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NTISUB/E/276-001

**LANDSAT 2
WORLD STANDARD CATALOG**

**JANUARY 1, 1979
THROUGH
JANUARY 31, 1979**

**GSFC/LWC 2-79/01
GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND**

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REPORT DOCUMENTATION PAGE	1. REPORT NO. GSFC/LWC2-79/01	2.	3. Recipient's Accession No. NTISUB/E/276-001
4. Title and Subtitle Landsat World Standard Catalog, Landsat 2			5. Report Date January 1979
7. Author(s)			6.
9. Performing Organization Name and Address National Aeronautics and Space Administration Goddard Space Flight Center Code 563 Greenbelt, Maryland 20771			8. Performing Organization Rept. No. N/A
12. Sponsoring Organization Name and Address Same as above			10. Project/Task/Work Unit No. N/A
15. Supplementary Notes Published monthly			11. Contract(C) or Grant(G) No. (C) N/A (G)
16. Abstract (Limit: 200 words) The World Standard Catalog lists imagery acquired by Landsat 2 which has been processed and input to the data files during the referenced period. Information such as cloud cover and image quality is given for each scene. The microfilm roll and frame on which the scene may be found is also given.			13. Type of Report & Period Covered 14.
17. Document Analysis & Descriptors b. Identifiers/Open-Ended Terms Landsat (formerly ERTS) ERTS Earth Resources Technology Satellite c. COSATI Field/Group			
18. Availability Statement Release unlimited		19. Security Class (This Report) UNCLASSIFIED	21. No. of Pages 68
		20. Security Class (This Page) UNCLASSIFIED	22. Price

INTRODUCTION

To provide information regarding the availability of Landsat imagery, the Image Processing Facility (IPF), at the Goddard Space Flight Center, publishes a World Standard Catalog on a monthly schedule. These catalogs identify imagery which has been processed and input to the data files during the referenced month. As a supplement to these catalogs, the Landsat imagery of several spectral bands is available on 16mm microfilm.

Film products for imagery listed in this catalog are available at a nominal price from all three agencies listed below. In addition, the 16mm microfilm can be purchased from the U.S. Department of the Interior (USDI) EROS Data Center and National Oceanic and Atmospheric Administration (NOAA). Digital tapes can be purchased only from the USDI EROS Data Center.

U.S. Department of Agriculture.....	Aerial Photography Field Office Administrative Services Division USDA-ASCS 2222 West - 2300 South Salt Lake City, Utah 84125
U.S. Department of Commerce..... National Oceanic and Atmospheric Administration	Environment Data Service Satellite Data Service Branch D543 World Weather Building Room 606 Washington, D.C. 20233
U.S. Department of the Interior..... Geological Survey	User Services Unit EROS Data Center Sioux Falls, South Dakota 57198

Additional Landsat data is acquired, processed, and archived at several other locations throughout the world. The locations of these Data Banks are:

Brazil

Instituto do Pesquisas Espaciais
Av. dos Astronautas, 1758
Caixa Postal 515
12.200 - Sao Jose dos Campos
Sao Paulo, Brazil
Attention: Dr. Nelson de Jesus Parada

Iran

Mr. Ali Ghazi
Remote Sensing and Data Collection Division
Plan and Budget Organization
Imperial Government of Iran
80 Sepand Avenue
Tehran, Iran
Attention: User Project Office

Canada

Canada Centre for Remote Sensing
2464 Sheffield Road
Ottawa, Canada
K1A 0Y7
Attention: Dr. L. Morley

Italy

Telespazio
S.P.A. Per le Comunicazioni Spaziali
Corso d'Italia 42-43
Roma 00198, Italy
Attention: Dr. G. Bressaniani

For information concerning data available in these regions, it is suggested that the above data banks be contacted directly at the above addresses.

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Coordinate Listing

MSS Sensor

SECTION 1 - STANDARD CATALOG

MONTHLY CATALOG

The coverage contained in the monthly Standard Catalog is divided into two parts. Part 1 contains a computer generated listing organized by observation identification number (ID) and includes pertinent information about each image. Part 2 provides a computer listing of observations organized by latitude/longitude.

A. Observation Identification Number (ID) Listing

Observation ID numbers are listed in sequential order from smallest number to largest. Associated with each ID number in the list is pertinent information about that observation. A sample catalog page with a description of each data item is shown in Figure 1-1.

B. Latitude/Longitude Listing

This listing contains the same observations as the observation ID listing but organizes them by coordinates using image center location information for each observation. Observations in this listing will be sorted first by latitude, and within latitude by longitude. The latitude/longitude listing is arranged in the following manner:

0-90 degrees North; 0-180 degrees East and 0-180 degrees West
followed by
0-90 degrees South; 0-180 degrees East and 0-180 degrees West

C SAMPLE OBSERVATION ID AND LATITUDE/LONGITUDE FORMAT

STANDARD CATALOG
LANDSAT 2 MSS SENSOR
FROM 01/01/78 TO 04/30/78

DATE	PERIOD	ORBIT	DAY/NITE	SUN ELEV	SUN AZIM	%CLD COVER	QUALITY	CCM	CCM	MODE	RAIN	PICTURE	PICTURE	MICROFILM	MICRFLM
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯
04/11/78	04-15	17030	03/09/78	41 33 15715	D	28.40 133.71	0 EEEE	NO	CCCL	LLLL	38.77 N	112.69 W	2-90057	0001	
		17033	03/09/78	41 34 15715	D	29.16 132.80	0 EEEE	NO	CCCL	LLLL	37.35 N	113.17 W	2-90057	0002	
		17035	03/09/78	41 35 15715	D	29.91 131.80	0 EEEE	NO	CCCL	LLLL	35.93 N	113.63 W	2-90057	0003	
		17042	03/09/78	41 36 15715	D	30.64 130.95	0 EEEE	NO	CCCL	LLLL	34.50 N	114.08 W	2-90057	0004	
		17044	03/09/78	41 37 15715	D	31.35 130.00	0 EEEE	NO	CCCL	LLLL	33.07 N	114.51 W	2-90057	0005	
		17051	03/09/78	41 38 15715	D	32.05 129.04	0 EEEE	NO	CCCL	LLLL	31.64 N	114.94 W	2-90057	0006	
		18410	03/09/78	59 20 15716	S	17.49 145.52	90 EEEE	NO	CCCL	LLLL	57.05 N	130.19 W	2-90057	0007	
		18412	03/09/78	59 21 15716	S	18.38 144.53	80 EEEE	NO	CCCL	LLLL	55.66 N	131.05 W	2-90057	0008	

Description of Data Items

- Date of catalog listing
- Period during which imagery was processed
- Observation ID
- RRV and MSS microfilm roll and image position on roll
- Date of Entry
- Estimated percent of cloud cover = 0-100%; N/A indicates cloud cover not assessed.
- Orbit number
- Latitude and Longitude at observation center
- Sun elevation and azimuth at observation center
- Image quality: P = Poor, F = Fair, E = Excellent, M = Missing. Any number in the Quality column will represent a "U" code (see page 3 for "U" codes).
- MSS Data Mode: "C" indicates that the spacecraft signal compression mode was used to acquire bands 4, 5 and 6; "L" indicates that all bands were acquired in the linear mode.
- MSS Image Gain: "L" indicates that all bands were acquired in low gain mode; "H" indicates that bands 4 and 5 were acquired by the spacecraft in the high gain mode.
- Path/Row - World frame reference system
- Day/Nite Spcl: D = daytime coverage
N = nighttime coverage (band 8 only)
S = twilight coverage (Sun elevation is between 0 and 20 degrees)
- CCM/CCM quality: CCM indicates that a color composite master exists for that image. CCM quality indicates the quality of the color composite master (P=Poor, F=Fair, E=Excellent).

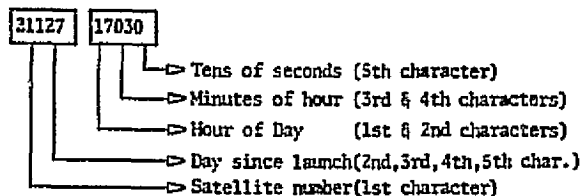


FIGURE I-1 PRINTOUT FORMAT

J-CODES

- J-Ø = M = missing images on archival film product.
- J-1 = images on archival film fail criteria because of photographic problems such as processing chemical spots or stains.
- J-2 = electron beam recorder problem evident on archival film product including:
more than 21 line drops and/or greater than 25% of image area affected;
electron beam recorder image correction failure causing image breakup;
sync lock loss; banding; window pane; false start of scan code; and data shifts.
- J-3 = spacecraft attitude parameter change rate exceeds normal limits.
- J-4 = ascending node (night) band 4-7 images on archival film or tape products (i.e., no discernable image data on bands 4-7); band 8 data available.
- J-5 = archival film bears emulsion defects which are supplier related; e.g., paint chips from film spools, film blisters, emulsion tears due to lack of adhesion.
- J-6 = partial image produced on film because of data problem; film is correctly annotated.
- J-7 = wide band video tape damaged or unavailable; digital and archival film product cannot be regenerated.
- J-8 = spacecraft data tape damaged; cannot regenerate digital product.
- J-9 = one or more tracks on wide band video tape are unrecoverable; cannot generate digital product.

2.1 GENERAL

The Image Processing Facility produces a 16mm microfilm inventory of imagery processed during the referenced month which is organized for convenient use with the Standard Catalog. The following information applies only to Standard Catalogs produced after December of 1977. Refer to Document NTISUB/C/159-012 for catalogs produced prior to January of 1978.

As in the case of the Standard Catalog, the microfilm data can contain U.S. and non-U.S. segments. Each set of microfilm images is in correspondence to a Standard Catalog, except for "J" coded images which are not microfilmed, and can be used in conjunction with the catalog for selecting desired images. A maximum of 1000 images representing one or more complete Archival rolls is contained on one roll of 16mm X 100 feet of microfilm. Because the microfilm images are intended to provide a summary of the data available, only Landsat 2 MSS Band 5 and Landsat 3 RBV (cameras 1 and 2) and MSS Bands 5 and 8 are reproduced.

2.2 INTERPRETING THE CATALOG PRINTOUT

Microfilm roll numbers contain six digits, followed by a four digit frame count.

The first digit designates the satellite. Example: 3-90001/0002 is a Landsat 3 roll. The second digit will always be a 9 to designate combined U.S. and non-U.S. coverage. The remaining 5 digits before the slash are used to sequentially number all microfilm rolls prepared within each satellite group. Example: the first roll of microfilm generated for Landsat 3 is numbered 3-90001/0002. The four digit number following the roll number designates the frame location number of the scene. Example: The second frame into the roll, described above, reads 3-90001/0002.

2.3 16mm MICROFILM ROLL FORMAT

The beginning of each roll of 16mm microfilm contains 3 information frames followed by the imagery frames.

The first frame states START OF REEL and contains the microfilm roll number. The second frame contains information about where the roll of film was produced. The third frame is a 3x3 density array target which is used as an internal quality control check.

The imagery frames which follow are in the same sequence as listed in the Standard Catalog Printout.

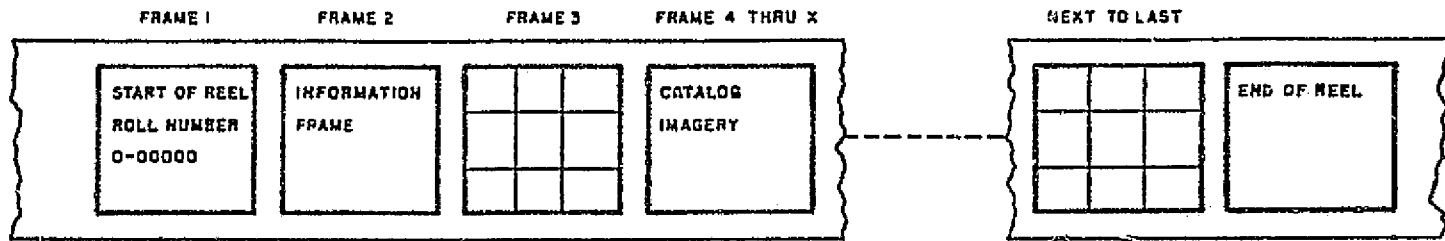


Figure 2-1 Microfilm Roll Format

2.4 MICROFILM IMAGE FORMAT

Each microfilm image contains all of the original annotation information plus two rapid search aids and a numbering system to help the user quickly reach the desired scene. See Figure 2-2.

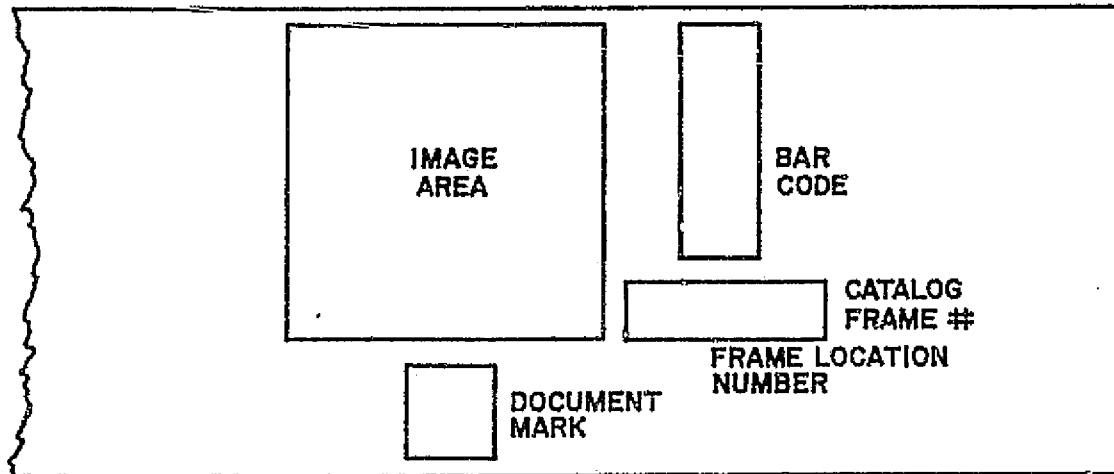


Figure 2-2 Microfilm Image Format

2.5 USER SEARCH AIDS

The User Search aids are the bar code indexing system, the document mark, and the four digit number.

A. Bar Code Indexing System

The Landsat microfilm images have been annotated with visual bar code lines to the right of each frame. The visual bar code lines graduate up the edge of the screen as the film advances and allows the user to advance rapidly to within 49 frames of his desired image. See Figure 2-3.

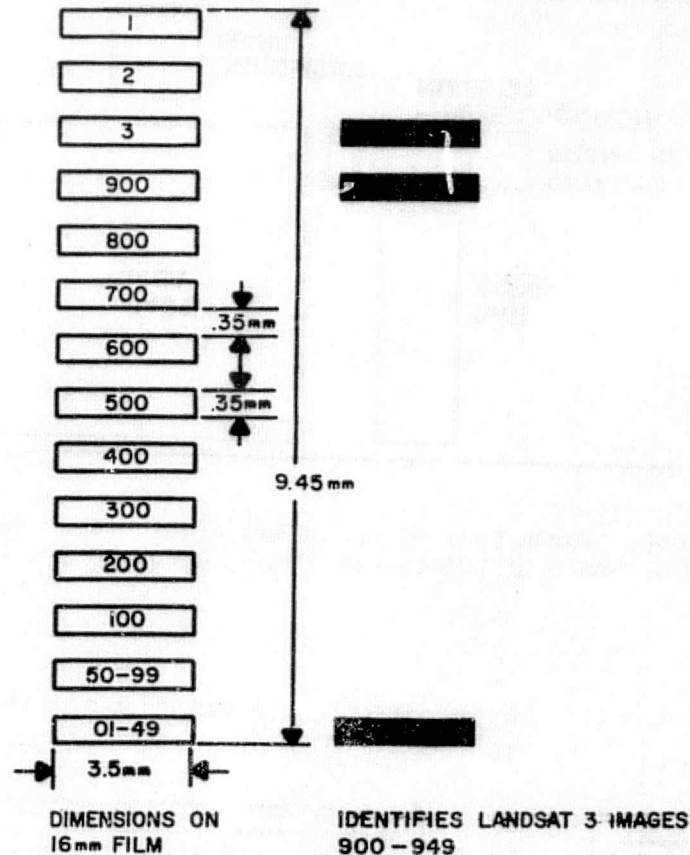


FIGURE 2-3 BAR CODE INDEXING SCALE

To utilize this system, a user must generate a bar code indexing scale to attach to the face of his viewer. The size and spacing for the bar scale is dependent upon the magnification of his viewer. Landsat imagery is microfilmed at a reduction ratio of 5.75X. To determine the overall length of a bar code indexing scale required for the users' microfilm viewer, multiply 9.45mm (14 bars and 13 spaces, each .35mm in height) by the viewer lens enlargement factor. Multiply .35mm by the viewer lens enlargement factor to determine the individual bar and space heights on the bar code indexing scale.

B. The Document Mark

The LANDSAT microfilm images have also been annotated with a document mark at the base of each frame. This type of encoding is designed for use on readers with an electronic sensing and counting capability or an odometer. To use the document mark encoding retrieval system, the film will have to be placed in a cartridge. When the cartridge is placed in a reader which contains an odometer or has a keyboard attached, the identification of the desired image is obtained from the Standard Catalog (columns 17 & 18-Microfilm Roll and Frame) and either punched on the keyboard or read via the odometer as the film advances. Using a reader configured for rapid search and retrieval, the film advances and the frames' document marks are counted by means of a photosensing light. When the appropriate number has been counted, the reader stops and the desired image is projected on the screen. Using a reader with an odometer requires the user to monitor the odometer as the film advances and stop the advance of the film in the vicinity of the required frame. (See Figure 2-4.)

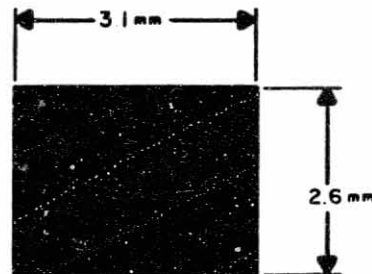


Figure 2-4 Document Mark Size on 16mm Microfilm

SECTION 5 - LANDSAT 2 CYCLFS

CYCLE	DAYS SINCE LAUNCH		CALENDAR DATE		CYCLE	DAYS SINCE LAUNCH		CALENDAR DATE	
	BEGIN	END	BEGIN	END		BEGIN	END	BEGIN	END
38	689	706	11 Dec 76	28 Dec 76	55	995	1012	13 Oct 77	30 Oct 77
39	707	724	29 Dec 76	15 Jan 77	56	1013	1030	31 Oct 77	17 Nov 77
40	725	742	16 Jan 77	2 Feb 77	57	1031	1048	18 Nov 77	5 Dec 77
41	743	760	3 Feb 77	20 Feb 77	58	1049	1066	6 Dec 77	23 Dec 77
42	761	778	21 Feb 77	10 Mar 77	59	1067	1084	24 Dec 77	10 Jan 78
43	779	796	11 Mar 77	28 Mar 77	60	1085	1102	11 Jan 78	28 Jan 78
44	797	814	29 Mar 77	15 Apr 77	61	1103	1120	29 Jan 78	15 Feb 78
45	815	832	16 Apr 77	3 May 77	62	1121	1138	16 Feb 78	5 Mar 78
46	833	850	4 May 77	21 May 77	63	1139	1156	6 Mar 78	23 Mar 78
47	851	868	22 May 77	8 Jun 77	64	1157	1174	24 Mar 78	10 Apr 78
48	869	886	9 Jun 77	26 Jun 77	65	1175	1192	11 Apr 78	28 Apr 78
49	887	904	27 Jun 77	14 Jul 77	66	1193	1210	29 Apr 78	16 May 78
50	905	922	15 Jun 77	1 Aug 77	67	1211	1228	17 May 78	3 Jun 78
51	923	940	2 Aug 77	19 Aug 77	68	1229	1246	4 Jun 78	21 Jun 78
52	941	958	20 Aug 77	6 Sep 77	69	1247	1264	22 Jun 78	9 Jul 78
53	959	976	7 Sep 77	24 Sep 77	70	1265	1282	10 Jul 78	27 Jul 78
54	977	994	25 Sep 77	12 Oct 77	71	1283	1300	28 Jul 78	14 Aug 78

LANDSAT 2 CYCLES (Cont'd)

CYCLE	DAYS SINCE LAUNCH		CALENDAR DATE		CYCLE	DAYS SINCE LAUNCH		CALENDAR DATE	
	BEGIN	END	BEGIN	END		BEGIN	END	BEGIN	END
72	1301	1318	15 Aug 78	1 Sep 78	76	1373	1390	26 Oct 78	12 Nov 78
73	1319	1336	2 Sep 78	19 Sep 78	77	1391	1408	13 Nov 78	30 Nov 78
74	1337	1354	20 Sep 78	7 Oct 78	78	1409	1426	1 Dec 78	18 Dec 78
75	1355	1372	8 Oct 78	25 Oct 78	79	1427	1444	19 Dec 78	5 Jan 79
					80	1445	1462	6 Jan 79	23 Jan 79
					81	1463	1480	24 Jan 79	10 Feb 79

SECTION 4

**LANDSAT 2
OBSERVATION ID LISTING**

GODDARD SPACE FLIGHT CENTER
LANDSAT IMAGE PROCESSING FACILITY
INFORMATION PRODUCTION AND CONTROL SYSTEM

ARCHIVAL IMAGE REPORT -ARCHIM
STANDARD CATALOG
LANDSAT 2 MSS SENSOR
FROM 01/01/79 TO 01/31/79

02/26/79
00:12

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM QLTY	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2119604421	01/21/79	163	22	16670	D	44.70	137.82	NA	MMMM	NO		CCCL	LLLL	54.29 N	078.92 E	0	0
2119604424	01/21/79	163	23	16670	D	45.45	136.07	NA	MMMM	NO		CCCL	LLLL	52.89 N	078.17 E	0	0
2119604430	01/21/79	163	24	16670	D	46.17	134.31	NA	MMMM	NO		CCCL	LLLL	51.50 N	077.45 E	0	0
2119604433	01/21/79	163	25	16670	D	46.87	132.53	NA	MMMM	NO		CCCL	LLLL	50.10 N	076.77 E	0	0
2119604435	01/21/79	163	26	16670	D	47.53	130.75	NA	MMMM	NO		CCCL	LLLL	48.69 N	076.12 E	0	0
2119604442	01/21/79	163	27	16670	D	48.17	128.92	NA	MMMM	NO		CCCL	LLLL	47.28 N	075.50 E	0	0
2119604444	01/21/79	163	28	16670	D	48.78	127.06	NA	MMMM	NO		CCCL	LLLL	45.87 N	074.91 E	0	0
2119604451	01/21/79	163	29	16670	D	49.35	125.18	NA	MMMM	NO		CCCL	LLLL	44.46 N	074.35 E	0	0
2119604453	01/21/79	163	30	16670	D	49.88	123.28	NA	MMMM	NO		CCCL	LLLL	43.04 N	073.80 E	0	0
2119606244	01/21/79	181	20	16671	D	43.15	141.32	NA	MMMM	NO		CCCL	LLLL	57.04 N	054.80 E	0	0
2119606251	01/21/79	181	21	16671	D	43.95	139.57	NA	MMMM	NO		CCCL	LLLL	55.65 N	053.95 E	0	0
2119606253	01/21/79	181	22	16671	D	44.73	137.81	NA	MMMM	NO		CCCL	LLLL	54.26 N	053.15 E	0	0
2119803101	01/21/79	147	21	16697	D	44.46	139.47	100	EEPE	NO		CCCL	LLLL	55.58 N	102.67 E	290083	742
2119803103	01/21/79	147	22	16697	D	45.24	137.62	100	EEPE	NO		CCCL	LLLL	54.29 N	101.86 E	290083	743
2119803110	01/21/79	147	23	16697	D	45.99	135.83	90	EEFE	NO		CCCL	LLLL	52.90 N	101.11 E	290083	744
2119803192	01/21/79	147	43	16697	D	53.14	096.14	20	EEEE	NO		CCCL	LLLL	24.48 N	091.00 E	290083	745
2119803194	01/21/79	147	44	16697	D	53.02	094.10	20	EEEE	NO		CCCL	LLLL	23.04 N	090.62 E	290083	746
2119803201	01/21/79	147	45	16697	D	52.85	092.08	10	EEEF	NO		CCCL	LLLL	21.61 N	090.25 E	290083	747
2122320594	01/18/79	83	10	17056	D	40.36	161.25	NA	MMMM	NO		CCCL	LLLL	70.48 N	151.09 W	0	0
2122321000	01/18/79	83	11	17056	D	41.34	158.50	NA	MMMM	NO		CCCL	LLLL	69.19 N	153.12 W	0	0
2122321003	01/18/79	83	12	17056	D	42.29	155.93	NA	MMMM	NO		CCCL	LLLL	67.90 N	154.92 W	0	0
2122321005	01/18/79	83	13	17056	D	43.23	153.50	NA	MMMM	NO		CCCL	LLLL	66.58 N	156.56 W	0	0
2122321012	01/18/79	83	14	17056	D	44.15	151.17	NA	MMMM	NO		CCCL	LLLL	65.24 N	158.02 W	0	0
2122321014	01/18/79	83	15	17056	D	45.05	148.92	NA	MMMM	NO		CCCL	LLLL	63.89 N	159.35 W	0	0
2122321021	01/18/79	83	16	17056	D	45.92	146.75	NA	MMMM	NO		CCCL	LLLL	62.54 N	160.58 W	0	0
2122321023	01/18/79	83	17	17056	D	46.76	144.60	NA	MMMM	NO		CCCL	LLLL	61.17 N	161.71 W	0	0
2122321025	01/18/79	83	18	17056	D	47.59	142.50	NA	MMMM	NO		CCCL	LLLL	59.81 N	162.75 W	0	0
2122321032	01/18/79	83	19	17056	D	48.39	140.38	NA	MMMM	NO		CCCL	LLLL	58.43 N	163.72 W	0	0
2122321034	01/18/79	83	20	17056	D	49.15	138.30	NA	MMMM	NO		CCCL	LLLL	57.05 N	164.63 W	0	0
2124419373	01/27/79	68	17	17348	D	48.27	142.77	80	EEEE	NO		CCCL	LLLL	61.13 N	140.13 W	290084	39
2126414480	01/03/79	16	36	17624	D	55.19	100.30	NA	MMMM	NO		CCCL	LLLL	34.46 N	078.11 W	0	0
2126414482	01/03/79	16	37	17624	D	55.14	098.02	50	FFFF	NO		CCCL	LLLL	33.04 N	078.55 W	290083	172
2126414485	01/03/79	16	38	17624	D	55.04	095.76	60	FFFF	NO		CCCL	LLLL	31.61 N	078.97 W	290083	173
2126414491	01/03/79	16	39	17624	D	54.89	093.54	60	FFFF	NO		CCCL	LLLL	30.18 N	079.38 W	290083	174
2126414494	01/03/79	16	40	17624	D	54.68	091.34	30	FEFE	NO		CCCL	LLLL	28.75 N	079.80 W	290083	175
2126414500	01/03/79	16	41	17624	D	54.43	089.19	40	FFFE	NO		CCCL	LLLL	27.32 N	080.20 W	290083	176

ARCHIVAL IMAGE REPORT -ARCHIM
 STANDARD CATALOG
 LANDSAT 2 MSS SENSOR
 FROM 01/01/79 TO 01/31/79

02/26/79
 00:14

PAGE 2

OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2126414502	01/03/79	16	42	17624	D	54.12	087.08	50	FFFE	NO	CCCL	LLLL	25.88 N	080.59 W	290083	177
2126414505	01/03/79	16	43	17624	D	53.77	085.02	NA	2222	NO	CCCL	LLLL	24.45 N	080.98 W	0	0
2130613482	01/27/79	4	53	18209	D	49.61	082.57	60	E666	NO	CCCL	LLLL	10.08 N	067.39 W	290084	40
2130613484	01/27/79	4	54	18209	D	49.16	080.90	70	EEFE	NO	CCCL	LLLL	08.64 N	067.73 W	290084	41
2130615284	01/27/79	22	46	18210	D	51.50	095.33	40	EEEE	NO	CCCL	LLLL	20.15 N	090.73 W	290084	42
2130615290	01/27/79	22	47	18210	D	51.36	093.43	40	EEEE	NO	CCCL	LLLL	18.71 N	091.10 W	290084	43
2130701473	01/27/79	130	44	18216	D	51.60	099.44	80	EEFE	NO	CCCL	LLLL	23.02 N	115.08 E	290084	44
2130701555	01/27/79	130	64	18216	D	42.98	067.28	30	FEFE	NO	CCCL	LLLL	05.76 S	108.13 E	290084	45
2130701561	01/27/79	130	65	18216	D	42.19	066.17	50	EEFE	NO	CCCL	LLLL	07.20 S	107.80 E	290084	46
2130703213	01/27/79	148	22	18217	D	41.87	139.27	50	EEFF	NO	CCCL	LLLL	54.26 N	100.50 E	290084	47
2130703290	01/27/79	148	40	18217	D	51.28	107.26	90	EEEE	NO	CCCL	LLLL	28.75 N	090.83 E	290084	48
2130703293	01/27/79	148	41	18217	D	51.43	105.32	70	EEFE	NO	CCCL	LLLL	27.32 N	090.43 E	290084	49
2130703295	01/27/79	148	42	18217	D	51.53	103.37	80	EEFE	NO	CCCL	LLLL	25.89 N	090.04 E	290084	50
2130703302	01/27/79	148	43	18217	D	51.59	101.41	60	EEFE	NO	CCCL	LLLL	24.45 N	089.65 E	290084	51
2132315173	01/07/79	21	31	18447	D	44.15	130.81	10	EEEE	NO	CCCL	LLLL	41.59 N	082.93 W	290083	1
2132315175	01/07/79	21	32	18447	D	44.84	129.27	0	EEFE	NO	CCCL	LLLL	40.17 W	083.44 W	290083	2
2132315182	01/07/79	21	33	18447	D	45.49	127.71	0	EEEE	NO	CCCL	LLLL	38.75 N	083.93 W	290083	3
2132315184	01/07/79	21	34	18447	D	46.11	126.13	10	EEFE	NO	CCCL	LLLL	37.33 N	084.40 W	290083	4
2132315191	01/07/79	21	35	18447	D	46.70	124.53	10	EEEE	NO	CCCL	LLLL	35.90 N	084.86 W	290083	5
2132315193	01/07/79	21	36	18447	D	47.25	122.90	10	EEEE	NO	CCCL	LLLL	34.47 N	085.30 W	290083	6
2132315200	01/07/79	21	37	18447	D	47.78	121.23	20	EEEE	NO	CCCL	LLLL	33.04 N	085.73 W	290083	7
2132315202	01/07/79	21	38	18447	D	48.26	119.53	10	EEFE	NO	CCCL	LLLL	31.61 N	086.16 W	290083	8
2132315205	01/07/79	21	39	18447	D	48.71	117.81	10	EEEE	NO	CCCL	LLLL	30.18 N	086.58 W	290083	9
2138307394	01/07/79	188	83	19279	D	47.49	076.38	40	EEFF	NO	CCCL	LLLL	33.05 S	017.91 E	290083	10
2138312511	01/07/79	242	87	19282	D	44.87	071.89	40	EEFE	NO	CCCL	HHLL	38.75 S	061.31 W	290083	11
2138312513	01/07/79	242	88	19282	D	44.13	070.90	NA	F22F	NO	CCCL	HHLL	40.17 S	061.82 W	290083	12
2138314231	01/07/79	9	60	19283	D	50.28	115.01	70	EEFF	NO	CCCL	LLLL	00.00 S	076.90 W	290083	13
2138314233	01/07/79	9	61	19283	D	50.66	113.30	90	EEFP	NO	CCCL	LLLL	01.44 S	077.25 W	290083	14
2138314254	01/07/79	9	66	19283	D	51.89	104.42	50	EEFF	NO	CCCL	HHLL	08.65 S	078.93 W	290083	15
2138315581	01/07/79	27	40	19284	D	35.89	141.08	70	EEFE	NO	CCCL	LLLL	28.74 N	095.56 W	290083	16
2138323073	01/07/79	99	79	19288	D	49.71	082.18	10	EEFE	NO	CCCL	LLLL	27.33 S	147.25 E	290083	17
2138323100	01/07/79	99	85	19288	D	46.34	074.21	80	EEPE	NO	CCCL	LLLL	35.90 S	144.68 E	290083	18
2138400490	01/07/79	117	75	19289	D	51.20	088.62	10	EEEE	NO	CCCL	LLLL	21.59 S	122.94 E	290083	19
2138400493	01/07/79	117	76	19289	D	50.89	086.95	NA	MMMM	NO	CCCL	LLLL	23.03 S	122.57 E	0	0
2138402251	01/07/79	135	58	19290	D	49.33	118.54	50	EEFE	NO	CCCL	LLLL	02.87 N	103.02 E	290083	20
2138402254	01/07/79	135	59	19290	D	49.80	116.91	40	FEFF	NO	CCCL	LLLL	01.43 N	102.68 E	290083	21
2138606005	01/07/79	173	52	19320	D	45.39	128.26	10	EEFE	NO	CCCL	LLLL	11.52 N	050.54 E	290083	22
2138606012	01/07/79	173	53	19320	D	46.08	126.90	0	FEFE	NO	CCCL	LLLL	10.08 N	050.19 E	290083	23
2138609270	01/07/79	209	51	19322	D	44.66	129.60	0	EEFE	NO	CCCL	LLLL	12.95 N	000.68 W	290083	24
2138609272	01/07/79	209	52	19322	D	45.38	128.27	0	FEFE	NO	CCCL	LLLL	11.51 N	001.02 W	290083	25

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2138609275	01/07/79	209	53	19322	D	46.08	126.91	10	EFPE	NO	CCCL	LLLL	10.07	N 001.37	W	290083	26
2138609281	01/07/79	209	54	19322	D	46.74	125.51	10	FEFE	NO	CCCL	LLLL	08.63	N 001.72	W	290083	27
2138609284	01/07/79	209	55	19322	D	47.37	124.06	80	EEFE	NO	CCCL	LLLL	07.19	N 002.06	W	290083	28
2138702410	01/07/79	138	54	19332	D	46.61	125.78	40	EEEE	NO	CCCL	LLLL	08.64	N 100.05	E	290083	29
2138702412	01/07/79	138	55	19332	D	47.25	124.34	20	EEFE	NO	CCCL	LLLL	07.20	N 099.71	E	290083	30
2138706020	01/07/79	174	41	19334	D	35.95	140.90	0	EEFE	NO	CCCL	HHLL	27.32	N 053.15	E	290083	31
2138706023	01/07/79	174	42	19334	D	36.89	139.95	10	EEFE	NO	CCCL	HHLL	25.89	N 052.76	E	290083	32
2138706025	01/07/79	174	43	19334	D	37.82	138.97	10	EEFE	NO	CCCL	HHLL	24.45	N 052.38	E	290083	33
2138706064	01/07/79	174	52	19334	D	45.21	128.58	0	EEFE	NO	CCCL	LLLL	11.52	N 049.11	E	290083	34
2138706070	01/07/79	174	53	19334	D	45.92	127.22	0	FEFE	NO	CCCL	LLLL	10.08	N 048.78	E	290083	35
2138709325	01/07/79	210	51	19336	D	44.47	129.91	10	FE2E	NO	CCCL	LLLL	12.95	N 002.13	W	290083	36
2138709331	01/07/79	210	52	19336	D	45.20	128.60	10	FF2E	NO	CCCL	LLLL	11.51	N 002.48	W	290083	37
2138709334	01/07/79	210	53	19336	D	45.90	127.25	10	FF2E	NO	CCCL	LLLL	10.07	N 002.82	W	290083	38
2138709340	01/07/79	210	54	19336	D	46.57	125.87	40	FF2E	NO	CCCL	LLLL	08.63	N 003.16	W	290083	39
2138709343	01/07/79	210	55	19336	D	47.21	124.43	90	EEFE	NO	CCCL	LLLL	07.19	N 003.51	W	290083	40
2138801121	01/07/79	121	75	19345	D	51.47	090.43	0	EE2E	NO	CCCL	LLLL	21.59	S 117.20	E	290083	41
2138801124	01/07/79	121	76	19345	D	51.21	088.75	0	EE2E	NO	CCCL	LLLL	23.03	S 116.84	E	290083	42
2138801130	01/07/79	121	77	19345	D	50.90	087.07	0	FFPF	NO	CCCL	LLLL	24.46	S 116.46	E	290083	43
2139101193	01/21/79	124	51	19387	D	43.79	130.97	50	FEFE	NO	CCCL	LLLL	12.95	N 121.18	E	290083	643
2139106242	01/21/79	178	39	19390	D	33.06	143.39	100	FFFE	NO	CCCL	HHLL	30.18	N 048.21	E	290083	644
2139106245	01/21/79	178	40	19390	D	34.04	142.53	100	FFFE	NO	CCCL	HHLL	28.75	N 047.80	E	290083	645
2139106315	01/21/79	178	57	19390	D	47.83	122.81	60	EEFE	NO	CCCL	LLLL	04.32	N 041.67	E	290083	646
2139106322	01/21/79	178	58	19390	D	48.40	121.29	90	FFEE	NO	CCCL	LLLL	02.87	N 041.33	E	290083	647
2139108133	01/21/79	196	53	19391	D	45.21	128.50	0	FFFE	NO	CCCL	LLLL	10.08	N 017.21	E	290083	648
2139108135	01/21/79	196	54	19391	D	45.91	127.14	0	FFFE	NO	CCCL	LLLL	08.64	N 016.87	E	290083	649
2139109565	01/21/79	214	53	19392	D	45.20	128.50	60	FF2E	NO	CCCL	LLLL	10.08	N 008.56	W	290083	650
2139109571	01/21/79	214	54	19392	D	45.90	127.15	50	FF2E	NO	CCCL	LLLL	08.63	N 008.91	W	290083	651
2139109573	01/21/79	214	55	19392	D	46.57	125.77	80	FFFE	NO	CCCL	LLLL	07.19	N 009.25	W	290083	652
2139113355	01/21/79	250	83	19394	D	48.64	079.46	60	FFFF	NO	CCCL	HHLL	33.05	S 070.98	W	290083	653
2139113361	01/21/79	250	84	19394	D	48.09	078.13	20	EEFE	NO	CCCL	HHLL	34.48	S 071.42	W	290083	654
2139113364	01/21/79	250	85	19394	D	47.51	076.85	20	EEFE	NO	CCCL	HHLL	35.90	S 071.87	W	290083	655
2139113370	01/21/79	250	86	19394	D	46.89	075.65	10	EEFE	NO	CCCL	HHLL	37.32	S 072.33	W	290083	656
2139113373	01/21/79	250	87	19394	D	46.24	074.50	20	EEEE	NO	CCCL	HHLL	38.75	S 072.81	W	290083	657
2139113375	01/21/79	250	88	19394	D	45.56	073.42	70	EEEE	NO	CCCL	HHLL	40.17	S 073.30	W	290083	658
2139114593	01/14/79	17	36	19395	D	29.95	145.89	0	FEFE	NO	CCCL	LLLL	34.47	N 079.58	W	290083	731
2139114595	01/14/79	17	37	19395	D	30.96	145.10	10	EEEE	NO	CCCL	LLLL	33.05	N 080.01	W	290083	732
2139115002	01/14/79	17	38	19395	D	31.97	144.28	10	FEFE	NO	CCCL	LLLL	31.62	N 080.44	W	290083	733
2139115004	01/14/79	17	39	19395	D	32.97	143.44	30	FEFE	NO	CCCL	LLLL	30.19	N 080.85	W	290083	734
2139115011	01/14/79	17	40	19395	D	33.95	142.58	10	EEEE	NO	CCCL	LLLL	28.75	N 081.26	W	290083	735
2139115013	01/14/79	17	41	19395	D	34.93	141.69	10	EEEE	NO	CCCL	LLLL	27.32	N 081.66	W	290083	736

