN, JAN. 1970, 80P. CONTRACT NO. DAAK02-69-C-0705. AD-705673 N70-36496. MICROFICHE AND HARD COPY.
NR-G9-GF-000-01568	THE USE OF SATELLITE CLOUD PHOTOGRAPHY TO INFER OCEANOGRAPHIC PHENOMENA. JAMES R. GREAVES, AND CLINTON J. BOWLEY, ALLIED RESEARCH ASSOCIATES INC., CONCORD, MASS. IN TECHNOLOGY TODAY AND TOMORROW, CANAVERAL COUNCIL OF TECHNICAL SOCIETIES, SPACE CONGRESS, 7TH, COCOA BEACH, FLA., APRIL 1970, PROCEEDINGS, VOL. 1. PP.6-5 TO 6-15. A70-33713
NR-G9-00-000-01578	VISIBLE AND INFRARED IMAGERY FROM METEOROLOGICAL SATELLITES. W.E. SHENK, AND V.V. SALOMONSON, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. IN APPLIED OPTICS, VOL. 9, AUG. 1970. PP.1747-1760. A70-39076
NR-G9-GJ-239-01579	REMOTE SENSING BY INFRARED TECHNIQUES. T.L. RICHARDS, DEPARTMENT OF TRANSPORT, METEOROLOGICAL BRANCH, TORONTO, ONTARIO, CANADA. IN CANADIAN HYDROLOGY SYMPOSIUM NO. 7, VICTORIA, BRITISH COLUMBIA, MAY 1969, PROCEEDINGS, VOL. 1, PP.295-309. NATIONAL RESEARCH COUNCIL OF CANADA, SUBCOMMITTEE ON HYDROLOGY. W70-08623
NR-G9-00-000-01582	REMOTE ANALYSIS OF FLUORESCENCE BY A FRAUNHOFER LINE DISCRIMINATOR. GEORGE E. STORTZ, AND WILLIAM R. HEMPHILL, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C., AND DAVID A. MARKLE, PERKIN-ELMER CORP., NORWALK, CONNECTICUT. IN MARINE TECHNOLOGY SOCIETY ANNUAL MEETING, 6TH, WASHINGTON, D.C., JULY 1970, 6TH ANNUAL PREPRINTS, VOL. 2, (REPRINT) 24P. W71-00565

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01583	THE VALUE OF IMPROVING OCEANOGRAPHIC DATA PREDICTION BY SATELLITE MEASUREMENTS, VOLUME 1. FINAL REPORT. REPORT NO. KTR-690-3-69-320-007-VOL-1. JOHN S. FONDRK, AND DR. JOHN S. TIEDEMAN, KETTELE (JOHN D) CORP., ARLINGTON, VA., AUG. 1969, 36P. CONTRACT NO. N62306-69-C-0099. MICROFICHE COPY. AD-699192 N70-24715
NR-G9-00-000-01584	THE VALUE OF IMPROVING OCEANOGRAPHIC DATA PREDICTION BY SATELLITE MEASUREMENTS, VOLUME 2, FINAL REPORT APPENDICES. REPORT NO. KTR-690-3-69-320-007-VOL-2. JOHN S. TIEDEMAN, JOHN D. KETTELE CORP., ARLINGTON, VA., AND JOHN C. WILKERSON, AND VINCENT NOBLE, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. KETTELE (JOHN D) CORP., ARLINGTON, VA., AUG. 1969, 114P. CONTRACT NO. N62306-69-C-0099. MICROFICHE COPY. AD-699193 N70-24716
NR-G9-00-000-01586	MEASUREMENTS PROGRAM FOR OIL-SLICK CHARACTERISTICS. FINAL REPORT. REPORT NO. 2766-7-P. R. HORVATH, W.L. MORGAN, AND R. SPELLICY, UNIVERSITY OF MICHIGAN, INFRARED AND OPTICS LAB., INSTITUTE OF SCIENCE AND TECHNOLOGY, ANN ARBOR, MICH., FEB. 1970. CONTRACT NO. DOT-CG-92580-A.
NR-G9-00-000-01596	PRIORITY PROBLEMS AND DATA NEEDS IN COASTAL ZONE OCEANOGRAPHY. EARTH OBSERVATION SATELLITE PLANNING. REPORT NO. NASA-CR-111779. JOHN C. MUNDY, JR. EDWIN B. JOSEPH, ROBERT J. BYRNE, ET AL., VIRGINIA INSTITUTE OF MARINE SCIENCE, GLOUCESTER POINT, VA. SEPT. 1970, 138P. CONTRACT NO. NAS1-9461. MICROFICHE COPY. N70-40772
NR-G9-00-000-01618	RESULTS FROM SOME PARACHUTE DROGUE MEASUREMENTS IN THE CENTRAL NORTH PACIFIC OCEAN, 1961-1962. REPORT NO. NOAA TR-ERL-191-POL-5. R.K. REED, PACIFIC OCEANOGRAPHIC LABORATORIES, SEATTLE, WASHINGTON. JAN. 1971, 11P.
NR-G9-00-000-01622	RESEARCH NEEDS ON THERMAL AND SEDIMENTARY POLLUTION IN TIDAL WATERS. AMERICAN SOCIETY OF CIVIL ENGINEERS. COMMITTEE ON TIDAL HYDRAULICS OF THE HYDRAULICS DIVISION. JOURNAL OF THE HYDRAULICS DIVISION, PROCEEDINGS OF ASCE, VOL. 96, NO. HY7, JULY 1970, PAPER 7426. PP.1539-1548. W70-09161
NR-G9-00-000-01631	A SURVEY OF THE PROBLEMS AND RESEARCH NEEDS IN THE COASTAL ZONE. REPORT NO. NASA-CR-111780. WILLIAM J. HANNA, HAROLD G. MARSHALL, JAMES F. SLOWEY, EDITORS, OLD DOMINION COLLEGE, NORFOLK, VIRGINIA. SEPT. 1970, 109P. CONTRACT NO. NAS1-9434. MICROFICHE COPY. N70-40812
NR-G9-JH-710-01636	ATMOSPHERIC AND OCEANOGRAPHIC SUPPORT STUDIES FOR LASER RADAR EXPERIMENT ABOARD THE ADVANCE 2 DURING BOMEX. REPORT NO. NASA-CR-66978. WALTER D. BACH, JR., AND JAMES R. SMITH, RESEARCH TRIANGLE INSTITUTE, ENGINEERING AND ENVIRONMENTAL SCIENCES DIV., DURHAM, N.C. AUG. 1970, 32P. CONTRACT NO. NAS1-9161. N70-38552
NR-G9-00-000-01637	CHARACTERIZATION OF OIL SLICKS ON SURFACE WATERS. FRED K. KAWAHARA, AND DWIGHT G. BALLINGER, ANALYTICAL QUALITY CONTROL LAB., FEDERAL WATER QUALITY ADMIN., CINCINNATI, OHIO. IN INDUSTRIAL ENGINEERING CHEMISTRY PRODUCT RESEARCH AND DEVELOPMENT, VOL. 9, NO. 4, 1970. PP.553-558.
NR-G9-00-000-01640	PATTERNS OF THE THERMAL REGIME OF THE SURFACE LAYER OF WATER. M.P. TIMOFEYEV, AND S.P. MALEVSKIY-MALEVICH, (USSR) IN SOVIET HYDROLOGY, SELECTED PAPERS, NO. 1, 1967. PP.102-109. TRANSLATION FROM METEOROLOGIYA I GIDROLOGIYA, NO. 2, 1967. PP.57-65. W70-00741
NR-G9-HH-092-01644	COLOR AND INFRARED EXPERIMENTAL PHOTOGRAPHY FOR COASTAL MAPPING. CHARLES THEURER, COAST AND GEODETIC SURVEY, WASHINGTON, D.C. IN PHOTOGRAMMETRIC ENGINEERING, SEPT. 1959. PP.565-569.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01645	GEOSYNCHROUS METEOROLOGICAL SATELLITE. V.E. SUOMI, AND T.H. VONDER HAAR, UNIVERSITY OF WISCONSIN, SPACE SCIENCE AND ENGINEERING CENTER, MADISON, WISCONSIN. AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHILADELPHIA, PA., OCT. 1968, PAPER NO. 68-1094, 7P. IN JOURNAL OF SPACECRAFT AND ROCKETS, VOL. 6, NO. 3, MARCH 1969. PP.342-344.
NR-G9-JH-710-01652	GUIDE TO THE USE OF DATA COLLECTED BY THE NASA NP3A AIRCRAFT IN THE BOMEX, 2-10 JUNE 1969. REPORT NO. NASA-TM-X-58049. VICTOR S. WHITEHEAD, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. SEPT. 1970, 40P. MICROFICHE AND HARD COPY. N70-42049
NR-G9-00-000-01655	IMPROVED TECHNIQUES FOR MAPPING SEA ICE FROM SATELLITE INFRARED DATA. FINAL REPORT. REPORT NO. 8G74-F. JAMES C. BARNES, DAVID T. CHANG, AND JAMES H. WILLAND, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASSACHUSETTS. NOV. 1970, 104P. CONTRACT NO. E-67-70(N).
NR-G9-00-000-01659	PHYSICAL OCEANOGRAPHY FEASIBILITY STUDY UTILIZING SATELLITE DATA. PART II. DETAILED SEA-SURFACE TEMPERATURE ANALYSIS UTILIZING NIMBUS HRIR DATA. FINAL REPORT. REPORT NO. NOAA-E236-69(N)-1. FRED M. VUKOVICH, RESEARCH TRIANGLE INSTITUTE, DURHAM, N.C. OCT. 1970, 80P. CONTRACT NO. ESSA-E236-69(N). COM-71-00014
NR-G9-HJ-138-01660	A NOTE ON THE USE OF SEA SURFACE TEMPERATURE FOR OBSERVING OCEAN CURRENTS. DONALD V. HANSEN, AND GEORGE A. MAUL, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, MIAMI, FLORIDA. IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, 1970. PP.161-164.
NR-G9-00-000-01662	AIRCRAFT MICROWAVE MEASUREMENTS OF THE ARCTIC ICE PACK. REPORT NO. ESSA-TM-NESCIM-25. ALAN E. STRONG, MICHAEL H. FLEMING, ENVIRONMENTAL SCIENCE SERVICE ADMINISTRATION, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. AUG. 1970, 20P. MICROFICHE AND HARD COPY. N70-40933 PB-194588
NR-G9-00-000-01664	ESSAY OF AN OCEAN-MORPHOLOGICAL INTERPRETATION OF SATELLITE PICTURES. (VERSUCH EINER MEERESMORPHOLOGISCHEN DEUTUNG VON SATELLITEN-LUFTBILDERN). REPORT NO. NASA-TT-F-13159. EGBERT HAASE, UNIVERSITY LIBRARY, MAINZ, GERMANY, HEINZ KAMINSKII, BOCHUM INSTITUTE FOR SPACE RESEARCH, BOCHUM, GERMANY, AND MAX PFANNENSTEIL, UNIVERSITY OF FREIBERG, GERMANY. SCIENTIFIC TRANSLATION SERVICE, SANTA BARBARA, CALIF. AUG. 1970, 29P. CONTRACT NO. NASW-2035. MICROFICHE COPY. N70-34781
NR-G9-00-000-01667	A STUDY OF CLOUD PATTERNS OBSERVED FROM ESSA 3 SATELLITE PHOTOGRAPHS AND THEIR RELATIONSHIP TO SEA SURFACE TEMPERATURES IN THE EASTERN GULF OF MEXICO. REPORT NO. N00-IR-68-118. WILLIAM T. MORTON, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. OCT. 1968, 244P. MICROFICHE COPY. AD-854007
NR-G9-EJ-998-01669	ATMOSPHERIC LIMITATIONS ON REMOTE SENSING OF SEA SURFACE ROUGHNESS BY MEANS OF REFLECTED DAYLIGHT. FINAL REPORT. REPORT NOS. NASA-CR-73479, AND SIO-REF-70-27. S.O. DUNTLEY, C.F. EDGERTON, AND T.J. PETZOLD, UNIVERSITY OF CALIFORNIA, VISIBILITY LAB., SAN DIEGO, CALIF. SEPT. 1970, 118P. CONTRACT NO. NAS12-2126. MICROFICHE COPY. N70-42184
NR-G9-00-000-01671	REPORT OF THE ARCTIC ICE OBSERVING AND FORECASTING PROGRAM - 1965. REPORT NO. N00-SP-70-65. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. MAY 1967, 173P. MICROFICHE COPY. AD-655231

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01672	NEED FOR GREAT ADVANCES IN GEODETIC WORK. H. PESHEL, EAST GERMANY. IN JOINT PUBLICATIONS RESEARCH SERVICE (TRANSLATIONS ON EASTERN EUROPE SCIENTIFIC AFFAIRS.) NO. 131, 16 SEPT. 1970. PP.8-16. TRANSL. FROM VERMESSUNGSTECHNIK (EAST BERLIN) JUNE 1970. PP.201-205. MICROFICHE COPY. N70-39813
NR-G9-JH-710-01680	BOMEX METEOROLOGICAL DATA. PART 1 - QUANTITATIVE CLOUD MEASUREMENTS. PART 2 - SEA SURFACE TEMPERATURES. PART 3 - FINAL REPORT. REPORT NO. WHOI-70-49. ANDREW F. HUNTER, AND MARGARET A. CHAFFEE, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASSACHUSETTS. SEPT. 1970, 67P. CONTRACT NO. GRANT NSF GA-1700. MICROFICHE COPY. N71-11171
NR-G9-00-000-01682	OPREDELENIE TEMPERATURY MORSKOI POVERKHNOSTI I VLAGOSODERZHANIIA ATMOSFERY PO IZMERENIAM TEPLOVOGO RADIOIZLUCHENIIA SYSTEMY ZEMLIA-ATMOSFERA S ISZ. (DETERMINATION OF SEA SURFACE TEMPERATURE AND ATMOSPHERIC HUMIDITY FROM SATELLITE MEASUREMENTS OF THE THERMAL RADIO EMISSION OF THE EARTH-ATMOSPHERE SYSTEM). E.P. DOMBKOVSKAIA, USSR IN SPUTNIKOVAIA METEOROLOGIIA (SATELLITE METEOROLOGY), EDITED BY V.G. BOLDYREV, AND N.F. VELTISHCHEV, Leningrad, GIDROMETEORIZDAT (GIDROMETEOROLOGICHESKII NAUCHNO-ISSLEDOVATELSKII TSENTR SSSR, TRUDY NO. 50) 1969. PP.75-85. IN RUSSIAN. A70-32069
NR-G9-00-000-01689	FISH IDENTIFICATION BY REMOTE SENSING. FINAL REPORT. REPORT NO. 11435-6001-RO-00. TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. DEC. 1968, 68P. CONTRACT NO. 14-17-002-330.
NR-G9-DJ-998-01690	PASSIVE MICROWAVE MEASUREMENTS OF OCEANOGRAPHIC PHENOMENA, ICE, AND SEDIMENTS. TECHNICAL REPORT, NOV. 68-FEB. 70. REPORT NO. AGC-9016R-7. A.T. EDGERTON, D.T. TREXLER, G.A. POE, A. STOGRYN, AND S. SAKAMOTO, AEROCJET-GENERAL CORP., MICROWAVE DIVISION, EL MONTE, CALIF. NOV. 1970, 112P. CONTRACT NO. NONR-4767(00). MICROFICHE AND HARD COPY. AD-715645
NR-G9-00-000-01692	CONTROLLED PROCESSING OF DIRECT READOUT DATA FROM WEATHER SATELLITES. REPORT NOS. AFCL-70-0589, AND AFCL-ERP-334. ROBERT F. MYERS, EDWARD D. SPRAGUE, AND BARRY A. MAREIRO, AIR FORCE CAMBRIDGE RESEARCH LABS., L.G. HANSCOM FIELD, MASS. OCT. 1970, 73P. MICROFICHE AND HARD COPY. AD-715892
NR-G9-00-000-01693	CASE STUDIES IN WATER POLLUTION DETECTION BY REMOTE SENSING-MULTIPLE SPECTRAL APPROACH. ROBERT WELCH, EARTH SATELLITE CORPORATION, BERKELEY, CALIF. PRESENTED AT REMOTE SENSING OF ENVIRONMENTAL POLLUTION CONFERENCE, MADISON, WISCONSIN, NOV. 1970, 8P.
NR-G9-00-000-01699	PHOTOGRAPHIC CHARACTERISTICS OF WATER POLLUTION. JAMES P. SCHERZ, WILLIAM C. BOYLE, UNIV. OF WISCONSIN, MADISON, AND DONALD R. GRAFF, ITEX CORP., ALEXANDRIA, VA. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 35, NO. 1, JAN. 1969. PP.38-43.
NR-G9-GH-998-01705	BUREAU OF COMMERCIAL FISHERIES, EXPLORATORY FISHING AND GEAR RESEARCH BASE, PASCAGOULA, MISSISSIPPI, JULY 1967-TO JUNE 1969. REPORT NOS. COM-71-00105, FWS-CIRC-351, AND CONTRIB-212. HARVEY R. BULLIS, JR., AND JOHN R. THOMPSON, BUREAU OF COMMERCIAL FISHERIES, PASCAGOULA, MISSISSIPPI. NOV. 1970, 35P.



TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-EJ-026-01708	DEGRADATION BY THE ATMOSPHERE OF MICROWAVE RADIOMETRIC OBSERVATIONS FROM SPACE - 0.5 TO 20 GHZ. FINAL REPORT, VOLUME 1 OF 2 VOLUMES. REPORT NO. NASA CR-86384. RONALD A. PORTER, RADIOMETRIC TECHNOLOGY, INC., CAMBRIDGE, MASS., AND NORMAN E. GAUT, AND EDWARD C. REIFENSTEIN III, ENVIRONMENTAL RESEARCH AND TECHNOLOGY, INC., WALTHAM, MASS. RADIOMETRIC TECHNOLOGY, INC., CAMBRIDGE, MASS. APRIL 1970, 205P. CONTRACT NO. NAS12-2120. MICROFICHE AND HARD COPY. N70-27290
NR-G9-EJ-026-01709	DEGRADATION BY THE ATMOSPHERE OF MICROWAVE RADIOMETRIC OBSERVATIONS FROM SPACE - 0.5 TO 20 GHZ, VOLUME 2. FINAL REPORT. REPORT NO. NASA CR-86385. RONALD A. PORTER, RADIOMETRIC TECHNOLOGY, INC., CAMBRIDGE, MASS., AND NORMAN E. GAUT, AND EDWARD C. REIFENSTEIN III, ENVIRONMENTAL RESEARCH AND TECHNOLOGY, INC., WALTHAM, MASS. RADIOMETRIC TECHNOLOGY, INC., CAMBRIDGE, MASS. APRIL 1970, 283P. CONTRACT NO. NAS12-2120. MICROFICHE COPY. N70-27291
NR-G9-00-000-01710	A STUDY OF THE INFLUENCE OF CERTAIN BIOLOGICAL PARAMETERS ON THE SPECTRAL CHARACTERISTICS OF LIGHT IN THE OCEAN. FINAL REPORT FOR IR AND D MJO 9843-37. REPORT NO. 99900-6845/RO-00. GERALD F. JOHNSON, ALAN BURBANK, STEPHEN C. PYKE, TRW SYSTEMS, AEROSCIENCES LABORATORY, OCEAN SYSTEMS DEPT., LOS ANGELES, CALIF. JAN. 1969, 89P.
NR-G9-BL-093-01714	WATER STRESS STUDIES. ARCTIC ICE DYNAMICS JOINT EXPERIMENT, UNIV. OF WASHINGTON, DIV. OF MARINE RESOURCES, SEATTLE, WASHINGTON. JAN. 1971, 59P. AIDJEX BULLETIN NO. 4.
NR-G9-CL-998-01715	REMOTE SENSING AND ICE MORPHOLOGY--1971 PILOT STUDIES. ARCTIC ICE DYNAMICS JOINT EXPERIMENT, UNIV. OF WASHINGTON, DIV. OF MARINE RESOURCES, SEATTLE, WASHINGTON. FEB. 1971, 63P. AIDJEX BULLETIN NO. 5.
NR-G9-GH-998-01717	OCEANOGRAPHIC OBSERVATIONS AND THEORETICAL ANALYSIS OF OIL SLICKS DURING THE CHEVRON SPILL, MARCH 1970. FINAL REPORT, MARCH-JULY 1970. REPORT NOS. USCG-714104/A/006-2, AND HARD COPY IS TR-87. STEPHEN P. MURRAY, WILLIAM G. SMITH, AND CHOLE J. SONU, COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIV., BATON ROUGE, LA. JULY 1970, 112P. HARD COPY IS SEPT. 1970, 120P. CONTRACT NOS. DOT-CG-03592-A, AND HARD COPY IS N00014-69-A-0211-0003. MICROFICHE AND HARD COPY. AD-716324
NR-G9-00-000-01720	AUSTRALIAN FISHERMEN USE THERMOMETER TO LOCATE TUNA. IN OCEAN INDUSTRY, VOL. 5, NO. 11, NOV. 1970, P.33.
NR-G9-00-000-01721	STUDIES OF HIGH FREQUENCY WIND WAVES. REPORT NO. TR-231-26. JIN WU, HYDRONAUTICS, INC., LAUREL, MARYLAND. OCT. 1969, 44P. CONTRACT NOS. NONR-3688(00), AND N00014-70-C-0345. MICROFICHE COPY. AD-712787 N71-13171
NR-G9-00-000-01722	SURFACE ROUGHNESS, SEA-SURFACE SLOPE AND WIND-WAVE SPECTRUM. REPORT NO. TR-231-29. JIN WU, HYDRONAUTICS, INC., LAUREL, MARYLAND. JAN. 1970, 26P. CONTRACT NOS. NONR-3688(00), AND N00014-70-C-0345. MICROFICHE COPY. AD-712790 N71-13191
NR-G9-JH-710-01724	USE OF RN/RA RATIOS TO DETERMINE AIR/SEA GAS EXCHANGE AND VERTICAL MIXING IN THE OCEAN. FINAL TECHNICAL REPORT. REPORT NO. PALTR-223. DAVID R. SCHINK, JOEL J. SIGALOVE, ROBERT L. CHARNELL, AND NORMAN L. GUINASSO, JR., TELEDYNE ISOTOPIES, PALO ALTO, CALIF. FEB. 1970, 50P. CONTRACT NO. N00014-69-C-0254. MICROFICHE COPY. AD-713129 N71-14783

TECHNICAL REPORTS - OCEANOGRAPHY

- | ACCESSION NUMBER   | DESCRIPTION  |
|--------------------|--|
| NR-G9-QH-164-01729 | LOW-ANGLE RADAR SEA RETURN AT 3-MM WAVELENGTH. FINAL TECHNICAL REPORT. PROJECT A-1268. WAYNE RIVERS, GEORGIA INSTITUTE OF TECHNOLOGY, ENGINEERING EXPERIMENT STATION, ATLANTA, GA. NOV. 1970, 84P. CONTRACT NO. N62269-70-C-0469 MICROFICHE COPY. AD-717082  |
| NR-G9-DJ-007-01731 | INSHORE SEA SURFACE TEMPERATURE AND SALINITY CONDITIONS AT AGATE BEACH, YAQUINA BAY AND WHALE COVE, OREGON, IN 1970. TECHNICAL REPORT, JAN-OCT. 1970. REPORT NOS. DATA-45, AND REF-70-44. JEFFERSON J. GONOR, ALAN B. THUM, AND DAVID W. ELVIN, OREGON STATE UNIVERSITY, DEPT. OF OCEANOGRAPHY, CORVALLIS, OREGON. NOV. 1970, 30P. CONTRACT NO. N00014-67-A-0369-0001. MICROFICHE COPY. AD-717068                                    |
| NR-G9-RH-000-01737 | THE DEVELOPMENT OF UPWELLING ALONG THE SOMALI COAST AS DETECTED WITH NIMBUS 2 AND NIMBUS 3 SATELLITES. REPORT NOS. NASA-TM-X-65387, AND X-651-70-419. KARL-HEINZ SZEKIELDA, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. SEPT. 1970, 56P. MICROFICHE AND HARD COPY. N71-13086   |
| NR-G9-CL-219-01738 | ARCTIC ICE DYNAMICS JOINT EXPERIMENT. THEORETICAL DISCUSSION. ARCTIC ICE DYNAMICS JOINT EXPERIMENT, DIV. OF MARINE RESOURCES, UNIV. OF WASHINGTON, SEATTLE, WASHINGTON. OCT. 1970, 74P. AIDJEX BULLETIN NO. 2.   |
| NR-G9-CL-219-01739 | ARCTIC ICE DYNAMICS JOINT EXPERIMENT. STATUS REPORT. ARCTIC ICE DYNAMICS JOINT EXPERIMENT, DIV. OF MARINE RESOURCES, UNIV. OF WASHINGTON, SEATTLE, WASH. SEPT. 1970, 40P. AIDJEX BULLETIN NO. 1.   |
| NR-G9-CL-219-01740 | ARCTIC ICE DYNAMICS JOINT EXPERIMENT. SELECTED SOVIET RESEARCH. JOSEPH O. FLETCHER, AIDJEX COORDINATOR, ARCTIC ICE DYNAMICS JOINT EXPERIMENT, DIV. OF MARINE RESOURCES, UNIV. OF WASHINGTON, SEATTLE, WASH. NOV. 1970, 124P. AIDJEX BULLETIN NO. 3.  |
| NR-G9-RH-000-01741 | SEASONAL SEA SURFACE TEMPERATURE VARIATIONS IN THE PERSIAN GULF AS RECORDED BY NIMBUS 2 HRIR. REPORT NOS. NASA-TM-X-65385, AND X-651-70-416. K.H. SZEKIELDA, V. SALOMONSON, AND L.J. ALLISON, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. NOV. 1970, 18P. MICROFICHE AND HARD COPY. N71-13087  |
| NR-G9-BL-093-01747 | A PORTABLE SPECTROPHOTOMETER FOR GEOPHYSICAL APPLICATIONS. REPORT NO. SCIENTIFIC-9. RONALD R. ROULET, UNIVERSITY OF WASHINGTON, DEPT. OF ATMOSPHERIC SCIENCES, SEATTLE, WASH., DEC. 1970, 100P. CONTRACT NO. N00014-67-A-0103-0007. AD-715790  |
| NR-G9-00-000-01748 | AIRBORNE OCEAN AND SEA SURFACE TEMPERATURE MEASUREMENTS USING INFRARED RADIONETERS. REPORT NO. JPRS-52039. N.N. VERENCHIKOV, (USSR) JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. DEC. 1970, 11P. TRANSL. FROM TRUDY GLAVNAYA GEOFIZICHESKAYA OBSERVATORIYA (LENINGRAD), NO. 235, 1970. PP.146-154. MICROFICHE COPY. N71-15438   |
| NR-G9-00-000-01753 | SPECTRA OF BACKSCATTERED LIGHT FROM THE SEA OBTAINED FROM AIRCRAFT AS A MEASURE OF CHLOROPHYLL CONCENTRATION. TECHNICAL REPORT. REPORT NO. WHOI-REF-70-51. GEORGE L. CLARKE, GIFFORD C. EWING, AND CARL J. LORENZEN, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASSACHUSETTS. DEC. 1969, 8P. IN SCIENCE, VOL. 167, NO. 3921, FEB. 20, 1970. PP.1119-1121. CONTRACT NOS. N00014-66-C-0241, AND NAS12-631. AD-715560 A70-22250 |
| NR-G9-00-000-01760 | SPATIAL SPECTRA OF OCEAN SURFACE TEMPERATURE. WILLIAM MCLEISH, NOAA, SEA-AIR INTERACTION LAB., MIAMI, FLA. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 33, NOV. 20, 1970. PP.6872-6877. W71-01907   |

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-DJ-007-01779	OREGON AND NORTHERN CALIFORNIA COASTAL RECONNAISSANCE. REPORT NO. TR-86. RICHARD J. RUSSELL, LOUISIANA STATE UNIVERSITY, COASTAL STUDIES INSTITUTE, BATON ROUGE, LA. AUG. 1970, 34P. CONTRACT NO. N00014-69-A-0211-0003. MICROFICHE COPY. AD-717359
NR-G9-00-000-01781	STATISTICAL TIME-VARYING AND DISTRIBUTION PROPERTIES OF HIGH-RESOLUTION RADAR SEA ECHO. INTERIM REPORT. REPORT NO. NRL-7150. KARL R. SCHMIDT, U.S. NAVAL RESEARCH LABORATORY, WASHINGTON, D.C. NOV. 1970, 32P. MICROFICHE COPY. AD-714836 N71-17742
NR-G9-00-000-01796	ON THE MEASUREMENT OF RADIANT ENERGY FOR CORRELATION WITH PRIMARY PRODUCTIVITY IN THE OCEAN. FINAL REPORT, 1966-1970. REPORT NO. SIO-REF-70-38. JOHN E. TYLER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, VISIBILITY LAB., SAN DIEGO, CALIFORNIA. DEC. 1970, 12P. CONTRACT NO. N00014-69-A-0200-6017. MICROFICHE COPY. AD-718367
NR-G9-00-000-01797	SPECTRAL IRRADIANCE DATA OBTAINED DURING WG-15 SEA TRIALS IN THE GULF OF CALIFORNIA MAY 5 TO MAY 16, 1968. REPORT NO. SIO-REF-68-29. RAYMOND C. SMITH, AND JOHN E. TYLER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, VISIBILITY LAB., SAN DIEGO, CALIFORNIA. AUG. 1968. 33P. CONTRACT NO. N00014-69-A-0200-6017. MICROFICHE COPY. AD-718368.
NR-G9-00-000-01798	A REPORT OF THE PROCESSING OF AIRCRAFT EXPENDABLE BATHYTHERMOGRAPH DATA. INTERIM TECHNICAL REPORT NO. 5 (FINAL), JAN. 68- DEC. 70. RICHARD C. LATHAM, HAWAII INSTITUTE OF GEOPHYSICS, HONOLULU, HAWAII. JAN. 1971, 42P. CONTRACT NO. N00014-67-A-0387-0004AC. MICROFICHE COPY. AD-718393
NR-G9-GH-128-01799	OCEANOGRAPHIC EXPERIMENT SUPPORT (REMOTE SENSING OF COASTAL OCEANS). ANNUAL REPORT, MAY 69-MAY 70. REPORT NO. A/M-REF-70-20A. LUIS R.A. CAPURRO, TEXAS A AND M UNIVERSITY, DEPT. OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. MAY 1970, 143P. CONTRACT NO. N62306-69-C-0263. MICROFICHE COPY. AD-717936
NR-G9-GH-128-01805	TRANSFER OF THERMAL MICROWAVES IN THE ATMOSPHERE. JACK FREDERICK PARIS (DISSERTATION), TEXAS A AND M UNIV., COLLEGE STATION, TEXAS. MAY 1971, 292P.
NR-G9-HJ-138-01808	CORRECTIONS FOR AIRBORNE RADIATION THERMONETRY. TECHNICAL REPORT. REPORT NOS. WHOI-REF-71-6, AND WHOI-CONTRIB-2476. PETER M. SAUNDERS, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASSACHUSETTS. SEPT. 1970, 8P. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 36, DEC. 20, 1970. PP.7596-7601. AD-718196
NR-G9-JG-998-01814	A RADIOMETRIC SYSTEM FOR AIRBORNE MEASUREMENT OF THE TOTAL HEAT FLOW FROM THE SEA. SUMMARY REPORT. E.D. MCALISTER, AND W. MCLEISH, SCRIPPS INSTITUTION OF OCEANOGRAPHY MARINE PHYSICAL LAB., SAN DIEGO, CALIF. IN APPLIED OPTICS, VOL. 9, NO. 12, DEC. 1970. PP.2697-2705. CONTRACT NOS. N00014-69-A-0200-6009, GRANT NSF-GA-1491, AND NSF-GA-11975. AD-719425
NR-G9-HJ-138-01818	MEASUREMENT OF THE WATER TEMPERATURE OF THE CASPIAN SEA WITH A RADIATION THERMOMETER. V.L. GAEVSKIY, YU. I. RABINOVICH, AND A.I. RESHETNIKOV. IN SOVIET HYDROLOGY - SELECTED PAPERS, WASHINGTON, D.C., NO. 4, 1965, PP.402-405.
NR-G9-BL-093-01822	ICE DYNAMICS. (4 PAPERS). J.R. WEBER, R.L. LILLESTRAND, ROY M. LOERNER, L.A. TIMOKHOV, K.L. YEGOROV, ARCTIC ICE DYNAMICS JOINT EXPERIMENT, DIVISION OF MARINE RESOURCES, UNIV. OF WASHINGTON, SEATTLE, WASH. MARCH 1971, 67P. AIDJEX BULLETIN NO. 6.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-GJ-998-01825	SIGNIFICANCE OF CAMILLE (1969). WILLIAM F. TANNER, FLORIDA STATE UNIV., DEPT. OF GEOLOGY, TALLAHASSEE, FLA. IN SOUTHEASTERN GEOLOGY, VOL. 12, NO. 2, NOV. 1970. PP.95-103. W71-02908
NR-G9-FH-158-01826	HURRICANE CELIA, 30 JULY-5 AUGUST 1970. U.S. ARMY ENGINEER DISTRICT CORPS. OF ENGINEERS, GALVESTON, TEXAS. FEB. 1971, 58P. \$2.00.
NR-G9-CL-219-01827	1971 PILOT STUDY NARRATIVES. ARCTIC ICE DYNAMICS JOINT EXPERIMENT, UNIVERSITY OF WASHINGTON, SEATTLE, WASHINGTON. MAY 1971, 39P. AIDJEX BULLETIN NO. 8.
NR-G9-00-000-01828	NASA CONVAIR 990 REMOTE-SENSING MISSIONS OVER AIDJEX SITE, MARCH 9-16, 1971. REPORT. ANN D. MOEN, U.S. GEOLOGICAL SURVEY. IN AIDJEX BULLETIN (ARCTIC ICE DYNAMICS JOINT EXPERIMENT, UNIV. OF WASHINGTON, SEATTLE), NO. 8, MAY 1971, PP.9-14.
NR-G9-00-000-01829	SEA-SURFACE TEMPERATURE. COMMISSION FOR MARITIME METEOROLOGY, 5TH SESSION, GENEVA, 1968, PROCEEDINGS. REPORT NOS. WMO-247-TP-135, AND TN-103. WORLD METEOROLOGICAL ORGANIZATION, GENEVA, SWITZERLAND. 1969, 166P. 16 SW.FR. MOSTLY IN ENGLISH, SOME FRENCH, RUSSIAN. N70-24776 THRU N70-24783
NR-G9-00-000-01835	ARCTIC DATA BUOY AND POSITIONING SYSTEMS. SERGE M. OLENICOFF, RAND CORP., SANTA MONICA, CALIF., BEALMONT M. BUCK, REX P. BRUMBACH, JR., DELCO ELECTRONICS DIV., GENERAL MOTORS CORP., SANTA BARBARA, CALIF., AND K. HUNKINS, JOHN HALL, LAMONT-DOHERTY GEOLOGICAL OBSERV., PALISADES, N.Y. ARCTIC ICE DYNAMICS JOINT EXPERIMENT, DIV. OF MARINE RESOURCES, UNIVERSITY OF WASHINGTON, SEATTLE. APRIL 1971, 69P. AIDJEX BULLETIN NO. 7.
NR-G9-00-000-01840	OCEANOGRAPHY. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. JAN. 1971, 10P. IN SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY AND SPACE, NO. 244, JAN. 1971. PP.19-28. N71-16920
NR-G9-GH-155-01847	WORLD FISHERY TECHNOLOGY. HARVEY BULLIS, ADDRESS UNKNOWN. IN CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS. REPORTS VOL. 14 (STATE OF CALIF. MARINE RESEARCH COMMITTEE, LONG BEACH, SEPT. 1970). PP.57-66.
NR-G9-00-000-01848	CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS. REPORTS VOLUME 14, JULY 1968-JUNE 1969. STATE OF CALIFORNIA MARINE RESEARCH COMMITTEE, DEPT. OF FISH AND GAME, LONG BEACH, CALIFORNIA. SEPT. 1970, 133P.
NR-G9-00-000-01849	ON THE METHOD OF OBSERVATIONS ON SEA ICE FROM AIRCRAFT. (K METUDIKE NABLYUDENII NAD MORSKINI LDAMI S SAMOLETOV) REPORT NOS. MOU-TRANS-123, AND TT-61-28002. V.V. BERTIN, S.V. ZHADRINSKII, AND N.S. URALOV, ADDRESS UNKNOWN. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1961, 20P. TRANSL. OF - GOSDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. TRUDY (USSR), NO. 40, 1957. PP.147-155. MICROFICHE COPY. AD-720161
NR-G9-HJ-086-01854	THE UPWIND/DOWNWIND DEPENDENCE OF THE DOPPLER SPECTRA OF RADAR SEA ECHO. FINAL REPORT. REPORT NO. NRL-7229. M.B. LAING, WAVE PROPAGATION BRANCH, ELECTRONICS DIV., U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. JAN. 1971, 22P. MICROFICHE COPY. AD-719383

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01855	EXPERIMENT IN USING THE LABORATORY INTERFEROMETER ITR-2 FOR DETERMINING THE SALINITY OF SEA WATER. (OPYT PRIMENENIYA LABORATORNOGO INTERFEROMETRA ITR-2 DLYA OPREDELENIYA SOLENOTI MOSKOI VODY). REPORT NO. NOO-TRANS-63. K.D. SABININ, AND A.E. GAMATILOV, ADDRESS UNKNOWN. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1959, 10P. TRANSL. OF - METEOROLOGIYA I GIDROLOGIYA (USSR), NO. 5, 1958. PP.51-54. MICROFICHE COPY. AD-720146
NR-G9-00-000-01856	CORRELATION OF SEA SURFACE ROUGHNESS WITH MICROWAVE RADIOMETRIC TEMPERATURE. FINAL REPORT. REPORT NO. AED-R-3696. DON G. SHIPLEY, AND MELVIN N. MILLER, RCA ASTRO ELECTRONICS DIV., PRINCETON, NEW JERSEY. MARCH 1971, 31P. CONTRACT NO. N00014-71-C-0013. MICROFICHE COPY. AD-719447
NR-G9-00-000-01859	A METHOD OF INSTRUMENTAL AERIAL OBSERVATIONS ON LAND ICE IN THE SEA. (SPASOB INSTRUMENTALNYKH AVYLANABLYUDENII NAD MATERIKOVYMI LDAMI V MORE). REPORT NOS. NOO-TRANS-122, AND TT-61-28006. V.V. BETIN, S.V. ZHADRINSKII, AND N.S. URALOV, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1961, 14P. TRANSL. OF - METEOROLOGIYA I GIDROLOGIYA (USSR), NO. 5, 1959. PP.51-54. MICROFICHE COPY. AD-720160
NR-G9-00-000-01860	NEW METHODS OF AERIAL OBSERVATIONS ON SEA ICE (NOVE METODY MORSKIKH LEDOVYKH AVYANABLYUDENII). REPORT NOS. TT-62-33569, AND NOO-TRANS-102-6. V.V. BETIN, S.V. ZHADRINSKII, AND N.S. URALOV, ADDRESS UNKNOWN. U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1962, 41P. TRANSL. OF - GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT, TRUDY (USSR) NO. 37, 1959. PP.205-230. MICROFICHE COPY. AD-720157
NR-G9-00-000-01863	REPORT OF THE INTERNATIONAL ICE PATROL SERVICE IN THE NORTH ATLANTIC OCEAN, SEASON OF 1969. REPORT NO. USCG-188-24, USCG-BULL-55 JAMES R. KELLY, AND CHARLES W. MORGAN, U.S. COAST GUARD, WASHINGTON, D.C., DEC. 1969, 51P. MICROFICHE COPY AD-718504
NR-G9-BL-998-01872	PICTURE ATLAS OF THE ARCTIC. R. THOREN, SWEDISH RESEARCH INSTITUTE OF NATIONAL DEFENCE, STOCKHOLM. ELSEVIER PUBLISHING CO., NEW YORK 1969, 461P. 22X30 CM. \$57.50
NR-G9-GH-128-01874	THE MISSISSISSIPPI RIVER OUTFLOW, ITS SEASONAL VARIATIONS AND ITS SURFACE CHARACTERISTICS. DON WALSH (PH.D. DISSERTATION). TEXAS A+M UNIV., COLLEGE STATION, TEXAS. 1968,
NR-G9-CL-219-01876	A SURVEY OF SEA-ICE-THICKNESS MEASURING TECHNIQUES. REPORT NO. CRC-1214. A.W. ADEY, COMMUNICATIONS RESEARCH CENTRE, DEPT. OF COMMUNICATIONS, OTTAWA, ONTARIO, CANADA. DEC. 1970 28P. N71-14827
NR-G9-HG-138-01878	ON AN UNDERSTANDING OF THE MULTIPLE STRUCTURE IN RADIATIVE TEMPERATURE PATTERNS OVER CURRENT-RIPS AND OF THE SKIN TEMPERATURE OF SLICKS. KANTARO WATANABE, KOBE MARINE OBSERVATORY, KOBE, JAPAN. IN- UMI TO SORA, VOL. 46, NO.2, 1971, P.27-36.
NR-G9-00-000-01879	SUMMARY OF DRIFT ICE IN THE OKHOTSK SEA. KANTARO WATANABE, THE KOBE MARINE OBSERVATORY, KOBE, JAPAN. IN-PHYSICS OF SNOW AND ICE- INTERNATIONAL CONFERENCE ON LOW TEMPERATURE SCIENCE, 1966, PROCEEDINGS (INSTITUTE OF LOW TEMPERATURE SCIENCE, HOKKAIDO UNIV., SAPPORO, JAPAN, 1967), VOL. 1, P. 667-686.

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01884	IDENTIFICATION OF ORGANIC POLLUTANTS BY INFRARED SPECTROSCOPY. FRED A. VOEGE, AND HARRY L. VANESCHE, DIV. OF LAB., ONTARIO WATER RESOURCES COMMISSION, TORONTO, ONTARIO, CANADA. IN- AMERICAN WATER WORKS ASSOC. JOURNAL, VOL. 56 NO. 10, OCT. 1964, P. 1351-1356.
NR-G9-00-000-01894	MEASUREMENT OF SEA CLUTTER CORRELATION WITH FREQUENCY AGILITY AND FIXED FREQUENCY RADAR. G. LIND, PHILIPS TELEINDUSTRI AB, STOCKHOLM, SWEDEN. IN- PHILIPS TELECOMMUNICATION REVIEW, VOL. 29, NO.1 APRIL 1970, P. 32-38. MICROFICHE COPY A70-39200
NR-G9-00-000-01895	LOW TEMPERATURE SCIENCE, SERIES A - PHYSICAL SCIENCES, 1969, 432P. IN JAPANESE - ENGLISH SUMMARIES. HOKKAIDO UNIV., SAPPORO, JAPAN, INSTITUTE OF LOW TEMPERATURE SCIENCE. MICROFICHE COPY. N70-35238, N70-35270
NR-G9-EH-214-01919	AN OCEANOGRAPHIC TEST SITE FOR SATELLITE INFRARED SENSORS - THE GULF OF CALIF. REPORT NO. IR 69-80. PAUL E. LA VIOLETTE U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. SEPT. 1969 26P.
NR-G9-00-000-01921	'SURVEYMARINE' A HIGH SPEED HYDROGRAPHIC SURVEY PLATFORM. REPORT NO. IR 69-27. J.N. SPINNING, AND D.G. DIXON, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1969, 21P.
NR-G9-00-000-01922	FACTORS AFFECTING BIOLOGICAL OBSERVATIONS FROM THE ASWEP'S AIRCRAFT. REPORT NO. IR-68-102. COLEMAN LEVENSON, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. NOV. 1968, 6P.
NR-G9-HL-000-01923	INFRARED SCANNING THE ARCTIC PACK ICE. REPORT NO. IR 68-115. R.D. KETCHUM, JR, AND W.I. WITTMANN, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. DEC. 1968, 30P.
NR-G9-GH-247-01924	A 350 DEGREES PANORAMIC CAMERA FOR UNDERWATER USE. REPORT NO. IR 68-107. ROBERT L. MAIRS, AND CHESTER V. BRIGHT, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. NOV. 1968, 15P.
NR-G9-GH-998-01925	TEST AND EVALUATION OF THE HYDRA SURVEY AND DATA PROCESSING SYSTEM. REPORT NO. IR 70-3. J.N. SPINNING, AND MICHAEL PARADIS, DAN G. DIXON, J.P. FLETCHER, AND D.S. VON NIEDA, JR U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1970, 80P.
NR-G9-DK-000-01930	CURRENTS FROM AERIAL PHOTOGRAPHY IN COASTAL POLLUTION STUDIES. MICHAEL WALDICHUK, FISHERIES RESEARCH BOARD OF CANADA, BIOLOGICAL STATION, NANAIMO, B.C. IN - WATER POLLUTION RESEARCH, 3RD INTERNATIONAL CONFERENCE, MUNICH, SEPT. 1966, PROCEEDINGS (1967), P. 263-294.
NR-G9-FH-998-01931	POLLUTION SURVEILLANCE BY NONCONTACT INFRARED TECHNIQUES. J.R. VAN LOPIK, G.S. RAMBIE, AND A.E. PRESSMAN, GEOSCIENCES OPERATIONS, TEXAS INSTRUMENTS INC., DALLAS, TEXAS. IN- WATER POLLUTION CONTROL FEDERATION. JOURNAL, VOL. 40, NO.3, PART 1, MARCH 1968, P. 425-438.
NR-G9-00-000-01935	REMOTE SOUNDING OF THE ATMOSPHERIC TEMPERATURE PROFILE IN THE PRESENCE OF CLOUD. C.D. RODGERS, OXFORD UNIV., OXFORD, ENGLAND. IN- ROYAL METEOROLOGICAL SOCIETY, QUARTERLY JOURNAL VOL. 96, OCT. 1970, P. 654-666. MICROFICHE COPY. A71-10854
NR-G9-00-000-01936	CORRELATION OF SEA SURFACE TEMPERATURE WITH CLOUD PATTERNS OFF THE WEST COAST OF NORTH AMERICA DURING THE UPWELLING SEASON. ANTHONY LEO GERST (MASTER'S THESIS). NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. OCT 69, 122P. MICROFICHE COPY. AD-70-9066

TECHNICAL REPORTS - OCEANOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-G9-00-000-01937	PROBLEMS OF SATELLITE METEOROLOGY (VOPROSY) SPUTNIKOVII METEOROLOGII). REPORT NO. TT-70-50001. I.P. VETLOV, AND G.I. MORSKOI, EDITORS. TRANSL. BY ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS., LTD., JERUSALEM. 1970, 106P. TRANSL. OF GIDROMETEOROLOGICHESKII NAUCHNO-ISSLEDOVATEL' SKII TSENTR SSSR (LENINGRAD) TRUDY, NO. 36, 1968. MICROFICHE COPY N70-36639
NR-G9-00-000-01941	SPECTRUM ANALYSIS OF RADAR SEA RETURN. GEORGE F. ANDREWS, UNIV. OF MIAMI, FLORIDA. IN- AMERICAN METEOROLOGICAL SOCIETY, RADAR METEOROLOGY CONFERENCE, 14TH, TUCSON, ARIZ., NOV. 1970, PROCEEDINGS, P. 449-451. MICROFICHE COPY. A71-10600
NR-G9-00-000-01942	THE TERRESTRIAL THERMAL RADIO-EMISSION FIELD. A.E. BASHARINOV, A.S. GURVICH, L.T. TUCHKOV, AND K.S. SHIFRIN, AKADEMIIA NAUK SSSR, INSTITUT FIZIKI ATMOSFERY AND INSTITUT OKEANOLOGII, MOSCOW, USSR. IN- ACADEMY OF SCIENCES, USSR, IZVESTIYA, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 6, APR. 1970, P. 210-218. TRANSLATION. MICROFICHE COPY. A70-45192
NR-G9-00-000-01944	RADIONETER MEASUREMENTS OF WATER SURFACE TEMPERATURE. REPORT NO. JPRS-47,698. N.P. SMIRNOVA, L.D. KONOVALOVA, LENINGRAD. TRANSL. OF - LENINGRAD UNIV. VESTNIK, VOL. 23, NO. 6, SERIYA GEOLOGII I GEOGRAFI, NO 1, 1968, P.108-120. MICROFICHE COPY. N69-23202
NR-G9-00-000-01947	MISURE DELLA TEMPERATURA SUPERFICIALE DEL MAR LIGURE MEDIANTE RADIONETRO INFRAROSSO (PRT-5). (LIGURIAN SEA SURFACE TEMPERATURE MEASUREMENTS WITH INFRARED RADIONETER (PRT-5). IN ITALIAN, ENGLISH SUMMARY. REPORT NO. IFA-SR-25 M. COLACINO, CONSIGLIO NAZIONALE DELLA RICERCHER, ROME, ITALY. ISTITUTO DI FISICA DELL'ATMOSFERA. APRIL 1969, 33P. IN ITALIAN. MICROFICHE COPY N70-35009
NR-G9-00-000-01948	A SHORT RADAR DESCRIPTION OF A CRUISE THE BLACK SEA-FAR EAST. REPORT NO. NOO-TRANS-129, TT-62-13481. N.F. BUIANOV, TRANSL. BY-NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1961, 95P. TRANSL. OF MONOGRAPH- KRATKOE RADIOLOKATSIONNOE OPISANIE MARSHRUTA CHERNOE MORE-DALNII VOSTOK, MOSCOW, 1960, 26P. MICROFICHE COPY. AD-720165.
NR-G9-GH-128-01956	MICROWAVE STUDIES AT TEXAS A AND M UNIV. JACK F. PARIS, COLLEGE OF GEOSCIENCES, TEXAS A+M UNIV., COLLEGE STATION, TEXAS. IN- MICROWAVE OBSERVATIONS OF THE OCEAN SURFACE-ANALYSES OF THE NASA/NAVY REVIEW JUNE 1969 (U.S. NAVAL OCEANOGRAPHIC OFFICE SP-152, DEC. 1970), P. 15-49.
NR-G9-GH-128-01957	INVESTIGATIONS INTO THE APPLICATIONS OF PASSIVE MICROWAVE RADIONETRY TO OCEANOGRAPHIC AND METEOROLOGICAL PROBLEMS AT TEXAS A+M UNIV. (SUMMARIZED FROM SPEAKER'S NOTES). JACK F. PARIS, IN- AD HOC SPACECRAFT OCEANOGRAPHY ADVISORY GROUP 9TH MEETING, COLLEGE STATION AND HOUSTON, TEXAS, JAN 1968, TECHNICAL PAPERS, P. 5-11.
NR-G9-FJ-085-02173	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-173. THE COMPLEMENTARY ROLES OF AERIAL PHOTOGRAPHY AND RADAR IMAGING RELATED TO WEATHER CONDITIONS. DAVID S. SIMONETT, JOE R. EAGLEMAN, ET AL., UNIVERSITY OF KANSAS, DEPT. OF GEOGRAPHY, LAWRENCE, KANSAS. JUNE 1969. CONTRACT NUMBER W-12570.

**MULTISUBJECT**



# MULTISUBJECT SECTION H1 - SITE MAPS

ACCESSION NUMBER	LOCATION	TYPE	SIZE
NR-H1-PH-175-00216	SITE 175-HOUSTON, TEXAS, AREA	REGIONAL	17 X 22
NR-H1-00-998-00048	QUADRANT A	MAP, U.S.A., SITE INDEX	17 X 22
NR-H1-00-998-00049	QUADRANT B	MAP, U.S.A., SITE INDEX	17 X 22
NR-H1-00-998-00050	QUADRANT C	MAP, U.S.A., SITE INDEX	17 X 22
NR-H1-00-998-00051	QUADRANT D	MAP, U.S.A., SITE INDEX	17 X 22
NR-H1-00-999-00001		MAP, U.S.A., SITE INDEX	17 X 20
NR-H1-00-999-00002		MAP, U.S.A., SITE INDEX	8 X 10
NR-H1-00-999-00047	U.S. SITE INDEX TO SPECIAL MISSIONS 1-28, IR IMAGERY AUGUST 1966, U.S. GEOLOGICAL SURVEY		
NR-H1-00-999-00237	U.S. SITE INDEX - AREAS IMAGED BY WESTINGHOUSE MAPPING RADAR (FLIGHTS 78 THROUGH 106)		8 X 10
NR-H1-00-999-00238	U.S. SITE INDEX - AREAS IMAGED BY WESTINGHOUSE MAPPING RADAR (FLIGHTS 122 THROUGH 130)		8 X 10

## SECTION H2 - SITE DESCRIPTIONS

ACCESSION NUMBER	DESCRIPTION
NR-H2-HH-092-00043	SITE 092-PUERTO RICO

# SECTION H3 AIRCRAFT MISSION REQUESTS

ACCESSION NUMBER	DESCRIPTION
NR-H3-EJ-002-00273	SITE 002-PISGAH CRATER, CALIFORNIA (2)
NR-H3-EJ-003-00274	SITE 003-MONO CRATERS, CALIFORNIA (4)
NR-H3-DJ-024-00281	SITE 024-SAN ANDREAS FAULT, CALIFORNIA (6)
NR-H3-FJ-076-00285	SITE 076-GARDEN CITY, KANSAS (7)
NR-H3-FJ-085-00287	SITE 085-LAWRENCE, KANSAS (8)

# SECTION H4 - MISSION SCREENING AND SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-H4-EJ-998-B0131	MISSION NO. 131 SITES 029, 030, 165, 210, 217
NR-H4-EJ-998-D0089	EARTH RESOURCES PROGRAM HIGH ALTITUDE AIRCRAFT PHOTOGRAPHIC PROJECT MISSION SUMMARY REPORT - MISSION 1 THRU 8, MARCH-NOV. 1969, SITES 1-14. LEO F. CHILDS, PROJECT MANAGER, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. FEB. 1970, 68P.
NR-H4-EJ-998-B0013	MISSION NO. 13 SITES 003, 007, 019, 020, 050, 051, 040, 048, 049.
NR-H4-GJ-998-B0132	MISSION NO. 132 SITES 044, 168, 178, 190, 197, 216 AND 239. MISSION NO. 132 SITES 044, 168, 178, 190, 197, 216 AND 239. MISSION NO. 132 SITES 044, 168, 178, 190, 197, 216 AND 239.
NR-H4-EJ-998-B0018	MISSION NO. 18 SITES 015, 027, 028, 031, 051
NR-H4-GJ-998-B0132	MISSION NO. 132 SITES 044, 168, 178, 190, 197, 216 AND 239.
NR-H4-EJ-998-B0021	MISSION NO. 21 SITES 002, 003, 040
NR-H4-GH-998-B0023	MISSION NO. 23 SITES 046, 095, 099, 105-108
NR-H4-GJ-998-B0025	MISSION NO. 25 SITES 043, 088
NR-H4-EJ-998-B0028	MISSION NO. 28 SITES 024, 114, 130
NR-H4-GJ-252-BM029	MISSION NO. 29M SITE 252
NR-H4-DK-998-B0029	MISSION NO. 29 SITES 040, 130
NR-H4-EJ-998-B0032	MISSION NO. 32 SITES 011, 076
NR-H4-GH-998-B0034	MISSION NO. 34 SITES 099, 128, 138, 046
NR-H4-GH-998-B0036	MISSION NO. 36 SITES 095, 098, 102, 103, 104
NR-H4-GH-998-B0040	MISSION NO. 40 SITES 099, 103, 104, 132, 133, 134, 137
NR-H4-EJ-130-B0042	MISSION NO. 42 SITE 130

MISSION SCREENING AND SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H4-CL-998-B0047	MISSION NO. 47 SITES 143, 093
NR-H4-GH-998-B0050	MISSION NO. 50 SITES 099, 095, 108, 128
NR-H4-GJ-998-B0053	MISSION NO. 53 SITES 046, 150, 142, 152, 153, 124, 151, 148, 992
NR-H4-GJ-998-B0054	MISSION NO. 54, SITES 044, 076, 085, 118, 144
NR-H4-DJ-998-B0055	MISSION NO. 55 SITES 007, 048, 056, 156
NR-H4-EJ-998-B0056	MISSION NO. 56 SITES 003, 019, 130, 157
NR-H4-GH-998-B0057	MISSION NO. 57 SITES 146, 158
NR-H4-GH-998-B0058	MISSION NO. 58 SITES 128, CAPE KENNEDY, TITUSVILLE, FLORIDA
NR-H4-DJ-998-B0059	MISSION NO. 59 SITES 020, 051, 135, 156, 159
NR-H4-FJ-998-B0061	MISSION NO. 61 SITES 129, 076, 085, 079, 141, 992
NR-H4-GJ-998-B0062	MISSION NO. 62 SITES 032, 132, 133, 134, 137
NR-H4-GJ-998-B0065	MISSION NO. 65 SITES 46, 124, 142, 150, 151, 152, 161
NR-H4-GH-998-B0066	MISSION NO. 66 SITES 128, 162, 163, 164, 155, 132
NR-H4-GH-998-B0067	MISSION NO. 67 SITES FIREANT, 145, 146, 147, 165.
NR-H4-LL-166-B0070	MISSION NO. 70 SITE 166
NR-H4-GJ-998-B0072	MISSION NO. 72 SITES 041, 044, 126, 167
NR-H4-EJ-998-B0073	MISSION NO. 73 SITES 020, 027, 048, 072, 130, 157
NR-H4-FJ-998-B0074	MISSION NO. 74 SITES 044, 076, 085, 168, 174
NR-H4-GH-998-B0075	MISSION NO. 75 SITES 032, 162
NR-H4-GJ-998-B0077	MISSION NO. 77 SITES 044, 076, 148
NR-H4-DK-998-B0078	MISSION NO. 78 SITES 019, 003, 056, 040, 156
NR-H4-GH-998-B0079	MISSION NO. 79 SITES 173, 155, 164, 168, 174, 172
NR-H4-FJ-998-B0080	MISSION NO. 80 SITES 076, 118, 171
NR-H4-GH-998-B0081	MISSION NO. 81 SITES 165, 163, 146, 147, 145, 132
NR-H4-EJ-998-B0981	MISSION NO. 981 SITES 030, 175, 181, DALLAS/MT. WORTH, TEXAS ANSON/SNYDER, TEXAS, EL PASO, TEXAS, SAN ANTONIO, TEXAS
NR-H4-HJ-998-B0082	MISSION NO. 82 SITES 152, 161, 176, 147
NR-H4-FH-998-B0084	MISSION NO. 84 SITES 178, 179
NR-H4-GH-998-B0085	MISSION NO. 85 SITES 146, 164, 165
NR-H4-FH-998-B0089	MISSION NO. 89, SITES 030, 175, 179.
NR-H4-EJ-998-D0089	EARTH RESOURCES PROGRAM HIGH ALTITUDE AIRCRAFT PHOTOGRAPHIC PROJECT MISSION SUMMARY REPORT - MISSION 1 THRU 8, MARCH-NOV. 1969, SITES 1-14. LEO F. CHILDS, PROJECT MANAGER, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. FEB. 1970, 68P.

MISSION SCREENING AND SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H4-FH-998-B0091	MISSION NO. 91, SITES 701, 702, 703, 704, 705, 706.
NR-H4-GH-998-B0092	MISSION NO. 92 SITES 165, 164, 163, 169, 147, 146
NR-H4-GJ-998-B0093	MISSION NO. 93 SITES 165, 169, 145
NR-H4-GJ-998-B0095	MISSION NO. 95 SITES 165, 179
NR-H4-KE-998-B0096	MISSION NO. 96 SITES 801, 802, 803, 804, 805
NR-H4-DJ-998-A0100	MISSION 100, EARTH RESOURCES SCREENING AND INDEXING REPORT SITES 3, 7, 20, 48, 56, 131 (SEE SITE 019), 135, 189, 193
NR-H4-DJ-998-B0100	MISSION NO. 100 SITES 007, 020, 048, 135, 189, 193
NR-H4-EJ-998-A0101	MISSION 101, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 011, 030, 149, 185, 186, 194, 195, 029
NR-H4-FJ-998-B0101	MISSION NO. 101 SITES 011, 030, 149, 185, 186, 194, 195
NR-H4-FJ-998-A0102	MISSION 102, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 011, 039, 076, 085, 186, 197
NR-H4-EJ-998-B0102	MISSION NO. 102 SITES 011, 039, 076, 085, 186, 197
NR-H4-HJ-998-A0103	MISSION 103, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 167, 168, 176, 177, 188, 191, AND 224
NR-H4-GJ-998-B0103	MISSION NO. 103 SITES 167, 168, 176, 177, 188, 191, 224
NR-H4-GJ-998-A0104	MISSION 104, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 142, 151, 168, 174, 176, 188, AND 201
NR-H4-GJ-998-B0104	MISSION NO. 104 SITES 142, 151, 168, 174, 176, 188, 201
NR-H4-FJ-998-A0105	MISSION 105, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 076, 085, 178, 184, AND 185
NR-H4-FJ-998-B0105	MISSION NO. 105 SITES 076, 085, 178, 184, 185
NR-H4-FJ-998-A0106	MISSION 106, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 085, 175, 178, 184, AND 996
NR-H4-FJ-998-B0106	MISSION NO. 106 SITES 085, 178, 184, 996
NR-H4-FH-998-A0107	MISSION 107, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 155 AND 198
NR-H4-FH-998-B0107	MISSION NO 107, SITE 198, 199
NR-H4-FJ-998-A0110	MISSION 110, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 222, AND 223
NR-H4-FH-998-B0110	MISSION NO. 110 SITES 155, 198, 222
NR-H4-FJ-998-A0111	MISSION 111, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 196, 203, 208,
NR-H4-FJ-998-B0111	MISSION NO. 111 SITES 196, 203 AND 208
NR-H4-GH-998-A0112	MISSION 112, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 044, 146, 163, 164, 165, 169
NR-H4-GH-998-B0112	MISSION NO. 112 SITES 044, 146, 147, 163, 164, 165, 169
NR-H4-FH-998-A0115	MISSION 115, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 171, 175, 202, AND 205

MISSION SCREENING AND SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H4-FH-998-B0115	MISSION NO. 115 SITES 171, 175, 202, 205
NR-H4-EJ-998-A0116	MISSION 116, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 044, 210, 212, 220
NR-H4-FH-998-A0117	MISSION 117, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 032, 707, AND 708
NR-H4-FH-998-B0117	MISSION NO. 117 SITE 032, 707, 708
NR-H4-EJ-998-A0118	MISSION 118, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 175, 210
NR-H4-EJ-998-B0118	MISSION NO. 118 SITES 029, 175, 210
NR-H4-EJ-998-A0120	MISSION 120, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 194, 210
NR-H4-EJ-998-B0120	MISSION NO. 120 SITES 029, 194, AND 210
NR-H4-GJ-998-A0121	MISSION 121, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 124, 125, 142, 151, 152, 188 AND 215
NR-H4-HJ-998-B0121	MISSION NO. 121 SITES 124, 125, 142, 151, 152, 188, 215
NR-H4-EJ-998-A0123	MISSION 123, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 165, 210, 211, 213
NR-H4-EJ-998-B0123	MISSION NO. 123 SITES 029, 165, 210, 211, 213
NR-H4-BL-998-A0126	MISSION 126, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 093, 219, AND 221
NR-H4-EJ-998-A0127	MISSION 127, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 030, 175, AND 210
NR-H4-EJ-998-B0127	MISSION NO. 127 SITES 029, 030 AND 210
NR-H4-GJ-998-A128A	MISSION 128A, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 046, 132, 175, 217, 227
NR-H4-EJ-998-A128B	MISSION 128B, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 030, 211, 225, 235, 238, AND 994
NR-H4-EJ-998-A0129	MISSION 129, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 030, 210, 216, AND 218
NR-H4-EJ-998-B0129	MISSION NO. 129 SITES 029, 030, 210, 216, 218
NR-H4-FH-998-A0130	MISSION 130, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 076, AND 175
NR-H4-FH-998-B0130	MISSION NO. 130 SITES 076, 175
NR-H4-EJ-998-A0131	MISSION 131, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 030, 165, 210, AND 217
NR-H4-EJ-998-B0131	MISSION NO. 131 SITES 029, 030, 165, 210, 217
NR-H4-GJ-998-A0132	MISSION 132, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 044, 168, 178, 190, 197, 216, AND 239
NR-H4-GJ-998-B0132	MISSION NO. 132 SITES 044, 168, 178, 190, 197, 216 AND 239.
NR-H4-FJ-998-A0133	MISSION 133, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 076 AND 178
NR-H4-GJ-998-B0132	MISSION NO. 132 SITES 044, 168, 178, 190, 197, 216 AND 239.
NR-H4-FJ-998-B0133	MISSION NO. 133 SITES 076, 178

## MISSION SCREENING AND SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H4-EJ-998-A0139	MISSION 139, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 010, 020, 029, 211, 242, 243,
NR-H4-EJ-998-B0139	MISSION NO. 139 SITES 010, 020, 029, 211
NR-H4-EJ-998-C0139	MISSION 139, EARTH RESOURCES AIRCRAFT PROGRAM - SURFACE WEATHER OBSERVATIONS, SITES 242, 211, 243, 020, 220, AND 029. NASA/MSC, SPACEFLIGHT METEOROLOGY GROUP, HOUSTON, TEXAS. JULY 20-31, 1970.
NR-H4-DJ-998-B0140	MISSION NO. 140 SITES 007 AND 022
NR-H4-EJ-998-A0141	MISSION 141, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 217, 220, AND 246
NR-H4-GJ-998-C0144	MISSION 144 - SEPTEMBER 19-29, 1970 - METEOROLOGICAL OBSERVATIONS - SITE 167 - LAKE MICHIGAN. SPACE FLIGHT METEOROLOGICAL GROUP, NASA/MSC, HOUSTON, TEXAS
NR-H4-FJ-998-A0145	MISSION 145, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 029, 175, 190, 209, 239, 244, 253, AND 257.
NR-H4-EJ-998-A0146	MISSION 146, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 209, 220, 246, AND 255.
NR-H4-EJ-998-B0146	MISSION NO. 146 SITES 209, 220, 246, 255
NR-H4-DJ-998-C0146	MISSION 146, NOVEMBER 9-20, 1970 - SITE 211-SAN FRANCISCO BAY AREA, SITE 220-FT. HUACHUCA, SITE 254-CALIFORNIA COASTAL AREA, SITE 255-NORTH HIGH PLAINS, SOUTH DAKOTA. SPACE FLIGHT METEOROLOGY GROUP, NASA/MSC, HOUSTON, TEXAS.
NR-H4-GH-998-A0147	MISSION 147, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 164, 247, AND 248.
NR-H4-GH-998-A0149	MISSION 149, EARTH RESOURCES SCREENING AND INDEXING REPORT, SITES 175 AND 155
NR-H4-GJ-198-A0150	MISSION 150, EARTH RESOURCES SCREENING AND INDEXING REPORT SITE 198
NR-H4-GJ-998-B0150	MISSION NO. 150 SITE 198
NR-H4-EJ-998-A0153	MISSION 153, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 076, 185, 245
NR-H4-EJ-998-B0153	MISSION NO. 153 SITES 076, 185, 245
NR-H4-FH-998-A0154	MISSION 154, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 128, 175, 251, AND 256
NR-H4-EJ-998-A0155	MISSION 155, EARTH RESOURCES SCREENING AND INDEXING REPORT. SITES 259, 261, 262, AND 275.
NR-H4-EJ-998-C0155	MISSION 155, EARTH RESOURCES AIRCRAFT PROGRAM (ERAP) WEATHER CHARTS AND OBSERVATIONS. PART 1. JAN. 15, 18, 19. PART 2. JAN. 21, 23. PART 3. JAN. 24, 25, 1971, SURFACE AND UPPER AIR. NATIONAL OCEANIC AND ATMOSPHERIC AGENCY (NOAA), WEATHER BUREAU, SPACEFLIGHT METEOROLOGY GROUP, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JAN. 1971. PART 1. 21, PART 2. 15, AND PART 3. 15 FOLDED CHARTS, PSEUDO-ADIABATIC CHARTS, AND LISTS.
NR-H4-FH-998-C0157	MISSION 157 - FEB. 8-9, 1971 - METEOROLOGICAL OBSERVATIONS - SITE 263-GUADELUPE MT., SITE 264-PAINTED DESERT, SITE 128-OIL SLICK, SITE 253-CENTRAL GULF COAST AREA, SITE 217-ATLANTA, SITE 169-FLORIDA KEYS, SITE 182-WEST PALM BEACH, SITE 114-WHITE SANDS, SITE 261-JORNADA BIONE, METEOROLOGICAL DATA COVERING FEB. 13-19, 1971. SPACE FLIGHT METEOROLOGY GROUP, NASA/MSC, HOUSTON, TEXAS.

MISSION SCREENING AND SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H4-EJ-998-B0158	MISSION NO. 158 SITES 29, 32, 217, 220, 246
NR-H4-EJ-998-C0158	MISSION 158 MARCH 2-8, 1971 - METEOROLOGICAL OBSERVATIONS - SITE 029-PHOENIX, SITE 220-FT. HUACHUCA, SITE 246-GILA RIVER, SITE 032-WESLACO, SITE 217-ATLANTA. SPACE FLIGHT METEOROLOGY GROUP, NASA/MSC, HOUSTON, TEXAS.
NR-H4-FH-998-B0159	MISSION NO. 159 SITES 128, 251, 256, 265
NR-H4-DJ-998-C0164	MISSION 164 - SITES 211, 254, 260, WEATHER DATA, MARCH 30-APRIL 5, 1971.
NR-H4-GH-998-C0165	MISSION 165 - METEOROLOGICAL DATA AND CHARTS, MAY 16, 17, 18, 19, 20, 1971.
NR-H4-DJ-998-C0167	MISSION 167 - BUCK'S LAKE, CALIF., SAN PABLO RESERVOIR, CALIF, METEOROLOGICAL DATA AND CHARTS, JUNE 2-4, 1971.
NR-H4-EJ-998-C0168	MISSION 168 METEOROLOGICAL DATA AND CHARTS, JUNE 14-17, 1971 SPACEFLIGHT METEOROLOGY GROUP, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JUNE 1971, 1 ROLL.

## SECTION H6 - DIVISION BIBLIOGRAPHY

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00011	RECORDING AND PROCESSING OF MULTIFREQUENCY RADAR DATA. QUARTERLY PROGRESS REPORT, 1 SEPTEMBER 1965 THROUGH 30 NOVEMBER 1965. RADAR AND OPTICS LABORATORY, WILLOW RUN LABORATORIES, THE INSTITUTE OF SCIENCE AND TECHNOLOGY. PREPARED FOR THE ENGINEERING SCIENCE DIVISION, CENTER FOR RESEARCH, INC., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. CONTRACT NO. CRES-61-2. BY REED MAES, APRIL 1966. STAR X66-18724.
NR-H6-00-000-00023	MANNED MARS SURFACE OPERATIONS. FINAL REPORT, DETAILED TECHNICAL REPORT, PARTS 4 - 7. RESEARCH AND ADVANCED DEVELOPMENT DIVISION, AVCO CORPORATION, WILMINGTON, MASSACHUSETTS. PREPARED FOR ADVANCED SYSTEMS OFFICE, GEORGE C. MARSHALL SPACE FLIGHT CENTER, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HUNTSVILLE, ALABAMA. SEPTEMBER 30, 1965. CONTRACT NO. NAS 8-11353.
NR-H6-00-000-00025	FEASIBILITY OF OBJECTIVE COLOR SYSTEMS. FINAL REPORT, SEPTEMBER 13, 1965. U.S. ARMY ENGINEERS, GEODESY, INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPMENT AGENCY, FORT BELVOIR, VIRGINIA. PREPARED FOR THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. PREPARED UNDER NASA-
NR-H6-EJ-071-00037	MANNED LUNAR EXPLORATION INVESTIGATIONS. SEMI-ANNUAL PROGRESS REPORT, JULY 1, 1964 TO JANUARY 1, 1965. APPENDICES A, B, C, AND D. FEBRUARY, 1965. CONTRACT NO. USGS.

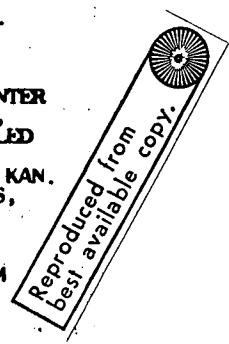
DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00040	RECORDING AND PROCESSING OF MULTIFREQUENCY RADAR DATA. QUARTERLY PROGRESS REPORT, 1 DECEMBER 1965 THROUGH 28 FEBRUARY 1966. RADAR AND OPTICS LABORATORY, WILLOW RUN LABORATORIES, INSTITUTE OF SCIENCE AND TECHNOLOGY, REED MAES, JUNE 1966. PREPARED FOR THE ENGINEERING SCIENCE DIVISION, CENTER FOR RESEARCH, INC., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. CONTRACT CRES-61-2. STAR X66-19715.
NR-H6-00-000-00043	PROGRESS REPORT FOR MULTI-SPECTRAL TRACKING TELESCOPE FOR THE APOLLO APPLICATIONS PROGRAM. OPTICAL SCIENCES LABORATORY, UNIVERSITY OF ARIZONA, TUCSON, ARIZONA. SEPTEMBER 1967. CONTRACT NO. NSR-03-002-066.
NR-H6-FJ-085-00044	RADAR STUDIES RELATING TO THE EARTH RESOURCES SURVEY PROGRAM. MONTHLY PROGRESS REPORT MR11K-3. 1 AUGUST 1967 TO 1 SEPTEMBER 1967. CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. CONTRACT NO. NAS 9-7175
NR-H6-FJ-998-00046	SCATTEROMETER DATA ANALYSIS FOR EARTH RESOURCES PROGRAM MONTHLY PROGRESS REPORT, 7 SEPTEMBER TO 7 OCTOBER 1967. W.L. FLOYD, RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA OCTOBER 1967. CONTRACT NO. NAS 9-6059.
NR-H6-00-000-00050	PROGRESS REPORT FOR MULTI-SPECTRAL TRACKING TELESCOPE FOR THE APOLLO APPLICATIONS PROGRAM. CONTROL NO. PR 10-6208. P.N. SLATER, R.H. NOBLE, B.J. BOK, AND B.J. SAVIDGE. STEWARD OBSERVATORY, UNIVERSITY OF ARIZONA, TUCSON, ARIZONA. JUNE 1, 1967. CONTRACT NO. NSR 03-002-066. STAR X67-19628.
NR-H6-EJ-019-00057	FUNDAMENTAL STUDIES RELATING PARTICLE SIZE EFFECTS TO INFRARED SPECTRA. 1ST SEMI-ANNUAL REPORT, 1 JUNE 1967 TO 30 NOVEMBER 1967. REMOTE SENSING LABORATORY, GEOPHYSICS DEPARTMENT, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. JANUARY 1968. CONTRACT NO. NGR-05-020-237. STAR N68-20277.
NR-H6-00-000-00060	SCATTEROMETER DATA ANALYSIS FOR EARTH RESOURCES PROGRAM. 4TH MONTHLY PROGRESS REPORT. 7 DECEMBER 1967 TO 7 JANUARY 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. FEBRUARY 1968. CONTRACT NO. NAS 9-6059.
NR-H6-HJ-086-00062	SCATTEROMETER DATA ANALYSIS FOR EARTH RESOURCES PROGRAM. FIFTH MONTHLY PROGRESS REPORT, 7 JANUARY 1968 TO 7 FEBRUARY 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. MARCH 1968. CONTRACT NO. NAS 9-6059.
NR-H6-EJ-002-00066	SCATTEROMETER DATA ANALYSIS FOR EARTH RESOURCES PROGRAM, SIXTH MONTHLY PROGRESS REPORT, 7 FEBRUARY 1968 TO 7 MARCH 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. MAY 8, 1968. CONTRACT NO. NAS 9-6059.
NR-H6-DJ-020-00074	A TEST OF THE CONCEPT AND PRACTICAL APPLICATION OF MULTIBAND RECONNAISSANCE. FINAL REPORT, SEPTEMBER 30, 1967. ROBERT N. COLWELL AND JERRY D. LENT, UNIVERSITY OF CALIFORNIA, SCHOOL OF FORESTRY, BERKELEY, CALIFORNIA. CONTRACT NUMBER NGR 05-003-080. STAR N68-18199.
NR-H6-EJ-998-00075	SCATTEROMETER DATA ANALYSIS FOR EARTH RESOURCES PROGRAM. SECOND MONTHLY PROGRESS REPORT, 7 OCTOBER 1967 TO 7 NOVEMBER 1967. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-6059.
NR-H6-JK-160-00076	SCATTEROMETER DATA ANALYSIS FOR EARTH RESOURCES PROGRAM. THIRD MONTHLY PROGRESS REPORT, 7 NOVEMBER 1967 TO 7 DECEMBER 1967. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-6059.



DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-HJ-998-00091	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. FIRST MONTHLY PROGRESS REPORT, 1 JUNE 1968 TO 1 JULY 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIF. CONTRACT NUMBER NAS 9-8252.
NR-H6-GH-998-00092	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. SEVENTH MONTHLY PROGRESS REPORT, 1 DECEMBER 1968 TO 1 JANUARY 1969. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-8252.
NR-H6-EJ-998-00093	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. EIGHTH MONTHLY PROGRESS REPORT, 1 JANUARY 1969 TO 1 FEBRUARY 1969. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-8252
NR-H6-00-000-00094	QUARTERLY PROGRESS REPORT, JULY, AUGUST, SEPTEMBER 1968. BELLCOMM, INC., WASHINGTON, D.C. REPORT NO. 68-101-4. NOVEMBER 29, 1968. CONTRACT NUMBER NASW-417.
NR-H6-FJ-076-00099	INTERIM TECHNICAL PROGRESS REPORT, PROJECT THEMIS: A CENTER FOR REMOTE SENSING. FIRST SEMI ANNUAL TECHNICAL REPORT, SEPTEMBER 1967 TO APRIL 1968. CRES REPORT 133-2. COMPILED BY R.D. ELLERMEIR, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KAN. MONITORED BY U.S. ARMY ENGINEER TOPOGRAPHIC LABORATORIES, FT. BELVOIR, VIRGINIA. CONTRACT NO. DAAK02-66-C-0089. MICROFICHE AND HARD COPY.
NR-H6-00-000-00101	STUDY OF ADVANCED MULTISPECTRAL SENSOR SYSTEMS. INTERIM REPORT 1. P.N. SLATER, UNIVERSITY OF ARIZONA, OPTICAL SCIENCES CENTER, TUCSON, ARIZONA. DECEMBER 5, 1968. CONTRACT NUMBER NAS 9-7081.
NR-H6-FJ-076-00102	RADAR STUDIES RELATED TO THE EARTH RESOURCES SURVEY PROGRAM. PROGRESS REPORT MR 118-14. JANUARY 1 TO FEBRUARY 21, 1969. PREPARED BY R. GERCHBERG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NAS 9-7175.
NR-H6-00-000-00103	REFERENCE DOCUMENT: INTRODUCTION TO NASA 926 AND 927 REMOTE SENSOR AIRCRAFT AS APPLIED TO THE EARTH RESOURCES PROGRAM, MARCH 1966
NR-H6-00-000-00104	FIELD INFRARED ANALYSIS OF TERRAIN - SPECTRAL CORRELATION PROGRAM. PART 1 - ORIGINAL LMSC SG-4 PROGRAM UNIVAC 1107 (FEBRUARY 8, 1967) RSL TECH REPORT NO. 67-1. STANFORD UNIVERSITY, REMOTE SENSING LABORATORY, STANFORD, CALIFORNIA. CONTRACT NUMBER NAS 2-2527.
NR-H6-00-000-00108	MODIFICATION OF 16.5 GHZ SIDE LOOKING RADAR SYSTEM, FINAL REPORT, PHASE I. KEITH A. PARADIS AND FRANK JAYNE, PHILCO-FORD CORP., AERONUTRONIC DIVISION, NEWPORT BEACH, CALIF. NOVEMBER 30, 1967. CONTRACT NUMBER NAS 9-7835. STAR X68-15906.
NR-H6-00-000-00109	MODIFICATION OF 16.5 GHZ SIDE LOOKING RADAR SYSTEM, FINAL REPORT, PHASE II. KEITH A. PARADIS, PHILCO-FORD, CORP., AERONUTRONIC DIVISION, NEWPORT BEACH, CALIFORNIA. SEPTEMBER 23, 1968. CONTRACT NUMBER NAS 9-7835.
NR-H6-00-000-00110	OPERATION, CALIBRATION AND MAINTENANCE PROCEDURES FOR THE INFRARED PALLET. LOCKHEED ELECTRONICS COMPANY, SPACE ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/SESD DOCUMENT 9-16. NOVEMBER 12, 1968.
NR-H6-00-000-00111	MOBILE RECEIVING STATION OPERATING INSTRUCTION. LOCKHEED ELECTRONICS COMPANY, SPACE ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/SESD DOCUMENT 9-17. NOVEMBER 27, 1968.



DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00112	ANALYSIS OF THE SPAN SOLAR TELESCOPE OPTICS. W.H. CLOWARD, LOCKHEED ELECTRONICS COMPANY, SPACE PHYSICS DEPARTMENT, HOUSTON, TEXAS. MSC/SPD DOCUMENT 21-57. FEBRUARY 2, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00113	ANALYSIS OF THE OPTICS OF THE RAZIXW TELESCOPE. W.H. CLOWARD, LOCKHEED ELECTRONICS COMPANY, SPACE PHYSICS DEPARTMENT, HOUSTON, TEXAS. MSC/SPD DOCUMENT 21-61. FEBRUARY 2, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00114	INFRARED IMAGING SYSTEM (RX-4)(RECONOFAX IV), CALIBRATION, MAINTENANCE AND OPERATION PROCEDURES. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 9-18. SEPTEMBER 5, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00115	RS-7 INFRARED SURVEILLANCE SYSTEM OPERATION, MAINTENANCE AND CALIBRATION, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 9-21. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00116	16.5-GHZ SIDE-LOOKING RADAR SYSTEM FAMILIARIZATION MANUAL, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 10-5. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00117	APOLLO APPLICATIONS PROGRAM, ORBITAL WORKSHOP MISSION, EXPERIMENT DATA ACQUISITION SYSTEM, PRELIMINARY REPORT. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 21-29. CONTRACT NUMBER NAS 9-5191.
NR-H6-EJ-114-00118	SH 3A LOW-LEVEL SCATTEROMETER MISSION, WHITE SANDS, NEW MEXICO, JULY 13-JULY 27, 1967, FINAL REPORT. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 21-39. NOVEMBER 15, 1967. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00119	SPACECRAFT PANORAMIC CAMERA PROGRAM, PHASE I, A REVIEW OF THE STATE-OF-THE-ART, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 21-48. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00120	SPACECRAFT PANORAMIC CAMERA PROGRAM, PHASE II, PARAMETRIC STUDY OF SYSTEM DESIGN CONCEPTS. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 21-54. JANUARY 19, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00121	AAS-5 SCANNING/IMAGING SYSTEM, EVALUATION OF SPECTRAL RESPONSE CHARACTERISTICS, TEST REPORT. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 21-85. SEPTEMBER 5, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00122	DIGITAL SYSTEMS DATA VERIFICATION PROCEDURE, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-7. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00123	NASA 926 (CV-240) 13.3 GC SCATTEROMETER DATA VERIFICATION PROCEDURE. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-8. FEBRUARY 5, 1968. CONTRACT NO. NAS 9-5191.
NR-H6-00-000-00124	VERIFICATION OF P3A DATA RECORDING SYSTEM OPERATION (POST FLIGHT). LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-9. CONTRACT NUMBER NAS 9-5191.

DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00125	CV-240 MR-62, 64 MICROWAVE RADIONETER DATA VERIFICATION PROCEDURE. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-10. MARCH 1, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00126	NASA 927 (P3A) DEW-POINT HYGROMETER (CAMBRIDGE SYSTEMS, INC) VERIFICATION PROCEDURE. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-11. JANUARY 19, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00127	NASA 927 (P3A) LIQUID-WATER-CONTENT INDICATOR DATA VERIFICATION. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-12. JANUARY 19, 1968. CONTRACT NO. NAS 9-5191.
NR-H6-00-000-00128	ERAP TOTAL AIR TEMPERATURE INDICATOR DATA VERIFICATION, VERIFICATION PROCEDURE. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-13. MARCH 25, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00129	POSTFLIGHT VERIFICATION OF CV-240 (NASA 926) DATA RECORDING SYSTEM OPERATION, VERIFICATION PROCEDURE. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-14. APRIL 29, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00130	NASA 927 (P3A) 400-MHZ RADAR SCATTEROMETER DATA VERIFICATION, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 24-15. CONTRACT NO. NAS 9-5191.
NR-H6-00-000-00131	NASA 927 (P3A) RADIONETER DATA VERIFICATION, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. NASA/MSD DOCUMENT 24-16. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00132	13.3 GHZ SCATTEROMETER COMPUTER DATA PROCESSING PLAN, SPECIAL INSTRUCTION, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-74. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00133	EARTH RESOURCES AIRCRAFT PROGRAM DATA VERIFICATION FLOW AND RESPONSIBILITIES, SPECIAL INSTRUCTION. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-79. NOVEMBER 24, 1967. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00134	ULTRAVIOLET SCANNING SYSTEM (AN/AAS-5), SPECIAL INSTRUCTION. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-82. MAY 8, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00135	NASA 926 (CV-240) DATA VERIFICATION, SPECIAL INSTRUCTION. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-91. JULY 17, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00136	EARTH RESOURCES SURVEY PROGRAM UV AND IR IMAGING/NON-IMAGING SYSTEMS, INVESTIGATOR QUESTIONNAIRE. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-99. MARCH 11, 1968. CONTRACT NUMBER NAS 9-5191.

DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00137	RADIATION THERMOMETER (MODEL PRT-5), PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-100. SEPTEMBER 5, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00139	IR IMAGERS (ERAP) FILM HANDLING AND QUICK LOOK EVALUATION, SPECIAL INSTRUCTION, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, INSTRUMENTATION AND ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-114. SEPTEMBER 11, 1968. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00140	RADIOMETER, SPECTROMETER, AND CAMERA ASSEMBLY, BORESIGHT PROCEDURE, SPECIAL INSTRUCTION, PRELIMINARY. LOCKHEED ELECTRONICS COMPANY, SPACE ELECTRONIC SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/IESD DOCUMENT 28-107. CONTRACT NUMBER NAS 9-5191.
NR-H6-00-000-00141	SELECTION OF OM CAMERAS FOR APOLLO LUNAR PHOTOGRAPHY - CASE 340. D.D. LLOYD, BELLCOMM, INC., WASHINGTON, D.C. SEPTEMBER 9, 1968.
NR-H6-00-000-00142	A PROPOSED 2 COLOR PHOTOGRAPHIC CSM EXPERIMENT - CASE 340. A.F.H. GOETZ, BELLCOMM, INC., WASHINGTON, D.C. SEPTEMBER 20, 1968.
NR-H6-FJ-076-00144	RADAR STUDIES RELATED TO THE EARTH RESOURCES SURVEY PROGRAM. PROGRESS REPORT MR 118-15. R. GERCHBERG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MARCH 24, 1969. CONTRACT NUMBER NAS 9-7175.
NR-H6-00-000-00145	APOLLO CAMERA RESOLUTION TEST - CASE 340. A.F.H. GOETZ, BELLCOMM, INC., WASHINGTON, D.C. MARCH 6, 1969.
NR-H6-00-000-00146	APPLICATION OF THE SO65 EXPERIMENT TO LUNAR ORBITAL COLORIMETRY - CASE 340. A.F.H. GOETZ, BELLCOMM, INC., WASHINGTON, D.C. MARCH 10, 1969.
NR-H6-DJ-998-00147	MAINTENANCE AND OPERATION OF THE MULTISPECTRAL DATA COLLECTION AND REPRODUCTION FACILITIES OF THE UNIVERSITY OF MICHIGAN. INTERIM REPORT. WRL 2599-11-P. PHILIP G. HASELL, JR., UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LABS., ANN ARBOR, MICHIGAN. MARCH 1970. CONTRACT NUMBER NAS 9-9304.
NR-H6-00-000-00148	PREDICTING THE DYE LAYER DENSITIES OF COLOR INFRARED TRANSPARENCIES - WITH AN ADDENDUM - COLOR INFRARED PHOTOGRAPHY THROUGH SPACECRAFT WINDOWS. ROBERT W. PEASE, UNIVERSITY OF CALIFORNIA, DEPARTMENT OF GEOGRAPHY, RIVERSIDE, CALIFORNIA.
NR-H6-FJ-998-00151	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. SECOND MONTHLY PROGRESS REPORT, 1 JULY 1968 TO 1 AUGUST 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-8252.
NR-H6-FH-998-00152	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. THIRD MONTHLY PROGRESS REPORT, 1 AUGUST 1968 TO 1 SEPTEMBER 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-8252.
NR-H6-GJ-998-00153	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. FOURTH MONTHLY PROGRESS REPORT, 1 SEPTEMBER 1968 TO 1 OCTOBER 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-8252.

DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-EJ-998-00154	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. SIXTH MONTHLY PROGRESS REPORT, 1 NOVEMBER 1968 TO 1 DECEMBER 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-8252.
NR-H6-EJ-998-00155	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. TENTH MONTHLY PROGRESS REPORT, 1 MARCH 1969 TO 1 APRIL 1969. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NUMBER NAS 9-8252.
NR-H6-FJ-998-00156	SCATTEROMETER DATA ANALYSIS PROGRAM. FINAL REPORT FOR THE PERIOD 18 OCTOBER 1967 TO 31 MAY 1968. RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. CONTRACT NO. NAS 9-6059. STAR N69-30745.
NR-H6-EJ-998-00157	ENVIRONMENTAL STUDIES USING GEMINI PHOTOGRAPHY. REPORT NO. TR 48.68.002. FRANK J. WOBBER, IBM, FEDERAL SYSTEMS DIV., BETHESDA, MARYLAND. MAY 1, 1968.
NR-H6-00-000-00158	PASSIVE MICROWAVE SENSORS AVAILABLE FOR METEOROLOGY AND EARTH RESOURCES REMOTE SENSING - CASE 710. B.E. SABELS, W.L. SMITH, BELLOMM, INC., WASHINGTON, D.C. MAY 2, 1968
NR-H6-FJ-998-00159	ONE-YEAR STUDY TO IMPROVE METHODS OF PROCESSING SCATTEROMETER DATA. ELEVENTH MONTHLY PROGRESS REPORT APRIL 1, 1969 TO MAY 1, 1969. REPORT NO. 57663-29. RYAN AERONAUTICAL CO., SAN DIEGO, CALIFORNIA. MAY 1969. CONTRACT NUMBER NAS 9-8252
NR-H6-00-000-00160	PATTERN RECOGNITION APPLIED TO INFORMATION HANDLING IN COMPLEX SYSTEMS (3-21 E (P47)). IRAD-LINE ITEM DESCRIPTION. MCDONNELL DOUGLAS ASTRONAUTICS CO., PATTERN RECOGNITION RESEARCH DEPT., NEWPORT BEACH, CALIFORNIA. 1970.
NR-H6-LL-998-00161	SCATTEROMETER DATA ANALYSIS PROGRAM, FINAL REPORT, FOR THE PERIOD 1 JUNE 1968 TO 31 MAY 1969. REPORT NO. 57667-4. N. GUILLOT AND S. BENEDICT, RYAN AERONAUTICAL COMPANY, SAN DIEGO, CALIFORNIA. MAY 1969. CONTRACT NO. NAS 9-8252.
NR-H6-00-000-00164	EARTH RESOURCES SURVEYS FROM SPACE. PETER C. BADGLEY, NASA, WASHINGTON, D.C., AND LEO F. CHILDS, NASA HOUSTON, TEXAS. PRESENTED AT THE OCEAN FROM SPACE, A SYMPOSIUM SPONSORED BY THE AMERICAN SOCIETY FOR OCEANOGRAPHY AND THE GULF UNIVERSITIES RESEARCH CORPORATION, APRIL 1967. STAR X68-10595.
NR-H6-FJ-129-00166	PRELIMINARY REPORT ON RADAR LINEAMENTS IN THE BOSTON MOUNTAINS OF ARKANSAS. CRES TECHNICAL MEMORANDUM 118-5. J.N. KIRK AND R.L. WALTERS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSG-298 AND NSR-17-004-003. PUBLISHED IN COMPASS OF SIGMA GAMMA EPSILON, V.45, NO.2, JANUARY 1968, P 122-127.
NR-H6-EJ-998-00167	INFRARED SPECTROMETRY STUDIES. QUARTERLY PROGRESS REPORT MAY 1, TO JULY 1, 1969. R.J.P. LYON, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. CONTRACT NO. NAS 9-7313.
NR-H6-00-000-00168	PRELIMINARY 400-MHZ RADAR SCATTEROMETER QUICK-LOOK DATA VERIFICATION PROCEDURE. LOCKHEED ELECTRONICS CO., SPACE ELECTRONICS SYSTEMS DIVISION, HOUSTON, TEXAS. MSC/SESD DOCUMENT 24-22. JULY 1, 1969.
NR-H6-EJ-998-00169	ANALYSIS OF EARTH RESOURCES ON APOLLO 9 PHOTOGRAPHY. PROGRESS REPORT. ROBERT N. COLWELL, ET. AL. FORESTRY REMOTE SENSING LABORATORY, SCHOOL OF FORESTRY AND CONSERVATION, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. JULY 1969. CONTRACT NO. NAS 9-9348.



DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00170	PLANETARY TRANSPORT PROCESSES IN THE UPPER ATMOSPHERE. ANNUAL PROGRESS REPORT. REGINALD E. NEWELL, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, DEPARTMENT OF METEOROLOGY, CAMBRIDGE, MASSACHUSETTS. MAY 1967. CONTRACT NO. AT(30-1)-2241 STAR N67-37874.
NR-H6-00-000-00172	EVALUATION OF NASA DATA BASE FOR APPLICATION TO THE NATURAL RESOURCES INDUSTRIES. PROGRESS REPORT. WILLIAM A. SHINNICK TECHNOLOGY APPLICATION CENTER, UNIVERSITY OF NEW MEXICO, ALBUQUERQUE, NEW MEXICO. 1966. CONTRACT NUMBER NSR-32-004-013.
NR-H6-00-000-00173	EVALUATION OF POTENTIAL USERS OF NASA GENERATED NATURAL RESOURCES INFORMATION. J.L. ALBRIGHT, TECHNOLOGY APPLICATION CENTER, UNIVERSITY OF NEW MEXICO, ALBUQUERQUE, NEW MEXICO. MARCH 1967. CONTRACT NUMBER NSR-32-004-013.
NR-H6-00-000-00174	INFRARED EMISSIVITIES OF SILICATES. EXPERIMENTAL RESULTS AND A CLOUDY ATMOSPHERE MODEL OF SPECTRAL EMISSION FROM CONDENSED PARTICULATE MEDIUMS. JAMES E. CONEL, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. INFRARED EMISSIVITIES OF SILICATES 1. (PREPRINT) IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 74, NO. 6, MARCH 1969, PP.1614-1634.
NR-H6-00-000-00177	FEASIBILITY STUDY ON COMPARATIVE CLOUD ELEVATION DETERMINATION USING ESSA SATELLITE PHOTOGRAPHY. REPORT NO. LEC/HASD NO. TWP-68-30. AUTOMETRIC OPERATION, RAYTHEON CO. ALEXANDRIA, VIRGINIA. JULY 1968. CONTRACT NO. NAS 9-5191.
NR-H6-00-000-00181	QUARTERLY PROGRESS REPORT, APRIL, MAY, JUNE 1969. BELLCOMM, INC., WASHINGTON, D.C. REPORT NO. 69-101-3. AUGUST 8, 1969. CONTRACT NUMBER NASW-417.
NR-H6-EJ-114-00189	RESEARCH ON TERRAIN EFFECTS ON OPTICAL TURBULENCE GENERATION. FINAL REPORT. REPORT NUMBER STEWS-1D-65-3. JOHN A. ROTH, INSTRUMENTATION DEVELOPMENT DIRECTORATE, WHITE SANDS MISSILE RANGE, NEW MEXICO. JANUARY 1965. STAR N65-33728.
NR-H6-FJ-996-00190	REVISED 90 DAY APOLLO 9 SCIENCE REPORT. THE UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 27, 1968.
NR-H6-00-000-00198	LABORATORY AND MODELING STUDIES OF MICROWAVE AND RADAR RESPONSES TO SIMULATED TERRAIN. QUARTERLY STATUS REPORT FOR PERIOD 1 OCT-31 DEC 1964. U.S. ARMY CORP OF ENGINEERS, WATERWAYS EXPERIMENT STATION, VICKSBURG, MISSISSIPPI. STAR X65-14000.
NR-H6-FJ-998-00205	MULT-IMAGE CORRELATION SYSTEMS STUDY FOR MGI. FINAL REPORT. GEORGE W. DALKE AND JOHN E. ESTES, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION LAWRENCE, KANSAS. DECEMBER 1968. CONTRACT NUMBERS DAAK-02-67-C-0435 AND DAAK-02-68-C-0089.
NR-H6-EJ-027-00207	PRELIMINARY POST-FLIGHT CALIBRATION REPORT ON APOLLO 9 MULTIBAND PHOTOGRAPHY EXPERIMENT SO65. P.B. KEENAN AND P.N. SLATER, OPTICAL SCIENCES CENTER, UNIVERSITY OF ARIZONA TUCSON, ARIZONA. SEPTEMBER 1969. CONTRACT NO. NAS 9-9333.
NR-H6-00-000-00208	THE BAYESIAN APPROACH TO IDENTIFICATION OF A REMOTELY SENSED ENVIRONMENT. SPECIAL INTERIM TECHNICAL REPORT CRES 133-9. ROBERT HARALICK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1969. CONTRACT NUMBER DAAK02-68-C-0089. X70-10765

DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00210	A TEST OF COURT-STEMOGRAPHIC TECHNIQUES FOR RECORDING GEOLOGIC DESCRIPTIONS. INTERAGENCY REPORT-ASTROLOGY 10. DAVID SCHLEICHER, U.S. GEOLOGICAL SURVEY, U.S. DEPT. OF INTERIOR, WASHINGTON, D.C. NOVEMBER 1968.
NR-H6-00-000-00211	PHYSICAL CONSIDERATIONS IN THE CHANNEL SELECTION AND DESIGN SPECIFICATION OF AN AIRBORNE MULTISPECTRAL SCANNER. C. LAURENCE KORB, NASA/MSC, EARTH RESOURCES DIVISION, HOUSTON, TEXAS. REPRINT, PURDUE CENTENNIAL SYMPOSIUM ON INFORMATION PROCESSING, APRIL 28, 1969.
NR-H6-00-000-00212	APPLICATION OF PERCEPTONS TO PHOTOINTERPRETATION. FINAL REPORT. REPORT NO. VE-1446-G-4. T.R. BABCOCK, ET. AL. CORNELL AERONAUTICAL LABORATORY, INC., BUFFALO, N.Y. JUNE-1963 TO JULY 1964. CONTRACT NUMBER NONR 3161(00).
NR-H6-00-000-00213	SOME DESIGN CONSIDERATIONS FOR SPACECRAFT MULTISPECTRAL CAMERAS. D.S. ROSS, PHILCO-FORD CORP., SPACE AND RE-ENTRY SYSTEMS DIVISION, PALO ALTO, CALIFORNIA. MAY 1967.
NR-H6-00-000-00219	GEOLOGIC SETTING OF THE LUNAR SAMPLES RETURNED WITH APOLLO XI. PRELIMINARY REPORT. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. SEPTEMBER 1969.
NR-H6-00-000-00223	STEREO RADAR TECHNIQUES STUDY. PHASE I, INTERIM TECHNICAL REPORT, VOL. 1, - ANALYSIS. REPORT NO. 157. GEORGE H. ROSENFELD, RATHCON CO., AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. JUNE 1966. CONTRACT NO. DA-44-009-AMC-1192(X). STAR X67-11418.
NR-H6-00-000-00226	PART I. PROJECT - COLD REGIONS RESEARCH. SENSING AND TERRAIN ANALYSIS. QUARTERLY PROGRESS REPORT, MARCH-MAY 1966. U.S. ARMY COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NEW HAMPSHIRE. STAR X66-22699.
NR-H6-FJ-998-00227	DATA PROCESSING PLAN FOR THE EARTH RESOURCES AIRCRAFT PROGRAM. INTERNAL NOTE MSC 00110. LOCKHEED ELECTRONICS CO., INSTRUMENTATION AND ELECTRONIC SYSTEMS DIV., HOUSTON, TEXAS. JULY 1969.
NR-H6-EJ-998-00229	INFRARED SPECTROMETRY STUDIES. FINAL REPORT PHASE I. JULY 1, 1967 TO MARCH 31, 1968. REPORT NO. RSL 69-5. R.J.P. LYON, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. SEPTEMBER 1969. CONTRACT NUMBERS NAS 9-7313, NGR-05-020-237 AND NAS 2-3402 (F).
NR-H6-00-000-00231	PHOTOGRAPHY - RAPID PHOTOGRAPHIC PROCESSING. VOL. II. REPORT BIBLIOGRAPHY. JAN. 1953-MARCH 1969. MICROFICHE COPY.
NR-H6-00-000-00235	LUNAR/EARTH DATA BANK STUDY. NASA MANNED SPACECRAFT STUDY, VOL. 3. LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF. JANUARY 1968. CONTRACT NO. NAS 95191. STAR N69-28022.
NR-H6-FJ-998-00237	PRELIMINARY EVALUATION OF AS-502 COLOR PHOTOGRAPHY OF EARTH RESOURCES - CASE 340. NASA CR-97033. B.E. SABLES, BELL-COMM, INC., WASHINGTON, D.C. JULY 1968. STAR X68-88765.
NR-H6-EJ-998-00238	APOLLO 502 COLOR PHOTOGRAPHY OF EARTH RESOURCES - CASE 710. NASA CR-95467. B.E. SABLES, BELL-COMM, INC., WASHINGTON, D.C. MAY 1968. STAR X68-86893.

DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-EJ-998-00239	EARTH RESOURCES AIRCRAFT PROGRAM TEST SITE COVERAGE BY EXPECTED AS-502 COLOR PHOTOGRAPHY - CASE 630. H.E. SAHLS, BELLCOMM, INC., WASHINGTON, D.C. FEBRUARY 1968. STAR X68-84027.
NR-H6-00-000-00242	GROUND-TRUTH RESEARCH FOR AN AIRBORNE MULTISENSOR SURVEY PROGRAM. FINAL REPORT, NOV. 1, 1966. TEXAS INSTRUMENTS, INC., DALLAS, TEXAS. CONTRACT NO. ONRN00014-66-C0049. MICROFICHE COPY. STAR N67-20728. AD-641 804
NR-H6-00-000-00245	REMOTE MEASUREMENT OF SURFACE TEMPERATURE AND ITS APPLICATION TO ENERGY BALANCE AND EVAPORATION STUDIES OF BARE SOIL SURFACES. INTERIM REPORT TR-ECOM 2-679-1. JACK CONAWAY ET AL., U.S. ARMY ELECTRONICS COMMAND, ATMOSPHERIC SCIENCES LAB., FORT HUACHUCA, ARIZONA. DEC. 1966. MICROFICHE COPY. STAR N67-29052.
NR-H6-00-000-00247	SENSING OF METEOROLOGICAL VARIABLES BY LASER PROBE TECHNIQUES. SEMIANNUAL REPORT COVERING PERIOD FEB. - JULY 1967. NASA CR-88872. GIORGIO FIOCCO, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, RESEARCH LAB. OF ELECTRONICS, CAMBRIDGE, MASS. AUGUST 1967. CONTRACT NO. NGR-22-009-131. STAR N67-38030.
NR-H6-GJ-998-00249	ANALYSIS OF MULTI-SENSOR DATA FROM NASA/USGS EARTH RESOURCES PROGRAM. REPORT NO. FR 3311. RICHARD E. PASCUCCI, GARY W. NORTH, ET AL., RAYTHEON CO., AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. MARCH 1969. CONTRACT NO. 14-08-0001-11505.
NR-H6-00-000-00250	EXPERIMENT SO46 VISIBLE RADIATION POLARIZATION MEASUREMENTS. PHASE C, FINAL REPORT. DR. R.T. FROST, GENERAL ELECTRIC CO. SPACE SCIENCES LAB., KING OF PRUSSIA, PA. JANUARY 1968. CONTRACT NO. NAS 9-7267.
NR-H6-00-000-00251	TARGET SIGNATURE ANALYSIS CENTER. DATA COMPILATION. FIFTH SUPPLEMENT. DIANNE EARING, UNIVERSITY OF MICHIGAN, WILLOW RUN LAB., ANN ARBOR, MICHIGAN. AUGUST 1968. CONTRACT NUMBER F33615-67-C-1293. STAR X69-10543. AD-840091 MICROFICHE AND HARD COPY. 194P.
NR-H6-00-000-00252	USE OF SO-121 FILM AS A DUPLICATION STOCK. FINAL REPORT ON TASK B-46. REPORT NO. DTR-69-9. DAVID J. KELCH, AND LESTER D. OLIN, DATA CORPORATION, DAYTON, OHIO. 1969. CONTRACT NUMBER NAS 9-7003.
NR-H6-EJ-998-00253	INFRARED SPECTROMETRY STUDIES. FINAL REPORT--PHASE II, FOR PERIOD - APRIL 1968 TO MARCH 1969. RSL REPORT NO. 69-6. R.J.P. LYON AND ATTILA KILINC, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. OCTOBER 1969. CONTRACT NUMBER NAS9-7313.
NR-H6-00-000-00254	ELECTROMAGNETIC SENSOR CORRELATION STUDY. FINAL REPORT. RYAN ELECTRONIC AND SPACE SYSTEMS, SAN DIEGO, CALIFORNIA.
NR-H6-EJ-998-00255	ULTRAVIOLET ABSORPTION AND LUMINESCENCE INVESTIGATIONS OF NATURAL MATERIALS. STATUS REPORT MARCH 1966 - JUNE 1966. WILLIAM R. HEMPHILL, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. CONTRACT NO. R-146/09-020-006. STAR X66-19712.
NR-H6-00-000-00258	STUDY OF THE EFFECTS OF ATMOSPHERIC PARAMETERS ON INFRARED TRANSMISSION MEASUREMENTS AND THE EFFECTS ON NON-THERMAL OR COHERENT SOURCES. OCT. 1964 - DEC. 1967. DUDLEY WILLIAMS, DEPARTMENT OF PHYSICS, KANSAS STATE UNIVERSITY, MANHATTAN, KANSAS. FINAL REPORT. CONTRACT NO. AF19(628)-4315.
NR-H6-00-000-00260	CYCLOPS-3 SYSTEM RESEARCH. FINAL REPORT FEB. 1966-JAN. 1969 REPORT NO. AFRL-69-0323. THOMAS MARILL, ET AL., COMPUTER CORP., OF AMERICA, CAMBRIDGE, MASS. MARCH 1969. CONTRACT NO. AF19(628)-5914. MICROFICHE COPY.



DIVISION BIBLIOGRAPHY - MULTISUBJECT

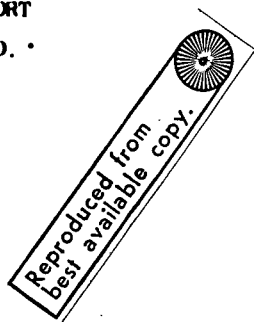
ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00261	CALIBRATION OF AN AIRBORNE MULTISPECTRAL OPTICAL SENSOR. P.G. HASELL AND L.M. LARSEN, UNIVERSITY OF MICHIGAN, WILLOW RUN LAB., ANN ARBOR, MICHIGAN. SEPTEMBER 1968. CONTRACT NUMBER DA-28-043-AMC-00013(E). MICROFICHE COPY. STAR X69-11458.
NR-H6-00-000-00262	ANALYTICAL STUDY OF CONTAMINANT AND ATMOSPHERIC SENSOR. PHASE I, FINAL REPORT. THE PERKIN-ELMER CORP., AEROSPACE SYSTEMS, POMONA, CALIFORNIA. NOVEMBER 1968. CONTRACT NUMBER NAS 1-7260.
NR-H6-00-000-00266	IMAGE MODIFICATION STUDY. FINAL REPORT. JOHN E. POLGER, PERKIN-ELMER CORP., ELECTRO-OPTICAL DIV., NORWALK, CONN. CONTRACT NUMBER AF30(602)4007. AUG. 1966. MICROFICHE AND HARD COPY.
NR-H6-00-000-00269	APOLLO 11 PRELIMINARY SCIENCE REPORT. NASA SP-214. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1969. STAR N70-10030.
NR-H6-EJ-998-00271	APOLLO 9 MULTISPECTRAL PHOTOGRAPHIC INFORMATION. REPORT NO. MSC S-226. ROBERT N. COLWELL, UNIVERSITY OF CALIFORNIA, PAUL D. LOWMAN, GODDARD SPACE FLIGHT CENTER, EDWARD YOST AND SONDR A WENDEROTH, LONG ISLAND UNIVERSITY. NASA/MANNED SPACECRAFT CENTER, EARTH RESOURCES DIVISION, HOUSTON, TEXAS. NOVEMBER 1969. CONTRACT NUMBER 160-75-02-03-72.
NR-H6-00-000-00272	COLOR TONE REPRODUCTION. PART I. THEORY MANUAL. FINAL REPORT, MARCH 1966-JUNE 1967. JERRY HUGHES, ET AL., ITEX CORP., LEXINGTON, MASS. MARCH 1968. CONTRACT NUMBER AF33(615)-3584. MICROFICHE AND HARD COPY. STAR X68-16790.
NR-H6-00-000-00273	COLOR TONE REPRODUCTION. PART II. PRACTICE MANUAL. FINAL TECHNICAL REPORT. JERRY HUGHES, ITEX CORP., LEXINGTON, MASS. JAN. 1969. CONTRACT NUMBER AF33(615)-3584. MICROFICHE AND HARD COPY. STAR X69-14325.
NR-H6-00-000-00280	BELLCOMM QUARTERLY PROGRESS REPORT, OCTOBER, NOVEMBER, DECEMBER. REPORT NO. 70-101-1. BELLCOMM, WASHINGTON, D.C. FEB. 1970. CONTRACT NO. NASW-417.
NR-H6-00-000-00286	RADAR SCATTEROMETER DATA VALIDATION - PHASE ONE. REPORT NO. MSC-CA-R-67-3. KENNETH B. CRAIB, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. NOVEMBER 1967.
NR-H6-00-000-00313	BRIEF DESCRIPTION OF POTENTIAL PHOTOGRAPHIC TARGETS FOR APOLLO 14 (FRA MAURO) IN TERMS OF EARTH-BASED INFRARED OBSERVATIONS. TECHNICAL NOTE 033, (WORKING PAPER) R.W. SHORTHILL. JUNE 1970.
NR-H6-00-000-00321	THE EROS PROGRAM OF THE DEPARTMENT OF THE INTERIOR. WILLIAM A. FISCHER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE SOCIETY OF PETROLEUM ENGINEERS OF AIME, ANNUAL FALL MEETING, 44TH, DENVER, COLO., SEPT. 28-OCT. 1, 1969, PAPER SPE 2703. A70-17165.
NR-H6-00-000-00338	PREDESIGN DATA FOR THE RADAR STEREO EQUIPMENT PROGRAM. INTERIM REPORT NO. 1. REPORT NO. GERA-1500. F.F. MIRANDA, GOODYEAR AEROSPACE CORP., LITCHFIELD PARK, ARIZONA. AUG. 1969. CONTRACT NO. DAAK02-69-C-0265. AD-701 169.
NR-H6-00-000-00339	PROJECT THEMIS. A CENTER FOR REMOTE SENSING. SECOND SEMI-ANNUAL TECHNICAL PROGRESS REPORT, APRIL-OCT. 1968. R.D. ELLERMEIR, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. OCT. 1968. CONTRACT NUMBER DAAK 02-68-C-0089. AD-683-584. MICROFICHE AND HARD COPY.

DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00343	DETERMINATION OF THE SPECTRAL COEFFICIENTS OF REFLECTION FOR FRIABLE MATERIALS IN THE 0.7-15 MK WAVELENGTH RANGE. M.A. KROPOTKIN AND B.P. KOZYREV, USSR. TRANSLATED FROM IZVESTIA VYSSHIKH UCHEBNYKH ZAVEDENII, FIZIKA, 1965. STAR X68-19247. AD-835 299.
NR-H6-00-000-00362	APOLLO PHOTOGRAPHIC EVALUATION PROGRAM. REPORT NOS. TRW-11176-H5L3-R0-00, NASA-CR-108321, AND TRW-70-FMT-816. H.H. CUNNINGHAM, AND R.C. THOMAS, TRW SYSTEMS GROUP, HOUSTON, TEXAS. MARCH 1970. CONTRACT NO. NAS9-8166 - PROJECT APOLLO. X70-14003.
NR-H6-00-000-00369	BLACK-AND-WHITE FILM FOR COLOR PHOTOGRAPHY. FINAL REPORT, OCT. 68-NOV. 69. REPORT NO. AFAL-TR-69-335. GERSHON GOLDBERG, TECHNICAL OPERATIONS, INC., BURLINGTON, MASS. NOV. 1969. CONTRACT NO. F33615-69-C-1084. MICROFICHE COPY. AD-864 913 X70-14076.
NR-H6-00-000-00370	TEST AND EVALUATION OF THE PAVELLE MODEL 401 COLOR HEAD AS USED ON THE DURST L-1000 ENLARGER. FINAL TECHNICAL REPORT. REPORT NO. NAVPHOTOCEN-R/D-69-32. JOHN P. CUNNINGHAM, U.S. NAVAL PHOTOGRAPHIC CENTER, WASHINGTON, D.C. FEB. 1970. MICROFICHE COPY. AD-865 351L X70-14162.
NR-H6-00-000-00371	AIRBORNE GRAVIMETRY PROGRAM. FINAL REPORT, AUG. 65-OCT. 68. REPORT NO. AFRL-69-0316-VOL. 1. ELMER J. FREY AND RAYMOND B. HARLAN, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. MARCH 1969. CONTRACT NO. AF 19(628)-5546. MICROFICHE COPY. AD-861 793 X70-14362.
NR-H6-00-000-00373	PROJECT THEMIS - A CENTER FOR REMOTE SENSING. SEMIANNUAL TECHNICAL REPORT, 4TH, APRIL-SEPT. 1969. REPORT NUMBER CRES-TR-133-10. F.T. ULAHY, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. SEPT. 1969. MICROFICHE COPY. CONTRACT NUMBER DAAK02-68-C-0089. AD-864 859 X70-14037.
NR-H6-00-000-00374	THE 3.5 INCH F/5.6 120 DEGREE FIELD MAPPING LENS. FINAL TECHNICAL REPORT, DEC. 67-AUG. 69. REPORT NO. AFAL-TR-69-366. BARRY ROBINSON, PERKIN-ELMER CORP, WRIGHT-PATTERSON AFB, OHIO, AFAL. FEB. 1970. CONTRACT NUMBER F33615-68-C-1132. MICROFICHE COPY. AD-865 447 X70-14240.
NR-H6-00-000-00375	ESSAY ON PEACEFUL USES OF A SURVEY SATELLITE. CALLIE C. LUKERMANN, ITX CORP., PALO ALTO, CALIF. 1961. MICROFICHE COPY. X66-24171.
NR-H6-00-000-00419	ATS-E MAGNETIC FIELD MONITOR INSTRUMENTATION. PREPRINT. REPORT NOS. NASA TM-X-63825 AND X-645-70-54. T.L. SKILLMAN, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JAN. 1970. N70-22958
NR-H6-00-000-00420	IDECs STRATEGY REPORT. REPORT NO. CRES TM 133-11. P. ANDERSON, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MARCH 1970. CONTRACT NO. DAAK02-68-C-0089
NR-H6-00-000-00438	FOURIER TRANSFORM REPRESENTATION OF AN IDEAL LENS IN COHERENT OPTICAL SYSTEMS. REPORT NOS. X-521-68-292 PREPRINT AND NASA-TM-X-63347. GERALD J. GREBOWSKY, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. AUG. 1968, 74P. N68-35749
NR-H6-00-000-00439	ELIMINATION OF COHERENT NOISE IN A COHERENT LIGHT IMAGING SYSTEM. REPORT NO. X-521-70-76 PREPRINT. GERALD J. GREBOWSKY, ROBERT L. HERMANN, HUGH B. PAULL, AND ARNOLD R. SHULMAN, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MARCH 1970, 18P.

DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00456	THE APPARENT TEMPERATURE AND EMISSIVITY OF NATURAL SURFACES AT MICROWAVE FREQUENCIES. REPORT NO. CRES TR 133-12. FAWWAZ T. ULABY, ADRIAN K. FUNG, AND SHIH-TSENG WU, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS, MARCH 1970, 32P. CONTRACT NO. THEMIS CONTRACT DAAK02-68-C-0089. AD-872 878 MICROFICHE AND HARD COPY.
NR-H6-00-000-00457	A NOTE ON THE ANTENNA BEAMWIDTH TERM USED IN THE SCATTEROMETER DATA REDUCTION PROGRAM. REPORT NO. CRES-TM-177-13. J.D. YOUNG, AND G.A. BRADLEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, REMOTE SENSING LABORATORY, LAWRENCE, KANSAS, OCT. 1970, 10P.
NR-H6-00-000-00478	AIRBORNE PHOTOGRAPHIC EQUIPMENT. VOLUME 1 - CAMERAS, MAGAZINES AND MOUNTS. 2ND EDITION. REPORT NO. RC-013200/1/. DATA CORPORATION, DAYTON, OHIO. 1965, 470P. CONTRACT NO. AF33(657)-14443. MICROFICHE COPY. AD-475082 X66-81807
NR-H6-00-000-00479	AIRBORNE PHOTOGRAPHIC EQUIPMENT. VOLUME 3 - GROUND SUPPORT TEST EQUIPMENT. 2ND EDITION. REPORT NO. RC-013200/3/. DATA CORPORATION, DAYTON, OHIO. 1965, 438P. CONTRACT NO. AF33(657)-14443. MICROFICHE COPY. AD-475084 X66-81761
NR-H6-00-000-00480	AIRBORNE PHOTOGRAPHIC EQUIPMENT. VOLUME 2 - CONTROLS, ACCESSORIES, AND MISCELLANEOUS. 2ND EDITION. DATA CORPORATION, DAYTON, OHIO. 1965, 453P. CONTRACT NO. AF33(657)-14443. MICROFICHE COPY. AD-475083 X66-81576
NR-H6-00-000-00487	E. I. DUPONT DENEMOURS AND COMPANY, INC., PLAINTIFF-APPELLEE, V. ROLFE CHRISTOPHER ET AL., DEFENDANTS-APPELLANTS. NO. 28254 UNITED STATES COURT OF APPEALS, FIFTH CIRCUIT, JULY 20, 1970. IN FEDERAL REPORTER, 2ND SERIES, 431, 1970. PP.1012-1015.
NR-H6-00-000-00530	AIRBORNE REMOTE-SENSING TECHNIQUES FOR SITE SELECTION. REPORT NO. AFWL-TR-68-115. F.J. BUCKMEIER, A.E. PRESSMAN, S.A. TERRY, ET AL., TEXAS INSTRUMENTS, INC., DALLAS, TEXAS. DEC. 1968, 94P. CONTRACT NO. F29601-68-C-0076. MICROFICHE COPY. AD-845756
NR-H6-00-000-00553	INFRARED PHOTOGRAPHY, VOLUME 2 OF 2. REPORT BIBLIOGRAPHY DEC. 1949-MAY 1970. REPORT NO. DDC-TAS-70-75-11. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. SEPT. 1970, 229P. MICROFICHE COPY. AD-875400
NR-H6-00-000-00561	COLOR FILMS. REPORT BIBLIOGRAPHY, JAN. 60-JAN. 70. REPORT NO. DDC-TAS-70-48. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. MAY 1970, 104P. MICROFICHE COPY. AD-868825
NR-H6-00-000-00562	TEXTURAL SIGNATURE STUDY. QUARTERLY PROGRESS REPORT NO. 1, JULY-NOV. 69. REPORT NOS. OR-10278, AND TR-EXOM-0435-1. L. DAVID NAMAN, ALVIN J. LEVY, MARTIN MARIETTA CORP., ORLANDO DIV., ORLANDO, FLA., NOV. 1969, 31P. CONTRACT NO. DAAB07-69-C-0435. MICROFICHE COPY. AD-862072
NR-H6-00-000-00563	TEXTURAL SIGNATURE STUDY. QUARTERLY PROGRESS REPORT, NO. 2, OCT.-DEC. 69. REPORT NOS. OR-10611, AND TR-EXOM-0435-2. ALVIN J. LEVY, CHARLES P. MCCANLESS, CHARLES W. STEPHENS, MARTIN MARIETTA CORP., ORLANDO DIV., ORLANDO, FLORIDA. FEB. 1970, 24P. CONTRACT NO. DAAB07-69-C-0435. MICROFICHE COPY. AD-866183



DIVISION BIBLIOGRAPHY - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H6-00-000-00564	TEXTURAL SIGNATURE STUDY. QUARTERLY PROGRESS REPORT NO. 3, JAN.-MAR. 70. REPORT NOS. OR-10653, AND TR-ECOM-0435-3. ALVIN J. LEVY, MARTIN MARIETTA CORP., ORLANDO DIV., ORLANDO, FLORIDA. JUNE 1970, 156P. CONTRACT NO. DAAB07-69-C-0435. MICROFICHE COPY. AD-872026.
NR-H6-00-000-00565	TEXTURAL SIGNATURE STUDY. FINAL REPORT, JULY 69-JUNE 70. REPORT NOS. OR-10791, AND TR-ECOM-0435-F. ALVIN J. LEVY, JAMES M. MARTIN, MARTIN MARIETTA CORP., ORLANDO DIV., ORLANDO, FLA. AUG. 1970, 64P. CONTRACT NO. DAAB07-69-C-0435. MICROFICHE COPY. AD-874340
NR-H6-00-000-00591	CALCULATIONS OF ATMOSPHERIC ATTENUATION PARAMETERS AND ANGULAR SCATTERING DATA FOR LIGHT SCATTERING IN MODEL ATMOSPHERES. REPORT NO. RRA-T702 W.G. BLATTNER, RRA RADIATION RESEARCH ASSOC., FORT WORTH, TEXAS. MARCH 1970, 124P. CONTRACT NO. N00140-70-C-0233 MICROFICHE COPY AD-868745, X71-15972

## SECTION H7 - SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-H7-00-000-00001	PEACEFUL USES OF EARTH-OBSERVATION SPACECRAFT. VOLUME I, INTRODUCTION AND SUMMARY, NASA CR-586, CONTRACT NO. NASW-1084, BY UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN STAR N66-37028.
NR-H7-00-000-00002	PEACEFUL USES OF EARTH-OBSERVATION SPACECRAFT. VOLUME II, SURVEY OF APPLICATIONS AND BENEFITS, NASA CR-587, CONTRACT NO. NASW-1084, BY UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. STAR N66-37029.
NR-H7-00-000-00003	PEACEFUL USES OF EARTH-OBSERVATION SPACECRAFT. VOLUME III, SENSOR REQUIREMENTS AND EXPERIMENTS, NASA CR-588, CONTRACT NO. NASW-1084, BY THE UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. STAR N66-37030.
NR-H7-00-000-00005	A SURVEY OF SPACE APPLICATIONS. NASA SP-142. OFFICE OF TECHNOLOGY UTILIZATION SCIENTIFIC INFORMATION DIVISION, WASHINGTON, D.C. APRIL 1967. STAR N67-23338
NR-H7-00-000-00007	EARTH RESOURCE SURVEYS FROM SPACECRAFT. SAMPLE ANALYSES AND INTERPRETATIONS RELATING TO AGRICULTURE, CARTOGRAPHY, FORESTRY, GEOGRAPHY, GEOLOGY, HYDROLOGY, AND OCEANOGRAPHY. ROGER A. LEESTMA AND RICHARD A. WHITE. PREPARED BY THE U.S. ARMY CORPS OF ENGINEERS FOR THE EARTH RESOURCES SURVEY PROGRAM, SPACE APPLICATIONS PROGRAMS OFFICE, NATIONAL AERONAUTICS AND SPACE ADMINISTRATIONS, WASHINGTON, D.C. ISSUED 1967. INTERAGENCY PURCHASE REQUEST R-47-009-001. 2 V. LIBRARY CALL NUMBER QE 501 U4.
NR-H7-00-000-00008	BIBLIOGRAPHY OF REMOTE SENSING OF RESOURCES. PREPARED FOR THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, SPACE APPLICATIONS PROGRAM, EARTH RESOURCES SURVEY PROGRAM, BY MRS. NATALIE E. JONES AND DR. ROGER A. LEESTMA. U.S. ARMY CORPS OF ENGINEERS, FORT BELVOIR, VIRGINIA. SEPTEMBER 1966. DEFENSE PURCHASE REQUEST R-47-009-006. STAR N68-19870.

SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H7-00-000-00009	RADAR BIBLIOGRAPHY FOR GEOSCIENTISTS. CRES REPORT 61-30. ROBERT L. WALTERS, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MARCH 1968. CONTRACT NUMBERS NSR-17-004-003, NSG-298, USGS 14-08-0001-10848, AND NAS 9-7175. STAR N69-30303.
NR-H7-00-000-00010	PROCEEDINGS OF GROUND TRUTH SESSION, NOVEMBER 1967. PREPARED BY TEST AND OPERATIONS OFFICE, SCIENCE AND APPLICATIONS DIRECTORATE, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, EARTH RESOURCES PROGRAM, MANNED SPACECRAFT CENTER, HOUSTON. STAR N69-30352
NR-H7-00-000-00012	PROCEEDINGS OF THE WINTER STUDY ON USES OF MANNED SPACE FLIGHT, 1975-1985. NASA SCIENCE AND TECHNOLOGY ADVISORY COMMITTEE FOR MANNED SPACE FLIGHT. A CONFERENCE HELD AT LA JOLLA, CALIFORNIA, DEC. 6-9, 1968. VOL. I, PROCEEDINGS, VOL. II, APPENDICES. NASA SP-196. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. (VOL. II) STAR N70-17026.
NR-H7-00-000-00015	PROCEEDINGS OF THE FOURTH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, APRIL 12-14, 1966; INFRARED PHYSICS LABORATORY, WILLOW RUN LABORATORIES, INSTITUTE OF SCIENCE AND TECHNOLOGY UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. STAR N67-13461.
NR-H7-00-000-00016	MARSHALL SPACE FLIGHT CENTER REMOTE SENSING SYMPOSIUM, NOVEMBER 9, 1965. NASA TECHNICAL MEMORANDUM NASA TM-X-53514. GEORGE C. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. SEPTEMBER 8, 1966. CONTRACT NO. NASA TM-X-53514. STAR X68-86970.
NR-H7-00-000-00017	SPACE APPLICATIONS SUMMER STUDY 1967, INTERIM REPORT V.1, CENTRAL REVIEW COMMITTEE CONCLUSIONS AND RECOMMENDATIONS, SUMMARIES OF PANEL REPORTS. NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. JANUARY 1968. TASK ORDER NSR 09-012-909. STAR N68-18135.
NR-H7-00-000-00018	PROCEEDINGS OF THE FIRST SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, FEBRUARY 13-15, 1962. UNIVERSITY OF MICHIGAN, INFRARED LABORATORY, INSTITUTE OF SCIENCE AND TECHNOLOGY, ANN ARBOR, MICHIGAN. SECOND REVISED PRINTING, APRIL 1964. CONTRACT NUMBER NONR 1224(44).
NR-H7-00-000-00019	PROCEEDINGS OF THE SECOND SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, OCTOBER 15-17, 1962. UNIVERSITY OF MICHIGAN, INFRARED LABORATORY, INSTITUTE OF SCIENCE AND TECHNOLOGY, ANN ARBOR, MICHIGAN. FEBRUARY 1963. CONTRACT NUMBER NONR 1224(44). STAR N66-81277.
NR-H7-00-000-00020	SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT. SPACE PROGRAMS SUMMARY 37-55, VOL. 3. JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. FEBRUARY 28, 1969. CONTRACT NUMBER NAS 7-100.
NR-H7-00-000-00021	THE UNIVERSITY OF MICHIGAN NOTES FOR A PROGRAM OF STUDY IN REMOTE SENSING OF EARTH RESOURCES. CONDUCTED AT NASA, MSC, HOUSTON, TEXAS, 14 FEBRUARY 1968 - 3 MAY 1968. UNIVERSITY OF MICHIGAN, WILLOW RUN LABORATORIES, ANN ARBOR, MICHIGAN. NOVEMBER 1968. CONTRACT NUMBER NAS 9-7676.
NR-H7-PH-998-00022	GEMINI SUMMARY CONFERENCE. FEBRUARY 1-2, 1967, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C. NASA SP-138. STAR N68-14941.

SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H7-EJ-998-00023	EARTH PHOTOGRAPHS FROM GEMINI III, IV, AND V. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1967 NASA SP-129. STAR N67-26641.
NR-H7-GH-998-00024	EARTH PHOTOGRAPHS FROM GEMINI VI THROUGH XII. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1968 NASA SP-171. STAR N69-28909.
NR-H7-GH-998-00025	SUMMARY OF THE GEMINI PROGRAM AND ITS EFFECT ON MANNED SPACE SCIENCE. PRESENTED AT THE PROCEEDINGS OF THE SEVENTH INTERNATIONAL SYMPOSIUM ON SPACE TECHNOLOGY AND SCIENCE. TOKYO, 1967. ROBERT O. PILAND AND PAUL R. PENROD, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS.
NR-H7-00-000-00026	ECOLOGICAL SURVEYS FROM SPACE. NASA, WASHINGTON, D.C. 1970. REPORT NO. NASA SP-230. STAR N70-26981. W70-08465
NR-H7-00-000-00027	BIBLIOGRAPHY ON OPTICAL INFORMATION AND DATA PROCESSING. ENL RESEARCH REPORT NO. 3. J.P. MOFFATT, A.T. SHANKLE, AND F.J. TISCHER, NORTH CAROLINA STATE UNIVERSITY, RALEIGH, NORTH CAROLINA. NOVEMBER 1966. CONTRACT NO. NGR-34-002-038. STAR N67-17966.
NR-H7-00-000-00028	PHOTOGRAPHY OF THE EARTH FROM SOUNDING ROCKETS AND SATELLITES. A REVIEW. PAUL D. LOWMAN, JR., GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. 1964
NR-H7-00-000-00029	EARTH-RESOURCE SURVEY FROM SPACE. PAUL G. THOMAS, ASSOCIATE EDITOR, SPACE/AERONAUTICS. PUBLISHED IN VOL. 50, JULY 1968, P.46-54.
NR-H7-00-000-00030	USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. REPORT OF THE CENTRAL REVIEW COMMITTEE. SUMMER STUDY ON SPACE APPLICATIONS. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. 1969. CONTRACT NUMBER NSR 09-012-909. STAR N69-27755.
NR-H7-00-000-00031	USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. SUMMARIES OF PANEL REPORTS. SUMMER STUDY ON SPACE APPLICATIONS. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. 1969. CONTRACT NUMBER NSR 09-012-909. STAR N69-28240.
NR-H7-00-000-00037	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. SENSORS AND DATA SYSTEMS-NO. 6. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR-09-012-909. STAR N69-27754.
NR-H7-00-000-00038	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. POINTS-TO-POINT COMMUNICATION NO. 7. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N69-27876.
NR-H7-00-000-00039	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. SYSTEMS FOR REMOTE-SENSING INFORMATION AND DISTRIBUTION-NO. 8. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N70-23540.
NR-H7-00-000-00040	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. POINT-TO-POINT COMMUNICATIONS NO. 9. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909.

SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H7-00-000-00041	SPACE APPLICATIONS SUMMER STUDY 1969. USEFUL APPLICATIONS OF EARTH-ORIENTED SATELLITES. BROADCASTING-NO. 10. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. CONTRACT NUMBER NSR 09-012-909. STAR N69-28938.
NR-H7-00-000-00044	SUMMARY OF TANGIBLE RESULTS ACHIEVED BY EARTH OBSERVATION SATELLITES TO DATE. ERIC S. BURNETT, TRW SYSTEMS, REDONDO BEACH, CALIFORNIA. JULY 1969. A70-24637. PUBLISHED IN BRITISH INTERPLANETARY SOCIETY JOURNAL, VOL. 23 APRIL 1970, PP.275-283. PRESENTED AT THE INTERNATIONAL NATO SUMMER SCHOOL ON EARTH OBSERVATIONS SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969.
NR-H7-00-000-00048	THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. SEMI-ANNUAL MEETING SEPTEMBER 29, OCTOBER 3, 1968. SAN ANTONIO, TEXAS.
NR-H7-00-000-00054	REMOTE SENSING RESEARCH IN THE UNITED STATES. A SUMMARY. WILLIAM A. FISCHER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE INTERNATIONAL CONGRESS FOR PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND, JULY 1968. STAR N69-40907.
NR-H7-EJ-998-00057	SUMMARY REPORT ON PHOTOGRAPHY OBTAINED WITH ALOTS (AUTOMATIC LIGHTWEIGHT OPTICAL TRACKING SYSTEM) IN SUPPORT OF THE EARTH RESOURCES AIRCRAFT PROGRAM. P.N. SLATER, R.H. NOBLE AND B.J. SAVIDGE, UNIVERSITY OF ARIZONA, OPTICAL SCIENCES LAB., TUCSON, ARIZONA. MARCH 1967. CONTRACT NO. NSR-03-002-066.
NR-H7-LL-166-00058	REPORT OF NRL PROGRESS. NAVAL RESEARCH LAB., WASHINGTON, D.C. MAY 1969. STAR N70-10264. PB-184 248. MICROFICHE COPY
NR-H7-EJ-998-00060	UTILIZATION OF ORBITAL DATA THROUGH INTERNATIONAL AND NATIONAL ORGANIZATIONS. DR. ARCH G. GERLACH, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE ASSOCIATION OF AMERICAN GEOGRAPHERS, ANNUAL MEETING, ST. LOUIS, MISSOURI, FEB. 1967.
NR-H7-00-000-00062	USE OF SPACE PHOTOGRAPHS AND IMAGERY IN GEOGRAPHIC EDUCATION. DR. ARCH C. GERLACH, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE NATIONAL COUNCIL FOR GEOGRAPHIC EDUCATION, ANNUAL MEETING 54TH, KANSAS CITY, MISSOURI, NOV. 1968.
NR-H7-EJ-998-00064	RESULTS OF EARTH RESOURCES SURVEYS OF THE EARTH AND PLANS FOR FUTURE SATELLITES. WILLIAM A. FISCHER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE AMERICAN ASTRONAUTICAL SOCIETY AND OPERATIONS RESEARCH SOCIETY OF AMERICA, JUNE 1969, AAS PAPER 69-058. A69-42824.
NR-H7-00-000-00065	SURVEYING EARTH RESOURCES WITH REMOTE SENSORS. JOHN D. KOUTSANDREAS, NASA, WASHINGTON, D.C. PUBLISHED IN NATIONAL TELEMETERING CONFERENCE RECORD. PP.132-144. PRESENTED AT THE NATIONAL TELEMETERING CONFERENCE, WASHINGTON, D.C., APRIL 1969. A69-36259.
NR-H7-00-000-00074	THE EARTH RESOURCES OBSERVATION SATELLITE PROGRAM. E.S. BURNETT, TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. PRESENTED AT THE BRITISH INTERPLANETARY SOCIETY AND NATO, INTERNATIONAL SUMMER SCHOOL ON EARTH RESOURCES SURVEY SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969. PUBLISHED IN BRITISH INTERPLANETARY SOCIETY JOURNAL, VOL. 23, APRIL 1970, PP.251-256. CONTRACT NO. ONR N00014-67-A-0226-0004. A70-24626..
NR-H7-00-000-00075	ASTRONAUTICS AND AERONAUTICS, 1968 - CHRONOLOGY ON SCIENCE, TECHNOLOGY AND POLICY. NASA SP-4010. NASA/WASHINGTON, D.C. STAR N70-27240.

SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H7-EJ-998-00076	PRINCETON UNIVERSITY CONFERENCE, 97TH, ON AEROSPACE METHODS FOR REVEALING AND EVALUATING EARTH'S RESOURCES, PRINCETON, N.J., SEPT. 1969. PROCEEDINGS. (PRINCETON UNIVERSITY CONFERENCE, 1970. J. PRESTON LAYTON, EDITOR, DEPT. OF AEROSPACE AND MECHANICAL SCIENCE, PRINCETON UNIVERSITY, PRINCETON, N.J. JUNE 1970. A70-39051
NR-H7-GH-998-00077	INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICHIGAN, OCTOBER 1969. PROCEEDINGS VOL. I. UNIVERSITY OF MICHIGAN, CENTER FOR REMOTE SENSING INFORMATION AND ANALYSIS, ANN ARBOR MICHIGAN, 1969. A70-26929.
NR-H7-GH-998-00078	INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICH., OCT. 1969, PROCEEDINGS VOL. II. UNIVERSITY OF MICHIGAN, CENTER FOR REMOTE SENSING INFORMATION AND ANALYSIS, ANN ARBOR, MICH., 1969. A70-26901.
NR-H7-00-000-00079	A REVIEW OF REMOTE EARTH OBSERVATION TECHNOLOGY. R.W. LAING AND G.K.C. PARDOE, HAWKER SIDDELEY DYNAMICS LTD., HATFIELD, HERTS, ENGLAND. AT NATO, BRITISH INTERPLANETARY SOCIETY, INTERNATIONAL SUMMER SCHOOL ON EARTH RESOURCES SURVEY SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969. MICROFICHE COPY. A69-38624 N70-11275.
NR-H7-00-000-00084	PURDUE UNIVERSITY, SCHOOL OF ELECTRICAL ENGINEERING. SEMI-ANNUAL RESEARCH SUMMARY, 11TH, JULY THROUGH NOVEMBER 1969. SCHOOL OF ELECTRICAL ENGINEERING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. DEC. 1969, 137P. CONTRACT NO. ONR N00014-67-A-0226-0004.
NR-H7-00-000-00085	PURDUE UNIVERSITY, SCHOOL OF ELECTRICAL ENGINEERING. SEMI-ANNUAL RESEARCH SUMMARY, 12TH, DEC. 1969 THROUGH MAY 1970. SCHOOL OF ELECTRICAL ENGINEERING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. 1970, 157P. CONTRACT NO. ONR N00014-67-A-0226-0004.
NR-H7-DJ-998-00086	ENGINEERING RESEARCH - A REVIEW OF THE PAST ACADEMIC YEAR AT CRES. VOLUME 3 (1967-1968). E. DEAN BEVAN, EDITOR, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, 1968, 75P.
NR-H7-EJ-998-00089	MICROWAVE EMISSION CHARACTERISTICS OF NATURAL MATERIALS AND THE ENVIRONMENT. A SUMMARY OF SIX YEARS RESEARCH, JAN. 65-FEB. 71. REPORT NO. 9016R-8. A.T. EDGERTON, F. RUSKEY, D. WILLIAMS, A. STOCRYN, G. POE, D. MEEKS, AND O. RUSSELL, AEROJET-GENERAL CORP., MICROWAVE DIVISION, EL MONTE, CALIF. FEB. 1971, 302P. CONTRACT NO. N00014-70-C-0351.
NR-H7-DJ-998-00090	REMOTE SENSING, 1969 - INTERNATIONAL REMOTE SENSING INSTITUTE, ANNUAL SYMPOSIUM, 1ST, SACRAMENTO, CALIFORNIA, 1969, PROCEEDINGS, VOLUME 1. INTERNATIONAL REMOTE SENSING INSTITUTE, SACRAMENTO, CALIF. 1970, 457P. \$25.00 FOR 2 VOL. SET.
NR-H7-DJ-998-00091	REMOTE SENSING, 1969 - INTERNATIONAL REMOTE SENSING INSTITUTE, ANNUAL SYMPOSIUM, 1ST., SACRAMENTO, CALIFORNIA, 1969, PROCEEDINGS, VOLUME 2. INTERNATIONAL REMOTE SENSING INSTITUTE, SACRAMENTO, CALIF. 1970, 198P. \$25.00 FOR 2 VOL. SET.
NR-H7-EJ-998-00093	REMOTES SENSING OF ENVIRONMENT - INTERNATIONAL SYMPOSIUM, 7TH, ANN ARBOR, MICHIGAN, MAY 1971, SUMMARIES. CENTER FOR REMOTE SENSING INFORMATION AND ANALYSIS, WILLOW RUN LABS., UNIVERSITY OF MICHIGAN, ANN ARBOR. MAY 1971, 230P.