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2139115020	01/14/79	17	42	19395	D	35.88	140.78	10	FFEE	NO			CCCL LLLL	25.89 N 082.05 W	290083	737
2139203002	01/21/79	143	31	19402	D	24.58	149.70	0	EEPE	NO			CCCL LLLL	41.58 N 102.09 E	290083	659
2139206374	01/21/79	179	57	19404	D	47.69	123.14	40	FEFE	NO			CCCL LLLL	04.31 N 040.25 E	290083	660
2139206380	01/21/79	179	58	19404	D	48.26	121.63	90	EEFE	NO			CCCL LLLL	02.87 N 039.91 E	290083	661
2139208192	01/21/79	197	53	19405	D	45.04	128.77	0	EEPE	NO			CCCL LLLL	10.08 N 015.77 E	290083	662
2139208194	01/21/79	197	54	19405	D	45.74	127.43	0	EEPE	NO			CCCL LLLL	08.64 N 015.43 E	290083	663
2139208221	01/21/79	197	60	19405	D	49.29	118.56	90	EEFE	NO			CCCL LLLL	00.00 S 013.42 E	290083	664
2139215045	01/21/79	18	35	19409	D	28.67	146.79	80	EEFE	NO			CCCL LLLL	35.90 N 080.56 W	290083	665
2139215052	01/21/79	18	36	19409	D	29.70	146.01	100	EEFF	NO			CCCL LLLL	34.48 N 081.01 W	290083	666
2139215054	01/21/79	18	37	19409	D	30.73	145.22	60	EEFE	NO			CCCL LLLL	33.05 N 081.45 W	290083	667
2139215061	01/21/79	18	38	19409	D	31.74	144.41	30	EEFF	NO			CCCL LLLL	31.62 N 081.88 W	290083	668
2139215063	01/21/79	18	39	19409	D	32.74	143.58	20	EEFF	NO			CCCL LLLL	30.19 N 082.29 W	290083	669
2139215070	01/21/79	18	40	19409	D	33.73	142.73	10	EEFF	NO			CCCL LLLL	28.76 N 082.70 W	290083	670
2139215072	01/21/79	18	41	19409	D	34.70	141.85	10	EEEE	NO			CCCL LLLL	27.32 N 083.10 W	290083	671
2139315083	01/18/79	19	30	19423	D	23.13	150.54	90	MEEE	NO			CCCL LLLL	43.00 N 079.53 W	290083	687
2139315090	01/18/79	19	31	19423	D	24.21	149.83	90	2EEE	NO			CCCL LLLL	41.59 N 080.06 W	290083	688
2139315092	01/18/79	19	32	19423	D	25.28	149.11	60	FEFE	NO			CCCL LLLL	40.17 N 080.57 W	290083	689
2139315095	01/18/79	19	33	19423	D	26.34	148.38	100	EEFE	NO			CCCL LLLL	38.75 N 081.06 W	290083	690
2139315101	01/18/79	19	34	19423	D	27.39	147.64	100	FEFE	NO			CCCL LLLL	37.33 N 081.54 W	290083	691
2139315104	01/18/79	19	35	19423	D	28.43	146.89	100	FEFE	NO			CCCL LLLL	35.90 N 082.00 W	290083	692
2139315110	01/18/79	19	36	19423	D	29.46	146.13	90	EEFE	NO			CCCL LLLL	34.48 N 082.45 W	290083	693
2139315113	01/18/79	19	37	19423	D	30.48	145.35	70	EEEE	NO			CCCL LLLL	33.05 N 082.89 W	290083	694
2139315115	01/18/79	19	38	19423	D	31.50	144.55	60	EEEE	NO			CCCL LLLL	31.62 N 083.32 W	290083	695
2139315122	01/18/79	19	39	19423	D	32.50	143.72	50	EEEE	NO			CCCL LLLL	30.19 N 083.73 W	290083	696
2139315124	01/18/79	19	40	19423	D	33.50	142.87	50	FEFE	NO			CCCL LLLL	28.76 N 084.13 W	290083	697
2139400040	01/12/79	109	76	19428	D	51.50	091.28	30	EEFE	NO			CCCL LLLL	23.02 S 134.02 E	290083	443
2139401395	01/12/79	127	58	19429	D	47.99	122.26	50	EEFE	NO			CCCL LLLL	02.88 N 114.46 E	290083	444
2139401401	01/12/79	127	59	19429	D	48.55	120.72	NA	MMMM	NO			CCCL LLLL	01.44 N 114.11 F		0
2139404585	01/12/79	163	40	19431	D	33.36	142.96	0	EEFE	NO			CCCL LLLL	28.75 N 069.32 E	290083	445
2139404592	01/12/79	163	41	19431	D	34.34	142.10	0	EEFF	NO			CCCL LLLL	27.32 N 068.92 E	290083	446
2139404594	01/12/79	163	42	19431	D	35.30	141.21	0	FFPF	NO			CCCL LLLL	25.89 N 068.53 E	290083	447
2139405001	01/12/79	163	43	19431	D	36.25	140.29	10	FFPF	NO			CCCL LLLL	24.45 N 068.14 E	290083	448
2139406444	01/12/79	181	46	19432	D	38.99	137.37	90	EEFE	NO			CCCL HLLL	20.15 N 041.20 E	290083	449
2139406464	01/12/79	181	51	19432	D	43.19	131.78	10	EEFE	NO			CCCL LLLL	12.96 N 039.42 E	290083	450
2139406471	01/12/79	181	52	19432	D	43.96	130.52	10	FEFE	NO			CCCL LLLL	11.52 N 039.08 E	290083	451
2139420191	01/14/79	74	18	19440	S	09.56	159.75	10	FFFF	NO			CCCL LLLL	59.74 N 149.75 W	290083	738
2139420194	01/14/79	74	19	19440	S	10.69	158.84	40	2EFE	NO			CCCL LLLL	58.37 N 150.72 W	290083	739
2139515203	01/28/79	21	31	19451	D	23.72	149.98	100	EEPE	NO			CCCL LLLL	41.59 N 082.93 W	290083	593
2139515210	01/28/79	21	32	19451	D	24.79	149.27	100	EEPE	NO			CCCL LLLL	40.17 N 083.43 W	290083	594
2139515212	01/28/79	21	33	19451	D	25.86	148.55	100	FFPF	NO			CCCL LLLL	38.74 N 083.92 W	290083	595

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2139515215	01/28/79	21	34	19451	D	26.92	147.82	90	FFPF	NO			CCCL LLLL 37.32 N	084.39 W	290083	596
2139701512	01/27/79	130	44	19471	D	36.59	139.78	60	FFEE	NO			CCCL LLLL 23.02 N	115.10 E	290083	85
2139718543	01/14/79	59	21	19481	S	12.23	157.20	10	MEEE	NO			CCCL LLLL 55.62 N	130.97 W	290083	629
2139718550	01/14/79	59	22	19481	S	13.34	156.43	30	EFFE	NO			CCCL LLLL 54.23 N	131.78 W	290083	630
2139718552	01/14/79	59	23	19481	S	14.45	155.69	10	PF1E	NO			CCCL LLLL 52.84 N	132.54 W	290083	631
2139801571	01/27/79	131	44	19485	D	36.39	139.92	30	EEFE	NO			CCCL LLLL 23.02 N	113.65 E	290083	86
2139801573	01/27/79	131	45	19485	D	37.32	138.97	40	EEFE	NO			CCCL LLLL 21.58 N	113.28 E	290083	87
2139805225	01/27/79	167	42	19487	D	34.43	141.75	10	EEFE	NO			CCCL HLLL 25.89 N	062.79 E	290083	88
2139805232	01/27/79	167	43	19487	D	35.40	140.86	10	EEFF	NO			CCCL HLLL 24.45 N	062.40 E	290083	89
2139807093	01/27/79	185	50	19488	D	41.63	133.81	0	EEPE	NO			CCCL LLLL 14.40 N	034.03 E	290083	90
2139807095	01/27/79	185	51	19488	D	42.44	132.66	10	EEFE	NO			CCCL LLLL 12.96 N	033.68 E	290083	91
2139808531	01/27/79	203	51	19489	D	42.43	132.67	10	EEFE	NO			CCCL LLLL 12.96 N	007.85 E	290083	92
2139808533	01/27/79	203	52	19489	D	43.22	131.50	10	EEFE	NO			CCCL LLLL 11.52 N	007.51 E	290083	93
2139812341	01/27/79	239	86	19491	D	47.70	077.95	NA	MMMM	NO			CCCL HLLL 37.31 S	056.61 W	0	0
2139812344	01/27/79	239	87	19491	D	47.10	076.75	NA	MMMM	NO			CCCL HLLL 38.73 S	057.09 W	0	0
2139814103	01/27/79	6	69	19492	D	51.65	105.43	20	EEEE	NO			CCCL HLLL 12.96 S	075.70 W	290083	94
2139814105	01/27/79	6	70	19492	D	51.78	103.64	10	FFEE	NO			CCCL HLLL 14.40 S	076.04 W	290083	95
2139815361	01/27/79	24	27	19493	S	18.67	152.89	70	EEEE	NO			CCCL LLLL 47.24 N	085.01 W	290083	191
2139815364	01/27/79	24	28	19493	S	19.76	152.20	80	EEEE	NO			CCCL LLLL 45.83 N	085.60 W	290083	192
2139815370	01/27/79	24	29	19493	D	20.86	151.52	70	EEEE	NO			CCCL LLLL 44.42 N	086.17 W	290083	193
2139815373	01/27/79	24	30	19493	D	21.95	150.84	100	EEEE	NO			CCCL LLLL 43.01 N	086.73 W	290083	194
2139815375	01/27/79	24	31	19493	D	23.02	150.15	100	EEEE	NO			CCCL LLLL 41.60 N	087.26 W	290083	195
2139815382	01/27/79	24	32	19493	D	24.10	149.46	100	EEEE	NO			CCCL LLLL 40.18 N	087.77 W	290083	196
2139815384	01/27/79	24	33	19493	D	25.16	148.77	100	EEEE	NO			CCCL LLLL 38.76 N	088.27 W	290083	197
2139815391	01/27/79	24	34	19493	D	26.22	148.06	100	EEEE	NO			CCCL LLLL 37.34 N	088.75 W	290083	198
2139815393	01/27/79	24	35	19493	D	27.27	147.34	80	EEEE	NO			CCCL LLLL 35.91 N	089.20 W	290083	199
2139815400	01/27/79	24	36	19493	D	28.31	146.61	90	EEEE	NO			CCCL LLLL 34.48 N	089.64 W	290083	200
2139815402	01/27/79	24	37	19493	D	29.34	145.86	80	EEEE	NO			CCCL LLLL 33.05 N	090.07 W	290083	201
2139815405	01/27/79	24	38	19493	D	30.36	145.09	40	FFEE	NO			CCCL LLLL 31.62 N	090.50 W	290083	202
2139815411	01/27/79	24	39	19493	D	31.37	144.30	30	EEEE	NO			CCCL LLLL 30.19 N	090.90 W	290083	203
2139815414	01/27/79	24	40	19493	D	32.38	143.50	90	EEEE	NO			CCCL LLLL 28.76 N	091.31 W	290083	204
2139817191	01/21/79	42	26	19494	S	17.55	153.58	30	EEEE	NO			CCCL LLLL 48.64 N	110.20 W	290083	748
2139822512	01/21/79	96	80	19497	D	50.53	086.59	0	FFEE	NO			CCCL LLLL 28.75 S	151.10 E	290083	672
2139822530	01/21/79	96	84	19497	D	48.82	080.70	10	EEEE	NO			CCCL LLLL 34.46 S	149.39 E	290083	673
2139902030	01/21/79	132	44	19499	D	36.17	140.06	30	EEEE	NO			CCCL LLLL 23.02 N	112.21 E	290083	674
2139902032	01/21/79	132	45	19499	D	37.10	139.12	10	EEEE	NO			CCCL LLLL 21.59 N	111.84 E	290083	675
2139903405	01/06/79	150	31	19500	D	22.90	150.19	0	FFEE	NO			CCCL LLLL 41.59 N	092.03 E	290083	248
2139907145	01/06/79	186	49	19502	D	40.61	135.09	0	EEFE	NO			CCCL LLLL 15.83 N	032.95 E	290083	249
2139907151	01/06/79	186	50	19502	D	41.45	134.00	0	EEFE	NO			CCCL LLLL 14.40 N	032.60 E	290083	250
2139907154	01/06/79	186	51	19502	D	42.26	132.84	0	EEFE	NO			CCCL LLLL 12.96 N	032.25 E	290083	251

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2139909003	01/06/79	204	55	19503	D	45.26	127.91	40	EEFE	NO		CCCL	LLLL	07.20 N	005.04 E	290083	252
2139912394	01/06/79	240	85	19505	D	48.34	079.54	30	EEFE	NO		CCCL	HHLL	35.89 S	057.56 W	290083	253
2139912400	01/06/79	240	86	19505	D	47.78	078.26	0	EEEE	NO		CCCL	HHLL	37.31 S	058.03 W	290083	254
2139912403	01/06/79	240	87	19505	D	47.19	077.04	20	EEEE	NO		CCCL	HHLL	38.73 S	058.50 W	290083	255
2139912405	01/06/79	240	88	19505	D	46.57	075.89	60	EEFE	NO		CCCL	HHLL	40.15 S	059.00 W	290083	256
2140002055	01/21/79	133	37	19513	D	29.04	145.96	50	FFFE	NO		CCCL	LLLL	33.05 N	113.58 E	290083	676
2140002061	01/21/79	133	38	19513	D	30.06	145.20	90	EEFE	NO		CCCL	LLLL	31.62 N	113.15 E	290083	677
2140015484	01/28/79	26	29	19521	D	20.42	151.59	NA	MMMM	NO		CCCL	LLLL	44.43 N	089.05 W		0
2140015490	01/28/79	26	30	19521	D	21.50	150.91	100	E222	NO		CCCL	LLLL	43.01 N	089.60 W	290083	597
2140015493	01/28/79	26	31	19521	D	22.59	150.25	NA	MMMM	NO		CCCL	LLLL	41.59 N	090.12 W		0
2140015495	01/28/79	26	32	19521	D	23.66	149.56	NA	MMMM	NO		CCCL	LLLL	40.17 N	090.63 W		0
2140015502	01/28/79	26	33	19521	D	24.73	148.87	100	EEEE	NO		CCCL	LLLL	38.75 N	091.12 W	290083	598
2140015504	01/28/79	26	34	19521	D	25.79	148.17	100	EEEE	NO		CCCL	LLLL	37.33 N	091.60 W	290083	599
2140015511	01/28/79	26	35	19521	D	26.83	147.47	100	EEEE	NO		CCCL	LLLL	35.91 N	092.05 W	290083	600
2140015513	01/28/79	26	36	19521	D	27.86	146.75	100	EEEE	NO		CCCL	LLLL	34.48 N	092.50 W	290083	601
2140015520	01/28/79	26	37	19521	D	28.90	146.01	100	EEEE	NO		CCCL	LLLL	33.05 N	092.93 W	290083	602
2140015522	01/28/79	26	38	19521	D	29.94	145.25	50	EEEE	NO		CCCL	LLLL	31.62 N	093.36 W	290083	603
2140015525	01/28/79	26	39	19521	D	30.95	144.48	NA	MMMM	NO		CCCL	LLLL	30.19 N	093.77 W		0
2140017304	01/27/79	44	26	19522	S	17.09	153.63	NA	6666	NO		CCCL	LLLL	48.65 N	113.08 W		0
2140017310	01/27/79	44	27	19522	S	18.19	152.95	80	EEEE	NO		CCCL	LLLL	47.24 N	113.69 W	290083	205
2140115543	01/27/79	27	29	19535	D	20.19	151.62	100	EEEE	NO		CCCL	LLLL	44.41 N	090.45 W	290083	206
2140115545	01/27/79	27	30	19535	D	21.28	150.95	90	EEEE	NO		CCCL	LLLL	43.00 N	091.00 W	290083	207
2140115551	01/27/79	27	31	19535	D	22.35	150.28	100	EEEE	NO		CCCL	LLLL	41.59 N	091.54 W	290083	208
2140115554	01/27/79	27	32	19535	D	23.43	149.61	100	EEFE	NO		CCCL	LLLL	40.17 N	092.05 W	290083	209
2140115560	01/27/79	27	33	19535	D	24.50	148.92	100	EEEE	NO		CCCL	LLLL	38.75 N	092.54 W	290083	210
2140115563	01/27/79	27	34	19535	D	25.57	148.23	100	EEFE	NO		CCCL	LLLL	37.33 N	093.01 W	290083	211
2140115565	01/27/79	27	35	19535	D	26.62	147.52	90	EEEE	NO		CCCL	LLLL	35.90 N	093.47 W	290083	212
2140115572	01/27/79	27	36	19535	D	27.66	146.81	80	EEEE	NO		CCCL	LLLL	34.47 N	093.92 W	290083	213
2140115574	01/27/79	27	37	19535	D	28.70	146.08	90	EEEE	NO		CCCL	LLLL	33.05 N	094.35 W	290083	214
2140115581	01/27/79	27	38	19535	D	29.72	145.33	80	EEEE	NO		CCCL	LLLL	31.62 N	094.78 W	290083	215
2140115583	01/27/79	27	39	19535	D	30.74	144.56	70	EEEE	NO		CCCL	LLLL	30.19 N	095.20 W	290083	216
2140115590	01/27/79	27	40	19535	D	31.75	143.77	60	EEEE	NO		CCCL	LLLL	28.76 N	095.61 W	290083	217
2140117365	01/27/79	45	27	19536	S	17.96	152.97	90	EEEE	NO		CCCL	LLLL	47.25 N	115.14 W	290083	218
2140117372	01/27/79	45	28	19536	S	19.07	152.30	90	EEEE	NO		CCCL	LLLL	45.84 N	115.73 W	290083	219
2140123105	01/14/79	99	85	19539	D	45.51	080.32	0	EEFE	NO		CCCL	LLLL	35.88 S	144.64 E	290083	632
2140205453	01/14/79	171	41	19543	D	52.63	143.00	40	EEFF	NO		CCCL	HHLL	27.32 N	057.44 E	290083	633
2140205460	01/14/79	171	42	19543	D	33.61	142.17	90	EEFF	NO		CCCL	HHLL	25.89 N	057.05 E	290083	634
2140205462	01/14/79	171	43	19543	D	34.58	141.31	80	EEFF	NO		CCCL	HHLL	24.45 N	056.67 E	290083	635
2140214281	01/14/79	10	56	19548	D	45.44	127.25	100	EEFE	NO		CCCL	LLLL	05.76 N	077.02 W	290083	636
2140214283	01/14/79	10	57	19548	D	46.12	125.90	100	EEFE	NO		CCCL	LLLL	04.32 N	077.35 W	290083	637

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2140214290	01/14/79	10	58	19548	D	46.76	124.51	90	EEEE	NO		CCCL	LLLL	02.88 N	077.69 W	290083	638
2140214292	01/14/79	10	59	19548	D	47.37	123.07	90	EEEE	NO		CCCL	LLLL	01.43 N	078.02 W	290083	639
2140214295	01/14/79	10	60	19548	D	47.95	121.59	70	EEFE	NO		CCCL	LLLL	00.00 S	078.36 W	290083	640
2140214301	01/14/79	10	61	19548	D	48.49	120.07	60	EEFE	NO		CCCL	LLLL	01.44 S	078.69 W	290083	641
2140217424	01/14/79	46	27	19550	S	17.76	152.98	100	EEFE	NO		CCCL	LLLL	47.25 N	116.58 W	290083	642
2140223164	01/21/79	100	85	19553	D	48.56	080.63	0	FF2E	NO		CCCL	LLLL	35.88 S	143.20 E	290083	678
2140300554	01/21/79	118	75	19554	D	51.66	096.40	0	EEPE	NO		CCCL	LLLL	21.58 S	121.46 E	290083	679
2140302265	01/21/79	136	46	19555	D	37.24	138.66	20	EEFE	NO		CCCL	LLLL	20.15 N	105.72 E	290083	680
2140302272	01/21/79	136	47	19555	D	38.14	137.70	10	EEFE	NO		CCCL	LLLL	18.72 N	105.36 E	290083	681
2140314222	01/12/79	11	28	19562	S	18.66	152.34	100	EEFE	NO		CCCL	LLLL	45.84 N	066.98 W	290083	239
2140314224	01/12/79	11	29	19562	S	19.76	151.67	100	FEFF	NO		CCCL	LLLL	44.43 N	067.54 W	290083	240
2140402340	01/21/79	137	49	19569	D	39.72	135.79	10	EEFE	NO		CCCL	LLLL	15.84 N	103.20 E	290083	682
2140402365	01/21/79	137	56	19569	D	45.20	127.55	10	EEFE	NO		CCCL	LLLL	05.76 N	100.79 E	290083	683
2140402372	01/21/79	137	57	19569	D	45.88	126.21	20	EEFE	NO		CCCL	LLLL	04.32 N	100.46 E	290083	684
2140405571	01/28/79	173	41	19571	D	32.23	143.16	0	MEFE	NO		CCCL	HLLL	27.33 N	054.55 E	290083	604
2140405573	01/28/79	173	42	19571	D	33.22	142.33	20	FEFE	NO		CCCL	HLLL	25.89 W	054.16 E	290083	605
2140405580	01/28/79	173	43	19571	D	34.19	141.50	30	FEFF	NO		CCCL	HLLL	24.46 N	053.78 E	290083	606
2140406014	01/28/79	173	52	19571	D	42.20	132.50	30	EEFF	NO		CCCL	LLLL	11.52 N	050.54 E	290083	607
2140406021	01/28/79	173	53	19571	D	42.98	131.33	20	EEFF	NO		CCCL	LLLL	10.08 N	050.20 E	290083	608
2140409275	01/28/79	209	51	19573	D	41.36	133.67	0	EEPE	NO		CCCL	LLLL	12.96 N	000.72 W	290083	609
2140409282	01/28/79	209	52	19573	D	42.17	132.53	10	EEPE	NO		CCCL	LLLL	11.52 N	001.07 W	290083	610
2140409284	01/28/79	209	53	19573	D	42.96	131.36	10	EE2E	NO		CCCL	LLLL	10.08 N	001.41 W	290083	611
2140409291	01/28/79	209	54	19573	D	43.72	130.14	10	EE2E	NO		CCCL	LLLL	08.64 N	001.76 W	290083	612
2140409293	01/28/79	209	55	19573	D	44.45	128.89	40	EEPF	NO		CCCL	LLLL	07.20 N	002.10 W	290083	613
2140412563	01/28/79	245	56	19575	D	45.13	127.63	100	EEFE	NO		CCCL	HLLL	05.76 N	054.08 W	290083	614
2140416110	01/21/79	30	27	19577	S	17.37	153.00	70	FEFF	NO		CCCL	LLLL	47.24 N	093.61 W	290083	749
2140416112	01/21/79	30	28	19577	S	18.47	152.33	70	FEFF	NO		CCCL	LLLL	45.83 N	094.20 W	290083	750
2140416115	01/21/79	30	29	19577	S	19.57	151.67	100	EEFF	NO		CCCL	LLLL	44.42 N	094.77 W	290083	751
2140416121	01/21/79	30	30	19577	D	20.65	151.02	NA	MMMM	NO		CCCL	LLLL	43.00 N	095.31 W	0	0
2140416124	01/21/79	30	31	19577	D	21.74	150.36	NA	MMMM	NO		CCCL	LLLL	41.59 N	095.83 W	0	0
2140502412	01/12/79	138	53	19583	D	42.84	131.46	10	EEFE	NO		CCCL	LLLL	10.08 N	100.39 E	290083	503
2140502415	01/12/79	138	54	19583	D	43.60	130.25	20	EEFE	NO		CCCL	LLLL	08.64 N	100.04 E	290083	504
2140506025	01/12/79	174	41	19585	D	32.03	143.23	20	EEFE	NO		CCCL	HLLL	27.32 N	053.14 E	290083	505
2140506032	01/12/79	174	42	19585	D	33.03	142.40	40	EEFE	NO		CCCL	HLLL	25.89 N	052.75 E	290083	506
2140506035	01/12/79	174	43	19585	D	34.01	141.56	20	EEFE	NO		CCCL	HLLL	24.46 N	052.35 E	290083	507
2140506075	01/12/79	174	53	19585	D	42.82	131.48	0	FEFE	NO		CCCL	LLLL	10.08 N	048.77 E	290083	508
2140514333	01/18/79	13	27	19590	S	17.19	153.00	10	EEEE	NO		CCCL	LLLL	47.24 N	069.22 W	290083	698
2140514335	01/18/79	13	28	19590	S	18.29	152.33	10	EEEE	NO		CCCL	LLLL	45.83 N	069.81 W	290083	699
2140514342	01/18/79	13	29	19590	S	19.38	151.68	30	FEFF	NO		CCCL	LLLL	44.42 N	070.38 W	290083	700
2140514344	01/18/79	13	30	19590	D	20.46	151.03	100	EEEE	NO		CCCL	LLLL	43.01 N	070.94 W	290083	701

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2140514351	01/18/79	13	31	19590	D	21.55	150.38	100	FEEE	NO		CCCL	LLLL	41.59 N	071.47 W	290083	702
2140514353	01/18/79	13	32	19590	D	22.62	149.72	100	EEEE	NO		CCCL	LLLL	40.17 N	071.97 W	290083	703
2140614450	01/21/79	14	41	19604	D	31.76	143.31	30	EEFE	NO		CCCL	HLLL	27.34 N	077.40 W	290083	752
2140614453	01/21/79	14	42	19604	D	32.75	142.51	50	EEEE	NO		CCCL	HLLL	25.90 N	077.79 W	290083	753
2140616221	01/13/79	32	26	19605	S	15.88	153.64	30	FEEE	NO		CCCL	LLLL	48.66 N	095.89 W	290083	132
2140616223	01/13/79	32	27	19605	S	16.98	152.98	20	FFFF	NO		CCCL	LLLL	47.25 N	096.50 W	290083	133
2140616230	01/13/79	32	28	19605	S	18.08	152.33	90	FFEF	NO		CCCL	LLLL	45.83 N	097.08 W	290083	134
2140616232	01/13/79	32	29	19605	S	18.17	151.68	90	EEFE	NO		CCCL	LLLL	44.42 N	097.64 W	290083	135
2140616234	01/13/79	32	30	19605	D	20.26	151.04	90	FEEE	NO		CCCL	LLLL	43.00 N	098.18 W	290083	136
2140616241	01/13/79	32	31	19605	D	21.34	150.39	20	FFFE	NO		CCCL	LLLL	41.59 N	098.70 W	290083	137
2140616243	01/13/79	32	32	19605	D	22.42	149.73	30	FEEE	NO		CCCL	LLLL	40.17 N	099.22 W	290083	138
2140916393	01/13/79	35	26	19647	S	15.33	153.59	0	EEEE	NO		CCCL	LLLL	48.66 N	100.19 W	290083	139
2140916395	01/13/79	35	27	19647	S	16.43	152.94	10	EEEE	NO		CCCL	LLLL	47.25 N	100.81 W	290083	140
2140916402	01/13/79	35	28	19647	S	17.53	152.29	10	EEFE	NO		CCCL	LLLL	45.84 N	101.39 W	290083	141
2140916404	01/13/79	35	29	19647	S	18.63	151.65	90	FFFF	NO		CCCL	LLLL	44.42 N	101.95 W	290083	142
2140916411	01/13/79	35	30	19647	S	19.72	151.01	100	FFFF	NO		CCCL	LLLL	43.01 N	102.50 W	290083	143
2140916413	01/13/79	35	31	19647	D	20.81	150.37	100	FFFF	NO		CCCL	LLLL	41.59 N	103.01 W	290083	144
2140916420	01/13/79	35	32	19647	D	21.89	149.72	50	FEEE	NO		CCCL	LLLL	40.17 N	103.51 W	290083	145
2141006362	01/06/79	179	52	19655	D	41.20	133.21	10	EEFE	NO		CCCL	LLLL	11.52 N	041.94 E	290083	257
2141006383	01/06/79	179	57	19655	D	44.97	127.17	20	EEFE	NO		CCCL	LLLL	04.31 N	040.25 E	290083	258
2141015061	01/21/79	18	36	19660	D	25.96	147.07	10	EEEE	NO		CCCL	LLLL	34.48 N	081.03 W	290083	685
2141015063	01/21/79	18	37	19660	D	27.00	146.38	50	EEEE	NO		CCCL	LLLL	33.05 N	081.47 W	290083	686
2141104540	01/06/79	162	40	19668	D	29.98	144.21	0	EEPE	NO		CCCL	LLLL	28.76 N	070.75 E	290083	259
2141106421	01/06/79	180	52	19669	D	41.05	133.29	10	EEFE	NO		CCCL	LLLL	11.52 N	040.50 E	290083	260
2141106424	01/06/79	180	53	19669	D	41.85	132.18	10	EEFE	NO		CCCL	LLLL	10.08 N	040.16 E	290083	261
2141106430	01/06/79	180	54	19669	D	42.63	131.02	10	EEFE	NO		CCCL	LLLL	08.64 N	039.82 E	290083	262
2141106433	01/06/79	180	55	19669	D	43.39	129.82	10	EEFE	NO		CCCL	LLLL	07.20 N	039.48 E	290083	263
2141112023	01/06/79	234	77	19672	D	51.12	095.38	70	EEFE	NO		CCCL	HLLL	24.46 S	045.62 W	290083	264
2141115092	01/12/79	19	30	19674	S	19.40	150.98	100	F6FE	NO		CCCL	LLLL	43.00 N	079.54 W	290083	241
2141115095	01/12/79	19	31	19674	D	20.48	150.34	100	EEFE	NO		CCCL	LLLL	41.59 N	080.06 W	290083	242
2141115101	01/12/79	19	32	19674	D	21.55	149.71	100	EEFF	NO		CCCL	LLLL	40.17 N	080.56 W	290083	243
2141115104	01/12/79	19	33	19674	D	22.62	149.06	90	EEFF	NO		CCCL	LLLL	38.75 N	081.06 W	290083	244
2141115110	01/12/79	19	34	19674	D	23.69	148.41	100	EEFF	NO		CCCL	LLLL	37.32 N	081.53 W	290083	245
2141115113	01/12/79	19	35	19674	D	24.75	147.75	90	EEFF	NO		CCCL	LLLL	35.90 N	082.00 W	290083	246
2141115115	01/12/79	19	36	19674	D	25.80	147.07	90	EEFE	NO		CCCL	LLLL	34.47 N	082.44 W	290083	247
2141115172	01/06/79	19	49	19674	D	38.45	136.45	10	EEFE	NO		CCCL	LLLL	15.84 N	087.52 W	290083	265
2141115174	01/06/79	19	50	19674	D	39.31	135.45	20	EEEE	NO		CCCL	LLLL	14.40 N	087.88 W	290083	266
2141115181	01/06/79	19	51	19674	D	40.16	134.41	10	EEFE	NO		CCCL	LLLL	12.96 N	088.22 W	290083	267
2141116510	01/06/79	37	26	19675	S	15.00	153.52	0	EEEE	NO		CCCL	LLLL	48.65 N	103.04 W	290083	268
2141116533	01/06/79	37	32	19675	D	21.54	149.70	30	EEFE	NO		CCCL	LLLL	40.17 N	106.38 W	290083	269

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2141116535	01/06/79		37	33	19675	D	22.62	149.06	10	EEEE	NO		CCCL LLLL	38.75 N	106.87 W	290083	270
2141116542	01/06/79		37	34	19675	D	23.68	148.41	20	EEEE	NO		CCCL LLLL	37.32 N	107.35 W	290083	271
2141204594	01/06/79	163	40	19682	D	29.81	144.22	20	EEPE	NO			CCCL LLLL	28.75 N	069.31 E	290083	272
2141205001	01/06/79	163	41	19682	D	30.82	143.46	10	EEFF	NO			CCCL LLLL	27.33 N	068.90 E	290083	273
2141205003	01/06/79	163	42	19682	D	31.81	142.68	0	EEFE	NO			CCCL LLLL	25.89 N	068.51 E	290083	274
2141205010	01/06/79	163	43	19682	D	32.79	141.88	0	EEFE	NO			CCCL LLLL	24.46 N	068.13 E	290083	275
2141206453	01/06/79	181	46	19683	D	35.63	139.32	40	EEFE	NO			CCCL HLLL	20.15 N	041.19 E	290083	276
2141206473	01/06/79	181	51	19683	D	40.05	134.46	0	EEFE	NO			CCCL LLLL	12.96 N	039.40 E	290083	277
2141206480	01/06/79	181	52	19683	D	40.89	133.37	10	EEFE	NO			CCCL LLLL	11.52 N	039.05 E	290083	278
2141206482	01/06/79	181	53	19683	D	41.70	132.25	10	EEFE	NO			CCCL LLLL	10.08 N	038.72 E	290083	279
2141213492	01/06/79	2	72	19687	D	51.04	104.23	70	PPPP	NO			CCCL HLLL	17.27 S	071.04 W	290083	280
2141213495	01/06/79	2	73	19687	D	51.14	102.50	90	EEFE	NO			CCCL HLLL	18.71 S	071.40 W	290083	281
2141418493	01/21/79		58	21	19718	S	08.99	156.81	100	EEFE	NO		CCCL LLLL	55.65 N	129.60 W	290083	509
2141418500	01/21/79		58	22	19718	S	10.10	156.09	90	EEEE	NO		CCCL LLLL	54.26 N	130.39 W	290083	509
2141418502	01/21/79		58	23	19718	S	11.21	155.38	90	EEEE	NO		CCCL LLLL	52.87 N	131.15 W	290083	591
2141418505	01/21/79		58	24	19718	S	12.32	154.71	90	EEFE	NO		CCCL LLLL	51.47 N	131.86 W	290083	592
2141515321	01/21/79		23	29	19730	S	17.71	151.47	NA	MMMM	NO		CCCL LLLL	44.42 N	084.75 W	0	0
2141515323	01/21/79		23	30	19730	S	18.80	150.84	NA	MMMM	NO		CCCL LLLL	43.00 N	085.27 W	0	0
2141515330	01/21/79		23	31	19730	S	19.88	150.22	NA	2222	NO		CCCL LLLL	41.59 N	085.79 W	0	0
2141515332	01/21/79		23	32	19730	D	20.96	149.59	100	EEFE	NO		CCCL LLLL	40.17 N	086.30 W	290083	481
2141515335	01/21/79		23	33	19730	D	22.03	148.95	100	EEFE	NO		CCCL LLLL	38.74 N	086.78 W	290083	482
2141515341	01/21/79		23	34	19730	D	23.09	148.31	100	EEFE	NO		CCCL LLLL	37.32 N	087.26 W	290083	483
2141515344	01/21/79		23	35	19730	D	24.15	147.66	100	EEFF	NO		CCCL LLLL	35.89 N	087.72 W	290083	484
2141515350	01/21/79		23	36	19730	D	25.19	147.00	100	EEFE	NO		CCCL LLLL	34.47 N	088.17 W	290083	485
2141515352	01/21/79		23	37	19730	D	26.24	146.32	90	EEEE	NO		CCCL LLLL	33.04 N	088.61 W	290083	486
2141515355	01/21/79		23	38	19730	D	27.27	145.63	90	EEEE	NO		CCCL LLLL	31.61 N	089.03 W	290083	487
2141515361	01/21/79		23	39	19730	D	28.29	144.93	90	EEEE	NO		CCCL LLLL	30.19 N	089.44 W	290083	488
2141515364	01/21/79		23	40	19730	D	29.31	144.20	80	EEEE	NO		CCCL LLLL	28.76 N	089.86 W	290083	489
2141617195	01/03/79		42	26	19745	S	14.30	153.29	10	EEFE	NO		CCCL LLLL	48.66 N	110.23 W	290083	178
2141617202	01/03/79		42	27	19745	S	15.39	152.65	10	EEFE	NO		CCCL LLLL	47.25 N	110.84 W	290083	179
2141617204	01/03/79		42	28	19745	S	16.48	152.03	30	FEFE	NO		CCCL LLLL	45.83 N	111.42 W	290083	180
2141617211	01/03/79		42	29	19745	S	17.57	151.41	30	FFFE	NO		CCCL LLLL	44.42 N	111.98 W	290083	181
2141617213	01/03/79		42	30	19745	S	18.66	150.79	30	FEFE	NO		CCCL LLLL	43.01 N	112.53 W	290083	182
2141617220	01/03/79		42	31	19745	S	19.74	150.17	10	FFFE	NO		CCCL LLLL	41.59 N	113.06 W	290083	183
2141617222	01/03/79		42	32	19745	D	20.81	149.54	0	EEFF	NO		CCCL LLLL	40.17 N	113.57 W	290083	184
2141617225	01/03/79		42	33	19745	D	21.88	148.91	0	EEFF	NO		CCCL LLLL	38.75 N	114.07 W	290083	185
2141617231	01/03/79		42	34	19745	D	22.94	148.28	0	FEFE	NO		CCCL LLLL	37.33 N	114.54 W	290083	186
2141617234	01/03/79		42	35	19745	D	23.99	147.63	0	FEFE	NO		CCCL LLLL	35.91 N	115.01 W	290083	187
2141617240	01/03/79		42	36	19745	D	25.04	146.97	0	FEFF	NO		CCCL LLLL	34.48 N	115.45 W	290083	188
2141617243	01/03/79		42	37	19745	D	26.08	146.30	0	FEFE	NO		CCCL LLLL	33.05 N	115.89 W	290083	189