SUMMARY REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H7-00-000-00095	SPACE EXPLORATION AND APPLICATIONS. PAPERS PRESENTED AT THE UNITED NATIONS CONFERENCE ON THE EXPLORATION AND PEACEFUL USES OF OUTER SPACE, VIENNA, AUG. 1968. IN 2 VOLUMES. UNITED NATIONS, NEW YORK. 1969, 2 VOLS. 1333P., \$20.00. IN ENGLISH, FRENCH, RUSSIAN OR SPANISH, WITH SUMMARIES IN OTHER LANGUAGES.
NR-H7-GJ-998-00098	REMOTE SENSING OF ENVIRONMENT, SYMPOSIUM, ANN ARBOR, MICHIGAN, OCT. 1964, PROCEEDINGS. 2ND EDITION. UNIVERSITY OF MICHIGAN, WILLOW RUN LABORATORIES, ANN ARBOR, MICH. NOV. 1965, 844P. \$10.00.
NR-H7-EJ-998-00098	EARTH RESOURCES SURVEY SYSTEMS, INTERNATIONAL WORKSHOP, MAY 1971, PROCEEDINGS, VOL. 2. NASA, OFFICE OF SPACE SCIENCE AND APPLICATIONS, WASHINGTON, D.C. MAY 1971, 611P. AVAILABLE U.S. GOVT. PRINTING OFFICE, \$5.25.
NR-H7-GH-998-00101	REMOTE SENSING OF ENVIRONMENT, SYMPOSIUM, ANN ARBOR, MICH., APRIL 1968, REPORT NO. 4864-18-X UNIV. OF MICH., WILLOW RUN LAB., ANN ARBOR, MICH. SEPT. 1968, 996P. \$10.
NR-H7-GJ-998-00103	SPACE SCIENCES - FUTURE APPLICATIONS FOR MANKIND - VANDENBERG SCIENTIFIC AND TECHNICAL SOCIETIES COUNCIL, WESTERN SPACE CONGRESS, 1ST, SANTA MARIA, CALIF., OCT. 1970 PROCEEDINGS, PARTS 1 AND 2. WESTERN PERIODICALS CO., NORTH HOLLYWOOD, CALIF. 1970, 2 PARTS, 1091 P. \$50. PT. ONE. A71-15276, PT. TWO. A71-15316

## SECTION H8 SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00001	MANNED LUNAR ORBITAL MISSIONS; VOLUME I (2ND EDITION), APRIL 1965, PRELIMINARY MISSION DEFINITION FOR POST APOLO MANNED EXPLORATION OF SPACE
NR-H8-00-000-00002	MANNED LUNAR ORBITAL MISSIONS; VOLUME IA, APRIL 1965, REVISED SUBMISSIONS FROM POTENTIAL EXPERIMENTERS
NR-H8-00-000-00003	ANALYSIS OF REMOTE SENSING DATA REQUIREMENTS BY EXPERIMENT; NASA MSC, ISSUE DATE, NOVEMBER 1965.
NR-H8-00-000-00004	CALIBRATION OF RADIOMETERS IN ABSOLUTE RADIATION UNITS. REPORT NO. FSTC-HT-23-496-70. L.N. AKSYUTOV, D.K. SELEZNEVA, ET AL., USSR. TRANSLATION OF OPTIKO-NEKHANICHESKAYA PROMYSHLENNOST, VOL. 35, NO. 11, 1968. PP.8-11. MICROFICHE COPY. AD-700 159 N70-26221.
NR-H8-00-000-00005	SELENODETTIC STUDY ON CONSOLIDATION OF AERONAUTICAL CHART AND INFORMATION CENTER AND ARMY MAP SERVICE LUNAR CONTROL SYSTEMS. FINAL REPORT, FEBRUARY 1966. U.S. AIR FORCE, LUNAR AND PLANETARY BRANCH, CARTOGRAPHY DIVISION, AERONAUTICAL CHART AND INFORMATION CENTER, ST. LOUIS, MISSOURI. NASA DEFENSE PURCHASE REQUEST T-42805 (G).

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00006	CONTRIBUTION A L'ETUDE ET A LA REALISATION D'UNE CAMERA A RAYONNEMENT GAMMA EN VUE D'UNE APPLICATION A LA SCINTIGRAPHIE. JACQUES FELIX, AIX-MARSEILLE UNIVERSITY, FRANCE. COMMISSARIAT A L'ENERGIE ATOMIQUE, CADARACHE. CENTRE D'ETUDES NUCLEAIRES. OCT. 1969. STAR N70-17334. MICROFICHE COPY.
NR-H8-00-000-00007	AN IMPROVED UV INTERFEROMETER. RICHARD A. DAY, UNIVERSITY OF OKLAHOMA, NORMAN, OKLAHOMA. JAN. 1970. REPORT NO. NASA CR-108131. STAR N70-18889. MICROFICHE AND HARD COPY. ALSO NASA-CR-1666 AND N71-10025.
NR-H8-00-000-00008	CONCENTRATION OF EFFLUENTS IN A PLUME AS PREDICTED BY A MODEL AND OBSERVED IN FIELD. FLUID MECHANICS LABORATORY PUBLICATION 69-7. GEE TSANG, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, DEPT. OF MECHANICAL ENGINEERING, CAMBRIDGE, MASS. AUG. 1969. CONTRACT NO. PHS GRANT AP-00678-01. MICROFICHE COPY. N69-40884.
NR-H8-00-000-00011	REMOTE SENSOR AIRCRAFT DATA GATHERING SYSTEM DATA PROCESSING AND DISTRIBUTING UNIT; NATURAL RESOURCES PROGRAM, SPACE APPLICATIONS PROGRAMS OFFICE, MARCH 1966.
NR-H8-00-000-00012	PRELIMINARY NEWSLETTER, 'PURDUE FIELD EXPERIMENTS USING THE PERKIN-ELMER SG-4 SPECTROMETER;' JULY 11, 1966, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. ROGER A. HOLMES, SCHOOL OF ELECTRICAL ENGINEERING. CONTRACT NUMBER NGR-15-005-028.
NR-H8-00-000-00013	SOME PHYSICAL FACTORS AFFECTING RADIOGRAPHIC IMAGE QUALITY - THEIR THEORETICAL BASIS AND MEASUREMENT. LLOYD M. BATES, DEPT. OF RADIOLOGICAL SERVICES, JOHNS HOPKINS UNIVERSITY, BALTIMORE, MD. JUNE 1966. PUBLISHED IN ENVIRONMENTAL HEALTH SERIES, PUBLICATION NO. 999-RH-38.
NR-H8-00-000-00014	DESCRIPTION OF IMAGES OF VISUAL OBJECTS THROUGH CORRELATION FUNCTIONS. V.M. MOROZ, PUBLISHED IN AVTONATIKA, VOL. 14, SEPT.-OCT. 1969. PP.80-82. MICROFICHE COPY.
NR-H8-00-000-00017	PROPOSED INSTRUMENT CALIBRATION SITES, APPLICATIONS AREAS AND RESPONSIBLE AREAS AND RESPONSIBLE SCIENTISTS, MAY 2, 1968
NR-H8-00-000-00020	MULTIPLE IMAGERY WITH BIREFRINGENT LENSES. R.S. ENG, AND K.G. LEIB, GRUMMAN AEROSPACE CORP., BETHPAGE, N.Y. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 10, OCT. 1969. PP.2117-2120.
NR-H8-00-000-00021	DIE BEUGUNGSERSCHEINUNGEN - A TRIBUTE TO F.M. SCHWERDS MONUMENTAL WORK ON FRAUNHOFER DIFFRACTION. RICHARD B. HOOVER, NASA/MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALA. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 11, NOV. 1969. PP.2161-2164.
NR-H8-00-000-00022	HIGH-SPEED PHOTOGRAPHY OF AIRBORNE ATMOSPHERIC PARTICLES. THEODORE W. CANNON, NATIONAL CENTER FOR ATMOSPHERIC RESEARCH, BOULDER, COLORADO. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 9, NO. 1, FEB. 1970. PP.104-108.
NR-H8-00-000-00023	A PASSIVE OPTICAL TECHNIQUE FOR REMOTE SENSING OF HORIZONTAL WIND PROFILES AND ATMOSPHERIC TURBULENCE. FRITZ R. KRAUSE, AERO-ASTRODYNAMICS LAB., NASA/GEORGE C. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. PRESENTED AT AMERICAN GEOPHYSICAL UNION, 48TH ANNUAL MEETING, APRIL 1967.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00024	DESIGN GUIDE - MEASURING TEMPERATURE. LAWRENCE LYNNWORTH, PANAMETRICS INC., ESTERLINE CORP., WALTHAM, MASS. PUBLISHED IN MACHINE DESIGN, VOL. 41, NOV. 1969. PP.189-204.
NR-H8-00-000-00025	O RASCHETE OSVESHCHENNOSTI PRI AEROFOTOSYEMKE NA TSVEYONUYU-GRAFICHESKIKH MATERIALAKH. V. I.A. MIKHAILOV AND A.N. USPENSKII, USSR. PUBLISHED IN GEODEZIYA I KARTOGRAFIYA VOL. 14, NO. 11, 1969. PP.56-59. A70-19633. MICROFICHE COPY.
NR-H8-00-000-00026	OBSERVATION OF RAMAN SCATTERING BY WATER VAPOR IN THE ATMOSPHERE. S.H. MELFI, J.D. LAWRENCE, JR., ET AL., NASA/ LANGLEY RESEARCH CENTER, HAMPTON, VA. PUBLISHED IN APPLIED PHYSICS LETTERS, VOL. 15, NO. 9, NOV. 1969. PP.295-297.
NR-H8-00-000-00027	DIGITAL TERRAIN MODEL. M.W. CRIST, MERIDIAN AIRMAPS, LTD., LONDON, ENGLAND. PUBLISHED IN THE CONSULTING ENGINEER, VOL. 33, JUNE 1969. PP.46-47.
NR-H8-00-000-00028	THE ROLE OF OPTICS IN THE APOLLO PROGRAM. L. RICHARD LANKES LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. PUBLISHED IN OPTICAL SPECTRA, VOL. 3, SEPT.-OCT. 1969. PP.35-56.
NR-H8-00-000-00029	THE OPTICAL ARRAY - AN ALTERNATIVE TO SCATTERING OR EXTINCTION FOR AIRBORNE PARTICLE SIZE DETERMINATION. ROBERT G. KNOLLENBERG, NATIONAL CENTER FOR ATMOSPHERIC RESEARCH, BOULDER, COLORADO. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 9, NO. 1, FEB. 1970. PP.86-103.
NR-H8-00-000-00030	SCIENTIFIC SATELLITES. WILLIAM R. CORLISS. OFFICE OF TECHNOLOGY UTILIZATION, SCIENTIFIC AND TECHNICAL INFORMATION DIVISION, NASA, WASHINGTON, D.C. 1967. NASA SP-133. STAR N68-14965
NR-H8-00-000-00032	THE PHOTOGRAPHIC IMAGE. SHINGO OJUE, RESEARCH LABORATORIES, FUJI PHOTO FILM CO., LTD., KITAADACHI, JAPAN. PUBLISHED IN PROGRESS IN OPTICS, VOL. 7, 1969. PP.299-358.
NR-H8-00-000-00033	MANUAL OF COLOR AERIAL PHOTOGRAPHY. AMERICAN SOCIETY OF PHOTOGRAMMETRY, FIRST EDITION, 1968. JOHN T. SMITH, JR., EDITOR-IN-CHIEF, AND ABRAHAM ANSON, ASSOCIATE EDITOR.
NR-H8-00-000-00035	THIRD ANNUAL NASA-UNIVERSITY CONFERENCE ON MANUAL CONTROL. MARCH 1-3, 1967. UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES, CALIFORNIA. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, SCIENTIFIC AND TECHNICAL INFORMATION DIVISION, WASHINGTON, D.C. NASA SP-144.
NR-H8-00-000-00036	SPACE ENVIRONMENT CRITERIA GUIDELINES FOR USE IN SPACE VEHICLE DEVELOPMENT (1968 REVISION) NASA TM X-53798. EDITED BY ROBERT E. SMITH AND DON K. WEIDNER, AERO-ASTRODYNAMICS LABORATORY, MARSHALL SPACE FLIGHT CENTER, ALABAMA. OCTOBER 31, 1968.
NR-H8-00-000-00037	A COMPUTER PROGRAM FOR SIMPLIFYING INCOMPLETELY SPECIFIED SEQUENTIAL MACHINES USING THE PAULL AND UNGER TECHNIQUE. TECHNICAL REPORT 32-997. M.M. EBERSOLE AND P.E. LECOU, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA, NOVEMBER 15, 1968. CONTRACT NUMBER NAS 7-100.
NR-H8-00-000-00038	CARD FORMAT FOR OPTICAL AND RADAR PLANETARY DATA. TECHNICAL REPORT 32-1296. DOUGLAS A. O'HANDLEY, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA, MAY 1, 1968. CONTRACT NUMBER NAS 7-100.
NR-H8-00-000-00039	HOLOGRAPHIC COLOR SCHLIEREN. J.E. OHARE AND J.D. TROLINGER, ARO, INC., ARNOLD AIR FORCE STATION, TENN. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 10, OCT. 1969. PP.2047-2050.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00040	CONSTANTS AND RELATED INFORMATION FOR ASTRODYNAMIC CALCULATIONS, 1968. TECHNICAL REPORT 32-1306. WILLIAM G. MELBOURNE, J. DERRAL MULHOLLAND, ET AL, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA, JULY 15, 1968. CONTRACT NUMBER NAS 7-100.
NR-H8-00-000-00041	LANDING DYNAMICS PROGRAM FOR AXISYMMETRIC IMPACT ATTENUATING VEHICLES (LANDIT) TECHNICAL REPORT 32-1341. ALBERT C. KNOELL, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA, NOVEMBER 15, 1968. CONTRACT NUMBER NAS 7-100.
NR-H8-00-000-00042	INFRARED AND MICROWAVE COMMUNICATION BY MUTHS. HENRY S. HSIAO AND DR. CHARLES SUSSKIND, UNIVERSITY OF CALIFORNIA, ENGINEERING DEPT., BERKELEY, CALIFORNIA. PUBLISHED IN IEEE SPECTRUM, VOL. 7, NO. 3, MARCH 1970. PP.69-76.
NR-H8-00-000-00043	RADIO-FREQUENCY PERFORMANCE OF AN 85-FT GROUND ANTENNA: X-BAND. TECHNICAL REPORT 32-1300. DAN A. BATHKER, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA CALIFORNIA, JULY 1, 1968. CONTRACT NO. NAS 7-100.
NR-H8-00-000-00044	THE RANGER IX FLIGHT PATH AND ITS DETERMINATION FROM TRACKING DATA. TECHNICAL REPORT 32-767. C.J. VEGOS, F. BORN CAMP, ET AL, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. NOVEMBER 1, 1968. CONTRACT NUMBER NAS 7-100.
NR-H8-EJ-000-00045	VARIATIONS IN THE ABSORPTION SPECTRA OF ATMOSPHERIC DUST. REPORT NO. ECOM-5274. G.B. HOIDALE AND A.J. BLANCO, U.S. ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N.J. OCT. 1969. MICROFICHE COPY. STAR N70-17236.
NR-H8-00-000-00046	A SELECTED ANNOTATED BIBLIOGRAPHY ON LIGHTNING (1964-1969). REPORT NO. USAF ETAC-TN-69-8. ALVIN L. SMITH, JR., AND DENNIS L. BOYER, U.S. AIR FORCE, ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER, WASHINGTON, D.C. NOV. 1969. MICROFICHE COPY. STAR N70-17008.
NR-H8-00-000-00047	BIOMECHANICS STUDIES ON DYNAMIC SHAPE RECOGNITION. FINAL TECHNICAL REPORT. GABRIEL E. LOWITZ, TRW SYSTEMS, REDONDO BEACH, CALIFORNIA. NOV. 1968. CONTRACT NUMBER DAHC04-68-C-0016. MICROFICHE COPY.
NR-H8-00-000-00048	THE DOPPLER MAP OF AN EDGE. M.R. WEISS, THE MITRE CORP., BEDFORD, MASS. NOV. 1968. CONTRACT NO. AF19(628)-5165. MICROFICHE COPY.
NR-H8-00-000-00049	COMPUTER ANALYSIS OF INFRA-RED SPECTRA. REPORT NUMBER ESRO-TN-27/ESTEC. A. ACCENSI AND J. DAUPHIN, EUROPEAN SPACE RESEARCH AND TECHNOLOGY CENTER, NOORDWIJK, THE NETHERLANDS. MAY 1968. MICROFICHE COPY. STAR N68-36936.
NR-H8-00-000-00050	RADIANCE AND POLARIZATION OF MULTIPLE SCATTERED LIGHT FROM HAZE AND CLOUDS. GEORGE W. KATTAWAR AND GILBERT N. PLASS, SOUTHWEST CENTER FOR ADVANCED STUDIES, DALLAS, TEXAS. SEPT. 1967. REPRINTED FROM APPLIED OPTICS, VOL. 7, NO. 8, AUG. 1968. PP.1519-1527. MICROFICHE AND HARD COPY.
NR-H8-00-000-00051	RECENT PROGRESS IN COMPUTER PROCESSING OF X-RAY AND RADIO-ISOTOPE SCANNER IMAGES. ROBERT H. SELZER, CALIFORNIA INST. OF TECHNOLOGY, JET PROPULSION LAB., PASADENA, CALIFORNIA. PRESENTED AT INSTRUMENT SOCIETY OF AMERICA, ANNUAL BIOMEDICAL SCIENCES INSTRUMENTATION SYMPOSIUM, 7TH, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, MAY 1969, PROCEEDINGS, VOL. 6, 1969. PP.225-234. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00052	APPLICATION OF PHOTOGRAMMETRY TO THREE-DIMENSIONAL GEODESY. HELMUT H. SCHMID, ESSA/COAST AND GEODETIC SURVEY, ROCKVILLE, MARYLAND. PUBLISHED IN EOS, VOL. 50, JAN. 1969. PP.4-12.
NR-H8-00-000-00053	ESTIMATE OF CORRECTIONS FOR THE NONSIMULTANEITY OF MEASUREMENTS TO CORRELATIONS BETWEEN THE SPECTRAL INTENSITIES OF TERRESTRIAL RADIATION. A.I. LEBEDINSKIY, ET AL., USSR. PUBLISHED IN GEOMAGNETISM AND AERONOMY, VOL. 9, NO. 2, 1969. PP.169-173. MICROFICHE COPY.
NR-H8-00-000-00054	MAGNETIC VARIATION SOUNDING USING THE SPACE DERIVATIVES OF THE FIELD. M.N. BERDICHEVSKII, USSR. PUBLISHED IN GEOMAGNETISM AND AERONOMY, VOL. 9, NO. 2, 1969. PP.299-301. MICROFICHE COPY.
NR-H8-00-000-00055	THE CONNECTION OF METRICS OF VISUAL AND AUDIO SPACES FOR A METHOD OF TRANSFORMING AN IMAGE INTO SOUND. V.G. GRISHIN, USSR. VSESOYUZNAYA NAUCHNAYA SESSIYA, POSVYASHCHENNAYA DNYU RADIO, 22D, 1966. SEKTSIYA BIONIKI. MICROFICHE COPY.
NR-H8-00-000-00056	DATA CATALOG OF SATELLITE AND ROCKET EXPERIMENTS. NSSDC 69-01. JANUARY 1969. NATIONAL SPACE SCIENCE DATA CENTER, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD.
NR-H8-00-000-00057	MANNED SPACE FLIGHT EXPERIMENT CATALOG LISTING, REVISION, MAY 1, 1969. BELLCOMM, INC., WASHINGTON, D.C.
NR-H8-00-000-00058	THE NIMBUS III USER'S GUIDE. THE NIMBUS PROJECT, GODDARD SPACE FLIGHT CENTER, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, GREENBELT, MARYLAND, AND EDITED BY ALLIED RESEARCH ASSOCIATES, INC. CONCORD, MASSACHUSETTS. CONTRACT NUMBER NAS 5-10343.
NR-H8-00-000-00059	METEOROLOGICAL SATELLITES. COMMITTEE PRINT. COMMITTEE ON AERONAUTICAL AND SPACE SCIENCES, UNITED STATES SENATE. MARCH 29, 1962.
NR-H8-EJ-998-00060	KODAK EKTACHROME AEROGRAPHIC FILM (HIGH DEFINITION, ESTAR BASE, TYPE SO-121) TEST. REPORT NO. NASA TM X-58021. NOEL T. LAMAR, NASA MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JULY 1968
NR-H8-GH-998-00061	GEMINI MIDPROGRAM CONFERENCE (INCLUDING EXPERIMENT RESULTS). REPORT NO. NASA SP-121. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. FEBRUARY 1966.
NR-H8-00-000-00063	COMPARISON OF TWO METHODS FOR THE COMBINATION OF SATELLITE AND GRAVIMETRIC DATA. SCIENTIFIC REPORT NO. 22. AFCL-68-0386. RICHARD H. RAPP, OHIO STATE UNIVERSITY, RESEARCH FOUNDATION, COLUMBUS, OHIO. JULY 1968. CONTRACT NUMBER AF19(628)-5701. MICROFICHE COPY.
NR-H8-00-000-00064	RADAR BACK-SCATTER THEORIES FOR NEAR-VERTICAL INCIDENCE AND THEIR APPLICATION TO AN ESTIMATE OF THE LUNAR SURFACE ROUGHNESS. HAREHAJAN S. HAYRE AND RICHARD K. MOORE, UNIVERSITY OF NEW MEXICO, ENGINEERING EXPERIMENT STATION, ALBUQUERQUE, NEW MEXICO. JANUARY 1962. NASA GRANT NSG 129-61 STAR N62-11754.
NR-H8-00-000-00065	THE WORLD MAGNETIC SURVEY. NASA TN D-2109. JOHN P. HEPPNER GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JAN. 1964 STAR N64-14984.
NR-H8-00-000-00067	OBSERVATIONS FROM THE NIMBUS I METEOROLOGICAL SATELLITE. NASA SP-89. WILBUR B. HUSTON, ET. AL. GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1965 STAR N66-12130.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00068	SHORT GLOSSARY OF SPACE TERMS. NASA SP-1. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D. C. 1966. STAR N66-25785.
NR-H8-00-000-00069	SKY ILLUMINATION PHENOMENA. REPORT NO. B-64-42. PROF. C. HOFFMEISTER, ET. AL. SOVIET-BLOC, MOSCOW, USSR.
NR-H8-00-000-00070	THE COMPOSITION AND STRUCTURE OF THE TERRESTRIAL ATMOSPHERE. AFRL-63-289. MARCEL NICOLET, PENNSYLVANIA STATE UNIVERSITY COLLEGE OF ENGINEERING, UNIVERSITY PARK, PENNSYLVANIA. MAY 1963. CONTRACT NUMBER AF19(604)-4563. STAR N63-14174.
NR-H8-00-000-00071	TRANSFORMATION OF THE EQUATIONS OF MOTION OF METEOROLOGY INTO ARBITRARY ORTHOGONAL COORDINATES. EUGENE M. LUKS, METEOROLOGICAL RESEARCH LAB. A.F. CAMBRIDGE RESEARCH LAB. OFFICE OF AEROSPACE RESEARCH, U.S.A.F., L.G. HANSCOM FIELD, MASS. NOVEMBER 1962. CONTRACT NUMBER AF19(604)7247. STAR N63-20732.
NR-H8-00-000-00072	WHAT ARE THE CAUSES OF THE ALEUTIAN ANTICYCLONES. B.W. BOVILLE, MCGILL UNIVERSITY, MONTREAL, CANADA. AUGUST 1962. STAR N64-10985.
NR-H8-00-000-00073	PHENOMENA IN THE UPPER ATMOSPHERE. REPORT NO. AID-P-63-116. N.P. DANILKIN, COMPILATION OF ABSTRACTS FROM SOVIET LITERATURE. OCTOBER 1963. STAR N64-11447
NR-H8-00-000-00074	PHENOMENA IN THE UPPER ATMOSPHERE. REPORT NO. AID-P-63-98. G.G. DZHEMILEV, ET. AL. PUBLISHED IN REVIEW OF SOVIET LITERATURE. JULY 1963
NR-H8-00-000-00075	METEOROLOGICAL DATA REPORT AEROBEE KP 3.2 REPORT NO. ERDA-61. MARJORIE MCLARDIE HOIDALE, U.S. ARMY ELECTRONICS RESEARCH AND DEVELOPMENT ACTIVITY, WHITE SANDS MISSILE RANGE NEW MEXICO. AUGUST 1963. STAR N63-21208.
NR-H8-00-000-00077	THE APPLICATION OF REMOTE SENSING INSTRUMENTS IN EARTH RESOURCE SURVEYS. PETER C. BADGLEY, NASA, WASHINGTON, D.C., LEO F. CHILDS, MSC, HOUSTON, TEXAS, AND WILLIAM L. VEST, IIT RESEARCH INSTITUTE, WASHINGTON, D.C. PRESENTED AT THE 36TH ANNUAL MEETING OF THE SOCIETY OF EXPLORATION GEOPHYSICISTS, NOVEMBER 1967, PAPER NO. G-23.
NR-H8-00-000-00078	NASA EARTH-SENSING SPACE FLIGHT EXPERIMENTS. PETER C. BADGLEY, ALDEN P. COLVOCORESSES AND CHARLES D. CENTERS, NASA EARTH RESOURCES SURVEY PROGRAM, WASHINGTON, D.C. FOR PRESENTATION AT THE ANNUAL MEETING OF THE AMERICAN SOCIETY OF PHOTOGRAMMETRY, MARCH 9, 1967.
NR-H8-00-000-00081	POTENTIAL EARTH RESOURCES APPLICATIONS OF THE APOLLO 6 (502 MISSION) PHOTOGRAPHY. JOHN L. KALTENBACH, NASA-MSC, EARTH RESOURCES DIVISION, HOUSTON, TEXAS. PUBLISHED IN SPIE, 13TH ANNUAL TECHNICAL SYMPOSIUM PROCEEDINGS, 19-23 AUGUST 1966, WASHINGTON, D.C., P 311-323.
NR-H8-00-000-00084	GEODETIC PARAMETERS FOR A 1966 SMITHSONIAN INSTITUTION STANDARD EARTH. SAO SPECIAL REPORT NO. 200, SECTION 11, 5; P.185-190. EDITED BY CHARLES A. LUNDQUIST, AND GEORGE VEIS, SMITHSONIAN INSTITUTION, ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASSACHUSETTS. STAR N67-35962.
NR-H8-00-000-00085	RADIOMETRIC EQUIPMENT ON THE COSMOS 41 SATELLITE. I.A. SAVENKO, ET. AL. MOSCOW STATE UNIVERSITY, INSTITUTE OF NUCLEAR PHYSICS, MOSCOW, USSR. REPRINTED IN TECHNOLOGY APPLICATION CENTER, UNIVERSITY OF NEW MEXICO, MAY 1965 P.889-891.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00086	CONTRIBUTIONS TO THE COSPAR MEETING - MAY 1965. NASA TN D-3091. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JULY 1966
NR-H8-00-000-00087	PROJECT GEMINI: A CHRONOLOGY. NASA SP-4002. JAMES M. GRIMWOOD, BARTON C. HACKER AND PETER J. VORZIMMER, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C. 1969. STAR N69-36501
NR-H8-00-000-00088	THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION TOPSIDE SOUNDER PROGRAM. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.1-15. REPORT NO. TMX-57738. L.J. BLUMLE, R.J. FITZENREITER, AND J.E. JACKSON. GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFILM COPY.
NR-H8-00-000-00089	THE ORBITING SOLAR OBSERVATORY SPACECRAFT. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.15-21, REPORT NO. TMX-57738. E.P. DOLDER, O.E. BARTOE, J.C. LINDSAY, ET. AL., GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00090	STEREO PHOTOGRAPHY OF THE ECHO II BALLOONS, NUMBER 9, 11, AND 13. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.22-31. REPORT NO. TMX-57738. SOL H. GENATT, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. MICROFICHE COPY.
NR-H8-00-000-00091	GROUND OPERATION EQUIPMENT FOR THE ORBITING ASTRONOMICAL OBSERVATORY. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.32-47. REPORT NO. TMX-57738. E.J. HABIB, AND A.G. FERRIS, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00092	EXPLORATION OF THE ATMOSPHERE OF VENUS BY A SIMPLE CAPSULE. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.48-61. REPORT NO. TMX-57738. RUDOLF A. HANEL, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00093	THE ORBITING GEOPHYSICAL OBSERVATORIES. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.62-92. REPORT NO. TMX-57738. GEORGE H. LUDWIG, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00094	OPERATIONS WITH AN EXPERIMENTAL SATELLITE. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.93-104. REPORT NO. TMX-57738. D.G. MAZUR, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00095	RELAY. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.105-110. REPORT NO. TMX-57738. SIDNEY METZGER, AND ROBERT H. PACKARD, COMMUNICATIONS SATELLITE CORP., GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00096	RELAY I, SPACECRAFT PERFORMANCE. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.111-115. REPORT NO. TMX-57738. ROBERT H. PICKARD, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00097	RELAY, AN EXPERIMENTAL SATELLITE FOR TV AND MULTICHANNEL TELEPHONY COMMUNICATIONS. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.122-140. REPORT NO. TMX-57738. R. PICKARD, S. ROTH, AND J. KIESLING, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00098	TIROS OPERATIONS. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.141-145. REPORT NO. TMX-57738. ERNEST F. POWERS, GODDARD SPACE FLIGHT CENTER GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00099	TIROS ACHIEVEMENTS. REPORT NO. TMX-57738. R.M. RADOS, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 11, SPACE TECHNOLOGY. PP.146-148. MICROFICHE COPY. STAR N66-32055.
NR-H8-00-000-00100	THE ORBITING GEOPHYSICAL OBSERVATORIES. REPORT NO. TMX-57738. W.E. SCHULL, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 11, SPACE TECHNOLOGY. PP.160-167. MICROFICHE COPY. STAR N66-32056.
NR-H8-00-000-00101	ARIEL 1, THE FIRST INTERNATIONAL SATELLITE. REPORT NO. TMX-57738. GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. SPACE TECHNOLOGY. PP.160-167. MICROFICHE COPY. STAR N66-32063.
NR-H8-00-000-00102	UNITED KINGDOM EXPERIMENTS. LANGMUIR PROBE FOR MEASUREMENT OF ELECTRON TEMPERATURE AND DENSITY. REPORT NO. TMX-57738. GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 11, SPACE TECHNOLOGY. PP.168-229. MICROFICHE COPY. STAR N66-32058.
NR-H8-00-000-00103	A SMALL MULTIPURPOSE ROCKET PAYLOAD FOR IONOSPHERIC STUDIES. REPORT NO. TMX-57738. S.J. BAURER AND J.E. JACKSON, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 11, SPACE TECHNOLOGY. PP.230. MICROFICHE COPY. STAR N66-32059.
NR-H8-00-000-00104	TELEMETRY DATA PROCESSING FOR THE ECCENTRIC ORBITING GEOPHYSICAL OBSERVATORY SATELLITE. REPORT NO. TMX-57738. E. HABIB, ET AL., GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 11, SPACE TECHNOLOGY. PP.242-250. MICROFICHE COPY. STAR N66-32060.
NR-H8-00-000-00105	MATHEMATICAL ANALYSIS FOR THE ORIENTATION AND CONTROL OF THE ORBITING ASTRONOMICAL OBSERVATORY SATELLITE. REPORT NO. TMX-57738. P.B. DAVENPORT, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 11, SPACE TECHNOLOGY. PP.251-259. MICROFICHE COPY. STAR N66-32061.
NR-H8-00-000-00106	A PRECISION ENDLESS-LOOP MAGNETIC TAPE RECORDER FOR SPACE APPLICATIONS. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.260-271. R.C. FALWELL, K.W. STARK, AND A.F. WHITE, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00107	ANALYTICAL THEORY OF THE STRETCH YO-YO FOR DE-SPIN OF SATELLITES. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.272-282. JOSEPH V. FEDOR GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1963 MICROFICHE COPY.
NR-H8-00-000-00108	THE MRIR-PCM TELEMETRY SYSTEM: A PRACTICAL EXAMPLE OF MICRO-ELECTRONIC LOGIC DESIGN. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.283-293. PAUL M. FEINBERG, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1963. MICROFICHE COPY.



## SUBJECT RELATED DOCUMENTS - MULTISUBJECT


 Reproduced from  
best available copy.

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00109	FINE POINTING CONTROL FOR THE ORBITING ASTRONOMICAL OBSERVATORY. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.294-298. 1963. GORDON E. GRAHAM GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00110	ADVANCED EARTH SENSOR DESIGN CONSIDERATIONS. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.299-301. BARBARA K. LUNDE, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00111	RELIABILITY VERSUS ACCURACY TRADEOFFS. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.302-306. BARBARA K. LUNDE, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1963. MICROFICHE COPY.
NR-H8-00-000-00112	A RELIABLE EARTH SENSOR FOR ATTITUDE SENSING. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.307-312. BARBARA K. LUNDE, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1963. MICROFICHE COPY.
NR-H8-00-000-00113	ANALYSIS OF THE DYNAMIC TESTS OF THE STRETCH YO-YO DE-SPIN SYSTEM. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER, 1963. VOL. 2, SPACE TECHNOLOGY, PP.313-325. WILLIAM R. MENTZER, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00114	A METHOD TO OPTIMIZE THE SOLAR CELL POWER SUPPLY FOR INTER-PLANETARY SPACECRAFT. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.326-335. GRADY B. NICHOLS, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00115	A MAGNETIC CORE VOLTAGE-TO-FREQUENCY CONVERTER. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.336-345. STEPHEN PAULL, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1963. MICROFICHE COPY.
NR-H8-00-000-00116	CHARACTERISTICS OF PASSIVE COMMUNICATION SATELLITES WITH LAMBERTIAN SURFACES. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.346-356. HERBERT P. RAABE, GENERAL MILLS ELECTRONICS DIVISION. MICROFICHE COPY.
NR-H8-00-000-00117	DATA STORAGE FOR METEOROLOGICAL SATELLITES. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.357-362. M.I. SCHNEEBALM AND R.A. STAMPFL, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00118	A MEDIUM-DATA-RATE DIGITAL TELEMETRY SYSTEM. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.363-367. MARJORIE R. TOWNSEND, PAUL M. FEINBERG AND JOHN G. LESKO, JR., GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00119	THE SOLAR POWER SUPPLY SYSTEM FOR THE ORBITING ASTRONOMICAL OBSERVATORIES. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.369-378. CARL J. WENZINGER, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND, HENRY CARLETON, MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00120	A LINEARIZED ANALYSIS AND DESIGN OF AN AUTOMATIC BALANCING SYSTEM FOR THE THREE-AXIS AIR BEARING TABLE. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.379-388. FELEX ZAJAC AND DAVID SMALL, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00121	VEHICLE TECHNOLOGY CONSIDERATIONS FOR A SOLAR PROBE. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.402-408. JOHN A. FUSCHETTI, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00122	ROCKET SOUNDINGS IN THE MESOSPHERE. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.425-442. WILLIAM NORDBERG, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00123	THE ROCKET-GRENADE EXPERIMENT. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.443-463. WILLIAM NORDBERG AND W. SMITH, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00124	INVESTIGATION OF HF AND VHF ROCKET-BORNE SHROUD ANTENNAS. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER. VOL. 2, SPACE TECHNOLOGY, PP.464-471. G.H. SPAID AND J.R. HAGERMEYER GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00125	A POSSIBLE METHOD OF CORRECTING LOW FREQUENCY RADIO OBSERVATIONS FOR IONOSPHERIC ABSORPTION. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.475-490. LARRY W. BROWN, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00126	SCINTILLATION COUNTER TELESCOPE FOR CHARGE AND MASS IDENTIFICATION OF PRIMARY COSMIC RAYS. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. 2, SPACE TECHNOLOGY, PP.491-496. D.A. BRYANT, G.H. LUDWIG, AND F.B. McDONALD, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MICROFICHE COPY.
NR-H8-00-000-00127	SPECTRALLY SELECTIVE PHOTODETECTORS FOR THE MIDDLE AND VACUUM ULTRAVIOLET. LAWRENCE DUNKELMAN, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. 11, SPACE TECHNOLOGY, PP.513-521. MICROFICHE COPY.
NR-H8-00-000-00128	ULTRAVIOLET PHOTODETECTORS. LAWRENCE DUNKELMAN, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. 11, SPACE TECHNOLOGY, PP.522-531. MICROFICHE COPY.
NR-H8-00-000-00129	MIDDLE ULTRAVIOLET PHOTOELECTRIC DETECTION TECHNIQUES. LAWRENCE DUNKELMAN, ET AL., GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. 11, SPACE TECHNOLOGY, PP.532-541. MICROFICHE COPY.
NR-H8-00-000-00130	FAILURE PROBLEM WITH A RHENIUM MASS SPECTROMETER FILAMENT AND ITS SOLUTION. A.G. EUBANKS, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. 11, SPACE TECHNOLOGY, PP.542-545. MICROFICHE COPY.
NR-H8-00-000-00131	AN ATTITUDE CONTROL SYSTEM FOR THE ADVANCED ORBITING. PAUL G. FAHLSTROM, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. 11, SPACE TECHNOLOGY, PP.546-548. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00132	EXPERIMENTS FROM A SMALL PROBE WHICH ENTERS THE ATMOSPHERE OF MARS. R.A. HANEL, R.A. STAMPEL, ET AL., GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.549-562. MICROFICHE COPY.
NR-H8-00-000-00133	PHYSICAL MEASUREMENTS FROM METEOROLOGICAL SATELLITES. R.A. HANEL, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.563-568. MICROFICHE COPY.
NR-H8-00-000-00134	IMAGE CONSTRUCTION FOR CONCAVE GRATINGS AT GRAZING INCIDENCE BY RAY TRACING. S.O. KASTNER AND W.M. NEUPERT, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.569-574. MICROFICHE COPY.
NR-H8-00-000-00135	A DETECTOR-ANALYZER FOR STUDING THE INTERPLANETARY PLASMA. K.W. OGILVIE, N. MCILWRAITH, ET AL., GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.575-582. MICROFICHE COPY.
NR-H8-00-000-00136	ATMOSPHERIC SAMPLING INSTRUMENTATION. NELSON W. SPENCER, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.583-586. MICROFICHE COPY.
NR-H8-00-000-00137	A MASS SPECTROMETER FOR AN AERONOMY SATELLITE. N.W. SPENCER AND C.A. REBER, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.587-589. MICROFICHE COPY.
NR-H8-00-000-00138	THE AUTOMATIC PICTURE TRANSMISSION (APT) TV CAMERA SYSTEM FOR METEOROLOGICAL SATELLITES. RUDOLF A. STAMPEL AND WILLIAM G. STROUD, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.590-598. MICROFICHE COPY.
NR-H8-00-000-00139	A VACUUM ULTRAVIOLET PHOTOIONIZATION DETECTOR. A.K. STOBER AND R. SCOLNIK, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.599-604. MICROFICHE COPY.
NR-H8-00-000-00140	ULTRAVIOLET OPTICAL PROPERTIES OF DIAMOND. W.C. WALKER AND J. OSANTOWSKI, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.605-610. MICROFICHE COPY.
NR-H8-00-000-00141	THE ULTRAVIOLET REFLECTION SPECTRUM OF CADMIUM SULFIDE. W.C. WALKER AND J. OSANTOWSKI, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.611-612. MICROFICHE COPY.
NR-H8-00-000-00142	ACHIEVING SATELLITE RELIABILITY THROUGH ENVIRONMENTAL TESTS. JOHN C. NEW, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963, VOL. II, SPACE TECHNOLOGY, PP.722-733. MICROFICHE COPY.
NR-H8-00-000-00143	PUBLICATIONS OF GODDARD SPACE FLIGHT CENTER 1963. VOL. II, SPACE TECHNOLOGY. REPORT NO. TMX-57738. GODDARD SPACE FLIGHT CENTER, GREENBELT, MD.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00144	MANUAL OF PHOTOGRAPHIC INTERPRETATION. AMERICAN SOCIETY OF PHOTOGRAMMETRY, WASHINGTON, D.C. 1960.
NR-H8-00-000-00145	FUNDAMENTALS OF OPTICS. FRANCIS A. JENKINS AND HARVEY E. WHITE, UNIVERSITY OF CALIFORNIA. MCGRAW-HILL BOOK CO., 3D ED., 1957.
NR-H8-00-000-00147	NIMBUS II USERS GUIDE. THE NIMBUS PROJECT, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. PREPARED BY ARACON GEOPHYSICS CO., CONCORD, MASS., A DIVISION OF ALLIED RESEARCH ASSOCIATES, INC., JULY 1966. CONTRACT NUMBER NAS 5-10114.
NR-H8-00-000-00148	THE APPLICATIONS TECHNOLOGY SATELLITE METEOROLOGICAL DATA CATALOG. VOL. 1. JANUARY-JUNE 1967. ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. AND NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. OCTOBER 1967. CONTRACT NO. NAS 5-10343.
NR-H8-00-000-00149	APOLLO - SATURN 6 VERTICAL STEREO PHOTOGRAPHY CATALOG. RICHARD W. UNDERWOOD AND HERBER A. TIEDEMAN, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. APRIL 1968
NR-H8-00-000-00150	GEMINI DISCIPLINARY SET CATALOGUES. COMPILED BY UNIVERSITY OF NEW MEXICO, TECHNOLOGY APPLICATION CENTER, ALBUQUERQUE, NEW MEXICO.
NR-H8-00-000-00151	GEMINI SYNOPTIC PHOTOGRAPHY CATALOG. COMPILED BY THE UNIVERSITY OF NEW MEXICO, TECHNOLOGY APPLICATION CENTER, ALBUQUERQUE, NEW MEXICO.
NR-H8-00-000-00152	CORRELATION MECHANICAL AND THERMAL OF THE LUNAR SURFACE. J.D. HALAJIAN AND J. REICHMAN, GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, NEW YORK. REPRINT FROM ICARUS 10, P.179-196 (1969)
NR-H8-00-000-00153	POTENTIAL APPLICATIONS OF SATELLITE GEODETIC TECHNIQUES TO GEOSCIENCES. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1968. NASA SP-158.
NR-H8-00-000-00155	THE SCIENTIFIC REPORT OF THE ROCKWELL POLAR FLIGHT. NORTH AMERICAN ROCKWELL CORP., DOWNEY, CALIFORNIA. 1965. STAR N69-71486.
NR-H8-00-000-00159	A SYSTEM FOR AUTOMATIC COLLECTION AND PROCESSING OF GEOMAGNETIC DATA IN DIGITAL FORM. FINAL SCIENTIFIC REPORT, FEB. 1965-FEB. 1969. AFRL-69-0269. GEORGE GUSTAFSSON, KIRUNA GEOPHYSICAL OBSERVATORY, SWEDEN. APRIL 1969. MICROFICHE COPY. STAR N70-12449.
NR-H8-FK-000-00160	WATER USE. PRINCIPLES AND GUIDELINES FOR PLANNING AND MANAGEMENT IN WISCONSIN. WISCONSIN CHAPTER, SOIL CONSERVATION SOCIETY OF AMERICA, MADISON, WISCONSIN
NR-H8-KE-000-00161	DESCRIPTION OF THE BRAZILIAN PROGRAM FOR REMOTE SENSING OF EARTH RESOURCES. TECHNICAL REPORT LAFE-90. J.B. MACHADO, CONSELHO NACIONAL DE PESQUISAS, COMISSAO NACIONAL DE ATIVIDADES ESPACIAIS, SAO JOSE DOS CAMPOS, SAO PAULO, BRAZIL. JULY 1969. STAR N70-11059
NR-H8-00-000-00165	ARIEL I. THE FIRST INTERNATIONAL SATELLITE. EXPERIMENTAL RESULTS. NASA SP-119. GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1966.
NR-H8-00-000-00166	A SURVEY OF ATTITUDE SENSORS FOR SPACECRAFT. NASA SP-145. NORMAN M. HATCHER, LANGLEY RESEARCH CENTER, LANGLEY STATION, HAMPTON, VIRGINIA. 1967

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00167	DIGITAL FILTERING FOR OPTIMIZATION OF SIGNALS SUBMERGED IN NOISE. REPORT NO. TM-69-1033-2. S.Y. LEE, BELLCOMM, INC., WASHINGTON, D.C. OCTOBER 7, 1969.
NR-H8-00-000-00168	MAGNETIC TAPE RECORDING. SKIPWITH W. ATHEY, PH. D. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. JANUARY 1966. CONTRACT NO. NASW-945. NASA SP-5038.
NR-H8-00-000-00169	BIBLIOGRAPHY OF ATMOSPHERIC OZONE TO 40 KM. ITS CONCENTRATION, DISTRIBUTION, METHODS OF DETECTION, AND RELATIONSHIP WITH OTHER METEOROLOGICAL PHENOMENA. REPORT NO. LA-3328-MS. BETTY S. JACKSON, LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO, OF THE UNIVERSITY OF CALIFORNIA. APRIL 1965. CONTRACT NO. W-7405-ENG. 36.
NR-H8-00-000-00170	ADVANCED TECHNIQUES FOR AEROSPACE SURVEILLANCE. AGARD CONFERENCE PROCEEDINGS NO. 29. NATO ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, AGARD, 64 RUE DE ZARENNE, PARIS VII, FRANCE. (PROCEEDINGS OF THE 13TH SYMPOSIUM OF THE AVIONICS PANEL OF AGARD). 1968. STAR N68-33392.
NR-H8-00-000-00172	OBSERVATIONS OF THE EARTH'S RESOURCES. MONICA M. COLE, BEDFORD COLLEGE, UNIVERSITY OF LONDON. PUBLISHED IN PROCEEDINGS OF ROYAL SOCIETY A. VOL. 308, PP.173-182 (1968).
NR-H8-00-000-00177	A NUMERICAL LEAST-SQUARE METHOD FOR RESOLVING COMPLEX PULSE HEIGHT SPECTRA. NASA SP-3044. J.I. TRUMBKA AND R.L. SCHWABECK, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD., 1968.
NR-H8-00-000-00178	THIS NEW OCEAN. A HISTORY OF PROJECT MERCURY. NASA SP-4201. LOYD S. SWENSON, ET. AL., NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1966.
NR-H8-00-000-00179	PROCEEDINGS OF THE SECOND NATIONAL CONFERENCE ON THE PEACEFUL USES OF SPACE. NASA SP-8. PRESENTED IN SEATTLE, WASHINGTON, MAY 8-10, 1962. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C.
NR-H8-00-000-00180	PROCEEDINGS OF THE FOURTH NATIONAL CONFERENCE ON THE PEACEFUL USES OF SPACE. NASA SP-51. PRESENTED IN BOSTON, MASS. APRIL 29-MAY 1, 1964. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C.
NR-H8-00-000-00181	PROCEEDINGS OF THE CONFERENCE ON SPACE-AGE PLANNING. NASA SP-40. A PART OF THE THIRD NATIONAL CONFERENCE ON THE PEACEFUL USES OF SPACE, CHICAGO, MAY 1-9, 1963. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C.
NR-H8-00-000-00182	SPACE MEASUREMENTS SURVEY, INSTRUMENTS AND SPACECRAFT. OCTOBER 1957-MARCH 1965. NASA SP-3028. ELECTRO-OPTICAL SYSTEMS, INC., PASADENA, CALIFORNIA. 1966. CONTRACT NO. DA-49-146-XZ-100.
NR-H8-00-000-00183	ALL-UNION SCIENTIFIC METEOROLOGICAL CONFERENCE. SELECTED ARTICLES. YE. M. FEYGELSON, USSR. VOL. 6, 1963, PART I AND II. STAR N68-87851.
NR-H8-00-000-00186	PREDICTION OF GEOMAGNETIC ACTIVITY. REPORT NO. 61306. KENNETH MOE AND NANCY U. CHOOKER, McDONNELL DUGLAS ASTRO-NAUTICS CO., WESTERN DIV., SANTA MONICA, CALIFORNIA. AUGUST 1969. CONTRACT NO. NAS8-30156

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00187	COLOR TELEVISION IN SCIENCE AND ENGINEERING. REPORT NO. JPRS-47,231. B. ZHEBEL AND N. YERGANZHIVYEV, MOSCOW, RUSSIA. PUBLISHED IN RADIO, MOSCOW, NO. 11, 1968. PP.33-34. STAR N69-17090.
NR-H8-00-000-00188	APPLICATIONS OF PERCEPTONS TO PHOTOINTERPRETATION. SUMMARY REPORT. REPORT NO. VE-1446-G-3. CORNELL UNIVERSITY, CORNELL AERONAUTICAL LAB., INC., BUFFALO, N.Y. AUGUST 1963. CONTRACT NO. NONR1161(00).
NR-H8-00-000-00189	USSR ACHIEVEMENTS IN SPACE RESEARCH. FIRST DECADE IN SPACE, 1957-1967. ACADEMY OF SCIENCES, INSTITUTE OF THE HISTORY OF NATURAL SCIENCE AND TECHNOLOGY, MOSCOW, USSR. STAR N69-17187
NR-H8-00-000-00190	DENSITY DISCRIMINATION FOR IMAGE EVALUATION. FINAL REPORT. REPORT NO. RADC-TR-67-483. JOHN BOARDMAN AND LEON LESINSKI, TECHNICAL OPERATIONS, INC., BURLINGTON, MASS. OCTOBER 1967. CONTRACT NUMBER AF30(602)-3917. STAR X68-11719.
NR-H8-00-000-00191	ANALYTICAL AERO-TRIANGULATION. ZHIGNIEW SITEK, POLAND. REPRINTED FROM GEODETIC REVIEW, VOL. 37, NO. 9, 1965. PP.374-377. STAR X68-12094.
NR-H8-00-000-00192	IMAGE PROCESSING-ANALOG IMAGE PROCESSOR SUCCESSFULLY REMOVES IMAGE BLUR. W. SWINDELL, UNIVERSITY OF ARIZONA, OPTICAL SCIENCE CENTER, TUCSON, ARIZONA. PUBLISHED IN OPTICAL SCIENCES CENTER NEWSLETTER, JUNE-AUGUST, 1969. PP.122-123.
NR-H8-00-000-00195	MULTILAYER FILTERS FOR THE REGION 0.8 TO 100 MICRONS. VOL. I - TEXT AND TABLES. FINAL SCIENTIFIC REPORT, NOVEMBER 1964 - MAY 1968. AFCL-68-0496-(I). S.D. SMITH AND J.S. SEELEY, UNIVERSITY OF READING, READING, ENGLAND. MAY 1968. CONTRACT NUMBER AF61(052)-833. MICROFICHE COPY.
NR-H8-00-000-00196	MULTILAYER FILTERS FOR THE REGION 0.8 TO 100 MICRONS. VOL. II - ILLUSTRATIONS. FINAL SCIENTIFIC REPORT, NOVEMBER 1964 - MAY 1968. AFCL-68-0496-(II). S.D. SMITH AND J.S. SEELEY, UNIVERSITY OF READING, READING, ENGLAND. MAY 1968. CONTRACT NUMBER AF61(052)-833. MICROFICHE COPY.
NR-H8-EJ-114-00198	A DIMENSIONLESS SOLUTION FOR THE WIND AND TEMPERATURE PROFILES IN THE SURFACE BOUNDARY LAYER. FRANK V. HANSEN AND JUANA SERNA, WHITE SANDS MISSILE RANGE, NEW MEXICO SEPT. 1969. REPORT NO. ECOM-5267. STAR N70-18355. AD-697 109. MICROFICHE COPY.
NR-H8-00-000-00199	ATMOSPHERIC TURBULENCE. REPORT NO. FTD-MT-24-45-69. V.I. TATARSKII, USSR. TRANSLATED FROM ZEMLYA I VSELENNAYA, VOL. 4, NO. 2, 1968. PP.43-46. MICROFICHE COPY. STAR N70-13553.
NR-H8-00-000-00200	MODULATION BY WATER WAVES OF RADAR RETURN AT VERTICAL INCIDENCE. TECHNICAL REPORT NO. 2. A.B. ABELING, ET. AL., GEORGIA INSTITUTE OF TECHNOLOGY, ENGINEERING EXPERIMENT STA. ATLANTA, GEORGIA. NOVEMBER 1966. CONTRACT NO. N62269-3112. STAR X67-15716.
NR-H8-00-000-00201	ANTARCTIC TEMPERATURE STUDIES UTILIZING HRIR DATA FROM NINEUS I. WILLIAM OSCAR KERMAN, JR., AND DON DALE FRAME, U.S. NAVY DEPT., POSTGRADUATE SCHOOL, MONTEREY, CALIFORNIA. MAY 1966. STAR X67-12897.
NR-H8-00-000-00203	SPACE TECHNOLOGY. VOL. V. TELECOMMUNICATIONS. NASA SP-69. J.J. STIFFLER, CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LABORATORY, PASADENA, CALIFORNIA. 1966. CONTRACT NUMBER NSG-598.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00206	PROCEEDINGS OF THE FIFTH NATIONAL CONFERENCE ON THE PEACEFUL USES OF SPACE. HELD IN ST. LOUIS, MISSOURI, MAY 26-28, 1965. NASA SP-82. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C.
NR-H8-00-000-00210	AMERICAS NEXT DECADE IN SPACE. A REPORT FOR THE SPACE TASK GROUP. PREPARED BY THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. SEPTEMBER 1969.
NR-H8-00-000-00211	THE POST-APOLLO SPACE PROGRAM - DIRECTIONS FOR THE FUTURE. SPACE TASK GROUP REPORT TO THE PRESIDENT. SEPTEMBER 1969. WASHINGTON, D.C. N70-41475
NR-H8-00-000-00212	RADIOMETRIC STANDARDS AND MEASUREMENTS. E.J. GILLHAM, NATIONAL PHYSICAL LABORATORY, TEDDINGTON, MIDDLESEX, ENGLAND. NOTES OF APPLIED SCIENCE, NO. 23.
NR-H8-GH-998-00214	EXPLORING SPACE WITH A CAMERA. NASA SP-168. EDGAR M. CORTRIGHT, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1968.
NR-H8-00-000-00215	LIGHT SOURCES FOR REMOTE SENSING SYSTEMS. NASA CR-H54. M.W.P. CANN, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. AUGUST 1967. CONTRACT NO. NAS 8-20107. STAR N67-36490
NR-H8-00-000-00216	REMOTE INFORMATION RETRIEVAL FACILITY. NASA CR-1318. REPORT NO. N-07-68-1. ROGER K. SUMMIT, LOCKHEED AIRCRAFT CORP., PALO ALTO, CALIFORNIA. APRIL 1969. CONTRACT NUMBER NASW-1454. STAR N69-23381.
NR-H8-00-000-00217	ULTRAVIOLET DAYGLOW AND STELLAR BRIGHTNESS MEASUREMENT FROM THE X-15 AIRCRAFT. NASA CR-1017. LOWELL R. DOHERTY, UNIVERSITY OF WISCONSIN, DEPARTMENT OF ASTRONOMY, MADISON, WISCONSIN. MARCH 1968. CONTRACT NUMBER NSG-618. STAR N68-19590.
NR-H8-00-000-00218	SURVEY OF DETECTORS AND DYNAMIC CALIBRATION METHODS FOR REMOTE SENSING SYSTEMS. NASA CR-751. G. JOHNSON AND A.J. MONTGOMERY, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. APRIL 1967. CONTRACT NO. NAS 8-20107. STAR N67-22779.
NR-H8-00-000-00221	CHARACTERISTICS AND USE OF X-15 AIR-DATA SENSORS. NASA TN D-4597. LANNIE D. WEBB, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, FLIGHT RESEARCH CENTER, EDWARDS, CALIFORNIA. JUNE 1968. STAR N68-25317.
NR-H8-00-000-00222	EXPERIMENTAL USE OF RADIO INFORMATION FROM SATELLITES IN OPERATIONAL WORK. P.N. BELOV, AND YR. V. KURILOVA, USSR. TRANSLATION OF GIDROMETEOROLOGICHESKII NAUCHNO-ISSLEDOVAT-ELSKII, USSR. TRUDY, NO. 26, 1968. PP.54-60. MICROFICHE COPY.
NR-H8-00-000-00223	SIGNIFICANT ACHIEVEMENTS IN SATELLITE GEODESY 1958-1964. NASA SP-94. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1966.
NR-H8-00-000-00224	SELECTED PHOTOGRAPHIC TECHNIQUES. A COMPILATION. REPORT NO. NASA SP-5914 (01). NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASH., D.C. 1968.
NR-H8-00-000-00225	ESSAI EN BALLON STRATOSPHERIQUE DUN ALTIMETRE EMPLOYANT UN DETECTEUR SEMICONDUCTEUR. REPORT NO. CHA-R-3516. LOUIS GILLY, CENTRE D'ETUDES NUCLEAIRES DE GRENOBLE, FRANCE. JUNE 1968. STAR N68-37201.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00226	SATELLITE MAPPING OF THE PACIFIC TROPICAL CLOUDINESS. JACOB BJERKNES, ET. AL., UNIVERSITY OF CALIFORNIA, DEPT. OF METEOROLOGY, LOS ANGELES, CALIFORNIA. PUBLISHED IN BULLETIN AMERICAN METEOROLOGICAL SOCIETY, VOL. 50, NO. 5, MAY 1969. PP.313-322.
NR-H8-00-000-00227	HIGH ALTITUDE RADIONETRIC MEASUREMENTS OF CIRRUS. P.M. KURN, ET. AL., ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, ESSA RESEARCH LAB, BOULDER, COLORADO. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 8, FEB. 1969. PP.147-154.
NR-H8-00-000-00228	GRIDGING SCHEME FOR APT SATELLITE PICTURES. WILLIAM D. BONNER, UNIVERSITY OF CALIFORNIA, DEPT. OF METEOROLOGY, LOS ANGELES, CALIFORNIA. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 74, NO. 18, 1969. PP.4581-4587.
NR-H8-00-000-00229	HIGH RESOLUTION BALLOONBORNE TEMPERATURE SENSOR. DENNIS W. CAMP, ET. AL., NASA/MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. OCTOBER 1968. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 8, FEB. 1969, PP.159-166.
NR-H8-00-000-00230	MOSAIC-MIRROR CAMERA FOR MULTIPLE IMAGE, HIGH RESOLUTION PHOTOGRAPHY. A.I. CARSWELL, ET. AL., RCA VICTOR, LTD., RESEARCH LAB., MONTREAL, QUEBEC. JULY 1968. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 3, MARCH 1969, PP.712-713.
NR-H8-00-000-00232	A BIBLIOGRAPHY OF CERTAIN OPTICAL PROPERTIES OF LIQUID WATER IN THE INFRARED REGION (1-2000 MICRONS). NRL BIBLIOGRAPHY NO. 25. P.W. DAVIS, U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. AUGUST 1965. MICROFICHE COPY. STAR N66-13765.
NR-H8-00-000-00234	EVALUATION OF MOTION-DEGRADED IMAGES. NASA SP-193. NASA/OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. A SEMINAR HELD IN CAMBRIDGE, MASS. DECEMBER 3-5, 1968. STAR N69-33322.
NR-H8-00-000-00236	GEOLOGICAL SURVEY RESEARCH 1963, SHORT PAPERS IN GEOLOGY AND HYDROLOGY, ARTICLES 1-59. GEOLOGICAL SURVEY PROFESSIONAL PAPER 475-B, 1963. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C.
NR-H8-00-000-00238	SEPARABLE GRAPHS, PLANAR GRAPHS AND WEB GRAMMARS. TECHNICAL REPORT 69-96. UGO MONTANARI, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. AUGUST 1969. CONTRACT NUMBER NONR-5144(00).
NR-H8-00-000-00239	THE PAX II PICTURE PROCESSING SYSTEM. TECHNICAL REPORT 68-67. JAMES W. SNIVELY, JR., AND EDGAR B. BUTT, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MD. MAY 1968. CONTRACT NO. NSG 398. STAR N68-28308.
NR-H8-00-000-00240	OPERATIONAL PROCESSING OF LOW RESOLUTION INFRARED (LRIR) DATA FROM ESSA SATELLITES. TECHNICAL REPORT NESC-42. LOUIS RUBIN, U.S. DEPT. OF COMMERCE, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WASHINGTON, D.C. FEBRUARY 1968.
NR-H8-00-000-00241	WEB GRAMMARS. TECHNICAL REPORT 69-84. JOHN L. PFALTZ AND AZRIEL ROSENFELD, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. JANUARY 1969. CONTRACT NUMBER NONR-5144(00).
NR-H8-00-000-00242	ON LIMIT PROPERTIES IN DIGITIZATION SCHEMES. TECHNICAL REPORT 69-95. UGO MONTANARI, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. JUNE 1969. CONTRACT NUMBER NONR-5144(00).
NR-H8-00-000-00243	MECHANICAL SCANNER FOR OFF-LINE PICTURE DIGITIZATION. TECHNICAL REPORT 69-92. ANDREW PILIPCHUK, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. APRIL 1969. CONTRACT NUMBER NSG 398.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

Reproduced from  
best available copy.

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00244	EDGE AND CURVE ENHANCEMENT IN DIGITAL PICTURES. TECHNICAL REPORT 69-93. AZRIEL ROSENFELD, RICHARD B. THOMAS, AND YUNG H. LEE, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. MAY 1969. CONTRACT NUMBER AT-(40-1)-3662. STAR N70-28629.
NR-H8-00-000-00245	THE PAX II PICTURE PROCESSING SYSTEM. TECHNICAL REPORT 68-67. EDGAR B. BUTT AND JAMES W. SNIVELY, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. SEPTEMBER 1969. CONTRACT NUMBER NSG 398. (REVISED VERSION) MICROFICHE AND HARD COPY. STAR N69-40022.
NR-H8-00-000-00246	PICTURE PROCESSING BY COMPUTER. TECHNICAL REPORT 68-71. AZRIEL ROSENFELD, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. JUNE 1968. CONTRACT NUMBER NONR-5144(00). STAR N68-35317. MICROFICHE AND HARD COPY.
NR-H8-00-000-00247	STUDIES IN VISUAL TEXTURE MANIPULATION AND SYNTHESIS, 1. TECHNICAL REPORT 68-64. EDGAR B. BUTT, YUNG H. LEE AND AZRIEL ROSENFELD, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. FINAL REPORT FOR THE PERIOD 15 MAY 1967 - 14 MAY 1968. STAR N68-29373.
NR-H8-00-000-00248	AN APPLICATION OF CLUSTER DETECTION TO TEXT AND PICTURE PROCESSING. TECHNICAL REPORT 68-68. AZRIEL ROSENFELD, V.H. SCHNEIDER, ET AL., UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. JUNE 1968. CONTRACT NUMBER NONR 5144(00).
NR-H8-00-000-00249	NOISE CLEANING IN BINARY-VALUED DIGITAL PICTURES USING PROPAGATION PROCESSES. TECHNICAL REPORT 69-91. AZRIEL ROSENFELD, CHAN M. PARK, ET AL., UNIVERSITY OF MARYLAND COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. MAY 1969. CONTRACT NUMBER AT-(40-1)-3662.
NR-H8-00-000-00250	CONNECTIVITY IN DIGITAL PICTURES. TECHNICAL REPORT 68-81. AZRIEL ROSENFELD, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. NOVEMBER 1968. CONTRACT NUMBER AT-(40-1)-3662.
NR-H8-00-000-00251	SYMPOSIUM ON THERMAL RADIATION OF SOLIDS, SAN FRANCISCO, MARCH 1964. NASA SP-55. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, SCIENTIFIC AND TECHNICAL INFORMATION DIV., WASHINGTON, D.C. 1965. STAR N65-26855.
NR-H8-00-000-00252	LIGHT PROPAGATION IN A TURBULENT ATMOSPHERE. ATD REPORT NO. 67-52. ANDREY POLUSHKIN, AEROSPACE TECHNOLOGY DIV., LIBRARY OF CONGRESS, WASHINGTON, D.C. MARCH 1969. STAR N69-20974.
NR-H8-00-000-00253	INVESTIGATION OF DUST IN THE UPPER ATMOSPHERE BY OPTICAL RADAR. NASA CR-99157. FINAL REPORT - JULY 1966-JULY 1968. GIORGIO FIOCCO, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, RESEARCH LAB. OF ELECTRONICS, CAMBRIDGE, MASS., NOVEMBER 1969. CONTRACT NO. NGR 22-009-(114). STAR N69-15833.
NR-H8-00-000-00254	INVESTIGATION OF AIR-FLOW VELOCITY BY LASER BACKSCATTER-NASA TN D-4453. KENT R. BOURQUIN AND FRED H. SHIGEMOTO, AMES RESEARCH CENTER, MOFFETT FIELD, CALIFORNIA. APRIL 1968 STAR N68-20375.
NR-H8-00-000-00255	THE RADIATION BALANCE OF THE EARTH-ATMOSPHERE SYSTEM FROM RADIATION MEASUREMENTS OF THE NIMBUS II METEOROLOGICAL SATELLITE. NASA TN D-4589. ERHARD RASCHKE, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. JULY 1968. STAR N68-28222.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00256	PRODUCTION OF PHOTOGRAPHIC RELIEF IMAGES WITH ARBITRARY PROFILE. HOWARD M. SMITH, EASTMAN KODAK CO., ROCHESTER, NEW YORK. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 59, NO. 11, 1969. PP.1492-1494.
NR-H8-00-000-00258	RESONANCE AMPLIFICATION AND VISCOUS ATTENUATION OF ATMOSPHERIC ROW WAVES. EUGENE M. WILKINS, LING-TEMCO-VOUGHT, INC., DALLAS, TEXAS, AND YOSHIKAZU SASAKI, UNIVERSITY OF OKLAHOMA, NORMAN, OKLAHOMA. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 74, NO. 23, OCTOBER 1969. PP.5418-5424.
NR-H8-00-000-00259	ELECTRICITY OF THE FREE ATMOSPHERE. (TRANSLATED FROM RUSSIAN) I.M. IMYANITOV AND E.V. CHUBARINA, MAIN ADMINISTRATION OF THE HYDROMETEOROLOGICAL SERVICE OF THE USSR COUNCIL OF MINISTERS, MAIN GEOPHYSICAL OBSERVATORY. 1967. STAR N68-10079.
NR-H8-00-000-00260	PUBLICATIONS OF THE JET PROPULSION LABORATORY. BIBLIOGRAPHY 39-10. JULY 1968 THROUGH JUNE 1969. JET PROPULSION LAB., CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. OCTOBER 31, 1969.
NR-H8-00-000-00261	AUTOMATIC PATTERN RECOGNITION FOR CLINICAL MEDICINE. ROBERT S. LEDLEY, NATIONAL BIOMEDICAL RESEARCH FOUNDATION, SILVER SPRING, MARYLAND. PUBLISHED IN PROCEEDINGS OF THE IEEE, VOL. 57, NO. 11, NOV. 1969. PP.2017-2035.
NR-H8-00-000-00262	AN EXPERIMENT IN THE USE OF SATELLITE DATA FOR THE STUDY OF SECULAR VARIATIONS. G.I. KOLOMIYTSEVA AND L.O. TYURMINA, INSTITUTE OF TERRESTRIAL MAGNETISM, IONOSPHERE AND RADIO WAVE PROPAGATION, ACADEMY OF SCIENCES, USSR. PUBLISHED IN JOURNAL OF GEOMAGNETISM AND AERONOMY, VOL. 8(6), 1968. PP.863-866.
NR-H8-00-000-00263	BIBLIOGRAPHY OF SOVIET PUBLICATIONS ON ROCKET AND SATELLITE INVESTIGATIONS OF THE UPPER ATMOSPHERE AND OUTER SPACE IN 1964. TRANSLATIONS OF THE RUSSIAN BIBLIOGRAPHY OF A REPORT PRESENTED AT COSPAR, 8TH, BUENOS AIRES, MAY 1965. PP.82-117. STAR N65-27664.
NR-H8-00-000-00264	SCATTERING OF LIGHT IN A TURBID MEDIUM. NASA TT F-477. K.S. SHIFRIN, MAIN GEOPHYSICAL OBSERVATORY, VOYEYKOV, LENINGRAD, USSR. ENGLISH TRANSLATION 1968. CONTRACT NUMBER NASW-1496. STAR N68-22462.
NR-H8-00-000-00265	THE APOLLO SPACECRAFT. A CHRONOLOGY. VOL. I, THROUGH NOV. 7, 1962. NASA SP-4009. IVAN D. ERTEL AND MARY LOUISE MORSE, NASA/OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1969.
NR-H8-00-000-00266	THE INFERENCE OF THE CHARGE DISTRIBUTION IN THUNDERSTORMS FROM AIRBORNE MEASUREMENTS OF THE ELECTRIC FIELD. ELMER L. SCHULMAN, ATMOSPHERIC PHYSICS AND CHEMISTRY LABORATORY, ESSA RESEARCH LAB., BOULDER, COLORADO. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 8, NO. 5, OCT. 1969. PP.820-824.
NR-H8-00-000-00267	PROPAGATION OF CENTIMETER, MILLIMETER, AND SUB-MILLIMETER WAVES IN THE EARTH'S ATMOSPHERE. S.A. ZHEVAKIN, ET AL., USSR. TRANSLATED FROM IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. RADIOFIZIKA (GORKI) VOL. 10, NO. 9/10, 1967. PP.1213-1243. MICROFICHE COPY. STAR N70-14862.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00268	DIURNAL VARIATION OF COSMIC RAYS NEAR THE GEOMAGNETIC POLES. S.P. DUGGAL AND M.A. POMERANTZ, BARTOL RESEARCH FOUNDATION OF THE FRANKLIN INSTITUTE, SWARTHMORE, PENNSYLVANIA. PRESENTED AT THE INTERNATIONAL CONFERENCE ON COSMIC RAYS, 8TH, JAIPUR, INDIA, DEC. 2-14, 1963 PROCEEDINGS. VOL. 2.- MODULATION. PP.375-380.
NR-H8-00-000-00269	FURTHER STUDIES IN THE COMBINATION OF GRAVIMETRIC AND SATELLITE DATA. REPORT NO. AFCL-69-0249. RICHARD H. RAPP, DEPT. OF GEODETIC SCIENCE, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. DECEMBER 1968. CONTRACT NO. AF19(62e)-5701. MICROFICHE COPY. STAR N70-12554.
NR-H8-00-000-00270	A STUDY OF GEMINI AND APOLLO PHOTOGRAPHY USERS. ROBERT W. JOSELYN, UNIVERSITY OF DENVER, INDUSTRIAL ECONOMICS DIV., DENVER, COLORADO. OCTOBER 1969. CONTRACT NUMBER NSR 06-004-063.
NR-H8-00-000-00271	VERY LONG BASELINE INTERFEROMETRY. J.L. LOCKE, NATIONAL RESEARCH COUNCIL OF CANADA, RADIO AND ELECTRICAL ENGINEERING DIVISION. PUBLISHED IN SCIENCE JOURNAL, VOL. 5A, NO. 5. NOV. 1969. PP.41-46.
NR-H8-00-000-00272	AIR PHOTOGRAPHY. CYRIL PECKHAM, ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN. PUBLISHED IN THE AERONAUTICAL JOURNAL OF THE ROYAL AERONAUTICAL SOCIETY, VOL. 73, JANUARY 1969. PP.9-19.
NR-H8-00-000-00273	IMAGING OF OBJECTS VIEWED THROUGH A TURBULENT ATMOSPHERE. NASA CR-105397. TECHNICAL REPORT 469. JOHN C. MOLDON, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, RESEARCH LAB. OF ELECTRONICS. MARCH 1969. CONTRACT NO. DA 28-043-AMC-02536(E). STAR N69-35872.
NR-H8-00-000-00274	MAGNETIC FIELDS - EARTH AND EXTRATERRESTRIAL. NASA SP-8017. MARK HARRIS AND ROBERT LYLE, EXOTECH INC., WASHINGTON, D.C. PREPARED FOR GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. MARCH 1969
NR-H8-00-000-00275	AEROSPACE RELATED TECHNOLOGY FOR INDUSTRY. THE PROCEEDINGS OF A TECHNOLOGY UTILIZATION CONFERENCE HELD AT LANGLEY RESEARCH CENTER, HAMPTON, VIRGINIA, MAY 1969. NASA SP-5075. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C.
NR-H8-00-000-00276	SUPPLEMENT TO DATA CATALOG OF SATELLITE EXPERIMENTS NUMBER NSSDC 69-17. REPORT NO. NSSDC 69-17. NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. OCTOBER 1969.
NR-H8-00-000-00278	AN ON-LINE CONVERSATIONAL INFORMATION STORAGE AND RETRIEVAL SYSTEM. A.L. SCHEIDEGGER, GENERAL ELECTRIC CO., APOLLO SYSTEMS DEPT., CAPE CANAVERAL, FLA. PRESENTED AT SPACE, TECHNOLOGY AND SOCIETY, CANAVERAL COUNCIL OF TECHNICAL SOCIETIES, SPACE CONGRESS, 6TH, COCOA BEACH, FLA., MARCH 1969 PROCEEDINGS, VOL. 1, PP.12-21 TO 12-30. MICROFICHE COPY.
NR-H8-00-000-00279	AUTOMATIC RECOGNITION OF PATTERNS. (AVTOMATICHESKOYE OPOZ-AVANIYE OBRAZOV). V.S. FAIN, FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO. AKADEMY NAUK, SSSR. VESTNIK, NO. 10, 1965. PP.127-129. STAR N68-20763. MICROFICHE COPY
NR-H8-00-000-00281	ELECTRICAL STRUCTURE OF THE STRATOSPHERE AND MESOSPHERE. REPORT NO. AIAA TIS 3/13. WILLIS L. WEBB, ARMY ELECTRONICS COMMAND, WHITE SANDS, NEW MEXICO. MARCH 1969. MICROFICHE COPY.

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-HR-00-000-00283	AN ATLAS OF POLARIZATION FEATURES OF LIGHT REFLECTED BY DESERT SAND, WHITE SAND, AND SOIL. REPORT NO. AF-CRL-69-0005 REPORT NO. 3. C.R. NAGARAJA RAO AND HSI-SHU CHEN, UNIV. OF CALIFORNIA, DEPT. OF METEOROLOGY, LOS ANGELES, CALIFORNIA. JANUARY 1969. CONTRACT NO. F19628-67-C-0196. MICROFICHE COPY. STAR N69-33183.
NR-HR-00-000-00286	A REVIEW OF THE IMAGE DISSECTOR METEOROLOGICAL CAMERAS AND A VIEW OF THEIR FUTURE. EDWARD W. KOENIG, ITT CORP, AEROSPACE OPTICAL DIV., FORT WAYNE, INDIANA AND GILBERT A. BRANCH-FLOWER, NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. CONTRACT NO. NAS 5-9619. PUBLISHED IN SPACE, TECHNOLOGY, AND SOCIETY - CANAVERAL COUNCIL OF TECHNICAL SOCIETIES, SPACE CONGRESS, 6TH, COCOA BEACH, FLA., MARCH 1969. PROC. VOL. 1, PP.16-23-16-41. MICROFICHE COPY.
NR-HR-00-000-00288	MOLECULAR RADIATION OF THE UPPER ATMOSPHERE IN THE 3-8 MICRON SPECTRAL REGION. M.N. MARKOV, AKADEMIA NAUK SSSR, FIZIKHESKII INSTITUT, MOSCOW, USSR. PUBLISHED IN APPLIED OPTICS, VOL. 8, MAY 1969. PP.887-891. MICROFICHE COPY.
NR-HR-00-000-00291	A LASER RADAR FOR ATMOSPHERIC STUDIES. PROJECT MIRO II. RELATORIO TECNICO LAPE-83. B.R. CLEMENHA, CONSELHO NACIONAL DE PESQUISAS, COMISSAO NACIONAL DE ATIVIDADES ESPACIAIS, LABORATORIO DE FISICA ESPACIAL, SAO PAULO, BRAZIL. JANUARY 1969. STAR N69-18940
NR-HR-00-000-00293	SPREAD F AND IONOSPHERIC F-REGION IRREGULARITIES. JOHN R. HERMAN, LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION, LOWELL, MASS. PUBLISHED IN LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION JOURNAL, VOL. 2, NO. 2, PP.51-106. 1969. REPRINTED FROM REVIEWS OF GEOPHYSICS, VOL. 4, MAY 1966.
NR-HR-00-000-00294	THE METEOR EXPERIMENTAL SPACE METEOROLOGICAL SYSTEM. NASA-CR-105628. I.M. ANDRONOV, ET AL., (USSR). PRESENTED AT UNITED NATIONS CONFERENCE ON THE EXPLORATION AND PEACEFUL USES OF OUTER SPACE, VIENNA, AUGUST 14-27, 1968. CONTRACT NUMBER NAS 5-14826. STAR N69-36672.
NR-HR-00-000-00295	VARIATIONS IN ELECTRIC FIELDS FROM POLAR ORBITING SATELLITES. NASA-TM-X-63657. N.C. MAYNARD AND J.P. HEPPNER, NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. AUGUST 1969. STAR N69-37026.
NR-HR-00-000-00296	THE ASSESSMENT OF PHOTOGRAPHIC MATERIALS AS DETECTORS OF LOW CONTRAST IMAGES. REPORT NO. WRE-TN-PD-96. F.A. DIXON, ET AL., WEAPONS RESEARCH ESTABLISHMENT, SALISBURY, SOUTH AUSTRALIA. NOVEMBER 1968. STAR N69-36338.
NR-HR-00-000-00297	WEATHER THAT IS NOT VISIBLE FROM EARTH - HIGH-RESOLUTION TELEVISION PHOTOGRAPHY. NASA-CR-105643. N.F. VEL TISHCHEV, (USSR), PRESENTED AT UNITED NATIONS CONFERENCE ON THE EXPLORATION AND PEACEFUL USES OF OUTER SPACE, VIENNA, AUGUST 1968. STAR N69-36275.
NR-HR-00-000-00298	WRESTAR-A. WEAPONS RESEARCH ESTABLISHMENT SMALL TARGET AIR-CRAFT RECORDER TYPE A. REPORT NO. WRE-TN-PD-98. F. SPENCER, WEAPONS RESEARCH ESTABLISHMENT, SALISBURY, SOUTH AUSTRALIA. FEBRUARY 1969. STAR N69-36245.
NR-HR-00-000-00299	THE ROLE OF MINOR ATMOSPHERE ADMIXTURES IN THE ABSORPTION OF INFRARED RADIATION. NASA-CR-105718. B.P. KOZYREV, (USSR). PUBLISHED IN FIZIKA ATMOSFERY I OKEANA, MOSCOW, VOL. 5, NO. 7, 1969. PP.738-744. STAR N69-36448.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00300	MODELS OF EARTH'S ATMOSPHERE (120 TO 1000 KM). NASA SP-8021. D.K. WEIDNER, ET AL., GEORGE C. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. MAY 1969.
NR-H8-00-000-00301	AIRBORNE MEASUREMENTS OF THE IONOSPHERE. FINAL REPORT FOR PERIOD COVERING NOV. 1964 - OCT. 1967. REPORT NUMBER AF-CRL-68-0106. K. BIBL, J. BUCHAU, ET AL., LOWELL TECHNOLOGICAL INSTITUTE RESEARCH FOUNDATION, LOWELL, MASS. JANUARY 1968. CONTRACT NUMBER AF19(628)-4801.
NR-H8-00-000-00302	SPATIAL SURVEILLANCE OF NATURAL RESOURCES. LIBRARY BIBLIOGRAPHY NO. 308. COMPILED BY D.I. RAITT, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, ENGLAND. JANUARY 1969. STAR N69-22801. W71-00452
NR-H8-00-000-00303	METEOROLOGICAL SATELLITE INSTRUMENTATION AND DATA PROCESSING. NASA CR-103678. FINAL REPORT. VERNER E. SUOMI, AND ROBERT J. PARENT, UNIVERSITY OF WISCONSIN, DEPT. OF METEOROLOGY, MADISON, WISCONSIN. DECEMBER 1968. CONTRACT NUMBER NASW-65. STAR N69-33576.
NR-H8-DJ-998-00307	MANUAL OF MULTIBAND PHOTOGRAPHY. PARTS I AND II. ROBERT N. COLWELL, WITH CONTRIBUTIONS BY PHILIP N. SLATER, EDWARD YOST AND SONDRÁ WENDEROTH, UNIVERSITY OF CALIFORNIA, SCHOOL OF FORESTRY, BERKELEY, CALIFORNIA. JUNE 1968. CONTRACT NUMBER 05-003-080.
NR-H8-00-000-00308	PERFORMANCE AND COST OF FLIGHT FUNCTIONS. F.L. CORTEN, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. PRESENTED AT INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND, JULY 1968, PROCEEDINGS. MICROFICHE COPY.
NR-H8-00-000-00309	AIRCRAFT HYGROMETER FLIGHT TEST. FINAL REPORT, AUG. 67-OCT. 69. REPORT NOS. HONEYWELL-12089-FRI AND AF-CRL-69-0511. LYLE E. KOEHLER, HONEYWELL, INC., ST. PAUL, MINN. NOV. 1969 CONTRACT NO. F19628-68-C-0066. MICROFICHE COPY. AD-700 096 N70-25861.
NR-H8-00-000-00310	TECHNIQUES, EVALUATION AND APPLICATIONS OF AUXILIARY DATA IN AERIAL TRIANGULATION. H.G. JERIE, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. PRESENTED AT INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND. JULY 1968. MICROFICHE COPY.
NR-H8-00-000-00311	MICRO-MINI MEDIA. GILBERT E. STEGALL, NATIONAL WEATHER RECORDS CENTER, ASHEVILLE, N.C. PUBLISHED IN WORLD METEOROLOGICAL ORGANIZATION JOURNAL, 1969. PP.31-38. STAR N69-36587.
NR-H8-00-000-00313	AUTOMATIC DISCRIMINATOR OF DISTORTED IMAGES. (ОБ ОДНОМ УСТРОЙСТВЕ АВТОМАТИЧЕСКОГО РАЗЛИЧЕНИЯ ИСКАЖЕННЫХ (ЗОМ-РАЗЖЕНИИ) RUSSIAN TRANSLATION. V.K. POTOKII, LENINGRADSKIY INSTITUT AVIATSIONNOGO PRIHOROSTROENIYA, LENINGRAD, USSR. PUBLISHED IN PRIHOROSTROENIE, VOL. 12, NO. 6, 1969. PP.48-50. MICROFICHE COPY.
NR-H8-00-000-00314	ELECTRONICALLY TUNABLE ACOUSTO-OPTIC FILTER. S.E. HARRIS, S.T.K. NIEH, ET AL., STANFORD UNIVERSITY, MICROWAVE LAB., STANFORD, CALIFORNIA. PUBLISHED IN APPLIED PHYSICS LETTERS, VOL. 15, NO. 10, NOVEMBER 1969. PP.325-326.
NR-H8-00-000-00315	APPLICATIONS OF AMPLITUDE-MODULATED RETICLE TO IMAGE-ANGULAR-VELOCITY SENSING AND OTHER PURPOSES. SUTEO TUTUMI, KYOTO TECHNICAL UNIVERSITY, KYOTO, JAPAN. PUBLISHED IN ELECTRONICS AND COMMUNICATIONS IN JAPAN, VOL. 51-C, NO. 2, FEB. 1968. PP.100-108.

RELEVANT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00316	PARTICLE-SIZE DETERMINATION BY LOW-ANGLE LIGHT SCATTERING - NEW INSTRUMENTATION AND A RAPID METHOD OF INTERPRETING DATA. P.J. LIVESSEY AND P.W. BILLMEYER, JR., RENSSELAER POLYTECHNIC INSTITUTE, DEPT. OF CHEMISTRY, TROY, N.Y. PUBLISHED IN JOURNAL OF COLLOID AND INTERFACE SCIENCE, VOL. 30, NO. 4, AUG. 1969. PP.447-472.
NR-H8-00-000-00317	PRIMARY CADMIUM TELLURIDE AS A 1-20UM WAVELENGTH INFRARED DETECTOR FOR SPACE APPLICATIONS. RICHARD D. PACKARD, NASA/ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. PUBLISHED IN AIAA JOURNAL, VOL. 7, NO. 8, AUG. 1969. PP.1570-1573.
NR-H8-00-000-00322	STUDY AND ANALYSIS OF POSITION DATA ACQUISITION TECHNIQUES FOR OVER-OCEAN AIR TRAFFIC CONTROL. FINAL REPORT. LYLE D. FILKINS, ET AL., UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, ANN ARBOR, MICHIGAN. DECEMBER 1963.
NR-H8-00-000-00323	CLEAR AIR TURBULENCE - A BIBLIOGRAPHY 1950-1967, FINAL REPORT. DOROTHY E. BULFORD, FEDERAL AVIATION ADMINISTRATION, NATIONAL AVIATION FACILITIES EXPERIMENTAL CENTER, ATLANTIC CITY, NEW JERSEY. MAY 1968. STAR N69-24020. AD-667 731. MICROFICHE COPY.
NR-H8-00-000-00324	TECHNICAL AND ORGANIZATIONAL REQUIREMENTS FOR EACH OBSERVATIONAL SATELLITE PROGRAMME. B. M.S.S. PRESENTED AT THE BRITISH INTERPLANETARY SOCIETY AND SATO, INTERNATIONAL SUMMER SCHOOL ON EARTH RESOURCES SURVEY SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969. A69-38622. MICROFICHE COPY. STAR N70-10580 A69-38622
NR-H8-00-000-00325	MILLSTONE AND MAYSTOCK SCIENTIFIC AND TECHNICAL PUBLICATIONS. MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LEXINGTON, MASSACHUSETTS. APRIL 1968. CONTRACT NO. AF19(628)-5167. AD-668 435. MICROFICHE COPY.
NR-H8-00-000-00326	MOLECULAR BACKSCATTER OF LASER RADIATION FROM TURBULENT AIR. O.P. SHARMA AND S.S. PENNER, UNIVERSITY OF CALIFORNIA, SAN DIEGO AND LA JOLLA, CALIFORNIA. REPRINTED FROM AIAA JOURNAL, VOL. 6, NO. 10, OCT. 1968. PP.2035-2037. AD-682 155. MICROFICHE COPY.
NR-H8-00-000-00328	METHODS OF ESTIMATING INFRARED FLUX AND SURFACE TEMPERATURES FROM METEOROLOGICAL SATELLITES. D.G. WARK, ET AL., U.S. WEATHER BUREAU, WASHINGTON, D.C. PUBLISHED IN JOURNAL OF ATMOSPHERIC SCIENCES, VOL. 19, 1962. PP.369-384.
NR-H8-00-000-00329	PHOTOCHEMICS. ZOLTAN J. KISS. PUBLISHED IN PHYSICS TODAY, VOL. 23, NO. 1, JAN. 1970. PP.42-49.
NR-H8-00-000-00330	CLOUD AND TERRESTRIAL ALBEDO DETERMINATION FROM TIROS SATELLITE PICTURES. J.H. CONOVER, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 4, NO. 3, JUNE 1965. PP.378-386.
NR-H8-00-000-00331	ON THE INFRARED TRANSMISSION THROUGH CIRRUS CLOUDS AND THE ESTIMATION OF RELATIVE HUMIDITY FROM SATELLITES. S. FRITX AND P. KRISHNA RAO, NATIONAL ENVIRONMENTAL SATELLITE CENTER, ESSA, WASHINGTON, D.C. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 6, DEC. 1967. PP.1088-1096.
NR-H8-00-000-00332	IONOSPHERIC RESEARCH USING SATELLITES. ANNUAL SUMMARY REPORT, OCT. 1967-OCT. 1968. ARTHUR W. HUNTER AND RAYMOND F. KELLNER, UNIVERSITY COLLEGE, DEPT. OF PHYSICS, NAIROBI, KENYA. NOV. 1968. CONTRACT NO. AF61(052)-909. STAR N69-37167. AD-711403 MICROFICHE AND HARD COPY.

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00333	EFFECT OF DISPARITY IN PHOTO SCALE AND ORIENTATION ON CHANGE DETECTION. REPORT NO. 206. C.L. KLINGBERG, C.L. ELWORTH, ET AL., THE BOEING CO., SEATTLE, WASHINGTON. JANUARY 1969. STAR N69-37752.
NR-H8-00-000-00335	COMPARISON OF AIRBORNE AND GROUND BASED WEATHER RADARS. LESTER P. MERRITT, ESSA, NATIONAL SEVERE STORMS LABORATORY, NORMAN, OKLAHOMA. PUBLISHED IN APPLIED METEOROLOGY, VOL. 8, NO. 6, DEC. 1969. PP.963-974.
NR-H8-00-000-00336	REPORTS PRESENTED AT THE SATELLITE RESEARCH SEMINAR, OULU UNIVERSITY, OULU, FINLAND, JAN. 1969. OULU UNIVERSITY, OULU, FINLAND. STAR N69-39288-N69-39295. MICROFICHE COPY.
NR-H8-00-000-00337	JAHRESBERICHT 1967 DES INSTITUTS FUER SATELLITEN- U. WELTRAUMFORSCHUNG. (ANNUAL REPORT 1967 OF THE INSTITUTE OF SATELLITE AND SPACE RESEARCH). H. KAMINSKI, STERNWARTE DER STADT BOCHUM (BOCHUM OBSERVATORY), WEST, GERMANY. 1968. STAR N69-38150. MICROFICHE COPY.
NR-H8-00-000-00338	DETERMINATION OF INTEGRAL ELECTRON CONCENTRATION. (OB OPRE-DELENII INTEGRALNOI ELEKTRONNOI KONTSENTRATSII) RUSSIAN TRANSLATION. M.D. FLIGEL, AKADEMIY NAUK SSSR, INSTITUT ZEMNOGO MAGNETIZMA, IONOSFERA I RASPROSTRANENIIA RADIOVOLN, KRASNAYA PAKHRA, USSR. PUBLISHED IN GEOMAGNETIZM I AERONOMIYA, VOL. 9, NO. 4, 1969. PP.748-750. MICROFICHE COPY.
NR-H8-00-000-00340	TELSTAR I. NASA SP-32. VOL. I THRU IV. NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. JUNE 1963, VOL. I - STAR N64-10868. JUNE 1963, VOL. II - STAR N64-10882. JUNE 1963, VOL. III - STAR N64-11079. DEC. 1965, VOL. IV (WITH A SUPPLEMENT ON TELSTAR II) - STAR N67-12301.
NR-H8-00-000-00341	A METHOD FOR RELATING SATELLITE PHOTOGRAPHS TO LOCATIONS. M. NAZIROV, USSR. TRANSLATION OF METEOROLOGIYA I GIDROLOGIYA (USSR), NO. 5, 1969. PP.89-91. AD-700 355. MICROFICHE COPY. N70-40308
NR-H8-00-000-00342	DATA CATALOG OF SATELLITE EXPERIMENTS, NO. NSSDC 69-17. SUPPLEMENT TO NSSDC 69-01. NATIONAL SPACE SCIENCE DATA CENTER, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. OCTOBER 1969.
NR-H8-00-000-00344	INFRARED DETECTORS - SPECIAL INTEREST BIBLIOGRAPHY WITH ABSTRACTS. TECHNICAL REPORT RSC-05. RICHARD H. ARNOLD, TEXAS A + M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. SEPTEMBER 1969. NASA-CR-114177. N70-42665. MICROFICHE AND HARD COPY.
NR-H8-00-000-00347	CONNECTION BETWEEN ASCENDING TERRESTRIAL AND TROPOSPHERIC INFRARED RADIATION FLUX AND MEAN-ENERGY TEMPERATURE LEVELS. G.N. KOSTYANOV, USSR. PUBLISHED IN IZVESTIYA ACADEMY OF SCIENCES, USSR. ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 1, 1965. PP.401-415.
NR-H8-00-000-00349	A GENERALIZED CLUTTER COMPUTATION PROCEDURE FOR AIRBORNE PULSE DOPPLER RADARS. ALAN L. FRIEDLANDER AND LARRY J. GREENSTEIN, IIT RESEARCH INSTITUTE, CHICAGO, ILL. PUBLISHED IN IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, VOL. AES-6, NO. 1, JAN. 1970. PP.51-61.
NR-H8-GJ-167-00350	BALLOON-BORNE RADIO ALTIMETER. NADAV LEVAMON, UNIVERSITY OF WISCONSIN, SPACE SCIENCE AND ENGINEERING CENTER, MADISON, WISCONSIN. PUBLISHED IN IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-8, NO. 1, JAN. 1970. PP.19-30. ALSO IN METEOROLOGICAL MEASUREMENTS FROM SATELLITE PLATFORMS, UNIVERSITY OF WISCONSIN, SPACE SCIENCE AND ENGINEERING CENTER ANNUAL REPORT 1968-69, AUG. 1970, PP.347-377. N71-11624 A70-19996. MICROFICHE AND HARD COPY.


## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00351	SOME PROBLEMS OF THE EARTH'S MAGNETOSPHERE PHYSICS. A.I. ERSHKOVICH, G.A. SKURIDID, ET AL., USSR, ACADEMY OF SCIENCES MOSCOW. PUBLISHED IN SPACE SCIENCE REVIEWS, VOL. 10, NO. 2, NOV. 1969. PP.252-290.
NR-H8-00-000-00353	VISUALIZATION OF MOVABLE GASEOUS OBJECTS. CONTRIBUTION ON THE APPLICATION POSSIBILITIES OF SCHLIEREN METHODS AND HOLOGRAPHY TO HYPersonic PROCESSES IN FREE-FLIGHT FACILITIES. P. SMIGIELSKI, INSTITUT FRANCO-ALLEMAND DE RECHERCHES, ST. LOUIS, FRANCE. FEBRUARY 1969. MICROFICHE COPY. STAR N69-36109.
NR-H8-HR-000-00354	INVENTARIO CAFEIEIRO - PESQUISA COM FOTOGRAFIAS AEREAS NAS REGIOES CAFEICULTORAS DO ESTADO DE SAO PAULO, A ESTE DE 48 GRADOS W. MINISTERIO DA INDUSTRIA E DO COMERCIO INSTITUTO BRASILEIRO DO CAFE, GRUPO EXECUTIVO DE RACIONALIZACAO DA CAFEICULTURA, SERVICO DE FOTOINTERPRETACAO. RIO DE JANEIRO, BRASIL. 1968.
NR-H8-00-000-00355	GEOHEIVER - AN INTEGRATED DOPPLER GEODETIC RECEIVER. TECHNICAL MEMORANDUM TG-710 (REV.) T.A. STANSELL, W.A. BOURQUIGNON, ET AL., THE JOHNS HOPKINS UNIVERSITY, APPLIED PHYSICS LAB., SILVER SPRING, MD. NOVEMBER 1968. STAR N69-26210.
NR-H8-00-000-00357	VARIANCE SPECTRUM ANALYSIS. REPORT NO. 8. AMOS EDDY, CLAUDE E. DUCHON, ET AL., UNIVERSITY OF TEXAS, ATMOSPHERIC SCIENCE GROUP, AUSTIN, TEXAS. MARCH 1968.
NR-H8-00-000-00358	THE U.M.-BENDIX SCINTILLATION CAMERA. W. LESLIE ROGERS, ET AL., BENDIX AEROSPACE SYSTEMS DIV., ANN ARBOR, MICHIGAN. PUBLISHED IN BIOMEDICAL SCIENCES INSTRUMENTATION, VOL. 6, 1969. PP.246-255.
NR-H8-00-000-00359	DIRECT MEASUREMENTS OF THE EARTH'S GRAVITATIONAL POTENTIAL USING A SATELLITE PAIR. MILO WOLFF, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. PUBLISHED IN GEOPHYSICAL RESEARCH, VOL. 74, NO. 22, OCT. 1969. PP.5295-5300.
NR-H8-00-000-00360	COMPUTATION OF TOPSIDE IONOGRAMS FROM N(H) PROFILES. NASA TN D-5052. LAWRENCE COLIN, KWOK-LONG CHAN, ET AL., AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. APRIL 1969. STAR N69-23557.
NR-H8-00-000-00361	A TECHNIQUE TO INFER ATMOSPHERIC TEMPERATURE FROM HORIZON RADIANCE PROFILES. NASA TN D-5068. THOMAS B. MCKEE, RUTH I. WHITMAN, ET AL., LANGLEY RESEARCH CENTER, LANGLEY STATION, HAMPTON, VA. FEBRUARY 1969. STAR N69-19024.
NR-H8-00-000-00362	OPTICAL PROCESSING OF RADIONUCLIDE IMAGES. ROBERT N. BECK, DEPT. OF RADIOLOGY, ARGONNE CANCER RESEARCH HOSPITAL, CHICAGO, ILL. PUBLISHED IN BIOMEDICAL SCIENCES INSTRUMENTATION, VOL. 6, 1969. PP.241-247.
NR-H8-00-000-00363	INFRARED HOLOGRAPHY AT 10.6UM. JAY S. CHIVIAN, ET AL., LING-TENCO-VOUGHT, INC., DALLAS, TEX. PUBLISHED IN APPLIED PHYSICS LETTERS, VOL. 15, NO. 4, AUG. 1969. PP.123-125.
NR-H8-00-000-00364	THE SEMI-ANNUAL VARIATION IN THE UPPER ATMOSPHERE - A REVIEW. G.E. COOK, MINISTRY OF TECHNOLOGY, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, HANTS, ENGLAND. PUBLISHED IN ANNALES DE GEOPHYSIQUE, TOM. 25, FASC. 2, APR.-JUNE 1969. PP.451-469.



## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

Reproduced from  
best available copy.



ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00365	OPTICAL RESTORATION OF IMAGES BLURRED BY ATMOSPHERIC TURBULENCE USING OPTIMUM FILTER THEORY. J.L. HORNER, CONDUCTION CORP., ANN ARBOR, MICHIGAN. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 1, JAN. 1970. PP.167-171.
NR-H8-00-000-00366	EFFECT OF A SUDDEN CHANGE IN TERRAIN HEIGHT ON THE THREE-DIMENSIONAL LOW-LEVEL AIR FLOW, AS ESTIMATED FROM TETROOM FLIGHTS. W.H. HOECKER, ET AL., AIR RESOURCES LAB., ESSA, SILVER SPRING, MD. PUBLISHED IN MONTHLY WEATHER REVIEW, VOL. 97, NO. 12, DEC. 1969. PP.845-849.
NR-H8-00-000-00367	A DUAL-PURPOSE SCHLIEREN SYSTEM. T.G.L. SHIRTCLIFFE, DEPT. OF PHYSICS, VICTORIA UNIVERSITY OF WELLINGTON, NEW ZEALAND. PUBLISHED IN JOURNAL OF SCIENTIFIC INSTRUMENTS (JOURNAL OF PHYSICS E) SERIES 2, VOL. 2, NO. 11, NOV. 1969. PP.963-966.
NR-H8-00-000-00368	SYMPOSIUM ON THE THEORY AND MEASUREMENT OF ATMOSPHERIC TURBULENCE AND DIFFUSION IN THE PLANETARY BOUNDARY LAYER. ALBUQUERQUE, NEW MEXICO, DEC. 5-7, 1967. SANDIA LABORATORY, ALBUQUERQUE, NEW MEXICO. MAY 1968. STAR N69-35102 AND N69-35115.
NR-H8-00-000-00369	SCATTER PROPAGATION OF RADIO WAVES. PART I AND II. AGARD CONFERENCE PROCEEDINGS NO. 37. NORTH ATLANTIC TREATY ORGANIZATION, ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT. PAPERS PRESENTED AT THE SYMPOSIUM OF ELECTRO-MAGNETIC WAVE PROPAGATION COMMITTEE OF THE AVIONICS PANEL OF AGARD, 14TH, SANDEFJORD, NORWAY, AUG. 1968. PART I, STAR N69-22576, PART II, STAR N69-22605.
NR-H8-00-000-00370	RADIATION FROM NONISOTHERMAL GASES. GILBERT N. PLASS, TEXAS A + M UNIVERSITY, DEPT. OF PHYSICS, COLLEGE STATION, TEXAS. REPRINTED FROM APPLIED OPTICS, VOL. 6, NO. 11, NOV. 1967. PP.1995-1999.
NR-H8-00-000-00371	INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS. GEORGE W. KATTAWAR AND GILBERT N. PLASS, TEXAS A + M UNIVERSITY, DEPT. OF PHYSICS, COLLEGE STATION, TEXAS. REPRINTED FROM APPLIED OPTICS, VOL. 7, NO. 5, MAY 1968. PP.869-878.
NR-H8-00-000-00372	INFRARED CLOUD RADIANCE. GEORGE W. KATTAWAR AND GILBERT N. PLASS, TEXAS A + M UNIVERSITY, DEPT. OF PHYSICS, COLLEGE STATION, TEXAS. REPRINTED FROM APPLIED OPTICS, VOL. 8, NO. 6, JUNE 1969. PP.1169-1178.
NR-H8-00-000-00373	THE USE OF CLOUD-TYPE STATISTICS IN THE DESIGN OF EARTH VIEWING SENSORS. J.R. GREAVES AND P.E. SHERR, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. JAN. 1970. PRESENTED AT THE 8TH AEROSPACE SCIENCE MEETING OF THE AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS. NEW YORK, N.Y. JAN.19-21, 1970. AIAA PAPER NO. 70-196.
NR-H8-00-000-00374	INVESTIGATION OF ATMOSPHERIC ABSORPTION FOR REMOTE SENSING APPLICATIONS. FINAL REPORT, NO. 01427-1-F. S.R. DRAYSON, UNIVERSITY OF MICHIGAN, COLLEGE OF ENGINEERING, ANN ARBOR, MICHIGAN. MAY 1969. CONTRACT NUMBER E-71-68(N). STAR N70-10292.
NR-H8-00-000-00375	DYNAMIC STRUCTURE OF THE LOWER ATMOSPHERE. RESEARCH AND DEVELOPMENT TECHNICAL REPORT ECOM-6706-F. J.A. BUSINGER, A.S. FRISCH AND K.H. BERGMAN, UNIVERSITY OF WASHINGTON, DEPT. OF ATMOSPHERIC SCIENCES, SEATTLE, WASHINGTON. AUGUST 1968.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00376	REMOTE SENSING ATMOSPHERIC OZONE USING THE 9.6 MICRON REGION. NASA TM-X-63733. C. PRABHAKARA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. SEPT. 1969. STAR N70-11240. A70-38262. IN JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 27, JULY 1970, PP.689-697.
NR-H8-00-000-00377	INFRARED AND VISUAL RADIATION MEASUREMENTS FROM TIROS III. RAYMOND WEXLER, ARACON GEOPHYSICS CO., CONCORD, MASS. PUBLISHED IN APPLIED OPTICS, VOL. 3, NO. 2, FEB. 1964. PP.215-220
NR-H8-00-000-00378	WORLD-WIDE CLOUD COVER DISTRIBUTIONS FOR USE IN COMPUTER SIMULATIONS. FINAL REPORT JAN. 1967 - JAN. 1968. NASA CR-61226. PAUL E. SHERR, ARNOLD H. GLASER, JAMES C. BARNES AND JAMES H. WILLAND, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. JUNE 1968. CONTRACT NO. NAS 8-21040. STAR N68-32282
NR-H8-00-000-00379	COMPUTER PROCESSING OF SATELLITE PICTURES. TECHNICAL MEMORANDUM NESCIM-3. C.L. BRISTOR, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WASHINGTON, D.C. APRIL 1968.
NR-H8-00-000-00381	SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 209. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. JULY 1969. STAR N70-10127-N70-10132. MICROFICHE COPY.
NR-H8-00-000-00382	AFCLR TETHERED BALLOON WORKSHOP, OCTOBER 1967, PROCEEDINGS. THOMAS W. KELLY, AIR FORCE CAMBRIDGE RESEARCH LABS., AERO-SPACE INSTRUMENTATION LAB., BEDFORD, MASSACHUSETTS, OCT. 1967. REPORT NO. AFCLR-68-0097, AFCLR SPECIAL REPORTS, NO. 72. STAR N69-35301-N-69-35320. AD-676 037. MICROFICHE COPY.
NR-H8-00-000-00383	THE APPLICATION OF POLARIZATION METHODS TO RADAR STUDIES OF CLOUDS AND PRECIPITATION. A.G. SHUPIATSKII AND S.P. MORGUNOV, USSR, AIR FORCE CAMBRIDGE RESEARCH LAB., RESEARCH LIBRARY, L.G. HANSCOM FIELD, BEDFORD, MASS. TRANSLATION OF TRUDY VSESOTUZHNOE NAUCHNOE METEOROLOGICHESKOE SOVESHCHANIE, Leningrad, VOL. 5, 1963. PP.295-305. REPORT NO. AFCLR-68-0483. AD-678 045. MICROFICHE COPY.
NR-H8-00-000-00385	ALTITUDE PROFILE OF THE INFRARED ATMOSPHERIC SYSTEM OF OXYGEN IN THE DAYGLOW. W.F.J. EVANS AND D.M. HUNTER, ET AL. SASKATCHEWAN UNIVERSITY, SASKATOON, CANADA. CONTRACT NO. AF19(628)-5720. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, SPACE PHYSICS, VOL. 73, NO. 9, MAY 1968. PP.2885-2896. MICROFICHE COPY. AD-678 847.
NR-H8-00-000-00386	BIBLIOGRAPHY OF BIBLIOGRAPHIES IN THE DDC COLLECTION. VOL. VII OF VIII VOLUMES. (SUPPLEMENT TO AD-410 397). DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. SEPT. 1968. MICROFICHE COPY. AD-677 025.
NR-H8-00-000-00387	BIBLIOGRAPHY OF BIBLIOGRAPHIES IN THE DDC COLLECTION. VOLUME VI OF VIII VOLUMES. (SUPPLEMENT TO AD-410 397). DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. AUG. 1968. MICROFICHE COPY. AD-677 015.
NR-H8-EJ-114-00388	DISTRIBUTION OF WATER VAPOR IN THE STRATOSPHERE AS DERIVED FROM SETTING SUN ABSORPTION DATA. D.G. MURRAY, ET AL., UNIVERSITY OF DENVER, DENVER, COLORADO. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 74, NO. 23, OCT. 1969. PP.5369-5373.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00389	PLANIMETRIC MAP COMPILATION WITH TRIMETRICOLON PHOTOGRAPHS. CHAPTER 3G1, BOOK 3. TOPOGRAPHIC INSTRUCTIONS OF THE UNITED STATES GEOLOGICAL SURVEY, TOPOGRAPHIC DIVISION.
NR-H8-00-000-00390	NACHRICHTEN AUS DEM KARTEN-UND VERMESSUNGSWESEN. REIHE 1, DEUTSCHE BEITRÄGE UND INFORMATIONEN, HEFT NR. 40. CARTOGRAPHIC AND GEODETIC SURVEYING REPORTS. SERIES 1, GERMAN CONTRIBUTIONS AND INFORMATION NO. 40, 1969. INSTITUT FUER ANGEWANDTE GEODÄSIE, WEST GERMANY. STAR N69-38375.
NR-H8-00-000-00391	CONFERENCE NUMERICAL TOPOGRAPHIC DATA AND OTHER NEW MAP PRODUCTS, FORT BELVOIR, VIRGINIA, MAY 1966. DEPARTMENT OF THE ARMY, OFFICE OF CHIEF ENGINEERS, WASHINGTON, D.C. STAR X68-82414.
NR-H8-00-000-00392	LASER GLASS. F.W. GUELLE, OFFICE OF NAVAL RESEARCH, BOSTON, MASS. PUBLISHED IN NAVAL RESEARCH REVIEWS, VOL. 23, NO. 2, FEB. 1970. PP.24-26.
NR-H8-00-000-00393	IMAGES FROM ANNULAR APERTURES. F. GORI, ET AL., UNIVERSITY OF ROME, ITALY. PUBLISHED IN PHYSICS LETTERS, VOL. 31A, NO. 3, FEB. 1970. PP.131-132.
NR-H8-00-000-00394	MODELS OF THE TRAPPED RADIATION ENVIRONMENT. VOLUME I, INNER ZONE PROTONS AND ELECTRONS. NASA SP-3024-VOL. I. 1966. JAMES I. VETTE, AEROSPACE CORP., EL SEGUNDO, CALIFORNIA. CONTRACT NO. AF 04(695)-469. STAR N66-16054.
NR-H8-00-000-00395	MODELS OF THE TRAPPED RADIATION ENVIRONMENT. VOLUME II, INNER AND OUTER ZONE ELECTRONS. NASA SP-3024-VOL. II. 1966. JAMES I. VETTE, ET AL., AEROSPACE CORP., EL SEGUNDO, CALIF. CONTRACT NO. AF 04(695)-469. STAR N66-35685.
NR-H8-00-000-00396	MODELS OF THE TRAPPED RADIATION ENVIRONMENT. VOLUME III, ELECTRONS AT SYNCHRONOUS ALTITUDES. NASA SP-3024-VOL. III. JAMES I. VETTE, ET AL., AEROSPACE CORP., EL SEGUNDO, CALIF. 1967. CONTRACT NO. AF 04(695)-469. STAR N67-19899.
NR-H8-00-000-00397	MODELS OF THE TRAPPED RADIATION ENVIRONMENT. VOLUME IV, LOW ENERGY PROTONS. NASA SP-3024-VOL. IV. JOSEPH H. KING, AEROSPACE CORP., EL SEGUNDO, CALIF. 1967. STAR N67-36447.
NR-H8-00-000-00398	MODELS OF THE TRAPPED RADIATION ENVIRONMENT. VOLUME V, INNER BELT PROTONS. NASA SP-3024-VOL. V. JAMES P. LAVINE, WOLF RESEARCH AND DEVELOPMENT CORP., WEST CONCORD, MASS. AND JAMES I. VETTE, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. STAR N69-28911.
NR-H8-00-000-00399	A DEVICE FOR AUTOMATIC IDENTIFICATION OF THE COLOR OF OBJECT. V.A. FESECHKO AND A.I. PETRENKO, USSR. TRANSLATION OF IZVESTIYA VYSSHIKH UCHEBNIKH ZAVEDENLY. RADIOELEKTRONIKA VOL. 10, NO. 8, 1967. PP.801-808. MICROFICHE COPY. AD-886 086.
NR-H8-00-000-00400	FACTORS AFFECTING THE APT PICTURE QUALITY. REPORT NO. AFRL-68-0517. INSTRUMENTATION PAPERS NO. 149. ROBERT F. MYERS, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. MICROFICHE COPY. AD-679 532.
NR-H8-00-000-00401	DIELECTRIC CHARACTERISTICS OF RF SPUTTERED OXIDE FILMS. REPORT NO. ECOM-3173. I.H. PRATT AND J.J. MCCARTHY, ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N.J. SEPT. 1969. MICROFICHE COPY. AD-695 629.
NR-H8-00-000-00402	PROBLEM H01-32 - AIRBORNE RADIAC. PROGRESS REPORT, 29 FEB.-31 DEC. 1968. CHARLES W. PETERS, NAVAL RESEARCH LAB., WASHINGTON, D.C. FEB. 1969. REPORT NO. NRL-MR-2001. STAR N69-39149. AD-691 204. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00403	SAGA, A COMPUTER PROGRAM FOR SHORT ARC GEODETIC ADJUSTMENT OF SATELLITE OBSERVATIONS. FINAL SCIENTIFIC REPORT, SEPT. 1967-FEB. 1969. DUANE C. BROWN AND JERRY E. TROTTER, DBA SYSTEMS, INC. MELBOURNE, FLORIDA. CONTRACT NO. F19629-68-C-0093. REPORT NO. AFRL-69-0080. STAR N69-40547. AD-691 835. MICROFICHE COPY.
NR-H8-00-000-00404	INVESTIGATION OF THE INFRARED EMISSION SPECTRUM OF THE ATMOSPHERE AND EARTH. PART I - ANGLE DEPENDENT REFLECTIVITY OF NATURAL SURFACES, 1-12 MICRON. FINAL REPORT. W. ARLT AND H. J. BOLLE, LUDWIG-MAXIMILIANS-UNIVERSITAT, METEOROLOGISCHES INSTITUT, MUNICH, WEST GERMANY. REPORT NO. AFRL-68-0551. CONTRACT NO. AF61(052)-778. AD-677 870. MICROFICHE COPY. STAR N69-29763 AD-685 400
NR-H8-00-000-00407	SYMPOSIUM ON REMOTE SENSING IN THE POLAR REGIONS, EASTON, MARYLAND, MARCH 1968. ARTIC INSTITUTE OF NORTH AMERICA, WASHINGTON, D.C. AD-682 240. MICROFICHE COPY.
NR-H8-00-000-00410	INDIVIDUAL AND TWO-MAN TEAM TARGET FINDING PERFORMANCE. REPORT NO. AMRL-TR-66-127. JOHN P. HORNSETH, AEROSPACE MEDICAL RESEARCH LAB., WRIGHT-PATTERSON AFB, OHIO. CONTRACT NO. AF33(615)-2032. PUBLISHED IN HUMAN FACTORS, VOL. 9, NO. 9, FEB. 1967. PP.39-43.
NR-H8-00-000-00411	CHEMICAL FAR INFRARED SPECTROSCOPY. J.W. BRASCH, Y. MIKAWA, ET AL., BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO. PUBLISHED IN APPLIED SPECTROSCOPY REVIEWS, VOL. 1, NO. 2, 1968. PP.187-235.
NR-H8-00-000-00413	THE STEADY STATE AND DYNAMIC HEAT TRANSFER FROM TURBULENCE SENSORS IN LIQUIDS. J.W. DELLEUR, G.W. TIERES, ET AL., PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PRESENTED AT INTERNATIONAL ASSOCIATION FOR HYDRAULIC RESEARCH, 12TH CONGRESS, FORT COLLINS, COLORADO. SEPT. 1967, PROCEEDINGS, VOL. 2, PP.227-236. PURDUE UNIV. ENGINEERING REPRINTS, CE 243.
NR-H8-00-000-00414	SATELLITE GEODESY. A.G. MOURAD, BATTELLE MEMORIAL INSTITUTE COLUMBUS, OHIO. PUBLISHED IN HANDBOOK OF SOVIET SPACE-SCIENCE RESEARCH, GORDON AND BREACH SCIENCE PUBLISHERS, N.Y. CHAPTER 17, PP.421-430.
NR-H8-00-000-00415	SATELLITE METEOROLOGY. R.C. BEHN AND R.A. DUFFEE. PUBLISHED IN HANDBOOK OF SOVIET SPACE-SCIENCE RESEARCH, GORDON AND BREACH SCIENCE PUBLISHERS, N.Y. 1968, CHAPTER 16, PP.393-420.
NR-H8-00-000-00416	THE PRESENT AND FUTURE OF ULTRASONIC IMAGING. D. ENSMINGER. PUBLISHED IN BATTELLE TECHNICAL REVIEW, VOL. 17, NO. 10, NOV.-DEC. 1968.
NR-H8-00-000-00417	ULTRASONIC IMAGING. DALE ENSMINGER, BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO. PUBLISHED IN INSTRUMENTS AND CONTROL SYSTEMS, VOL. 42, NO. 5, MAY 1969.
NR-H8-00-000-00418	A REVIEW OF SCATTERING FROM SURFACES WITH DIFFERENT ROUGHNESS SCALES. DONALD E. BARRICK, BATTELLE MEMORIAL INSTITUTE COLUMBUS, OHIO AND WILLIAM H. PEAKE, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. PUBLISHED IN RADIO SCIENCE, VOL. 3, NO. 8, AUG. 1968. PP.865-868.
NR-H8-00-000-00420	COHERENT INSTRUMENTATION RADAR GOES ON LINE AT WHITE SANDS. PUBLISHED IN MICROWAVES, VOL. 9, NO. 2, FEB. 1970. PP.20-22
NR-H8-00-000-00421	AN ACOUSTO-OPTIC RECEIVER AND FAST SPECTRUM ANALYZER FOR ELECTROMAGNETIC SIGNALS IN THE VHF-UHF RANGE. JERRY K. PARKS, LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF. PUBLISHED IN IEEE TRANSACTIONS ON COMMUNICATION TECHNOLOGY, VOL. COM-17, NO. 6, DEC. 1969. PP.686-700.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00422	SHORT-TERM FREQUENCY STABILITY. NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PROCEEDINGS OF THE IEEE-NASA SYMPOSIUM ON THE DEFINITION AND MEASUREMENT OF SHORT-TERM FREQUENCY STABILITY, GREENBELT, MARYLAND, NOV. 1964. NASA SP-80. STAR N66-10381.
NR-H8-00-000-00423	THE USE OF FABRY-PEROT FILTERS FOR SPECTRAL SCANNING. M.D. WATERWORTH, UNIVERSITY OF TASMANIA, HOBART, TASMANIA, AUSTRALIA. PROCEEDINGS OF ASTRONOMICAL SOCIETY OF AUSTRALIA, VOL. 1, SEPT. 1969. PP.293-294. A70-14523. MICROFICHE COPY.
NR-H8-00-000-00424	COMPACT INFRARED HORIZON SCANNER. GEORGE CARMICHAEL AND RONALD ANTHONY, GENERAL DYNAMICS/CONVAIR, SAN DIEGO, CALIFORNIA. DEC. 1960. REPORT NO. ERR-SD-126. AD-681 827. MICROFICHE COPY.
NR-H8-00-000-00425	AN EXPERIMENTAL INVESTIGATION OF RADIOSONDES. REGINALD CLAUDE CORBILLE, U.S. NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIFORNIA. OCT. 1966. AD-803 353. MICROFICHE COPY.
NR-H8-00-000-00427	IONOSPHERIC SOUNDERS IN AIRCRAFT. ROBERT W. GOWELL AND ROGER W. WHIDDEN, AIR FORCE CAMBRIDGE LABS., CAMBRIDGE, MASSACHUSETTS. JULY 1968. REPORT NOS. AFRL-68-0369 AND INSTRUMENTATION PAPER NO. 144. AD-678 047. MICROFICHE COPY.
NR-H8-00-000-00428	AIR AND WATER POLLUTION, VOL. I, BIBLIOGRAPHY REPORT, 1953-OCT. 1968. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. AD-679 210. MICROFICHE COPY.
NR-H8-00-000-00429	SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 209, 210. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. AUG. 1969. STAR N70-1167-N70-11676. MICROFICHE COPY.
NR-H8-00-000-00430	THE SHARPNESS OF REFLECTED IMAGES. R.E. STAPLETON, ILLFORD LIMITED, ESSEX, ENGLAND. PUBLISHED IN JOURNAL OF PHOTOGRAPHIC SCIENCE, VOL. 12, NO. 6, 1964. PP.289-295.
NR-H8-00-000-00431	LEARNING TO RECOGNIZE PATTERN IN A RANDOM ENVIRONMENT. N. ABRAMSON, STANFORD ELECTRONICS LAB., STANFORD, CALIF. AND D. BRAVERMAN, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. PUBLISHED IN TRANSACTIONS OF THE INSTITUTE OF RADIO ENGINEERS ON INFORMATION THEORY, VOL. IT-8, NO. 5, SEPT. 1962. PP.S58-S63.
NR-H8-00-000-00435	CENTRAL AERIAL CAMERA SHUTTERS OF STRIP TYPE. N.P. ZAKAZNOV AND B.N. RODIONOV, USSR. APRIL 1969. TRANSLATION OF MIIGAIK, TRUDY, NO. 39, 1960. PP.15-24. STAR N70-14253. AD-694 873. MICROFICHE COPY.
NR-H8-00-000-00436	ACOUSTICAL HOLOGRAMS AND OPTICAL RECONSTRUCTION. YOSHINAO AOKI, HOKKAIDO UNIVERSITY, SAPPORO, JAPAN. PUBLISHED IN ACOUSTICAL HOLOGRAPHY, VOL. 1 - PROCEEDINGS OF THE FIRST INTERNATIONAL SYMPOSIUM, HUNTINGTON BEACH, CALIF., DEC. 1967 PP.223-247. A69-23549.
NR-H8-00-000-00437	IMAGE DISSECTION AND CONVERSION AT NONVISIBLE WAVELENGTHS. N.H. FARHAT AND B.J. LEVIN, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 3, MARCH 1970. PP.765-769.
NR-H8-00-000-00438	INFRARED RADIOACTIVE HEAT TRANSFER IN GASES. AN ANNOTATED BIBLIOGRAPHY. F.H. HOWARD, J.L. NOVOTNY, AND K.T. YANG, NOTRE DAME UNIVERSITY, SOUTH BEND, INDIANA. SEPT. 1969. CONTRACT NO. N00014-68-A-0152. AD-699 873. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00439	RECENT DATA ON REMOTE DETECTION OF CLEAR AIR TURBULENCE USING INFRARED SENSING TECHNIQUES. MORRIS WEISS, BARNES ENGINEERING CO., STAMFORD, CONN. PRESENTED AT ENVIRONMENTAL EFFECTS ON AIRCRAFT AND PROPULSION SYSTEMS, NAVAL AIR PROPULSION TEST CENTER, ANNUAL NATIONAL CONFERENCE, 9TH, BORDENTOWN, N.J. OCT. 1969, PROCEEDINGS, PP.23/1-23/7. A70-10697.
NR-H8-00-000-00441	PROOFS AND USES OF SOME FORMULAE FOR THE MEASUREMENT OF HEIGHT DIFFERENCES AND DIPS ON AERIAL PHOTOGRAPHS BY ELEMENTARY (STEREOMETER, RULER AND PENCIL) METHODS. J.A.E. ALLAM, INSTITUTE OF GEOLOGICAL SCIENCES, LONDON, ENGLAND. PUBLISHED IN INSTITUTION OF MINING AND METALLURGY TRANSACTIONS, VOL. 78, AUG. 1969. PP.8108-113.
NR-H8-00-000-00443	THE OUTLOOK FOR HOLOGRAPHY. DENNIS GABOR, IMPERIAL COLLEGE, LONDON, ENGLAND. PUBLISHED IN OPTIK, VOL. 28, HEFT 5, FEB. 1969. PP.437-441.
NR-H8-00-000-00444	SPEKTRALE ANPASSUNG VON BELEUCHTUNGSFILTERN DURCH DEN STRAHLUNGSBÜNDELUNGS-EFFEKT. (SPECTRAL ADAPTATION OF DIFFRACTION FILTERS BY THE EFFECT OF RAY BUNDLING). G. SCHMIDTKE, ARBEITSGRUPPE FÜR PHYSIKALISCHE WELTRAUM-FORSCHUNG, KRONENSTRASSE 13, 78 FREIBURG, GERMANY. PUBLISHED IN OPTIK, VOL. 28, HEFT 6, MARCH 1969. PP.578-584
NR-H8-00-000-00445	THERMAL RADIATION HEAT TRANSFER, VOL. 1, - THE BLACKBODY, ELECTROMAGNETIC THEORY, AND MATERIAL PROPERTIES. NASA/OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. ROBERT SIEGEL AND JOHN R. HOWELL, LEWIS RESEARCH CENTER, CLEVELAND, OHIO. 1968. NASA SP-164.
NR-H8-00-000-00447	THE EFFICIENCY OF RADIATION DETECTION BY PHOTOGRAPHIC FILMS, STATE-OF-THE-ART AND METHODS OF IMPROVEMENT. GEORGE BIRD, R. CLARK JONES, ET AL., RESEARCH LAB., POLAROID CORP., CAMBRIDGE, MASS. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 12, DEC. 1969. PP.2389-2405.
NR-H8-00-000-00449	STUDY OF NEAR REAL-TIME SCREENING PERFORMANCE. I. SCALE, RESOLUTION, AND PRESENTATION RATE. TECHNICAL RESEARCH NOTE. J. RICHARD LEPKOWSKI, SYSTEM DEVELOPMENT CORPS., FALLS CHURCH, VIRGINIA. AUG. 1969. REPORT NO. BESRL-TRN-213. CONTRACT NO. DAHC19-67-C-0050. AD-698 455. MICROFICHE COPY. STAR N70-23442.
NR-H8-00-000-00450	THE SIRIUS SYSTEM OF INTERPRETATION AND RECOGNITION OF IMAGES AND ESTABLISHMENT OF CORRESPONDENCE. V.P. ROMANOV, USSR. TRANSLATION OF VSESOYUZNAYA KONFERENTSIYA PO INFORMATSIONNO-POIKOVYM SISTEMAM I AVTOMATIZIROVANNNOY OBRABOTKE NAUCHNO-TEKHNICHESKOY INFORMATSII, 3D, MOSCOW, 1966. TRUDY 1967. PP.173-185. STAR N70-14336. AD-694 903. MICROFICHE COPY.
NR-H8-00-000-00452	A HOLOGRAPHIC SYSTEM FOR LARGE TIME-BANDWIDTH PRODUCT MULTICHANNEL SPECTRAL ANALYSIS. B.J. PERINICK AND A. REICH, GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, NEW YORK. PUBLISHED IN APPLIED OPTICS, VOL. 9, JAN. 1970. PP.229-230. STAR N70-15589. A70-20098. MICROFICHE COPY.
NR-H8-00-000-00453	ELECTRONIC EQUIPMENT AND IMAGE CONVERTERS WITH ENLARGED IMAGE FIELD FOR VISUALIZATION OF FAULTS IN MATERIALS. FINAL TECHNICAL REPORT, JULY 68-JUNE 69. R. POHLMAN, H. LICHT, AND E. SCHATZER, RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE AACHEN, WEST GERMANY. CONTRACT NO. DAJA37-68-C-0668. STAR N70-15515. AD-693 884. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00455	FLUORESCENCE EFFICIENCIES AND COLLISIONAL DEACTIVATION RATES FOR N <sub>2</sub> AND N <sub>2</sub> <sup>+</sup> BANDS, EXCITED FROM DEPOSITION OF SOFT X RAYS. KENNETH B. MITCHELL, LOS ALAMOS SCIENTIFIC LAB., LOS ALAMOS, NEW MEXICO. NOV. 1969. AD-696 664. MICROFICHE COPY.
NR-H8-00-000-00457	MAINTAINING IMAGE INTERPRETER PROFICIENCY THROUGH TEAM CONSENSUS FEEDBACK. JOHN T. COCKRELL, SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VIRGINIA. APRIL 1968. REPORT NO. BESRL-TRN-195. CONTRACT NO. D-49-092-ARO-65. AD-833 583. MICROFICHE COPY.
NR-H8-00-000-00458	THE THEORY OF THE FIGURE OF THE EARTH. N.P. GRUSHINSKII, USSR. MAY 1969. TRANSLATION OF TEORIYA FIGURY ZEMLI (MOSCOW), 1963. PP.1-466. STAR N70-14204. AD-694 748. MICROFICHE COPY.
NR-H8-00-000-00459	AUTOMATIC DIGITAL READOUT SYSTEM FOR POLAROID CAMERAS. JOHANN J. KAINZ AND IRWIN M. GUMEINER, ARMY ELECTRONICS COMMAND, FORT MONMOUTH, NEW JERSEY. AUG. 1969. REPORT NO. ECOM-3169. STAR N70-14457. AD-695 651. MICROFICHE COPY.
NR-H8-00-000-00460	MINIMIZATION OF RECONSTRUCTION ERRORS WITH COMPUTER GENERATED BINARY HOLOGRAMS. ROBERT A. GABEL, UNIVERSITY OF COLORADO, DENVER, COLORADO AND BEDE LIU, UNIVERSITY OF PRINCETON, PRINCETON, NEW JERSEY. NOV. 1969. AD-698 766. MICROFICHE COPY.
NR-H8-00-000-00461	AR-109 VIEWER-PRINTER, PROJECTION, PHOTOGRAPHIC. WARREN M. EMLEN, ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, NEW YORK. NOV. 1969. REPORT NO. RADG-TR-69-284. AD-698 338. MICROFICHE COPY.
NR-H8-00-000-00462	PROPERTIES OF THE INFRARED DISPERSION FUNCTIONS OF ISOLATED RESONANCES. TECHNICAL REPORT, SEPT.-DEC. 1968. CONRAD M. PHILLIPPI, AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AFB, OHIO. REPORT NO. AFML-TR-69-31. STAR N70-15694. AD-694 518. MICROFICHE COPY.
NR-H8-00-000-00463	IRRADIANCE STATISTICS, MODULATION TRANSFER FUNCTION AND PHASE STRUCTURE FUNCTION OF AN OPTICAL WAVE IN A TURBULENT MEDIUM. H.T. YURA AND R.F. LUTOMIRSKI, RAND CORP., SANTA MONICA, CALIFORNIA. CONTRACT NO. DAH015-67-C-0141. STAR N70-15555. AD-695 412. MICROFICHE COPY.
NR-H8-00-000-00464	NOMOGRAMS FOR CALCULATING THE SPECTRAL TRANSMISSION OF THE ATMOSPHERE IN THE 2.8-5.6 MICRON REGION. V.L. FILIPPOV AND S.O. MIRUMIANTS, USSR. PUBLISHED IN ACADEMY OF SCIENCES, USSR, IZVESTIYA, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 5, JUNE 1969. PP.366-371. A70-17208. MICROFICHE COPY.
NR-H8-00-000-00465	DETERMINING ALBEDO VARIATION FROM SATELLITE DATA USING THE INSTRUMENT CHARACTERISTICS. V.I. DROBYSHEVICH, USSR. PUBLISHED IN ACADEMY OF SCIENCES, USSR, VOL. K, JAN. 1969. PP.39-45. A69-39655. MICROFICHE COPY.
NR-H8-00-000-00467	VIDICON DATA LIMITATIONS. ARTHUR SCHWALB AND JAMES GROSS, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, S1, WASHINGTON, D.C. JUNE 1969. REPORT NO. NESCTM-17. STAR N70-12778. PB-185 966. MICROFICHE COPY.
NR-H8-00-000-00468	SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 211. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. SEPT. 1969. STAR N70-11641-N70-11646. MICROFICHE COPY.
NR-H8-00-000-00469	SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 213. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. OCT. 1969. STAR N70-13030-N70-13035. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-HR-00-000-00471	RESTORATION OF ATMOSPHERICALLY DEGRADED IMAGES. WOODS HOLE SUMMER STUDY, JULY 1968. ADVISORY COMMITTEE TO THE AIR FORCE SYSTEMS COMMAND (NAS-NRC), WASHINGTON, D.C. CONTRACT NO. AF18(600)-2891. AD-806 878, VOL. I, AD-806 879, VOL. II, AD-806 880, VOL. III, AD-880 807, VOL. IV. MICROFICHE COPY.
NR-HR-00-000-00472	SOVIET ELASIC RESEARCH IN GEOPHYSICS, ASTRONOMY AND SPACE, NO. 208. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. JULY 1969. STAR N70-11554-N70-11560. MICROFICHE COPY.
NR-HR-00-000-00473	SOVIET ELASIC RESEARCH IN GEOPHYSICS, ASTRONOMY AND SPACE, NO. 216. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. NOV. 1969. STAR N70-14026-N70-14031. MICROFICHE COPY.
NR-HR-00-000-00474	SIGNIFICANT ACCOMPLISHMENTS IN SCIENCE. GODDARD SPACE FLIGHT CENTER, 1968. NASA SP-195. PROCEEDINGS OF A SYMPOSIUM HELD AT GODDARD SPACE FLIGHT CENTER, JAN. 1969. STAR N69-38951.
NR-HR-00-000-00475	CHECKER CONFIDENCE STATEMENTS AS AFFECTED BY PERFORMANCE OF INITIAL IMAGE INTERPRETER. REPORT NO. HESRL-TRN-214. MICHAEL G. SAMET, ARMY BEHAVIORAL SCIENCE RESEARCH LAB., SUPPORT SYSTEMS RESEARCH DIV., ARLINGTON, VIRGINIA. SEPT. 1969. MICROFICHE COPY. AD-700 127 N70-26049.
NR-HR-00-000-00476	THE EVALUATION OF OPTICAL IMAGES. GEORGE C. HIGGINS AND FRED M. PERRIN, RESEARCH LABORATORIES, EASTMAN KODAK CO., ROCHESTER, N.Y. PUBLISHED IN PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 2, NO. 8, AUG. 1958. PP.66-76.
NR-HR-00-000-00477	METHOD OF CALCULATING LONGWAVE FLUXES IN THE TROPOSPHERE IN THE CASE OF A CLOUDLESS SKY. YE. P. BARASHKOVA, USSR. TRANSLATION OF GLAVNAIA GEOPHIZICHESKAIA OBSERVATORIIA IM A. I. VOZIKOVA. TRUDY, NO. 152, 1964. PP.68-80. STAR N65-21434. MICROFICHE COPY.
NR-HR-00-000-00478	COMPLEX SCATTERING OF LIGHT IN TURBID MEDIA, CHAPTERS 1 AND 2. V.A. TIMOFEYEV, USSR. JUNE 1969. TRANSLATION OF AKADEMIIA NAUK SSSR. MORSKOI GIDROFIZICHESKII INSTITUT. TRUDY, MOSCOW, NO. 3, 1953. PP.35-81. STAR N70-14467. AD-695 946. MICROFICHE COPY.
NR-HR-00-000-00479	A SELECTED ANNOTATED BIBLIOGRAPHY ON CLEAR AIR TURBULENCE (CAT). ALVIN L. SMITH, JR. AND DENNIS L. BOYER, ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER, U.S. AIR FORCE, WASHINGTON, D.C. JAN. 1970. AD-700 057. MICROFICHE COPY. STAR N70-25461
NR-HR-00-000-00482	GLOSSARY OF OPTICAL PROPERTIES. RICHARD I. AKAWIE, SHELDON J. WELLES, AND IRENE J. D'HAENENS, HUGHES AIRCRAFT CO., CULVER CITY, CALIFORNIA. FEB. 1969. CONTRACT NO. F33615-68-C-1225. STAR N70-15735. AD-695 479. MICROFICHE COPY.
NR-HR-00-000-00484	ATTENUATION OF THE 5-MM WAVELENGTH BAND IN A VARIABLE ATMOSPHERE. RESEARCH REPORT, OCT. 68-MARCH 69. E.E. REBER, R.L. MITCHELL, AND C.J. CARTER, AEROSPACE CORP., EL SEGUNDO, CALIF. JULY 1969. CONTRACT NO. FO4701-69-C-0066. IN IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-18, JULY 1970, PP.472-479. A70-40302. N70-15881. AD-694 510. MICROFICHE AND HARD COPY.
NR-HR-00-000-00485	THE AEROMAGNETIC SURVEY OF DENMARK, FINLAND, NORWAY, SWEDEN 1965. POLKE ELEMEN AND KJELL BORG, SWEDISH BOARD OF SHIPPING AND NAVIGATION, STOCKHOLM, SWEDEN. 1969. STAR N70-18213. MICROFICHE COPY.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00486	A GENERAL THEORY OF GRAVITY PROCESSING, DEPARTMENT OF GEODETIC SCIENCE REPORT NO. 122. HELMUT MORITZ, OHIO STATE UNIVERSITY RESEARCH FOUNDATION, COLUMBUS, OHIO. MAY 1969. REPORT NOS. OGS-122 AND AF-CRL-69-0258. CONTRACT NO. F19628-69-C-0127. STAR N70-15703. AD-694 112. MICROFICHE COPY.
NR-H8-00-000-00488	TECHNICAL DOCUMENTATION FOR THE MARK I MODEL OF THE LASER ABSOLUTE GRAVIMETER. NASA-TM-X-53832. REPORT NO. 53832. PAUL CRAVEN AND O.K. HUDSON, NASA/MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. MAY 1969. STAR N70-17316.
NR-H8-00-000-00489	OPERATION MANUAL FOR THE MARK I MODEL OF THE LASER ABSOLUTE GRAVIMETER. NASA-TM-X-53856. WILLIAM M. GREENE AND JAMES YARBROUGH, NASA/MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. AUGUST 1969. STAR N70-17389.
NR-H8-00-000-00490	HOLOGRAPHIC OPTICAL DATA PROCESSING. NASA-TM-X-53961. RODNEY W. JENKINS, NASA/MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. NOVEMBER 1969. STAR N70-17359.
NR-H8-00-000-00491	COMPUTER PROGRAM FOR CROSSED-BEAM STUDIES OF CLEAR AIR TURBULENCE, PROGRAM DESCRIPTION. (MLTCOR) FINAL REPORT, MAY 1968-AUG. 1969. NASA-CR-61314. M.H. PHILLIPS AND A. WACHOWSKI, IIT RESEARCH INSTITUTE, CHICAGO, ILL. SEPT. 1969. CONTRACT NO. NAS8-21300. STAR N70-12025.
NR-H8-00-000-00494	AMERICAN SOCIETY OF PHOTOGRAMMETRY. ANNUAL MEETING, WASH., D.C. MARCH 9-14, 1969. PAPERS. AMERICAN SOCIETY OF PHOTOGRAMMETRY, FALLS CHURCH, VA.
NR-H8-GJ-998-00495	AMERICAN SOCIETY OF PHOTOGRAMMETRY. ANNUAL MEETING, WASH., D.C. MARCH 1-6, 1970. PAPERS. AMERICAN SOCIETY OF PHOTOGRAMMETRY, FALLS CHURCH, VA.
NR-H8-00-000-00496	COMPARISON DE DIFFERENTES METHODES DE DETERMINATION DE LA FONCTION DE TRANSFERT DE CONTRASTE DES FILMS NOIR ET BLANC POUR PRISES DE VUES AERIENNES. V. YA. MIKHAYLOV AND YA. P. MASLENIKOV, USSR. PUBLISHED IN JOURNAL DE PHOTOGRAPHIE ET DE CINEMATOGRAPHIE SCIENTIFIQUES ET APPLIQUEES, NO. 5, 1968. PP.356-359. STAR N70-18098. MICROFICHE COPY.
NR-H8-00-000-00497	A MICROWAVE HELIUM NOISE GENERATOR. KH. V. KHINRIKUS AND A.V. KUBAREV, USSR. TRANSLATION OF AKADEMIIA NAUK SSSR. METROLOGICHESKII INSTITUTOV, TRUDY, NO. 90, 1967. STAR N70-14450. AD-694 583. MICROFICHE COPY.
NR-H8-00-000-00498	FUNKTSII SPEKTRALNOGO PROPUSKANIIA V POLASKH PAROV H2O, O3, N2O, I N2 KOMPONENT V ATMOSFERE. N.I. MISKALENKO, USSR. PUBLISHED IN AKADEMIIA NAUK SSSR, IZVESIJA, FIZIKA ATMOSFERY I OKEANA, VOL. 5, NOV. 1969. PP.1179-1190. A70-20306. MICROFICHE COPY.
NR-H8-00-000-00504	BIBLIOGRAPHY ON SATELLITE GEODESY AND RELATED SUBJECTS JAN ROLFF, BARBARA ALPERN, AND LIENNA PIZER, SMITHSONIAN INSTITUTION, ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS. PUBLISHED IN CENTRAL BUREAU FOR SATELLITE GEODESY, VOL. 5, NOV. 1969. STAR N70-18019. MICROFICHE COPY.
NR-H8-00-000-00505	EXPERIMENTAL VERIFICATION OF THE PROPER KIRCHHOFF THEORY OF WAVE SCATTERING FROM KNOWN RANDOMLY ROUGH SURFACES. A.K. FUNG, AND T. LEONARIS, CENTER FOR RESEARCH, INC., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. IN JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, VOL. 46, NO. 5, PART 1, NOV. 1969. PP.1057-1061.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00506	HOLOGRAPHY OF LIQUID DROPS. ROBERT MICKLING, GENERAL MOTORS CORP. PUBLISHED IN THE JOURNAL OF THE OPTICAL SOCIETY OF AMERICAN, VOL. 59, NO. 10, OCT. 1969. PP.1334-1339. A70-11890.
NR-H8-MH-998-00507	ANNOTATED BIBLIOGRAPHY OF RESOURCE USE, TEXAS GULF COAST. SEA GRANT PUBLICATIONS NO. 204. DR. CLARE A. GUNN, TEXAS A-M UNIVERSITY, COLLEGE STATION, TEXAS. NOV. 1969. PB-189 780. N71-15459
NR-H8-EJ-998-00509	EARTH OBSERVATIONS FROM BALLOONS. PUBLISHED IN AMERICAN SOCIETY OF PHOTOGRAMMETRY, SYMPOSIUM, WASHINGTON, D.C. FEB. 1969, PROCEEDINGS.
NR-H8-00-000-00510	THE BOHRMANN EFFECT AND EXTINCTION IN HOLOGRAPHY. V.V. ARISTOV, V. SH. SHEKHTMAN, AND V.B. TIMOFEEV, SOLID STATE PHYSICS INSTITUTE, ACADEMY OF SCIENCE OF THE USSR, CHERNOGOLOVKA, USSR. PHYSICS LETTERS, VOL. 28A, FEB. 1969. PP.700-701. A69-21492.
NR-H8-00-000-00511	MORPHOLOGY OF THE INITIAL PHASE OF MAGNETIC STORMS AND SUDDEN IMPULSES. E.B. FAINBERG, AKADEMIJA NAUK TURKMENSKOI SSR, INSTITUT FIZIKI I ATMOSFERI, ASHKHABAD, TURMEN SSR. PUBLISHED IN GEOMAGNETISM AND AERONOMY, VOL. 9, NO. 1, 1969. PP.145-147. A70-11558 AND A69-23938.
NR-H8-00-000-00512	THE PRESSURE-SUBTRACTING HYPSONETER - A NEW INSTRUMENT FOR MEASURING ATMOSPHERIC PRESSURE. ERNEST W. LICHFIELD, NATIONAL CENTER FOR ATMOSPHERIC RESEARCH, BOULDER, COLO. PUBLISHED IN APPLIED METEOROLOGY, VOL. 8, DEC. 1969. PP.975-984. A70-18247.
NR-H8-00-000-00513	MACHINE CONSTRUCTION OF TEMPERATURE MAPS OF THE EARTH'S SURFACE AND THE ALTITUDE OF THE UPPER CLOUD BOUNDARY ACCORDING TO DATA FROM METEOROLOGICAL SATELLITES. V.G. BOLDYREV, USSR. TRANSLATION OF SPUTNIKOVAYA METEOROLOGIYA (LENINGRAD, SSSR), NO. 11, 1966. PP.96-104. STAR N69-36404.
NR-H8-00-000-00514	NORTH AMERICAN DATUM IN VIEW OF GEOS 1 OBSERVATIONS. IVAN I. MUELLER, JAMES P. KELLY, AND CHARLES R. SCHWARZ, OHIO STATE UNIVERSITY RESEARCH FOUNDATION, COLUMBUS, OHIO. JUNE 1969. CONTRACT NO. NGR-36-008-093. REPORT NO. NASA CR-107103. STAR N70-12525.
NR-H8-00-000-00515	SELECTIVE GUIDE TO CLIMATIC DATA SOURCES. KEY TO METEOROLOGICAL RECORDS DOCUMENTATION NO. 4.11. (ESSA ENVIRONMENTAL DATA SERVICE) NATIONAL WEATHER RECORDS CENTER, ASHEVILLE, NORTH CAROLINA. 1969.
NR-H8-00-000-00516	UPPER ATMOSPHERE AS A REGULATOR OF GEOMAGNETIC STORMS, SUBSTORMS, AND AURORAS. V.I. KRASOVSKII, AKADEMIJA NAUK SSSR, INSTITUT FIZIKI ATMOSFERI, MOSCOW, USSR. PUBLISHED IN GEOMAGNETISM AND AERONOMY, VOL. 9, NO. 1, 1969. PP.23-31. A70-11523 AND A69-23903.
NR-H8-00-000-00517	GLOBAL ISOPOR CHARTS FOR THE PERIOD 1960-1965. V.P. ORLOV AND M.P. IVCHENKO, AKADEMIJA NAUK SSSR, INSTITUT ZEMNOGO MAGNETIZMA IONOSFERI I RASPROSTRANENIIA RADIOVOLN, KRASNAYA PAKHRA, USSR. PUBLISHED IN GEOMAGNETISM AND AERONOMY, VOL. 9, NO. 1, 1969. PP.106-111. A70-11540.
NR-H8-00-000-00518	VARIATION IN THE FREQUENCY OF APPEARANCE OF GEOMAGNETIC PULSATIONS WITH THE LEVEL OF GEOMAGNETIC AND SOLAR ACTIVITY. IA. M. GOGATISHVILI, AKADEMIJA NAUK GRUZINSKOI SSR, INSTITUT GEOPHIZIKI, TIFLIS, GEORGIAN SSR. PUBLISHED IN GEOMAGNETISM AND AERONOMY, VOL. 9, NO. 1, 1969. PP.147-148. A69-23939 AND A70-11559.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00519	WIDE ANGULAR APERTURE IMAGE UP-CONVERSION. R.A. ANDREWS, NAVAL RESEARCH LAB., WASHINGTON, D.C. PUBLISHED IN IEEE JOURNAL OF QUANTUM ELECTRONICS, VOL. QE-5, NOV. 1969. PP.548-550. A70-15621.
NR-H8-00-000-00520	ENVIRONMENTAL DATA FORMAT STUDY. FINAL SUMMARY REPORT. INFORMATION CIRCULAR 61. JOHN C. BELLAMY, UNIVERSITY OF WYOMING, LARAMIE, WYOMING. AUG. 1969. CONTRACT NO. E-12-70(N). STAR N70-12771. PB-185 892.
NR-H8-00-000-00522	NOCTURNAL AIR TEMPERATURE ON A FORESTED MOUNTAIN SLOPE. JAMES D. BERGEN, ROCKY MOUNTAIN FOREST & RANGE EXPERIMENT STATION, FORT COLLINS, COLO. 1969. REPORT NO. FSRP-RM-52. STAR N70-25344. PB-187 646.
NR-H8-00-000-00523	TACTICAL AID DISPLAYS (TAD) - AN APPROACH TO LIGHTWEIGHT, MULTISENSOR, AIRBORNE ASW LOCALIZATION MISSIONS. R. VAN AUKEN. PRESENTED AT THE ATAA AND U.S. NAVY, PROPEL-SION AND ASW MEETING, NEWPORT, R.I., MAY 1970, ATAA PAPER 70-517. A70-29036.
NR-H8-EJ-130-00524	CALIFORNIA UNDERSEA AQUEDUCT PRERECOGNITION STUDY. BUREAU OF RECLAMATION, DENVER, COLORADO. DEC. 1969.
NR-H8-00-000-00525	WOBBLE-SPIN TECHNIQUE FOR SPACECRAFT INVERSION AND EARTH PHOTOGRAPHY. NORMAN H. BEACHLEY AND JOHN J. GICKER, JR., UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN. PUBLISHED IN JOURNAL OF SPACECRAFT AND ROCKETS, VOL. 6, NO. 3, MARCH 1969. PP.245-248.
NR-H8-00-000-00526	PATTERN RECOGNITION FOR PICTURES CONTAINING A MULTIPLICITY OF OBJECTS. T. KASVAND, NATIONAL AERONAUTICAL ESTABLISHMENT, OTTAWA, CANADA. PUBLISHED IN THE QUARTERLY BULLETIN OF CANADA - NATIONAL RESEARCH COUNCIL, DIV. OF MECHANICAL ENGINEERING AND NATIONAL AERONAUTICAL ESTABLISHMENT, NO. 3, 1969. PP.35-43. A70-24659. MICROFICHE COPY.
NR-H8-00-000-00527	AN ANALYTICAL STUDY OF MEASURED RADIOMETRIC DATA, VOLUME 1. RONALD A. PORTER, RADIOMETRIC TECHNOLOGY, INC., CAMBRIDGE, MASS. DEC. 1969. REPORT NO. NASA CR-108769. CONTRACT NO. JPL-952397. STAR N70-20193.
NR-H8-00-000-00528	AN ANALYTICAL STUDY OF MEASURED RADIOMETRIC DATA. VOLUME 2 - SEA WATER DATA. RONALD A. PORTER, RADIOMETRIC TECHNOLOGY, INC., CAMBRIDGE, MASS. DEC. 1969. REPORT NO. NASA CR-108260. CONTRACT NOS. NAS7-100 AND JPL-952397. STAR N70-20194.
NR-H8-00-000-00529	AN ANALYTICAL STUDY OF MEASURED RADIOMETRIC DATA. VOLUME 3 SALINES, QUARTZ SAND AND LIMESTONE DATA. RONALD A. PORTER, RADIOMETRIC TECHNOLOGY, INC., CAMBRIDGE, MASS. DEC. 1969. REPORT NO. CR-108259. CONTRACT NOS. NAS7-100 AND JPL-952397. STAR N70-20195.
NR-H8-00-000-00530	HOLOGRAPHER'S COMPACT MULTI-LENS SYSTEM ENHANCES LONG-DISTANCE PHOTO RESOLUTION. DR. GEORGE W. STROKE, STATE UNIVERSITY OF NEW YORK, STONY BROOK, N.Y. PUBLISHED IN LASER FOCUS, VOL. 6, NO. 3, MARCH 1970.
NR-H8-00-000-00531	OPTICAL APERTURE SYNTHESIS USING SUCCESSIVE EXPOSURE OF A SINGLE PHOTOGRAPH AND SPATIAL-FILTERING (LOW-FREQUENCY REDUNDANCY) SUPPRESSION. DR. GEORGE W. STROKE, STATE UNIVERSITY OF NEW YORK, STONY BROOK, N.Y. PUBLISHED IN PHYSICS LETTERS, VOL. 30A, NO. 9, DEC. 29, 1969. PP.485-486.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00532	MICROGRAPHIC IMAGE DEBLURRING AND OPTICAL APERTURE SYNTHESIS. DR. GEORGE W. STROKE, STATE UNIVERSITY OF NEW YORK, STONY BROOK, N.Y. PUBLISHED IN THE IEEE INTERNATIONAL OPTERION DIGEST, PAPER 78.5, 1970. PP.340-341.
NR-H8-00-000-00533	STUDY OF IMAGE EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 6, 15 DEC. 1963 TO 15 APRIL 1964. G.C. BROCK, R.L. BUSSALETT, ET AL., ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK9048-7. CONTRACT NO. AF33(657)-9158. AD-600 950. MICROFICHE COPY.
NR-H8-00-000-00534	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 7, 15 DEC. 1963 TO 15 APRIL 1964. G.C. BROCK, R. BARAKAT, ET AL., ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 9048-8. CONTRACT NO. AF33(657)-9158. AD-602 625. MICROFICHE COPY.
NR-H8-00-000-00535	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 8, 15 APRIL TO 15 JULY 1964. W.L. ATTAYA, R. BARAKAT, ET AL., ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 9048-9. CONTRACT NO. AF33(67)-9158. AD-602 853. MICROFICHE COPY.
NR-H8-00-000-00536	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 13, 15 JULY TO 15 OCT. 1965. ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 9048-14. CONTRACT NO. AF33(657)-9158. AD-473 799. MICROFICHE COPY.
NR-H8-00-000-00537	IMAGE EVALUATION FOR RECONNAISSANCE, PROCEEDINGS OF A SYMPOSIUM, WRIGHT-PATTERSON AFB, APRIL 1963. ITEK CORP., LEXINGTON, MASS. REPORT NO. 9048-6. CONTRACT NO. AF33(657)-9158. AD-455 766.
NR-H8-00-000-00538	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 1, 10 JULY TO 10 OCT. 1962. G.C. BROCK, W.L. ATTAYA AND E.P. MYSKOWSKI, ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 9048-1. CONTRACT NO. AF33(657)-9158. AD-286 488.
NR-H8-00-000-00539	STUDY OF IMAGE-EVALUATION TECHNIQUES. ITERIM ENGINEERING REPORT NO. 2, 11 OCT. 1962 TO 15 JAN. 1963. G.C. BROCK AND W.L. ATTAYA, ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 9048-2. CONTRACT NO. AF33(657)-9158. AD-294 778.
NR-H8-00-000-00540	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 3, JAN. 1963 - MAY 1963. G.C. BROCK, W.L. ATTAYA, ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 9048-3. CONTRACT NO. AF33(657)-9158. AD-408 969.
NR-H8-00-000-00541	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 4, 15 MAY TO 15 AUGUST 1963. G.C. BROCK AND DR. E. INGELSTAM, ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 9048-4. CONTRACT NO. AF33(657)-9158. AD-422 487.
NR-H8-00-000-00542	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 9, 15 JULY TO 15 OCT. 1964. ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 9048-10. CONTRACT NO. AF33(657)-9158. AD-457 952.
NR-H8-00-000-00543	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 11, 15 JAN. TO 15 APRIL 1965. ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 65-9048-12. CONTRACT NO. AF33(657)-9158. AD-615 648. MICROFICHE COPY.
NR-H8-00-000-00544	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 12, 15 APRIL TO 15 JULY 1965. ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 65-9048-13. CONTRACT NO. AF33(657)-9158. AD-466 577. MICROFICHE COPY.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00545	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 14, 15 OCT. 1965 TO 15 JAN. 1966. ITEK CORP., LEXINGTON, MASS. REPORT NO. ITEK 66-9048-15. CONTRACT NO. AF33(657)-9158. AD-480 300. MICROFICHE COPY.
NR-H8-00-000-00546	STUDY OF IMAGE-EVALUATION TECHNIQUES. FINAL TECHNICAL REPORT, JUNE 1962-JUNE 1966. W.L. ATTAYA, G.C. BROCK, ET AL. ITEK CORP., LEXINGTON, MASS. REPORT NO. AFAL-TR-66-343 AND ITEK 66-9048-16. CONTRACT NO. AF33(657)-9158. AD-803 4599. MICROFICHE COPY.
NR-H8-00-000-00547	STUDY OF IMAGE-EVALUATION TECHNIQUES. INTERIM ENGINEERING REPORT NO. 5, 15 AUG. TO 15 DEC. 1963. G.C. BROCK, E.P. MYKOWSKI, AND W.L. ATTAYA, ITEK CORP., LEXINGTON, MASS. JAN. 1964. REPORT NO. ITEK 9048-5. CONTRACT NO. AF33(657)-9158. AD-427 806.
NR-H8-00-000-00549	ATMOSPHERIC TRANSMITTANCE IN THE 590-750 CM-1 INTERVAL. T.G. KYLE, J.N. BROOKS, D.G. MURCRAY, UNIVERSITY OF DENVER, DENVER, COLO. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 9, SEPT. 1969. PP.1926-1927. A70-11928.
NR-H8-00-000-00551	THE SELECTION OF A SATELLITE SYSTEM FOR DETERMINING THE GEOPOTENTIAL. C. BYRON WINN, COLORADO STATE UNIVERSITY, FORT COLLINS, COLO. PRESENTED AT AAS/AIAA ASTRODYNAMICS SPECIALIST CONFERENCE, JACKSON, WYOMING, SEPT. 1968. AAS PAPER 68-137.
NR-H8-00-000-00552	ONLY A COUNTABLE NUMBER OF BRIGHTNESS TEMPERATURE DISTRIBUTIONS COULD PRODUCE AN OBSERVED INTENSITY INTERFEROGRAM. R.H.T. BATES, UNIVERSITY OF CANTERBURY, CHRISTCHURCH, NEW ZEALAND. PUBLISHED IN NEW ZEALAND JOURNAL OF SCIENCE, VOL. 12, SEPT. 1969. PP.467-469. A70-25335.
NR-H8-00-000-00553	OPTICAL SPACE COMMUNICATION, MIT-NASA WORKSHOP, PROCEEDINGS, WILLIAMSTOWN, MASS. AUG. 1968. ROBERT S. KENNEDY AND SHERMAN KARP, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, NASA, WASHINGTON, D.C. REPORT NO. NASA SP-217. STAR N70-18087.
NR-H8-00-000-00554	A FILTER FOR PHOTOGRAPHY OF COMET CONTINUA. FREEMAN D. MILLER, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. PUBLISHED IN ASTRONOMICAL SOCIETY OF THE PACIFIC, PUBLICATIONS, VOL. 81, NO. 482, OCT. 1969. PP.594-600. A70-12707.
NR-H8-00-000-00555	MEASUREMENTS IN THE SOLAR SPECTRUM BETWEEN 1400 AND 1875 ANGSTROMS WITH A ROCKET-BORNE SPECTROMETER. W.H. PARKINSON AND E.M. REEVES, HARVARD COLLEGE OBSERVATORY, CAMBRIDGE, MASS. REPRINTED FROM SOLAR PHYSICS, VOL. 10, 1969. PP.342-347.
NR-H8-00-000-00556	3-D COMPUTER-GENERATED MOVIES USING A VARIFOCAL MIRROR. ERIC G. RAWSON, BELL TELEPHONE LABORATORIES, MURRAY HILL, NEW JERSEY. REPRINTED FROM APPLIED OPTICS, VOL. 7, NO. 8, AUG. 1968. PP.1505-1511.
NR-H8-00-000-00557	INSTRUMENTATION AND FLIGHT PERFORMANCE OF HCO HIGH RESOLUTION WAVELENGTH SPECTROMETER - NASA AEROSOL FLIGHT 4.1x5 US. W.H. PARKINSON, HARVARD COLLEGE OBSERVATORY, CAMBRIDGE, MASS. MAY 1969. REPORT NO. NASA CR-107441. CONTRACT NO. NSR-22-007-067. STAR N70-14846.
NR-H8-00-000-00558	GEODETIC AND GEOPHYSICAL APPLICATIONS OF LASER SATELLITE RANGING. CARLTON G. LEHR SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS. PUBLISHED IN IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-7, NO. 4, OCT. 1967. PP.261-267. A70-16691.

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00559	LOW TEMPERATURE HIGH SENSITIVITY TEMPERATURE COMPENSATED HEAT FLUX SENSORS. E.H. SCHULTE AND R.F. KOHL, McDONNELL DOUGLAS CORP., ST. LOUIS, MO. PUBLISHED IN REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 40, NO. 11, NOV. 1969. PP.1415-1517. A70-12740.
NR-H8-00-000-00560	ON THE ESTIMATION OF RELATIVE HUMIDITY PROFILES FROM MEDIUM-RESOLUTION INFRARED SPECTRA OBTAINED FROM A SATELLITE. BARNEY J. DONATH, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 74, JUNE 20, 1969. PP.3347-3361. A69-34284.
NR-H8-00-000-00561	SOME CONSIDERATIONS PERTAINING TO THE DESIGN OF LARGE ASTRO-NOMICAL SPACEBORNE SPECTROGRAPHS. ROGER A. BARNEY, CHRYSLER CORP. SPACE DIVISION, NEW ORLEANS, LOUISIANA. JUNE 1966.
NR-H8-00-000-00562	POWER EFFICIENCY AND QUANTUM EFFICIENCIES OF ELECTRON-BEAM PUMPED LASERS. CLAUDE A. KLEIN, RAYTHEON COMPANY, WALTHAM, MASS. REPRINTED FROM IEEE JOURNAL OF QUANTUM ELECTRONICS, VOL. QE-4, NO. 4, APRIL 1968. PP.186-194.
NR-H8-00-000-00563	ON PHOTOSATURATION OF INTRINSIC INFRARED DETECTORS. CLAUDE A. KLEIN, RAYTHEON CO., WALTHAM, MASS. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 9, SEPT. 1969. A70-11925.
NR-H8-00-000-00565	AN ANNOTATED BIBLIOGRAPHY ON METHODS OF VISIBILITY MEASURE-MENT, 1950-1969. TECHNICAL MEMORANDUM. ANNIE E. GRIMES, BSSA, ROCKVILLE, MARYLAND. SEPT. 1969. REPORT NO. ATSTM-LIB-2. PB-188 652. N70-26053
NR-H8-00-000-00566	MEASUREMENTS OF WIND SPEEDS WITH AN OPTICAL CROSS-BEAM SYSTEM. D.J. PICKELNER, NASA, MARSHALL SPACE FLIGHT CENTER, KUNTSVILLE, ALABAMA AND V.A. SANDERSON, COLORADO STATE UNIV-ERSITY, FORT COLLINS, COLORADO. PRESENTED AT IEEE, ANNUAL INTERNATIONAL GEOSCIENCE ELECTRONICS SYMPOSIUM, 1ST, WASH-INGTON, D.C., APRIL 1969. PUBLISHED IN IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-7, OCT. 1969. PP.244-249. REPORT NOS. NASA RM-16 AND CEM68-69VAS-DJPI6. CONTRACT NOS. DCN-1-7-75-20042(1F) AND NA58-21049. A70-16688.
NR-H8-00-000-00567	MULTISPECTRAL IMAGING OF MARS FROM A LANDER. FINAL DRAFT. V. KLEMAS AND E.L.G. ODELL, GENERAL ELECTRIC CO., PHILADEL-EMIA, PA. REPORT NO. NASA CR-66827. CONTRACT NO. NAS1-8770. STAR N70-15206.
NR-H8-00-000-00568	STATISTICAL ANALYSIS OF A PLANETARY RADAR ALTIMETER MEASUR-ING UNIT. DR. WILLIAM D. STANLEY AND WAYNE R. POWELL, OLD DOMINION COLLEGE, NORFOLD, VA. REPORT NOS. NASA CR-66784 AND TR-69-101. STAR N70-14129.
NR-H8-00-000-00569	A GRILLE SPECTROMETER FOR MEASUREMENTS NEAR 14 MICROMETERS. BRIAN A. TINSLEY, SOUTHWEST CENTER FOR ADVANCED STUDIES, DALLAS, TEXAS. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 9, SEPT. 1969. PP.1831-1835. A70-11917
NR-H8-00-000-00570	TERRAIN ILLUMINATION FOR AERIAL PHOTOGRAPHY. ROBERT H. COX, EDGERTON, GERMESHAUSEN AND CRIER, INC., BEDFORD, MASS. PUBLISHED IN OPTICAL SPECTRA, VOL. 2, NO. 1, JAN./FEB. 1968. PP.55-58. A68-26544
NR-H8-00-000-00571	A BONDING MATERIAL USEFUL IN THE 2-14 MICROFICHE SPECTRAL RANGE. RICHARD D. PACKARD, NASA, ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 9, SEPT. 1969. PP.1901-1903. A70-11926.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00572	SOME APPLICATIONS OF ANAMORPHIC HOLOGRAPHY. R.K. PETERSON, GOODYEAR AEROSPACE CORP., AKRON, OHIO. PRESENTED AT THE '69 NAECON - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, NATIONAL AEROSPACE ELECTRONICS CONFERENCE, 21ST, DAYTON, OHIO. PUBLISHED IN THE '69 NAECON - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, PROCEEDINGS, MAY 1969. PP.7-12. A69-34062.
NR-H8-00-000-00573	IMAGE DEBLURRING AND APERTURE SYNTHESIS USING A POSTERIORI PROCESSING BY FOURIER-TRANSFORM HOLOGRAPHY. GEORGE W. STROKE, ELECTRO-OPTICAL CENTER, NEW YORK STATE UNIVERSITY, STONY BROOK, NEW YORK. PUBLISHED IN OPTICA ACTA, VOL. 16, NO. 4, JULY-AUG. 1969. PP.401-422. A69-38793.
NR-H8-00-000-00574	CLIMATOLOGY AT WORK, MEASUREMENTS, METHODS AND MACHINES. GERALD L. BARGER AND JOHN C. NYHAN, NATIONAL WEATHER RECORDS CENTER, U.S. WEATHER BUREAU, ASHEVILLE, NORTH CAROLINA. OCT. 1960.
NR-H8-GJ-000-00575	CLASSIFICATION - NEW YORK STATE LAND USE AND NATURAL RESOURCES INVENTORY. STAFF, CENTER FOR AERIAL PHOTOGRAPHIC STUDIES, CORNELL UNIVERSITY. 1969.
NR-H8-GJ-000-00576	LAND USE AND NATURAL RESOURCE INVENTORY OF NEW YORK STATE. ROGER A. SWANSON, BUREAU OF COMPREHENSIVE PLANNING, NEW YORK STATE OFFICE OF PLANNING COORDINATION, ALBANY, NEW YORK. JUNE 1969. PB-187 986.
NR-H8-00-000-00577	PROFILS EXPERIMENTAUX DE L'HORIZON INFRAROUGE DE LA TERRE. A. GIRARD AND M.P. LEMAITRE, OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES, CHATILLON, FRANCE. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 4, APRIL 1970. PP.903-913.
NR-H8-00-000-00578	ETUDE BIBLIOGRAPHIQUE SUR LES FIBRES OPTIQUES. M. ABRAHAM, LABORATOIRE DE RECHERCHES BALISTIQUES ET AERODYNAMIQUES, VERNON, FRANCE. SEPT. 1969. STAR N70-16083.
NR-H8-00-000-00579	DIFFRACTION-LIMITED RESOLUTION FOR GEOSCIENCE IMAGERY. JOSEPH OTTERMAN, GENERAL ELECTRIC CO., PHILADELPHIA, PA. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 9, SEPT. 1969. PP.1187-1189. A70-11924.
NR-H8-00-000-00580	PRECISION SENSOR ALIGNMENT. FINAL REPORT. HAROLD H. SEWARD HI CONTROLS CO., INC., ARLINGTON, MASS. DEC. 1969. REPORT NO. CR-86307. CONTRACT NO. NAS12-2056. STAR N70-16350.
NR-H8-00-000-00582	FLUGZEUGMESSUNGEN DER BODENOBERFLACHENTEMPERATUR AM HOHENPEISSENBERG UND IN SEINER UMGEBUNG. DIETER LORENZ, METEOROLOGISCHES OBSERVATORIUM HOHENPEISSENBERG, OBERBAYERN, DEUTSCHLAND, WEST GERMANY. PUBLISHED IN ARCHIV FUR METEOROLOGIE, GEOPHYSIK UND BIOKLIMATOLOGIE, SERIE B, VOL. 17, NO. 4, 1969. PP.369-390. A70-17415.
NR-H8-00-000-00583	NIMBUS 11 HIGH RESOLUTION INFRARED DATA WORLD MONTAGE CATALOG, 20 MAY THROUGH 15 NOVEMBER 1966, ORBITS 63 TO 2454. ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. AND GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JAN. 1967.
NR-H8-HH-092-00584	BACKGROUND STUDY OF PUERTO RICO, BRIEFING REPORT FOR USE IN AERIAL SENSING STUDIES OF TROPICAL AREAS. CRREL SPECIAL REPORT 71. VIRGINIA L. PRENTICE, U.S. ARMY MATERIAL COMMAND, COLD REGIONS RESEARCH + ENGINEERING LABORATORY, HANOVER, NEW HAMPSHIRE. FEB. 1965. AD-458 509.
NR-H8-FJ-149-00587	TERRAIN INFLUENCES ON EFFECTIVE GROUND CONDUCTIVITY. ALBERT W. BIGGS, BOEING CO., SEATTLE, WASHINGTON. PUBLISHED IN IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-8, NO. 2, APRIL 1970. PP.106-114.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00588	INFORMATION, AND THE RESTORABILITY OF IMAGES. B. ROY FRIEDEN, UNIVERSITY OF ARIZONA, TUCSON, ARIZONA. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 60, NO. 4, APRIL 1970. PP.575-576.
NR-H8-00-000-00589	A BIBLIOGRAPHY OF MICROWAVE ULTRASONICS. ALAN B. SMITH AND RICHARD W. DAMON, SPERRY RAND RESEARCH CENTER, SUDBURY, MASS. PUBLISHED IN IEEE TRANSACTIONS ON SONICS AND ULTRASONICS, VOL. SU-17, NO. 2, APRIL 1970. PP.86-111.
NR-H8-00-000-00591	ALBEDO AND EARTH-RADIATION MEASUREMENTS FROM OSO-11. B. DOUGLAS PEARSON, JR. AND CARR B. NEEL, NASA, AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. PUBLISHED IN THERMOPHYSICS OF SPACE CRAFT AND PLANETARY BODIES, NEW YORK ACADEMIC PRESS, 1967. PP.439-456. PUBLISHED IN PROGRESS IN ASTRONAUTICS AND AERONAUTICS, VOL. 20, 1967. PP.439-456.
NR-H8-00-000-00592	INFRARED REFLECTANCE MEASUREMENTS. FINAL REPORT JAN. 67-JUNE 69. JOSEPH C. RICHMOND AND JON C. GEIST, NATIONAL BUREAU OF STANDARDS, BOULDER, COLO. JUNE 1969. REPORT NOS. NASA-CR-107844 AND NBS-10071. CONTRACT NO. R-09-022-032, L-80662. STAR N70-17622.
NR-H8-00-000-00593	ANALOGY BETWEEN HOLOGRAPHY AND INTERFEROMETRIC IMAGE FORMATION. J.W. GOODMAN, STANFORD UNIVERSITY, STANFORD, CALIF. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 60, NO. 4, APRIL 1970. PP.506-509. A70-28120 AD-700 588 MICROFICHE AND HARD COPY.
NR-H8-00-000-00594	THE LOOK OF OUR LAND - AN AIRPHOTO ATLAS OF THE RURAL UNITED STATES - THE FAR WEST. AGRICULTURAL HANDBOOK NO. 372. SIMON BAKER AND HENRY W. DILL, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. JAN. 1970.
NR-H8-00-000-00595	BIOLOGY AND ENGINEERING OF SPACE AND PLANETARY LIFE SYSTEMS, ANNUAL REPORT, SEPT. 1969. COLORADO STATE UNIVERSITY, FORT COLLINS, COLO. REPORT NO. NASA CR-108218. CONTRACT NO. NCR-06-002-038. STAR N70-19925 AND N70-19928.
NR-H8-00-000-00596	EXTINCTION OF INFRARED RADIATION DUE TO ATMOSPHERIC HAZE. BIOLOGY AND ENGINEERING OF SPACE AND PLANETARY LIFE SYSTEMS, ANNUAL REPORT, SEPT. 1969. YUNN PANN AND WILLIAM MARLATT, COLORADO STATE UNIVERSITY, FORT COLLINS, COLO. STAR N70-19928.
NR-H8-00-000-00597	ECONOMIC VIABILITY OF A SATELLITE SURVEYING SYSTEM. FINAL REPORT. WILLIAM E. BROCKMAN, BOOZ-ALLEN APPLIED RESEARCH, INC., BETHESDA, MARYLAND. DEC. 1969. REPORT NOS. NASA CR-109080 AND 9019-030-9. CONTRACT NO. NASW-1674. STAR N70-21091.
NR-H8-00-000-00599	M-33 RADAR MODIFICATION. NATURAL RESOURCES RESEARCH INSTITUTE, INFORMATION CIRCULAR NO. 41, ROBERT S. ROACH AND ROBERT L. WILLIAMS, UNIVERSITY OF WYOMING, LARAMIE, WYOMING. JAN. 1967. CONTRACT NO. 14-06-D-6002.
NR-H8-00-000-00600	AERODETIC ASPECTS OF ALTIMETRY. NATURAL RESOURCES RESEARCH INSTITUTE, INFORMATION CIRCULAR NO. 20. JOHN C. BELLAMY, UNIVERSITY OF WYOMING, LARAMIE, WYOMING. FEB. 1963.
NR-H8-00-000-00602	INSTRUCTION MANUAL - SATELLITE INFRARED SPECTROMETER ON-BOARD SEQUENCER (SOBS) 1968. GULTON INDUSTRIES, INC., ALBUQUERQUE, NEW MEXICO. REPORT NO. GI-8033.
NR-H8-00-000-00603	EXPLOITATION OF DIGITIZED GEOMAGNETIC DATA. MASAHIKA SUGIURA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. PRESENTED AT THE INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY, GENERAL SCIENTIFIC ASSEMBLY, MADRID, SEPT. 65. REPORT NOS. NASA-TM-X-63803 AND X-612-69-553. STAR N70-17684.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00604	LIDAR MEASUREMENT OF BACKSCATTER AND ATTENUATION OF ATMOSPHERIC AEROSOL. P.M. HAMILTON, CENTRAL ELECTRICITY RESEARCH LABORATORIES, LEATHERHEAD, SURREY, ENGLAND. PUBLISHED IN ATMOSPHERIC ENVIRONMENT, VOL. 3, NO. 2, MARCH 1969. PP.221-223.
NR-H8-00-000-00606	MULTIPLE-PASS NONDIFFUSE HOLOGRAPHIC INTERFEROMETRY. FREDERIC WEIGL, COLLINS RADIO CO., DALLAS, TEXAS, OTTO M. FRIEDRICH, JR. AND ARWIN A. DOUGAL, UNIVERSITY OF TEXAS, AUSTIN, TEXAS. PUBLISHED IN IEEE JOURNAL OF QUANTUM ELECTRONICS, VOL. QE-6, JAN. 1970. PP.41-44. A70-3360.
NR-H8-00-000-00607	REDUCTION OF LONGITUDINAL DISTORTION IN ULTRASONIC HOLOGRAMS. ARTHUR M. SHERWOOD, DUKE UNIVERSITY, DURHAM, N.C. PUBLISHED IN IEEE PROCEEDINGS, VOL. 58, FEB. 1970. PP.268-269. A70-23805.
NR-H8-00-000-00608	THE DEVELOPMENT OF FORWARD SOUNDING SENSORS. H.W. DUCKWORTH, MINISTRY OF TECHNOLOGY, ROYAL RADAR ESTABLISHMENT, MALVERN, WORCS, ENGLAND. PRESENTED AT THE ELECTRONICS FOR CIVIL AVIATION, ELECTRONICS ENGINEERING ASSOCIATION, AND MINISTRY OF TECHNOLOGY, UNITED KINGDOM, SYMPOSIUM, LONDON, ENGLAND, SEPT. 1969. PUBLISHED IN THE PROCEEDINGS OF THE ELECTRONICS FOR CIVIL AVIATION, ELECTRONIC ENGINEERING ASSOCIATION, AND MINISTRY OF TECHNOLOGY, UNITED KINGDOM, PART 2, SECTION B, CATEGORY 1, PAPER NO. 9. A70-11989.
NR-H8-00-000-00610	INFRARED SPECTRAL ABSORPTION COEFFICIENTS FOR WATER VAPOR. W.F. HERGET AND J.S. MUIRHEAD, NORTH AMERICAN ROCKWELL CORP. CANOGA PARK, CALIFORNIA. PUBLISHED IN JOURNAL OF OPTICAL SOCIETY OF AMERICA, VOL. 60, NO. 2, FEB. 1970. PP.180-183. CONTRACT NOS. NAS8-20397 AND NAS8-19. A70-22069.
NR-H8-00-000-00611	HIGH HOPES FOR LASER ALTIMETRY. JAMES E. HOPSON, RAYTHEON CO. AND RUDY C. BEAVIN, WRIGHT-PATTERSON AFB, OHIO. PUBLISHED IN LASER FOCUS, VOL. 6, NO. 5, MAY 1970. PP.39-41.
NR-H8-00-000-00612	STUDIES IN ATMOSPHERIC ENERGETICS BASED ON AEROSPACE PROBLEMS. ANNUAL REPORT-1966. UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN. MARCH 1967.
NR-H8-00-000-00614	ONE-WAY RADIO RANGE MEASUREMENTS FOR SURVEYING AND NAVIGATION. DR. H.C. FREIESLEBEN, STANDARD ELEKTRIK LORENZ, STUTTGART, GERMANY. PUBLISHED IN NAVIGATION - JOURNAL OF THE INSTITUTE OF NAVIGATION, VOL. 1, NO. 1, SPRING 1970. PP.20-23.
NR-H8-00-000-00615	GEOMAGNETIC PULSATIONS. TAKAO SAITO, TOHOKU UNIVERSITY, SENDAI, JAPAN. PUBLISHED IN SPACE SCIENCE REVIEWS, VOL. 10, DEC. 1969. PP.319-412. A70-20641.
NR-H8-00-000-00616	OPTICAL TECHNIQUES FOR TARGET ENHANCEMENT AND BACKGROUND REJECTION. FINAL REPORT. THE TE CO., SANTA BARBARA, CALIF. JUNE 1963. REPORT NO. TR-2001. CONTRACT NO. NONR-3914(00). AD-408 268.
NR-H8-00-000-00617	MAPPING THE EARTH WITH ELASTIC WAVE HOLOGRAPHY. DANIEL SILVERMAN, PAN AMERICAN PETROLEUM CORP., TULSA, OKLA. PUBLISHED IN IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-7, NO. 4, OCT. 1969. PP.190-199.
NR-H8-00-000-00618	DUPLEXER FOR SIDE-LOOKING RADAR. M. KING AND B. MAHER, LITTON INDUSTRIES, MORRIS PLAINS, N.J. OCT. 1968. REPORT NOS. R11-562 AND TR-ECOM-0201-F. CONTRACT NO. DAAB07-67-C-0201. AD-681 238



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00619	PARAMETRIC IMAGE CONVERSION - PART 1. ARTHUR H. FIRESTER, RCA LABORATORIES, PRINCETON, N.J. PUBLISHED IN JOURNAL OF APPLIED PHYSICS, VOL. 40, NOV. 1969. PP.4842-4849. A70-18991.
NR-H8-00-000-00620	DUAL-FREQUENCY RANGING AT NARROW SEPARATION FREQUENCIES AS A METHOD OF REDUCING SATELLITE RANGING ERRORS DUE TO THE IONOSPHERE. PERRY I. KLEIN, COMMUNICATIONS SATELLITE CORP., WASHINGTON, D.C. PUBLISHED IN IEEE PROCEEDINGS, VOL. 57, NO. 10, OCT. 1969. PP.1768-1769.
NR-H8-00-000-00621	EXPOSITIONS MULTIPLES SUR UN HOLOGRAMME. QUALITE DES IMAGES RESTITUEES. APPLICATIONS. APPLICATIONS. H. ROYER AND P. SMIGIELSKI, INSTITUT FRANCO-ALLEMAND DE RECHERCHES SAINT-LOUIS, HAUT-RHIN, FRANCE. PRESENTED AT SYMPOSIUM ON APPLICATIONS OF COHERENT LIGHT. FLORENCE, ITALY, SEPT. 1968. PUBLISHED IN OPTICA ACTA, VOL. 17, NO. 2, FEB. 1970. PP.97-105. A70-22718.
NR-H8-00-000-00622	VIG NON-CONTACT THERMOMETER. I.J. KAMPEL, MULLARD, LTD., SALSFORDS, SURREY, ENGLAND. PUBLISHED IN OPTICS TECHNOLOGY, VOL. 2, FEB. 1970. PP.44-45. A70-22788.
NR-H8-00-000-00623	A COMPARISON OF OPTICAL AND ELECTRONIC CORRELATION TECHNIQUES. DANIEL C. KOWALSKI, BENDIX RESEARCH LAB., SOUTHFIELD, MICH. PUBLISHED IN SPIE JOURNAL, VOL. 8, JAN. 1970. PP.47-55. CONTRACT NOS. AF30(602)-2942 AND AF30(602)-4220. A70-23067.
NR-H8-00-000-00624	SATELLITE STUDIES OF THE LOWER ATMOSPHERE. WILLIAM NORDBERG GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. PUBLISHED IN SPACE SCIENCE REVIEWS, DORDRECHT, HOLLAND, VOL. 7, NO. 5/6, DEC. 1967. PP.539-578. A68-22561.
NR-H8-00-000-00626	REPORT TO COSPAR FRENCH SPACE PROGRAM. TRANSLATION OF RAPPORT AU COSPAR, COMITE MONDIAL DE LA RECHERCHE SPATIALE, FRENCH SPACE PROGRAM 12TH MEETING, PRAQUE, MAY 1969. STAR N70-20064 THRU N70-20071.
NR-H8-00-000-00628	ANALYSE FINE, TRAITEMENT PAR CALCULATEUR ET RESTITUTION DE PHOTOGRAPHIES. (SHARP ANALYSIS, COMPUTER TREATMENT, AND PHOTOGRAPHIC RECONSTRUCTION). G. MAINCENT, DELEGATION MINISTERIELLE POUR L'ARMEMENT, LABORATOIRE DE RECHERCHES BALISTIQUES ET AERODYNAMIQUES, VERNON, EURE, FRANCE. PUBLISHED IN L'ONDE ELECTRIQUE, VOL. 49, FASC. 9, OCT. 1969. PP.982-988. A70-12614
NR-H8-00-000-00629	SOLAR SPECTRAL IRRADIANCE MEASURED FROM 11.58 KM WITH A LEISS MONOCHROMATOR AND A PHOTOELECTRIC FILTER RADIOMETER. J.J. WEBB, C.H. DUNCAN, ET AL., NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 2, FEB. 1970. PP.345-349. A70-23515.
NR-H8-00-000-00630	LUNAR LANDING SITE SUMMARY BOOK. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. APRIL 1970. CONTRACT NO. NAS 9-5191.
NR-H8-00-000-00631	SPECTRUM ENGINEERING SYSTEM PILOT PROJECT. REPORT NUMBER P-4006. A.L. HIEBERT, AND S.A. SCHARFF, RAND CORP, SANTA MONICA, CALIFORNIA. JAN. 1969. AD-682 291.
NR-H8-00-000-00632	OPTICAL HOLOGRAPHIC INTERFEROMETRY FOR SPACE-TIME RESOLVED REFRACTIVE INDEX MEASUREMENTS. TECHNICAL MEMORANDUM NO. 13, JUNE 1969. OTTO M. FRIEDRICH, JR., FREDERIC WEIGL, AND ARWIN A. DOUGLA, UNIVERSITY OF TEXAS, AUSTIN, TEXAS. AD-701 422.

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00633	THE HOLOGRAPHIC STEREOGRAM. QUANTUM ELECTRONICS LAB., SCIENTIFIC NO. 10. JOHN T. MC CRICKERD, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. REPORT NO. AFOSR-69-2143 TR. CONTRACT NO. AF-AFOSR-68-1492. STAR N70-21192.
NR-H8-00-000-00634	TRANSIENT RESPONSE PHOTOGRAPHIC DATA PROCESSING SYSTEM. C. GABRIEL AND P. GREKA, GENERAL ELECTRIC CO., NEW YORK, NEW YORK. PRESENTED AT SOCIETY FOR INFORMATION DISPLAY AND SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, JOINT SESSIONS, SAN FRANCISCO, CALIF., AUG. 1969. PROCEEDINGS OF THE SOCIETY FOR INFORMATION DISPLAY, VOL. 10, FALL 1969. PP.1-8. A70-22030.
NR-H8-00-000-00635	NASA PROGRAM OF AIRBORNE OPTICAL OBSERVATIONS. M. BADER AND C.B. WAGONER, NASA, AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. PUBLISHED IN APPLIED OPTICS, VOL. 9, FEB. 1970. PP.265-270. A70-23504.
NR-H8-00-000-00636	EQUATION COMPARISON SHOWS SIMILARITY IN SONAR/RADAR WORK. A.D. COLLINS, WESTINGHOUSE DEFENSE + SPACE CENTER, BALTIMORE, MARYLAND. PUBLISHED IN UNDERSEA TECHNOLOGY, VOL. 11, NO. 5, MAY 1970. PP.47-48.
NR-H8-00-000-00637	STATISTICAL MODELS FOR INTERPRETING AEROMAGNETIC DATA. A. SPECTOR, LOCKWOOD SURVEY CORP. LTD., TORONTO, CANADA AND F.S. GRANT, HUNTEC LIMITED, TORONTO, CANADA. PUBLISHED IN GEOPHYSICS, VOL. 35, NO. 2, APRIL 1970. PP.293-302.
NR-H8-00-000-00639	NEAR-INFRARED LIGHT SCATTERING BY TERRESTRIAL CLOUDS. JAMES E. HANSEN, NASA, GODDARD INSTITUTE FOR SPACE STUDIES, NEW YORK, N.Y. AND JAMES B. POLLACK, CORNELL UNIVERSITY, ITHACA, NEW YORK. PUBLISHED IN THE JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 27, MARCH 1970. PP.265-281. CONTRACT NOS. NGR-33-010-082, NGR-33-008-012, AND NSF GRANT GA-1086. A70-25649.
NR-H8-00-000-00640	REMOTE MEASUREMENTS OF ATMOSPHERIC WATER VAPOR PROFILES USING THE RAMAN COMPONENT OF LASER BACKSCATTER. JOHN COONEY NATIONAL CENTER FOR ATMOSPHERIC RESEARCH, BOULDER, COLO. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 9, FEB. 1970. PP.182-184. A70-23938.
NR-H8-00-000-00641	SOLAR-BLIND PHOTOELECTRIC DETECTION SYSTEMS FOR SATELLITE APPLICATIONS. J. RECHAVI, SYSTEMS RESEARCH GROUP, TEL AVIV, ISRAEL AND P.J. MACAR, HARVARD COLLEGE OBSERVATORY, CAMBRIDGE, MASS. PUBLISHED IN PHOTO OPTICS, VOL. 9, NO. 3, MARCH 1970. PP.581-593. CONTRACT NOS. NAS5-9274 AND NASW-184. A70-25628.
NR-H8-00-000-00642	APPLICATIONS OF DIGITAL IMAGE PROCESSING. F.C. BILLINGSLEY, CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LAB., PASADENA, CALIF. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 2, FEB. 1970. PP.289-299. TECHNICAL REPORT NO. 32-1482. A70-23507.
NR-H8-00-000-00643	WILD RC10 UNIVERSAL FILM CAMERA. WILD HEERBRUGG LTD., CH-9435 HEERBRUGG, SWITZERLAND. JUNE 1968.
NR-H8-00-000-00644	POLARIZATION OF REFLECTED SOLAR RADIATION OVER LAND, SEA AND CLOUD SURFACES. T.A. HARIHARAN, UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIF. PUBLISHED IN PURE AND APPLIED GEOPHYSICS, VOL. 77, NO. 6, 1969. PP.141-158. CONTRACT NO. GRANT NGR-05-007-041. A70-23603.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00645	A NEW TECHNIQUE OF INTERPRETING GRAVITY AND VERTICAL MAGNETIC ANOMALIES DUE TO INFINITE HORIZONTAL CYLINDRICAL OR BODIES. B.S.R. RAO, T.K.S. PRAKASA RAO, AND T. HARANATH BABU, ANDHRA UNIVERSITY, WALTAIR, INDIA. PUBLISHED IN PURE AND APPLIED GEOPHYSICS, VOL. 77, NO. 6, 1969. PP.5-10. A70-23601.
NR-H8-00-000-00646	A THEORY OF PATTERN PERCEPTION BASED ON HUMAN PHYSIOLOGY. M. KABRISKY AND O. TALLMAN, U.S. AIR FORCE, WRIGHT-PATTERSON AFB, OHIO. PUBLISHED IN ERGONOMICS, VOL. 13, NO. 1, JAN. 1970. PP.129-147. A70-24770.
NR-H8-00-000-00647	LASER-LIGHT SPATIAL-DOMAIN SCANNING DECONVOLUTION OF BLURRED PHOTOGRAPHS USING THE GENERAL HOLOGRAPHIC DEBLURRING FILTER. G.W. STROKE, M. HALIOJA, AND G. INDEBETOUW, NEW YORK STATE UNIVERSITY, STONY BROOK, NEW YORK. PUBLISHED IN PHYSICS LETTERS, VOL. 31A, NO. 6, MARCH 23, 1970. PP.341-342. CONTRACT NO. NGR-33-015-06e. A70-25832.
NR-H8-00-000-00648	ATMOSPHERIC STRUCTURE AND RADAR BACKSCATTERING IN CLEAR AIR. HANS OTTERSTEN, U.S.A.F., CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. PUBLISHED IN RADIO SCIENCE, VOL. 4, NO. 12, DEC. 1970. PP.1179-1193. REPORT NO. AFRL-70-0127. A70-22361.
NR-H8-00-000-00649	A THIN-FILM CAPACITIVE BLOMETER. J. MASERJIAN, CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LAB., PASADENA, CALIF. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 2, FEB. 1970. PP.307-315. A70-23509.
NR-H8-00-000-00650	OPTICAL DEVICES TO INCREASE PHOTOCATHODE QUANTUM EFFICIENCY. V.D. CUNTER, JR., G.R. GRANT, AND S.A. SHAW, NASA, AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 2, FEB. 1970. PP.251-257. A70-23502.
NR-H8-00-000-00651	RADAR BACKSCATTERING FROM THE TURBULENT CLEAR ATMOSPHERE. HANS OTTERSTEN, U.S.A.F., CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. PUBLISHED IN RADIO SCIENCE, VOL. 4, DEC. 1969. PP.1251-1255. A70-22366.
NR-H8-00-000-00652	ELECTRICAL SENSORS OF TEMPERATURE. W.A. MACON III. PUBLISHED IN RESEARCH/DEVELOPMENT, VOL. 21, NO. 6, JUNE 1970. PP.22-29. A70-32798
NR-H8-00-000-00653	ON THE POSSIBLE ABSORPTION OF VISIBLE LIGHT BY CLOUDS AND INFORMATION CONTENT AND INDIRECT SENSING MEASUREMENTS. S. TWOMEY, DIVISION OF RADIOPHYSICS, CSIRO, SYDNEY, AUSTRALIA. PUBLISHED IN JOURNAL OF THE ATMOSPHERIC SCIENCES VOL. 27, NO. 3, MAY 1970. PP.514-518.
NR-H8-00-000-00654	UPCONVERSION - A NEW TECHNIQUE FOR INFRARED TO VISIBLE CONVERSION. A.H. FIRESTER, RCA LAB., PRINCETON, N.J. PUBLISHED IN IEEE INTERNATIONAL CONVENTION DIGEST 1970, PAPER 1A.3. PP.22-23.
NR-H8-00-000-00655	A RADAR IMAGE CORRELATION VIEWER. W.R. AMBROSE, BAUSCH + LOMB, INC., ROCHESTER, N.Y. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NO. 2, 1967. PP.211-214. PRESENTED AT THE AMERICAN SOCIETY OF PHOTOGRAMMETRY, ANNUAL CONVENTION WASHINGTON, D.C. MARCH 1966.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

Reproduced from  
best available copy.



ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00656	FAR INFRARED AIRBORNE SPECTROSCOPY. J. A. EDDY, R. H. LEE, R. M. MACQUEEN, NATIONAL CENTER FOR ATMOSPHERIC RESEARCH, BOULDER, COLO., AND P. J. LENA, PARIS OBSERVATOIRE, MEUDON, HAUTS-DE-SEINE, FRANCE. PUBLISHED IN APPLIED OPTICS, VOL. 9, FEB. 1970. PP.439-446. A70-23525.
NR-H8-00-000-00657	A DUPLEX SCHLIEREN SYSTEM. WALTER F. LINSEY, NASA, LANGLEY RESEARCH CENTER, HAMPTON, VA. PUBLISHED IN THE PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, VOL. 2, AUG. 1969. PP.267-271. PRESENTED AT THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, ANNUAL TECHNICAL SYMPOSIUM AND EXHIBORAMA, 14TH, SAN FRANCISCO, CALIF. AUG. 1969. A70-23766.
NR-H8-00-000-00658	THE USE OF HOLOGRAPHIC SUBTRACTION IN THE OPTICAL PROCESSING OF RECONNAISSANCE DATA. M. A. MONAHAN, K. BROMLEY, AND J. F. BRYANT, NAVAL ELECTRONICS LABORATORY CENTER, SAN DIEGO, CALIF., B. J. THOMPSON, INSTITUTE OF OPTICS, UNIVERSITY OF ROCHESTER, ROCHESTER, NEW YORK. PRESENTED AT AGARD AVIONICS PANEL TECHNICAL SYMPOSIUM, 17TH, TONSBERG, NORWAY, OCT. 1969, PAPER NO. 18. AD-701 327. N70-29662
NR-H8-00-000-00659	ATMOSPHERE EXPLORER (SATELLITE). PUBLISHED IN SPACE WORLD, VOL. G-7-79, JULY 1970.
NR-H8-00-000-00661	A HOLOGRAPHIC FLOW VISUALIZATION SYSTEM. J. E. O'HARE, ARO INC., ARNOLD AIR FORCE STATION, TENN. PRESENTED AT PHOTO-OPTICAL INSTRUMENTATION APPLICATIONS AND THEORY, SOCIETY OF PHOTO-OPTICAL INSTRUMENTATIONS ENGINEERS, ANNUAL TECHNICAL SYMPOSIUM AND EXHIBORAMA, 14TH, SAN FRANCISCO, CALIF., AUG. 1969. PUBLISHED IN PROCEEDINGS OF THE PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, VOL. 2, AUG. 1969. PP.499-510. A70-23781.
NR-H8-00-000-00663	NOVEL CORRELATIONS BETWEEN GLOBAL FEATURES OF THE EARTH'S GRAVITATIONAL AND MAGNETIC FIELDS. R. HIDE, METEOROLOGICAL OFFICE, BRACKNELL, BERKS, ENGLANDS AND S. R. C. MALIN, INSTITUTE OF GEOLOGICAL SCIENCES, HERSTMONCEUX CASTLE, SUSSEX, ENGLAND. PUBLISHED IN NATURE, VOL. 225, FEB. 14, 1970. PP.605-609. A70-22381.
NR-H8-00-000-00664	EXAMETNET DATA REPORT SERIES- ANNUAL REPORT, 1968. NASA SP-231. SHELLENGER RESEARCH LAB., UNIVERSITY OF TEXAS, EL PASO. 1970
NR-H8-00-000-00665	STATE OF THE ART OF PATTERN RECOGNITION. GEORGE NAGY, IBM CORPORATION, YORKTOWN HEIGHTS, NEW YORK. PUBLISHED IN IEEE PROCEEDINGS, VOL. 56, NO. 5, MAY 1968. PP.836-862.
NR-H8-00-000-00667	DER AQUIDENSITENFILM ALS HILFSMITTEL BEI DER PHOTOINTERPRETATION. E. RANZ AND S. SCHNEIDER, BAD GODSBERG LEVERKUSEN. PUBLISHED IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, MARCH 1970. PP.123-134. A70-24502.
NR-H8-00-000-00668	SPATIAL IMAGING OF SOUND FIELDS BY BRAGG DIFFRACTION OF LIGHT. A. KORPEL, ZENITH RADIO CORP., CHICAGO, ILL. PUBLISHED IN INTERNATIONAL JOURNAL OF NONDESTRUCTIVE TESTING, VOL. 1, FEB. 1970. PP.337-351.
NR-H8-00-000-00669	COLOUR V. BLACK-AND-WHITE RADIOGRAPHY. R. HALMSHAW, ROYAL ARMAMENT RESEARCH AND DEVELOPMENT ESTABLISHMENT, FORT HALSTEAD, KENT, ENGLAND. PUBLISHED IN THE INTERNATIONAL JOURNAL OF NONDESTRUCTIVE TESTING, VOL. 1, FEB. 1970. PP.295-304. A70-24168.
NR-H8-00-000-00670	LINEARIZATION OF CHARACTERISTIC CURVES IN PHOTOGRAPHIC PHOTOMETRY. GERARD DE VAUCCOLEURS, UNIVERSITY OF TEXAS, AUSTIN, TEXAS. PUBLISHED IN APPLIED OPTICS, VOL. 7, 1968. PP.1513-1518.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00671	ASSESSMENT OF IMAGE QUALITY OF OPTICAL SYSTEMS. Y. ICHIOKA AND T. SUZUKI, OSAKA UNIVERSITY, OSAKA, JAPAN. PUBLISHED IN APPLIED OPTICS, VOL. 7, NO. 5, MAY 1968. PP.927-937.
NR-H8-00-000-00672	A CLASSIFIED BIBLIOGRAPHY ON HOLOGRAPHY AND RELATED FIELDS. JOHN N. LATTA, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. PUBLISHED IN THE JOURNAL OF THE SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS, VOL. 77, 1968. PP.549-580.
NR-H8-00-000-00675	HOMOGENEOUS CHEMILUMINESCENT MEASUREMENT OF NITRIC OXIDE WITH OZONE, IMPLICATIONS FOR CONTINUOUS SELECTIVE MONITORING OF GASEOUS AIR POLLUTANTS. ARTHUR FONTIJN, ALBERTO J. SABADELL, AND RICHARD J. RONCO, AEROCHEM RESEARCH LABORATORIES, INC., PRINCETON, NEW JERSEY. PUBLISHED IN ANALYTICAL CHEMISTRY, VOL. 42, NO. 6, MAY 1970. PP.575-579.
NR-H8-EJ-022-00676	TRAILING CAMERA. J.L. COLP, W.H. PEPPER, SANDIA LAB., ALBUQUERQUE, NEW MEXICO. PUBLISHED IN JOURNAL OF SPACE-CRAFT AND ROCKETS, VOL. 5, NO. 5, 1968. PP.616-617.
NR-H8-00-000-00677	HOLOGRAPHY AND INTEGRAL PHOTOGRAPHY. ROBERT J. COLLIER, BELL TELEPHONE LAB., MURRAY HILL, NEW JERSEY. PUBLISHED IN PHYSICS TODAY, VOL. 21, NO. 7, JULY 1968. PP.54-63.
NR-H8-00-000-00678	SCATTERING BY COMPOSITE ROUGH SURFACES. P. BECKMANN, UNIVERSITY OF COLORADO, BOULDER, COLO. PUBLISHED IN PROCEEDINGS OF THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, VOL. 53, NO. 8, 1965. PP.1012-1015.
NR-H8-00-000-00679	AN AUTOCOLLIMATING FOCUS SENSOR FOR OPTICAL SYSTEMS OF HIGH ANGULAR RESOLUTION. J. RICHARD VICE, ITEX CORP., LEXINGTON, MASS. PUBLISHED IN SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS JOURNAL, VOL. 2, AUG. 1969. PP.237-259. PRESENTED AT THE PHOTO-OPTICAL INSTRUMENTATION APPLICATIONS AND THEORY, SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS PROCEEDINGS, ANNUAL TECHNICAL SYMPOSIUM AND EXHIBORAMA, 14TH, SAN FRANCISCO, CALIF., AUG. 1969. REPORT NO. ITEX 69-0147-1. A70-23764.
NR-H8-00-000-00680	POTENTIAL INSTITUTIONAL ARRANGEMENTS OF ORGANIZATIONS INVOLVED IN THE EXPLOITATION OF REMOTELY SENSED EARTH RESOURCES DATA. T.J. GORDON AND S. ENZER, INSTITUTE FOR THE FUTURE, MIDDLETOWN, CONN. PRESENTED AT THE AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MARYLAND, MARCH 1970, PAPER 70-334. A70-22859.
NR-H8-00-000-00681	POLAR EXPLORATION WITH NUMBUS METEOROLOGICAL SATELLITE. R.W. FOPHAM, U.S. WEATHER BUREAU, SUITLAND, MD. AND R.E. SAMUELSON, CODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. PUBLISHED IN ARCTIC, VOL. 18, NO. 4, DEC. 1965. PP.246-255.
NR-H8-00-000-00682	THE NUMBUS SATELLITE PROGRAM. DR. R.L. HALEY AND B.B. SCHARDT, NASA HEADQUARTERS, WASHINGTON, D.C. PRESENTED AT THE AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHILADELPHIA, PA., OCT. 1968, PAPER 68-1093. A68-44946.
NR-H8-00-000-00683	CREATIVITY POINTS A NEW WAY. DWIN R. CRAIG, INGENUICS, INC. GAITHERSBURG, MARYLAND. PUBLISHED IN SIGNAL, VOL. 24, NO. 10, JUNE 1970. PP.96-98, 100, AND 102.
NR-H8-00-000-00684	OPERATIONAL ENVIRONMENTAL SATELLITE SYSTEM. DR. CLIFFORD A. SPORN, NATIONAL ENVIRONMENTAL SATELLITE CENTER, ESSA, SUITLAND, MD. PRESENTED AT THE AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHILADELPHIA, PA., OCT. 1968, PAPER NO. 68-1092. A68-44989.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00685	THE INFLUENCE OF HAZE ON INFRARED RADIATION MEASUREMENTS DETECTED BY SPACE VEHICLES. WILFORD ZIUNKOWSKI, DONALD HENDERSON, AND J. VERN HALE'S, UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH AND INTERMOUNTAIN WEATHER, INC., SALT LAKE CITY, UTAH. PUBLISHED IN TELLUS, VOL. 17, MAY 1965. PP.147-165. A65-23818
NR-H8-00-000-00686	DETECTION RESULTS FOR SCANNING RADARS EMPLOYING FEEDBACK INTEGRATION. GERARD V. TRUNK, NAVAL RESEARCH LAB., WASHINGTON, D.C. PUBLISHED IN IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, VOL. AES-6, NO. 4, JULY 1970. PP.522-527.
NR-H8-00-000-00688	THE USES OF ORBITING REFLECTOR SATELLITES. A.G. BUCKINGHAM AND H.M. WATSON, WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MARYLAND. PRESENTED AT THE AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 4TH, ANAHEIM, CALIF., OCT. 1967, PAPER NO. 67-786. A67-42949.
NR-H8-00-000-00689	DIFFRACTION THEORY OF SHADOW KNIFE AND SLIT PHOTOMETRIC METHODS. L.A. VASILYEV, E.P. KAZANDZHAN, AND V.S. SUKHORUKIKH, USSR. PUBLISHED IN AKADEMY NAUK SSSR. DOKLADY, SERIJA FIZIKA (MOSCOW), VOL. 186, NO. 1, 1969. PP.70-72. REPORT NO. NASA-CR-108245. CONTRACT NO. NAS5-12487. STAR N70-19708.
NR-H8-00-000-00692	ECONOMIC ASPECTS OF IMPROVED WEATHER FORECASTING. J.C. THOMPSON, SAN JOSE STATE COLLEGE, SAN JOSE, CALIFORNIA. PRESENTED AT AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHILADELPHIA, PA., OCT. 1968, PAPER NO.68-1097.
NR-H8-00-000-00693	EXPERIMENT DESCRIPTION, INTEGRATION PROCESS AND SUPPORT EQUIPMENT DEVELOPMENT FOR AN ENVIRONMENTAL MEASUREMENTS EXPERIMENT PACKAGE OF THE APPLICATIONS TECHNOLOGY SATELLITE. L.W. RUSTAD AND W.C. KING, WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD. PRESENTED AT THE INTERNATIONAL ASTRONAUTICAL FEDERATION CONGRESS, 19TH, NEW YORK CITY, OCT. 1968 PAPER AS-114. A68-44303
NR-H8-00-000-00694	A METHOD FOR PREDICTING ATMOSPHERIC AEROSOL SCATTERING COEFFICIENTS IN THE INFRARED. E.A. BARNHARTT AND J.L. STREETE, LAB. FOR ATMOSPHERIC AND OPTICAL PHYSICS, SOUTH-WESTERN AT MEMPHIS, MEMPHIS, TENN. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 6, JUNE 1970. PP.1337-1344.
NR-H8-00-000-00695	A MODIFIED FOURIER TRANSFORM METHOD FOR MULTIPLE SCATTERING CALCULATIONS IN A PLANE PARALLEL MIE ATMOSPHERE. J.V. DAVE, AND J. GAZDAG, IBM SCIENTIFIC CENTER, PALO ALTO, CALIFORNIA. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 6, JUNE 1970. PP.1457-1466.
NR-H8-00-000-00696	A REVIEW OF SPACE RESEARCH. NATIONAL ACADEMY OF SCIENCES, SPACE SCIENCE BOARD, SUMMER STUDY, IOWA CITY, IOWA, JUNE-AUG. 1962, REPORT. REPORT NO. NAS-NRC PUBLICATION 1079.
NR-H8-00-000-00697	SPACE RESEARCH DIRECTIONS FOR THE FUTURE. NATIONAL ACADEMY OF SCIENCES, SPACE SCIENCE BOARD, STUDY, WOODS HOLE, MASS. 1965, REPORT. REPORT NO. NAS-NRS PUBLICATION 1403.
NR-H8-00-000-00698	AEROSPACE MEASUREMENT TECHNIQUES- SYMPOSIUM, CAMBRIDGE, MASS., JULY 1966, PROCEEDINGS. GENE G. MANNELLA, NASA/ ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. NASA SP-132. STAR N67-17781 TO N67-17795.
NR-H8-00-000-00699	MEASUREMENT AND INTERPRETATION OF REFRACTIVE INDEX DIFFERENCES. ARCHIE W. STRAITON, UNIVERSITY OF TEXAS, AUSTIN, TEXAS. IN EFFECTS OF ATMOSPHERIC WATER ON ELECTROMAGNETIC WAVE PROPAGATION- NATO, ADVANCED STUDY INSTITUTE, LONDON, ONTARIO, CANADA, SEPT. 1969, PROCEEDINGS (LONDON, WESTERN ONTARIO, 1970. PP.179-192. A70-28790.

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00700	ATMOSPHERIC THERMAL RADIATION DUE TO THE 22.235 GHZ (13.5 MM) AND 183.311 GHZ (1.64 MM) H <sub>2</sub> O ROTATIONAL LINES. D.L. CROOK, RADIO AND SPACE RESEARCH STATION, DITTON PARK, SLOUGH, BUCKS, ENGLAND. IN EFFECTS OF ATMOSPHERIC WATER ON ELECTROMAGNETIC WAVE PROPAGATION, NATO, ADVANCED STUDY INSTITUTE, LONDON, ONTARIO, SEPT. 1969, PROCEEDINGS (LONDON, WESTERN ONTARIO UNIVERSITY, 1970) PP.51-54. A70-28785
NR-H8-00-000-00701	SPECTROSCOPIC MEASUREMENTS OF WATER VAPOR-AIR WITH THE MICROWAVE DISPERSOMETER. H.J. LIEBE, ESSA, RESEARCH LAB, BOULDER, COLORADO. IN EFFECTS OF ATMOSPHERIC WATER ON ELECTROMAGNETIC WAVE PROPAGATION, NATO ADVANCED STUDY INSTITUTE, LONDON, ONTARIO, SEPT. 1969, PROCEEDINGS (LONDON, WESTERN ONTARIO UNIVERSITY, 1970) PP.40-52. A70-28784.
NR-H8-00-000-00702	THE EVOLUTION OF GROS-C AND THE RADAR ALTIMETER FOR GEODETIC MEASUREMENTS. TECHNICAL MEMORANDUM, REPORT NO. TG 1115. S.J. KOVAL, THE JOHNS HOPKINS UNIVERSITY, APPLIED PHYSICS LAB., SILVER SPRING, MARYLAND. MAY 1970. CONTRACT NUMBER N00017-62-C-0604.
NR-H8-00-000-00703	SCATTERING IN THE ATMOSPHERES OF THE EARTH AND THE PLANETS. H.C. VAN DE KULST, YERKES OBSERVATORY, UNIVERSITY OF CHICAGO. PUBLISHED IN THE ATMOSPHERES OF THE EARTH AND PLANETS, 1952 CHAPTER 3, PP.49-111.
NR-H8-00-000-00704	THE ABSORPTION SPECTRUM OF THE ATMOSPHERE. LEO GOLDBERG, UNIVERSITY OF MICHIGAN OBSERVATORY. PUBLISHED IN THE EARTH AS A PLANET, (THE SOLAR SYSTEM, VOL. 2), CHICAGO, UNIVERSITY OF CHICAGO PRESS, 1954, CHAPTER 9, PP.434-490.
NR-H8-00-000-00706	THE INTERNATIONAL SYSTEM OF UNITS. PHYSICAL CONSTANTS AND CONVERSION FACTORS. NASA SP-7012. E.A. MERTZLY, UNIVERSITY OF ILLINOIS. NASA/SCIENTIFIC AND TECHNICAL INFORMATION DIV., WASHINGTON, D.C. 1969.
NR-H8-00-000-00707	MESSUNGEN OBER DEN EINFLUSS DER TEMPERATUR AUF DIE SPEKTRALEN EIGENSCHAFTEN VON FARBEGLASFILTERN UND FOTOVERVIELFACHERN. (MEASUREMENTS OF THE INFLUENCE OF TEMPERATURE ON THE SPECTRAL CHARACTERISTICS OF COLORED-GLASS FILTERS AND PHOTOMULTIPLIERS. F.H. GIESEKING, BONN UNIVERSITAT, BONN, WEST GERMANY. PUBLISHED IN MESSTECHNIK, VOL. 77, OCT. 1969, PP.240-243. A70-12494
NR-H8-00-000-00708	COVERT, SOLID-STATE IMAGING SYSTEM. S. KENNEDY, J. HUNT, ET AL., FAIRCHILD SPACE AND DEFENSE SYSTEMS, SYOSSET, LONG ISLAND, NEW YORK. PRESENTED AT THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, ANNUAL TECHNICAL SYMPOSIUM AND EXHIBIT, 14TH, SAN FRANCISCO, CALIF., AUG. 1969. PUBLISHED IN PHOTO-OPTICAL INSTRUMENTATION APPLICATIONS AND THEORY, SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS PROCEEDINGS, VOL. 2, AUG. 1969. PP.43-47. A70-23752.
NR-H8-00-000-00709	RADAR SPECTRUM CONTROL. HAROLD R. WARD, RAYTHEON CO., WAYLAND, MASS. PRESENTED AT EASCON 69, IEEE ELECTRONICS AND AEROSPACE SYSTEMS CONVENTION, WASHINGTON, D.C. OCT. 1969. RECORD, PP.298-304. A70-27941.
NR-H8-00-000-00710	INTERCLUTTER VISIBILITY IN MTI SYSTEMS. D.K. HARTON AND W.W. SHRADER, RAYTHEON CO., WAYLAND, MASS. PRESENTED AT EASCON 69, IEEE ELECTRONICS AND AEROSPACE SYSTEMS CONVENTION WASHINGTON, D.C. OCT. 1969. RECORD, PP.294-297. A70-27940.
NR-H8-00-000-00711	MAN - THE FINAL STAGE OF AN ELECTRO-OPTICAL IMAGING SYSTEM. R.R. LEGAULT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. PRESENTED AT EASCON 69, IEEE, ELECTRONICS AND AEROSPACE SYSTEMS CONVENTION, WASHINGTON, D.C. OCT. 1969. RECORD, PP.16-21. A70-27903.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00712	IMAGE PROCESSING BY AN OPTICAL ANALOG DEVICE. ROLAND V. SHACK, UNIVERSITY OF ARIZONA, TUCSON, ARIZONA. PUBLISHED IN PATTERN RECOGNITION, VOL. 2, 1970. PP.123-126.
NR-H8-00-000-00713	MAN AND HIS ALTIMETER. DR. J.M. ROLFE, RAF, INSTITUTE OF AVIATION MEDICINE, FARNBOROUGH, HANTS, ENGLAND. PUBLISHED IN FLIGHT INTERNATIONAL, VOL. 97, MAY 1970. PP.819-821. A70-30287.
NR-H8-00-000-00715	MEASUREMENT OF AIR DENSITY. CLAY D. WESTLUND AND OBED C. HAY COCK, UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH. PRESENTED AT SPACE PROJECTIONS FROM THE ROCKY MT. REGION, PROCEEDINGS OF THE SYMPOSIUM, DENVER, COLORADO, JULY 1968, PAPER 68-2-3. A69-12809.
NR-H8-00-000-00716	STUDIES OF EARTH AIRGLOW. ALVIN M. DESPAIN AND DORAN J. BAKER, UTAH STATE UNIVERSITY, LOGAN, UTAH. PRESENTED AT SPACE PROJECTIONS FROM THE ROCKY MT. REGION, PROCEEDINGS OF THE SYMPOSIUM, DENVER, COLORADO, JULY 1968, PAPER 68-2-5. A69-12810
NR-H8-00-000-00717	THEORETICAL INTERPRETATION OF MOIRE PATTERNS, GERALD OSTER, ET AL., POLYTECHNIC INSTITUTE OF BROOKLYN, BROOKLYN, N.Y. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 54, NO. 2, FEB. 1964, PP.169-175.
NR-H8-00-000-00718	MOIRE PATTERNS - THEIR APPLICATION TO REFRACTIVE INDEX AND REFRACTIVE INDEX GRADIENT MEASUREMENT. YASUNORI NISHIJIMA, KYOTO UNIVERSITY, KYOTO, JAPAN, AND GERALD OSTER, POLYTECHNIC INSTITUTE OF BROOKLYN, BROOKLYN, N.Y. IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 54, NO. 1, JAN. 1964 PP.1-5.
NR-H8-SG-000-00719	AN ATLAS OF TIROS VII MONTHLY MAPS OF EMITTED RADIATION IN THE 8-12 MICRON ATMOSPHERIC WINDOW OVER THE INDIAN OCEAN AREA. NASA TN D-5101. EARL R. KREINS, MAJOR USAF, USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER, WASHINGTON, D.C., AND LEWIS J. ALLISON, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C. APRIL 1969. N69-23318
NR-H8-00-000-00720	ACCURACY OF IR HORIZON SENSORS AS AFFECTED BY ATMOSPHERIC CONSIDERATIONS. JOHN A. DOUGEN, AND HOWARD J. CURFMAN, JR. NASA LANGLEY RESEARCH CENTER, HAMPTON, VIRGINIA. PRESENTED AT THE - SPACECRAFT ATTITUDE DETERMINATION SYMPOSIUM, AEROSPACE CORPORATION, EL SEGUNDO, CALIF., OCT. 1969. 10 P. A70-31792
NR-H8-00-000-00725	APOLLO BLACK-AND WHITE TELEVISION SCAN CONVERTER. MICHAEL V. SULLIVAN, RCA CORP., PRINCETON, N.J. IN JOURNAL OF THE SMPTE, VOL. 79, NO. 7, JULY 1970. PP.621-625.
NR-H8-00-000-00726	A NOTE ON THE USE OF THE FAST FOURIER TRANSFORM. LARS INFORMATION NOTE 061367. H. MERRILL, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, LAFAYETTE, IND. 1967.
NR-H8-00-000-00727	HEATED EFFLUENTS AND EFFECTS ON AQUATIC LIFE WITH EMPHASIS ON FISHES. CORNELL UNIVERSITY WATER RESOURCES AND MARINE SCIENCES CENTER, PHILADELPHIA ELECTRIC CO., AND ICHTHYOLOGICAL ASSOCIATES, BULLETIN NO. 2, APRIL 1969. EDWARD C. RANEY AND BRUCE W. MENZEL, CORNELL UNIVERSITY, DIV. OF BIOLOGICAL SCIENCES, ITHACA, N.Y.
NR-H8-00-000-00728	OPTICAL TELESCOPE TECHNOLOGY, A WORKSHOP HELD AT MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA, APRIL 29-MAY 1, 1969. REPORT NO. NASA SP-233. NASA, OFFICE OF SPACE SCIENCE AND APPLICATIONS, WASHINGTON, D.C.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00729	REMOTE SENSING OF EARTH RESOURCES. A LITERATURE SURVEY WITH INDEXES. REPORT NO. NASA SP-7036. NASA, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C., 1970. N70-41047
NR-H8-SJ-000-00730	RADIO REFRACTIVE INDEX OVER INDIA AND NEIGHBOURHOOD FOR MICROWAVE PROPAGATION. S.P. VENKATESHWARAN, HAR SURENDRA SAMAI SINHA, METEOROLOGICAL OFFICE, LUCKNOW, INDIA, V.S. NARAYAN, INDIAN AIR FORCE, NEW DELHI, INDIA. IN JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, VOL. 29, FEB. 1970. PP.76-110. A70-32470.
NR-H8-00-000-00732	ON THE MEASUREMENT OF THE LUMINANCE AND LUMINOUS EFFICIENCY OF DISPLAY DEVICES. ALAN SOBEL, ZENITH RADIO CORP., CHICAGO ILL. IN SOCIETY FOR INFORMATION DISPLAY, PROCEEDINGS, VOL. 10, SUMMER 1969. PP.83-94. MICROFICHE COPY. A70-21762.
NR-H8-00-000-00733	HANDS OFF POSITIONING. IN ENGINEERING BULLETIN, VOL. 17, NO. 1, 1970. PP.16-23. MICROFICHE COPY. A70-21360.
NR-H8-00-000-00734	DETERMINATION OF HEMISPHERICAL EMITTANCE BY MEASUREMENTS OF INFRARED BI-HEMISPHERICAL REFLECTANCE. FINAL REPORT, JAN. 68-JUNE 69. REPORT NO. AEDC-TR-69-213. FRED G. SHERRELL, ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENN. CONTRACT NO. F40600-69-C-0001. MICROFICHE COPY. AD-696 621 N70-17035.
NR-H8-00-000-00737	OPTIMUM FORMS OF SPACE TRIANGULATION FIGURES. B.M. KLENITSKIY, USSR. TRANSLATION FROM GEODEZIYA I KARTOGRAFIYA, JAN. 1968. PP.7-18. MICROFICHE COPY.
NR-H8-00-000-00738	ANALITICHESKAIA OTSENKA CHUVSTVITELNOSTI DILATOKONDENSATORNOGO PRIEMNIKA TEПЛОВОГО IZLUCHEHIIA. (ANALYTICAL ESTIMATION OF THE SENSITIVITY OF A DILATOCAPACITOR RECEIVER OF THERMAL RADIATION). N.M. BRATSIUK AND A.P. GRITSENKO, UZHGORODSKII GOSDARSTVENNYI UNIVERSITET, UZHGOROD, UKRAINIAN SSR. IN INZHENERNO-FIZICHESKII ZHURNAL, VOL. 17, NOV. 1969. PP.866-870. MICROFICHE COPY. A70-19815.
NR-H8-00-000-00740	ECONOMIC FACTORS OF EARTH RESOURCES SATELLITE OBSERVATION AND INFORMATION SYSTEMS. MARY A. HOLMAN, GEORGE WASHINGTON UNIVERSITY, WASHINGTON, D.C. AT AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER 70-333. MICROFICHE COPY. A70-22860.
NR-H8-00-000-00741	SPEKTRALNAIA PROZRACHNOSTPRIZEMNOGO SLOIA ATMOSFERY DLIA IK IZLUCHEHIIA. (SPECTRAL TRANSPARENCY OF THE ATMOSPHERIC GROUND LAYER FOR IR RADIATION). V.L. FILIPOV AND S.O. MIRUMIANTS, USSR. IN AKADEMIIA NAUK SSSR. IZVESTIIA, FIZIKA ATMOSFERY I OKEANA, VOL. 5, NO. 12, DEC. 1969. PP.1285-1291. MICROFICHE COPY. A70-22179.
NR-H8-00-000-00742	O VLIIANII TEMPERATURY NA POGLOSCHENIE IK RADIATsii PARAMI H2O I CO2. (INFLUENCE OF TEMPERATURE ON THE ABSORPTION OF IR BY H2O AND CO2 VAPORS). N.I. MOSKALENKO AND S.O. MIRUMIANTS, USSR. IN AKADEMIIA NAUK SSSR. IZVESTIIA, FIZIKA ATMOSFERY I OKEANA, VOL. 5, NO. 12, DEC. 1969. PP.1292-1300. MICROFICHE COPY. A70-22180.
NR-H8-00-000-00743	INTERNATIONAL LEGAL AND POLITICAL ASPECTS OF EARTH RESOURCE SURVEYING BY SATELLITE. ROBERT F. PACKARD, U.S. DEPT. OF STATE, OFFICE OF SPACE AND ENVIRONMENTAL SCIENCES, WASHINGTON, D.C. AT AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER 70-331. MICROFICHE COPY. A70-22862.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00744	DATA MANAGEMENT AT THE NATIONAL SPACE SCIENCE DATA CENTER. J. I. VETTE AND N. KARLOW, NASA, GODDARD SPACE FLIGHT CENTER, NATIONAL SPACE SCIENCES DATA CENTER, GREENBELT, MARYLAND. AT AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER 70-320. MICROFICHE COPY. A70-22866.
NR-H8-00-000-00745	A MECHANISM OF TURBULENT TRANSFER IN THE ATMOSPHERIC SURFACE LAYER. S. ITO, METEOROLOGICAL AGENCY, TOKYO, JAPAN. IN METEOROLOGICAL SOCIETY OF JAPAN JOURNAL, VOL. 47, DEC. 1969. PP. 419-430. MICROFICHE COPY. A70-22051.
NR-H8-00-000-00748	ANALYSIS OF PROPAGATION MEASUREMENTS OVER IRREGULAR TERRAIN IN THE 76 TO 9200 MHZ RANGE. FINAL REPORT PHASE C, PART 1. REPORT NOS. ESSA-TR-ERL-114-ITS-82 AND SAMSO-TR-69-325. A. P. BARSIS, M.E. JOHNSON, AND M.J. MILES, INSTITUTE FOR TELECOMMUNICATION SCIENCES, BOULDER, COLO. CONTRACT NUMBER F04701-68-F-0072. MICROFICHE COPY. AD-699 072 N70-24207.
NR-H8-00-000-00749	APPLICATIONS OF OPTICAL DATA PROCESSING TECHNIQUES TO GEOLOGICAL IMAGERY. FINAL REPORT, JULY 67-JUNE 69. REPORT NO. AFRL-69-0386. RALPH H. MITCHEL, WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. CONTRACT NUMBER F19628-67-C-0402. MICROFICHE COPY. AD-695 120 N70-14158.
NR-H8-00-000-00751	PROPAGATION OF RADIO WAVES. G.P. GRUDINSKAYA, USSR. TRANSLATION OF RASPOSTRAVLENIE RADIOVOLN (MOSCOW), 1967. PP. 1-244. MICROFICHE COPY. AD-698 104 N70-21587.
NR-H8-00-000-00752	DERIVATION AND TESTS OF THE GODDARD COMBINED GEOPOTENTIAL FIELD (GSFC 1.70-C). REPORT NOS. X-552-70-104 AND NASA-TM-X-63883. JAMES P. MURPHY AND JAMES G. MARSH, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JAN. 1970. MICROFICHE COPY. N70-24848.
NR-H8-00-000-00753	TRIMMED-MEAN DETECTOR FOR NONCOHERENT DISTRIBUTIONS. INTERIM REPORT. REPORT NO. NRL-6997. GERARD V. TRUNK, U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. DEC. 1969. MICROFICHE COPY. AD-699 150 N70-24191.
NR-H8-00-000-00755	THE MEAN TERRAIN EFFECT. DEPT. OF GEODETIC SCIENCE REPORT NO. 91. REPORT NO. DGS-91. RICHARD H. RAPP, OHIO STATE UNIVERSITY RESEARCH FOUNDATION, COLUMBUS, OHIO. OCT. 1967. CONTRACT NO. F23601-67-C-0125. MICROFICHE COPY. AD-704 592
NR-H8-00-000-00760	METHOD OF DETERMINING THE MUTUAL ORIENTATION ELEMENTS OF AERIAL PHOTOGRAPHS. TRANSLATION OF PATENT (USSR) 230 431, FEB. 13, 1967. REPORT NO. FTD-HT-23-96-70. L.F. VALOV, USSR TRANSLATION-FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO. MICROFICHE COPY. AD-705 143
NR-H8-00-000-00761	ON THE BENDING OF A RAY THROUGH A SPHERICALLY SYMMETRIC ATMOSPHERE. REPORT NOS. NASA-TM-X-63867 AND X-643-69-425. HARVEY G. SAFREN, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. NOV. 1969. MICROFICHE COPY.
NR-H8-00-000-00763	DEVELOPMENT OF A TURBIDITY-MEASURING UNDERWATER OPTICAL RADAR SYSTEM. FINAL REPORT JUNE 68-AUG. 69. DAMALA S. KRISHNAN, WILLIAM E. EVANS, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. CONTRACT NO. N00014-68-C-0450. MICROFICHE COPY. AD-701 416.
NR-H8-00-000-00764	A SUMMARY OF THE THEORY OF OSCILLATORY WAVES. REPORT NO. TR-2. U.S. ARMY, CORPS OF ENGINEERS, WASHINGTON, D.C. MICROFICHE COPY. AD-701 196.

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00766	OTBOR I PEREDACHA INFORMATSII, VYPUSK 17. (THE SELECTION AND TRANSMISSION OF INFORMATION NO. 17). R.L. IMAS AND N.K. SYTNIK, EDITORS, AKADEMIIA NAUK UKRAINSKOI SSR, KIEV. NAUKOVA DUMKA, 1968. MICROFICHE COPY. N70-21030 THRU N70-21047
NR-H8-00-000-00767	SOME DOMESTIC LEGAL PROBLEMS IN THE EARTH RESOURCE SATELLITE PROGRAM. REPORT NO. NASA-CR-109191. GEORGE J. ALEXANDER AND JAMES P. McDONALD, SYRACUSE UNIVERSITY, SYRACUSE, NEW YORK. OCT. 1969. CONTRACT NO. N6L 33-022-090. MICROFICHE COPY. N70-21123.
NR-H8-00-000-00768	SAN MARCO PROJECT. LUIGI BROGLIO, ITALY. TRANSLATION OF SCUOLA DI INGEGNERIA AEROSPAZIALE ATTI DEL CENTRO RICERCHE AEROSPAZIALE, ROME, VOL. 15, JUNE 1967. MICROFICHE COPY. N70-21198.
NR-H8-00-000-00769	ON THE POSSIBILITY OF MEASURING THE GRAVITATIONAL RED SHIFT USING A SYNCHRONOUS SATELLITE, A LASER AND A FABRY-PEROT INTERFEROMETER. GARY RANSFORD, NASA, MSC, HOUSTON, TEXAS AND JOHN W. RHEE, ROSE POLYTECHNIC INSTITUTE, TERRE HAUTE, INDIANA. AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHILADELPHIA, PA., OCT. 1968. AIAA PAPER 68-1117. MICROFICHE COPY. A68-44979.
NR-H8-00-000-00770	SKHEMY FOTOELEKTRICHESKIKH USTROISTV DLIA FIKSATII POLOZHENIIA I SOVMESHCHENIIA DVUKH IZOBRAZHENII. (DIAGRAMS OF PHOTOELECTRIC DEVICES FOR POSITION FIXATION AND SUPERPOSITION OF TWO IMAGES.) A.V. NOVIKOV AND A.I. BIRULIN, USSR. IN RADIOTEKHNIKA (KHARKOV), NO. 8, 1969. PP.163-172. MICROFICHE COPY. A70-23635.
NR-H8-00-000-00772	FUNDAMENTAL LIMITATIONS IN THE LOW LIGHT-LEVEL PERFORMANCE OF DIRECT-VIEW IMAGE-INTENSIFIER SYSTEMS. REPORT NO. SRDE-69019. E.A. RICHARDS, SIGNALS RESEARCH AND DEVELOPMENT ESTABLISHMENT, CHRIST CHURCH, ENGLAND. AT RRE CONFERENCE ON IMAGE DETECTION AND PROCESS, 24TH, MALVERN, ENGLAND, APRIL 1967. IN S.R.D.E. MEMORANDUM NO. 6/67, NOV. 1967. REPRINTED IN INFRARED PHYSICS, VOL. 8, 1968. PP.101-115. MICROFICHE COPY. N70-21725.
NR-H8-00-000-00773	MICROWAVE PROPAGATION IN MOUNTAINOUS TERRAIN. STUART G. HIBBEN, U.S. LIBRARY OF CONGRESS, WASHINGTON, D.C. IN FOREIGN SCIENCE BULLETIN (LIBRARY OF CONGRESS), VOL. 5, NO. 4, APRIL 1969. PP.105-130. MICROFICHE COPY. N69-28353.
NR-H8-00-000-00774	ABSOLUTE MEASUREMENT OF RADIANT FLUX. REPORT NUMBER NASA-TT-F-12242. NORIHIDE OCHA, JAPAN. TRANSLATION OF RESEARCHES OF THE ELECTRO-TECHNICAL LABORATORY (TOKYO) NO. 675, DEC. 1967. CONTRACT NO. NASW-1695. MICROFICHE COPY. N69-29662
NR-H8-00-000-00776	THE USE OF INSTRUMENTED PENETROMETERS TO DETERMINE SUBSOIL CONDITIONS AT INACCESSIBLE SITES. REPORT NO. SC-DR-69-573. JOHN L. COLP, SANDIA LABORATORIES, ALBUQUERQUE, NEW MEXICO. OCT. 1969. MICROFICHE COPY. PB-188 139 N70-22341.
NR-H8-00-000-00777	THE NASA SCIENTIFIC AND TECHNICAL INFORMATION SYSTEM, ITS SCOPE AND COVERAGE. REPORT NO. NASA-TM-X-62821. NASA, WASHINGTON, D.C. MARCH 1970. MICROFICHE COPY. N70-21552.
NR-H8-00-000-00778	SIGNAL PROCESSING IN MICROWAVE OPTICS BY MEANS OF MULTIPLE MODULATED SCATTERERS - APPLICATION TO A MICROWAVE IMAGE SCANNING SYSTEM. REPORT NO. IPP-2/77. J.G. WEGROWE, INSTITUT FÜR PLASMAPHYSIK G.M.B.H., GARCHING, WEST GERMANY. APRIL 1969. MICROFICHE COPY. N70-21909.

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00779	INTRODUCTION TO HOLOGRAPHY. OFFICE OF AEROSPACE RESEARCH MONOGRAPHY NO. 5. REPORT NO. OAR-68-0015. CAPT. MELVIN C. WATKINS, U.S. AIR FORCE, OFFICE OF AEROSPACE RESEARCH, ARLINGTON, VA. DEC. 1968. MICROFICHE AND HARD COPY. AD-685 400 N69-29763
NR-H8-00-000-00781	ON THE PROBLEM OF PROCESSING THE RESULTS OF A GRAVIMETRIC SURVEY (K VOPROS OB OBRABOTKE RESULTATOV GRAVIMETRICHESKOI S EMKI). REPORT NO. ACIC-TC-1577. M.A. ALEKSIDZE, (GRUZ-INSKOY SSR). TRANSLATION FROM AKADEMIYA NAUK GRUZINSKOI SSR, TIFILIS, INSTITUT GEOPHIZIKI. TRUDY, VOL. 24, NO. 1, 1966. PP.157-568. MICROFICHE COPY. AD-701 613.
NR-H8-00-000-00782	PIEZOJUNCTION SENSOR/TRANSDUCERS. AFOSR TECHNICAL NOTE, DEC. 1969. REPORT NO. AFOSR-69-300TR. J.J. WORTMAN, RESEARCH TRIANGLE INSTITUTE, RESEARCH TRIANGLE PARK, NORTH CAROLINA, AND CAPT. JOHN F. KANTAK, AIR FORCE OFFICE OF SCIENTIFIC RESEARCH, ARLINGTON, VA. CONTRACT NO. F44620-67-C-0048. MICROFICHE COPY. AD-698 777 N70-23618.
NR-H8-00-000-00783	ACADEMY OF SCIENCES OF THE USSR, DIVISION OF MECHANICS AND CONTROL PROCESSES. ANALYSIS AND SYNTHESIS OF AUTOMATIC CONTROL. V.V. MATUSHEVSKII, V.P. TARASENKO, AND D.A. NOVIK (USSR) TRANSLATION MONOGRAPHY - ANALIZ I SINTEZ AVTOMATICHESKOGO UPRAVLENIYA, MOSCOW, 1968. PP.193-202, 208-216. MICROFICHE COPY. AD-702 330.
NR-H8-00-000-00784	SELECTION OF OPTIMUM CONDITIONS OF EXCITATION OF AN ELECTRO-LUMINESCENT MATRIX SCREEN DURING PHOTOGRAPHIC RECORDING OF INFORMATION TAKEN FROM A DIGITAL COMPUTER. V.M. KORSUNSKII, KIEV, USSR TRANSLATION OF FIZIKO-TEKHNOLICHESKIE VOPROSY KIBERNETIKI (USSR), NO. 2, 1967. PP.81-89. MICROFICHE COPY. AD-703 159
NR-H8-00-000-00785	RANGE SENSOR TECHNIQUES FOR AUTOMATIC OBJECT IDENTIFICATION. FINAL REPORT, OCT. 68-NOV. 69. REPORT NOS. F-8100-1 AND AFRL-69-0503. GEORGE A. BIERNSON, RAYMOND EULING, AND WILLIAM S. JARNAGIN, SYLVANIA ELECTRONIC SYSTEMS-EAST, WALTHAM, MASS. CONTRACT NO. F19628-69-C-0071. MICROFICHE COPY. AD-698 349 N70-24522.
NR-H8-00-000-00787	HOLOGRAPHY. VOLUME 1. REPORT BIBLIOGRAPHY, MARCH 64-OCT. 69. REPORT NO. DDC-TAS-70-15-1. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VIRGINIA. MICROFICHE COPY. AD-704 950. N70-31495
NR-H8-00-000-00788	IMAGE QUALITY EVALUATION BY OPTICAL ANALOG TRANSFORM TECHNIQUES. FINAL REPORT. REPORT NO. RADC-TR-67-666. GEORGE H. SNIDER, CORNELL AERONAUTICAL LABORATORY, INC., BUFFALO, N.Y. MARCH 1968. CONTRACT NO. F30602-67-C-0349. MICROFICHE COPY. AD-668 123.
NR-H8-00-000-00789	PRELIMINARY DESIGN OF A COSMIC X-RAY SURVEY EXPERIMENT, NATO ADVANCED STUDY INSTITUTE IN SPACE EXPERIMENT DESIGN, LONDON, AUG.-SEPT. 1969, PROCEEDINGS. P.J. BOWEN AND W.M. GLEN-CROSS, EDITORS, UNIVERSITY COLLEGE, HOLMBURY ST. MARY, SURREY, ENGLAND. MICROFICHE COPY. N70-24826.
NR-H8-00-000-00790	AN INVESTIGATION OF METHODS OF TIME SCANNING A SINGLE-CHANNEL PULSE AMPLITUDE SELECTOR. REPORT NO. AERE-M-2249. H.A. COLE, UNITED KINGDOM ATOMIC ENERGY AUTHORITY, HARWELL, ENGLAND. OCT. 1969. MICROFICHE COPY. N70-24735.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00791	A TWO-CHANNEL PHOTOMETER FOR USE IN SMALL SOUNDING ROCKETS. REPORT NO. ESSA-TR-FRL-HH-SDL-4. J.C. HASLETT AND L.R. REGILL, SPACE DISTURBANCES LAB., BOULDER, COLO. JAN. 1970. MICROFICHE COPY. N70-25130.
NR-H8-00-000-00792	SENSITIVE ELEMENTS AND SENSORS USED ON SPACECRAFT FOR SCIENTIFIC MISSIONS. (CHUVSTVITEL'NYE ELEMENTY I DATCHIKI, ISPOLZUYEMYE NA KOSMICHESKIH APPARATATAKH NAUCHNOGO NAZNACHENIYA). A.V. LIVENTSOV, ACADEMY OF SCIENCES, USSR. TRANSLATION OF ACADEMY OF SCIENCE USSR, SPACE RESEARCH INSTITUTE PAPER PRESENTED AT INTERNATIONAL ASTRONAUTICAL FEDERATION CONGRESS, 20TH, MOSCOW, 1969. MICROFICHE COPY. N70-25094.
NR-H8-00-000-00793	APPLICATION OF AEROSPACE-GENERATED TECHNOLOGY TO WATER POLLUTION AND OTHER PUBLIC SECTOR PROBLEMS. QUARTERLY REPORT NO. 2, SEPT.-NOV. 1968. REPORT NO. NASA CR-100674. DAVID BENDERSKY AND ANDREW J. WINFREY, MIDWEST RESEARCH INSTITUTE, KANSAS CITY, MO. NOV. 1968. CONTRACT NO. NSR-28-002-083. MICROFICHE COPY. N69-23442.
NR-H8-00-000-00794	AN EXPERIMENTAL INVESTIGATION OF THE DEPENDENCE OF THE PROBABILITY OF IMAGE RECOGNITION. N.N. KRASILNIKOV, G.A. NOZDRUKOV, AND V.V. NOVOZBILOV, USSR. TRANSLATION OF TEKHNIKA KINO I TELEVIDENIYA (USSR), VOL. 13, NO. 2, 1969. PP.53-54. MICROFICHE COPY. AD-704 766.
NR-H8-00-000-00795	DCSBIB, A COMPUTER PROGRAM FOR MAINTAINING TECHNICAL BIBLIOGRAPHIES. REPORT NOS. UCRL-50568, TID-4500 AND UC-32. DAVID W. THOMPSON, UNIVERSITY OF CALIFORNIA, LIVERMORE, CALIF. JAN. 1969. MICROFICHE COPY. N69-31554.
NR-H8-00-000-00796	RESTORATION OF BLURRED PHOTOGRAPHIC IMAGES BY HOLOGRAPHY. JUMPEI TSUJIUCHI, TOSHIO HONDA, AND TOSHIO FUKAYA, TOKYO INSTITUTE OF TECHNOLOGY, TOKYO, JAPAN. IN OPTICS COMMUNICATIONS, VOL. 1, MARCH 1970. PP.379-382. MICROFICHE COPY. A70-26981.
NR-H8-00-000-00797	GLOBAL'NOE FOTOGRAFIROVANIE ZEMLI (GLOBAL PHOTOGRAPHY OF THE EARTH.) B.V. VINOGRADOV, USSR IN ZEMLIA I VSELENNAYA, JAN.-FEB. 1970. PP.31-38. MICROFICHE COPY. A70-28270.
NR-H8-00-000-00798	METHOD FOR QUANTIFYING SUBJECTIVE COSTS OF LARGE NUMBERS OF IMAGE INTERPRETATION ERRORS. TECHNICAL RESEARCH NOTE 218. REPORT NO. RESRL-TRN-218. JERROLD M. LEVINE AND J. BENNETT FEALOCK, NORTH AMERICAN ROCKWELL CORP., COLUMBUS, OHIO, AND ROBERT SADACCA AND ROBERT ANDREWS, U.S. ARMY BEHAVIORIAL SCIENCE RESEARCH LAB., ARLINGTON, VA. NOV. 1969. CONTRACT NO. DAMC 19-67-C-0050. MICROFICHE COPY. AD-704 706
NR-H8-00-000-00799	CONTINUOUS EMISSION OF THE TERRESTRIAL ATMOSPHERE AT 9.6 MICRONS (EMISSION CONTINUE DE L'ATMOSPHERE TERRESTRE A 9.6 MICRONS). REPORT NO. AZT-70-41-FRLL. E. VIGROUX. TRANSLATION FROM ANNALES GEOPHYSIQUE (PARIS), VOL. 15, 1959. PP.453-460. MICROFICHE COPY. N70-23854.
NR-H8-00-000-00800	DIFFERENTSIRUIUSHCHII INTERFEROMETR FABRI-PERO. (A DIFFERENTIATING FABRY-PEROT INTERFEROMETER). V.G. KOLOSHNIKOV, V. I. LAPSHIN, AND F. IA. RAGIMOV, AKADEMIYA NAUK SSSR, FIZICHESKII INSTITUT, MOSCOW, USSR. IN PRIRODY I TEKHNIKA EXPERIMENTA, JAN.-FEB. 1970. PP.179-182. MICROFICHE COPY. A70-28177.
NR-H8-00-000-00802	ATMOSPHERIC MEASUREMENTS FROM SATELLITES. R.M. RADOS, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. AT AIAA AEROSPACE SCIENCES MEETING, 7TH, NEW YORK CITY, JAN. 1969. AIAA PAPER 69-158. MICROFICHE COPY. A69-18038.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00803	STUDY OF THE LAWS GOVERNING THE VARIATION OF THE REFRACTIVE INDEX IN WINTER. D.I. MASLICH AND L.S. KHIZHAK, (UKRAINIAN USSR) TRANSLATION FROM LVOV. POLITEKHNICHESKIY INSTITUT. GEODEZIYA, KARTOGRAFIYA I AEROFOTOSYEMKA, NO. 7, 1968. PP. 15-24. MICROFICHE COPY. AD-704 202. N70-31735
NR-H8-00-000-00804	TURBULENCE MEASUREMENTS AT LOWER LEVELS AROUND A SQUALL LINE. REPORT NO. NRC REPT. LR-515. G.A. MATHER AND D.S. TREDDENICK, NATIONAL AERONAUTICAL ESTABLISHMENT, OTTAWA, ONTARIO, CANADA. JAN. 1969. MICROFICHE COPY. AD-682 6079.
NR-H8-00-000-00805	IMAGE INTENSIFIER INSTRUMENTS FOR ACQUISITION OF WEAK TARGETS. RESEARCH NOTE. REPORT NOS. AERL-RN-547 AND BSD-TR-65-290. ROCHELLE PRESCOTT, AVCO-EVERETT RESEARCH LAB., EVERETT, MASS. AUG. 1965. CONTRACT NO. AF04(694)-623 MICROFICHE COPY. AD-467 948.
NR-H8-00-000-00806	A PRELIMINARY INVESTIGATION OF THE EFFECTS OF NEAR INFRARED RADIATION ON VISUAL PERFORMANCE. SUMMARINE MEDICAL RESEARCH LABORATORY NAVAL SUBMARINE MEDICAL CENTER REPORT NO. 588. REPORT NOS. NAVMED-M4305-08-3001D-04 AND SMRL-588. KEVIN V. LAXAR, U.S. NAVAL SUBMARINE MEDICAL CENTER, GROTON, CONN. JULY 1969. MICROFICHE COPY. AD-703 613. N70-31783
NR-H8-00-000-00808	A NOVEL TV CAMERA WITH A PINHOLE LENS FOR VISUAL SIMULATION. J.C. MCKECHNIE, U.S. NAVY, ORLANDO, FLORIDA. AT AIAA, VISUAL AND MOTION SIMULATION TECHNOLOGY CONFERENCE, CAPE CANAVERAL, FLA., MARCH 1970, PAPER 70-363. MICROFICHE COPY. A70-24217.
NR-H8-00-000-00809	APPLICATION OF PHOTOGRAPHIC MASKING TO REDUCE THE EFFECT OF MOTION ON THE SHARPNESS OF THE PHOTOGRAPHIC IMAGE. YU. L. BIRYUKOV, YU. I. FIVENSKII, AND YU. M. CHESNOKOV, INSTITUTE OF ENGINEERS OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY, MOSCOW, USSR. ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII (USSR), VOL. 13, NO. 6, 1968. PP.462-463. MICROFICHE COPY. AD-702 291. N70-28153
NR-H8-00-000-00810	RESEARCH PROGRAM ON HOLOGRAPHIC INSTRUMENTATION. FINAL REPORT. REPORT NOS. 07821-6004-R0-00 AND NASA-CR-73266. L.O. HEFLINGER AND R.E. BROOKS, TRW SYSTEMS, REDONDO BEACH, CALIF. JUNE 1968. CONTRACT NO. NASW-1572. MICROFICHE COPY. N68-36623.
NR-H8-00-000-00811	METHODS FOR PREDICTION OF STEADY STATE SURFACE TEMPERATURE MEASUREMENT ERRORS. W.S. KENNEDY AND T. OKABE, AEROTHERM CORP., MOUNTAIN VIEW, CALIF. THERMODYNAMICS AND THERMOPHYSICS OF SPACE FLIGHT, PROCEEDING OF THE SYMPOSIUM, PALO ALTO, CALIF., MARCH 1970. PP.151-164. MICROFICHE COPY. A70-26361.
NR-H8-00-000-00814	U.S. STANDARD ATMOSPHERE SUPPLEMENTS, 1966. U.S. COMMITTEE ON EXTENSION TO THE STANDARD ATMOSPHERE (COESA).
NR-H8-00-000-00815	SCHLIEREN METHODS AND THEIR APPLICATIONS. H. SCHARDIN TRANSLATION OF ERGEBNISSE DER EXAKTEN NATURWISSENSCHAFTEN, VOL. 20, 1942. PP.303-439. N70-25586
NR-H8-00-000-00816	GEODETIC RESEARCH STUDIES. FINAL TECHNICAL REPORT. REPORT NO. NASA CR-97909. E.M. GAPOSCHKIN, C.A. LUNDQUIST, AND G. VEIS, SMITHSONIAN INSTITUTION, CAMBRIDGE, MASS. SEPT. 1968. CONTRACT NO. NSR 09-015-054. N69-13695
NR-H8-00-000-00817	RADIATION DEGRADATION OF SELECTED FILMS. REPORT NO. NASA TM X-64524. WILLIAM URAN, NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, MARSHALL SPACE FLIGHT CENTER, ALABAMA. JUNE 1970. N70-35843



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00818	APPLICATION OF SPACE TECHNIQUES TO SOLID-EARTH AND OCEAN PHYSICS. REPORT NOS. NASA-CR-110196 AND REPT. 005-21. C.A. LANDQUIST, SMITHSONIAN INSTITUTION, CAMBRIDGE, MASS. MAY 1970. CONTRACT NO. GRANT MGR-09-015-002.
NR-H8-00-000-00819	RADAR INTERFEROMETRY MEASUREMENTS OF THE PROPERTIES OF A TURBULENT PLASMA. D.E. WEISSMAN, H. GATHART, AND T. MORITA, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. IN SYMPOSIUM ON TURBULENCE OF FLUIDS AND PLASMAS, POLYTECHNIC INSTITUTE OF BROOKLYN, N.Y., APRIL 1968, PROCEEDINGS. PP.251-279.
NR-H8-00-000-00820	MOIRE METHOD FOR DETERMINING BENDING MOMENTS FROM HOLOGRAM INTERFEROMETRY. KARL A. STETSON, MINISTRY OF TECHNOLOGY, NATIONAL PHYSICAL LAB., TEDDINGTON, MIDDLESEX, ENGLAND. IN OPTICS TECHNOLOGY, VOL. 2, MAY 1970. PP.80-84. A70-29474
NR-H8-00-000-00822	A COMPARISON OF CALCULATED AND MEASURED INTENSITIES OF SUNLIGHT REFLECTED BY THE EARTH'S ATMOSPHERE. REPORT NOS. NASA-CR-110090 AND RRA-T703. C. THOMPSON, AND M.B. WELLS, RADIATION RESEARCH ASSOCIATES, INC., FORT WORTH, TEXAS. MARCH 1970. CONTRACT NO. NAS2-5285. N70-28601
NR-H8-00-000-00824	RIGOMETER RESPONSE PACKAGE. COMPUTER PROGRAM DOCUMENTATION. MSC PROGRAM NUMBER D086. REPORT NO. 93073. RICHARD D. JUDAY, AND JOHN M. SUTTON, COMPUTATION AND ANALYSIS DIV., NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JAN. 1970.
NR-H8-00-000-00826	MAPPING OF GEOSTATIONARY SATELLITE PICTURES AN OPERATIONAL EXPERIMENT. ESSA TECHNICAL MEMORANDUM NESCTM 20. R.C. DOOLITTLE, C.L. BRISTOL, AND L. LAURITSON, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. MARCH 1970 N70-30131 PE-191 189
NR-H8-00-000-00827	COMPARATIVE STUDIES OF EXTINCTION AND BACKSCATTERING BY AEROSOLS, FOG, AND RAIN AT 10.6 MICROMETERS AND 0.63 MICROMETER. D.B. RENSCH AND R.K. LONG, OHIO STATE UNIV., COLUMBUS, OHIO. APPLIED OPTICS, VOL. 9, NO. 7, JULY 1970. PP.1563-1573. A70-36751
NR-H8-00-000-00829	PROGRESS IN IMAGE PROCESSING TECHNIQUES AND EQUIPMENT. FINAL REPORT. REPORT NO. SIO REF. 69-24. BENJAMIN L. MCLAMERY, MADISON L. MYERS, ET AL., UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIF. NOV. 1969. CONTRACT NOS. F08606-66-C-0017 AND MOD P003. AD-698 359 N70-23213
NR-H8-00-000-00832	IMAGE ANALYSIS OF RADIOGRAPHS. R.P. KRUGER, E.C. MAHEN, ET AL. IN IEEE, ANNUAL SOUTHWESTERN CONFERENCE AND EXHIBITION, 22ND, DALLAS, TEXAS, APRIL 1970, TECHNICAL PAPERS. PP.147-151. A70-32569
NR-H8-00-000-00833	APPLICATION OF A FAST LOGARITHM CONVERSION TO IMAGE ANALYSIS. RICHARD C.H. MUNROE AND SAMUEL J. DWYER, III. IN IEEE, ANNUAL SOUTHWESTERN CONFERENCE AND EXHIBITION, 22ND, DALLAS, TEXAS, APRIL 1970, TECHNICAL PAPERS. PP.135-138. A70-32567
NR-H8-00-000-00834	BASIC PHOTO INTERPRETATION WORKBOOK. PLANE MEASUREMENTS ON AERIAL PHOTOS. REPORT NO. M-1056. ALBERT G. HAHN, U.S. FOREST SERVICE, DEPT. OF AGRICULTURE, WASHINGTON, D.C.
NR-H8-00-000-00835	EARTH SURVEY BIBLIOGRAPHY - A KWIC INDEX OF REMOTE SENSING INFORMATION. WILLIAM I. THOMPSON, III, U.S. DEPARTMENT OF TRANSPORTATION, TRANSPORTATION SYSTEMS CENTER, CAMBRIDGE, MASSACHUSETTS, SEPT. 1970.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00836	CROSSTALK IN PHOTOTRANSISTOR IMAGING MOSAICS AT VERY HIGH LIGHT LEVELS. ROLAND A. ANDERS, DAVID E. CALLAHAN, AND WILLIAM F. LIST, WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD. IN IEEE JOURNAL OF SOLID-STATE CIRCUITS, VOL. SC-4, DEC. 1969. PP.326-333. CONTRACT NOS. NAS 8-5112 AND AF33(815)-69-C-1175. A70-23880.
NR-H8-00-000-00838	CONTRIBUTION A L'ETUDE DES CAPTEURS MAGNETIQUES A INDUCTION POUR LA PROSPECTION MAGNETO-TELLURIQUE - ETUDE DE LA SENSIBILITE ET AMELIORATIONS. (CONTRIBUTION TO THE STUDY OF MAGNETIC INDUCTION SENSORS FOR MAGNETO-TELLURIC SURVEYING - SENSITIVITY AND IMPROVEMENT STUDY.) Y. BENDERITTER AND L. LE DONCHE, CNRS, CENTRE DE RECHERCHES GEOPHYSIQUES, GARCHY, NIEVRE, FRANCE. (CENTRE NATIONAL D'ETUDES SPATIALES, COLLOQUE INTERNATIONAL SUR LES CHAMPS MAGNETIQUES FAIBLES D'INTERET GEOPHYSIQUE ET SPATIAL, PARIS, FRANCE, MAY 1969) IN REVUE DE PHYSIQUE APPLIQUEE, VOL. 5, FEB. 1970. PP.183-185. A70-30048
NR-H8-00-000-00839	PROPAGATION OF LOVE WAVES IN LAYERS WITH IRREGULAR BOUNDARIES. HARRY WOLF, NEW YORK UNIVERSITY, MECHANICAL ENGINEERING DEPT., UNIVERSITY HEIGHTS, BRONX, N.Y. IN PURE AND APPLIED GEOPHYSICS, VOL. 78, NO. 1, 1970. PP.48-57. A70-28631
NR-H8-00-000-00840	RESEARCH ON ELECTROMAGNETIC CORRELATION TECHNIQUES. TECHNICAL MEMORANDUM, NOV. 68-NOV. 69. REPORT NO. NASA-TM-X-64505. FRITZ R. KRAUSE, AERO-ASTRODYNAMICS LABORATORY, NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, MARSHALL SPACE FLIGHT CENTER, ALABAMA. MARCH 1970. N70-29478
NR-H8-00-000-00841	A REVIEW OF GEODETIC PARAMETERS. REPORT NO. NASA-TN-D-1847. WILLIAM M. KAULA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. NASA, WASHINGTON, D.C. MAY 1963. N63-16429
NR-H8-00-000-00842	PHOTOGRAPHIC RESOLUTIONS AND COVERAGES OBTAINABLE WITH THE RANGER IMPACTING SPACECRAFT. REPORT NO. JPL-TM 33-78. C.F. CAMPEN, K. HEFTMAN, AND D.E. WILLINGHAM, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. APRIL 1962. CONTRACT NO. NAS7-100.
NR-H8-00-000-00843	SCHLIEREN PHOTOGRAPHY - A BIBLIOGRAPHY. REPORT NO. LA-4380-MS. JEAN FURNISH, LOS ALAMOS SCIENTIFIC LABORATORY OF THE UNIVERSITY OF CALIFORNIA, LOS ALAMOS, NEW MEXICO. MARCH 1970. CONTRACT NO. W-7405-ENG-36. N70-31387
NR-H8-00-000-00844	THE FIRST COLOR PICTURE OF THE EARTH TAKEN FROM THE ATS-3 SATELLITE. GUNTER WARNECKE, AND WENDELL S. SUNDERLIN, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. IN - AMERICAN METEOROLOGICAL SOCIETY. BULLETIN, VOL. 49, NO. 2, FEB. 1968. PP.75-83.
NR-H8-00-000-00845	OPTICAL MEASUREMENTS IN SPACE. G.G. SHEPHERD, INSTITUTE OF SPACE AND ATMOSPHERIC STUDIES, UNIVERSITY OF SASKATCHEWAN, SASKATOON, SASKATCHEWAN, CANADA. PRESENTED AT UPPER ATMOSPHERE SYMPOSIUM, SASKATOON, SASKATCHEWAN, CANADA, MARCH 1969. IN - CANADIAN AERONAUTICS AND SPACE JOURNAL, VOL. 16, APRIL 1970, PP.133-136. A70-27597
NR-H8-00-000-00846	SATELLITE TECHNIQUES FOR OBSERVING WATER VAPOR-HEIGHT PROFILES. DR. HANS-JURGEN BOLLE, METEOROLOGISCHES INSTITUT, UNIVERSITAT MUNCHEN, WEST GERMANY. IN ZEITSCHRIFT FUR GEOPHYSIK, VOL. 36, JAN. 1970. PP.1-25. A70-28571
NR-H8-00-000-00847	ON THE USE OF HODOGRAPHIC MAPPING IN TRAJECTORY ANALYSIS. REPORT NOS. NASA-TM-X-62852 AND FM-82. FANG TUN SUN, NASA, ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. JUNE 1969. N70-26283

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00848	SPACE PROGRAMS SUMMARY 37-62, VOL. III. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT FOR THE PERIOD FEB. 1-MARCH 31, 1970. JET PROPULSION LAB., CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. APRIL 1970.
NR-H8-00-000-00849	SOME RESULTS OF TURBIDITY NETWORKS. REPORT NO. AFRL-70-0369. FREDERIC E. VOLZ, AIR FORCE CAMBRIDGE RESEARCH LAB., L.G. HANSCOM FIELD, BEDFORD, MASS. PRESENTED AT IUGG-WMO SYMPOSIUM ON RADIATION, INCLUDING SATELLITE TECHNIQUES, BERGEN NORWAY, AUGUST 1968. IN TELLUS, VOL. 21, NO. 5, 1969. PP.625-630.
NR-H8-00-000-00850	PHOTOELECTRONIC IMAGING DEVICES AND DETECTIVE QUANTUM EFFICIENCY. S. NUDELMAN, UNIVERSITY OF RHODE ISLAND, KINGSTON, RHODE ISLAND. PRESENTED AT SYMPOSIUM ON ACCELERATED EVOLUTION OF ELECTRO-OPTICAL IMAGING DEVICES, OPTICAL SOCIETY OF AMERICA SPRING MEETING, APRIL 1970.
NR-H8-00-000-00851	FEASIBILITY STUDY FOR THE DEVELOPMENT OF A MULTIFUNCTIONAL EMISSION DETECTOR FOR CO, NO, AND SO <sub>2</sub> . FINAL REPORT, AUG. 68-AUG. 69. ARTHUR D. SNYDER, AND GEORGE W. WOOTEN, MONSANTO RESEARCH CORP, DAYTON LAB., DAYTON, OHIO. OCT. 1969. CONTRACT NO. CPA-22-69-8. PB-188 103 N70-21798
NR-H8-00-000-00852	SCIENTIFIC EXPERIMENTS ON GEMINI AND APOLLO EARTH ORBITAL FLIGHTS AS PRECURSORS TO APOLLO EXTENSION AND ORL EARTH ORBITAL MISSIONS. J. TROMBKA AND J.R. GILL, NASA, WASHINGTON, D.C., AND L. LEWYN, JET PROPULSION LAB., PASADENA, CALIF. IN SCIENTIFIC EXPERIMENTS FOR MANNED ORBITAL FLIGHT, GODDARD MEMORIAL SYMPOSIUM, 3RD, WASHINGTON, D.C., MARCH 1966, PROCEEDINGS (AAS SCIENCE AND TECHNOLOGY SERIES, VOL. 4) PP.245-259.
NR-H8-00-000-00853	GYROSCOPIC SURVEYING. G.H. LAUF, COLORADO SCHOOL OF MINES, GOLDEN, COLO. COLORADO SCHOOL OF MINES. QUARTERLY, VOL. 65, NO. 2, APRIL 1970,
NR-H8-00-000-00854	INSTRUMENTAL PROBLEMS IN PRECISION MEASUREMENTS OF SOLAR RADIATIVE FLUXES ABOVE THE EARTH'S SURFACE. REPORT NO. IAF PAPER AS-176. A.J. DRUMMOND, THE EPPLEY LAB., NEWPORT, RHODE ISLAND, AND E.G. LALE, JET PROPULSION LABORATORY, PASADENA, CALIF. INTERNATIONAL ASTRONAUTICAL FEDERATION CONGRESS, 19TH, NEW YORK CITY, OCTOBER 1968, PAPER AS-176. A68-44280
NR-H8-00-000-00855	INDEX TO PUBLICATIONS IN THE ENGLISH LANGUAGE PERTAINING TO AEROTRIANGULATION IN SPACE. GORDON GRACIE, UNIVERSITY OF ILLINOIS, URBANA, ILL. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 30, MARCH 1964. PP.312-319. A64-17069
NR-H8-00-000-00857	ON NUMERICAL EVALUATION OF POWER DENSITY SPECTRA OF RANDOM FUNCTIONS. A.K. FUNG, CENTER FOR RESEARCH, INC., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. IN IEEE TRANSACTIONS ON AUDIO AND ELECTROACOUSTICS, VOL. AU-16, NO. 4, DEC. 1968. PP.527-528.
NR-H8-00-000-00858	OPTIMAL PERTURBATION SIGNAL WAVEFORM FOR SENSING ARRAYS. PI-FUAY CHEN, U.S. ARMY, ENGINEER TOPOGRAPHIC LAB., FORT BELVOIR, VA. IN IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, VOL. IM-19, NO. 2, MAY 1970. PP.136-139. A70-32725
NR-H8-00-000-00859	NOMOGRAM RELATING TRUE AND APPARENT RADIOMETRIC TEMPERATURES OF GRAYBODIES IN THE PRESENCE OF AN ATMOSPHERE. REPORT NO. AFRL-70-0350. EMANUEL E. ELIAMPITIS, AIR FORCE CAMBRIDGE RESEARCH LAB., OFFICE OF AEROSPACE RESEARCH, L.G. HANSCOM FIELD, BEDFORD, MASS. IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, 1970. PP.93-94.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00861	OGO DATA PROCESSING PROGRAMS. IEM SCIENTIFIC REPORT NO. 1. REPORT NO. AFRL-69-0156. WILLIAM B. WRIGHT AND EDWARD V. RUTKOWSKI, IEM, CAMBRIDGE ADVANCED SPACE SYSTEMS DEPT., CAMBRIDGE, MASS. MAY 1969. CONTRACT NO. F19628-68-C-0252.
NR-H8-00-000-00862	MEASUREMENT OF THE ISOTROPIC BACKGROUND RADIATION IN THE FAR INFRARED. DIRK MUEHLNER, AND RAINER WEISS, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE RESEARCH LAB. OF ELECTRONICS, CAMBRIDGE, MASS. IN PHYSICAL REVIEW LETTERS, VOL. 24, NO. 13, MARCH 30, 1970. PP.742-746. CONTRACT NO. DA-28-043-AMC-02536(E). AD-706 298
NR-H8-00-000-00863	COMPUTER APPLICATIONS IN THE EARTH SCIENCES - COLLOQUIUM ON CLASSIFICATION PROCEDURES. KANSAS STATE GEOLOGICAL SURVEY, COMPUTER CONTRIBUTION 7. 1966. D.F. MERRIAM, EDITOR, STATE GEOLOGICAL SURVEY, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS.
NR-H8-00-000-00864	INVESTIGATION OF THE EFFECTS OF SURFACE ROUGHNESS UPON REFLECTANCE. D.C. LOOK, JR., UNIVERSITY OF MISSOURI, ROLLA, MO., AND T.J. LOVE, UNIVERSITY OF OKLAHOMA, NORMAN, OKLA. PRESENTED AT AIAA THERMOPHYSICS CONFERENCE, 5TH, LOS ANGELES, CALIF. JULY 1970, PAPER 70-820.
NR-H8-00-000-00865	ON DUST IN THE TROPICAL AND MIDLATITUDE STRATOSPHERE FROM RECENT TWILIGHT MEASUREMENTS. REPORT NO. AFRL-70-0233. FREDERIC E. VOLZ, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 9, MARCH 20, 1970. PP.1641-1646.
NR-H8-00-000-00866	THE APPLICATIONS TECHNOLOGY SATELLITE PROGRAM. IN SPACE WORLD, VOL. G-9-81, SEPT. 1970. PP.18-20.
NR-H8-00-000-00867	THE PHILOSOPHY OF LOW-LIGHT-LEVEL CAMERA DESIGN. JOHN ERIC ANDERSON, AND HANS R. BUCHER, BALL BROTHERS RESEARCH CORP., BOULDER, COLORADO. PRESENTED AT - ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE, 1ST, NEW YORK, N.Y., SEPT. 1969. (PUBLISHED IN THE CONFERENCE PROCEEDINGS, P.1-11)
NR-H8-00-000-00868	SPACE RESEARCH IN ARGENTINA. CARLOS FEDERICO BOSCH, MIGUEL SANCHEZ PENA, PRESIDENT AND HEAD, NATIONAL COMMISSION ON SPACE RESEARCH, ARGENTINA, 1969.
NR-H8-00-000-00869	THE SAVART INTERFEROMETER MODIFIED FOR HIGH SENSITIVITY IN MEASUREMENTS OF REFRACTIVE INDEX GRADIENTS. LARS-ERIK WALLIN, AND KERSTIN WALLIN, CHALMERS UNIVERSITY OF TECHNOLOGY, GOTHENBURG, SWEDEN. IN - OPTICA ACTA, VOL. 17, NO. 5, MAY 1970. PP.381-392. A70-30400
NR-H8-00-000-00870	A LIGHT SOURCE FOR SENSITOMETRY OF AERIAL FILMS. P.D. CARMAN, NATIONAL RESEARCH COUNCIL OF CANADA, DIV. OF APPLIED PHYSICS, OTTAWA, CANADA. IN - PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 13, NO. 6, NOV.-DEC. 1969. PP.376-381.
NR-H8-00-000-00871	A RADIOMETER EMPLOYING FREQUENCY-DOMAIN CODING. G.J.M. AITKEN, AND R.J. MILLS, QUEEN'S UNIVERSITY, DEPT. OF ELECTRICAL ENGINEERING, KINGSTON, ONTARIO, CANADA. IN - RADIO SCIENCE, VOL. 5, NO. 3, MARCH 1970, PP.535-539. A70-32926
NR-H8-00-000-00872	COLOR DIFFERENTIATION BY COMPUTER IMAGE PROCESSING. REPORT NO. JPL-TR-32-1472. F.C. BILLINGSLEY, AND J.N. LINDSLEY, JET PROPULSION LABORATORY, CALIF. INSTITUTE OF TECHNOLOGY, PASADENA, CALIF., AND A.F.H. GOETZ, BELLCOMM, INC., WASHINGTON, D.C. IN - PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 14, NO. 1, JAN-FEB. 1970, PP.28-35. CONTRACT NOS. NAS7-100, AND NASW-417. A70-33097

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00873	SPACE-RESOLVED RADIATION INTENSITY DISTRIBUTIONS OF NEAR-INFRARED LASERS AND NON-COHERENT SOURCES. REPORT NO. AFOSR-70-16761R. OTTO M. FRIEDRICH, JR., FREDERIC WEIGL, AND ARWIN A. DOLGAL, DEPT. OF ELECTRICAL ENGINEERING, AND ELECTRONICS RESEARCH CENTER, UNIVERSITY OF TEXAS, AUSTIN, TEXAS. IN SWIEEBCO '70 RECORD, SOUTHWESTERN IEEE CONVENTION, DALLAS, TEXAS, APRIL 1970, TECHNICAL PAPERS, PP.513-517. CONTRACT NO. GRANT AF-AFOSR-1792-69 AD-708247
NR-H8-00-000-00874	2X2 DIMENSIONAL COLOR DISPLAY BY COMPUTER. F.C. BILLINGSLEY, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. 1970, 19P. CONTRACT NOS. NAS7-100, AND NASW-417.
NR-H8-00-000-00875	THE REDUCTION, ANALYSIS AND INTERPRETATION OF RADIATION BALANCE MEASUREMENTS FROM ESSA WEATHER SATELLITES. FINAL REPORT. REPORT NO. GCA-TR-69-17-G. F.B. HOUSE, GCA CORP., GCA TECHNOLOGY DIV., BEDFORD, MASS. APRIL 1970, 75P. CONTRACT NO. E-119-68(N). PB-192427 N71-13243
NR-H8-00-000-00876	STUDY OF EFFICIENT TRANSMISSION AND RECEPTION OF IMAGE-TYPE DATA USING MILLIMETER WAVES. FINAL REPORT. REPORT NO. TR-DA2180. C. LOUIS CUCCIA, PHILCO-FORD CORP., WESTERN DEVELOPMENT LABORATORIES DIV., PALO ALTO, CALIF. JUNE 1970, 515P. CONTRACT NO. NAS12-2186.
NR-H8-00-000-00878	THE NIMBUS III DATA CATALOG. VOLUME 2. JUNE 1969, DATA ORBITS 640-1041. ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. FOR THE NIMBUS PROJECT. NOV. 1969, 480P. CONTRACT NO. NAS5-10343.
NR-H8-00-000-00881	PROBLEMS OF ATMOSPHERIC PHYSICS - COLLECTION 5. REPORT NO. NASA-TT-F-587. K. YA. KONDRAT'YEV, EDITOR, NASA, WASHINGTON, D.C. TRANSL. OF PROBLEMY FIZIKI ATMOSFERY SBORNIK 5 (LENINGRAD, LENINGRAD STATE UNIV. PRESS, 1967) PP.3-261. CONTRACT NO. NASW-1692. N70-30852
NR-H8-00-000-00882	THE NIMBUS IV USER'S GUIDE. ROMEO R. SABATINI, EDITOR, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. NASA, GODDARD SPACE FLIGHT CENTER, THE NIMBUS PROJECT, GREENBELT, MARYLAND, MARCH 1970, 229P. CONTRACT NO. NAS5-10343.
NR-H8-DJ-211-00883	PRINCIPLES OF IMAGING RADARS, UNIVERSITY OF MICHIGAN ENGINEERING SUMMER CONFERENCES, ANN ARBOR, MICH. JULY 1970. INTENSIVE SHORT COURSE. REPORT NO. 7030. UNIVERSITY OF MICHIGAN, ANN ARBOR. 1970, 530P.
NR-H8-DJ-211-00884	PRINCIPLES OF IMAGING RADARS, UNIVERSITY OF MICHIGAN ENGINEERING SUMMER CONFERENCES, ANN ARBOR, MICH., JULY 21-AUG. 1, 1969. INTENSIVE SHORT COURSE. REPORT NO. 6930. UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. 1969, 686P. A59-37631
NR-H8-00-000-00885	THE STEPS TO SUCCESSFUL APPLICATION DEVELOPMENT. KENNETH R. HARSTAD, COLLINS RADIO CO., CEDAR RAPIDS, IOWA. IN - INSTRUMENTATION IN THE AEROSPACE INDUSTRY. VOL 15 - INSTRUMENT SOCIETY OF AMERICA, INTERNATIONAL AEROSPACE INSTRUMENTATION SYMPOSIUM, 15TH, LAS VEGAS, NEV., MAY 1969, PROCEEDINGS, PP.264-269. A70-35507
NR-H8-00-000-00886	IMAGE CODING BY CODING CONTOURS. L.C. WILKINS, AND P.A. WINTZ, PURDUE UNIVERSITY, LAFAYETTE, IND. IN - IEEE, INTERNATIONAL CONFERENCE ON COMMUNICATIONS, SAN FRANCISCO, CALIF., JUNE 1970, PROCEEDINGS, VOL. 1 (IEEE, CONFERENCE RECORD VOL. 6), PP.2-22 TO 2-23. CONTRACT NUMBER GRANT NGR-15-005-106. A70-41327

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00888	INFLUENCE OF THE ATMOSPHERE ON OPTICAL SYSTEMS. J. H. FARROW, HAWKER SIDDELEY DYNAMICS LTD., WATFIELD, HERTS, ENGLAND, AND A. F. GIBSON, UNIVERSITY OF ESSEX, DEPT. OF PHYSICS, COLCHESTER, ESSEX, ENGLAND. OPTICA ACTA, VOL. 17, NO. 5, MAY 1970, PP.317-336. A78-30399
NR-H8-LL-998-00890	THE NIMBUS 4 DATA CATALOG, VOL. 1, 18 APRIL THROUGH 22 MAY 1970, DATA ORBITS 131-600. ALLIED RESEARCH ASSOCIATES, INC. (ARA), GEOPHYSICS AND AEROSPACE DIVISION, CONCORD, MASS. AUGUST 1970, 273P. CONTRACT NO. NAS5-10343.
NR-H8-00-000-00892	PARAMETERS OF HUMAN PATTERN PERCEPTION. SEMIANNUAL PROGRESS REPORT NO. 5, SEPT. 69-MARCH 70. PROJECT THEMIS, PROPOSAL NO. 367. SELBY H. EVANS, TEXAS CHRISTIAN UNIVERSITY, INSTITUTE FOR THE STUDY OF COGNITIVE SYSTEMS, FORT WORTH, TEXAS, APRIL 1970, 24P. CONTRACT NO. DAAD05-68-C-0176. AD-705 486 MICROFICHE AND HARD COPY.
NR-H8-00-000-00894	ELECTRON OPTICS AND SIGNAL READ-OUT OF HIGH-DEFINITION RETURN-BEAM VIDICON CAMERAS. OTTO H. SCHADE, SR., RCA ELECTRONIC COMPONENTS, HARRISON, N.J. IN RCA REVIEW, VOL. 31, NO. 1, MARCH 1970, PP.60-119.
NR-H8-00-000-00895	THE CONTRIBUTION TO SURFACE MAGNETIC FIELDS FROM SOURCES INTERNAL AND EXTERNAL TO THE EARTH. FINAL REPORT. S.H. WARD, UNIVERSITY OF CALIFORNIA, SPACE SCIENCES LABORATORY, BERKELEY, CALIFORNIA. MARCH 1970, 4P. SPACE SCIENCES LABORATORY SERIES 11, ISSUE 20. CONTRACT NO. NONR 222(89). AD-702 494 N70-29813 MICROFICHE AND HARD COPY.
NR-H8-00-000-00897	RADAR ASTRONOMY USAGE. REPORT NO. CRES TR 60-1. RICHARD K. MOORE, UNIV. OF KANSAS, REMOTE SENSING LABORATORY, LAWRENCE, KANSAS. IEEE SPECTRUM, VOL. 3, NO. 4, APRIL 1966, PP.156-159. CONTRACT NOS. GRANTS NSF GP-2259, AND NASA NSG-298.
NR-H8-00-000-00900	A REGRESSION METHOD FOR OBTAINING REAL-TIME TEMPERATURE AND GEOPOTENTIAL HEIGHT PROFILES FROM SATELLITE SPECTROMETER MEASUREMENTS AND ITS APPLICATION TO NIMBUS 3 (SIRS) OBSERVATIONS. W.L. SMITH, H.M. WOLF, AND W.J. JACOB, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WASHINGTON, D.C. IN MONTHLY WEATHER REVIEW, VOL. 98, NO. 8, AUG. 1970, PP.582-603. A70-42121
NR-H8-00-000-00901	EFFECT OF HIGH SCANNING VELOCITIES ON THE HOLOGRAPHIC IMAGE. B.P. HILDEBRAND, BATTELLE MEMORIAL INSTITUTE, RICHLAND, WASHINGTON. IN OPTICAL SOCIETY OF AMERICA JOURNAL, VOL. 60, NO. 9, SEPT. 1970, PP.1166-1168. A70-41928
NR-H8-00-000-00902	PASSIVE MICROWAVE SPECTRUM MEASUREMENTS OF ATMOSPHERIC WATER VAPOR AND CLOUDS. H.D. TOONG, AND D.H. STAELIN, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. IN JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 27, AUG. 1970, PP.781-784. CONTRACT NO. GRANT NGL-22-009-016. A70-40906
NR-H8-FJ-000-00903	ATMOSPHERIC AND SURFACE PROPERTIES FROM SPECTRAL RADIANCE OBSERVATIONS IN THE 4.3-MICRON REGION. J.H. SHAW, OHIO STATE UNIV., COLUMBUS, OHIO, M.T. CHAHINE, C.B. FARMER, L.D. KAPLAN, ET AL., CALIF. INSTITUTE OF TECHNOLOGY, JET PROPULSION LAB., PASADENA. IN JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 27, AUG. 1970, PP.773-780. CONTRACT NOS. NAS7-100 AND NAS9-7218. A70-40905.
NR-H8-00-000-00904	GEOPHYSICAL DATA REDUCTION AND PLOTTING COMPUTER PROGRAMS. REPORT NOS. TR-180, AND REF-70-10. MICHAEL GEMPERLE, AND KEN KEELING, OREGON STATE UNIVERSITY, DEPT. OF OCEANOGRAPHY, CORVALLIS, OREGON. MAY 1970. 116P. CONTRACT NO. N00014-67-A-0369-0007. AD-708060



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00905	A LITERATURE SURVEY OF CLEAR AIR TURBULENCE. REPORT NO. 1, NASA-CR-106211. DON R. VEAZEY, TEXAS A&M UNIVERSITY, DEPT. OF METEOROLOGY, COLLEGE STATION, TEXAS. MARCH 1970, 110P. CONTRACT NO. GRANT NGR-44-001-081. N70-32002 MICROFICHE AND HARD COPY.
NR-H8-00-000-00906	THE DESIGN OF RADIALLY SYMMETRIC LENSES. TOMOS L. AP RHYS, JOHNS HOPKINS UNIVERSITY, BALTIMORE, MD. IN - IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-18, NO. 4, JULY 1970, PP.497-506. CONTRACT NOS. AF33(615)-3585, AND AF33(615)-69-C-1317. A70-40307
NR-H8-00-000-00907	DESIGN, DEVELOPMENT, AND INITIAL MEASUREMENTS OF A 1.4MM RADIOMETRIC SYSTEM. WALTER A. JOHNSON, TSUTOMU T. MORI, AND FRED I. SHIMABUKURO, AEROSPACE CORP., ELECTRONICS RESEARCH LABORATORY, LOS ANGELES, CALIFORNIA. IN - IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-18, JULY 1970, PP.512-514. CONTRACT NO. AF04(701)-69-C-0066. A70-40308
NR-H8-00-000-00908	PROPAGATION OF CENTIMETER AND MILLIMETER WAVELENGTHS THROUGH PRECIPITATION. SERGE L. GODARD, PUY-DE-DOME, OBSERVATOIRE, CLERMONT-FERRAND, PUY-DE-DOME, FRANCE. IN - IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-18, NO. 4, JULY 1970, PP.530-534. A70-40310
NR-H8-00-000-00909	TEMPERATURE MEASUREMENT BY INFRARED RADIATION. DAVID BULKLEY, IRTRONICS, INC. IN INSTRUMENTS AND CONTROL SYSTEMS, VOL. 43, SEPT. 1970, PP.91-93. A70-41698
NR-H8-00-000-00910	MICROWAVE BREAKDOWN IN AIR PLUS H2O. H.W. BANDEL, AND A.D. MACDONALD, LOCKHEED RESEARCH LABORATORIES, PALO ALTO, CALIF. IN JOURNAL OF APPLIED PHYSICS, VOL. 41, JUNE 1970, PP.2903-2905. A70-37757.
NR-H8-00-000-00911	PURE ROTATIONAL SPECTRUM OF WATER FROM 108 TO 30 MICRONS. RICHARD T. HALL, AND JEROME M. DOWLING, AEROSPACE CORP., SPACE PHYSICS LABORATORY, EL SEGUNDO, CALIF. IN JOURNAL OF CHEMICAL PHYSICS, VOL. 52, FEB. 1, 1970, PP.1161-1165. CONTRACT NO. AF 04(701)-68-C-0200. A70-35949
NR-H8-00-000-00912	COMPUTER PROCESSING OF SEM IMAGES BY CONTOUR ANALYSIS. REPORT NO. TR-2. WILLIAM L. MATSON, HERBERT A MCKINSTRY, GERALD G. JOHNSON, JR., ET AL., PENNSYLVANIA STATE UNIV., MATERIALS RESEARCH LAB., UNIVERSITY PARK, PA. JAN. 1970, 26P. PRESENTED AT SYMPOSIUM ON COMPUTATIONAL PHOTOCGRAMMETRY, WASHINGTON, D.C., 1970. MICROFICHE AND HARD COPY. CONTRACT NO. N00014-67-A-0385-0007. AD-701 782 N70-34025
NR-H8-00-000-00913	EXPERIENCES WITH HIGH PRECISION LASER DISTANCE MEASURING EQUIPMENT. REPORT NO. MEDDELANDE NR D8. IAN BROOK, GEOGRAPHICAL SURVEY OFFICE OF SWEDEN, STOCKHOLM, SWEDEN, 1970, 24P. AGA CORP., GEODIMETER DIV., SOUTH SAN FRANCISCO, CALIF.
NR-H8-00-000-00914	OPERATIONAL CONCEPTS FOR A 10-YEAR SPACE STATION. REPORT NO. NDAC PAPER WD 1379. R.E. HOLMEN, AND F.C. RUNGE, MCDONNELL DOUGLAS ASTRONAUTICS CO., HUNTINGTON BEACH, CALIF. AMERICAN ASTRONAUTICAL SOCIETY, ANNUAL MEETING, 16TH, HUNTINGTON BEACH, CALIF., JUNE 1970, PAPER AAS 70-031, 51P. A70-34804

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00915	THE COMPUTER REPRESENTATION OF SIMPLY DESCRIBED SCENES. STANFORD ARTIFICIAL INTELLIGENCE PROJECT, MEMO. REPORT NO. MEMO AIM-101. RICHARD PAUL, GIL FALK, AND JEROME FELDMAN, STANFORD UNIVERSITY, STANFORD CALIF. OCT. 69, 17P. CONTRACT NO. SD-183. AD-708 072 N70-40114 MICROFICHE AND HARD COPY.
NR-H8-00-000-00916	THE REMOTE DETECTION OF CLEAR AIR TURBULENCE BY INFRARED RADIATION. R.W. ASTHEIMER, BARNES ENGINEERING CO., STAMFORD, CONN. IN APPLIED OPTICS, VOL. 9, AUG. 1970, PP.1789-1797. A70-39080
NR-H8-00-000-00917	THE NIMBUS III MICHELSON INTERFEROMETER. R.A. HANEL, B. SCHLACHMAN, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD., C.H. PROKESH, TEXAS INSTRUMENTS, INC., DALLAS, TEX., AND J.B. TAYLOR, RICE UNIVERSITY, HOUSTON, TEX., ET AL. IN APPLIED OPTICS, VOL. 9, AUG. 1970, PP.1767-1774. A70-39078
NR-H8-00-000-00918	IMAGE DETECTION THROUGH BIPOLAR CORRELATION. A. ARCESE, E.W. TROMBINI, RAYTHEON CO., WAYLAND, MASS., AND P.H. MENGERT, NASA ELECTRONIC RESEARCH CENTER, CAMBRIDGE, MASS. IN - IEEE TRANSACTIONS ON INFORMATION THEORY, VOL. IT-16, NO 5, SEPT. 1970, PP.534-541. A70-39972
NR-H8-JH-710-00920	A PROTOTYPE CLOUD PHYSICS LASER NEPHELOMETER. H.H. BLAU, JR., M.L. COHEN, L.B. LAPSON, ET AL., ARTHUR D. LITTLE, INC., CAMBRIDGE, MASS. IN APPLIED OPTICS, VOL. 9, AUG. 1970, PP.1798-1803. A70-39081
NR-H8-00-000-00921	MEASUREMENTS OF ATMOSPHERIC TURBULENCE RELEVANT TO OPTICAL PROPAGATION. R.S. LAWRENCE, G.R. OCHS, AND S.F. CLIFFORD, ESSA, RESEARCH LABORATORIES, BOULDER, COLORADO. IN JOURNAL OF OPTICAL SOCIETY OF AMERICA. VOL. 60, JUNE 1970, PP.826-830. A70-36961
NR-H8-00-000-00922	LIMITING RESOLUTION OF LOW-LEVEL IMAGING SENSORS. F.A. ROSELL, WESTINGHOUSE ELECTRIC CORP., AEROSPACE DIV., BALTIMORE, MARYLAND. IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 59, NO. 5, MAY 1969, PP.539-547.
NR-H8-00-000-00923	THE EFFECT ON E-O SENSOR PERFORMANCE OF SUPPLEMENTAL ILLUMINATION. EDWARD J. MCLELLAN, GRUMMAN AEROSPACE CORP., BETHPAGE, N.Y. IN ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE, 1ST, NEW YORK, N.Y., SEPT. 1969, PROCEEDINGS, PP.684-698. A70-33183
NR-H8-00-000-00924	NATURAL ENVIRONMENTAL RADIOACTIVITY - AN ANNOTATED BIBLIOGRAPHY. REPORT NO. WASH-1061-SUPPL. ALFRED W. KLEMENT, JR., ATOMIC ENERGY COMMISSION, OPERATIONS OFFICE, LAS VEGAS, NEVADA. APRIL 1970, 72P. N70-37128
NR-H8-00-000-00925	SANDIA IMAGE DIGITIZER. SIDCAP REPORT NO. 2. REPORT NO. SC-DR-68-812A. R.K. COVER, SANDIA LABORATORIES, ALBUQUERQUE, NEW MEXICO. OCT. 1969, 31P.
NR-H8-00-000-00926	GROUND-BASED PHOTOMETRIC OBSERVATIONS OF THE 1.27-MICRON BAND OF O <sub>2</sub> IN THE TWILIGHT AIRGLOW. W.F.J. EVANS, H.C. WOOD, AND E.J. LLEWELLYN, UNIV. OF SASKATCHEWAN, SASKATOON, SASKATCHEWAN, CANADA. IN PLANETARY AND SPACE SCIENCE, VOL. 18, JULY 1970, PP.1065-1073. A70-38385
NR-H8-00-000-00927	OBSERVATIONS OF RADIO SOURCES NEAR 2 F.U. AT 408 MHZ. R.W. HUNSTEAD, CORNELL-SYDNEY UNIVERSITY ASTRONOMY CENTRE, SYDNEY, AUSTRALIA, AND D.L. JALNCEY, CORNELL UNIVERSITY, ITHACA, N.Y. IN ROYAL ASTRONOMICAL SOCIETY MONTHLY NOTICES, VOL. 149, NO. 1, 1970, PP.91-100. A70-37125