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2141617245	01/03/79	42	38	19745	D	27.10	145.62	0	EEFE	NO	CCCL	LLLL	31.62 N	116.31 W	290083	190
2141622521	01/12/79	96	80	19748	D	50.32	091.70	10	EEP2	NO	CCCL	LLLL	28.74 S	151.08 E	290083	452
2141703413	01/12/79	150	31	19751	S	19.66	150.17	20	EEP2	NO	CCCL	LLLL	41.60 N	092.00 E	290083	453
2141705252	01/12/79	168	32	19752	D	20.71	149.54	40	EEFP	NO	CCCL	LLLL	40.17 N	065.69 E	290083	454
2141707065	01/12/79	186	28	19753	S	16.38	152.02	30	EE2P	NO	CCCL	LLLL	45.83 N	042.01 E	290083	455
2141707072	01/12/79	186	29	19753	S	17.48	151.40	80	EE2P	NO	CCCL	LLLL	44.42 N	041.45 E	290083	456
2141707154	01/12/79	186	49	19753	D	37.61	136.64	0	EEFP	NO	CCCL	LLLL	15.84 N	032.91 E	290083	457
2141707160	01/12/79	186	50	19753	D	38.49	135.66	0	EEPP	NO	CCCL	LLLL	14.40 N	032.57 E	290083	458
2141707163	01/12/79	186	51	19753	D	39.34	134.64	0	EEP2	NO	CCCL	LLLL	12.96 N	032.22 E	290083	459
2141707410	01/12/79	186	110	19753	D	29.60	074.64	100	EE22	NO	CCCL	LLLL	70.25 S	002.91 W	290083	460
2141714075	01/12/79	7	47	19757	D	35.78	138.51	10	EEF2	NO	CCCL	LLLL	18.71 N	069.59 W	290083	461
2141714164	01/12/79	7	68	19757	D	49.68	111.82	40	EEEE	NO	CCCL	HHLL	11.52 S	076.78 W	290083	462
2141714170	01/12/79	7	69	19757	D	49.98	110.16	90	EEE2	NO	CCCL	HHLL	12.96 S	077.14 W	290083	463
2141715425	01/27/79	25	27	19758	S	15.25	152.62	NA	6666	NO	CCCL	LLLL	47.25 N	086.47 W	0	0
2141715431	01/27/79	25	28	19758	S	16.34	152.00	20	EEEE	NO	CCCL	LLLL	45.84 N	087.06 W	290083	220
2141715434	01/27/79	25	29	19758	S	17.43	151.38	50	EEEE	NO	CCCL	LLLL	44.43 N	087.63 W	290083	221
2141715440	01/27/79	25	30	19758	S	18.52	150.76	40	EEEE	NO	CCCL	LLLL	43.01 N	088.16 W	290083	222
2141715443	01/27/79	25	31	19758	S	19.60	150.13	10	EEEE	NO	CCCL	LLLL	41.59 N	088.68 W	290083	223
2141715445	01/27/79	25	32	19758	D	20.68	149.51	10	EEEE	NO	CCCL	LLLL	40.17 N	089.19 W	290083	224
2141715452	01/27/79	25	33	19758	D	21.75	148.88	0	EEEE	NO	CCCL	LLLL	38.75 N	089.68 W	290083	225
2141715454	01/27/79	25	34	19758	D	22.81	148.25	0	EEEE	NO	CCCL	LLLL	37.33 N	090.16 W	290083	226
2141715461	01/27/79	25	35	19758	D	23.87	147.60	10	EEEE	NO	CCCL	LLLL	35.91 N	090.62 W	290083	227
2141715463	01/27/79	25	36	19758	D	24.92	146.94	40	EFEE	NO	CCCL	LLLL	34.48 N	091.08 W	290083	228
2141715470	01/27/79	25	37	19758	D	25.95	146.27	70	EEEE	NO	CCCL	LLLL	33.06 N	091.52 W	290083	229
2141715472	01/27/79	25	38	19758	D	26.97	145.59	90	EEEE	NO	CCCL	LLLL	31.63 N	091.94 W	290083	230
2141715475	01/27/79	25	39	19758	D	28.00	144.89	80	EEEE	NO	CCCL	LLLL	30.20 N	092.36 W	290083	231
2141803472	01/27/79	151	31	19765	S	19.53	150.11	90	FE2E	NO	CCCL	LLLL	41.58 N	090.59 E	290083	96
2141805310	01/27/79	169	32	19766	D	20.58	149.50	100	FE2E	NO	CCCL	LLLL	40.17 N	064.26 E	290083	97
2141805351	01/27/79	169	42	19766	D	30.93	142.66	10	EEFE	NO	CCCL	HHLL	25.90 N	059.89 E	290083	98
2141805354	01/27/79	169	43	19766	D	31.91	141.88	10	EEFE	NO	CCCL	HHLL	24.46 N	059.50 E	290083	99
2141805360	01/27/79	169	44	19766	D	32.88	141.07	10	EEFF	NO	CCCL	HHLL	23.03 N	059.12 E	290083	100
2141805363	01/27/79	169	45	19766	D	33.82	140.25	10	FFFE	NO	CCCL	HHLL	21.59 N	058.75 E	290083	101
2141805365	01/27/79	169	46	19766	D	34.77	139.39	NA	MMMM	NO	CCCL	HHLL	20.16 N	058.38 E	0	0
2141815490	01/13/79	26	28	19772	S	16.22	151.94	0	EE66	NO	CCCL	LLLL	45.84 N	088.50 W	290083	146
2141815493	01/13/79	26	29	19772	S	17.31	151.32	0	EEEE	NO	CCCL	LLLL	44.43 N	089.06 W	290083	147
2141815495	01/13/79	26	30	19772	S	18.39	150.70	10	EEEE	NO	CCCL	LLLL	43.01 N	089.61 W	290083	148
2141815502	01/13/79	26	31	19772	S	19.47	150.09	10	EEEE	NO	CCCL	LLLL	41.60 N	090.13 W	290083	149
2141815504	01/13/79	26	32	19772	D	20.55	149.47	10	EEEE	NO	CCCL	LLLL	40.18 N	090.64 W	290083	150
2141815511	01/13/79	26	33	19772	D	21.62	148.84	0	EEEE	NO	CCCL	LLLL	38.76 N	091.13 W	290083	151
2141815513	01/13/79	26	34	19772	D	22.68	148.20	0	EEEE	NO	CCCL	LLLL	37.34 N	091.61 W	290083	152

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2141815520	01/13/79	26	35	19772	D	23.73	147.56	0	EEEE	NO		CCCL	LLLL	35.91 N	092.07 W	290083	153
2141815522	01/13/79	26	36	19772	D	24.77	146.91	0	EEEE	NO		CCCL	LLLL	34.48 N	092.51 W	290083	154
2141815525	01/13/79	26	37	19772	D	25.81	146.25	0	EEEE	NO		CCCL	LLLL	33.06 N	092.95 W	290083	155
2141815531	01/13/79	26	38	19772	D	26.85	145.55	0	EEEE	NO		CCCL	LLLL	31.63 N	093.38 W	290083	156
2141815534	01/13/79	26	39	19772	D	27.88	144.85	0	EFFE	NO		CCCL	LLLL	30.20 N	093.79 W	290083	157
2141815540	01/13/79	26	40	19772	D	28.88	144.14	20	FFFF	NO		CCCL	LLLL	28.76 N	094.20 W	290083	158
2141823041	01/27/79	98	81	19776	D	49.97	090.50	0	EE2E	NO		CCCL	LLLL	30.18 S	147.81 E	290083	102
2141900261	01/27/79	116	30	19777	S	18.36	150.68	80	EEFE	NO		CCCL	LLLL	43.00 N	141.33 E	290083	103
2141905410	01/27/79	170	42	19780	D	30.81	142.63	10	EEEE	NO		CCCL	HHLL	25.89 N	058.47 E	290083	104
2141905412	01/27/79	170	43	19780	D	31.79	141.85	10	EEEE	NO		CCCL	HHLL	24.46 N	058.08 E	290083	105
2141907171	01/27/79	188	25	19781	S	12.86	153.79	100	FE2E	NO		CCCL	LLLL	50.07 N	040.97 E	290083	106
2141907174	01/27/79	188	26	19781	S	13.96	153.15	90	FE2E	NO		CCCL	LLLL	48.66 N	040.33 E	290083	107
2141907180	01/27/79	188	27	19781	S	15.05	152.53	90	FE2E	NO		CCCL	LLLL	47.26 N	039.71 E	290083	108
2141907183	01/27/79	188	28	19781	S	16.14	151.91	90	FE2E	NO		CCCL	LLLL	45.85 N	039.12 E	290083	109
2141907185	01/27/79	188	29	19781	S	17.22	151.29	100	FEPE	NO		CCCL	LLLL	44.43 N	038.56 E	290083	110
2141907412	01/27/79	188	83	19781	D	49.36	087.54	30	EEFE	NO		CCCL	LLLL	33.03 S	017.87 E	290083	111
2141912525	01/27/79	242	87	19784	D	47.69	082.08	10	FE2F	NO		CCCL	HHLL	38.73 S	061.38 W	290083	112
2141912532	01/27/79	242	88	19784	D	47.19	080.85	10	FE2F	NO		CCCL	HHLL	40.15 S	061.87 W	290083	113
2141912534	01/27/79	242	89	19784	D	46.65	079.67	10	FEFF	NO		CCCL	HHLL	41.57 S	062.38 W	290083	114
2141912541	01/27/79	242	90	19784	D	46.07	078.55	20	FE2F	NO		CCCL	HHLL	42.98 S	062.91 W	290083	115
2141914272	01/27/79	9	66	19785	D	48.74	115.22	100	EE2E	NO		CCCL	HHLL	08.63 S	079.00 W	290083	116
2141915545	01/13/79	27	28	19786	S	16.10	151.88	90	FFEE	NO		CCCL	LLLL	45.84 N	089.92 W	290083	519
2141915551	01/13/79	27	29	19786	S	17.19	151.26	100	FEEE	NO		CCCL	LLLL	44.43 N	090.50 W	290083	520
2141915554	01/13/79	27	30	19786	S	18.28	150.65	90	EEEE	NO		CCCL	LLLL	43.01 N	091.03 W	290083	521
2141915560	01/13/79	27	31	19786	S	19.36	150.03	80	FFEE	NO		CCCL	LLLL	41.59 N	091.55 W	290083	522
2141915563	01/13/79	27	32	19786	D	20.44	149.40	60	FEFE	NO		CCCL	LLLL	40.17 N	092.05 W	290083	523
2141915565	01/13/79	27	33	19786	D	21.51	148.78	10	EEEE	NO		CCCL	LLLL	38.75 N	092.53 W	290083	524
2141915572	01/13/79	27	34	19786	D	22.58	148.14	70	EEEF	NO		CCCL	LLLL	37.33 N	093.01 W	290083	525
2141915574	01/13/79	27	35	19786	D	23.62	147.50	20	EEEE	NO		CCCL	LLLL	35.90 N	093.48 W	290083	526
2141915581	01/13/79	27	36	19786	D	24.66	146.86	10	EEEE	NO		CCCL	LLLL	34.48 N	093.94 W	290083	527
2141915583	01/13/79	27	37	19786	D	25.70	146.19	0	EEEF	NO		CCCL	LLLL	33.05 N	094.37 W	290083	528
2141917374	01/14/79	45	27	19787	S	15.01	152.50	90	EEEE	NO		CCCL	LLLL	47.25 N	115.15 W	290083	740
2141917380	01/14/79	45	28	19787	S	16.10	151.87	100	FEEE	NO		CCCL	LLLL	45.84 N	115.75 W	290083	741
2142007235	01/08/79	189	27	19795	S	14.94	152.46	10	FFPF	NO		CCCL	LLLL	47.26 N	038.27 E	290083	44
2142007241	01/08/79	189	28	19795	S	16.03	151.84	90	EFFE	NO		CCCL	LLLL	45.85 N	037.68 E	290083	45
2142007244	01/08/79	189	29	19795	S	17.12	151.23	90	EEEE	NO		CCCL	LLLL	44.43 N	037.13 E	290083	46
2142012584	01/08/79	243	87	19798	D	47.65	082.25	0	EE2E	NO		CCCL	HHLL	38.73 S	062.82 W	290083	47
2142012590	01/08/79	243	88	19798	D	47.15	081.01	10	EE2E	NO		CCCL	HHLL	40.15 S	063.31 W	290083	48
2142012593	01/08/79	243	89	19798	D	46.61	079.84	10	FFPF	NO		CCCL	HHLL	41.57 S	063.82 W	290083	49
2142012595	01/08/79	243	90	19798	D	46.04	078.72	10	FF2P	NO		CCCL	HHLL	42.98 S	064.34 W	290083	50

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2142013025	01/08/79	243	97	19798	D	41.25	072.87	40	FFFE	NO		CCCL	LLLL	52.82 S	068.71 W	290083	51
2142013031	01/08/79	243	98	19798	D	40.47	072.34	90	EEFE	NO		CCCL	LLLL	54.20 S	069.47 W	290083	52
2142013034	01/08/79	243	99	19798	D	39.67	071.90	90	EE2E	NO		CCCL	LLLL	55.59 S	070.27 W	290083	53
2142014290	01/08/79	10	56	19799	D	42.85	129.13	90	EFPP	NO		CCCL	LLLL	05.77 N	077.05 W	290083	54
2142014292	01/08/79	10	57	19799	D	43.57	127.92	90	FFPF	NO		CCCL	LLLL	04.32 N	077.38 W	290083	55
2142014295	01/08/79	10	58	19799	D	44.25	126.66	80	FFFE	NO		CCCL	LLLL	02.88 N	077.72 W	290083	56
2142014301	01/08/79	10	59	19799	D	44.91	125.37	70	EEFE	NO		CCCL	LLLL	01.44 N	078.05 W	290083	57
2142016053	01/08/79	28	40	19800	D	28.65	144.05	50	FEFE	NO		CCCL	LLLL	28.75 N	097.03 W	290083	58
2142016060	01/08/79	28	41	19800	D	29.65	143.32	100	EEPE	NO		CCCL	LLLL	27.32 N	097.43 W	290083	59
2142100563	01/06/79	118	75	19805	D	50.52	100.61	0	EEFE	NO		CCCL	LLLL	21.58 S	121.45 E	290083	282
2142102295	01/06/79	136	51	19806	D	38.85	134.64	10	EEFE	NO		CCCL	LLLL	12.96 N	103.95 E	290083	283
2142107284	01/06/79	190	25	19809	S	12.64	153.65	90	EEPE	NO		CCCL	LLLL	50.07 N	038.10 E	290083	284
2142107291	01/06/79	190	26	19809	S	13.75	153.01	100	EEFE	NO		CCCL	LLLL	48.66 N	037.45 E	290083	285
2142107294	01/06/79	190	27	19809	S	14.84	152.39	100	EEFE	NO		CCCL	LLLL	47.25 N	036.84 E	290083	286
2142107300	01/06/79	190	28	19809	S	15.93	151.77	90	EEFE	NO		CCCL	LLLL	45.84 N	036.26 E	290083	287
2142109220	01/06/79	208	49	19810	D	37.09	136.61	0	EEFE	NO		CCCL	LLLL	15.84 N	001.36 E	290083	288
2142109223	01/06/79	208	50	19810	D	37.96	135.65	0	EEFE	NO		CCCL	LLLL	14.41 N	001.00 E	290083	289
2142109243	01/06/79	208	55	19810	D	42.01	130.32	NA	66M6	NO		CCCL	LLLL	07.21 N	000.69 W	0	0
2142113050	01/06/79	244	88	19812	D	46.87	080.63	NA	2222	NO		CCCL	LLLL	40.07 S	065.00 W	0	0
2142113052	01/06/79	244	89	19812	D	46.37	079.58	NA	2222	NO		CCCL	LLLL	41.48 S	065.50 W	0	0
2142205585	01/07/79	173	43	19822	D	31.42	141.75	NA	MMMM	NO		CCCL	HLLL	24.47 N	053.75 E	0	0
2142207343	01/07/79	191	25	19823	S	12.56	153.57	NA	MMMM	NO		CCCL	LLLL	50.06 N	036.68 E	0	0
2142207350	01/07/79	191	26	19823	S	13.66	152.93	NA	MMMM	NO		CCCL	LLLL	48.66 N	036.04 E	0	0
2142207352	01/07/79	191	27	19823	S	14.75	152.31	NA	MMMM	NO		CCCL	LLLL	47.25 N	035.42 E	0	0
2142207355	01/07/79	191	28	19823	S	15.84	151.70	NA	MMMM	NO		CCCL	LLLL	45.84 N	034.83 E	0	0
2142207361	01/07/79	191	29	19823	S	16.92	151.09	NA	MMMM	NO		CCCL	LLLL	44.43 N	034.27 E	0	0
2142209275	01/07/79	209	49	19824	D	36.97	136.58	NA	MMMM	NO		CCCL	LLLL	15.84 W	000.04 W	0	0
2142213124	01/07/79	245	93	19826	D	44.12	076.13	NA	MMMM	NO		CCCL	LLLL	47.20 S	068.96 W	0	0
2142213131	01/07/79	245	94	19826	D	43.44	075.28	NA	MMMM	NO		CCCL	LLLL	48.60 S	069.58 W	0	0
2142214310	01/21/79	12	33	19827	D	21.19	148.60	NA	MMMM	NO		CCCL	LLLL	38.75 N	071.02 W	0	0
2142302423	01/06/79	138	54	19834	D	41.05	131.43	70	EEFF	NO		CCCL	LLLL	08.64 N	100.03 E	290083	290
2142302430	01/06/79	138	55	19834	D	41.81	130.30	NA	MMMM	NO		CCCL	LLLL	07.21 N	099.68 E	0	0
2142306034	01/06/79	174	41	19836	D	29.36	143.20	10	EEFE	NO		CCCL	HLLL	27.33 N	053.11 E	290083	291
2142306041	01/06/79	174	42	19836	D	30.35	142.45	70	EEFE	NO		CCCL	HLLL	25.90 N	052.72 E	290083	292
2142306043	01/06/79	174	43	19836	D	31.32	141.68	90	EEFE	NO		CCCL	HLLL	24.46 N	052.34 E	290083	293
2142306082	01/06/79	174	52	19836	D	39.44	133.56	30	EEFE	NO		CCCL	LLLL	11.52 N	049.10 E	290083	294
2142306084	01/06/79	174	53	19836	D	40.26	132.50	20	EEFE	NO		CCCL	LLLL	10.08 N	048.75 E	290083	295
2142306091	01/06/79	174	54	19836	D	41.04	131.41	20	EEFE	NO		CCCL	LLLL	08.64 N	048.41 E	290083	296
2142307395	01/06/79	192	24	19837	S	11.37	154.13	100	EEFE	NO		CCCL	LLLL	51.46 N	035.93 E	290083	297
2142307402	01/06/79	192	25	19837	S	12.47	153.50	100	EEPE	NO		CCCL	LLLL	50.06 N	035.25 E	290083	298

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2142307404	01/06/79	192	26	19837	S	13.55	152.86	100	EEPE	NO		CCCL	LLLL	48.66 N	034.58 E	290083	299
2142307411	01/06/79	192	27	19837	S	14.64	152.25	100	EEFE	NO		CCCL	LLLL	47.26 N	033.96 E	290083	300
2142307413	01/06/79	192	28	19837	S	15.73	151.63	100	EEFE	NO		CCCL	LLLL	45.85 N	033.37 E	290083	301
2142307420	01/06/79	192	29	19837	S	16.81	151.02	100	EEFE	NO		CCCL	LLLL	44.44 N	032.81 E	290083	302
2142414455	01/13/79	14	41	19855	D	29.22	143.11	40	EEFE	NO		CCCL	HHLL	27.33 N	077.38 W	290083	417
2142414461	01/13/79	14	42	19855	D	30.20	142.37	30	EEFE	NO		CCCL	HHLL	25.90 N	077.77 W	290083	418
2142414464	01/13/79	14	43	19855	D	31.18	141.61	40	EEFE	NO		CCCL	HHLL	24.46 N	078.15 W	290083	419
2142506134	01/18/79	176	37	19864	D	25.11	145.86	10	EEFE	NO		CCCL	LLLL	33.05 N	051.88 E	290083	704
2142506145	01/18/79	176	40	19864	D	28.15	143.80	10	FEFE	NO		CCCL	HHLL	28.76 N	050.64 E	290083	705
2142506152	01/18/79	176	41	19864	D	29.15	143.08	10	FEFE	NO		CCCL	HHLL	27.33 N	050.25 E	290083	706
2142506195	01/18/79	176	52	19864	D	39.22	133.50	10	EEEF	NO		CCCL	LLLL	11.52 N	046.22 E	290083	707
2142506202	01/18/79	176	53	19864	D	40.03	132.44	10	FEFE	NO		CCCL	LLLL	10.08 N	045.88 E	290083	708
2142506204	01/18/79	176	54	19864	D	40.82	131.35	0	EEZE	NO		CCCL	LLLL	08.64 N	045.54 E	290083	709
2142506211	01/18/79	176	55	19864	D	41.59	130.23	0	EEZF	NO		CCCL	LLLL	07.20 N	045.19 E	290083	710
2142506213	01/18/79	176	56	19864	D	42.32	129.07	10	EEZE	NO		CCCL	LLLL	05.76 N	044.85 E	290083	711
2142506220	01/18/79	176	57	19864	D	43.04	127.89	10	EEZE	NO		CCCL	LLLL	04.32 N	044.51 E	290083	712
2142506222	01/18/79	176	58	19864	D	43.72	126.65	10	EEZF	NO		CCCL	LLLL	02.88 N	044.18 E	290083	713
2142514514	01/13/79	15	41	19869	D	29.12	143.05	30	EEFE	NO		CCCL	HHLL	27.33 N	078.83 W	290083	420
2142514520	01/13/79	15	42	19869	D	30.11	142.30	30	EEFE	NO		CCCL	HHLL	25.90 N	079.22 W	290083	421
2142514523	01/13/79	15	43	19869	D	31.08	141.54	30	EEFE	NO		CCCL	HHLL	24.47 N	079.60 W	290083	422
2142516284	01/27/79	33	26	19870	S	13.43	152.63	10	EEFE	NO		CCCL	LLLL	48.64 N	097.28 W	290083	117
2142516290	01/27/79	33	27	19870	S	14.51	152.01	10	EEFE	NO		CCCL	LLLL	47.23 N	097.90 W	290083	118
2142516293	01/27/79	33	28	19870	S	15.59	151.40	0	EEFE	NO		CCCL	LLLL	45.82 N	098.50 W	290083	119
2142516295	01/27/79	33	29	19870	S	16.66	150.80	0	FEFE	NO		CCCL	LLLL	44.41 N	099.05 W	290083	120
2142516302	01/27/79	33	30	19870	S	17.74	150.19	10	EEFE	NO		CCCL	LLLL	42.99 N	099.59 W	290083	121
2142516304	01/27/79	33	31	19870	S	18.81	149.58	80	EEFE	NO		CCCL	LLLL	41.58 N	100.11 W	290083	122
2142516311	01/27/79	33	32	19870	S	19.88	148.97	10	FEFE	NO		CCCL	LLLL	40.16 N	100.62 W	290083	123
2142516313	01/27/79	33	33	19870	D	20.94	148.36	90	FEFE	NO		CCCL	LLLL	38.74 N	101.11 W	290083	124
2142516320	01/27/79	33	34	19870	D	21.99	147.75	100	EEFE	NO		CCCL	LLLL	37.31 N	101.59 W	290083	125
2142516322	01/27/79	33	35	19870	D	23.03	147.11	90	EEFE	NO		CCCL	LLLL	35.89 N	102.05 W	290083	126
2142516325	01/27/79	33	36	19870	D	24.07	146.46	80	FEFE	NO		CCCL	LLLL	34.47 N	102.50 W	290083	127
2142516331	01/27/79	33	37	19870	D	25.10	145.81	90	EEFE	NO		CCCL	LLLL	33.04 N	102.94 W	290083	128
2142516334	01/27/79	33	38	19870	D	26.13	145.13	100	EEFE	NO		CCCL	LLLL	31.61 N	103.37 W	290083	129
2142516340	01/27/79	33	39	19870	D	27.14	144.45	100	EEFE	NO		CCCL	LLLL	30.19 N	103.79 W	290083	130
2142516343	01/27/79	33	40	19870	D	28.14	143.75	90	EEFE	NO		CCCL	LLLL	28.75 N	104.20 W	290083	131
2142521371	01/21/79	87	23	19873	S	10.10	154.57	90	EEPE	NO		CCCL	LLLL	52.86 N	172.73 W	290083	754
2142521374	01/21/79	87	24	19873	S	11.19	153.91	90	EEPE	NO		CCCL	LLLL	51.47 N	173.46 W	290083	755
2142614522	01/08/79	16	29	19883	S	16.58	150.73	40	EEFE	NO		CCCL	LLLL	44.42 N	074.71 W	290083	60
2142614525	01/08/79	16	30	19883	S	17.65	150.12	50	EEFE	NO		CCCL	LLLL	43.01 N	075.26 W	290083	61
2142614531	01/08/79	16	31	19883	S	18.71	149.52	40	EEFE	NO		CCCL	LLLL	41.60 N	075.79 W	290083	62

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2142614534	01/08/79		16	32	19883	S	19.77	148.92	10	EEFE	NO	CCCL	LLLL	40.18 N	076.31 W	290083	63
2142614540	01/08/79		16	33	19883	D	20.82	148.30	0	FEFE	NO	CCCL	LLLL	38.76 N	076.80 W	290083	64
2142614543	01/08/79		16	34	19883	D	21.87	147.68	50	EEEE	NO	CCCL	LLLL	37.34 N	077.27 W	290083	65
2142614545	01/08/79		16	35	19883	D	22.92	147.05	100	EEEE	NO	CCCL	LLLL	35.91 N	077.73 W	290083	66
2142614552	01/08/79		16	36	19883	D	23.96	146.41	90	EFEE	NO	CCCL	LLLL	34.48 N	078.18 W	290083	67
2142614554	01/08/79		16	37	19883	D	24.99	145.76	10	EFEF	NO	CCCL	LLLL	33.06 N	078.61 W	290083	68
2142614561	01/08/79		16	38	19883	D	26.01	145.09	0	EEEE	NO	CCCL	LLLL	31.63 N	079.04 W	290083	69
2142614563	01/08/79		16	39	19883	D	27.02	144.40	10	EEFE	NO	CCCL	LLLL	30.20 N	079.46 W	290083	70
2142614570	01/08/79		16	40	19883	D	28.03	143.70	10	EEEF	NO	CCCL	LLLL	28.77 N	079.86 W	290083	71
2142614572	01/08/79		16	41	19883	D	29.03	142.98	20	EEEF	NO	CCCL	LLLL	27.33 N	080.26 W	290083	72
2142614575	01/08/79		16	42	19883	D	30.01	142.25	20	EEEE	NO	CCCL	LLLL	25.90 N	080.65 W	290083	73
2142614581	01/08/79		16	43	19883	D	30.98	141.48	20	EEEE	NO	CCCL	LLLL	24.46 N	081.03 W	290083	74
2142616342	01/08/79		34	26	19884	S	13.31	152.57	10	MFEE	NO	CCCL	LLLL	48.65 N	098.75 W	290083	75
2142616345	01/08/79		34	27	19884	S	14.40	151.95	20	ZFEF	NO	CCCL	LLLL	47.24 N	099.36 W	290083	76
2142616351	01/08/79		34	28	19884	S	15.50	151.33	70	ZEFF	NO	CCCL	LLLL	45.83 N	099.93 W	290083	77
2142616354	01/08/79		34	29	19884	S	16.59	150.71	80	ZEFF	NO	CCCL	LLLL	44.41 N	100.50 W	290083	78
2142616361	01/08/79		34	30	19884	S	17.67	150.11	10	EEEE	NO	CCCL	LLLL	43.00 N	101.03 W	290083	79
2142616363	01/08/79		34	31	19884	S	18.73	149.51	10	EEEE	NO	CCCL	LLLL	41.58 N	101.56 W	290083	80
2142616365	01/08/79		34	32	19884	S	19.78	148.90	30	FEFE	NO	CCCL	LLLL	40.16 N	102.07 W	290083	81
2142616372	01/08/79		34	33	19884	D	20.84	148.29	10	EEFE	NO	CCCL	LLLL	38.74 N	102.57 W	290083	82
2142616374	01/08/79		34	34	19884	D	21.90	147.66	30	FEFE	NO	CCCL	LLLL	37.32 N	103.04 W	290083	83
2142616381	01/08/79		34	35	19884	D	22.95	147.03	50	FEFE	NO	CCCL	LLLL	35.90 N	103.51 W	290083	84
2142716401	01/21/79		35	26	19898	S	13.26	152.47	80	MEFE	NO	CCCL	LLLL	48.66 N	100.19 W	290083	756
2142716404	01/21/79		35	27	19898	S	14.35	151.85	70	EEEE	NO	CCCL	LLLL	47.25 N	100.82 W	290083	757
2142716410	01/21/79		35	28	19898	S	15.43	151.25	50	EEEE	NO	CCCL	LLLL	45.85 N	101.41 W	290083	758
2142716413	01/21/79		35	29	19898	S	16.50	150.64	60	EEEE	NO	CCCL	LLLL	44.43 N	101.97 W	290083	759
2142716415	01/21/79		35	30	19898	S	17.57	150.03	70	EEEE	NO	CCCL	LLLL	43.01 N	102.51 W	290083	760
2142716422	01/21/79		35	31	19898	S	18.65	149.42	60	EEEE	NO	CCCL	LLLL	41.60 N	103.03 W	290083	761
2142716424	01/21/79		35	32	19898	S	19.71	148.81	40	EEEE	NO	CCCL	LLLL	40.17 N	103.53 W	290083	762
2142716431	01/21/79		35	33	19898	D	20.77	148.20	20	EEEE	NO	CCCL	LLLL	38.75 N	104.01 W	290083	763
2142808085	01/12/79		197	24	19907	S	11.05	153.69	40	EEFE	NO	CCCL	LLLL	51.47 N	028.75 E	290083	464
2142808091	01/12/79		197	25	19907	S	12.14	153.04	100	EEFE	NO	CCCL	LLLL	50.07 N	028.06 E	290083	465
2142808094	01/12/79		197	26	19907	S	13.24	152.41	80	EEFE	NO	CCCL	LLLL	48.67 N	027.41 E	290083	466
2142808205	01/12/79		197	53	19907	D	39.72	152.29	0	EFZE	NO	CCCL	LLLL	10.09 N	015.75 E	290083	467
2142808212	01/12/79		197	54	19907	D	40.50	131.21	0	EEFE	NO	CCCL	LLLL	08.65 N	015.40 E	290083	468
2142808235	01/12/79		197	60	19907	D	44.68	124.00	80	EEPF	NO	CCCL	LLLL	00.00 N	013.38 E	290083	469
2142813402	01/12/79		251	76	19910	D	49.81	099.58	10	FFFF	NO	CCCL	HLLL	23.01 S	069.64 W	290083	470
2142813404	01/12/79		251	77	19910	D	49.78	097.95	10	FFFF	NO	CCCL	HLLL	24.45 S	070.03 W	290083	471
2142813411	01/12/79		251	78	19910	D	49.71	096.36	0	FFFF	NO	CCCL	HLLL	25.88 S	070.43 W	290083	472
2142813413	01/12/79		251	79	19910	D	49.59	094.80	10	FFFF	NO	CCCL	HLLL	27.31 S	070.82 W	290083	473