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00928	ECLIPSE PHOTOGRAPHY WITH A NEW COLOR FILM. CHARLES W. WYCKOFF, APPLIED PHOTO SCIENCES, INC., AND PETER R. LEAVITT, WEATHER SERVICES, INC., BOSTON, MASS. IN SKY AND TELESCOPE, VOL. 40, AUG. 1970, PP.72-73. A70-37751
NR-H8-00-000-00929	AUTOMATIC SHAPE DETECTION FOR PROGRAMMED TERRAIN CLASSIFICATION. J.K. HAWKINS, G.T. ELERDING, K.W. BIXBY, AND P.A. HAWORTH, PHILCO CORP., AERONUTRONIC DIV., NEWPORT BEACH, CALIF. IN SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, SEMINAR-IN-DEPTH ON FILMED DATA AND COMPUTERS, BOSTON, MASS., JUNE 1966, PROCEEDINGS, PP.XVI-1 TO XVI-9. MICROFICHE COPY. A67-19744
NR-H8-00-000-00930	EXPOSURE PARAMETER NOMOGRAPH. K.L. SANDEFUR, HYCON MANUFACTURING COMPANY, MONROVIA, CALIF. IN JOURNAL OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, VOL. 5, NO. 2, 1967, PP.69-70, 72.
NR-H8-00-000-00931	ATTENUATION OF PHOTOGRAPHIC CONTRAST BY THE ATMOSPHERE. MELVIN J. MAZURSKI, CORNELL AERONAUTICAL LABORATORY, INC., BUFFALO, N.Y. IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 55, NO. 1, JAN. 1965, PP.26-30. A65-14474
NR-H8-00-000-00932	SPACE MATERIALS HANDBOOK. THIRD EDITION. REPORT NOS. NASA-SP-3051, AND AMFL-TR-68-205. JOHN B. RITTENHOUSE, AND JOHN B. SINGLETARY, LOCKHEED PALO ALTO RESEARCH LABORATORY, PALO ALTO, CALIF. NASA, WASHINGTON, D.C. 1969, 742P. N70-21226
NR-H8-00-000-00933	THE RELATIONSHIP BETWEEN MARITIME PRECIPITATION RADAR ECHOES AND CLOUD COVER VIEWED BY SATELLITES IN POLAR ORBITS. FINAL REPORT, VOLUME 1, TEXT, VOLUME 2, ILLUSTRATIONS. REPORT NO. PROJECT FAMOS RESEARCH REPORT (CONTRACT) 0-67. ROY H. BLACKMER, JR., AND SIDNEY M. SEREBRENY, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. JAN. 1967, VOL. 1, 93P., VOLUME 2, FOLDED CHARTS AND FIGURES. CONTRACT NOS. N62306-1642, AND CWB-11091.
NR-H8-00-000-00934	IMAGE INTERPRETATION HANDBOOK, VOLUME I. REPORT NOS. TM 30-245, NAVAIR 10-35-685, AND AFM 200-50. NAVAL RECONNAISSANCE AND TECHNICAL SUPPORT CENTER. DEC. 1967, 342P.
NR-H8-00-000-00936	SPACE GEODESY ALTIMETRY-PULSE COMPRESSION RADAR STUDY. REPORT NOS. NASA-CR-1605, AND R69-4346. RAYTHEON CO., SUDBURY, MASS., (FOR NASA, WASHINGTON). JULY 1970, 164P. CONTRACT NO. NASW-1709. N70-34166
NR-H8-00-000-00937	INSTRUMENTATION FOR COLOR AERIAL PHOTOGRAPHY. RESEARCH NOTE. REPORT NO. ETL-RN-70-1. KENNETH D. ROBERTSON, ARMY ENGINEER TOPOGRAPHIC LABS, FORT BELVOIR, VA. MAY 1970, 45P. MICROFICHE AND HARD COPY. AD-710978 N71-10745
NR-H8-00-000-00938	INTERNATIONAL BIBLIOGRAPHY OF PICTORIAL PATTERN RECOGNITION. JACQUES J.O. PALGEN, ALLIED RESEARCH ASSOCIATES, INC., VIRGINIA ROAD, CONCORD, MASS. APRIL 1970, 123P. MICROFICHE AND HARD COPY. N70-38071
NR-H8-00-000-00939	RADIATIVE TRANSFER IN WATER CLOUDS IN THE INFRARED REGION. GIICHI YAMAMOTO, MASAYUKI TANAKA, AND SHOJI ASANO, TOHOKU UNIVERSITY, SENDAI, JAPAN. GEOPHYSICAL INSTITUTE. IN JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 27, MARCH 1970, PP.282-292. CONTRACT NO. E-24-69N=ESSA. A70-35950



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00940	TECHNICAL HIGHLIGHTS OF THE NATIONAL BUREAU OF STANDARDS 1964. ANNUAL REPORT, FISCAL YEAR 1964. NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. DEC. 1964, 281P. NATIONAL BUREAU OF STANDARDS, MISCELLANEOUS PUBLICATION 264.
NR-H8-00-000-00941	AUTOMATED ANALYTICAL STEREOPLOTTER DESIGN DATA AND ANALYSIS. REPORT NO. RADC-TDR-63-539. W.E. CHAPPELLE, ROME AIR DEVELOPMENT CENTER, GRIFFISS AIR FORCE BASE, N.Y. JAN. 1964, 110P. N64-16972 AD-432075
NR-H8-00-000-00942	A STUDY OF THE CAPABILITIES OF THE GEODETIC SATELLITE ALTIMETER TO MEASURE OCEAN-SURFACE CHARACTERISTICS. FINAL ENGINEERING REPORT. REPORT NO. NASA CR-110085. RESEARCH TRIANGLE INSTITUTE, RESEARCH TRIANGLE PARK, NORTH CAROLINA. APRIL 1970, 184P. CONTRACT NO. NASW-1909. N70-28484
NR-H8-00-000-00943	INTERNATIONAL ASPECTS OF EARTH RESOURCES SURVEY SATELLITE PROGRAMS. JOHN HANESSIAN, JR., GEORGE WASHINGTON UNIV., WASHINGTON, D.C. IN BRITISH INTERPLANETARY SOCIETY. JOURNAL, VOL. 23, AUG. 1970, PP.533-557. A70-36297
NR-H8-00-000-00948	PHOTOGRAMMETRIC DATA REDUCTION ANALYSIS CALIBRATION OF COMPARATORS FOR BALLISTIC CAMERA DATA. REPORT NO. MTC-TDR-63-10. RALPH A. GUGEL, AIR FORCE MISSILE TEST CENTER, PATRICK AIR FORCE BASE, FLORIDA. DEC 1963, 98P. CONTRACT NO. AF08(606)5300. AD-437640 N64-21247
NR-H8-00-000-00949	GEODESICS ON AN EQUIPOTENTIAL SURFACE OF REVOLUTION. REPORT NO. NASA CR-56078. WALTER KOHNLEIN, SMITHSONIAN INSTITUTION ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASSACHUSETTS. FEB. 1964. 35P. SAO SPECIAL REPORT NO. 144. CONTRACT NO. NSG 87-60. N64-20640
NR-H8-00-000-00950	PROBLEMS IN INTERPRETING AERIAL PHOTOGRAPHS. L.A. BOGOMOLOV, MOSKOVSKII INSTITUT INZHENEROV GEODEZII, AEROFOTOSEMKA I KARTOGRAFII, MOSCOW, USSR. IN GEODESY AND AEROPHOTOGRAPHY, NO. 6, 1965, PP.386-389. TRANSLATION. A67-14529
NR-H8-00-000-00951	COMPUTER BASED DATA ANALYSIS IN LONGEVITY RESEARCH. MANUAL FOR PATTERN RECOGNITION I PROGRAM. 72P. KURT ENSLEIN, GENESSEE COMPUTER CENTER, INC., ROCHESTER, N.Y., AND CHARLES L. ROSE, VETERANS ADMIN. OUTPATIENT CLINIC, BOSTON, MASS. 1968.
NR-H8-00-000-00952	UNIFORM VARIABLE LIGHT SOURCES FOR INSTRUMENT CALIBRATION. H.P. SOUTRES, AND J.J. RENNILSON, JET PROPULSION LAB., PASADENA, CALIF. IN APPLIED OPTICS, VOL. 9, NO. 5, MAY 1970, PP.1092-1096. CONTRACT NO. NAS7-100.
NR-H8-00-000-00953	SPECTRAL EMITTANCE AND REFLECTANCE OF POWDERS. J.R. ARONSON, AND A.G. EMSLIE, A.D. LITTLE, INC., CAMBRIDGE, MASS., AND T.P. ROONEY, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. IN APPLIED OPTICS, VOL. 8, NO. 8, AUG. 1969. PP.1639-1643.
NR-H8-00-000-00955	ON THE PRECISION OF STEREO-METRIC SYSTEMS. CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES NO. 15. H.M. KARARA, UNIVERSITY OF ILLINOIS, URBANA, ILL. AT INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND, JULY 1968, COMMISSION 5 INVITED PAPER. CONTRACT NUMBER NSF-GK-1888. N69-65615 PB-179 920
NR-H8-00-000-00957	CONPLOT 1 - A CONTOUR GENERATING PROGRAM. FINAL REPORT. REPORT NO. USAETL-CR-70-2. B. FLESHEL, A.J. STEWART, AND M. GILMAN, BRADFORD COMPUTER AND SYSTEMS, INC., N.Y. MAY 1970, 181P. CONTRACT NO. DAAK02-69-C-0487. MICROFICHE COPY. AD-709675 N70-41652

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00961	A GENERAL-PURPOSE PERCEPTRON SIMULATOR. KURT ENSLEIN, GENESSEE COMPUTER CENTER, INC., ROCHESTER, NEW YORK. IN COMPUTERS AND BIOMEDICAL RESEARCH, VOL. 1, NO. 3, SEPT. 1967. PP.187-214. CONTRACT NO. GM-12015.
NR-H8-00-000-00962	ETUDE ET REALISATION D'UN DISPOSITIF DE GONOMETRIE ET D'OBSERVATION DE FORMES D'ONDE, EN LARGE BANDE, DANS LE DOMAINE DES ONDES LONGUES. (DEVELOPMENT OF A GONOMETRIC DEVICE AND THE OBSERVATION OF BROADBAND WAVEFORMS IN THE WAVELENGTH DOMAIN.) REPORT NO. NT-171. JACQUES BERTIN, MINISTERE DE L'AIRE, PARIS, FRANCE. PUBLICATIONS SCIENTIFIQUES ET TECHNIQUES DU MINISTERE DE L'AIRE. NOTES TECHNIQUES 171. 77P. 1969. N70-24713
NR-H8-00-000-00963	SPATIAL FREQUENCY ANALYSIS USING OPTICAL FOURIER TRANSFORMS. TECHNICAL MEMORANDUM RSC-7. T.A. EPPES, TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. 1970.
NR-H8-00-000-00964	DEVELOPMENT OF A COMPUTER PROGRAMMING PACKAGE FOR DIGITAL SPATIAL FREQUENCY ANALYSIS OF IMAGES. TECHNICAL MEMORANDUM RSC-08. 15P. T.A. EPPES, TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS 1970.
NR-H8-00-000-00965	METHODS OF ORBITAL EXPERIMENTS SYNTHESIS. REPORT NO. MDAC WD1166. V. GRADECK, McDONNELL DOUGLAS ASTRONAUTICS CO., HUNTINGTON BEACH, CALIF. PRESENTED TO AMERICAN ASTRONAUTICAL SOCIETY NATIONAL MEETING, LAS CRUCES, NEW MEXICO, OCT. 1969. 22P. PUBLISHED IN - RAUMFAHRTFORSCHUNG, VOL. 14, JULY-AUG. 1970. PP.157-165. A70-42500
NR-H8-00-000-00966	ATMOSPHERIC DENSITIES FROM DRAG ON FIVE SATELLITES. REPORT NO. SAO SR-326. LUIGI G. JACCHIA, AND JACK W. SLOWEY, SMITHSONIAN INSTITUTION ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS. OCT. 1970. 124P.
NR-H8-00-000-00967	TERRESTRIAL RADIO STUDIES WITH SATELLITES. KENNETH DAVIES, U.S. DEPT. OF COMMERCE, BOULDER, COLO. PRESENTED AT AIAA ANNUAL MEETING, 4TH, ANAHEIM, CALIF., OCT. 1967. AIAA PAPER 67-790. 14P.
NR-H8-00-000-00968	THE EARTH'S ATMOSPHERE - DENSITY. D.G. KING-HELE, ROYAL AIRCRAFT ESTABLISHMENT, FARNSBOROUGH, ENGLAND. IN CONFERENCE ON ARTIFICIAL SATELLITES, VIRGINIA POLYTECHNIC INSTITUTE, AUG. 1963, PROCEEDINGS PART A. PP.IV-1 TO IV-30. N68-83286
NR-H8-00-000-00969	BERECHNUNGEN DER SPEKTRALEN STRAHLUNGSEXTINKTION AN ATMOSPHERISCHEN AEROSOLPARTIKELN MIT VERSCHIEDENEN KOMPLEXEN BERECHNUNGSINDICES. (CALCULATIONS OF THE SPECTRAL EXTINCTION COEFFICIENT OF ATMOSPHERIC AEROSOL PARTICLES WITH DIFFERENT COMPLEX REFRACTIVE INDICES.) G. HANEL, AND K. BULLRICH, INSTITUT FUR METEOROLOGIE, JOHANNES GUTENBERG-UNIVERSITAT MAINZ, MAINZ, WEST GERMANY. IN BEITRAGE ZUR PHYSIK DER ATMOSPHERE, VOL 43, NO. 3, 1970. PP.202-207. A70-43171
NR-H8-00-000-00970	METHODS OF EVALUATING CORRECTIVE LIGHT FILTERS. G. IA. KOSSOV, (USSR) IN SOVIET JOURNAL OF OPTICAL TECHNOLOGY, VOL. 37, NO. 2, FEB. 1970. PP.81-83. TRANSL. FROM OPTIKO-MEKHANICHESKAYA PROMYSHLENNOST, VOL. 37, FEB. 1970. A70-42503

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00971	METHODEN ZUR EXAKTEN PHOTOGRAPHISCHEN FARHWIEDERGABE IN DER ASTRONOMIE. (METHODS FOR THE EXACT PHOTOGRAPHIC REPRODUCTION OF COLOR IN ASTRONOMY). NORBERT VORSTADT, GERMANY. IN STERNE UND WELTRAUM, VOL. 9, OCT. 1970. PP.265-268. A70-44903
NR-H8-00-000-00972	IMAGE QUALITY IN THE HUMAN EYE. G. WESTHEIMER, UNIV. OF CALIFORNIA, BERKELEY. IN OPTICA ACTA, VOL. 17, NO. 9, SEPT. 1970. PP.641-658. CONTRACT NO. PHS GRANT EY-00220. A70-43818
NR-H8-00-000-00973	TRANSMISSION FACTORS OF MICROWAVE FILTERS WITH PRESCRIBED ATTENUATION AND GROUP DELAY. B.D. RAKOVICH, AND A.D. JOVANOVIH, UNIVERSITY OF BELGRADE, YUGOSLAVIA. IN RADIO AND ELECTRONIC ENGINEER, VOL. 40, NO. 3, SEPT. 1970. PP.121-131. A70-43173
NR-H8-00-000-00974	A UNIFIED APPROACH TO THE DESIGN OF ELECTRO-OPTICAL (E-O) SENSOR SUBSYSTEMS. F.B. AMOS, AND MARIAN WANG, GRUMMAN AEROSPACE CORP., BETHPAGE, N.Y. IN ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE, 1ST, NEW YORK CITY, SEPT. 1969, PROCEEDINGS. PP.553-562. A70-33172
NR-H8-00-000-00975	RESTORATION OF OPTICAL PROPERTIES OF SURFACES BY RADIOFREQUENCY-EXCITED OXYGEN. ROGER B. GILLETTE, JOHN R. HOLLAHAN, AND GEORGE L. CARLSON, BOEING COMPANY, SEATTLE, WASHINGTON. IN JOURNAL OF VACUUM SCIENCE AND TECHNOLOGY, VOL. 7, NO. 5, SEPT.-OCT. 1970. PP.534-537. CONTRACT NO. NAS1-7627. A70-42622
NR-H8-00-000-00976	A CRITERION OF EFFICIENCY FOR OPTICAL SCANNING SYSTEMS. R.W. POWELL, MCDONNELL DOUGLAS AERONAUTICS CO., HUNTINGTON BEACH, CALIF. IN ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE, 1ST, NEW YORK CITY, SEPT. 1969, PROCEEDINGS. PP.262-275. A70-33151
NR-H8-00-000-00977	THE CHANGE OF AERIAL CAMERA EXPOSURE WITH SOLAR ALTITUDE. M.R. SPECHT, N.L. FRITZ, AND A.L. SOREM, EASTMAN KODAK CO., ROCHESTER, N.Y. IN PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 10, NO. 3, MAY-JUNE 1966. PP.150-155.
NR-H8-00-000-00978	THERMAL MAPPING BY MEANS OF A SYSTEM INCORPORATING INTERFACED ELECTRO-OPTICAL/COMPUTER TECHNIQUES. JEFFERSON F. NEWTON AND HAMILTON M. MAYNARD, CORNELL AERONAUTICAL LABORATORY, INC., BUFFALO, NEW YORK. IN ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE, 1ST, NEW YORK CITY, SEPT. 1969, PROCEEDINGS. PP.511-517. A70-33169
NR-H8-00-000-00979	DYNAMICAL ANALYSIS OF OUTFLOW FROM TORNADO-PRODUCING THUNDERSTORMS AS REVEALED BY ATS III PICTURES. REPORT NO. SMRP RESEARCH PAPER NO. 81. K. NINOMIYA, UNIVERSITY OF CHICAGO, CHICAGO, ILL. DEC. 1969. 45P. CONTRACT NOS. GRANTS NGR 14-001-008, USESSA E-22-41-69(G), AND ESSA E-198-68(G). PB-190918
NR-H8-00-000-00980	DETERMINATION OF MASS OUTFLOW FROM A THUNDERSTORM COMPLEX USING ATS III PICTURES. REPORT NO. SMRP RESEARCH PAPER NO. 79. T.T. FUJITA, AND D.L. BRADBURY, UNIVERSITY OF CHICAGO, CHICAGO, ILL. CONTRACT NOS. GRANTS NGR 14-001-008, USESSA E-22-45-68(G), AND ESSA E-198-68(G). PB-190913
NR-H8-00-000-00982	LIMITING FRINGE POINTING PRECISION IN A SCANNING TWO-BEAM INTERFEROMETER. O.J. RAYMOND, AUSTRALIAN MILITARY FORCES, CANBERRA SCIENTIFIC ADVISER'S OFFICE, AUSTRALIA. IN APPLIED OPTICS, VOL. 9, NO. 5, MAY 1970. PP.1140-1145. AD-711185

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00983	A POLARIZATION FABRY-PEROT DUOCHROMATOR. REPORT NO. AFOSR-70-2382TR. JOSEPH G. HIRSCHBERG, AND WALTER I. FRIED, MIAMI UNIVERSITY, CORAL GABLES, FLA. SEPT. 1969. 4P. IN APPLIED OPTICS, VOL. 9, NO. 5, MAY 1970. PP.1137-1139. CONTRACT NO. GRANT AF-AFOSR-1496-68. AD-711488
NR-H8-00-000-00984	WORKBOOK OF ATMOSPHERIC DISPERSION ESTIMATES. REPORT NO. PUBLIC HEALTH SERVICE PUB. NO. 999-AP-26. D. BRUCE TURNER, AIR RESOURCES FIELD RESEARCH OFFICE, ESSA, NATIONAL AIR POLLUTION CONTROL ADMINISTRATION, CINCINNATI, OHIO. REVISED 1970. 91P. PB-191482
NR-H8-00-000-00985	APPLICATION OF INERTIAL TECHNOLOGY TO AIRBORNE GRAVIMETRY. ELMER J. FREY, AND RAYMOND B. HARLAN, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, EXPERIMENTAL ASTRONOMY LABORATORY, CAMBRIDGE, MASS. TO BE PRESENTED AT NORTH ATLANTIC TREATY ORGANIZATION, ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, OKFORD, ENGLAND, SEPT. 1967. 35P. CONTRACT NO. AF19(62H)-5546.
NR-H8-00-000-00986	DIM LIGHT PHOTOGRAPHY AND VISUAL OBSERVATIONS OF SPACE PHENOMENA FROM MANNED SPACECRAFT, I. REPORT NOS. X-613-66-58, AND NASA-TM-X-55752. L. DUNKELMAN, AND R.D. MERCER, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. FEB. 1966, 19P. N67-23909
NR-H8-00-000-00987	OPTO-ELECTRONICS SIGNAL PROCESSING TECHNIQUES. PAPERS PRESENTED AT THE AVIONICS PANEL 17TH TECHNICAL SYMPOSIUM, TONSBERG, NORWAY, OCT. 1969. REPORT NO. AGARD-CP-50. NORTH ATLANTIC TREATY ORGANIZATION, ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, NEUILLY-SUR-SEINE, FRANCE. FEB. 1970, 500P. MICROFICHE AND HARD COPY. N70-32686
NR-H8-00-000-00988	ESTIMATING ATTENUATION THROUGH PRECIPITATION FROM THE RADAR ECHO. REPORT NO. P-41. M.S. FOWLER, AND A.H. LAGRONE, UNIVERSITY OF TEXAS, ANTENNAS AND PROPAGATION DIV., AUSTIN, TEXAS. JAN. 1970, 27P. CONTRACT NOS. GRANTS NSF GA-772 AND NSF GA-11462. PB-190162 N70-37270
NR-H8-00-000-00989	EVALUATION OF A METHOD FOR OBTAINING SIGNAL ATTENUATION FROM BACKSCATTER MEASUREMENTS. REPORT NO. P-42. M.S. FOWLER AND A.H. LAGRONE, UNIVERSITY OF TEXAS, ANTENNAS AND PROPAGATION DIV., AUSTIN, TEXAS. FEB. 1970, 15P. CONTRACT NOS. GRANTS NSF GA-772, AND NSF GA-11462. PB-190161 N70-37246
NR-H8-00-000-00990	PHOTOGRAPHIC FILM AS A RADIOMETRIC IMAGE DETECTOR. REPORT NOS. MS-2606, AND ESD-TR-70-165. DAVID G. KOCHER, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LINCOLN LAB., LEXINGTON, MASS. 1969. 10P. PUBLISHED IN SPIE ANNUAL TECHNICAL SYMPOSIUM, 14TH, PROCEEDINGS, N.D. PP.11-19. CONTRACT NOS. AF19(628)-5167, AND ARPA ORDER 600. AD-708 599
NR-H8-00-000-00991	NASA DIRECTORY OF OBSERVATION STATION LOCATIONS. 2 VOLUMES. COMPUTER SCIENCES CORP., GEONAUTICS OPERATION, FALLS CHURCH, VIRGINIA. NOV. 1970. VOL. 1, 235P., VOL. 2, 318P. PREPARED FOR - NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-00992	STANDARD LAND USE CODING MANUAL. DEPT. OF TRANSPORTATION, BUREAU OF PUBLIC ROADS, WASHINGTON, D.C., JAN. 1965, REPRINTED 1969, 120P.
NR-H8-00-000-00993	MEASUREMENTS OF ULTRAVIOLET SPECTRAL RADIANCE OF THE HORIZON SKY. G.L. KNENSTRICK, AND J.A. CURCIO, U.S. NAVY, NAVAL RESEARCH LABORATORY, WASHINGTON, D.C. OPTICAL SOCIETY OF AMERICA, ANNUAL MEETING, CHICAGO, ILL., OCT 1969 PRESENTATION. PUBLISHED IN APPLIED OPTICS, VOL. 9, JULY 1970. PP.1574-1576. A70-36752
NR-H8-00-000-00994	AN INVESTIGATIONAL TECHNIQUE FOR THE BEHAVIOR OF A CONTAMINATED OPTICAL SURFACE IN THE NEAR ULTRAVIOLET-VISIBLE-NEAR INFRARED. W. WALDING MOORE, JR., PHILIP W. TASHBAR, NASA, MARSHALL SPACE FLIGHT CENTER, SPACE SCIENCES LABORATORY, HUNTSVILLE, ALA., AND GEORGE L. BURNS, BROWN ENGINEERING CO., INC., HUNTSVILLE, ALA. IN APPLIED SPECTROSCOPY, VOL. 24, JULY-AUG. 1970, PP.457-459. A70-36786
NR-H8-00-000-00995	THE POLARIZATION OF VARIABLE RADIO SOURCES AT 8 GHZ. I. THE OBSERVATIONS. HUGH D. ALLER, RADIO ASTRONOMY OBSERVATORY, ANN ARBOR, MICH. IN ASTROPHYSICAL JOURNAL, VOL. 161, JULY 1970, PT. 1. PP.1-18. CONTRACT NOS. NSF GRANT GP-2103, AND CONTRACT NONR-1224(61). A70-37001
NR-H8-00-000-00996	THE POLARIZATION OF VARIABLE RADIO SOURCES AT 8 GHZ. II-- INTERPRETATION. HUGH D. ALLER, RADIO ASTRONOMY OBSERVATORY, ANN ARBOR, MICH. IN ASTROPHYSICAL JOURNAL, VOL. 161, JULY 1970, PT. 1. PP.19-31. CONTRACT NOS. NONR-1224(61), AND NSF GRANT GP-2103. A70-37002
NR-H8-00-000-00997	METEOROLOGICAL APPLICATION OF SATELLITE WINDOW RADIATION. KONG SAM PAK, MEISEI DENKI CO., LTD, TOKYO, JAPAN. IN - JOURNAL OF APPLIED METEOROLOGY, VOL. 9, JUNE 1970. PP.521-529. A70-35932
NR-H8-00-000-00998	FEASIBILITY OF HIGH-RESOLUTION OPTICAL IMAGES FROM MICROWAVE FAR-FIELD HOLOGRAMS. D.N. SWINGLER, SHEFFIELD UNIVERSITY, SHEFFIELD, ENGLAND. IN ELECTRONICS LETTERS, VOL. 6, NO. 12, JUNE 11, 1970. PP.375-377. A70-34043
NR-H8-00-000-00999	FLUX EMISSIVITY TABLES FOR WATER VAPOR, CARBON DIOXIDE AND OZONE. D.O. STALEY, AND G.M. JURICA, UNIVERSITY OF ARIZONA, INSTITUTE OF ATMOSPHERIC PHYSICS, TUCSON, ARIZONA. JOURNAL OF APPLIED METEOROLOGY, VOL. 9, JUNE 1970. PP.365-372. CONTRACT NO. N00014-67-A-0209-0004. A70-35927
NR-H8-00-000-01000	THE RELATIVE SENSITIVITIES OF POLYETHYLENE SHIELDED NET RADIOMETERS FOR SHORT AND LONG WAVE RADIATION. SHERWOOD B. IDSO, U.S. DEPT. OF AGRICULTURE, WATER CONSERVATION LABORATORY, PHOENIX, ARIZONA. IN REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 41, NO. 7, JULY 1970. PP.939-943. A70-37087
NR-H8-00-000-01002	TRANSFORMATION PROPERTIES OF HOLOGRAMS. A.D. GALPERN, AND IU. N. DENISIUK. IN SOVIET JOURNAL OF OPTICAL TECHNOLOGY, VOL. 36, SEPT-OCT. 1969. PP.680-683. TRANSLATION. A70-34218
NR-H8-00-000-01003	THE EFFECTS OF DIFFRACTION ON THE FIELD OF VIEW OF AN OPTICAL INSTRUMENT. W.C. BRAUN, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. IN APPLIED OPTICS, VOL. 9, AUG. 1970. PP.1862-1867. A70-39087

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01004	PRESPECTIVE AND SYSTEMS ENGINEERING OF MANNED PLANETARY FLIGHT. REPORT NO. SD70-339. KRAFFT A. EHRLICHE, NORTH AMERICAN ROCKWELL CORPORATION, SPACE DIVISION, DOWNEY, CALIFORNIA, JUNE 1970, 70P. PRESENTATION - PUBLISHED AS AMERICAN ASTRONAUTICAL SOCIETY, ANNUAL MEETING, 16TH, ANAHEIM, CALIF., JUNE 1970, PAPER AAS 70-037. 72P. A70-34778
NR-H8-00-000-01005	GRAVITY WAVES IN A REALISTIC ATMOSPHERE. J.E. MIDGLEY, AND H.B. LIEMOHN, SOUTHWEST CENTER FOR ADVANCED STUDIES, DALLAS, TEXAS. 57P. SUBMITTED TO THE JOURNAL OF GEOPHYSICAL RESEARCH, FEB. 1966. CONTRACT NO. GRANT NGR 44-004-026.
NR-H8-00-000-01006	INVESTIGATION OF THE LOWER 300-METER LAYER OF THE ATMOSPHERE (SELECTED ARTICLES). REPORT NO. FTD-MT-64-361. AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO, MAY 1967, 62P. TRANSL. OF AKADEMIJA NAUK SSSR. INSTITUT PRIKLADNOY GEOFIZIKI. (ISSLEDOVANIYE NIZHNEGO 300-METROVOGO SLOYA ATMOSFERY), MOSCOW, 1963. PP.3-34. AD-658244 N68-10052 N68-10055
NR-H8-FJ-194-01008	AN OPERATIONAL LINEAR LEE WAVE MODEL FOR ARBITRARY BASIC FLOW AND TWO-DIMENSIONAL TOPOGRAPHY. REPORT NO. NCAR MANUSCRIPT 70-44. I. VERGEINER, NATIONAL CENTER FOR ATMOSPHERIC RESEARCH, BOULDER COLO. COLORADO STATE UNIV., DEPT. OF ATMOSPHERIC SCIENCE, FORT COLLINS, COLO., APRIL 1970, 90P. CONTRACT NO. NAS9-10305.
NR-H8-00-000-01009	MANNED PLANETARY SPACECRAFT COMMONALITY WITH SPACE STATION. REPORT NO. SD70-342. KRAFFT A. EHRLICHE, AND ALLAN L. JONES, NORTH AMERICAN ROCKWELL CORPORATION, SPACE DIVISION, DOWNEY, CALIFORNIA. JUNE 1970, 42P. PRESENTATION. PUBLISHED AS AMERICAN ASTRONAUTICAL SOCIETY, ANNUAL MEETING, 16TH, ANAHEIM, CALIF., JUNE 1970, PAPER AAS 70-023. 44P. A70-34799
NR-H8-00-000-01010	BIBLIOGRAPHY OF FAR INFRARED SPECTROSCOPY. D. BLOOR, DEPT. OF PHYSICS, QUEEN MARY COLLEGE, LONDON E.1, ENGLAND. IN INFRARED PHYSICS, VOL. 10, MARCH 1970. PP.1-55. A70-30987
NR-H8-00-000-01011	THERMAL EMISSION SPECTRA OF THE EARTH AND ATMOSPHERE FROM NIMBUS 4 MICHELSON INTERFEROMETER EXPERIMENT. REPORT NOS. NASA-TM-X-63974, AND X-620-70-244 PREPRINT. R.A. HANEL, AND B.J. CONRATH, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. JUNE 1970, 14P. IN NATURE, VOL. 228, OCT. 10, 1970. PP.143-145. MICROFICHE AND HARD COPIES. A70-44866 N70-33160
NR-H8-00-000-01012	A DIGITAL COLOR PRINTER. JAMES M. DEMASO, RICHARD P. RAPPAPORT, AND ABRAHAM L. RUIZ, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. PRESENTATION; 7P. PUBLISHED IN ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE, 1ST, NEW YORK CITY, SEPT. 1969, PROCEEDINGS. PP.663-665. A70-33180.
NR-H8-00-000-01013	ANALYSIS OF SURVEYOR DATA, 1 JULY 1968-30 JUNE 1969. REPORT NOS. NASA-CR-109788, AND JPL-TR-32-1443. JET PROPULSION LAB., CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF., JUNE 1969, 180P. CONTRACT NO. NAS7-100. N70-33455
NR-H8-00-000-01014	FIRST RESULTS FROM THE SELECTIVE CHOPPER RADIOMETER ON NIMBUS 4. P.J. ELLIS, G. PECKHAM, S.D. SMITH, READING, UNIVERSITY, READING, BERKS, ENGLAND, AND OTHERS. IN NATURE VOL. 228, OCT. 10, 1970. PP.139-143. A70-44865

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01015	UNFOCUSED SYNTHETIC APERTURE RADAR - BASIC SYSTEM REQUIREMENTS. REPORT NO. CRES TM 137-2. R. GERCHBERG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS, MARCH 1968. CONTRACT NO. NOO N62306-67-C-0044.
NR-H8-00-000-01016	GEODETIC SATELLITE RESULTS DURING 1967. REPORT NO. SAO-SR-264. C.A. LUNDQUIST, EDITOR, SMITHSONIAN INSTITUTION, ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS., DEC. 1967, 354P.
NR-H8-00-000-01017	A SCIENCE IMPROVEMENT PROGRAM FOR THE GULF COAST REGION. INTRODUCTION AND PART I. FREDERICK RUECKING, JR., FONDRER LIBRARY, RICE UNIVERSITY, HOUSTON, TEXAS, MAY 1970, 110P. PB-192 127
NR-H8-00-000-01019	SIRS--AN EXPERIMENT TO MEASURE THE FREE AIR TEMPERATURE FROM A SATELLITE. D.O. WARK, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. IN APPLIED OPTICS, VOL. 9, AUG. 1970. PP.1761-1766. A70-39077
NR-H8-00-000-01020	ITERATIVE SOLUTION OF THE RADIATIVE TRANSFER EQUATION FOR THE TEMPERATURE AND ABSORBING GAS PROFILE OF AN ATMOSPHERE. W.L. SMITH, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. IN APPLIED OPTICS, VOL. 9, SEPT. 1970. PP.1993-1999. A70-40803
NR-H8-00-000-01021	SPACE RESEARCH II, PROCEEDINGS OF THE SECOND INTERNATIONAL SPACE SCIENCE SYMPOSIUM, FLORENCE, ITALY, APRIL 1961. H.C. VAN DE HULST, C. DE JAGER, AND A.F. MOORE, EDITORS, AMSTERDAM NORTH-HOLLAND PUBLISHING CO., 1961, 1 VOL., 1256P.
NR-H8-00-000-01022	SPACE RESEARCH III, PROCEEDINGS OF THE THIRD INTERNATIONAL SPACE SCIENCE SYMPOSIUM, WASHINGTON, D.C., MAY 1962. WOLFGANG PRIESTER, EDITOR, AMSTERDAM, NORTH-HOLLAND PUBLISHING CO., 1963, 1 VOL., 1291P.
NR-H8-00-000-01031	TARGET SIGNATURES ANALYSIS CENTER - DATA COMPILATION. SUPPLEMENT 2 - DATA COMPILATION OF TARGET AND BACKGROUND CHARACTERISTICS. IN 3 VOLS. REPORT NO. 7850-2-B. DIANNE GEORGE EARING, AND JAMES A SMITH, INFRARED AND OPTICAL SENSOR LABORATORY, WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. JULY 1966, 1088P. IN 3 LOOSELEAF VOLS. CONTRACT NOS. AF33(657)-10974, AND AF33(615)-3654. MICROFICHE AND HARD COPY. AD-489968
NR-H8-00-000-01032	SHIRAN - GEODETIC SURVEY SYSTEM, ELECTRONIC, AN/USQ-32 (XA-1). SUMMARY OF WORK PERFORMED, FEB. 62-OCT. 64. REPORT NOS. SEG-TR-64-72, AND FIR/21-2. CUBIC CORPORATION, SAN DIEGO, CALIFORNIA. APRIL 1965, 206P. CONTRACT NO. AF33(657)-7546. AD-618 063
NR-H8-00-000-01033	CLOUD COVER DATA FOR LANDMARK STUDIES. REPORT NO. E-1333. CHUNG L. PU, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, INSTRUMENTATION LABORATORY, CAMBRIDGE, MASS., MARCH 1963, 37P. CONTRACT NOS. AF 33(600)-38967, AND NAS9-153.
NR-H8-00-000-01034	PROPOSAL FOR LASER ALTIMETER. REPORT NO. P-1913. TRG/DIVISION OF CONTROL DATA CORPORATION, MELVILLE, NEW YORK, JUNE 1967, 215P.
NR-H8-00-000-01035	AN AIR PHOTO INTERPRETATION TABLE FOR MIRROR STEREOSCOPE. GARY R. JENSEN, AND MERLE P. MEYER, SCHOOL OF FORESTRY, UNIVERSITY OF MINNESOTA, ST PAUL, MINN. IN JOURNAL OF FORESTRY, VOL. 66, JUNE 1968. PP.490-491. ALSO PUBLISHED AS - MINNESOTA AGRICULTURAL EXPERIMENT STATION, SCIENTIFIC JOURNAL SERIES PAPER NO. 6386.



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01037	APPLICATION OF STATE-VARIABLE TECHNIQUES TO OPTIMAL FEATURE EXTRACTION--MULTICHANNEL ANALOG DATA. REPORT NO. AFOSR-70-2358TR. TERRY L. HENDERSON, AND DEMETRIOS G. LAINIOTIS, UNIVERSITY OF TEXAS, COLLEGE OF ENGINEERING, AUSTIN, TEXAS. NOV. 1969, 13P. IN IEEE TRANSACTIONS ON INFORMATION THEORY, VOL. IT-16, NO. 4, JULY 1970. PP.396-406. CONTRACT NOS. GRANTS AF-AFOSR-1764-69, AND AF-AFOSR-766-67. AD-711438 MICROFICHE AND HARD COPY.
NR-H8-00-000-01038	A MODIFIED FIGURE OF MERIT FOR FEATURE SELECTION IN PATTERN RECOGNITION. REPORT NO. AFOSR-70-2357TR. J.E. PAUL, JR., A.J. GOETZE, AND J.B. O'NEAL, JR., NORTH CAROLINA STATE UNIVERSITY, SCHOOL OF ENGINEERING, RALEIGH, N.C. AUG. 1969, 5P. IN IEEE TRANSACTIONS ON INFORMATION THEORY, VOL. IT-16, NO. 4, JULY 1970. PP.504-507. CONTRACT NO. F44620-69-C-0033. AD-711423
NR-H8-BH-057-01039	TIME, SHADOWS, TERRAIN, AND PHOTOINTERPRETATION. ROBERT J. MACKMAN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN GEOLOGICAL SURVEY RESEARCH 1967, U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 575-B, 1967. PP.B155-B160.
NR-H8-00-000-01040	EFFECT OF OPTICAL INHOMOGENEITY OF THE ATMOSPHERE ON IMAGE QUALITY. V.I. KUSHPII, G.S. OSTANIN, AND K.F. KHAZAK. IN SOVIET JOURNAL OF OPTICAL TECHNOLOGY, VOL. 36, SEPT-OCT. 1969. PP.669-672. TRANSLATION. A70-34215
NR-H8-00-000-01041	CALIBRATION OF TELERADIOMETERS. A.I. LAZAREV, (USSR) IN SOVIET JOURNAL OF OPTICAL TECHNOLOGY, VOL. 37, JAN. 1970. PP.7-10. TRANSLATION FROM OPTIKO-MEKHANICHESKAIA PROMYSLENNOST, VOL. 37, JAN. 1970. A70-39798
NR-H8-00-000-01042	A LABORATORY SYSTEM FOR SHORT WAVE CALIBRATION OF NET PYRRADIOMETERS. B.G. COLLINS, COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, DIV. OF METEOROLOGICAL PHYSICS, ASPENDALE, VICTORIA, AUSTRALIA. IN PURE AND APPLIED GEOPHYSICS, VOL. 80, NO. 3, 1970. PP.371-377. A70-39147
NR-H8-00-000-01043	UN NOUVEAU TYPE DE GRILLE DE SPECTROMETRE. (A NEW TYPE OF SPECTROMETER GRILLE) J. MORET-BAILLY, CL. MILAN, AND J. CADOT, DIJON UNIVERSITE, LABORATOIRE DE SPECTROSCOPIE MOLECULAIRE, DIJON, FRANCE. IN NOUVELLE REVUE D'OPTIQUE APPLIQUEE, VOL. 1, MAY-JUNE 1970. PP.137-144. IN FRENCH. A70-37358
NR-H8-00-000-01044	AN INTRODUCTION TO REMOTE SENSING FOR ENVIRONMENTAL MONITORING. REPORT NO. REPORT NO. 1. JAMES P. SCHERZ, AND ALAN R. STEVENS, AND EDMUND R. BELAK, JR., UNIVERSITY OF WISCONSIN, REMOTE SENSING PROGRAM, MADISON, WISCONSIN, AUG. 1970, 82P.
NR-H8-00-000-01047	THE RELATIONSHIP BETWEEN THE MAGNETIC FIELDS IN SPACE AND AT THE EARTH'S SURFACE. S.M. MANSUROV, AND L.G. MANSUROVA, AKADEMIIA NAUK SSSR, INSTITUT ZEMNOGO MAGNETIZMA, IONOSFERY I RASPROSTRANENIIA RADIOVOLN, MOSCOW, USSR. IN ANNALES DE GEOPHYSIQUE, VOL. 26, APRIL-JUNE 1970. PP.397-399. A70-43285
NR-H8-00-000-01048	INFRARED EMISSION BY FINE WATER AEROSOLS AND FOGS. H.R. CARLON, U.S. ARMY, DEFENSE DEVELOPMENT AND ENGINEERING LABORATORIES, EDGEWOOD ARSENAL, MARYLAND. IN APPLIED OPTICS, VOL. 9, SEPT. 1970. PP.2000-2006. A70-40804



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01049	PRACTICAL APPLICATIONS OF SEQUENTIAL PATTERN RECOGNITION TECHNIQUES. R. NEWMAN, AND B. REISINE, PURDUE UNIVERSITY, LAFAYETTE, IND. IN TECHNOLOGY TODAY AND TOMORROW, CANAVERAL COUNCIL OF TECHNICAL SOCIETIES, SPACE CONGRESS, 7TH, COCOA BEACH, FLA., APRIL 1970, PROCEEDINGS, VOL. 1. PP.2-1 TO 2-9.
NR-H8-00-000-01050	A GENERAL DISCUSSION OF REMOTE SENSING OF THE ATMOSPHERE. H.M. YATES, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, SUITLAND, MARYLAND. IN APPLIED OPTICS, VOL. 9, SEPT. 1970. PP.1971-1975. A70-40801
NR-H8-DK-000-01051	SOME SHIFTING RELATIONSHIPS BETWEEN THE USER COMMUNITY AND THE EARTH RESOURCES PROGRAM. ALLAN H. MUIR, EARTH SATELLITE CORP., WASHINGTON, D.C. IN TECHNOLOGY TODAY AND TOMORROW, CANAVERAL COUNCIL OF TECHNICAL SOCIETIES, SPACE CONGRESS, 7TH, COCOA BEACH, FLA., APRIL 1970, PROCEEDINGS, VOL. 1. PP.2-11 TO 2-14. A70-33708
NR-H8-00-000-01052	AIRBORNE ANALYSIS OF ASW UNDERSEA DATA. JAMES R. ERHARDT, AND LANE F. ESSWEIN, SPERRY RAND CORP., UNIVAC DIV., ST. PAUL, MINN. IN SPERRY RAND ENGINEERING REVIEW, VOL. 23, NO. 2, 1970. PP.40-41, 44. A70-40575
NR-H8-00-000-01053	IMAGE ENHANCEMENT TECHNIQUES. DONALD B. GENNERLY, RCA, PATRICK AFB, FLA. IN TECHNOLOGY TODAY AND TOMORROW, CANAVERAL COUNCIL OF TECHNICAL SOCIETIES, SPACE CONGRESS, 7TH, COCOA BEACH, FLA., APRIL 1970, PROCEEDINGS, VOL. 1. PP.12-19 TO 12-36.
NR-H8-00-000-01054	L'AVION, PLATEFORME D'OBSERVATIONS SCIENTIFIQUES (THE AIRCRAFT AS SCIENTIFIC OBSERVATION PLATFORM) PIERRE LENA, OBSERVATOIRE DE MEUDON ET UNIVERSITE DE PARIS, 92, MEUDON, FRANCE. IN SPACE SCIENCE REVIEWS, VOL. 11, SEPT. 1970. PP.131-151. IN FRENCH. A70-43146
NR-H8-00-000-01055	A NEW HOLOGRAPHIC IMAGE DEBLURRING METHOD. G. STROKE, AND M. HALIOUA, NEW YORK STATE UNIVERSITY, STONY BROOK, N.Y. IN PHYSICS LETTERS, VOL. 33A, NO. 1, SEPT. 21, 1970. PP.3-4, 6. CONTRACT NOS. NSF GRANT GK-4543, AND GRANT NGR-33-015-068. A70-43670
NR-H8-00-000-01056	MATERIAL TRANSFER RECORDING. M.L. LEVENE, R.D. SCOTT, AND B.W. SIRYI, RCA, ADVANCED TECHNOLOGY LABORATORIES, CAMDEN, N.J. IN APPLIED OPTICS, VOL. 9, OCT. 1970. PP.2260-2265. A70-43605
NR-H8-00-000-01057	THE HOLO-DIAGRAM. III - A PRACTICAL DEVICE FOR PREDICTING FRINGE PATTERNS IN HOLOGRAM INTERFEROMETRY. N. ABRAMSON, ROYAL INSTITUTE OF TECHNOLOGY, DEPT. OF PRODUCTION ENGINEERING, STOCKHOLM, SWEDEN. IN APPLIED OPTICS, VOL. 9, OCT. 1970. PP.2311-2320. A70-43610
NR-H8-00-000-01058	HOLOGRAPHIC INTERFEROMETRY OF TRANSPARENT OBJECTS WITH ILLUMINATION DERIVED FROM PHASE GRATINGS. C.M. VEST, AND D.W. SWEENEY, UNIV. OF MICHIGAN, RADAR AND OPTICS LAB., ANN ARBOR, MICHIGAN. IN APPLIED OPTICS, VOL. 9, OCT. 1970. PP.2321-2325. CONTRACT NO. DA-AG-46-69-C-0017. A70-43611
NR-H8-00-000-01059	MAGNETIC RECORDING - LATEST DEVELOPMENTS IN GROUND AND AIRBORNE SYSTEMS. M.A. PERRY, SE LABORATORIES, LTD., FELTHAM, MIDDLESEX, ENGLAND. IN ELECTRONIC ENGINEERING, VOL. 42, SEPT. 1970. PP.48-51. A70-41921
NR-H8-00-000-01061	CALIBRATION OF PRECISION GIMBALED POINTING SYSTEMS. ARTHUR K. RUE, HUGHES AIRCRAFT CO., CULVER CITY, CALIF. IN IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, VOL. AES-6, SEPT. 1970. PP.697-706. A70-43587

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01062	SPARROW LIMIT OF SPECTRAL RESOLUTION IN THE REFLECTION SCHELON AND THE FABRY-PEROT INTERFEROMETER HAVING SURFACE IMPERFECTIONS. K. SINGH, AND G.S. BHATNAGAR, INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI, INDIA. IN APPLIED OPTICS, VOL. 9, OCT. 1970. PP.2326-2331. A70-43612
NR-H8-00-000-01063	BRIGHTNESS OF FINE DETAIL IN AIR PHOTOGRAPHY. P.D. CARMAN, AND R.A.F. CARRUTHERS, DIVISION OF PHYSICS, NATIONAL RESEARCH COUNCIL, OTTAWA, CANADA. IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 41, MAY 1951. PP.305-310.
NR-H8-00-000-01064	OPPORTUNITIES FOR PARTICIPATION IN SPACE FLIGHT INVESTIGATIONS. REPORT NOS. NHB 8030.1A, AND MEMO CHANGES 27 THRU 33. NASA, WASHINGTON D.C. APRIL 1967, 159P., AND 7 MEMO CHANGES (50P.)
NR-H8-00-000-01067	PRECISION RADIONETRY AND ITS SIGNIFICANCE IN ATMOSPHERIC AND SPACE PHYSICS. A.J. DRUMMOND, EPPLEY LABORATORIES, INC. NEWPORT, RHODE ISLAND. IN ADVANCES IN GEOPHYSICS, VOL. 14, 1970. PP.1-52.
NR-H8-00-000-01069	THE EFFECT OF THE COLOUR OF THE OBJECT ON THE PHOTOGRAMMETRIC REFRACTION AND THE RESOLUTION OF THE IMAGE. REPORT NO. NRC-TT-1333. I.F. KUSHTIN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA, ONTARIO. 1968, 13P. TRANSL. FROM IZVESTIA VYSSHIKH UCHEBNEYKH ZAVEDENII GEODEZIYA I AEROFOTOS'ENKA (MOSCOW), NO. 5, 1966. PP.75-84. MICROFICHE COPY. N69-10975
NR-H8-00-000-01070	A STUDY OF IMAGE QUALITY EVALUATION. FINAL REPORT. REPORT NOS. RADG-TDR-63-536, AND CAL - VE-1867-G-1. MELVIN J. MAZURKOWSKI, HARRY B. HAMMILL, AND GEORGE H. SAIDER, CORNELL AERONAUTICAL LABORATORY, BUFFALO, N.Y. AUG. 1964, 78P. CONTRACT NO. AF30(602)-3206. MICROFICHE COPY. N64-30116 AD-665184
NR-H8-00-000-01072	RUCHNOI SPEKTROGRAF DLIA SPEKTROFOTOMETRIROVANIIA UDALENNYKH OBJEKTOV. (MANUAL SPECTROGRAPH FOR SPECTROPHOTOMETRY OF DISTANT OBJECTS). A.P. GALTSEV, V.V. MIKHAILOV, ET AL., USSR IN PROBLEMY FIZIKI ATMOSFERI, NO. 7, 1969. PP.184-188. IN RUSSIAN. MICROFICHE COPY. A70-30415
NR-H8-00-000-01073	DEW-POINT DATA FROM A BALLON BORNE OPTICAL HYGROMETER AND RANGE REFRACTIVE INDEX. FREDERICK J. BROUSAIDES, USAF, CAMBRIDGE RESEARCH LABORATORIES, BEDFORD, MASS. IN NATIONAL CONFERENCE ON AEROSPACE METEOROLOGY, 4TH, LAS VEGAS, NEVADA, MAY 1970, PREPRINTS. PP.162-169. MICROFICHE COPY. A70-30573
NR-H8-00-000-01074	FULL VIEW HOLOGRAMS. NICHOLAS GEORGE, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. IN OPTICS COMMUNICATIONS, VOL. 1, NO. 9, APRIL 1970. PP.457-459. MICROFICHE COPY. A70-31209
NR-H8-00-000-01075	A NOVEL TECHNIQUE FOR MEASURING REFLECTIVITIES IN THE NEAR INFRARED. M. BLATTE, FRANKFURT, UNIVERSITAT, FRANKFURT AM MAIN, WEST GERMANY. IN OPTICS COMMUNICATIONS, VOL. 1, APRIL 1970. PP.460-462. MICROFICHE COPY. A70-31210
NR-H8-00-000-01076	COMBINING SATELLITE ALTIMETRY AND SURFACE GRAVIMETRY IN GEODETIC DETERMINATIONS. REPORT NOS. NASA-CR-#6375, AND TE-37. RONALD GING-WEI ENG YOUNG (PH.D. THESIS), MASSACHUSETTS INSTITUTE OF TECHNOLOGY, MEASUREMENT SYSTEMS LABS., CAMBRIDGE, MASS. JAN. 1970, 148P. CONTRACT NOS. GRANTS NGL-22-009-250, AND NGL-22-009-062. MICROFICHE COPY. N70-27143

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01077	MONO VERSUS STEREO ANALYTICAL PHOTOGRAMMETRY-PART I. FINAL TECHNICAL REPORT, SEPT. 65-SEPT. 66. H.M. KARARA, UNIVERSITY OF ILLINOIS, DEPT. OF CIVIL ENGINEERING, URBANA, ILL. FEB. 1969. CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES, NO. 9. CONTRACT NO. DA-44-009-AMC-1338-X. MICROFICHE COPY. AD-664 184
NR-H8-00-000-01078	INHABITED ORBITAL STATIONS. REPORT NO. JPRS-50511. V. VOLKOV, PILOT-COSMONAUT, USSR. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. TRANSLATION OF SOTSIALISTICHESKAYA INDUSTRIYA, MOSCOW, APRIL 12, 1970. PP.4. APRIL 1970-RUSSIAN. MAY 1970-TRANSLATION. MICROFICHE COPY. N70-27272
NR-H8-00-000-01079	MONO VERSUS STEREO ANALYTICAL PHOTOGRAMMETRY-PART II. FINAL TECHNICAL REPORT, DEC. 66-DEC. 67. H.M. KARARA AND G.W. MARKS, UNIVERSITY OF ILLINOIS, DEPT. OF CIVIL ENGINEERING, URBANA, ILL. FEB. 1968, 50P. CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES, NO. 14. CONTRACT NO. DA-44-009-AMC-1338-(X). MICROFICHE COPY. AD-828-750
NR-H8-00-000-01080	AIR QUALITY CRITERIA FOR SULFUR OXIDES. REPORT NO. NAPCA-AP-50. NATIONAL AIR POLLUTION CONTROL ADMINISTRATION, WASHINGTON, D.C. JAN. 1969, 186P. PB-190 252 N70-34552
NR-H8-00-000-01082	RESEARCH IN ADAPTIVE PATTERN RECOGNITION. FINAL REPORT, 1 APRIL 65-31 MARCH 70. REPORT NO. 100-30. DONALD B. BRICK, WILLIAM N. FUREY, JR., AND ERNEST G. HENRICHON, JR., INFOTON INC., BURLINGTON, MASSACHUSETTS. AUG. 1970, 159P. CONTRACT NOS. NONR-4752(00), AND NR-348-010. MICROFICHE AND HARD COPY. AD-711675 N71-10946
NR-H8-00-000-01083	A STUDY OF TROPICAL CLOUD SYSTEMS USING AT'S DATA. REPORT NOS. NWF F-0470-157, AND CEM-4018-415. JOHN T. BALL, THE CENTER FOR THE ENVIRONMENT AND MAN, INC., HARTFORD, CONN. AUG. 1970, 73P. CONTRACT NO. N62306-69-C-0304.
NR-H8-JH-998-01084	HIGH-LEVEL CLOUD PHOTOGRAPHY INVENTORY - BOMEX PERIOD IV, JULY 11-28, 1969. REPORT NO. ERLTM-BOMAP-1. VANCE A. MYERS, ESSA RESEARCH LAB., THE BOMAP OFFICE, ROCKVILLE, MARYLAND. SEPT. 1970, 73P. PB-194661
NR-H8-00-000-01085	DETERMINATION OF THE EARTH'S SURFACE TEMPERATURE FROM REMOTE SPECTRAL RADIANCE OBSERVATIONS NEAR 2600 PER CM. J.H. SHAW, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. IN JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 27, SEPT. 1970. PP.950-959. A70-44035
NR-H8-00-000-01086	CONSTRUCTION OF A COMPLEX-VALUED NONLINEAR DISCRIMINANT FUNCTION FOR PATTERN RECOGNITION. REPORT NO. NKH LABS., NOTE-131. YOSHINORI UESAKA, NKH LABS., TOKYO, JAPAN. DEC. 69, 39P. PB-192 262
NR-H8-00-000-01087	TURBULENCE-INDUCED PHASE ERRORS IN SYNTHETIC-APERTURE RADARS. LEONARD J. PORCELLO, UNIVERSITY OF MICHIGAN, RADAR AND OPTICS LAB., ANN ARBOR, MICH. IN IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, VOL. AES-6, SEPT. 1970. PP.636-644. CONTRACT NOS. AF33(615)-1452, AND AF33(615)-67-C-1814. A70-43579
NR-H8-00-000-01088	A UNIQUE DIGITAL DOPPLER AMBIGUITY RESOLUTION TECHNIQUE. JOHN A. HUNTER, WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MARYLAND. IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, VOL. AES-6, SEPT. 1970. PP.716-718. A70-43592

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01089	SUBJECTIVE ESTIMATES OF COLOUR ATTRIBUTES FOR SURFACE COLOURS. I.G.M. ISHAK, M. BOLMA, AND H.J.J. VAN BUSSEL, INSTITUTE FOR PERCEPTION RESEARCH, EINDHOVEN, NETHERLANDS. IN VISION RESEARCH, VOL. 10, JUNE 1970. PP.489-500. A70-43409
NR-H8-00-000-01091	ELIMINATION OF PHASE CHANGES IN THE VARIAN HA-100 SPECTROMETER. P. AKKERMAN, AND F.W. VAN DEURSEN, PHILIPS-DUPHAR, WEESP, NETHERLANDS. IN JOURNAL OF PHYSICS, PART E - SCIENTIFIC INSTRUMENTS, VOL. 3, OCT. 1970. PP.811-813. A70-44949
NR-H8-00-000-01093	EARTH'S RADIATION TO SPACE AT 15 MICRONS - STRATOSPHERIC TEMPERATURE VARIATIONS. SIGMUND FRITZ, U.S. WEATHER BUREAU, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. IN JOURNAL OF APPLIED METEOROLOGY, VOL. 9, OCT. 1970. PP.815-824. A70-46074
NR-H8-00-000-01095	ON A LOCAL REPRESENTATION OF THE FINE STRUCTURE IN THE EARTH'S GRAVITATIONAL FIELD. S.B. BATDORF, AEROSPACE CORP, SAN BERNARDINO, CALIF. IN ASME, TRANSACTIONS SERIES E - JOURNAL OF APPLIED MECHANICS, VOL. 37, SEPT. 1970. PP.738-743. A70-45287
NR-H8-00-000-01096	SOME CALCULATIONS ON COUPLING BETWEEN SATELLITE COMMUNICATIONS AND TERRESTRIAL RADIO-RELAY SYSTEMS DUE TO SCATTERING BY RAIN. L.T. GUSLER, AND D.C. HOGG, BELL TELEPHONE LABORATORIES, MURRAY HILL, N.J. IN BELL SYSTEM TECHNICAL JOURNAL, VOL. 49, SEPT. 1970. PP.1491-1511. A70-43201
NR-H8-00-000-01098	THE INFRARED INTERFEROMETER EXPERIMENT ON NUMBUS 3. REPORT NOS. NASA-TM-X-63953, AND X-620-70-213. B.J. CONRATH, R.A. HANEL, V.G. KUNDE, AND C. PRABHAKARA, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JUNE 1970, 75P. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, OCT. 20, 1970. PP.5831-5857. MICROFICHE AND HARD COPY. N70-31732 A70-45977
NR-H8-00-000-01099	MICROMINIATURE SOLID-STATE IMAGING SYSTEM UTILIZING HYBRID LSI TECHNIQUES. WILLIAM G. MEND, EUGENE E. MCCOY, AND ROLAND A. ANDERS, WESTINGHOUSE ADVANCED TECHNOLOGY LABS., BALTIMORE, MD. IN IEEE JOURNAL OF SOLID-STATE CIRCUITS, VOL. SC-5, OCT. 1970. PP.254-260. CONTRACT NO. NAS8-5112. MICROFICHE COPY. A70-46216
NR-H8-00-000-01102	THE BISTATIC ECHO AREA OF TERRAIN AT 10 GHZ. W.H. PEAKE, ELECTROSCIENCE LAB., DEPT. OF ELECTRICAL ENGINEERING, OHIO STATE UNIV., COLUMBUS, OHIO, AND S.T. COST, SPACE SCIENCES ENGINEERING LAB., IEM CORP, ROCKVILLE, MD. IN WESCON TECHNICAL PAPERS 1968, PART 1. MICROWAVE AND ELECTRO-OPTIC TECHNOLOGY, PAPER 22/2, 10P.
NR-H8-GH-998-01103	REMOTE SENSING CONFERENCE FOR RECREATION AND RESOURCE ADMINISTRATORS, COLLEGE STATION, TEXAS, DEC. 1969, PROCEEDINGS. REPORT NO. CP-RSC-01. GEORGE R. HARKER, EDITOR, TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. 155P.
NR-H8-00-000-01104	OPTICAL SOCIETY OF AMERICA. PROGRAM OF SPRING MEETING, PHILADELPHIA, PA., APRIL 1970 (ABSTRACTS OF TECHNICAL PAPERS. NOT COMPLETE). OPTICAL SOCIETY OF AMERICA, AMERICAN INSTITUTE OF PHYSICS, N.Y. IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 60, NO. 5, MAY 1970, PP.709-10, 719-20, 722-23, 729-736.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01124	VISUAL FACTORS AFFECTING THE PRECISION OF COORDINATE MEASUREMENT IN AEROTRIANGULATION. CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES NO. 6. DESMOND CONTROY O'CONNOR (PH.D. THESIS), UNIVERSITY OF ILLINOIS, DEPT. OF CIVIL ENGINEERING, URBANA, ILL. MARCH 1967. MICROFICHE COPY. AD-663 821
NR-H8-PH-998-01125	THIS ISLAND EARTH. REPORT NO. NASA SP-250. ORAN W. NICKS, EDITOR, NASA, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1970, 190P.
NR-H8-00-000-01126	ANALYSIS OF THE EFFECT OF HIGH ENERGY PROTONS ON ATM PHOTOGRAPHIC FILM. REPORT NO. NASA-TM-X-53929. RUSSELL D. SHELTON, NASA, MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALA. SEPT. 1969, 10P. N70-35923
NR-H8-00-000-01127	BANDPASS AND PSEUDO-HIGH-PASS QUASI-OPTICAL FILTERS. D.A. LEEDOM, AND G.L. MATYAEI, UNIVERSITY OF CALIFORNIA, DEPT. OF ELECTRICAL ENGINEERING, SANTA BARBARA, CALIF. 1970, 26P. IN IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, VOL. MTT-18, NO. 5, MAY 1970. PP.253-259. CONTRACT NO. GRANT NSF GK-1238. N70-41374 A70-31318
NR-H8-00-000-01129	EMISSION SPECTRA OF PARTICULATE SILICATES UNDER SIMULATED LUNAR CONDITIONS. LLOYD M. LOGAN, AND GRAHAM R. HUNT, AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, MASS. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NO. 32, NOV. 10, 1970. PP.6539-6548.
NR-H8-00-000-01130	DESIGN AND USE OF INTERFERENCE PASSBAND FILTERS WITH WIDE-ANGLE LENSES FOR MULTISPECTRAL PHOTOGRAPHY. D.B. MCKENNEY, AND P.N. SLATER, ARIZONA UNIVERSITY, TUCSON, ARIZONA. IN APPLIED OPTICS, VOL. 9, NOV. 1970. PP.2435-2440. CONTRACT NO. NASS-7081. A71-10827
NR-H8-00-000-01132	GENERAL THEORY OF HOLOGRAPHY. B.P. HILDEBRAND, BATTELLE PACIFIC NORTHWEST LABORATORIES, RICHLAND, WASHINGTON. IN OPTICAL SOCIETY OF AMERICA. JOURNAL, VOL. 60, NOV. 1970. PP.1511-1517. A71-10142
NR-H8-00-000-01133	ABUNDANCE OF N20 IN THE ATMOSPHERE BETWEEN 4.5 AND 13.5 KM. A. GOLDMAN, D.G. MURCRAY, F.H. MURCRAY, ET AL., UNIVERSITY OF DENVER, DENVER, COLO. IN OPTICAL SOCIETY OF AMERICA. JOURNAL, VOL. 60, NOV. 1970. PP.1466-1468. A71-10139
NR-H8-00-000-01134	THERMOGRAPHY - IMAGING IN THE FAR INFRARED. C. MAXWELL CADE, AND BORIS V. BARLOW, SMITHS INDUSTRIES, LTD., LONDON, ENGLAND. IN CONTEMPORARY PHYSICS, VOL. 11, NO. 6, NOV. 1970. PP.589-608. A71-10135
NR-H8-00-000-01136	PATTERN RECOGNITION (OPOZNAVANIE OBRAZOV). REPORT NO. FTD-HC-23-415-69. I.T. TURBOVICH, USSR. AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AFB, OHIO. FOREIGN TECHNOLOGY DIVISION. JUNE 1970, 331P. TRANSL. OF RUSSIAN BOOK PUBL. BY NAUKA PRESS, MOSCOW, 1968. PP.1-228. AD-709352 N70-42458
NR-H8-00-000-01138	SIMPLE HOLOGRAPHIC INTERFEROMETER OF THE RAYLEIGH TYPE. REPORT NO. ARL-70-0222V. J.G. BECSEY, AND GENE E. MADDOX, AEROSPACE RESEARCH LABS., WRIGHT-PATTERSON AFB, OHIO. DEC. 1969, 3P. PUBLISHED IN THE REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 41, NO. 6, JUNE 1970. PP.880-881. AD-712 883

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01105	THE HOLOGRAM. DENNIS GABOR, IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY, LONDON, ENGLAND. IN ROYAL INSTITUTION OF GREAT BRITAIN, PROCEEDINGS, VOL. 43, APRIL 1970. PP.35-70. A70-38449
NR-H8-JG-710-01106	ESSA SCIENCE AND ENGINEERING, JULY 1967-JUNE 1969. ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, ROCKVILLE, MD. 1970, 139P. N70-38566
NR-H8-00-000-01108	REMOTE SENSING SYMPOSIUM, MIDLAND, TEXAS, DEC. 1969, PROGRAM (INCLUDES ABSTRACTS OF PAPERS PRESENTED). PERMIAN BASIN GRADUATE CENTER, MIDLAND, TEXAS. 29P. (NO PROCEEDINGS PRINTED.)
NR-H8-00-000-01109	ON THE MUTUAL COHERENCE FUNCTION OF AN OPTICAL WAVE IN A TURBULENT ATMOSPHERE. REPORT NO. RM-6266-ARPA. R.F. LUTOMIRSKI, AND H.T. YURA, RAND CORPORATION, SANTA MONICA, CALIF. JULY 1970, 25P. CONTRACT NOS. DAHC15-67-C-0141, AND ARPA ORDER-189-1. AD-711 307 MICROFICHE AND HARD COPY.
NR-H8-00-000-01111	RADIATIVE TRANSFER IN ATMOSPHERES SCATTERING ACCORDING TO THE RAYLEIGH PHASE FUNCTION WITH ABSORPTION. ALLEN V. SWEIGART, PRINCETON UNIVERSITY, NEW OBSERVATORY, PRINCETON, N.J. IN ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES (SUPPLEMENT NO. 182) VOL. 22, AUG. 1970. PP.1-80. CONTRACT NOS. NSF GRANTS GJ-34, AND GU-3157. A70-42340
NR-H8-00-000-01113	SOLAR ELECTROMAGNETIC RADIATION. REPORT NO. NASA SP-8005. NASA, WASHINGTON, D.C. JUNE 1965, 10P.
NR-H8-00-000-01114	GROUND WAVE PROPAGATION IN AN IONIZED ATMOSPHERE WITH ARBITRARY VARIATION OF THE CONDUCTIVITY WITH ALTITUDE. REPORT NO. ESSA-TR-ERL-163-ITS 105. J. RALPH JOHLER, INSTITUTE FOR TELECOMMUNICATION SCIENCES, BOULDER, COLO. MARCH 1970, 28P. N70-41988
NR-H8-00-000-01115	WEATHER SATELLITE PICTURE RECEIVING STATIONS - INEXPENSIVE CONSTRUCTION OF AUTOMATIC PICTURE TRANSMISSION GROUND EQUIPMENT. REPORT NO. NASA SP-5080. CHARLES H. VERMILLION, NASA, OFFICE OF TECHNOLOGY UTILIZATION, WASHINGTON, D.C. 1969, 107P. N69-31985
NR-H8-00-000-01117	DARSTELLUNG DES ERDSCHWEREFELDES IN DER SATELLITENGEODASIE DURCH DAS POTENTIAL EINER EINFACHEN SCHICHT. (REPRESENTATION OF THE EARTH'S GRAVITATIONAL FIELD IN SATELLITE GEODESY BY MEANS OF THE POTENTIAL OF A SIMPLE LAYER). KARL-RUDOLF KOCH, ROCKVILLE, MARYLAND. IN ZEITSCHRIFT FUR VERMESSUNGSWESEN, VOL. 95, MAY 1970. PP.173-179. IN GERMAN. A70-31548
NR-H8-00-000-01119	RACOMS IMAGE PROCESSING MODULE 1 - ENGINEER DESIGN TEST REPORT, JUNE 68-JAN. 69. REPORT NO. USAETL-TR-47. FRANCIS P. VENA, U.S. ARMY ENGINEER TOPOGRAPHIC LABS., FORT BELVOIR, VA. OCT. 1969, 44P. MICROFICHE COPY. AD-701 107 N70-26898
NR-H8-00-000-01120	NEIGHBOR DIFFUSION IN MONTEREY BAY. B.J. TAYLOR, JR., (MASTER'S THESIS), U.S. NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIFORNIA. OCT. 1969, 53P. MICROFICHE COPY. AD-706 059
NR-H8-00-000-01123	OPTICS OF PHOTOGRAPHIC AND AERIAL PHOTOGRAMMETRIC INSTRUMENTS, CHAPTER 7. REPORT NO. FTD-MT-24-443-69. L.S. URMACHER, USSR FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO. 1965-RUSSIAN. 1970-TRANSLATION. TRANSLATION OF MONOGRAPHY - OPTIKA FOTOGRAFICHESKIKH I AEROFOTOGRAFMETICHESKIKH PRIBOROV, MOSCOW, 1965. PP.159-198. MICROFICHE COPY. AD-706 202 N70-38717

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01139	THE UNITED KINGDOM NATIONAL SPACE PROGRAMME. JOHN E. TWINN, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, HANTS, ENGLAND, AND B.G. PRESSEY, SCIENCE RESEARCH COUNCIL, LONDON, ENGLAND. IN INTERNATIONAL SYMPOSIUM ON SPACE TECHNOLOGY AND SCIENCE, 8TH, TOKYO, JAPAN, AUG. 1969, PROCEEDINGS (AKIRA TAKANO, ED. TOKYO, AGNE PUBLISHING, INC., 1969). PP.63-70. A70-35206
NR-H8-00-000-01140	ESRO - ORGANISATION AND PROGRAMME. WERNER J. KLEEN, ESRO, EUROPEAN SPACE RESEARCH AND TECHNOLOGY CENTRE, NOORDWIJK, NETHERLANDS. IN INTERNATIONAL SYMPOSIUM ON SPACE TECHNOLOGY AND SCIENCE, 8TH, TOKYO, JAPAN, AUG. 1969, PROCEEDINGS (AKIRA TAKANO, ED.) TOKYO, AGNE PUBLISHING, INC., 1969), PP.33-50. A70-35204
NR-H8-00-000-01141	STATUS OF HUMMINGBIRD FILM DIGITIZERS. REPORT NOS. SLAC-PUB-752, AND CONF-700519-1. JOHN L. BROWN, STANFORD LINEAR ACCELERATOR CENTER, STANFORD, CALIF. MAY 70, 17P. PRESENTED AT THE INTERNATIONAL COLLOQUIUM ON PEPR, (2ND), CAMBRIDGE, MASS., MAY 1970.
NR-H8-00-000-01143	THE JPL STANDARD TOTAL-RADIATION ABSOLUTE RADIOMETER. REPORT NO. JPL TR-32-1263. J.M. KENDALL, SR., JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. MAY 1968, 16P.
NR-H8-00-000-01145	AN EXTERNALLY SYNCHRONIZED CLOCK FOR SATELLITE APPLICATIONS. REPORT NO. RAE-TR-69105. P.H. CLARKSON, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, ENGLAND. MAY 1969, 20P. N71-11531
NR-H8-00-000-01146	STUDY OF THE PERFORMANCE CHARACTERISTIC OF THE BENDIX TYPE DRA-12 AIRBORNE DOPPLER RADAR SYSTEM. FINAL REPORT, FEB.-OCT. 1970. REPORT NOS. FAA-NA-70-50, AND FAA-RD-70-73. ROBERT H. MAYER, NATIONAL AVIATION FACILITIES EXPERIMENTAL CENTER, ATLANTIC CITY, NEW JERSEY. NOV. 1970, 20P. N71-10394 AD-715444 MICROFICHE AND HARD COPY.
NR-H8-00-000-01148	ATTENUATION OF RADIO WAVES BY THE ATMOSPHERE AT THE FREQUENCY 1415 MHZ. P.J. ENCRENAZ, MEUDON OBSERVATOIRE, HAUTS-DE-SEINE, FRANCE, AND A.A. PENZIAS, R.W. WILSON, BELL TELEPHONE LABS., HOLMDEL, N. JERSEY. IN ASTRONOMY AND ASTROPHYSICS, VOL. 9, NO. 1, NOV. 1970. PP.51-52. A71-11381
NR-H8-00-000-01149	A FAR-INFRARED MONOCHROMATOR. REPORT NOS. TM-20, AND AFOSR-70-1861TR. HECTOR J. RUIZ-CARDENAS, AND S.S. SESNIC, ELECTRONICS RESEARCH CENTER, UNIVERSITY OF TEXAS, AUSTIN, TEXAS. JULY 1970, 76P. CONTRACT NO. GRANT AF-AFOSR-1792-69 MICROFICHE AND HARD COPY. AD-712675 N71-13365
NR-H8-00-000-01150	TWO BLACKBODY RADIOMETERS OF HIGH ACCURACY. J.M. KENDALL, SR., AND C.M. BERDAHL, JET PROPULSION LABORATORY, PASADENA, CALIF. IN APPLIED OPTICS, VOL. 9, NO. 5, MAY 1970. PP.1082-1091. A70-32036
NR-H8-00-000-01151	OPTICAL THERMAL TESTING - A STATE OF THE ART REVIEW. RICHARD F. LEFTWICH AND GEORGE B. ORDWAY, BARNES ENGINEERING CO., STAMFORD, CONN. IN INTERNATIONAL JOURNAL OF NONDESTRUCTIVE TESTING, VOL. 2, SEPT. 1970. PP.129-170. A70-40747
NR-H8-00-000-01152	SPACE HANDBOOK - ASTRONAUTICS AND ITS APPLICATIONS. STAFF REPORT OF THE SELECT COMMITTEE ON ASTRONAUTICS AND SPACE EXPLORATION. REPORT NO. HOUSE DOCUMENT NO. 86. ROBERT W. BUCHHEIM, AND STAFF, THE RAND CORP., SANTA MONICA, CALIF. 1959, 257P.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01156	VARIATIONS IN THE EARTH'S SURFACE MAGNETIC FIELD FROM THE MAGNETOPAUSE CURRENT SYSTEM. W.P. OLSEN, MCDONNELL DOUGLAS ASTRONAUTICS CO., SANTA MONICA, CALIF. IN PLANETARY AND SPACE SCIENCE, VOL. 18, OCT. 1970. PP.1471-1484. A70-45355
NR-H8-00-000-01157	SEMI-AUTOMATIC ACQUISITION OF EXTREME ULTRAVIOLET REFLECTANCE DATA FOR CALCULATING OPTICAL CONSTANTS. W.R. HUNTER, U.S. NAVY, AND E.O. HULBERT, CENTER FOR SPACE RESEARCH, WASHINGTON, D.C. IN REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 41, OCT. 1970. PP.1419-1422. A70-44470
NR-H8-00-000-01158	SOME CONSIDERATIONS ABOUT ERROR PROPAGATION IN STRIP TRIANGULATIONS - ATTAINABLE ACCURACY. A.J. BRANDENBERGER, THE OHIO STATE UNIVERSITY, GRADUATE SCHOOL, COLUMBUS, OHIO. 1958, 8P. PUBLICATIONS OF THE INSTITUTE OF GEODESY, PHOTOGRAMMETRY AND CARTOGRAPHY OF THE OHIO STATE UNIVERSITY, NO. 8. IN PHOTOGRAMMETRIA, VOL. 14, NO. 2, 1957-58.
NR-H8-00-000-01159	A REVIEW OF A DECADE OF SPACE CAMERA SYSTEMS DEVELOPMENT FOR METEOROLOGY. HARVEY OSTROW, AND OSCAR WEINSTEIN, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. IN SPIE JOURNAL, VOL. 8, AUG-SEPT. 1970. PP.201-208. A70-43963
NR-H8-00-000-01160	LASERKUNST IN DER DUNKELKAMMER. (LASER ART IN THE DARK CHAMBER). J. BRAUNBECK, KONSTANZ, GERMANY. IN LASER, VOL. 2, SEPT. 1970. PP.4,6. IN GERMAN. A70-45559
NR-H8-00-000-01162	AN EVALUATION OF ANALOG TECHNIQUES FOR IMAGE REGISTRATION. REPORT NO. USGS OPEN-FILE REPORT. ROBERT B. MCEWEN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. FEB. 1970, 23P.
NR-H8-00-000-01164	PHOTOGRAPHIC CALIBRATIONS FOR EMISSION SPECTROGRAPHY USING A SMALL COMPUTER. REPORT NO. RI-7447. RAYMOND J. HEEMSTRA, U.S. BUREAU OF MINES, PETROLEUM RESEARCH CENTER, BARTLESVILLE, OKLA. NOV. 1970, 15P. N71-10876
NR-H8-00-000-01165	INFRARED TECHNIQUES. W.D. LAWSON, AND J.W. SABEY, ROYAL RADAR ESTABLISHMENT, MALVERN, WORCS, ENGLAND. IN RESEARCH TECHNIQUES IN NONDESTRUCTIVE TESTING, 1970. PP.443-479. A70-42595
NR-H8-00-000-01166	PHOTOGRAPHIC IMAGE ENHANCEMENT BY SUPERIMPOSITION OF MULTIPLE IMAGES. ROBERT J. KOHLER, AND HUTSON K. HOWELL, ITEK CORP., LEXINGTON, MASS. (SOCIETY OF PHOTOGRAPHIC SCIENTISTS AND ENGINEERS, ANNUAL CONFERENCE, BOSTON, MASS., MAY 1962). IN PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 7, JULY-AUG. 1963. PP.241-245. CONTRACT NO. AF33(600)-43383. A63-22798
NR-H8-00-000-01168	THE RELATION OF PICTURE DEFINITION OF AERIAL PHOTOGRAPHS TO SOLAR AZIMUTH. R.N. WOLFE, AND S.A. TUCCIO, EASTMAN KODAK CO., RESEARCH LABORATORIES, ROCHESTER, N.Y. (SOCIETY OF PHOTOGRAPHIC SCIENTISTS AND ENGINEERS, ANNUAL CONFERENCE, BOSTON, MASS., MAY 1962). IN PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 7, NO. 2, MAR-APR, 1963. PP.109-112. A63-15292
NR-H8-00-000-01169	COLOR FILM OUTPUT FROM COMPUTER RUNS. REPORT NO. LA-4278-MS. F.G. BERRY, D.C. BUCKNER, R.C. CHOOK, AND D.O. DICKMAN, LOS ALAMOS SCIENTIFIC LAB., LOS ALAMOS, NEW MEXICO. MAY 1970, 21P. N70-38355



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01170	INVESTIGATION OF THE APPLICATION OF COHERENT ACOUSTIC IMAGING TO NONDESTRUCTIVE TESTING. SEMIANNUAL TECHNICAL REPT., MAY-OCT. 1969. REPORT NOS. PE-ER-9725, AND AMRC-CR-70-14. WALTER R. ARNDT, AND JUSTIN L. KREUZER, PERKIN-ELMER CORP., OPTICAL GROUP, NORWALK, CONN. APRIL 1970, 69P. CONTRACT NOS. DAAG46-69-C-0010, AND ARPA ORDER-1245. MICROFICHE AND HARD COPY. AD-711085 N71-10397
NR-H8-00-000-01171	INVESTIGATION OF THE APPLICATION OF COHERENT ACOUSTIC IMAGING TO NONDESTRUCTIVE TESTING. SEMI-ANNUAL REPORT, 3RD, NOV. 69-MAY 70. REPORT NO. AMRC CR-70-14/2. WALTER R. ARNDT, AND JUSTIN L. KREUZER, THE PERKIN-ELMER CORP., OPTICAL GROUP, NORWALK, CONNECTICUT. DEC. 1970, 70P. CONTRACT NOS. ARPA ORDER 1245, AND DAAG46-69-C-0010.
NR-H8-00-000-01173	INFRARED 10.6-MICRON PHOTODIODE HETERODYNE DETECTION. B. PEYTON, E. SARD, R. LANGE, AND F.R. ARAMS, CUTLER-HAMMER, INC., MELVILLE, NEW YORK. IN IEEE PROCEEDINGS, VOL. 58, OCT. 1970. PP.1769-1770. A71-12035
NR-H8-00-000-01177	EXPERIMENTELLE PRUFUNG VON AUSWERTEMETHODEN IN DER MESSTECHNIK DURCH SIMULATION. (EXPERIMENTAL VERIFICATION OF MEASUREMENT DATA REDUCTION METHODS USING SIMULATION.) P. GLEINSVIK, ADDRESS UNKNOWN. IN ZEITSCHRIFT FUR VERMESSUNGSWESEN, VOL. 95, OCT. 1970, PP.417-428. IN GERMAN. A71-10357
NR-H8-00-000-01178	OPTICAL WAVEGUIDE TRANSMISSION. DETLEF GLOGE, BELL TELEPHONE LABS., INC., HOLMDEL, NEW JERSEY. IN IEEE PROCEEDINGS, VOL. 58, OCT. 1970. PP.1513-1522. A71-12009
NR-H8-00-000-01179	THE OPTICAL SCATTER CHANNEL. ROBERT M. LERNER, MIT, LEXINGTON, MASS., AND ALFRED E. HOLLAND, NASA, WALLOPS ISLAND STATION, WALLOPS ISLAND, VIRGINIA. IN IEEE PROCEEDINGS, VOL. 58, OCT. 1970. PP.1547-1563. A71-12012
NR-H8-PE-000-01182	LANDFORMS AND CLIMATIC CHANGE IN THE KALAHARI AND NGAMILAND. A.T. GROVE, DEPT. OF GEOGRAPHY, CAMBRIDGE UNIVERSITY, CAMBRIDGE, ENGLAND. IN GEOGRAPHICAL JOURNAL, VOL. 135, NO. 2, JUNE 1969. PP.191-212. W71-00702
NR-H8-00-000-01183	U.S. NAVAL OCEANOGRAPHIC OFFICE GEOMAGNETIC SURVEYS. REPORT NO. IR NO. 70-18. U.S. NAVAL OCEANOGRAPHIC OFFICE, HYDROGRAPHIC SURVEYS DEPT., WASHINGTON, D.C. 1970, 90P.
NR-H8-00-000-01184	PREOBRAZOVANIE IZOBRAZHENIYA IZ INFRAKRASNOGO DIAPAZONA V VIDIMYI METODAMI NELINEINOI OPTIKI. (CONVERSION OF AN INFRARED IMAGE INTO A VISIBLE IMAGE BY NONLINEAR OPTICAL METHODS). E.S. VORONIN, M.I. DIVLEKEEV, ET AL., MOSKOVSKII GOSUDARSTVENNYI UNIVERSITET, MOSCOW, USSR. IN ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI, VOL. 58, JAN. 1970. PP.51-59. IN RUSSIAN. MICROFICHE COPY. A70-27543
NR-H8-00-000-01185	MAN'S ENVIRONMENT FROM SPACE. K. IA KONDRATYEV, USSR INTERNATIONAL ASTRONAUTICAL FEDERATION, INTERNATIONAL ASTRONAUTICAL CONGRESS, 21ST, KONSTANZ, WEST GERMANY, OCT. 1970, PAPER, 13P. MICROFICHE COPY. A70-44634.
NR-H8-00-000-01186	THE USE OF OPTICAL RADARS FOR THE DETERMINATION OF ATMOSPHERIC COMPOSITION, MOTION AND TEMPERATURE. REPORT NO. ESRO-SN-81-ESRIN. GIORGIO FIOCCO, EUROPEAN SPACE RESEARCH INSTITUTE, FRASCATI, ITALY. PRESENTED AT - ESRO SUMMER SCHOOL, 5TH, FRASCATI, ITALY, AUG. 1967, 31P. (DEC. 1968.) MICROFICHE COPY. N70-42503
NR-H8-00-000-01187	RRE NEWSLETTER AND RESEARCH REVIEW, NO. 9. ROYAL RADAR ESTABLISHMENT, MALVERN, ENGLAND. 1970, 125P. MICROFICHE COPY. N71-10201 THRU N71-10234

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01188	RRE NEWSLETTER AND RESEARCH REVIEW, NO. 8. ROYAL RADAR ESTABLISHMENT, MALVERN, ENGLAND. 1969, 151P. MICROFICHE COPY. N71-10126 THRU N71-10234
NR-H8-00-000-01189	A DUAL-PRF, DUAL-PULSE-LENGTH SYNCHRONIZER FOR THE TWO-FREQUENCY HANDLE CLIFF RADAR. INTERIM REPORT. REPORT NO. NRL-7120. PHILLIP L. WATKINS, NAVAL RESEARCH LAB., GEOPHYSICS BRANCH, WASHINGTON, D.C. JULY 1970, 23P. MICROFICHE COPY. AD-709902 N71-10303
NR-H8-00-000-01190	INTERFEROMETER POSITION LOCATION CONCEPT. PHASE RECOVERY AND CALIBRATION. PHASE 2. FINAL REPORT. REPORT NOS. NASA-CR-111137, AND FSC-70-5269. IBM CORP., FEDERAL SYSTEMS DIV., GAITHERSBURG, MARYLAND. OCT. 1970, 96P. CONTRACT NO. NAS5-21043. MICROFICHE COPY. N71-10652
NR-H8-00-000-01191	POLAR MOTION DETERMINATIONS BY US NAVY DOPPLER SATELLITE OBSERVATIONS. REPORT NO. NWL-TR-2432. R.J. ANDERLE, NAVAL WEAPONS LAB., WARFARE ANALYSIS DEPT., DAHLGREN, VA. JULY 1970, 83P. MICROFICHE COPY. AD-712058 N71-12141
NR-H8-00-000-01194	DESIGN AND DEVELOPMENT OF A LUNAR RADIOMETER. REPORT NO. NASA-TM-X-64539. WALTER FOUNTAIN, SPACE SCIENCES LAB., NASA, MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. JULY 1970, 42P. MICROFICHE COPY. N71-10275
NR-H8-00-000-01200	NOVYE PRIBORY DLYA IZMERENIYA RADIATSII. (NEW DEVICES FOR MEASURING RADIATION.) V.I. SHLIAKHOV, M.B. FRIDZON, AND V.I. KURAKIN, TSENTRALNAIA AEROLOGICHESKAIA OBSERVATORIIA, DOLGO-PRUDNAYA, USSR. IN METEOROLOGIYA I GIDROLOGIYA, AUG. 1970. PP.84-89. IN RUSSIAN. MICROFICHE COPY. A71-10541
NR-H8-00-000-01201	ATS-5 MILLIMETER WAVE EXPERIMENT DATA REPORT. JAN-AUG. 1970, VOLUME 2. REPORT NOS. X-751-70-369-VOL.2, AND NASA-TM-X-65371. LOUIS J. IPPOLITO, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. OCT. 1970, 54P. MICROFICHE AND HARD COPY. N71-10654
NR-H8-00-000-01202	STATISTICAL THEORY FOR THE DETECTION OF SIGNALS UNDER LINEAR SCALE TRANSFORMATIONS. REPORT NO. THEMIS-SMU-TR-68. GIBB BLANKS MATLOCK (PH.D. THESIS), SOUTHERN METHODIST UNIVERSITY, DEPT. OF STATISTICS, DALLAS, TEXAS. APRIL 1970, 53P. CONTRACT NO. N00014-68-A-0515. MICROFICHE COPY. AD-711112 N71-10663
NR-H8-00-000-01203	A THIN FILM FACSIMILE SCANNER. REPORT NO. ECOM-3308. GEORGE E. BROWN, AND WILFRED H. HELL, ARMY ELECTRONICS COMMAND, FORT MONMOUTH, NEW JERSEY. JUNE 1970, 14P. MICROFICHE COPY. AD-710953 N71-10858
NR-H8-00-000-01204	MOTION PICTURE AND TELEVISION ENGINEERING. VOLUME 13, NO. 12. REPORT NO. FTD-HT-23-275-70. V.P. AZOVTSSEV, AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO. JULY 1970, 44P. TRANSL. FROM - TEKHNIKA KINO I TELEVIDENIYA (MOSCOW), VOL. 13, NO. 12, 1969. PP.39-51. MICROFICHE COPY. AD-711748 N71-10969
NR-H8-00-000-01207	RESEARCH REPORT ON LASER INFORMATION PROCESSINGS. KENJIRO SAKURAI, KEISUKE KIKUCHI, YOSHINOBU MITSUNASHI, ET AL., ELECTROTECHNICAL LAB., TOKYO, JAPAN. FEB. 1970, 257P. IN JAPANESE, ENG. SUMMARY. ELECTROTECHNICAL LAB. (TOKYO) CIRCULAR NO. 168. MICROFICHE COPY. N71-10017
NR-H8-00-000-01208	ATMOSPHERIC TRANSPARENCY IN THE VISIBLE AND THE INFRARED (PROZRACHNOST ATMOSFERY DLYA VIDIMYKH I INFRAKRASNYKH LUCHEI). REPORT NO. TT-69-55102. V.E. ZUEV, USSR BOOK PUBLISHED BY IZD. SOVETSKOE RADIO, MOSCOW, 1966. TRANSL. BY ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS, LTD., JERUSALEM, 1970, 223P. MICROFICHE COPY. N70-33401

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01209	RESPONDING TO REQUESTS AT THE NATIONAL SPACE SCIENCE DATA CENTER. REPORT NOS. X-601-70-162-REPRINT, AND NASA TM-X-63809. JAMES A. FAVA, C. KENNETH MICLOVITZ, AND NICK KARLOW, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MAY 1970, 13P. MICROFICHE COPY. N70-28288
NR-H8-00-000-01210	OPERATIONAL BRIGHTNESS NORMALIZATION OF ATS-1 CLOUD PICTURES. REPORT NO. ESSA-TM-NESCTM-24. V.R. TAYLOR, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. AUG. 1970, 18P. MICROFICHE COPY. N70-41219 PB-194638
NR-H8-00-000-01211	DESIGN OF ROCKET-BORNE INSTRUMENT TO MEASURE FAR-INFRARED RADIATION IN THE NIGHT SKY. REPORT NO. LA-4357-MS. J.G. BERRY, A.G. BLAIR, F. EDESKUTY, R.D. HIEBERT, D.M. JONES, ET AL., LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO. APRIL 1970, 28P. CONTRACT NO. W-7405-ENG-36. MICROFICHE COPY. N70-41747
NR-H8-00-000-01212	FEATURE SPACE DIMENSIONALITY REDUCTION USING ORTHOGONAL POLYNOMIALS. REPORT NO. LARS INFORMATION NOTE 101066. J.R. SERGO, LABORATORY FOR APPLICATIONS OF REMOTE SENSING, PURDUE INDUSTRIAL RESEARCH PARK, WEST LAFAYETTE, INDIANA. N.D., 6P.
NR-H8-00-000-01213	OBJECTIVE COMPARISON OF FILM-FILTER COMBINATIONS FOR PHOTO-INTERPRETATION. J. VERMEER, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES (I.T.C.), DELFT, THE NETHERLANDS. IN TRANSACTIONS OF THE SECOND INTERNATIONAL SYMPOSIUM ON PHOTO-INTERPRETATION, VOL. 2, PP.81-84, EDITIONS TECHNIP, PARIS, 1967.
NR-H8-00-000-01214	LOGICAL THOUGHTS ON THE PSYCHOLOGY OF PHOTO-INTERPRETATION. W.G.L. DE HAAS, AND S.A. HEMPENIUS, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES (I.T.C.), DELFT, THE NETHERLANDS, A.P.A. VINK, UNIVERSITY OF AMSTERDAM, THE NETHERLANDS. TRANSACTIONS OF THE SECOND INTERNATIONAL SYMPOSIUM ON PHOTO-INTERPRETATION, VOL. 1, PP.43-46, EDITIONS TECHNIP, PARIS, 1967.
NR-H8-00-000-01217	INTEGRAL EQUATION FORMULATIONS OF SCATTERING FROM TWO-DIMENSIONAL INHOMOGENEITIES IN A CONDUCTIVE EARTH. FINAL REPORT, PART 2. REPORT NO. NASA-CR-110911. JOHN ROBERT PARRY, UNIVERSITY OF CALIFORNIA, SPACE SCIENCES LAB., BERKELEY, CALIF. AUG. 1969, 183P. SPACE SCIENCES LABORATORY (UNIVERSITY OF CALIFORNIA, BERKELEY) SERIES 11, ISSUE 47. CONTRACT NO. NAS2-5078. MICROFICHE COPY. N71-10784
NR-H8-00-000-01218	THE FUNDAMENTAL INFRARED THRESHOLD IN THERMAL IMAGE DETECTION AS AFFECTED BY DETECTOR COOLING AND RELATED PROBLEMS. REPORT NO. ARL-70-0042. RADAMES K.H. GEBEL, AEROSPACE RESEARCH LABS., WRIGHT-PATTERSON AFB, OHIO. MARCH 1970. IN ADVANCES IN ELECTRONICS AND ELECTRON PHYSICS, VOL. 28. PP.685-704. AD-706526
NR-H8-00-000-01219	PARAMETERS OF HUMAN PATTERN PERCEPTION. SEMI-ANNUAL PROGRESS REPORT, NO. 6, MARCH-SEPT. 1970. SELBY H. EVANS, TEXAS CHRISTIAN UNIVERSITY, INSTITUTE FOR THE STUDY OF COGNITIVE SYSTEMS, FORT WORTH, TEXAS. OCT. 1970, 31P. CONTRACT NO. DAAD05-68-C-0176. MICROFICHE COPY. AD-713185
NR-H8-00-000-01220	MODERN TRENDS IN ACTIVATION ANALYSIS, VOLUME 1 - INTERNATIONAL CONFERENCE, GAITHERSBURG, MARYLAND, OCT. 1968, PROCEEDINGS, VOL. 1 OF 2 VOLS. JAMES R. DRYOE, AND PHILIP D. LAFLEUR, EDITORS, NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. JUNE 1969, 688P. NATIONAL BUREAU OF STANDARDS SPECIAL PUBLICATION 312, V. 1. MICROFICHE COPY. N70-15226 THRU 15312.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01224	VISUAL RESPONSE OF THE INTERPRETER. REPORT NOS. C00-78-225, AND CONF-700516-2. E.C. GREGG, CASE WESTERN RESERVE UNIV., DEPT. OF RADIOLOGY, CLEVELAND, OHIO. PRESENTED AT CONFERENCE ON QUANTITATIVE ORGAN VISUALIZATION IN NUCLEAR MEDICINE, 1ST BIENNIAL, MIAMI FLORIDA, 1969, 19P. CONTRACT NOS. W-31-109-ENG-78, GRANTS NIH AM-06760, AND NIH CA-08034. MICROFICHE COPY. N70-39358
NR-H8-00-000-01225	SATELLITE PICTURE INTERPRETATION FOR EUROPE. REPORT NO. ZWW-TN-70-3. RICHARD E. WILLIAMSON, WEATHER WING (2ND), APO NEW YORK. SEPT. 1970, 56P. MICROFICHE COPY. AD-712393 N71-12772
NR-H8-00-000-01226	SOME PROBLEMS IN DESIGNING RADIO INTERFEROMETERS WITH INDEPENDENT RECEPTION. (NEKOTORYYE VOPROSY POSTROYENIYA RADIOINTERFEROMETROV S AVTONOMNYM PRIYEMOM). REPORT NO. NASA-TT-F-13382. V.A. ALEXSEYEV, E.D. GATELYUK, ET AL., TRANSLATION CONSULTANTS, LTD., ARLINGTON, VA. NOV. 1970, 16P. TRANSL. OF - IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY, RADIOFIZIKA (GORKI), VOL. 13, NO. 1, 1970. PP.5-15. CONTRACT NO. NASW-2038. MICROFICHE COPY. N71-10361
NR-H8-00-000-01227	THE REFLECTOMETER EXPERIMENT FOR APPLICATION TECHNOLOGY SATELLITE, PHASE 2. ANNUAL REPORT, NOV. 67-JAN. 69. REPORT NOS. NASA-CR-107063, AND REPT-7003-AR. ELECTRO-OPTICAL SYSTEMS, INC., PASADENA, CALIF. JAN. 1969, 87P. CONTRACT NO. NAS5-9669. MICROFICHE COPY. N71-10364
NR-H8-00-000-01229	COMPUTER RECOGNITION OF PRISMATIC SOLIDS. REPORT NO. MAC-TR-73. ARNOLD KOONS GRIFFITH (PH.D. THESIS), MASSACHUSETTS INSTITUTE OF TECHNOLOGY, DEPT. OF MATHEMATICS, CAMBRIDGE, MASS. AUG. 1970, 182P. CONTRACT NO. N00014-20-A-0362-0002. MICROFICHE COPY. AD-712069 N71-11175
NR-H8-00-000-01230	INVESTIGATION OF ATMOSPHERIC PARAMETERS WITH FORWARD SCATTER PROBING. FINAL REPORT, JAN. 69-JUNE 70. REPORT NO. AFRL-70-0397. PHILLIP A. BELLO, PETER ALEXANDER, AND S. AHMED MEER, SIGNATRON INC., LEXINGTON, MASS. JUNE 1970, 159P. CONTRACT NO. F19628-C-0176. MICROFICHE COPY. AD-712088 N71-11130
NR-H8-00-000-01231	A SYNTACTICAL ANALYSIS OF THE PATTERN DESCRIPTION LANGUAGE PADEL. REPORT NOS. TR-2768-2, AND AFOSR-70-2359TR. JOHN O. AMOSS, AND KENNETH J. BREEDING, OHIO STATE UNIV., ELECTRO-SCIENCE LAB., COLUMBUS, OHIO. JULY 1970, 34P. CONTRACT NO. GRANT AF-AFOSR-1710-69. MICROFICHE COPY. AD-711406 N71-11305
NR-H8-JH-710-01232	ESTIMATING CLOUD AMOUNT AND HEIGHT FROM SATELLITE INFRARED RADIATION DATA. REPORT NO. ESSA-TR-NESC-54. P. KRISHNA RAO, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. JULY 1970, 16P. MICROFICHE COPY. N70-41205
NR-H8-00-000-01233	AN INTRODUCTION TO PSEUDO-NOISE MODULATION. REPORT NO. TM-64-4. J.P. CHANDLER, U.S. ARMY MATERIAL COMMAND, HARRY DIAMOND LABORATORIES, WASHINGTON, D.C. JAN. 1964, 47P. MICROFICHE COPY. AD-479308
NR-H8-00-000-01234	AN INFORMATION RETRIEVAL SYSTEM FOR PHOTOGRAPHIC DATA. REPORT NO. NSSDC 69-09. B.I. BLUM, WOLF RESEARCH AND DEVELOPMENT CORP., BOSTON, MASS. NATIONAL INFORMATION RETRIEVAL COLLOQUIUM, 6TH ANNUAL, PHILADELPHIA, PENNSYLVANIA, MAY 1969, PAPER. 19P. CONTRACT NO. NAS5-8060. MICROFICHE COPY. A71-11425

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01235	DIGITAL OSCILLOSCOPE PLUG-IN UNITS FOR INSTANT WAVEFORM ANALYSIS. REPORT NO. GEPP-73. J.F. HOWELL, GENERAL ELECTRIC CO., NEUTRON DEVICES DEPT., ST. PETERSBURG, FLORIDA. OCT. 1969, 36P. CONTRACT NO. AT(29-2)-656. MICROFICHE COPY. N70-42801
NR-H8-00-000-01236	COURANT INSTITUTE OF MATHEMATICAL SCIENCES DIVISION OF ELECTROMAGNETIC RESEARCH. FINAL REPORT, MAY 61-JAN. 70. JOSEPH P. KELLER, NEW YORK UNIVERSITY, COURANT INSTITUTE OF MATHEMATICAL SCIENCES DIVISION OF ELECTROMAGNETIC RESEARCH, N.Y., N.Y. JAN. 1970, 23P. CONTRACT NO. NONR-285(48). MICROFICHE COPY. AD-708749
NR-H8-00-000-01237	TEMPERATURE EFFECTS ON PHOTOGRAPHIC SENSITIVITY. REPORT NOS. NASA-CR-112768, AND T-70-17. DENNIS R. HOLLARS, STEWARD OBSERVATORY, ARIZONA UNIVERSITY, TUCSON, ARIZONA. JULY 1970, 88P. CONTRACT NO. GRANT NGR-03-002-032. MICROFICHE COPY. N70-37050
NR-H8-00-000-01239	PRINCIPLES OF OPTICAL DATA PROCESSING FOR ENGINEERS. REPORT NO. NASA-TR-R-327. A.R. SHULMAN, NASA, GODDARD SPACEFLIGHT CENTER, GREENBELT, MARYLAND. MAY 1970, 126P. MICROFICHE COPY. N70-33778
NR-H8-00-000-01242	ENVIRONMENTAL POLLUTION - A SELECTED BIBLIOGRAPHY, INFORMATION FOR BUSINESS AND INDUSTRY. REPORT FOR JAN. 68-APRIL 70. REPORT NO. NTIS-BIB-70-01. CLEARING HOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION, SPRINGFIELD, VA. MAY 1970, 37P. MICROFICHE COPY. N71-11078 PB-192318
NR-H8-00-000-01243	AUTOMATIC SCANNING. REPORT NO. JPRS-51512. G.P. KATYS, (USSR) JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. OCT. 1970, 442P. TRANSL. OF RUSSIAN BOOK - AVTOMATICHESKOYE SKANIROVANIYE. MOSCOW, MASHINOSTROYENIYE, 1969. MICROFICHE COPY. N70-42431
NR-H8-00-000-01244	INTEGRATED DATA-PROCESSOR-CONTROLLER FOR AN ASTRONOMICAL TELEVISION SYSTEM IN A SPACE-BORNE OBSERVATORY. YASUSHI NOZAWA, SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS. INTERNATIONAL ASTRONAUTICAL FEDERATION, INTERNATIONAL ASTRONAUTICAL CONGRESS, 21ST, KONSTANZ, WEST GERMANY, OCT. 1970, PAPER. 18P. CONTRACT NO. NAS5-1535. MICROFICHE COPY. A70-44649
NR-H8-00-000-01246	RADEL - A PATTERN DESCRIPTION LANGUAGE. REPORT NOS. AFOSR-70-2586TR, AND ESL-2768-1. KENNETH J. BREEDING, OHIO STATE UNIVERSITY, ELECTROSCIENCE LAB., COLUMBUS, OHIO. JUNE 1970, 44P. CONTRACT NO. GRANT AF-AFOSR-1710-69. MICROFICHE COPY. AD-714594
NR-H8-00-000-01247	K VOPROSU OPREDELENIYA TEMPERATURY I NEKOTORYKH FIZICHESKIKH KHKARAKTERISTIK POVERKHNOSTI ZEMLI PO RADIOMETRICHESKIM IZMERENIAM SVERKHNYSOKOCHASTONOGO IZLUCHENIYA S ISZ. (DETERMINATION OF THE TEMPERATURE AND SOME PHYSICAL CHARACTERISTICS OF THE EARTH'S SURFACE FROM SATELLITE RADIOMETRIC MEASUREMENTS OF SUPERHIGH-FREQUENCY RADIATION). A.M. SHUTKO, USSR IN SPUTNIKOVAIA METEOROLOGIYA (SATELLITE METEOROLOGY), EDITED BY V.G. BOLDYREV, AND N.F. VELTISHCHEV, GIDROMETEOROLOGICHESKII NAUCHNO-ISSLEDOVATELSKII TSENTR SSSR, TRUDY NO. 50 1969. PP.103-110. IN RUSSIAN. MICROFICHE COPY. A70-32072

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01250	POGLOSHCHENIE INFRAKRASNOI RADIATSII VODIANYM PAROM V ORNANAKH PROZRAČNOSTI. (INFRARED RADIATION ABSORPTION BY WATER VAPOR IN TRANSMITTANCE WINDOWS). H.P. KOZYREV, AND V.A. BAZHENOV, LENINGRADSKII ELEKTROTEKHNIČESKII INSTITUT, LENINGRAD, USSR. IN AKADEMIIA NAUK SSSR, IZVESTIIA, FIZIKA ATMOSFERY I OKEANA, VOL. 6, JUNE 1970. PP.644-646. IN RUSSIAN. MICROFICHE COPY. A70-37425
NR-H8-00-000-01251	RASPROSTRANENIE RADIOVOLN NAD NEODNORODNYMI TRASSAMI/ EKSPERIMENTAL'NYE ISSLEDOVANIIA. (RADIO WAVE PROPAGATION OVER INHOMOGENEOUS TERRAINS). A.K. BULGAKOV, (USSR) IN PROBLEMY DIFRAKTSII I RASPROSTRANENIIA VOLN, NO. 9, 1969. PP.145-154. IN RUSSIAN. MICROFICHE COPY. A70-38573
NR-H8-00-000-01252	NEKOTORYE PRINTSIPY DLINNOVOLNOVOI POLUPROVODNIKOVOI FOTOGRAFII (SOME PRINCIPLES OF LONGWAVE SEMICONDUCTOR PHOTOGRAPHY). L.G. PARITSKII, AND S.M. RYVKIN, AKADEMIIA NAUK SSSR, FIZIKO-TEKHNIČESKII INSTITUT, LENINGRAD, USSR. IN - ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII, VOL. 15, MAY-JUNE 1970. PP.184-191. IN RUSSIAN. MICROFICHE COPY. A70-36282
NR-H8-00-000-01253	RESEARCH AND ADVANCED DEVELOPMENT. SEMI-ANNUAL REVIEW, JAN.-JUNE 1970. REPORT NO. 701-90. JET PROPULSION LAB., CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. AUG. 1970, 250P. MICROFICHE COPY. N70-39411 THRU N70-39416.
NR-H8-00-000-01254	THE TRANSFORMATION OF A BEAM DURING INTERACTION OF LIGHT WITH A SUBSTANCE. REPORT NO. FTD-HT-66-651. F.I. FEDOROV, (USSR) FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO. DEC. 1966, 13P. TRANSL. OF - ZHURNAL PRIKLADNOY SPEKTROSKOPII (JOURNAL OF APPLIED SPECTROSCOPY), VOL. 4, NO. 1, 1966. PP.58-63. AD-646 376
NR-H8-00-000-01255	DEVELOPMENT OF A GRADIOMETER FOR MEASURING GRAVITY GRADIENTS UNDER DYNAMIC CONDITIONS. REPORT NOS. AFCRL-70-0267, AND SCIENTIFIC 1. GLENN KLOIBER, HUGHES AIRCRAFT CO., AEROSPACE GROUP, CULVER CITY, CALIF. MARCH 1970, 48P. CONTRACT NO. F19628-69-C-0219. MICROFICHE COPY. AD-707545
NR-H8-00-000-01256	EINE GENAUIGKEITSUNTERSUCHUNG DES ORTHOPROJEKTORS GIGAS-ZEISS. (A PRECISION EVALUATION OF THE ORTHO-PROJECTOR GIGAS/ZEISS.) HERMANN G. NEUBAUER, INSTITUT FÜR ANGEWANDTE GEODÄSIE, FRANKFURT AM MAIN, WEST GERMANY. NACHRICHTEN AUS DEM KARTEN-UND VERMESSUNGSWESEN, REIHE 1 - DEUTSCHE BEITRÄGE UND INFORMATIONEN, HEFT NR. 42, 1969, 76P. N70-24086
NR-H8-00-000-01259	AN OPTICAL SPATIAL PHASE MODULATOR ARRAY, ACTIVATED BY OPTICAL SIGNALS. FREMONT REIZMAN, PERKIN-ELMER CORPORATION, WILTON, CONN. IN ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE, 1ST, NEW YORK, N.Y., SEPT. 1969, PROCEEDINGS (CHICAGO, INDUSTRIAL AND SCIENTIFIC CONFERENCE MANAGEMENT, INC., 1970). PP.225-230. A70-33147.
NR-H8-00-000-01260	NEW DESIGN FOR LASER IMAGE-SPECKLE INTERFEROMETER. KARL A. STETSON, MINISTRY OF TECHNOLOGY, NATIONAL PHYSICAL LAB., TEDDINGTON, MIDDLESEX, ENGLAND. IN OPTICS AND LASER TECHNOLOGY, VOL. 2, NOV. 1970. PP.179-181. A71-12718
NR-H8-00-000-01262	SOME METHODS AND INVESTIGATIONS FOR DETERMINING THE QUALITY OF AERIAL PHOTOGRAPHS. ERIK WELANDER, GEOGRAPHICAL SURVEY OFFICE, STOCKHOLM, SWEDEN. IN INTERNATIONAL ARCHIVES OF PHOTOGRAMMETRY, TRANSACTIONS OF THE SYMPOSIUM ON PHOTO-INTERPRETATION, VOL. 14, 1962. PP.28-38.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01263	ANNOTATED BIBLIOGRAPHY OF REPORTS - SEPT. 1967 THROUGH AUG. 1970 FROM 'PARAMETERS OF HUMAN PATTERN PERCEPTION'. SELBY H. EVANS, TEXAS CHRISTIAN UNIV., INSTITUTE FOR THE STUDY OF COGNITIVE SYSTEMS, FORT WORTH, TEXAS. OCT. 1970, 20P. CONTRACT NO. DAAD05-68-C-0176. MICROFICHE AND HARD COPY. AD-714672
NR-H8-00-000-01264	THE DESIGN OF REPLACEMENT AERIALS FOR MOORSIDE EDGE. REPORT NOS. REPT-1970/21, AND RA-64. P. KNIGHT, BRITISH BROADCASTING CORP., RESEARCH DEPT., KINGSWOOD, ENGLAND. JUNE 1970, 5P. N70-36797
NR-H8-00-000-01265	UHF RADIO LINKS - 2.5 GHZ TRANSMITTING AERIALS FOR MOBILE RADIO CAMERAS. REPORT NOS. REPT-1970/20, AND RA-61. N.H.C. GILCHRIST, AND J.H. MOORE, BRITISH BROADCASTING CORP., RESEARCH DEPT., KINGSWOOD, ENGLAND. JUNE 1970, 7P. N70-36796
NR-H8-00-000-01266	IMPROVEMENTS TO COLOUR FILM PROJECTION BY MODIFYING THE SPECTRUM OF THE ILLUMINATION. REPORT NOS. REPT-1970/19, AND PH-60. J.O. DREWERY, BRITISH BROADCASTING CORP., RESEARCH DEPT., KINGSWOOD, ENGLAND. 1970, 16P. N70-33554
NR-H8-00-000-01267	A RADIAL-SHEAR INTERFEROMETER FOR USE WITH A LASER SOURCE. W.H. STEEL, COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, NATIONAL STANDARDS LAB., SYDNEY, AUSTRALIA. IN OPTICA ACTA, VOL. 17, OCT. 1970. PP. 721-724. A71-12144
NR-H8-00-000-01268	NEW DOMESTIC SPECTRAL INSTRUMENTS AND THEIR GROWTH POTENTIAL. N.G. IAROSLAVSKII, AND I.I. NIKOLAEVA, (USSR) IN SOVIET JOURNAL OF OPTICAL TECHNOLOGY, VOL. 37, APRIL 1970. PP.219-232. TRANSLATION. A71-12710
NR-H8-00-000-01269	DIE MESSUNG SCHWACHER MAGNETISCHER FELDER MITTELS MAGNETOMETER MIT DIREKTER ZEITVERSCHLUSSELUNG. (MEASUREMENT OF WEAK MAGNETIC FIELDS BY MEANS OF A MAGNETOMETER WITH DIRECT TIME CODING.) G. TRENKLER, BRAUNSCHWEIG, WEST GERMANY. IN MESSTECHNIK, VOL. 78, OCT. 1970. PP.205-209. IN GERMAN. A71-11722
NR-H8-00-000-01270	EIN SPEKTRALPHOTOMETER ZUR MESSUNG KLEINER DIFFERENZEN VON TRANSMISSIONSGRADEN. (SPECTROPHOTOMETER FOR MEASURING SMALL TRANSMITTANCE DIFFERENCES). D. HOESCHEN, AND G. VIETH, PHYSIKALISCH-TECHNISCHE BUNDESANSTALT, BRAUNSCHWEIG, WEST GERMANY. IN MESSTECHNIK, VOL. 78, OCT. 1970. PP.200-202. IN GERMAN. A71-11721
NR-H8-00-000-01271	THE EFFECT OF FILTERS ON CONTRAST AND READABILITY OF CRT DISPLAY. GARY M. SACH, HUGHES AIRCRAFT CO., FULLERTON, CALIF. IN SOCIETY OF INFORMATION DISPLAY. PROCEEDINGS, VOL. 11, 4TH QUARTER 1970. PP.177-186. A71-12073
NR-H8-00-000-01272	A REAL-TIME LASER PHOTOCROMIC DISPLAY. ROBERT J. ANDERSON, SINGER-GENERAL PRECISION, INC., LITTLE FALLS, NEW JERSEY. IN SOCIETY OF INFORMATION DISPLAY. PROCEEDINGS, VOL. 11, 4TH QUARTER, 1970. PP.151-163. A71-12072
NR-H8-FH-000-01273	BIBLIOGRAPHY ON HURRICANES AND SEVERE STORMS OF THE COASTAL PLAINS REGION. REPORT NO. PUBL-70-2. COASTAL PLAINS CENTER FOR MARINE DEVELOPMENT SERVICES, WASHINGTON, D.C. OCT. 1970, 74P. N71-11847
NR-H8-00-000-01274	EINE VOLLAUTOMATISCHE AEROLOGISCHE BODENSTATION. (A FULLY AUTOMATIC AEROLOGICAL GROUND STATION). E. AUGSTEIN, M. DUNKEL, UNIVERSITAT HAMBURG, HAMBURG, WEST GERMANY, AND G. WEHRLE, SIEMENS AG, KARLSRUHE, WEST GERMANY. IN ARCHIV FUR TECHNISCHE MESSEN UND INDUSTRIELLE MESSTECHNIK, LIEFERUNG 417, OCT. 1970. PP.R117-R125. IN GERMAN. A71-10360

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01275	NONPARAMETRIC AND LINGUISTIC APPROACHES TO PATTERN RECOGNITION. REPORT NOS. NASA-CR-111119, AND TR-EE-70-20, AND AFOSR-70-2005TR. P.H. SWAIN, AND K.S. FU, PURDUE UNIVERSITY, SCHOOL OF ELECTRICAL ENGINEERING, LAFAYETTE, INDIANA. JUNE 1970, 195P. LARS INFORMATION NOTE NO. 051970. CONTRACT NOS. GRANTS MGL-15-005-112, AF-AFOSR-1776-69, AND NSF GK-1970. N71-10966
NR-H8-00-000-01276	AUTOMATED RAW ENVIRONMENTAL DATA PROCESSING. WILLIAM A. HUBER, U.S. ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N.J. 1940, 14P. MICROFICHE AND HARD COPY. AD-713 543
NR-H8-00-000-01279	AEROTRIANGULATION WITH INDEPENDENT MODELS ON THE ZEISS PLANIMAT - A STUDY OF THE INSTRUMENT. REPORT NO. S51-539E. H. EBER, AND W. WAGNER, STUTTGART, WEST GERMANY. TRANSL. OF - BILDMESSUNG UND LUFTBILDWESEN, NO. 4, 1970. PP.249-257.
NR-H8-00-000-01281	CREATING HOLOGRAPHIC FILTERS FOR AUTOMATIC RECOGNITION SYSTEMS. JAMES T. THOMASSON, LITTON INDUSTRIES, INC., DATA SYSTEMS DIV., VAN NUYS, CALIF. IN PATTERN RECOGNITION STUDIES, SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, SEMINAR-IN-DEPTH, NEW YORK, N.Y., JUNE 1969, PROCEEDINGS (SPIE SEMINAR PROCEEDINGS, VOL. 18). PP.3-12. A71-11702
NR-H8-00-000-01282	REVUE TECHNIQUE THOMSON-CSF, VOLUME 2, NUMERO 2, JUIN 1970, PP.183-344. PUBLISHED BY THOMSON-CSF, 78 VERSAILLES, FRANCE. 1970, 164P.
NR-H8-00-000-01283	ANTENNE MILLIMETRIQUE MULTIFAISCEAU. (MULTIBEAM MILLIMETER ANTENNA.) R. MALISSIN, THOMSON-CSF, LABORATOIRE CENTRAL DE RECHERCHES, ORSAY, ESSONNE, FRANCE. IN REVUE TECHNIQUE THOMSON-CSF, VOL. 2, JUNE 1970. PP.217-228. IN FRENCH. A70-46320
NR-H8-00-000-01284	ECARTOMETRE INFRAROUGE (SEMIRAMIS). (SEMIRAMIS INFRARED ANGULAR-DEVIATION METER.) G. COLDERC, THOMSON-CSF, DIVISION MATERIELS AEROSPATIAUX, VELISY-VILLACOUBLAY, YVELINES, FRANCE. IN REVUE TECHNIQUE THOMSON-CSF, VOL. 2, JUNE 1970. PP.263-282. IN FRENCH, A70-46322
NR-H8-00-000-01285	NOUVEAU SPECTROMETRE A DOUBLE FAISCEAU POUR L'ETUDE DE L'INFRAROUGE LOINTAIN DANS DE REGION DE 40 MICRONS A 1 MM. (A NEW DOUBLE-BEAM SPECTROMETER FOR FAR-INFRARED RESEARCH IN THE RANGE FROM 40 MICRONS TO 1MM.) M. TONG, J.M. ALEXANDRE, AND J.M. ROUBEROL, COMPAGNIE D'APPLICATIONS MECANQUES A L'ELECTRONIQUE, AU CINEMA ET A L'ATOMISTIQUE, COURBEVOIE, HAUTS-DE-SEINE, FRANCE. IN REVUE TECHNIQUE THOMSON-CSF, VOL. 2, JUNE 1970. PP.283-294. IN FRENCH. A70-46323
NR-H8-00-000-01286	COMMERCIAL INSTRUMENTATION FOR SPACE STATION APPLICATION. VOLUME 1 - FEASIBILITY OF USING COMMERCIAL LABORATORY INSTRUMENTS. FINAL REPORT. REPORT NOS. NASA-CR-102940, AND FR-1065-101-VOL-1. ALLEN C. NORTON, BECKMAN INSTRUMENTS, INC., ADVANCED TECHNOLOGY OPERATIONS, FULLERTON, CALIF. OCT. 1970, 118P. CONTRACT NO. NAS8-26119. MICROFICHE AND HARD COPIES. N71-13299
NR-H8-00-000-01287	COMMERCIAL INSTRUMENTATION FOR SPACE STATION APPLICATION. VOLUME 2 - SURVEY OF COMMERCIAL LABORATORY INSTRUMENTS. FINAL REPORT. REPORT NOS. NASA-CR-102941, AND FR-1065-101-VOL-2. ALLEN C. NORTON, BECKMAN INSTRUMENTS, INC., ADVANCED TECHNOLOGY OPERATIONS, FULLERTON, CALIF. OCT. 1970, 319P. CONTRACT NO. NAS8-26119. MICROFICHE COPY. N71-13300



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01288	ATS-5 MILLIMETER WAVE EXPERIMENT DATA REPORT, OCT.-DEC. 1969. REPORT NO. X-733-70-123. LOUIS J. IPPOLITO, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MARCH 1970, 103P.
NR-H8-00-000-01289	LINE PARAMETERS FOR 1.9 AND 6.3 MICRON WATER VAPOR BANDS. WILLIAM S. BENEDICT, JOHNS HOPKINS UNIV., LAB. FOR ASTROPHYSICS AND PHYSICAL METEOROLOGY, BALTIMORE, MD., AND ROBERT F. CALFEE, INSTITUTE FOR TELECOMMUNICATION SCIENCE AND AERONOMY, ESSA, BOULDER, COLO. ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WASHINGTON, D.C. JUNE 1967, 209P. ESSA PROFESSIONAL PAPER 2. CONTRACT NOS. 19(628)4330, AND 250-61.
NR-H8-00-000-01290	LINE PARAMETERS AND COMPUTED SPECTRA FOR WATER VAPOR BANDS AT 2.7 MICRONS. DAVID M. GATES, ROBERT F. CALFEE, DAVID W. HANSEN, AND W.S. BENEDICT, NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. AUG. 1964, 134P. NATIONAL BUREAU OF STANDARDS MONOGRAPH 71.
NR-H8-00-000-01291	CALCULATED SLANT-PATH ABSORPTION AND DISTRIBUTION OF ATMOSPHERIC WATER VAPOR. ROBERT F. CALFEE, AND DAVID M. GATES, INSTITUTE FOR TELECOMMUNICATION SCIENCES AND AERONOMY, ESSA, BOULDER, COLO. IN APPLIED OPTICS, VOL. 5, NO. 2, FEB. 1966. PP.287-292.
NR-H8-00-000-01292	COMPUTED TRANSMISSION SPECTRA FOR 2.7-MICRON H2O BAND. DAVID M. GATES, ROBERT F. CALFEE, AND DAVID W. HANSEN, NATIONAL BUREAU OF STANDARDS, BOULDER, COLORADO. IN APPLIED OPTICS, VOL. 2, NO. 11, NOV. 1963. PP.1117-1122.
NR-H8-00-000-01293	ANOMALOUS DISPERSION CALCULATED FOR ATMOSPHERIC WATER VAPOR. ROBERT F. CALFEE, ESSA RESEARCH LABORATORIES, BOULDER, COLORADO. IN APPLIED OPTICS, VOL. 7, NO. 8, AUG. 1968. PP.1652-1654.
NR-H8-GJ-252-01294	INFRARED ABSORPTION PROPERTIES OF ATMOSPHERIC GASES. ROBERT F. CALFEE, ESSA, BOULDER, COLO. IN JOURNAL OF QUANTITATIVE SPECTROSCOPIC RADIATION TRANSFER, VOL. 6, 1966. PP.221-228.
NR-H8-00-000-01295	ATMOSPHERIC SPECTROSCOPY. FINAL SUMMARY REPORT, MARCH 69-SEPT. 70. ROBERT F. CALFEE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WAVE PROPAGATION LABORATORY, BOULDER, COLO. NOV. 1970, 34P. CONTRACT NOS. ARPA ORDER-1390, AND CONTINUATION OF ARPA ORDER-250-61. MICROFICHE AND HARD COPY. AD-715 482
NR-H8-00-000-01296	SPACE PROGRAM BENEFITS. REPORT NO. NASA-TM-X-58055. FREDERICK A. ZITO, (M.B.A. THESIS), NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JAN. 1971, 107P.
NR-H8-00-000-01298	DATA REDUCTION PROCESSES FOR SPINNING FLAT-PLATE SATELLITE-BORNE RADIOMETERS. REPORT NO. ESSA-TR-NESC-52. TORRENCE H. MACDONALD, NATIONAL ENVIRONMENTAL SATELLITE CENTER, WASHINGTON, D.C. JULY 1970, 40P. N71-14779
NR-H8-00-000-01299	PERSPECTIVE CENTER DETERMINATION. OPEN-FILE REPORT. REPORT NO. USGS-TD-70-006. JOHN D. MCLAURIN, U.S. GEOLOGICAL SURVEY, TOPOGRAPHIC DIVISION, WASHINGTON, D.C. MAY 1969, 52P. USGS COMPUTER CONTRIBUTION, NO. 2. PB-195999

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-EJ-052-01300	SEISMIC REFRACTION SURVEY AT THE UNA SITE, NEVADA TEST SITE, NYE COUNTY, NEVADA, REPORT NOS. USGS-474-76, AND NTS-226. R.M. MAZLEWOOD, U.S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLO. 1970, 10P. N71-13326
NR-H8-00-000-01301	ATMOSPHERIC TRANSMISSION HANDBOOK - A SURVEY OF ELECTROMAGNETIC WAVE TRANSMISSION IN THE EARTH'S ATMOSPHERE OVER THE FREQUENCY (WAVELENGTH) RANGE 3KHZ (100KM) 3,000 THZ (0.1 MICROMETERS). REPORT NO. DOT-TSC-NASA-71-6. WILLIAM I. THOMPSON, III, U.S. DEPT. OF TRANSPORTATION, TRANSPORTATION SYSTEMS CENTER, CAMBRIDGE, MASSACHUSETTS. FEB. 1971, 300P.
NR-H8-00-000-01302	THE ENTRY PLASMA SHEATH AND ITS EFFECTS ON SPACE VEHICLE ELECTROMAGNETIC SYSTEMS. VOLUME I. PLASMA SHEATH SYMPOSIUM, 4TH, HAMPTON, VA., OCT. 1970, PROCEEDINGS. REPORT NO. NASA SP-252. NASA, LANGLEY RESEARCH CENTER, HAMPTON, VIRGINIA. 1971, 629P.
NR-H8-00-000-01303	AN INTRODUCTION TO GEOMAGNETIC INSTRUMENTS AND OBSERVING. REPORT NO. ESSA-TR-ERL-183-ESL-12. W.H. CAMPBELL, ESSA, EARTH SCIENCES LABORATORIES, BOULDER, COLORADO. SEPT. 1970, 45P. COM-71-00134
NR-H8-00-000-01305	ELECTRONIC-SERVO GOVERNED PHOTOELECTRIC POLARIMETER FOR AIRBORNE MEASUREMENTS OF SKYLIGHT POLARIZATION. C.R.N. RAO, CALIFORNIA UNIVERSITY, LOS ANGELES, CALIF. IN INTERNATIONAL ASTRONAUTICAL FEDERATION, CONGRESS, 19TH, NEW YORK CITY, OCT. 1968, PROCEEDINGS, VOL. 1. PP.151-160. CONTRACT NOS. AF19(828)67-C-0196, AND NSF GRANT NO. GA-837. A70-45006
NR-H8-FJ-000-01306	NEW MEASUREMENTS OF LOW ALTITUDE REGIONS OF DISTRIBUTED INDEX OF REFRACTION BY RADAR, INSTRUMENTED AIRCRAFT AND PIBALS. REPORT NO. P-44. ALFRED H. LAGRONE, AND ANDREW P. DEAM, UNIVERSITY OF TEXAS, ANTENNAS AND PROPAGATION DIV., AUSTIN, TEXAS. APRIL 1970, 15P. CONTRACT NO. GRANT NSF GA-11462. PB-192345 N71-14865
NR-H8-00-000-01307	TOWARDS A QUANTITATIVE SEMI-AUTOMATIC SYSTEM FOR THE PHOTO-INTERPRETATION OF TERRAIN COVER TYPES. D. STEINER, AND H. MAURER, UNIVERSITY OF ZURICH, SWITZERLAND. IN TRANSACTIONS OF THE SECOND INTERNATIONAL SYMPOSIUM ON PHOTO-INTERPRETATION, VOL. III, PP. 51-54, EDITIONS TECHNIP, PARIS, 1967. (INTERNATIONAL ARCHIVES OF PHOTOGRAMMETRY, VOL. 16, 1967)
NR-H8-00-000-01308	A PLATE-HOLDER FOR THE NAFA-3S/25 CAMERA. (KASSETA DLYA FOTOPLASTINKI KAMERY NAFA 3S/25). REPORT NO. NASA-TT-F-13352. K.K. HAVLICEK, SCRIPTA TECHNICA, INC., WASHINGTON, D.C. DEC. 1970, 4P. TRANSL. FROM BYULLETEN STANTSII OPTICHESKOGO NABLYUDENIYA ISSKUSTVENNYKH SPUTNIKOV ZEMLI (USSR), NO. 53, ISSUE 1, 1969. PP.38-40. CONTRACT NO. NASW-2036. MICROFICHE COPY. N71-12661
NR-H8-00-000-01309	SOME RESULTS OF THE EXAMINATION OF THE SATELLITE CAMERA AFU-7S AT THE UZHGOROD TRACKING STATION. (REZULTATY NEKOTORYKH ISSLEDOVANIY SPUTNIKOVY FOTOKAMERY AFU-7S UZHGORODSKOY STANTSII FOTOGRAFICHESKIKH NABLYUDENIY ISSKUSSTV, SPUTNIKOV ZEMLI.) REPORT NO. NASA-TT-F-13349. M.V. BRATIYCHUK, AND A.G. KIRICHENKO, UZHGOROD, USSR. SCRIPTA TECHNICA, INC., WASHINGTON, D.C. DEC. 1970, 7P. TRANSL. FROM BYULLETEN STANTSII OPTICHESKOGO NABLYUDENIA ISSKUSTVENNYKH SPUTNIKOV ZEMLI (MOSCOW), NO. 53, ISSUE 1, 1969. PP.29-33. CONTRACT NO. NASW-2036. MICROFICHE COPY. N71-12675

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01310	APPLICATION OF LASER TECHNOLOGY TO GEODETIC MEASUREMENTS AND MAPPING. TECHNICAL SUMMARY REPORT. REPORT NOS. NASA-TM-X-66489, AND PM-46. JANIS BEBRIS, NASA, ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASSACHUSETTS. APRIL 1968, 22P. MICROFICHE COPY. N71-12425
NR-H8-00-000-01311	A COMPARISON BETWEEN MONOSTATIC AND BISTATIC SCATTERING FROM RAIN AND THIN TURBULENT LAYERS. REPORT NOS. NASA-CR-111618, AND TN-1970-29. R.K. CRANE, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LINCOLN LABORATORY, LEXINGTON, MASS. OCT. 1970, 47P. CONTRACT NO. NAS5-21532. MICROFICHE COPY. N71-12395
NR-H8-00-000-01312	AN OPTICAL INTERFEROMETRIC METHOD TO ELIMINATE THE ATMOSPHERIC DEGRADATION OF RESOLUTION. FINAL SCIENTIFIC REPORT. REPORT NO. AFOSR-70-2419TR. DOUGLAS G. CURRIE, UNIVERSITY OF MARYLAND, DEPT. OF PHYSICS AND ASTRONOMY, COLLEGE PARK, MARYLAND. SEPT. 1970, 8P. CONTRACT NO. GRANT AF-AFOSR-1729-69. MICROFICHE COPY. AD-712717 N71-14812
NR-H8-00-000-01313	APPLICATION OF SENSING ARRAYS TO PHOTOGRAMMETRY AND METROLOGY. DESMOND C. O'CONNOR, AND PI-FUAY CHEN, ARMY ENGINEER TOPOGRAPHIC LABS., FORT BELVOIR, VA. 1970, 14P. MICROFICHE COPY. AD-713568 N71-14893
NR-H8-00-000-01314	PHOTOGRAPHIC OBSERVATION OF SATELLITES USING THE K-24 AERIAL CAMERA WITH POLAROID FILM. (FOTOGRAFICHESKIYE NABLYUDENIYA SPUTNIKOV S POMOSHCHYU AEROFOTOR YEMOCHNOY KAMERY K-24 NA PLENKE POLYAROID). TH. M. VERMEESCH, AND L.J. LANTWAARD, SATELLITE TRACKING SERVICE, UTRECHT, NETHERLANDS. SCRIPTA TECHNICA, INC., WASHINGTON, D.C. DEC. 1970, 5P. TRANSL. FROM BYULLETEN STANTSII OPTICHESKOGO NABLYUDENIYA ISKUSTVENNYKH SPUTNIKOV ZEMLI (MOSCOW), NO. 53, ISSUE 1, 1969. PP.41-43. CONTRACT NO. NASW-2036. MICROFICHE COPY. N71-12695
NR-H8-00-000-01315	INTENSITY DISTRIBUTION IN THE ECHO-2 SPECTRUM. (O RASPEDELENIY INTENSIVNOSTI V SPEKTR E ISKUSSTVENNOGO SPUTNIKA ZEMLI ZKO-2). REPORT NO. NASA-TT-F-13287. V.A. SMIRNOV, AND YU. D. RUSSO, ODESSA ASTRONOMICAL OBSERVATORY, (USSR) SCRIPTA TECHNICA, INC., WASHINGTON, D.C. DEC. 1970, 5P. TRANSL. FROM BYULLETEN STANTSII OPTICHESKOGO NABLYUDENIYA ISSKUSTVENNYKH SPUTNIKOV ZEMLI (MOSCOW), NO. 53, ISSUE 1, 1969. PP.6-8. CONTRACT NO. NASW-2036. MICROFICHE COPY. N71-12996
NR-H8-00-000-01316	THE MEASUREMENT OF ATMOSPHERIC OZONE USING SATELLITE INFRARED OBSERVATIONS IN THE 9.6 MICRON BAND. REPORT NOS. REPT-03635-1-T, AND NASA-CR-111566. JAMES MADISON RUSSELL, III, (PH.D. THESIS), UNIVERSITY OF MICHIGAN, HIGH ALTITUDE ENGINEERING LAB., ANN ARBOR, MICHIGAN. JULY 1970, 160P. CONTRACT NOS. NSR-23-005-376, NASR-54(03), GRANTS NSR-23-005-394, AND ESSA-E92-69-N. MICROFICHE COPY N71-13089
NR-H8-00-000-01317	METEOROLOGICAL MEASUREMENTS FROM SATELLITE PLATFORMS. ANNUAL SCIENTIFIC REPORT, 1968-1969. REPORT NO. NASA-CR-111369. V.E. SUOMI, THOMAS H. VONDER HAAR, UNIVERSITY OF WISCONSIN, SPACE SCIENCE AND ENGINEERING CENTER, MADISON, WIS. AUG. 1970, 383P. CONTRACT NO. NAS5-11542. N71-11613 THRU N71-11625.
NR-H8-00-000-01318	AIR FORCE SCIENCE AND ENGINEERING SYMPOSIUM, 13TH ANNUAL, ARNOLD AIR FORCE STATION, TENNESSEE, SEPT. 1966, PROCEEDINGS, VOL. 1. AIR FORCE SYSTEMS COMMAND, WASHINGTON, D.C. SEPT. 1966, 611P. MICROFICHE COPY. AD-641921



## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01319	THE USE OF A SINGLE PLATE INTERFEROMETER IN THE HOOK-METHOD OF ROSCHDESTVENSKY. REPORT NO. BRL-R-1499. JOSEPH H. SPURK, EDMUND J. GION, AND DAVID B. SLEATOR, BALLISTIC RESEARCH LABS., ABERDEEN PROVING GROUND, MARYLAND. OCT. 1970, 22P. MICROFICHE COPY. AD-716335
NR-H8-00-000-01320	MESSUNGEN DER BRECHUNGS INDEX-UND TEMPERATURESCHICHTUNG IM BEREICH VON RICHTPUNKSTREUKEN, ERGEBNISSE VON FLUGZEUGAUFSTIEGEN UEBER DER DEUTSCHEN BUCHT. (AIRCRAFT MEASUREMENTS OF REFRACTIVE INDEX AND TEMPERATURE IN THE RANGE OF RADIO TRANSHORIZON LINKS OVER SEA.) REPORT NO. H. MUELLER, HAMBURG UNIV., INSTITUT FUER RADIONETEOROLOGIE UND MARITIME METEOROLOGIE, HAMBURG, WEST GERMANY. 1968, 73P IN GERMAN, ENGLISH SUMMARY. MICROFICHE COPY. N71-13489
NR-H8-00-000-01321	NEVADA AERIAL TRACKING SYSTEM (NATS) - BEATTY WASTE DUMP SURVEY. REPORT NOS. EGG-1183-1481, AND TR-L-991. P.K. BOYNS, AND M.D. SEVART, EDGERTON, GERMESHAUSEN AND GRIER, INC., LAS VEGAS, NEVADA. MAY 1970, 13P. MICROFICHE COPY. N71-14402
NR-H8-00-000-01322	AUTOMATIC PATTERN RECOGNITION. (AVTOMATISCHESKOE RASPOZNAVANIE OBRAZOV). REPORT NO. JPRS-51963. V.P. PERESADA (USSR) JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. JEC. 1970, 112P. TRANSL. OF RUSSIAN MONOGRAPH, Leningrad, ENERGIYA PRESS, N.D., 92P. MICROFICHE COPY.
NR-H8-00-000-01324	FLOW OF RADIATION IN THE EARTH'S ATMOSPHERE. FINAL REPORT, DEC. 65-MAY 69. REPORT NO. AFCL-70-0415. WALTER J. WILLIAMS, FRANK H. MURCRAY, DAVID G. MURCRAY, AND THOMAS G. KYLE, DENVER UNIVERSITY, DEPT. OF PHYSICS, DENVER, COLO. JAN. 70, 259P. CONTRACT NO. AF19(628)-5706. MICROFICHE COPY. AD-715269
NR-H8-00-000-01326	SCATTERING BY A PERIODIC SURFACE. REPORT NO. AFCL-70-0507. TOMMY C. TONG, AND THOMAS B.A. SENIOR, UNIVERSITY OF MICHIGAN, RADIATION LAB., ANN ARBOR, MICH. SEPT. 1970, 69P. CONTRACT NO. F19628-68-C-0071. MICROFICHE COPY. AD-713183 N71-14825
NR-H8-00-000-01327	CLASSIFICATION ANALYSIS. REPORT NO. TECHNICAL NOTE. GEOFFREY H. BALL, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. NOV. 1970, 120P. CONTRACT NO. NNR-4918(00). MICROFICHE COPY. AD-716482
NR-H8-00-000-01331	A FEASIBILITY STUDY FOR A NONPHOTOGRAPHIC SATELLITE TRACKING SENSOR. FINAL REPORT, APR.-JULY 1970. REPORT NOS. STS-115, AND AFCL-70-0436. GEORGE RUPPRECHT, AND T.J. STEVENS, BENDIX CORP., NAVIGATION AND CONTROL DIV., DENVER, COLO. OCT. 1970, 119P. CONTRACT NO. F19628-70-C-0161. MICROFICHE COPY. AD-713162 N71-14854
NR-H8-00-000-01333	BALLOON BORNE POLAR NEPHELOMETER MEASUREMENTS OF THE ATMOSPHERE. FINAL REPORT, JUNE 67-DEC. 69. REPORT NOS. SM-70-1, AND AFCL-70-0084. WILLIAM G. ELLIOTT, SPECTRAMETRICS, INC., BURLINGTON, MASSACHUSETTS. FEB. 1970, 137P. CONTRACT NO. F19628-67-C-0412. MICROFICHE COPY. N71-12865 AD-712091
NR-H8-00-000-01334	SHAPE SYNTHESIS, I. REPORT NOS. SCIENTIFIC-2, SC-TR-71-130, AND AFCL-70-0502. AZRIEL ROSENFELD, AND MILY JOHNSTON, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. SEPT. 1970, 33P. CONTRACT NO. F19628-70-C-0208. MICROFICHE COPY. AD-713163 N71-14833

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01335	OWENS VALLEY RADIO OBSERVATORY, PASADENA, CALIFORNIA. FINAL TECHNICAL REPORT, AUG. 66-AUG. 70. GORDON J. STANLEY, CALIFORNIA INSTITUTE OF TECHNOLOGY, OWENS VALLEY RADIO OBSERVATORY, PASADENA, CALIF. OCT. 1970, 43P. CONTRACT NOS. N00014-67-A-0094-0008, AND NONR-220-19. MICROFICHE COPY. AD-712825
NR-H8-EJ-998-01336	SURVEY SYSTEMS, AIRBORNE. FINAL REPORT ON MATERIAL TEXT PROCEDURE. REPORT NO. MTP-6-2-334. U.S. ARMY TEST AND EVALUATION COMMAND, ABERDEEN PROVING GROUND, MARYLAND. DEC. 1969, 15P. MICROFICHE COPY. AD-866620
NR-H8-00-000-01337	SPECTORADIOMETRY AND CONVENTIONAL PHOTOMETRY - AN INTERLABORATORY COMPARISON. REPORT NO. NBS-TN-559. D.A. MCSPARRON, K. MOHAN, R.C. RAYHOLD, R.D. SAUNDERS, AND E.F. ZALEWSKI, NATIONAL BUREAU OF STANDARDS, INSTITUTE FOR BASIC STANDARDS, WASHINGTON, D.C. NOV. 1970, 196P. MICROFICHE COPY. N71-15476
NR-H8-00-000-01338	SPECTRAL ABSORPTION CHARACTERISTICS OF THE MAJOR COMPONENTS OF DUST CLOUDS. TECHNICAL REPORT, MAY 68-DEC. 69. REPORT NO. EA-TR-4430. DENNIS F. FLANIGAN, AND HARRY P. DE LONG, U.S. ARMY CHEMICAL CENTER, DETECTION AND WARNING LAB., EDGEWOOD, MARYLAND. SEPT. 1970, 47P. MICROFICHE COPY. AD-712989 N71-12730
NR-H8-00-000-01339	PROCESSING OF VISUAL IMAGERY BY AN ADAPTIVE MODEL OF THE VISUAL SYSTEM - ITS PERFORMANCE AND ITS SIGNIFICANCE. FINAL REPORT, JUNE 69-MARCH 70. REPORT NO. AMRL-TR-70-45. OLIVER H. TALLMAN, II, AEROSPACE MEDICAL RESEARCH LAB., WRIGHT PATTERSON AFB, OHIO. NOV. 1970, 50P. MICROFICHE COPY. AD-717157
NR-H8-00-000-01340	THE LINEAR SEPARABILITY OF MULTIPLE-FREQUENCY RADAR RETURNS, WITH APPLICATIONS TO TARGET CLASSIFICATION. REPORT NOS. OSURF-2768-5, AND AFOSR-70-2928TR. ANDREW G. REPPAR, OHIO STATE UNIVERSITY RESEARCH FOUNDATION, COLUMBUS, OHIO. NOV. 1970, 106P. CONTRACT NOS. AFOSR-69-1710A, AND GRANT AF-AFOSR-1710-69. MICROFICHE COPY. AD-717 198
NR-H8-00-000-01341	A DESCRIPTION AND ANALYSIS OF THE WOLLASTON PRISM SCHLIEREN-INTERFEROMETER. PROJECT THEMIS. REPORT NOS. RU-TR-134-MAE-F, AND AFOSR-70-2497TR. RICHARD D. SMALL, RUTGERS - THE STATE UNIV., DEPT. OF MECHANICAL AND AEROSPACE ENGINEERING, NEW BRUNSWICK, NEW JERSEY. JULY 1970, 36P. CONTRACT NO. F44620-68-C-0018. MICROFICHE COPY. AD-716861
NR-H8-00-000-01343	DETERMINATION OF A HYPSONETER PERFORMANCE FUNCTION FROM AIRBORNE DATA. REPORT NO. TE-33. PATRICE MARIE LATRON (MASTER'S THESIS), MASSACHUSETTS INSTITUTE OF TECHNOLOGY, MEASUREMENT SYSTEMS LAB., CAMBRIDGE, MASS. FEB. 1970, 175P. CONTRACT NO. F29600-69-C-0028. MICROFICHE COPY. AD-716823
NR-H8-00-000-01344	ONE METHOD OF CONSTRUCTING A LARGE NUMBER OF ASSOCIATIVE PERCEPTION ELEMENTS. REPORT NO. FTD-HC-23-1418-68. L.V. KLYKOV, AND G.G. SMETSYURA, (USSR). TRANSL. OF AVTOMATICHESKOE CHTENIE TEKSTA (AUTOMATIC PRINT READER) MOSCOW, 1967. PP.137-142. MICROFICHE COPY. AD-717056
NR-H8-00-000-01346	COHERENT OPTICAL PROCESSING OF MOTION-DEGRADED IMAGES. R AND D REPORT., OCT. 68-JULY 69. REPORT NO. NELC-TR-1720. M.A. MONAHAN, U.S. NAVAL ELECTRONICS LABORATORY CENTER, SAN DIEGO, CALIFORNIA. AUG. 1970, 53P. MICROFICHE COPY. AD-716779

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01347	RADAR POLARIZATION DIVERSITY EFFECTS ON TARGET RERADIATED PHASE FRONT. JOHN L. HATCHER, AND CARLTON H. CASH, ARMY MISSILE COMMAND, REDSTONE ARSENAL, ALABAMA. 1970, 15P. MICROFICHE COPY. AD-713535 N71-15353
NR-H8-00-000-01348	AN EXPERIMENTAL DETERMINATION OF THE ATMOSPHERIC TEMPERATURE PROFILE BY INDIRECT MEANS. D.T. HILLEARY, D.Q. WARK, U.S. WEATHER BUREAU, WASHINGTON, D.C., AND D.G. JAMES, METEOROLOGICAL OFFICE, BRACKNELL, BERKS, ENGLAND. IN NATURE, VOL. 205, NO. 4970, JAN. 30, 1965. PP.489-491.
NR-H8-00-000-01349	MONOGRAPHIE HYDROGEOLOGIQUE DE LA MAMORA (HYDROGEOLOGIC STUDY OF MAMORA). JEAN-PIERRE THAUVIN, MINISTERE DE L'INDUSTRIE ET DES MINES, DIRECTION DES MINES ET DE LA GEOLOGIE, DIVISION DE LA GEOLOGIE, RABAT, MOROCCO. 1966, 124P. NOTES ET MEMOIRES DU SERVICE GEOLOGIQUE NO. 195. 070-01911
NR-H8-00-000-01350	BACKGROUND NOISE IN OPTICAL COMMUNICATION SYSTEMS. NORMAN S. KOPEIKA, AND JOSEPH BORDOGNA, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA. IN IEEE PROCEEDINGS, VOL. 58, OCT. 1970. PP.1571-1577. A71-12015
NR-H8-00-000-01351	STEREOCOMPARATOR COORDINATE REDUCTION. (TIES COMPUTER PROGRAM NO. R-0100). JESSE R. CHAVES, HIGHWAY ENGINEER, U.S. DEPT. OF TRANSPORTATION, BUREAU OF PUBLIC ROADS, WASHINGTON, D.C. MARCH 1970, 63P. N71-15500
NR-H8-00-000-01352	ACCOMPLISHMENT SUMMARY 1969/70. REPORT FOR JUNE 69-MAY 70. REPORT NOS. BCL-70.2, UIIU-ENG-70-291, AND AFOSR-70-2595TR. H. VON FOERSTER, UNIVERSITY OF ILLINOIS, BIOLOGICAL COMPUTER LAB., URBANA, ILL. JULY 1970, 348P. CONTRACT NO. GRANT AF-AFOSR-1865-70. AD-714608
NR-H8-00-000-01353	KANDIDATS - KANSAS DIGITAL IMAGE DATA SYSTEM. REPORT NOS. CRES TR-133-22, AND ETL-CR-71-3. GEORGE GUNNELS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., REMOTE SENSING LAB., LAWRENCE, KANSAS. JAN. 1971, 135P. CONTRACT NO. DAAK02-68-C-0089.
NR-H8-00-000-01354	HOLOGRAPHIC INSTRUMENTATION APPLICATIONS, CONFERENCE, MOFFETT FIELD, CALIF., JAN. 1970, PROCEEDINGS. REPORT NO. NASA-SP-248. BORIS RAGENT, AND RICHARD M. BROWN, EDITORS, NASA, AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1970, 249P. MICROFICHE AND HARD COPY. N71-12776
NR-H8-00-000-01355	NITROGEN OXIDES - AN ANNOTATED BIBLIOGRAPHY. REPORT NO. NAPCA-PUB-AP-72. NATIONAL AIR POLLUTION CONTROL ADMIN., RALEIGH, NORTH CAROLINA. AUG. 1970, 636P. PB-194429 N71-14472
NR-H8-00-000-01356	MODELING ERRORS IN KALMAN FILTERS. REPORT NO. JPL-TR-32-1319. T. NISHIMURA, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. JUNE 1970, 21P.
NR-H8-00-000-01358	A ONE-BIT VLBI RECORDING AND PLAYBACK SYSTEM USING VIDEOTAPE RECORDERS. R.D. MICHELINI, SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS. IN RADIO SCIENCE, VOL. 5, OCT. 1970. PP.1263-1270. CONTRACT NO. NSR-09-015-079. A71-12332
NR-H8-00-000-01359	UTILIZATION OF IMAGE THEORY TECHNIQUES IN DETERMINING THE MUTUAL COUPLING BETWEEN ELEVATED LONG HORIZONTAL LINE SOURCES. PETER R. BANNISTER, U.S. NAVY, NAVAL UNDERWATER SYSTEMS CENTER, NEW LONDON, CONN. IN RADIO SCIENCE, VOL. 5, NOV. 1970. PP.1375-1381. A71-11615

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01360	PERFORMANCE OF ATS SPIN-SCAN CLOUDCOVER CAMERA (SSCC) EQUIPMENT AT MOJAVE GROUND STATION. ATS PROJECT. REPORT NOS. NASA-TM-X-65401, AND X-460-70-386. NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. OCT. 1970, 74P. MICROFICHE AND HARD COPY. N71-14801
NR-H8-00-000-01362	REQUEST FOR PROGRAMMING - PHOTO QUALITY PREDICTION. ALSO - PHOTO QUALITY PREDICTION PROGRAM (QUAL.), AND COORDINATION SHEET (NO. 2-7826-10-122). REPORT NO. D2-100663-1. D.W. EXNER, JR., PETER T. SKELLY, THE BOEING COMPANY, SEATTLE, WASHINGTON. 1966, 65P., 14P., AND 20P. CONTRACT NO. NAS1-3600.
NR-H8-00-000-01363	HANDBOOK OF CORRELATIVE DATA. REPORT NO. NSSDC 71-05. JOSEPH H. KING, EDITOR, NATIONAL SPACE SCIENCE DATA CENTER, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. FEB. 1971, 212P.
NR-H8-00-000-01365	AN/PPS-18 (XN-1) ULTRA RELIABLE RADAR. INTERIM DEVELOPMENT REPORT, 1-30 JUNE 1970. PHASE II. J.D. FRATTURA, RADIO CORP. OF AMERICA, MISSILE AND SURFACE RADAR DIV., MOORESTOWN, NEW JERSEY. JULY 1970, 66P. CONTRACT NO. N00039-70-C-3502. MICROFICHE COPY. AD-709138 N70-41010
NR-H8-00-000-01366	AN/PPS-18 (XN-1) ULTRA RELIABLE RADAR. INTERIM DEVELOPMENT REPORT FOR SEPT. 1970. PHASE II. J.D. FRATTURA, RCA DEFENSE ELECTRONIC PRODUCTS, MISSILE AND SURFACE RADAR DIV., MOORESTOWN, NEW JERSEY. OCT. 1970. CONTRACT NO. N00039-70-C-3502. AD-713707
NR-H8-00-000-01367	AN/PPS-18 (XN-1) ULTRA RELIABLE RADAR. INTERIM DEVELOPMENT REPORT NO. 9 ON PHASE 2, 1-31 OCT. 70. J.D. FRATTURA, RCA MISSILE AND SURFACE RADAR DIVISION, MOORESTOWN, NEW JERSEY. NOV. 1970, 14P. CONTRACT NO. N00039-70-C-3502. MICROFICHE COPY. AD-715063
NR-H8-00-000-01368	AN/PPS-18 (XN-1) ULTRA RELIABLE RADAR. INTERIM DEVELOPMENT REPORT NO. 10, 1-30 NOV. 1970 ON PHASE 2. J.D. FRATTURA, RCA MISSILE AND SURFACE RADAR DIV., MOORESTOWN, NEW JERSEY. DEC. 1970, 22P. CONTRACT NO. N00039-70-C-3502. MICROFICHE COPY. AD-717044
NR-H8-00-000-01369	EDGE AND CURVE DETECTION FOR VISUAL SCENE ANALYSIS. TECHNICAL REPORT. REPORT NOS. SCIENTIFIC-1, CSC-TR-70-128, AND AFCRL-70-0488. AZRIEL ROSENFELD, AND MARK THURSTON, UNIV. OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. AUG. 1970, 36P. CONTRACT NO. F19628-70-C-0208. MICROFICHE COPY. AD-713159 N71-14832
NR-H8-00-000-01370	REMOTE-READING BOREHOLE INCLINOMETER. FINAL REPORT. B. KAMB, AND C.F. RAYMOND, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. AUG. 1970, 8P. CONTRACT NO. GRANT NSF GA-1051X1. MICROFICHE COPY. PB-193925 N71-14788
NR-H8-00-000-01371	UNDERWATER ACOUSTIC IMAGING - PRELIMINARY FEASIBILITY STUDY. FINAL REPORT. REPORT NO. SC-CR-70-6102. S. FRANKEL, FRANKEL (SIDNEY) AND ASSOCIATES, MENLO PARK, CALIF. SEPT. 1970, 118P. CONTRACT NO. 72-8049. MICROFICHE COPY. N71-15646
NR-H8-00-000-01372	STAGE 1 TRIALS OF STORAGE AERIAL RADAR. NEW STAR. REPORT NO. RAE-TR-70138. D.A. BEAMISH, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, ENGLAND. AUG. 1970, 30P. MICROFICHE COPY. N71-14776

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01373	ANALYSIS OF POLARIZATION EFFECTS IN THE SIRS B SATELLITE SPECTROMETER. FINAL REPORT. REPORT NO. BAI-691017. M.G. DREYFUS, BAI CORP., GLENBROOK, CONNECTICUT. 1970, 25P. MICROFICHE COPY. PB-192130 N71-15161
NR-H8-00-000-01374	ON THE THEORY OF THE PHOTOGRAPHY OF SINGLE AND MULTIPLE COLORS BY THE INTERFERENCE METHOD. REPORT NO. TR-59. M.G. LIPPMAN, GRUMMAN AEROSPACE CORP., BETHPAGE, N.Y. NOV. 1970, 17P. TRANSL. FROM JOURNAL DE PHYSIQUE (PARIS), VOL. 3, 1894, 17P. MICROFICHE COPY. N71-14871
NR-H8-00-000-01375	XERORADIOGRAPHY AND RELATED TOPICS. REPORT NOS. NDT42, AND AERE-BIB-173. V.M. KIRK, UNITED KINGDOM ATOMIC ENERGY AUTHORITY, MATERIALS PHYSICS DIVISION, HARWELL, BERKSHIRE, ENGLAND. JULY 1970, 13P. MICROFICHE COPY. N71-15300
NR-H8-00-000-01376	ATS RANGING AND POSITION FIXING EXPERIMENTS. PERIODIC PROGRESS REPORT, 1 AUG.-31 OCT. 1970. REPORT NOS. NASA-CR-115782, AND S-70-1107. GENERAL ELECTRIC CO., RESEARCH AND DEVELOPMENT CENTER, SCHENECTADY, NEW YORK. OCT. 1970, 25P. CONTRACT NO. NAS5-11634. MICROFICHE COPY. N71-14492
NR-H8-00-000-01377	THE GEOLE PROJECT (LE PROJECT GEOLE). REPORT NO. NASA-TT-F-12645. J.C. HUSSON, AZTEC SCHOOL OF LANGUAGES, INC., RESEARCH TRANSLATION DIV., MAYNARD, MASS. 1969, 34P. TRANSL. FROM CNES REPORT (FRENCH), JUNE 1969, 31P. CONTRACT NO. NASW-1692. MICROFICHE COPY. N70-27325
NR-H8-00-000-01378	BULLETIN OF OPTICAL ARTIFICIAL EARTH SATELLITE TRACKING STATIONS. REPORT NO. JPRS-50035. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. MARCH 1970, 112P. TRANSL. OF BYULLETEN STANTSIIY OPTICHESKOGO NABLYUDENIYA ISKUSSTVENNYKH SPUTNIKOV ZEMLI (MOSCOW), NO. 55, 1969. PRESENTED AT SEMINAR ON GEODETIC PROCESSING OF ARTIFICIAL EARTH SATELLITE OBSERVATIONS, TASHKENT, NOV. 1968. MICROFICHE COPY. N70-27252
NR-H8-00-000-01379	INTERNATIONAL COLLOQUIUM ON PEPR (PRECISION ENCODING AND PATTERN RECOGNITION), NIJMEGEN UNIV., NETHERLANDS, JUNE 1968, PROCEEDINGS. REPORT NO. CONF-680628. NIJMEGEN UNIV., NIJMEGEN, NETHERLANDS. 1968, 142P. MICROFICHE COPY. N70-27085
NR-H8-00-000-01380	THE PERFORMANCE OF AN INCLINOMETER FOR MEASURING LATERAL MOVEMENTS IN SOIL. REPORT NO. RRL-LR332. R.T. MURRAY, AND M.J. IRWIN, ROAD RESEARCH LABORATORY, EARTHWORKS AND FOUNDATIONS SECTION, CROWTHORNE, ENGLAND. 1970, 33P. MICROFICHE COPY. PB-194035 N71-14919
NR-H8-00-000-01381	SOVIET GRAVIMETRIC WORK, 1966-1969. REPORT NO. JPRS-52102. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. JAN. 1971, 17P. TRANSL. OF INTERNATIONAL GRAVITY COMMISSION MEETING (4TH) PARIS, SEPT. 1970, PAPER, 16P. MICROFICHE COPY. N71-15503
NR-H8-00-000-01382	NASA-OSSA PROJECTS - SUPPLEMENTAL REVIEW. CONGRESS. HOUSE. COMMITTEE ON SCIENCE AND ASTRONAUTICS. OCT. 1969, 40P. HEARINGS BEFORE THE SUBCOMMITTEE ON SPACE SCIENCE AND APPLICATIONS OF THE COMMITTEE ON SCIENCE AND ASTRONAUTICS, 91ST CONGRESS, 1ST SESSION, NO. 9, OCT. 16, 1969. MICROFICHE COPY. N70-36162
NR-H8-00-000-01384	LASER CONIOMETRY ON SATELLITES. REPORT NO. ONERA-TP-845. CLAUDE VERET, OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES, PARIS, FRANCE. 1970, 18P. MICROFICHE COPY. N71-11564



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01385	ANALIZA NIEKTORYCH WYRAZOW POPRAWKOWYCH STOSOWANYCH PRZY REDUKCJI OBSERWACJI FOTOGRAFICZNYCH SZZ. (ANALYSIS OF SOME CORRECTION TERMS USED FOR REDUCING THE PHOTOGRAPHIC OBSERVATIONS OF ARTIFICIAL EARTH SATELLITES. JAN LATKA, ADDRESS UNKNOWN. IN GEODEZJA I KARTOGRAFIA, VOL. 18, NO. 2, 1969. PP.135-144. IN POLISH. MICROFICHE COPY. A69-38606
NR-H8-00-000-01387	IMAGE STORAGE AND TRANSMISSION SYSTEMS FOR LIBRARIES, CONFERENCE, GAITHERSBURG, MARYLAND, DECEMBER 1969, PROCEEDINGS. MADELINE M. HENDERSON, NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. SEPT. 1970, 297P. MICROFICHE COPY. PB-193692 N71-12499
NR-H8-00-000-01388	ATMOSPHERIC REFRACTOMETRY AT HIGH RELATIVE HUMIDITIES. H.E. TURNER, AND D.R. HAY, UNIV. OF WESTERN ONTARIO, LONDON, ONTARIO, CANADA. IN CANADIAN JOURNAL OF PHYSICS, VOL. 48, NOV. 1970. PP.2517-2536. CONTRACT NOS. AF19(628)-444, AND AF19(628)-3835. A71-10252
NR-H8-00-000-01389	THE NIMBUS 4 MICHELSON INTERFEROMETER. REPORT NOS. NASA-TM-X-65395, AND X-620-70-421. R.A. HANEL, B. SCHLACHMAN, D. ROGERS, AND D. VANOUS, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. DEC. 1970, 33P. MICROFICHE AND HARD COPY. N71-14802
NR-H8-00-000-01390	SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 232. REPORT NO. JPRS-50941. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. JULY 1970, 131P. PAGES 14-18, 21, 26, 31, 38-39. TRANSL. FROM VARIOUS SINO-SOVIET BLOC PUBLICATIONS. N70-37880
NR-H8-00-000-01391	HOLOGRAPHIC IMAGE INTENSIFICATION BY SUPERPOSITION OF HOLOGRAMS. D.J. DEBITETTO, AND A.L. DALISA, PHILIPS LABORATORIES, BRIARCLIFF MANOR, NEW YORK. IN APPLIED OPTICS, VOL. 9, NOV. 1970. PP.2588-2590. A71-10838
NR-H8-00-000-01392	DESIGN CONSIDERATIONS FOR AN INFRARED FLYING-SPOT TELESCOPE. A.D. SHULMAN, MITRE CORP., MCLEAN, VA. IN APPLIED OPTICS, VOL. 9, NOV. 1970. PP.2505-2510. A71-10830
NR-H8-00-000-01393	MILLIMETER-WAVE PROPAGATION EXPERIMENTS UTILIZING THE ATS-5 SATELLITE, URSI CONFERENCE COLUMBUS, OHIO, NOV. 1970, PAPERS. REPORT NOS. NASA-TM-X-65404, AND X-751-70-428. LOUIS J. IPPOLITO, COMPILER, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. 1970, 124P. MICROFICHE AND HARD COPY. N71-14738
NR-H8-00-000-01394	CORRELATIONS BETWEEN EARTH'S GRAVITATIONAL AND MAGNETIC FIELD. HEMENDRA K. ACHARYA, UNIVERSITY OF WISCONSIN, MIDDLETON, WIS. IN NATURE, VOL. 228, NOV. 21, 1970. PP.758-759. A71-12953
NR-H8-00-000-01395	LEAST-SQUARES ESTIMATION IN PHYSICAL GEODESY. REPORT NOS. DGS-130, AFCL-70-0202, AND SR-4. HELMUT MORITZ, OHIO STATE UNIVERSITY, DEPT. OF GEODETIC SCIENCE, COLUMBUS, OHIO. MARCH 1970, 59P. CONTRACT NO. F19628-69-C-0127. MICROFICHE AND HARD COPIES. AD-707508 N70-38203
NR-H8-00-000-01396	DOPPLER SHIFT IN HIGH-FREQUENCY GROUND BACKSCATTER COMPARED WITH DOPPLER SHIFT IN A RETRANSMITTED SIGNAL. E.W. DEARDEN, STANFORD UNIV., STANFORD, CALIF. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NOV. 1, 1970. PP.6382-6386. CONTRACT NO. NONR-225(64). A71-11524

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H- 00-000-01397	EXAMINATION OF SURFACES EXPOSED TO A NOCTILUCENT CLOUD, AUGUST 1, 1968. NEIL H. FARLOW, GUY V. FERRY, AND MAXWELL B. BLANCHARD, NASA, AMES RESEARCH CENTER, SPACE SCIENCES DIV., MOFFETT FIELD, CALIF. IN JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 75, NOV. 20, 1970. PP.6736-6750. A71-12702
NR-H8-00-000-01398	CERTAIN PROBLEMS OF PROPAGATION OF MILLIMETER AND SUBMILLIMETER RADIO WAVES. (NEKOTORYE PROBLEMY RASPROSTRANENIYA MILLIMETROVYKH I SUBMILLIMETROVYKH RADIOVOLN). M.A. KOLOSOV, AND A.V. SOKOLOV, (USSR) IN RADIO ENGINEERING AND ELECTRONIC PHYSICS, VOL. 15, APRIL 1970. PP.563-570. TRANSLATION. A71-11872
NR-H8-00-000-01400	ON BAYES' THEOREM AND ITS APPLICATION TO RELIABILITY EVALUATION. REPORT NO. 67SD213. W.T. WEIR, MODERATOR, GENERAL ELECTRIC, RE-ENTRY SYSTEMS DEPT., PHILADELPHIA, PA. APRIL 1967, 234P. N68-86487
NR-H8-00-000-01401	AGFACONTOUR (FILM) PROFESSIONAL DATA. AGFA-GEVAERT, INC., TETERBORO, NEW JERSEY. MARCH 1971, 6-PAGE FOLDER.
NR-H8-00-000-01402	CONSIDERATIONS IN REMOTE RAMAN SPECTROSCOPY. STANLEY M. KLAINER, AND E. ROBERT SCHILDKRAUT, BLOCK ENGINEERING INC., CAMBRIDGE, MASSACHUSETTS, AND HARVEY TANNENBAUM, AND DAVID TANNENBAUM, EDGEWOOD ARSENAL, MARYLAND. PRESENTED AT SYMPOSIUM ON ENVIRONMENTAL POLLUTION, 2ND ANNUAL, AMERICAN ORDNANCE ASSOCIATION, MARCH 24, 1971, 27P.
NR-H8-00-000-01403	AERIAL PHOTOGRAPHY COVERAGE SECURED BY AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. COMPREHENSIVE LISTING, (INCLUDES NEAR ALL AREAS WITHIN COUNTERMINOUS U.S. AND POSSESSIONS) REVISED MARCH 31, 1969. AERIAL PHOTOGRAPHY DIVISION, AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. 1969, 75P.
NR-H8-00-000-01405	COBB CHART RESOLUTION AS A TOOL IN PHOTOGRAPHIC SYSTEM DESIGN. PART 1. I.J.G. BALLANT, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, HANTS, ENGLAND. IN JOURNAL OF PHOTOGRAPHIC SCIENCE, VOL. 18, JULY-AUG. 1970. PP.117-130. A70-45449
NR-H8-00-000-01406	COBB CHART RESOLUTION AS A TOOL IN PHOTOGRAPHIC SYSTEM DESIGN. PART 2. J.G. BALLANTYNE, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, HANTS, ENGLAND. IN JOURNAL OF PHOTOGRAPHIC SCIENCE, VOL. 18, SEPT.-OCT. 1970. PP.185-201. A70-45450
NR-H8-00-000-01407	INFRARED PHOTOGRAPHY. VOLUME I. REPORT BIBLIOGRAPHY JAN. 54-MAY 70. REPORT NO. DDC-TAS-70-75-1. DEFENSE DOCUMENTATION CENTER, ALEXANDRIA, VA. SEPT. 1970, 107P. MICROFORM AND HARD COPY. AD-712100 N71-11833
NR-H8-00-000-01408	RESTORING WITH MAXIMUM LIKELIHOOD. B. ROY FRIEDEN, OPTICAL SCIENCES CENTER, THE UNIVERSITY OF ARIZONA, TUCSON, ARIZ. FEB. 1971, 16P. OPTICAL SCIENCES CENTER TECHNICAL REPORT 67.
NR-H8-00-000-01409	A PASSIVE STABLE SATELLITE FOR EARTH-PHYSICS APPLICATIONS. CANNONBALL - A SATELLITE FOR ACCURATE LASER RANGING. REPORT NOS. SAO-SR-329, AND SAO-010-36A. G.C. WEIFFENBACH, AND T.E. HOFFMAN, SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS. NOV. 1970, 58P. N71-14116

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01410	SPACECRAFT SUN SENSORS, NASA SPACE VEHICLE DESIGN CRITERIA (GUIDANCE AND CONTROL). REPORT NO. NASA-SP-8047. NASA, ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. JUNE 1970, 42P. N71-17756
NR-H8-00-000-01412	SCATTERING BY A STATISTICALLY ROUGH SURFACE (PERTURBATION METHOD). S.M. RYTOV, LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF. 1970, 7P. TRANSL. FROM BOOK - (VVEDENIE V STATISTICHESKUIU RADIOFIZIKU) MOSCOW, NAUKA, 1966. PP.352-359. MICROFICHE COPY. N71-17033
NR-H8-00-000-01413	SCATTERING BY A STATISTICALLY ROUGH SURFACE (KIRCHHOFF METHOD). S.M. RYTOV, LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF. 1970, 9P. TRANSL. FROM BOOK - (VVEDENIE V STATISTICHESKUIU RADIOFIZIKU) MOSCOW, NAUKA, 1966. PP.359-369. MICROFICHE COPY. N71-16941
NR-H8-00-000-01414	DEFLECTION OF LASER BEAMS BY MEANS OF VIBRATING MIRRORS AT HIGH-FREQUENCIES FOR OPTICAL DATA RECORDING. M. HOERNER, S. MASLOWSKI, AND H. SCHUSSLER, LINCOLN LAB., MASS. INST. OF TECHNOLOGY, LEXINGTON, MASS. MAY 1970, 30P. TRANSL. OF WISSENSCHAFTLICHE BERICHTE AEG-TELEFUNKEN (W. GERMANY), V. 42, NO. 1, 1969. PP.4-12. MICROFICHE COPY. N71-17036
NR-H8-00-000-01415	RESEARCH DIRECTED TOWARD THE COLLECTION, REDUCTION AND EVALUATION OF GEOMAGNETIC FIELD DATA AND ELECTRIC FIELD PHENOMENA, ATMOSPHERIC AND TERRESTRIAL. FINAL REPORT, NOV. 67-OCT. 70. REPORT NO. AFRL-70-0656. PETER D. PREVETT, BOSTON COLLEGE, CHESTNUT HILL, MASSACHUSETTS. NOV. 1970, 64P. CONTRACT NO. F19628-68-C-0100. MICROFICHE COPY. AD-717779.
NR-H8-00-000-01416	SHAPE FROM SHADING - A METHOD FOR OBTAINING THE SHAPE OF A SMOOTH OPAQUE OBJECT FROM ONE VIEW. REPORT NO. MAC-TR-79. BERTHOLD K.P. HORN (DOCTORAL THESIS), MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. NOV. 1970, 198P. CONTRACT NO. NONR-4102(02). MICROFICHE COPY. AD-717336
NR-H8-00-000-01417	AN/PPS-18(XN-1) ULTRA RELIABLE RADAR. INTERIM DEVELOPMENT REPT. NO. 11, 1-31 DEC. 1970. J.D. FRATTURA, RCA MISSILE AND SURFACE RADAR DIV., MOORESTOWN, NEW JERSEY. JAN. 1971, 20P. CONTRACT NO. N00039-70-C-3502. MICROFICHE COPY. AD-717672
NR-H8-00-000-01419	THE INVERSE SCATTERING AND TARGET IDENTIFICATION PROBLEM. TECHNICAL REPORT. REPORT NOS. ESL-2768-4, AND AFOSR-70-2780TR. K.J. BREEDING, AND A.A. KSIENSKI, OHIO STATE UNIVERSITY, ELECTROSCIENCE LAB., COLUMBUS, OHIO. NOV. 1970, 73P. CONTRACT NO. GRANT AF-AFOSR-1710-69. MICROFICHE COPY. AD-717 747
NR-H8-00-000-01420	AN ELECTRO-MECHANICAL ACOUSTIC IMAGING SCANNER ASSEMBLY. JOHN DAVIS PEARSON (MASTER'S THESIS), U.S. NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. DEC. 1970, 38P. MICROFICHE COPY. AD-717586
NR-H8-00-000-01421	ELECTRO-OPTICAL PHOTOGRAPHY AT LOW ILLUMINATION LEVELS. HAROLD V. SOULE, RADIO CORP. OF AMERICA, ASTRO-ELECTRONICS DIV., PRINCETON, N.J. JOHN WILEY AND SONS, NEW YORK, 1968, 408P. \$15.95.
NR-H8-00-000-01422	METHODOLOGIES OF PATTERN RECOGNITION - INTERNATIONAL CONFERENCE, HONOLULU, HAWAII, JAN. 1968, PROCEEDINGS. SATOSI WATANABI, EDITOR, ACADEMIC PRESS, NEW YORK, 1969, 589P. \$16.00.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01423	SPHERICAL AND PRACTICAL ASTRONOMY AS APPLIED TO GEODESY. IVAN I. MUELLER, OHIO STATE UNIV., AND HEINRICH EICHORN, UNIV. OF SOUTH FLORIDA. FREDERICK UNGAR PUBLISHING CO., NEW YORK. 1969, 645P. \$18.50.
NR-H8-00-000-01428	OPTICS OF THE ELECTROMAGNETIC SPECTRUM. C.L. ANDREWS, CHAIRMAN, DEPT. OF PHYSICS, STATE UNIV. OF N.Y. PRENTICE-HALL, INC., ENGLEWOOD CLIFFS, NEW JERSEY. 1960, 511P. \$12.25.
NR-H8-00-000-01429	OPTICAL AND PHOTOGRAPHIC RECONNAISSANCE SYSTEMS. NIELS JENSEN, RECONNAISSANCE AND INTELLIGENCE LAB., LITTON DATA SYSTEMS DIV. JOHN WILEY AND SONS, INC., NEW YORK. 1968, 222P. \$13.95.
NR-H8-00-000-01430	ELECTROMAGNETIC ENERGY TRANSMISSION AND RADIATION. RICHARD B. ADLER, LAN JEN CHU, AND ROBERT M. FANO. THE M.I.T. PRESS, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. JOHN WILEY AND SONS, N.Y. 1960 (5TH PRINTING 1969, 638P.)
NR-H8-00-000-01431	PICTORIAL PATTERN RECOGNITION. PROCEEDINGS OF SYMPOSIUM ON AUTOMATIC PHOTOINTERPRETATION, WASHINGTON, D.C., MAY-JUNE 1967. GEORGE C. CHENG, ROBERT S. LEDLEY, DONALD K. POLLOCK, AND AZRIEL ROSENFELD, EDITORS, THOMPSON BOOK COMPANY, WASHINGTON, D.C. 1968, 530P. \$18.00.
NR-H8-00-000-01433	SYNTHETIC APERTURE RADAR SYSTEMS - THEORY AND DESIGN. ROBERT O. HARGER, DEPT. OF ELECTRICAL ENGINEERING, UNIV. OF MARYLAND. ACADEMIC PRESS, N.Y. 1970, 253P. \$13.50.
NR-H8-MH-092-01437	AERIAL SURVEYS AND INTEGRATED STUDIES. PROCEEDINGS OF THE TOULOUSE CONFERENCE, (TOULOUSE, SEPT. 1964). UNESCO, PARIS. 1968, 575P. \$23.00. UNESCO NATURAL RESOURCES RESEARCH PUBLICATION VI.
NR-H8-00-000-01440	OPTICAL FUNDAMENTALS OF UNDERWATER PHOTOGRAPHY. GONER T. MCNEIL, PRES. PHOTOGRAMMETRY INC., ROCKVILLE, MD. 1968, 120P. \$5.00.
NR-H8-00-000-01441	AERIAL DISCOVERY MANUAL. CARL H. STRANDBERG, DATA ANALYSIS CENTER, ITEX CORP., ALEXANDRIA, VA. JOHN WILEY AND SONS, INC., NEW YORK. 1967, 263P. SPIRAL BINDING. \$14.95.
NR-H8-00-000-01442	ANNOTATED BIBLIOGRAPHY OF BIBLIOGRAPHIES ON PHOTO INTERPRETATION AND REMOTE SENSING. DIETER STEINER, DEPT. OF GEOGRAPHY, UNIV. OF WATERLOO, WATERLOO, ONTARIO, CANADA. IN PHOTOGRAMMETRIA, VOL. 26, OCT. 1970. PP.143-161. A71-11379
NR-H8-00-000-01443	SYNTHETIC APERTURE OPTICS - SYMPOSIUM, TUCSON, ARIZONA, JAN. 1970, TECHNICAL PAPERS. OPTICAL SCIENCES CENTER, THE UNIVERSITY OF ARIZONA, TUCSON, ARIZONA. AUG. 1970, 93P. \$3.00. OPTICAL SCIENCES CENTER TECHNICAL REPORT 58.
NR-H8-EJ-998-01444	INTRODUCTION TO ELECTROMAGNETIC REMOTE SENSING WITH EMPHASIS ON APPLICATIONS TO GEOLOGY AND HYDROLOGY. AGI SHORT COURSE, HOUSTON, TEXAS, NOV. 1968, LECTURE NOTES. ROBERT G. REEVES, EDITOR, AMERICAN GEOLOGICAL INSTITUTE, WASHINGTON, D.C. 1968, 282P. \$8.00.
NR-H8-00-000-01445	SCATTERED RADIATION IN THE OZONE ABSORPTION BANDS AT SELECTED LEVELS OF A TERRESTRIAL, RAYLEIGH ATMOSPHERE. J.V. DAVE, AND P.M. FURUKAWA, AMERICAN METEOROLOGICAL SOCIETY, BOSTON, MASSACHUSETTS. 1966, 359P. \$10.00. METEOROLOGICAL MONOGRAPHS, VOL. 7, NO. 29, JAN. 1966.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01447	ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE, NEW YORK CITY, SEPT. 1970, PROCEEDINGS OF THE TECHNICAL PROGRAM. INDUSTRIAL AND SCIENTIFIC CONFERENCE MANAGEMENT, INC., CHICAGO, ILLINOIS. 1970, 995P. \$19.50.
NR-H8-00-000-01448	VISUAL AIRBORNE TARGET LOCATION SYSTEMS. FINAL REPT. ON MATERIEL TEST PROCEDURE. REPORT NO. MTP-6-3-320. U.S. ARMY TEST AND EVALUATION COMMAND, ABERDEEN PROVING GROUND, MARYLAND. MAY 1970, 32P. CONTRACT NO. DA-18-001-AMC-1045(R). MICROFICHE COPY. AD-872675
NR-H8-00-000-01449	TEMPORAL WAVEFORM CLASSIFICATION USING SELECTED PATTERN RECOGNITION TECHNIQUES. FINAL REPORT. REPORT NO. AFOSR-70-2762TR. ERNEST G. HENRICHON, JR., INFOTON INC., BURLINGTON, MASS. NOV 1970, 93P. CONTRACT NO. F44620-70-C-0048. MICROFICHE COPY. AD-717754
NR-H8-00-000-01450	ABSORPTION ET CONTRASTE EN RADIOGRAPHIE-ECLAIR. (ABSORPTION AND CONTRAST IN X-RAY FLASH PHOTOGRAPHY). F. JAMET, AND G. THOMER, INSTITUT FRANCO-ALLEMAND DE RECHERCHES, SAINT-LOUIS, FRANCE 1969, 49P. IN FRENCH, SUMMARY IN GERMAN. N71-13146.
NR-H8-00-000-01451	THE CHARACTERISTICS OF PICTURE QUALITY OF PHOTOGRAPHS. REPORT NO. NLL-T-6267-(5809.95). RUDOLF REUTHER, AND JOHANNES RUDOLPH, SCIENTIFIC-PHOTOGRAPHIC INSTITUTE, TECHNICAL UNIV., DRESDEN, GERMANY. TRANSL. FROM - ZEITSCHRIFT WISSENSCHAFT PHOTOGRAPHIE PHOTOPHYSIK PHOTOCHEM (LEIPZIG), VOL. 61, NO. 7/9, 1967. PP.125-144. N69-41395
NR-H8-00-000-01453	RADIOMETER ZUR QUANTITAVIVEN AUSWERTUNG KURZZEITIGER ELEKTROMAGNETISCHER STRAHLUNG IM BEREICH 50-500 MHZ. (RADIOMETER FOR THE QUANTITATIVE EVALUATION OF SHORT-TIME ELECTROMAGNETIC RADIATION IN THE RANGE 50-500 MHZ). REPORT NO. T-30/69. G. SCHULTZE, AND PH. RATEAU, INSTITUT FRANCO-ALLEMAND DE RECHERCHES, ST. LOUIS, FRANCE. 1969, 49P. IN GERMAN, SUMMARY IN FRENCH. N71-13144
NR-H8-00-000-01454	AMPLITUDE SCINTILLATION STUDY. FINAL TECHNICAL REPORT. REPORT NOS. FSC-F/166, AND RADC-TR-68-416-VOL-2. MARK R. WEISS, THOMAS W. PARSONS, AND JOSEPH H. FLINK, FEDERAL SCIENTIFIC CORP., NEW YORK CITY. FEB. 1970, 328P. CONTRACT NO. AF 30(602)-4222. MICROFICHE COPY. AD-702131 N70-28349
NR-H8-00-000-01455	AEROSOL SCATTERING IN THE NEAR-EARTH LAYER OF ATMOSPHERE. K.P. KUTSENOGII, LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF. 1970, 8P. TRANSL. FROM PRIKLADNAIA MEKHANIKA I TEHNICHESKII FIZIKA (USSR), NO. 4, 1970. PP.180-185. MICROFICHE COPY. N71-16923
NR-H8-00-000-01456	OPTICAL IMAGING OF ULTRASONIC FIELDS BY ACOUSTIC BRAGG DIFFRACTION. ADRIANUS KORPEL (DOCTORAL DISSERTATION), TECHNISCHE HOOGESCHOOL, AFDELING DER TECHNISCHE NATUURKUNDE, DELFT, THE NETHERLANDS. 1969, 198P. MICROFICHE COPY. A71-19575
NR-H8-00-000-01460	APPLICATION OF THE OPTICAL TRANSFER FUNCTION IN ELECTRO OPTICAL SYSTEMS. REPORT NOS. MS-2607, AND FSD-TR-70-166. DENNIS KELSALL, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LINCOLN LABORATORY, LEXINGTON, MASS. 1969, 8P. IN SPIE ANNUAL TECHNICAL SYMPOSIUM, 14TH, PROCEEDINGS, 1969. PP.3-9. CONTRACT NOS. AF19(628)-5167, AND ARPA ORDER-600. MICROFICHE COPY. AD-708 602

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01462	MUSAT IV, VOLUME 1. FINAL TECHNICAL REPORT, JUNE 67-NOV. 70. REPORT NO. ETL-CR-70-6-VOL-1. ATEF A. ELASSAL, RONALD K. BREWER, GORDON GRACIE, AND MICHAEL A. CROMBIE, RAYTHEON COMPANY, AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. NOV. 1970, 159P. CONTRACT NO. DAAK02-67-C-0592. MICROFICHE COPY. AD-717105
NR-H8-00-000-01463	MUSAT IV. VOLUME 2 - OPERATION MANUAL. REPORT FOR JUNE 67-NOV. 70. REPORT NO. ETL-CR-70-6-VOL-2. ATEF A. ELASSAL, AND RONALD K. BREWER, RAYTHEON CO., AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. NOV. 1970, 62P. CONTRACT NO. DAAK02-67-C-0592. MICROFICHE COPY. AD-717106
NR-H8-00-000-01464	AN ADVANCED AUTOMATIC TELESCOPE COMPUTER CONTROL PROGRAM. REPORT OF THE MOUNT HALEAKALA OBSERVATORY. REPORT NO. REPT-1386-27-T. J.D. ERICKSON, P. TANNER, AND C. FUJII, UNIVERSITY OF MICHIGAN, WILLOW RUN LABS., ANN ARBOR, MICH. AUG. 1970, 202P. CONTRACT NO. DAHC15-68-C-0144. MICROFICHE COPY. AD-710414 N70-42822
NR-H8-00-000-01465	ADVANCED DIGITAL PROCESSING TECHNIQUES. FINAL REPORT. REPORT NO. RADC-TR-70-75. IRA M. LANGENTHAL, AND SANKARAN GOWRINATHAN, SIGNAL ANALYSIS INDUSTRIES CORP., HAUPPAUGE, N.Y. MAY 1970, 112P. CONTRACT NO. F30602-69-C-0119. MICROFICHE COPY. AD-708738 N70-40680
NR-H8-00-000-01466	AIRBORNE RADIAC. PROGRESS REPORT PROBLEM HO1-32, 1 JULY-31 DEC. 1969. REPORT NO. NRL-MR-2131. CHARLES W. PETERS, ALLEN L. SNYDER, AND ODELL RHUE, U.S. NAVAL RESEARCH LAB., WASHINGTON, D.C. APRIL 1970, 22P. MICROFICHE COPY. AD-707997 N70-39625
NR-H8-00-000-01467	ALTIMETRY - A LITERATURE REVIEW AND BIBLIOGRAPHY, FINAL REPORT (PHASE I). REPORT NOS. FAA-RD-70-52, AND FAA-NA-70-19. JACK J. SHRAGER, NATIONAL AVIATION FACILITIES EXPERIMENTAL CENTER, ATLANTIC CITY, NEW JERSEY. SEPT. 1970, 104P. MICROFICHE COPY. N70-41197 AD-713 010
NR-H8-00-000-01468	ANALYSIS OF RESULTS OF SPECTROPHOTOMETRIC MEASUREMENT OF THE CREPUSCULAR HALO OF TERRESTRIAL ATMOSPHERE FROM SOYUS-5 SPACESHIP. TRANSL. FROM THE RUSSIAN. REPORT NO. FTD-MT-24-442-69. K. YA. KONDRATEV, B.V. VOLYNOV, ET AL., AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AFB, OHIO. FOREIGN TECHNOLOGY DIV. FEB. 1970, 22P. SOURCE - NOT AVAILABLE, PAGES 1-23. MICROFICHE COPY. AD-703547 N70-32636
NR-H8-00-000-01469	ANNOTATED MICROPROGRAMMING BIBLIOGRAPHY (1951 TO 1970). REPORT NOS. M69-65, AND ESD-TR-70-204. THOMAS P. BERSCHBACK, MITRE CORP, BEDFORD, MASS. JULY 1970, 73P. CONTRACT NO. F19628-68-C-0365. MICROFICHE COPY. AD-709765 N70-42946
NR-H8-00-000-01470	PHOTODETECTORS FOR THE 0.1 MICROMETER TO MICROMETER SPECTRAL REGION. REPORT NOS. TR-0059(9230-20)-1, AND SAMSO-TR-71-14. DAVID H. SEIB, AND LEE W. ALKERMAN, ELECTRONICS RESEARCH LAB., AEROSPACE CORP., LAB. OPERATIONS, EL SEGUNDO, CALIF. JAN. 1971, 212P. CONTRACT NO. F04701-70-C-0059. MICROFICHE COPY. AD-718096
NR-H8-00-000-01471	ABSORPTION OF SOUND IN AIR. FINAL REPORT, JUNE 69-JUNE 70. REPORT NOS. WR-70-14, AND AROD-8725.2-E. L.B. EVANS, AND L.C. SUTHERLAND, WYLE LABS., INC., HUNTSVILLE, ALABAMA. JULY 1970, 80P. CONTRACT NO. DAHC04-69-C-0088. MICROFICHE COPY. AD-710291 N70-43062

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01472	AN APPROACH TO ARTIFICIAL NONSYMBOLIC COGNITION. REPORT NOS. R-478, AND UIIU-ENG-70-223. FRANCO P. PREPARATA, AND SYLVIAN R. RAY, COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS, URBANA, ILL. JULY 1970, 36P. CONTRACT NOS. DAAB07-67-C-0199, AND OE-C-1-7-071213-4557. MICROFICHE COPY. AD-709332, N70-42210
NR-H8-00-000-01474	AERONAUTICAL APPLICATIONS OF HOLOGRAPHIC INTERFEROMETRY. JAMES HOWARD HOLDS (MASTER'S THESIS), U.S. NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. JUNE 1967, 44P. MICROFICHE COPY. AD-816056
NR-H8-00-000-01476	AERIAL CAMERA LENSES TYPE 1 - AERIAL RECONNAISSANCE, TYPE 2-AERIAL MAPPING. REPORT NO. AFAL-RAH-RC-027000. DATA CORPORATION, DAYTON, OHIO. 1967, 385P. CONTRACT NO. AF33(657)-14443. MICROFICHE COPY. AD-824353 X68-82804
NR-H8-00-000-01477	MUSAT IV. VOLUME 3 - PROGRAM DOCUMENTATION. REPORT FOR JUNE 67-NOV. 70. REPORT NO. ETL-CR-70-6-VOL-3. ATEF A. ELASSAL, RAYTHEON CO., AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. NOV. 1970, 204P. CONTRACT NO. DAAK02-67-C-0592. MICROFICHE COPY. AD-717107
NR-H8-00-000-01478	KODAK FILTERS FOR SCIENTIFIC AND TECHNICAL USE. REPORT NO. KODAK BOOK NO. B-3. EASTMAN KODAK COMPANY, ROCHESTER, N.Y. 1970, 90P. \$2.00.
NR-H8-00-000-01481	ATMOSPHERIC EMISSIONS - NATO ADVANCED STUDY INSTITUTE, AS, NORWAY, JULY-AUG. 1968, PROCEEDINGS. BILLY M. MCCORMAC, LOCKHEED PALO ALTO RESEARCH LABORATORY, PALO ALTO, CALIF., AND ANDERS OMHOLT, EDITORS, UNIV. OF OSLO, OSLO, NORWAY. VAN NOSTRAND REINHOLD COMPANY, NEW YORK. 1969, 574P. \$24.95.
NR-H8-00-000-01482	THE PHYSICS OF MICROWAVE PROPAGATION. DONALD C. LIVINGSTON, BAYSIDE RESEARCH CENTER, GENERAL TELEPHONE AND ELECTRONICS LAB., INC. PRENTICE-HALL, ENGLEWOOD CLIFFS, N.J. 1970, 215P. \$13.95.
NR-H8-00-000-01483	PICTURE PROCESSING BY COMPUTER. AZRIEL ROSENFELD, COMPUTER SCIENCE CENTER, UNIV. OF MARYLAND, COLLEGE PARK, MD. ACADEMIC PRESS, NEW YORK. 1969, 206P. \$11.50.
NR-H8-00-000-01484	ELECTROMAGNETIC SENSING OF THE EARTH FROM SATELLITES, SYMPOSIUM, CORAL GABLES, FLORIDA, NOV. 1965, PROCEEDINGS. RALPH ZIRKIND, EDITOR. POLYTECHNIC PRESS OF THE POLYTECHNIC INSTITUTE OF BROOKLYN, BROOKLYN, N.Y. 1967, 386P. \$10.00. (CONTAINS 26 OR MORE PAPERS PERTINENT TO THIS FIELD).
NR-H8-00-000-01485	PRINCIPLES OF HIGH-RESOLUTION RADAR. AUGUST W. RIHACZEK, TECHNOLOGY SERVICE CORP., SANTA MONICA, CALIF. MCGRAW-HILL BOOK COMPANY, NEW YORK. 1969, 510P. \$19.50.
NR-H8-00-000-01486	HANDBOOK OF RADAR MEASUREMENT. DAVID K. BARTON, AND HAROLD R. WARD, RAYTHEON COMPANY, PRENTICE-HALL, INC., ENGLEWOOD CLIFFS, NEW JERSEY. 1969, 441P. \$18.00.
NR-H8-00-000-01491	ATLAS OF PHOTOGRAMMETRIC INSTRUMENTS. V.J. CIMERMAN, UNIV. OF SKOPJE, YUGOSLAVIA, AND Z. TOMASEGOVIC, UNIV. OF ZAGREB, YUGOSLAVIA. ELSEVIER PUBLISHING COMPANY, NEW YORK. 1970, 224P. \$32.00.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01493	OPTICAL AND ELECTRO-OPTICAL INFORMATION PROCESSING. SYMPOSIUM ON OPTICAL AND ELECTRO-OPTICAL INFORMATION PROCESSING TECHNOLOGY, BOSTON, MASS., NOV. 1964, PROCEEDINGS. EDITORS - JAMES T. TIPPETT, DAVID A. BERKOWITZ, LEWIS C. CLAPP, CHARLES J. KOESTER, AND ALEXANDER VANDERBURGH, JR., MASSACHUSETTS INSTITUTE OF TECHNOLOGY PRESS, CAMBRIDGE, MASS. 1965, 795P. \$30.00.
NR-H8-00-000-01495	INFRARED SYSTEM ENGINEERING. RICHARD D. HUDSON, JR., INFRARED LABORATORIES, HUGHES AIRCRAFT COMPANY, WOODLAND HILLS, CALIF. JOHN WILEY AND SONS, NEW YORK, 1969, 666P. \$19.75.
NR-H8-00-000-01496	REFLECTANCE SPECTROSCOPY, PRINCIPLES, METHODS, APPLICATIONS. GUSTAV KORTUM, TUBINGEN, GERMANY. TRANSLATED FROM THE GERMAN BY JAMES E. LOHR, PHILADELPHIA. SPRINGER-VERLAG, NEW YORK INC., 1969, 372P. \$21.50.
NR-H8-00-000-01498	USE FACTORS INFLUENCING THE DESIGN OF MULTIPURPOSE EARTH RESOURCE SATELLITES. W.A. FISCHER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN INTERNATIONAL ASTRONAUTICAL FEDERATION, CONGRESS, 19TH, NEW YORK CITY, OCT. 1968, PROCEEDINGS, VOL. 1 (EDITED BY MICHAEL LUNC. OXFORD, PERGAMON PRESS, 1970). PP.135-138. A70-45005
NR-H8-00-000-01500	REMOTE SENSING OF ENVIRONMENT. JAMES P. LATHAM. IN GEOGRAPHICAL REVIEW, VOL. 56, NO. 2, 1966. PP.288-291.
NR-H8-00-000-01502	DESIGN AND DEVELOPMENT OF A FAST SCAN INFRARED DETECTION AND MEASUREMENT INSTRUMENT. REPORT NO. TECH. BRIEF-71-10022. R. VANZETTI, A.S. DOSTOOMIAN, RAYTHEON CO., WAYLAND, MASS., AND L. HAMITER, M. NOWAKOWSKI, NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, MARSHALL SPACE FLIGHT CENTER, ALABAMA. ATTN - T.U. OFFICE. JAN. 1971, 45P. CONTRACT NO. NAS8-11604.
NR-H8-00-000-01503	ULTRAVIOLET INTERFEROMETER. REPORT NO. TECH. BRIEF-71-10026. R.A. DAY, UNIVERSITY OF OKLAHOMA. TECHNOLOGY UTILIZATION OFFICE, NASA HEADQUARTERS, WASH., D.C. JAN. 1971, 2P.
NR-H8-00-000-01504	RESOLUTION, PRECISION AND ACCURACY. (WITH APPLICATION TO SATELLITE GEODESY). FRANK L. CULLEY, U.S. ARMY TOPOGRAPHIC COMMAND, WASHINGTON, D.C. PRESENTED TO THE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC DISTANCE MEASUREMENT AND ATMOSPHERIC REFRACTION, BOULDER, COLO., JUNE 1969, 7P.
NR-H8-00-000-01505	COLOR PICTURES FROM MONOCHROME TRANSPARENCIES. F.C. EISEN, C.N. KURTZ, AND G.C. HIGGINS, EASTMAN KODAK COMPANY, RESEARCH LABORATORIES, ROCHESTER, NEW YORK. RECEIVED FEB. 1971, 24P. ORAL PRESENTATION.
NR-H8-00-000-01506	SYSTEM FOR ALGORITHMIC CONSTRUCTION OF SIGNAL WAVEFORMS WITH OPTIMAL AUTOCOVARANCE PROPERTIES. REPORT NO. CONTRIBUTION-345. NORMAN W. LORD, HUDSON LABS., COLUMBIA UNIVERSITY, DOBBS FERRY, N.Y. OCT. 1969, 20P. IN JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, VOL. 46, NO. 4, OCT. 1969. PP.840-858. AD-719941
NR-H8-00-000-01507	EXPERIMENTAL INVESTIGATION OF THE RESOLUTION CAPABILITY OF MICROWAVE ULTRASONIC-BEAM VISUALIZATION TECHNIQUES USING BRAGG DIFFRACTION OF A LASER BEAM. C.S. TSAI, CARNEGIE-MELLON UNIV., PITTSBURGH, PA., AND H.V. HANCE, LOCKHEED PALO ALTO RESEARCH LAB., PALO ALTO, CALIF. LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF., LOCKHEED RESEARCH LAB. MAY 1970, 9P. IN JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, VOL. 48, NO. 5, PART 2, NOV, 1970. PP.1110-1118. AD-718947



SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01509	THE SCATTERING OF ELECTROMAGNETIC WAVES FROM ROUGH SURFACES. PETER BRÜCKMANN, CZECHOSLOVAK ACADEMY OF SCIENCES, PRAGUE, AND ANDRÉ SPIZZICHINO, CENTRE NATIONAL D'ETUDES DES TELECOMMUNICATIONS, PARIS. MACMILLAN COMPANY, NEW YORK. 1963, 513P. \$15.00.
NR-H8-00-000-01511	ELEMENTARY PHOTOGRAMMETRY. FIRST AMERICAN EDITION 1968. WITH APPENDIX II. D.R. CRONE, ADDRESS UNKNOWN. FREDERICK UNGAR PUBLISHING CO., NEW YORK. 1968, 205P. \$6.50.
NR-H8-00-000-01512	DAYLIGHT AND ITS SPECTRUM. S.T. HENDERSON, BRITISH LIGHTING INDUSTRIES, LTD. AMERICAN ELSEVIER, N.Y. 1970, 287P. \$15.75.
NR-H8-00-000-01514	INFRARED RADIATION. HENRY L. HACKFORTH, NORTHROP CORP., NORTONICS DIV. MCGRAW-HILL BOOK CO., INC., NEW YORK. 1960, 314P. \$15.00. (XEROX COPY)
NR-H8-00-000-01515	RADAR FUNDAMENTALS. GERSHON J. WHEELER, SYLVANIA ELECTRONIC SYSTEMS, ADVANCED SYSTEMS TECHNOLOGY DEPT. PRENTICE-HALL, INC., ENGLEWOOD CLIFFS, NEW JERSEY. 1967, 118P. \$7.95.
NR-H8-00-000-01517	SIGNAL PROCESSING IN THE PRESENCE OF SIGNAL-DEPENDENT NOISE. JOHN G. THUNEN, OPTICAL SCIENCES CENTER, THE UNIV. OF ARIZONA, TUCSON, ARIZ. MARCH 1971, 67P. OPTICAL SCIENCES CENTER TECHNICAL REPORT 65.
NR-H8-00-000-01518	AN ANNOTATED BIBLIOGRAPHY OF SPECTRAL ANALYSIS AND AERIAL PHOTOGRAPHIC APPLICATION TO PLANT SPECIES IDENTIFICATION AND DISEASE DETECTION. PART OF THE 1965 HONORS PROGRAM REPORT, DEPT. OF FORESTRY. B.S. NELSON, IOWA STATE UNIVERSITY, DEPT. OF FORESTRY, AMES, IOWA. 1965, 19P.
NR-H8-00-000-01519	SEQUENTIAL STRUCTURE AND PARAMETER-ADAPTIVE PATTERN RECOGNITION. PART 1. SUPERVISED LEARNING. REVISION OF REPORT DATED OCT. 1969. REPORT NO. AFOSR-TR-71-0280. D.G. LAINIOTIS, UNIVERSITY OF TEXAS, ELECTRONICS RESEARCH CENTER, AUSTIN, TEXAS. MARCH 1970, 11P. IN IEEE TRANSACTIONS ON INFORMATION THEORY, VOL. IT16, NO. 5, SEPT. 1970. PP.548-556. CONTRACT NOS. GRANTS AF-AFOSR-766-67, AND AF-AFOSR-1764-69. AD-719153
NR-H8-00-000-01522	PROGRESS IN ELECTRONIC SURVEYING. L.E. WOOD, ESSA, RESEARCH LABORATORIES, HOULDER, COLO. IN EOS, VOL. 52, NO. 3, MARCH 1971. PP.1UGG17-1UGG21.
NR-H8-00-000-01525	REDUCTION OF SATELLITE PHOTOGRAPHIC PLATES, COSPAR, COLLOQUIUM, PRAGUE, CZECHOSLOVAKIA, APRIL 1968, PROCEEDINGS. JEAN KOVALEVSKY, BUREAU DES LONGITUDES, PARIS, FRANCE, AND GEORGE VEIS, EDITORS, COSPAR SECRETARIAT, PARIS. COSPAR SECRETARIAT, PARIS. 1970, 290P. \$10.00. IN ENGLISH OR FRENCH. COSPAR TRANSACTIONS NO. 7. A70-26179 THRU 26200
NR-H8-00-000-01526	AUTOMATIC INTERPRETATION AND CLASSIFICATION OF IMAGES. A NATO ADVANCED STUDY INSTITUTE. A. GRASELLI, EDITOR, UNIVERSITA DI PISA, PISA, ITALY. ACADEMIC PRESS, NEW YORK. 1969, 447P. \$14.00.
NR-H8-00-000-01527	IMAGE FORMATION AND COGNITION. MARDI JON HOROWITZ, UNIV. OF CALIF. SCHOOL OF MEDICINE, SAN FRANCISCO, CALIF. APPLETON-CENTURY-CROFTS, NEW YORK. 1970, 368P. \$12.50.

Reproduced from  
best available copy. 

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01528	IR, THEORY AND PRACTICE OF INFRARED SPECTROSCOPY. 2ND EDITION. NELSON L. ALPERT, INSTRUMENTATION CONSULTANT, STAMFORD, CONN., WILLIAM E. KEISER, OPTICAL TECHNOLOGY DIV., PERKIN-ELMER CORP., DANBURY, CONN., AND HERMAN A. SZYMANSKI, ALLIANCE COLLEGE, CAMBRIDGE SPRINGS, PA. PLENUM PRESS, NEW YORK. 1970, 394P. \$18.50.
NR-H8-00-000-01529	VISIBILITY IN THE ATMOSPHERE. REPORT NO. FSTC-HT-23-052-71. V.A. GAVRILOV, ADDRESS UNKNOWN. ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, CHARLOTTESVILLE, VA. JAN. 1971, 389P. TRANSL. OF MONOGRAPH, VIDIMOST V ATMOSPHERE, GIDROMERLOGICHE-SKOE IZD., LENINGRAD, 1966, 323P. MICROFICHE COPY. AD-719502
NR-H8-00-000-01530	NETWORKS OF CONSTRAINTS - FUNDAMENTAL PROPERTIES AND APPLICATIONS TO PICTURE PROCESSING. REPORT NO. AFOSR-TR-71-0322. UGO MONTANARI, CARNEGIE-MELLON UNIV., DEPT. OF COMPUTER SCIENCE, PITTSBURGH, PENNSYLVANIA. JAN. 1971, 57P. CONTRACT NO. F44620-70-C-0107. MICROFICHE COPY. AD-718994
NR-H8-00-000-01531	AN ATLAS OF AIR ABSORPTIONS IN THE INFRARED. INTERIM REPORT. REPORT NO. REPT. NO. 243. D.J. LOVELL, DEPT. OF PHYSICS AND ASTRONOMY, UNIV. OF MASSACHUSETTS, AMHERST. JUNE 1969, 84P. FOUR-COLLEGE CONTRIBUTION-49. CONTRACT NO. N00014-67-A-0230-0002. MICROFICHE COPY. AD-719919
NR-H8-00-000-01533	STOCHASTIC AUTOMATA, STOCHASTIC LANGUAGES, AND PATTERN RECOGNITION. REPORT NO. AFOSR-TR-71-0583. K.S. FU, PURDUE UNIVERSITY, SCHOOL OF ELECTRICAL ENGINEERING, LAFAYETTE, INDIANA. DEC. 1970, 30P. PRESENTED AT IEEE SYMPOSIUM ON ADAPTIVE PROCESSES, 9TH, AUSTIN, TEXAS, DEC. 1970. 30P. CONTRACT NOS. GRANTS NSF-GK-18225, AND AF-AFOSR-1776-69. MICROFICHE COPY. AD-719801
NR-H8-00-000-01534	METASCOPE - INFRARED, IMAGE-FORMING. MATERIEL TEST PROCEDURE. REPORT NO. MTP-10-3-107. U.S. ARMY TEST AND EVALUATION COMMAND, ABERDEEN PROVING GROUND, MARYLAND. MARCH 1968, 26P. MICROFICHE COPY. AD-719220
NR-H8-00-000-01535	METASCOPES - INFRARED, IMAGE-FORMING. MATERIEL TEST PROCEDURE. REPORT NO. MTP-10-2-107. U.S. ARMY TEST AND EVALUATION COMMAND, ABERDEEN PROVING GROUND, MARYLAND. MARCH 1968, 49P. MICROFICHE COPY. AD-719185
NR-H8-00-000-01537	A SURVEY OF PATTERN CLASSIFICATION AND SCENE ANALYSIS. TECHNICAL REPORT. RICHARD O. DUDA, AND PETER E. HART, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA. JAN. 1971, 90P. CONTRACT NO. N00014-68-C-0266. MICROFICHE COPY. AD-718380
NR-H8-00-000-01538	APPLICATION OF FOURIER TECHNIQUES TO IMAGE EVALUATION. REPORT NOS. TR-0059(6311)-2, AND SAMSO-TR-71-20. WILLIAM E. STÖLZNER, ELECTRONICS DIVISION, AEROSPACE CORP., ENGINEERING SCIENCE OPERATIONS, EL SEGUNDO, CALIF. OCT. 1970, 71P. CONTRACT NO. FO4701-70-C-0059. MICROFICHE COPY. AD-718095
NR-H8-00-000-01539	FLASH UNIT, ELECTRONIC. MATERIEL TEST PROCEDURE. REPORT NO. MTP-6-2-089. U.S. ARMY TEST AND EVALUATION COMMAND, ABERDEEN PROVING GROUND, MARYLAND. AUG. 1968, 14P. MICROFICHE COPY. AD-718609

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01540	THE BAYESIAN APPROACH TO IDENTIFICATION OF A REMOTELY SENSED ENVIRONMENT. SPECIAL INTERIM TECH. REPT. REPORT NO. CRES TR-133-9. ROBERT HARALICK, UNIV. OF KANSAS, CENTER FOR RESEARCH, LAWRENCE, KANS. JULY 1969, 69P. CONTRACT NOS. DAAK02-68-C-0089, AND ARPA ORDER-1079. MICROFICHE COPY. AD-860060
NR-H8-00-000-01541	BIBLIOGRAPHY ON TROPIC PROOFING OF OPTICAL INSTRUMENTS. TECHNICAL NOTE. REPORT NOS. RRE-TN-747, AND TRC-BR-17773. P.W. BAKER, ROYAL RADAR ESTABLISHMENT, MALVERN, ENGLAND. OCT. 1969, 6P. MICROFICHE COPY. AD-708 626 N70-42761
NR-H8-00-000-01542	BOUNDS ON THE COMPLEXITY OF GRAMMARS. REPORT NO. TR-70-114. JAMES W. SNIVELY, JR., MARYLAND UNIVERSITY, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. MAY 1970, 76P. CONTRACT NO. NONR-5144(00). MICROFICHE COPY. AD-707755 N70-40302
NR-H8-00-000-01543	SURVEY OF ARTIFICIAL INTELLIGENCE. FINAL REPORT. PETER E. HART, AND RICHARD O. DUDA, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA. JAN. 1971, 9P. CONTRACT NO. N00014-68-C-0266. MICROFICHE COPY. AD-718381
NR-H8-00-000-01545	COMPUTER ANALYSIS OF MULTI-CHANNEL SEM AND X-RAY IMAGES FROM FINE PARTICLES. REPORT NO. TR-3. E.W. WHITE, K. MAYBERRY, AND G.G. JOHNSON, JR., PENNSYLVANIA STATE UNIV., MATERIALS RESEARCH LAB., UNIVERSITY PARK, PA. DEC. 1970, 96P. CONTRACT NO. N00014-67-A-0385-0007. MICROFICHE COPY. AD-718 562 N71-19445
NR-H8-00-000-01546	RADAR MEASUREMENT OF PRECIPITATION RATE. REPORT NO. TT-69-55101 A.M. BOROVNIKOV, V.V. KOSTAREV, EDITORS (ALSO AUTHORS) TRANSL. BY - ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS, LTD., JERUSALEM. 1970, 116P. TRANSL. OF - RADILOKATSIONNYE IZMERENIYA OSADKOV. LENINGRAD, GIDROMETEOROLOGICHESKOE IZD. 1967. MICROFICHE COPY N71-15560 W71-0527
NR-H8-00-000-01549	PHOTOCLINOMETRY FROM SPACECRAFT IMAGES. KENNETH WATSON, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1968, 12P. GEOLOGICAL SURVEY PROFESSIONAL PAPER 599-B
NR-H8-00-000-01552	HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES, 4TH, HONOLULU, JAN. 1971, PROCEEDINGS. SHU LIN, EDITOR. WESTERN PERIODICALS CO., NORTH HOLLYWOOD, CALIF. 1971, 779P. \$42.
NR-H8-00-000-01559	COLOUR FILMS. THE TECHNIQUE OF WORKING WITH COLOUR MATERIAL 4TH REVISED EDITION. C. LESLIE THOMSON, CHILTON BOOK COMPANY, PHILADELPHIA, PA. 1969, 278P. \$10.95
NR-H8-00-000-01560	PHOTOGRAPHIC SENSITOMETRY - THE STUDY OF TONE REPRODUCTION. HOLLIS N. TODD, AND RICHARD D. ZAKIA, ROCHESTER INSTITUTE OF TECHNOLOGY, ROCHESTER, N.Y. MORGAN AND MORGAN, INC., PUBLISHERS, HASTINGS-ON-HUDSON, N.Y. 1969, 317P. \$9.95.
NR-H8-00-000-01561	THE SCATTERING OF LIGHT AND OTHER ELECTROMAGNETIC RADIATION. MILTON KERKER, DEPT. OF CHEMISTRY, CLARKSON COLLEGE OF TECHNOLOGY, POTSDAM, NEW YORK, ACADEMIC PRESS, NEW YORK. 1969, 681P. \$33.50
NR-H8-00-000-01562	UNIVERSITY OF ILLINOIS AIR PHOTO REPOSITORY CATALOG. COMMITTEE ON AERIAL PHOTOGRAPHY, UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN, CHAMPAIGN, ILLINOIS. DEC. 1970, 124P.
NR-H8-00-000-01563	DATA HANDLING DEVICES - AGARD AVIONICS PANEL 20TH TECHNICAL MEETING, ISTANBUL, TURKEY, JUNE 1970, PROCEEDINGS. IRVING GABELMAN, EDITOR. J.A. RAJCHMAN, E.I. BOSCH, C.R. SMITH, ET AL. NATO, ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, PARIS, FRANCE, NOV. 1970, 368P. MICROFICHE AND HARD COPY. AD-715855, N71-13826, N71-13854.

## SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01564	RECONNAISSANCE REFERENCE MANUAL, 1969. RECONNAISSANCE LABORATORY, MCDONNELL AIRCRAFT CO., ST. LOUIS, MO. 1969, 200P. 10X13 CM.
NR-H8-00-000-01565	SPECIFICATION FOR AIR SURVEY PHOTOGRAPHY, 1967 (AMENDED TO JAN. 1970). INTERDEPARTMENTAL COMMITTEE ON AIR SURVEYS, DEPT. OF ENERGY, MINES AND RESOURCES, OTTAWA, CANADA. 1970 45P.
NR-H8-00-000-01566	KODAK COLOR FILMS. 5TH EDITION. REPORT NO. KODAK PUBLICATION NO. E-77 EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1964, 75P. \$1.
NR-H8-00-000-01567	COLOR AS SEEN AND PHOTOGRAPHED. 2ND EDITION. REPORT NO. KODAK PUBLICATION N. E-74 EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1966, 68P. \$1.
NR-H8-00-000-01568	KODAK PLATES AND FILMS FOR SCIENCE AND INDUSTRY. REPORT NO. KODAK PUBLICATION NO. P-9 EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1967, 76P. \$1.
NR-H8-00-000-01569	KODAK AERIAL EXPOSURE COMPUTER. DESIGNED FOR USE WITH KODAK AERIAL FILMS AND WRATTEN FILTERS. REPORT NO. KODAK PUBLICATION NO. R-10. EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1960, 6-PAGE FOLDER \$2.50.
NR-H8-00-000-01570	PHOTOGRAPHY FROM SMALL AIRCRAFT AND HELICOPTERS. REPORT NO. KODAK PAMPHLET NO. M-5 EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1967, 15P.
NR-H8-00-000-01571	FILTERS FOR BLACK-AND-WHITE AND COLOR PICTURES. 7TH EDITION. REPORT NO. KODAK PUBLICATION NO. AB-1 EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1969, 44P. \$.95.
NR-H8-00-000-01572	OPTICAL FILTERS. REPORT NO. A-1650 BARR AND STROUD LIMITED LONDON. APRIL 1970, 27P. AVAILABLE FROM-NATIONAL INSTRUMENT LAB., INC., 12300 PARKLAWN DR., ROCKVILLE, MD., 20852.
NR-H8-00-000-01573	RACOMS REPRODUCTION MODULE. ENGINEER DESIGN TEST REPORT. REPORT NO. ETL-ETR-71-1. GUY N. STOCKWELL, U.S. ARMY ENGINEER TOPOGRAPHIC LAB., FORT BELVOIR, VA. MARCH 1971, 104P.
NR-H8-00-000-01574	THE MEASUREMENT OF COLOUR. W.D. WRIGHT, IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY, LONDON. VAN NOSTRAND REINHOLD CO. N.Y. 1969, 350P. \$13.50.
NR-H8-00-000-01575	ACOUSTIC METHODS FOR THE REMOTE PROBING OF THE LOWER ATMOSPHERE. C. GORDON LITTLE, ESSA RESEARCH LAB., BOULDER, COLO. IN-IEEE PROCEEDINGS, VOL. 57, NO. 4, APRIL 1969, P. 571-578.
NR-H8-00-000-01578	FILTER DATA FOR KODAK COLOR FILMS. REPORT NO. KODAK PAMPHLET NO. E-23 EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK 1968, 8P.
NR-H8-00-000-01579	SPECIFICATIONS AND CHARACTERISTICS OF KODAK AERIAL FILMS. REPORT NO. KODAK PUBLICATION NO. M-57L EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1970, 4-PAGE FOLDER
NR-H8-00-000-01580	KODAK TECH BITS. A PUBLICATION FOR SCIENTISTS AND ENGINEERS SPECIAL ISSUE NO. 2. REPORT NO. KODAK PERIODICAL NO. P-3-SP2 EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK 1968, 25P.
NR-H8-00-000-01581	KODAK FILTERS FOR SCIENTIFIC AND TECHNICAL USES. REPORT NO. KODAK PUBLICATION NO. B-3 EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1970, 90P. \$2.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01582	INFRARED (INCLUDES 'CALCULATION OF RADIANT FLUX DENSITY'). INFRARED INDUSTRIES INC., WALTHAM, MASS. N.D. 16P.
NR-H8-00-000-01584	THE MEASUREMENT OF ENVIRONMENTAL FACTORS IN TERRESTRIAL ECOLOGY. THE BRITISH ECOLOGICAL SOCIETY SYMPOSIUM, 8TH READING, MARCH 1967. R.M. WADSWORTH, EDITOR, UNIV. OF READING, ENGLAND. BLACKWELL SCIENTIFIC PUBLICATIONS, OXFORD ENG. 1968, 324P. \$9.50.
NR-H8-00-000-01585	PHOTOGRAPHY AND NAVIGATION, INTERNATIONAL SYMPOSIUM, COLUMBUS, OHIO, MAY 1970. SANJIB K. GHOSH, EDITOR. OHIO STATE UNIV. BOOK STORES, COLUMBUS, OHIO. 1971, 419P. \$5.
NR-H8-00-000-01586	THE EFFECT OF THE ANOMALOUS GRAVITY ON THE DIRECTION OF THE VERTICAL AS DETERMINED BY A MECHANICALLY PERFECT INERTIAL PLATFORM. M.F. MADKOUR, DEPT. OF CIVIL ENGINEERING, UNIV. OF ILL., URBANA. NOV. 1966, 39P. CIVIL ENGINEERING STUDIES PHOTOGRAMMETRY SERIES NO. 4. CONTRACT NO. GRANT NSF-GK-776 PB-176460
NR-H8-00-000-01587	DYNAMIC RESPONSE OF THERMISTORS AT LH TEMPERATURE. REPORT NO. REPT-69-03600 J.A. KNOBBOUT, CENTRAL TECHNICAL INSTITUTE, TNO, DELFT, NETHERLANDS. SEPT. 1969, 7P. MICROFICHE COPY N71-15477
NR-H8-00-000-01588	DISTRIBUTION OF RADIATIVE ENERGY IN GROUND FOG. GUNTHER KORB, MAINZ. UNIVERSITAT, MAINZ, WEST GERMANY, AND WILFORD ZDUNKOWSKI, UTAH. UNIVERSITY, SALT LAKE CITY, UTAH. IN-TELLUS, VOL. 22, NO 3, 1970, P. 298-320. MICROFICHE COPY. A70-35943
NR-H8-00-000-01589	DETERMINATION OF THE SCATTERING INDICATRIX FROM OBSERVATIONS OF SKY BRIGHTNESS. E.E. ARTJENKIN, RIAZANSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT, RYAZAN, USSR. IN-ACADEMY OF SCIENCES, USSR, IZVESTIYA, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 6, MAY 1970, P. 305-307. TRANSLATION. MICROFICHE COPY. A71-12119, A70-36634
NR-H8-00-000-01590	COLOR-RANGE BODIES IN COLOR PHOTOGRAPHY. REPORT NO. JPRS-50009. D.K. BALBUKHA, AND M.M. MIRFAZIYEVA, Leningrad INSTITUTE OF MOTION-PICTURE ENGINEERS. TRANSL. OF - ZHURNAL NAUCHNOY I PRIKLADNOY FOTOGRAFII I KINEMATOGRAFII, VOL. 9, NO. 6, 1964, P. 440-447. MICROFICHE COPY AD-698271, N70-23468
NR-H8-00-000-01591	CERTAIN RESULTS OF MEASUREMENTS OF THE EARTH'S RADIATION IN THE SPECTRAL INTERVAL FROM 10 TO 12 MICRONS FROM THE COSMOS 243 SATELLITE. A.K. GORODETSKII, M.S. MALKEVICH, A.P. ORLOV AND V.I. TIMOFEYEVA, AKADEMIJA NAUK SSSR, INSTITUT FIZIKI ATMOSFERY, MOSCOW. IN-ACADEMY OF SCIENCES, USSR, IZVESTIYA, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 6, MAY 1970, P. 274-280. TRANSLATION. MICROFICHE COPY A71-12115
NR-H8-00-000-01592	BIBLIOGRAPHY OF MAGNETIC MATERIALS AND TABULATION OF MAGNETIC TRANSITION TEMPERATURES. REPORT NO. ORNL-RMIC-7-REV-2. T.F. CONNOLLY, AND EMILY D. COPENHAVER, COMPILERS. OAK RIDGE NATIONAL LAB., OAK RIDGE, TENN. JULY 1970, REVISED, 116P. CONTRACT NO. W-7405-ENG-26 MICROFICHE COPY N71-12537
NR-H8-00-000-01593	AVTOMATICHESKOE REGULIROVANIE EKSPOZITSII V AEROFOTOAP-PARATAKH AFA-TEU I AFA-TES. (AUTOMATIC CONTROL OF EXPOSURE IN AFA-TEU AND AFA-TES AERIAL CAMERAS) V.B. LLIN, IN-GEODEZIJA I KARTOGRAFIJA, VOL. 15, NO. 6, 1970, P. 49-53. IN RUSSIAN. MICROFICHE COPY. A70-45497

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01594	ATTENUATION OF MILLIMETER WAVES IN FOG. K.L. KOESTER, AND L.M. NOSOWSKY, UNITED AIRCRAFT CORP., NORWALK, CONN. IN-AMERICAN METEOROLOGICAL SOCIETY, RADAR METEOROLOGY CONFERENCE, 14TH, TUCSON, ARIZ., NOV. 1970, PROCEEDINGS, P. 17-20. CONTRACT NO. DA-28-043-AMC-01253(E), DA-28-043-AMC-02125(E) MICROFICHE COPY. A71-10580
NR-H8-00-000-01595	ATMOSPHERIC HAZE - A REVIEW. FINAL REPORT. REPORT NO. BHN-1821 O.A. GERNGENOVA, J.P. FRIENC, AND A.M. SACCO, BOLT BEHANEK AND NEWMAN, INC., CAMBRIDGE, MASS. MAR 70, 184P. CONTRACT NO. PHS-CPA-22-69-29. PB-192102 N71-13022.
NR-H8-00-000-01596	THE APPLICATION OF HOLOGRAPHIC INTERFEROMETRY TO THE MEASUREMENT OF VERY SMALL DISPLACEMENTS OF A SURFACE. REPORT NO. WRE-TN-OSD-115 R.G. HUGHES, WEAPONS RESEARCH ESTABLISHMENT, SALISBURY, AUSTRALIA. APRIL 1970, 63P. MICROFICHE COPY N71-15157
NR-H8-00-000-01597	ACTIVITIES ON CELESTIAL BODIES INCLUDING THE EXPLOITATION OF POSSIBLE NATURAL RESOURCES THERE. LANSZLO SZALOKY, HUNGARY IN - INTERNATIONAL ASTRONAUTICAL FEDERATION, COLLOQUIUM ON THE LAW OF OUTER SPACE, 12TH, MAR DEL PLATA, ARGENTINA, OCT. 1969, PROCEEDINGS (M.D. SCHWARTZ, ED. DAVIS, CALIF., 1970) P. 176-178. MICROFICHE COPY. A70-35792
NR-H8-00-000-01598	AN ABSOLUTE SCALE FOR RADIATION MEASUREMENT. D. CROMMELYNCK AND R. DOGNIGUX, INSTITUTE ROYAL METEOROLOGIQUE DE BELGIQUE, BRUSSELS, BELGIUM. INTERNATIONAL SOLAR ENERGY SOCIETY CONFERENCE, MELBOURNE, AUSTRALIA, MARCH 1970, PAPER NO.3/43. 8P. MICROFICHE COPY A70-31805
NR-H8-00-000-01599	EXPERIMENTAL DATA BUS COMMUNICATIONS SYSTEM. FINAL REPORT. REPORT NO. NASA-CR-103073, ER71-4059. VICTOR WEISENBLOOM, RAYTHEON CO., LEXINGTON, MASS. FEB. 1971, 107P. CONTRACT NO. NAS8-25644 MICROFICHE COPY N71-20281
NR-H8-00-000-01600	INFORMATION PROCESSING IN THE MICROWAVE MEASUREMENT TECHNIQUE. G. ALMASSY, RESEARCH INSTITUTE FOR TELECOMMUNICATION BUDAPEST, HUNGARY. IN - HUNGARIAN ACADEMY OF SCIENCES AND SCIENTIFIC SOCIETY FOR TELECOMMUNICATION, COLLOQUIUM ON MICROWAVE COMMUNICATION, 4TH, BUDAPEST, HUNGARY, APRIL 1970, PROCEEDINGS, VOL. 5, P. ME, SM-8/1 TO ME, SM-8/6. MICROFICHE COPY A70-43795
NR-H8-00-000-01601	THE INFLUENCE OF INFRARED ABSORPTION ON THE MEASUREMENT OF SIMULATED SOLAR RADIATION. REPORT NO. ESRO-TN-94 (ESTEC) G. SANGER, AND W.A. SHICKLE, EUROPEAN SPACE RESEARCH AND TECHNOLOGY CENTRE, NOORDWIJK, THE NETHERLANDS. ESRO (EUROPEAN SPACE RESEARCH ORGANIZATION), NEUILLY SUR SEINE, FRANCE. SEPT. 1969, 45P.
NR-H8-00-000-01602	EXPERIMENTAL INVESTIGATIONS OF TOTAL WATER VAPOR CONTENT OVER THE OCEAN DURING RADIOMETRIC MEASUREMENTS OF ATMOSPHERIC THERMAL RADIATION FROM A SHIP. REPORT NO. JPRS-51715 V.M. PLECHKOV, TRANSL. OF - AKADEMIJA NAUK SSSR. DOKLADY, VOL. 193, NO. 5, 1970, P. 1041-1043. MICROFICHE COPY N71-12121
NR-H8-00-000-01603	GEOMETRIC FIDELITY OF THREE SPACE TELEVISION SYSTEMS. KAM W. WONG, DEPT. OF CIVIL ENGINEERING, UNIV. OF ILLINOIS, URBANA. OCT. 1969, 30P. CIVIL ENGINEERING STUDIES, PHOTOGRAMMETRY SERIES NO. 25 MICROFICHE COPY PB-187466
NR-H8-00-000-01604	THE NATURE OF LIGHT - AN HISTORICAL SURVEY. (STORIA DELLA LUCE, 1952 EDITION, IN ITALIAN). VASCO RONGHI, ISTITUTO NAZIONALE DI OTTICA, ARCETRI, ITALY. HARVARD UNIV. PRESS, CAMBRIDGE, MASS. 1970, 300P. \$16. ENGLISH TRANSLATION WITH NEW MATERIAL BY THE AUTHOR.

SUBJECT RELATED DOCUMENTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H8-00-000-01605	ORBITAL IMAGERY FOR PLANETARY EXPLORATION. VOL. 4. IMAGING SENSOR SYSTEM SCALING LAWS. REPORT NO. NASA-CR-73453 DAVID A. KLOPP, ET AL., IIT RESEARCH INST., ASTRO SCIENCES CENTER, CHICAGO, ILL. SEPT. 1969, 322P. CONTRACT NO. NAS2-4494 MICROFICHE AND HARD COPY. N70-30922
NR-H8-EJ-998-01606	TERRESTRIAL ENVIRONMENT (CLIMATIC) CRITERIA GUIDELINES FOR USE IN SPACE VEHICLE DEVELOPMENT, 1971 REVISION. REPORT NO. NASA-TM-X-64589. GLENN E. DANIELS, NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, ALABAMA, MAY 1971, 400P.
NR-H8-00-000-01608	INFRARED RADIATION. IVAN SIMON, ARTHUR D. LITTLE, INC. D. VAN NOSTRAND COMPANY, INC., PRINCETON, NEW JERSEY 1966, 119P. PAPER \$1.50
NR-H8-00-000-01609	ABSOLUTE ALTIMETERS. MATERIEL TEST PROCEDURE. REPORT NO. MTP-6-2-013. ARMY TEST AND EVALUATION COMMAND, ABERDEEN PROVING GROUND, MD., FEB. 1968, 26P. MICROFICHE COPY. AD-720507
NR-H8-00-000-01610	SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 236. REPORT NO. JPRS-51357. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. SEPT. 1970, 39P. TRANSL. FROM VARIOUS SINO-SOVIET BLOC PUBLICATIONS. MICROFICHE COPY. N70-40721, N70-40725.
NR-H8-00-000-01611	THE DEEP SPACE NETWORK. SPACE PROGRAMS SUMMARY 37-65, VOL. 2. FOR THE PERIOD JULY 1 TO AUG. 31, 1970. REPORT NO. NASA-CR-115868. JET PROPULSION LAB., CALIF. INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. SEPT. 1970, 168P. MICROFICHE COPY. N71-14954, N71-14965.
NR-H8-00-000-01612	METEOROLOGY FROM SPACE ALTITUDES. REPORT NO. JPRS-50814. K. KONDRATYEV, (USSR). TRANSL. OF - NAUKA I ZHIZN (MOSCOW), NO. 4, 1970, P. 142-149. MICROFICHE COPY. N70-33931.
NR-H8-00-000-01613	SOVIET BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE, NO. 240. REPORT NO. JPRS-51760. TRANSL. FROM VARIOUS SINO-SOVIET BLOC PUBLICATIONS. MICROFICHE COPY. N71-14656
NR-H8-00-000-01615	FILTERS FOR THE REPRODUCTION OF SUNLIGHT AND DAYLIGHT AND THE DETERMINATION OF COLOR TEMPERATURE. RAYMOND DAVIS, AND K.S. GIBSON, NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. JAN 1931, 169P. NBS MISCELLANEOUS PUB-114. MICROFICHE COPY. PB-192894
NR-H8-00-000-01616	MINIMUM IMAGE SIZE IN AN ELECTROSTATIC SPECTROGRAPH. REPORT NO. ESRIN-IN-93. G.A. PROCA, AND T.S. GREEN, EUROPEAN SPACE RESEARCH INSTITUTE, FRASCATI, ITALY. JUNE 1970, 25P. MICROFICHE COPY N71-11522
NR-H8-00-000-01617	MICROWAVE RESEARCH. REPORT NO. JPRS-52129. M.P. DOLUKHANOV, (USSR), TRANSL. FROM THE BOOK - OT MILLIGERTS DO TERAGERTS, Leningrad, SUDOSTROYENIYE PRESS, 1970, P. 81-103. MICROFICHE COPY. N71-14987
NR-H8-00-000-01618	METHOD OF VISUALIZING AN INFRARED IMAGE (ZPUSOB ZVIDITEL-NENI INFRACERVENEHO OBRAZU). REPORT NO. UCRL-TRANS-10473 A. VASKO, TRANSL. OF CZECHOSLOVAKIAN PATENT 101 721, NOV. 1961. MICROFICHE COPY

# SECTION H9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00001	PRELIMINARY REPORT ON A MULTISPECTRAL EXPERIMENT. ABRAHAM ANSON, SYSTEMS BRANCH, INTELLIGENCE DIVISION, USAF/GIMHADA. FEBRUARY 18, 1965. CONTRACT NUMBER R-47-009-002. STAR N65-85566.
NR-H9-00-000-00002	MULTISPECTRAL EXPERIMENT NO. 2. ABRAHAM ANSON, SYSTEMS BRANCH, INTELLIGENCE DIVISION, USAF/GIMHADA. AUGUST 3, 1965. CONTRACT NUMBER R-47-009-002.
NR-H9-00-000-00003	THE INVESTIGATION OF FLAME SPREADING OVER THE SURFACE OF IGNITING SOLID PROPELLANTS. ROBERT F. MCALEVY, III, PROFESSOR OF MECHANICAL ENGINEERING, STEVENS INSTITUTE OF TECHNOLOGY, HOBOKEN, NEW JERSEY, JANUARY 15, 1966. CONTRACT NO. NGR-31-003-014. STAR X69-90091
NR-H9-00-000-00005	SOME EMPIRICAL AND THEORETICAL INTERPRETATIONS OF MULTIPLE POLARIZATION RADAR DATA. R. D. ELLERMEIER, A. K. FUNG, AND D.S. SIMONETT, UNIVERSITY OF KANSAS, CRES REPORT 61-10. APRIL 14, 1966. CONTRACT NUMBER NSR-17-004-003. STAR N68-13437.
NR-H9-00-000-00007	FRESNEL ZONE PROCESSING OF SYNTHETIC APERTURE RADAR DATA. M.D. BUCHANAN AND R.K. MOORE, UNIVERSITY OF KANSAS, CRES REPORT 61-1. JANUARY 3, 1966. CONTRACT NUMBER NSR-17-004-003. STAR N66-21651.
NR-H9-00-000-00010	PLANE WAVE SCATTERING FROM A ROUGH SURFACE WITH CORRELATED LARGE AND SMALL SCALE ORDERS OF ROUGHNESS. H. S. HAYRE AND D. E. KAUFMAN, KANSAS STATE UNIVERSITY, DEPARTMENT OF ELECTRICAL ENGINEERING, MANHATTAN, KANSAS. MAY 1965. SUBCONTRACTED FROM THE UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CRES TECHNICAL REPORT 61-2. CONTRACT NO. NSR-17-004-003.
NR-H9-00-000-00022	SOME NEW UNSOLVED PROBLEMS IN CONNECTION WITH RANDOM PROCESSES OF INTEREST IN GEOPHYSICS. WILLARD J. PIERSON, JR., NEW YORK UNIVERSITY, COLLEGE OF ENGINEERING RESEARCH DIVISION, DEPARTMENT OF METEOROLOGY AND OCEANOGRAPHY. JANUARY 1962. CONTRACT NO. NONR-285(03).
NR-H9-00-000-00031	AUTOMATIC PROCESSING OF MULTI-SPECTRAL IMAGES. GEORGE W. DALKE, UNIVERSITY OF KANSAS, CRES REPORT NO. 61-16. AUGUST 1966. CONTRACT NO. NSR-17-004-003. STAR N67-18052.
NR-H9-00-000-00033	BACKSCATTER OF ELECTROMAGNETIC WAVES FROM A ROUGH LAYER. VIJAY R. KUMAR, S.H. DURRANI, AND W.W. KOEPSSEL, KANSAS STATE UNIVERSITY, DEPARTMENT OF ELECTRICAL ENGINEERING, MANHATTAN, KANSAS. TECHNICAL REPORT EE-TR-3. MAY 1966. CONTRACT NO. NSR-17-004-003.
NR-H9-00-000-00034	BACKSCATTER OF ULTRASONIC WAVES FROM A ROUGH LAYER. WU-SHI SHUNG, W. W. KOEPSSEL, AND S. H. DURRANI, KANSAS STATE UNIVERSITY, DEPARTMENT OF ELECTRICAL ENGINEERING, MANHATTAN, KANSAS. MAY 1966. CONTRACT NO. NSR-17-004-003. STAR N67-18976.
NR-H9-00-000-00036	THE GENERAL LINEAR EQUATION IN PREDICTION. PROFESSOR F. H. TIMOTHY WHITTEN. NORTHWESTERN UNIVERSITY REPORT NUMBER 8. DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. DECEMBER 15, 1966. CONTRACT NUMBER NGR-14-007-027.



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00037	THE EFFECT OF GROUND TEMPERATURE ON THERMAL RESOLUTION IN INFRARED IMAGERY. C.P. BASTUSCHECK, HRB-SINGER, INC., SCIENCE PARK, STATE COLLEGE, PA. PRESENTED AT THE AMERICAN SOCIETY OF PHOTOGRAMMETRY AND AMERICAN CONGRESS OF SURVEYING AND MAPPING, PORTLAND, OREGON. SEPT. 1969. PP.T-25.
NR-H9-00-000-00041	ORBITAL REMOTE SENSING AND NATURAL RESOURCES. DR. PETER C. BADGLEY, NASA AND WILLIAM L. VEST, IIT RESEARCH INSTITUTE, CHICAGO, ILL./NASA HDQ., CODE SAR WASHINGTON, D.C. JUNE 8, 1967, PUBLISH DATE SEPT. 19, 1966. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 32, NO. 5, 1966. PP.780-790.
NR-H9-00-000-00045	POLARIZATION DEPENDENT RADAR RETURN FROM ROUGH SURFACES. K. KRISHNAN, W. W. KOEPEL, S. M. DURRANI, DEPARTMENT OF ELECTRICAL ENGINEERING, KANSAS STATE UNIVERSITY, MANHATTAN, KANSAS. TECHNICAL REPORT EE-TR-2. JANUARY 1966. CONTRACT NOS. NSG-692 AND NSR 17-004-003. STAR N67-18974.
NR-H9-00-000-00052	A PROGRAM FOR THE RAPID SCREENING OF MULTIVARIATE DATA FROM THE EARTH SCIENCES AND REMOTE SENSING. NORTHWESTERN UNIVERSITY REPORT NUMBER 11. ROBERT G. GARRETT, DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. JULY 1967. CONTRACT NO. NGR-14-007-027. STAR N67-33962.
NR-H9-00-000-00053	PROBLEMS IN PHOTOMETRIC ANALYSIS OF IMAGERY FROM SATELLITES. JOSEPH OTTERMAN, TEL AVIV UNIVERSITY, RAMAT AVIV, ISRAEL. PRESENTED AT BRITISH INTERPLANETARY SOCIETY AND NATO, INTERNATIONAL SUMMER SCHOOL ON EARTH RESOURCES SURVEY, CAMBRIDGE, ENGLAND, JULY 1969. PUBLISHED IN JOURNAL OF THE BRITISH INTERPLANETARY SOCIETY, VOL. 23, NO. 5, MAY 1970. PP.349-356. MICROFICHE AND HARD COPY. A69-38627. N70-11112.
NR-H9-00-000-00054	A NEW TECHNOLOGY, SURVEY PHOTOGRAPHY AND FLIGHT. FRANCOIS CORTEN, LECTOR AT INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. FEBRUARY 1969. STAR N70-10896. MICROFICHE COPY.
NR-H9-FH-000-00055	A REMOTE SENSING SURVEY OF AREAS IN CENTRAL COASTAL LOUISIANA. PART I-DISCUSSION. FINAL REPORT. R. LUDLAM AND JACK R. VANLOPICK, TEXAS INSTRUMENTS INC., DALLAS, TEXAS. DECEMBER 1966. CONTRACT NO. N00014-66-C-0309. MICROFICHE COPY.
NR-H9-00-000-00056	USE OF AERIAL METHODS IN LANDSCAPE STUDIES. S.V. VIKTOROV, ET AL., USSR. 1959. MICROFICHE COPY. STAR N70-20494.
NR-H9-00-000-00060	RADAR AS A REMOTE SENSOR. CRES REPORT 61-7, R. K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS, JANUARY 1966. CONTRACT NO. NSR-17-004-003. STAR N66-32761.
NR-H9-00-000-00065	IONOSPHERIC EFFECTS ON 400 MC RADAR SIGNALS. CRES TECHNICAL REPORT NO. 61-15. H. UNZ, DEPARTMENT OF ELECTRICAL ENGINEERING, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. SEPTEMBER 1966. UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR 17-004-003. STAR N67-12277.
NR-H9-DJ-049-00066	EDDY CORRELATION MEASUREMENTS OF SENSIBLE HEAT FLUX NEAR THE EARTH'S SURFACE. M.L. WESELY, C.B. TANNER, ET AL. DEPT. OF SOIL SCIENCE, UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 9, NO. 1, FEB. 1970. PP.45-50.



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00075	ANISOTROPY IN REFLECTED SOLAR RADIATION. V.V. SALOMONSON, COLORADO STATE UNIVERSITY, FORT COLLINS, COLORADO. 1968. STAR N70-16735.
NR-H9-EJ-029-00078	A MEDIAL POINT TRANSFORMATION OF TWO-DIMENSIONAL DATA WITH APPLICATIONS TO DATA COMPRESSION AND NOISE REDUCTION. CRES REPORT NO. TR 118-1. IRVIN EDWARD YOUNGBERG, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC. ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1967. CONTRACT NO. NAS 9-7175. STAR N69-10484.
NR-H9-00-000-00082	ADAPTIVE PATTERN RECOGNITION BY USING A PREDICTIVE MODEL IN CONSTRUCTION OF SIMILARITY SETS. CRES TECHNICAL REPORT 118-5 ROBERT HARALICK, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1967. CONTRACT NOS. NSR 17-004-003 AND NAS 9-7175. STAR N69-32554
NR-H9-00-000-00083	COMPUTER REDUCTION AND ANALYSIS OF AN INFRARED IMAGE. TECHNICAL REPORT 67-4. KEENAN LEE, REMOTE SENSING LABORATORY, GEOPHYSICS DEPARTMENT, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. DECEMBER 31, 1967. CONTRACT NO. NCR-05-020-115. STAR N68-19332.
NR-H9-00-000-00084	COMMENTS ON REMOTE SENSING. RICCARDO GIACCONI AND BERNARD HARRIS, AMERICAN SCIENCE AND ENGINEERING, INC., CAMBRIDGE, MASS. PUBLISHED IN IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-7, NO. 4, OCT. 1969. PP.179-190.
NR-H9-00-000-00085	IMAGE PROCESSING. AZRIEL ROSENFELD, UNIVERSITY OF MARYLAND, COMPUTER SCIENCE CENTER, COLLEGE PARK, MARYLAND. PUBLISHED IN SPACE/AERONAUTICS, VOL. 52, DEC. 1969. PP.48-55.
NR-H9-00-000-00086	A DOUBLE BEAM INTERFEROMETER FOR THE MIDDLE INFRARED. R. HANEL, M. FORMAN, ET AL., NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 10, OCT. 1969. PP.2059-2065.
NR-H9-00-000-00087	SPACE SYSTEMS FOR EARTH RESOURCES INFORMATION. DONALD M. WALTZ, TRW SYSTEMS, REDONDO BEACH, CALIFORNIA. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969. PAPER AAS 69-584. MICROFICHE COPY.
NR-H9-00-000-00088	A TRADEOFF STUDY IN SPACE GEODESY ALTIMETRY. EPHRIAM WEISS, RAYTHEON CO., EQUIPMENT DIV., SUDBURY, MASS. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969, PAPER AAS 69-604. MICROFICHE COPY.
NR-H9-00-000-00090	A MULTIBAND PHOTOGRAPHIC SYSTEM. BANSUN CHANG, NORTH AMERICAN ROCKWELL CORP., SPACE DIV., DOWNEY, CALIFORNIA. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969, PAPER AAS 69-582. MICROFICHE COPY.
NR-H9-00-000-00095	SIMULATING THE CONSEQUENCE OF CLOUD COVER ON EARTH-VIEWING SPACE MISSIONS. S.C. BROWN, NASA/MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIV., LAS CRUCES, NEW MEXICO, OCTOBER 1969. PAPER AAS 69-577. MICROFICHE COPY.
NR-H9-00-000-00102	ANALYSIS OF DATA FROM REMOTE SENSING SYSTEMS. RICHARD F. PASCUCCI, RAYTHEON CO., ALEXANDRIA, VA., AND GARY W. NORTH, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO. OCTOBER 1969. PAPER AAS 69-575. MICROFICHE COPY.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00103	SCATTERING AND REFLECTANCE OF LIGHT FROM AIRBORNE LASER SYSTEMS. DAVID G. COLLINS AND MICHAEL B. WELLS, RADIATION RESEARCH ASSOCIATES INC., FORT WORTH, TEXAS. JUNE 1968. CONTRACT NUMBER F19628-67-C-0298. MICROFICHE COPY.
NR-H9-DJ-211-00104	LIDAR-RADAR LOWER ATMOSPHERIC OBSERVATIONS. FINAL REPORT OCT. 67 - OCT. 68. WILLIAM VIEZEE AND JOHN OBLANAS, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA. NOV. 1968. CONTRACT NO. F19628-68-C-0021. MICROFICHE COPY.
NR-H9-00-000-00108	CHRONOLOGICAL CATALOG OF REPORTED LUNAR EVENTS. NASA TECHNICAL REPORT R-277. BARBARA M. MIDDLEHURST, UNIVERSITY OF ARIZONA, LUNAR AND PLANETARY LABORATORY, TUCSON, ARIZONA, JAYLEE M. BURLEY, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND, PATRICK MOORE, ARMAGH PLANETARIUM, ARMAGH, NORTHERN IRELAND, AND BARBARA L. WELTHER, SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASSACHUSETTS. JULY 1968. CONTRACT NUMBERS NSF GP-5940 AND NSF GP-6709.
NR-H9-DJ-000-00109	THE SIERRA DEMONSTRATION PROJECT LAND RESOURCE INVENTORY AND ENGINEERING SURVEYS. REPORT NO. ETR-7100-2. JOHN R. SWINNERTON, U.S. FOREST SERVICE, ARLINGTON, VIRGINIA. 1969.
NR-H9-00-000-00110	A STUDY OF EARTH RADAR RETURNS FROM ALOUETTE SATELLITE. CRES REPORT 37-1. R.C. CHIA, H.H. DORLAND, AND R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. APRIL 1967. CONTRACT NUMBER NSG-477. STAR N68-22044.
NR-H9-00-000-00111	THE OMNIDIRECTIONAL SCATTERING OF ACOUSTIC WAVES FROM ROUGH SURFACES WITH APPLICATION TO ELECTROMAGNETIC SCATTERING. CRES REPORT 48-4. BOWEN E. PARKINS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JUNE 1965. CONTRACT NUMBERS NSG-298, NSR 17-004-003, AND NATIONAL SCIENCE FOUNDATION GRANT GP-2259.
NR-H9-00-000-00112	SCATTERING AND DEPOLARIZATION OF ELECTROMAGNETIC WAVES BY ROUGH SURFACES. CRES REPORT 48-5. ADRIAN K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. NOVEMBER 1965. CONTRACT NUMBERS NSG-298 AND NATIONAL SCIENCE FOUNDATION GRANT GP-2259. STAR N68-10004.
NR-H9-00-000-00113	SCATTERING THEORIES AND RADAR RETURN. CRES REPORT 48-3. ADRIAN K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MAY 1965. CONTRACT NUMBERS NSG-298 AND NATIONAL SCIENCE FOUNDATION GRANT GP-2259. STAR N68-10090.
NR-H9-00-000-00116	USE OF THE RADAR SCATTEROMETER IN AIRCRAFT AND SPACECRAFT RESOURCES PROGRAMS. TECHNICAL MEMORANDUM 118-7. R.K. MOORE UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1968. CONTRACT NUMBER NAS 9-7175.
NR-H9-00-000-00117	SURFACE PROFILING USING A RADAR INTERFEROMETER. TECHNICAL MEMORANDUM 61-9. JEROME BUTLER AND R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MARCH 1965. CONTRACT NUMBER NSR 17-004-003.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00118	AUTOMATIC MEASUREMENTS OF TEXTURE AND DETECTION OF LINES IN A FLYING-SPOT SCANNER SYSTEM. TECHNICAL MEMORANDUM 61-33. GEORGE DALKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1966. CONTRACT NO. NSR 17-004-003.
NR-H9-00-000-00119	PHOTOGRAPHIC COLOR COMBINATION PROCEDURES AND EQUIPMENT AVAILABLE AT CRES. TECHNICAL MEMORANDUM 61-24. DWIGHT BOBERT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JUNE 1966. CONTRACT NUMBER NSR 17-004-003. STAR X69-74558
NR-H9-00-000-00120	AUTOMATIC ACUTENESS MEASUREMENTS FOR MULTIPLE IMAGES. TECHNICAL MEMORANDUM 61-31. GEORGE DALKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00121	PATTERN RECOGNITION PROBLEM. TECHNICAL MEMORANDUM 61-23. ROBERT HARALICK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00122	CALCULATION OF TRISTIMULUS COEFFICIENT FOR THE CRES MULTI-COLOR DISPLAY. TECHNICAL MEMORANDUM 61-14. GEORGE W. DALKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MAY 1965. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00124	POSSIBLE LUNAR ANALOGS FOR USE BY THE WATERWAYS EXPERIMENT STATION, VICKSBURG, MISSISSIPPI. TECHNICAL MEMORANDUM 61-11. DWIGHT BROWN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. DECEMBER 1964. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00126	THE (3 X 3) MATRIX UNIT. TECHNICAL MEMORANDUM 61-22. F. WELTER, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MAY 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00127	ESTABLISHMENT OF THE CRITERION FOR DETERMINING THE PULSE REPETITION FREQUENCY, THE BEAM LENGTH, PULSE WIDTH AND PULSE LENGTH ON THE GROUND. TECHNICAL MEMORANDUM 61-6. J. BUTLER, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1964. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00129	SYNTHETIC APERTURE RADAR ACOUSTIC SIMULATOR. TECHNICAL MEMORANDUM 118-3. J. LANCE FROMME, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. DECEMBER 1967. CONTRACT NO. NAS 9-7175.
NR-H9-00-000-00130	LINE DRIVING AMPLIFIER. TECHNICAL MEMORANDUM 118-2. JOHN BRYANT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. NOVEMBER 1967. CONTRACT NUMBER NAS 9-7175.
NR-H9-00-000-00131	ACOUSTIC SCATTERING FROM SURFACES WITH CONTROLLED WAVE SPECTRA. TECHNICAL MEMORANDUM 112-2. R.L. KNUCKEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JUNE 1967. CONTRACT NUMBER N62306-67-C-0044.
NR-H9-00-000-00132	ACOUSTIC SCATTERING FROM SURFACES WITH CONTROLLED WAVE SPECTRA. TECHNICAL MEMORANDUM 112-1. R.L. KNUCKEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MARCH 1967. CONTRACT NUMBER N62306-67-C-0044.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00133	MULTI-FREQUENCY ACOUSTICAL SIMULATION SYSTEM. TECHNICAL MEMORANDUM 61-2. MIKE BUCHANAN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. SEPTEMBER 1964. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00134	A METHOD OF ANALYZING NRL FLIGHT RADAR RETURN. TECHNICAL MEMORANDUM 61-3. J.W. ROUSE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. SEPTEMBER 1964. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00135	SYNTHETIC APERTURE POWER REQUIREMENTS. TECHNICAL MEMORANDUM 61-8. R.K. MOORE AND JEROME BUTLER, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. NOVEMBER 1964, REVISED JULY 1967. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00136	INITIAL DESIGN CONSIDERATIONS FOR THE MULTI-COLOR DISPLAY. TECHNICAL MEMORANDUM 61-5. G.W. DALKE, J.E. RATHKE, AND J.W. ROUSE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. DECEMBER 1964. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00137	SYNTHETIC APERTURE ANTENNA. TECHNICAL MEMORANDUM 61-13. JOHN ROUSE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MAY 1965. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00138	RANGE ERROR STATISTICS FOR SPLIT-GATE ALTIMETER: PART I, SQUARE LAW DETECTION. TECHNICAL MEMORANDUM 112-3. HAN L. LEE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. APRIL 1968. CONTRACT NUMBER N62306-67-C-0044.
NR-H9-00-000-00139	MODIFICATIONS MADE ON PHOTOVOLT 520-A DENSITOMETER. TECHNICAL MEMORANDUM 61-15. MIKE BUCHANAN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MAY 1965. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00140	ON THE FEASIBILITY OF IMAGING RADAR ON SMALL SPACECRAFT. TECHNICAL MEMORANDUM 118-6. JOHN W. ROUSE, JR., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1968. CONTRACT NUMBER NAS 9-7175.
NR-H9-00-000-00141	RANGE ERROR STATISTICS FOR SPLIT-GATE ALTIMETER: PART II, LINEAR DETECTION. TECHNICAL MEMORANDUM 112-4. HAN L. LEE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. APRIL 1968. CONTRACT NUMBER N62306-67-C-0044.
NR-H9-00-000-00142	IBM PAPER TAPE PUNCH PROGRAM FOR THE LGP-30 COMPUTER. TECHNICAL MEMORANDUM 61-56. IRVIN EDWARD YOUNGBERG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1967. CONTRACT NUMBERS NSR 17-004-003 AND NAS 9-7175.
NR-H9-00-000-00143	ANALOG TO DIGITAL TO PAPER TAPE DATA PRINTER FOR THE LGP-30 COMPUTER. TECHNICAL MEMORANDUM 61-57. IRVIN EDWARD YOUNGBERG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1967. CONTRACT NUMBERS NSR 17-004-003 AND NAS 9-7175.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00144	USE OF THE NUMERICAL TAXONOMY SYSTEM. TECHNICAL MEMORANDUM 61-54. ROBERT HARALICK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1967. CONTRACT NUMBERS NSR 17-004-003 AND NAS 9-7175.
NR-H9-00-000-00145	THE 3-CHANNEL FLYING SPOT SCANNER. TECHNICAL MEMORANDUM 61-39. J.E. RATHKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING RESEARCH DIVISION, LAWRENCE, KANSAS. AUGUST 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00146	THE TRI-COLOR DISPLAY UNIT. TECHNICAL MEMORANDUM 61-40. J.E. RATHKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. SEPTEMBER 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00147	LCP-30 AUTOCORRELATION PROGRAM. TECHNICAL MEMORANDUM 61-55. IRVIN EDWARD YOUNGBERG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1967. CONTRACT NUMBERS NSR 17-004-003 AND NAS 9-7175.
NR-H9-00-000-00148	AN ANALOG TO DIGITAL TO PAPER TAPE CONVERTER. TECHNICAL MEMORANDUM 61-44. JESS BETLACK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. APRIL 1966. CONTRACT NO. NSR 17-004-003.
NR-H9-00-000-00149	DESIGN CONSIDERATIONS FOR A FLYING SPOT SCANNER SYSTEM. TECHNICAL MEMORANDUM 61-36. J.E. RATHKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. NOVEMBER 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00150	THE CRES DATA HANDLING SYSTEM. TECHNICAL MEMORANDUM 61-37. J.E. RATHKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00151	PHOTOMULTIPLIER, COMPENSATED VIDEO AMPLIFIER AND VIDEO AMPLIFIER CIRCUITS. TECHNICAL MEMORANDUM 61-38. J.E. RATHKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. SEPTEMBER 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00152	PATTERN RECOGNITION AND SIMILARITY-A PHILOSOPHIC DISCUSSION. TECHNICAL MEMORANDUM 61-35. ROBERT HARALICK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00153	PATTERN RECOGNITION AND SIMILARITY-A MATHEMATICAL DESCRIPTION. TECHNICAL MEMORANDUM 61-35A. ROBERT HARALICK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00154	UNFOCUSSED SYNTHETIC APERTURE ANTENNA RADAR POWER REQUIREMENTS. TECHNICAL MEMORANDUM 61-16. JOHN ROUSE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1965, REVISED JULY 1967. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00155	TECHNIQUE FOR PRODUCING A PSEUDO THREE DIMENSIONAL EFFECT WITH MONOSCOPIC RADAR IMAGERY. TECHNICAL MEMORANDUM 61-19. L.F. DELLWIG, H.C. MACDONALD, AND J.N. KIRK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. DECEMBER 1965. CONTRACT NUMBER NSR 17-004-003.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00156	REDUCTION OF LIKE-IMAGES TO SPACE CORRELATED DATA LISTS. TECHNICAL MEMORANDUM 61-21. G.W. DALKE AND M.O. MICHELLICH, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MAY 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-FJ-085-00157	RADAR LINEARS NOT RELATED TO GEOLOGY. TECHNICAL MEMORANDUM 61-26. H.C. MACDONALD, ELLIOT GILLERMAN, L.H. DELLWIG, AND NORMAN KIRK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00158	IMAGE REPRODUCTION WITH THE COLOR TELEVISION RECEIVER. TECHNICAL MEMORANDUM 61-28. R.L. KNUCKEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00160	COLOR THEORY. TECHNICAL MEMORANDUM 61-4. GEORGE DALKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1964. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00167	FREQUENCY DEPENDENCE OF WAVES SCATTERED FROM ROUGH SURFACES. CRES REPORT NO. 48-6. ADRIAN K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. DECEMBER 1965. CONTRACT NUMBER NATIONAL SCIENCE FOUNDATION GRANT GP-2259.
NR-H9-00-000-00169	LITERATURE SURVEY ON SCATTERING FROM LAYERED MEDIA. CRES REPORT 48-7. TONY LEONARIS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1966. CONTRACT NUMBERS NSG-298 AND NATIONAL SCIENCE FOUNDATION GRANT GP-2259
NR-H9-00-000-00170	EXACT SOLUTION TO THE SCATTERING OF WAVES FROM A ROUGH SURFACE. CRES REPORT 48-1. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JUNE 1964. CONTRACT NUMBERS NSG-298 AND NATIONAL SCIENCE FOUNDATION GRANT GP-2259.
NR-H9-00-000-00171	SCATTERING AND DEPOLARIZATION OF ELECTROMAGNETIC WAVES FROM A SLIGHTLY ROUGH DIELECTRIC LAYER. CRES TECHNICAL REPORT 105-3. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MAY 1967. CONTRACT NUMBER NATIONAL SCIENCE FOUNDATION GRANT GK875. PUBLISHED IN CANADIAN JOURNAL OF PHYSICS, VOL. 48, 1970. PP.127-136.
NR-H9-00-000-00172	SCATTERING AND DEPOLARIZATION OF ELECTROMAGNETIC WAVES BY A HORIZONTALLY WEAKLY INHOMOGENEOUS MEDIUM. CRES TECHNICAL REPORT 105-2. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MAY 1967. CONTRACT NUMBERS NATIONAL SCIENCE FOUNDATION GRANTS GK-875 AND GK-1153.
NR-H9-00-000-00173	WAVE PROPAGATION ACROSS AN IRREGULAR INTERFACE BETWEEN A HOMOGENEOUS AND AN INHOMOGENEOUS MEDIUM. CRES TECHNICAL REPORT 105-4. ADRIAN K. FUNG AND CHIEN-MIN TU, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1967. CONTRACT NUMBERS NATIONAL SCIENCE FOUNDATION GRANTS GK-875 AND GK-1153.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00174	THE EFFECT OF OBJECT MOTION IN FRAUNHOFER HOLOGRAPHY WITH APPLICATION TO VELOCITY MEASUREMENTS. NASA TN-D-5515. WILLIAM P. DOTSON, JR., NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. NASA/WASHINGTON, D.C. NOV. 1969. MICROFICHE AND HARD COPIES: N69-40812
NR-H9-00-000-00177	SYNTHETIC-APERTURE SIGNAL FILM QUALITY CALCULATIONS. TECHNICAL MEMORANDUM 61-43. JOHN ROUSE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-00-000-00178	MULTICOLOR PRESENTATION OF IMAGES WITH EDGE ENHANCEMENT. TECHNICAL MEMORANDUM 61-42. R.L. KNUCKEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1966. CONTRACT NUMBER NSR 17-004-003.
NR-H9-DJ-998-00182	PRECISION MULTISPECTRAL PHOTOGRAPHY FOR EARTH RESOURCES APPLICATIONS. SERG-TR-04. SONDRÄ WENDEROTH AND EDWARD YOST, SCIENCE ENGINEERING RESEARCH GROUP, LONG ISLAND UNIVERSITY, GREENVALE, NEW YORK. SEPTEMBER 1968. CONTRACT NUMBER NAS 9-7291. STAR N68-38166.
NR-H9-00-000-00185	A FAR INFRARED SPECTROMETER. I.F. SILVERA, AND G. BIRNBAUM, NORTH AMERICAN ROCKWELL CORP., THOUSAND OAKS, CALIFORNIA. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 3, MARCH 1970. PP.617-625.
NR-H9-00-000-00187	A NOVEL MEANS OF THERMAL IMAGING. J.G. HIRSCHBERG, PHYSICS DEPT., UNIVERSITY OF MIAMI, CORAL GABLES, FLA. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 3, MARCH 1970. PP.761-763. A70-25643
NR-H9-00-000-00188	COLOR PICTURE REPRODUCTION USING A HIGH-RESOLUTION TELEVISION SYSTEM. C.R. SMITH, ET AL., RCA DEFENSE ELECTRONIC PRODUCTS, PRINCETON, N.J. PUBLISHED IN JOURNAL OF THE SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS, VOL. 79, NO. 3, MARCH 1970. PP.218-222.
NR-H9-EJ-998-00191	ANALYSIS OF EARTH RESOURCES ON SEQUENTIAL HIGH ALTITUDE MULTIBAND PHOTOGRAPHY. SPECIAL REPORT. LAWRENCE R. PETTINGER, ET AL., UNIVERSITY OF CALIFORNIA, SCHOOL OF FORESTRY AND CONSERVATION, FORESTRY REMOTE SENSING LAB., BERKELEY, CALIFORNIA. DECEMBER 1969.
NR-H9-00-000-00198	IMAGE MOTION STABILIZATION REQUIREMENTS FOR DYNAMIC VISUAL TASKS IN SPACE. REPORT NO. G-864 - NASA CR-73351. HARRY J. COHEN, JAMES T. MILLER, ET AL., MCDONNELL DOUGLAS CORP., ST. LOUIS, MISSOURI. JAN. 1969. CONTRACT NUMBER NAS2-4985. STAR N70-10866.
NR-H9-GJ-000-00201	AERIAL PHOTOGRAPHY AND MULTISPECTRAL REMOTE SENSING FOR ENGINEERING SOILS MAPPING. PROGRESS REPORT ON PHASE B. REPORT NO. JHRP-13. MARC G. TANQUAY, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. MAY 1969. MICROFICHE COPY. STAR N70-12905.
NR-H9-00-000-00202	REMOTE SENSING OF THE ENVIRONMENT. A TWO-WEEK SHORT COURSE. UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIFORNIA. AUGUST 1968. MICROFICHE COPY. STAR N70-14072 THRU N70-14104.
NR-H9-00-000-00204	A SELF-CALIBRATING RADIOMETER FOR THE MEASUREMENT OF THERMAL RADIATION MICROWAVES OF THE EARTH'S SURFACE FROM AN AIRCRAFT. JOHANN-PETER HACH, TECHNISCHE HOCHSCHULE, MÜNCHEN, WEST GERMANY. 1968. MICROFICHE COPY. STAR N69-23741.



TECHNICAL REPORTS - MULTISUBJECT

Reproduced from  
best available copy.



ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00216	THE PACA-70 CAMERA, A DEVELOPMENT FOR A UNIQUE APPROACH TO PANORAMIC PHOTOGRAPHY. JAN GRIFFIOEN, AEROUJET DELFT CORP. PLAINVIEW, LONG ISLAND, N.Y. AND VINCENT W. BALL, U.S. ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N.J. PUBLISHED IN PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 12, NO. 1, JAN.-FEB. 1968, PP.53-56.
NR-H9-FJ-998-00219	SOURCES OF ELECTROMAGNETIC RADIATION. RICHARD R. LEGAULT, UNIVERSITY OF MICHIGAN, WILLOW RUN LAB., ANN ARBOR, MICH. AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970. AIAA PAPER NO. 70-287. A70-22851.
NR-H9-00-000-00220	DATA MANAGEMENT SYSTEM DESIGN. JACK WING, TRW SYSTEMS GROUP, REDONDO BEACH, CALIFORNIA. PUBLISHED IN AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970. AIAA PAPER NO. 70-321.
NR-H9-HH-998-00221	SOME EXPERIMENTAL RESULTS ON EARTH RESOURCES DATA TRANSMISSION BOMEX 1969. S.D. DORFMAN, J.R. CASTALDO, ET AL., HUGHES AIRCRAFT CO., EL SEGUNDO, CALIFORNIA, PRESENTED AT AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970, AND AIAA 3RD COMMUNICATIONS SATELLITE SYSTEMS CONFERENCE, LOS ANGELES, CALIF. APRIL 1970, AIAA PAPER NO. 70-328.
NR-H9-00-000-00223	NEAREST NEIGHBOR - A NEW NON-PARAMETRIC TEST USED FOR CLASSIFYING SPECTRAL DATA. STANFORD RSL TECH REPORT 64-3. PAUL SWITZER, ET. AL., STANFORD UNIVERSITY, REMOTE SENSING LABORATORY, STANFORD, CALIFORNIA. DECEMBER 30, 1968. CONTRACT NUMBER NAS 9-7313. STAR N69-31177
NR-H9-00-000-00225	PRESENTATION OF BASIC MICROWAVE RADIOMETRY. SG P-6668. SPACE-GENERAL, A DIVISION OF AEROUJET-GENERAL CORPORATION, EL MONTE, CALIFORNIA. NOVEMBER 2, 1967.
NR-H9-00-000-00228	FINAL REPORT ON SPOT EXPERIMENTS ON SKY BRIGHTNESS MEASUREMENTS IN THE VISIBLE SPECTRUM FOR THE STAFF PROGRAM, VOL. 2, (VOL. 1, SEPARATELY BOUND AS A CLASSIFIED DOCUMENT). RE-22. A.C. CONRAD AND R. KEZAR, EXPERIMENTAL ASTRONOMY LABORATORY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. JANUARY 1966. CONTRACT NUMBER AF04(694)327.
NR-H9-00-000-00232	FREQUENCY DEPENDENCE OF BACKSCATTER FROM ROUGH SURFACES. CRES TECHNICAL REPORT 133-4. JOHN W. ROUSE, JR., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. SEPTEMBER 1968. CONTRACT NUMBERS NAS 9-7175, GK 1153, AND DAAK02-68-C-0089. AD-847 275. 162P. MICROFICHE AND HARD COPY.
NR-H9-00-000-00233	SPECTRAL BEHAVIOR OF THE MARTIAN SURFACE: COMPOSITIONAL IMPLICATIONS. J.W. SALISBURY AND G.R. HUNT, SPACE PHYSICS LABORATORY, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, BEDFORD, MASSACHUSETTS.
NR-H9-00-000-00234	EFFECTS OF ATMOSPHERIC PATH ON AIRBORNE MULTISPECTRAL SENSORS. ROBERT HORVATH, JOHN G. BRAITHWAITE, AND FABIAN C. POLCYN, UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LABORATORIES, ANN ARBOR, MICHIGAN. JANUARY 1969. CONTRACT NUMBER NSG 715/23-05-071.
NR-H9-00-000-00235	LUNAR RIVERS. J.E.M. ADLER AND J.W. SALISBURY, SPACE PHYSICS LABORATORY, AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, MASSACHUSETTS.
NR-H9-00-000-00236	REFLECTION PROPERTIES OF VENUS AT 3.8 CM. TECHNICAL REPORT 456. RICHARD P. INGALLS, ET. AL., LINCOLN LABORATORY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LEXINGTON, MASS. SEPTEMBER 6, 1968. CONTRACT NUMBER AF 19(628)-5167.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00237	AN ANALYSIS OF AIRBLAST LOADING OF STRUCTURES. ROBERT O. CLARK AND WAYNE M. MC MURTRY, UNIVERSITY OF NEW MEXICO, ALBUQUERQUE, NEW MEXICO. JANUARY 1969. AIR FORCE WEAPONS LABORATORY, WRIGHTLAND AIR FORCE BASE, NEW MEXICO. TECHNICAL REPORT NO. AFWL-TR-68-121. CONTRACT NUMBERS AF29(601)-6002 AND F29601-68-C-0009.
NR-H9-00-000-00240	INTERFERENCE FILTERS FOR MULTISPECTRAL PHOTOGRAPHY. TECHNICAL REPORT 25. D.B. MC KENNEY AND P.N. SLATER, UNIVERSITY OF ARIZONA, OPTICAL SCIENCES CENTER, TUCSON, ARIZONA, AUGUST 1, 1968. CONTRACT NUMBER NAS 9-7081. STAR N69-33735.
NR-H9-00-000-00242	PANCHROMATIC AND POLYPANCHROMATIC RADAR. CRES'REPRINT'3. R.K. MOORE, J.W. ROUSE, JR., AND W.P. WAITE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. MARCH 1969. CONTRACT NUMBERS NAS 9-7175 AND DAAK02-68-C-0089.
NR-H9-00-000-00243	AERIAL PHOTOGRAPHIC ENERGY MODEL. TECHNICAL REPORT AFAL-TR-68-136. D.R. DAKIN, C.D. HARTKY, ET. AL., PHILCO-FORD CORPORATION, AERONUTRONICS DIVISION, NEWPORT BEACH, CALIF. JUNE 1968. CONTRACT NUMBER F33615-67-C-1359.
NR-H9-00-000-00249	FRAUNHOFER LINE DISCRIMINATOR. FINAL REPORT. ENGINEERING REPORT NO. 9148. PERKIN-ELMER, CORP., OPTICAL GROUP, NORWALK, CONNECTICUT. APRIL 15, 1968. CONTRACT NUMBER NAS 9-7447. STAR N68-21919.
NR-H9-00-000-00251	FLIGHT TEST EVALUATION OF AUTONETICS X-BAND MAPPING RADIOMETER MODEL R112A. A.H. KAZAKEVICIUS, AUTONETICS DIVISION OF NORTH AMERICAN ROCKWELL CORPORATION, ANAHEIM, CALIFORNIA. APRIL 27, 1968.
NR-H9-EJ-998-00254	RADAR RETURN FROM THE GROUND. BULLETIN OF ENGINEERING NO. 59. RICHARD K. MOORE, UNIVERSITY OF KANSAS, SCHOOL OF ENGINEERING, LAWRENCE, KANSAS. 1969.
NR-H9-00-000-00257	TELEMETRY TRANSDUCER HANDBOOK, VOLUME 1. WADD TECHNICAL REPORT 61-67, U.S. AIR FORCE, AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AIR FORCE BASE, OHIO. PREPARED BY RESEARCH DIVISION, RADIATION, INC., ORLANDO, FLORIDA. JULY 1961. CONTRACT NUMBER AF 33(616)-7466.
NR-H9-00-000-00266	BASIC INSTRUCTION IN PHOTO INTERPRETATION FOR CONSERVATION-ISTS. JOE O. LAMMI, SCHOOL OF FOREST RESOURCES, NORTH CAROLINA STATE UNIVERSITY, RALEIGH, NORTH CAROLINA. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.
NR-H9-00-000-00269	NEW PHOTOGRAPHIC PROCESSES. JOHN S. ODELL, U.S. ARMY MAP SERVICE, WASHINGTON, D.C., PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.
NR-H9-00-000-00270	REFLECTIONS ON THIRTY YEARS OF IMAGE EVALUATION. G. BROCK, ITEK CORP., LEXINGTON, MASS. PUBLISHED IN PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 11, NO. 5, SEPT.-OCT. 1967. PP.356-362.
NR-H9-EJ-998-00271	PROJECT: APOLLO 9. PRESS KIT. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C. FEBRUARY 23, 1969.
NR-H9-00-000-00272	APOLLO 5 MISSION REPORT. REPORT NO. MSC-PA-R-68-7. APOLLO 5 MISSION EVALUATION TEAM. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. MARCH 1968.
NR-H9-00-000-00273	PROCESS INSTRUMENTATION DEVELOPMENT. REPORT NO. ORNL-3782, PP.91-101. OAK RIDGE NATIONAL LABORATORY, OAK RIDGE, TENN.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-EJ-998-00275	THE COLOR CHARACTERISTICS OF APOLLO 7 MISSION 70 MM PHOTOGRAPHY. SERG-TN-07. EDWARD YOST, ET. AL., SCIENCE ENGINEERING RESEARCH GROUP, LONG ISLAND UNIVERSITY, BROOKVILLE, NEW YORK. MAY 1969
NR-H9-00-000-00276	HINTS FOR EXPERIMENTERS, NASA SO 65. SERG-TN-05. EDWARD YOST AND SONDR VENDEROTH, LONG ISLAND UNIVERSITY, SCIENCE ENGINEERING GROUP, GREENVALE, NEW YORK.
NR-H9-00-000-00277	USE OF INTERFERENCE PASSBAND FILTERS WITH WIDE-ANGLE LENSES FOR MULTISPECTRAL PHOTOGRAPHY. D.B. MCKENNEY AND P.N. SLATER, UNIVERSITY OF ARIZONA, OPTICAL SCIENCES CENTER, TUCSON, ARIZONA. JUNE 1969. CONTRACT NUMBERS NAS 9-7081 AND FO 4695-67-C-0197.
NR-H9-00-000-00278	IMAGE-STABILIZED CAMERA. TECHNICAL REPORT AFAL-TR-69-#1, U.S. AIR FORCE, AIR FORCE AVIONICS LABORATORY, WRIGHT-PATTERSON AIR FORCE BASE, OHIO. W.R. PRUNELLA, MARK SYSTEMS, INC., CUPERTINO, CALIFORNIA. FEBRUARY 17, 1969. CONTRACT NUMBER F33615-67-C-1648.
NR-H9-00-000-00279	PHOTOGRAMMETRIC CALIBRATION OF APOLLO FILM CAMERAS. INTER-AGENCY REPORT: ASTROGEOLOGY 15. W.T. BORGESON AND R.M. BATSON, U.S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, WASHINGTON, D.C. MARCH 1969. CONTRACT NUMBER T-65253G.
NR-H9-00-000-00281	INFRARED AND MULTISPECTRAL SENSING. MARVIN R. HOLTER, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. MARCH 1967. PUBLISHED IN BIOSCIENCE, V. 17, NO. 6, JUNE 1967, P 376-383.
NR-H9-00-000-00282	AN EXPERIMENTAL SELF-REPAIRING COMPUTER. TECHNICAL REPORT 32-1356. A. AVIZIENIS, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. AUGUST 1968. CONTRACT NUMBER NAS 7-100. REPRINTED FROM THE PREPRINT BOOKLET E OF THE 1968 CONGRESS OF THE INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING, EDINBURGH, SCOTLAND.
NR-H9-00-000-00284	FORTRAN IV PROGRAMS TO DETERMINE SURFACE ROUGHNESS IN TOPOGRAPHY FOR THE CDC 3400 COMPUTER. NORTHWESTERN UNIVERSITY REPORT NO. 10. R.D. HOBSON, DEPARTMENT OF GEOLOGY, NORTHWESTERN UNIVERSITY, EVANSTON ILLINOIS. FEBRUARY 1967. CONTRACT NUMBER NGR-14-007-027. PUBLISHED AS COMPUTER CONTRIBUTION 14, STATE GEOLOGICAL SURVEY, UNIVERSITY OF KANSAS, LAWRENCE. AUGUST 1967. STAR N67-33245.
NR-H9-00-000-00290	IMAGING RADARS ON SPACECRAFT AS A TOOL FOR STUDYING THE EARTH. CRES REPORT 61-6. R.D. ELLERMEIER AND D.S. SIMONETT, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR 17-004-003. A PAPER PRESENTED TO THE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC SENSING OF THE EARTH FROM SATELLITES, MIAMI BEACH, FLORIDA, NOVEMBER 22-24, 1965.
NR-H9-00-000-00291	RADAR SCATTEROMETRY - AN ACTIVE REMOTE SENSING TOOL. CRES REPORT 61-11. R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KAN. CONTRACT NUMBER NSR-17-004-003. A PAPER PRESENTED TO THE FOURTH SYMPOSIUM ON REMOTE SENSING OF THE ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, APRIL 1966. STAR N66-36083.
NR-H9-00-000-00297	FREQUENCY DEPENDENCE AND SURFACE ROUGHNESS. CRES TECHNICAL REPORT 48-17. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KAN. CONTRACT NUMBERS NSF GP-2259 AND GK-875. PUBLISHED IN PROCEEDINGS OF THE IEEE, V.54, NO.10, OCTOBER 1966, P 1482.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00298	SCATTERING AND DEPOLARIZATION OF EM WAVES FROM A ROUGH SURFACE. CRES TECHNICAL REPORT 48-13. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GP-2259 AND NSG-298. PUBLISHED IN PROCEEDINGS OF THE IEEE, V.54, NO.3, MARCH 1966, P 395-396.
NR-H9-00-000-00299	THE CORRELATION FUNCTION IN KIRCHOFF'S METHOD OF SOLUTION OF SCATTERING OF WAVES FROM STATISTICALLY ROUGH SURFACES. CRES TECHNICAL REPORT 48-14. A.K. FUNG AND R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GP-2259 AND NSG-298. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, V.71, NO.12, JUNE 15, 1966, P 2939-2943.
NR-H9-00-000-00300	NOTES ON BACKSCATTERING AND DEPOLARIZATION BY GENTLY UNDULATING SURFACES. CRES TECHNICAL REPORT 48-12. A.K. FUNG, R.K. MOORE AND B.E. PARKINS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GP-2259 AND NSG-298. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, V.70, NO.6, MARCH 15, 1965, P 1559-1562.
NR-H9-00-000-00301	VECTOR SCATTER THEORY APPLIED TO MOON AND VENUS RADAR RETURN. CRES TECHNICAL REPORT 48-16. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSF GP-2259. PUBLISHED IN THE PROCEEDINGS OF THE IEEE, V.54, NO.7, JULY 1966, P 996-998.
NR-H9-00-000-00304	ELECTRONIC PROCESSING FOR SYNTHETIC APERTURE ARRAY RADAR. CRES TECHNICAL MEMORANDUM 61-48. R.K. MOORE AND J.W. ROUSE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. PUBLISHED IN PROCEEDINGS OF THE IEEE, V.55, NO.2, FEBRUARY 1967, P 233-234.
NR-H9-00-000-00305	EFFECTS OF STRUCTURE SIZE ON MOON AND EARTH RADAR RETURNS AT VARIOUS ANGLES. CRES TECHNICAL REPORT 48-11. A.K. FUNG AND R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSG-477 AND NSG-298. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, V.69, NO.6, MARCH 15, 1964. STAR N64-19586.
NR-H9-EJ-002-00306	TERRAIN DISCRIMINATION BY RADAR IMAGE POLARIZATION COMPARISON. CRES TECHNICAL MEMORANDUM 61-45. R.K. MOORE AND L.F. DELLWIG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC. ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSR-17-004-003. PUBLISHED IN PROCEEDINGS OF THE IEEE V.54, NO.9, SEPTEMBER 1966, P 1213-1214.
NR-H9-00-000-00307	ON DEPOLARIZATION OF ELECTROMAGNETIC WAVES BACKSCATTERED FROM A ROUGH SURFACE. CRES TECHNICAL REPORT 48-15. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GP-2259 AND NSG-298. PUBLISHED IN PLANETARY SPACE SCIENCE, V.14, 1966, P 563-568.
NR-H9-00-000-00309	CHARACTER OF WAVE DEPOLARIZATION BY A PERFECTLY CONDUCTING ROUGH SURFACE AND ITS APPLICATION TO EARTH AND MOON EXPERIMENTS. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GK-1153 AND GK-875. PUBLISHED IN PLANETARY SPACE SCIENCE, V.15, 1967, P 1337-1347.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00310	MECHANISMS OF POLARIZED AND DEPOLARIZED SCATTERING FROM A ROUGH DIELECTRIC SURFACE. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GK-1153 AND GK-875. PUBLISHED IN JOURNAL OF THE FRANKLIN INSTITUTE, V.285, NO.2, FEBRUARY 1968, P 125-133.
NR-H9-00-000-00311	REFLECTION OF ELECTROMAGNETIC WAVES FROM A TWO DIMENSIONALLY INHOMOGENEOUS MEDIUM. A.K. FUNG AND C.M. TU, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER NSF GK-1153. PUBLISHED IN THE SOUTHWESTERN IEEE CONFERENCE RECORD, 1967, P 12-4-1 TO 12-4-7.
NR-H9-00-000-00312	OMNIDIRECTIONAL SCATTERING OF ACOUSTIC WAVES FROM ROUGH SURFACES OF KNOWN STATISTICS. R.K. MOORE AND B.E. PARKINS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GP2259 AND NSG-298. PUBLISHED IN JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, V.40, NO.1, JULY 1966, P 170-175.
NR-H9-00-000-00313	THEORY OF CROSS POLARIZED POWER RETURNED FROM A RANDOM SURFACE. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GP-2259 AND GK-875. PUBLISHED IN APPLIED SCIENTIFIC RESEARCH, V.18, AUGUST 1967, P 50-60.
NR-H9-00-000-00314	OMNIDIRECTIONAL SCATTERING OF ACOUSTIC WAVES BY ROUGH, IMPERFECTLY REFLECTING SURFACES. B.E. PARKINS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GP-2259 AND NSG-298. PUBLISHED IN JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, V.41, NO.1, JULY 1967, P 126-134.
NR-H9-00-000-00315	HIGH FREQUENCY BACKSCATTER FROM THE EARTH MEASURED AT 1000 KM ALTITUDE. R.C. CHIA, A.K. FUNG AND R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NO. NSG-477. PUBLISHED IN RADIO SCIENCE, JOURNAL OF RESEARCH NBS/USNC-URSI, V.69D, NO.4, APRIL 1965, P 641-649.
NR-H9-00-000-00316	A NOTE ON THE WIENER-KHINTCHINE THEOREM FOR AUTOCORRELATION. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GK-875 AND GK-1153. PUBLISHED IN PROCEEDINGS OF THE IEEE, V.55, NO.4, APRIL 1967, P 594-595.
NR-H9-EJ-000-00317	AN AIRBORNE MULTISPECTRAL TELEVISION SYSTEM. C.J. ROBINOVE AND H.E. SKIBITZKE, U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION, WASHINGTON, D.C., AND PHOENIX, ARIZONA. PUBLISHED IN U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 575-D, 1967. STAR N69-30689
NR-H9-EJ-002-00318	RADAR SCATTEROMETER DATA ANALYSIS TECHNIQUES. R.K. MOORE, W.P. WAITE, ET. AL., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. PUBLISHED IN PROCEEDINGS, FIFTH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, APRIL 18-18, 1968.
NR-H9-00-000-00319	BISTATIC MEASUREMENTS OF ACOUSTIC WAVES SCATTERED FROM A STATISTICALLY ROUGH KNOWN SURFACE. CRES TECHNICAL REPORT 48-9. W.D. BOLES, A.K. FUNG AND R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBERS NSF GP-2259 AND GK-1153. PRESENTED AT THE 1966 FALL INTERNATIONAL SCIENTIFIC RADIO UNION MEETING, PALO ALTO, CALIFORNIA.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00320	RESEARCH IN RADAR SCATTEROMETRY AND ALTIMETRY. R.K. MOORE AND A.W. BIGGS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. CONTRACT NUMBER N62306-67-C-0044. INCLUDED IN NINTH MEETING OF THE AD HOC SPACECRAFT OCEANOGRAPHY ADVISORY GROUP, TECHNICAL PAPERS, JANUARY 23-24, 1968, TEXAS A+M UNIVERSITY, COLLEGE STATION, TEXAS.
NR-H9-00-000-00330	GROUND CURRENT PATTERNS OF THE SOUTHERN CALIFORNIA HVDC SEA ELECTRODE. I.C. BECHTOLD, LA HABRA, CALIFORNIA, AND W.R. SMYTHE, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. PAPER NO. 38, PREPRINT, NATIONAL ASSOCIATION OF CORROSION ENGINEERS, 1968 CONFERENCE, CLEVELAND, OHIO.
NR-H9-00-000-00349	DUAL CHANNEL SCANNING RADIONETER, FINAL REPORT. RCA, PRINCETON, NEW JERSEY. JAN. 1968. REPORT NOS. NASA-CR-95618 AND AED-R-3278. CONTRACT NO. NAS5-10414. STAR N69-28504.
NR-H9-00-000-00354	SENSOR PERFORMANCE AND THE VEHICLE. PAUL L. PRYOR, USAF, WRIGHT-PATTERSON AFB, OHIO. PUBLISHED IN AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER NO. 70-291. A70-22853 MICROFICHE COPY.
NR-H9-00-000-00355	O MIKROFILMIROVANII AERONEGATIVOV. (MICROFILMING OF AERIAL NEGATIVES). V. IA. MIKHAILOV, USSR. PUBLISHED IN GEODEZIJA I KARTOGRAFIJA, VOL. 14, NO. 10, 1969. PP.67-71. A70-18692 MICROFICHE COPY.
NR-H9-00-000-00356	OPYT PROIZVODSTVENNOGO PRIMENENIIA SAMOLETNOGO RADIODALNO-MERA PRI SENKE V MASSHTABE 1.25,000. (EXPERIMENTAL APPLICATION OF AN AIRCRAFT RANGE-ONLY RADAR IN SURVEYS ON A SCALE OF 1.25,000). PUBLISHED IN GEODEZIJA I KARTOGRAFIJA, VOL. 14, NO. 11, 1969. PP.29-35. A70-19632. MICROFICHE COPY.
NR-H9-00-000-00359	PROGRESS IN HOLOGRAPHY. D. GABOR, IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY, LONDON, ENGLAND. PUBLISHED IN REPORTS ON PROGRESS IN PHYSICS, VOL. 32, PART 1, 1969. PP.395-404. A70-189. MICROFICHE COPY.
NR-H9-00-000-00362	THE THEORY AND CONSTRUCTION OF A PROPOSED SUPERCONDUCTING AEROMAGNETIC GRADIOMETER. MATTI OTALA, OLLAN YLIOPISTO, OULU, FINLAND. PUBLISHED IN ACTA POLYTECHNICA SCANDINAVICA, ELECTRICAL ENGINEERING SERIES, NO. 21, 1969. A70-10289. MICROFICHE COPY.
NR-H9-EJ-998-00363	APOLLO 9 MISSION REPORT. REPORT NO. MSC-PA-R-69-2. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. MAY 1969.
NR-H9-00-000-00364	TECHNICAL INFORMATION SUMMARY, APOLLO-9 (AS-504), APOLLO SATURN V SPACE VEHICLE. REPORT NUMBER R-ASTR-S-69-7. GEORGE C. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. FEBRUARY 3, 1969.
NR-H9-00-000-00365	APOLLO 8 MISSION REPORT. REPORT NO. MSC-PA-R-69-1. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. FEBRUARY 1969.
NR-H9-00-000-00366	APOLLO VIII PHOTOGRAPHIC PROCESSING STANDARDS. SUMMARY REPORT, REPORT NUMBER DTR-69-4. KENNETH B. NEWMAN, ET. AL. DATA CORPORATION, HOUSTON, TEXAS. MAY 1969. CONTRACT NO. NAS 9-7003.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00386	EARTH SCIENCE APPLIED TO MILITARY USE OF NATURAL TERRAIN. AIR FORCE SURVEYS IN GEOPHYSICS, NO. 211. REPORT NO. AFRL-69-0364. STANLEY M. NEEDLEMAN, EDITOR AND CONTRIBUTOR, AND CARLTON E. MOLINEUX, CONTRIBUTOR, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, L.G. HANSCOM FIELD, BEDFORD, MASS. AUG. 1969. AD-704 140 N70-31335
NR-H9-EJ-998-00389	THE STANFORD INFRARED SPECTRA PROCESSING PACKAGE. STANFORD RSL TECH REPORT 69-3. JOHN R. MOORE, STANFORD UNIVERSITY, REMOTE SENSING LABORATORY, STANFORD, CALIFORNIA. MAY 1969. CONTRACT NUMBER NAS 9-7313.
NR-H9-00-000-00378	AERIAL PHOTOGRAPHY, PART 2. CARL H. STRANDBERG, PUBLISHED IN PHOTOGRAPHIC APPLICATIONS IN SCIENCE, TECHNOLOGY AND MEDICINE, WINTER 1968/1969, VOL. 2. NO.9 P.41-47.
NR-H9-00-000-00379	NOTES ON CALIBRATION OF CAMERAS AND PHOTOGRAPHS IN PHOTOGRAMMETRY. B. HALLERT, INSTITUTE FOR PHOTOGRAMMETRY, ROYAL TECHNICAL UNIVERSITY, STOCKHOLM, SWEDEN. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 23, NO. 5, SEPT. 1968. PP.163-178.
NR-H9-00-000-00380	AERIAL PHOTOGRAPHY. PART 1. CARL H. STRANDBERG, PUBLISHED IN PHOTOGRAPHIC APPLICATIONS IN SCIENCE, TECHNOLOGY AND MEDICINE. VOL. 2, NO. 8, P.25-31. FALL 1968
NR-H9-00-000-00381	AERIAL PHOTOGRAPHY. PART 3. CARL H. STRANDBERG, PUBLISHED IN PHOTOGRAPHIC APPLICATIONS IN SCIENCE, TECHNOLOGY AND MEDICINE. VOL. 2, NO. 10, P.23-30. MARCH 1969.
NR-H9-00-000-00382	EARTH RESOURCES DETERMINATION WITH TERRAIN IMAGING RADAR. L.C. GRAHAM, GOODYEAR AEROSPACE CORP., LITCHFIELD PARK, ARIZONA. PUBLISHED IN RESOURCES ROUNDUP, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, REGION SIX CONFERENCE, PHOENIX, ARIZONA, APRIL 1969, TECHNICAL PAPERS, PP.89-95.
NR-H9-00-000-00384	CLOUD HEIGHT CONTOURING FROM APOLLO 6 PHOTOGRAPHY. BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY. VOL. 50, NO. 7. PP. 522-528. VICTOR S. WHITEHEAD, IVAN D. BROWN, AND JOE G. GARCIA, NASA/MSC EARTH RESOURCES DIVISION, HOUSTON, TEXAS. JULY 1969
NR-H9-00-000-00385	MONOCHROMATIC PHOTOGRAPHY IN THE EXTREME ULTRAVIOLET. W.M. BURTON, UNITED KINGDOM ATOMIC ENERGY AUTHORITY, CULHAM LABORATORY, ABINGDON, BERKS. PUBLISHED IN JOURNAL OF SCIENTIFIC INSTRUMENTS, V. 42, JULY 1965, P.477-479.
NR-H9-00-000-00386	SPACE AND TIME RESPONSE OF AIRBORNE RADIATION SENSORS FOR THE MEASUREMENT OF GROUND VARIABLES. JOHN A. DUTTON, UNIVERSITY OF WISCONSIN, DEPARTMENT OF METEOROLOGY, MADISON, WISCONSIN. PUBLISHED IN JOURNAL OF GEOPHYSICAL RESEARCH, V.67, NO.1, JANUARY 1962, P.195-205.
NR-H9-00-000-00388	PHOTOGRAPHIC RESPONSE TO SUCCESSIVE EXPOSURES OF DIFFERENT TYPES OF RADIATION. MARGARETE EHRLICH AND WILLIAM L. MCLAUGHLIN, NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, V.51, NO.11, NOVEMBER 1961, P.1172-1181.
NR-H9-00-000-00389	METHODS FOR AUTOMATIC COMPENSATION OF THE EMISSION COEFFICIENT IN MEASURING THE PLASMA TEMPERATURE WITH RESPECT TO RADIO-FREQUENCY THERMAL RADIATION. G.L. IOSEL'SON, KHAR'KOV STATE INSTITUTE OF MEASURES AND MEASURING INSTRUMENTS, USSR. TRANSLATED FROM TEPLOFIZIKA VYSOKIKH TEMPERATUR, V.1, NO.3, NOV.-DEC. 1963, P.437-442. PUBLISHED IN HIGH TEMPERATURE, V.1, NOV.-DEC. 1963, P.391-5.
NR-H9-00-000-00390	THE USE OF A PLASTIC SCINTILLATOR AS AN AIRBORNE GAMMA RADIATION DETECTOR. J.C. DUGGELBY, AUSTRALIAN ATOMIC ENERGY COMMISSION, SUTHERLAND, N.S.W., AUSTRALIA. PUBLISHED IN JOURNAL OF SCIENTIFIC INSTRUMENTS, V.42, 1965, P.772-773.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00394	STRUCTURE AND INTERPRETATION OF THE OUTWARD RADIATION FIELD AS MEASURED BY TIROS II AND TIROS III. E.P. BORISENKOV, YU.P. DORONIN, AND K.YA. KONDRAT'EV. TRANSLATED FROM KOSMICHESKIE ISSLEDOVANIYA, V.3, NO.3, MAY-JUNE 1965, P.433-443.
NR-H9-00-000-00398	CERTAIN PROBLEMS IN THE INTERPRETATION OF MEASUREMENT DATA ON OUTGOING RADIATION OBTAINED WITH METEOROLOGICAL SATELLITES. K.YA. KONDRAT'EV. TRANSLATED FROM KOSMICHESKIE ISSLEDOVANIYA, V.1, NO.1, JULY-AUGUST 1963, P.98-112.
NR-H9-FJ-998-00405	THE EFFECT OF AMPLIFIER SATURATION ON A DOPPLER SCATTEROMETER. CRES TECHNICAL REPORT 118-17. G.A. BRADLEY, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JULY 1969. CONTRACT NO. NAS 9-7175.
NR-H9-EJ-003-00406	MICROWAVE RADIOMETRIC TEMPERATURES OF TERRAIN. REPORT NO. 1903-2. R.L. RIEGLER, DEPARTMENT OF ELECTRICAL ENGINEERING, OHIO STATE UNIVERSITY RESEARCH FOUNDATION, COLUMBUS, OHIO. JUNE 30, 1966. CONTRACT NO. NSR-36-008-027. STAR NUMBER N66-31370.
NR-H9-00-000-00409	FLIGHT FILM CONTROL FRISKETS APOLLO IX. REPORT NO. DTN 69-4 TERRY D. GLAZE, KENNETH B. NEWMAN, ET. AL., DATA CORP. DAYTON, OHIO. JULY 1969. CONTRACT NUMBER NAS 9-7003.
NR-H9-GH-162-00416	AERIAL PHOTOGRAPHY. MAHLON G. KELLY, NEW YORK UNIVERSITY, DEPT. OF BIOLOGY, BRONX, N.Y. AND ALFRED CONROD, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS., PUBLISHED IN BIOSCIENCE, VOL. 19, NO. 4, APRIL 1969. PP.352-353.
NR-H9-00-000-00417	BEYOND VISION. SENSORS ALOFT PROMISE NEW AEROSPACE GROWTH. JONATHAN EBERHART, SCIENCE SERVICE, WASHINGTON, D.C. PUBLISHED IN SCIENCE NEWS, JUNE 1968. VOL. 93. PP.527-528.
NR-H9-EJ-029-00418	IMPROVING THE PHOTOGRAMMETRIC CHARACTERISTICS OF AERIAL CAMERAS. CLAIRE L. MORTON, FAIRCHILD SPACE AND DEFENSE SYSTEMS, SYOSSET, NEW YORK. PUBLISHED IN OPTICAL SPECTRA, JAN.-FEB. 1968. PP.64-69.
NR-H9-00-000-00420	IMAGE QUALITY IN AERIAL PHOTOGRAPHY. LOUIS ROSENBLUM, PHOTOGRAPHIC SYSTEMS CO., PUBLISHED IN OPTICAL SPECTRA, JAN./FEB. 1968. PP.71-73.
NR-H9-EJ-998-00421	APPLICATIONS OF SCIENTIFIC SPACE IMAGERY. DR. FRANK J. WOBBER, IEM CORP., FEDERAL SYSTEM DIV., BETHESDA, MD. PUBLISHED IN SIGNAL, OCTOBER ISSUE, 1968.
NR-H9-00-000-00426	THE STANFORD INFRARED SPECTRA PROCESSING PACKAGE. RSL TECHNICAL REPORT 69-3. JOHN R. MOORE, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. (WITH SUBSEQUENT MODIFICATION BY MICHAEL HEATHMAN) MAY 1969. CONTRACT NUMBER NAS9-7313.
NR-H9-00-000-00430	SENSITIVITY ENHANCEMENT OF A LIMITED POWER EARTH SENSING RADAR. CRES TECHNICAL MEMORANDUM 118-14. RALPH W. GERCHBERG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. AUGUST 1969. CONTRACT NUMBERS NAS 9-7175 AND DAAR02-68-C-0089.
NR-H9-00-000-00432	ATMOSPHERIC LIMITS ON THE OBSERVATIONAL CAPABILITIES OF AEROSPACECRAFT. TN D-4940. JOHN C. EVVARD, LEWIS RESEARCH CENTER, CLEVELAND, OHIO. DECEMBER 1968. STAR N69-12934.
NR-H9-00-000-00446	A MICROWAVE SCANNING RADIOMETER. KLANS KUENZI AND ERWIN SCHANDA, INSTITUTE OF APPLIED PHYSICS, UNIVERSITY OF BERN, BERN, SWITZERLAND. PUBLISHED IN IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, SEPT. 1968. VOL. MTT-16, PP.789-791.