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FILM FRAME
2142813420	01/12/79	251	80	19910	D	49.43	093.25	40	FEFF	NO		CCCL	HHLL	28.74 S	071.23 W	290083	474
2142813422	01/12/79	251	81	19910	D	49.22	091.70	70	EEFE	NO		CCCL	HHLL	30.17 S	071.64 W	290083	475
2142813425	01/12/79	251	82	19910	D	48.98	090.20	90	EEFE	NO		CCCL	HHLL	31.60 S	072.05 W	290083	476
2142815063	01/18/79	18	35	19911	D	22.81	146.86	90	EEFE	NO		CCCL	LLLL	35.90 N	080.57 W	290083	714
2142815065	01/18/79	18	36	19911	D	23.84	146.22	90	EEEE	NO		CCCL	LLLL	34.48 N	081.02 W	290083	715
2142815072	01/18/79	18	37	19911	D	24.87	145.57	90	EEEE	NO		CCCL	LLLL	33.05 N	081.45 W	290083	716
2142815074	01/18/79	18	38	19911	D	25.88	144.90	80	EEEE	NO		CCCL	LLLL	31.62 N	081.88 W	290083	717
2142815081	01/18/79	18	39	19911	D	26.89	144.22	80	EEEE	NO		CCCL	LLLL	30.19 N	082.30 W	290083	718
2142815083	01/18/79	18	40	19911	D	27.89	143.52	20	EEFE	NO		CCCL	LLLL	28.76 N	082.71 W	290083	719
2142815090	01/18/79	18	41	19911	D	28.88	142.80	10	EEFF	NO		CCCL	LLLL	27.33 N	083.11 W	290083	720
2142815122	01/12/79	18	49	19911	D	36.35	136.23	10	FEFF	NO		CCCL	LLLL	15.84 N	086.10 W	290083	477
2142815124	01/12/79	18	50	19911	D	37.21	135.29	40	EEFE	NO		CCCL	LLLL	14.40 N	086.45 W	290083	478
2142815131	01/12/79	18	51	19911	D	38.06	134.32	10	EEFE	NO		CCCL	LLLL	12.97 N	086.80 W	290083	479
2142815133	01/12/79	18	52	19911	D	38.88	133.31	10	FFFF	NO		CCCL	LLLL	11.53 N	087.15 W	290083	480
2142816460	01/13/79	36	26	19912	S	13.21	152.38	10	EEEE	NO		CCCL	LLLL	48.66 N	101.63 W	290083	423
2142816462	01/13/79	36	27	19912	S	14.29	151.76	10	EEEE	NO		CCCL	LLLL	47.25 N	102.25 W	290083	424
2142816465	01/13/79	36	28	19912	S	15.37	151.15	0	EEEE	NO		CCCL	LLLL	45.84 N	102.83 W	290083	425
2142816471	01/13/79	36	29	19912	S	16.45	150.54	0	EEEE	NO		CCCL	LLLL	44.43 N	103.40 W	290083	426
2142816474	01/13/79	36	30	19912	S	17.52	149.94	10	EEEE	NO		CCCL	LLLL	43.01 N	103.94 W	290083	427
2142816480	01/13/79	36	31	19912	S	18.58	149.34	10	EEEE	NO		CCCL	LLLL	41.59 N	104.46 W	290083	428
2142816483	01/13/79	36	32	19912	S	19.64	148.73	20	EEEE	NO		CCCL	LLLL	40.17 N	104.97 W	290083	429
2142816485	01/13/79	36	33	19912	D	20.70	148.11	40	EEEE	NO		CCCL	LLLL	38.75 N	105.46 W	290083	430
2142816492	01/13/79	36	34	19912	D	21.75	147.50	30	EEEE	NO		CCCL	LLLL	37.33 N	105.94 W	290083	431
2142816494	01/13/79	36	35	19912	D	22.79	146.86	30	EEEE	NO		CCCL	LLLL	35.91 N	106.40 W	290083	432
2142816501	01/13/79	36	36	19912	D	23.81	146.23	30	EEEE	NO		CCCL	LLLL	34.48 N	106.84 W	290083	433
2142816503	01/13/79	36	37	19912	D	24.84	145.57	10	EEEE	NO		CCCL	LLLL	33.05 N	107.28 W	290083	434
2142816510	01/13/79	36	38	19912	D	25.87	144.90	30	EEEE	NO		CCCL	LLLL	31.62 N	107.71 W	290083	435
2142904542	01/28/79	162	39	19919	D	26.86	144.17	0	EEFE	NO		CCCL	LLLL	30.19 N	071.13 E	290083	615
2142904544	01/28/79	162	40	19919	D	27.86	143.47	10	EEZF	NO		CCCL	LLLL	28.76 N	070.72 E	290083	616
2142906341	01/28/79	180	31	19920	S	18.56	149.28	50	EEFF	NO		CCCL	LLLL	41.60 N	048.95 E	290083	617
2142906344	01/28/79	180	32	19920	S	19.61	148.67	20	EEFF	NO		CCCL	LLLL	40.18 N	048.44 E	290083	618
2142906350	01/28/79	180	33	19920	D	20.66	148.06	30	EEFF	NO		CCCL	LLLL	38.76 N	047.94 E	290083	619
2142906421	01/13/79	180	50	19920	D	37.16	135.25	10	FEFE	NO		CCCL	LLLL	14.40 N	041.17 E	290083	529
2142906423	01/13/79	180	51	19920	D	38.01	134.26	10	EEEE	NO		CCCL	LLLL	12.96 N	040.82 E	290083	530
2142906430	01/13/79	180	52	19920	D	38.83	133.26	20	EEEE	NO		CCCL	LLLL	11.53 N	040.47 E	290083	531
2142906432	01/13/79	180	53	19920	D	39.63	132.22	10	EEFF	NO		CCCL	LLLL	10.09 N	040.13 E	290083	532
2142906435	01/13/79	180	54	19920	D	40.42	131.14	10	EEEE	NO		CCCL	LLLL	08.64 N	039.79 E	290083	533
2142908143	01/13/79	198	24	19921	S	11.03	153.57	50	EEEE	NO		CCCL	LLLL	51.47 N	027.30 E	290083	534
2142908150	01/13/79	198	25	19921	S	12.11	152.94	60	EEEE	NO		CCCL	LLLL	50.07 N	026.63 E	290083	535
2142908152	01/13/79	198	26	19921	S	13.20	152.31	90	EEEE	NO		CCCL	LLLL	48.66 N	026.00 E	290083	536

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2142913454	01/13/79	1	75	19924	D	49.69	101.23	10	EEEE	NO	CCCL	HLLL	21.58 S	070.71 W	290083	537
2142913460	01/13/79	1	76	19924	D	49.71	099.60	10	EEEE	NO	CCCL	HLLL	23.01 S	071.09 W	290083	538
2142913463	01/13/79	1	77	19924	D	49.68	097.98	20	EEEE	NO	CCCL	HLLL	24.45 S	071.46 W	290083	539
2142913465	01/13/79	1	78	19924	D	49.60	096.39	30	EEEE	NO	CCCL	HLLL	25.88 S	071.84 W	290083	540
2142915103	01/12/79	19	31	19925	S	18.55	149.25	100	EEEE	NO	CCCL	LLLL	41.59 N	080.07 W	290083	509
2142915110	01/12/79	19	32	19925	S	19.61	148.63	100	EEEE	NO	CCCL	LLLL	40.17 N	080.58 W	290083	510
2142915112	01/12/79	19	33	19925	D	20.66	148.01	100	EEEE	NO	CCCL	LLLL	38.75 N	081.06 W	290083	511
2142915115	01/12/79	19	34	19925	D	21.70	147.40	90	EEEE	NO	CCCL	LLLL	37.32 N	081.53 W	290083	512
2142915121	01/12/79	19	35	19925	D	22.74	146.77	40	EEEE	NO	CCCL	LLLL	35.90 N	082.00 W	290083	513
2142915124	01/12/79	19	36	19925	D	23.76	146.13	30	EEEE	NO	CCCL	LLLL	34.48 N	082.45 W	290083	514
2142915130	01/12/79	19	37	19925	D	24.79	145.48	80	EEEE	NO	CCCL	LLLL	33.05 N	082.89 W	290083	515
2142915133	01/12/79	19	38	19925	D	25.80	144.82	90	EEEE	NO	CCCL	LLLL	31.62 N	083.32 W	290083	516
2142915135	01/12/79	19	39	19925	D	26.81	144.14	80	EEEE	NO	CCCL	LLLL	30.19 N	083.75 W	290083	517
2142915142	01/12/79	19	40	19925	D	27.81	143.44	30	EEEE	NO	CCCL	LLLL	28.76 N	084.15 W	290083	518
2142915180	01/13/79	19	49	19925	D	36.27	136.15	10	EEEE	NO	CCCL	LLLL	15.84 N	087.53 W	290083	541
2142915183	01/13/79	19	50	19925	D	37.13	135.20	20	EEEE	NO	CCCL	LLLL	14.40 N	087.88 W	290083	542
2142915185	01/13/79	19	51	19925	D	37.98	134.23	10	EEEE	NO	CCCL	LLLL	12.96 N	088.23 W	290083	543
2142916514	01/13/79	37	26	19926	S	13.17	152.28	80	EEEE	NO	CCCL	LLLL	48.66 N	103.07 W	290083	544
2142916521	01/13/79	37	27	19926	S	14.26	151.66	60	EEEE	NO	CCCL	LLLL	47.25 N	103.68 W	290083	545
2142916523	01/13/79	37	28	19926	S	15.34	151.05	100	EEEE	NO	CCCL	LLLL	45.84 N	104.26 W	290083	546
2142916530	01/13/79	37	29	19926	S	16.41	150.44	100	EEEE	NO	CCCL	LLLL	44.42 N	104.82 W	290083	547
2142916532	01/13/79	37	30	19926	S	17.48	149.83	90	EEEE	NO	CCCL	LLLL	43.01 N	105.36 W	290083	548
2142916535	01/13/79	37	31	19926	S	18.55	149.23	70	EEEE	NO	CCCL	LLLL	41.59 N	105.88 W	290083	549
2142916541	01/13/79	37	32	19926	S	19.61	148.62	60	EEEE	NO	CCCL	LLLL	40.17 N	106.39 W	290083	550
2142916544	01/13/79	37	33	19926	D	20.66	148.00	10	EEEE	NO	CCCL	LLLL	38.75 N	106.88 W	290083	551
2142916550	01/13/79	37	34	19926	D	21.71	147.38	10	EEEE	NO	CCCL	LLLL	37.32 N	107.34 W	290083	552
2142916553	01/13/79	37	35	19926	D	22.75	146.76	0	EEEE	NO	CCCL	LLLL	35.90 N	107.80 W	290083	553
2142916555	01/13/79	37	36	19926	D	23.78	146.11	0	EEEE	NO	CCCL	LLLL	34.47 N	108.25 W	290083	554
2142916562	01/13/79	37	37	19926	D	24.80	145.46	0	EEEE	NO	CCCL	LLLL	33.05 N	108.70 W	290083	555
2142916564	01/13/79	37	38	19926	D	25.82	144.80	0	EEEE	NO	CCCL	LLLL	31.62 N	109.13 W	290083	556
2143004555	01/28/79	163	29	19933	S	16.37	150.40	40	FE2F	NO	CCCL	LLLL	44.43 N	074.41 E	290083	620
2143016573	01/13/79	38	26	19940	S	13.13	152.18	70	FFFF	NO	CCCL	LLLL	48.66 N	104.50 W	290083	159
2143016580	01/13/79	38	27	19940	S	14.22	151.55	90	FEFF	NO	CCCL	LLLL	47.25 N	105.10 W	290083	160
2143016582	01/13/79	38	28	19940	S	15.31	150.94	90	FFFF	NO	CCCL	LLLL	45.83 N	105.68 W	290083	161
2143016585	01/13/79	38	29	19940	S	16.38	150.33	90	FFFE	NO	CCCL	LLLL	44.42 N	106.25 W	290083	162
2143016591	01/13/79	38	30	19940	S	17.44	149.73	80	FFFE	NO	CCCL	LLLL	43.00 N	106.79 W	290083	163
2143016594	01/13/79	38	31	19940	S	18.51	149.12	70	FFFE	NO	CCCL	LLLL	41.59 N	107.32 W	290083	164
2143017000	01/13/79	38	32	19940	S	19.56	148.52	50	FEFE	NO	CCCL	LLLL	40.17 N	107.84 W	290083	165
2143017003	01/13/79	38	33	19940	D	20.61	147.91	10	EEEE	NO	CCCL	LLLL	38.76 N	108.33 W	290083	166
2143017005	01/13/79	38	34	19940	D	21.66	147.29	0	EEEE	NO	CCCL	LLLL	37.33 N	108.82 W	290083	167

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CCM	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2143017012	01/13/79	38	35	19940	D	22.70	146.65	0	EEFF	NO		CCCL	LLLL	35.91 N	109.28 W	290083	166
2143017014	01/13/79	38	36	19940	D	23.73	146.01	20	FEFF	NO		CCCL	LLLL	34.48 N	109.72 W	290083	169
2143017021	01/13/79	38	37	19940	D	24.76	145.36	30	EEFF	NO		CCCL	LLLL	33.06 N	110.16 W	290083	170
2143017023	01/13/79	38	38	19940	D	25.77	144.69	10	EEFE	NO		CCCL	LLLL	31.63 N	110.59 W	290083	171
2143100113	01/28/79	110	76	19944	D	49.56	099.65	10	FE2E	NO		CCCL	LLLL	23.01 S	132.56 E	290083	621
2143105014	01/07/79	164	29	19947	S	16.33	150.30	100	EEFE	NO		CCCL	LLLL	44.44 N	072.97 E	290083	303
2143105020	01/07/79	164	30	19947	S	17.40	149.69	70	EEFE	NO		CCCL	LLLL	43.02 N	072.42 E	290083	304
2143105023	01/07/79	164	31	19947	S	18.46	149.09	90	FEFE	NO		CCCL	LLLL	41.60 N	071.90 E	290083	305
2143106450	01/07/79	182	29	19948	S	16.35	150.28	10	EEFE	NO		CCCL	LLLL	44.42 N	047.18 E	290083	306
2143106452	01/07/79	182	30	19948	S	17.42	149.67	10	EEFE	NO		CCCL	LLLL	43.01 N	046.64 E	290083	307
2143106455	01/07/79	182	31	19948	S	18.49	149.07	30	EEFE	NO		CCCL	LLLL	41.59 N	046.12 E	290083	308
2143106461	01/07/79	182	32	19948	S	19.55	148.46	10	EEFE	NO		CCCL	LLLL	40.17 N	045.62 E	290083	309
2143106464	01/07/79	182	33	19948	D	20.59	147.85	30	EEFE	NO		CCCL	LLLL	38.75 N	045.12 E	290083	310
2143106520	01/07/79	182	46	19948	D	33.47	138.65	10	EEFE	NO		CCCL	HHLL	20.15 N	039.76 E	290083	311
2143106532	01/07/79	182	49	19948	D	36.16	135.98	10	EEFE	NO		CCCL	LLLL	15.84 N	038.68 E	290083	312
2143106534	01/07/79	182	50	19948	D	37.02	135.04	10	EEFE	NO		CCCL	LLLL	14.40 N	038.33 E	290083	313
2143106541	01/07/79	182	51	19948	D	37.86	134.07	10	EEFE	NO		CCCL	LLLL	12.96 N	038.00 E	290083	314
2143106543	01/07/79	182	52	19948	D	38.68	133.07	10	EEFE	NO		CCCL	LLLL	11.52 N	037.64 E	290083	315
2143106550	01/07/79	182	53	19948	D	39.48	132.03	20	EEFE	NO		CCCL	LLLL	10.08 N	037.29 E	290083	316
2143106552	01/07/79	182	54	19948	D	40.26	130.96	30	EEFE	NO		CCCL	LLLL	08.64 N	036.95 E	290083	317
2143106555	01/07/79	182	55	19948	D	41.02	129.86	70	EEFF	NO		CCCL	LLLL	07.20 N	036.60 E	290083	382
2143106561	01/07/79	182	56	19948	D	41.74	128.73	10	EEFE	NO		CCCL	LLLL	05.76 N	036.26 E	290083	383
2143106564	01/07/79	182	57	19948	D	42.45	127.56	0	FEFE	NO		CCCL	LLLL	04.32 N	035.92 E	290083	384
2143106570	01/07/79	182	58	19948	D	43.13	126.35	0	FEFE	NO		CCCL	LLLL	02.88 N	035.58 E	290083	385
2143106573	01/07/79	182	59	19948	D	43.78	125.10	10	FEFE	NO		CCCL	LLLL	01.44 N	035.25 E	290083	386
2143108261	01/07/79	200	24	19949	S	10.95	153.38	30	FEFE	NO		CCCL	LLLL	51.47 N	024.43 E	290083	387
2143108263	01/07/79	200	25	19949	S	12.04	152.73	10	FEFE	NO		CCCL	LLLL	50.07 N	023.75 E	290083	388
2143108270	01/07/79	200	26	19949	S	13.13	152.11	70	EEFE	NO		CCCL	LLLL	48.67 N	023.11 E	290083	389
2143110195	01/07/79	218	49	19950	D	36.13	136.00	60	EEFE	NO		CCCL	LLLL	15.84 N	012.93 W	290083	390
2143113480	01/07/79	3	53	19952	D	39.44	132.03	70	EEFE	NO		CCCL	HHLL	10.09 N	066.00 W	290083	391
2143113560	01/07/79	3	72	19952	D	49.18	106.08	70	EEFE	NO		CCCL	HHLL	17.26 S	072.50 W	290083	392
2143115221	01/28/79	21	31	19953	S	18.46	149.03	NA	M666	NO		CCCL	LLLL	41.59 N	082.94 W	0	0
2143115223	01/28/79	21	32	19953	S	19.53	148.42	NA	MMMM	NO		CCCL	LLLL	40.17 N	083.44 W	0	0
2143115230	01/28/79	21	33	19953	D	20.58	147.80	20	EEFE	NO		CCCL	LLLL	38.75 N	083.92 W	290083	622
2143115232	01/28/79	21	34	19953	D	21.62	147.18	10	EEFE	NO		CCCL	LLLL	37.32 N	084.40 W	290083	623
2143115235	01/28/79	21	35	19953	D	22.65	146.56	40	EEFE	NO		CCCL	LLLL	35.90 N	084.87 W	290083	624
2143115241	01/28/79	21	36	19953	D	23.68	145.92	60	FEFE	NO		CCCL	LLLL	34.48 N	085.33 W	290083	625
2143115244	01/28/79	21	37	19953	D	24.70	145.27	60	FEFE	NO		CCCL	LLLL	33.05 N	085.76 W	290083	626
2143115250	01/28/79	21	38	19953	D	25.72	144.60	70	FEFE	NO		CCCL	LLLL	31.62 N	086.19 W	290083	627
2143115253	01/28/79	21	39	19953	D	26.72	143.93	80	FFFF	NO		CCCL	LLLL	30.19 N	086.60 W	290083	628

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2143115285	01/07/79	21	47	19953	D	34.35	137.76	80	EEFE	NO		CCCL	LLLL	18.72 N	089.68 W	290083	393
2143115291	01/07/79	21	48	19953	D	35.24	136.88	70	EEFE	NO		CCCL	LLLL	17.28 N	090.04 W	290083	394
2143115294	01/07/79	21	49	19953	D	36.12	135.96	60	EEFE	NO		CCCL	LLLL	15.84 N	090.40 W	290083	395
2143115300	01/07/79	21	50	19953	D	36.98	135.02	40	EEFE	NO		CCCL	LLLL	14.40 N	090.75 W	290083	396
2143203284	01/07/79	147	40	19960	D	27.68	143.18	0	EEFE	NO		CCCL	LLLL	28.76 N	092.23 E	290083	318
2143203291	01/07/79	147	41	19960	D	28.67	142.46	0	EEFE	NO		CCCL	LLLL	27.33 N	091.84 E	290083	319
2143203293	01/07/79	147	42	19960	D	29.64	141.73	10	EEFE	NO		CCCL	LLLL	25.90 N	091.44 E	290083	320
2143203300	01/07/79	147	43	19960	D	30.60	140.97	10	EEFE	NO		CCCL	LLLL	24.46 N	091.06 E	290083	321
2143203302	01/07/79	147	44	19960	D	31.55	140.19	0	EEFE	NO		CCCL	LLLL	23.03 N	090.67 E	290083	322
2143203305	01/07/79	147	45	19960	D	32.48	139.39	0	FFFF	NO		CCCL	LLLL	21.59 N	090.30 E	290083	323
2143205073	01/07/79	165	29	19961	S	16.32	150.19	30	EEFF	NO		CCCL	LLLL	44.43 N	071.55 E	290083	324
2143205075	01/07/79	165	30	19961	S	17.38	149.58	30	EEFE	NO		CCCL	LLLL	43.02 N	071.00 E	290083	325
2143205082	01/07/79	165	31	19961	S	18.44	148.98	30	FFFF	NO		CCCL	LLLL	41.60 N	070.48 E	290083	326
2143205084	01/07/79	165	32	19961	S	19.49	148.37	60	EEFE	NO		CCCL	LLLL	40.18 N	069.98 E	290083	327
2143205091	01/07/79	165	33	19961	D	20.54	147.76	90	EEPE	NO		CCCL	LLLL	38.76 N	069.50 E	290083	328
2143205093	01/07/79	165	34	19961	D	21.59	147.13	90	EEPE	NO		CCCL	LLLL	37.33 N	069.01 E	290083	329
2143206504	01/07/79	183	29	19962	S	16.31	150.18	90	EEFE	NO		CCCL	LLLL	44.43 N	045.73 E	290083	330
2143206511	01/07/79	183	30	19962	S	17.38	149.57	20	EEFE	NO		CCCL	LLLL	43.02 N	045.18 E	290083	331
2143206513	01/07/79	183	31	19962	S	18.44	148.97	30	EEFE	NO		CCCL	LLLL	41.60 N	044.66 E	290083	332
2143206520	01/07/79	183	32	19962	S	19.50	148.36	20	FEFE	NO		CCCL	LLLL	40.18 N	044.15 E	290083	333
2143206570	01/12/79	183	44	19962	D	31.54	140.18	10	EEEE	NO		CCCL	HHLL	23.03 N	039.04 E	290083	577
2143206572	01/12/79	183	45	19962	D	32.48	139.37	10	EEEE	NO		CCCL	HHLL	21.59 N	038.67 E	290083	578
2143206590	01/12/79	183	49	19962	D	36.08	135.90	10	EEEE	NO		CCCL	LLLL	15.84 N	037.22 E	290083	579
2143206593	01/12/79	183	50	19962	D	36.94	134.96	0	FFEE	NO		CCCL	LLLL	14.40 N	036.87 E	290083	580
2143206595	01/12/79	183	51	19962	D	37.78	133.98	0	EEEF	NO		CCCL	LLLL	12.97 N	036.51 E	290083	581
2143207002	01/12/79	183	52	19962	D	38.60	132.98	0	EEEE	NO		CCCL	LLLL	11.53 N	036.16 E	290083	582
2143207004	01/12/79	183	53	19962	D	39.39	131.95	10	FEFE	NO		CCCL	LLLL	10.09 N	035.82 E	290083	583
2143207011	01/12/79	183	54	19962	D	40.17	130.89	50	EEEE	NO		CCCL	LLLL	08.65 N	035.48 E	290083	584
2143207013	01/13/79	183	55	19962	D	40.92	129.79	50	EEEE	NO		CCCL	LLLL	07.21 N	035.14 E	290083	585
2143207020	01/13/79	183	56	19962	D	41.65	128.65	10	FEFE	NO		CCCL	LLLL	05.77 N	034.80 E	290083	586
2143207040	01/13/79	183	61	19962	D	44.91	122.44	90	EEEE	NO		CCCL	LLLL	01.43 S	033.11 E	290083	587
2143207043	01/13/79	183	62	19962	D	45.47	121.09	90	EEEF	NO		CCCL	LLLL	02.87 S	032.77 E	290083	588
2143217113	01/27/79	40	32	19968	S	19.50	148.30	30	EEEE	NO		CCCL	LLLL	40.18 N	110.72 W	290083	232
2143217120	01/27/79	40	33	19968	D	20.54	147.69	20	EEFE	NO		CCCL	LLLL	38.76 N	111.21 W	290083	233
2143217122	01/27/79	40	34	19968	D	21.58	147.07	10	EEEE	NO		CCCL	LLLL	37.33 N	111.68 W	290083	234
2143217125	01/27/79	40	35	19968	D	22.61	146.45	10	EEEE	NO		CCCL	LLLL	35.91 N	112.14 W	290083	235
2143217131	01/27/79	40	36	19968	D	23.63	145.81	10	EEEE	NO		CCCL	LLLL	34.48 N	112.60 W	290083	236
2143217134	01/27/79	40	37	19968	D	24.66	145.15	0	FEFE	NO		CCCL	LLLL	33.06 N	113.04 W	290083	237
2143217140	01/27/79	40	38	19968	D	25.67	144.50	10	EEFE	NO		CCCL	LLLL	31.63 N	113.47 W	290083	238
2143303352	01/07/79	148	42	19974	D	29.58	141.62	10	FEFE	NO		CCCL	LLLL	25.90 N	090.01 E	290083	334

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2143303355	01/07/79	148	43	19974	D	30.55	140.86	0	EFFE	NO	CCCL	LLLL	24.46 N	089.62 E	290083	335
2143303361	01/07/79	148	44	19974	D	31.50	140.08	0	EEEE	NO	CCCL	LLLL	23.03 N	089.23 E	290083	336
2143303364	01/07/79	148	45	19974	D	32.43	139.28	10	EFEE	NO	CCCL	LLLL	21.60 N	088.85 E	290083	337
2143305131	01/07/79	166	29	19975	S	16.29	150.08	0	EEFF	NO	CCCL	LLLL	44.42 N	070.13 E	290083	338
2143305134	01/07/79	166	30	19975	S	17.35	149.47	0	EEFF	NO	CCCL	LLLL	43.01 N	069.59 E	290083	339
2143305140	01/07/79	166	31	19975	S	18.41	148.87	0	EEFE	NO	CCCL	LLLL	41.59 N	069.07 E	290083	340
2143305143	01/07/79	166	32	19975	S	19.47	148.26	0	EEFE	NO	CCCL	LLLL	40.17 N	068.55 E	290083	341
2143305184	01/07/79	166	42	19975	D	29.57	141.63	0	EEFE	NO	CCCL	HLLL	25.90 N	064.20 E	290083	342
2143305190	01/07/79	166	43	19975	D	30.53	140.86	0	EEFF	NO	CCCL	HLLL	24.46 N	063.81 E	290083	343
2143306554	01/07/79	184	27	19976	S	14.16	151.28	100	FEFE	NO	CCCL	LLLL	47.25 N	045.47 E	290085	344
2143306560	01/07/79	184	28	19976	S	15.23	150.67	90	FEFE	NO	CCCL	LLLL	45.84 N	044.88 E	290083	345
2143306563	01/07/79	184	29	19976	S	16.30	150.06	90	EEEE	NO	CCCL	LLLL	44.42 N	044.31 E	290083	346
2143306565	01/07/79	184	30	19976	S	17.36	149.46	90	EEEE	NO	CCCL	LLLL	43.01 N	043.78 E	290083	347
2143306572	01/07/79	184	31	19976	S	18.43	148.85	90	FEFE	NO	CCCL	LLLL	41.59 N	043.26 E	290083	348
2143307063	01/07/79	184	53	19976	D	39.33	131.83	10	FEFE	NO	CCCL	LLLL	10.08 N	034.40 E	290083	349
2143307065	01/07/79	184	54	19976	D	40.11	130.77	40	FFEE	NO	CCCL	LLLL	08.64 N	034.06 E	290083	350
2143307072	01/07/79	184	55	19976	D	40.85	129.68	80	FEFE	NO	CCCL	LLLL	07.20 N	033.72 E	290083	351
2143312285	01/07/79	238	83	19979	D	48.20	089.02	30	E222	NO	CCCL	HLLL	33.03 S	053.83 W	290083	352
2143312291	01/07/79	238	84	19979	D	47.89	087.63	NA	2222	NO	CCCL	HLLL	34.46 S	054.26 W	0	0
2143312294	01/07/79	238	85	19979	D	47.53	086.29	50	EEEE	NO	CCCL	HLLL	35.89 S	054.70 W	290083	353
2143314002	01/07/79	5	55	19980	D	40.83	129.65	0	EEFE	NO	CCCL	LLLL	07.20 N	069.53 W	290083	354
2143314005	01/07/79	5	56	19980	D	41.56	128.51	10	EEEE	NO	CCCL	LLLL	05.76 N	069.87 W	290083	355
2143314070	01/07/79	5	71	19980	D	48.79	107.58	20	FEFF	NO	CCCL	HLLL	15.83 S	074.98 W	290083	356
2143314073	01/07/79	5	72	19980	D	48.97	106.00	60	EEFF	NO	CCCL	HLLL	17.27 S	075.34 W	290083	357
2143315322	01/07/79	23	28	19981	S	15.22	150.63	90	EEEE	NO	CCCL	LLLL	45.84 N	084.18 W	290083	358
2143315325	01/07/79	23	29	19981	S	16.29	150.02	90	FEFE	NO	CCCL	LLLL	44.42 N	084.75 W	290083	359
2143315331	01/07/79	23	30	19981	S	17.36	149.42	80	EEEE	NO	CCCL	LLLL	43.01 N	085.28 W	290083	360
2143315334	01/07/79	23	31	19981	S	18.42	148.81	80	EEEE	NO	CCCL	LLLL	41.59 N	085.80 W	290083	361
2143315340	01/07/79	23	32	19981	S	19.47	148.20	70	EEEE	NO	CCCL	LLLL	40.17 N	086.30 W	290083	362
2143315343	01/07/79	23	33	19981	D	20.51	147.59	30	EEEE	NO	CCCL	LLLL	38.75 N	086.79 W	290083	363
2143315345	01/07/79	23	34	19981	D	21.55	146.97	10	EEEE	NO	CCCL	LLLL	37.32 N	087.27 W	290083	364
2143315352	01/07/79	23	35	19981	D	22.59	146.34	0	EEEE	NO	CCCL	LLLL	35.90 N	087.75 W	290083	365
2143315354	01/07/79	23	36	19981	D	23.61	145.70	0	EEEE	NO	CCCL	LLLL	34.48 N	088.20 W	290083	366
2143315361	01/07/79	23	37	19981	D	24.62	145.05	0	EEEE	NO	CCCL	LLLL	33.05 N	088.64 W	290083	367
2143315363	01/07/79	23	38	19981	D	25.63	144.39	0	EEEE	NO	CCCL	LLLL	31.62 N	089.06 W	290083	368
2143317145	01/07/79	41	26	19982	S	13.08	151.85	60	FEFE	NO	CCCL	LLLL	48.66 N	108.80 W	290083	369
2143317152	01/07/79	41	27	19982	S	14.16	151.23	70	EEEE	NO	CCCL	LLLL	47.25 N	109.42 W	290083	370
2143317154	01/07/79	41	28	19982	S	15.22	150.62	30	EEEE	NO	CCCL	LLLL	45.84 N	110.01 W	290083	371
2143317161	01/07/79	41	29	19982	S	16.29	150.02	30	EEEE	NO	CCCL	LLLL	44.43 N	110.58 W	290083	372
2143317163	01/07/79	41	30	19982	S	17.35	149.41	30	222E	NO	CCCL	LLLL	43.02 N	111.12 W	290083	373

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2143317170	01/07/79	41	31	19982	S	18.40	148.81	20	EEEE	NO	CCCL	LLLL	41.60 N	111.64 W	290083	374
2143317172	01/07/79	41	32	19982	S	19.45	148.20	0	EEEE	NO	CCCL	LLLL	40.17 N	112.14 W	290083	375
2143317175	01/07/79	41	33	19982	D	20.50	147.59	0	EEEE	NO	CCCL	LLLL	38.75 N	112.63 W	290083	376
2143317181	01/07/79	41	34	19982	D	21.54	146.96	0	EFFE	NO	CCCL	LLLL	37.33 N	113.10 W	290083	377
2143317184	01/07/79	41	35	19982	D	22.58	146.33	10	EEEE	NO	CCCL	LLLL	35.90 N	113.56 W	290083	378
2143317190	01/07/79	41	36	19982	D	23.61	145.69	10	EEEE	NO	CCCL	LLLL	34.48 N	114.00 W	290083	379
2143317193	01/07/79	41	37	19982	D	24.63	145.04	10	EEEE	NO	CCCL	LLLL	33.05 N	114.44 W	290083	380
2143317195	01/07/79	41	38	19982	D	25.64	144.37	0	EEEE	NO	CCCL	LLLL	31.62 N	114.88 W	290083	381
2143405192	01/18/79	167	30	19989	S	17.33	149.37	100	FEFF	NO	CCCL	LLLL	43.02 N	068.13 E	290083	766
2143405195	01/18/79	167	31	19989	S	18.39	148.76	90	EEFF	NO	CCCL	LLLL	41.60 N	067.60 E	290083	767
2143405201	01/18/79	167	32	19989	S	19.44	148.15	90	EE2E	NO	CCCL	LLLL	40.18 N	067.10 E	290083	768
2143407013	01/18/79	185	27	19990	S	14.15	151.17	100	EE2F	NO	CCCL	LLLL	47.24 N	044.04 E	290083	769
2143407015	01/18/79	185	28	19990	S	15.22	150.56	100	FE2E	NO	CCCL	LLLL	45.83 N	043.45 E	290083	770
2143407022	01/18/79	185	29	19990	S	16.28	149.95	90	EE2E	NO	CCCL	LLLL	44.42 N	042.88 E	290083	771
2143407110	01/18/79	185	50	19990	D	36.81	134.75	0	FEPE	NO	CCCL	LLLL	14.40 N	034.01 E	290083	772
2143407113	01/18/79	185	51	19990	D	37.65	133.77	0	FEPE	NO	CCCL	LLLL	12.96 N	033.66 E	290083	773
2143412350	01/18/79	239	84	19993	D	47.78	087.68	30	FEFF	NO	CCCL	HHLL	34.46 S	055.69 W	290083	774
2143412352	01/18/79	239	85	19993	D	47.42	086.32	40	FEFF	NO	CCCL	HHLL	35.88 S	056.14 W	290083	775
2143412355	01/18/79	239	86	19993	D	47.03	085.02	70	EEFF	NO	CCCL	HHLL	37.30 S	056.61 W	290083	776
2143412361	01/13/79	239	87	19993	D	46.60	083.78	NA	MMMM	NO	CCCL	HHLL	38.72 S	057.09 W	0	0
2143414025	01/13/79	6	47	19994	D	34.18	137.44	20	EEEE	NO	CCCL	LLLL	18.72 N	068.18 W	290083	436
2143414050	01/13/79	6	52	19994	D	38.44	132.75	20	EEEE	NO	CCCL	LLLL	11.53 N	069.96 W	290083	437
2143414052	01/13/79	6	53	19994	D	39.23	131.71	10	EEEE	NO	CCCL	LLLL	10.09 N	070.28 W	290083	438
2143414055	01/13/79	6	54	19994	D	40.00	130.64	20	EEEE	NO	CCCL	LLLL	08.65 N	070.62 W	290083	439
2143414061	01/13/79	6	55	19994	D	40.75	129.55	10	EEEE	NO	CCCL	LLLL	07.20 N	070.96 W	290083	440
2143414120	01/13/79	6	69	19994	D	48.19	110.67	100	EEEE	NO	CCCL	HHLL	12.95 S	075.71 W	290083	441
2143414123	01/13/79	6	70	19994	D	48.46	109.11	70	EEEE	NO	CCCL	HHLL	14.39 S	076.06 W	290083	442
2143417204	01/21/79	42	26	19996	S	13.08	151.73	90	FEFE	NO	CCCL	LLLL	48.66 N	110.25 W	290083	490
2143417210	01/21/79	42	27	19996	S	14.15	151.12	90	EEEE	NO	CCCL	LLLL	47.25 N	110.85 W	290083	491
2143417213	01/21/79	42	28	19996	S	15.21	150.51	80	EEEE	NO	CCCL	LLLL	45.84 N	111.44 W	290083	492
2143417215	01/21/79	42	29	19996	S	16.27	149.91	90	EEEE	NO	CCCL	LLLL	44.43 N	112.01 W	290083	493
2143417222	01/21/79	42	30	19996	S	17.33	149.30	80	EEEE	NO	CCCL	LLLL	43.01 N	112.55 W	290083	494
2143417224	01/21/79	42	31	19996	S	18.39	148.69	20	EEEE	NO	CCCL	LLLL	41.59 N	113.07 W	290083	495
2143417231	01/21/79	42	32	19996	S	19.45	148.08	10	EEEE	NO	CCCL	LLLL	40.17 N	113.57 W	290083	496
2143417233	01/21/79	42	33	19996	D	20.50	147.46	10	EEEE	NO	CCCL	LLLL	38.75 N	114.06 W	290083	497
2143417240	01/21/79	42	34	19996	D	21.54	146.84	10	EEEE	NO	CCCL	LLLL	37.33 N	114.54 W	290083	498
2143417242	01/21/79	42	35	19996	D	22.57	146.21	10	EEEE	NO	CCCL	LLLL	35.91 N	115.01 W	290083	499
2143417245	01/21/79	42	36	19996	D	23.58	145.57	0	EEEE	NO	CCCL	LLLL	34.48 N	115.45 W	290083	500
2143417251	01/21/79	42	37	19996	D	24.59	144.93	10	EEFE	NO	CCCL	LLLL	33.05 N	115.89 W	290083	501
2143417254	01/21/79	42	38	19996	D	25.60	144.26	20	EEEE	NO	CCCL	LLLL	31.62 N	116.31 W	290083	502

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2143507071	01/15/79	186	27	20004	S	14.14	151.06	100	EFFE	NO	CCCL	LLLL	47.25 N	042.59 E	290083	777
2143507074	01/18/79	186	28	20004	S	15.22	150.44	100	EFFE	NO	CCCL	LLLL	45.84 N	042.00 E	290083	778
2143507080	01/18/79	186	29	20004	S	16.28	149.83	90	FEFE	NO	CCCL	LLLL	44.43 N	041.44 E	290083	779
2143507162	01/18/79	186	49	20004	D	35.90	135.56	0	EEFE	NO	CCCL	LLLL	15.85 N	032.90 E	290083	780
2143507165	01/18/79	186	50	20004	D	36.75	134.62	10	EFFE	NO	CCCL	LLLL	14.41 N	032.55 E	290083	781
2143507171	01/18/79	186	51	20004	D	37.58	133.66	0	EFFE	NO	CCCL	LLLL	12.97 N	032.19 E	290083	782
2143512405	01/18/79	240	84	20007	D	47.67	087.69	10	FFFF	NO	CCCL	HHLL	34.46 S	057.12 W	290083	783
2143512411	01/18/79	240	85	20007	D	47.31	086.34	10	FFFF	NO	CCCL	HHLL	35.88 S	057.58 W	290083	784
2143512414	01/18/79	240	86	20007	D	46.92	085.05	10	FFFF	NO	CCCL	HHLL	37.30 S	058.06 W	290083	785
2143512420	01/18/79	240	87	20007	D	46.49	083.81	10	FEFF	NO	CCCL	HHLL	38.72 S	058.54 W	290083	786
2143512423	01/18/79	240	88	20007	D	46.03	082.63	20	FEFF	NO	CCCL	HHLL	40.14 S	059.04 W	290083	787
2143514120	01/18/79	7	55	20008	D	40.69	129.43	20	EEFE	NO	CCCL	LLLL	07.20 N	072.39 W	290083	788
2143514172	01/18/79	7	68	20008	D	47.79	112.12	90	FFFF	NO	CCCL	HHLL	11.52 S	076.80 W	290083	789
2143514175	01/18/79	7	69	20008	D	48.09	110.59	60	FFFF	NO	CCCL	HHLL	12.96 S	077.15 W	290083	790
2143603481	01/07/79	151	31	20016	S	18.37	148.53	0	EEFE	NO	CCCL	LLLL	41.58 N	090.59 E	290083	397
2143605315	01/07/79	169	32	20017	S	19.42	147.91	10	EEFE	NO	CCCL	LLLL	40.17 N	064.25 E	290083	398
2143605360	01/07/79	169	42	20017	D	29.47	141.25	0	EEFE	NO	CCCL	HHLL	25.90 N	059.89 E	290083	399
2143605362	01/07/79	169	43	20017	D	30.42	140.50	0	EEFE	NO	CCCL	HHLL	24.46 N	059.50 F	290083	400
2143605365	01/07/79	169	44	20017	D	31.36	139.73	10	EEFE	NO	CCCL	HHLL	23.03 N	059.12 E	290083	401
2143605371	01/07/79	169	45	20017	D	32.28	138.92	10	EEFE	NO	CCCL	HHLL	21.59 N	058.75 E	290083	402
2143614140	01/21/79	8	46	20022	D	33.19	138.04	40	EEEE	NO	CCCL	LLLL	20.16 N	070.69 W	290083	764
2143617324	01/21/79	44	27	20024	S	14.15	150.88	20	EEEE	NO	CCCL	LLLL	47.25 N	113.72 W	290083	765
2143623045	01/07/79	98	81	20027	D	48.34	091.94	20	EEPE	NO	CCCL	LLLL	30.18 S	147.82 E	290083	403
2143705414	01/07/79	170	42	20031	D	29.45	141.12	30	EEFE	NO	CCCL	HHLL	25.89 N	058.47 E	290083	404
2143705421	01/07/79	170	43	20031	D	30.40	140.36	10	EEFE	NO	CCCL	HHLL	24.46 N	058.08 E	290083	405
2143707180	01/07/79	188	25	20032	S	12.02	152.07	100	EEZE	NO	CCCL	LLLL	50.06 N	040.98 E	290083	406
2143707182	01/07/79	188	26	20032	S	13.09	151.44	100	EEZE	NO	CCCL	LLLL	48.66 N	040.33 E	290083	407
2143707185	01/07/79	188	27	20032	S	14.15	150.82	100	EEZE	NO	CCCL	LLLL	47.25 N	039.71 E	290083	408
2143707191	01/07/79	188	28	20032	S	15.21	150.21	90	EEZE	NO	CCCL	LLLL	45.85 N	039.11 E	290083	409
2143707193	01/07/79	188	29	20032	S	16.27	149.61	90	EEPE	NO	CCCL	LLLL	44.43 N	038.55 E	290083	410
2143707421	01/07/79	188	83	20032	D	47.78	089.05	20	EEPE	NO	CCCL	LLLL	33.03 S	017.86 E	290083	411
2143712540	01/07/79	242	88	20035	D	45.80	082.67	10	EEZE	NO	CCCL	HHLL	40.14 S	061.89 W	290083	412
2143712542	01/07/79	242	89	20035	D	45.30	081.54	10	FEPH	NO	CCCL	HHLL	41.56 S	062.40 W	290083	413
2143712545	01/07/79	242	90	20035	D	44.78	080.47	10	FEP2	NO	CCCL	HHLL	42.98 S	062.93 W	290083	414
2143714224	01/07/79	9	53	20036	D	39.06	131.32	10	EEFE	NO	CCCL	LLLL	10.08 N	074.57 W	290083	415
2143714231	01/07/79	9	54	20036	D	39.83	130.24	40	EEFE	NO	CCCL	LLLL	08.64 N	074.92 W	290083	416
2143723095	01/13/79	99	79	20041	D	48.58	094.89	10	EEEE	NO	CCCL	LLLL	27.31 S	147.18 E	290083	557
2143800513	01/13/79	117	75	20042	D	48.79	101.04	10	EEEE	NO	CCCL	LLLL	21.58 S	122.90 E	290083	558
2143800515	01/13/79	117	76	20042	D	48.80	099.48	0	EEEE	NO	CCCL	LLLL	23.01 S	122.52 E	290083	559
2143802265	01/13/79	135	56	20043	D	41.25	127.97	30	EEEE	NO	CCCL	LLLL	05.76 N	103.64 E	290083	560

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2143802271	01/13/79	135	57	20043	D	41.94	126.81	40	EEEE	NO		CCCL	LLLL	04.32 N	103.30 E	290083	561
2143802274	01/13/79	135	58	20043	D	42.61	125.61	40	EEEE	NO		CCCL	LLLL	02.88 N	102.97 E	290083	562
2143802280	01/13/79	135	59	20043	D	43.24	124.39	50	EEEE	NO		CCCL	LLLL	01.44 N	102.63 E	290083	563
2143805480	01/13/79	171	43	20045	D	30.37	140.23	10	EEEE	NO		CCCL	HHLL	24.46 N	056.63 E	290083	564
2143807234	01/13/79	169	25	20046	S	12.02	151.96	100	EEFE	NO		CCCL	LLLL	50.05 W	039.56 E	290083	565
2143807241	01/13/79	169	26	20046	S	13.09	151.33	100	FEFF	NO		CCCL	LLLL	48.65 N	038.91 E	290083	566
2143807243	01/13/79	169	27	20046	S	14.16	150.71	100	EEFE	NO		CCCL	LLLL	47.25 N	038.28 E	290083	567
2143807250	01/13/79	189	28	20046	S	15.22	150.09	100	EEEE	NO		CCCL	LLLL	45.85 N	037.68 E	290083	568
2143807252	01/13/79	189	29	20046	S	16.27	149.50	90	EEEE	NO		CCCL	LLLL	44.44 N	037.11 E	290083	569
2143812592	01/13/79	243	87	20049	D	46.14	083.86	40	EEEE	NO		CCCL	HHLL	38.72 S	062.84 W	290083	570
2143812595	01/13/79	243	88	20049	D	45.68	082.68	0	EEFE	NO		CCCL	HHLL	40.14 S	063.33 W	290083	571
2143813001	01/13/79	243	89	20049	D	45.19	081.56	0	EEFE	NO		CCCL	HHLL	41.56 S	063.84 W	290083	572
2143813004	01/13/79	243	90	20049	D	44.66	080.50	0	FFFF	NO		CCCL	HHLL	42.97 S	064.37 W	290083	573
2143814294	01/13/79	10	56	20050	D	41.23	127.90	NA	MMMM	NO		CCCL	LLLL	05.76 N	077.04 W	0	0
2143814301	01/13/79	10	57	20050	D	41.92	126.73	90	EEEE	NO		CCCL	LLLL	04.32 N	077.38 W	290083	574
2143814303	01/13/79	10	58	20050	D	42.58	125.53	80	EEEE	NO		CCCL	LLLL	02.88 N	077.72 W	290083	575
2143814310	01/13/79	10	59	20050	D	43.22	124.30	70	EEEE	NO		CCCL	LLLL	01.44 N	078.05 W	290083	576
2143917493	01/18/79	47	26	20066	S	13.16	151.13	10	EEEE	NO		CCCL	LLLL	48.66 N	117.40 W	290083	721
2143917500	01/18/79	47	27	20066	S	14.23	150.51	0	EEEE	NO		CCCL	LLLL	47.25 N	118.01 W	290083	722
2143917502	01/18/79	47	28	20066	S	15.30	149.89	10	EEEE	NO		CCCL	LLLL	45.83 N	118.59 W	290083	723
2143917505	01/18/79	47	29	20066	S	16.36	149.27	10	EEEE	NO		CCCL	LLLL	44.42 N	119.16 W	290083	724
2143917511	01/18/79	47	30	20066	S	17.40	148.66	80	EEEE	NO		CCCL	LLLL	43.01 N	119.70 W	290083	725
2143917514	01/18/79	47	31	20066	S	18.44	148.06	90	EEEE	NO		CCCL	LLLL	41.59 N	120.22 W	290083	726
2143917520	01/18/79	47	32	20066	S	19.47	147.45	10	EEEE	NO		CCCL	LLLL	40.17 N	120.72 W	290083	727
2143917523	01/18/79	47	33	20066	D	20.49	146.84	20	EEEE	NO		CCCL	LLLL	38.74 N	121.21 W	290083	728
2143917525	01/18/79	47	34	20066	D	21.52	146.21	20	EEEE	NO		CCCL	LLLL	37.32 N	121.68 W	290083	729
2143917532	01/18/79	47	35	20066	D	22.55	145.57	10	EEEE	NO		CCCL	LLLL	35.90 N	122.15 W	290083	730
2144102432	01/27/79	138	54	20085	D	39.67	129.73	40	EEEF	NO		CCCL	LLLL	08.65 N	100.02 E	290083	791
2144102434	01/27/79	138	55	20085	D	40.40	128.64	40	EEEF	NO		CCCL	LLLL	07.21 N	099.68 E	290083	792
2144106090	01/27/79	174	52	20087	D	38.15	131.79	10	EEEF	NO		CCCL	LLLL	11.52 N	049.08 E	290083	793
2144106092	01/27/79	174	53	20087	D	38.93	130.75	10	FEFF	NO		CCCL	LLLL	10.09 N	048.73 E	290083	794
2144106095	01/27/79	174	54	20087	D	39.68	129.69	10	EEEF	NO		CCCL	LLLL	08.65 N	048.39 E	290083	795
2144107403	01/27/79	192	24	20088	S	11.69	152.22	90	FEFF	NO		CCCL	LLLL	51.45 N	035.96 E	290083	796
2144107410	01/27/79	192	25	20088	S	12.15	151.58	50	FEFF	NO		CCCL	LLLL	50.05 N	035.27 E	290083	797
2144107412	01/27/79	192	26	20088	S	13.21	150.95	90	EEFF	NO		CCCL	LLLL	48.65 N	034.62 E	290083	798
2144107415	01/27/79	192	27	20088	S	14.26	150.32	90	FEFF	NO		CCCL	LLLL	47.24 N	034.01 E	290083	799
2144107421	01/27/79	192	28	20088	S	15.33	149.70	100	EEFF	NO		CCCL	LLLL	45.83 N	033.41 E	290083	800
2144107424	01/27/79	192	29	20088	S	16.38	149.09	40	EEFF	NO		CCCL	LLLL	44.42 N	032.84 E	290083	801
2144113191	01/27/79	246	93	20091	D	42.51	077.72	0	EEEF	NO		CCCL	LLLL	47.21 S	070.37 W	290083	802
2144113193	01/27/79	246	94	20091	D	41.87	076.93	0	EEEE	NO		CCCL	LLLL	48.61 S	071.00 W	290083	803

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2144113200	01/27/79	246	95	20091	D	41.20	076.20	0	EEEE	NO		CCCL	LLLL	50.01 S	071.64 W	290083	804
2144113202	01/27/79	246	96	20091	D	40.51	075.55	20	EEEE	NO		CCCL	LLLL	51.40 S	072.33 W	290083	805
2144114461	01/27/79	13	54	20092	D	39.66	129.64	30	EEFE	NO		CCCL	LLLL	08.64 N	080.65 W	290083	806
2144316292	01/27/79	33	26	20121	S	13.35	150.63	10	EEFF	NO		CCCL	LLLL	48.66 N	097.32 W	290083	807
2144316294	01/27/79	33	27	20121	S	14.40	150.01	10	EEFF	NO		CCCL	LLLL	47.25 N	097.94 W	290083	808
2144316301	01/27/79	33	28	20121	S	15.45	149.39	10	EEFF	NO		CCCL	LLLL	45.84 N	098.53 W	290083	809
2144316303	01/27/79	33	29	20121	S	16.49	148.77	10	EEFF	NO		CCCL	LLLL	44.43 N	099.09 W	290083	810
2144316310	01/27/79	33	30	20121	S	17.53	148.16	80	EEFF	NO		CCCL	LLLL	43.01 N	099.64 W	290083	811
2144316312	01/27/79	33	31	20121	S	18.56	147.54	100	EEFF	NO		CCCL	LLLL	41.59 N	100.16 W	290083	812
2144316315	01/27/79	33	32	20121	S	19.59	146.92	100	EEFF	NO		CCCL	LLLL	40.18 N	100.67 W	290083	813
2144316321	01/27/79	33	33	20121	D	20.61	146.30	100	EEFF	NO		CCCL	LLLL	38.76 N	101.16 W	290083	814
2144316324	01/27/79	33	34	20121	D	21.63	145.67	100	EEFF	NO		CCCL	LLLL	37.33 N	101.64 W	290083	815
2144316330	01/27/79	33	35	20121	D	22.64	145.02	100	EEFF	NO		CCCL	LLLL	35.91 N	102.10 W	290083	816
2144316333	01/27/79	33	36	20121	D	23.65	144.37	90	EEFF	NO		CCCL	LLLL	34.48 N	102.55 W	290083	817
2144404333	01/27/79	159	29	20128	S	16.51	148.71	20	FFFF	NO		CCCL	LLLL	44.42 N	080.17 E	290083	818
2144404374	01/27/79	159	39	20128	D	26.62	142.26	0	EEEE	NO		CCCL	LLLL	30.19 N	075.43 E	290083	819
2144406205	01/27/79	177	39	20129	D	26.63	142.25	10	EEFF	NO		CCCL	HLLL	30.19 N	049.62 E	290083	820
2144406212	01/27/79	177	40	20129	D	27.59	141.54	0	EEFF	NO		CCCL	HLLL	28.76 N	049.21 E	290083	821
2144406214	01/27/79	177	41	20129	D	28.54	140.82	0	EEFF	NO		CCCL	HLLL	27.33 N	048.81 E	290083	822
2144407580	01/27/79	195	24	20130	S	11.30	151.83	20	EEFF	NO		CCCL	LLLL	51.44 N	031.67 E	290083	823
2144407582	01/27/79	195	25	20130	S	12.36	151.18	30	EEFF	NO		CCCL	LLLL	50.04 N	030.98 E	290083	824
2144407584	01/27/79	195	26	20130	S	13.40	150.54	10	EEFE	NO		CCCL	LLLL	48.64 N	030.32 E	290083	825
2144407591	01/27/79	195	27	20130	S	14.44	149.92	0	EEFF	NO		CCCL	LLLL	47.24 N	029.69 E	290083	826
2144407593	01/27/79	195	28	20130	S	15.48	149.31	40	FEFF	NO		CCCL	LLLL	45.84 N	029.10 E	290083	827
2144408100	01/27/79	195	53	20130	D	38.85	130.23	0	FEFF	NO		CCCL	LLLL	10.08 N	018.62 E	290083	828
2144408102	01/27/79	195	54	20130	D	39.59	129.16	10	FFEE	NO		CCCL	LLLL	08.64 N	018.28 E	290083	829
2144411445	01/27/79	231	73	20132	D	47.97	103.37	100	FFEE	NO		CCCL	HLLL	18.71 S	039.84 W	290083	830
2144706352	01/27/79	180	32	20171	S	19.83	146.40	30	MEFE	NO		CCCL	LLLL	40.16 N	048.51 E	290083	831
2144706354	01/27/79	180	33	20171	D	20.84	145.77	60	2EPE	NO		CCCL	LLLL	38.74 N	048.02 E	290083	832
2144706425	01/27/79	180	50	20171	D	36.53	132.67	10	FEFE	NO		CCCL	LLLL	14.40 N	041.20 E	290083	833
2144706431	01/27/79	180	51	20171	D	37.32	131.69	30	FFFE	NO		CCCL	LLLL	12.96 N	040.86 E	290083	834
2144706434	01/27/79	180	52	20171	D	38.09	130.69	10	FEFE	NO		CCCL	LLLL	11.52 N	040.51 E	290083	835
2144706440	01/27/79	180	53	20171	D	38.84	129.65	20	EEFE	NO		CCCL	LLLL	10.08 N	040.16 E	290083	836
2144706443	01/27/79	180	54	20171	D	39.56	128.58	50	EEFE	NO		CCCL	LLLL	08.64 N	039.81 E	290083	837
2144706445	01/27/79	180	55	20171	D	40.27	127.48	50	EEFE	NO		CCCL	LLLL	07.20 N	039.47 E	290083	838
2144706452	01/27/79	180	56	20171	D	40.95	126.34	30	EEEE	NO		CCCL	LLLL	05.76 N	039.13 E	290083	839
2144706454	01/27/79	180	57	20171	D	41.60	125.17	20	EEFE	NO		CCCL	LLLL	04.32 N	038.79 E	290083	840
2144706461	01/27/79	180	58	20171	D	42.23	123.98	50	EEFE	NO		CCCL	LLLL	02.88 N	038.45 E	290083	841
2144706463	01/27/79	180	59	20171	D	42.83	122.75	90	EEEE	NO		CCCL	LLLL	01.44 N	038.11 E	290083	842
2144706470	01/27/79	180	60	20171	D	43.40	121.48	90	EEEE	NO		CCCL	LLLL	00.00 N	037.78 E	290083	843

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2144706472	01/27/79	180	61	20171	D	43.94	120.19	100	EEEE	NO				CCCL LLLL 01.44 S	037.44 E	290083	844
2144706475	01/27/79	180	62	20171	D	44.45	118.87	90	EEEE	NO				CCCL LLLL 02.88 S	037.10 E	290083	845
2144706481	01/27/79	180	63	20171	D	44.92	117.52	100	EEEE	NO				CCCL LLLL 04.32 S	036.76 E	290083	846
2144706484	01/27/79	180	64	20171	D	45.37	116.15	90	EEEE	NO				CCCL LLLL 05.76 S	036.42 E	290083	847
2144706490	01/27/79	180	65	20171	D	45.77	114.75	90	MFFF	NO				CCCL LLLL 07.20 S	036.08 E	290083	848
2144706543	01/27/79	180	78	20171	D	47.60	095.41	100	PEFF	NO				CCCL LLLL 25.89 S	031.41 E	290083	849
2144808210	01/27/79	199	24	20186	S	11.62	151.33	100	EEEE	NO				CCCL LLLL 51.46 N	025.89 E	290083	850
2144808212	01/27/79	199	25	20186	S	12.67	150.67	30	EEEE	NO				CCCL LLLL 50.06 N	025.21 E	290083	851
2144808215	01/27/79	199	26	20186	S	13.72	150.03	40	FFEE	NO				CCCL LLLL 48.65 N	024.58 E	290083	852
2144812032	01/27/79	235	62	20188	D	44.40	118.59	60	EEEE	NO				CCCL HLLL 02.88 S	041.75 W	290083	853
2144813423	01/27/79	2	52	20189	D	38.09	130.44	20	EEFE	NO				CCCL HLLL 11.53 N	064.21 W	290083	854
2144813425	01/27/79	2	53	20189	D	38.83	129.40	NA	2222	NO				CCCL HLLL 10.09 N	064.55 W	0	0
2144813434	01/27/79	2	55	20189	D	40.25	127.22	NA	2222	NO				CCCL LLLL 07.21 N	065.25 W	0	0
2144813441	01/27/79	2	56	20189	D	40.93	124.08	NA	2222	NO				CCCL LLLL 05.77 N	065.58 W	0	0
2144813443	01/27/79	2	57	20189	D	41.58	124.91	50	FEFF	NO				CCCL LLLL 04.33 N	065.92 W	290083	855
2144813450	01/27/79	2	58	20189	D	42.20	123.71	30	FEFF	NO				CCCL LLLL 02.88 N	066.25 W	290083	856
2144813452	01/27/79	2	59	20189	D	42.79	122.48	50	EEFF	NO				CCCL LLLL 01.44 N	066.58 W	290083	857
2145005083	01/27/79	165	30	20212	S	18.06	147.22	NA	MMMM	NO				CCCL LLLL 43.00 N	071.04 E	0	0
2145005101	01/27/79	165	34	20212	D	22.09	144.66	90	EEFE	NO				CCCL LLLL 37.32 N	069.04 E	290084	1
2145006512	01/27/79	183	29	20213	S	17.06	147.83	80	EEFE	NO				CCCL LLLL 44.40 N	045.80 E	290084	2
2145006515	01/27/79	183	30	20213	S	18.09	147.19	10	EEEE	NO				CCCL LLLL 42.99 N	045.25 E	290084	3
2145015272	01/27/79	22	28	20218	S	16.06	148.41	30	EEEE	NO				CCCL LLLL 45.83 N	082.72 W	290084	52
2145015274	01/27/79	22	29	20218	S	17.08	147.78	20	EEEE	NO				CCCL LLLL 44.42 N	083.29 W	290084	53
2145015281	01/27/79	22	30	20218	S	18.11	147.15	10	EEEE	NO				CCCL LLLL 43.00 N	083.84 W	290084	54
2145015283	01/27/79	22	31	20218	S	19.12	146.52	0	EEEE	NO				CCCL LLLL 41.59 N	084.36 W	290084	55
2145015290	01/27/79	22	32	20218	D	20.13	145.88	10	EEEE	NO				CCCL LLLL 40.17 N	084.87 W	290084	56
2145015292	01/27/79	22	33	20218	D	21.14	145.25	30	EEEE	NO				CCCL LLLL 38.74 N	085.35 W	290084	57
2145021014	01/27/79	76	87	20221	D	44.41	083.09	20	EEFE	NO				CCCL LLLL 38.73 S	176.67 E	290084	4
2145021021	01/27/79	76	88	20221	D	43.93	082.00	90	EEFE	NO				CCCL LLLL 40.15 S	176.18 E	290084	5
2145101592	01/27/79	130	58	20224	D	42.19	123.09	50	EEEE	NO				CCCL LLLL 02.88 N	110.17 E	290084	6
2145101595	01/27/79	130	59	20224	D	42.76	121.86	50	EEFE	NO				CCCL LLLL 01.44 N	109.83 E	290084	7
2145105135	01/27/79	166	29	20226	S	17.13	147.71	10	EEEE	NO				CCCL LLLL 44.41 N	070.16 E	290084	8
2145105142	01/27/79	166	30	20226	S	18.16	147.07	10	EEEE	NO				CCCL LLLL 43.00 N	069.61 E	290084	9
2145105144	01/27/79	166	31	20226	S	19.18	146.43	40	EEEE	NO				CCCL LLLL 41.58 N	069.08 E	290084	10
2145105151	01/27/79	166	32	20226	D	20.19	145.80	50	EEFF	NO				CCCL LLLL 40.16 N	068.58 E	290084	11
2145105192	01/27/79	166	42	20226	D	29.81	138.84	90	EEEE	NO				CCCL HLLL 25.90 N	064.20 E	290084	12
2145106564	01/27/79	184	28	20227	S	16.12	148.33	100	EEEE	NO				CCCL LLLL 45.81 N	044.93 E	290084	13
2145106571	01/27/79	184	29	20227	S	17.15	147.69	90	FFFF	NO				CCCL LLLL 44.41 N	044.36 E	290084	14
2145106573	01/27/79	184	30	20227	S	18.17	147.06	50	EEEE	NO				CCCL LLLL 42.99 N	043.81 E	290084	15
2145106580	01/27/79	184	31	20227	S	19.19	146.42	70	EEFE	NO				CCCL LLLL 41.58 N	043.27 E	290084	16

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OBSERVATION ID	ENTRY DATE	PATH ID	ROW #	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MISC FLM FRAME
2145107071	01/27/79	184	53	20227	D	38.89	128.77	10	EEEE	NO		CCCL	LLLL	10.08 N	034.41 E	290084	17
2145107073	01/27/79	184	54	20227	D	39.60	127.69	30	EEEE	NO		CCCL	LLLL	08.64 N	034.07 E	290084	18
2145107080	01/27/79	184	55	20227	D	40.28	126.58	60	EEEE	NO		CCCL	LLLL	07.20 N	033.73 E	290084	19
2145114074	01/27/79	5	71	20231	D	47.09	104.97	60	FFEE	NO		CCCL	HHLL	15.84 S	074.97 W	290084	20
2145114081	01/27/79	5	72	20231	D	47.21	103.47	60	FFEE	NO		CCCL	HHLL	17.27 S	075.33 W	290084	21
2145115330	01/27/79	23	28	20232	S	16.15	148.28	30	EEEE	NO		CCCL	LLLL	45.83 N	084.17 W	290084	58
2145115333	01/27/79	23	29	20232	S	17.17	147.65	10	EEEE	NO		CCCL	LLLL	44.42 N	084.75 W	290084	59
2145115335	01/27/79	23	30	20232	S	18.19	147.01	50	EEEE	NO		CCCL	LLLL	43.01 N	085.28 W	290084	60
2145115342	01/27/79	23	31	20232	S	19.21	146.38	90	EEEE	NO		CCCL	LLLL	41.59 N	085.81 W	290084	61
2145115344	01/27/79	23	32	20232	D	20.21	145.75	100	EEEE	NO		CCCL	LLLL	40.17 N	086.32 W	290084	62
2145117133	01/27/79	41	26	20233	S	14.10	149.55	90	EEFE	NO		CCCL	LLLL	48.65 N	108.78 W	290084	22
2145207105	01/27/79	185	48	20241	D	35.08	133.53	0	EEEE	NO		CCCL	LLLL	17.28 N	034.72 E	290084	23
2145207111	01/27/79	185	49	20241	D	35.88	132.60	0	EEEE	NO		CCCL	LLLL	15.84 N	034.36 E	290084	24
2145207114	01/27/79	185	50	20241	D	36.67	131.63	10	EEEE	NO		CCCL	LLLL	14.40 N	034.01 E	290084	25
2145207120	01/27/79	185	51	20241	D	37.44	130.63	20	EFEE	NO		CCCL	LLLL	12.96 N	033.66 E	290084	26
2145207123	01/27/79	185	52	20241	D	38.18	129.61	10	EEEE	NO		CCCL	LLLL	11.52 N	033.32 E	290084	27
2145207125	01/27/79	185	53	20241	D	38.91	128.55	10	EEFE	NO		CCCL	LLLL	10.08 N	032.97 E	290084	28
2145207132	01/27/79	185	54	20241	D	39.61	127.46	NA	MMMM	NO		CCCL	LLLL	08.64 N	032.63 E	0	0
2145207134	01/27/79	185	55	20241	D	40.30	126.35	90	EEEE	NO		CCCL	LLLL	07.20 N	032.29 E	290084	29
2145207141	01/27/79	185	56	20241	D	40.95	125.20	90	EEEE	NO		CCCL	LLLL	05.76 N	031.96 E	290084	30
2145207143	01/27/79	185	57	20241	D	41.58	124.02	30	EEEE	NO		CCCL	LLLL	04.32 N	031.62 E	290084	31
2145207161	01/27/79	185	61	20241	D	43.80	119.02	70	EEEE	NO		CCCL	LLLL	01.44 S	030.27 E	290084	32
2145207164	01/27/79	185	62	20241	D	44.28	117.70	30	FFFF	NO		CCCL	LLLL	02.88 S	029.93 E	290084	33
2145207170	01/27/79	185	63	20241	D	44.73	116.35	30	EEEE	NO		CCCL	LLLL	04.32 S	029.59 E	290084	34
2145207211	01/27/79	185	73	20241	D	47.22	101.83	90	EEFE	NO		CCCL	LLLL	18.71 S	026.12 E	290084	35
2145207214	01/27/79	185	74	20241	D	47.26	100.33	90	EEEE	NO		CCCL	LLLL	20.15 S	025.76 E	290084	36
2145207220	01/27/79	185	75	20241	D	47.25	098.84	90	EEEE	NO		CCCL	LLLL	21.59 S	025.39 E	290084	37
2145207223	01/27/79	185	76	20241	D	47.21	097.37	20	EEEE	NO		CCCL	LLLL	23.02 S	025.01 E	290084	38
2145207225	01/27/79	185	77	20241	D	47.12	095.92	NA	MMMM	NO		CCCL	LLLL	24.46 S	024.64 E	0	0
2145215382	01/27/79	24	27	20246	S	15.23	148.79	90	EEEE	NO		CCCL	LLLL	47.26 N	085.04 W	290084	63
2145215385	01/27/79	24	28	20246	S	16.27	148.14	100	EEEE	NO		CCCL	LLLL	45.84 N	085.62 W	290084	64
2145215391	01/27/79	24	29	20246	S	17.30	147.50	100	EEEE	NO		CCCL	LLLL	44.43 N	086.19 W	290084	65
2145215394	01/27/79	24	30	20246	S	18.32	146.85	100	EEFE	NO		CCCL	LLLL	43.01 N	086.73 W	290084	66
2145215400	01/27/79	24	31	20246	S	19.33	146.21	100	EEEE	NO		CCCL	LLLL	41.60 N	087.26 W	290084	67
2145215403	01/27/79	24	32	20246	D	20.33	145.57	100	EEEE	NO		CCCL	LLLL	40.18 N	087.76 W	290084	68
2145215405	01/27/79	24	33	20246	D	21.32	144.93	100	EEFE	NO		CCCL	LLLL	38.75 N	088.25 W	290084	69
2145215412	01/27/79	24	34	20246	D	22.31	144.28	100	EEEE	NO		CCCL	LLLL	37.33 N	088.73 W	290084	70
2145215414	01/27/79	24	35	20246	D	23.30	143.61	100	EEEE	NO		CCCL	LLLL	35.91 N	089.19 W	290084	71
2145215421	01/27/79	24	36	20246	D	24.27	142.94	100	EEEE	NO		CCCL	LLLL	34.48 N	089.64 W	290084	72
2145215423	01/27/79	24	37	20246	D	25.24	142.25	100	EEEE	NO		CCCL	LLLL	33.05 N	090.07 W	290084	73

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2145215430	01/27/79	24	38	20246	D	26.20	141.54	90	EEEE	NO			31.62 N	090.50 W	290084	74
2145215432	01/27/79	24	39	20246	D	27.14	140.83	90	EEEE	NO			30.19 N	090.91 W	290084	75
2145215435	01/27/79	24	40	20246	D	28.08	140.09	50	EEEE	NO			28.76 N	091.31 W	290084	76
2145315453	01/27/79	25	30	20260	S	18.44	146.70	30	EEEE	NO			43.01 N	088.15 W	290084	77
2145315455	01/27/79	25	31	20260	S	19.44	146.07	10	EEEE	NO			41.59 N	088.69 W	290084	78
2145315462	01/27/79	25	32	20260	D	20.43	145.43	0	EEEE	NO			40.18 N	089.20 W	290084	79
2145315464	01/27/79	25	33	20260	D	21.43	144.77	0	EEEE	NO			38.76 N	089.69 W	290084	80
2145315471	01/27/79	25	34	20260	D	22.42	144.11	0	EEEE	NO			37.33 N	090.16 W	290084	81

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OBSERVATION ID	ENTRY DATE	PATH	ROW	CRBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2142408235	01/12/79	197	60	19907	D	44.68	124.00	80	EEFF	NO			CCCL LLLL	00.00 N 013.38 E	290083	469
2144706470	01/27/79	180	60	20171	D	43.40	121.48	90	EEEE	NO			CCCL LLLL	00.00 N 037.78 E	290083	843
2138402254	01/07/79	135	50	19290	D	49.80	116.91	40	FEFF	NO			CCCL LLLL	01.43 N 102.68 E	290083	21
2140214292	01/14/79	10	57	19548	D	47.37	123.07	90	EEEE	NO			CCCL LLLL	01.43 N 078.02 W	290083	639
2143106573	01/07/79	182	59	19944	D	43.78	125.10	10	FEFF	NO			CCCL LLLL	01.44 N 035.25 E	290083	386
2144706463	01/27/79	180	59	20171	D	42.83	127.75	90	EEEE	NO			CCCL LLLL	01.44 N 038.11 E	290083	842
2143802280	01/13/79	135	59	20043	D	43.24	124.39	50	EEEE	NO			CCCL LLLL	01.44 N 102.63 E	290083	563
2145101595	01/27/79	130	59	20224	D	42.76	121.86	50	EEFE	NO			CCCL LLLL	01.44 N 109.83 E	290084	7
2139401401	01/12/79	127	59	19429	D	48.35	120.72	NA	MMMM	NO			CCCL LLLL	01.44 N 114.11 E	0	0
2144813452	01/27/79	2	59	20189	D	42.79	122.48	50	EEFF	NO			CCCL LLLL	01.44 N 066.58 W	290083	857
2142014301	01/08/79	10	59	19799	D	44.91	125.37	70	EEFE	NO			CCCL LLLL	01.44 N 078.05 W	290083	57
2143814310	01/13/79	10	59	20050	D	43.22	124.30	70	EEEE	NO			CCCL LLLL	01.44 N 078.05 W	290083	576
2139206380	01/21/79	179	58	19404	D	48.26	121.63	90	EEFE	NO			CCCL LLLL	02.87 N 039.91 E	290083	661
2139106322	01/21/79	178	58	19390	D	48.40	121.29	90	FFEE	NO			CCCL LLLL	02.87 N 041.33 E	290083	647
2138402251	01/07/79	135	58	19290	D	49.33	118.54	50	EEFE	NO			CCCL LLLL	02.87 N 103.02 E	290083	20
2143106570	01/07/79	182	58	19944	D	43.13	126.35	0	FEFE	NO			CCCL LLLL	02.88 N 035.58 E	290083	385
2144706461	01/27/79	180	58	20171	D	42.23	123.08	50	EEFE	NO			CCCL LLLL	02.88 N 038.45 E	290083	841
2142506222	01/18/79	176	58	19864	D	43.72	126.65	10	EEFE	NO			CCCL LLLL	02.88 N 044.18 E	290083	713
2143802274	01/13/79	135	58	20043	D	42.61	125.61	40	EEEE	NO			CCCL LLLL	02.88 N 102.97 E	290083	562
2145101592	01/27/79	130	58	20224	D	42.19	123.09	50	EEEE	NO			CCCL LLLL	02.88 N 110.17 E	290084	6
2139401395	01/12/79	127	58	19429	D	47.99	122.26	50	EEFE	NO			CCCL LLLL	02.88 N 114.46 E	290083	444
2144813450	01/27/79	2	58	20189	D	42.20	123.71	30	FEFF	NO			CCCL LLLL	02.88 N 066.25 W	290083	856
2140214290	01/14/79	10	58	19548	D	46.76	124.51	90	EEEE	NO			CCCL LLLL	02.88 N 077.69 W	290083	638
2142014295	01/08/79	10	58	19799	D	44.25	126.66	80	FFFE	NO			CCCL LLLL	02.88 N 077.72 W	290083	56
2143814303	01/13/79	10	58	20050	D	42.58	125.53	80	FEFF	NO			CCCL LLLL	02.88 N 077.72 W	290083	575
2141006383	01/06/79	179	57	19655	D	44.97	127.17	20	EEFF	NO			CCCL LLLL	04.31 N 040.25 E	290083	258
2139206374	01/21/79	179	57	19404	D	47.69	123.14	40	FEFE	NO			CCCL LLLL	04.31 N 040.25 E	290083	660
2145207143	01/27/79	185	57	20241	D	41.58	124.02	30	EEEE	NO			CCCL LLLL	04.32 N 031.62 E	290084	31
2143106564	01/07/79	182	57	19944	D	42.45	127.56	0	FEFF	NO			CCCL LLLL	04.32 N 035.92 E	290083	384
2144706454	01/27/79	180	57	20171	D	41.60	125.17	20	EEFE	NO			CCCL LLLL	04.32 N 038.79 E	290083	840
2139106315	01/21/79	178	57	19390	D	47.83	122.81	60	FFFE	NO			CCCL LLLL	04.32 N 041.67 E	290083	646
2142506220	01/18/79	176	57	19864	D	43.04	127.89	10	EEFE	NO			CCCL LLLL	04.32 N 044.51 E	290083	712
2140402372	01/21/79	137	57	19569	D	45.88	126.21	20	EEFE	NO			CCCL LLLL	04.32 N 100.46 E	290083	684
2143802271	01/13/79	135	57	20043	D	41.94	124.81	40	FEFE	NO			CCCL LLLL	04.32 N 103.30 E	290083	561
2140214283	01/14/79	10	57	19548	D	46.12	125.90	100	EEFE	NO			CCCL LLLL	04.32 N 077.35 W	290083	637
2142014292	01/08/79	10	57	19799	D	43.57	127.92	90	FFPF	NO			CCCL LLLL	04.32 N 077.38 W	290083	55