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00449	MACHINE LANGUAGE PROGRAMS AND ROUTINES FOR THE COMPUTER OF THE O.M.I.-BENDIX ANALYTICAL PLOTTER AP-2C. PHOTOGRAMMETRY SERIES NO. 1, PART 1. G. KONECNY AND S.E. MASRY, DEPARTMENT OF SURVEYING ENGINEERING, UNIVERSITY OF NEW BRUNSWICK, FREDERICTON, N.B. CANADA. AUGUST 1969
NR-H9-00-000-00450	REMOTE SENSING. VISION BEYOND SIGHT. RONALD J.P. LYON AND ROGER S. VICKERS, SCHOOL OF EARTH SCIENCES, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. OCTOBER 1966. PUBLISHED IN STANFORD TODAY, SERIES 1, NO. 17, PP.2-7.
NR-H9-00-000-00451	MATRIX TREATMENT OF THE ERROR ELLIPSOID. PHOTOGRAMME SERIES NO. 24. R.C. MALHOTRA, UNIVERSITY OF ILLINOIS, URBANA, ILL. AUGUST 1969. CONTRACT NUMBER NATIONAL SCIENCE FOUNDATION GK-1888.
NR-H9-EJ-998-00452	MULTISPECTRAL COLOR SPACE PHOTOGRAPHY. SCIENCE REPORT OF APOLLO 9 MISSION 70MM AND SUPPORTING AIRCRAFT PHOTOGRAPHY. REPORT NO. SERG-TR-09. EDWARD YOST, ROBERT ANDERSON, AND SONDR A WENDEROTH, SCIENCE ENGINEERING RESEARCH GROUP, LONG ISLAND UNIVERSITY, GREENVALE, NEW YORK. JULY 1, 1969. CONTRACT NUMBER NAS9-9341.
NR-H9-00-000-00453	HEIGHTS FROM SIMULTANEOUS RADAR AND INFRARED. R.K. MOORE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. REPRINTED FROM PHOTOGRAMMETRIC ENGINEERING, P.649-651, JULY 1969.
NR-H9-EJ-029-00455	PATTERN RECOGNITION WITH MEASUREMENT SPACE AND SPATIAL CLUSTERING FOR MULTIPLE IMAGES. CRES REPRINT 133-1. R.M. HARALICK, AND G.L. KELLY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. CONTRACT NO. DAAK02-68-C-0089. REPRINTED FROM THE PROCEEDINGS OF THE IEEE, VOL. 57, NO. 4, APRIL 1969.
NR-H9-00-000-00456	THE RADAR RADIOMETER. CRES REPRINT 133-2. R.K. MOORE AND FAWWAZ T. ULABY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. REPRINTED FROM THE PROCEEDINGS OF THE IEEE, VOL. 57, NO. 4, APRIL 1969. P.587-590.
NR-H9-00-000-00457	PANCHROMATIC AND POLYPANCHROMATIC RADAR. CRES REPRINT 133-3 R.K. MOORE, W.P. WAITE, AND J.W. ROUSE, JR., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. REPRINTED FROM THE PROCEEDINGS OF THE IEEE, VOL. 57, NO. 4, APRIL 1969. P.590-593.
NR-H9-00-000-00462	RADAR POLARIZATION EFFECTS. REPORT NO. JPRS 46624. D.B. KANAREYKIN, ET. AL. USSR. OCTOBER 1968. STAR N68-38217
NR-H9-00-000-00463	METODO FOTOGRAFOMETRICO Y DE COMPUTO ELECTRONICO APLICADO AL PROYECTO DE UN CAMINO. LUIS AVILES DIAZ DE LEON, UNIVERSITY OF SAN LUIS POTOSI, SCHOOL OF ENGINEERING, MEXICO. AUGUST 1967. STAR N68-85354.
NR-H9-00-000-00472	ACCURACY OF DETERMINING SENSOR BORESIGHT POSITION DURING AIRCRAFT FLIGHT-TEST. W.G. EPPLER, LOCKHEED ELECTRONICS CO. HOUSTON, TEXAS. CONTRACT NUMBER NAS 9-5191.
NR-H9-EJ-027-00473	MULTISPECTRAL TERRAIN PHOTOGRAPHY ON APOLLO 9. PAUL D. LOWMAN, JR., GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PUBLISHED IN GEOTIMES, JULY-AUGUST, 1969. P. 17.
NR-H9-00-000-00474	WITH A CAMERA IN SPACE. REPORT NO. U.D.C. NO.77.044. MAJOR GERMAN THOV, USSR. PUBLISHED IN PRIRODA. 1961. P.8-9. MICROFICHE COPY.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00476	EULOGISMOGRAPHIC NONLINEAR OPTICAL IMAGE PROCESSING FOR PATTERN RECOGNITION. J.K. HAWKINS AND C.J. MUNSEN, PHILCO RESEARCH LABORATORIES, NEWPORT BEACH, CALIFORNIA. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 54, NO. 8, AUGUST 1964. PP.998-1003.
NR-H9-00-000-00479	PRINCIPLES OF OPTICAL DATA PROCESSING FOR ENGINEERS. REPORT NO. TM X-55767. A.R. SHULMAN, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. AUGUST 1966. STAR N67-26633.
NR-H9-00-000-00484	THEORETICAL AND EXPERIMENTAL ASPECTS OF LASER PHOTOGRAPHY. DR. BRIAN J. THOMPSON, TECHNICAL OPERATIONS WEST, MT. VIEW, CALIF. PROCEEDINGS S.P.I.E. LASER RANGE INSTRUMENTATION SEMINAR-IN-DEPTH, OCT. 1967, EL PASO, TEXAS. P.69-79. IAA A68-29046.
NR-H9-00-000-00485	NEW IDEAS AND NEW WORK AT THE FIFTH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT - CASE 710. B.E. SABLES, RESOURCES TECHNOLOGY CORP., HOUSTON, TEXAS, AND W.L. SMITH, BELLCOMM, INC., WASHINGTON, D.C. MAY 1968. PRESENTED AT THE FIFTH SYMPOSIUM ON THE REMOTE SENSING OF ENVIRONMENT, ANN ARBOR, MICHIGAN, APRIL 16-18, 1968. STAR X68-87063.
NR-H9-EJ-019-00486	RELATING REMOTE SENSOR SIGNALS TO GROUND-TRUTH INFORMATION. W.G. EPPLER, LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS, AND ROY D. MERRILL, LOCKHEED PALO ALTO RESEARCH LAB. PALO ALTO, CALIF. JANUARY 1969. CONTRACT NO. NAS9-7313. PUBLISHED IN PROCEEDINGS OF THE IEEE, VOL. 57, NO. 4, APRIL 1969. PP.665-657.
NR-H9-GH-998-00488	IMAGE-TONE ENHANCEMENT. DONALD S. ROSS, PHILCO-FORD CORP., SPACE AND RE-ENTRY SYSTEMS DIV., PALO ALTO, CALIFORNIA. PRESENTED AT THE AMERICAN SOCIETY OF PHOTOGRAMMETRY AND AMERICAN CONGRESS OF SURVEYING AND MAPPING, WASHINGTON, D.C. 1969.
NR-H9-00-000-00493	A DISCUSSION OF SOME PRACTICAL CONSIDERATIONS IN THE ACQUISITION AND ANALYSIS OF MULTISPECTRAL PHOTOGRAPHY. D.S. ROSS, PHILCO-FORD CORP., SPACE AND RE-ENTRY SYSTEMS DIV., PALO ALTO, CALIFORNIA. PRESENTED AT THE FIFTH MEETING OF THE AD HOC SPACECRAFT OCEANOGRAPHY ADVISORY GROUP, JOHN F. KENNEDY SPACE CENTER, COCOA BEACH, FLA. JANUARY 1967.
NR-H9-00-000-00494	COMPARATIVE PHOTOINTERPRETATION FROM PANCHROMATIC, COLOR AND EKTACHROME IR PHOTOGRAPHY. ABRAHAM ANSON, U.S. ARMY CORPS OF ENGINEERS, FORT BELVOIR, VIRGINIA. PRESENTED AT SEMI-ANNUAL CONVENTION OF THE AMERICAN SOCIETY OF PHOTOGRAMMETRY IN DAYTON, OHIO. SEPT.22-24, 1965. STAR X67-88032.
NR-H9-00-000-00502	LASER WAVE PROPAGATION THROUGH THE ATMOSPHERE. H. HODARA, TETRA TECH, INC., PASADENA, CALIF. REPRINTED FROM THE PROCEEDINGS OF THE IEEE, VOL. 54, NO. 3, MARCH 1966, PP.368-375.
NR-H9-00-000-00503	EFFECTS OF A TURBULENT ATMOSPHERE ON THE PHASE AND FREQUENCY OF OPTICAL WAVES. H. HODARA, TETRA TECH, INC., PASADENA, CALIFORNIA. REPRINTED FROM THE PROCEEDINGS OF THE IEEE, VOL. 56, NO. 12, DEC. 1968, PP.2130-2136.
NR-H9-00-000-00510	ON THE APPLICATION OF MAN-MACHINE COMPUTING SYSTEMS TO PROBLEMS IN REMOTE SENSING. PHILIP H. SWAIN AND DON A. GERMANN, LABORATORY FOR REMOTE SENSING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. CONTRACT NO. 12-14-100-8926(20). PRESENTED AT THE 11TH MIDWEST SYMPOSIUM ON CIRCUIT THEORY, NOTRE DAME UNIVERSITY, INDIANA, MAY 13-14, 1969. P.241-250.
NR-H9-00-000-00515	THE INTERPRETOSCOPE, A NEW INSTRUMENT FOR PHOTOGRAPHIC INTERPRETATION. BY K. HERDA. PUBLISHED IN VERMESSUNGSTECHNIK, (ARMY) (GEODETIC TECHNOLOGY) NO. 12, 1965, PP.457-460. STAR X69-12733.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-HJ-092-00516	(U) DEGRADATION OF IMAGERY FROM OPTICAL-MECHANICAL SCANNERS, MOISTURE CONDENSATION ON OPTICS. REPORT NUMBER AFCHL-67-0398. RICHARD S. WILLIA, JR., AND ROBERT W. FENN, U.S. AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. JUNE 1967. STAR X67-23248.
NR-H9-00-000-00520	A STATISTICAL STUDY OF TARGET TEMPERATURE. FINAL REPORT. TECHNICAL REPORT NO. RADC-TR-66-160. M. LOTMAN AND J. ACKERMAN, AERO SERVICE CORP., PHILADELPHIA, PA. AUGUST 1966. STAR X67-13186.
NR-H9-DJ-024-00521	EARTHQUAKE PREDICTION FROM LASER SURVEYING. NASA SP-5042. R.A. FOWLER, NORTH AMERICAN ROCKWELL CORP., DOWNEY, CALIF. 1968. CONTRACT NUMBER NASW-977.
NR-H9-DK-007-00524	TECHNIQUES FOR QUALITATIVE EVALUATION OF INFRARED IMAGERY. J.R. ELIASON, BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST LABORATORY, RICHLAND, WASHINGTON. FEBRUARY 1968.
NR-H9-00-000-00527	NARROW-BAND ULTRAVIOLET FILTER PHOTOGRAPHY. REPORT NO. AFDDL-TR-66-140. VERNON L. MANGOLD, U.S. AIR FORCE AVIONICS LABORATORY, WRIGHT-PATTERSON AIR FORCE BASE, OHIO. OCTOBER 1966. STAR X67-17083.
NR-H9-00-000-00532	REMOTE SENSING PAPERS AT THE AAAS-IMPACT AND IMPLICATIONS. JAMES P. LATHAM, FLORIDA ATLANTIC UNIVERSITY, DEPT. OF GEOGRAPHY, BOCA RATON, FLORIDA. JUNE 1967. CONTRACT NUMBER NONR 4761(00). MICROFICHE AND HARD COPY. STAR N68-81060.
NR-H9-EJ-998-00538	APOLLO TESTS FOUR-CAMERA TERRAIN STUDY. PAUL D. LOWMAN, NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. PUBLISHED IN SPACE TECHNOLOGY INTERNATIONAL, VOL. 12, NO. 3, JULY 1969. PP.19-26.
NR-H9-00-000-00539	EXTERNAL GEOMETRIC EFFECTS ON IMAGERY FROM AN EARTH RESOURCES TECHNOLOGY SATELLITE. ALDEN P. COLVOCORESSES, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. AUGUST 1969.
NR-H9-EJ-027-00540	SURVEYING THE EARTH FROM 20,000 MILES. A.P. COLVOCORESSES, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE ANNUAL CONVENTION OF THE SOCIETY OF PHOTOGRAPHIC SCIENTISTS AND ENGINEER. MAY 1969.
NR-H9-00-000-00542	ORBITAL SURVEYS OF THE EARTH. WILLIAM A. FISCHER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. MAY 1967.
NR-H9-EJ-011-00543	DIGITAL REGISTRATION OF MULTISPECTRAL VIDEO IMAGERY. PAUL E. ANUTA, LABORATORY FOR AGRICULTURAL REMOTE SENSING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. CONTRACT NUMBER 12-14-100-9549 (20). PUBLISHED IN SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS JOURNAL, VOL. 7, NO. 6, SEPTEMBER 1969. PP.168-175.
NR-H9-00-000-00549	APPLICATIONS OF HOLOGRAPHY IN ENVIRONMENTAL SCIENCE. J.D. TROLINGER, ET AL., UNIVERSITY OF TENNESSEE, SPACE INSTITUTE, TULLAHOMA, TENN. PUBLISHED IN JOURNAL OF ENVIRONMENTAL SCIENCES, VOL. 12, NO. 5, OCT. 1969. PP.10-14.
NR-H9-00-000-00550	DEVELOPMENT AND USE OF AN AIRBORNE AIR MARKER FOR ATMOSPHERIC RESEARCH. KLAUS W. NIELSEN AND EDWIN X. BERRY, UNIVERSITY OF NEVADA, DESERT RESEARCH INSTITUTE, RENO, NEVADA. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 8, NO. 4, AUGUST 1969. PP.502-505.
NR-H9-00-000-00552	PRINCIPLES OF AERIAL PHOTOGRAPHY AND PHOTOGRAMMETRY. F.V. DROBISHEV, U.S. AIR FORCE, WRIGHT-PATTERSON AIR FORCE BASE, OHIO. JUNE 1967. MICROFICHE COPY. STAR N68-27136. AD-868 519

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00564	A SPECTROGONIOGRAPH FOR DETERMINATION OF THE INDICATRICES OF REFLECT--ETC. (U) K.H. MOLDAU, USSR. JAN. 1968. MICROFICHE COPY. STAR N68-11888.
NR-H9-GH-998-00566	STATUS OF AERIAL COLOR PHOTOGRAPHY IN GOVERNMENT AGENCIES. ABRAHAM ANSON, U.S. ARMY ENGINEER, GIMMADA, FORT BELVOIR, VIRGINIA. MAY 1968. MICROFICHE COPY. STAR N68-38142.
NR-H9-GJ-000-00567	AN AAR-32 AIRBORNE RADIOMETER SYSTEM. FINAL REPORT, DEC. 1967. SPERRY RAND CORP., CLEARWATER, FLORIDA. MICROFICHE COPY. STAR N68-38066.
NR-H9-00-000-00584	LASER RADAR APPLICATIONS. RONALD T.H. COLLIS, STANFORD RESEARCH INSTITUTE, AEROPHYSICS LAB., MENLO PARK, CALIF. PUBLISHED IN MICROWAVES, VOL. 8, MARCH 1969. PP.94-101
NR-H9-00-000-00586	COLOR CONTACT PRINTS FROM 70-MM. COLOR FILM. . PRODUCED BY SMALL PHOTO LAB. U.S.D.A. FOREST SERVICE RESEARCH NOTE PSW-185. RICHARD J. MYHRE AND RALPH J. CROXTON, PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION, U.S. FOREST SERVICE, BERKELEY, CALIFORNIA. 1968.
NR-H9-DJ-998-00588	SIDE LOOK RADAR. WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MARYLAND. 1968.
NR-H9-00-000-00590	PHOTOGRAPHIC RESOLVING POWER OF AERIAL RECONNAISSANCE LENSES AS A FUNCTION OF TARGET MODULATION. TECHNICAL REPORT 28. JAMES WILLIAM MAYO III, UNIVERSITY OF ARIZONA, OPTICAL SCIENCES CENTER, TUCSON, ARIZONA. AUGUST 1969.
NR-H9-00-000-00591	DUAL RADIOMETER ASSEMBLY FOR PROJECT SCANNER. NASA CR-1086. STILLMAN C. CHASE, SANTA BARBARA RESEARCH CENTER, GOLETA, CALIFORNIA. JULY 1968. CONTRACT NUMBER NAS 1-3827.
NR-H9-00-000-00593	THE APPLICATIONS TECHNOLOGY SATELLITE IMAGE DISSECTOR CAMERA EXPERIMENT. NASA TN D-4186. G.A. BRANCH-LOWER, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. NOVEMBER 1967. STAR N68-10647.
NR-H9-00-000-00596	EFFECT OF IMAGE CONTRAST AND RESOLUTION ON PHOTOINTERPRETER TARGET DETECTION AND IDENTIFICATION. THOMAS L. COLUCCIO AND SHELTON MACLEOD, ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, NEW YORK. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 59, NO. 11, NOV. 1969. PP.1478-1481.
NR-H9-00-000-00597	INFRARED HOLOGRAPHY BY METHODS OF NONLINEAR OPTICS. E.S. VORONIN, N.I. DIVLEKEEV, ET AL., MOSCOW STATE UNIVERSITY, USSR. PUBLISHED IN JETP LETTER, VOL. 10, NO. 4, AUG. 1969. PP.108-110.
NR-H9-00-000-00603	SPECIFICATIONS FOR AFRIAL PHOTOGRAPHY. FOREST SERVICE, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. JANUARY 1969.
NR-H9-00-000-00606	SPATIOTEMPORAL CHROMATICITY DISCRIMINATION. GERARD J.C. VAN DER HORST AND MAARTEN A. BOUMAN, PHYSICS LABORATORY, DEPT. OF MEDICAL AND PHYSIOLOGICAL PHYSICS, THE NETHERLANDS. PUBLISHED IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 59, NO. 11, NOV. 1969. PP.1482-1488.
NR-H9-00-000-00609	MICROWAVE HOLOGRAPHY USING A TWO-BEAM INTERFERENCE METHOD. YOSHINAO AOKI, HOKKAIDO UNIVERSITY, DEPT. OF ELECTRONICS ENGINEERING, SAPPORO, JAPAN. PUBLISHED IN ELECTRONICS AND COMMUNICATIONS IN JAPAN, VOL. 52-B, NO. 1, 1969. PP.47-53.
NR-H9-EJ-998-00612	FOTOGRAFIA ORBITALE. UN NUOVO METODO PER OSSERVARE LA TERRA. FRANK J. WOBBER, IBM FEDERAL SYSTEM CENTER, GAITHERSBURG, MARYLAND. 1969. PUBLISHED IN ESTRATTI ENCICLOPEDIA DELLA SCIENZA E DELLA TECNICA MONDADORI, S AND T/69, ANNUARIO DELLA EST, PP.175-184.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00615	TRANSFER OF MICROWAVE RADIATION IN THE ATMOSPHERE. (PERENOS MIKROVOLNOVOGO IZLUCHENIYA V ATMOSFERE) TRANSACTIONS OF THE MAIN GEOPHYSICAL OBSERVATORY IM. A.I. VOYEYKOV, NO. 222. REPORT NO. NASA TT F-590. EDITED BY K.S. SHIFRIN, JULY 1969 N69-31851. ALSO MICROFICHE OF TT-69-55104 (N70-33405) A DIFFERENT TRANSLATION.
NR-H9-00-000-00617	MULTIBAND CAMERA MONOGRAPH. REPORT NO. 44. P.N. SLATER, UNIVERSITY OF ARIZONA, OPTICAL SCIENCES CENTER, TUCSON, ARIZONA. OCTOBER 1969.
NR-H9-00-000-00623	DIE UMFORMUNG PHOTOGRAMMETRISCH GEMESSENER KOORDINATEN. (THE TRANSFORMATION OF PHOTOGRAMMETRICALLY DETERMINED COORDINATES). RUDOLF FORSTNER, INSTITUT FUER ANGEWANDTE GEODASIE, FRANKFURT AM MAIN, WEST GERMANY. 1967. PUBLISHED IN AKADEMIE DER WISSENSCHAFTEN, MUNICH. DEUTSCHE GEODAETISCHE KOMMISSION. VEROFFENTLICHUNGEN. REIHE B. ANGEWANDTE GEODASIE. BAMBERG, HEFT 130. 1967. STAR N69-30650.
NR-H9-00-000-00626	THE APOLLO COLOR TELEVISION CAMERA. L.L. NIEMER, JR., WESTINGHOUSE DEFENSE AND SPACE CENTER, AEROSPACE DIV., BALTIMORE, MD. PUBLISHED IN WESTINGHOUSE ENGINEER, VOL. 29, NO. 6, NOV. 1969. PP.170-177. A70-33187.
NR-H9-00-000-00628	THE RANGE ERROR STATISTICS OF A SATELLITE RADAR ALTIMETER. TECHNICAL REPORT 112-2. HAN L. LEE, REMOTE SENSING LAB., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. SEPTEMBER 1969. CONTRACT NO. N 62306-67-C-0044.
NR-H9-00-000-00629	RADAR DETERMINATION OF THE SURFACE PROPERTIES OF RANDOMLY ROUGH SURFACES. A.K. FUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. PUBLISHED IN PROCEEDINGS OF IEEE, VOL. 56, DEC. 1968. PP.2163-2164.
NR-H9-00-000-00632	THERMAL MAPPING. RICHARD BLYTHE, AND ELLEN KURATH, THE BENDIX CORP., AEROSPACE SYSTEMS DIV., ANN ARBOR, MICHIGAN. PUBLISHED IN S.P.I.E. JOURNAL, VOL. 8, NO. 1, NOV. 1969. PP.18-23.
NR-H9-00-000-00635	MULTISENSOR RECONNAISSANCE. STUDENT TEXT TS-1-91. ARMED FORCES AIR INTELLIGENCE TRAINING CENTER, LOWRY AFB, COLORADO JUNE 1969.
NR-H9-00-000-00636	GRIDGING TECHNIQUE FOR SATELLITE PICTURES. E. DE DYCKER, ROYAL BELGIUM METEOROLOGICAL INSTITUTE, DEPT. OF APPLIED METEOROLOGY, BRUSSELS, BELGIUM. PUBLISHED IN INSTITUT ROYAL METEOROLOGIQUE DE BELGIQUE, PUBLICATIONS, SERIES B, NO. 56, 1969. PP.3-12. MICROFICHE COPY.
NR-H9-00-000-00640	OPTIMUM FINITE SEQUENTIAL PATTERN RECOGNITION. LARS INFORMATION NOTE 070767. K.S. FU AND G.P. CARDILLO, LABORATORY FOR AGRICULTURAL REMOTE SENSING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. JULY 1967. CONTRACT NUMBER 12-14-100-8926(20). STAR N68-17167.
NR-H9-00-000-00645	ON THE APPLICATION OF DISCRIMINANT ANALYSIS TO IDENTIFICATION IN AERIAL PHOTOGRAPHY. L.N. KANAL AND K.K. NAMBIAR, PHILCO SCIENTIFIC LAB., BLUE BELL, PA. PRESENTED AT THE 7TH NATIONAL CONVENTION ON MILITARY ELECTRONICS, SEPT. 1963. WASHINGTON, D.C. PP.416-419.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00651	MEASUREMENTS OF ELECTROMAGNETIC BACKSCATTERING FROM KNOWN, ROUGH SURFACES. JACQUES RENAULT AND JAMES A. COLLINSON, AMERICAN TELEPHONE AND TELEGRAPH CO., NEW YORK, N.Y. PUBLISHED IN THE BELL SYSTEM TECHNICAL JOURNAL, VOL. 44, NO. 10, DECEMBER 1965. PP.2203-2226.
NR-H9-00-000-00654	THE INTERPRETATION OF DAYTIME MEASUREMENTS BY THE NIMBUS I AND II HIGH RESOLUTION INFRARED RADIOMETERS. NASA TND-4552. G. KUERS, NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. JUNE 1968. STAR N68-25862.
NR-H9-00-000-00655	SATELLITE METEOROLOGY. TRANSLATED FROM SPUTNIKOVAYA METEOROLOGIYA, Leningrad. JULY 1969. NO. 11, PP.15-33, 98-104, 115-137, 145-159. STAR N69-36401.
NR-H9-00-000-00656	SMALL PAYLOAD POTENTIAL FOR EARTH RESOURCES. ALFRED I. SIBILA, LTV AEROSPACE CORP., DALLAS, TEXAS. PRESENTED AT BRITISH INTERPLANETARY SOCIETY INTERNATIONAL SUMMER SCHOOL ON EARTH RESOURCES SURVEY SATELLITES - JULY 14-15, 1969. CAMBRIDGE, ENGLAND. A70-24641.
NR-H9-EJ-998-00657	APOLLO 9 MULTISPECTRAL PHOTOGRAPHY - GEOLOGIC ANALYSIS. REPORT NO. X-644-69-423. PAUL D. LOWMAN, JR., NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. SEPTEMBER 1969. STAR N69-40203.
NR-H9-00-000-00658	ELECTRONIC RAPID-SCANNING SPECTROMETER. FINAL REPORT COVERING PERIOD FEB. 1965 - JULY 1968. REPORT NO. AFCL-68-0597. ALLEN J. STEED, JOHN C. KEMP, ET AL., UTAH STATE UNIVERSITY, ELECTRO-DYNAMICS LAB., LOGAN, UTAH. JULY 1969. CONTRACT NUMBER AF19(628)-4994. MICROFICHE COPY. STAR N69-34295.
NR-H9-00-000-00661	PHYSICAL BASIS AND TECHNICAL MEANS OF AERIAL METHODS. B.V. SHILIN, U.S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 1967. MICROFICHE COPY. STAR N69-33287.
NR-H9-00-000-00662	SATURATION OF SCINTILLATION MAGNITUDE IN NEAR-EARTH OPTICAL PROPAGATION. SUPERSEDES BRL-MR-1941. PAUL H. DELTZ AND NEAL J. WRIGHT, ABERDEEN PROVING GROUND, BALLISTIC RESEARCH LAB., MARYLAND. OCT. 1968. MICROFICHE COPY. STAR N69-20514.
NR-H9-00-000-00664	HOLOGRAPHY AND STEREOSCOPY. REPORT NO. AFOSR 69-14667R. NICHOLAS GEORGE AND J.T. MCCRICKERD, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. PRESENTED AT THE ANNUAL CONFERENCE ON PHOTOGRAPHIC SCIENCE AND ENGINEERING, LOS ANGELES, CALIFORNIA. MAY 1969. MICROFICHE COPY. STAR N69-35681
NR-H9-00-000-00665	INVESTIGATION OF THE INFRARED EMISSION SPECTRUM OF THE ATMOSPHERE AND EARTH. PART II, BALLOON-BORNE RADIOMETERS FOR MEASUREMENTS OF THE ATMOSPHERIC INFRARED RADIATION. FINAL REPORT. P. BURKERT, ET AL., LUDWIG-MAXIMILIANS UNIVERSITÄT, METEOROLOGISCHES INSTITUT, MUNICH, WEST GERMANY. OCTOBER 1968. MICROFICHE COPY. STAR N69-35175.
NR-H9-00-000-00669	SCATTERING OF WAVES FROM A ROUGH LAYER. CRES TECHNICAL REPORT 118-19. WILLIAM D. BOLES, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. SEPTEMBER 1969. CONTRACT NUMBERS NAS 9-7175 AND DAAK02-68-C-0089. STAR N70-15793.
NR-H9-00-000-00670	CONVERSION OF INFRARED IMAGES TO VISIBLE IN COLOR. L.W. NICHOLS AND J. LAMAR, U.S. NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA. PUBLISHED IN APPLIED OPTICS, VOL. 7, NO. 9, SEPT. 1968. PP.1757-1762.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-EJ-998-00676	MICROWAVE RADIOMETRIC INSTRUMENTATION FOR REMOTE SENSING APPLICATIONS. HERBERT G. PASCALAR, AEROMET-GENERAL CORP., EL MONTE, CALIFORNIA. PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, ANNUAL TECHNICAL SYMPOSIUM AND EXHIBORAMA, 14TH, SAN FRANCISCO, CALIF., AUG. 1969. PUBLISHED IN PHOTO-OPTICAL INSTRUMENTATION APPLICATIONS AND THEORY, VOL. 2, AUG. 1969. PP.217-234. A70-23763.
NR-H9-00-000-00677	CORRELATING REMOTE SENSOR SIGNALS WITH GROUND-TRUTH INFORMATION. WALTER G. EPPLER AND ROY D. MERRILL, LOCKHEED MISSILE AND SPACE CO., PALO ALTO, CALIFORNIA. NOVEMBER 1968. STAR N69-34996.
NR-H9-00-000-00678	THE APPLICATION OF A MULTISPECTRAL COLOR PHOTOGRAPHIC SYSTEM. EDWARD YOST, LONG ISLAND UNIVERSITY, GREENVALE, NEW YORK. PRESENTED AT THE PROCEEDINGS OF THE C.I.S./I.C.A.S., SYMPOSIUM ON AIR PHOTO INTERPRETATION, ONTARIO, CANADA, 1967. PP.176-182.
NR-H9-00-000-00683	RECURSIVE ALGORITHMS FOR PATTERN CLASSIFICATION USING MISCLASSIFIED SAMPLES. REPORT NO. TR-EE-68-14. NASA CR 96120. R.L. KASHYAP, PURDUE UNIVERSITY, SCHOOL OF ELECTRICAL ENGINEERING, LAFAYETTE, INDIANA. JUNE 1968.
NR-H9-00-000-00691	INTERPRETATION OF AERIAL PHOTOGRAPHS IN THEORY AND PRACTICE. TRANSLATED FROM RUSSIAN. V.M. BAKHVALOV, V.V. KOLTSOV, ET AL., MOSCOW. FOREIGN TECHNOLOGY DIV., AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AFB, OHIO. SELECTED ARTICLES FROM TEORIYA I PRAKTIKA DESHIFROVANIYA AEROSNIMKOV, (MOSCOW) 1966. PP.16-27, 55-60, 170-179. MICROFICHE COPY. STAR N69-18523 - N69-18526.
NR-H9-00-000-00693	DEBLURRING OF MOTION-BLURRED PHOTOGRAPHS USING EXTENDED-RANGE HOLOGRAPHIC FOURIER-TRANSFORM DIVISION. GEORGE W. STROKE, ET AL., NEW YORK STATE UNIVERSITY, ELECTRO-OPTICAL SCIENCE CENTER, STONY BROOK, N.Y. PUBLISHED IN OPTICS COMMUNICATIONS, VOL. 1, JULY-AUG. 1969. PP.141-145. MICROFICHE COPY.
NR-H9-00-000-00697	HOLOGRAPHIC PHOTOGRAMMETRY. J.D. REDMAN AND W.P. WOLTON, UNITED KINGDOM ATOMIC ENERGY AUTHORITY, BERKS, ENGLAND. PRESENTED AT INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND, JULY 1968. MICROFICHE COPY.
NR-H9-GJ-000-00698	COMPARATIVE PHOTOINTERPRETATION FROM PANCHROMATIC, COLOR, AND EKTACHROM IR PHOTOGRAPHY. ABRAHAM ANSON, U.S. ARMY TOPOGRAPHIC LABORATORIES, FORT BELVOIR, VA. PRESENTED AT INTERNATIONAL CONGRESS OF PHOTOGRAMMETRY, 11TH, LAUSANNE, SWITZERLAND, JULY 1968. MICROFICHE COPY.
NR-H9-00-000-00699	INCREASED LUMINANCE IN THE DIRECTION OF REFLEX REFLEXION-A RECENTLY OBSERVED NATURAL PHENOMENON. JOHN A. HOWARD, SCHOOL OF FORESTRY, UNIVERSITY OF MELBOURNE, AUSTRALIA. PUBLISHED IN NATURE (LONDON), VOL. 224, DECEMBER 1969. PP.1102-1103.
NR-H9-00-000-00701	REMOTE SENSING OF THE TERRESTRIAL ENVIRONMENT WITH AN HF RADIO HIGH-RESOLUTION AZIMUTH AND ELEVATION SCAN SYSTEM. LOWELL H. TVETEN AND ROBERT HUNSUCKER, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, BOULDER, COLORADO. PUBLISHED IN PROCEEDINGS OF THE IEEE, VOL. 57, NO. 4, APRIL 1969. PP.487-493.
NR-H9-00-000-00703	APPLICATIONS OF SPACEBORNE SENSOR SYSTEMS. H.E. BROWN AND T.H. CHIN, GENERAL ELECTRIC CORP., PHILADELPHIA, PA. PRESENTED AT THE IEEE INTERNATIONAL CONVENTION, NEW YORK, NEW YORK, MARCH 1968, PAPER 5E-5.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00704	APOLLO 8 COLORIMETRY. NASA CR-106458. A.F.H. GOETZ, BELLCOMM, INC., WASHINGTON, D.C. MARCH 1969. CONTRACT NUMBER NASW-417. STAR N69-40799.
NR-H9-00-000-00705	RAUMFAHRT UND GEOWISSENSCHAFTEN. (SPACE TRAVEL AND EARTH SCIENCES). F. DLERR, BOLKOW, GMBH, OTTOBRUNN, WEST GERMANY. PUBLISHED IN WELTRAUMFAHRT RAKETENTECHNIK, VOL. 18, HEFT. 4, JULY-AUG. 1967. PP.100-107. MICROFICHE COPY.
NR-H9-00-000-00710	HOLOGRAPHIC COMPENSATION OF MOTION BLUR BY SHUTTER MODULATION. OLOF BRYNGDAHL, IBM RESEARCH DIV., LOS GATOS, CALIF. ADOLF LOHMANN, UNIVERSITY OF CALIFORNIA, LA JOLLA, CALIF. PUBLISHED IN JOURNAL OF OPTICAL SOCIETY OF AMERICA, VOL. 59, SEPTEMBER 1969. PP.1175-1178.
NR-H9-00-000-00711	REMOTE SENSING WITH OPTICAL CROSS-CORRELATION METHODS. F.R. KRAUSE, AERO-ASTRODYNAMICS LAB., MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA, AND M.J. FISHER, IIT RESEARCH INSTITUTE, CHICAGO, ILL. PRESENTED AT THE INTER DISCIPLINARY SYMPOSIUM ON APOLLO APPLICATIONS PROGRAM, JANUARY 1966. PP.191-214. MICROFICHE COPY. STAR N67-24276.
NR-H9-00-000-00712	EARTH RESOURCE SATELLITE SYSTEMS. G.K.C. PARDOE, HAWKER SIDDELEY DYNAMICS LTD., SPACE DIV., HATFIELD, HERTS, ENG. PUBLISHED IN THE AERONAUTICAL JOURNAL OF THE ROYAL AERONAUTICAL SOCIETY, VOL. 73, APRIL 1969. PP.297-306.
NR-H9-00-000-00713	SOURCE-SCANNING TYPE HOLOGRAPHY. MAKOTO KATSURAI, UNIV. OF TOKYO, JAPAN. PUBLISHED IN ELECTRONICS AND COMMUNICATIONS IN JAPAN, VOL. 52, NO. 2, MARCH 1969. P.112.
NR-H9-00-000-00714	A NEW ELECTRO-OPTICAL TECHNIQUE FOR PARTICLE SIZE MEASUREMENTS. ROBERT G. KNOLLENBERG AND W. EDWARD NEISH, NATIONAL CENTER FOR ATMOSPHERIC RESEARCH, BOULDER, COLORADO.
NR-H9-00-000-00719	EXPERIMENTS IN LONG-DISTANCE HOLOGRAPHIC IMAGERY. J.W. GOODMAN, D.W. JACKSON, ET AL., STANFORD UNIVERSITY, ELECTRONICS LAB., STANFORD, CALIFORNIA. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 8, AUGUST 1969. PP.1581-1586.
NR-H9-00-000-00723	A METHOD FOR PHOTOGRAPHING MICROWAVE WITH A POLAROID FILM. NASA CR-94305. REPORT NO. 558. KEIGO IIZUKA, HARVARD UNIV. DIV. OF ENGINEERING AND APPLIED PHYSICS, CAMBRIDGE, MASS. MARCH 1968. CONTRACT NO. N00014-67-A-0298-0005. STAR N68-22035. AD-667 729 MICROFICHE AND HARD COPY.
NR-H9-00-000-00724	TARGET DETECTION IN AERIAL PHOTOGRAPHY. L.N. KANAL AND N.C. RANDALL, PHILCO CORP. BLUE BELL, PA. PUBLISHED IN IEEE WESCON, AUG. 1964. PP.8.3-1 THRU 8.3-10.
NR-H9-00-000-00726	SIDE-LOOKING RADAR PRESENTATION VIEWING AND MEASURING INSTRUMENT. CLIFFORD J. CRANDALL, U.S. ARMY ENGINEER, GEODESY, INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPMENT AGENCY, FT. BELVOIR, VIRGINIA. JANUARY 1965.
NR-H9-00-000-00727	IMPROVING THE EFFICIENCY AND SPECTRAL RESPONSE OF FREE RADICAL PHOTOGRAPHY. REPORT NO. AL TDR 64-106. R.H. SPRAGUE, HORIZONS INC., CLEVELAND, OHIO. JUNE 1964. CONTRACT NO. AF 33(657)-11004.
NR-H9-00-000-00729	ANALYSIS OF APOLLO 8 PHOTOGRAPHY AND VISUAL OBSERVATIONS. NASA SP-201. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 1969.
NR-H9-00-000-00734	MRB 9/2323 AERIAL SURVEY CAMERA. GEHARD WURTZ. PUBLISHED IN JENA REVIEW, VOL. 14, NO. 2, 1969. PP.111-114. MICROFICHE COPY.



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00735	NEW HIGH-RESOLUTION PHOTOGRAPHIC LAYERS AND THEIR STUDY BY THE METHOD OF HOLOGRAPHIC RESOLVIMETRY. IU. A. BYKOVSKII, ET AL., USSR. PUBLISHED IN AKADEMIJA NAUK SSSR, DOKLADY, VOL. 185, NO. 3, MARCH 1969. PP.552-554. MICROFICHE COPY.
NR-H9-00-000-00754	A STEREOPHOTOGRAMMETRIC INSTRUMENT. REPORT NO. FTD-HT-23-202-68. G.V. LAZAREV, USSR. DEC. 1963. MICROFICHE COPY. STAR N70-11695.
NR-H9-00-000-00757	AN IMAGING SYSTEM EXHIBITING WAVELENGTH-DEPENDENT RESOLUTION. S.Y. CHAI, AMERICAN TEL. AND TEL. CO., NEW YORK, N.Y. PUBLISHED IN THE BELL SYSTEM TECHNICAL JOURNAL, VOL. 48, NO. 6, JULY-AUG. 1969. PP.1885-1907.
NR-H9-00-000-00763	DIE ELEKTRONISCHEN ENTFERNMUNGSMESSER WILD DISTOMAT DI 50 UND DI 10. (THE ELECTRONIC DISTANCE METERS WILD DISTOMAT DI 50 AND DI 10.) GEORGE STRASSER, WILD HEERHUGG AG, REHSTEIN, SWITZERLAND. PUBLISHED IN MESSTECHNIK, VOL. 77, NO. 12, DEC. 1969. PP.279-286. A70-16799.
NR-H9-00-000-00778	TEXTURAL CHARACTERISTICS OF MODERN BLACK AND WHITE AERIAL FILMS AND THEIR EFFECT ON IMAGE DEFINITION. V.Y. MIKHAILOVA CENTRAL SCIENTIFIC-RESEARCH INSTITUTE OF GEODESY, USSR. PUBLISHED IN GEODESY AND AEROPHOTOGRAPHY, NO. 3, 1965. PP.191-194.
NR-H9-00-000-00780	THE EFFECTS OF MOTION ON RESOLUTION. TIMOTHY TROTT, THE AEROFLEX CORP., LONG ISLAND CITY, N.Y. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 26, NO. 5, 1960. PP.819-827.
NR-H9-00-000-00784	LIMITING RESOLUTION LOOKING DOWN THROUGH THE ATMOSPHERE. D.L. FRIED, NORTH AMERICAN AVIATION, INC., THOUSAND OAKS, CALIFORNIA. PUBLISHED IN OPTICAL SOCIETY OF AMERICA, VOL. 56, NO. 10, OCTOBER 1966. PP.1380-1384
NR-H9-00-000-00785	FACTORS AFFECTING THE RECOGNITION OF SMALL, LOW-CONTRAST PHOTOGRAPHIC IMAGES. ROBERT S. BARROWS, EASTMAN KODAK CO., ROCHESTER, N.Y. PUBLISHED IN PHOTOGRAPHIC SCIENCE AND ENGINEERING, VOL. 1, NO. 1, JULY 1957. PP.15-22.
NR-H9-00-000-00789	INFERENCE OF PROPERTIES OF THE EARTH FROM SATELLITE MEASUREMENTS OF INFRARED EMISSION. REPORT NO. NASA TM-X-55910. W. NORDBERG, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. AUGUST 1967. STAR N67-36612.
NR-H9-00-000-00790	AN EXPERIMENTAL DETERMINATION OF THE DEPOLARIZATION OF SCATTERED LASER LIGHT BY ATMOSPHERIC AIR. ARIEL COHEN, ET AL., HEBREW UNIVERSITY, JERUSALEM, ISRAEL. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 8, NO. 6, DEC. 1969. PP.952-954.
NR-H9-00-000-00792	AIR RECONNAISSANCE IN THE ROYAL AIR FORCE PAST, PRESENT AND FUTURE. THE PRINCIPLES, AIRCRAFT, ASSOCIATED CAMERA AND AIRBORNE SENSOR SYSTEMS, GROUND SUPPORT FACILITIES AND INTELLIGENCE EXTRACTION METHODS. E.D. CREW, AOC, CENTRAL RECONNAISSANCE ESTABLISHMENT, GREAT BRITAIN. PUBLISHED IN THE AERONAUTICAL JOURNAL OF THE ROYAL AERONAUTICAL SOCIETY, VOL. 73, NO. 706, OCTOBER 1969. PP.869-880.
NR-H9-00-000-00793	THE IMPORTANCE OF APPLICATION SATELLITES TO THE EUROPEAN ECONOMY. R.C. CURNOW, SCIENCE POLICY RESEARCH UNIT, UNIVERSITY OF SUSSEX, ENGLAND. PUBLISHED IN THE ROYAL AERONAUTICAL SOCIETY, VOL. 73, NO. 700, APRIL 1969. PP.306-310.
NR-H9-00-000-00794	DATA UTILIZATION FROM METEOROLOGICAL SATELLITES. CLIFFORD A. SPOHN, NATIONAL ENVIRONMENTAL SATELLITE CENTER, SUITLAND, MD. PUBLISHED IN THE TRANSACTIONS OF THE NEW YORK ACADEMY OF SCIENCES, SER. 11, VOL. 31, NO. 8, DEC. 1969. PP.1103-1105.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00795	TWILIGHTS AND STRATOSPHERIC DUST BEFORE AND AFTER THE AGUNG ERUPTION. F.E. VOLZ, AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. PUBLISHED IN APPLIED OPTICS, VOL. 8, NO. 12, DECEMBER 1969. PP.2505-2518.
NR-H9-00-000-00798	PRACTICAL UTILIZATION OF DATA OF METEOROLOGICAL SATELLITES. NASA-CR-83393. K. YA. KONDRATYEV, ET AL., RUSSIA. CONTRACT NUMBER NAS5-12487. 1966. MICROFICHE COPY. STAR N67-22437.
NR-H9-EJ-998-00801	GEOSCIENCE APPLICATIONS OF RADAR SENSORS. J.W. ROUSE, H.C. MACDONALD, AND W.P. WAITE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, REMOTE SENSING LAB., LAWRENCE, KANSAS. REPRINTED FROM IEEE TRANSACTIONS, GEOSCIENCE ELECTRONICS, VOL. GE-7, NO. 1, JAN. 1969. PP.2-19.
NR-H9-00-000-00803	EFFECTS OF INFORMATION REQUIREMENTS, TIMING PROCEDURES, AND PHOTO SCALE ON INTERPRETER PERFORMANCE. THOMAS E. JEFFREY, SUPPORT SYSTEMS RESEARCH DIV., ARMY BEHAVIORAL SCIENCE RESEARCH LAB., ARLINGTON, VA. JULY 1969. MICROFICHE COPY. STAR N70-12715.
NR-H9-00-000-00804	AUTOMATIC MAINTENANCE OF LINEAR OVERLAP IN AERIAL PHOTOGRAPHS. I.V. ALMAZOV, USSR. EDITED TRANSLATION OF GEODEZIYA I KARTOGRAFIYA, NO. 4, 1967, PP.42-48. MICROFICHE COPY.
NR-H9-00-000-00805	STATISTICAL PROPERTIES OF RADAR SIGNALS FROM EXTENDED SURFACES IN SYSTEMS WITH INTERNAL COHERENCE. V.V. TSVETNOV, USSR. EDITED TRANSLATION OF AVIATSIONNYI INSTITUT, MOSCOW, NO. 1, 1966, PP.5-26. MICROFICHE COPY.
NR-H9-00-000-00810	TEAM INTERPRETATION PROCEDURES, SELECTION OF TEAMMATES AND ROLE ASSIGNMENT. ROBERT SADACCA, U.S. ARMY BEHAVIORAL SCIENCE RESEARCH LAB., ARLINGTON, VA. JANUARY 1969. CONTRACT NO. DA-49-092-ARO-65. MICROFICHE COPY.
NR-H9-00-000-00811	THE TWO-DIMENSIONAL INVERSE SCATTERING PROBLEM. INTERIM REPORT. WILLIAM A. IMPERIALE AND RAJ MITTRA, ILLINOIS UNIV., ANTENNA LAB., URBANA, ILL. MAY 1969. CONTRACT NUMBER F19628-69-C-0015. MICROFICHE COPY. STAR N69-39560.
NR-H9-00-000-00812	ON THE EVALUATION OF STRONGLY ENLARGED PHOTOGRAPHS. REPORT NO. ARL-60-275. KARL G. GUDERLEY AND MARY D. LUM, AERONAUTICAL RESEARCH LAB., WRIGHT-PATTERSON AFB, OHIO. FEBRUARY 1961. MICROFICHE COPY.
NR-H9-00-000-00813	AN INVESTIGATION OF TWO FACTORS IN THE INFRARED ENVIRONMENT OF AN ARTIFICIAL SATELLITE. M. DOWNING, ET AL., GENERAL DYNAMICS CORP., SAN DIEGO, CALIFORNIA. APRIL 1960. MICROFICHE COPY.
NR-H9-00-000-00814	CHANGE DETECTION IN AERIAL PHOTO COVERAGE AS INFLUENCED BY METHODS OF COMPARISON. C.L. KLINGBERG, ET AL., BOEING CO., SEATTLE, WASHINGTON. JAN. 1969. CONTRACT NUMBER DA-49-092-ARO-92. MICROFICHE COPY. STAR N70-11566.
NR-H9-00-000-00815	PHYSICAL PRINCIPLES AND TECHNICAL MEANS OF AERIAL SURVEYING. CHAPTERS IV AND V. A.I. VINOGRADOVA, ET AL., RUSSIA. TRANSLATION OF FIZICHESKIE OSNOVY, TEKHNICHESKIE SREDSTVA AEROMETOV, Leningrad, 1967, PP.72-147. MICROFICHE COPY.
NR-H9-00-000-00818	PSEUDOCOLOR AS A MEANS OF IMAGE ENHANCEMENT. REPORT NO. P.-3988. JOSEPH J. SHEPPARD, JR., ROY H. STRATTON, ET AL., RAND CORP., SANTA MONICA, CALIFORNIA. PRESENTED AT THE ANNUAL MEETING OF THE AMERICAN ACADEMY OF OPTOMETRY, BEVERLY HILLS, CALIFORNIA. DEC. 1968.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00819	SENSORES REMOTOS Y SATELITES PARA LA OBSERVACION DE LOS RECURSOS NATURALES DE LA TIERRA. (REMOTE SENSORS AND SATELLITES FOR THE OBSERVATION OF THOSE NATURAL RESOURCES OF THE EARTH) WILLIAM D. CARTER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE 8TH CONGRESS OF ENGINEERS OF VENEZUELA, LA INGENIERIA Y EL DESARROLLO, EN CARACAS, VENEZUELA, MAY 1969. STAR N69-40761.
NR-H9-00-000-00820	REPORT OF THE MOUNT HALFAKALA OBSERVATORY - A PHOTOGRAPHIC STUDY OF APOLLO 9. REPORT NO. 1386-25-T. WAYNE PARSONS AND JOSEPH HEATH, UNIVERSITY OF MICHIGAN, WILLOW RUN LAB., ANN ARBOR, MICHIGAN. DEC. 1969. CONTRACT NUMBER DAHC 15-88-C-0144.
NR-H9-00-000-00821	ANALYTIC AERIAL TRIANGULATION FOR HIGHWAY LOCATION AND DESIGN. H.M. KARARA AND G.W. MARKS, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS. JULY 1969. ILLINOIS COOPERATIVE HIGHWAY RESEARCH PROGRAM SERIES NO. 100, CIVIL ENGINEERING STUDIES PHOTOGRAMMETRY SERIES NO. 22. STAR N70-22629
NR-H9-00-000-00826	DISCUSSION OF THE LEAST SQUARES TECHNIQUE AND DEVELOPMENT OF A CURVE FITTING SUBROUTINE. TECHNICAL REPORT RSC-04. T.A. EPPES, TEXAS A + M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. SEPT. 1969. NASA-CR-110868. N70-42812. MICROFICHE AND HARD COPY.
NR-H9-00-000-00827	MEASUREMENT OF UPPER-AIR POLLUTION. OPTICAL PHYSICS LAB., AIR FORCE CAMBRIDGE RESEARCH LAB., BEDFORD, MASS. PUBLISHED IN OAR RESEARCH REVIEW, VOL. 9, NO. 1, JAN./FEB. 1970. PP.20-21.
NR-H9-00-000-00828	OBSERVATIONS OF IONOSPHERIC MOVEMENTS BY THE USE OF A LARGE AERIAL ARRAY. B.H. BRIGGS, DEPT. OF PHYSICS, UNIVERSITY OF ADELAIDE, SOUTH AUSTRALIA. PUBLISHED IN OAR RESEARCH REVIEW, VOL. 9, NO. 1, JAN./FEB. 1970. PP.21-23.
NR-H9-00-000-00829	ON THE ROLE OF VERTICAL TEMPERATURE AND HUMIDITY PROFILES IN THE DETERMINATION OF THE EARTH'S SURFACE TEMPERATURE FROM OUTGOING RADIATION. V.G. BOLDYREV, ET AL., USSR. PUBLISHED IN IZVESTIYA ACADEMY OF SCIENCES, USSR. ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 1, 1965. PP.406-411.
NR-H9-00-000-00830	CALCULATION OF THE TRANSMISSION FUNCTIONS OF THE ATMOSPHERE IN THE 8-12 MICRON REGION OF THE SPECTRUM FOR THE NORTHERN HEMISPHERE. V.G. BOLDYREV, USSR. PUBLISHED IN IZVESTIYA ACADEMY OF SCIENCES, USSR, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 1, 1965. PP.401-405.
NR-H9-00-000-00831	SOME RESULTS OF SURFACE MEASUREMENTS OF THE INFRARED ABSORPTION AND THERMAL RADIATION SPECTRA OF THE ATMOSPHERE. K. YA. KONDRATEV, USSR. PUBLISHED IN IZVESTIYA ACADEMY OF SCIENCES, USSR, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 1, 1965. PP.215-222.
NR-H9-00-000-00832	INTERPRETATION OF COLORS BY A TELEVISION SCANNING AND WAVE-FORM SYSTEM APPLIED TO GEOGRAPHIC ANALYSIS OF MULTISENSOR IMAGERY. TECHNICAL REPORT NO. 8. DILLARD A. LARSON, WILLIAM H. KUYPER, AND JAMES P. LATHAM, FLORIDA ATLANTIC UNIVERSITY, DEPT. OF GEOGRAPHY, BOCA RATON, FLORIDA. SEPTEMBER 1969. CONTRACT NO. NONR 4761(00). STAR N70-14996 AD-694 064
NR-H9-00-000-00833	A TREATISE ON ANALYTICAL PHOTOGRAMMETRY. LECTURE NOTES. PHOTOGRAMMETRY SERIES NO. 10. GIUSEPPE INGILLERI, INSTITUTE OF TOPOGRAPHY AND GEODESY, POLITECNICO DI TORINO, ITALY. UNIVERSITY OF ILLINOIS, DEPT. OF CIVIL ENGINEERING, URBANA, ILLINOIS. SEPT. 1968. STAR N69-29041 PB182 618

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-BL-000-00834	THE ATTENUATION AND BACKSCATTERING OF INFRARED RADIATION BY ICE FOG AND WATER FOG. REPORT NO. CRREL-RR-264. MOTOI KUMAI AND JACK D. RUSSELL, ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N.H. APRIL 1969. STAR N69-37933
NR-H9-00-000-00837	ERWEITERTE GRUNDLAGEN DER HOLOGRAFIE. (FUNDAMENTALS OF HOLOGRAPHY). FRITZ BESTENREINER, AGFA-GEVAERT AG, LEVERKUSEN, WEST GERMANY. PUBLISHED IN ELEKTRONIK, VOL. 18, HEFT 9, SEPT. 1969. PP.279-284. (IN GERMAN)
NR-H9-00-000-00838	L'ANALYSEUR D'IMAGES 'CALIFE'. (THE 'CALIFE' IMAGE ANALYZER). Y. NOURISSAT, LABORATOIRE CENTRAL DE L'ARMEMENT, ARCUEIL, VAL-DE-MARNE, FRANCE. PUBLISHED IN L'ONDE ELECTRIQUE, VOL. 49, SEPT. 1969. PP.869-873. (IN FRENCH)
NR-H9-00-000-00839	AUTOMATION IN PHOTOGRAMMETRIC COMPILATION. WALTER E. CHAPPELLE, ARLISS E. WHITESIDE, ET AL., BENDIX RESEARCH LAB., SOUTHFIELD, MICHIGAN. PUBLISHED IN S.P.I.E. JOURNAL, VOL. 7, JULY 1969. PP.137-149. A69-43566 ALSO IN BENDIX TECHNICAL JOURNAL, VOL. 1, JUNE 1968, P.1-13. A68-42296
NR-H9-00-000-00840	ACTIVE VIBRATION ISOLATION OF AERIAL CAMERAS. JEROME S. PEPI, BARRY RESEARCH AND DEVELOPMENT, BARRY CONTROLS, WATERTOWN, MASS. PRESENTED AT NEW HORIZONS, INSTITUTE OF ENVIRONMENTAL SCIENCES ANNUAL TECHNICAL MEETING (14TH), ST. LOUIS, MO., APRIL/MAY 1968. PROCEEDINGS, PP.389-399.
NR-H9-00-000-00841	REMOTE SENSING OF WINDS AND ATMOSPHERIC TURBULENCE BY CROSS-CORRELATION OF PASSIVE OPTICAL SIGNALS. A.J. MONTGOMERY, IIT RESEARCH INSTITUTE, CHICAGO, ILL. PUBLISHED IN SPACE SCIENCE REVIEWS, VOL. 10, NO. 2, NOV. 1969. PP.291-313.
NR-H9-00-000-00842	THE METEOROLOGY AND VERTICAL DISTRIBUTION OF POLLUTANTS IN AIR POLLUTION EPISODES IN PHILADELPHIA. FRANCIS K. DAVIS, AND HERMAN NEWSTEIN, DREXEL INSTITUTE OF TECHNOLOGY AND WFIL-TV, PHILADELPHIA, PA. PUBLISHED IN ATMOSPHERIC ENVIRONMENT, VOL. 2, NO. 6, NOV. 1968. PP.559-574.
NR-H9-00-000-00844	SPACE RESEARCH AND A BETTER EARTH. THOMAS O. PAINE, NASA/ HEADQUARTERS, WASHINGTON, D.C. PUBLISHED IN IMPACT OF SCIENCE ON SOCIETY, VOL. 19, NO. 2, APR/JUNE 1969. PP.123-134.
NR-H9-EJ-998-00847	ORBITAL IMAGES FOR EARTH RESOURCES SATELLITE MISSION PLANNING. FRANK J. WOBBER, IBM FEDERAL SYSTEMS DIV. GAITHERSBURG, MARYLAND. TECHNICAL PAPER PRESENTED TO THE EARTH RESOURCES SURVEY SATELLITE SUMMER SCHOOL, CAMBRIDGE, ENGLAND, JULY 1969. STAR N70-11277.
NR-H9-00-000-00863	REMOTE SENSING FOR PLANNING RESOURCE CONSERVATION. C.J JOHANNSEN AND M.F. BAUMGARDNER, PURDUE UNIVERSITY, LAB. FOR AGRICULTURAL REMOTE SENSING, LAFAYETTE, INDIANA. 1968. AGRICULTURAL EXPERIMENT STATION JOURNAL, NO. 3439.
NR-H9-00-000-00867	ELECTRICAL ANALOGS FOR OPTICAL SYSTEMS - PARTS I AND II. STEPHEN W. MIKULKA, HADRON, INC., WESTBURY, N.Y. PUBLISHED IN MICROWAVES, VOL. 8, NO. 9, SEPT. 1969, PP.94-103, VOL. 8, NO. 11, NOV. 1969, PP.116-122, AND VOL. 9, NO. 1, JAN. 1970, PP.76-81.
NR-H9-00-000-00869	EFFECT OF LEAF PUBESCENCE OF GYNURA AURANTIACA ON LIGHT REFLECTANCE. HAROLD N. GAUSMAN, AND RUBEN CARDENAS, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. REPRINT FROM BOTANICAL GAZETTE, VOL. 130, NO. 3, SEPT. 1969. PP.158-162.
NR-H9-00-000-00872	METEOROLOGICAL RESEARCH SATELLITES - NIMBUS D. R.W. PORTER, GENERAL ELECTRIC CO., VALLEY FORGE, PA. PUBLISHED IN AERONAUTICAL JOURNAL OF THE ROYAL AERONAUTICAL SOCIETY, VOL. 73, NO. 700, APRIL 1969. PP.288-297.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00876	METEOROLOGISCH UND GEOLOGISCH BEDINGTE SCHWANKUNGSBREITE DER NATURLICHEN RADIOAKTIVITÄT DES AEROSOLS IN DEN NORDALPEN NACH NEUESTEN MESSUNGEN. (IN GERMAN) METEOROLOGICALLY AND GEOLOGICALLY LIMITED DISTRIBUTION RANGES OF NATURAL RADIOACTIVITY IN AEROSOLS OF THE NORTHERN ALPS FROM THE LATEST MEASUREMENTS. REINHOLD REITER. PUBLISHED IN ZENTRALBLATT FUER BIOLOGISCHE AEROSOLFORSCHUNG U. THERAP. VOL. 7, FEB. 1958. PP.98-112.
NR-H9-00-000-00877	UBER DIE MOGLICHKEIT DER WETTERVORAUSSAGE AUF GRUND DER ELEKTRISCHEN LEITFAHIGKEITSVERMINDERUNGSMESSUNG DER LUFT. POLARISATIONSWIRKUNG DURCH NEUTRINOS, SOWIE IHR BIOLOGISCHER EINFLUSS. (IN GERMAN) TRANSLATION - ON THE POSSIBILITY OF WEATHER PREDICTION ON THE BASIS OF MEASUREMENT OF DIMINUTION OF THE ELECTRICAL CONDUCTIVITY OF THE AIR. POLARIZATION EFFECTS OF NEUTRINES, AND THEIR BIOLOGICAL EFFECT. SAID-ALI ANKARA, UNIVERSITY OF ANKARA, TURKEY. PUBLISHED IN NEUE PHYSIK, VOL. 4, 1964-1965. PP.97-119.
NR-H9-00-000-00880	EXPERIMENTAL TRANSFER CHARACTERISTICS OF IMAGE MOTION AND AIR CONDITIONS IN AERIAL PHOTOGRAPHY. L.O. HENDEBERG, INSTITUTE OF OPTICAL RESEARCH, STOCKHOLM, SWEDEN. PUBLISHED IN APPLIED OPTICS, VOL. 2, NO. 4, APRIL 1963. PP.379-386.
NR-H9-DK-236-00881	TECHNIQUES FOR QUALITATIVE AND QUANTITATIVE EVALUATION OF INFRARED IMAGERY. REPORT NO. BNWL-SA-1698. BATTELLE-NORTHWEST, PACIFIC NORTHWEST LABORATORY, RICHLAND, WASHINGTON. (WATER AND LAND RESOURCES DEPT.) FEB. 1968.
NR-H9-00-000-00883	A HIGH-RESOLUTION IMAGESENSOR. FRANK H. EASTMAN III, RCA CORP., ASTRO-ELECTRONICS DIV., PRINCETON, N.J. PUBLISHED IN JOURNAL OF SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS, VOL. 79, NO. 1, JAN. 1970. PP.10-15.
NR-H9-00-000-00887	AN ANALYSIS OF METHODS FOR CALIBRATING THE 13.3 GHZ SCATTEROMETER. CRES TECHNICAL REPORT 177-1. G.A. BRADLEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. DECEMBER 1969. CONTRACT NUMBER NAS9-10261.
NR-H9-00-000-00888	CALCULATIONS OF REFLECTED AND TRANSMITTED RADIANCE FOR EARTH'S ATMOSPHERE. GILBERT PLASS AND GEORGE W. KATTAWAR, TEXAS A + M UNIVERSITY, COLLEGE STATION, TEXAS. REPRINT FROM APPLIED OPTICS, VOL. 7, NO. 6, JUNE 1968. PP.1129-1135
NR-H9-00-000-00890	METEOROLOGICAL INFERENCES FROM RADIANCE MEASUREMENTS. FINAL REPORT ON PHASES A AND B. TECHNICAL REPORT NO. GCA-TR-68-18-G. FREDERICK B. HOUSE, RICHARD HARRISON, EDWIN T. FLORANCE, ET AL. GCA CORP., GCA TECHNOLOGY DIVISION, BEDFORD, MASSACHUSETTS. SEPT. 1968. PB-180 296.
NR-H9-00-000-00891	HOLOGRAPHIC RECORDING OF FOCUSED IMAGES AND THEIR RECONSTRUCTION IN WHITE LIGHT. I.S. KLIMEŃKO; ET AL., USSR. PUBLISHED IN OPTIKA I SPEKTROSKOPIIA, VOL. 26, JUNE 1969. PP.1019-1026. MICROFICHE COPY.
NR-H9-00-000-00892	CONTRAST CONSIDERATIONS FOR EVALUATION OF AERIAL PHOTOGRAPHIC IMAGES. REPORT NO. AL TDR 64-232. H.E. GELTMACHER, AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AFB, OHIO. SEPT. 1964. AD-452 081.
NR-H9-00-000-00893	LIQUID LASERS. H. SAMELSON, ET AL., GENERAL TELEPHONE AND ELECTRONICS LAB., BAYSIDE, N.Y. PUBLISHED IN NAVAL RESEARCH REVIEWS, VOL. 23, NO. 1, JAN. 1970. PP.10-19.
NR-H9-00-000-00894	THE ABSORPTION OF LASER RADIATION ALONG ATMOSPHERIC SLANT PATHS. GILBERT N. PLASS, TEXAS A + M UNIVERSITY, COLLEGE STATION, TEXAS, REPRINTED FROM APPLIED OPTICS, VOL. 5, NO. 1, JAN. 1966. PP.149-154.

381

59

140

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00897	ESTIMATING MAXIMUM WIND SPEED OF TROPICAL STORMS FROM HIGH RESOLUTION INFRARED DATA. REPORT NO. ESSA-TR-NESC-50. L.F. HUBERT, A. TIMCHALK, ET AL., ESSA, WASHINGTON, D.C. MAY 1969. STAR N70-10175.
NR-H9-00-000-00898	DEVELOPMENT OF FILTERS FOR THE FAR INFRARED. FINAL REPORT MAY 1964-DEC. 1968. REPORT NO. AFRL-69-0184. KARL D. MOELLER, FAIRLEIGH DICKINSON UNIVERSITY, TEANECK, NEW JERSEY. MAY 1969. CONTRACT NO. AF 19-(628)-4084.
NR-H9-EJ-994-00901	GEOLOGIC ANALYSIS OF A MULTISPECTRALLY PROCESSED APOLLO SPACE PHOTOGRAPH. WILLIAM D. CARTER AND RICHARD F. MEYER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PUBLISHED IN NEW HORIZONS IN COLOR AERIAL PHOTOGRAPHY, ASP/SPSE SEMINAR, NEW YORK CITY, JUNE 1969. STAR N70-10976.
NR-H9-00-000-00902	BACKSCATTER ECHO FROM LAND AND SEA AT 16 MHZ. A. MIR, UNIVERSITY OF QUEENSLAND, DEPT. OF PHYSICS, ST. LUCIA, BRISBANE, AUSTRALIA, PUBLISHED IN AUSTRALIAN JOURNAL OF PHYSICS, VOL. 22, NO. 6, DEC. 1969. PP.757-766.
NR-H9-00-000-00903	IMAGE QUALITY AND TARGET RECOGNITION. - C.A. BENNET, R.E. KENT, AND S.H. WINTERSTEIN, IBM, OWEGO, NEW YORK. PUBLISHED IN HUMAN FACTOR, VOL. 9, FEB. 1967. PP.5-32.
NR-H9-00-000-00917	SIDE-LOOKING AIRBORNE RADAR (SLAR). A NEW GEOPHYSICAL TOOL. RAYTHEON CO., AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA.
NR-H9-00-000-00926	VIBRATION ISOLATION OF OPTICAL AERIAL RECONNAISSANCE SENSORS. JEROME S. PEPI, BARRY CONTROLS, WATERTOWN, MASS. OCTOBER 1967. MICROFICHE COPY.
NR-H9-00-000-00929	METHODOICAL APPROACH TO INTERPRETATION OF SPACECRAFT PHOTOGRAPHY OF HUMID AREAS. V.M. DEHAJ KULKARNI, K.J. SOMAIYA COLLEGE, BOMBAY, INDIA. PRESENTED AT THE NATO/BRITISH INTERPLANETARY SOCIETY, INTERNATIONAL SUMMER SCHOOL ON EARTH OBSERVATION SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969. STAR NO. N70-36298. MICROFICHE COPY.
NR-H9-00-000-00930	TERRAIN TRAFFICABILITY EVALUATION USING AERIAL PHOTOGRAPHS-A MODIFIED APPROACH. A.R. NATARAJ, INTERNATIONAL INSTITUTE FOR AERIAL SURVEY AND EARTH SCIENCES, DELFT, NETHERLANDS. ITC PUBLICATIONS, SERIES B, NO. 52. JULY 1969. STAR N70-10520. MICROFICHE COPY.
NR-H9-00-000-00935	AFA-TE AERIAL CAMERA WITH OPTICAL FIDUCIAL MARKS. V.B. ILIN, USSR. TRANSLATED FROM GEODEZIYA I KARTOGRAFIYA, 1968. PP.68-69. MICROFICHE COPY.
NR-H9-00-000-00936	AN EXPERIMENT RELATIVE TO THE VERTICAL DISTRIBUTION OF ATMOSPHERIC OZONE. FINAL REPORT, MARCH 1966-MARCH 1969. R.T. BETTINGER AND J. BOHSE, UNIVERSITY OF MARYLAND, COLLEGE PARK, MARYLAND. JAN. 1970. STAR N69-41351. MICROFICHE COPY.
NR-H9-00-000-00937	DETERMINING ATMOSPHERIC REFRACTION FROM THE DISPERSION OF LIGHT. RUDOLF BREIN, INSTITUT FUR ANGEWANDT GEODASIE, FRANFURT AM MAIN, WEST GERMANY. PUBLISHED IN NACHRICHTEN AUS DEM KARTEN-UND VERMESSUNGSWESEN. REIHE II. DEUTSCHE BEITRAGE IN FREMDEN SPRACHEN, HEFT NR. 23, 1969. STAR N69-40337. MICROFICHE COPY.
NR-H9-00-000-00939	AIR-PHOTO INTERPRETATION IN ARCHAEOLOGIC AREA STUDIES. WILLIAM G. LOY, UNIVERSITY OF OREGON, DEPT. OF GEOGRAPHY, EUGENE, OREGON. PRESENTED AT THE ASSOCIATION OF AMERICAN GEOGRAPHERS, 64TH ANNUAL MEETING, WASHINGTON D.C., AUG. 1968 ABSTRACT PUBLISHED IN ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL. 59, NO. 1, MARCH 1969. P:191.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00940	BROAD-BAND REMOTE-SENSING MAGNETOMETER. ROBERT M. KNOX, IIT TECHNOLOGY CENTER, CHICAGO, ILL. PUBLISHED IN IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, VOL. IM-18, NO. 4, DEC. 1969. PP.330-335. A70-22716
NR-H9-00-000-00941	TERRAIN SEEN FROM TIROS. P.M. MERIFIELD, EARTH SCIENCE RESEARCH CORP., MALIBU, CALIFORNIA AND J.R. RAMMELKAMP LOS ALAMITOS, CALIFORNIA. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 32, NO. 1, 1966. PP.44-54.
NR-H9-JG-998-00942	ABSOLUTE IN-FLIGHT CALIBRATION OF AIRBORNE HUMIDITY INSTRUMENTS. H. GOETE OESTLUND AND ROBERT D. STEARNS, UNIVERSITY OF MIAMI, INSTITUTE OF MARINE SCIENCES, MIAMI, FLA. REPORT NO. ML-69013. JUNE 1969. PB-184 568. STAR N70-10310.
NR-H9-00-000-00945	HOLOGRAPHY - A STATUS REPORT. EMMETT N. LEITH, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. PUBLISHED IN LASER FOCUS, VOL. 6, NO. 2, FEB. 1970. PP.29-34.
NR-H9-00-000-00950	GROUND RESOLUTION STUDY. FINAL REPORT. LUTHER B. JENNINGS FREDERICK B. MEEXER, ET AL., MINNEAPOLIS-HONEYWELL REGULATOR CO., WEST COVINA, CALIFORNIA. NOV. 1963. REPORT NUMBER RADC-TDR-63-224. CONTRACT NO. AF30(602)-2653. AD 425 676.
NR-H9-00-000-00951	SOME APPLICATIONS OF AERIAL INFRARED IMAGERY. JOHN E. ESTES UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIFORNIA. PUBLISHED IN ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL. 56, 1966. PP.673-682.
NR-H9-00-000-00952	ON APPLICATIONS OF AERIAL INFRARED IMAGERY - AND COMMENT IN REPLY. BARRY S. WELLAR, NORTHWESTERN UNIVERSITY, AND REPLY BY JOHN E. ESTES, UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIFORNIA. PUBLISHED IN ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL. 58, NO. 2, JUNE 1968. PP.411-415
NR-H9-EJ-027-00954	GROUND TRUTH PROCEDURES FOR AIDING INTERPRETATION OF REMOTE SENSOR DATA. JOHN E. WINTERS, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PUBLISHED IN AMERICAN SOCIETY OF PHOTOGRAMMETRY 34TH ANNUAL MEETING, WASHINGTON, D.C. MARCH 1968. PP.365-375
NR-H9-00-000-00955	GEOMETRIC CALIBRATION OF TELEVISION SYSTEMS FOR PHOTOGRAMMETRIC APPLICATIONS. KAM W. WONG, UNIVERSITY OF ILLINOIS, URBANA, ILL. PUBLISHED IN AMERICAN SOCIETY OF PHOTOGRAMMETRY 34TH ANNUAL MEETING, WASHINGTON, D.C. MARCH 1968, PAPERS, PP.376-416. PB-182-715
NR-H9-00-000-00956	ELEVATION MEASUREMENTS FROM RADAR IMAGERY. GEORGE L. LAPRADE AND EARL S. LEONARDO, GOODYEAR AEROSPACE CORP., LITCHFIELD PARK, ARIZONA. PUBLISHED IN AMERICAN SOCIETY OF PHOTOGRAMMETRY 34TH ANNUAL MEETING, WASHINGTON, D.C. MARCH 1968, PAPERS, PP.153-164.
NR-H9-00-000-00958	DIGITAL IMAGE FORMATION FROM DETECTED HOLOGRAPHIC DATA. J.W. GOODMAN, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. REPORT NO. TR-2314-1. CONTRACT NO. N00014-67-A-0112. PUBLISHED IN ACOUSTICAL HOLOGRAPHY, VOL. U, PROCEEDINGS OF THE FIRST INTERNATIONAL SYMPOSIUM, HUNTINGTON BEACH, CALIF., DEC. 1967. AD-687 818. A69-23547.
NR-H9-00-000-00959	MODERNE FERNMESSVERFAHREN. (MODERN REMOTE SENSING METHODS). H. BECKER, GERMANY. PUBLISHED IN LUFTFAHRTTECHNIK RAUMFAHRTTECHNIK, VOL. 15, NO. 8/9, AUG.-SEPT. 1969. PP.238-239. A70-11266.
NR-H9-00-000-00960	LASERS IN TRANSITION. BRUCE SHORE, SCIENCE EDITOR, RCA CORP. PUBLISHED IN SIGNAL, VOL. 24, NO. 7, MARCH 1970. PP.8-10.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00963	APPLICATION DU FILTRAGE OPTIQUE A L'ETUDE DES PHOTOGRAPHIES AERIENNES. (USE OF OPTICAL FILTERING FOR STUDYING AERIAL PHOTOS) IN FRENCH. R. CHEVALLIER, ECOLE PRATIQUE DES HAUTES ETUDES, PARIS, FRANCE, ET AL. PUBLISHED IN CONGRESS INTERNATIONAL DE PHOTOGRAMMETRIE, XIE, LAUSANNE, SWITZERLAND JULY 1968.
NR-H9-GJ-000-00964	INFRARED AERIAL SURVEYS IN ENVIRONMENTAL ENGINEERING. RUDOLPH V. MATALUCCI, WRIGHT-PATTERSON AFB, OHIO, AND MOHAMED ABDEL-HADY, OKLAHOMA STATE UNIVERSITY, STILLWATER, OKLAHOMA. PUBLISHED IN AMERICAN SOCIETY OF CIVIL ENGINEERS, DIV. OF SANITARY ENGINEERING, PAPER 6277, NO. SA6, DEC. 1968 PP.1071-1084.
NR-H9-00-000-00969	RAPID ESTIMATION OF THE TOPOGRAPHIC DISTURBANCE TO SUPERFICIAL THERMAL GRADIENTS. ARTHUR H. LACHENBRUCH, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. PUBLISHED IN REVIEWS OF GEOPHYSICS, VOL. 6, NO. 3, AUG. 1968. PP.365-400 AD-678 228.
NR-H9-00-000-00971	VIBRATING VARIFOCAL MIRRORS FOR 3-D IMAGING. ERIC G. RAWSON, BELL TELEPHONE LABORATORIES, INC., MURRAY HILL, N.J. PUBLISHED IN IEEE SPECTRUM, VOL. 6, SEPT. 1969. PP.37-43. A70-12631.
NR-H9-00-000-00973	INDUSTRIAL, SCIENTIFIC AND COMMERCIAL APPLICATIONS OF NASA DEVELOPED TELEMETRY TECHNOLOGY. ERWIN S. TELTSCHER, DIGICOM INC., ROSYLN, NEW YORK. PUBLISHED IN MTC '69 RECORD, APRIL 1969. PP.124-131. PRESENTED AT THE NATIONAL TELEMETERING CONFERENCE, WASHINGTON, D.C., APRIL 1969.
NR-H9-00-000-00974	MULTI SPECTRAL IMAGE ANALYSIS. PATRICK D. FLIGOR, TECHNOLOGY, INC., MOUNTAIN VIEW, CALIF. PUBLISHED IN '69 NAECON PROCEEDINGS, MAY 1969. PP.57-61. PRESENTED AT INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, NATIONAL AEROSPACE ELECTRONICS CONFERENCE, 21ST, DAYTON, OHIO, MAY 1969. A89-34064.
NR-H9-BL-093-00977	AIRBORNE OBSERVATIONS OF CLOUD PARTICLES AND INFRARED FLUX DENSITY (8-14 MICRONS) IN THE ARCTIC. HOWARD JOE WITTE, WASHINGTON UNIVERSITY, SEATTLE, WASHINGTON. NOVEMBER 1968. CONTRACT NO. NONR 477(24). MICROFICHE COPY.
NR-H9-00-000-00978	TARGET DETECTION AND RECOGNITION ON SINGLE VERSUS DUAL SENSOR DISPLAYS OF INFRARED AND SIDE-LOOKING RADAR. REPORT NO. AMRL-TR-68-127. JAMES L. PORTERFIELD AND ALMON J. BATE, AEROSPACE MEDICAL RESEARCH LAB., WRIGHT-PATTERSON AFB, OHIO FEB. 1969. STAR N69-40223. MICROFICHE COPY.
NR-H9-00-000-00980	SMALL SIZE AERIAL CAMERA AFA-MIIGAIK. B.N. RODIONOV, USSR. TRANSLATION OF INSTITUT INZHENEROV GEODEZII, AEROFOTOS YENKI I KARTOGRAFII. TRUDY (MOSCOW), NO. 45, 1961. PP.9-11. STAR N69-32950. MICROFICHE COPY.
NR-H9-00-000-00983	A STUDY OF RAPID PHOTOINTERPRETATION METHODS. REPORT NO. BESRL-TRR-1153. R.L. BEECHLER, S.H. WINTERSTEIN, ET AL., U.S. ARMY BEHAVIORAL SCIENCE RESEARCH LABORATORY, ARLINGTON, VIRGINIA. JUNE 1969. CONTRACT NO. DA-49-092-ARO-44. AD-694 348. STAR N70-16246
NR-H9-00-000-00987	TERRAIN ANALYSIS BY ELECTROMAGNETIC MEANS. REPORT 1 - LABORATORY INVESTIGATIONS IN THE 0.76- TO 5.00-MICRON SPECTRAL REGION. TECHNICAL REPORT NO. 3-693. B.R. DAVIS, E.B. LIPSCOMB, ET AL., U.S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS. OCT. 1965.
NR-H9-00-000-00992	MULTISENSOR ANALYSIS FOR SOILS MAPPING. HAROLD T. RIB, BUREAU OF PUBLIC ROADS AND ROBERT D. MILES, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY ENGINEERING REPRINT, CE-266, JUNE 1969.



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-00994	PRINCIPLES AND APPLICATIONS OF ANALYTICAL MIRROR PHOTOGRAMMETRY. EDWARD M. MIKHAIL, PURDUE UNIVERSITY. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING REPRINTS, CE-247, JAN. 1969.
NR-H9-00-000-00995	DEFINING AND MEASURING LIGHT. O.A. ULLRICH, BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO. PUBLISHED IN MACHINE DESIGN, VOL. 40, NO. 12, MAY 23, 1968. PP.172-179.
NR-H9-GJ-000-00996	ENGINEERING SOILS MAPPING OF INDIANA FROM AIRPHOTOS. PACIFICO MONTANO, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING BULLETIN, NO. 84, MARCH 1953.
NR-H9-00-000-00997	FACTORS LIMITING THE USE OF AERIAL PHOTOGRAPHS FOR ANALYSIS OF SOIL AND TERRAIN. ROBERT E. FROST, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. PUBLISHED IN PURDUE UNIVERSITY, ENGINEERING BULLETIN, NO. 88, SEPT. 1953.
NR-H9-00-000-01008	A NEW TECHNIQUE FOR COLOR SCHLIEREN. JOHN H. AND JENNIE W. WADDELL. PUBLISHED IN RESEARCH/DEVELOPMENT, VOL. 21, NO. 3, MARCH 1970. PP. 30 + 32.
NR-H9-00-000-01015	FLIGHT EVALUATION OF AN INFRARED SPECTROMETER AS A CLEAR AIR TURBULENCE DETECTOR. G.A. MATHER, NATIONAL AERONAUTICAL ESTABLISHMENT, FLIGHT RESEARCH SECTION, OTTAWA, ONTARIO, CANADA. MAY 1967. AS-819 533. MICROFICHE COPY.
NR-H9-00-000-01030	PROBLEMS OF INFRARED ATMOSPHERIC SPECTROSCOPY INVOLVED IN SATELLITE MEASUREMENTS OF THE UNDER-LYING SURFACE TEMPERATURE. K. IA. KONDRATEV, Leningradskii Gosudarstvennyi Universitet, Leningrad, USSR. PUBLISHED IN ACADEMY OF SCIENCES, USSR, IZVESTIYA, ATMOSPHERIC AND OCEANIC PHYSICS, VOL. 5, JUNE 1969. PP.351-359. A70-17205. MICROFICHE COPY.
NR-H9-EJ-027-01033	OPTIMIZATION OF MICROWAVE RADIOMETRIC SYSTEMS FOR EARTH RESOURCE SURVEYS. FINAL REPORT. NASA-CR-86316. H.I. EWEN AND A.H. BARRETT, EWEN KNIGHT CORP., EAST NATICK, MASS. JUNE 1969. CONTRACT NO. NAS12-2047. STAR N70-17428.
NR-H9-00-000-01035	PERFORMANCE OF A SPECTROMETER FOR MEASURING THE EARTH'S RADIANCE NEAR 4.3 MICROMETERS. P.W. SCHAPER, JET PROPULSION LABORATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. AND J.H. SHAW, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. PUBLISHED IN APPLIED OPTICS, VOL. 9, NO. 4, APRIL 1970. PP.924-928. A70-27752
NR-H9-00-000-01036	RADAR SCATTEROMETRY. CRES TECHNICAL REPORT 118-15. R.K. MOORE AND W.P. WAITE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. JANUARY 1969. CONTRACT NUMBER NAS9-7175.
NR-H9-00-000-01043	PHOTOGRAPHS OF THE EARTH FROM AIS (ZOND-5). TRANSLATION FROM PRAVDA, OCT. 1968. CONTRACT NO. NASS-12487.
NR-H9-00-000-01045	ENVIRONMENTAL PREDICTION USING ORBITAL SENSORS. DR. WILLIAM O. DAVIS AND DR. JOACHIM P. KUETTNER, NATIONAL ENVIRONMENTAL SATELLITE CENTER, ESSA, ROCKVILLE, MARYLAND. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, ANNUAL MEETING, 13TH, DALLAS, TEXAS, MAY 1967. PAPER AAS 67-104. A67-29959
NR-H9-EK-998-01046	PROJECTED USES OF OBSERVATIONS OF THE EARTH FROM SPACE -- THE EROS PROGRAM OF THE DEPARTMENT OF THE INTERIOR. WILLIAM A. FISCHER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PUBLISHED IN AIAA PROCEEDINGS, MARCH 1970, PAPER NO. 70-332. PRESENTED AT THE AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MARYLAND, MARCH 1970. A70-22889 A70-41871

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-EJ-998-01050	REMOTE SENSING OF AGRICULTURE FORESTRY AND WATER RESOURCES. RONALD J. SCHERTLER, NASA, LEWIS RESEARCH CENTER, CLEVELAND, OHIO. PRESENTED AT THE AMERICAN SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS CONFERENCE, CHICAGO, ILLINOIS. DEC. 1969. REPORT NO. NASA-TM-X-52724. A70-16164.
NR-H9-00-000-01053	ATTITUDE-REFERENCED RADIOMETER STUDY. VOLUME 2 - PRECISION RADIOMETRIC SYSTEM. JOHN R. THOMAS AND JOHN C. CARSON, HONEYWELL, INC., MINNEAPOLIS, MINN. AUGUST 1969. REPORT NO. NASA-CR-66855. CONTRACT NO. NAS1-8801. STAR N70-17760.
NR-H9-00-000-01054	INFRARED PHOTODETECTOR. FINAL REPORT, 13 MAY 68-12 MAY 69. HONEYWELL INC., LEXINGTON, MASS. REPORT NO. NASA-CR-107351. CONTRACT NO. NAS5-11554. STAR N70-14145.
NR-H9-00-000-01057	DISCUSSION OF A MODEL OF THE APPARENT TEMPERATURE OF NATURAL SURFACES IN THE MICROWAVE RANGE. TECHNICAL REPORT RSC-10. JERRY A. RICHARDSON, TEXAS A+M UNIVERSITY, COLLEGE STATION, TEXAS. MAY 1970. CONTRACT NO. NASA GRANT NSG 239-62. NASA-CR-110832. N70-42657. MICROFICHE AND HARD COPY.
NR-H9-00-000-01060	THERMAL MODELING AND INTERPRETATION. DANA C. PARKER, DAEDALUS ENTERPRISES INC., ANN ARBOR, MICHIGAN. PRESENTED AT FUNDAMENTALS OF REMOTE SENSING - UNIVERSITY OF MICHIGAN, ENGINEERING SUMMER CONFERENCES, ANN ARBOR, MICHIGAN, JULY 1969. A69-37740.
NR-H9-00-000-01061	ECONOMIC ANALYSIS OF REMOTE SENSING SYSTEMS. I.J. SATTINGER. JULY 1969. PRESENTED AT FUNDAMENTALS OF REMOTE SENSING - UNIVERSITY OF MICHIGAN, ENGINEERING SUMMER CONFERENCES, ANN ARBOR, MICHIGAN. A69-37742.
NR-H9-00-000-01062	THE RCA DEVELOPMENTAL HIGH-RESOLUTION 4.5-INCH IMAGE-INTENSIFIER/RETURN-BEAM VIDICON AND CAMERA SYSTEM. C. BRUCE JOHNSON, RADIO CORP. OF AMERICA, LANCASTER, PA. AND OTTO H. SCHADE, SR., RADIO CORP. OF AMERICA, HARRISON, NEW JERSEY. PRESENTED AT THE NATIONAL AEROSPACE ELECTRONICS CONFERENCE, 21ST, DAYTON, OHIO, MAY 1969. A69-34063.
NR-H9-00-000-01063	MICROWAVE SENSING OF SOILS AND SEDIMENTS. J.M. KENNEDY AND A.T. EDGERTON, AERQUET-GENERAL CORP., EL MONTE, CALIFORNIA. PRESENTED AT AMERICAN GEOPHYSICAL UNION, 48TH ANNUAL MEETING, WASHINGTON, D.C., 1967.
NR-H9-00-000-01072	A NEW AUTOMATIC EXPOSURE CONTROL SYSTEM. ELIEZER E. LEV AND KARL H. ROTH, PHOTO-SONICS, INC., BURBANK, CALIF. PUBLISHED IN SPIE JOURNAL, VOL. 8, NOV. 1969. PP.24-27. A70-15771.
NR-H9-00-000-01078	SOME OBSERVATIONS ON PHOTOGRAPHIC INTERPRETATION. MULTI-SPECTRAL CAMERA SYSTEMS. CHARLES E. OLSON, JR., UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. PRESENTED AT FUNDAMENTALS OF REMOTE SENSING-UNIVERSITY OF MICHIGAN, ENGINEERING SUMMER CONFERENCES, ANN ARBOR, MICHIGAN, JULY 1969.
NR-H9-00-000-01081	AN INTRODUCTION TO SYNTHETIC-APERATURE RADAR. LEONARD J. PORCELLO, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. PUBLISHED IN IEEE SPECTRUM, VOL. 6, SEPT. 1969. PP.52-62. A70-12632.
NR-H9-EJ-998-01082	BIDIRECTIONAL REFLECTANCE MEASUREMENTS FROM AN AIRCRAFT OVER NATURAL EARTH SURFACES. BARBARA BRENNEN, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. MAY 1967. REPORT NOS. NASA TM-X-63564 AND X-622-69-216. STAR N69-28454.
NR-H9-00-000-01085	SOME TRENDS IN AUTOMATION OF PHOTOGRAMMETRY. U.V. HELAVA, SOUTHFIELD, MICHIGAN. PUBLISHED IN BILDMESSUNG UND LUFT-BILDWESEN, VOL. 37, NOV. 1, 1969. PP.261-270. A70-12652.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01088	MULTIPURPOSE UTILIZATION OF AERIAL METHODS ABOARD. P. YA. RAYZER, AERIAL METHODS LABORATORY. PUBLISHED IN GEODESY AND AEROPHOTOGRAPHY, NO. 1, 1967. PP.400-401.
NR-H9-00-000-01095	THE ACCURACY OF THE HIGH RESOLUTION INFRARED RADIOMETER ON NIMBUS 2. E.J. WILLIAMSON, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. AUG. 1969. REPORT NOS. NASA-TM-X-63687 AND X-622-69-313. STAR N69-38583. AND N70-24798.
NR-H9-00-000-01096	OPTIMIZATION OF RADAR SCATTEROMETER SYSTEM. ALBERT W. BIGGS, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. PRESENTED AT THE INSTRUMENT SOCIETY OF AMERICA, ANNUAL CONFERENCE, 24TH, HOUSTON, TEXAS, OCT. 1969, PAPER 69-637. PUBLISHED IN ADVANCES IN INSTRUMENTATION, VOL. 24, PART 3, 1969. PP.637-1 TO 637-7. A70-18594.
NR-H9-00-000-01106	INTERACTION OF OPTICAL ENERGY WITH ATMOSPHERE. SEIBERT O. DUNTLEY, UNIVERSITY OF CALIFORNIA, LA JOLLA, CALIFORNIA. PUBLISHED IN AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970, PAPER 70-288. A70-22893
NR-H9-00-000-01107	AIRPHOTO INTERPRETATION AND RURAL LAND-USE MAPPING IN CANADA. L.C. MUNN, ET AL., DEPT. OF FORESTRY, OTTAWA, CANADA. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 21, JUNE 1966. PP.65-76.
NR-H9-00-000-01109	WORKADAY JOBS EARTH SATELLITES WILL DO. PUBLISHED IN CHANGING TIMES, THE KIPLINGER MAGAZINE, VOL. 24, NO. 7, JULY 1970, PP.23-24.
NR-H9-00-000-01111	OPTICAL PATTERN CLASSIFICATION. S. HOLDEN, HAWKER SIDDELEY DYNAMICS LTD., HATFIELD, HERTS, ENGLAND. PUBLISHED IN JOURNAL OF SCIENTIFIC INSTRUMENTS, SERIES 2, VOL. 1, 1968. PP.827-828
NR-H9-00-000-01112	THE APPLICATION OF REMOTE SENSING INSTRUMENTS IN EARTH RESOURCE SURVEYS. PETER C. BADGLEY, NASA/WASHINGTON, D.C., LEO CHILDS, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS, AND WILLIAM L. VEST, IIT RESEARCH INSTITUTE, WASHINGTON, D.C. PUBLISHED IN GEOPHYSICS, VOL. 32, NO. 4, AUG. 1967. PP.583-601
NR-H9-00-000-01117	AIRBORNE INFRA-RED MEASUREMENTS AT THE ROYAL AIRCRAFT ESTABLISHMENT. N.D.P. HUGHES, ET AL., ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, HANTS, ENGLAND. PUBLISHED IN INFRARED PHYSICS, VOL. 8, NO. 3, 1968. PP.79-88.
NR-H9-00-000-01119	RADIO ICE SOUNDING OF POLAR ICE SHEETS. J.T. BAILEY, ET AL., SCOTT POLAR RESEARCH INSTITUTE, CAMBRIDGE, ENGLAND. PUBLISHED IN NATURE, VOL. 204, NO. 4957, 1964. PP.420-441.
NR-H9-00-000-01132	EARTH ORBITING SPACE-BASE CREW SKILLS ASSESSMENT. ROBERT T. QUNDERSEN, MSC/NASA, HOUSTON, TEXAS. APRIL 1970. REPORT NO. NASA-TM-X-1982.
NR-H9-00-000-01135	USE OF MICROWAVE SENSING GROWS. WILLIAM S. HIERONYMUS. REPRINTED FROM AVIATION WEEK AND SPACE TECHNOLOGY, VOL. 92, NO. 13, MARCH 1970. PP.44-46.
NR-H9-00-000-01136	1969/70 STANFORD SPECTRAL DATA MANAGEMENT SYSTEM. STANFORD RSL TECHNICAL REPORT 70-11. MICHAEL HEATHMAN, STANFORD UNIVERSITY, REMOTE SENSING LAB., STANFORD, CALIFORNIA. JUNE 1970. CONTRACT NO. NAS9-7313. N70-36368 NASA-CR-106584 INFRARED SPECTROMETRY STUDIES, SU-RSL-TR-70-11.



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-GJ-998-01138	GEOMORPHOLOGY OF THE LOWER COASTAL PLAIN OF SOUTH CAROLINA, WITH FOLDED INDEX MAP. DONALD J. COLOUHAN, UNIVERSITY OF SOUTH CAROLINA, COLUMBIA, S.C. STATE DEVELOPMENT BOARD, DIVISION OF GEOLOGY, COLUMBIA, SOUTH CAROLINA. 1969.
NR-H9-DJ-049-01139	MULTISPECTRAL EXPERIMENT NO. 2. ABRAHAM ANSON, U.S. ARMY ENGINEERING, GEODESY, INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPMENT AGENCY, FORT BELVOIR, VIRGINIA. AUG. 1965. NASA-DEFENSE PURCHASE REQUEST NO. R-47-009-002.
NR-H9-00-000-01140	BASIC MATTER AND ENERGY RELATIONSHIPS INVOLVED IN REMOTE RECONNAISSANCE. AMERICAN SOCIETY OF PHOTOGRAMMETRY, SUB-COMMITTEE I OF PHOTO INTERPRETATION COMMITTEE, R. COLWELL, CHAIRMAN. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 29, NO. 5, 1963. PP.761-799.
NR-H9-00-000-01141	STUDY OF A DESIGN MODIFICATION TO THE INFRARED MULTIDETECTOR SPECTROMETER FOR THE NIMBUS F EXPERIMENT. FINAL REPORT. B.D. HENDERSON, BECKMAN INSTRUMENTS, INC., FULLERTON, CALIF. FEB. 1970. REPORT NO. NASA-CR-10934 AND FR-1042-101. CONTRACT NO. NAS7-100 AND JPL-952673. STAR N70-23454.
NR-H9-00-000-01143	PHOTOGRAPHIC CONSIDERATIONS FOR AEROSPACE, SECOND EDITION. G.C. BROCK, R.J. KOHLER, ET AL., ITEK CORP., LEXINGTON, MASS. 1969
NR-H9-EJ-998-01146	RESOLUTION OF THE NIMBUS HIGH RESOLUTION INFRARED RADIO-METER. TETSUYA FUJITA, ET AL., UNIVERSITY OF CHICAGO, CHICAGO, ILL. PUBLISHED IN JOURNAL OF APPLIED METEOROLOGY, VOL. 4, AUG. 1965. PP.492-503.
NR-H9-EH-057-01148	WIDEBAND TRANSMISSION OF PHOTOGRAPHIC DATA USING IDCSP SATELLITES. WALTER J. GILL, PHILCO-FORD CORP., PALO ALTO, CALIFORNIA. IN COMMUNICATIONS AND DISPLAYS, WESTERN ELECTRONIC SHOW AND CONVENTION, SAN FRANCISCO, CALIFORNIA, AUG. 1969, TECHNICAL PAPERS, VOL. 13, PART 2, PP.12/4 1-12/4 8. A70-17343.
NR-H9-00-000-01149	FEASIBILITY STUDY OF MICROWAVE RADIOMETRIC REMOTE SENSING, VOL. 1. REPORT NO. NASA CR-86296. VOL. 2, COMPUTER PRINT-OUTS, REPORT NO. NASA CR-86297. VOL. 3, ADDITIONAL PLOTS AND PRINTOUTS, REPORT NO. NASA CR-86298. RONALD A. PORTER, AND EDWIN T. FLORANCE, CAMBRIDGE, MASS. JANUARY 1969. CONTRACT NO. NAS12-629. STAR NOS. N70-14446, N70-14447, AND N70-14448.
NR-H9-00-000-01150	APOLLO 8 PHOTOGRAMMETRY. PAUL E. NORMAN, MAPPING SCIENCE LAB., NASA/MSC, HOUSTON, TEXAS. PRESENTED AT THE ASP/ACSM SEMI-ANNUAL CONVENTION, PORTLAND, OREGON, SEPT. 1969.
NR-H9-00-000-01152	A SEMIAUTOMATIC DATA COLLECTION SYSTEM SUITABLE FOR INFRARED REFLECTIVITY MEASUREMENTS. R. HAMMER, IBM CORP., THOMAS J. WATSON RESEARCH CENTER, YORKTOWN HEIGHTS, N.Y. PUBLISHED IN REVIEW OF SCIENTIFIC INSTRUMENTS, VOL. 40, NO. 10, OCT. 1969 PP.1330-1333. A70-10747.
NR-H9-HJ-000-01154	LOCATING POTENTIAL OUTDOOR RECREATION AREAS FROM AERIAL PHOTOGRAPHS. JOHN J. LINDSAY, UNIVERSITY OF VERMONT, BURLINGTON, VERMONT. PUBLISHED IN JOURNAL OF FORESTRY, VOL. 67, NO. 1, JAN. 1969. PP.33-35.
NR-H9-00-000-01155	SPACE SYSTEMS FOR EARTH RESOURCES INFORMATION. DONALD M. WALTZ, TRW SYSTEMS, REDONDO BEACH, CALIF. PRESENTED AT THE AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, LAS CRUCES, NEW MEXICO, OCT. 1969. PAPER NO. AAS69-584. A70-14643.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-EJ-998-01156	GENERAL INFORMATION OF MULTISPECTRAL PHOTOGRAPHY NASA EXPERIMENT S065 AS FLOWN ON APOLLO 9, MARCH 1969. PAUL D. LOWMAN, JR., NASA/GODDARD SPACEFLIGHT CENTER, GREENBELT, MARYLAND.
NR-H9-00-000-01160	SPOTTING POLLUTION FROM SPACE. KIRT R. STEHLING. PUBLISHED IN SPACE/AERONAUTICS, VOL. 53, NO. 6, JUNE 1970. PP.47-49.
NR-H9-00-000-01165	INFRARED COLOUR PHOTOGRAPHY. ALAN MARSHALL, KODAK, LTD., HARROW, MIDDLESEX, ENGLAND. PUBLISHED IN SCIENCE JOURNAL, VOL. 4, NO. 1, JAN. 1968. PP.45-51.
NR-H9-DJ-999-01167	AERIAL PHOTOGRAPHY OF THE EARTH'S SURFACE, ITS PROCUREMENT AND USE. ROBERT N. COLWELL, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIF. PUBLISHED IN APPLIED OPTICS, VOL. 5, NO. 6, JUNE 1966. PP.883-892.
NR-H9-00-000-01168	SPACE OBSERVATIONS AID EARTH RESOURCE STUDIES. WILLIAM A. FISCHER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 4TH, ANAHEIM, CALIF., OCT. 1967. PAPER NO. 67-764.
NR-H9-00-000-01169	SENSING WITH RADAR. DR. LEONARD J. PORCELLO, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. PRESENTED AT THE UNIVERSITY OF MICHIGAN, ENGINEERING SUMMER CONFERENCES, FUNDAMENTALS OF REMOTE SENSING, ANN ARBOR, MICH., JULY 1969. A69-37741.
NR-H9-00-000-01170	THE EXTRACTION OF DATA FROM AERIAL PHOTOGRAPHS BY HUMAN AND MECHANICAL MEANS. DR. ROBERT N. COLWELL, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIF. PUBLISHED IN PHOTOGRAMMETRIA, VOL. 20, 1965. PP.211-228.
NR-H9-00-000-01172	PHOTOGRAPHY AND IMAGERY - A CLARIFICATION OF TERMS. CHARLES J. ROBINOVE, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PUBLISHED IN PHOTOGRAMMETRIC ENGINEERING, VOL. 29, NO. 5, 1963. PP.880-881.
NR-H9-00-000-01175	REMOTE DETECTION OF SOLAR STIMULATED LUMINESCENCE. WILLIAM R. HEMPHILL, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT THE INTERNATIONAL ASTRONAUTICAL FEDERATION CONGRESS, 19TH, NEW YORK CITY, NEW YORK, OCT. 1968. PAPER AS-156. A70-45007
NR-H9-00-000-01178	GEOPHYSICAL INVESTIGATIONS ON MANNED SPACECRAFTS. K.YA. KONDRATYEV AND O.I. SMOKTY, LENINGRAD STATE UNIVERSITY, LENINGRAD, USSR. PUBLISHED IN PURE AND APPLIED GEOPHYSICS, VOL. 72, NO. 1, 1969. PP.227-246. A69-16633.
NR-H9-00-000-01179	TERRAIN RADAR SCATTER - EXPERIMENTAL AND THEORETICAL. WESCON TECHNICAL PAPERS 1968. PART I, SESSION 22, 5 PAPERS. WESCON (WESTERN ELECTRIC SHOW AND CONVENTION), SPONSORED BY REGION 6 OF THE IEEE AND THE WESTERN ELECTRONIC MANUFACTURERS ASSOC.
NR-H9-00-000-01181	APPARENT TEMPERATURES OF SOME TERRESTRIAL MATERIALS AND THE SUN AT 4.3-MILLIMETER WAVELENGTHS. A.W. STRAITON, C.W. TOLBERT, AND C.O. BRITT, UNIVERSITY OF TEXAS, AUSTIN, TEXAS. PUBLISHED IN JOURNAL OF APPLIED PHYSICS, VOL. 29, NO. 5, MAY 1958. PP.776-782.
NR-H9-00-000-01182	SOME IMPORTANT CHARACTERISTICS OF PHOTOGRAPHIC MATERIALS FOR AIR PHOTOGRAPHS. L. MULLINS, KODAK, LTD. PUBLISHED IN PHOTOGRAMMETRIC, VOL. 5, NO. 28, OCT. 1966. PP.240-270.
NR-H9-00-000-01185	THE USE OF COLOUR PHOTOGRAPHY FOR LARGE-SCALE MAPPING. H.C. WOODROW, ORDNANCE SURVEY. PUBLISHED IN PHOTOGRAMMETRIC RECORD, VOL. 5, NO. 30, 1967. PP.433-460.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01187	MIKROMETEOROLOGISCHE TEMPERATURMESSUNGEN VON LUFTFAHRZEUGEN AUS. DIETER LORENZ, METEOROLOGISCHES OBSERVATORIUM HOHENPEIßENBERG OBERBAUERN, DEUTSCHLAND, WEST GERMANY. PUBLISHED IN ANNALEN DER METEOROLOGIE, NO. 3, 1967. PP.154-158.
NR-H9-00-000-01191	A GUIDE TO SATELLITE CLOUD PHOTO INTERPRETATION. ROY LEE AND CHARLES I. TAGGART, DEPT. OF TRANSPORT, METEOROLOGICAL BRANCH, TORONTO, CANADA. PUBLISHED IN EFFECTS OF ATMOSPHERIC WATER ON ELECTROMAGNETIC WAVE PROPAGATION, NATO, ADVANCED STUDY INSTITUTE PROCEEDINGS, LONDON, ONTARIO, SEPT. 1969. PP.73-90. A70-28786.
NR-H9-00-000-01192	LIDAR. R.T.H. COLLIS, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. PUBLISHED IN EFFECTS OF ATMOSPHERIC WATER ON ELECTROMAGNETIC WAVE PROPAGATION, NATO, ADVANCED STUDY INSTITUTE PROCEEDINGS, LONDON, ONTARIO, SEPT. 1969. PP.104-120. A70-28787.
NR-H9-00-000-01193	SOME PHOTOGRAPHIC RESULTS OF THE APOLLO 11 MISSION. PAUL A LARSEN, NASA, MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. REPORT NO. NASA-TM X-64501. STAR N70-24246.
NR-H9-00-000-01194	AIRBORNE GEOPHYSICAL METHODS. PETER HOOD, GEOLOGICAL SURVEY OF CANADA, OTTAWA, CANADA AND S.H. WARD, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIF. PUBLISHED IN ADVANCES IN GEOPHYSICS, VOL. 13, 1969. PP.1-112.
NR-H9-00-000-01197	METHODOLOGY OF AIR-PHOTO-INTERPRETATION AS ILLUSTRATED FROM THE SOIL SCIENCES. A.P.A. VINK, UNIVERSITY OF AMSTERDAM, AMSTERDAM, NETHERLANDS. PUBLISHED IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, JAN. 1970. PP.35-44. A70-19776.
NR-H9-00-000-01202	SOME OBSERVATIONS ON PHOTOGRAPHIC INTERPRETATION. WHAT IS PHOTOGRAPHIC INTERPRETATION. CHARLES E. OLSON, JR., UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. PRESENTED AT THE UNIVERSITY OF MICHIGAN, ENGINEERING SUMMER CONFERENCES, FUNDAMENTALS OF REMOTE SENSING, ANN ARBOR, MICH., JULY 1969. A69-37739.
NR-H9-00-000-01204	INFRARED SPECTRAL EMISSIVITY OF TERRAIN. FINAL REPORT, JAN. 1957-MARCH 1958. W.R. FREDRICKSON, N. GINSBURG, AND R. PAULSON, SYRACUSE UNIVERSITY, SYRACUSE, NEW YORK. REPORT NO. WADC-TR-58-229. CONTRACT NO. AF33(616)-5034 AND 4056-40560. AD-155-552.
NR-H9-00-000-01207	MAKING PHOTOGRAPHS CLEARER. RESEARCH TRENDS MAGAZINE, CORNELL AERONAUTICAL LAB., BUFFALO, NEW YORK. PUBLISHED IN INDUSTRIAL PHOTOGRAPHY, VOL. 18, OCT. 1969. PP.24-27, 81-82.
NR-H9-00-000-01209	PHOTOGRAPHISCHE AUFNAHMEN AUSSERHALB DER ERDATMOSPHERE UND IHRE MOGLICHE KUNSTIGE BEDEUTUNG FÜR DIE WISSENSCHAFT. (PHOTOGRAPHS OUTSIDE THE EARTH'S ATMOSPHERE AND THEIR POSSIBLE FUTURE IMPORTANCE TO SCIENCE.) PROF. HARALD VOLKMANN, CARL ZEISS, WEST GERMANY. PUBLISHED IN NATURWISSENSCHAFTLICHE RUNDSCHAU, VOL. 22, HEFT. 10, OCT. 1969. PP.431-439. A70-13168.
NR-H9-00-000-01216	DIFFRACTION-PATTERN SAMPLING FOR AUTOMATIC PATTERN RECOGNITION. GEORGE G. LENDARIS AND GORDON L. STANLEY, AC ELECTRONICS-DEFENSE RESEARCH LAB., SANTA BARBARA, CALIF. PUBLISHED IN IEEE PROCEEDINGS, VOL. 58, FEB. 1970. PP.198-216. A70-23802.
NR-H9-HJ-998-01220	OPERATIONAL AIRBORNE THERMAL IMAGING SURVEYS. RONALD W. STINGELIN, HRB-SINGER, INC., STATE COLLEGE, PA. PUBLISHED IN GEOPHYSICS, VOL. 34, NO. 5, OCT. 1969. PP.760-771.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01222	A SPECTRUM MATCHING TECHNIQUES FOR ENHANCING IMAGE CONTRAST DONALD S. LOWE AND JOHN G.N. HRAITHWAITE, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. PUBLISHED IN APPLIED OPTICS, VOL. 5, NO. 6, JUNE 1966. PP.893-898.
NR-H9-EJ-998-01232	MANNED SYSTEMS FOR SENSING EARTH'S RESOURCES. JOHN E. DORNBAUGH, NASA/MSC, EARTH OBSERVATIONS DIV., HOUSTON, TEXAS. PUBLISHED IN PRINCETON UNIVERSITY CONFERENCE ON AEROSPACE METHODS FOR REALING AND EVALUATING EARTH'S RESOURCES, PRINCETON, N.J., SEPT. 1969, PROCEEDING, PP.6.1-6.35.
NR-H9-00-000-01233	OPERATIONAL PLANNING FOR GLOBAL EARTH SURVEYS USING SPACE VEHICLES. PETER BOCK AND JOHN G. BARMBY, IIT RESEARCH INSTITUTE, CHICAGO, ILL. AND ROBERT DUBINSKY, GEONAUTICS, INC., WASHINGTON, D.C. PRESENTED AT THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, ANNUAL TECHNICAL SYMPOSIUM AND EXHIBORAMA, 14TH, SAN FRANCISCO, CALIF. AUG. 1969. PUBLISHED IN PHOTO-OPTICAL INSTRUMENTATION APPLICATIONS AND THEORY, SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS PROCEEDINGS, VOL. 2, AUG. 1969. PP.199-206. CONTRACT NO. NASR 65(10). A70-23762.
NR-H9-00-000-01234	SEHEN UND WAHRNEHMEN BEI DER LUFTBILDINTERPRETATION. SEEBING AND PERCEIVING AT AERIAL PHOTOGRAPHIC INTERPRETATION J. ALBERTZ, KARLSRUHE, UNIVERSITAT, KARLSRUHE, WEST GERMANY. PUBLISHED IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, NO. 1, JAN. 1970. PP.25-34. A70-19777.
NR-H9-00-000-01236	LASER RAMAN SCATTERING FOR AIR POLLUTION MEASUREMENT. HIDEYA GANO, UNIVERSITY OF CALIFORNIA, IRVINE, CALIF. PRESENTED AT THE SYMPOSIUM ON OPTICAL IDENTIFICATION OF AIR POLLUTANTS, OPTICAL SOCIETY OF AMERICA, PHILADELPHIA, PA., APRIL 1970.
NR-H9-00-000-01242	NEW VISTAS IN RECONNAISSANCE FROM SPACE. J.S. BUTZ, JR., TECHNICAL EDITOR, AIR FORCE/SPACE DIGEST. PUBLISHED IN AIR FORCE MAGAZINE, VOL. 51, NO. 3, MARCH 1968. PP.46-48, 50-51, AND 53-56.
NR-H9-00-000-01262	REMOTE OBSERVATION OF EARTH RESOURCES. R.W. LAING AND G.K. C. PARDOE, SPACE DIVISION, HAWKER SIDDELEY DYNAMICS LIMITED, STEVENAGE, HERTFORDSHIRE, ENGLAND. IN JOURNAL OF THE BRITISH INTERPLANETARY SOCIETY, VOL. 23, NO. 5, MAY 1970. PP.329-348. PRESENTED AT THE NATO, BRITISH INTERPLANETARY SOCIETY, INTERNATIONAL SUMMER SCHOOL ON EARTH OBSERVATION SATELLITES, CAMBRIDGE, ENGLAND. JULY 1969.
NR-H9-00-000-01273	CLOUD PHOTOGRAMMETRY FROM AIRBORNE TIME-LAPSE PHOTOGRAPHY. LUIS M.H. CANTILLO AND WILLIAM L. WOODLEY, UNIVERSITY OF MIAMI, CORAL GABLES, FLORIDA. IN JOURNAL OF THE SMPTE, VOL. 79, NO. 7, JULY 1970. PP.604-606.
NR-H9-00-000-01278	QUANTITATIVE ONE-EMULSION OR ONE-TV-TUBE COLORIMETRY OF THE EARTH. GEORGES COURTES, CNRS, LABORATOIRE D' ASTRONOMIE SPATIALE, TRAVERSE DU SIPHON, LES TROIS LUCE, MARSEILLE, FRANCE. AT BRITISH INTERPLANETARY SOCIETY, INTERNATIONAL SUMMER SCHOOL ON EARTH OBSERVATION SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969. IN BRITISH INTERPLANETARY SOCIETY JOURNAL, VOL. 23, MAY 1970. PP.357-362. A70-28987.
NR-H9-00-000-01279	PATTERN RECOGNITION FROM SATELLITE ALTITUDES. EUGENE M. DARLING, JR., NASA, ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS., AND R. DAVID JOSEPH, DOUGLAS AIRCRAFT CO., INC., NEWPORT BEACH, CALIF. IN IEEE TRANSACTIONS ON SYSTEMS SCIENCE AND CYBERNETICS, VOL. SSC-4, NO. 1, MARCH 1968. PP.38-47. A68-24527.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01284	THE NATURE OF INFRARED RADIATION AND WAYS TO PHOTOGRAPHY IT. DR. G.H. SUITS, THE UNIVERSITY OF MICHIGAN, WILLOW RUN LABORATORIES, ANN ARBOR, MICH. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 26, NO. 5, 1960. PP.763-772.
NR-H9-00-000-01294	COLOR AERIAL PHOTOGRAPHY IN PRACTICE AND APPLICATION. P.G. MOTT, HUNTING SURVEYS LIMITED. IN PHOTOGRAMMETRIC RECORD, VOL. 5, NO. 28, 1966. PP.221-239.
NR-H9-00-000-01302	INTERACTION OF INFRARED ENERGY WITH THE EARTH'S ATMOSPHERE. W.A. HOVIS, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. IN AIAA, EARTH OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970. PAPER 70-289. A70-22892
NR-H9-00-000-01303	IN SITU CALIBRATION OF INFRARED THERMOMETERS. R.D. BOUDREAU DESERET TEST CENTER, FORT DOUGLAS, UTAH, AND G.A. FRANCESCHINI, TEXAS A+M UNIVERSITY, COLLEGE STATION, TEXAS. IN APPLIED OPTICS, VOL. 9, NO. 2, FEB. 1970. PP.513-514. (REPRINT). A70-23536
NR-H9-00-000-01305	AN INTERPRETER'S PERSPECTIVE ON MODERN AIRBORNE-RADAR IMAGERY. RICHARD B. INNES, UNIVERSITY OF MICHIGAN, INSTITUTE OF SCIENCE AND TECHNOLOGY, WILLOW RUN LABORATORIES, ANN ARBOR, MICH. IN FUNDAMENTALS OF REMOTE SENSING, UNIVERSITY OF MICHIGAN, ENGINEERING SUMMER CONFERENCES, ANN ARBOR, MICH., JULY 1969. ALSO IN RECORD OF 5TH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, UNIV. OF MICH., ANN ARBOR, MICH. 1968. A69-37735.
NR-H9-00-000-01306	SOVIET BLOC GEOPHYSICS, ASTRONOMY AND SPACE, NO. 228, MAY 13, 1970. PP.25-33. ABSTRACTS OF SCIENTIFIC PAPERS. REPORT NO. JPRS 50505.
NR-H9-00-000-01310	PHYSICAL AND PHYSIOLOGICAL BASIS FOR DIFFERENCES IN REFLECTANCE OF HEALTHY AND DISEASED PLANTS. CRREL TECHNICAL REPORT EDWARD B. KNIPLING, U.S. ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, NEW HAMPSHIRE. CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON, D.C. AT WORKSHOP IN INFRARED COLOR PHOTOGRAPHY IN THE PLANT SCIENCES, WINTER HAVEN, FLA., MARCH 1970.
NR-H9-00-000-01311	A SMALL, HIGH SPEED INTERFEROMETER FOR AIRCRAFT, BALLOON, AND SPACECRAFT APPLICATIONS. R.A. SCHINDLER, CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LAB., PASADENA, CALIF. IN APPLIED OPTICS, VOL. 9, NO. 2, FEB. 1970. PP.301-308. A70-23508.
NR-H9-00-000-01312	THE EFFECT OF TWO-DIMENSIONAL TOPOGRAPHY ON SUPERFICIAL THERMAL GRADIENTS. GEOLOGICAL SURVEY BULLETIN 1203-E. ARTHUR H. LACHENBRUCH, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969. AD-698 156 N70-20948.
NR-H9-00-000-01317	THE ROLE OF SYNTHETIC APERTURE RADAR IN EARTH RESOURCE MONITORING. LOUIS J. CUTRONA, KMS TECHNOLOGY CENTER, SAN DIEGO, CALIF. AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MARYLAND, MARCH 1970, PAPER 70-315. A70-22872.
NR-H9-GJ-998-01324	THE NATIONAL ESTUARINE POLLUTION STUDY, 3 VOLUMES. FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, WASHINGTON, D.C. AND DALLAS, TEXAS. NOV. 1969. W70-04299-V.1, W70-043990V.2, W70-04301-V.3.