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2143514301	01/13/79	10	57	20050	D	41.92	126.73	90	EEEE	NO			CCCL LLLL	04.32 N	077.38 W	290083	574
2144813443	01/27/79	2	57	20189	D	41.58	124.91	50	FEFF	NO			CCCL LLLL	04.33 N	065.92 W	290083	855
2145207141	01/27/79	125	56	20241	D	40.95	125.20	90	EEEE	NO			CCCL LLLL	05.76 N	031.96 E	290084	30
2143106561	01/07/79	182	56	19948	D	41.74	128.73	10	EEPE	NO			CCCL LLLL	05.76 N	036.26 E	290083	383
2144706452	01/27/79	180	56	20171	D	40.95	126.34	30	EEEE	NO			CCCL LLLL	05.76 N	039.13 E	290083	839
2142506213	01/18/79	176	56	19864	D	42.32	129.07	10	EE2E	NO			CCCL LLLL	05.76 N	044.85 E	290083	711
2140402365	01/21/79	137	56	19569	D	45.20	127.55	10	EEFE	NO			CCCL LLLL	05.76 N	100.79 E	290083	683
2143402265	01/13/79	135	56	20043	D	41.25	127.97	30	EEEE	NO			CCCL LLLL	05.76 N	103.64 E	290083	560
2140412563	01/18/79	245	56	19575	D	45.13	127.63	100	EEFE	NO			CCCL HLLL	05.76 N	054.08 W	290083	614
2143314005	01/07/79	5	56	19950	D	41.56	128.51	10	EEEE	NO			CCCL LLLL	05.76 N	069.87 W	290083	355
2140214281	01/14/79	10	56	19548	D	45.44	127.25	100	EEFE	NO			CCCL LLLL	05.76 N	077.02 W	290083	636
2143814294	01/13/79	10	56	20050	D	41.23	127.90	NA	MMMM	NO			CCCL LLLL	05.76 N	077.04 W		0
2143207020	01/13/79	183	56	19962	D	41.65	128.65	10	EEEE	NO			CCCL LLLL	05.77 N	034.80 E	290083	586
2144813441	01/27/79	2	56	20189	D	40.93	126.08	NA	2222	NO			CCCL LLLL	05.77 N	065.58 W		0
2142314290	01/08/79	10	56	19799	D	42.85	129.13	90	FFPF	NO			CCCL LLLL	05.77 N	077.05 W	290083	54
2138609284	01/07/79	209	55	19322	D	47.37	124.06	80	EEFE	NO			CCCL LLLL	07.19 N	002.06 W	290083	28
2138709343	01/07/79	210	55	19336	D	47.21	124.43	90	EEFE	NO			CCCL LLLL	07.19 N	003.51 W	290083	40
2139109573	01/21/79	214	55	19392	D	46.57	125.77	80	FFFE	NO			CCCL LLLL	07.19 N	009.25 W	290083	652
2139909003	01/06/79	204	55	19503	D	45.26	127.91	40	EEFE	NO			CCCL LLLL	07.20 N	005.04 E	290083	252
2145207134	01/27/79	185	55	20241	D	40.30	126.35	90	EEEE	NO			CCCL LLLL	07.20 N	032.29 E	290084	29
2143307072	01/07/79	184	55	19976	D	40.85	129.68	80	EEEE	NO			CCCL LLLL	07.20 N	033.72 E	290083	351
2145107080	01/27/79	184	55	20227	D	40.28	126.58	60	EEEE	NO			CCCL LLLL	07.20 N	033.73 E	290084	19
2143106555	01/07/79	182	55	19948	D	41.02	129.86	70	EEFF	NO			CCCL LLLL	07.20 N	036.60 E	290083	382
2144706445	01/27/79	180	55	20171	D	40.27	127.48	50	EEFE	NO			CCCL LLLL	07.20 N	039.47 E	290083	838
2141106433	01/06/79	180	55	19669	D	43.39	129.82	10	EEFE	NO			CCCL LLLL	07.20 N	039.48 E	290083	263
2142506211	01/18/79	176	55	19864	D	41.59	130.23	0	EE2F	NO			CCCL LLLL	07.20 N	045.19 E	290083	710
2138702412	01/07/79	138	55	19332	D	47.25	124.34	20	EEFE	NO			CCCL LLLL	07.20 N	099.71 E	290083	30
2140409293	01/28/79	209	55	19573	D	44.45	128.89	40	EEPF	NO			CCCL LLLL	07.20 N	002.10 W	290083	613
2143314002	01/07/79	5	55	19980	D	40.83	129.65	0	EEFE	NO			CCCL LLLL	07.20 N	069.53 W	290083	354
2143414061	01/13/79	6	55	19994	D	40.75	129.55	10	EEEE	NO			CCCL LLLL	07.20 N	070.96 W	290083	440
2143514120	01/18/79	7	55	20008	D	40.69	129.43	20	EEFE	NO			CCCL LLLL	07.20 N	072.39 W	290083	788
2143207013	01/13/79	183	55	19962	D	40.92	129.79	50	EEEE	NO			CCCL LLLL	07.21 N	035.14 E	290083	585
2142302430	01/06/79	138	55	19834	D	41.81	130.30	NA	MMMM	NO			CCCL LLLL	07.21 N	099.68 E		0
2144102434	01/27/79	138	55	20085	D	40.40	128.64	40	EEFF	NO			CCCL LLLL	07.21 N	099.68 E	290083	792
2142109243	01/06/79	208	55	19810	D	42.01	130.32	NA	6666	NO			CCCL LLLL	07.21 N	000.69 W		0
2144813434	01/27/79	2	55	20189	D	40.25	127.22	NA	2222	NO			CCCL LLLL	07.21 N	065.25 W		0
2138609281	01/07/79	209	54	19322	D	46.74	125.51	10	FEFE	NO			CCCL LLLL	08.63 N	001.72 W	290083	27
2138709340	01/07/79	210	54	19336	D	46.57	125.87	40	FF2E	NO			CCCL LLLL	08.63 N	003.16 W	290083	39
2139109571	01/21/79	214	54	19392	D	45.90	127.15	50	FF2E	NO			CCCL LLLL	08.63 N	008.91 W	290083	651
2139208194	01/21/79	197	54	19405	D	45.74	127.43	0	EEPE	NO			CCCL LLLL	08.64 N	015.43 E	290083	663

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM	CCP QLTY	MODE	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2139108135	01/21/79	196	54	19391	D	45.91	127.14	0	FFFE	NO		CCCL	LLLL	08.64 N	016.87 E	290083	649
2144408102	01/27/79	195	54	20130	D	39.59	129.16	10	FFEE	NO		CCCL	LLLL	08.64 N	018.28 E	290083	829
2145207137	01/27/79	185	54	20241	D	39.61	127.46	NA	MMMM	NO		CCCL	LLLL	08.64 N	032.63 E	0	C
2143307065	01/07/79	184	54	19976	D	40.11	130.77	40	FFEE	NO		CCCL	LLLL	08.64 N	034.06 E	290083	350
2145107073	01/27/79	184	54	20227	D	39.60	127.69	30	EEEE	NO		CCCL	LLLL	08.64 N	034.07 E	290084	18
2143106552	01/07/79	182	54	19948	D	40.26	130.96	30	EEFE	NO		CCCL	LLLL	08.64 N	036.95 E	290083	317
2142906435	01/13/79	180	54	19920	D	40.42	131.14	10	EEFE	NO		CCCL	LLLL	08.64 N	039.79 E	290083	533
2144706443	01/27/79	180	54	20171	D	39.56	128.58	50	EEFF	NO		CCCL	LLLL	08.64 N	039.81 E	290083	837
2141106430	01/06/79	170	54	19669	D	42.63	131.02	10	EEFE	NO		CCCL	LLLL	08.64 N	039.82 E	290083	262
2142506204	01/18/79	176	54	19864	D	40.82	131.35	0	EE2F	NO		CCCL	LLLL	08.64 N	045.54 E	290083	709
2142306091	01/06/79	174	54	19836	D	41.04	131.41	20	EEFE	NO		CCCL	LLLL	08.64 N	048.41 E	290083	296
2142302423	01/06/79	138	54	19834	D	41.05	131.43	70	EEFF	NO		CCCL	LLLL	08.64 N	100.03 E	290083	290
2140502415	01/12/79	138	54	19583	D	43.60	130.25	20	EEFE	NO		CCCL	LLLL	08.64 N	100.04 E	290083	504
2138702410	01/07/79	138	54	19332	D	46.61	125.78	40	EEEF	NO		CCCL	LLLL	08.64 N	100.05 E	290083	29
2140409291	01/28/79	209	54	19573	D	43.72	130.14	10	EE2F	NO		CCCL	LLLL	08.64 N	001.76 W	290083	612
2130613484	01/27/79	4	54	18209	D	49.16	080.90	70	EEFF	NO		CCCL	LLLL	08.64 N	067.73 W	290084	41
2143714231	01/07/79	9	54	20036	D	39.83	130.26	40	EEFE	NO		CCCL	LLLL	08.64 N	074.92 W	290083	416
2144114461	01/27/79	13	54	20092	D	39.66	129.64	30	EEFE	NO		CCCL	LLLL	08.64 N	080.65 W	290083	806
2142808212	01/12/79	197	54	19907	D	40.50	131.21	0	EEFE	NO		CCCL	LLLL	08.65 N	015.40 E	290083	46F
2143207011	01/12/79	183	54	19962	D	40.17	130.89	50	EEEE	NO		CCCL	LLLL	08.65 N	035.48 E	290083	584
2144106095	01/27/79	174	54	20087	D	39.68	129.69	10	EEEF	NO		CCCL	LLLL	08.65 N	048.39 E	290083	795
2144102432	01/27/79	138	54	20085	D	39.67	129.73	40	EEEF	NO		CCCL	LLLL	08.65 N	100.02 E	290083	791
2143414055	01/13/79	6	54	19994	D	40.00	130.64	20	EEEE	NO		CCCL	LLLL	08.65 N	070.62 W	290083	439
2138609275	01/07/79	209	53	19322	D	46.08	126.91	10	FFPE	NO		CCCL	LLLL	10.07 N	001.37 W	290083	26
2138709334	01/07/79	210	53	19336	D	45.90	127.25	10	FF2E	NO		CCCL	LLLL	10.07 N	002.82 W	290083	38
2139208192	01/21/79	197	53	19405	D	45.04	128.77	0	EEPE	NO		CCCL	LLLL	10.08 N	015.77 E	290083	662
2139108133	01/21/79	196	53	19391	D	45.21	128.50	0	FFFE	NO		CCCL	LLLL	10.08 N	017.21 E	290083	648
2144408100	01/27/79	195	53	20130	D	38.85	130.23	0	EEEF	NO		CCCL	LLLL	10.08 N	018.62 E	290083	828
2145207125	01/27/79	195	53	20241	D	38.91	128.55	10	EEFE	NO		CCCL	LLLL	10.08 N	032.97 E	290084	28
2143307063	01/07/79	184	53	19976	D	39.33	131.83	10	FFEE	NO		CCCL	LLLL	10.08 N	034.40 E	290083	349
2145107071	01/27/79	184	53	20227	D	38.89	128.77	10	EEEE	NO		CCCL	LLLL	10.08 N	034.41 E	290084	17
2143106550	01/07/79	182	53	19948	D	39.48	132.03	20	EEFE	NO		CCCL	LLLL	10.08 N	037.29 E	290083	316
2141206482	01/06/79	181	53	19683	D	41.70	132.25	10	EEFE	NO		CCCL	LLLL	10.08 N	038.72 E	290083	279
2141106424	01/06/79	180	53	19669	D	41.85	132.18	10	EEFE	NO		CCCL	LLLL	10.08 N	040.16 E	290083	261
2144706440	01/27/79	180	53	20171	D	38.84	129.65	20	EEFE	NO		CCCL	LLLL	10.08 N	040.16 E	290083	836
2142506202	01/18/79	176	53	19864	D	40.03	132.44	10	FEFE	NO		CCCL	LLLL	10.08 N	045.88 E	290083	708
2142306084	01/06/79	174	53	19836	D	40.26	132.50	20	EEFE	NO		CCCL	LLLL	10.08 N	048.75 E	290083	295
2140506075	01/12/79	174	53	19585	D	42.82	131.48	0	FEFE	NO		CCCL	LLLL	10.08 N	048.77 E	290083	508
2138706070	01/07/79	174	53	19334	D	45.92	127.22	0	FEFE	NO		CCCL	LLLL	10.08 N	048.78 E	290083	35
2138606017	01/07/79	173	53	19320	D	46.08	126.90	0	FEFE	NO		CCCL	LLLL	10.08 N	050.19 E	290083	23

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2140406021	01/28/79	173	53	19571	D	42.98	131.33	20	EEFF	NO				CCCL LLLL 10.08 N 050.20 E	290083	608	
2140502412	01/12/79	136	53	19583	D	42.84	131.46	10	EEFE	NO				CCCL LLLL 10.08 N 100.39 E	290083	503	
2140409284	01/28/79	209	53	19573	D	42.96	131.36	10	EEFE	NO				CCCL LLLL 10.08 N 001.41 W	290083	611	
2139109565	01/21/79	214	53	19392	D	45.20	128.50	60	FF2E	NO				CCCL LLLL 10.08 N 008.56 W	290083	650	
2130613482	01/27/79	4	53	18209	D	49.61	082.57	60	E666	NO				CCCL LLLL 10.08 N 067.39 W	290084	40	
2143714224	01/07/79	9	53	20036	D	39.06	131.32	10	EEFE	NO				CCCL LLLL 10.08 N 074.57 W	290085	415	
2142808205	01/12/79	197	53	19907	D	39.72	132.29	0	FF2E	NO				CCCL LLLL 10.09 N 015.75 E	290083	467	
2143207004	01/12/79	183	53	19962	D	39.39	131.95	10	FEFE	NO				CCCL LLLL 10.09 N 035.82 E	290083	583	
2142906432	01/13/79	180	53	19920	D	39.63	132.22	10	EEEF	NO				CCCL LLLL 10.09 N 040.13 E	290083	532	
2144106092	01/27/79	174	53	20087	D	38.93	130.75	10	FEFF	NO				CCCL LLLL 10.09 N 048.73 E	290083	794	
2144813425	01/27/79	2	53	20189	D	38.83	129.40	NA	2222	NO				CCCL HLLL 10.09 N 064.55 W	0	0	
2143113480	01/07/79	3	53	19952	D	39.44	132.03	70	EEFF	NO				CCCL HLLL 10.09 N 066.00 W	290083	391	
2143414052	01/13/79	6	53	19994	D	39.23	131.71	10	EEEE	NO				CCCL LLLL 10.09 N 070.28 W	290083	438	
2138609272	01/07/79	209	52	19322	D	45.38	128.27	0	FF2E	NO				CCCL LLLL 11.51 N 001.02 W	290083	25	
2138709331	01/07/79	210	52	19336	D	45.20	128.60	10	FF2E	NO				CCCL LLLL 11.51 N 002.48 W	290083	37	
2139908533	01/27/79	203	52	19489	D	43.22	131.50	10	EEFE	NO				CCCL LLLL 11.52 N 007.51 E	290083	93	
2145207123	01/27/79	185	52	20241	D	38.18	129.61	10	EEEE	NO				CCCL LLLL 11.52 N 033.32 E	290084	27	
2143106543	01/07/79	182	52	19948	D	38.68	133.07	10	EEFE	NO				CCCL LLLL 11.52 N 037.64 E	290083	315	
2141206480	01/06/79	181	52	19683	D	40.89	133.37	10	EEFE	NO				CCCL LLLL 11.52 N 039.05 E	290083	278	
2139406471	01/12/79	181	52	19432	D	43.96	130.55	10	FEFE	NO				CCCL LLLL 11.52 N 039.08 E	290083	451	
2141106421	01/06/79	180	52	19669	D	41.05	133.29	10	EEFE	NO				CCCL LLLL 11.52 W 040.50 E	290083	260	
2144706434	01/27/79	180	52	20171	D	38.09	130.69	10	FEFE	NO				CCCL LLLL 11.52 W 040.51 E	290083	835	
2141006362	01/06/79	179	52	19655	D	41.20	133.21	10	EEFE	NO				CCCL LLLL 11.52 N 041.94 E	290083	257	
2142506195	01/18/79	176	52	19864	D	39.22	133.50	10	EEEF	NO				CCCL LLLL 11.52 N 046.22 E	290083	707	
2144106090	01/27/79	174	52	20087	D	38.15	131.79	10	EEEF	NO				CCCL LLLL 11.52 N 049.08 E	290083	793	
2142306082	01/06/79	174	52	19836	D	39.44	133.56	30	EEEE	NO				CCCL LLLL 11.52 N 049.10 E	290083	294	
2138706064	01/07/79	174	52	19334	D	45.21	128.58	0	EEFE	NO				CCCL LLLL 11.52 N 049.11 E	290083	34	
2138606005	01/07/79	173	52	19320	D	45.39	128.26	10	EEFE	NO				CCCL LLLL 11.52 N 050.54 E	290083	22	
2140406014	01/28/79	173	52	19571	D	42.20	132.50	30	EEEF	NO				CCCL LLLL 11.52 N 050.54 E	290083	607	
2140409282	01/28/79	209	52	19573	D	42.17	132.53	10	EEPE	NO				CCCL LLLL 11.52 N 001.07 W	290083	610	
2143207002	01/12/79	183	52	19962	D	38.60	132.96	0	EEEE	NO				CCCL LLLL 11.53 N 036.16 E	290083	582	
2142906430	01/13/79	180	52	19920	D	38.83	133.26	20	EEEE	NO				CCCL LLLL 11.53 N 040.47 E	290083	531	
2144813423	01/27/79	2	52	20189	D	38.09	130.44	20	EEFE	NO				CCCL HLLL 11.53 N 064.21 W	290083	854	
2143414050	01/13/79	6	52	19994	D	38.44	132.75	20	EEEE	NO				CCCL LLLL 11.53 N 069.94 W	290083	437	
2142815133	01/12/79	18	52	19911	D	38.88	133.31	10	FFFF	NO				CCCL LLLL 11.53 N 087.15 W	290083	480	
2139101193	01/21/79	124	51	19387	D	43.79	130.97	50	FEFE	NO				CCCL LLLL 12.95 N 121.18 E	290083	643	
2138609270	01/07/79	209	51	19322	D	44.66	129.60	0	EEFE	NO				CCCL LLLL 12.95 N 000.68 W	290083	24	
2138709325	01/07/79	210	51	19336	D	44.47	129.91	10	FE2E	NO				CCCL LLLL 12.95 N 002.13 W	290083	36	
2139808531	01/27/79	203	51	19489	D	42.43	132.67	10	EEFE	NO				CCCL LLLL 12.96 N 007.85 E	290083	92	
2141707163	01/12/79	186	51	19753	D	39.34	134.64	0	EEF2	NO				CCCL LLLL 12.96 N 032.22 E	290083	459	

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2139907154	01/06/79	186	51	19502	D	42.26	132.84	0	EEFE	NO			12.96 N	032.25 E	290083	251
2143407113	01/18/79	185	51	19990	D	37.65	133.77	0	FEPE	NO			12.96 N	033.66 E	290083	773
2145207120	01/27/79	185	51	20241	D	37.44	130.63	20	EFPE	NO			12.96 N	033.66 E	290084	26
2139867095	01/27/79	185	51	19488	D	42.44	132.66	10	EEFE	NO			12.96 N	033.68 E	290083	91
2143106541	01/07/79	182	51	19948	D	37.86	134.07	10	EEFE	NO			12.96 N	038.00 E	290083	314
2141206473	01/06/79	181	51	19683	D	40.05	134.46	0	EEFE	NO			12.96 N	039.40 E	290083	277
2139406464	01/12/79	181	51	19432	D	43.19	131.78	10	EEFE	NO			12.96 N	039.42 E	290083	450
2142906423	01/13/79	180	51	19920	D	38.01	134.26	10	EEEE	NO			12.96 N	040.82 E	290083	530
2144706431	01/27/79	180	51	20171	D	37.32	131.69	30	FFFE	NO			12.96 N	040.86 E	290083	834
2142102295	01/06/79	136	51	19806	D	38.85	134.64	10	EEFE	NO			12.96 N	103.95 E	290083	283
2140409275	01/28/79	209	51	19573	D	41.36	133.67	0	EEPE	NO			12.96 N	000.72 W	290083	609
2141115181	01/06/79	19	51	19674	D	40.16	134.41	10	EEFE	NO			12.96 N	088.22 W	290083	267
2142915185	01/13/79	19	51	19925	D	37.98	134.23	10	EEEE	NO			12.96 N	088.23 W	290083	543
2143507171	01/18/79	186	51	20004	D	37.58	133.66	0	EEFE	NO			12.97 N	032.19 E	290083	782
2143206595	01/12/79	183	51	19962	D	37.78	133.98	0	EEFE	NO			12.97 N	036.51 E	290083	581
2142815131	01/12/79	18	51	19911	D	38.06	134.32	10	EEFE	NO			12.97 N	086.80 W	290083	479
2141707160	01/12/79	186	50	19753	D	38.49	135.66	0	EEPP	NO			14.40 N	032.57 E	290083	458
2139907151	01/06/79	186	50	19502	D	41.45	134.00	0	EEFE	NO			14.40 N	032.60 E	290083	250
2143407110	01/18/79	185	50	19990	D	36.81	134.75	0	FEPE	NO			14.40 N	034.01 E	290083	772
2145207114	01/27/79	185	50	20241	D	36.67	131.63	10	EEEE	NO			14.40 N	034.01 E	290084	25
2139807093	01/27/79	185	50	19488	D	41.63	133.81	0	EEPE	NO			14.40 N	034.03 E	290083	90
2143206593	01/12/79	183	50	19962	D	36.94	134.96	0	FFEE	NO			14.40 N	036.87 E	290083	580
2143106534	01/07/79	182	50	19948	D	37.02	135.04	10	EFPE	NO			14.40 N	038.33 E	290083	313
2142906421	01/13/79	180	50	19920	D	37.16	135.25	10	FEPE	NO			14.40 N	041.17 E	290083	529
2144706425	01/27/79	180	50	20171	D	36.53	132.67	10	FEPE	NO			14.40 N	041.20 E	290083	833
2142815124	01/12/79	18	50	19911	D	37.21	135.29	40	EEFE	NO			14.40 N	086.45 W	290083	478
2141115174	01/06/79	19	50	19674	D	39.31	135.45	20	EEEE	NO			14.40 N	087.88 W	290083	266
2142915183	01/13/79	19	50	19925	D	37.13	135.20	20	EEEE	NO			14.40 N	087.88 W	290083	542
2143115300	01/07/79	21	50	19953	D	36.98	135.02	40	EEFE	NO			14.40 N	090.75 W	290083	396
2142109223	01/06/79	208	50	19810	D	37.96	135.65	0	EEFE	NO			14.41 N	001.00 E	290083	289
2143507165	01/18/79	186	50	20004	D	36.75	134.62	10	EFPE	NO			14.41 N	032.55 E	290083	781
2139907145	01/06/79	186	49	19502	D	40.61	135.09	0	EEFE	NO			15.83 N	032.95 E	290083	249
2142109220	01/06/79	208	49	19810	D	37.09	136.61	0	EEEE	NO			15.84 N	001.36 E	290083	288
2141707154	01/12/79	186	49	19753	D	37.61	136.64	0	EEFP	NO			15.84 N	032.91 E	290083	457
2145207111	01/27/79	185	49	20241	D	35.88	132.60	0	EEEE	NO			15.84 N	034.36 E	290084	24
2143206590	01/12/79	183	49	19962	D	36.08	135.90	10	EEEE	NO			15.84 N	037.22 E	290083	579
2143106532	01/07/79	182	49	19948	D	36.16	135.98	10	EEFE	NO			15.84 N	038.68 E	290083	312
2140402340	01/21/79	137	49	19569	D	39.72	135.79	10	EEFE	NO			15.84 N	103.20 E	290083	682
2142209275	01/07/79	209	49	19824	D	36.97	136.38	NA	MMMM	NO			15.84 N	000.04 W		0
2143110195	01/07/79	218	49	19950	D	36.13	136.00	60	EEFE	NO			15.84 N	012.93 W	290083	390

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2142815122	01/12/79	18	49	19911	D	36.35	136.23	10	FEFF	NO	CCCL	LLLL	15.84 N	086.10 W	290083	477
2141115172	01/06/79	19	49	19674	D	38.45	136.45	10	EEFE	NO	CCCL	LLLL	15.84 N	087.52 W	290083	265
2142915180	01/13/79	19	49	19925	D	36.27	136.15	10	EEFE	NO	CCCL	LLLL	15.84 N	087.53 W	290083	541
2143115294	01/07/79	21	49	19953	D	36.12	135.96	60	EEFE	NO	CCCL	LLLL	15.84 N	090.40 W	290083	395
2143507162	01/18/79	186	49	20004	D	35.90	135.56	0	EEFE	NO	CCCL	LLLL	15.85 N	032.90 E	290083	780
2145207105	01/27/79	185	48	20241	D	35.08	133.53	0	EEEE	NO	CCCL	LLLL	17.28 N	034.72 E	290084	23
2143115291	01/07/79	21	48	19953	D	35.24	136.98	70	EEFE	NO	CCCL	LLLL	17.28 N	090.04 W	290083	394
2141714075	01/12/79	7	47	19757	D	35.78	138.51	10	EEF2	NO	CCCL	LLLL	18.71 N	069.59 W	290083	461
2130615290	01/27/79	22	47	18210	D	51.36	093.43	40	EEEE	NO	CCCL	LLLL	18.71 N	091.10 W	290084	43
2140302272	01/21/79	136	47	19555	D	38.14	137.70	10	EEFE	NO	CCCL	LLLL	18.72 N	105.36 E	290083	681
2143414025	01/13/79	6	47	19994	D	34.18	137.44	20	EEEE	NO	CCCL	LLLL	18.72 N	068.18 W	290083	436
2143115285	01/07/79	21	47	19953	D	34.35	137.76	80	EEFE	NO	CCCL	LLLL	18.72 N	089.68 W	290083	393
2143106520	01/07/79	182	46	19948	D	33.47	138.65	10	EEFE	NO	CCCL	HLLL	20.15 N	039.76 E	290083	311
2141206453	01/06/79	181	46	19683	D	35.63	139.32	40	EEFE	NO	CCCL	HLLL	20.15 N	041.19 E	290083	276
2139406444	01/12/79	181	46	19432	D	38.99	137.37	90	EEFE	NO	CCCL	HLLL	20.15 N	041.20 E	290083	449
2140302265	01/21/79	136	46	19555	D	37.24	138.66	20	EEEE	NO	CCCL	LLLL	20.15 N	105.72 E	290083	680
2130615284	01/27/79	22	46	18210	D	51.50	095.33	40	EEEE	NO	CCCL	LLLL	20.15 N	090.73 W	290084	42
2141805365	01/27/79	169	46	19766	D	34.77	139.39	NA	KMM	NO	CCCL	HLLL	20.16 N	058.38 E	0	0
2143614140	01/21/79	8	46	20022	D	33.19	138.04	40	EEEE	NO	CCCL	LLLL	20.16 N	070.49 W	290083	764
2139801573	01/27/79	131	45	19485	D	37.32	138.97	40	EEFE	NO	CCCL	LLLL	21.58 N	113.28 E	290083	87
2143206572	01/12/79	183	45	19962	D	32.48	139.37	10	EEEE	NO	CCCL	HLLL	21.59 N	038.67 E	290083	578
2141805363	01/27/79	169	45	19766	D	33.82	140.25	10	FFFE	NO	CCCL	HLLL	21.59 N	058.75 E	290083	101
2143605371	01/07/79	169	45	20017	D	32.28	138.92	10	EEFE	NO	CCCL	HLLL	21.59 N	058.75 E	290083	492
2143203305	01/07/79	147	45	19960	D	32.48	139.39	0	FFFF	NO	CCCL	LLLL	21.59 N	090.30 E	290083	323
2139902032	01/21/79	132	45	19499	D	37.10	139.12	10	EEEE	NO	CCCL	LLLL	21.59 N	111.84 E	290083	675
2143303364	01/07/79	148	45	19974	D	32.43	139.28	10	EEFE	NO	CCCL	LLLL	21.60 N	088.85 E	290083	337
2119803201	01/21/79	147	45	16697	D	52.85	092.08	10	EEEF	NO	CCCL	LLLL	21.61 N	090.25 E	290083	747
2139902030	01/21/79	132	44	19499	D	36.17	140.06	30	EEEE	NO	CCCL	LLLL	23.02 N	112.21 E	290083	674
2139801571	01/27/79	131	44	19485	D	36.39	139.92	30	EEFE	NO	CCCL	LLLL	23.02 N	113.65 E	290083	86
2130701473	01/27/79	130	44	18216	D	51.60	099.44	80	EEFE	NO	CCCL	LLLL	23.02 N	115.08 E	290084	44
2139701512	01/27/79	130	44	19471	D	36.59	139.78	60	FFEE	NO	CCCL	LLLL	23.02 N	115.10 E	290083	85
2143206570	01/12/79	183	44	19962	D	31.54	140.18	10	EEEE	NO	CCCL	HLLL	23.03 N	039.04 E	290083	577
2141805360	01/27/79	169	44	19766	D	32.88	141.07	10	EEFF	NO	CCCL	HLLL	23.03 N	059.12 E	290083	100
2143605365	01/07/79	169	44	20017	D	31.36	139.73	10	EEFE	NO	CCCL	HLLL	23.03 N	059.12 E	290083	401
2143303361	01/07/79	148	44	19974	D	31.50	140.08	0	EEEF	NO	CCCL	LLLL	23.03 N	089.23 E	290083	336
2143203302	01/07/79	147	44	19960	D	31.55	140.19	0	EEFE	NO	CCCL	LLLL	23.03 N	090.67 E	290083	322
2119803194	01/21/79	147	44	16697	D	53.02	094.10	20	EEEE	NO	CCCL	LLLL	23.04 N	090.62 E	290083	746
2138706025	01/07/79	174	43	19334	D	37.82	138.97	10	EEFE	NO	CCCL	HLLL	24.45 N	052.38 E	290083	33
2140205462	01/14/79	171	43	19543	D	34.58	141.31	80	EEFE	NO	CCCL	HLLL	24.45 N	056.67 E	290083	635
2139805232	01/27/79	167	43	19487	D	35.40	140.86	10	EEFF	NO	CCCL	HLLL	24.45 N	062.40 E	290083	89

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2139405001	01/12/79	163	43	19431	D	36.25	140.29	10	FEFF	NO		CCCL	LLLL	24.45 N	088.14 E	290083	448
2130703302	01/27/79	148	43	18217	D	51.59	101.41	60	EEFE	NO		CCCL	LLLL	24.45 N	089.65 E	290084	51
2126414505	01/03/79	16	43	17624	D	53.77	085.02	NA	2222	NO		CCCL	LLLL	24.45 N	080.98 W	0	0
2142306043	01/06/79	174	43	19836	D	31.32	141.68	90	EEFE	NO		CCCL	HLLL	24.46 N	052.34 E	290083	293
2140506035	01/12/79	174	43	19585	D	34.01	141.56	20	EEEE	NO		CCCL	HLLL	24.46 N	052.35 E	290083	507
2140405580	01/28/79	173	43	19571	D	34.19	141.50	30	FEFF	NO		CCCL	HLLL	24.46 N	053.78 E	290083	606
2143805480	01/13/79	171	43	20045	D	30.37	140.23	10	EEEE	NO		CCCL	HLLL	24.46 N	056.63 E	290083	564
2141905612	01/27/79	170	43	19780	D	31.79	141.85	10	EEEE	NO		CCCL	HLLL	24.46 N	058.08 E	290083	105
2143705421	01/07/79	170	43	20031	D	30.40	140.36	10	EEFE	NO		CCCL	HLLL	24.46 N	058.08 E	290083	405
2141805354	01/27/79	169	43	19766	D	31.91	141.88	10	EEFE	NO		CCCL	HLLL	24.46 N	059.50 E	290083	99
2143605367	01/07/79	169	43	20017	D	30.42	140.50	0	EEFE	NO		CCCL	HLLL	24.46 N	059.50 E	290083	400
2143305190	01/07/79	166	43	19975	D	30.53	140.86	0	FEFF	NO		CCCL	HLLL	24.46 N	063.81 E	290083	343
2141205010	01/06/79	163	43	19682	D	32.79	141.88	0	EEFE	NO		CCCL	LLLL	24.46 N	068.13 E	290083	275
2143303355	01/07/79	148	43	19974	D	30.55	140.86	0	EEFE	NO		CCCL	LLLL	24.46 N	089.62 E	290083	335
2143203300	01/07/79	147	43	19960	D	30.60	140.97	10	EEFE	NO		CCCL	LLLL	24.46 N	091.06 E	290083	521
2142414664	01/13/79	14	43	19855	D	31.18	141.61	40	EEEE	NO		CCCL	HLLL	24.46 N	078.15 W	290083	419
2142614581	01/08/79	16	43	19883	D	30.98	141.48	20	EEEE	NO		CCCL	LLLL	24.46 N	081.03 W	290083	74
2142205585	01/07/79	173	43	19822	D	31.42	141.75	NA	MMMM	NO		CCCL	HLLL	24.47 N	053.75 E	0	0
2142514523	01/13/79	15	43	19869	D	31.08	141.54	30	EEEE	NO		CCCL	HLLL	24.47 N	079.60 W	290083	422
2119803192	01/21/79	147	43	16697	D	53.14	096.14	20	EEFE	NO		CCCL	LLLL	24.48 N	091.00 E	290083	745
2126414502	01/03/79	16	42	17624	D	54.12	087.08	50	FFFE	NO		CCCL	LLLL	25.88 N	080.59 W	290083	177
2140506032	01/12/79	174	42	19585	D	33.03	142.40	40	EEFE	NO		CCCL	HLLL	25.89 N	052.75 E	290083	506
2138706023	01/07/79	174	42	19334	D	36.89	139.95	10	EEFE	NO		CCCL	HLLL	25.89 N	052.76 E	290083	32
2140405573	01/28/79	173	42	19571	D	33.22	142.33	20	FEFF	NO		CCCL	HLLL	25.89 N	054.16 E	290083	605
2140205460	01/14/79	171	42	19543	D	33.61	142.17	90	FFFF	NO		CCCL	HLLL	25.89 N	057.05 E	290083	634
2141905410	01/27/79	170	42	19780	D	30.81	142.63	10	EEEE	NO		CCCL	HLLL	25.89 N	058.47 E	290083	104
2143705414	01/07/79	170	42	20031	D	29.45	141.12	30	EEFE	NO		CCCL	HLLL	25.89 N	058.47 E	290083	404
2139805225	01/27/79	167	42	19487	D	34.43	141.75	10	EEFE	NO		CCCL	HLLL	25.89 N	062.79 E	290083	88
2141205003	01/06/79	163	42	19682	D	31.81	142.68	0	EEFE	NO		CCCL	LLLL	25.89 N	068.51 E	290083	274
2139404594	01/12/79	163	42	19431	D	35.30	141.21	0	FFPF	NO		CCCL	LLLL	25.89 N	068.53 E	290083	447
2130703295	01/27/79	148	42	18217	D	51.53	103.37	80	EEFE	NO		CCCL	LLLL	25.89 N	090.04 E	290084	50
2139115020	01/14/79	17	42	19395	D	35.88	140.78	10	FFEE	NO		CCCL	LLLL	25.89 N	082.05 W	290083	737
2142306041	01/06/79	174	42	19836	D	30.35	142.45	70	EEEE	NO		CCCL	HLLL	25.90 N	052.72 E	290083	292
2141805351	01/27/79	169	42	19766	D	30.93	142.66	10	EEFE	NO		CCCL	HLLL	25.90 N	059.89 E	290083	98
2143605360	01/07/79	169	42	20017	D	29.47	141.25	0	EEFE	NO		CCCL	HLLL	25.90 N	059.89 E	290083	399
2143305184	01/07/79	166	42	19975	D	29.57	141.63	0	EEFE	NO		CCCL	HLLL	25.90 N	064.20 E	290083	342
2145105192	01/27/79	166	42	20226	D	29.81	138.84	90	EEEE	NO		CCCL	HLLL	25.90 N	064.20 E	290084	12
2143303352	01/07/79	148	42	19974	D	29.58	141.62	10	FEFF	NO		CCCL	LLLL	25.90 N	090.01 E	290083	334
2143203293	01/07/79	147	42	19960	D	29.64	141.73	10	EEFE	NO		CCCL	LLLL	25.90 N	091.44 E	290083	320
2142414661	01/13/79	14	42	19855	D	30.20	142.37	30	EEEE	NO		CCCL	HLLL	25.90 N	077.77 W	290083	418

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2140614453	01/21/79	14	42	19604	D	32.75	142.51	50	EEEE	NO	CCCL	HLLL	25.90 N	077.79 W	290083	753
2142514520	01/13/79	15	42	19869	D	30.11	142.30	30	EEEE	NO	CCCL	HLLL	25.90 N	079.22 W	290083	421
2142614575	01/08/79	16	42	19883	D	30.01	142.25	20	EEEE	NO	CCCL	LLLL	25.90 N	080.65 W	290083	73
2140506025	01/12/79	174	41	19565	D	32.03	143.23	20	EEFE	NO	CCCL	HLLL	27.32 N	053.14 E	290083	505
2138706020	01/07/79	174	41	19334	D	35.95	140.90	0	EEFE	NO	CCCL	HLLL	27.32 N	053.15 E	290083	31
2140205453	01/14/79	171	41	19543	D	32.63	143.00	40	EEFF	NO	CCCL	HLLL	27.32 N	057.44 E	290083	633
2139404592	01/12/79	163	41	19431	D	34.34	142.10	0	EEPE	NO	CCCL	LLLL	27.32 N	068.92 E	290083	446
2130703293	01/27/79	148	41	18217	D	51.43	105.32	70	EEFE	NO	CCCL	LLLL	27.32 N	090.43 E	290084	49
2126414500	01/03/79	16	41	17624	D	54.43	099.19	40	FFFE	NO	CCCL	LLLL	27.32 N	080.20 W	290083	176
2139115013	01/14/79	17	41	19395	D	34.93	141.69	10	EEEE	NO	CCCL	LLLL	27.32 N	081.66 W	290083	736
2139215072	01/21/79	18	41	19409	D	34.70	141.85	10	EEEE	NO	CCCL	LLLL	27.32 N	083.10 W	290083	671
2142016060	01/08/79	28	41	19800	D	29.65	143.32	100	EEPE	NO	CCCL	LLLL	27.32 N	097.43 W	290083	59
2144406214	01/27/79	177	41	20129	D	28.54	140.82	0	EEFF	NO	CCCL	HLLL	27.33 N	048.81 E	290083	822
2142506152	01/18/79	176	41	19864	D	29.15	143.08	10	FFFE	NO	CCCL	HLLL	27.33 N	050.25 E	290083	706
2142306034	01/06/79	174	41	19836	D	29.36	143.20	10	EEFE	NO	CCCL	HLLL	27.33 N	053.11 E	290083	291
2140405571	01/28/79	173	41	19571	D	32.23	143.16	0	MEFE	NO	CCCL	HLLL	27.33 N	054.55 E	290083	604
2141205001	01/06/79	163	41	19682	D	30.82	143.46	10	EEFE	NO	CCCL	LLLL	27.33 N	068.90 E	290083	273
2143203291	01/07/79	147	41	19960	D	28.67	142.46	0	EFEE	NO	CCCL	LLLL	27.33 N	091.84 E	290083	319
2142414455	01/13/79	14	41	19855	D	29.22	143.11	40	EEFE	NO	CCCL	HLLL	27.33 N	077.38 W	290083	417
2142514514	01/13/79	15	41	19869	D	29.12	143.05	30	EEEE	NO	CCCL	HLLL	27.33 N	078.83 W	290083	420
2142614572	01/08/79	16	41	19883	D	29.03	142.98	20	EEEF	NO	CCCL	LLLL	27.33 N	080.26 W	290083	72
2142815090	01/18/79	18	41	19911	D	28.88	142.80	10	EEEF	NO	CCCL	LLLL	27.33 N	083.11 W	290083	720
2140614450	01/21/79	14	41	19604	D	31.76	143.31	30	EEFE	NO	CCCL	HLLL	27.34 N	077.40 W	290083	752
2138315581	01/07/79	27	40	19284	D	35.89	141.08	70	EEFE	NO	CCCL	LLLL	28.74 N	095.56 W	290083	16
2139106245	01/21/79	178	40	19390	D	34.04	142.53	100	FFFE	NO	CCCL	HLLL	28.75 N	047.80 E	290083	645
2141204594	01/06/79	163	40	19682	D	29.81	144.22	20	EEPE	NO	CCCL	LLLL	28.75 N	069.31 E	290083	272
2139404585	01/12/79	163	40	19431	D	33.36	142.96	0	EEFE	NO	CCCL	LLLL	28.75 N	069.32 E	290083	445
2130703290	01/27/79	148	40	18217	D	51.28	107.26	90	EEEE	NO	CCCL	LLLL	28.75 N	090.83 E	290084	48
2126414494	01/03/79	16	40	17624	D	54.68	091.34	30	FFFE	NO	CCCL	LLLL	28.75 N	079.80 W	290083	175
2139115011	01/14/79	17	40	19395	D	33.95	142.58	10	EEEE	NO	CCCL	LLLL	28.75 N	081.26 W	290083	735
2142016053	01/08/79	28	40	19800	D	28.65	144.05	50	FFFE	NO	CCCL	LLLL	28.75 N	097.03 W	290083	58
2142516343	01/27/79	33	40	19870	D	28.14	143.75	90	EEEE	NO	CCCL	LLLL	28.75 N	104.20 W	290083	131
2144406212	01/27/79	177	40	20129	D	27.59	141.54	0	EEFF	NO	CCCL	HLLL	28.76 N	049.21 E	290083	821
2142506145	01/18/79	176	40	19864	D	28.15	143.80	10	FEFE	NO	CCCL	HLLL	28.76 N	050.64 E	290083	705
2147904544	01/28/79	162	40	19919	D	27.86	143.47	10	EEEF	NO	CCCL	LLLL	28.76 N	070.72 E	290083	616
2141104540	01/06/79	162	40	19668	D	29.98	144.21	0	EEPE	NO	CCCL	LLLL	28.76 N	070.75 E	290083	259
2143203284	01/07/79	147	40	19960	D	27.48	143.14	0	EEEE	NO	CCCL	LLLL	28.76 N	092.23 E	290083	318
2139215070	01/21/79	18	40	19409	D	33.73	142.73	10	EEEF	NO	CCCL	LLLL	28.76 N	082.70 W	290083	670
2142815083	01/18/79	18	40	19911	D	27.89	143.52	20	FEFE	NO	CCCL	LLLL	28.76 N	082.71 W	290083	219
2139315124	01/18/79	19	40	19423	D	33.50	142.87	50	FEFE	NO	CCCL	LLLL	28.76 N	084.13 W	290083	697

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2142915142	01/12/79	19	40	19925	D	27.81	143.44	30	FEEE	NO			CCCL LLLL 28.76 N	084.15 W	290083	51R
2141515364	01/21/79	23	40	19730	D	29.31	144.20	80	EEEE	NO			CCCL LLLL 28.76 N	089.86 W	290083	489
2139815414	01/27/79	24	40	19493	D	32.38	143.50	90	EEEE	NO			CCCL LLLL 28.76 N	091.31 W	290083	204
2145215435	01/27/79	24	40	20246	D	28.08	140.09	50	EEEE	NO			CCCL LLLL 28.76 N	091.31 W	290084	76
2141815540	01/13/79	26	40	19772	D	28.88	144.14	80	FFFF	NO			CCCL LLLL 28.76 N	094.20 W	290083	158
2140115590	01/27/79	27	40	19535	D	31.75	143.77	60	EEEE	NO			CCCL LLLL 28.76 N	095.61 W	290083	217
2142614570	01/08/79	16	40	19883	D	28.03	143.70	10	EEEE	NO			CCCL LLLL 28.77 N	079.86 W	290083	71
2139106242	01/21/79	178	39	19390	D	33.06	143.39	100	FFFF	NO			CCCL HLLL 30.18 N	048.21 E	290083	644
2126414491	01/03/79	16	39	17624	D	54.89	093.54	60	FFFF	NO			CCCL LLLL 30.18 N	079.38 W	290083	174
2132315205	01/07/79	21	39	18447	D	48.71	117.81	10	EEEE	NO			CCCL LLLL 30.18 N	086.58 W	290083	9
2144406205	01/27/79	177	39	20129	D	26.63	142.25	10	EEEE	NO			CCCL HLLL 30.19 N	049.62 E	290083	820
2142904542	01/28/79	162	39	19919	D	26.86	144.17	0	EEEE	NO			CCCL LLLL 30.19 N	071.13 E	290083	615
2144404374	01/27/79	159	39	20128	D	26.62	142.26	0	FEEE	NO			CCCL LLLL 30.19 N	075.43 E	290083	819
2139115004	01/14/79	17	39	19395	D	32.97	143.44	30	EEEE	NO			CCCL LLLL 30.19 N	080.85 W	290083	734
2139215063	01/21/79	18	39	19409	D	32.74	143.58	20	EEEE	NO			CCCL LLLL 30.19 N	082.29 W	290083	669
2142815081	01/18/79	18	39	19911	D	26.89	144.22	80	EEEE	NO			CCCL LLLL 30.19 N	082.30 W	290083	71R
2139315122	01/18/79	19	39	19423	D	32.50	143.72	50	EEEE	NO			CCCL LLLL 30.19 N	083.73 W	290083	696
2142915135	01/12/79	19	39	19925	D	26.81	144.14	80	EEEE	NO			CCCL LLLL 30.19 N	083.75 W	290083	517
2143115253	01/28/79	21	39	19953	D	26.72	143.93	80	FFFF	NO			CCCL LLLL 30.19 N	086.60 W	290083	628
2141515361	01/21/79	23	39	19730	D	28.29	144.93	90	EEEE	NO			CCCL LLLL 30.19 N	089.46 W	290083	488
2139815411	01/27/79	24	39	19493	D	31.37	144.30	30	EEEE	NO			CCCL LLLL 30.19 N	090.90 W	290083	203
2145215432	01/27/79	24	39	20246	D	27.14	140.83	80	EEEE	NO			CCCL LLLL 30.19 N	090.91 W	290084	75
2140015525	01/28/79	26	39	19521	D	30.95	144.68	NA	HMMM	NO			CCCL LLLL 30.19 N	093.77 W		0
2140115583	01/27/79	27	39	19535	D	30.74	144.56	70	EEEE	NO			CCCL LLLL 30.19 N	095.20 W	290083	216
2142516340	01/27/79	33	39	19870	D	27.14	144.45	100	EEEE	NO			CCCL LLLL 30.19 N	103.79 W	290083	130
2142614563	01/08/79	16	39	19883	D	27.02	144.40	10	EEEE	NO			CCCL LLLL 30.20 N	079.46 W	290083	70
2141715475	01/27/79	25	39	19758	D	28.00	144.89	80	EEEE	NO			CCCL LLLL 30.20 N	092.36 W	290083	231
2141815534	01/13/79	26	39	19772	D	27.88	144.85	0	EEEE	NO			CCCL LLLL 30.20 N	093.79 W	290083	157
2126414485	01/03/79	16	38	17624	D	55.04	095.76	60	FFFF	NO			CCCL LLLL 31.61 N	078.97 W	290083	173
2132315202	01/07/79	21	38	18447	D	48.26	119.53	10	FEEE	NO			CCCL LLLL 31.61 N	086.16 W	290083	8
2141515355	01/21/79	23	38	19730	D	27.27	145.63	90	EEEE	NO			CCCL LLLL 31.61 N	089.03 W	290083	487
2142516334	01/27/79	33	38	19870	D	26.13	145.13	100	EEEE	NO			CCCL LLLL 31.61 N	103.37 W	290083	129
2140002061	01/21/79	133	38	19513	D	30.06	145.20	90	EEPE	NO			CCCL LLLL 31.62 N	113.15 E	290083	677
2139115002	01/14/79	17	38	19395	D	31.97	144.28	10	FEEE	NO			CCCL LLLL 31.62 N	080.44 W	290083	733
2139215061	01/21/79	18	38	19409	D	31.74	144.41	30	EEEE	NO			CCCL LLLL 31.62 N	081.88 W	290083	668
2142815074	01/18/79	18	38	19911	D	25.88	144.90	80	EEEE	NO			CCCL LLLL 31.62 N	081.88 W	290083	717
2139315115	01/18/79	19	38	19423	D	31.50	144.55	60	EEEE	NO			CCCL LLLL 31.62 N	083.32 W	290083	695
2142915133	01/12/79	19	38	19925	D	25.80	144.82	90	EEEE	NO			CCCL LLLL 31.62 N	083.32 W	290083	516
2143115250	01/28/79	21	38	19953	D	25.72	144.60	70	FEEE	NO			CCCL LLLL 31.62 N	086.19 W	290083	627
2143315363	01/07/79	23	38	19981	D	25.63	144.39	0	EEEE	NO			CCCL LLLL 31.62 N	089.06 W	290083	368

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2139415405	01/27/79	24	38	19493	D	30.36	145.09	40	EEEE	NO		CCCL	LLLL	31.62 N	090.50 W	290083	202
2145215430	01/27/79	24	38	20246	D	26.20	141.54	90	EEEE	NO		CCCL	LLLL	31.62 N	090.50 W	290084	74
2140015522	01/28/79	26	38	19521	D	29.94	145.25	50	EEEE	NO		CCCL	LLLL	31.62 N	093.36 W	290083	603
2140115581	01/27/79	27	38	19535	D	29.72	145.33	80	EEEE	NO		CCCL	LLLL	31.62 N	094.78 W	290083	215
2142816510	01/13/79	36	38	19912	D	25.87	144.90	30	EEEE	NO		CCCL	LLLL	31.62 N	107.71 W	290083	435
2142916564	01/13/79	37	38	19926	D	25.82	144.80	0	EEEE	NO		CCCL	LLLL	31.62 N	109.13 W	290083	556
2143317195	01/07/79	41	38	19982	D	25.64	144.37	0	EEEE	NO		CCCL	LLLL	31.62 N	114.88 W	290083	381
2141617245	01/03/79	42	38	19745	D	27.10	145.62	0	EEEE	NO		CCCL	LLLL	31.62 N	116.31 W	290083	190
2143417254	01/21/79	42	38	19996	D	25.60	144.26	20	EEEE	NO		CCCL	LLLL	31.62 N	116.31 W	290083	502
2142614561	01/08/79	16	38	19883	D	26.01	145.09	0	EEEE	NO		CCCL	LLLL	31.63 N	079.04 W	290083	69
2141715472	01/27/79	25	38	19758	D	26.97	145.59	90	EEEE	NO		CCCL	LLLL	31.63 N	091.94 W	290083	230
2141815531	01/13/79	26	38	19772	D	26.85	145.55	0	EEEE	NO		CCCL	LLLL	31.63 N	093.38 W	290083	156
2143017023	01/13/79	38	38	19940	D	25.77	144.69	10	EEEE	NO		CCCL	LLLL	31.63 N	110.59 W	290083	171
2143217140	01/27/79	40	38	19968	D	25.67	144.50	10	EEEE	NO		CCCL	LLLL	31.63 N	113.47 W	290083	238
2126414482	01/03/79	16	37	17624	D	55.14	098.02	50	EEEE	NO		CCCL	LLLL	33.04 N	078.55 W	290083	172
2132315200	01/07/79	21	37	18447	D	47.78	121.23	20	EEEE	NO		CCCL	LLLL	33.04 N	085.73 W	290083	7
2141515352	01/21/79	23	37	19730	D	26.24	146.32	90	EEEE	NO		CCCL	LLLL	33.04 N	088.61 W	290083	486
2142516331	01/27/79	33	37	19870	D	25.10	145.81	90	EEEE	NO		CCCL	LLLL	33.04 N	102.94 W	290083	128
2142506134	01/18/79	176	37	19864	D	25.11	145.86	10	EEEE	NO		CCCL	LLLL	33.05 N	051.88 E	290083	704
2140002055	01/21/79	133	37	19513	D	29.04	145.96	50	EEEE	NO		CCCL	LLLL	33.05 N	113.58 E	290083	676
2139114595	01/14/79	17	37	19395	D	30.96	145.10	10	EEEE	NO		CCCL	LLLL	33.05 N	080.01 W	290083	732
2139215054	01/21/79	18	37	19409	D	30.73	145.22	60	EEEE	NO		CCCL	LLLL	33.05 N	081.45 W	290083	667
2142815077	01/18/79	18	37	19911	D	24.87	145.57	90	EEEE	NO		CCCL	LLLL	33.05 N	081.45 W	290083	716
2141015063	01/21/79	18	37	19660	D	27.00	146.38	50	EEEE	NO		CCCL	LLLL	33.05 N	081.47 W	290083	686
2139315113	01/18/79	19	37	19423	D	30.48	145.35	70	EEEE	NO		CCCL	LLLL	33.05 N	082.89 W	290083	694
2142915130	01/12/79	19	37	19925	D	24.79	145.48	80	EEEE	NO		CCCL	LLLL	33.05 N	082.89 W	290083	515
2143115244	01/28/79	21	37	19953	D	24.70	145.27	60	EEEE	NO		CCCL	LLLL	33.05 N	085.76 W	290083	626
2143315361	01/07/79	23	37	19981	D	24.62	145.05	0	EEEE	NO		CCCL	LLLL	33.05 N	088.64 W	290083	367
2139815402	01/27/79	24	37	19493	D	29.34	145.86	80	EEEE	NO		CCCL	LLLL	33.05 N	090.07 W	290083	201
2145215423	01/13/79	24	37	20246	D	25.24	142.25	100	EEEE	NO		CCCL	LLLL	33.05 N	090.07 W	290084	73
2140015520	01/28/79	26	37	19521	D	28.90	146.01	100	EEEE	NO		CCCL	LLLL	33.05 N	092.93 W	290083	602
2140115574	01/27/79	27	37	19535	D	28.70	146.08	90	EEEE	NO		CCCL	LLLL	33.05 N	094.35 W	290083	214
2141915583	01/13/79	27	37	19786	D	25.70	146.19	0	EEEE	NO		CCCL	LLLL	33.05 N	094.37 W	290083	528
2142816503	01/13/79	35	37	19912	D	24.84	145.57	10	EEEE	NO		CCCL	LLLL	33.05 N	107.28 W	290083	434
2142916562	01/13/79	37	37	19926	D	24.80	145.46	0	EEEE	NO		CCCL	LLLL	33.05 N	108.70 W	290083	555
2143317193	01/07/79	41	37	19982	D	24.63	145.04	10	EEEE	NO		CCCL	LLLL	33.05 N	114.44 W	290083	380
2141617243	01/03/79	42	37	19745	D	26.08	146.30	0	EEEE	NO		CCCL	LLLL	33.05 N	115.89 W	290083	189
2143417251	01/21/79	42	37	19996	D	24.59	144.93	10	EEEE	NO		CCCL	LLLL	33.05 N	115.89 W	290083	501
2142614554	01/08/79	16	37	19883	D	24.99	145.76	10	EEEE	NO		CCCL	LLLL	33.06 N	078.61 W	290083	68
2141715470	01/27/79	25	37	19758	D	25.95	146.27	70	EEEE	NO		CCCL	LLLL	33.06 N	091.52 W	290083	229

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2141815525	01/13/79	26	37	19772	D	25.81	146.25	J	EEEE	NO	CCCL	LLLL	33.06 N	092.95 W	290083	155
2143017021	01/13/79	38	37	19940	D	24.76	145.36	30	EEEE	NO	CCCL	LLLL	33.06 N	110.16 W	290083	170
2143217134	01/27/79	40	37	19968	D	24.66	145.15	0	EEEE	NO	CCCL	LLLL	33.06 N	113.04 W	290083	237
2126414480	01/03/79	16	36	17624	D	55.19	100.30	NA	MMMM	NO	CCCL	LLLL	34.46 N	078.11 W	0	0
2139114593	01/14/79	17	36	19395	D	29.95	145.89	0	EEEE	NO	CCCL	LLLL	34.47 N	079.58 W	290083	731
2141115115	01/12/79	19	36	19674	D	25.80	147.07	90	EEEE	NO	CCCL	LLLL	34.47 N	082.44 W	290083	247
2132315193	01/07/79	21	36	18447	D	47.25	122.90	10	EEEE	NO	CCCL	LLLL	34.47 N	085.30 W	290083	6
2141515350	01/21/79	23	36	19730	D	25.19	147.00	100	EEEE	NO	CCCL	LLLL	34.47 N	088.17 W	290083	485
2140115572	01/27/79	27	36	19535	D	27.66	146.81	80	EEEE	NO	CCCL	LLLL	34.47 N	093.92 W	290083	213
2142516325	01/27/79	33	36	19870	D	24.07	146.46	80	EEEE	NO	CCCL	LLLL	34.47 N	102.50 W	290083	127
2142916555	01/13/79	37	36	19926	D	23.78	146.11	0	EEEE	NO	CCCL	LLLL	34.47 N	108.25 W	290083	554
2142614552	01/08/79	16	36	19883	D	23.96	146.41	90	EEEE	NO	CCCL	LLLL	34.48 N	078.18 W	290083	67
2139215052	01/21/79	18	36	19409	D	29.70	146.01	100	EEEE	NO	CCCL	LLLL	34.48 N	081.07 W	290083	666
2142815065	01/18/79	18	36	19911	D	23.84	146.22	90	EEEE	NO	CCCL	LLLL	34.48 N	081.02 W	290083	755
2141015061	01/21/79	18	36	19660	D	25.96	147.07	10	EEEE	NO	CCCL	LLLL	34.48 N	081.03 W	290083	685
2139315110	01/18/79	19	36	19423	D	29.46	146.13	90	EEEE	NO	CCCL	LLLL	34.48 N	082.45 W	290083	693
2142915124	01/12/79	19	36	19925	D	23.76	146.13	30	EEEE	NO	CCCL	LLLL	34.48 N	082.45 W	290083	514
2143115241	01/20/79	21	36	19953	D	23.68	145.92	60	EEEE	NO	CCCL	LLLL	34.48 N	085.33 W	290083	625
2143315354	01/07/79	23	36	19981	D	23.61	145.70	0	EEEE	NO	CCCL	LLLL	34.48 N	088.20 W	290083	366
2139815400	01/27/79	24	36	19493	D	28.31	146.61	90	EEEE	NO	CCCL	LLLL	34.48 N	089.64 W	290083	200
2145215421	01/27/79	24	36	20246	D	24.27	142.94	100	EEEE	NO	CCCL	LLLL	34.48 N	089.64 W	290084	72
2141715463	01/27/79	25	36	19758	D	24.92	146.94	40	EEEE	NO	CCCL	LLLL	34.48 N	091.08 W	290083	228
2140015513	01/28/79	26	36	19521	D	27.86	146.75	100	EEEE	NO	CCCL	LLLL	34.48 N	092.50 W	290083	601
2141815522	01/13/79	26	36	19772	D	24.77	146.91	0	EEEE	NO	CCCL	LLLL	34.48 N	092.51 W	290083	154
2141915581	01/13/79	27	36	19786	D	24.66	146.86	10	EEEE	NO	CCCL	LLLL	34.48 N	093.94 W	290083	527
2144316333	01/27/79	33	36	20121	D	23.65	144.37	90	EEEE	NO	CCCL	LLLL	34.48 N	102.55 W	290083	817
2142816501	01/13/79	36	36	19912	D	23.81	146.23	30	EEEE	NO	CCCL	LLLL	34.48 N	106.84 W	290083	433
2143017014	01/13/79	38	36	19940	D	23.73	146.01	20	EEEE	NO	CCCL	LLLL	34.48 N	109.72 W	290083	169
2143217131	01/27/79	40	36	19968	D	23.63	145.81	10	EEEE	NO	CCCL	LLLL	34.48 N	112.60 W	290083	236
2143317190	01/07/79	41	36	19982	D	23.61	145.69	10	EEEE	NO	CCCL	LLLL	34.48 N	114.00 W	290083	379
2141617240	01/03/79	42	36	19745	D	25.04	146.97	0	EEEE	NO	CCCL	LLLL	34.48 N	115.45 W	290083	188
2143417245	01/21/79	42	36	19996	D	23.58	145.57	0	EEEE	NO	CCCL	LLLL	34.48 N	115.45 W	290083	500
2141515344	01/21/79	23	35	19730	D	24.15	147.66	100	EEEE	NO	CCCL	LLLL	35.89 N	087.72 W	290083	484
2142516322	01/27/79	33	35	19870	D	23.03	147.11	90	EEEE	NO	CCCL	LLLL	35.89 N	102.05 W	290083	126
2139215045	01/21/79	18	35	19409	D	28.67	146.79	80	EEEE	NO	CCCL	LLLL	35.90 N	080.56 W	290083	665
2142815063	01/18/79	18	35	19911	D	22.81	146.86	90	EEEE	NO	CCCL	LLLL	35.90 N	080.57 W	290083	714
2141115113	01/12/79	19	35	19674	D	24.75	147.75	90	EEEE	NO	CCCL	LLLL	35.90 N	082.00 W	290083	246
2142915121	01/12/79	19	35	19925	D	22.74	146.77	40	EEEE	NO	CCCL	LLLL	35.90 N	082.00 W	290083	513
2139315104	01/18/79	19	35	19423	D	28.43	146.89	100	EEEE	NO	CCCL	LLLL	35.90 N	082.00 W	290083	692
2132315191	01/07/79	21	35	18447	D	46.70	124.53	10	EEEE	NO	CCCL	LLLL	35.90 N	084.86 W	290083	5

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2143115235	01/28/79	21	35	19953	D	22.65	146.56	49	EEFE	NO			CCCL LLLL 35.90 N	084.87 W	290083	624
2143315352	01/07/79	23	35	19981	D	22.59	146.34	0	EEEE	NO			CCCL LLLL 35.90 N	087.75 W	290083	365
2140115565	01/27/79	27	35	19535	D	26.62	147.52	90	EEEE	NO			CCCL LLLL 35.90 N	093.47 W	290083	212
2141915574	01/13/79	27	35	19786	D	23.62	147.50	20	EEEE	NO			CCCL LLLL 35.90 N	093.48 W	290083	526
2142616381	01/08/79	34	35	19884	D	22.95	147.03	50	FEFF	NO			CCCL LLLL 35.90 N	103.51 W	290083	84
2142916553	01/13/79	37	35	19926	D	22.75	146.76	0	EEEE	NO			CCCL LLLL 35.90 N	107.80 W	290083	553
2143317184	01/07/79	41	35	19982	D	22.58	146.33	10	EEEE	NO			CCCL LLLL 35.90 N	113.56 W	290083	378
2143917532	01/18/79	47	35	20066	D	22.55	145.57	10	EEEE	NO			CCCL LLLL 35.90 N	122.15 W	290083	730
2142614545	01/08/79	16	35	19883	D	22.92	147.05	100	EEEE	NO			CCCL LLLL 35.91 N	077.73 W	290083	66
2145215414	01/27/79	24	35	20246	D	23.30	143.61	100	EEEE	NO			CCCL LLLL 35.91 N	089.19 W	290084	71
2139815393	01/27/79	24	35	19493	D	27.27	147.34	80	EEEE	NO			CCCL LLLL 35.91 N	089.20 W	290083	199
2141715461	01/27/79	25	35	19758	D	23.87	147.60	10	EEEE	NO			CCCL LLLL 35.91 N	090.62 W	290083	227
2140015511	01/28/79	26	35	19521	D	26.73	147.47	100	EEEE	NO			CCCL LLLL 35.91 N	092.05 W	290083	600
2141815520	01/13/79	26	35	19772	D	23.73	147.56	0	EEEE	NO			CCCL LLLL 35.91 N	092.07 W	290083	153
2144316330	01/27/79	33	35	20121	D	22.64	145.02	100	EEPF	NO			CCCL LLLL 35.91 N	102.10 W	290083	816
2142516494	01/13/79	36	35	19912	D	22.79	146.86	30	EEEE	NO			CCCL LLLL 35.91 N	106.40 W	290083	432
2143017012	01/13/79	38	35	19940	D	22.70	146.65	0	EEFF	NO			CCCL LLLL 35.91 N	109.28 W	290083	168
2143217125	01/27/79	40	35	19968	D	22.61	146.45	10	EEEE	NO			CCCL LLLL 35.91 N	112.14 W	290083	235
2141617234	01/03/79	42	35	19745	D	23.99	147.63	0	FEFE	NO			CCCL LLLL 35.91 N	115.01 W	290083	187
2143417242	01/21/79	42	35	19996	D	22.57	146.21	10	EEEE	NO			CCCL LLLL 35.91 N	115.01 W	290083	499
2142516320	01/27/79	33	34	19870	D	21.99	147.75	100	EEEE	NO			CCCL LLLL 37.31 N	101.59 W	290083	125
2145005101	01/27/79	165	34	20212	D	22.09	144.66	90	EEFE	NO			CCCL LLLL 37.32 N	069.04 E	290084	1
2141115110	01/12/79	19	34	19674	D	23.69	148.41	100	EEFF	NO			CCCL LLLL 37.32 N	081.53 W	290083	245
2142915115	01/12/79	19	34	19925	D	21.70	147.40	90	EEEE	NO			CCCL LLLL 37.32 N	081.53 W	290083	512
2139515215	01/28/79	21	34	19451	D	26.92	147.82	90	EEPF	NO			CCCL LLLL 37.32 N	084.39 W	290083	596
2143115232	01/28/79	21	34	19953	D	21.62	147.18	10	EEEE	NO			CCCL LLLL 37.32 N	084.40 W	290083	623
2141515341	01/21/79	23	34	19730	D	23.09	148.31	100	EEFE	NO			CCCL LLLL 37.32 N	087.26 W	290083	483
2143315345	01/07/79	23	34	19981	D	21.55	146.97	10	EEEE	NO			CCCL LLLL 37.32 N	087.27 W	290083	364
2142616374	01/08/79	34	34	19884	D	21.90	147.60	30	FEFF	NO			CCCL LLLL 37.32 N	103.04 W	290083	83
2142916550	01/13/79	37	34	19926	D	21.71	147.38	10	EEEE	NO			CCCL LLLL 37.32 N	107.34 W	290083	552
2141116542	01/06/79	37	34	19675	D	23.68	148.41	20	EEEE	NO			CCCL LLLL 37.32 N	107.35 W	290083	271
2143917525	01/18/79	47	34	20066	D	21.52	146.21	20	EEEE	NO			CCCL LLLL 37.32 N	121.68 W	290083	729
2143205093	01/07/79	165	34	19961	D	21.59	147.13	90	EEPE	NO			CCCL LLLL 37.33 N	069.01 E	290083	329
2139315101	01/18/79	19	34	19423	D	27.39	147.64	100	FEFF	NO			CCCL LLLL 37.33 N	081.54 W	290083	691
2132315184	01/07/79	21	34	18447	D	46.11	125.13	10	EEEE	NO			CCCL LLLL 37.33 N	084.40 W	290083	4
2145215412	01/27/79	24	34	20246	D	22.31	144.28	100	EEEE	NO			CCCL LLLL 37.33 N	088.73 W	290084	70
2141715454	01/27/79	25	34	19758	D	22.81	148.25	0	EEEE	NO			CCCL LLLL 37.33 N	090.16 W	290083	226
2145315471	01/27/79	25	34	20260	D	22.42	144.11	0	EEEE	NO			CCCL LLLL 37.33 N	090.16 W	290084	81
2140015504	01/28/79	26	34	19521	D	25.79	148.17	100	EEEE	NO			CCCL LLLL 37.33 N	091.60 W	290083	599
2140115563	01/27/79	27	34	19535	D	25.57	148.23	100	EEFE	NO			CCCL LLLL 37.33 N	093.01 W	290083	211

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 LANDSAT 2 MSS SENSOR
 FROM 01/01/79 TO 01/31/79

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM NO	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2141915572	01/13/79	27	34	19786	D	22.58	148.14	70	EEEE	NO		CCCL	LLLL	37.33 N	093.01 W	290083	525
2144316324	01/27/79	33	34	20121	D	21.63	145.67	100	EEEE	NO		CCCL	LLLL	37.33 N	101.64 W	290083	815
2142816492	01/13/79	36	34	19912	D	21.75	147.50	30	EEEE	NO		CCCL	LLLL	37.33 N	105.94 W	290083	431
2143017005	01/13/79	38	34	19940	D	21.66	147.29	0	EEEE	NO		CCCL	LLLL	37.33 N	108.82 W	290083	167
2143217122	01/27/79	40	34	19968	D	21.58	147.07	10	EEEE	NO		CCCL	LLLL	37.33 N	111.68 W	290083	234
2143317181	01/07/79	41	34	19982	D	21.54	146.96	0	EFEE	NO		CCCL	LLLL	37.33 N	115.10 W	290083	377
2141617231	01/03/79	42	34	19745	D	22.94	148.28	0	FEFE	NO		CCCL	LLLL	37.33 N	114.54 W	290083	186
2143417240	01/21/79	42	34	19996	D	21.54	146.84	10	EEEE	NO		CCCL	LLLL	37.33 N	114.54 W	290083	498
2142614543	01/08/79	16	34	19883	D	21.87	147.68	50	EEEE	NO		CCCL	LLLL	37.34 N	077.27 W	290083	65
2139815391	01/27/79	24	34	19493	D	26.22	148.06	100	EEEE	NO		CCCL	LLLL	37.34 N	088.75 W	290083	198
2141815513	01/13/79	26	34	19772	D	22.68	148.20	0	EEEE	NO		CCCL	LLLL	37.34 N	091.61 W	290083	152
2144706354	01/27/79	180	33	20171	D	20.84	145.77	60	LEPE	NO		CCCL	LLLL	38.74 N	048.02 E	290083	832
2139515212	01/28/79	21	33	19451	D	25.86	148.55	100	FFPF	NO		CCCL	LLLL	38.74 N	083.92 W	290083	595
2145015292	01/27/79	22	33	20218	D	21.14	145.25	30	EEEE	NO		CCCL	LLLL	38.74 N	085.35 W	290084	57
2141515335	01/21/79	23	33	19730	D	22.03	148.95	100	EFEE	NO		CCCL	LLLL	38.74 N	086.78 W	290083	482
2142516313	01/27/79	33	33	19870	D	20.94	148.36	90	EFEE	NO		CCCL	LLLL	38.74 N	101.11 W	290083	124
2142616372	01/08/79	34	33	19884	D	20.84	148.29	10	EEEE	NO		CCCL	LLLL	38.74 N	102.57 W	290083	82
2143917523	01/18/79	47	33	20066	D	20.49	146.84	20	EEEE	NO		CCCL	LLLL	38.74 N	121.21 W	290083	728
2143106464	01/07/79	182	33	19948	D	20.59	147.85	30	EFEE	NO		CCCL	LLLL	38.75 N	045.12 E	290083	310
2142214310	01/21/79	12	33	19827	D	21.19	148.60	NA	MHMM	NO		CCCL	LLLL	38.75 N	071.02 W	D	D
2139315095	01/18/79	19	33	19423	D	26.34	148.38	100	EEEE	NO		CCCL	LLLL	38.75 N	081.06 W	290083	690
2141115104	01/12/79	19	33	19674	D	22.62	149.06	90	EEEE	NO		CCCL	LLLL	38.75 N	081.06 W	290083	244
2142915112	01/12/79	19	33	19925	D	20.66	148.01	100	EEEE	NO		CCCL	LLLL	38.75 N	081.06 W	290083	511
2143115230	01/28/79	21	33	19953	D	20.58	147.80	20	EEEE	NO		CCCL	LLLL	38.75 N	083.92 W	290083	622
2132315182	01/07/79	21	33	18447	D	45.49	127.71	0	EEEE	NO		CCCL	LLLL	38.75 N	083.93 W	290083	3
2143315343	01/07/79	23	33	19981	D	20.51	147.59	30	EEEE	NO		CCCL	LLLL	38.75 N	086.79 W	290083	363
2145215405	01/27/79	24	33	20246	D	21.32	144.93	100	EFEE	NO		CCCL	LLLL	38.75 N	088.25 W	290084	59
2141715452	01/27/79	25	33	19758	D	21.75	148.88	0	EEEE	NO		CCCL	LLLL	38.75 N	089.68 W	290083	225
2140015502	01/28/79	26	33	19521	D	24.73	148.87	100	EEEE	NO		CCCL	LLLL	38.75 N	091.12 W	290083	598
2141915565	01/13/79	27	33	19786	D	21.51	148.78	10	EEEE	NO		CCCL	LLLL	38.75 N	092.53 W	290083	524
2140115560	01/27/79	27	33	19535	D	24.50	148.92	100	EEEE	NO		CCCL	LLLL	38.75 N	092.54 W	290083	210
2142716431	01/21/79	35	33	19898	D	20.77	148.20	20	EEEE	NO		CCCL	LLLL	38.75 N	104.01 W	290083	763
2142816485	01/13/79	36	33	19912	D	20.70	148.11	40	EEEE	NO		CCCL	LLLL	38.75 N	105.46 W	290083	430
2141116535	01/06/79	37	33	19675	D	22.62	149.06	10	EEEE	NO		CCCL	LLLL	38.75 N	106.87 W	290083	270
2142916544	01/13/79	37	33	19926	D	20.66	148.00	10	EEEE	NO		CCCL	LLLL	38.75 N	106.88 W	290083	551
2143317175	01/07/79	41	33	19982	D	20.50	147.59	0	EEEE	NO		CCCL	LLLL	38.75 N	112.63 W	290083	376
2143417233	01/21/79	42	33	19996	D	20.50	147.46	10	EEEE	NO		CCCL	LLLL	38.75 N	114.06 W	290083	497
2141617225	01/03/79	42	33	19745	D	21.88	148.91	0	EEEE	NO		CCCL	LLLL	38.75 N	114.07 W	290083	185
2142906350	01/28/79	180	33	19920	D	20.66	148.06	30	EEEE	NO		CCCL	LLLL	38.76 N	047.94 E	290083	619
2143205091	01/07/79	165	33	19961	D	20.54	147.76	90	EEPE	NO		CCCL	LLLL	38.76 N	069.50 E	290083	328