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01337	TARGET TEMPERATURE MODELING. FINAL REPORT, DEC. 67-JUNE 69. REPORT NO. RADG-TR-69-404. D. BORNEMEIER, H. BENNETT, AND R. HORVATH, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. DEC. 1969. CONTRACT NO. F30602-68-C-0099. MICROFICHE COPY. AD-704 170
NR-H9-00-000-01341	DEVELOPMENT OF INFRARED SPECTROMETERS IN RECENT YEARS. I-SHAN CHENG (CHINA), EAST CHINA NORMAL UNIVERSITY. TRANSLATION FROM K'O HSEUH I CH'I (CHINA), VOL. 4, NO. 4, 1966. PP.145-154. MICROFICHE COPY. AD-698 520 N70-23328.
NR-H9-00-000-01343	A DEVICE FOR AUTOMATIC CODING AND INPUT OF IMAGES FROM BLACK-AND WHITE PHOTOGRAPHS INTO EVM. V.A. LVOV, N.S. POLESHCHUK, AND N.M. KAZACHUK, USSR. TRANSLATION FROM PEREDOVNOI NAUCHNO-TEKHNICHESKII I PROIZVODSTVENNYI OPYT (USSR), NO. 19, 1967. PP.1-13. MICROFICHE COPY. AD-700 344 N70-27627
NR-H9-00-000-01345	CONSIDERATIONS IN CHOOSING THE ORBIT FOR AN EARTH RESOURCES SURVEY SATELLITE. JOSEPH OTTERMAN AND BRUCE T. BACHOFER, GENERAL ELECTRIC CO., SPACE SYSTEMS DIV., PHILADELPHIA, PA. AT NATO/BRITISH INTERPLANETARY SOCIETY, INTERNATIONAL SUMMER SCHOOL ON EARTH OBSERVATION SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969. MICROFICHE COPY. N70-11211.
NR-H9-00-000-01348	LIMITATIONS IN OPTICAL IMAGING DEVICES AT LOW LIGHT-LEVELS. REPORT NO. SRDE-69010. E.A. RICHARDS, SIGNALS RESEARCH AND DEVELOPMENT ESTABLISHMENT, CHRISTCHURCH, ENGLAND. JAN. 1969. MICROFICHE COPY. AD-697 169 N70-18538.
NR-H9-00-000-01351	O DALNOSTI DEISTVIA RADIOLOKATORA BOKOVOGO OBZORA. (OPERATIONAL RANGE OF SIDE-LOOKING RADAR.) I.M. BARANOV, USSR. IN RADIOELEKTRONIKA, VOL. 12, DEC. 1969. PP.1473-1475. MICROFICHE COPY. A70-25139.
NR-H9-00-000-01353	LASER RADARS. TRANSLATION OF THE BOOK - LOKATORY NA LAZERAKH, MOSCOW, PUBLISHING HOUSE OF THE MINISTRY OF DEFENSE, FEB. 1969, PP.1-104. V.I. PETROVSKII AND O.A. POZHIDAYEV, USSR. FEB. 1970. MICROFICHE COPY. N70-24292.
NR-H9-00-000-01359	PARTICLE SIZE SPECTROMETRY OF AEROSOLS THROUGH LIGHT SCATTERING IN A LASER BEAM. W. JACOBI, J. EICHLER, AND N. STOLTERFORT, MAHN-MEITNER INSTITUTE FOR NUCLEAR RESEARCH IN BERLIN, GERMANY. TRANSLATION FROM TEILCHENGROSSEN-SPEKTROMETRIE VON AEROSOLEN DURCH LICHTSTREUUNG IN EINEM LASERSTRAHL, MAHN-MEITNER-INSTITUT FUR KERNFORSCHUNG BERLIN, NOV. 1967. MICROFICHE COPY. PB-1-7 7057 N70-22694
NR-H9-00-000-01362	SPECULATIONS ON THE APPLICATION OF PATTERN RECOGNITION TECHNIQUES TO EARTH RESOURCE SATELLITE DATA. H.M. WATRASIOWICZ AND M.P. BARTON, BRITISH AIRCRAFT CORP., FULTON, ENGLAND. AT NATO/BRITISH INTERPLANETARY SOCIETY INTERNATIONAL SUMMER SCHOOL ON EARTH OBSERVATION SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969. MICROFICHE COPY. N70-13605
NR-H9-HK-000-01377	AERIAL PHOTO INTERPRETATION OF LAND USE CHANGES IN MADAWASKA COUNTY, NEW BRUNSWICK 1944 TO 1961. REPORT NO. 64/4. L.E. PHILPOTTS, CANADA DEPT. OF AGRICULTURE, OTTAWA, ONTARIO, CANADA. 1964.
NR-H9-EJ-998-01379	SELECTED PAPERS ON REMOTE SENSING OF ENVIRONMENT. REPRINTED BY THE AMERICAN SOCIETY OF PHOTOGRAMMETRY, IN COOPERATION WITH WILLOW RUN LABORATORIES, INSTITUTE OF SCIENCE AND TECHNOLOGY, THE UNIVERSITY OF MICHIGAN, ANN ARBOR. JULY 1966.
NR-H9-00-000-01389	AN ANALYSIS OF AIRBORNE MICROWAVE RADIOMETRIC DATA. FINAL REPORT. REPORT NO. NASA CR-109846. RADIOMETRIC TECHNOLOGY, INC., CAMBRIDGE, MASS. FEB. 1970. CONTRACT NO. NAS5-11685. N70-27083

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-GH-997-01395	IMAGE TRANSFORMATIONS OF SATELLITE CLOUD PHOTOGRAPHY. FINAL REPORT MAY 1968-APRIL 1970. REPORT NO. AFCL 70-0221. ROBERT L. PETERS, SINGER-GENERAL PRECISION INC., LINK DIV., SUNNYVALE, CALIF. APRIL 1970 CONTRACT NO. F19628-68-C-0283 AD-707 509 N70-38369. MICROFICHE AND HARD COPY.
NR-H9-00-000-01402	APPLICATION OF AERIAL PHOTOGRAPHS TO PRELIMINARY ENGINEERING SOIL SURVEYS. ROBERT D. MILES, PURDUE UNIVERSITY, JOINT HIGHWAY RESEARCH PROJECT, LAFAYETTE, IND. IN SYMPOSIUM OF SURFACE AND SUBSURFACE RECONNAISSANCE, AMERICAN SOCIETY FOR TESTING MATERIALS, SPECIAL TECHNICAL PUBLICATION NO. 122, 1951. PP.57-72. JOINT HIGHWAY RESEARCH PROJECT, ENGINEERING. REPRINT NO. 77.
NR-H9-00-000-01403	BROAD SPECTRUM BACKSCATTER ACOUSTIC SYSTEM. REPORT NO. CRES-TM-133-2. J.W. ROUSE, JR., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MARCH 1968. CONTRACT NOS. NAS9-7175, AND DAAK02-68-C-0089.
NR-H9-00-000-01404	ANTENNA AND OUTPUT POWER CONSIDERATIONS FOR THE POLYPANCHROMATIC RADAR SYSTEM. REPORT NO. CRES TM 133-1-1. W.P. WAITE, REMOTE SENSING LAB., KANSAS UNIVERSITY, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. JAN. 1968. CONTRACT NO. DAAK02-68-C-0089.
NR-H9-00-000-01405	MULTI-IMAGE CLUSTERING. REPORT NO. CRES TM-133-13. ROBERT M. HARALICK, REMOTE SENSING LAB., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MARCH 1970. CONTRACT NOS. NAS9-7175, AND DAAK02-68-C-0089.
NR-H9-00-000-01411	MULTIPLE IMAGE CLASSIFICATION WITH SPATIAL AND MEASUREMENT SPACE CLUSTERING. REPORT NO. CRES TM 133-6. ROBERT M. HARALICK, REMOTE SENSING LAB., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. OCT. 1968. CONTRACT NO. DAAK02-68-C-0089.
NR-H9-00-000-01412	A PROPOSAL FOR A STUDY OF RECTIFYING AND CONGRUENCING MULTI-SPECTRAL IMAGERY. REPORT NO. CRES TM 133-10. G.C. THOMANN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. NOV. 1969. CONTRACT NO. DAAK02-68-C-0089.
NR-H9-00-000-01413	ACOUSTIC SIMULATION OF STEREO RADAR. REPORT NO. CRES TM 133-8. GARY C. THOMANN AND RICHARD L. WHITEHOUSE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MARCH 1969. CONTRACT NO. DAAK02-68-C-0089.
NR-H9-00-000-01414	ACOUSTIC SIMULATION OF WIDE BANDWIDTH RADAR. REPORT NO. CRES TM 133-7. GARY C. THOMANN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MARCH 1969. CONTRACT NO. DAAK02-68-C-0089.
NR-H9-00-000-01415	IDECS SYSTEM DEVELOPMENT. REPORT NO. CRES TM 133-9. GERRY L. KELLY AND GEORGE W. DALKE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. NOV. 1969. CONTRACT NO. DAAK02-68-C-0089
NR-H9-EJ-130-01416	DESCRIPTIONS AND AIRPHOTO CHARACTERISTICS OF DESERT LANDFORMS. CLARENCE K. DAVIS, ARCTIC INSTITUTE OF NORTH AMERICA, WASHINGTON, D.C., AND JAMES T. NEAL, LT., USAF TASK SCIENTIST, AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, MASS. IN - PHOTOGRAMMETRIC ENGINEERING, VOL. 29, JULY 1963. PP.621-631.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01418	COMMENTS ON A PAPER (ELECTROMAGNETIC SCATTERING FROM ROUGH FINITELY CONDUCTING SURFACES) BY ALEX STOGRYN. A.K. FUNG, CENTER FOR RESEARCH, INC., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS, AND ALEX STOGRYN, AEROUJET-GENERAL CORP., EL MONTE, CALIF. IN RADIO SCIENCE, VOL. 2, NEW SERIES, NO. 12, DEC. 1967. PP.1525. ALSO (REPLY TO A.K. FUNG'S COMMENTS) CONTRACT NOS. NSF GRANTS 6K-1153 AND 6K-875.
NR-H9-EJ-998-01426	APLICACION DE SENSORES REMOTOS PARA DETERMINACION, CONSERVACION Y DESARROLLO DE RECURSOS NATURALES, SIMPOSIO, 1ST, LA PLATA, ARGENTINA, OCT. 1969. VOL. I, REPORTS, 135P. VOL. II, ILLUSTRACIONES, 125P. IN SPANISH. H.J. RICCIARDI, EDITOR, UNIVERSIDAD NACIONAL DE LA PLATA, ASOCIACION ARGENTINA DE CIENCIAS AEROSPAZIALES, AND COMISION NACIONAL DE INVESTIGACIONES ESPACIALES, LA PLATA, REPUBLICA ARGENTINA. VOL. I - REPORTS, 135P. VOL. II - ILLUSTRACIONES, 125P. N71-14916
NR-H9-00-000-01427	METHOD OF SIGNAL SAMPLING AND DATA RECORDING FOR A POLYPANCHROMATIC RADAR SYSTEM. REPORT NO. CRES TM 133-1-4. P.D. SHAW, M.E. SHAW, AND I. DINSTEN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MARCH 1969. CONTRACT NUMBER DAAK02-68-C-0089.
NR-H9-00-000-01429	THE RESEARCH POTENTIAL OF MANNED EARTH ORBITING SPACECRAFT FOR METEOROLOGY. S. FRED SINGER, U.S. DEPT. OF THE INTERIOR, WASHINGTON, D.C. IN MANNED LABORATORIES IN SPACE, INTERNATIONAL ACADEMY OF ASTRONAUTICS, INTERNATIONAL ASTRONAUTICAL CONGRESS, 19TH, INTERNATIONAL ORBITAL LAB. SYMPOSIUM, 2ND, NEW YORK CITY, OCT. 1968, PROCEEDINGS (ASTROPHYSICS AND SPACE SCIENCE LIBRARY, VOL. 16, 1969.) PP.33-45. A70-27744
NR-H9-00-000-01430	SURFACE CURRENT OF A LOCALLY FLAT CONDUCTOR AND DEPOLARIZED BACKSCATTER. A.K. FUNG AND P. BECKMANN, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. IN PROCEEDINGS IEEE, VOL. 55, NO. 7, JULY 1967. PP.1235. CONTRACT NO. NSF GRANT GK-789.
NR-H9-00-000-01434	NON-PHOTOGRAPHIC DETECTORS. DONALD S. LOWE, THE INSTITUTE OF SCIENCE AND TECHNOLOGY, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. IN FUNDAMENTALS OF REMOTE SENSING, UNIVERSITY OF MICHIGAN, ENGINEERING SUMMER CONFERENCES, ANN ARBOR, MICH., JULY 1968. A69-37736
NR-H9-EJ-000-01435	OBSERVATIONS ON THE GEOMORPHOLOGY OF PART OF THE WASATCH RANGE, UTAH. REPORT NO. CRES TM-133-4. REX PETERSON, REMOTE SENSING LAB., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MARCH 1968. CONTRACT NOS. DAAK02-68-C-0089 AND NAS 9-7175.
NR-H9-00-000-01436	A DIGITAL SYSTEM TO CONTROL SAMPLING MEASUREMENTS FOR A POLYPANCHROMATIC RADAR. REPORT NO. CRES TM-133-1-3. ITS'HAK DINSTEN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. OCT. 1968. CONTRACT NUMBER DAAK02-68-C-0089.
NR-H9-00-000-01438	SYSTEM AND COMPONENT CONSIDERATIONS FOR THE POLYPANCHROMATIC RADAR. REPORT NO. CRES TM 133-1-2. P.D. SHAW, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. OCT. 1968. CONTRACT NUMBER DAAK02-68-C-0089.
NR-H9-00-000-01439	THE USES OF WIDE BANDWIDTH SIGNALS IN RADAR SYSTEMS - A REVIEW. REPORT NO. CRES TM 133-12. GARY C. THOMANN, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MARCH 1970. CONTRACT NUMBER DAAK02-68-C-0089.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-EJ-210-01441	SEEPAGE DETECTION BY REMOTE SENSING. THOMAS R. ORY, HRB-SINGER, INC., RADIOMETRICS LAB., STATE COLLEGE, PA. U.S. DEPT. OF AGRICULTURE, AGRICULTURAL RESEARCH SERVICE, WASHINGTON, D.C. IN U.S. DEPT. OF AGRICULTURE, ARS-41-147, APRIL 1969. PP.128-133. W70-02169
NR-H9-00-000-01442	SONIC HOLOGRAPHY. FRED W. HOLDER, (NO ADDRESS) IN ELECTRONICS WORLD, VOL. 83, NO. 6, JUNE 1970. PP.32-35.
NR-H9-00-000-01449	STUDY OF THE BARRINGER REFRACTOR PLATE CORRELATION SPECTROMETER AS A REMOTE SENSING INSTRUMENT. REPORT NO. UTIAS REPORT NO. 146. MILLAN M. MILLAN, STANLEY J. TOWNSEND, AND JOHN DAVIES, BARRINGER RESEARCH LTD., REXDALE, ONTARIO, CANADA. TORONTO UNIVERSITY, TORONTO, CANADA. AUG. 1970. CONTRACT NO. NAS 9-9492. NASA-CR-11373. UTIAS REPORT NO. 146-REV. 100 PAGES, MICROFICHE AND HARD COPY.
NR-H9-00-000-01453	MATHEMATICAL THEORY OF FILTERING PROGRAM. REPORT NO. CRES TM 177-2. ROBERT M. HARALICK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. CONTRACT NO. NAS 9-10261.
NR-H9-00-000-01455	COMMENTS ON MICROWAVE SENSING OF SOIL MOISTURE. TECHNICAL MEMORANDUM RSC-4. B. RANDALL JEAN, TEXAS A-M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. APRIL 1970.
NR-H9-00-000-01457	EVALUATION OF INFRARED EMISSION OF CLOUDS AND GROUND AS MEASURED BY WEATHER SATELLITES. ENVIRONMENTAL RESEARCH PAPERS, NO. 155. REPORT NO. AF-CRL-65-840. CLIFFORD D. KERN, AIR FORCE CAMBRIDGE RESEARCH LAB., L.G. HANSCOM FIELD, BEDFORD, MASS. NOV. 1965.
NR-H9-EJ-130-01459	ELECTRO-OPTICAL SENSING OF ENVIRONMENTAL POLLUTANTS. A.J. MOFFAT, J.R. ROBBINS, AND A.R. BARRINGER, BARRINGER RESEARCH LTD., REXDALE, ONTARIO, CANADA. PRESENTED AT AMERICAN CHEMICAL SOCIETY MEETING, 158TH, DIV. OF INDUSTRIAL AND ENGINEERING CHEMISTRY, NEW YORK CITY, SEPT. 1969.
NR-H9-00-000-01469	IMAGE PROCESSING - A REVIEW AND PROJECTION. J.K. HAWKINS, ROBOT RESEARCH, LA JOLLA, CALIF. IN AUTOMATIC INTERPRETATION AND CLASSIFICATION OF IMAGES, NATO ADVANCED STUDY INSTITUTE, PISA-TIRRENIA, ITALY, SEPT. 1968, PROCEEDINGS. PP.199-234. CONTRACT NO. NR-048-255. A70-28107 AD-711 700.
NR-H9-00-000-01470	PHOTO-ARCHAEOLOGY. CARL H. STRANDBERG, ITEK DATA ANALYSIS CENTER, ALEXANDRIA, VA. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NO. 10, OCT. 1967. PP.1152-1157.
NR-H9-00-000-01478	SIMULTANEOUS LIDAR AND REFRACTOMETER SOUNDINGS OF LAYER STRUCTURE IN THE TROPOSPHERE. G.E. ASHWELL AND J.A. LANE, RADIO AND SPACE RESEARCH STATION, DITTON PARK, SLOUGH, BUCKINGHAMSHIRE, ENGLAND. IN NATURE, VOL. 222, MAY 3, 1969. PP.464-466.
NR-H9-00-000-01487	REMOTE SENSING OF THE EARTH'S SURFACE. GEORGE RACHCZYNSKI, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASSACHUSETTS, 1970, 33P.
NR-H9-00-000-01489	FREQUENCY DEPENDENCE OF ULTRASONIC SCATTER FROM STATISTICALLY KNOWN ROUGH SURFACES. A.K. FUNG, AND A. LEOVARIS, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, UNIV. OF KANSAS, LAWRENCE, KANS. IN - IEEE-WESCON TECHNICAL PAPERS, VOL. 12, PT. 1, SESSION 22/5, PP.1-4, AUG. 1968.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01490	MEASURING MAN'S ENVIRONMENT FROM THE AIR. C.N. ANDERSON, D. H. BUNDY, H.E. ESKRIDGE, AND JE. E. HAND, EG AND G, INC., LAS VEGAS, NEV. IN INSTRUMENTATION IN THE AEROSPACE INDUSTRY, VOL. 15 -INSTRUMENT SOCIETY OF AMERICA, INTERNATIONAL AEROSPACE INSTRUMENTATION SYMPOSIUM, 15TH, LAS VEGAS, NEV. MAY 1969, PROCEEDINGS PP.380-382. A70-35476
NR-H9-EJ-114-01493	RADAR STUDIES OF THE EARTH. WALTER E. BROWN, JR., SPACE SCIENCES DIV., JET PROPULSION LAB., CALIF. INSTITUTE OF TECHNOLOGY, PASADENA, CALIF. IEEE PROCEEDINGS, VOL. 57, NO. 4, APRIL 1969, PP.612-620. ALSO IN - WESCON TECHNICAL PAPERS 1968, PART 1, PAPER 22/1. CONTRACT NO. NAS 7-100.
NR-H9-HH-998-01496	SPECTRAL SKYLIGHT AND SOLAR RADIANCE MEASUREMENTS IN THE CARIBBEAN - MARITIME AEROSOL AND SAHARA DUST. F.E. VOLZ, AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, BEDFORD, MASS. PART OF PAPER PRESENTED AT - OPTICAL SOCIETY OF AMERICA SPRING MEETING, WASHINGTON, D.C. APRIL 1970. PUBLN. IN JOURNAL OF THE ATMOSPHERIC SCIENCES, VOL. 27, NO. 7, OCT. 1970, PP.1041-1047.
NR-H9-00-000-01497	BODENKUNDE UND KLIMATOLOGIE ALS FAKTOREN ZUR ERFASSUNG ARCHAEOLOGISCHER MERKMALE AUF LUFTBILDERN. (SOIL SCIENCE AND CLIMATOLOGY AS AIDS FOR DISTINGUISHED ARCHEOLOGICAL FEATURES IN AERIAL PHOTOGRAPHS). ANNE-MARIE MARTIN, RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE, AACHEN, WEST GERMANY. IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, SEPT. 1, 1970, PP.307-310. IN GERMAN. A70-41402
NR-H9-00-000-01498	INTERNE UND INTEGRALE PHOTOINTERPRETATION. (INTERNAL AND INTEGRAL PHOTOINTERPRETATION). H. SCHMIDT-FALKENBERG, INSTITUT FUR ANGEWANDTE GEODASIE, FRANKFURT AM MAIN, WEST GERMANY. IN BILDMESSUNG UND LUFTBILDWESEN, VOL. 38, SEPT. 1, 1970, PP.313-318. IN GERMAN. A70-41403
NR-H9-EJ-029-01501	AN EVALUATION OF MUTHAND AND COLOR AERIAL PHOTOGRAPHY FOR SELECTED MILITARY GEOGRAPHIC INTELLIGENCE IN A SUBTROPICAL DESERT ENVIRONMENT. REPORT NO. 54-TR. ALLIS O. LIND, U.S. ARMY COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NEW HAMPSHIRE. U.S. ARMY ENGINEER TOPOGRAPHIC LABORATORIES, FORT BELVOIR, VIRGINIA. JAN. 1970, 122P. AD-707 429 N70-37990 MICROFICHE AND HARD COPY.
NR-H9-00-000-01502	HYPERALTITUDE PHOTOGRAPHY AND ITS APPLICATIONS. PAUL D. LOWMAN, JR., GODDARD SPACE FLIGHT CENTER, GREENBELT, MD., AND TE LOU CHANG, UNESCO. IN SCIENTIFIC EXPERIMENTS FOR MANNED ORBITAL FLIGHT, GODDARD MEMORIAL SYMPOSIUM, 3RD, WASHINGTON, D.C., MARCH 1965, PROCEEDINGS (AAS SCIENCE AND TECHNOLOGY SERIES, VOL. 4) PP.153-170.
NR-H9-00-000-01503	THE MEASUREMENT OF SURFACE TEMPERATURE WITH AN IR SCANNING IMAGER. REPORT NO. TECH. PUBL. 488-0080. P.J. WALSH, AND R.J. SPENCER, LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. 1969, 29P. A VERSION WAS PUBLISHED IN - ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE,, 1ST, NEW YORK CITY, SEPT. 1969, PROCEEDINGS. PP.533-534. A70-33170
NR-H9-JH-710-01508	LIDAR. R.T.H. COLLIS, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. IN APPLIED OPTICS, VOL. 9, NO. 8, AUG. 1970, PP.1782-1788. A70-39079
NR-H9-00-000-01512	DESIGN CONSIDERATION FOR INFRARED IMAGING IN THE 10-12.6 MICRON BAND FROM A SYNCHRONOUS ALTITUDE EARTH SATELLITE. F.W. SCHENKEL, THE JOHNS HOPKINS UNIV., APPLIED PHYSICS LAB., SILVER SPRING, MARYLAND. IN JOURNAL OF THE BRITISH INTERPLANETARY SOCIETY (JBIS), VOL. 23, NO. 2, JUNE 1970, PP.423-440. A70-30974

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01516	AIRBORNE MULTISPECTRAL SENSING AND APPLICATIONS. JOHN BRAITHWAITE, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. IN SPIE JOURNAL, VOL. 8, APR-MAY 1970, PP.139-144. A70-34874
NR-H9-00-000-01518	REMOTE RAMAN MEASUREMENT OF CONTAMINANTS IN AIR. T. HIRSCHFELD, AND S. KLAINER, BLOCK ENGINEERING INC., CAMBRIDGE, MASS. IN LASER APPLICATIONS IN THE GEOSCIENCES, SYMPOSIUM AT THE DOUGLAS ADVANCED RESEARCH LAB., HUNTINGTON BEACH, CALIF., JULY 1969, PROCEEDINGS, PP.69-76. A70-33018
NR-H9-00-000-01519	THE DETECTION OF TOXIC CONTAMINANTS IN THE ATMOSPHERE USING SINGLE ENDED REMOTE RAMAN SPECTROMETRIC TECHNIQUES. STANLEY M. KLAINER, TOMAS HIRSCHFELD, BLOCK ENGINEERING, INC., CAMBRIDGE, MASS. AT CENTRAL STATES SECTION OF THE COMBUSTION INSTITUTE MEETING, HOUSTON, TEXAS, APRIL 1970, PREPRINT, 30P. ABSTRACT IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 60, NO. 5, MAY 1970, PP.731.
NR-H9-GH-998-01522	ULTRAVIOLET RADIATION AND THE TERRESTRIAL SURFACE. AFCLR SPECIAL REPORT, NO. 83. REPORT NO. AFCLR-68-0572. J.F. CRONIN, T.P. ROONEY, R.S. WILLIAMS, JR., ET AL, AIR FORCE CAMBRIDGE RESEARCH LAB., L.G. HANSCOM FIELD, BEDFORD, MASS.
NR-H9-00-000-01523	THE PROBLEM OF INFRARED TELEVISION-CAMERA TUBES VS. INFRARED SCANNERS. JAMES A. HALL, AEROSPACE AND ELECTRONIC SYSTEMS DIV., WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD., AND ELECTRICAL ENG. DEPT., UNIV. OF RHODE ISLAND, KINGSTON, RHODE ISLAND. PRESENTED AT SYMPOSIUM ON ACCELERATED EVOLUTION OF ELECTRO-OPTICAL IMAGING DEVICES, OPTICAL SOCIETY OF AMERICA SPRING MEETING, APRIL 1970, 23P. ABST. IN JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, VOL. 60, NO. 5, MAY 1970, PP.736.
NR-H9-00-000-01526	MEASUREMENTS OF TERRAIN BACK-SCATTERING COEFFICIENTS WITH AND AIRBORNE X-BAND RADAR. RADAR TERRAIN RETURN STUDY FINAL REPORT. REPORT NO. GERA-463. GOODYEAR AIRCRAFT CORP. LITCHFIELD PARK, ARIZONA. SEPT. 1959, 183P. CONTRACT NO. NOAS-59-6186-C. AD-229104
NR-H9-DJ-012-01530	COMMENTS ON MICROWAVE RADIOMETRY AS A REMOTE SENSOR FOR THE GEOSCIENCES. TECHNICAL MEMORANDUM RSC-06. 21P. B. RANDALL JEAN, TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. 1970
NR-H9-00-000-01531	REMOTE SENSING - GEOPHYSICAL APPLICATION. J.W. ROUSE, JR., TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. PRESENTATION TO THE FORT WORTH GEOPHYSICAL SOCIETY, APRIL 1970, 16P. TECHNICAL MEMORANDUM RSC-05.
NR-H9-00-000-01535	IMAGE ENHANCEMENT AND FILM-GRAIN NOISE. DAVID G. FALCONER, STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIF. IN OPTICA ACTA, VOL. 17, NO. 9, SEPT. 1970. PP.693-705. A70-43820.
NR-H9-00-000-01536	APOLLO TELEVISION CAMERAS. L.L. NIEMEYER, JR., AND E.L. SVENSSON, WESTINGHOUSE DEFENSE AND SPACE CENTER, BALTIMORE, MD. IN SMPTE. JOURNAL, VOL. 79, OCT. 1970. PP.926-930. A70-44382
NR-H9-EJ-998-01540	THE USEFULNESS OF SEQUENTIAL SPACE PHOTOGRAPHY FOR EARTH RESOURCE INVENTORY. REPORT NO. IAF PAPER AD-163. ROBERT N. COLWELL, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIF. INTERNATIONAL ASTRONAUTICAL FEDERATION 19TH CONGRESS, NEW YORK CITY, OCT. 1968, PROCEEDINGS, VOL. 1. PP.139-150. A68-44282

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01542	THE EFFECT OF THE LONG-WAVE REFLECTIVITY OF NATURAL SURFACES ON SURFACE TEMPERATURE MEASUREMENTS USING RADIOMETERS. DIETER LORENZ, INSTITUT FÜR METEOROLOGIE UND GEOPHYSIK DER UNIVERSITÄT, FRANKFURT AM MAIN, GERMANY. IN JOURNAL OF APPLIED METEOROLOGY, VOL. 5, AUG. 1966. PP.421-430.
NR-H9-00-000-01555	PASSIVE MICROWAVE MEASUREMENTS OF SNOW AND SOIL. TECHNICAL REPORT, MAY-DEC. 1966. REPORT NOS. SGC 829R-5, AND TR-3. J.M. KENNEDY, R.M. MANDL, G.A. POE, AND R.T. SAKAMOTO, SPACE-GENERAL CORP., ADVANCED MICROWAVE SYSTEMS DIV., GEOSCIENCES DEPT., EL MONTE, CALIF., FEB. 1967. CONTRACT NOS. NONR 4767(00), AND NR 387-033.
NR-H9-JH-710-01562	A COMPARISON OF REMOTE SENSING OF THE CLEAR ATMOSPHERE BY OPTICAL, RADIO, AND ACOUSTIC RADAR TECHNIQUES. V.E. DERR, AND C.G. LITTLE, ESSA, WAVE PROPAGATION LABORATORY, BOULDER, COLO. IN APPLIED OPTICS, VOL. 9, SEPT. 1970. PP.1976-1922. A70-40802
NR-H9-00-000-01566	THE TERRESTRIAL ENVIRONMENT - SOLID-EARTH AND OCEAN PHYSICS. REPORT NO. NASA CR-1579. MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS., APRIL 1970, 153P. CONTRACT NO. NAS 12-2180. MICROFICHE COPY. N70-26126 THRU N70-26132
NR-H9-00-000-01569	NEW EYES FOR EPIDEMIOLOGISTS - AERIAL PHOTOGRAPHY AND OTHER REMOTE SENSING TECHNIQUES. BARNETT L. CLINE, DIV. OF EPIDEMIOLOGY, SCHOOL OF PUBLIC HEALTH, UNIVERSITY OF CALIF., BERKELEY, CALIF. IN AMERICAN JOURNAL OF EPIDEMIOLOGY, VOL. 92, NO. 2, 1970. PP.85-89.
NR-H9-EK-000-01570	AIRBORNE TECHNIQUES IN CLIMATOLOGY - OASIS EFFECTS ABOVE PRAIRIE SURFACE FEATURES. REPORT NO. TB-19. R.M. HOUNES, DEPT. OF ENERGY, MINES AND RESOURCES, INLAND WATERS BRANCH, OTTAWA, CANADA. INLAND WATERS BRANCH, DEPT. OF ENERGY, MINES AND RESOURCES, TECHNICAL BULLETIN NO. 19, CANADA, 1969, 28P. W70-06766
NR-H9-GJ-000-01572	SURFACE TEMPERATURE VARIATIONS MEASURED FROM AN AEROPLANE OVER SEVERAL SURFACE TYPES. D.H. LENSCHOW, AND J.A. DUTTON, UNIV. OF WISCONSIN, MADISON, WISCONSIN. IN JOURNAL OF APPLIED METEOROLOGY, VOL. 3, 1964. PP.65-69.
NR-H9-00-000-01575	AUFBAU UND LEISTUNGSFAHIGKEIT NEUZEITLICHER LUFTBILDKAMMERN (DESIGN AND PERFORMANCE OF MODERN AERIAL CAMERAS). HANS-KARSTEN MEIER, CARL ZEISS, OBERKOCHEN, WEST GERMANY. IN VDI-Z, VOL. 112, NO. 16, AUG. 1970. PP.1079-1084. IN GERMAN. A70-41268
NR-H9-EJ-998-01576	L'OBSERVATION DE LA TERRE DEUIS L'ESPACE. (OBSERVATION OF THE EARTH FROM SPACE). JEAN RENE GERMAIN. IN FORCES AERIENNES FRANCAISES, JULY 1970. PP.49-69. IN FRENCH A70-37387
NR-H9-HJ-998-01581	OPTICAL REMOTE SENSING OF BIORESOURCES. REPORT NO. RM-482J. W.G. EGAN, GRUMMAN AIRCRAFT ENGINEERING CORP., GEO-ASTROPHYSICS SECTION, BETHPAGE, NEW YORK, AUG. 1970, 24P. PRESENTED AT NATIONAL SYMPOSIUM ON HYDROBIOLOGY, MIAMI BEACH, FLORIDA, JUNE 1970. MICROFICHE COPY. N70-41202
NR-H9-QH-132-01587	EARTH RESOURCE SENSORS ON AIRCRAFT, ON SPACECRAFT AND ON THE GROUND. DONALD T. LAUER, AND DON L. OLSON, LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. IN AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970, PAPER 70-296. PP.9. A70-22887

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01589	EARTH RESOURCE OBSERVATIONS FROM AN ORBITING SPACECRAFT. WILLIAM T. PECORA, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. IN MANNED LABORATORIES IN SPACE, INTERNATIONAL ACADEMY OF ASTRONAUTICS, INTERNATIONAL ASTRONAUTICAL CONGRESS, 19TH, INTERNATIONAL ORBITAL LABORATORY SYMPOSIUM, 2ND, NEW YORK CITY, OCT. 1968, PROCEEDINGS. PP.75-87.
NR-H9-00-000-01590	OPTICAL-MECHANICAL SCANNING TECHNIQUES. M.R. HOLTER, AND W.L. WOLFE, WILLOW RUN LABORATORIES, UNIV. OF MICHIGAN, ANN ARBOR, MICH. IN PROCEEDINGS OF THE IRE, VOL. 47, NO. 9, 1959. PP.1546-1550.
NR-H9-00-000-01592	EXPLORATORY STUDY IN INTERPRETATION OF VERTICAL AND HIGH OBLIQUE PHOTOGRAPHS. REPORT NO. TECHNICAL RESEARCH NOTE 174. ABRAHAM H. BIRNBAUM, ARMY PERSONNEL RESEARCH OFFICE, SUPPORT SYSTEMS RESEARCH LAB., WASHINGTON, D.C. JUNE 1966, 43P. MICROFICHE COPY. AD-643242 N67-23127
NR-H9-00-000-01598	A MOBILE FACILITY FOR MEASURING THE BACKSCATTERING AND BRIGHTNESS TEMPERATURE OF TERRAIN AT MICROWAVE FREQUENCIES. OCT. 1968. REPORT NOS. NASA CR-100644, AND REPT.-1903-6. T.L. OLIVER, (M.S. THESIS), OHIO STATE UNIVERSITY, ELECTROSCIENCE LAB., COLUMBUS, OHIO. OCT. 1968, 90P. CONTRACT NO. NSR-36-008-027. MICROFICHE COPY. N70-27032
NR-H9-00-000-01599	STUDIES TO DETERMINE THE FEASIBILITY OF MEASURING AIRBORNE DEBRIS IN DUST AND HOT GAS ENVIRONMENTS USING AN INFRARED SCANNING CAMERA. FINAL REPORT MARCH-AUGUST 1969. REPORT NOS. IITRI-J6172-FR, AND DASA-2400. PAUL LIEBERMAN AND ELLIOTT RAISEN, IIT RESEARCH INSTITUTE, CHICAGO, ILL. SEPT. 1969, 101P. CONTRACT NO. DASA-01-69-C-0097. MICROFICHE COPY. N70-29939 AD-702 523
NR-H9-00-000-01600	THE PARACHUTE ALTITUDE WIND SENSOR. MENDEL N. SILBERT, NASA, WALLOPS ISLAND, VA. IN NATIONAL CONFERENCE ON AEROSPACE METEOROLOGY, 4TH, LAS VEGAS, NEVADA, MAY 1970, PREPRINTS. PP.188-196. MICROFICHE COPY. A70-30577
NR-H9-00-000-01604	TERRAIN SPECTRAL IMAGERY FROM SPACE IN VARIOUS SPECTRAL REGIONS. K. IA KONDRATEV, V.D. STEPANENKO, AND B.V. VINOGRADOV, LENINGRADSKII GOSUDARSTVENNYI UNIVERSITET, LENINGRAD, USSR. IN MANNED LABORATORIES IN SPACE, INTERNATIONAL ACADEMY OF ASTRONAUTICS, INTERNATIONAL ASTRONAUTICAL CONGRESS, 19TH, INTERNATIONAL ORBITAL LABORATORY SYMPOSIUM, 2ND, NEW YORK CITY, OCT. 1968, PROCEEDINGS (D. REIDEL PUB. CO.-ASTROPHYSICS AND SPACE SCIENCE LIBRARY, VOL. 18, 1969). PP.46-67. A70-27745
NR-H9-00-000-01605	APPLICATIONS OF REMOTE SENSING IN AGRICULTURE AND FORESTRY. ROBERT N. COLWELL, SCHOOL OF FORESTRY AND CONSERVATION, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA, AND J.R. SHAY, DEPARTMENT OF BOTANY AND PLANT PATHOLOGY, PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA. IN SCIENTIFIC EXPERIMENTS FOR MANNED ORBITAL FLIGHT, GODDARD MEMORIAL SYMPOSIUM, 3RD, WASHINGTON, D.C., MARCH 1965, PROCEEDINGS (AAS SCIENCE AND TECHNOLOGY SERIES, VOL. 4). PP.35-69.
NR-H9-00-000-01608	RELATIONSHIPS BETWEEN VERTICAL ATTENUATION AND SURFACE METEOROLOGICAL RANGE. REPORT NO. AFCL-70-0575. L. ELTERMAN, USAF, CAMBRIDGE RESEARCH LABORATORIES, BEDFORD, MASS. IN APPLIED OPTICS, VOL. 9, AUG. 1970. PP.1804-1810. A70-39082
NR-H9-00-000-01610	VERTICAL-ATTENUATION MODEL WITH EIGHT SURFACE METEOROLOGICAL RANGES 2 TO 13 KILOMETERS. REPORT NOS. AFCL-70-0200, AND ERP-318. LOUIS ELTERMAN, AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, MASS. MARCH 1970, 67P. N70-37731 AD-707488. MICROFICHE AND HARD COPY.



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01615	NEW TECHNIQUES FOR SIGNAL PROCESSING OF THERMAL DATA. DAEDALUS ENTERPRISES INC., ANN ARBOR, MICH. N.D., 4P.
NR-H9-00-000-01620	REGIONAL SLOPES WITH NON-STEREO RADAR. REPORT NO. CRES REPRINT 133-3. GEORGE W. DALKE, UNIV. OF KANSAS, CENTER FOR RESEARCH INC., LAWRENCE, KANSAS, AND ROGER M. MCCOY, UNIV. OF KENTUCKY, LEXINGTON, KENTUCKY. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 35, NO. 5, MAY 1969. PP.446-452. CONTRACT NOS. NSR 17-004-003, AND NASA GRANT NSG 298.
NR-H9-00-000-01623	PHYSICAL STUDIES OF NATURE BY THERMAL MAPPING. E. FAGERLUND, B. KLEMAN, L. SELLIN, RESEARCH INSTITUTE OF NATIONAL DEFENSE, STOCKHOLM, SWEDEN, AND H. SVENSSON, LUND UNIVERSITY, DEPT. OF PHYSICAL GEOGRAPHY, LUND, SWEDEN. IN EARTH-SCIENCE REVIEWS, VOL. 6, NO. 3, JUNE 1970. PP.169-180. W70-09540
NR-H9-EJ-030-01627	ATMOSPHERIC LIMITATIONS ON THE FIELD OF VIEW IN MULTIBAND AERIAL PHOTOGRAPHY. REPORT NO. OSC-TR-60. WILLIAM J. CUNEO, JR., (ADAPTATION OF M.S. THESIS), OPTICAL SCIENCES CENTER, UNIVERSITY OF ARIZONA, TUCSON, ARIZONA. OCT. 1970, 40P. OPTICAL SCIENCES CENTER TECHNICAL REPORT 60.
NR-H9-00-000-01629	OBSERVATION LIMITS OF LOW POWER SPACEBORNE SIDE-LOOKING RADAR FOR EARTH RESOURCES APPLICATIONS. TECHNICAL REPORT. REPORT NOS. RAE-TR-70015, AND TRC-BR-18486. S.L. ENTRES, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, HANTS, ENGLAND. JAN 1970, 18P. MICROFICHE COPY. AD-705 971 N70-37285. MICROFICHE AND HARD COPY.
NR-H9-00-000-01633	LOOSE ROCK CAN BE DETECTED BY INFRARED DEVICES. ROBERT H. MERRILL, AND RAYMOND M. STATEHAM, DENVER MINING RESEARCH CENTER, U.S. BUREAU OF MINES, DENVER, COLO. IN MINING ENGINEERING, VOL. 22, NO. 11, NOV. 1970. PP.59-62.
NR-H9-00-000-01634	OPTIMUM METHODS FOR USING INFRARED-SENSITIVE COLOR FILMS. NORMAN L. FRITZ, EASTMAN KODAK COMPANY, ROCHESTER, N.Y. IN PHOTOGRAMMETRIC ENGINEERING, VOL. 33, NO. 10, OCT. 1967. PP.1128-1138.
NR-H9-00-000-01638	MONITORING WATER POLLUTION BY MEANS OF REMOTE SENSING TECHNIQUES. JAMES P. SCHERZ, DEPT. OF CIVIL ENGINEERING, UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN. ASCE NATIONAL WATER RESOURCES MEETING, PHOENIX, ARIZONA, JAN. 1971, PAPER, 27P.
NR-H9-00-000-01641	REMOTE SENSING WITH ORBITING GRAVITY GRADIOMETERS. REPORT NO. RR-432. ROBERT L. FORWARD, EXPLORATORY STUDIES DEPT., HUGHES AIRCRAFT CO., HUGHES RESEARCH LABORATORIES, MALIBU, CALIF. DEC. 1970, 23P. SUBMITTED TO - IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, SPECIAL ISSUE ON REMOTE SENSING OF THE ENVIRONMENT, JULY 1971.
NR-H9-00-000-01642	USE OF SPECTROPHOTOMETRIC CHARACTERISTICS OF OBJECTS FOR AUTOMATING AERIAL PHOTOINTERPRETATION. K. YE. MELESHKO, LABORATORY OF AERIAL METHODS, USSR. IN GEODESY AND AEROPHOTOGRAPHY, NO. 2, 1969. PP.106-107.
NR-H9-00-000-01649	AIRCRAFT, SPACECRAFT, SATELLITE AND RADAR OBSERVATIONS OF HURRICANE GLADYS, 1968. REPORT NO. SMRP-RP-83. R. CECIL GENTRY, ROBERT C. SHEETS, NATIONAL HURRICANE RESEARCH LABORATORY, CORAL GABLES, FLA., AND TETSUYA T. FUJITA, UNIVERSITY OF CHICAGO, SATELLITE AND MESOMETEOROLOGY RESEARCH PROJECT, CHICAGO, ILL. MAY 1970, 29P. IN JOURNAL OF APPLIED METEOROLOGY, VOL. 9, NO. 6, DEC. 1970. PP.837-850. CONTRACT NOS. ESSA-E22-69-70, AND ESSA-E22-41-69. PB-194758

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01651	TERRAIN BACKSCATTER MEASUREMENTS AT 40 TO 90 GHZ. REPORT FOR 1968-69. REPORT NOS. TR-0066(5816-41)-1, AND SAMSO-TR-70-220. HOWARD E. KING, AND CHARLES J. ZAMITES, LABORATORY OPERATIONS, AEROSPACE CORP., EL SEGUNDO, CALIF. JUNE 1970, 36P. IN IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. AP-18, NO. 6, NOV. 1970. PP.760-764. CONTRACT NO. F04701-69-C-0066. MICROFICHE OF REPORT, HARD COPY OF JOURNAL ARTICLE. AD-708463 N70-40817
NR-H9-EJ-998-01653	GEOLOGY AND HYDROLOGY OF SELECTED PLAYAS IN WESTERN UNITED STATES. FINAL SCIENTIFIC REPORT, PART 2, JAN. 63-JUNE 67. REPORT NO. AFCL-69-0214. WARD S. MOTTS, DAVID CARPENTER, CHARLES G. GROAT, DAVID MATZ, AND ROBERT F. WALKER, DEPT. OF GEOLOGY, UNIVERSITY OF MASSACHUSETTS, AMHERST, MASS. MAY 1969, 298P. CONTRACT NO. AFL19(628)-2486. MICROFICHE AND HARD COPY. AD-709 683
NR-H9-FH-998-01656	APPLICATIONS OF AIRBORNE REMOTE SENSING TECHNOLOGY. RALPH W. KIEFER, AND JAMES P. SCHERZ, UNIVERSITY OF WISCONSIN, DEPT. OF CIVIL ENGINEERING, MADISON, WIS. IN ASCE PROCEEDINGS, JOURNAL OF THE SURVEYING AND MAPPING DIVISION, VOL. 96, NO. SU 1, APRIL 1970, PAPER 7225. PP.57-80. W70-07649
NR-H9-00-000-01657	SIMULTANEOUS MEASUREMENT OF ATMOSPHERIC DUST BY LASER AND BALLOON SOUNDING TECHNIQUES. FINAL REPORT, NOV. 68-JUNE 70. REPORT NO. NASA-CR-111798. JAMES M. ROSEN, UNIVERSITY OF WYOMING, LARAMIE, WYOMING. JULY 1970, 99P. CONTRACT NO. GRANT NGR-51-001-019. MICROFICHE AND HARD COPY. N71-10042
NR-H9-00-000-01658	THE SOLAR CONSTANT AND THE SOLAR SPECTRUM MEASURED FROM A RESEARCH AIRCRAFT. REPORT NOS. G-991, AND NASA-TR-R-351. MATTHEW P. THEKAEKARA, NASA, GODDARD SPACEFLIGHT CENTER, GREENBELT, MARYLAND. OCT. 1970, 92P. MICROFICHE AND HARD COPY. N70-42638
NR-H9-CH-998-01661	REMOTE SENSING AT THE UNIVERSITY OF MICHIGAN. IN CHALLENGE (GENERAL ELECTRIC COMPANY), VOL. 9, NO. 4, WINTER 1970. PP.26-29.
NR-H9-00-000-01670	SPECTROPHOTOMETRY OF THE EARTH FROM MANNED SPACECRAFTS. (FROM THE DATA OF SOYUZ 7 AND SOYUZ 9). K. IA. KONDRATEV, A.A. BUZNIKOV, L.I. CHAPURSKII, V.V. GORBATKO, ET AL., AKADEMIYA NAUK URSR, KIEV. INTERNATIONAL ASTRONAUTICAL FEDERATION, INTERNATIONAL ASTRONAUTICAL CONGRESS, 21ST, KONSTANZ, WEST GERMANY, OCT. 1970, PAPER. 15P. MICROFICHE COPY. A70-41636 N71-12169
NR-H9-00-000-01673	RADIONETER CALIBRATION. H.G. COLLINS, AND H.A.H. RAHIC, COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, DIV. OF METEOROLOGICAL PHYSICS, ASPENDALE, VICTORIA, AUSTRALIA. INTERNATIONAL SOLAR ENERGY SOCIETY, CONFERENCE, MELBOURNE, AUSTRALIA, MARCH 1970. PREPRINT OF PAPER NO. 3/6. 8P. A70-31806
NR-H9-JH-710-01676	BOMEX METEOROLOGICAL DATA. REPORT NO. WHOI REF NO. 70-34. ANDREW F. BUNKER, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS. AUG. 1970, 30P. CONTRACT NO. GRANT NSF GA-1700. MICROFICHE COPY. N70-41551 N70-41153
NR-H9-FJ-996-01681	AN ALGORITHM FOR GRIDDING SATELLITE PHOTOGRAPHS. FINAL REPORT. REPORT NOS. DGS-135, AND USGS-TD-70-004. LEE U. BENDER, DEPT. OF GEODETIC SCIENCE, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. APRIL 1970, 165P. CONTRACT NO. DI-14-08-0001-11996. MICROFICHE AND HARD COPY. N71-10888 PB-193314

TECHNICAL REPORTS - MULTISUBJECT

Reproduced from  
best available copy.



ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01685	MIXING HEIGHT DETERMINATIONS BY MEANS OF AN INSTRUMENTED AIRCRAFT. REPORT NO. APTD-0572. R.O. MCCALDIN, AND R.S. SHOLTES, UNIVERSITY OF FLORIDA, GAINESVILLE, FLORIDA. JUNE 1970, 31P. CONTRACT NO. PHS-CPA-22-69-76. PB-193419 N71-10895
NR-H9-00-000-01686	SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY AND SPACE, NO. 229. TRANSL. FROM VARIOUS RUSSIAN PUBLICATIONS. REPORT NO. JPRS-50591. JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. MAY 1970. PP.12-13, 25, 42-43, 46, 57-58, 60-61. N70-33501
NR-H9-00-000-01687	THE SATELLITE APPLICATIONS SECTION OF THE NATIONAL HURRICANE CENTER. REPORT NOS. COM-71-00005, AND ESSA-WBTM-SR-51. R.H. SIMPSON, AND D.C. GABY, WEATHER BUREAU, SOUTHERN REGIONAL HEADQUARTERS, FORT WORTH, TEXAS. SEPT. 1970, 15P.
NR-H9-00-000-01702	DUAL SWEEPED RADIOMETER FOR THE ATS-5 SATELLITE. M. CHOMET, R. WATTERSON, SANDERS ASSOCIATES, INC., PLAINVIEW, N.Y., AND R.G. STONE, NASA, WASHINGTON, D.C. IN NTC 70, IEEE, NATIONAL TELEMETERING CONFERENCE, LOS ANGELES, CALIF., APRIL 1970, PROCEEDINGS. PP.125-131. A71-10985
NR-H9-EJ-998-01712	DEVELOPMENT OF MARK 1 RADIOMETRIC THERMASONDE AND SIMULATION AND EXPERIMENTAL STUDIES FOR PASSIVELY PROBING TEMPERATURE STRUCTURE WITHIN THE FIRST MILE OF THE ATMOSPHERE. FINAL REPORT, APRIL 1968-SEPT. 1969. REPORT NO. SRRC-CR-70-6. W.D. MOUNT, A.C. ANWAY, C.V. WICK, C.M. MALOY, AND R. WILT, SPERRY RAND RESEARCH CENTER, SUDBURY, MASS. 1969, 115P. CONTRACT NO. PH-22-68-22. PB-192333 N71-14730
NR-H9-00-000-01713	THREE RADIOMETRIC DATA ANALYSIS TECHNIQUES FOR MEASURING AIR TEMPERATURE PROFILES. FINAL REPORT, JUNE 69-OCT. 70. REPORT NO. SRRC-CR-70-27. W.D. MOUNT, B.R. FOW, C.V. WICK, AND C.M. MALOY, SPERRY RAND RESEARCH CENTER, SUDBURY, MASS. N.D., 112P. CONTRACT NO. CPA 22-69-116
NR-H9-FH-179-01723	THE CONTINUATION OF THE STUDY OF THE DETECTION OF MAGNETIC ANOMALIES BY MEANS OF THE PERTURBATIONS IN THE NATURAL GEOMAGNETIC FIELD. FINAL REPORT, SEPT. 68-AUG. 70. H.W. SMITH, F.X. BOSTICK, JR., AND B.C. FOWLER, UNIVERSITY OF TEXAS, ELECTRICAL ENGINEERING RESEARCH LAB., AUSTIN, TEXAS. AUG. 1970, 17P. CONTRACT NO. NONR-375(14). MICROFICHE COPY. AD-712131 N71-13030
NR-H9-00-000-01725	THE MICROWAVE RADIOMETER AS A REMOTE SENSING INSTRUMENT. REPORT NOS. TR-1903-8, AND NASA-CR-99102. W.H. PEAKE, ELECTROSCIENCE LABORATORY, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. JAN. 1969, 48P. CONTRACT NO. NSR-36-008-027. N69-15769
NR-H9-00-000-01726	INVESTIGATION OF INFRARED EMISSION SPECTRUM OF THE ATMOSPHERE AND EARTH. ROCKET-BORNE RADIOMETERS FOR MEASUREMENTS OF THE ATMOSPHERIC INFRARED RADIATION. FINAL REPORT. REPORT NOS. SCIENTIFIC 1, AND AFRL-70-0376. W. BANGERT, H.J. BOLLE, P. BURKERT, AND D. RABUS, MUNICH UNIVERSITY, METEOROLOGISCHES INSTITUT, MUNICH, WEST GERMANY. MARCH 1970, 26P. CONTRACT NO. F61052-68-C-0026. MICROFICHE COPY. AD-713219 N71-14974
NR-H9-00-000-01728	NEW INFRARED DETECTORS. E.H. PUTLEY, ROYAL RADAR ESTABLISHMENT, GREAT MALVERN, WORCESTERSHIRE, ENGLAND. IN ADVANCES IN GEOPHYSICS, VOL. 14 (NEW YORK, ACADEMIC PRESS, 1970). PP.129-163. A70-29656

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01732	AN ADAPTIVE LINGUISTIC MODEL FOR PATTERN REPRESENTATION AND RECOGNITION. DIRECT PRODUCTS OF RELATIONAL SYSTEMS. NOTES ON A COMBINATIONAL STRATEGY FOR ENUMERATION PROBLEMS. FINAL REPORT. REPORT NO. AFOSR-70-2927TR. DAVID ROTHENBERG, AND ERIK ELLEMTUCK, INDUCTIVE INFERENCE, INC., NEW YORK. JAN. 1971, 249P. CONTRACT NO. F44620-70-C-0060. MICROFICHE COPY. AD-716858
NR-H9-00-000-01734	THE USE OF CO AND CO2 LASERS TO DETECT POLLUTANTS IN THE ATMOSPHERE. REPORT NO. AFOSR-70-2921TR. ROBERT T. MENZIES, CALIFORNIA INSTITUTE OF TECHNOLOGY, DIV. OF ENGINEERING AND APPLIED SCIENCE, PASADENA, CALIF. DEC. 1970, 30P. CONTRACT NO. GRANT AF-AFOSR-1492-68. MICROFICHE COPY. AD-717171
NR-H9-FJ-996-01735	UNIQUE DESIGN OF THE RS-14 MULTISPECTRAL SCANNING SYSTEM. ELECTRO-OPTICAL SYSTEMS DESIGN CONFERENCE TECHNICAL PAPER. DON M. MOHR, JR., TEXAS INSTRUMENTS, INC., DALLAS, TEXAS. N.D. 48P.
NR-H9-00-000-01736	SOVIET AND BULGARIAN PHOTOGRAMMETRIC TECHNIQUES. REPORT NO. JPRS-51920. N.M. FILCHAGIN, P. ZAFIROV, AND V.B. DUBINOVSKII, AND A.A. CHUPIN, JOINT PUBLICATIONS RESEARCH SERVICE, WASHINGTON, D.C. DEC. 1970, 25P. TRANSL. FROM GEODEZIYA I KARTOGRAFIYA (USSR), VOL. 14, NO. 6, PP.38-46, NO. 8, PP.44-47, NO. 10, PP.61-63, 1969.
NR-H9-00-000-01742	REMOTE RAMAN SPECTROSCOPY AS A POLLUTION RADAR. T. HIRSCHFELD, AND S. KLAINER, BLOCK ENGINEERING, INC., CAMBRIDGE, MASS. IN OPTICAL SPECTRA, VOL. 4, NO. 7, JULY/AUG. 1970. PP.63-66.
NR-H9-FH-998-01743	PUBLIC HEALTH IMPLICATIONS OF NASA'S EARTH OBSERVATIONS PROGRAM. ALSO PUBLIC HEALTH OBSERVATIONS. CHARLES E. FULLER, CHARLES M. BARNES, NASA, MANNED SPACECRAFT CENTER, PREVENTATIVE MEDICINE DIV., HOUSTON, TEXAS, AND HAROLD G. JONES, THE BOEING CO., HOUSTON, TEXAS. PRESENTED AT AMERICAN PUBLIC HEALTH ASSOCIATION, 98TH ANNUAL MEETING, OCT. 1970, 18P.
NR-H9-EJ-130-01744	ABSOLUTE CALIBRATION OF A LASER SYSTEM FOR ATMOSPHERIC PROBING. F.F. HALL, JR., DOUGLAS ADVANCED RESEARCH LABS., HUNTINGTON BEACH, CALIF., AND H.Y. AGENO, MISSOURI UNIV., ROLLA, MO. IN APPLIED OPTICS, VOL. 9, AUG. 1970. PP.1820-1824. A71-10874
NR-H9-GJ-998-01751	ANALYSIS OF MULTI-SENSOR DATA, 12 SEPTEMBER-11 DECEMBER 1968. REPORT NOS. OEPR-3311, AND NASA-CR-116425. EDWARD T. HUFFMAN, CHARLES A. BAY, AND RICHARD F. PASLUCCI, RAYTHEON CO., ALEXANDRIA, VA. DEC. 1968, 57P. CONTRACT NO. DI-14-08-0001-11505. MICROFICHE COPY. N71-17870
NR-H9-00-000-01756	A PHOTOGRAPHIC TECHNIQUE FOR IMAGE ENHANCEMENT - PSEUDOCOLOR THREE-SEPARATION PROCESS. REPORT NO. R-596-PR. R.H. STRATTON, AND J.J. SHEPPARD, JR., RAND CORP., SANTA MONICA, CALIFORNIA. OCT. 1970, 52P. CONTRACT NO. F44620-67-C-0045. MICROFICHE AND HARD COPY. AD-717143
NR-H9-EJ-000-01757	ATMOSPHERIC OPTICAL MEASUREMENTS IN CENTRAL COLORADO IN CONNECTION WITH LONG RANGE OBLIQUE PHOTOGRAPHY. A.R. BOILEAU, SCRIPPS INSTITUTION OF OCEANOGRAPHY, VISIBILITY LAB., LA JOLLA, CALIF. IN APPLIED OPTICS, VOL. 7, NO. 3, MARCH 1968. PP.407-414. A68-23354
NR-H9-00-000-01764	RS-14 TI MULTISPECTRAL IMAGING SYSTEM. TEXAS INSTRUMENTS INC., DALLAS, TEXAS. N.D. 6-PAGE FOLDER.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01769	RS-310 AIRBORNE INFRARED MAPPING SYSTEM. TEXAS INSTRUMENTS INC., DALLAS, TEXAS. N.D. 6-PAGE FOLDER.
NR-H9-00-000-01771	INFRARED SYSTEM DESIGN CONSIDERATIONS. REPORT NO. SP14-GP68. TEXAS INSTRUMENTS INC., GOVERNMENT PRODUCTS DIV., DALLAS, TEXAS. MAY 1968, 2ND PRINTING OCT. 1968, 39P.
NR-H9-DJ-998-01774	REMOTE SENSING WITH SPECIAL REFERENCE TO AGRICULTURE AND FORESTRY. COMMITTEE ON REMOTE SENSING FOR AGRICULTURAL PURPOSES, AGRICULTURAL BOARD, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. 1970, 437P. AVAILABLE - NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D.C. \$12.95.
NR-H9-00-000-01778	THE BLOCK ENGINEERING, INC. PULSED UV LASER RAMAN SPECTROMETER. BLOCK ENGINEERING, INC., CAMBRIDGE, MASS. RECEIVED APRIL 1971, 7P.
NR-H9-00-000-01780	APPLICATIONS OF OPTICAL PARAMETRIC UPCONVERSION TO IR VIEWING SYSTEMS. REPORT NO. NRL-7154. R.A. ANDREWS, U.S. NAVAL RESEARCH LABORATORY, WASHINGTON, D.C. OCT. 1970, 12P. MICROFICHE COPY. AD-715339 N71-17847
NR-H9-00-000-01782	TERRAIN SCATTERING PROPERTIES FOR SENSOR SYSTEM DESIGN. TERRAIN HANDBOOK II. R.L. COSGRIFF, W.H. PEAKE, AND R.C. TAYLOR, ANTENNA LABORATORY, ENGINEERING EXPERIMENT STATION, OHIO STATE UNIVERSITY, COLUMBUS, OHIO. MAY 1960, 124P. \$3.00. ENGINEERING EXPERIMENT STATION (OHIO) BULLETIN 181. OHIO STATE UNIVERSITY STUDIES - ENGINEERING SERIES, V.29, NO. 3.
NR-H9-00-000-01783	ADVANCES IN DYNAMIC GRAVIMETRY, PROCEEDINGS OF THE SYMPOSIUM ON DYNAMIC GRAVIMETRY, FORT WORTH, TEXAS, MARCH 1970. WILBUR T. KATTNER, EDITOR (GENERAL DYNAMICS CORP., FORT WORTH, TEXAS). PUBLISHED BY - INSTRUMENT SOCIETY OF AMERICA, PITTSBURGH, PA. 1970, 178P. \$10.00. A70-43656
NR-H9-DJ-998-01784	REMOTE SENSING IN ECOLOGY. SYMPOSIUM, MADISON, WISCONSIN, JUNE 1968, PROCEEDINGS. PHILIP L. JOHNSON, EDITOR, UNIVERSITY OF GEORGIA PRESS, ATHENS, GA. 1969, 252P. \$8.00.
NR-H9-00-000-01787	ASPECTS ECONOMIQUES DE LA PHOTO-INTERPRETATION. JACQUES J.O. PALGEN, UNIVERSITE LAVAL, QUEBEC, CANADA. IN AIR PHOTOINTERPRETATION IN THE DEVELOPMENT OF CANADA, 2ND SEMINAR, OTTAWA, MARCH 1967, PROCEEDINGS. PP.206-212.
NR-H9-00-000-01789	AERIAL PHOTOGRAPHIC INTERPRETATION. D.R. LUEDER, MCGRAW-HILL, NEW YORK, N.Y., 1959, 478P. \$24.95.
NR-H9-00-000-01790	A PRELIMINARY COMPARISON OF LASERS WITH PHOTOGRAPHY FOR FINDING TACTICAL TARGETS. FINAL REPORT. REPORT NO. AMRL-TR-69-115. HERSCHEL C. SELF, AEROSPACE MEDICAL RESEARCH LAB., WRIGHT-PATTERSON AFB, OHIO. WILLIAM S. MYERS, BUNKER-RAMO CORP., CANOGA PARK, CALIF. BUNKER-RAMO CORP., DEFENSE SYSTEMS DIV., CANOGA PARK, CALIF. JAN. 1970, 34P. CONTRACT NO. F33615-68-C-1593. MICROFICHE COPY. AD-705652
NR-H9-00-000-01795	BRAZILIAN PROGRAM FOR REMOTE SENSING OF EARTH RESOURCES - PROJECT SERE. REPORT NO. LAFE-152. J. BOTELHO MACHADO, CONSELHO NACIONAL DE PESQUISAS, COMISSAO NACIONAL DE ATIVIDADES ESPACIAIS, SAO JOSE DOS CAMPOS, ESTADO DE SAO PAULO, BRAZIL. REPORT TO - INTERNATIONAL WORKSHOP ON EARTH RESOURCES SURVEY SYSTEMS, ANN ARBOR, MICHIGAN, MAY 1971, 15P.

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-GJ-000-01810	MULTISPECTRAL REMOTE SENSING STUDY OF INDUSTRIAL DISCHARGES. C.T. WEZERNAK, AND F.C. POLCYN, UNIVERSITY OF MICHIGAN, PUBLICATIONS DISTRIBUTION SERVICE, ANN ARBOR, MICHIGAN. MAY 1970, 28P. PRESENTED AT PURDUE INDUSTRIAL WASTE CONFERENCE, 25TH ANNUAL, LAFAYETTE, INDIANA, MAY 1970.
NR-H9-00-000-01819	A GUIDE TO THE INTERPRETATION AND ANALYSIS OF AERIAL PHOTOS. KIRK N. STONE. IN ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL. 54, SEPT. 1964. PP.318-328.
NR-H9-00-000-01824	DIE ANWENDUNG GROSSMASSSTABLICHER LUFTBILDER ZUR GRUNLANDENITIERUNG UNTER BESONDERER BERUECKSICHTIGUNG DES SOWJETISCHEN SPEKTROZONALFILMS. (THE USE OF LARGE-SCALE AERIAL PHOTOGRAPHS IN THE IMPROVEMENT OF GRASSLAND SITES, WITH SPECIAL REGARD TO SOVIET SPECTROZONAL FILMS). ARTUR REINHOLD UND FRITZ ASMUS. IN ZEITSCHRIFT FUER LANDESKULTURE (BERLIN), BD. 9, HEFT 1, 1968, S. 3-25. IN GERMAN.
NR-H9-00-000-01830	ZUR BEDEUTUNG DER LUFTPHOTOGRAPHIE FUR STICHPROBENVERFAHREN. (THE IMPORTANCE OF AERIAL PHOTOGRAPHY SAMPLING TESTS). B. RHODY. IN SCHWEIZERISCHE ZEITSCHRIFT FUR DAS FORSTWESSEN, VOL. 119, NO. 10, OCT. 1968. PP.739-744. IN GERMAN, SUMMARY IN FRENCH.
NR-H9-GJ-998-01831	DETROIT - A SPACE-AGE VIEW FROM 12 MILES UP. IN THE DETROIT NEWS, MON. APRIL 19, 1971, P.1, 19A, 16C.
NR-H9-00-000-01832	ESTUDIO DE LA COMPOSICION DEL TERRENO MEDIANTE EL USO DE SENSORES REMOTOS. (STUDY OF LAND COMPOSITION BY MEANS OF REMOTE SENSORS.) MARCO ANTONIO MACHADO GAMA (THESIS), UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, FACULTAD DE CIENCIAS, MEXICO, D.F. 1971, 74P.
NR-H9-00-000-01833	PHOTOGAMMETRY AND PHOTO-INTERPRETATION. WITH A SECTION ON APPLICATIONS TO FORESTRY. SECOND EDITION OF AERIAL PHOTOGRAPHS IN FORESTRY. STEPHEN H. SPURR, UNIV. OF MICHIGAN, ANN ARBOR, MICHIGAN. RONALD PRESS CO., N.Y. 1960, 478P. \$12.00.
NR-H9-00-000-01834	USE OF EARTH SATELLITES FOR THE STUDY OF NATURAL RESOURCES. (USO DEI SATELLITI TERRESTRI PER LO STUDIO DELLE RISORSE NATURALI). ROBERTO STEFFENSEN, N.R.C. SENIOR RESIDENT RESEARCH ASSOCIATE, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. TRANSLATION OF ITALIAN MANUSCRIPT PRESENTED AT - XV CONVEGNO NAZIONALE S.I.F.E.T., PALERMO, SEPT. 1970, AND REPRINT OF ITALIAN PAPER PUBLISHED IN - BULLETTINO DELLA S.I.F.E.T. (SOCIETA ITALIANA DI FOTOGAMMETRIA E TOPOGRAFIA) NO. 4, DEC. 1970.
NR-H9-00-000-01842	EFFECTS OF REFLECTION PROPERTIES OF NATURAL SURFACES IN AERIAL RECONNAISSANCE. KINSELL L. COLSON, UNIV. OF CALIF., DEPT. OF AGR. ENGINEERING, DAVIS, CALIF. IN APPLIED OPTICS, VOL. 5, NO. 6, JUNE 1966. PP.905-917.
NR-H9-00-000-01850	SCANNING SYSTEMS FOR THERMAL VIEWERS. E. YA. KARIZHENSII, AND M.M. MIROSHNIKOV, ADDRESS UNKNOWN. LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF. TRANSL. OF - OPTIKO-MEKHANICHESKAYA PROMYSHLENNOST (SSSR), VOL. 37, NO. 9, 1970. PP.39-42. MICROFICHE COPY. AD-719854
NR-H9-00-000-01851	ON A COMPUTATION OF THE ENERGETIC RESPONSE OF INFRARED SCANNING APPARATUS. N.F. SOBOLEVA, ADDRESS UNKNOWN. LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF. 1971, 3P. TRANSL. OF - OPTIKO-MEKHANICHESKAYA PROMYSHLENNOST (SSSR), VOL. 37, NO. 19, 1970. PP.9-11. MICROFICHE COPY. AD-719847

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01852	OPTICAL CHARACTERISTICS OF SCANNING SYSTEMS OF THERMAL VIEWERS. N.I. KULIKOVSKAYA, L.A. GALPERN, AND V.M. KURYSHEVA, ADDRESS UNKNOWN. LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF. 1971, 5P. TRANSL OF - OPTIKO-MEKHANICHESKAYA PROMYSHLENNOST (SSSR), VOL. 37, NO. 10, 1970. PP.21-23. MICROFICHE COPY. AD-719852
NR-H9-00-000-01853	INFLUENCE OF SECONDARY RADIATION FLUXES ON THE OPERATION OF AN INFRARED RADIOMETER. M.M. MIROSHNIKOV, AND G.M. OVCHARENKO, ADDRESS UNKNOWN. LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF. 1971, 5P. TRANSL. OF - OPTIKO-MEKHANICHESKAYA PROMYSHLENNOST (SSSR), VOL. 37, NO. 10, 1970. PP.3-6. MICROFICHE COPY. AD-719846
NR-H9-00-000-01857	GLOBAL PHOTOGRAPHY OF THE EARTH AND POSSIBILITIES FOR INTERPRETING ITS DATA. REPORT NO. FTD-HT-23-505-70. B.V. VINOGRADOV, AND K. YA. KONDRATEV, ADDRESS UNKNOWN. FOREIGN TECHNOLOGY DIV., WRIGHT PATTERSON AFB, OHIO. NOV. 1970, 22P. TRANSL. OF - IAF CONGRESS, 20TH, MAR DEL PLATE, ARGENTINA, OCT. 1969, PAPERS. PP.1-22. MICROFICHE COPY. AD-719781
NR-H9-DJ-998-01865	AERIAL PHOTOGRAPHY LITERATURE PACKET. REPORT NO. KODAK LITERATURE PACKET U-914. EASTMAN KODAK CO., ROCHESTER N.Y., REPRINTS, AND FILM DATA RELEASES (21 PAPERS) DATES VARY. \$1.
NR-H9-00-000-01867	CANADA'S APPROACH TO REMOTE SENSING. L.W. MORLEY, PROGRAM PLANNING OFFICE FOR RESOURCE SATELLITES AND REMOTE AIRBORNE SENSING, DEPT. OF ENERGY, MINES AND RESOURCES, OTTAWA, CANADA. PRESENTED AT THE UNITED NATIONS/NASA WORKSHOP, ANN ARBOR, MICHIGAN, MAY 1971, 16P.
NR-H9-DJ-211-01880	APPLICATIONS OF REMOTE SENSING TECHNOLOGY TO THE STUDY OF COASTAL ZONES. JOHN E. ESTES, UNIV. OF CALIF., DEPT. OF GEOGRAPHY, LOS ANGELES, CALIF. 1967, 15P.
NR-H9-00-000-01882	PHOTOINTERPRETATION AND ITS USES. A NON-TECHNICAL REVIEW. REPORT NO. KODAK PAMPHLET NO. M-42. EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK 1969, 12P. \$1.
NR-H9-00-000-01883	APPLIED INFRARED PHOTOGRAPHY. REPORT NO. KODAK PUBLICATION NO. M-28, EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK. 1970, 92P. \$2
NR-H9-00-000-01885	AIR SURVEY METHODS. THEIR APPLICATION TO PHYSICAL PLANNING. M.G. BURRY, IN - TOWN PLANNING REVIEW, VOL. 38, 1967, PAGE 135-151.
NR-H9-00-000-01886	ESTIMATING LAND-CLEARING COSTS USING AERIAL PHOTOGRAPHY. LEONARD A. LESCHACK, DEVELOPMENT AND RESOURCES TRANSPORTATION CO., SILVER SPRING, MD, AND ROBERT G. BROWN, ROBERT G. BROWN AND ASSOCIATES, LEE, MASS. IN-CIVIL ENGINEERING, FEB. 1969, 4 PAGES.
NR-H9-00-000-01887	PHOTOGRAMMETRY. SECOND EDITION. FRANCIS H. MOFFITT, PROF. OF CIVIL ENGINEERING, UNIV. OF CALIF. INTERNATIONAL TEXTBOOK CO., SCRANTON, PENN. 1967, 551P., \$10.
NR-H9-00-000-01889	ISPOLZOVANIE SPEKTROFOTOMETRICHESKIKH KHARAKTERISTIK OBJEKTOV DLIA AVTOMATIZATSII DESHIFIROVANIYA AEROSNIMKOV. (USE OF SPEKTROFOTOMETRIC CHARACTERISTICS OF OBJECTS FOR AUTOMATION OF AERIAL PHOTO INTERPRETATION). K.E. MELESHKO, (USSR) IN- GEODEZIYA I AEROFOTOSEMKA, NO. 2, 1969, P.69-72. IN RUSSIAN. MICROFICHE COPY A70-33227

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-01890	EFFECTS OF THE ATMOSPHERE ON PASSIVE MICROWAVE SENSING IN THE 20 TO 100 GHZ REGION. REPORT NO. AIAA PAPER 70-198 W.H. CONWAY, AND G.A. LAROCCA, MICROWAVE SENSOR SYSTEMS, DOWNEY, CALIF. AIAA, AEROSPACE SCIENCES MEETING, 8TH, N.Y., N.Y., JAN. 1970, PAPER 70-198, 6P. IN- JOURNAL OF SPACE-CRAFT AND ROCKETS, VOL. 7, AUG. 1970, P. 1020-1022. MICROFICHE COPY. A70-1-099. A70-3970J
NR-H9-BH-057-01891	ENERGY BUDGET RESEARCH IN HAWAII. PART 2-THE DISTRIBUTION OF SURFACE COEFFICIENTS IN THE HAWAIIAN ISLANDS. J.O. JUVIK HAWAII UNIV., HONOLULU, 1970, 13P. CONTRACT NO. GRANT ESSA-E265-L,(G) MICROFICHE COPY PB-190188, N70-34230
NR-H9-00-000-01892	INTRODUCTION TO RESTORATION AND ENHANCEMENT OF RADIOGRAPHIC IMAGES. REPORT NO. LA-4305 B.R. HUNT, D.H. JANNEY, AND R.K. ZEIGLER, LOS ALAMOS SCIENTIFIC LAB., LOS ALAMOS, N.M. APRIL 1970, 28P. CONTRACT NO. W-7405-ENG-36 MICROFICHE COPY. N70-39062
NR-H9-GJ-174-01893	INSTRUMENTED AIRCRAFT MEASUREMENTS IN THE VICINITY OF CLEAR AIR RADAR STRUCTURES. GRAEME K. MATHER, NATIONAL AERONAUTICAL ESTABLISHMENT, OTTAWA, CANADA, AND KENNETH R. HARDY USAF, CAMBRIDGE RESEARCH LABS., BEDFORD, MASS. IN- AMERICAN METEOROLOGICAL SOCIETY, RADAR METEOROLOGY CONFERENCE, 14TH, TUCSON, ARIZONA, NOV. 1970, PROCEEDINGS, P. 49-52. MICROFICHE COPY A71-10560
NR-H9-00-000-01896	MICROWAVE RADIOMETRY AND ITS APPLICATIONS. PHILIP J. CARUSO JR., SPECTRAN INC., HOLLYWOOD, CALIF. IN- INTERNATIONAL ASTRONAUTICAL FEDERATION, INTERNATIONAL ASTRONAUTICAL CONGRESS. 21ST, KONSTANZ, WEST GERMANY, OCT. 1970, PAPER 29P. MICROFICHE COPY. A70-44648.
NR-H9-00-000-01897	INDUSTRIAL DESIGN STUDY FOR AN AIRBORNE IR MAPPER. REPORT NO. CWRR-14-3. DONN C. COODE (MASTERS THESIS) UTAH STATE UNIV., LOGAN, UTAH. UTAH CENTER FOR WATER RESOURCES RESEARCH, LOGAN, UTAH 1969, 39P. MICROFICHE COPY. PB-192210, W70-07330
NR-H9-00-000-01898	APPLICATIONS OF THE AGA THERMOVISION INFRARED CAMERA IN SPACE TECHNOLOGY. REPORT NO. ESRO-TM-150-ESTEC. B.G.M. AALDERS, EUROPEAN SPACE RESEARCH AND TECHNOLOGY CENTER, NOORDWIJK, NETHERLANDS. SEPT. 1969, 37P. MICROFICHE COPY N71-13272
NR-H9-FJ-238-01899	APPLICATIONS OF EARTH RESOURCES SURVEY TO THE MONITORING OF THE ENVIRONMENT. WILLIAM O. DAVIS, ESSA, OFFICE OF PLANS AND PROGRAMS, WASHINGTON, D.C. INTERNATIONAL ASTRONAUTICAL FEDERATION, INTERNATIONAL ASTRONAUTICAL CONGRESS, 21ST, KONSTANZ, WEST GERMANY, OCT. 1970, PAPER. 20P. MICROFICHE COPY. A70-44664
NR-H9-EJ-998-01902	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 2. VARIATIONS OF EMISSIVITY IN THE INFRARED RANGE (8 TO 14U). JOSEPH LINTZ, JACK QUADE, ET AL. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NO. NGR 1-38-7751.
NR-H9-EJ-019-01905	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 5. SURFACE ROUGHNESS 1/10 TO 100 MM. JOSEPH LINTZ, JACK QUADE, ET AL. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. CONTRACT NO. NGR 1-38-7751.
NR-H9-EJ-998-01906	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 6. GROUND MONITORING OF OVER-FLIGHTS. DR. JOSEPH LINTZ, JACK QUADE, ET. AL. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO NEVADA. CONTRACT NO. NGR 1-38-7751. N69-74845



TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-EJ-998-01915	MACKAY SCHOOL OF MINES, TECHNICAL LETTER - 15. J.P.L. MICROWAVE EXPERIMENT SUPPORT. PETER A. BRENNAN, PETER E. CHAPMAN, AND JACK G. QUADE, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. NOVEMBER 1968. CONTRACT NUMBER NAS 9-7779. N69-31198
NR-H9-00-000-01917	AIRBORNE INFRARED FOURIER SPECTROMETER. REPORT NO. JPRS-51426. M.N. MARKOV, V.I. VEDERNIKOV, V.V. IVANOV, ET AL., ORDER OF LENIN PHYSICS INSTITUTE IMENI P.N. LEBEDEV, MOSCOW. TRANSL. OF BORTOVOI INTRAKRASNYI FURYE-SPEKTROMETR, MOSCOW, PREPRINT 189, 1969, P. 1-509 MICROFICHE COPY N70-42141
NR-H9-00-000-01934	OPTICAL WAVEFRONT RECONSTRUCTION. REPORT NO. WRE-TN-OSD-108 R.G. HUGHES, WEAPONS RESEARCH ESTABLISHMENT, SALISBURY, AUSTRALIA. SEPT. 1969, 22P. MICROFICHE COPY. N70-36863
NR-H9-DJ-211-01945	OZONE WITHIN AND BELOW THE WEST COAST TEMPERATURE INVERSION. A. MILLER, AND D. AHRENS, SAN JOSE STATE COLLEGE, SAN JOSE, CALIF. TELLUS, VOL. 22, NO. 3, 1970, P. 328-340. MICROFICHE COPY. A70-35945
NR-H9-00-000-01946	WAVELENGTH DEPENDENCE OF BACKSCATTER FROM ROUGH SURFACE. REPORT NO. RSC-12, NASA-CR-110833. JOHN W. ROUSE, JR., TEXAS A+M UNIV., REMOTE SENSING CENTER, COLLOEGE STATION, TEXAS. SEPT. 1970, 28P. CONTRACT NO. GRANT NGL-44-001-001 MICROFICHE COPY N70-42712
NR-H9-00-000-02010	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-10 LABORATORY TESTS OF THE RECONOFAX IV INFRARED IMAGING SYSTEM. WILLIAM R. HENPHILL, CHARLES R. FROSS, GEORGE R. BOYNTON, PHILIP W. PHILBIN AND MASTON O'NEAL, III, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. DECEMBER 1965
NR-H9-00-000-02014	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-14, SUMMARY OF SIGNIFICANT RESULTS OF REMOTE SENSING STUDIES IN 1965. W.D. CARTER, U.S.G.S., WASHINGTON, D.C. MAY 1966. CONTRACT NO. R-09-020-013. X66-18330 N70-41148 NASA-CR-75462. MICROFICHE AND HARD COPY.
NR-H9-00-000-02015	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-15, A MILLIMETER WAVELENGTH INTERFEROMETER SPECTROMETER. GEERT WYNTJES AND NEILS O. YOUNG, BLOCK ENGINEERING, INC., CAMBRIDGE, MASSACHUSETTS. MAY 9, 1966. CONTRACT NO. R-146. X66-19189 N70-38940 NASA-CR-75556. MICROFICHE AND HARD COPY.
NR-H9-00-000-02022	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-22, TIME, SHADOWS, TERRAIN AND PHOTOINTERPRETATION. R. J. HACKMAN, U.S.G.S., WASHINGTON, D.C. MAY 1966. CONTRACT NO. R-09-020-013. X66-18939 N70-41125 NASA-CR-75770
NR-H9-00-000-02031	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-31, ULTRAVIOLET INSTRUMENTATION FOR ORBITAL REMOTE SENSORS. H.T. BETZ, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. JUNE 1966. CONTRACT NO. R-146-09-020-006. X66-18311 N70-41120 NASA-CR-74516 MICROFICHE AND HARD COPY. 42P.
NR-H9-00-000-02035	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-35, GEOLOGIC INTERPERTATION OF NIMBUS PHOTOGRAPHY - EVALUATION OF HIGH RESOLUTION. M. A. CONTI, U.S.G.S., WASHINGTON, D.C. APRIL 1967. CONTRACT NO. R-09-020-011. X67-18228 N70-38895 NASA-CR-85482 MICROFICHE AND HARD COPY. 19P.
NR-H9-00-000-02065	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-65, DISPERSIVE MULTISPECTRAL SCANNING: A FEASIBILITY STUDY. J. BRAITHWAITE. WILLOW RUN LABORATORIES OF THE INSTITUTE OF SCIENCE AND TECHNOLOGY, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. NOVEMBER 1966. CONTRACT NO. R-146-09-020-006. N67-11848

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-DJ-998-02066	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-66, STATUS REPORT OF INFRARED INVESTIGATIONS (JULY 1, 1966 TO SEPTEMBER 30, 1966). ROBERT M. MOXHAM, U.S.G.S., WASHINGTON, D.C. NOVEMBER 1966. CONTRACT NO. R-146. X67-10475 N70-38883 NASA-CR-79892 MICROFICHE AND HARD COPY
NR-H9-00-000-02067	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-67. RADAR AS A TOOL FOR REGIONAL INVESTIGATIONS. NELSON R. MUNNALLY, UNIVERSITY OF ILLINOIS, DEPT. OF GEOGRAPHY, URBANA, ILL. FEBRUARY 1969. CONTRACT NUMBER R-09-020-024.
NR-H9-00-000-02069	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-69, GEMINI PHOTOGRAPHY EVALUATION. ROBERT H. NUGENT AND LOWELL E. STARR, U.S.G.S., WASHINGTON, D.C. MARCH 1967. CONTRACT NO. R-09-020-024. X67-18318 N70-38844 NASA-CR-84588. MICROFICHE AND HARD COPY. 17P.
NR-H9-EJ-000-02075	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-75. USE OF INFRARED IMAGERY AND COLOR PHOTOGRAPHY IN STUDY OF MISSILE IMPACT CRATERS. HENRY J. MOORE, DAVID CUMMINGS, AND D.E. GAULT, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA. APRIL 1967. CONTRACT NUMBER R-09-020-015. X67-21921 N70-38846 NASA-CR-85481 MICROFICHE COPY. 7P.
NR-H9-HK-000-02081	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-81, RADAR IMAGERY: PARMACHENESE LAKE AREA, WEST-CENTRAL MAINE. D. S. HARWOOD U.S.G.S., WASHINGTON, D.C., JUNE 1967. CONTRACT NO. R-09-020-015. X67-17994 N70-38942 NASA-CR-85279 MICROFICHE AND HARD COPY. 16P.
NR-H9-00-000-02086	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-86. ANNOTATED BIBLIOGRAPHY OF USGS TECHNICAL LETTERS-NASA ON REMOTE SENSING INVESTIGATIONS THROUGH JUNE 1967. WILLIAM D. CARTER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. SEPTEMBER 1969. CONTRACT NUMBER R-09-020-011.
NR-H9-00-000-02088	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-88, AN ENGINEERING FEASIBILITY STUDY OF AN ORBITING SCANNING RADIOMETER. J. BRAITHWAITE, A. W. KRAUSE, AND W. L. BROWN, WILLOW RUN LABORATORIES OF THE INSTITUTE OF SCIENCE AND TECHNOLOGY, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. MAY 1967. CONTRACT NO. 14-08-0001-10108. N69-28322
NR-H9-00-000-02091	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-91, FAR INFRARED LUMINESCENCE. A.E. STODDARD, U.S.G.S., WASHINGTON, D.C. OCTOBER 1967. CONTRACT NOS. R-146-09-020-006 AND T-65754. N69-28319
NR-H9-00-000-02092	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-92, VISIBLE AND ULTRAVIOLET REFLECTANCE AND LUMINESCENCE FROM VARIOUS SAUDI ARABIAN AND INDIANA LIMESTONE ROCKS. H.V. WATT'S AND H.J. GOLDMAN, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. OCTOBER 1967. CONTRACT NO. T-65757. (CONTINUATION OF INFORMATION IN TECHNICAL LETTER NASA-32) N69-28161
NR-H9-00-000-02094	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-94. FILM DENSITY ANALYZERS FOR INFRARED INVESTIGATIONS. ROBERT M. TURNER AND GEORGE R. BOYNTON, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. JANUARY 1968. CONTRACT NO. T-65754-G. N69-28159
NR-H9-00-000-02095	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-95, A SURVEY OF LUNAR GEOLOGY. JERALD J. COOK, WILLOW RUN LABORATORIES, INSTITUTE OF SCIENCE AND TECHNOLOGY, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. NOVEMBER 1967. CONTRACT NO. R-146-09-020-006. N69-28247

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-02097	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-97, COMPARISON OF A UV SCANNER/PHOTOMULTIPLIER WITH AN IMAGE ORTHICON. HOWARD GOLDMAN AND ROBERT MARSHALL, IIT RESEARCH INSTITUTE, CHICAGO, ILLINOIS. OCTOBER 1967. CONTRACT NUMBER R-146-09-020-006. N69-28376
NR-H9-EJ-014-02103	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-103. IMAGERY OF CRATERS PRODUCED BY MISSILE IMPACTS. HENRY J. MOORE AND REUBEN KACHADOURIAN, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA, AND J.F. MCCAULEY, FLAGSTAFF, ARIZONA. MARCH 1968. CONTRACT NUMBER R-09-020-015. N68-19346
NR-H9-EJ-998-02105	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-105. INFRARED IMAGERY AND RADIOMETRY SUMMARY REPORT. R.M. MOXHAM, G.W. GREENE, J.D. FRIEDMAN, AND S.J. GAWARECKI, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. DECEMBER 1967. CONTRACT NUMBER T-65754-G. N69-28153
NR-H9-EJ-998-02117	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-117. MAKING COLOR INFRARED FILM A MORE EFFECTIVE HIGH ALTITUDE SENSOR. ROBERT W. PEASE AND LEONARD W. BOWDEN, DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF CALIFORNIA, RIVERSIDE, CALIFORNIA. MAY 1968. CONTRACT NUMBER R-14-08-0001-10674. N69-28379
NR-H9-00-000-02122	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-122. GRIDDING OF NEAR VERTICAL UNRECTIFIED SPACE PHOTOGRAPHS. RICHARD H. RAPP AND WILLIAM H. SPRINSKY, OHIO STATE UNIVERSITY, DEPARTMENT OF GEODETIC SCIENCE, COLUMBUS, OHIO. JUNE 1968. CONTRACT NUMBER 14-08-0001-10666. N68-27573
NR-H9-GJ-142-02128	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-128. PRELIMINARY REMOTE SENSING OF THE DELAWARE ESTUARY. RICHARD W. PAULSON, U.S. GEOLOGICAL SURVEY, PHILADELPHIA, PENNSYLVANIA. OCTOBER 1968. CONTRACT NO. R-146-09-020-011. N69-28326
NR-H9-00-000-02129	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-129. SELECTED BIBLIOGRAPHY OF REMOTE SENSING. ROBERT B. HONEA, EAST TENNESSEE STATE UNIVERSITY, JOHNSON CITY, TENNESSEE, AND VIRGINIA L. PRENTICE, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. SEPTEMBER 1968. CONTRACT NUMBER U.S.G.S. 14-008-001-10921. N68-36402
NR-H9-EJ-998-02132	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-132. MISSION 73, SUMMARY AND DATA CATALOG. RICHARD F. PASCUCCI AND GARY W. NORTH, AUTOMETRIC OPERATION, RAYTHEON COMPANY, ALEXANDRIA, VIRGINIA. AUGUST 1968. CONTRACT NUMBER R-09-020-024 (A/1). N69-28163
NR-H9-DJ-061-02136	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-136. A RAPID FILM DENSITY ANALYZER. G.R. BOYNTON AND R.M. MOXHAM, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. FEBRUARY 1969. CONTRACT NUMBER T-65754.
NR-H9-EJ-998-02142	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-142. ANALYSIS OF MULTISENSOR DATA. RAYTHEON CO., AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. NOVEMBER 1968. CONTRACT NO. W-12589.
NR-H9-EJ-998-02143	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-143. SENSOR DETECTION CAPABILITIES STUDY. JOHN E. WILSON, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969. CONTRACT NUMBERS W-12570 AND 160-75-01-31-10. W70-04592 IN GEOLOGICAL SURVEY CIRCULAR NO. 616.
NR-H9-GJ-046-02145	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-145. COHERENT OPTICAL DATA PROCESSING AND REMOTELY SENSED IMAGERY. BRUCE E. MACDOUGALL, UNIVERSITY OF TORONTO, DEPT. OF GEOGRAPHY, TORONTO, ONTARIO, CANADA. MAY 1969. CONTRACT NUMBER R-09-020-024(A/1).

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-00-000-02146	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-146. PREDICTING THE RELATIVE DYE LAYER DENSITIES OF COLOR INFRARED TRANSPARENTS. ROBERT W. PEASE, UNIVERSITY OF CALIF., DEPT. OF GEOGRAPHY, RIVERSIDE, CALIFORNIA. JANUARY 1969. CONTRACT NUMBER R-09-020-024(A/1).
NR-H9-00-000-02147	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-147. STUDIES IN REMOTE SENSING OF SOUTHERN CALIFORNIA AND RELATED ENVIRONMENTS. PLANT TISSUE AND THE COLOR INFRARED RECORD. ROBERT W. PEASE, UNIVERSITY OF CALIFORNIA, DEPT. OF GEOGRAPHY, RIVERSIDE, CALIFORNIA. FEBRUARY 1969. CONTRACT NUMBER R-09-020-024(A/1).
NR-H9-EJ-998-02149	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-149. MICROWAVE RADIMETRIC STUDIES AND GROUND TRUTH MEASUREMENTS OF THE NASA/USGS SOUTHERN CALIFORNIA TEST SITE. A.T. EDGER-TON, ET AL., AEROMET-GENERAL CORP., SPACE DIVISION, EL MONTE, CALIFORNIA. MARCH 1969. CONTRACT NUMBER W-12570.
NR-H9-00-000-02157	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-157. THE FRAUNHOFER LINE DISCRIMINATOR - AN AIRBORNE FLUOROMETER. GEORGE E. STOERTZ, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969. CONTRACT NUMBER T-80485C.
NR-H9-00-000-02159	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-159. TESTING THE FRAUNHOFER LINE DISCRIMINATOR BY SENSING FLUORESCENT DYE. GEORGE E. STOERTZ, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969. CONTRACT NUMBER T-80485C.
NR-H9-DJ-211-02167	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-167. FLUOROMETER APPLICABLE TO MARINE AND ESTUARINE STUDIES. GEORGE E. STOERTZ AND WILLIAM R. HEMPHILL, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. DAVID A. MARKLE, PERKIN-ELMER CORP., NORWALK, CONN. JAN. 1970. CONTRACT NO. T-80485C. REPRINTED FROM MARINE TECHNOLOGY SOCIETY JOURNAL, NOV.-DEC. 1969, VOL. 3, NO. 6, PP.11-26. A70-23350
NR-H9-DJ-211-02175	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-175. TEST OF DATA COMPILATION PROCEDURES FOR THE FRAUNHOFER LINE DISCRIMINATOR. GEORGE E. STOERTZ, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1969. CONTRACT NUMBER T-80485C.
NR-H9-DJ-211-02178	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-178. REMOTE SENSING OF LUMINESCENT MATERIALS. WILLIAM R. HEMPHILL, GEORGE STOERTZ, AND DAVID A. MARKLE, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. MARCH 1970. CONTRACT NUMBERS T-80485C AND 160-75-03-12-TA2511-TF41.
NR-H9-00-000-02189	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-189. REMOTE SENSING BIBLIOGRAPHY FOR EARTH RESOURCES, 1966-67. RITA K. LLAVERIAS, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. MAY 1970. PB-192 863
NR-H9-00-000-02195	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-195. MORE INFORMATION RELATING TO THE HIGH ALTITUDE USE OF COLOR INFRARED FILM. ROBERT W. PEASE, DEPT. OF GEOGRAPHY, UNIVERSITY OF CALIFORNIA, RIVERSIDE, CALIFORNIA. JAN. 1970. CONTRACT NUMBERS W-12782 AND 160-75-01-16-10. PUBLISHED IN REMOTE SENSING OF ENVIRONMENT, VOL. 1, NO. 2, MARCH 1970. PP.123-125. PB-193 512
NR-H9-EJ-998-02196	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-196. MULTISPECTRAL SEPARATIONS FROM MULTILAYER FILMS. ROBERT W. PEASE, DEPT. OF GEOGRAPHY, UNIVERSITY OF CALIFORNIA, RIVERSIDE, CALIF. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. DEC. 1969. CONTRACT NOS. W-12792 AND 14-08-0001-11914. PB-195498

TECHNICAL REPORTS - MULTISUBJECT

ACCESSION NUMBER	DESCRIPTION
NR-H9-JG-998-02200	MAPPING TERRESTRIAL RADIATION EMISSION WITH THE RS-14 SCANNER. REPORT NO. IR-USGS-200. ROBERT W. PEASE, DEPT. OF GEOGRAPHY, UNIV. OF CALIF., RIVERSIDE, ROBERT H. ALEXANDER GEOGRAPHIC APPLICATIONS PROGRAM, USGS, WASHINGTON, D.C. STENVEN R. PEASE, DEPT. OF GEOGRAPHY, UNIV. OF WISC., MILWAUKEE. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. JULY 1970, 30P. ALSO ISSUED AS TECHNICAL REPORT 4 BY UNIV. OF CALIF., DEPT. OF GEOGRAPHY, RIVERSIDE, CALIF. CONTRACT NO. W-12782, 14-08-0001-11914
NR-H9-00-000-02203	U.S. GEOLOGICAL SURVEY, TECHNICAL LETTER NASA-203. REMOTE SENSING BIBLIOGRAPHY FOR EARTH RESOURCES, 1968. RITA K. LLAVERTIAS, AND DOROTHY G. LOWE, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. OCT. 1970

# PROGRAM DOCUMENTS

# PROGRAM DOCUMENTS

## SECTION P3 AIRCRAFT MISSION REQUESTS

ACCESSION NUMBER	DESCRIPTION
NR-P3-FJ-194-00361	SITE 194-DENVER, COLORADO
NR-P3-BK-221-00341	SITE 221-KATMAI NATIONAL MONUMENT, ALASKA (1)

## SECTION P6 - DIVISION BIBLIOGRAPHY

Reproduced from  
best available copy. 

ACCESSION NUMBER	DESCRIPTION
NR-P6-EJ-998-00001	RADAR SENSING FOR GEOSCIENCE PURPOSES. MONTHLY PROGRESS REPORT, CRM 61-15, 1 OCTOBER 1965 TO 1 NOVEMBER 1965. NASA CONTRACT NO. NSR 17-004-003. COMPILED BY J.W. ROUSE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. STAR N66-91604.
NR-P6-00-000-00003	QUARTERLY PROGRESS REPORT NO. 81, APRIL 15, 1966. MASSACHUSETTS INSTITUTE OF TECHNOLOGY, RESEARCH LABORATORY OF ELECTRONICS, CAMBRIDGE, MASSACHUSETTS. NASA CONTRACT NOS. NSG-496, NGR 22-009-(114), NGR 22-009-131, NSG-334, NSG-419, AND NSR-22-009-120. STAR N66-31903.
NR-P6-00-000-00004	QUARTERLY PROGRESS REPORT FOR 1 DECEMBER 1965 - 28 FEBRUARY 1966, 1 MARCH 1966 - 30 MAY 1966. OHIO STATE UNIVERSITY RESEARCH FOUNDATION, ANTENNA LABORATORY, PROJECT 1903, CONTRACT NO. NSR-36-008-027. STAR X66-21285.
NR-P6-00-000-00008	QUARTERLY STATUS REPORT, SEPTEMBER 15, 1965 - DECEMBER 15, 1965. UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY. NASA CONTRACT NO. R-09-020-019.
NR-P6-EJ-998-00009	QUARTERLY PROGRESS REPORT FOR PERIOD 1 JUNE 1965 TO 31 AUGUST 1965. OHIO STATE UNIVERSITY RESEARCH FOUNDATION, ANTENNA LABORATORY, PROJECT 1903. CONTRACT NUMBER NSR-36-008-027. STAR X66-13190.
NR-P6-00-000-00010	GEOSCIENCE DATA MANAGEMENT. 5TH AND FINAL QUARTERLY PROGRESS REPORT, 30 JUNE 1966. U.S. ARMY ENGINEER, GEODESY, INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPMENT AGENCY, FORT BELVOIR, VIRGINIA. NASA DEFENSE PURCHASE REQUEST NO. R-47-009-006. PRINCIPAL INVESTIGATORS DR. ROGER A. LEESTMA AND NATALIE E. JONES.
NR-P6-00-000-00018	SEMI-ANNUAL REPORT. MASSACHUSETTS INSTITUTE OF TECHNOLOGY, RESEARCH LABORATORY OF ELECTRONICS, CAMBRIDGE, MASSACHUSETTS. SEPTEMBER 1, 1965 TO FEBRUARY 28, 1966. NASA CONTRACT NO. NSR 22-009-120. STAR X66-17770.

PRECEDING PAGE BLANK NOT FILMED

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00017	SEMI-ANNUAL PROGRESS REPORT. UNIVERSITY OF CALIFORNIA, SCHOOL OF MEDICINE, BIOMECHANICS LABORATORY, SAN FRANCISCO, CALIFORNIA. NASA CONTRACT NO. NSG-722.
NR-P6-EJ-998-00031	SEMI-ANNUAL PROGRESS REPORT. MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. PERIOD COVERED FROM JUNE 10, 1966 TO NOVEMBER 28, 1966. RESEARCH GRANT NGR-29-001-015. STAR X67-10769.
NR-P6-00-000-00033	SEMI-ANNUAL REPORT. MARCH 1, 1966 TO AUGUST 31, 1966. MASSACHUSETTS INSTITUTE OF TECHNOLOGY, RESEARCH LABORATORY OF ELECTRONICS, CAMBRIDGE, MASSACHUSETTS. CONTRACT NUMBER NSR-22-009-120. STAR X67-11523.
NR-P6-DJ-998-00041	LETTER PROGRESS REPORT NO.1. 1 AUGUST 1967 AND NO.2. 1 SEPTEMBER 1967. R.J.P. LYON, GEOPHYSICS DEPARTMENT, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. CONTRACT NO. NAS-9-7313.
NR-P6-EJ-998-00045	INFRARED SPECTROMETRY STUDIES. LETTER PROGRESS REPORT NO.3 TO OCTOBER 1, 1967. R.J.P. LYON, MINERAL ENGINEERING, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. CONTRACT NO. NAS 9-7313.
NR-P6-EJ-998-00054	LETTER PROGRESS REPORTS NOS. 4 AND 5 TO DECEMBER 1, 1967: INFRARED SPECTROMETRY STUDIES. R.J.P. LYON, SCHOOL OF EARTH SCIENCES, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. DECEMBER 20, 1967. CONTRACT NO. NAS 9-7313.
NR-P6-EJ-998-00055	LETTER PROGRESS REPORT NO. 6 TO JANUARY 1, 1968. INFRARED SPECTROMETRY STUDIES. R.J.P. LYON, SCHOOL OF EARTH SCIENCES STANFORD UNIVERSITY, STANFORD, CALIFORNIA. JANUARY 1968. CONTRACT NO. NAS 9-7313.
NR-P6-EJ-998-00058	LETTER PROGRESS REPORT NO. 7, TO FEBRUARY 1, 1968. INFRARED SPECTROMETRY STUDIES. R.J.P. LYON, SCHOOL OF EARTH SCIENCES, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. FEBRUARY 15, 1968. CONTRACT NO. NAS 9-7313.
NR-P6-GH-128-00059	MEMORANDUM TO PERSONS CONCERNED WITH ALAMINOS CRUISE 68-A-1, OF 9-14 FEBRUARY 1968. LCDR DON WALSH, TEXAS A + M UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, COLLEGE STATION, TEXAS. CONTRACT NO. NONR 2119(04).
NR-P6-EJ-998-00061	BUDGETS FOR STUDIES IN THE FIELDS OF GEOLOGY/HYDROLOGY AND GEOGRAPHY/CARTOGRAPHY, OCTOBER 1, 1967 TO JUNE 30, 1968. EARTH RESOURCES SURVEY PROGRAM, WASHINGTON, D.C. AUGUST 25, 1967. CONTRACT NO. R-09-020-011.
NR-P6-EJ-998-00063	LETTER PROGRESS REPORT NO. 8, TO MARCH 1, 1968. INFRARED SPECTROMETRY STUDIES. R.J.P. LYON, SCHOOL OF EARTH SCIENCES, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. MARCH 15, 1968. CONTRACT NO. NAS 9-7313.
NR-P6-GJ-998-00068	FURTHER INFRARED SYSTEMS STUDIES FOR THE EARTH RESOURCES PROGRAM. FINAL REPORT. J. BRAITHWAITE, L. LARSEN, AND B. WORK, UNIVERSITY OF MICHIGAN, WILLOW RUN LABORATORIES, ANN ARBOR, MICHIGAN. DECEMBER 1969. CONTRACT NUMBER NAS 9-8381. STAR N70-16407
NR-P6-EJ-998-00071	INFRARED SPECTROMETRY STUDIES. LETTER PROGRESS REPORTS, NUMBERS 9, TO APRIL 1; 10, TO MAY 1; 11, TO JUNE 1; AND 12, TO JULY 1, 1968. R.J.P. LYON, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. JULY 15, 1968. CONTRACT NUMBER NAS 9-7313.



DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-FH-076-00873	COMPARISON OF RADAR IMAGERY AND PHOTOGRAPHY TO DISCRIMINATE AGRICULTURAL LAND USES IN SEPTEMBER. REPORT NO. CRES TM 169-1. W.G. BROONER, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. CONTRACT NO. 14-08-0001-12077.
NR-P6-BL-093-00078	PRELIMINARY MISSION ANALYSIS REPORT NASA/MSC MISSION NO. 47, SITE 93, PT. BARROW, ALASKA. TECHNICAL MEMORANDUM 118-4. JOHN W. ROUSE, JR., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIVISION, LAWRENCE, KANSAS. OCTOBER 1967. CONTRACT NUMBER NAS 9-7175. STAR X69-16562
NR-P6-00-000-00079	LETTER PROGRESS REPORT NO. 16 TO NOVEMBER 1, 1968. INFRARED SPECTROMETRY STUDIES. R.J.P. LYON, SCHOOL OF EARTH SCIENCES STANFORD UNIVERSITY, STANFORD, CALIFORNIA. NOVEMBER 1968. CONTRACT NUMBER NAS 9-7313.
NR-P6-DJ-056-00086	NINETY DAY REPORT. MISSION NUMBER 76, MT. LASSEN TEST SITE NUMBER 56. SPECIAL REPORT 1. JACK G. QUADE, PETER E. CHAPMAN, ET AL, UNIVERSITY OF NEVADA, RENO, NEVADA. OCTOBER 17, 1968.
NR-P6-00-000-00097	MODIFICATION OF 16.5 GHZ SIDE-LOOKING RADAR SYSTEM FOR NASA C-130 AIRCRAFT. FINAL REPORT. NASA CR-101746. R.E. MC CAIN, PHILCO-FORD CORP, AERONUTRONIC DIV., NEWPORT BEACH, CALIFORNIA. SEPTEMBER 1969. CONTRACT NO. NAS9-9116. STAR N69-40391.
NR-P6-EJ-998-00098	MISSION 78 - FLIGHTS 1 AND 2, NINETY DAY REPORT. REMOTE SENSING LABORATORY TECHNICAL REPORT 69-1. R.J.P. LYON AND ATTILA KILINC, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. JANUARY 10, 1969. CONTRACT NUMBER NAS 9-7313.
NR-P6-EJ-998-00178	INFRARED SPECTROMETER STUDIES. LETTER PROGRESS REPORT NO. 25 TO AUGUST 1, 1969. R.J.P. LYON AND ATTILA KILINC, SCHOOL OF EARTH SCIENCES, STANFORD UNIVERSITY, STANFORD, CALIFORNIA. AUGUST 1969. CONTRACT NUMBER NAS 9-7313.
NR-P6-EJ-998-00192	INFRARED SPECTROMETRY STUDIES. LETTER PROGRESS REPORT 26, TO SEPTEMBER 1969. R.J.P. LYON AND ATTILA KILINC, STANFORD UNIVERSITY, SCHOOL OF EARTH SCIENCES, STANFORD, CALIFORNIA. CONTRACT NUMBER NAS9-7313.
NR-P6-00-000-00194	SECOND QUARTERLY STATUS REPORT FOR PERIOD ENDING FEBRUARY 29, 1968. JAMES R. GREAVES, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. CONTRACT NUMBER NASW-1651. STAR X68-83717.
NR-P6-FJ-076-00201	NASA/MSC MISSION 74 SITE 76, GARDEN CITY, KANSAS. 90-DAY MISSION ANALYSIS REPORT. CRES TECHNICAL MEMORANDUM 118-9. D.H. BERGER, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. SEPTEMBER 1968. CONTRACT NUMBERS NAS 9-7175 AND USGS 14-08-0001-10848.
NR-P6-00-000-00218	MANNED SPACE FLIGHT EXPERIMENTS BOARD MINUTES, MEETING 69-5, SEPTEMBER 24, 1969. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C.
NR-P6-00-000-00233	PROPOSAL TO THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FOR A HIGH RESOLUTION EARTH SENSING EXPERIMENT FROM GEOSTATIONARY (GEOSYNCHRONOUS) ORBIT. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C.
NR-P6-00-000-00234	THE RB57 F AIRCRAFT PROGRAM FOR EARTH RESOURCES REMOTE SENSING. CASE 710. B.E. SABELS, BELLCOMM, INC. WASHINGTON, D.C. FEBRUARY 1968. STAR X68-84031

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00236	CURRENT PROGRAM AND CONSIDERATIONS OF THE FUTURE FOR EARTH RESOURCES SURVEY BY REMOTE SENSING - CASE 710. NASA CR-95516. F.G. ALLEN AND B.E. SABLES, BELLCOMM, INC., WASHINGTON, D.C. MAY 1968. STAR X68-86978.
NR-P6-GJ-044-00246	MAY 13 AND MAY 26, 27, 1969 FLIGHT MISSION - SITE 44, 90 DAY PRELIMINARY SCIENCE REPORT. PURDUE UNIVERSITY, LABORATORY FOR REMOTE SENSING, LAFAYETTE, INDIANA. DEC. 1969.
NR-P6-00-000-00259	EARTH RESOURCES DATA PROCESSING CENTER STUDY. FINAL REPORT. VOL. 1, PROGRAM SUMMARY. VOL. 11, STUDY FINDINGS. FAIRCHILD SPACE AND DEFENSE SYSTEMS, SYOSSET, N.Y. SEPT. 1969. CONTRACT NUMBER NASW-1811. N70-17721 VOL. 1, NASA-CR-107884. N70-17429 VOL. 2, NASA-CR-107887.
NR-P6-DJ-998-00264	QUARTERLY PROGRESS REPORT FOR NASA CONTRACT NO. R-09-038-002 FOR THE PERIOD 1 APRIL 1968 TO 30 JUNE 1968. UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. 1968.
NR-P6-EJ-998-00274	SCIENCE REPORT ON THE 70-MILLIMETER EARTH PHOTOGRAPHY OF THE APOLLO 6 MISSION. NASA TECHNICAL NOTE. (REVIEW COPY, INTERIM DRAFT.) REPORT NO. MSC-S-217. JOHN L. KALTENBACH, COMPILER. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. NOV. 1969, 331P.
NR-P6-00-000-00275	THE MEASUREMENT OF SURFACE TEMPERATURE WITH AN INFRARED SCANNING IMAGER. TEST REPORT MSC/SESD 21-140. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. MAY 1969.
NR-P6-FJ-085-00276	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION EARTH RESOURCES SURVEY PROGRAM 90-DAY MISSION ANALYSIS REPORT. NASA/MSC MISSION 102, SITE 85, LAWRENCE, KANSAS. CRES TECHNICAL MEMORANDUM 169-3. ANKE NEUMANN AND DAVID E. SCHWARZ, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. DECEMBER 1969. CONTRACT NUMBERS 160-75-01-32-10 AND 14-08-0001-12077.
NR-P6-FJ-076-00277	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION EARTH OBSERVATIONS SURVEY PROGRAM 90-DAY MISSION ANALYSIS REPORT. NASA/MSC MISSION 102, SITE 76, GARDEN CITY, KANSAS. CRES TECHNICAL MEMORANDUM 169-4. STANLEY MORAIN, CARL WOOD AND DEL CONTE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. FEBRUARY 1970. CONTRACT NUMBERS 160-75-01-32-10 AND 14-08-0001-12077.
NR-P6-00-000-00279	AN ANALYSIS OF RF PHASE ERROR IN THE 13.3 GHZ SCATTEROMETER. CRES TECHNICAL MEMORANDUM 177-1. G.A. BRADLEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. NOV. 1969. CONTRACT NUMBER NAS 9-10261.
NR-P6-00-000-00281	ANALOG AND DIGITAL DATA PROCESSING OUTPUT FOR EARTH RESOURCES REMOTE SENSING DATA. TECHNICAL REPORT NUMBER LEC/HASD NO. 649D.21.010. R.A. LIGONS, LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. APRIL 1970. CONTRACT NO. NAS9-5191.
NR-P6-00-000-00282	OPTICAL EVALUATION OF THE WINDOWS TO BE INSTALLED IN NASA 927. MSC INTERNAL NOTE NO. 67-TG-1. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JANUARY 24, 1967.
NR-P6-00-000-00283	REMOTE SENSING - A SURVEY REPORT. REPORT NO. MSC-CA-R-67-2. KENNETH B. CRAIB, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. AUGUST 11, 1967. N70-35895.
NR-P6-00-000-00284	A VIBRATION ANALYSIS OF THE NP3A AIRCRAFT NASA 927. REPORT NO. MSC-CA-R-67-1. KENNETH B. CRAIB, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. AUGUST 1967.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00285	INTRODUCTION TO NASA 926 AND NASA 927 REMOTE SENSOR AIRCRAFT AS APPLIED TO THE EARTH RESOURCES SURVEY PROGRAM. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. MARCH 1966.
NR-P6-00-000-00287	EARTH RESOURCES AIRCRAFT AND SENSORS. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. OCTOBER 1969.
NR-P6-00-000-00288	RS14 DUAL CHANNEL AIRBORNE INFRARED IMAGING SYSTEM - FINAL REPORT. NASA-CR-99666. TEXAS INSTRUMENTS, INC., ELECTRONIC AND OPTICAL SYSTEMS DEPT., DALLAS, TEXAS. MARCH 1969. CONTRACT NUMBER NAS9-7575. STAR N69-26346.
NR-P6-EJ-998-00291	INTERIM POST-FLIGHT CALIBRATION REPORT ON APOLLO 9 MULTIBAND PHOTOGRAPHY EXPERIMENT S065. OPTICAL SCIENCES CENTER TECHNICAL MEMORANDUM 2, JUNE 1970. P.B. KEENAN, P.N. SLATER, AND R.A. SCHWENGERDT, UNIVERSITY OF ARIZONA, TUCSON, ARIZ. CONTRACT NO. NAS 9-9333.
NR-P6-00-000-00294	400-MHZ SCATTEROMETER PROCEDURE FOR COMPUTING BACKSCATTER FROM SPECTRUM PLOTS. REPORT NO. MSC/TUSD DOCUMENT 28-153, AND LEC DOCUMENT 641D.28.802. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. FEBRUARY 1970.
NR-P6-00-000-00295	PROGRAM DOCUMENTATION - EARTH RESOURCES INFRARED SPECTROMETER/RADIOMETER. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. APRIL 1969. CONTRACT NUMBER NAS9-5384.
NR-P6-00-000-00296	PROGRAM DOCUMENTATION - EARTH RESOURCES CONVERSION OF DIFFERENTIAL RADIANCE TO SURFACE TEMPERATURE. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. DECEMBER 1969. CONTRACT NUMBER NAS9-5384.
NR-P6-00-000-00297	PROGRAM DOCUMENTATION - EARTH RESOURCES SENSOR STATUS SUMMARY. (SENSAT) GERALD E. HUBACEK, LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. OCTOBER 1969. CONTRACT NO. NAS9-5384.
NR-P6-00-000-00298	PROGRAM DOCUMENTATION - EARTH RESOURCES 400 MHZ SCATTEROMETER DIGITAL REFLECTIVITY PROGRAM. J.D. GARRETT, LOCKHEED ELECTRONIC CO., HOUSTON, TEXAS. JANUARY 1970. NOW INCLUDED IN GPRP NRP600302
NR-P6-EJ-998-00299	QUARTERLY PROGRESS REPORT FOR PERIOD OCTOBER 1, 1969 TO DECEMBER 31, 1969. UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LABORATORY, BERKELEY, CALIFORNIA. CONTRACT NUMBER R-09-038-002.
NR-P6-00-000-00300	PROGRAM DOCUMENTATION. EARTH RESOURCES SCATTEROMETER RESCALE AND PLOT PROGRAM. (REPLT) PROGRAM Q620, PROJECT 4610. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. FEB. 1970. CONTRACT NUMBER NAS9-5384. THIS DOCUMENT REPLACES THE EARLIER DOCUMENT TDR-2383 (SIARP) NRP600301.
NR-P6-00-000-00301	PROGRAM DOCUMENTATION. EARTH RESOURCES SIGMA INCIDENT ANGLE REPLT. (SIARP) PROGRAM Q612, PROJECT 4610. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. FEB. 1970. CONTRACT NO. NAS9-5384. OBSOLETE, THIS DOCUMENT REPLACED BY REPLT-NRP6-00300.
NR-P6-00-000-00302	PROGRAM DOCUMENTATION. EARTH RESOURCES GENERAL PURPOSE RADAR REFLECTIVITY PROGRAM. (GPRP) PROGRAM Q577, PROJECT 4610. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. JAN. 1970. CONTRACT NO. NAS9-5384. INCLUDES THE EARLIER DOCUMENT. TDR-2341 (EMSCAT) NRP600298
NR-P6-00-000-00303	PROGRAM DOCUMENTATION. PROGRAM TO QUANTIFY PHASE I TAPES FOR INPUT TO VIBANA AND VIBANA 3. (VIBPH1) PROGRAM Q556, PROJECT 4587. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. (AUGUST 1969) REVISED MARCH 1970. CONTRACT NO. NAS9-5384.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00304	BRM UPDATE PACKAGE - CONSISTING OF CHANGE H1 - 22 APRIL 1970 APOLLO APPLICATIONS PROGRAM BASELINE REFERENCE MISSION, AAP-1/AAP-2, AAP-3 AND AAP-4. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS.
NR-P6-GH-164-00305	90 DAY REPORT FOR MISSION 112, (OCTOBER 15-16, 1969) OVER EASTERN FLORIDA, SOUTH OF CAPE KENNEDY - CENTERED ON BOCA RATON, FLORIDA. DR. JAMES P. LATHAM, FLORIDA ATLANTIC UNIVERSITY, BOCA RATON, FLORIDA. MAY 1970.
NR-P6-00-000-00306	FILM SENSITOMETRIC CALIBRATION, PROCESSING, HANDLING, AND EQUIPMENT CAPABILITIES. DIVISION INTERNAL NOTE, REPORT NUMBER MSC-02439. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. MAY 4, 1970.
NR-P6-00-000-00307	COMPARATIVE ANALYSIS OF SO-246 AND TYPE IV-N SPECTROSCOPIC FILM FOR AERIAL INFRARED PHOTOGRAPHY. REPORT NO. DTR-70-11. KEVIN R. GILSON, DATA CORP., DAYTON, OHIO. APRIL 1970. CONTRACT NUMBER NAS 9-7003.
NR-P6-EJ-998-00309	REMOTE SENSING APPLICATIONS IN FORESTRY. QUARTERLY PROGRESS REPORT, JAN-MARCH 1970. R.N. COLWELL, R.C. ALDRICH, ET AL., UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB., BERKELEY, CALIFORNIA. CONTRACT NO. R-09-038-002.
NR-P6-EJ-003-00310	PROGRESS REPORT FROM MAY 1, 1970 - MAY 31, 1970. JACK QUADE, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. JUNE 1970. CONTRACT NUMBER NAS 9-7779.
NR-P6-FJ-149-00311	PRELIMINARY SCIENCE REPORT (90-DAY)-IMAGERY EVALUATION FOR THE NASA RB-57 FLIGHT, MISSION 101, OVER SITE 149, BLACK HILLS, SOUTH DAKOTA. ROBERT C. HELLER, U.S. FOREST SERVICE, BERKELEY, CALIFORNIA. MAY 11, 1969. CONTRACT NUMBER R-09-038-002.
NR-P6-BL-093-00312	INFORMAL LOG - MISSION 126 - PT. BARROW, ALASKA. APRIL 8-23, 1970. TECHNICAL MEMORANDUM 177-6. (90 DAY REPORT) G.A. BRADLEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC. ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. CONTRACT NUMBER NAS9-10261.
NR-P6-EJ-998-00320	EARTH RESOURCES PROGRAM GROUND TRUTH SESSION. FINAL REPORT, NOV. 1967. NASA/MSC, HOUSTON, TEXAS.
NR-P6-EJ-998-00323	NASA APOLLO 9 SO65 EXPERIMENT MULTISPECTRAL TERRAIN PHOTOGRAPHY - CO-INVESTIGATOR REPORT. EDWARD YOST, ROBERT ANDERSON, SONDRRA WENDEROTH, LONG ISLAND UNIVERSITY SCIENCE ENGINEERING RESEARCH GROUP, GREENVALE, NEW YORK. JAN. 1970. CONTRACT NO. NAS9-9341. NASA-CR-108562. NT1-12060. MICROFICHE AND HARD COPY.
NR-P6-GH-998-00324	RADAR SCATTEROMETER DATA VALIDATION. FINAL REPORT. KENNETH B. CRAIB, NASA/MSC, HOUSTON, TEXAS. MARCH 1968. REPORT NOS. NASA-TM-X-61291 AND MSC-CA-R-68-1. CONTRACT NO. NAS9-6400. STAR N68-36499. MICROFICHE AND HARD COPY.
NR-P6-JH-998-00325	FIELD CALIBRATION OF THE RS-14 DUAL-CHANNEL AIRBORNE INFRARED IMAGER. VICTOR S. WHITEHEAD, NASA/MSC, HOUSTON, TEXAS. APRIL 1970. REPORT NO. TM X-58042. STAR N70-29170.
NR-P6-FH-998-00327	EARTH RESOURCES SYNOPSIS OF ACTIVITY - MARCH 1970. NASA-S-70-12696-X. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-GJ-998-00333	MULTISPECTRAL FACILITY MAINTENANCE AND DATA COLLECTION - INFRARED AND OPTICS LABORATORY. MONTHLY REPORT FOR PERIOD JUNE 1970. PHILIP G. HASELL, JR., UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN, AND MARVIN R. HOLTER, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. CONTRACT NUMBER NAS 9-9304.
NR-P6-EJ-998-00334	INFRARED SPECTROMETRY STUDIES. LETTER PROGRESS REPORT NO. 9, 10, 11, 12 TO APRIL 1, MAY 1, JUNE 1, JULY 1, 1968. R.J.P. LYON, STANFORD UNIVERSITY, REMOTE SENSING LAB., STANFORD, CALIFORNIA. JULY 15, 1968. CONTRACT NUMBER NAS 9-7313.
NR-P6-FJ-076-00340	INFORMAL LOG - MISSION 130 - GARDEN CITY, KANSAS. CRES TECHNICAL MEMORANDUM 177-8. J.D. YOUNG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. MAY 1970. CONTRACT NUMBER NAS 9-10261.
NR-P6-GJ-998-00346	REMOTE MULTISPECTRAL SENSING IN AGRICULTURE, VOL. 1, NO. 4, 1969. LABORATORY FOR AGRICULTURAL REMOTE SENSING, PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA.
NR-P6-00-000-00347	AN ANALYSIS OF THE EFFECTS OF AIRCRAFT DRIFT ANGLE ON REMOTE RADAR SENSORS. CRES TECHNICAL REPORT 177-5. REPORT NO. MSC-03707. G.A. BRADLEY AND J.D. YOUNG, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. AUG. 1970. CONTACT NO. NAS 9-10261. REPRINTED DEC. 1970 AS MSC-03707, BY NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS.
NR-P6-FJ-076-00348	AN EVALUATION OF FINE RESOLUTION RADAR IMAGERY FOR MAKING AGRICULTURAL DETERMINATIONS. CRES TECHNICAL REPORT 177-7. S.A. MORAIN AND J. COINER, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. AUG. 1970. CONTRACT NO. NAS 9-10261. REPRINTED DEC. 1970 AS MSC-03708, BY NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS NASA-CR-115858. N71-15001
NR-P6-FJ-076-00349	INFORMAL LOG - MISSION 133, GARDEN CITY, KANSAS, SITE 076, JUNE 28, 1970/JULY 9, 1970. TECHNICAL MEMORANDUM 177-9. G.A. BRADLEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., REMOTE SENSING LAB., LAWRENCE, KANSAS. AUG. 1970. CONTRACT NO. NAS 9-10261.
NR-P6-DJ-998-00350	QUANTITATIVE EVALUATION OF MULTIBAND PHOTOGRAPHIC TECHNIQUES. INTERIM PROGRESS REPORT. DONALD T. LAUER AND ROBERT N. COLWELL, FORESTRY REMOTE SENSING LAB., SCHOOL OF FORESTRY AND CONSERVATION, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. APRIL 1970. CONTRACT NO. NAS 9-9577.
NR-P6-00-000-00351	STEPS CURRENTLY RECOMMENDED FOR A (STANDARD) CLASSIFICATION TASK. PURDUE UNIVERSITY, LABORATORY FOR APPLICATIONS OF REMOTE SENSING, WEST LAFAYETTE, IND. DEC. 1969.
NR-P6-HH-092-00352	PROPOSAL TO MAKE A COMPREHENSIVE EVALUATION OF FACTORS EFFECTING RESOLUTIONS OF BOTTOM FEATURES IN AERIAL PHOTOGRAPHY. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 1970
NR-P6-HH-092-00353	TEST PLAN FOR TEXTITE II MISSION. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 1970
NR-P6-HJ-086-00354	EARTH RESOURCES AIRCRAFT PROGRAM INVESTIGATION PLAN - SITE 86 - ARGUS ISLAND - RADAR SCATTEROMETRY, PASSIVE MICROWAVE RADIOMETRY, AND MULTISPECTRAL PHOTOGRAPHY APPLICATIONS TO SEA-STATE DETERMINATION. PRELIMINARY REPORT. NORMAN M. HATCHER, NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JANUARY 1970.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-GJ-000-00356	EFFECTS OF ORGANIC MATTER ON THE MULTISPECTRAL PROPERTIES OF SOILS. M.F. BAUMGARDNER, C.J. JOHANNSEN, ET AL., PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA. LARS INFORMATION NOTE 030570. AGRICULTURAL EXPERIMENT STATION JOURNAL NO. 3939. ALSO IN INDIANA ACADEMY OF SCIENCE. PROCEEDINGS FOR 1969, VOL. 79, 1970, PP.413-422.
NR-P6-00-000-00357	A STUDY OF THE ECONOMIC BENEFITS AND IMPLICATIONS OF SPACE STATION OPERATIONS. VOL. 1, SUMMARY, VOL. 2, COST/BENEFIT METHODOLOGY, VOL. 3, CASE STUDIES. ALLAN H. MUIR, PLANNING RESEARCH CORP., WASHINGTON, D.C. REPORT NO. PRC R-1218. CONTRACT NUMBER NASW-1604. JANUARY 1968.
NR-P6-00-000-00358	SOME NOTES ON USE OF PICTOUT PROGRAM. LARS INFORMATION NOTE 123068. ROGER M. HOFFER, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. 1968.
NR-P6-00-000-00359	AUTOMATIC CLASSIFICATION OF GREEN VEGETATION, SOIL AND WATER. LARS INFORMATION NOTE 102067. RESEARCH PROGRESS REPORT 310. PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. FEB. 1968.
NR-P6-00-000-00360	TRUCK INSTRUMENTATION AND CAPABILITIES. LARS INFORMATION NOTE 081467. PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND.
NR-P6-00-000-00361	SUMMARY OF SEMINAR-WORKSHOP ON REMOTE SENSING AND AGRICULTURAL DEVELOPMENT. LARS INFORMATION NOTE 120667. PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. JULY 1967.
NR-P6-00-000-00364	DOCUMENTATION OF ANALYSIS RESULTS. LARS INFORMATION NOTE 120668. PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. 1968.
NR-P6-00-000-00365	LARSYSAA, A PROCESSING SYSTEM FOR AIRBORNE-EARTH RESOURCES DATA. LARS INFORMATION NOTE 091968. D.A. LANDGREBE, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. 1968.
NR-P6-00-000-00366	PORTABLE PRECISION THERMISTOR THERMOMETER. LARS INFORMATION NOTE 072470. BARRET F. ROBINSON AND LEROY SILVA, PURDUE UNIVERSITY, LABORATORY FOR APPLICATIONS OF REMOTE SENSING, WEST LAFAYETTE, IND. 1970.
NR-P6-00-000-00367	A PRELIMINARY STUDY OF IMAGE QUALITY IMPROVEMENT THROUGH DATA PROCESSING. LARS INFORMATION NOTE 052770. JACK DERRY, PURDUE UNIVERSITY, LABORATORY FOR APPLICATIONS OF REMOTE SENSING, WEST LAFAYETTE, IND. 1970.
NR-P6-GJ-000-00368	PRELIMINARY MULTISPECTRAL STUDIES OF SOILS. LARS INFORMATION NOTE 043070. AGRICULTURAL EXPERIMENT STATION JOURNAL NO. 4042. DR. STEVAN J. KRISTOF, PURDUE UNIVERSITY, LABORATORY FOR APPLICATIONS OF REMOTE SENSING, WEST LAFAYETTE, IND. 1970.
NR-P6-DJ-998-00378	MULTISPECTRAL PHOTOGRAPHIC EXPERIMENTS BASED ON STATISTICAL ANALYSIS OF SPECTROMETRIC DATA. FINAL REPORT. REPORT NO. NASA CR-78256. ROBERT N. COLWELL, W.C. DRAEGER, ET AL, UNIVERSITY OF CALIFORNIA, SCHOOL OF FORESTRY, BERKELEY, CALIF. CONTRACT NO. NASA GRANT NGR-05-003-080. MICROFICHE COPY. X66-24196.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-EJ-998-00380	STATISTICAL EVALUATION OF THE COMPOSITION, PHYSICAL PROPERTIES, AND SURFACE CONFIGURATION OF TERRESTRIAL TEST SITES AND THEIR CORRELATION WITH REMOTELY-SENSED DATA. FINAL REPORT. NORTHWESTERN UNIVERSITY REPORT NO. 24. E.H. TIMOTHY WHITTEN AND WALTER A. BECKMAN, JR., NORTHWESTERN UNIVERSITY, EVANSTON, ILLINOIS. OCT. 1970. CONTRACT NO. NASA GRANT NGR-14-007-027.
NR-P6-HH-092-00381	NASA EARTH OBSERVATIONS SURVEY PROGRAM 90-DAY MISSION ANALYSIS REPORT. NASA/MSC MISSION 98, SITE 92, PUERTO RICO. REPORT NO. CRES TM 169-5. ROLAND D. MOWER, REMOTE SENSING LABORATORY, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. MARCH 1970. CONTRACT NOS. 160-75-01-32-10 AND 14-08-0001-12077.
NR-P6-EK-039-00382	90-DAY AIRCRAFT MISSION REPORT - BEARTOOTH MTS.; SITE 39 - MISSION 101. LAWRENCE C. ROWAN, U.S. GEOLOGICAL SURVEY, DENVER, COLORADO.
NR-P6-FJ-195-00383	NINETY-DAY MISSION REPORT TO NASA - MISSION 101 - SITE 195. THE REMOTE SENSING INSTITUTE, SOUTH DAKOTA STATE UNIVERSITY, BROOKINGS, SOUTH DAKOTA. CONTRACT NO. R-09-038-002.
NR-P6-GH-155-00384	FINAL REPORT ON MISSION 114 - FLOWN OVER SITE 155, NOVEMBER 17-20, 1969. KIRBY L. DRENNAN, U.S. DEPT OF THE INTERIOR, BUREAU OF COMMERCIAL FISHERIES - EXPLORATORY FISHING AND GEAR RESEARCH BASE, PASCAGOULA, MISS.
NR-P6-GJ-168-00385	PRELIMINARY SCIENCE REPORT ON MISSION 103, SITE 168 - JAMES RIVER ESTUARY PHASE.
NR-P6-DJ-211-00386	90-DAY NASA AIRCRAFT MISSION REPORT - TEST SITE 211- MISSION 123 - SAN FRANCISCO BAY, MARCH 10, 1970. PAUL R. CARLSON, U.S. GEOLOGICAL SURVEY, OFFICE OF MARINE GEOLOGY, MENLO PARK, CALIFORNIA.
NR-P6-HJ-151-00387	90-DAY AIRCRAFT MISSION REPORT - MISSION 121 - LONG ISLAND - SITE 151. E.J. PLUHOWSKI, U.S. GEOLOGICAL SURVEY, ARLINGTON, VIRGINIA.
NR-P6-FH-032-00388	90-DAY REPORT, MISSION 117, JAN. 7-8, 1970, SITE 32 - WESLACO. CRAIG L. WIEGAND, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS.
NR-P6-DJ-211-00389	90-DAY NASA AIRCRAFT MISSION REPORT, MISSION 123 - NASA TEST SITE 211, SAN FRANCISCO BAY, MARCH 10, 1970. PAUL R. CARLSON, U.S. GEOLOGICAL SURVEY, MENLO PARK, CALIFORNIA.
NR-P6-GJ-168-00390	NINETY-DAY PRELIMINARY SCIENTIFIC REPORT, MISSIONS 103 AND 104 - NASA TEST SITE 168, SEPT. 15, 1969. RICHARD R. ANDERSON, THE AMERICAN UNIVERSITY, WASHINGTON, D.C.
NR-P6-FJ-171-00391	90-DAY AIRCRAFT REPORT, TEST SITE 171, MISSION 115. DANIEL C. MAHL AND KARL W. RATZLAPF, U.S. GEOLOGICAL SURVEY, HOUSTON, TEXAS
NR-P6-FJ-149-00392	90-DAY PRELIMINARY SCIENCE REPORT FOR RB57F, MISSION 101 OVER NASA TEST SITE 149, BLACK HILLS, SOUTH DAKOTA, AUG. 8, 1969. WILLIAM J. CREA, JR., NASA MANNED SPACECRAFT CENTER, HOUSTON, TEXAS.
NR-P6-EJ-029-00393	90-DAY REPORT, MISSION 120 - NASA TEST SITE 029, FEBRUARY 1970. ROBERT H. ALEXANDER, U.S. DEPT. OF THE INTERIOR, WASHINGTON, D.C.
NR-P6-EJ-011-00395	PRELIMINARY EVALUATION OF DATA FROM EARTH RESOURCES AIRCRAFT MISSION 102 - SITE 011, YELLOWSTONE NATIONAL PARK, WYOMING. EDWARD R. COX, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C.



DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-HJ-188-00396	90-DAY REPORT ON DATA OBTAINED DURING NASA AIRCRAFT MISSIONS 103 AND 104, NASA TEST SITE 188. MAHLON G. KELLY, NEW YORK UNIVERSITY, BRONX, NEW YORK
NR-P6-EJ-185-00397	NASA-ERSP MISSION 101, NINETY-DAY DATA REPORT, NASA TEST SITE 185, AUGUST 11-12, 1969. J.R. FRAHM, MARTIN MARIETTA, DENVER, COLORADO.
NR-P6-GJ-044-00398	JUNE 25, 26, 1969 FLIGHT MISSION, TEST SITE 044, 90 DAY PRELIMINARY SCIENCE REPORT. LABORATORY FOR APPLICATIONS OF REMOTE SENSING, PURDUE UNIVERSITY, LAFAYETTE, INDIANA.
NR-P6-GH-998-00399	THE USE OF AERIAL PHOTOGRAPHY FOR STUDY OF COASTAL ENVIRONMENT AND ECOLOGY IN TURBID, TEMPERATE AREAS. MAHLON G. KELLY, NEW YORK UNIVERSITY, BRONX, NEW YORK. CONTRACT NO. N62306-70-A-0075003.
NR-P6-FJ-076-00400	EARTH RESOURCES SURVEY DATA HANDLING PLAN. PRELIMINARY DOCUMENT. NASA, EARTH OBSERVATIONS DIVISION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS, SEPT. 1970.
NR-P6-00-000-00403	NASA/MSC 16.5 GHZ SLAR COVERAGE GUIDE. REPORT NO. CRES TM 118-16. ROBERT L. WALTERS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. SEPT. 1969.
NR-P6-FJ-998-00404	THE UTILITY OF RADAR AND OTHER REMOTE SENSORS IN THEMATIC LAND USE MAPPING FROM SPACECRAFT, SECOND ANNUAL REPORT, COVERING PERIOD MAY 68-MAY 69. REPORT NO. CRES TR 117-4. DAVID S. SIMONETT, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. CONTRACT NO. USGS CONTRACT 14-08-0001-10848.
NR-P6-00-000-00405	AIRCRAFT SCANNER DATA OVERLAY PROJECT, STATUS REPORT. LARS INFORMATION NOTE 103068. PAUL E. ANUTA, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTS, INDIANA. 1968.
NR-P6-00-000-00406	EARTH RESOURCES REMOTE SENSING SYSTEMS. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. NOV. 1970.
NR-P6-FH-998-00407	SPECTRAL SURVEY OF IRRIGATED REGION CROPS AND SOILS. 1970 ANNUAL REPORT TO NASA, FOR THE PERIOD OCT. 1969-SEPT. 1970. REPORT NO. 70-2. U.S. DEPARTMENT OF AGRICULTURE, AGRICULTURAL RESEARCH SERVICE, SOIL AND WATER CONSERVATION RESEARCH DIV., WESLACO, TEXAS. NOV. 1970. CONTRACT NO. R-09-038-002.
NR-P6-FH-998-00408	EARTH RESOURCES AIRCRAFT PROGRAM, DATA REVIEW REPORT, MISSION NO. 91 (MEXICO). M. JAY HARNAGE, JR., INTERNATIONAL PROGRAMS MANAGER, EARTH RESOURCES OPERATIONS BRANCH, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JUNE 1969.
NR-P6-00-000-00409	MSC STATISTICAL AND WAVE ANALYSIS PROGRAM (VIBAN3). PROGRAM Q467. PROJECT 4587. COMPUTER PROGRAM ABSTRACT. LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS.
NR-P6-00-000-00410	VARIABLE BANDWIDTH DIGITAL FILTERING (EMFLT). PROGRAM Q554. PROJECT 4610. COMPUTER PROGRAM ABSTRACT. LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS.
NR-P6-GJ-998-00411	REMOTE SENSING APPLICATIONS IN FORESTRY. QUARTERLY PROGRESS REPORT, APRIL-JUNE 1970. R.C. HELLER, C.E. POULTON, ET AL., UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB., BERKELEY, CALIF. 1970. CONTRACT NO. R-09-038-02.



DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-GJ-190-00412	REMOTE SENSING OF CHANGES IN MORPHOLOGY AND PHYSIOLOGY OF TREES UNDER STRESS. ANNUAL PROGRESS REPORT. SEPT. 1969. CHARLES E. OLSON, JR., JENNIFER M. WARD, AND WAYNE G. RÖHDE, SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB., BERKELEY, CALIF. NASA-CR-113803, N70-41162
NR-P6-00-000-00413	PROGRAM DOCUMENTATION. EARTH RESOURCES PASSIVE MICROWAVE TAPE REFORMAT PROGRAM (MICWAV). PROGRAM Q600. PROJECT 4805. REPORT NO. TDR 2343. D.J. SULIK, DOYLE L. JOHNSON, ET AL., LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. DEC. 1969. CONTRACT NO. NAS 9-5384. OBSOLETE, CHANGES INCLUDED IN NRP600495.
NR-P6-00-000-00414	PROGRAM DOCUMENTATION. EARTH RESOURCES SCATTEROMETER TIME TABLE COMPUTATIONS PROGRAM. (GPTIME). PROGRAM Q617. PROJECT 4610. REPORT NO. TDR 2297. D.J. SULIK, DOYLE L. JOHNSON, ET AL., LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS. DEC 1969. CONTRACT NO. NAS 9-5384.
NR-P6-00-000-00416	THE SENSOR STATUS PROGRAM (SENSAT), PROGRAM SUMMARY. REPORT NO. TR L&C/HASD NO. 649.21.037. R.A. LIGONS, SR., LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS. AUG. 1970. CONTRACT NO. NAS 9-5191.
NR-P6-00-000-00417	PROPOSAL TO CONDUCT SEA STATE MEASUREMENTS WITH THE MDAC-WD RADIOMETER AND TO DETERMINE APPLICATION AND INSTRUMENT DESIGN REQUIREMENTS. REPORT NO. MDC G0565P. MCDONNELL DOUGLAS AERONAUTICS COMPANY, HUNTINGTON BEACH, CALIF. MAY 1970.
NR-P6-HJ-998-00418	SPACECRAFT OCEANOGRAPHY PROJECT, REVIEW OF NASA EARTH RESOURCES AIRCRAFT PROGRAM AND REMOTE SENSING EXPERIMENTS. U.S. NAVAL OCEANOGRAPHIC OFFICE. PHILCO-FORD CORP., PALO ALTO, CALIF. JAN. 1968.
NR-P6-DJ-998-00421	REMOTE SENSING APPLICATIONS IN FORESTRY. PROGRESS REPORT FOR THE PERIOD 1 OCT. 1967 TO 31 MARCH 1968. FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. CONTRACT NO. R-09-038-002.
NR-P6-DJ-998-00422	REMOTE SENSING APPLICATIONS IN FORESTRY. QUARTERLY PROGRESS REPORT FOR THE PERIOD APRIL 1, 1969 TO JUNE 30, 1969. FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA BERKELEY, CALIFORNIA. CONTRACT NO. R-09-038-002.
NR-P6-DK-998-00423	REMOTE SENSING APPLICATIONS IN FORESTRY. PROGRESS REPORT FOR THE PERIOD 1 OCT. 1968 TO 31 DEC. 1968. FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA. CONTRACT NO. R-09-038-002.
NR-P6-00-000-00424	EARTH RESOURCES AIRCRAFT PROJECT, MISSION REPORT, TAGU-SATO-KOSAKA COMET. NASA/MSC, EARTH RESOURCES OFFICE, HOUSTON, TEXAS. OCTOBER 1970.
NR-P6-GJ-998-00425	MULTISPECTRAL FACILITY MAINTENANCE AND DATA COLLECTION. MONTHLY REPORT FOR OCTOBER 1970. REPORT NO. 02599-20-L. PHILIP G. HASELL, JR., WILLOW RUN LABORATORIES, INFRARED AND OPTICS LABORATORY, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. CONTRACT NO. NAS9-9304.
NR-P6-GJ-998-00427	THE MEASUREMENT OF WATER DEPTH BY REMOTE SENSING TECHNIQUES. REPORT NO. 8973-26-F. F.C. POLCYN, W.L. BROWN, AND I.J. SATTINGER, INFRARED AND OPTICS LABORATORY, WILLOW RUN LABORATORIES, THE INSTITUTE OF SCIENCE AND TECHNOLOGY, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. OCT. 1970. CONTRACT NUMBER N62306-67-C-0243. AD-714001 MICROFICHE AND HARD COPY.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00429	RADAR SATELLITE OCEANOGRAPHY. FINAL REPORT ON CONTRACT N62306-70-A-0075 FOR THE PERIOD FROM JUNE 1969-TO JULY 1970. WILLARD J. PIERSON, JR., NEW YORK UNIVERSITY, DEPT. OF METEOROLOGY AND OCEANOGRAPHY, BRONX, N.Y., NOV. 1970, CONTRACT NO. N62306-70-A-0075.
NR-P6-HJ-998-00430	SPACECRAFT OCEANOGRAPHY PROJECT DOCUMENTATION STUDY. WILLIAM L. VEST, AND B.D. CLAGGETT, COMPUTER SCIENCES CORP., FALLS CHURCH, VA. NOV. 1970. CONTRACT NO. N62306-70-C-0149
NR-P6-00-000-00431	PRECISION MULTIBAND VIEWER STUDY. REPORT NO. SERG TR-14. JEROME LIBBY, AND EDWARD YOST, LONG ISLAND UNIVERSITY, SCIENCE ENGINEERING RESEARCH GROUP, GREENVALE, NEW YORK. 1970. CONTRACT NO. NAS9-9489.
NR-P6-GJ-998-00432	MULTISPECTRAL FACILITY MAINTENANCE AND DATA COLLECTION. MONTHLY REPORT FOR PERIOD NOVEMBER 1970. REPORT NO. 02599-21-L. PHILIP G. HASELL, JR., UNIVERSITY OF MICHIGAN, WILLOW RUN LABORATORIES, INFRARED AND OPTICS LABORATORY, ANN ARBOR, MICHIGAN. DEC. 1970, 4P. CONTRACT NO. NAS9-9304
NR-P6-GJ-250-00433	SOUTHERN CORN LEAF BLIGHT. STATUS REPORT. REPORT NO. LARS INFORMATION NOTE 083170. LABORATORY FOR APPLICATIONS OF REMOTE SENSING, PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA, AUG. 31, 1970, 16P.
NR-P6-GJ-250-00434	SOUTHERN CORN LEAF BLIGHT. STATUS REPORT NO. 2. REPORT NO. LARS INFORMATION NOTE 091170. LABORATORY FOR APPLICATIONS OF REMOTE SENSING, PURDUE UNIV., WEST LAFAYETTE, INDIANA. SEPT. 11, 1970, 14P.
NR-P6-GJ-167-00436	MULTISPECTRAL DATA ANALYSIS. FINAL REPORT. REPORT NOS. NASA-CR-86409, AND BSR-2941. DAVID S. HANSON, AND DAVID R. MORGANSTEIN, BENDIX CORP., AEROSPACE SYSTEMS DIVISION, ANN ARBOR, MICHIGAN. MAY 1970, 129P. MICROFICHE AND HARD COPY. CONTRACT NO. NAS12-2123. N70-30925
NR-P6-DJ-007-00440	SITE 7 - COAST RANGE OREGON/WASHINGTON. PRELIMINARY SCIENCE REPORT. REPORT NO. MSC-03701. OREGON STATE UNIVERSITY, DEPARTMENT OF OCEANOGRAPHY, CORVALLIS, OREGON. NOV. 1970, 43P.
NR-P6-FJ-076-00441	NASA EARTH OBSERVATION SURVEY PROGRAM 90-DAY MISSION REPORT-MISSION 133, GARDEN CITY, KANSAS, SITE 76. DATE OF FLIGHT - JULY 9, 1970. REPORT NO. CRES TM-177-15. WILLIAM O. LOCKMAN, L. THOMAS JAMES, AND JERRY C. COINER, UNIVERSITY OF KANSAS/CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. DEC. 1970, 16P. CONTRACT NO. NAS9-10261.
NR-P6-DK-000-00442	A SYSTEMS ANALYSIS OF APPLICATIONS OF EARTH ORBITAL SPACE TECHNOLOGY TO SELECTED CASES IN WATER MANAGEMENT AND AGRICULTURE. VOL. 1 - TECHNICAL SUMMARY. REPORT NO. PRC R-1224. PLANNING RESEARCH CORPORATION, LOS ANGELES, CALIF., WASHINGTON, D.C. REVISED NOV. 1969, 61P. CONTRACT NO. NASW-1816.
NR-P6-DK-000-00443	A SYSTEMS ANALYSIS OF APPLICATIONS OF EARTH ORBITAL SPACE TECHNOLOGY TO SELECTED CASES IN WATER MANAGEMENT AND AGRICULTURE. VOLUME 2 - TECHNICAL REPORT. REPORT NO. PRC R-1224. PLANNING RESEARCH CORPORATION, LOS ANGELES, CALIF., WASHINGTON, D.C. REVISED NOV. 1969, 326P. CONTRACT NO. NASW-1816.
NR-P6-DK-000-00444	A SYSTEMS ANALYSIS OF APPLICATIONS OF EARTH ORBITAL SPACE TECHNOLOGY TO SELECTED CASES IN WATER MANAGEMENT AND AGRICULTURE. VOLUME 2 - TECHNICAL REPORT - APPENDIXES. REPORT NO. PRC R-1224. PLANNING RESEARCH CORPORATION, LOS ANGELES, CALIF., WASHINGTON, D.C. REVISED NOV. 1969, 560P. CONTRACT NO. NASW-1816.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00445	PROGRAM DOCUMENTATION. MSC STATISTICAL AND WAVE ANALYSIS PROGRAM (VIBAN3). PROGRAM Q467, PROJECT 4700A. REPORT NO. DPD 0036. JACK D. MCHRYDE, JACK I. PICKREN, J.D. GARRETT, AND J.L. FISHER, LOCKHEED ELECTRONICS COMPANY, HOUSTON AEROSPACE SYSTEMS, HOUSTON, TEXAS. REVISED JUNE 1970, 312P.
NR-P6-DJ-998-00447	ANALYSIS OF REMOTE SENSING DATA FOR RANGE RESOURCE MANAGEMENT. ANNUAL PROGRESS REPORT. DAVID M. CARNEGIE, FORESTRY REMOTE SENSING LABORATORY, UNIV. OF CALIFORNIA, BERKELEY, SEPT. 1968. 66P.
NR-P6-DJ-049-00448	THE APPLICATION OF REMOTE SENSING TO THE INVENTORY OF LIVESTOCK AND IDENTIFICATION OF CROPS. FINAL REPORT. EDWIN H. ROBERTS, AND ROBERT N. COLWELL, UNIVERSITY OF CALIFORNIA, SCHOOL OF FORESTRY AND CONSERVATION, BERKELEY, CALIF. SEPT. 1968. 54P.
NR-P6-GJ-239-00449	SIMULATION STUDIES OF THE ERTS A AND B DATA. 90 DAY REPORT ON NASA OVERFLIGHT 6 JULY 1970, SITE 239--LAKE ONTARIO. C.D. LONG, PROJECTS OFFICER, CARED PROJECT NO. 154, CENTRE FOR APPLIED RESEARCH AND ENGINEERING DESIGN INC., MCMASTER UNIVERSITY, HAMILTON, ONTARIO, CANADA. DEC. 17, 1970, 4P. CONTRACT NO. USGS CONTRACT 14-08-0001-12654.
NR-P6-GJ-998-00450	EXPERIMENTAL APPLICATIONS OF MULTISENSOR DATA TO NATURAL RESOURCE INVENTORY AND SURVEY. A STATUS REPORT OF RESEARCH PERFORMED ON NASA EARTH RESOURCES AIRCRAFT PROGRAM MISSIONS 104, 115, 136. HARRY J. MALLON, PRINCIPAL INVESTIGATOR, OFFICE OF EMERGENCY PREPAREDNESS (NRAC), EXECUTIVE OFFICE OF THE PRESIDENT, WASHINGTON, D.C. NOV. 12, 1970, 38P.
NR-P6-00-000-00451	SYNOPSIS OF THE FINAL REPORT ON RADSCAT. GENERAL ELECTRIC COMPANY, SPACE SYSTEMS ORGANIZATION, PHILADELPHIA, PENNSYLVANIA. DEC. 1970, 16P. CONTRACT NUMBER N62306-70-C-0304.
NR-P6-HJ-086-00452	COMPOSITE MICROWAVE RADIOMETER-SCATTEROMETER (RADSCAT) TEST FLIGHTS OF FEBRUARY-MARCH 1970. FINAL REPORT. REPORT NO. 70SD4290. GENERAL ELECTRIC COMPANY, SPACE SYSTEMS ORGANIZATION, PHILADELPHIA, PENNSYLVANIA, AUG. 1970, 51P. CONTRACT NO. N-62306-70-C-0304.
NR-P6-00-000-00453	MULTIFREQUENCY MICROWAVE RADIOMETER CALIBRATION SUMMARY AND PROGRAMMED INPUTS. REPORT NO. TR-LEC/HASD NO. 649D.21.043. R.A. LIGONS, SR., AND R.A. MENNELLA, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. JAN. 1971, 37P. CONTRACT NO. NAS9-10950.
NR-P6-00-000-00454	MICROWAVE RADIOMETER DATA STUDY. AN ANALYSIS OF SYSTEM ACCURACY, EXCLUDING ATMOSPHERIC AND ANTENNA PATTERN EFFECTS, ADDENDUM A TO PHASE 1 REPORT. REPORT NOS. NASA-CR-108567, AND SD-1344R-1-ADD-A. AERJET-GENERAL CORP., MICROWAVE DEPT., EL MONTE, CALIF., AUG. 1969, 10P. CONTRACT NO. NAS9-9363. N70-34435
NR-P6-00-000-00455	MICROWAVE RADIOMETER DATA STUDY, PHASE 2. FINAL TECHNICAL REPORT, OCT. 69-MAY 70. REPORT NOS. NASA-CR-108561, AND REPT-1344R-2. A.T. EDGERTON, AERJET-GENERAL CORP., EL MONTE, CALIF., JUNE 1970, 98P. CONTRACT NO. NAS9-9363. N70-34027
NR-P6-GJ-998-00456	MULTISPECTRAL FACILITY MAINTENANCE AND DATA COLLECTION. MONTHLY REPORT FOR PERIOD DEC. 1970. REPORT NO. 02599-22-L. PHILIP G. HASELL, RESEARCH ENGINEER, UNIVERSITY OF MICHIGAN, WILLOW RUN LABORATORIES, INFRARED AND OPTICS LABORATORY, ANN ARBOR, MICH., 4 JAN. 1971, 4P. CONTRACT NO. NAS9-9304.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-FJ-085-00460	NASA EARTH RESOURCES SURVEY PROGRAM 90-DAY MISSION ANALYSIS REPORT, NASA/MSC MISSION 74, SITE 85, LAWRENCE, KANSAS. REPORT NO. CRES TM 118-11. ROBERT L. WALTERS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. SEPT. 1968. CONTRACT NOS. NAS9-7175, AND USGS CONTRACT 14-08-0001-10848.
NR-P6-FJ-085-00461	NASA EARTH RESOURCES SURVEY PROGRAM 90-DAY MISSION ANALYSIS REPORT, NASA/MSC MISSION 61, SITE 85, LAWRENCE, KANSAS. REPORT NO. CRES TM 118-10. ROBERT L. WALTERS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS, SEPT. 68. CONTRACT NOS. NAS9-7175, AND USGS CONTRACT 14-08-0001-10848.
NR-P6-LL-166-00462	NASA EARTH RESOURCES SURVEY PROGRAM 90-DAY MISSION ANALYSIS REPORT, NASA/MSC MISSION 70, SITE 166, ICELAND. REPORT NO. CRES TM 118-8. W.P. WAITE AND R.L. WALTERS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS, AUGUST 1968. CONTRACT NOS. NAS9-7175, AND NOO N62306-67-C-0044.
NR-P6-FJ-085-00463	GROUND TRUTH MEASUREMENTS PERFORMED AT SITE 85, LAWRENCE, KANSAS, IN SUPPORT OF NASA EARTH RESOURCES PROGRAM AIRCRAFT MISSIONS 102, 105, AND 106. REPORT NO. CRES TM 169-2. D.E. SCHWARZ, W.G. BROONER, AND C.R. WOOD, REMOTE SENSING LAB., UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS, OCT. 1969. CONTRACT NO. 14-08-0001-12077.
NR-P6-FJ-998-00464	EARTH RESOURCES OBSERVATION SYSTEMS ANNUAL REPORT TO THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, FISCAL YEAR 1970. U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C., NOV. 1970. 1 LOOSELEAF VOL. OF 380P. AND 2 POCKETS OF FOLDED MAPS.
NR-P6-GJ-998-00466	MULTISPECTRAL FACILITY MAINTENANCE AND DATA COLLECTION. MONTHLY REPORT FOR PERIOD SEPTEMBER 1970. REPORT NO. 02599-19-L. PHILIP G. HASELL, JR., RESEARCH ENGINEER, INFRARED AND OPTICS LABORATORY, WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. OCT. 1, 1970.
NR-P6-EJ-998-00467	REMOTE SENSING AGRICULTURE, EARTH RESOURCES, AND MANS ENVIRONMENT. LABORATORY FOR APPLICATIONS OF REMOTE SENSING, PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA, 1971, 22P.
NR-P6-BL-093-00468	MISSION 126, 90-DAY REPORT, PT. BARROW, ALASKA, APRIL 1970. REPORT NO. CRES TM-177-14. G.A. BRADLEY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANS. DEC. 1970, 9P. CONTRACT NO. NAS9-10261.
NR-P6-FJ-149-00469	90-DAY PRELIMINARY SCIENCE REPORT - MISSION 101 - TEST SITE 149, BLACK HILLS AREA. LABORATORY FOR APPLICATIONS OF REMOTE SENSING, PURDUE UNIV., LAFAYETTE, INDIANA, JUNE 26, 1970, 8P.
NR-P6-GJ-044-00470	90-DAY PRELIMINARY SCIENCE REPORT, FLIGHT MISSION SITES 112 AND 116, OCT. 7 AND DEC. 4, 1969. LABORATORY FOR APPLICATIONS OF REMOTE SENSING, PURDUE UNIV., LAFAYETTE, INDIANA. MAY 20, 1970, 10P.
NR-P6-GJ-044-00471	90-DAY PRELIMINARY SCIENCE REPORT - TEST SITE 44, JUNE 25, 26, 1969 FLIGHT MISSION. LABORATORY FOR APPLICATIONS OF REMOTE SENSING, PURDUE UNIV., LAFAYETTE, INDIANA. JULY 6, 1970, 11P.
NR-P6-FJ-213-00472	90-DAY REPORT FOR MISSION 123, SITE 213. C.M. CHESNUTWOOD, GEOSCIENCES, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS, JULY 1, 1970, 9P.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-GJ-244-00473	GROUND TRUTH OBSERVATIONS AND DATA, SUMMARY, PROCEDURES AND NOTES. NASA MISSION 144, SITE 244, CHESAPEAKE BAY - PAMLICO SOUND REGION, SEPT. 22-30, 1970. VIRGINIA INSTITUTE OF MARINE SCIENCE, GLOUCESTER POINT, VA., DEC. 15, 1970, 29P.
NR-P6-00-000-00474	GROUND DATA-HANDLING SYSTEM STUDY FOR THE EARTH RESOURCES OBSERVATION SATELLITE. PHASE I. FINAL REPORT. REPORT NOS. AED-R-3408, AND USGS-DO-70-001. H. GURK, P. WOOD, AND C. SMITH, RCA DEFENSE ELECTRONIC PRODUCTS, ASTRO ELECTRONICS DIV., PRINCETON, N.J., DEC. 1968, 99P. CONTRACT NO. DI-14-08-0001-11430. PB-193829
NR-P6-EJ-998-00475	GROUND DATA-HANDLING SYSTEM STUDY FOR THE EARTH RESOURCES OBSERVATION SATELLITE. PHASE II - USER DATA PROCESSING REQUIREMENTS. FINAL REPORT. REPORT NOS. AED-R-3515, AND USGS-DO-70-002. H. GURK, P. WOOD, AND C. SMITH, RCA DEFENSE ELECTRONIC PRODUCTS, ASTRO ELECTRONICS DIVISION, PRINCETON, NEW JERSEY, NOV. 1969, 132P. CONTRACT NO. DI-14-08-0001-11915. PB-193666 N71-11594
NR-P6-00-000-00476	STUDY OF ANTENNA PATTERNS AND PARAMETRIC EVALUATION FOR 13.3 GHZ SINGLE POLARIZATION RADAR SCATTEROMETER. REPORT NO. TR-LEC/HASD NO. 649D.21.030. NICK VLAHOS, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS, NOV. 1970, 240P. CONTRACT NO. NAS9-10950.
NR-P6-EJ-998-00477	ELECTRONIC DATA STATUS FOR 1969-1970. REPORT NO. TR-LEC/HASD NO. 649D.21.044. R.A. LIGONS, SR., LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. JAN. 1970, 18P. CONTRACT NO. NAS9-10950.
NR-P6-00-000-00481	EXPERIMENT REQUIREMENTS DOCUMENT FOR 10 BAND MULTISPECTRAL SCANNER, EXPERIMENT S192. REPORT NO. MSC-01178. NASA, MANNED SPACECRAFT CENTER, SKYLAB PROGRAM, HOUSTON, TEXAS. MARCH 1970, 55P. MICROFICHE COPY. (NASA) W70-10638
NR-P6-00-000-00482	LINCOLN LABORATORY LASER RADAR PROGRAM. INTERIM REPORT. REPORT NO. PROJECT REPORT AP-42 (APOLLO). A.A. GALVIN, G.F. DALRYMPLE, M.E. AUSTIN, B.S. GOLDSTEIN, ET AL., MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LINCOLN LABORATORY, LEXINGTON, MASS. DEC. 1964, 102P. CONTRACT NO. NAS9-105.
NR-P6-GF-851-00484	PERUVIAN EARTHQUAKE DAMAGE ASSESSMENT. EARTH RESOURCES AIRCRAFT PROGRAM MISSION 148, JULY 31, 1970. DAVID L. AMSBURY, GEOSCIENCES SECTION, EARTH OBSERVATIONS DIVISION, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 1970, MANUSCRIPT IN LOOSELEAF BINDER, 41P.
NR-P6-00-000-00485	NASA/MSC EARTH RESOURCES SPECTRAL INFORMATION SYSTEM PROCEDURES MANUAL. REPORT NO. 3165-32-T. DIANNE L. EARING, VIRGINIA W. LEEMAN, INFRARED AND OPTICS LABORATORY, WILLOW RUN LABORATORIES, UNIV. OF MICHIGAN, ANN ARBOR, MICHIGAN. N.D. (RECD. MARCH 71), 156P. CONTRACT NO. NAS9-9784.
NR-P6-00-000-00486	A PROPOSAL FOR A PILOT STUDY OF PLANT DISTRESS FINGERPRINTING. (UNOFFICIAL PLAN, UNPUBLISHED) FORREST G. HALL, AND DAVID E. PITTS, NASA, EARTH OBSERVATIONS DIVISION, HOUSTON, TEXAS. AUG. 1970, 16P.
NR-P6-FH-158-00488	CORPUS CHRISTI, TEXAS, HURRICANE CELIA - 3 AUGUST 1970, IMAGE ANALYSIS DAMAGE ASSESSMENT. NASA, MANNED SPACECRAFT CENTER, EARTH OBSERVATIONS DIVISION, MISSION SUPPORT AND IMAGE INTERPRETATION OFFICE, HOUSTON, TEXAS. SEPT. 1970, 4P. AND 18 COLOR PHOTOS IN LOOSELEAF BINDER.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00489	PROJECT THEMIS - A CENTER FOR REMOTE SENSING. SEMI-ANNUAL TECHNICAL REPORT, NO. 5, SEPT. 69-MARCH 70. REPORT NO. CRES TR-133-14. F.T. ULABY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANS. MARCH 1970, 202P. CONTRACT NO. DAAK02-68-C-0089. MICROFICHE AND HARD COPY. AD-869511
NR-P6-LL-166-00490	PROJECT THEMIS - A CENTER FOR REMOTE SENSING. SEMI-ANNUAL TECHNICAL REPORT, 3RD, OCT. 68-MARCH 69. REPORT NO. CRES TR 133-7. F.T. ULABY, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. MARCH 1969, 189P. CONTRACT NOS. DAAK02-68-C-0089, AND ARPA ORDER-1079. MICROFICHE AND HARD COPY. AD-853884
NR-P6-00-000-00491	PROGRAM DOCUMENTATION. SCATTEROMETER FILTER PROGRAM (FIL13). PROGRAM Q605. PROJECT 4610. REPORT NO. TDR-2382. M.G. HERNANDEZ, DOYLE L. JOHNSON, ET AL., LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS. FEB. 1970, 130P. CONTRACT NO. NAS9-5384.
NR-P6-00-000-00492	PROGRAM DOCUMENTATION. GUIDANCE AND NAVIGATION DATA AVERAGING PROGRAM FOR EARTH RESOURCES (ASQAVE). PROGRAM Q644. PROJECT 4699. REPORT NO. DPD-0043. YVONNE CEMPINSKI, JACK I. PICKREN, ET AL., LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS. JUNE 1970, 95P. CONTRACT NO. NAS9-5384.
NR-P6-00-000-00493	PROGRAM DOCUMENTATION. GUIDANCE AND NAVIGATION RATE PROGRAM FOR EARTH RESOURCES (ASQRAT). PROGRAM Q636. PROJECT 4699. REPORT NO. DPD-0064. YVONNE CEMPINSKI, JACK I. PICKREN, ET AL., LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS. AUG. 1970, 60P. CONTRACT NO. NAS9-5384.
NR-P6-00-000-00495	PROGRAM DOCUMENTATION. EARTH RESOURCES MICROWAVE RADIOMETER CALIBRATION PROGRAM (MMCAL). PROGRAM Q627. PROJECT 4605. REPORT NO. TDR-2440. GERALD E. HUBACEK, DOYLE L. JOHNSON, ET AL., LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS. APRIL 1970, 99P. CONTRACT NO. NAS9-5384. CONTAINS CHANGED PARTS OF EARLIER DOCUMENT TDR-2343 (MICWAV)-NRP600413.
NR-P6-00-000-00496	MULTISPECTRAL RECOGNITION TECHNIQUES - PRESENT STATUS AND A PLANNED HYBRID RECOGNITION SYSTEM. R.E. MARSHALL, F.J. KRIEGLER, WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. (N.D. 1970), 22P. CONTRACT NO. NAS9-9784.
NR-P6-EJ-998-00497	A VEGETATIONAL INVENTORY AND ECOLOGICAL RESOURCE ANALYSIS FROM SPACE AND HIGH FLIGHT PHOTOGRAPHY. CHARLES E. POULTON, DAVID P. FAULKNER, AND BARRY J. SCHRUMPF, OREGON STATE UNIVERSITY, DEPT. OF RANGE MANAGEMENT, CORVALLIS, OREGON. 14P. PRESENTED AT EARTH RESOURCES PROGRAM REVIEW, 3RD ANNUAL, NASA, HOUSTON, TEXAS. DEC. 3, 1970, 14P.
NR-P6-LL-166-00498	INFORMAL LOG, MISSION 156 - JOSS II, NORTH ATLANTIC OCEAN - SITE 166, FEB. 8-19, 1971. REPORT NO. CRES TM 177-17. G.A. BRADLEY, REMOTE SENSING LABORATORY, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. MARCH 1971, 12P. CONTRACT NO. NAS9-10261.
NR-P6-00-000-00499	SOME NEEDS FOR EXPANDING AGRICULTURAL REMOTE SENSING RESEARCH. J. RALPH SHAY, DEPT. OF BOTANY, PURDUE UNIVERSITY, LAFAYETTE, INDIANA. IN PROCEEDINGS OF THE FOURTH SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, ANN ARBOR, MICH., APRIL 1966. PP.33-36. N67-13467

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-EJ-210-00501	ANALYSIS OF DIGITALLY-RECONSTITUTED SO-65 IMAGERY. REPORT NO. S.I. 300,068. STAFF OF THE GROUND DATA HANDLING SYSTEMS SECTION, FAIRCHILD CAMERA AND INSTRUMENT CORP., FAIRCHILD SPACE AND DEFENSE SYSTEMS DIV., SYOSSET, N.Y. AUG. 1970, 23P.
NR-P6-00-000-00502	CORRELATION STUDIES (GRID OVERLAY EXPERIMENTAL PROGRAM). REPORT NO. ED-AU-17. ROBERT P. WAKEMAN, FAIRCHILD CAMERA AND INSTRUMENT CORP., FAIRCHILD SPACE AND DEFENSE SYSTEMS DIV., SYOSSET, N.Y. SEPT. 1970, 29P.
NR-P6-00-000-00503	AUTOMATIC DATA CORRELATION SYSTEM STUDY. FINAL REPORT, JULY 69-JUNE 70. VOLUME I - PROGRAM SUMMARY. FAIRCHILD CAMERA AND INSTRUMENT CORP., FAIRCHILD SPACE AND DEFENSE SYSTEMS DIV., SYOSSET, N.Y. JULY 1970, 56P. CONTRACT NO. NAS9-9842.
NR-P6-00-000-00504	AUTOMATIC DATA CORRELATION SYSTEM. FINAL REPORT, JULY 69-JUNE 70. VOLUME II - SYSTEM DESIGN. FAIRCHILD CAMERA AND INSTRUMENT CORP., FAIRCHILD SPACE AND DEFENSE SYSTEMS DIV., SYOSSET, N.Y. JULY 1970, 297P. CONTRACT NO. NAS9-9842.
NR-P6-EJ-998-00505	SKY LAB A - EARTH RESOURCES DISCIPLINE/EXPERIMENT LIST (PRELIMINARY). NASA, MANNED SPACECRAFT CENTER, EARTH OBSERVATIONS DIV., MISSION SUPPORT OPERATIONS AND IMAGE ANALYSIS GROUP, HOUSTON, TEXAS. DEC. 1970, 51P.
NR-P6-GJ-044-00506	NASA AIRCRAFT DATA REPORT - MISSION 52 (JUNE 27-29, 1967), AND MISSION 54 (AUGUST 3-4, 1967). ROGER M. HOFFER, PURDUE UNIVERSITY, APPLIED ELECTRONICS RESEARCH LABORATORY, WEST LAFAYETTE, INDIANA. N.D. (1968), 23P.
NR-P6-EJ-185-00507	NASA MISSION 105, FLIGHT 5. SUMMARY REPORT. R. BINIKI, J. GLIOZZI, R. HOLSTRUM, ET AL., COLORADO SCHOOL OF MINES, DEPT. OF GEOLOGY, BONANZA REMOTE SENSING PROJECT, GOLDEN, COLO. JAN. 1971, 56P. FOLDED MAP IN POCKET. CONTRACT NO. NASA GRANT NGL 06-001-015.
NR-P6-FJ-998-00508	THE USE OF AN AERIAL PHOTOGRAPHIC SURVEY IN POST TORNADO RELIEF ACTIVITIES (MISSISSIPPI TORNADO - FEBRUARY 21, 1971). NASA, EARTH RESOURCES LABORATORY AT THE MISSISSIPPI TEST FACILITY, BAY ST. LOUIS, MISS. MARCH 1971, 12P.
NR-P6-00-000-00509	A STUDY TO DEFINE A SCATTEROMETER DATA PREPROCESSING SYSTEM. FINAL REPORT. REPORT NOS. REPT-74267-1, AND NASA-CR-108638. R.E. CHAPMAN, AND P.J. JANZA, RYAN AERONAUTICAL CO., SAN DIEGO, CALIF. JULY 1970, 277P. CONTRACT NO. NAS9-9723. MICROFICHE COPY. N70-42370
NR-P6-00-000-00510	PASSIVE MICROWAVE OBSERVATIONS OVER THE OCEANS. REPORT NO. NASA-CR-111105. LEE UMPHRESS MARTIN (M.S. THESIS), UNIV. OF WASHINGTON, DEPT. OF ATMOSPHERIC SCIENCES, SEATTLE, WASH. AUG. 1970, 99P. CONTRACT NO. GRANT NGR-48-002-009. MICROFICHE COPY. N71-10354
NR-P6-GH-128-00511	RESULTS OF OVERFLIGHTS OF CHEVRON OIL SPILL IN GULF OF MEXICO. FINAL REPORT. CLARENCE E. CATOE, COAST GUARD, APPLIED TECHNOLOGY DIV., WASHINGTON, D.C. AUG. 1970, 21P. MICROFICHE COPY. AD-714681
NR-P6-GJ-998-00512	AGRICULTURAL APPLICATIONS AND REQUIREMENTS PROGRAMS. QUARTERLY PROGRESS REPORT, 3RD, 1 APR.-30 JUNE 1969. REPORT NOS. NASA-CR-110780, AND OPR-3. PURDUE UNIVERSITY, LABORATORY FOR APPLICATIONS OF REMOTE SENSING, LAFAYETTE, IND. 1969, 81P. CONTRACT NOS. NASA ORDER W12-996, AND USDA-12-14-100-9549(20). MICROFICHE COPY. N70-42235

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00514	EARTH OBSERVATION AIRCRAFT-SENSOR SYSTEMS FACILITY OF THE MANNED SPACECRAFT CENTER. VOLUME 1 PRELIMINARY - NASA 927 (NP3A) AIRCRAFT SENSOR SYSTEM FACILITY. LOCKHEED ELECTRONICS COMPANY, AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. DEC. 1970, 214P.
NR-P6-00-000-00515	EARTH OBSERVATIONS AIRCRAFT FACILITY OF THE MANNED SPACECRAFT CENTER. VOLUME 2 PRELIMINARY - NASA 929 (NC130B) AIRCRAFT SENSOR SYSTEM FACILITY. REPORT NO. OQ2024. LOCKHEED ELECTRONICS COMPANY, AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. DEC. 1970, 201P.
NR-P6-00-000-00516	UNISTAR - USER NETWORK FOR INFORMATION STORAGE, TRANSFER, ACQUISITION, AND RETRIEVAL. FINAL REPORT. REPORT NO. NASA-CR-61333. AUBURN UNIVERSITY, SCHOOL OF ENGINEERING, AUBURN, ALABAMA. OCT. 1970, 312P. CONTRACT NO. GRANT NGT-01-003-044. MICROFICHE AND HARD COPY. N71-10806
NR-P6-00-000-00517	MACKAY SCHOOL OF MINES PROGRESS REPORT, JAN. 1 TO 31, 1971. JACK QUADE, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. 3P. CONTRACT NO. NAS9-7779.
NR-P6-00-000-00518	NASA-MSC EARTH RESOURCES AIRCRAFT PERFORMANCE PARAMETERS. LOCKHEED ELECTRONICS COMPANY, EARTH OBSERVATIONS DEPT., HOUSTON, TEXAS. N.D. 6P.
NR-P6-00-000-00519	PCM TELEMETRY FOR EARTH RESOURCES AIRCRAFT. END ITEM TEST REPORT, CONTRACT ITEM NO. 1. REPORT NOS. NASA-CR-108700, AND MCR-69-286. DUANE L. STARNER, MARTIN MARIETTA CORP., DENVER, COLO. JUNE 1969, 76P. CONTRACT NO. NAS9-8146. MICROFICHE AND HARD COPY. N71-13474
NR-P6-00-000-00520	PCM TELEMETRY FOR EARTH RESOURCES AIRCRAFT. END ITEM TEST REPORT - CONTRACT ITEM NUMBERS 2, 3, AND 7. REPORT NOS. NASA CR-108701, AND MCR-69-376. DUANE L. STARNER, MARTIN MARIETTA CORP., DENVER, COLO. JULY 1969, 7P. CONTRACT NO. NAS9-8146. MICROFICHE COPY. N71-13477
NR-P6-00-000-00521	SIGNATURE DATA PROCESSING STUDY. FINAL REPORT, PRESENTATION VUE-GRAPHS. BENDIX CORP., AEROSPACE SYSTEMS DIVISION, ANN ARBOR, MICHIGAN. FEB. 1971, 45P.
NR-P6-00-000-00522	SIGNATURE DATA PROCESSING STUDY. VOLUME 1 - SUMMARY. FINAL REPORT. REPORT NO. NASA-CR-108760. CHERYL L. CRAWFORD, ROBERT H. DYE, AND DAVID S. HANSON, BENDIX CORP., AEROSPACE SYSTEMS DIV., ANN ARBOR, MICHIGAN. AUG. 1970, 213P. CONTRACT NO. NAS9-9848. MICROFICHE COPY. N71-12508
NR-P6-00-000-00523	SIGNATURE DATA PROCESSING STUDY. VOLUME 2 - EVALUATIONS AND FLOW DIAGRAMS. FINAL REPORT. REPORT NO. NASA-CR-108761. CHERYL L. CRAWFORD, AND DAVID S. HANSON, BENDIX CORP., AEROSPACE SYSTEMS DIV., ANN ARBOR, MICHIGAN. AUG. 1970, 128P. CONTRACT NO. NAS9-9848. MICROFICHE COPY. N71-12509
NR-P6-00-000-00524	SIGNATURE DATA PROCESSING STUDY. VOLUME 3 - ENGINEERING SPECIFICATIONS. FINAL REPORT. REPORT NO. NASA-CR-108762. KENNETH J. BRENDA, DAVID R. MORGANSTEIN, AND DAVID S. HANSON, BENDIX CORP., AEROSPACE SYSTEMS DIV., ANN ARBOR, MICHIGAN. AUG. 1970, 31P. CONTRACT NO. NAS9-9848. MICROFICHE COPY. N71-12510
NR-P6-FJ-195-00525	PATTERN RECOGNITION AT SOUTH DAKOTA STATE UNIVERSITY. GERALD D. NELSON, REMOTE SENSING INSTITUTE, SOUTH DAKOTA STATE UNIVERSITY, BROOKINGS, S.D. JAN. 1971, 36P. CONTRACT NOS. 12-14-100-10291(20), AND R-09-038-002.



DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-FJ-195-00526	REMOTE SENSING FOR DETECTION OF SOIL LIMITATIONS IN AGRICULTURAL AREAS. C.J. FRAZEE, R.D. HEIL, F.C. WESTIN, PLANT SCIENCE DEPT., SOUTH DAKOTA STATE UNIVERSITY, BROOKINGS, S.D. JAN. 1971, 24P. PRESENTED AT EARTH RESOURCES AIRCRAFT PROGRAM STATUS REVIEW, 3RD, HOUSTON, TEXAS, DEC. 1970. CONTRACT NOS. 12-14-100-10291(20), AND R-09-038-002.
NR-P6-FJ-184-00527	NINETY-DAY REPORT ON SPECIAL FLIGHT FOR TEST SIGHT NO. 184, CHICKASHA, OKLAHOMA. BRUCE J. BLANCHARD, RESEARCH HYDRAULIC ENGINEER, U.S. DEPT. OF AGRICULTURE, SOIL AND WATER CONSERVATION RESEARCH DIV., CHICKASHA, OKLAHOMA, JAN. 9, 1970, 2P.
NR-P6-00-000-00528	EXPERIMENT SO46 VISIBLE RADIATION POLARIZATION MEASUREMENTS, PHASE C. FINAL REPORT, JULY 67-JAN. 68. PAUL A. LANG, AND T.A. HARIHARAN, INSTITUTE OF GEOPHYSICS AND PLANETARY PHYSICS, UNIV. OF CALIFORNIA, LOS ANGELES, CALIF. JAN. 1968, 46P. CONTRACT NO. NAS9-7267.
NR-P6-HJ-086-00529	GROUND TRUTH DATA, MISSION 119 (19-27 JANUARY 1970). REPORT NOS. 1G2056A, AND TR-LEC/HASD-649D.21.052. F.E. ALZOFON, LOCKHEED ELECTRONICS CO., INC., AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. MARCH 1971, 92P. CONTRACT NO. NAS9-10950
NR-P6-FJ-195-00531	REMOTE SENSING FOR DETECTION OF SOIL LIMITATIONS IN AGRICULTURAL AREAS. QUARTERLY REPORT, APR.-JULY 1970. REPORT NO. NASA-CR-111423. SOUTH DAKOTA STATE UNIVERSITY, REMOTE SENSING INSTITUTE, BROOKINGS, S.D. JUNE 1970, 22P. CONTRACT NO. NASA ORDER W-12996. MICROFICHE COPY. N71-11974
NR-P6-00-000-00532	STUDY OF ANTENNA PATTERNS AND PARAMETRIC EVALUATION FOR 400 MHZ MULTIPOLARIZATION RADAR SCATTEROMETER. TECHNICAL REPORT. REPORT NO. LEC/HASD-649D.21.036. NICK VLACHOS, LOCKHEED ELECTRONICS COMPANY, HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. DEC. 1970, 304P. CONTRACT NO. NAS9-10950.
NR-P6-00-000-00533	A PROTOTYPE HYBRID MULTISPECTRAL PROCESSOR (SPARC/H) WITH HIGH THROUGHPUT CAPABILITY. REPORT NO. NASA CR-WRL 3165-23-T. R.E. MARSHALL AND F.J. KRIEGLER, INFRARED AND OPTICS LAB., WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. MARCH 1971, 58P. CONTRACT NO. NAS9-9784.
NR-P6-00-000-00534	DATA GAPS IN THE NASA EARTH RESOURCES SPECTRAL INFORMATION SYSTEM. REPORT NO. NASA-CR-WRL 3165-25-T. ROBERT K. VINCENT, INFRARED AND OPTICS LAB., WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. MARCH 1971, 27P. CONTRACT NO. NAS9-9784.
NR-P6-00-000-00535	OPTICAL TRANSFER TECHNIQUES FOR ORBITAL SCANNERS. REPORT NO. NASA-CR-WRL 3165-21-T. J. BRAITHWAITE, AND E. WORK, INFRARED AND OPTICS LAB., WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. MARCH 1971, 46P. CONTRACT NO. NAS9-9784.
NR-P6-FJ-178-00536	REMOTE SENSOR APPLICATION STUDIES. PROGRESS REPORT, JULY 68-JUNE 69 - A. INTRODUCTION AND SUMMARY, AND DATA ANALYSIS TECHNIQUES. REPORT NO. USGS-GD-71-004. KENNETH WATSON, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1970, 62P. CONTRACT NO. NASA TASK 160-75-01-43-10. PB-197098

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-EJ-998-00537	REMOTE SENSOR APPLICATION STUDIES. PROGRESS REPORT, JULY 68-JUNE 69. CONTROLLED FIELD EXPERIMENTS. REPORT NO. USGS-GD-71-007. L.C. ROWAN, T.W. OFFIELD, R.D. WATSON, P.J. CANNON, AND M.J. GROLIER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1970, 41P. CONTRACT NO. NASA TASK 160-75-01-43-10. PB-197099
NR-P6-FJ-178-00538	REMOTE SENSOR APPLICATION STUDIES. PROGRESS REPORT, JULY 68-JUNE 69. REMOTE SENSING RECONNAISSANCE MILL CREEK AREA, ARBUCKLE MOUNTAINS, OKLAHOMA. REPORT NO. USGS-GD-71-008. L.C. ROWAN, T.W. OFFIELD, KENNETH WATSON, P.J. CANNON, AND R.D. WATSON, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1970, 53P. CONTRACT NO. NASA TASK 160-75-01-43-10. PB-197100
NR-P6-FJ-178-00539	REMOTE SENSOR APPLICATION STUDIES. PROGRESS REPORT, JULY 68-JUNE 69. ANALYSIS OF IMAGES AND PHOTOGRAPHS BY A RONCHI GRATING. REPORT NO. USGS-GD-71-005. H.A. POHN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1970, 14P. CONTRACT NO. NASA TASK 160-75-01-43-10. PB-197101
NR-P6-00-000-00540	REMOTE SENSOR APPLICATION STUDIES. PROGRESS REPORT, JULY 68-JUNE 69 - LABORATORY AND THEORETICAL INVESTIGATIONS. REPORT NO. USGS-GD-71-006. R.D. WATSON, KENNETH WATSON, T.W. OFFIELD, AND L.C. ROWAN, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 1970, 51P. CONTRACT NO. NASA TASK 160-75-01-43-10. PB-197102
NR-P6-EJ-998-00541	THE APPLICATION OF HIGH ALTITUDE PHOTOGRAPHY FOR VEGETATION RESOURCE INVENTORIES IN SOUTHEASTERN ARIZONA. FINAL REPORT. LAWRENCE R. PETTINGER, FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIF., AND CHARLES E. POULTON, ET AL., OREGON STATE UNIVERSITY, CORVALLIS, OREGON. DEC. 1970, 152P. FOLDED MAP IN POCKET. CONTRACT NO. NAS9-9577.
NR-P6-EJ-998-00542	QUANTITATIVE EVALUATION OF MULTIBAND PHOTOGRAPHIC TECHNIQUES. FINAL REPORT. DONALD T. LAUER, CLAIRE M. HAY, AND ANDREW S. BENSON, FORESTRY REMOTE SENSING LABORATORY, UNIVERSITY OF CALIFORNIA, BERKELEY, CALIF. DEC. 1970, 112P. CONTRACT NO. NAS9-9577
NR-P6-00-000-00543	ANALYSIS OF ANALOG VS. DIGITAL FILTERING TECHNIQUES AS APPLIED TO RADAR SCATTEROMETRY. REPORT NO. LEC/HASD-649D.21.032. NICK VLAHOS, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. JULY 1970, 142P. CONTRACT NO. NAS9-5191.
NR-P6-00-000-00544	AIDJEX - ARCTIC ICE DYNAMICS JOINT EXPERIMENT. PART I - SCIENTIFIC PLAN (SECOND DRAFT). N. UNTERSTEINER, G.A. MAYKUT, AND A.S. THORNDIKE, UNIVERSITY OF WASHINGTON, DIV. OF MARINE RESOURCES, SEATTLE, WASH. MAY 1970, 52P.
NR-P6-EJ-114-00545	ALTITUDE DEPENDENT RADAR RETURN STATISTICS. REPORT NOS. NASA-CR-114803, AND TR-68-10. H.S. HAYRE, AND R.F. BRODERICK, UNIVERSITY OF HOUSTON, WAVE PROPAGATION LABS., HOUSTON, TEXAS. 1970, 19P. CONTRACT NO. NAS9-9828. NT1-14755
NR-P6-00-000-00546	STUDIES OF ADVANCED MULTISPECTRAL SENSOR SYSTEMS. P.N. SLATER, W.J. CUNEO, P.B. KEENAN, D.B. MCKENNEY, OPTICAL SCIENCES CENTER, UNIVERSITY OF ARIZONA, TUCSON, ARIZONA. JUNE 1971, 58P. CONTRACT NO. NAS9-7081.
NR-P6-EJ-998-00547	INVENTORY OF NATIVE VEGETATION AND RELATED RESOURCES FROM SPACE PHOTOGRAPHY. ANNUAL PROGRESS REPORT, SEPT. 1970. CHARLES E. POULTON, JAMES R. JOHNSON, DAVID A. MOUAT, FORESTRY REMOTE SENSING LABORATORY, UNIV. OF CALIFORNIA, BERKELEY, CALIF. SEPT. 1970, 37P.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-FJ-242-00548	MULTISTAGE, MULTISEASONAL AND MULTIBAND IMAGERY TO IDENTIFY AND QUALIFY NON-FOREST VEGETATION RESOURCES. ANNUAL PROGRESS REPORT, SEPT. 1970. RICHARD S. DRISCOLL, AND RICHARD E. FRANCIS, FORESTRY REMOTE SENSING LABORATORY, UNIV. OF CALIFORNIA, BERKELEY, CALIF. SEPT. 1970, 70P.
NR-P6-FK-197-00549	VIGOR LOSS IN CONIFERS DUE TO DWARF MISTLETOE. ANNUAL PROGRESS REPORT, SEPT. 1970. MERLE P. MEYER, D.W. FRENCH, ROBERT P. LATHAM, CHARLES A. NELSON, FORESTRY REMOTE SENSING LABORATORY, UNIV. OF CALIFORNIA, BERKELEY, CALIF. SEPT. 1970, 24P.
NR-P6-DJ-998-00550	ANALYSIS OF REMOTE SENSING DATA FOR EVALUATING VEGETATION RESOURCES. ANNUAL PROGRESS REPORT, SEPT. 1970. FORESTRY REMOTE SENSING LABORATORY, SCHOOL OF FORESTRY AND CONSERVATION, UNIVERSITY OF CALIFORNIA, BERKELEY. SEPT. 1970, 175P.
NR-P6-00-000-00551	FUNCTIONAL DESCRIPTION OF MULTISPECTRAL SCANNER DATA ANALYSIS STATION. JOHN D. SARGENT, EARTH OBSERVATIONS DIVISION, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. FEB. 1971, 28P.
NR-P6-00-000-00552	EARTH-ORBITAL ELECTRO-OPTICAL MULTIBAND CAMERA. INTERIM REPORT. L. RALPH BAKER, OPTICAL SCIENCES CENTER, THE UNIV. OF ARIZONA, TUCSON, ARIZ. DEC. 1970, 20P. OPTICAL SCIENCES CENTER TECHNICAL REPORT 62. CONTRACT NO. NAS9-10366.
NR-P6-00-000-00554	PROGRESS REPORT FROM MARCH 1, 1971 TO MARCH 31, 1971: JACK QUADE, PRINCIPAL INVESTIGATOR, MACKAY SCHOOL OF MINES, UNIVERSITY OF NEVADA, RENO, NEVADA. 3P. CONTRACT NO. NAS9-7779.
NR-P6-EJ-185-00555	BONANZA. APPLICATION OF REMOTE SENSOR DATA TO GEOLOGIC AND ECONOMIC ANALYSIS OF THE BONANZA TEST SITE, COLORADO. FIRST YEAR SUMMARY REPORT. REPORT NO. MCR-70-80. MARTIN MARIETTA DENVER DIVISION, DENVER, COLORADO. MARCH 1970, 206P. CONTRACT NO. LETTER CONTRACT 9-W-08040.
NR-P6-EJ-185-00556	BONANZA. APPLICATION OF REMOTE SENSOR DATA TO GEOLOGIC AND ECONOMIC ANALYSES OF THE BONANZA TEST SITE, COLORADO. FIRST ANNUAL REPORT. KEENAN LEE, ASSOC. PRINCIPAL INVESTIGATOR, BONANZA REMOTE SENSING PROJECT, DEPT. OF GEOLOGY, COLORADO SCHOOL OF MINES, GOLDEN, COLORADO. MARCH 1970, 38P. AND PACKET OF FOLDED MAPS. CONTRACT NUMBER NASA GRANT NGL 06-001-015.
NR-P6-FJ-255-00557	NINETY-DAY MISSION REPORT TO NASA, MISSION 146, SITE 255. REMOTE SENSING INSTITUTE, SOUTH DAKOTA STATE UNIVERSITY, BROOKINGS, SOUTH DAKOTA. APRIL 1971, 9P. CONTRACT NO. 160-75-01-61-10.
NR-P6-GJ-217-00558	THE USE OF SPACE AND HIGH-ALTITUDE AERIAL PHOTOGRAPHY TO CLASSIFY FOREST LAND AND TO DETECT FOREST DISTURBANCES. ANNUAL PROGRESS REPORT, SEPT. 1970. R.C. ALDRICH, W.J. GREENTREE, R.C. HELLER, N.X. NORICK, FORESTRY REMOTE SENSING LABORATORY, UNIV. OF CALIFORNIA, BERKELEY, CALIF. SEPT. 1970, 39P.
NR-P6-00-000-00559	EARTH OBSERVATIONS AIRCRAFT FACILITY OF THE MANNED SPACECRAFT CENTER. VOLUME 3. - RB-57E AIRCRAFT SENSOR SYSTEM FACILITY. REPORT NO. 1G2010. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. APRIL 1971, 107P.

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-FH-998-00580	FIELD CALIBRATION TARGET RECOMMENDATIONS FOR ERAP, EREP AND ERTS. REPORT NO. LEC/HASD NO. 649D.21.066. BARRY H. MOORE, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. APRIL 1971, 48P. CONTRACT NO. NAS9-10950.
NR-P6-00-000-00586	RADAR BACKSCATTERING FROM THE OCEAN - AN EMPIRICAL EVALUATION. REPORT NO. LEC/HASD-649D.21.003. NICK VLAHOS, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. JUNE 1969, 57P. CONTRACT NO. NAS9-5191.
NR-P6-FJ-194-00567	DEVELOPING REMOTE SENSING DISPLAY MODES TO SATISFY URBAN PLANNING DATA INPUT NEEDS. 90-DAY REPORT. THOMAS M. GRIFFITHS, PRINCIPAL INVESTIGATOR, UNIVERSITY OF DENVER, DEPT. OF GEOGRAPHY, DENVER, COLORADO. JULY 17, 1970, 5P. CONTRACT NO. 14-08-0001-11979.
NR-P6-GJ-165-00568	90 DAY AIRCRAFT MISSION REPORT. MISSION 123, TEST SITE 165, (GEOGRAPHIC ASPECTS OF FIRE PHENOMENA IN TROPICAL GRASSLANDS) PROJECT. MERLE C. PRUNTY, JR., UNIVERSITY OF GEORGIA, DEPT. OF GEOGRAPHY, ATHENS, GEORGIA. AUG. 4, 1970, 4P.
NR-P6-00-000-00569	THE LEAF MESOPHYLLS OF TWENTY CROPS, THEIR LIGHT SPECTRA, AND OPTICAL AND GEOMETRICAL PARAMETERS. REPORT NO. SWC-RR-423. H.W. GAUSMAN, W.A. ALLEN, C.L. WIEGAND, ET AL., RIO GRANDE SOIL AND WATER RESEARCH CENTER, U.S. DEPT. OF AGRICULTURE, WESLACO, TEXAS. JUNE 1971, 91P. CONTRACT NO. R-09-038-002.
NR-P6-GJ-998-00570	EARTH OBSERVATIONS AIRCRAFT PROGRAM - CORN BLIGHT STATUS REPORT, PHASE 2 - MISSION 166, 25 MAY 1971. REPORT NO. LEC/HASD NO. TWP-71-22. D.L. OLSON, F.W. STANFORD, AND F.C. FORSBERG, LOCKHEED ELECTRONICS COMPANY, INC., AIRCRAFT PROGRAM OPERATIONS, HOUSTON, TEXAS. MAY 1971, 5P. CONTRACT NO. NAS9-10950
NR-P6-00-000-00571	DESCRIPTION AND USER'S GUIDE FOR A PROCESSING SYSTEM FOR AIRBORNE MULTISPECTRAL SCANNER DATA. INFORMATION SYSTEMS DIVISION INTERNAL NOTE. REPORT NOS. MSC-01646, AND OC0010. M.L. RATCLIFF, LOCKHEED ELECTRONICS COMPANY, HOUSTON, TEXAS. OCT. 1970, 95P.
NR-P6-EJ-998-00572	POST-FLIGHT CALIBRATION REPORT ON APOLLO 9 MULTIBAND PHOTOGRAPHY EXPERIMENT S065. INTERIM REPORT. R.A. SCHWENGERDT, AND P.N. SLATER, UNIV. OF ARIZONA, TUCSON, ARIZ. JUNE 1971, 14P. CONTRACT NO. NAS9-9333
NR-P6-EG-000-00573	AN EVALUATION OF SKYLAB (EREP) REMOTE SENSING TECHNIQUES APPLIED TO INVESTIGATION OF CRUSTAL STRUCTURE. APRIL 1971. PROPOSAL. IRA C. BECHTOLD, PRINCIPAL INVESTIGATOR. ARGUS EXPLORATION CO., A RESEARCH SUBSIDIARY OF CYPRUS MINES CORP. LOS ANGELES, CALIF. FEB. 1971, 57P. 43 X 28 CM.
NR-P6-EJ-998-00574	SCIENCE REPORT ON THE 70-MILLIMETER EARTH PHOTOGRAPHY OF THE APOLLO 6 MISSION. NASA TECHNICAL NOTE. (REVIEW COPY, INTERIM DRAFT.) REPORT NO. MSC-S-217. JOHN L. KALTENBACH, COMPILER. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. NOV. 1969, 331P.
NR-P6-LL-166-00575	13.3 GHZ DOPPLER SCATTEROMETER EVALUATION. INTERIM REPORT. REPORT NO. LRC/HASD 649D-21.008 F.E. ALZOFON, SENIOR STAFF ENGINEER, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEM DIV., HOUSTON, TEXAS. AUG. 1969, 38P. CONTRACT NO. NAS9-5191

DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-00-000-00576	RECOMMENDATIONS ON SCATTEROMETER SYSTEMS TESTS FOR SYSTEMS VALIDATION. REPORT NO. LEC/HASD 649D-21-009 O. N. BRANDT, PRINCIPAL ENGINEER, AND KUMAR KRISHEN, STAFF ENGINEER, LOCKHEED ELECTRONICS COMPANY, HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS OCT. 1969, 31P. CONTRACT NO. NAS9-5191
NR-P6-00-000-00577	SLANT RANGE CALCULATIONS FOR VARIOUS HEIGHTS AND LOOK ANGLES FOR A SPHERICAL EARTH. REPORT NO. LEC/HASD 649D.21.059 T. KELL, AND L. STAFFORD, LOCKHEED ELECTRONICS CO., INC., HOUSTON, TEXAS MARCH 1971, 186P. CONTRACT NO. NAS9-10950
NR-P6-00-000-00578	ALPHANUMERIC DISPLAY TECHNIQUES FOR BENDIX D.A.S. REPORT NO. LEC/HASD 649D.21.060 D. LOE, LOCKHEED ELECTRONICS COMPANY, INC., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. MARCH 1971, 13P. CONTRACT NO. NAS9-10950
NR-P6-00-000-00579	SCATTERING OF ELECTROMAGNETIC WAVES FROM THE SEA SURFACE (BREWSTER EFFECT) REPORT NO. LEC/HASD 649D-21-002. NICK VLAHOS, SENIOR ENGINEER, LOCKHEED ELECTRONICS COMPANY, HOUSTON, AEROSPACE SYSTEMS DIVISION, HOUSTON TEXAS. MAY 1969, 23P. CONTRACT NO. NAS9-5191
NR-P6-LL-166-00580	RADAR BACKSCATTERING FROM THE OCEAN - AN EMPIRICAL EVALUATION. REPORT NO. LEC/HASD 649D.21.003 NICK VLAHOS, SENIOR ENGINEER, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEM DIV., HOUSTON, TEXAS. JUNE 1969, 57P. CONTRACT NO. NAS9-5191
NR-P6-00-000-00581	A METHOD OF DETERMINING THE INTERIOR OF AN IRREGULAR FIGURE GIVEN ITS CORNERS. REPORT NO. LEC/HASD 649D.21.050, T.R. KELL, SCIENTIFIC PROGRAMMER, LOCKHEED ELECTRONICS COMPANY, HOUSTON AEROSPACE SYSTEMS DIVISION, HOUSTON, TEXAS. JAN. 1971, 10P. CONTRACT NO. NAS9-10950
NR-P6-00-000-00582	PHENOMENOLOGICAL APPROACH TO SCATTEROMETER DATA INTERPRETATION. REPORT NO. LEC REPORT 649.D-21-046 F.E. ALZOFON, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. DEC 1970, 14P.
NR-P6-00-000-00583	DEFINITION OF SCATTEROMETER ANTENNA PROBLEMS AND POSSIBLE APPROACHES TO DATA PROCESSING. REPORT NO. LEC/HASD 649D.21.011 K. KRISHEN, STAFF ENGINEER, LOCKHEED ELECTRONICS COMPANY, HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. DEC. 1969, 21P. CONTRACT NO. NAS9-5191
NR-P6-HH-237-00584	TEKTITE II GROUND TRUTH RADIOMETRIC DATA ANALYSIS. REPORT NO. LEC/HASD 649D.21.039 J.E. HARTMAN, LOCKHEED ELECTRONICS COMPANY, HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS SEPT. 1970, 69P. CONTRACT NO NAS9-10950
NR-P6-00-000-00585	TABLE LOOK-UP ROUTINES. REPORT NO. LEC/HASD 649D.21.055 C.A. HELMKE, AND M.L. RATCLIFF, LOCKHEED ELECTRONICS COMPANY HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. MARCH 1971, 67P. DATA APPLICATIONS DEPARTMENT TR 642-31 CONTRACT NO. NAS9-10950
NR-P6-FJ-195-00586	PATTERN RECOGNITION AT SOUTH DAKOTA STATE UNIV. ANNUAL REPORT, JULY 1, 1969-JUNE 30, 1970. G.D. NELSON, SPECIALIST PATTERN RECOGNITION, REMOTE SENSING INSTITUTE, SOUTH DAKOTA STATE UNIV., BROOKINGS, SOUTH DAKOTA. N.D. 98P. CONTRACT NO. NASA R-09-038-002, USDA 12-14-100-10291(20)
NR-P6-LL-166-00587	THE DEPENDENCE OF SCATTEROMETRIC CROSS SECTION OF OBSERVABLES AND PHENOMENOLOGICAL THEORY. INTERIM REPORT NO. 2. REPORT NO. LEC/HASD 649D.IU.016 FRED E. ALZOFON, SENIOR STAFF ENGINEER, LOCKHEED ELECTRONICS CO., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. FEB. 1970, 33P. CONTRACT NO. NAS9-5191



DIVISION BIBLIOGRAPHY - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P6-EJ-998-00588	RADAR STUDIES RELATED TO THE EARTH RESOURCES PROGRAM. INTERIM TECHNICAL PROGRESS REPORT. REPORT NOS. MSC-04155, CRES-TR-177-13 J. HOLTZMAN, PROJECT ENGINEER UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. MARCH 1971, 372P. REPRINTED AS MSC-04155, BY NASA MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. CONTRACT NO. NAS9-10261
NR-P6-FH-265-00589	TRINITY BAY STUDY. STATUS REPORT NO. 3, PRELIMINARY PROJECT PLAN. LOCKHEED ELECTRONICS COMPANY, INC., HOUSTON, TEXAS MAY 1971, 8P.
NR-P6-FJ-195-00590	SPECIFICATION FOR THE SIGNAL ANALYSIS AND DISSEMINATION EQUIPMENT (SADE) SYSTEM. FRED A. WALTZ, DATA HANDLING AND COMPUTERS, REMOTE SENSING INSTITUTE, SOUTH DAKOTA STATE UNIV., BROOKINGS, S.D. JUNE 1971, 9P.

## SECTION P7 - SUMMARY REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-P7-EJ-998-00045	EARTH RESOURCES AIRCRAFT PROGRAM STATUS REVIEW. VOL. 1, GEOLOGY, GEOGRAPHY, AND SENSOR STUDIES. EARTH RESOURCES DIVISION, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 1968. NASA-TM-X-62564. X70-11372 THRU X70-11392.
NR-P7-DJ-998-00046	EARTH RESOURCES AIRCRAFT PROGRAM STATUS REVIEW. VOL. 2, AGRICULTURE, FORESTRY, AND SENSOR STUDIES. EARTH RESOURCES DIVISION, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 1968. NASA-TM-X-61565. X70-11393 THRU X70-11411.
NR-P7-GH-998-00047	EARTH RESOURCES AIRCRAFT PROGRAM STATUS REVIEW. VOL. 3, HYDROLOGY, OCEANOGRAPHY, AND SENSOR STUDIES. EARTH RESOURCES DIVISION, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 1968. NASA-TM-X-62566. X70-11412 THRU X70-11432.
NR-P7-HJ-998-00067	AN ANALYSIS OF SEA-STATE MISSIONS 20 THROUGH 60. REPORT NO. CRES TM 177-12. J.D. YOUNG, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. NOV. 1970. CONTRACT NO. NAS9-10261
NR-P7-EJ-998-00071	EARTH RESOURCES AIRCRAFT PROGRAM STATUS REVIEW, 2ND ANNUAL, VOL. 1, GEOLOGY AND GEOGRAPHY. PRESENTED AT THE NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. SEPT. 16 TO 18, 1969.
NR-P7-EJ-998-00072	EARTH RESOURCES AIRCRAFT PROGRAM STATUS REVIEW, 2ND ANNUAL, VOL. 11, AGRICULTURE/FORESTRY, AND SENSOR STUDIES. PRESENTED AT THE NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. SEPT. 16 TO 18, 1969. NASA-TM-X-66484. N71-11976 THRU N71-11993

SUMMARY REPORTS - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P7-GH-998-00073	EARTH RESOURCES AIRCRAFT PROGRAM STATUS REVIEW, 2ND ANNUAL, VOL. III, HYDROLOGY AND OCEANOGRAPHY. PRESENTED AT THE NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. SEPT. 16 TO 18, 1969. NASA-TM-X-66481. N71-11151 THRU N71-11170
NR-P7-GH-998-00080	EARTH RESOURCES PROGRAM REVIEW, 3RD ANNUAL, HOUSTON, TEXAS, DEC. 1970, ABSTRACTS, AND ADDENDUM. PRELIMINARY. NASA, MANNED SPACECRAFT CENTER HOUSTON, TEXAS.
NR-P7-EJ-998-00081	EARTH OBSERVATIONS PROGRAM REVIEW, 4 AND 5 NOVEMBER 1969. NASA, OFFICE OF SPACE SCIENCE AND APPLICATIONS, EARTH OBSERVATIONS PROGRAMS DIVISION, WASHINGTON, D.C. 1969. NASA-TM-X-66568. N71-15694
NR-P7-00-000-00082	PHOTOGRAPHIC DATA COMPUTER PROGRAM - GEMSORT. REPORT NO. LEC/HASD NO. TWP-70-12. S.B. HIXON, LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. CONTRACT NO. NAS9-5191. TECHNICAL WORKING PAPER. FEB. 1970, 355P. AND REVISION A, DEC. 1970, 317P.
NR-P7-EJ-998-00083	NASA EARTH RESOURCES SATELLITE RESEARCH AND DEVELOPMENT PROGRAM. LEONARD JAFFE, NASA, SPACE SCIENCE AND APPLICATIONS, WASHINGTON, D.C. PREPARED FOR PRESENTATION AT THE INTERNATIONAL ASTRONAUTICAL CONGRESS 21ST, CONSTANCE, FEDERAL REPUBLIC OF GERMANY, OCT. 1970, 53P.
NR-P7-KE-998-00092	SUMMARY OF BRAZILIAN REMOTE SENSING PROGRAMME FOR PERIOD 1969-1970. COMISSAO NACIONAL DE ATIVIDADES ESPACIAIS, SAO JOSE DOS CAMPOS, ESTADO DE SAO PAULO, BRAZIL. MAY 1971, 9P.
NR-P7-EJ-998-00099	MANNED SPACECRAFT CENTER EARTH OBSERVATIONS AIRCRAFT PROGRAM, ANNUAL REPORT, 1ST, FISCAL YEAR 1970. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. APRIL 1971, 86P.
NR-P7-00-000-00104	THE NASA EARTH RESOURCES SPECTRAL INFORMATION SYSTEM - A DATA COMPILATION. REPORT NO. NASA-CR-WRL-31650-24-T VIRGINIA LEEMAN, DIANNE EARLING, ROBERT K. VINCENT, AND SHARON LADD, INFRARED AND OPTICS LABORATORY, WILLOW RUN LAB. UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. MAY 1971, 478P. CONTRACT NO. NAS9-9784.

## SECTION P8 SUBJECT RELATED DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P8-00-000-01551	NASA/MSC EARTH RESOURCES RESEARCH DATA FACILITY USER BROCHURE. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JULY 1971, 12-PAGE BROCHURE.

# SECTION P9 - TECHNICAL REPORTS

ACCESSION NUMBER	DESCRIPTION
NR-P9-00-000-00089	THE ANALYSIS OF EARTH'S RESOURCES USING SPACE PHOTOGRAPHY. ROBERT N. COLWELL, UNIVERSITY OF CALIFORNIA, FORESTRY REMOTE SENSING LAB, BERKELEY, CALIFORNIA. PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969. PAPER AAS 69-572. MICROFICHE COPY.
NR-P9-00-000-00101	REMOTE SENSING INVESTIGATIONS FROM SPACECRAFT AND AIRCRAFT. W.T. PECORA, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PRESENTED AT AMERICAN GEOPHYSICAL UNION AND MARINE TECHNOLOGY SOCIETY, SYMPOSIUM, WASHINGTON, D.C. APRIL 1969. MICROFICHE COPY.
NR-P9-00-000-00200	ATMOSPHERIC ENVIRONMENT - PROBLEMS OF REMOTE SENSING OF THE EARTH'S SURFACE. MORRIS TEPPER, NASA/WASHINGTON, D.C. PRESENTED AT AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, AEROSPACE SCIENCES MEETING, 8TH, NEW YORK, N.Y. PAPER NO. 70-193.
NR-P9-EJ-998-00824	RADAR SCATTEROMETER DATA ANALYSIS. NASA/MSC MISSION 73, SITE 130, SOUTHERN CALIFORNIA. TECHNICAL REPORT RSC-01. JOHN W. ROUSE, JR., TEXAS A + M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. MAY 1969. N70-42682 MICROFICHE AND HARD COPY. N70-42681
NR-P9-00-000-00825	INFRARED DETECTION OF CONCRETE DETERIORATION. TECHNICAL REPORT RSC-02. R.H. ARNOLD, H.L. FURR, AND J.W. ROUSE, JR., TEXAS A + M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. JULY 1969. NASA-CR-110869. N70-42736. MICROFICHE AND HARD COPY.
NR-P9-00-000-00836	BI-DIRECTIONAL SCATTERING CHARACTERISTICS OF HEALTHY GREEN SOYBEAN AND CORN LEAVES IN VIVO. LABS INFORMATION NOTE-033169. HARRY T. BREECE, III AND ROGER A. HOLMES, PURDUE UNIVERSITY, SCHOOL OF ELECTRICAL ENGINEERING, LAFAYETTE, INDIANA. APRIL 1969. CONTRACT NUMBERS 12-14-100-8926(20), 12-14-100-9502(20), AND 12-14-100-9549(20).
NR-P9-00-000-00849	AN INTRODUCTION TO PHOTOGRAPHY IN THE EARTH SCIENCES. TECHNICAL NOTE, REPORT NO. DTN-69-11. KEITH R. ERB AND DAVID J. KELCH, DATA CORP., DAYTON, OHIO. NOV. 1969. CONTRACT NO. NAS9-7003.
NR-P9-00-000-01049	DATA MANAGEMENT STUDY. VOLUME 3 - LUNAR/EARTH DATA BANK STUDY. R.K. SUMMIT, LOCKHEED MISSILES + SPACE CO., PALO ALTO, CALIF. JAN. 1968. REPORT NOS. NASA CR-101282 AND N-71-68-1-VOL. 3. CONTRACT NO. NAS 9-5191. STAR N69-28022.
NR-P9-DJ-056-01151	MULTISPECTRA REMOTE SENSING OF AN EXPOSED VOLCANIC PROVINCE. TECHNICAL MEMORANDUM 33-453. J.G. QUADE, P.E. CHAPMAN, AND P.A. BRENNAN, UNIVERSITY OF NEVADA, RENO, NEVADA. J.C. BLINN, III, JET PROPULSION LAB., CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA. JUNE 1970. CONTRACT NUMBER NAS 7-100. NASA-CR-113826. N70-41107. MICROFICHE AND HARD COPY.
NR-P9-00-000-01272	ABSOLUTE SCENE RADIANCE SPECTRA IN THE 4 TO 16 MICRON REGION. LABS INFORMATION NOTE 022268. ROGER A. HOLMES, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. 1968.
NR-P9-00-000-01285	PER FIELD CLASSIFIER FOR AGRICULTURAL APPLICATIONS. LABS INFORMATION NOTE 060569. TEDDY HUANG, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND.
NR-P9-00-000-01290	ON PATTERN RECOGNITION. LABS INFORMATION NOTE 101866. G.P. CARDILLO AND D.A. LANDGREBE, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, LAFAYETTE, INDIANA. 1968.



TECHNICAL REPORTS - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P9-00-000-01298	AN AUTOMATED METHOD OF CHOOSING TRAINING FIELDS. LARS INFORMATION NOTE 040869. DANIELLE R. BERNSTEIN, PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. 1969.
NR-P9-DK-040-01363	OPTIMUM RADAR DEPRESSION ANGLES FROM GEOLOGICAL ANALYSIS. REPORT NO. CRES TR 177-9. H.C. MACDONALD, AND W.P. WAITE, REMOTE SENSING LABORATORY, CENTER FOR RESEARCH, INC., UNIVERSITY OF KANSAS, LAWRENCE. AUG. 1970. CONTRACT NOS. NAS9-10261 AND DAAK02-68-C-0089-THEMIS.
NR-P9-FJ-998-01364	IMAGED TEXTURAL ANALYSIS BY CIRCULAR SCANNING TECHNIQUE. REPORT NO. CRES TR 177-3. GEORGE O. NOSSAMAN, REMOTE SENSING LABORATORY, CENTER FOR RESEARCH, INC., UNIV. OF KANSAS, LAWRENCE, KANSAS. 1969. CONTRACT NO. NAS9-10261.
NR-P9-00-000-01367	SYNTHETIC APERTURE RADAR AND DIGITAL PROCESSING. REPORT NO. CRES TR-177-10. RALPH GERCHBERG, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. SEPT. 1970. REPRINTED BY NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS.
NR-P9-NK-000-01368	ENIGMAS IN ASSESSING THE COMPOSITION OF A ROCK UNIT - A CASE HISTORY BASED ON THE MALSBURG GRANITE, S.W. GERMANY. NORTH-WESTERN UNIVERSITY REPORT NO. 23. E.H. TIMOTHY WHITTEN, NORTHWESTERN UNIVERSITY, DEPT. OF GEOLOGICAL SCIENCES, EVANSTON, ILLINOIS. JULY 1970. CONTRACT NO. GRANT NGR-14-007-027. NASA-CR-111569. N71-13052 MICROFICHE AND HARD COPY.
NR-P9-00-000-01369	PANCHROMATIC ILLUMINATION FOR RADAR, ACOUSTIC SIMULATION OF PANCHROMATIC RADAR. REPORT NO. CRES TR 177-11. GARY C. THOMANN, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. OCT. 1970. CONTRACT NO. NAS9-10261
NR-P9-FH-998-01370	REMOTE SENSING TECHNIQUES USED IN DETERMINING CHANGES IN COASTLINES. REPORT NOS. TR-RSC-16 AND COE-134. JOHN B. HERBICH, AND ZELTON L. HALES, TEXAS A+M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. AUG. 1970. CONTRACT NO. GRANT NSG 239-62
NR-P9-00-000-01386	PRINCIPAL COMPONENT ANALYSIS. REPORT NO. CRES TM 177-5. ROBERT M. HARALICK, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. APRIL 1970. CONTRACT NOS. NAS9-10261 AND DAAK02-68-C-0089-THEMIS.
NR-P9-00-000-01387	CORRELATED AVERAGING TO ENHANCE RADAR IMAGERY. REPORT NO. CRES TM 177-11. RALPH W. GERCHBERG, AND ROBERT M. HARALICK, REMOTE SENSING LABORATORY, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. SEPT. 1970. CONTRACT NO. NAS9-7175.
NR-P9-00-000-01388	DISCRETE PATTERN DISCRIMINATION USING NEIGHBORLY DEPENDENCE INFORMATION. REPORT NO. CRES TR 177-12. R.M. HARALICK, CENTER FOR RESEARCH IN ENGINEERING SCIENCE, UNIVERSITY OF KANSAS, LAWRENCE, KANSAS. OCT. 1970. CONTRACT NO. NAS9-10261.
NR-P9-EJ-036-01392	THE INFLUENCE OF RADAR LOOK-DIRECTION ON THE DETECTION OF SELECTED GEOLOGICAL FEATURES. REPORT NOS. CRES TR 118-7, CRES REPRINT 118-6 AND CRES REPRINT 133-4. H.C. MACDONALD, J. KIRK, L. DELLWIG, AND A.J. LEWIS, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. IN INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICH., OCT 1969, PROCEEDINGS, VOL. 1. PP.637-650. CONTRACT NOS. DAAK02-68-C-0089 AND NAS9-7175.
NR-P9-BK-000-01393	ON AIR TEMPERATURE FLUCTUATIONS IMMEDIATELY ABOVE A GLACIER SURFACE. REPORT NO. RSC-13. PAUL E. CARRARA, AND AYLMER H. TOMPSON, UNIVERSITY OF COLORADO, BOULDER, COLO. TEXAS A+M UNIVERSITY, COLLEGE STATION, TEXAS. APRIL 1970. CONTRACT NO. NASA GRANT NSG 239-62. NASA-CR-110834



TECHNICAL REPORTS - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P9-00-000-01410	SPATIAL REGISTRATION OF MULTISPECTRAL AND MULTITEMPORAL DIGITAL IMAGERY USING FAST FOURIER TRANSFORM TECHNIQUES. LARS INFORMATION NOTE 052270. PAUL E. ANUTA, PURDUE UNIVERSITY, LAB. FOR APPLICATIONS OF REMOTE SENSING, WEST LAFAYETTE, IND. PRESENTED AT INTERNATIONAL IEEE GEOSCIENCE ELECTRONICS SYMPOSIUM, 2ND, WASHINGTON, D.C., APRIL 1970.
NR-P9-BL-093-01417	RADAR STUDIES OF ARCTIC ICE. FINAL REPORT RSC 681-3. REPORT NO. CRES NO. 1370-9826-1. JOHN A. SCHELL, TEXAS A+M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. JULY 1970.
NR-P9-00-000-01444	TESTING THE GAUSSIAN ASSUMPTION ON AIRCRAFT DATA. LARS INFORMATION NOTE 040469. PURDUE UNIVERSITY, LABORATORY FOR AGRICULTURAL REMOTE SENSING, WEST LAFAYETTE, IND. 1969.
NR-P9-00-000-01491	SYNTHESIS OF REQUIREMENTS FOR ADVANCED EARTH RESOURCES SENSORS. ANDREW ADELMAN, AND LEWIS WILLIAMS, IBM, FEDERAL SYSTEMS DIV., SPACE SYSTEMS CENTER, HUNTSVILLE, ALABAMA. PAPER PRESENTED AT THE INTERNATIONAL ASTRONAUTICAL FEDERATION, CONGRESS, 20TH, MAR DEL PLATA, ARGENTINA, OCT. 1969. 48P. A70-31777 MICROFICHE AND HARD COPY.
NR-P9-FH-175-01527	AERIAL 8-14 MICRON IMAGERY APPLIED TO MAPPING THERMAL EFFECT MIXING BOUNDARIES. TECHNICAL REPORT RSC-15. 131P. NORMAN GRAY FOSTER, TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. AUGUST 1970. N70-42743. GRANT NGL-44-001-001. NASA-CR-110870. MICROFICHE AND HARD COPY.
NR-P9-00-000-01528	ANALYSIS AND EVALUATION OF A FORWARD-VIEWING SCANNING RADAR SCATTEROMETER SYSTEM. TECHNICAL REPORT RSC-14. 138P. RICHARD HARRISON ARNOLD, TEXAS A AND M UNIVERSITY, REMOTE SENSING CENTER, COLLEGE STATION, TEXAS. AUGUST 1970. CONTRACT NO. NASA GRANT NSG 239-62. NASA-CR-110866. MICROFICHE AND HARD COPY.
NR-P9-FJ-076-01550	RADAR SENSING IN AGRICULTURE, A SOCIO-ECONOMIC VIEWPOINT. REPORT NOS. CRES TR-177-14, AND MSC-03720. UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. DEC. 1970, 24P. REPRINTED JAN. 1971 AS MSC-03720, BY NASA MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. CONTRACT NO. NAS9-10261.
NR-P9-FJ-034-01551	A REGIONAL STUDY OF RADAR LINEAMENT PATTERNS IN THE OUACHITA MOUNTAINS, MCALESTER BASIN-ARKANSAS VALLEY, AND OZARK REGIONS OF OKLAHOMA AND ARKANSAS. REPORT NOS. MSC-03714, AND CRES TR-177-4. J. NORMAN KIRK, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS. JUNE 1970, 71P. REPRINTED JAN. 1971 AS MSC-03714, BY NASA MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. CONTRACT NO. NAS9-10261.
NR-P9-00-000-01558	EDGE ANALYSIS AS A MEASURE OF CAMERA SYSTEM PERFORMANCE. PROJECT APOLLO. REPORT NO. MSC INTERNAL NOTE NO. 67-TH-4. ROBERT G. MUSGROVE, MAPPING SCIENCES BRANCH, AND WENDELL W. MENDELL, GEOPHYSICS BRANCH, NASA, MSC, HOUSTON, TEXAS, NOV. 1967, 18P.
NR-P9-GJ-043-01567	BROAD-SPECTRUM ELECTROMAGNETIC BACKSCATTER. REPORT NO. CRES TR-133-17. WILLIAM P. WAITE, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH INC., ENGINEERING SCIENCE DIV., LAWRENCE, KANSAS, AUG. 1970, 172P. CONTRACT NOS. DAAK02-68-C-0089, AND NAS9-10261.
NR-P9-FH-032-01571	COMPUTER DISCRIMINATION PROCEDURE COMPARISONS USING FILM OPTICAL DENSITIES. REPORT NO. SWC-RR-422. A.J. RICHARDSON, R.J. TORLINE, D.A. WEBER, ET AL., U.S. DEPT. OF AGRICULTURE, RIO GRANDE SOIL AND WATER RESEARCH CENTER, WESLACO, TEXAS. DEC. 1970, 84P.

TECHNICAL REPORTS - PROGRAM DOCUMENTS

ACCESSION NUMBER	DESCRIPTION
NR-P9-GJ-000-01632	RADAR LINEAMENT ANALYSIS, BURNING SPRINGS AREA, WEST VIRGINIA -- AN AID IN THE DEFINITION OF APPALACHIAN PLATEAU THRUSTS. REPORT NOS. CRES TR-177-6, AND MSC-03715. RICHARD S. WING, WILLIAM K. OVERBEY, JR., LOUIS F. DELLWIG, UNIVERSITY OF KANSAS, CENTER FOR RESEARCH, INC., LAWRENCE, KANSAS. JULY 1970, 24P. REPRINTED FEB. 1971 AS MSC-03715 BY NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEX. CONTRACT NOS. NAS9-10261, AND DAAK02-68-C-0089.
NR-P9-EJ-998-01716	PHOTOGRAMMETRIC TECHNIQUES APPLICABLE TO EARTH RESOURCES ANALYSES. REPORT NO. NASA-TM-X-64546. PAUL A. LARSEN, NASA, MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. AUG. 1970, 65P. MICROFICHE AND HARD COPIES. N71-15409
NR-P9-GJ-998-01762	INVESTIGATIONS OF MULTISPECTRAL SENSING OF CROPS. TECHNICAL REPORT. REPORT NO. NASA-CR-WRL 31650-30-T. R.F. NALEPKA, H.M. HORWITZ, AND N.S. THOMSON, INFRARED AND OPTICS LABORATORY, WILLOW RUN LABORATORIES, UNIV. OF MICHIGAN, ANN ARBOR, MICHIGAN. MAY 1971, 88P. CONTRACT NO. NAS9-9784.
NR-P9-FJ-998-01763	REMOTE-SENSING DATA-ANALYSIS PROJECTS ASSOCIATED WITH THE NASA EARTH RESOURCES SPECTRAL INFORMATION SYSTEM. REPORT NO. NASA-CR-WRL 3165-26-T. ROBERT K. VINCENT, ROBERT HORVATH, FRED THOMSON, EDGAR A. WORK, INFRARED AND OPTICS LAB., WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN. APRIL 1971, 66P. CONTRACT NO. NAS9-9784.
NR-P9-EJ-210-01800	STUDIES OF SPECTRAL DISCRIMINATION. REPORT NO. NASA-CR-WRL-31650+22-T. W.A. MALILA, R.B. CRANE, C.A. OMARZU, AND R.E. TURNER, INFRARED AND OPTICS LABORATORY, WILLOW RUN LABORATORIES, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH. MAY 1971, 148P. CONTRACT NO. NAS9-9784.
NR-P9-00-000-01807	MATEC - DIGITAL COMPUTER PROGRAM FOR FREQUENCY RESPONSE ANALYSIS OF LINEAR SYSTEMS. REPORT NOS. REF. 671-41.9/14, AND LEC DOC-644D.41.03. JAMES J. CARNEY, SPACE PHYSICS DEPT., LOCKHEED ELECTRONICS COMPANY, HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. DEC. 1968, 78P. CONTRACT NO. NAS9-5191.
NR-P9-00-000-01841	A PROGRAM FOR COMPUTING THE BRIGHTNESS TEMPERATURE OF A CLEAR ATMOSPHERE FROM RADIOSONDE DATA. REPORT NO. LEC/HASD-649D.21.068. JACK F. PARIS, LOCKHEED ELECTRONICS COMPANY, INC., HOUSTON AEROSPACE SYSTEMS DIV., HOUSTON, TEXAS. MAY 1971, 42P. CONTRACT NO. NAS9-10950.
NR-P9-FK-041-01844	GEOLOGICAL EVALUATION OF REMOTE SENSING IMAGERY OF THE MESABI RANGE, MINNESOTA. A.S. WALKER (M.S. THESIS), ADDRESS UNKNOWN. DEPT. OF GEOLOGY AND GEOPHYSICS, UNIV. OF MINNESOTA, MINNEAPOLIS, MINNESOTA. JAN 1971, 90P.
NR-P9-00-000-01869	PROGRAMA DE SENSORES REMOTOS. SENSORIAMENTO REMOTO NO QUADRILATERO FERRIFERO. PRELIMINAR. (REMOTE SENSING OF FERRIFEROUS AREAS. PRELIMINARY REPORT) REPORT NO. LAFE-126 GABRIEL MALRO DE A. OLIVEIRA, LUIZ HENRIQUE A. DE AZEVEDO, OTTO BITTENCOURT NETTO, ET AL. COMISSAO NACIONAL DE ATIVIDADES ESPACIAIS, SAO JOSE DOS CAMPOS, SP, BRASIL. JULY 1970, 130P. IN PORTUGUESE. MICROFICHE AND HARD COPY N71-15552
NR-P9-KE-804-01870	PROJECTO SENSORES REMOTOS - GEOGRAFIA E URBANISMO. RELATORIO FINAL DA FASE C. VOLS. 1 AND 2. (REMOTE SENSORS PROJECT - GEOGRAPHY AND URBANISM. FINAL REPORT OF PHASE C. IN 2 VOLS., AND ENGLISH SUMMARY). REPORT NO. LAFE-133 AND ENGLISH SUMMARY. AIDA O. FERREIRA DE BARROS, COMISSAO NACIONAL DE ATIVIDADES ESPACIAIS, SAO JOSE DOS CAMPOS, SP, BRASIL, SEPT. 1970, 2 VOLS.- 194P., AND 7-PAGE ENGLISH SUMMARY. HARD COPIES, ALSO MICROFICHE COPY OF VOL. 2, AND SUMMARY. N71-15546-VOL. 2, N71-14877 - ENGLISH SUMMARY.

TECHNICAL REPORTS - PROGRAM DOCUMENTS

ACCESSION NUMBER

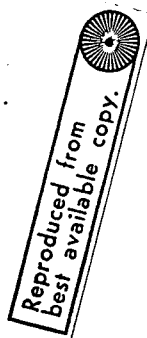
DESCRIPTION

NR-P9-JE-801-01871 REMOTE SENSING PROJECT - AGRICULTURE. PHASE C - FINAL  
REPORT. REPORT NO. TR-LAFE-132. ARNALDO GUIDO DE SOUZA  
COELO, INSTITUTO AGRONOMICO DE CAMPINAS, SAO PAULO, AND  
HECTOR W. MCNIELL, COMISSAO NACIONAL DE ATIVIDADES  
ESPACIAIS, SAO JOSE DOS CAMPOS, SP, BRASIL. SEPT. 1970,  
102 P. MICROFICHE COPY AND HARD COPY. N71-15653

## **PART II - SATELLITE DATA**

# SECTION 50 - GEMINI FILM AND DOCUMENT DATA FILE

ACCESSION NUMBER	DESCRIPTION
NR-50-00-000-00001	GEMINI III, MARCH 23, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 1, FRAMES 1-25. POSITIVE TRANSPARENCY.
NR-50-00-000-00002	GEMINI IV, JUNE 3-7, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 16, FRAMES 1-53. POSITIVE TRANSPARENCY.
NR-50-00-000-00003	GEMINI IV, JUNE 3-7, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 7, FRAMES 1-56. POSITIVE TRANSPARENCY.
NR-50-00-000-00004	GEMINI IV, JUNE 3-7, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 6, FRAMES 1-12. POSITIVE TRANSPARENCY.
NR-50-00-000-00005	GEMINI IV, JUNE 3-7, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 8, FRAMES 1-55. POSITIVE TRANSPARENCY.
NR-50-00-000-00006	GEMINI IV, JUNE 3-7, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 9, FRAMES 1-43. POSITIVE TRANSPARENCY.
NR-50-00-000-00007	GEMINI V, AUGUST 21-29, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 1, FRAMES 1-62. POSITIVE TRANSPARENCY.
NR-50-00-000-00008	GEMINI V, AUGUST 21-29, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 2, FRAMES 1-56. POSITIVE TRANSPARENCY.
NR-50-00-000-00009	GEMINI V, AUGUST 21-29, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 3, FRAMES 1-63. POSITIVE TRANSPARENCY.
NR-50-00-000-00010	GEMINI V, AUGUST 21-29, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500 C (NASA MODIFIED). MAGAZINE NO. 4, FRAMES 1-69. POSITIVE TRANSPARENCY.
NR-50-00-000-00011	GEMINI VI, DECEMBER 15-16, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 (NASA MODIFIED). MAGAZINE A, FRAMES 1-62. POSITIVE TRANSPARENCY.
NR-50-00-000-00012	GEMINI VI, DECEMBER 15-16, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 (NASA MODIFIED). MAGAZINE B, FRAMES 1-62. POSITIVE TRANSPARENCY.
NR-50-00-000-00013	GEMINI VI, DECEMBER 15-16, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 (NASA MODIFIED). MAGAZINE C, FRAMES 1-56. POSITIVE TRANSPARENCY.
NR-50-00-000-00014	GEMINI VI, DECEMBER 15-16, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 (NASA MODIFIED). MAGAZINE D, FRAMES 1-12. POSITIVE TRANSPARENCY.
NR-50-00-000-00015	GEMINI VII, DECEMBER 4-18, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE NO. 22 (A), FRAMES 1-52. POSITIVE TRANSPARENCY.
NR-50-00-000-00016	GEMINI VII, DECEMBER 4-18, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE NO. 17 (M), FRAMES 1-59. POSITIVE TRANSPARENCY.
NR-50-00-000-00017	GEMINI VII, DECEMBER 4-18, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE NO. 24 (C), FRAMES 1-61. POSITIVE TRANSPARENCY.



## GEMINI FILM AND DOCUMENT DATA FILE

ACCESSION NUMBER	DESCRIPTION
NR-50-00-000-00018	GEMINI VII, DECEMBER 4-18, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE NO. 25 (D), FRAMES 1-62. POSITIVE TRANSPARENCY.
NR-50-00-000-00019	GEMINI VII, DECEMBER 4-18, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE NO. 13 (K), FRAMES 1-42. POSITIVE TRANSPARENCY.
NR-50-00-000-00020	GEMINI VII, DECEMBER 4-18, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE NO. 23 (B), FRAMES 1-60. POSITIVE TRANSPARENCY.
NR-50-00-000-00021	GEMINI VII, DECEMBER 4-18, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE NO. 30 (G) (EXPOSED AND PROCESSED AT ASA 500), FRAMES 1-62. POSITIVE TRANSPARENCY.
NR-50-00-000-00022	GEMINI VII, DECEMBER 4-18, 1965, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE NO. 26 (E) (INFRARED EKTACHROME FILM TYPE 8443), FRAMES 1-31. POSITIVE TRANSPARENCY.
NR-50-00-000-00023	GEMINI VIII, MARCH 16, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500-C (NASA MODIFIED). MAGAZINE 20, FRAMES 1-19. POSITIVE TRANSPARENCY.
NR-50-00-000-00024	GEMINI IX, JUNE 3-6, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500 C (NASA MODIFIED). MAGAZINE NO. A (SN-7), FRAMES 1-67. POSITIVE TRANSPARENCY.
NR-50-00-000-00025	GEMINI IX, JUNE 3-6, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, MODEL 500 C (NASA MODIFIED). MAGAZINE NO. B (SN-8), FRAMES 1-64. POSITIVE TRANSPARENCY.
NR-50-00-000-00026	GEMINI IX, JUNE 3-6, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD MODEL 500 C (NASA MODIFIED). MAGAZINE NO. C, FRAMES 1-70. POSITIVE TRANSPARENCY.
NR-50-00-000-00027	GEMINI IX, JUNE 3-6, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD SUPER WIDE ANGLE-C (NASA MODIFIED). MAGAZINE NO. D (SN-2), FRAMES 1-58. POSITIVE TRANSPARENCY.
NR-50-00-000-00028	GEMINI IX, JUNE 3-6, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER-70 SPACE CAMERA. MAGAZINE NO. F (SN-011), FRAMES 1-52. POSITIVE TRANSPARENCY.
NR-50-00-000-00029	GEMINI IX, JUNE 3-6, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER-70 SPACE CAMERA. MAGAZINE NO. G (SN-012), FRAMES 1-51. POSITIVE TRANSPARENCY.
NR-50-00-000-00030	GEMINI X, JULY 18-21, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, SUPER WIDE ANGLE. MAGAZINE NO. 5, FRAMES 1-62. POSITIVE TRANSPARENCY.
NR-50-00-000-00031	GEMINI X, JULY 18-21, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 10, FRAMES 1-50. POSITIVE TRANSPARENCY.
NR-50-00-000-00032	GEMINI X, JULY 18-21, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 11, FRAMES 1-47. POSITIVE TRANSPARENCY.
NR-50-00-000-00033	GEMINI X, JULY 18-21, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 12, FRAMES 1-48. POSITIVE TRANSPARENCY.
NR-50-00-000-00034	GEMINI X, JULY 18-21, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 13, FRAMES 1-47. POSITIVE TRANSPARENCY.
NR-50-00-000-00035	GEMINI X, JULY 18-21, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 14, FRAMES 1-49. POSITIVE TRANSPARENCY.

GEMINI FILM AND DOCUMENT DATA FILE

ACCESSION NUMBER	DESCRIPTION
NR-50-00-000-00036	GEMINI X, JULY 18-21, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, SUPER WIDE ANGLE. MAGAZINE NO. 28, FRAMES 1-68. POSITIVE TRANSPARENCY.
NR-50-00-000-00037	GEMINI XI, SEPTEMBER 12-15, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, SUPER WIDE ANGLE. MAGAZINE NO. 8, FRAMES 1-63. POSITIVE TRANSPARENCY.
NR-50-00-000-00038	GEMINI XI, SEPTEMBER 12-15, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, SUPER WIDE ANGLE. MAGAZINE NO. 9, FRAMES 1-67. POSITIVE TRANSPARENCY.
NR-50-00-000-00039	GEMINI XI, SEPTEMBER 12-15, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 10, FRAMES 1-49. POSITIVE TRANSPARENCY.
NR-50-00-000-00040	GEMINI XI, SEPTEMBER 12-15, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 11, FRAMES 1-43. POSITIVE TRANSPARENCY.
NR-50-00-000-00041	GEMINI XI, SEPTEMBER 12-15, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 12, FRAMES 1-16. POSITIVE TRANSPARENCY.
NR-50-00-000-00042	GEMINI XII, NOVEMBER 11-15, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, SUPER WIDE ANGLE. MAGAZINE NO. 5, FRAMES 1-150. POSITIVE TRANSPARENCY.
NR-50-00-000-00043	GEMINI XII, NOVEMBER 11-15, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, SUPER WIDE ANGLE. MAGAZINE NO. 11, FRAMES 1-147. POSITIVE TRANSPARENCY.
NR-50-00-000-00044	GEMINI XII, NOVEMBER 11-15, 1966, 70 MM PHOTOGRAPHY. J.A. MAURER, 70MM SPACE CAMERA. MAGAZINE NO. 10, FRAMES 1-48. POSITIVE TRANSPARENCY.
NR-50-00-000-00045	GEMINI XII, NOVEMBER 11-15, 1966, 70 MM PHOTOGRAPHY. HASSELBLAD, SUPER WIDE ANGLE. MAGAZINE NO. 17, FRAMES 1-70. POSITIVE TRANSPARENCY.
NR-50-00-000-00103	GEMINI III (MARCH 23, 1965) 70MM PHOTOGRAPHY IDENTIFICATION. HASSELBLAD, MODEL 500 C (NASA MODIFIED) JUNE 15, 1966. (3RD REV.) MAGAZINE NO. 1, FRAMES 1-25.
NR-50-00-000-00104	GEMINI IV (JUNE 3-7, 1965) 70MM PHOTOGRAPHY IDENTIFICATION. HASSELBLAD, MODEL 500 C (NASA MODIFIED) JUNE 15, 1966 (14TH REV.) MAGAZINE NO.16, FRAMES 1-53. MAGAZINE NO. 7, FRAMES 1-56. MAGAZINE NO. 6, FRAMES 1-12. MAGAZINE NO. 8, FRAMES 1-55. MAGAZINE NO. 9, FRAMES 1-43.
NR-50-00-000-00105	GEMINI V (AUGUST 21-29, 1965) 70MM PHOTOGRAPHY IDENTIFICATION. HASSELBLAD, MODEL 500 C (NASA MODIFIED) JUNE 15, 1966 (4TH REV.) MAGAZINE NO.1, FRAME 1-62. MAGAZINE NO.2, FRAMES 1-56. MAGAZINE NO.3, FRAMES 1-63. MAGAZINE NO.4, FRAMES 1-69.
NR-50-00-000-00106	GEMINI VI (DECEMBER 15-16, 1965) 70MM PHOTOGRAPHY IDENTIFICATION. HASSELBLAD, MODEL 500 (NASA MODIFIED) JUNE 15, 1966 (2ND REV.) MAGAZINE A, FRAMES 1-62. MAGAZINE B, FRAMES 1-62. MAGAZINE C, FRAMES 1-56. MAGAZINE D, FRAMES 1-12.
NR-50-00-000-00107	GEMINI VII (DECEMBER 4-18, 1965) 70MM PHOTOGRAPHY IDENTIFICATION. HASSELBLAD, MODEL 500-C (NASA MODIFIED) JUNE 15, 1966 (2ND REV.) MAGAZINE NO.22(A), FRAMES 1-52. MAGAZINE NO.17(M), FRAMES 1-59. MAGAZINE NO.24(C), FRAMES 1-61. MAGAZINE NO.25(D), FRAMES 1-62. MAGAZINE NO.13(K), FRAMES 1-42. MAGAZINE NO.23(B), FRAMES 1-60. MAGAZINE NO.30(G), FRAMES 1-62. MAGAZINE NO.28(E), FRAMES 1-31.



GEMINI FILM AND DOCUMENT DATA FILE

ACCESSION NUMBER	DESCRIPTION
NR-50-00-000-0010*	GEMINI VIII (MARCH 16, 1966) 70MM PHOTOGRAPHY IDENTIFICATION. HASSELBLAD, MODEL 500-C (NASA MODIFIED) JUNE 6, 1966 (1ST REV.) MAGAZINE NO.20, FRAMES 1-19.
NR-50-00-000-00109	GEMINI IX (JUNE 3-6, 1966) 70MM PHOTOGRAPHY IDENTIFICATION. HASSELBLAD, MODEL 500-C (NASA MODIFIED); HASSELBLAD, SUPER WIDE ANGLE-C (NASA MODIFIED); J.A. MAURER-70 SPACE CAMERA. JUNE 16, 1966 (1ST REV.) MAGAZINE NO. A(SN-7), FRAMES 1-67. MAGAZINE NO. B(SN-8), FRAMES 1-64. MAGAZINE NO. C(SN-9), FRAMES 1-70. MAGAZINE NO. D(SN-2), FRAMES 1-58. MAGAZINE NO. F(SN-011), FRAMES 1-52. MAGAZINE NO. G(SN-012), FRAMES 1-51.
NR-50-00-000-00110	GEMINI X (JULY 18-21, 1966) 70MM PHOTOGRAPHY IDENTIFICATION. J.A. MAURER, 70MM SPACE CAMERA; HASSELBLAD, SUPER WIDE ANGLE, 70MM. AUGUST 5, 1966 (2ND REV.) MAGAZINE NO.5, FRAMES 1-62. MAGAZINE NO.10, FRAMES 1-50. MAGAZINE NO.11, FRAMES 1-47. MAGAZINE NO.12, FRAMES 1-48. MAGAZINE NO.13, FRAMES 1-47. MAGAZINE NO.14, FRAMES 1-49. MAGAZINE NO.28, FRAMES 1-68.
NR-50-00-000-00111	GEMINI XI (SEPTEMBER 12-15, 1966) 70MM PHOTOGRAPHY IDENTIFICATION. J.A. MAURER, 70MM SPACE CAMERA; HASSELBLAD, SUPER WIDE ANGLE, 70MM. SEPTEMBER 19, 1966. MAGAZINE NO.8, FRAMES 1-63. MAGAZINE NO.9, FRAMES 1-67. MAGAZINE NO.10, FRAMES 1-49. MAGAZINE NO.11, FRAMES 1-43. MAGAZINE NO.12, FRAMES 1-16.
NR-50-00-000-00112	GEMINI XI1 (NOVEMBER 11-15, 1966) 70MM PHOTOGRAPHY IDENTIFICATION. HASSELBLAD, SUPERWIDE ANGLE-70MM; J.A. MAURER, 70MM SPACE CAMERA. NOVEMBER 21, 1966 (PRELIMINARY EDITION) MAGAZINE NO.8, FRAMES 1-150. MAGAZINE NO.11, FRAMES 1-147. MAGAZINE NO.10, FRAMES 1-48. MAGAZINE NO.17, FRAMES 1-70.
NR-50-00-000-00201	TERRAIN PHOTOGRAPHY FROM GEMINI SPACECRAFT - FINAL GEOLOGIC REPORT. REPORT NO. X-644-71-15. PAUL D. LOWMAN, JR., AND HERBERT A. TIEDEMANN, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. JAN. 1971, 80P.
NR-50-00-000-00210	MANNED SPACEFLIGHT EXPERIMENTS GEMINI 10 MISSION, JULY 18-21, 1966. INTERIM REPORT. REPORT NOS. MSC-TA-R-67-1, AND NASA TM-X-60791. MISSION AND DATA MANAGEMENT OFFICE, MANNED SPACECRAFT CENTER, NASA, HOUSTON, TEXAS. MARCH 1967, 153P. MICROFICHE COPY. (NASA)-W67-10730 N68-14150

# SECTION 51 - APOLLO FILM AND DOCUMENT DATA FILE

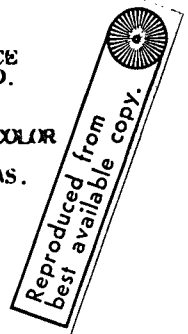
ACCESSION NUMBER	DESCRIPTION
NR-51-00-000-00001	APOLLO 6, APRIL 4, 1968, 70 MM PHOTOGRAPHY. MAHER, MODEL 220 G. FRAMES AS6-2-756 THRU AS6-2-1510. POSITIVE TRANSPARENCY.
NR-51-00-000-00002	APOLLO 7, OCTOBER 11-22, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD 500-C, NASA MODIFIED. MAGAZINE NO. M, FRAMES AS7-3-1511 TO 1557. POSITIVE TRANSPARENCY.
NR-51-00-000-00003	APOLLO 7, OCTOBER 11-22, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD 500-C, NASA MODIFIED. MAGAZINE NO. N, FRAMES AS7-4-1558 TO 1612. POSITIVE TRANSPARENCY.
NR-51-00-000-00004	APOLLO 7, OCTOBER 11-22, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD 500-C, NASA MODIFIED. MAGAZINE NO. O, FRAMES AS7-5-1613 TO 1671. POSITIVE TRANSPARENCY.
NR-51-00-000-00005	APOLLO 7, OCTOBER 11-22, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD 500-C, NASA MODIFIED. MAGAZINE NO. O, FRAMES AS7-6-1672 TO 1737. POSITIVE TRANSPARENCY.
NR-51-00-000-00006	APOLLO 7, OCTOBER 11-22, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD 500-C, NASA MODIFIED. MAGAZINE NO. S, FRAMES AS7-7-1738 TO 1879. POSITIVE TRANSPARENCY.
NR-51-00-000-00007	APOLLO 7, OCTOBER 11-22, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD 500-C, NASA MODIFIED. MAGAZINE NO. R, FRAMES AS7-8-1880 TO 1943. POSITIVE TRANSPARENCY.
NR-51-00-000-00008	APOLLO 7, OCTOBER 11-22, 1968, 70MM PHOTOGRAPHY. HASSELBLAD 500-C, NASA MODIFIED. MAGAZINE NO. P, FRAMES AS7-11-1980 TO 2043. POSITIVE TRANSPARENCY.
NR-51-00-000-00009	APOLLO 8, DECEMBER 21, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD. MAGAZINE A, FRAMES AS8-16-2581 TO 2619. POSITIVE TRANSPARENCY.
NR-51-00-000-00010	APOLLO 8, DECEMBER 21, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD. MAGAZINE B, FRAMES AS8-14-2383 TO 2534. POSITIVE TRANSPARENCY.
NR-51-00-000-00011	APOLLO 8, DECEMBER 21, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD. MAGAZINE C, FRAMES AS8-17-2659 TO 2827. POSITIVE TRANSPARENCY.
NR-51-00-000-00012	APOLLO 8, DECEMBER 21, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD. MAGAZINE D, FRAMES AS8-12-2044 TO 2214. POSITIVE TRANSPARENCY.
NR-51-00-000-00013	APOLLO 8, DECEMBER 21, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD. MAGAZINE E, FRAMES AS8-13-2215 TO 2382. POSITIVE TRANSPARENCY.
NR-51-00-000-00014	APOLLO 8, DECEMBER 21, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD. MAGAZINE F, FRAMES AS8-15-2535 TO 2580. POSITIVE TRANSPARENCY.
NR-51-00-000-00015	APOLLO 8, DECEMBER 21, 1968, 70 MM PHOTOGRAPHY. HASSELBLAD. MAGAZINE G, FRAMES AS8-18-2828 TO 2908. POSITIVE TRANSPARENCY.
NR-51-00-000-00016	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. HANDHELD. MAGAZINE NO. 19, FRAMES 2909 TO 3034. POSITIVE TRANSPARENCY.

APOLLO FILM AND DOCUMENT DATA FILE

ACCESSION NUMBER	DESCRIPTION
NR-51-00-000-00017	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. HANDHELD. MAGAZINE NO. 20, FRAMES 3053 TO 3177. POSITIVE TRANSPARENCY.
NR-51-00-000-00018	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. HANDHELD. MAGAZINE NO. 21, FRAMES 3178 TO 3322. POSITIVE TRANSPARENCY.
NR-51-00-000-00019	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. HANDHELD. MAGAZINE NO. 22, FRAMES 3324 TO 3474. POSITIVE TRANSPARENCY.
NR-51-00-000-00020	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. HANDHELD. MAGAZINE NO. 23, FRAMES 3475 TO 3619. POSITIVE TRANSPARENCY.
NR-51-00-000-00021	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. HANDHELD. MAGAZINE NO. 24, FRAMES 3620 TO 3681. POSITIVE TRANSPARENCY.
NR-51-00-000-00022	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. HANDHELD. MAGAZINE NO. 25, FRAMES 3682 TO 3695. POSITIVE TRANSPARENCY.
NR-51-00-000-00023	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. SO-65 MULTISPECTRAL. MAGAZINE 26, FRAMES 3696A TO 3834A. POSITIVE TRANSPARENCY.
NR-51-00-000-00024	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. SO-65 MULTISPECTRAL. MAGAZINE 26, FRAMES 3696H TO 3854H. POSITIVE TRANSPARENCY.
NR-51-00-000-00025	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. SO-65 MULTISPECTRAL. MAGAZINE 26, FRAMES 3696C TO 3823C. POSITIVE TRANSPARENCY.
NR-51-00-000-00026	APOLLO 9, MARCH 3-13, 1969, 70 MM PHOTOGRAPHY. SO-65 MULTISPECTRAL. MAGAZINE 26, FRAMES 3696D TO 3854D. POSITIVE TRANSPARENCY.
NR-51-00-000-00106	APOLLO-SATURN 6 (APRIL 4, 1968) 70MM PHOTOGRAPHIC IDENTIFICATION LIST. MAURER, MODEL 220 G. FRAMES 756-1510.
NR-51-00-000-00107	APOLLO 7 (OCTOBER 11, 1968) 70MM PHOTOGRAPHY IDENTIFICATION LIST. HASSELBLAD 500-C (NASA MODIFIED) NOVEMBER 14, 1968, PRELIMINARY REPORT. MAGAZINE M, FRAMES 1-62. MAGAZINE N, FRAMES 1-61. MAGAZINE O, FRAMES 1-66. MAGAZINE P, FRAMES 1-66. MAGAZINE Q, FRAMES 1-61. MAGAZINE R, FRAMES 1-65. MAGAZINE S, FRAMES 1-144. MAGAZINE U, FRAMES 1-31. MAGAZINE V, FRAMES 1-5.
NR-51-00-000-00109	APOLLO 9 (MARCH 3-13, 1969) PRELIMINARY PLOTTING AND INDEXING REPORT. 70MM COLOR HANDHELD AND MULTISPECTRAL EXPERIMENT PHOTOGRAPHS. MAGAZINE A, FRAMES 2909-3052. MAGAZINE E, FRAMES 3053-3177. MAGAZINE B, FRAMES 3178-3323. MAGAZINE C, FRAMES 3324-3474. MAGAZINE D, FRAMES 3475-3618. MAGAZINE F, FRAMES 3620-3681. MAGAZINE G, FRAMES 3682-3695. SO65 MULTISPECTRAL PHOTOGRAPHS, FRAMES 3696-3854.
NR-51-00-000-00110	APOLLO 10 (DECEMBER 1969) PHOTOGRAPHY INDEX, 70MM AND 16MM, PRELIMINARY. 70MM HASSELBLAD, MAGAZINE M, FRAMES 5009-5173. MAGAZINE N, FRAMES 3855-3987. MAGAZINE O, FRAMES 3988-4163. MAGAZINE P, FRAMES 4164-4326. MAGAZINE Q, FRAMES 4327-4499. MAGAZINE R, FRAMES 4500-4674. MAGAZINE S, FRAMES 4675-4856. MAGAZINE T, FRAMES 4857-5008. MAGAZINE U, V, X, L, (NOT INDEXED AT THIS DATE).

APOLLO FILM AND DOCUMENT DATA FILE

ACCESSION NUMBER	DESCRIPTION
NR-51-00-000-00111	APOLLO 11 PHOTOGRAPHY - 70-MM, 16-MM, AND 35-MM FRAME INDEX. REPORT NOS. NASA-TM-A-64350 AND NSSDC 70-02. MAPPING SCIENCES LABORATORY, NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. FEB. 1970. N70-34509 MICROFICHE AND HARD COPY.
NR-51-00-000-00112	APOLLO 12 MULTISPECTRAL PHOTOGRAPHY EXPERIMENT. REPORT NOS. NASA-CR-110087 AND TM-70-2015-1. A.F.M. GORTZ, BELLUCUM, INC., WASHINGTON, D.C. FEB. 1970. CONTRACT NO. NASW-417. N70-28485
NR-51-00-000-00127	APOLLO 7-205 PRELIMINARY PLOTTING AND INDEXING REPORT. REPORT NO. LEC/HASD 671-50-037 (645D.21.029). JAMES CLINTON, LOCKHEED ELECTRONICS COMPANY, HOUSTON AEROSPACE DIVISION, HOUSTON, TEXAS. NOV. 1968, 35P. CONTRACT NO. NAS 9-5191
NR-51-00-000-00206	APOLLO AS-502 MISSION DATA AND INFORMATION LIST, 70MM COLOR PHOTOGRAPHY. TECHNICAL REPORT LEC/HASD NO. 671-50-019, (645D.21.011). LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. JULY 1968. CONTRACT NO. NAS 9-5191.
NR-51-00-000-00207	APOLLO 7 MISSION DATA AND INFORMATION LIST, 70MM COLOR PHOTOGRAPHY. MAPPING SCIENCES LABORATORY, NASA-MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 17 MARCH 1969. CONTRACT NUMBER NAS 9-5191.
NR-51-00-000-00208	APOLLO 8 (DECEMBER 21, 1968) 70MM PHOTO INDICES. 70MM HASSELBLAD. MAGAZINE A, FRAMES 2581-2658. MAGAZINE B, FRAMES 2383-2534. MAGAZINE C, FRAMES 2659-2827. MAGAZINE D, FRAMES 2044-2214. MAGAZINE E, FRAMES 2215-2382. MAGAZINE F, FRAMES 2535-2580. MAGAZINE G, FRAMES 2828-2908.
NR-51-00-000-00209	APOLLO 9 PHOTOGRAPHIC PLOTTING AND INDEXING REPORT. (INCLUDING AIRCRAFT UNDERFLIGHTS). NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS, AND LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. OCTOBER 1969. CONTRACT NUMBER NAS 9-5191.
NR-51-00-000-00211	APOLLO MISSION 11, PHOTOGRAPHY INDEXES. DEPARTMENT OF DEFENSE, WASHINGTON, D.C. OCTOBER 1969. NASA-TM-X-65098. N70-36869
NR-51-00-000-00212	APOLLO 12 PHOTOGRAPHY INDEX, 70MM AND 16MM. TECHNICAL WORKING PAPER, REPORT NO. LEC/HASD NO. TWP-69-044. LOCKHEED ELECTRONICS CO., HOUSTON, TEXAS. DECEMBER 1969. CONTRACT NUMBER NAS 9-5191.
NR-51-00-000-00213	APOLLO 13 PHOTOGRAPHIC INDEX 70MM AND 16MM. LOCKHEED ELECTRONIC CORP., HOUSTON, TEXAS. MAY 15, 1970. CONTRACT NO. NAS9-5191.
NR-51-00-000-00215	MISSION SCIENCE PLANNING DOCUMENT. J-1 TYPE MISSION (APOLLO 15). FINAL. TRW SYSTEMS GROUP, HOUSTON, TEXAS. MARCH 15, 1971, 317P. CONTRACT NO. NAS9-8166
NR-51-00-000-00301	APOLLO EARTH PHOTOGRAPHS, INDEX MAPS - APOLLO MISSIONS 6, 7, AND 9. NASA/MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. MAY 1970.
NR-51-00-000-00302	APOLLO 12 MISSION REPORT. REPORT NO. MSC-01855. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. MARCH 1970.
NR-51-00-000-00303	APOLLO 11 MISSION REPORT. REPORT NO. 00171. APOLLO 11 MISSION EVALUATION TEAM, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HOUSTON, TEXAS. NOVEMBER 1969.
NR-51-00-000-00304	ANALYSIS OF APOLLO AS-501 MISSION EARTH PHOTOGRAPHY. NASA TECHNICAL MEMORANDUM X-58015. COMPILED BY JOHN E. DORNBACH, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. FEBRUARY 1968. STAR N68-36467.



APOLLO FILM AND DOCUMENT DATA FILE

ACCESSION NUMBER	DESCRIPTION
NR-51-00-000-00305	TECHNIQUES APPLIED IN COMPILING THE TRANQUILLITY BASE SURFACE AND EXPERIMENT POSITIONS MAP. TECHNICAL REPORT. REPORT NOS. LEC/HASD NO. TWP-69-032, AND NASA-CR-108564. W.H. ARANT, LOCKHEED ELECTRONICS COMPANY, AEROSPACE SYSTEMS DIVISION, HOUSTON, TEXAS. DEC. 1969, 24P. CONTRACT NO. NAS9-5191. N70-34024
NR-51-00-000-00306	PARAPHRASED GEOLOGICAL EXCERPTS FROM APOLLO 12 MISSION. REPORT NOS. INTERAGENCY REPORT - ASTROGEOLOGY 21, AND NASA-CR-113797. DAVID SCHLEICHER, EDITOR, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. JUNE 1970, 129P. CONTRACT NO. NASA CONTRACT T-65253-G. N70-40833
NR-51-EJ-998-00307	SCIENCE SCREENING REPORT OF THE APOLLO 7 MISSION, 70-MILLIMETER PHOTOGRAPHY AND NASA EARTH RESOURCES AIRCRAFT MISSION 981 PHOTOGRAPHY. NASA TECHNICAL MEMORANDUM TM X-58029. JOHN E. DORNBAUGH, JOHN L. KALTENBACH, ET. AL. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. JUNE 1969.
NR-51-EJ-998-00309	AN EVALUATION OF EARTH RESOURCES USING APOLLO 9 PHOTOGRAPHY. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. 266P. CONTRACT NO. NAS 9-9348.
NR-51-00-000-00310	APOLLO--STEPS TO THE MOON. GEORGE E. MUELLER, NASA, WASHINGTON, D.C. IN INTERNATIONAL SYMPOSIUM ON SPACE TECHNOLOGY AND SCIENCE, 8TH, TOKYO, JAPAN, AUG. 1969, PROCEEDINGS 1969. PP.3-18. A70-35202
NR-51-00-000-00311	APOLLO 11 LUNAR PHOTOGRAPHY. DATA USERS' NOTE. (NSSDC ID NO. 69-059A-01) REPORT NO. NSSDC 70-06. A.T. ANDERSON, ACQUISITION SCIENTIST, C.K. MICHLOVITZ, DATA SERVICES MANAGER, AND K. HUG, TECHNICAL WRITER, NATIONAL SPACE SCIENCE DATA CENTER, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. APRIL 1970, 22P.
NR-51-00-000-00314	APOLLO 14 DATA - ITOS (IMPROVED TIROS OPERATIONAL SATELLITE) VISIBLE AND INFRARED IMAGERY, JAN. 31-FEB. 9, 1971. NATIONAL OCEANIC AND ATMOSPHERIC AGENCY (NOAA), SPACEFLIGHT METEOROLOGY GROUP, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS FEB. 1971. 1 SMALL ROLL, FULL MISSION, 8X11 REDUCTION, AND 1 LARGE ROLL, 40 IN. LONG X 6 IN. DIAMETER, FULL-SIZED CHARTS.
NR-51-00-000-00315	APOLLO 14 DATA - ATS 1, 3 (APPLICATIONS TECHNOLOGY SATELLITE), CHARTS AND PHOTOGRAPHS, JAN. 31-FEB. 9, 1971. NATIONAL OCEANIC AND ATMOSPHERIC AGENCY (NOAA), SPACEFLIGHT METEOROLOGY GROUP, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS FEB. 1971. 1 PACKAGE OF PHOTOS AND CHARTS, 29X29MM, EACH ITEM LABELED.
NR-51-GJ-000-00401	DELINEATION OF LINEAR FEATURES AND APPLICATION TO RESERVOIR ENGINEERING USING APOLLO 9 MULTISPECTRAL PHOTOGRAPHY. GEOLOGICAL SURVEY OF ALABAMA, INFORMATION SERIES 41. W.J. POWELL, C.W. COPELAND, AND J.A. DRAHOVZAL. GEOLOGICAL SURVEY OF ALABAMA, UNIVERSITY OF ALABAMA, TUSCALOOSA, ALA. 1970. W70-09537
NR-51-00-000-00402	APOLLO 12 PRELIMINARY SCIENCE REPORT. NASA, MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. CONTRACT NO. NASA SP-235. N70-35271
NR-51-00-000-00403	THE GEOLOGIC EVOLUTION OF THE MOON. REPORT NO. X-644-70-381. PAUL D. LOWMAN, JR., NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. SEPT. 1970, 49P.
NR-51-EJ-998-00409	APOLLO 9 MULTISPECTRAL PHOTOGRAPHIC INFORMATION. REPORT NO. NASA TM X-1957. COMPILED BY JOHN L. KALTENBACH, NASA/ MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. APRIL 1970. CONTRACT NUMBER 160-75-02-03-72.

APOLLO FILM AND DOCUMENT DATA FILE

ACCESSION NUMBER	DESCRIPTION
NR-51-00-000-00410	GEOLOGIC ANALYSES OF SELECTED APOLLO 10 70MM LUNAR AND TERRESTRIAL PHOTOGRAPHS. PREPRINT. REPORT NOS. NASA TM-X-63925 AND X-844-70-165. H.W. BLODGET, P.D. LOWMAN, JR., AND J.A. O'KEEFE, NASA/GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. APRIL 1970. N70-28682
NR-51-00-000-00411	APOLLO 11 - IMPLICATIONS FOR THE EARLY HISTORY OF THE SOLAR SYSTEM. JOHN A. O'KEEF, GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. IN EOS, VOL. 51, NO. 9, SEPT. 1970. PP.633-636.
NR-51-EJ-998-00600	APOLLO 6 PHOTOMAP-WEST-EAST CORRIDOR FROM THE PACIFIC OCEAN TO NORTHERN LOUISIANA-WEST-CENTRAL SHEET-2 OF 4. U.S.G.S., WASHINGTON, D.C.

# SECTION 52 - EARTH RESOURCES TECHNOLOGICAL SATELLITES (ERTS)

ACCESSION NUMBER	DESCRIPTION
NR-52-00-000-A0001	FUTURE APPLICATIONS OF EARTH RESOURCE SURVEYS FROM SPACE. CHARLES J. ROBINOVÉ, U.S. GEOLOGICAL SURVEY, WASH., D.C. AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MARYLAND, MARCH 1970. AIAA PAPER NO.70-302. A70-22883
NR-52-DK-998-A0002	EARTH RESOURCES OBSERVATION SATELLITE IMAGE UTILITY AT STATE LEVEL. DAVID W. JAMISON, STATE OF WASHINGTON, DEPT. OF NATURAL RESOURCES, OLYMPIA, WASHINGTON. APRIL 1970. N71-14846
NR-52-EJ-209-A0003	GROUND OBSERVATIONS AND UTILITY EVALUATIONS OF SPACE AND HIGH-ALTITUDE PHOTOGRAPHY EASTERN ARIZONA. RAYTHEON COMPANY, AUTOMETRIC OPERATION, ALEXANDRIA, VIRGINIA. JULY 1970, 30P. CONTRACT NO. 14-08-0001-12064.
NR-52-00-000-A0004	SATELLITE (ERTS-A) NETWORK OF GROUND DATA SENSORS - A USER-ORIENTED EXPERIMENT. JAMES P. DANIEL, GEOLOGICAL SURVEY, EROS PROGRAM, ST. LOUIS, MO. PAPER PRESENTED AT NATIONAL SYMPOSIUM ON DATA AND INSTRUMENTATION FOR WATER QUALITY MANAGEMENT, MADISON, WISCONSIN, JULY 1970. PREPRINT NO. 29, 13P. W71-01772
NR-52-00-000-00001	AT LONG LAST, ERTS IS ON THE WAY. ALFRED ROSENBLATT AND PAUL DICKSON, ASSOCIATE EDITORS. PUBLISHED IN ELECTRONICS, VOL. 42, MAY 1969. PP.98-106.
NR-52-EJ-210-00002	MACHINE-AIDED PHOTO INTERPRETATION TECHNIQUES FOR VEGETATION ANALYSIS. J.D. LENT AND J.D. NICHOLS, UNIVERSITY OF CALIF., BERKELEY, CALIFORNIA. AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. PAPER NO.70-308. A70-22879
NR-52-00-000-00003	RESOURCE POLICY, MANAGEMENT, AND REMOTE SENSING. R. KEITH ARMOLD, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. AIAA PAPER NO.70-304. A70-22881
NR-52-00-000-00004	COLLECTION OF DATA FROM IN SITU SENSORS VIA SATELLITE. S.D. DORFMAN, HUGHES AIRCRAFT CO., SPACE SYSTEMS DIV., EL SEGUNDO, CALIFORNIA. CONTRACT NO. NSR-09-012-909. PRESENTED AT COMMUNICATIONS AND DISPLAYS, WESTERN ELECTRONIC SHOW AND CONVENTION, SAN FRANCISCO, CALIF., AUG. 1969, TECHNICAL PAPERS, VOL. 13, PART 2. A70-17343
NR-52-EJ-998-00005	AIR AND SPACEBORNE REMOTE SENSORS FOR MINERAL EXPLORATION. W.D. CARTER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PAPER PRESENTED AT NEW MEXICO SYMPOSIUM ON MINERAL RESOURCES, DISCOVERED AND DISCOVERY SOCORRO, NEW MEXICO, MAY 1968.
NR-52-00-000-00006	EROS APPLICATIONS TO MINERAL EXPLORATION. W.D. CARTER, U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. PAPER PRESENTED TO COLORADO MINING ASSOCIATION, DENVER, COL., FEB. 1968.
NR-52-00-000-00007	REQUIREMENTS AND TECHNIQUES FOR AN EARTH RESOURCES AUTOMATIC DATA CORRELATION SYSTEM. R. WAKEMAN AND E. HART, FAIRCHILD CAMERA AND INSTRUMENT CORP., SYOSSET, N.Y. AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER NO.70-323. A70-22864.
NR-52-00-000-00008	EARTH RESOURCES DATA PROCESSING AS VIEWED FROM AN ENVIRONMENTAL SATELLITE DATA PROCESSING EXPERIENCE BASE. C.L. BRISTOR, ESSA, NATIONAL ENVIRONMENTAL SATELLITE CENTER, SUITLAND, MD. AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. PAPER NO.70-284. A70-22894

EARTH RESOURCES TECHNOLOGICAL SATELLITES (ERTS)

ACCESSION NUMBER	DESCRIPTION
NR-52-00-000-00009	AUTOMATIC CHANGE DISCRIMINATION AS AN AID TO CITY PLANNING. J.G. KAWAMURA, TRW SYSTEMS, REDONDO BEACH, CALIFORNIA. AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. PAPER NO.70-311. A70-22876
NR-52-00-000-00010	EARTH RESOURCES DATA COLLECTION BY COMMUNICATION SATELLITE - PROBLEM, SCOPE, AND SOME POTENTIAL SOLUTIONS. G.M. NORTHROP, THE TRAVELERS RESEARCH CORP., HARTFORD, CONN. AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. PAPER NO.70-327. A70-22587
NR-52-00-000-00011	STATE-OF-THE-ART PROJECTION FOR INFRARED EARTH RESOURCES RADIOMETRY. D. GOETZE, HONEYWELL, INC., ST. PAUL, MINN. AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. PAPER NO.70-317. A70-22870
NR-52-00-000-00012	EARTH RESOURCES SENSOR INTEGRATION. CARL L. KOBER, MARTIN MARIETTA CORP., DENVER, COLO. AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. PAPER NO.70-316. A70-22871
NR-52-00-000-00013	WHAT EARTH RESOURCES SATELLITES CAN DO FOR THE AGRICULTURAL COMMUNITY. A.B. PARK, U.S. DEPT. OF AGRICULTURE, WASHINGTON, D.C. PRESENTED AT THE 6TH ANNUAL MEETING AND TECHNICAL DISPLAY OF THE AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, ANAHEIM, CALIFORNIA, PAPER NO. 69-1083, OCT. 1969. A70-10624.
NR-52-00-000-00014	SATELLITE MAPPING FOR EARTH RESOURCES SURVEYS. H. BERNSTEIN AND P.M. MERIFIELD, TRW SYSTEMS, REDONDO BEACH, CALIFORNIA. PUBLISHED IN THE AMERICAN SOCIETY OF PHOTOGRAMMETRY. 1968 SEMI-ANNUAL MEETING, SAN ANTONIO, TEXAS. SEPT. 29-OCT. 3.
NR-52-EJ-998-00015	EROS - INVESTIGATIONS FROM SPACE. WILLIAM A. FISCHER, U.S.G.S., WASHINGTON, D.C. PUBLISHED IN GROUND WATER RESOURCES INSTITUTE QUARTERLY, VOL. 2, NO. 1, SPRING, 1969. STAR N69-41309.
NR-52-00-000-00016	EARTH RESOURCES SATELLITES - CAPABILITIES VERSUS REQUIREMENTS. ALAN J. STRATTON, NASA/OFFICE OF ADVANCED RESEARCH PRESENTED AT AMERICAN ASTRONAUTICAL SOCIETY, NATIONAL MEETING, NEW MEXICO STATE UNIVERSITY, LAS CRUCES, NEW MEXICO, OCTOBER 1969. PAPER AAS 69-587. MICROFICHE COPY.
NR-52-00-000-00017	EARTH RESOURCES SATELLITES. G.K.C. PARDOE, HAWER SIDDELEY DYNAMICS LTD., HATFIELD, HERTS, ENGLAND. PUBLISHED IN SCIENCE JOURNAL, VOL. 5, JUNE 1969. PP.58-67.
NR-52-00-000-00018	A SURVEY OF SENSORS FOR EARTH RESOURCES SENSING. GLENN A. CATO, TRW SYSTEMS GROUP, REDONDO BEACH, CALIFORNIA. PRE-PRINT OF PAPER FOR AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD. MARCH 1970. A70-22888
NR-52-DK-000-00019	A SYSTEM ANALYSIS OF APPLICATIONS OF EARTH ORBITAL SPACE TECHNOLOGY TO SELECTED CASES IN WATER MANAGEMENT AND AGRICULTURE. ALLAN MUIR, EARTHSAT CORP., WASHINGTON, D.C. PRESENTED AT AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970. AIAA PAPER NO. 70-335.
NR-52-EJ-998-00020	COMPARISON OF BASIS MODES FOR IMAGING THE EARTH. ALDEN P. COLVOCORESSES, U.S. GEOLOGICAL SURVEY, MC LEAN, VIRGINIA PRESENTED AT THE AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MARYLAND, MARCH 1970. AIAA PAPER NO. 70-294.



EARTH RESOURCES TECHNOLOGICAL SATELLITES (ERTS)

ACCESSION NUMBER	DESCRIPTION
NR-52-00-000-00021	DESIGN STUDY SPECIFICATIONS FOR THE ERTS A AND B. GODDARD SPACE FLIGHT CENTER, GREENBELT, MARYLAND. APRIL 1969. STAR N70-71034.
NR-52-00-000-00022	DEMETER, AN EARTH RESOURCES SATELLITE PROGRAM. R.H. MILES, AND B.B. LUSIGNAN, STANFORD UNIVERSITY, STANFORD, CALIF. PRESENTED AT INTERNATIONAL ASTRONAUTICAL FEDERATION CONGRESS 19TH, NEW YORK CITY, OCT. 1968, IAF PAPER E-182. AD68-44299
NR-52-00-000-00023	EARTH RESOURCES SATELLITE SYSTEMS. D.W. KELLER, GENERAL ELECTRIC CO., SPACE DIV., VALLEY FORGE, PA. JULY 1969. PUBLISHED IN JOURNAL OF THE BRITISH INTERPLANETARY SOCIETY, VOL. 23, NO. 4, APRIL 1970. PP.257-274. MICROFICHE AND HARD COPY.
NR-52-00-000-00024	AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MARYLAND, MARCH 1970. COLLECTION OF TECHNICAL PAPERS. AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, NEW YORK, N.Y.
NR-52-00-000-00025	IMAGING WITH OPTICAL MECHANICAL SCANNERS FROM EARTH ORBITING SPACECRAFT. D.S. LOWE AND M.M. BELLOCK, BENDIX CORP., ANN ARBOR, MICHIGAN. PUBLISHED IN AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MARYLAND. MARCH 1970, PAPER NO.70-314. A70-22873.
NR-52-00-000-00026	THE USE OF ECONOMIC BENEFIT ANALYSIS IN EARTH RESOURCES SATELLITE SYSTEM PLANNING. A.H. MUIR AND R.A. SUMMERS, NASA/WASHINGTON, D.C. CONTRACT NO. NASW-1604. PUBLISHED IN AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHIL., PA., OCT. 1960. AIAA PAPER NO. 68-1077.
NR-52-00-000-00027	MANAGEMENT, PROCESSING AND DISSEMINATION OF SENSORY DATA FOR THE EARTH RESOURCES TECHNOLOGY SATELLITE. EARL S. MERRITT, WALTER C. AHLIN, ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS. DEC. 1969. REPORT NO. NASA CR-109081 REPT-9G45-43. CONTRACT NO. NAS5-10343. STAR N70-21089. MICROFICHE COPY.
NR-52-00-000-00028	EARTH RESOURCES NATIONAL DATA PROCESSING CENTER - WHY, WHAT, WHEN, AND HOW MUCH. E. HART AND N. GUTLOVE, FAIRCHILD SPACE AND DEFENSE SYSTEMS, SYOSSET, LONG ISLAND, N.Y. PRESENTED AT THE AIAA EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEM MEETING, ANNAPOLIS, MARYLAND, MARCH 1970. PAPER 70-324. A70-22863.
NR-52-00-000-00029	THE DESIGN OF A RESOURCES SURVEY SYSTEM. MICHAEL RICHTER, TRW SYSTEMS GROUP, REDONDO BEACH, CALIFORNIA. PUBLISHED IN IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS, VOL. GE-7, NO. 4, OCT. 1969. PP.200-205. A70-16686
NR-52-00-000-00030	A DATA CENTER FOR THE EARTH RESOURCES SATELLITE. HERBERT M. GURK, C.R. SMITH, ET AL., RCA, INC. CONTRACT NUMBER 14-08-0001-11430. PAPER PRESENTED AT WINCON/IEEE, LOS ANGELES, CALIFORNIA. FEB. 1969, IN SESSION ON - SPACE OBSERVATION OF EARTH RESOURCES, PREPRINT.
NR-52-00-000-00031	TELEVISION SYSTEM FOR EARTH RESOURCES SATELLITE. HERBERT M. GURK, RADIO CORPORATION OF AMERICA, PRINCETON, NEW JERSEY. AT NATO/BRITISH INTERPLANETARY SOCIETY, INTERNATIONAL SUMMER SCHOOL ON EARTH RESOURCES SURVEY SATELLITES, CAMBRIDGE, ENGLAND, JULY 1969. MICROFICHE COPY. A69-38619.
NR-52-00-000-00032	PRECISION PROCESSING FOR EARTH RESOURCE SATELLITE IMAGERY. W.F. STORER AND D.S. WEBBER, TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. AT THE AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970. PAPER 70-297. MICROFICHE COPY. A70-22852

## EARTH RESOURCES TECHNOLOGICAL SATELLITES (ERTS)

Reproduced from  
best available copy.

ACCESSION NUMBER	DESCRIPTION
NR-52-00-000-00033	TECHNOLOGICAL BASE FOR PLANNING OF SPACEFLIGHT MISSIONS TO OBTAIN DATA ON THE EARTH'S RESOURCES. DONALD M. WALTZ, TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. AT AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 5TH, PHILADELPHIA, PA., OCT. 1968, PAPER 68-1074. MICROFICHE COPY. A68-45000
NR-52-00-000-00034	THE IMPORTANCE OF ELEMENTAL REGISTRATION AND CALIBRATION IN ORBITAL EARTH RESOURCES MULTISPECTRAL IMAGING. WILLIAM L. CASEY, MCDONNELL DOUGLAS CORP., MCDONNELL ASTRONAUTICS CO., ST. LOUIS, MO. AT AIAA ANNUAL MEETING AND TECHNICAL DISPLAY 5TH, PHILADELPHIA, PA., OCT. 1968, PAPER 68-1075. MICROFICHE COPY. A68-44987
NR-52-00-000-00035	REFLECTIONS ON SATELLITES FOR EARTH RESOURCE SURVEYS - PERSONAL CONTRIBUTIONS TO A SUMMER STUDY. REPORT NO. RP-3753. AMROM H. KATZ, RAND CORP., SANTA MONICA, CALIF. DEC. 1967. MICROFICHE COPY. AD-663 371 N68-15094
NR-52-00-000-00036	EARTH RESOURCES SATELLITES. REPORT NO. RAE-TR-69219. S.L. ENTRES, ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH, ENGLAND. OCT. 1969. MICROFICHE COPY. AD-703 297
NR-52-00-000-00037	A MULTISPECTRAL POINT SCAN CAMERA FOR EARTH RESOURCES TECHNOLOGY SATELLITE. W.G. WOO AND E.G. DONELAN, WESTINGHOUSE DEFENSE AND SPACE CENTER, BALTIMORE, MD. AT AMERICAN INSTITUTE OF AERONAUTICS, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER 70-319. MICROFICHE COPY. A70-22867.
NR-52-00-000-00038	APPLICATION SATELLITES, SOME ROLES AND TECHNIQUES. GEOFFREY LEWIS, ADVANCED PROJECTS (SPACE), BRITISH AIRCRAFT CORP., BRISTOL, ENGLAND. IN FLIGHT INTERNATIONAL, VOL. 98, NO. 3201, JULY 16, 1970. PP.87-99.
NR-52-00-000-00039	A OPERATIONAL EARTH RESOURCE SATELLITE SYSTEM - WHAT DOES USER EXPECT. HOMER A. HUMISTON, WESTINGHOUSE ELECTRIC CORP., AEROSPACE DIV., BALTIMORE, MD. AT AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MD., MARCH 1970, PAPER 70-293. A70-22890
NR-52-00-000-00040	PHOTOGRAPHISCHE BEOBACHTUNG KUNSTLICHER ERDSATELLITEN OHNE HILFE REGISTRIERENDER ZEITENRICHUNGEN. (PHOTOGRAPHIC OBSERVATION OF ARTIFICIAL EARTH SATELLITES WITHOUT CHRONOMETRIC RECORDING AIDS.) R. RAJCHL, CESKOSLOVENSKA AKADEMIE VED, GEOFYSIKALNI USTAV, PRAGUE, CZECHOSLOVAKIA. IN ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA, BULLETIN, VOL. 20, NO. 8, 1969. PP.331-334. A70-23055
NR-52-00-000-00041	EARTH RESOURCES TECHNOLOGY SATELLITE OPERATIONS CONTROL CENTER AND DATA PROCESSING FACILITY. BOOK 1 - SYSTEMS STUDIES. FINAL REPORT. REPORT NOS. DOC-70SD4226-BK-1, AND NASA-CR-109909. GENERAL ELECTRIC CO., SPACE SYSTEMS ORGANIZATION, PHILADELPHIA, PA. APRIL 1970, 471P. CONTRACT NO. NAS5-11529. N70-34451
NR-52-00-000-00042	EARTH RESOURCES TECHNOLOGY SATELLITE OPERATIONS CONTROL CENTER AND DATA PROCESSING FACILITY. BOOK 2 - SYSTEMS STUDIES. FINAL REPORT. REPORT NOS. DOC-70SD4226-BK, NASA-CR-109839. GENERAL ELECTRIC CO., SPACE SYSTEMS ORGANIZATION, PHILADELPHIA, PA. APRIL 1970, 525P. CONTRACT NO. NAS5-11529. N70-34452
NR-52-00-000-00043	EARTH RESOURCES TECHNOLOGY SATELLITE OPERATIONS CONTROL CENTER AND DATA PROCESSING FACILITY. BOOK 3 - SYSTEM STUDIES. FINAL REPORT. REPORT NOS. NASA-CR-109910, AND DOC-70SD4226-BK-3. GENERAL ELECTRIC CO., SPACE SYSTEMS ORGANIZATION, PHILADELPHIA, PA. APRIL 1970, 258P. CONTRACT NO. NAS5-11529. N70-34453
NR-52-00-000-00044	EARTH RESOURCES TECHNOLOGY SATELLITE SPACECRAFT SYSTEM DESIGN STUDIES. VOLUME 1 - SYSTEMS STUDIES. FINAL REPORT. REPORT NOS. NASA-CR-109907, AND DOC-70SD4207. GENERAL ELECTRIC CO., SPACE SYSTEMS ORGANIZATION, PHILADELPHIA, PA. FEB. 1970, 286P. CONTRACT NO. NAS5-11529. N70-34454

## EARTH RESOURCES TECHNOLOGICAL SATELLITES (ERTS)

ACCESSION NUMBER	DESCRIPTION
NR-52-00-000-00045	EARTH RESOURCES TECHNOLOGY SATELLITE SPACECRAFT SYSTEM DESIGN STUDIES. VOLUME 2, BOOK 2 - SUBSYSTEMS STUDIES. FINAL REPORT. REPORT NOS. NASA-CR-109908, AND DOC-70SD4207. GENERAL ELECTRIC CO., SPACE SYSTEMS ORGANIZATION, PHILADELPHIA, PA. CONTRACT NO. NAS5-11529. N70-34456
NR-52-00-000-00046	EARTH RESOURCES TECHNOLOGY SATELLITE SPACECRAFT SYSTEM DESIGN STUDIES. VOLUME 2, BOOK 1 - SUBSYSTEMS STUDIES. FINAL REPORT. REPORT NOS. NASA-CR-109837, AND DOC-70SD4207. GENERAL ELECTRIC CO., SPACE SYSTEMS ORGANIZATION, PHILADELPHIA, PA. FEB. 1970, 703P. CONTRACT NO. NAS5-11529. N70-34455
NR-52-00-000-00047	EARTH RESOURCES TECHNOLOGY SATELLITE - SECURING INTERNATIONAL PARTICIPATION. JOHN HANESSIAN, JR., AND JOHN M. LOGSDON, GEORGE WASHINGTON UNIVERSITY, WASHINGTON, D.C. IN ASTRONAUTICS AND AERONAUTICS, VOL. 8, AUG. 1970, PP.56-63. A70-39796
NR-52-00-000-00048	SYSTEMS ANALYSIS TECHNIQUES IN EARTH RESOURCES SATELLITE SYSTEMS PLANNING. ROBERT A. SUMMERS, NASA, WASHINGTON, D.C. IN INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT, 6TH, ANN ARBOR, MICH., OCT. 1969, PROCEEDINGS, VOL. 1. PP.237-246.
NR-52-00-000-00049	USER DATA PROCESSING REQUIREMENTS. HERBERT M. GURK, RCA, ASTRO ELECTRONICS DIV., PRINCETON, N.J. PRESENTED AT - PRINCETON UNIVERSITY CONFERENCE (AEROSPACE METHODS FOR REVEALING AND EVALUATING EARTH'S RESOURCES), PRINCETON, N.J., SEPT. 1969, 18P.
NR-52-FJ-195-00055	INTERAGENCY REPORT USGS-202. REMOTE SENSING OF HYDROLOGIC RESOURCES IN THE GREAT PLAINS. REPORT NO. 1-FINAL. REPORT NOS. 1A-USGS-202, AND USGS-DO-70-009. F.A. WALTZ, AND V.I. MYERS, SOUTH DAKOTA STATE UNIV., REMOTE SENSING INSTITUTE, BROOKINGS, S.D. JUNE 1970, 108P. CONTRACT NO. DI-14-08-0001-G-25. PB-195451
NR-52-00-000-00056	COASTAL-ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH OBSERVATORY SATELLITES A AND B. PART 1. FINAL REPORT. REPORT NO. NASA-CR-111816. TRW SYSTEMS GROUP, ONE SPACE PARK, REDONDO BEACH, CALIF. FEB. 1971, 408P. CONTRACT NO. NAS1-10280. MICROFICHE COPY. N71-17262
NR-52-00-000-00057	COASTAL-ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH OBSERVATORY SATELLITES A AND B. PART 2. FINAL REPORT. REPORT NO. NASA-CR-111817. TRW SYSTEMS GROUP, ONE SPACE PARK, REDONDO BEACH, CALIF. FEB. 1971, 248P. CONTRACT NO. NAS1-10280. MICROFICHE COPY. N71-17263
NR-52-00-000-00058	COASTAL-ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH OBSERVATORY SATELLITES A AND B. SUMMARY. FINAL REPORT. REPORT NO. NASA-CR-111818. TRW SYSTEMS GROUP, ONE SPACE PARK, REDONDO BEACH, CALIF. FEB. 1971, 16P. CONTRACT NO. NAS1-10280. MICROFICHE COPY. N71-17264
NR-52-00-000-00059	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 1 - SUMMARY. FINAL REPORT. TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 111P. CONTRACT NO. NAS 5-11260. N70-34409
NR-52-00-000-00050	EARTH RESOURCES SATELLITE SYSTEM. PRESENTED TO THE COMMITTEE ON SCIENCE AND ASTRONAUTICS, U.S. HOUSE OF REPRESENTATIVES, 90TH CONGRESS, 2ND SESSION, DEC. 31, 1968. JOSEPH E. KARTH, CHAIRMAN, SUBCOMMITTEE ON SPACE SCIENCE AND APPLICATIONS. U.S. CONGRESS. HOUSE. COMMITTEE ON SCIENCE AND ASTRONAUTICS. U.S. CONGRESS. HOUSE. COMMITTEE ON SCIENCE AND ASTRONAUTICS. SERIAL W. N70-26798 MICROFICHE COPY.

EARTH RESOURCES TECHNOLOGICAL SATELLITES (ERTS)

ACCESSION NUMBER	DESCRIPTION
NR-52-00-000-00051	PICTORIAL NOISE EVALUATION IN SPACE IMAGERY. JACK J.O. PALGEN, ALLIED RESEARCH ASSOCIATES, INC., LANHAM, MARYLAND. PRESENTED AT SPIE TECHNICAL SYMPOSIUM, 15TH ANNUAL, ANAHEIM, CALIFORNIA, SEPT. 1970. 8P.
NR-52-00-000-00052	EARTH RESOURCES INFORMATION SYSTEMS USING SATELLITES, AIRCRAFT AND GROUND TEAMS - AN OPPORTUNITY FOR INTERNATIONAL COOPERATION. PHILIP G. LANGLEY, EARTH SATELLITE CORP., BERKELEY, CALIF. INTERNATIONAL ASTRONAUTICAL FEDERATION, INTERNATIONAL ASTRONAUTICAL CONGRESS, 21ST, KONSTANZ, WEST GERMANY, OCT. 1970, PAPER. 12P. A70-44679
NR-52-00-000-00053	THE EARTH RESOURCES TECHNOLOGY SATELLITES ERTS-A AND -B. WILFRED E. SCULL, NASA, GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. PRESENTED AT SOCIETY OF AUTOMOTIVE ENGINEERS, NATIONAL AERONAUTIC AND SPACE ENGINEERING AND MANUFACTURING MEETING, LOS ANGELES, CALIF., OCT. 1970 (THE SAME AS PAPER 700761) 22P. A70-45869
NR-52-EJ-011-00054	DIGITAL COMPUTER TERRAIN MAPPING FROM MULTISPECTRAL DATA. HARRY W. SMEDES, AND KENNETH L. PIERCE, USGS, DENVER, COLO., MARC G. TANGUAY, ECOLE POLYTECHNIQUE, MONTREAL, CANADA, AND ROGER M. HOFFER, PURDUE UNIV., WEST LAFAYETTE, INDIANA. AIAA, EARTH RESOURCES OBSERVATIONS AND INFORMATION SYSTEMS MEETING, ANNAPOLIS, MARYLAND, MARCH 1970, PAPER 70-309, 19P. = A70-22878. IN JOURNAL OF SPACECRAFT AND ROCKETS, VOL. 7, NO. 9, SEPT. 1970, P.1025-1031 = A70-41851. CONTRACT NO. R-09-020-015. MICROFICHE AND HARD COPY. A70-41851 A70-22878
NR-52-00-000-00060	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 2 - ERTS SYSTEM STUDIES. FINAL REPORT. REPORT NO. NASA-CR-109912 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 281P. CONTRACT NO. NAS5-11260 N70-34410
NR-52-00-000-00061	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 3 - OBSERVATORY SYSTEM DESIGN. FINAL REPORT. REPORT NO. NASA-CR-109840 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 256P. CONTRACT NO. NAS5-11260 N70-34411
NR-52-00-000-00062	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 4 - OBSERVATORY SUBSYSTEMS STUDY. FINAL REPORT. REPORT NO. NASA-CR-109917 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 529P. CONTRACT NO. NAS5-11260 N70-34412
NR-52-00-000-00063	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 5 - DATA COLLECTION SYSTEM. FINAL REPORT. TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 180P. CONTRACT NO. NAS5-11260 N70-34413
NR-52-00-000-00064	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 6 - RELIABILITY PROGRAM PLAN. FINAL REPORT. TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 66P. CONTRACT NO. NAS5-11260 N70-34414
NR-52-00-000-00065	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 7 - QUALITY PROGRAM PLAN. FINAL REPORT. REPORT NO. NASA-CR-109920 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 132P. CONTRACT NO. NAS5-11260 N70-34415
NR-52-00-000-00066	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 8 - TEST MONITORING AND CONTROL PLAN. FINAL REPORT. REPORT NO. NASA-CR-109926 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. CONTRACT NO. NAS5-11260 N70-34416
NR-52-00-000-00067	EARTH RESOURCES TECHNOLOGY SATELLITES. VOLUME 9- CONFIGURATION MANAGEMENT PLAN. FINAL REPORT. REPORT NO. NASA-CR-109922 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 93P. CONTRACT NO. NAS5-11260 N70-34417

EARTH RESOURCES TECHNOLOGICAL SATELLITES (ERTS)

ACCESSION NUMBER	DESCRIPTION
NR-52-00-000-00068	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 10- SOLDERING PROGRAM PLAN. FINAL REPORT. REPORT NO. NASA-CR-109921 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 70P. CONTRACT NO. NAS5-11260. N70-34418
NR-52-00-000-00069	EARTH RESOURCES TECHNOLOGY SATELLITES. VOLUME 11 - FAILURE REPORTING PLAN. FINAL REPORT. REPORT NO. NASA-CR-109925 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 27P. CONTRACT NO. NAS5-11260. N70-34419
NR-52-00-000-00070	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 12 - OBSERVATORY INTEGRATION AND TEST PLAN AND LAUNCH OPERATIONS PLAN. REPORT NO. NASA-CR-109927 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. FEB. 1970, 47P. CONTRACT NO. NAS5-11260. N70-34420
NR-52-00-000-00071	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 13 - GDHS STAFFING AND MATERIAL USAGE PLAN. FINAL REPORT. REPORT NO. NASA-CR-109919 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 79P. CONTRACT NO. NAS5-11260 MICROFICHE COPY N70-34421
NR-52-00-000-00072	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 14 APPENDIX- OCC AND NDPF SPECIFICATIONS. REPORT NO. NASA-CR-109918 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 165P. CONTRACT NO. NAS5-11260 MICROFICHE COPY N70-34423
NR-52-00-000-00073	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 14- GROUND DATA HANDLING SYSTEM DESIGN. REPORT NO. NASA-CR-109838 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 384P. CONTRACT NO. NAS5-11260 MICROFICHE COPY N70-34422
NR-52-00-000-00074	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 15 APPENDIX-FUNCTIONAL ANALYSIS. REPORT NO. NASA-CR-109914 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 168P. CONTRACT NO. NAS5-11260 N70-34425
NR-52-00-000-00075	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 15- GROUND DATA HANDLING SYSTEM STUDY. FINAL REPORT. REPORT NO. NASA-CR-109924 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 71P. CONTRACT NO. NAS5-11260 MICROFICHE COPY N70-34424
NR-52-00-000-00076	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 16- OPERATIONS CONTROL CENTER STUDIES. FINAL REPORT. REPORT NO. NASA-CR-109915 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 211P. CONTRACT NO. NAS5-11260 N70-34426
NR-52-00-000-00077	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 17 - NASA DATA PROCESSING FACILITY STUDIES. FINAL REPORT. REPORT NO. NASA-CR-109923 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 401P. CONTRACT NO. NAS5-11260 MICROFICHE COPY N70-34427
NR-52-00-000-00078	EARTH RESOURCES TECHNOLOGY SATELLITE. VOLUME 18 - AUTOMATIC DATA PROCESSING EQUIPMENT PROCUREMENT. FINAL REPORT. REPORT NO. NASA-CR-109916 TRW SYSTEMS GROUP, REDONDO BEACH, CALIF. APRIL 1970, 37P. CONTRACT NO. NAS5-11260 MICROFICHE COPY N70-34428

# SECTION 53 - SKY LAB

ACCESSION NUMBER	DESCRIPTION
NR-53-00-000-A0001	SKYLAB A. EREP USERS HANDBOOK, REVISED. SCIENCE REQUIREMENTS AND OPERATIONS BRANCH, NASA MANNED SPACECRAFT CENTER, HOUSTON, TEXAS. MARCH 1971, 393P. (SUPERSEDES FEB. 1971 ISSUE WHICH IS OBSOLETE).
NR-53-00-000-00001	MANNED EARTH ORBITAL MISSION; PART I (2ND EDITION) NOVEMBER 1965, PRELIMINARY MISSION DEFINITION FOR POST APOLLO MANNED EXPLORATION OF SPACE.
NR-53-00-000-00002	MANNED EARTH ORBITAL MISSION; PART II (2ND EDITION) DECEMBER 1965, PRELIMINARY MISSION DEFINITION FOR POST APOLLO MANNED EXPLORATION OF SPACE.
NR-53-00-000-00003	ORL EXPERIMENT PROGRAM. VOL. B, PART 2 - GEOLOGY/HYDROLOGY. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17048.
NR-53-00-000-00004	ORL EXPERIMENT PROGRAM. VOL. B, PART 3 - OCEANOGRAPHY/MARINE TECHNOLOGY. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17049.
NR-53-00-000-00005	ORL EXPERIMENT PROGRAM. VOL. B, PART 5 - ATMOSPHERIC SCIENCE AND TECHNOLOGY. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17051.
NR-53-00-000-00006	ORL EXPERIMENT PROGRAM. VOL. B, PART 7 - BIOMEDICINE/BEHAVIOR. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17053.
NR-53-00-000-00007	ORL EXPERIMENT PROGRAM. VOL. B, PART 8 - ADVANCED TECHNOLOGY AND SUPPORTING RESEARCH. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17054.
NR-53-00-000-00008	ORL EXPERIMENT PROGRAM. VOL. B, PART 9 - OPERATIONS TECHNIQUES AND ADVANCED MISSIONS SPACECRAFT SUBSYSTEMS. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17055.
NR-53-00-000-00009	ORL EXPERIMENT PROGRAM. VOL. B, PART 10 - EXTRAVEHICULAR ENGINEERING ACTIVITIES. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17056.
NR-53-00-000-00010	ORL EXPERIMENT PROGRAM. VOL. B, PART 11 - ASTRONOMY/ASTROPHYSICS. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17057.
NR-53-00-000-00011	ORL EXPERIMENT PROGRAM. VOL. B, PART 13 - PHYSICAL SCIENCES. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17059.
NR-53-00-000-00012	ORL EXPERIMENT PROGRAM. VOL. C - GUIDELINES FOR COMPREHENSIVE FLIGHT PROGRAM. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17060.
NR-53-00-000-00013	ORL EXPERIMENT PROGRAM. VOL. D - SUMMARY OF RESULTS. IBM CORP., FEDERAL SYSTEMS DIV., ROCKVILLE, MD. FEB. 1966. CONTRACT NUMBER NASW-1215. STAR N66-17063.

SKY LAB

ACCESSION NUMBER	DESCRIPTION
NR-53-00-000-00014	THE REMOTE SENSING OF EARTH RESOURCES FROM ORBITING VEHICLES. A.N. SILVER, MARTIN MARIETTA CORP., DENVER DIV., DENVER, COLORADO. PRESENTED AT OPERATIONS RESEARCH SOCIETY OF AMERICA, NATIONAL MEETING, 36TH, MIAMI BEACH, FLA., NOV. 1969. MICROFICHE COPY.
NR-53-00-000-00015	REMOTE SENSING OF EARTH RESOURCES FROM AN EARLY MANNED SPACE STATION. SOL ZWIRN, MC DONNELL DOUGLAS ASTRONAUTICS CO., HUNTINGTON BEACH, CALIF. PRESENTED AT THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, ANNUAL TECHNICAL SYMPOSIUM AND EXHIBORAMA, 14TH, SAN FRANCISCO, CALIF., AUG. 1969. PUBLISHED IN PHOTO-OPTICAL INSTRUMENTATION APPLICATIONS AND THEORY, SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS PROCEEDINGS, VOL. 2, AUG. 1969. PP.175-187. CONTRACT NO. NAS8-21064. A70-23760.
NR-53-00-000-00016	SPACE STATION - KEY TO THE FUTURE. REPORT NO. NASA EP-75. NASA, OFFICE OF PUBLIC AFFAIRS, WASHINGTON, D.C. 1970. N70-31579
NR-53-00-000-00017	PHOTOGRAPHY OF GROUND SITES FROM AAP ORBIT. REPORT NOS. NASA-CR-109772 AND B70-02023. D.A. DEGRAAF AND E.W. RADANY, BELLCOMM, INC., WASHINGTON, D.C. FEB. 1970. CONTRACT NO. NASW-417. N70-27747
NR-53-00-000-00018	MULTISPECTRAL PHOTOGRAPHIC FACILITY, EXPERIMENT S-190 - DEFINITIVE CONTRACT FOR. (CONTRACTOR - ITEK CORP., OPTICAL SYSTEMS DIV., LEXINGTON, MASS.) REPORT NO. MSC-TF-S190-102A NASA MANNED SPACECRAFT CENTER, SPACE SCIENCES PROCUREMENT BRANCH, HOUSTON, TEXAS. JUNE 1970. CONTRACT NO. NAS 9-10698.
NR-53-00-000-00019	MULTISPECTRAL PHOTOGRAPHIC FACILITY, EXPERIMENT S190 - PRELIMINARY ELECTRICAL, ELECTRONIC AND ELECTROMECHANICAL PARTS LIST. REPORT NO. ITEK 70-9451-8A. ITEK CORP., OPTICAL SYSTEMS DIV., LEXINGTON, MASS. JUNE 1970. CONTRACT NO. NAS 9-10698.
NR-53-00-000-00020	MULTISPECTRAL PHOTOGRAPHIC FACILITY, EXPERIMENT S190 - PRELIMINARY FAILURE MODE AND EFFECTS ANALYSIS REPORT. REPORT NO. ITEK 70-9451-7. ITEK CORP., OPTICAL SYSTEMS DIV., LEXINGTON, MASS. JUNE 1970. CONTRACT NO. NAS 9-10698
NR-53-00-000-00021	MULTISPECTRAL PHOTOGRAPHIC FACILITY, S190 - INTERFACE CONTROL DOCUMENT TO EARTH RESOURCES EXPERIMENT PACKAGE EXPERIMENT SUPPORT EQUIPMENT. REPORT NO. MSC-01007. NASA MANNED SPACECRAFT CENTER, SKYLAB PROGRAM, HOUSTON, TEXAS. JUNE 1970.
NR-53-00-000-00022	MULTISPECTRAL PHOTOGRAPHIC FACILITY, EXPERIMENT S190 - VERIFICATION PLAN FLIGHT HARDWARE. REPORT NO. ITEK 70-9451-5. ITEK CORP., OPTICAL SYSTEMS DIV., LEXINGTON, MASS. JUNE 1970. CONTRACT NO. NAS 9-10698.
NR-53-00-000-00023	MULTISPECTRAL PHOTOGRAPHIC FACILITY, EXPERIMENT S190 - PRELIMINARY NONMETALLIC MATERIALS LIST. REPORT NO. ITEK 70-9451-9A. ITEK CORP., OPTICAL SYSTEMS DIV., LEXINGTON, MASS. CONTRACT NO. NAS 9-10698.
NR-53-00-000-00024	MULTISPECTRAL PHOTOGRAPHIC FACILITY/MDA, EXPERIMENT S190 - MECHANICAL INTERFACE CONTROL DOCUMENT. REPORT NO. 13M12201. NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. MAY 1970.
NR-53-00-000-00025	MULTISPECTRAL PHOTOGRAPHIC FACILITY/MULTIPLE DUCKING ADAPTER, EXPERIMENT S190 - ELECTRICAL INTERFACE CONTROL DOCUMENT. REPORT NO. 40M35646. NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. JUNE 1970.

SKY LAB

ACCESSION NUMBER	DESCRIPTION
NR-53-00-000-00026	MULTISPECTRAL PHOTOGRAPHIC FACILITY, EXPERIMENT S-190 - FLIGHT HARDWARE CONFIGURATION SPECIFICATION FOR CP(C) 30000. REPORT NO. ITEX 70-9451-6. ITEX CORP., OPTICAL SYSTEMS DIV., LEXINGTON, MASS. JUNE 1970. CONTRACT NO. NAS 9-10698.
NR-53-00-000-00027	MULTISPECTRAL PHOTOGRAPHIC FACILITY, EXPERIMENT S190 - GSE DATA SHEETS. REPORT NO. ITEX 70-9451-10. ITEX CORP., OPTICAL SYSTEMS DIV., LEXINGTON, MASS. JUNE 1970. CONTRACT NO. NAS 9-10698.
NR-53-00-000-00028	TEN-YEAR SPACE STATION EXPERIMENT PROGRAM. WILLIAM P. PRATT, MARTIN MARIETTA CORP., DENVER, COLO., AND R.E. SMITH AND D.L. ERICKSON, MCDONNELL DOUGLAS AERONAUTICS CO., HUNTINGTON BEACH, CALIF. IN - SPACE STATIONS AND MANNED PLANETARY EXPLORATION, AMERICAN ASTRONAUTICAL SOCIETY, ANNUAL MEETING, 16TH, ANAHEIM, CALIF., JUNE 1970, PAPER AAS 70-033, 34P. A70-34802
NR-53-00-000-00029	SKYLAB. MARTIN MARIETTA, DENVER DIVISION, DENVER, COLO. JUNE 1970, PICTURE FOLDOUT.
NR-53-00-000-00030	FORECASTING THE ECONOMIC IMPACT OF FUTURE SPACE STATION OPERATIONS. REPORT NO. AIAA PAPER NO. 67-962. R.A. SUMMERS AND S.M. SMOLENSKY, NASA, WASHINGTON, D.C., AND A.H. MUIR, PLANNING RESEARCH CORP., WASHINGTON, D.C. AIAA ANNUAL MEETING AND TECHNICAL DISPLAY, 4TH, ANAHEIM, CALIF., OCT. 1967, PAPER NO. 67-962. 15P.
NR-53-00-000-00031	SKYLAB STATUS REPORT (SPACE STATION SESSION). REPORT NO. AIAA PAPER 70-1297. WILLIAM C. SCHNEIDER, NASA, WASHINGTON, D.C. AIAA, ANNUAL MEETING AND TECHNICAL DISPLAY, 7TH, HOUSTON, TEXAS, OCT. 1970, PAPER 70-1297. 24P. A70-45913
NR-53-00-000-00032	VARIATIONS IN ORBITAL ALTITUDE ATMOSPHERIC DENSITY FOR MSFC 1971-1976 SPACE STATION PROGRAMS. REPORT NO. NASA TM-X-53815. DON K. WEIDNER, G.S. WEST, AND G.R. SWENSON, AERO-ASTRODYNAMICS LABORATORY, NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. FEB. 1969, 147P.
NR-53-00-000-00033	NATURAL SPACE ENVIRONMENT CRITERIA FOR 1975-1985 NASA SPACE STATIONS. REPORT NO. NASA-TM-53865. DON K. WEIDNER, EDITOR, NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. AUG. 1969, 231P.
NR-53-00-000-00034	SKYLAB. DAVID DOOLING, JR., IN SPACEFLIGHT, VOL. 12, DEC. 1970. PP.470-475. A71-12738
NR-53-00-000-00035	AN EVALUATION OF EARTH RESOURCES OBSERVATION OPPORTUNITIES FROM AN ORBITING SATELLITE. REPORT NO. NASA-TM-X-64598. E.H. BAUER AND B.S. FERRINE, AERO-ASTRODYNAMICS LABORATORY, NASA, GEORGE C. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALABAMA. MAY 1971, 89P.



# SECTION 54 - SPACE STATIONS

ACCESSION NUMBER	DESCRIPTION
NR-54-00-000-00001	ORBITAL INTERNATIONAL LABORATORY AND SPACE SCIENCES CONFERENCE, CLOUDCROFT, NEW MEXICO, OCT. 1969, PROCEEDINGS (HOLLAMAN AFB, NEW MEXICO, AFMDC PUBLISHING MANAGEMENT BRANCH, 1970), 509P. JOHN PAUL STAPP, HAROLD J. VON BRUNN, JOHN HOWARD, AND ERNST A. STEINHOFF, EDITORS, INTERNATIONAL ACADEMY OF ASTRONAUTICS, ORBITAL INTERNATIONAL LABORATORY (OIL) COMMITTEE. A70-43626
NR-54-00-000-00002	SPACE EXPLORATION - DECADE TWO. RENE BERGLUND, (GENERAL ELECTRIC COMPANY INTERVIEW ED RENE BERGLUND, MGR. OF ADVANCED PROJECTS OFFICE, NASA, MSC.) IN CHALLENGE (GENERAL ELECTRIC COMPANY), VOL. 9, NO. 4, WINTER 1970. PP.30-33.

## PART III - SPECIAL DATA TYPES