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 FROM 01/01/79 TO 01/31/79

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2142614540	01/04/79	16	33	19883	D	20.82	148.30	0	FEFE	NO	CCCL	LLLL	38.76 N	076.80 W	290083	64
2139815384	01/27/79	24	33	19493	D	25.16	148.77	100	EEEE	NO	CCCL	LLLL	38.76 N	088.27 W	290083	197
2145315464	01/27/79	75	33	20260	D	21.43	144.77	0	EEEE	NO	CCCL	LLLL	38.76 N	089.69 W	290084	80
2141815511	01/13/79	26	33	19772	D	21.62	148.84	0	EEEE	NO	CCCL	LLLL	38.76 N	091.13 W	290083	151
2144316321	01/27/79	33	33	20121	D	20.61	146.30	100	EEPF	NO	CCCL	LLLL	38.76 N	101.16 W	290083	814
2143017003	01/13/79	38	33	19940	D	20.61	147.91	10	EEEE	NO	CCCL	LLLL	38.76 N	108.33 W	290083	166
2143217120	01/27/79	40	33	19968	D	20.54	147.69	20	EEEE	NO	CCCL	LLLL	38.76 N	111.21 W	290083	233
2144706352	01/27/79	180	32	20171	S	19.83	146.40	30	MEFE	NO	CCCL	LLLL	40.16 W	048.51 E	290083	831
2145105151	01/27/79	166	32	20226	D	20.19	145.80	50	EEFF	NO	CCCL	LLLL	40.16 N	068.58 E	290084	11
2142516311	01/27/79	33	32	19870	S	19.88	148.97	10	FEFE	NO	CCCL	LLLL	40.16 N	100.62 W	290083	123
2142616365	01/08/79	34	32	19884	S	19.78	148.90	30	FEFE	NO	CCCL	LLLL	40.16 N	102.07 W	290083	81
2143106461	01/07/79	182	32	19948	S	19.55	148.46	10	EEFE	NO	CCCL	LLLL	40.17 N	045.62 E	290083	309
2143605315	01/07/79	169	32	20017	S	19.42	147.91	10	EEFE	NO	CCCL	LLLL	40.17 N	064.25 E	290083	398
2141805310	01/27/79	169	32	19766	D	20.58	149.50	100	FEZE	NO	CCCL	LLLL	40.17 N	064.26 E	290083	97
2141705252	01/12/79	168	32	19752	D	20.71	149.54	40	EEFP	NO	CCCL	LLLL	40.17 N	065.69 E	290083	454
2143305143	01/07/79	166	32	19975	S	19.47	148.26	0	EEFE	NO	CCCL	LLLL	40.17 N	068.55 E	290083	341
2140514353	01/18/79	13	32	19590	D	22.62	149.72	100	FEFE	NO	CCCL	LLLL	40.17 N	071.97 W	290083	703
2141115101	01/12/79	19	32	19674	D	21.55	149.71	100	EEFF	NO	CCCL	LLLL	40.17 N	080.56 W	290083	243
2139315092	01/18/79	19	32	19423	D	25.28	149.11	60	FEFE	NO	CCCL	LLLL	40.17 N	080.57 W	290083	689
2142915110	01/12/79	19	32	19925	S	19.61	148.63	100	EEEE	NO	CCCL	LLLL	40.17 N	080.58 W	290083	510
2139515210	01/28/79	21	32	19451	D	24.79	149.27	100	EEPE	NO	CCCL	LLLL	40.17 N	083.43 W	290083	594
2132315175	01/07/79	21	32	18447	D	44.84	129.27	0	EEEE	NO	CCCL	LLLL	40.17 N	083.44 W	290083	2
2143115223	01/28/79	21	32	19953	S	19.53	148.42	NA	MMMM	NO	CCCL	LLLL	40.17 N	083.44 W	0	0
2145015290	01/27/79	22	32	20218	D	20.13	145.88	10	EEEE	NO	CCCL	LLLL	40.17 N	084.87 W	290084	56
2141515332	01/21/79	23	32	19730	D	20.96	149.59	100	EFEE	NO	CCCL	LLLL	40.17 N	086.30 W	290083	481
2143315340	01/07/79	23	32	19981	S	19.47	148.20	70	EEEE	NO	CCCL	LLLL	40.17 N	086.30 W	290083	362
2145115344	01/27/79	23	32	20232	D	20.21	145.75	100	EEEE	NO	CCCL	LLLL	40.17 N	086.32 W	290084	62
2141715445	01/27/79	25	32	19758	D	20.68	149.51	10	EEEE	NO	CCCL	LLLL	40.17 N	089.19 W	290083	224
2140015495	01/28/79	26	32	19521	D	23.66	149.56	NA	MMMM	NO	CCCL	LLLL	40.17 N	090.63 W	0	0
2140115554	01/27/79	27	32	19535	D	23.43	149.61	100	EEFE	NO	CCCL	LLLL	40.17 N	092.05 W	290083	209
2141915563	01/13/79	27	32	19786	D	20.44	149.40	60	FEFE	NO	CCCL	LLLL	40.17 N	092.05 W	290083	523
2140616243	01/13/79	32	32	19605	D	22.42	149.73	30	FEFE	NO	CCCL	LLLL	40.17 N	099.22 W	290083	138
2140916420	01/13/79	35	32	19647	D	21.89	149.72	50	FEFE	NO	CCCL	LLLL	40.17 N	103.51 W	290083	145
2142716424	01/21/79	35	32	19898	S	19.71	148.81	40	EEEE	NO	CCCL	LLLL	40.17 N	103.53 W	290083	762
2142816483	01/13/79	36	32	19912	S	19.64	148.73	20	EEEE	NO	CCCL	LLLL	40.17 N	104.97 W	290083	429
2141116533	01/06/79	37	32	19675	D	21.54	149.70	30	EEFF	NO	CCCL	LLLL	40.17 N	106.38 W	290083	269
2142916541	01/13/79	37	32	19926	S	19.61	148.62	60	EEEE	NO	CCCL	LLLL	40.17 N	106.39 W	290083	550
2143017000	01/13/79	38	32	19940	S	19.56	148.52	50	EFEE	NO	CCCL	LLLL	40.17 N	107.84 W	290083	165
2143317172	01/07/79	41	32	19982	S	19.45	148.20	0	EEEE	NO	CCCL	LLLL	40.17 N	112.14 W	290083	375
2141617222	01/03/79	42	32	19745	D	20.81	149.54	0	EEFF	NO	CCCL	LLLL	40.17 N	113.57 W	290083	184

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 LANDSAT 2 MSS SENSOR
 FROM 01/11/79 TO 01/31/79

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM NO	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2143417231	01/21/79		42	32	19996	S	19.45	148.08	10	EEEE	NO			CCCL LLLL	40.17 N 113.57 W	290083	496
2143917520	01/18/79		47	32	20066	S	19.47	147.45	10	EEEE	NO			CCCL LLLL	40.17 N 120.72 W	290083	727
2143206520	01/07/79		183	32	19962	S	19.50	148.36	20	FEFE	NO			CCCL LLLL	40.18 N 044.15 E	290083	333
2142906344	01/28/79		180	32	19920	S	19.61	148.67	20	EEFF	NO			CCCL LLLL	40.18 N 048.44 E	290083	618
2143405201	01/18/79		167	32	19989	S	19.44	148.15	90	EEZE	NO			CCCL LLLL	40.18 N 067.10 E	290083	768
2143205084	01/07/79		165	32	19961	S	19.49	148.37	60	EEFE	NO			CCCL LLLL	40.18 N 069.98 E	290083	327
2142614534	01/08/79		16	32	19883	S	19.77	148.92	10	EEFE	NO			CCCL LLLL	40.18 N 076.31 W	290083	63
2143215403	01/27/79		24	32	20246	D	20.33	145.57	100	EEEE	NO			CCCL LLLL	40.18 N 087.76 W	290084	68
2139215382	01/27/79		24	32	19493	D	24.10	149.46	100	EEEE	NO			CCCL LLLL	40.18 N 087.77 W	290083	196
2145315462	01/27/79		25	32	20260	D	20.43	145.43	0	EEEE	NO			CCCL LLLL	40.18 N 089.20 W	290084	79
2141815504	01/13/79		25	32	19772	D	20.55	149.47	10	EEEE	NO			CCCL LLLL	40.18 N 090.64 W	290083	150
2144316315	01/27/79		33	32	20121	S	19.59	146.92	100	EEFF	NO			CCCL LLLL	40.18 N 100.67 W	290083	813
2143217113	01/27/79		40	32	19968	S	19.50	148.30	30	EEEE	NO			CCCL LLLL	40.18 N 110.72 W	290083	232
2145106580	01/27/79		184	31	20227	S	19.19	146.42	70	EEFE	NO			CCCL LLLL	41.58 N 043.27 E	290084	16
2145105144	01/27/79		166	31	20226	S	19.18	146.43	40	EEEE	NO			CCCL LLLL	41.58 N 069.08 E	290084	10
2141803472	01/27/79		151	31	19765	S	19.53	150.11	90	FEZE	NO			CCCL LLLL	41.58 N 090.59 E	290083	96
2143603481	01/07/79		151	31	20016	S	18.37	148.53	0	EEFE	NO			CCCL LLLL	41.58 N 090.59 E	290083	397
2139203002	01/21/79		143	31	19402	D	24.58	149.70	0	EEPE	NO			CCCL LLLL	41.58 N 102.09 E	290083	659
2142516304	01/27/79		33	31	19870	S	18.81	149.58	80	EEEE	NO			CCCL LLLL	41.58 N 100.11 W	290083	122
2142616363	01/08/79		34	31	19884	S	18.73	149.51	10	EEEE	NO			CCCL LLLL	41.58 N 101.56 W	290083	80
2143306572	01/07/79		184	31	19976	S	18.43	148.85	90	FEFF	NO			CCCL LLLL	41.59 N 043.26 E	290083	348
2143106455	01/07/79		182	31	19948	S	18.49	149.07	30	EEFE	NO			CCCL LLLL	41.59 N 046.12 E	290083	308
2143305140	01/07/79		166	31	19975	S	18.41	148.87	0	EEFE	NO			CCCL LLLL	41.59 N 069.07 E	290083	340
2139903405	01/06/79		150	31	19500	D	22.90	150.19	0	EEEE	NO			CCCL LLLL	41.59 N 092.03 E	290083	248
2140514351	01/18/79		13	31	19590	D	21.55	150.38	100	FEFE	NO			CCCL LLLL	41.59 N 071.47 W	290083	702
2139315090	01/18/79		19	31	19423	D	24.21	149.83	90	EEEE	NO			CCCL LLLL	41.59 N 080.06 W	290083	688
2141115095	01/12/79		19	31	19674	D	20.48	150.34	100	EEFE	NO			CCCL LLLL	41.59 N 080.06 W	290083	242
2142915103	01/12/79		19	31	19925	S	18.55	149.25	100	EEEE	NO			CCCL LLLL	41.59 N 080.07 W	290083	509
2132315173	01/07/79		21	31	18447	D	44.15	130.81	10	EEEE	NO			CCCL LLLL	41.59 N 082.93 W	290083	1
2139515203	01/28/79		21	31	19451	D	23.72	149.98	100	EEPE	NO			CCCL LLLL	41.59 N 082.93 W	290083	593
2143115221	01/28/79		21	31	19953	S	18.46	149.03	NA	M666	NO			CCCL LLLL	41.59 N 082.94 W	0	0
2145015283	01/27/79		22	31	20218	S	19.12	146.52	0	EEEE	NO			CCCL LLLL	41.59 N 084.36 W	290084	55
2141515330	01/21/79		23	31	19730	S	19.88	150.22	NA	2222	NO			CCCL LLLL	41.59 N 085.79 W	0	0
2143315334	01/07/79		23	31	19981	S	18.42	148.81	80	EEEE	NO			CCCL LLLL	41.59 N 085.80 W	290083	361
2145115342	01/27/79		23	31	20232	S	19.21	146.38	90	EEEE	NO			CCCL LLLL	41.59 N 085.81 W	290084	61
2141715443	01/27/79		25	31	19758	S	19.60	150.13	10	EEEE	NO			CCCL LLLL	41.59 N 088.68 W	290083	223
2145315455	01/27/79		25	31	20260	S	19.44	146.07	10	EEEE	NO			CCCL LLLL	41.59 N 088.69 W	290084	78
2140015493	01/28/79		26	31	19521	D	22.59	150.25	NA	MMMM	NO			CCCL LLLL	41.59 N 090.12 W	0	0
2140115551	01/27/79		27	31	19535	D	22.35	150.28	100	EEEE	NO			CCCL LLLL	41.59 N 091.54 W	290083	208
2141915560	01/13/79		27	31	19786	S	19.36	150.03	80	FFEE	NO			CCCL LLLL	41.59 N 091.55 W	290083	522

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2140416124	01/21/79	30	31	19577	D	21.74	150.36	NA	MMMM	NO			CCCL LLLL 41.59 N	095.83 W	0	0
2140616241	01/13/79	32	31	19605	D	21.34	150.39	20	FFFF	NO			CCCL LLLL 41.59 N	098.70 W	290083	137
2144316312	01/27/79	33	31	20121	S	18.56	147.54	100	EEEE	NO			CCCL LLLL 41.59 N	100.16 W	290083	812
2140516413	01/13/79	35	31	19647	D	20.81	150.37	100	FFFF	NO			CCCL LLLL 41.59 N	103.01 W	290083	144
2142816480	01/13/79	36	31	19912	S	18.58	149.34	10	EEEE	NO			CCCL LLLL 41.59 N	104.46 W	290083	428
2142916535	01/13/79	37	31	19926	S	18.55	149.23	70	EEEE	NO			CCCL LLLL 41.59 N	105.88 W	290083	549
2143016594	01/13/79	38	31	19940	S	17.51	149.12	70	FFFF	NO			CCCL LLLL 41.59 N	107.32 W	290083	164
2141617220	01/03/79	42	31	19745	S	19.74	150.17	10	FFFF	NO			CCCL LLLL 41.59 N	113.06 W	290083	183
2143417224	01/21/79	42	31	19996	S	18.39	148.69	20	EEEE	NO			CCCL LLLL 41.59 N	113.07 W	290083	495
2143917514	01/18/79	47	31	20066	S	18.44	148.06	90	EEEE	NO			CCCL LLLL 41.59 N	120.22 W	290083	726
2143206513	01/07/79	183	31	19962	S	18.44	148.97	30	EEEE	NO			CCCL LLLL 41.60 N	044.66 E	290083	332
2142906341	01/28/79	180	31	19920	S	18.56	149.28	50	EEEE	NO			CCCL LLLL 41.60 N	048.95 E	290083	617
2143405195	01/18/79	187	31	19989	S	18.39	148.76	90	EEEE	NO			CCCL LLLL 41.60 N	067.60 E	290083	767
2143205082	01/07/79	165	31	19961	S	18.44	148.98	30	FFFF	NO			CCCL LLLL 41.60 N	070.48 E	290083	326
2143105023	01/07/79	164	31	19947	S	18.46	149.09	90	EEEE	NO			CCCL LLLL 41.60 N	071.90 E	290083	305
2141703413	01/12/79	150	31	19751	S	19.66	150.17	20	EEP2	NO			CCCL LLLL 41.60 N	092.00 E	290083	453
2142614531	01/08/79	16	31	19883	S	18.71	149.52	40	EEEE	NO			CCCL LLLL 41.60 N	075.79 W	290083	62
2139815375	01/27/79	24	31	19493	D	23.02	150.15	100	EEEE	NO			CCCL LLLL 41.60 N	087.26 W	290083	195
2145215400	01/27/79	24	31	20246	S	19.33	146.21	100	EEEE	NO			CCCL LLLL 41.60 N	087.26 W	290084	67
2141815502	01/12/79	26	31	19772	S	19.47	150.09	10	EEEE	NO			CCCL LLLL 41.60 N	090.13 W	290083	149
2142716422	01/21/79	35	31	19898	S	18.65	149.42	60	EEEE	NO			CCCL LLLL 41.60 N	103.03 W	290083	761
2143317170	01/07/79	41	31	19982	S	18.40	148.81	20	EEEE	NO			CCCL LLLL 41.60 N	111.64 W	290083	374
2145106573	01/27/79	184	30	20227	S	18.17	147.06	50	EEEE	NO			CCCL LLLL 42.99 N	043.81 E	290084	15
2145006515	01/27/79	183	30	20213	S	18.09	147.19	10	EEEE	NO			CCCL LLLL 42.99 N	045.25 E	290084	3
2142516302	01/27/79	33	30	19870	S	17.74	150.19	10	EEEE	NO			CCCL LLLL 42.99 N	099.59 W	290083	121
2145105142	01/27/79	166	30	20226	S	18.16	147.07	10	EEEE	NO			CCCL LLLL 43.00 N	069.61 E	290084	9
2145005083	01/27/79	165	30	20212	S	18.06	147.22	NA	MMMM	NO			CCCL LLLL 43.00 N	071.04 E	0	0
2141900261	01/27/79	116	30	19777	S	18.36	150.68	80	EEEE	NO			CCCL LLLL 43.00 N	141.33 E	290083	103
2139315083	01/18/79	19	30	19423	D	23.13	150.54	90	EEEE	NO			CCCL LLLL 43.00 N	079.53 W	290083	687
2141115092	01/12/79	19	30	19674	S	19.40	150.98	100	F6FE	NO			CCCL LLLL 43.00 N	079.54 W	290083	241
2145015281	01/27/79	22	30	20218	S	18.11	147.15	10	EEEE	NO			CCCL LLLL 43.00 N	083.84 W	290084	54
2141515323	01/21/79	23	30	19730	S	18.80	150.84	NA	MMMM	NO			CCCL LLLL 43.00 N	085.27 W	0	0
2140115545	01/27/79	27	30	19535	D	21.28	150.95	90	EEEE	NO			CCCL LLLL 43.00 N	091.00 W	290083	207
2140416121	01/21/79	30	30	19577	D	20.65	151.02	NA	MMMM	NO			CCCL LLLL 43.00 N	095.31 W	0	0
2140616234	01/13/79	32	30	19605	D	20.26	151.04	90	FFFF	NO			CCCL LLLL 43.00 N	098.18 W	290083	136
2142616361	01/08/79	34	30	19884	S	17.67	150.11	10	EEEE	NO			CCCL LLLL 43.00 N	101.03 W	290083	79
2143016591	01/13/79	38	30	19940	S	17.44	149.73	80	FFFF	NO			CCCL LLLL 43.00 N	106.79 W	290083	163
2143306565	01/07/79	184	30	19976	S	17.36	149.46	90	EEEE	NO			CCCL LLLL 43.01 N	043.78 E	290083	347
2143106452	01/07/79	182	30	19948	S	17.42	149.67	10	EEEE	NO			CCCL LLLL 43.01 N	046.64 E	290083	307
2143305134	01/07/79	166	30	19975	S	17.35	149.47	0	EEEE	NO			CCCL LLLL 43.01 N	069.59 E	290083	339

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2140514344	01/18/79	13	30	19590	D	20.46	151.03	100	EEEE	NO		CCCL	LLLL	43.01 N	070.94 W	290083	701
2142614525	01/08/79	16	30	19883	S	17.65	150.12	50	EEEE	NO		CCCL	LLLL	43.01 N	075.26 W	290083	61
2143315331	01/07/79	23	30	19981	S	17.36	149.42	80	EEEE	NO		CCCL	LLLL	43.01 N	085.28 W	290083	360
2145115335	01/27/79	23	30	20232	S	18.19	147.01	50	EEEE	NO		CCCL	LLLL	43.01 N	085.28 W	290084	60
2139815373	01/27/79	24	30	19493	D	21.95	150.84	100	EEEE	NO		CCCL	LLLL	43.01 N	086.73 W	290083	194
2145215394	01/27/79	24	30	20246	S	18.32	146.85	100	EFEF	NO		CCCL	LLLL	43.01 N	086.73 W	290084	66
2145315453	01/27/79	25	30	20260	S	18.44	146.70	30	EEEE	NO		CCCL	LLLL	43.01 N	088.15 W	290084	77
2141715440	01/27/79	25	30	19758	S	18.52	150.76	40	EEEE	NO		CCCL	LLLL	43.01 N	088.16 W	290083	222
2140015490	01/28/79	26	30	19521	D	21.50	150.91	100	E222	NO		CCCL	LLLL	43.01 N	089.60 W	290083	597
2141815495	01/13/79	26	30	19772	S	18.39	150.70	10	EEEE	NO		CCCL	LLLL	43.01 N	089.61 W	290083	148
2141915554	01/13/79	27	30	19786	S	18.28	150.65	90	EEEE	NO		CCCL	LLLL	43.01 N	091.03 W	290083	521
2144316310	01/27/79	33	30	20121	S	17.53	148.16	80	EEPF	NO		CCCL	LLLL	43.01 N	099.64 W	290083	811
2140916411	01/13/79	35	30	19647	S	19.72	151.01	100	FFFF	NO		CCCL	LLLL	43.01 N	102.50 W	290083	143
2142716415	01/21/79	35	30	19898	S	17.57	150.03	70	EEEE	NO		CCCL	LLLL	43.01 N	102.51 W	290083	760
2142816474	01/13/79	36	30	19912	S	17.52	149.94	10	EEEE	NO		CCCL	LLLL	43.01 N	103.94 W	290083	427
2142916532	01/13/79	37	30	19926	S	17.48	149.83	90	EEEE	NO		CCCL	LLLL	43.01 N	105.36 W	290083	548
2141617213	01/03/79	42	30	19745	S	18.66	150.79	30	FEEE	NO		CCCL	LLLL	43.01 N	112.53 W	290083	182
2143417222	01/21/79	42	30	19996	S	17.33	149.30	80	EEEE	NO		CCCL	LLLL	43.01 N	112.55 W	290083	494
2143917511	01/18/79	47	30	20066	S	17.40	148.66	80	EEEE	NO		CCCL	LLLL	43.01 N	119.70 W	290083	725
2143206511	01/07/79	183	30	19962	S	17.38	149.57	20	EEFF	NO		CCCL	LLLL	43.02 N	045.18 E	290083	331
2143405192	01/18/79	167	30	19989	S	17.33	149.37	100	FEFF	NO		CCCL	LLLL	43.02 N	068.13 E	290083	766
2143205075	01/07/79	165	30	19961	S	17.38	149.56	30	EEFE	NO		CCCL	LLLL	43.02 N	071.00 E	290083	325
2143105020	01/07/79	164	30	19947	S	17.40	149.69	90	EEFE	NO		CCCL	LLLL	43.02 N	072.42 E	290083	304
2143317163	01/07/79	41	30	19982	S	17.35	149.41	30	222E	NO		CCCL	LLLL	43.02 N	111.12 W	290083	373
2119604453	01/21/79	163	30	16670	D	49.88	123.28	NA	MMMM	NO		CCCL	LLLL	43.04 N	073.80 E	0	0
2145006512	01/27/79	183	29	20213	S	17.06	147.83	80	EEFE	NO		CCCL	LLLL	44.40 N	045.80 E	290084	2
2145106571	01/27/79	184	29	20227	S	17.15	147.64	90	FFFF	NO		CCCL	LLLL	44.41 N	044.36 E	290084	14
2145105135	01/27/79	166	29	20226	S	17.13	147.71	10	EEEE	NO		CCCL	LLLL	44.41 N	070.16 E	290084	8
2140115543	01/27/79	27	29	19535	D	20.19	151.62	100	EEEE	NO		CCCL	LLLL	44.41 N	090.45 W	290083	206
2142516295	01/27/79	33	29	19870	S	16.66	150.80	0	FEEE	NO		CCCL	LLLL	44.41 N	099.05 W	290083	120
2142616354	01/08/79	34	29	19884	S	16.59	150.71	80	2EFF	NO		CCCL	LLLL	44.41 N	100.50 W	290083	78
2144107424	01/27/79	192	29	20086	S	16.38	149.09	40	EEEP	NO		CCCL	LLLL	44.42 N	032.84 E	290083	801
2141707072	01/12/79	186	29	19753	S	17.48	151.40	80	EE2P	NO		CCCL	LLLL	44.42 N	041.45 E	290083	456
2143407022	01/18/79	185	29	19990	S	16.28	149.95	90	EE2E	NO		CCCL	LLLL	44.42 N	042.88 E	290083	771
2143306563	01/07/79	184	29	19976	S	16.30	150.06	90	EEEE	NO		CCCL	LLLL	44.42 N	044.31 E	290083	346
2143106450	01/07/79	182	29	19948	S	16.35	150.28	10	EEFE	NO		CCCL	LLLL	44.42 N	047.18 E	290083	306
2143305131	01/07/79	166	29	19975	S	16.29	150.08	0	EEFF	NO		CCCL	LLLL	44.42 N	070.13 E	290083	338
2144404333	01/27/79	159	29	20128	S	16.51	148.71	20	FFFF	NO		CCCL	LLLL	44.42 N	080.17 E	290083	818
2140514342	01/18/79	13	29	19590	S	19.38	151.68	30	FEEE	NO		CCCL	LLLL	44.42 N	070.38 W	290083	700
2142614522	01/08/79	16	29	19883	S	16.58	150.73	40	EEEE	NO		CCCL	LLLL	44.42 N	074.71 W	290083	60

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2145015274	01/27/79	22	29	20218	S	17.06	147.78	20	EEEE	NO	CCCL	LLLL	44.42 N	083.29 W	290084	53
2141515321	01/21/79	23	29	19730	S	17.71	151.47	NA	MMMM	NO	CCCL	LLLL	44.42 N	084.75 W	0	0
2143315325	01/07/79	23	29	19981	S	16.29	150.02	90	EEEE	NO	CCCL	LLLL	44.42 N	084.75 W	290083	359
2145115333	01/27/79	23	29	20232	S	17.17	147.65	10	EEEE	NO	CCCL	LLLL	44.42 N	084.75 W	290084	59
2139815370	01/27/79	24	29	19493	D	20.86	151.52	70	EEEE	NO	CCCL	LLLL	44.42 N	086.17 W	290083	193
2140416115	01/21/79	30	29	19577	S	19.57	151.67	100	EEEE	NO	CCCL	LLLL	44.42 N	094.77 W	290083	751
2140616232	01/13/79	32	29	19605	S	19.17	151.68	90	EEFE	NO	CCCL	LLLL	44.42 N	097.64 W	290083	135
2140916404	01/13/79	35	29	19647	S	18.63	151.65	90	FFFF	NO	CCCL	LLLL	44.42 N	101.95 W	290083	142
2142916530	01/13/79	37	29	19926	S	16.41	150.44	100	EEEE	NO	CCCL	LLLL	44.42 N	104.02 W	290083	547
2143016585	01/13/79	38	29	19940	S	16.38	150.33	90	FFFE	NO	CCCL	LLLL	44.42 N	106.25 W	290083	162
2141617211	01/03/79	42	29	19745	S	17.57	151.41	30	FFFE	NO	CCCL	LLLL	44.42 N	111.90 W	290083	181
2143917505	01/18/79	47	29	20066	S	16.36	149.27	10	EEEE	NO	CCCL	LLLL	44.42 N	119.10 W	290083	724
2142207361	01/07/79	191	29	19823	S	16.92	151.09	NA	MMMM	NO	CCCL	LLLL	44.43 N	034.27 E	0	0
2142007244	01/08/79	189	29	19795	S	17.12	151.23	90	EEEE	NO	CCCL	LLLL	44.43 N	037.13 E	290083	46
2143707193	01/07/79	188	29	20032	S	16.27	149.61	90	EEPE	NO	CCCL	LLLL	44.43 N	038.55 E	290083	410
2141907185	01/27/79	188	29	19781	S	17.22	151.29	100	FEPE	NO	CCCL	LLLL	44.43 N	038.56 E	290083	110
2143507080	01/18/79	186	29	20004	S	16.28	149.83	90	FEFE	NO	CCCL	LLLL	44.43 N	041.44 E	290083	779
2143206504	01/07/79	183	29	19962	S	16.31	150.18	90	EEFE	NO	CCCL	LLLL	44.43 N	045.73 E	290083	330
2143205073	01/07/79	165	29	19961	S	16.32	150.19	30	EEFE	NO	CCCL	LLLL	44.43 N	071.55 E	290083	324
2143004555	01/28/79	163	29	19933	S	16.37	150.40	40	FE2E	NO	CCCL	LLLL	44.43 N	074.41 E	290083	620
2140314224	01/12/79	11	29	19562	S	19.76	151.67	100	FEFF	NO	CCCL	LLLL	44.43 N	067.54 W	290083	240
2145215391	01/27/79	24	29	20246	S	17.30	147.50	100	EEEE	NO	CCCL	LLLL	44.43 N	086.19 W	290084	65
2141715434	01/27/79	25	29	19758	S	17.43	151.38	50	EEEE	NO	CCCL	LLLL	44.43 N	087.63 W	290083	221
2140015484	01/28/79	26	29	19521	D	20.42	151.59	NA	MMMM	NO	CCCL	LLLL	44.43 N	089.05 W	0	0
2141815493	01/13/79	26	29	19772	S	17.31	151.32	0	EEFF	NO	CCCL	LLLL	44.43 N	089.06 W	290083	147
2141915551	01/13/79	27	29	19786	S	17.19	151.26	100	FE2L	NO	CCCL	LLLL	44.43 N	090.50 W	290083	520
2144316303	01/27/79	33	29	20121	S	16.49	148.77	10	EEPF	NO	CCCL	LLLL	44.43 N	099.09 W	290083	810
2142716413	01/21/79	35	29	19898	S	16.50	150.64	60	EEEE	NO	CCCL	LLLL	44.43 N	101.97 W	290083	759
2142816471	01/13/79	36	29	19912	S	16.45	150.54	0	EEEE	NO	CCCL	LLLL	44.43 N	103.40 W	290083	426
2143317161	01/07/79	41	29	19982	S	16.29	150.02	30	EEEE	NO	CCCL	LLLL	44.43 N	110.58 W	290083	372
2143417215	01/21/79	42	29	19996	S	16.27	149.91	90	EEEE	NO	CCCL	LLLL	44.43 N	112.01 W	290083	493
2142307420	01/06/79	192	29	19837	S	16.81	151.02	100	EEFE	NO	CCCL	LLLL	44.44 N	032.81 E	290083	302
2143807252	01/13/79	189	29	20046	S	16.27	149.50	90	EEEE	NO	CCCL	LLLL	44.44 N	037.11 E	290083	569
2143105014	01/07/79	164	29	19947	S	16.33	150.30	100	EEFE	NO	CCCL	LLLL	44.44 N	072.97 E	290083	303
2119604451	01/21/79	163	29	16670	D	49.35	125.18	NA	MMMM	NO	CCCL	LLLL	44.46 N	074.35 E	0	0
2145106564	01/27/79	184	28	20227	S	16.12	148.33	100	EEEE	NO	CCCL	LLLL	45.81 N	044.93 E	290084	13
2142516293	01/27/79	33	28	19870	S	15.59	151.40	0	EEEE	NO	CCCL	LLLL	45.82 N	098.50 W	290083	119
2144107421	01/27/79	192	28	20088	S	15.33	149.70	100	EEFF	NO	CCCL	LLLL	45.83 N	033.41 E	290083	800
2141707065	01/12/79	186	28	19753	S	16.38	152.02	30	EE2P	NO	CCCL	LLLL	45.83 N	042.01 E	290083	455
2143407015	01/18/79	185	28	19990	S	15.22	150.56	100	FE2E	NO	CCCL	LLLL	45.83 N	043.45 E	290083	770

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2140514335	01/18/79	13	28	19590	S	18.29	152.33	10	EEEE	NO	CCCL	LLLL	45.83 N	069.81 W	290083	699
2145015272	01/27/79	22	28	20218	S	16.06	148.41	30	EEEE	NO	CCCL	LLLL	45.83 N	082.72 W	290084	52
2145115330	01/27/79	23	28	20232	S	16.15	148.28	30	EEEE	NO	CCCL	LLLL	45.83 N	084.17 W	290084	58
2139815364	01/27/79	24	28	19493	S	19.76	152.20	80	EEEE	NO	CCCL	LLLL	45.83 N	085.60 W	290083	192
2140416112	01/21/79	30	28	19577	S	18.47	152.33	70	EEEE	NO	CCCL	LLLL	45.83 N	094.20 W	290083	750
2140616230	01/15/79	32	28	19605	S	18.08	152.33	90	FFEF	NO	CCCL	LLLL	45.83 N	097.08 W	290083	134
2142616351	01/08/79	34	28	19884	S	15.50	151.33	70	2EFF	NO	CCCL	LLLL	45.83 N	099.93 W	290083	77
2143016582	01/13/79	38	28	19940	S	15.31	150.94	90	FFFE	NO	CCCL	LLLL	45.83 N	105.68 W	290083	161
2141617204	01/03/79	42	28	19745	S	16.48	152.03	30	FEFE	NO	CCCL	LLLL	45.83 N	111.42 W	290083	180
2143917502	01/18/79	47	28	20066	S	15.30	149.89	10	EEEE	NO	CCCL	LLLL	45.83 N	118.59 W	290083	723
2144407593	01/27/79	195	28	20130	S	15.48	149.31	40	FEFF	NO	CCCL	LLLL	45.84 N	029.10 E	290083	827
2142207355	01/07/79	191	28	19823	S	15.84	151.70	NA	MMMM	NO	CCCL	LLLL	45.84 N	034.83 F		0
2142107300	01/06/79	190	28	19809	S	15.93	151.77	90	EEFE	NO	CCCL	LLLL	45.84 N	036.26 E	290083	287
2143507074	01/18/79	186	28	20004	S	15.22	150.44	100	EEFF	NO	CCCL	LLLL	45.84 N	042.00 E	290083	778
2143306566	01/07/79	184	28	19976	S	15.23	150.67	90	FEPE	NO	CCCL	LLLL	45.84 N	044.88 E	290083	365
2140314222	01/12/79	11	28	19562	S	18.66	152.34	100	EEFE	NO	CCCL	LLLL	45.84 N	066.98 W	290083	239
2143315322	01/07/79	23	28	19981	S	15.22	150.63	90	EEEE	NO	CCCL	LLLL	45.84 N	084.18 W	290083	356
2145215385	01/27/79	24	28	20246	S	16.27	148.14	100	EEEE	NO	CCCL	LLLL	45.84 N	085.62 W	290084	64
2141715431	01/27/79	25	28	19758	S	16.34	152.00	20	EEFF	NO	CCCL	LLLL	45.84 N	087.06 W	290083	220
2141815490	01/13/79	26	28	19772	S	16.22	151.94	0	EE66	NO	CCCL	LLLL	45.84 N	088.50 W	290083	146
2141915545	01/13/79	27	28	19786	S	16.10	151.88	90	FFEE	NO	CCCL	LLLL	45.84 N	089.92 W	290083	519
2144316301	01/27/79	33	28	20121	S	15.45	149.39	10	EEFF	NO	CCCL	LLLL	45.84 N	098.53 W	290083	809
2140916402	01/13/79	35	28	19647	S	17.53	152.29	10	EFEE	NO	CCCL	LLLL	45.84 N	101.39 W	290083	141
2142816465	01/13/79	36	28	19912	S	15.37	151.15	0	EEEE	NO	CCCL	LLLL	45.84 N	102.83 W	290083	425
2142916523	01/13/79	37	28	19926	S	15.34	151.05	100	EEEE	NO	CCCL	LLLL	45.84 N	104.26 W	290083	546
2143317154	01/07/79	41	28	19982	S	15.22	150.62	30	EEEE	NO	CCCL	LLLL	45.84 N	110.01 W	290083	371
2143417213	01/21/79	42	28	19996	S	15.21	150.51	80	EEEE	NO	CCCL	LLLL	45.84 N	111.44 W	290083	492
2140117372	01/27/79	45	28	19536	S	19.07	152.30	90	EEEE	NO	CCCL	LLLL	45.84 N	115.73 W	290083	219
2141917380	01/14/79	45	28	19787	S	16.10	151.87	100	FEFE	NO	CCCL	LLLL	45.84 N	115.75 W	290083	741
2142307413	01/06/79	192	28	19837	S	15.73	151.63	100	EEFE	NO	CCCL	LLLL	45.85 N	033.37 E	290083	301
2142007247	01/08/79	189	28	19795	S	16.03	151.84	90	EFFE	NO	CCCL	LLLL	45.85 N	037.68 E	290083	45
2143807250	01/13/79	189	28	20046	S	15.22	150.09	100	EEEE	NO	CCCL	LLLL	45.85 N	037.68 E	290083	568
2143707191	01/07/79	188	28	20032	S	15.21	150.21	90	EE2E	NO	CCCL	LLLL	45.85 N	039.11 E	290083	409
2141907183	01/27/79	188	28	19781	S	16.14	151.91	90	FE2E	NO	CCCL	LLLL	45.85 N	039.12 E	290083	109
2142716410	01/21/79	35	28	19898	S	15.43	151.25	50	EEEE	NO	CCCL	LLLL	45.85 N	101.41 W	290083	758
2119604444	01/21/79	163	28	16670	D	48.78	127.06	NA	MMMM	NO	CCCL	LLLL	45.87 N	074.91 E		0
2142516290	01/27/79	33	27	19870	S	14.51	152.01	10	EEEE	NO	CCCL	LLLL	47.23 N	097.90 W	290083	118
2144407591	01/27/79	195	27	20130	S	14.44	149.92	0	EEFF	NO	CCCL	LLLL	47.24 N	029.69 E	290083	826
2144107415	01/27/79	192	27	20088	S	14.26	150.32	90	FEFF	NO	CCCL	LLLL	47.24 N	034.01 E	290083	799
2143407013	01/18/79	185	27	19990	S	14.15	151.17	100	EE2F	NO	CCCL	LLLL	47.24 N	044.04 E	290083	769

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FROM 01/01/79 TO 01/31/79

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SFCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM NO	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2140514333	01/18/79	13	27	19590	S	17.19	153.00	10	EEEE	NO		CCCL	LLLL	47.24 N	069.22 W	290083	698
2139815361	01/27/79	24	27	19493	S	18.67	152.89	70	EEEE	NO		CCCL	LLLL	47.24 N	085.01 W	290083	191
2140416110	01/21/79	30	27	19577	S	17.37	153.00	70	EEEE	NO		CCCL	LLLL	47.24 N	093.61 W	290083	749
2142616345	01/08/79	34	27	19824	S	14.40	151.95	20	2FEF	NO		CCCL	LLLL	47.24 N	099.36 W	290083	76
2140017310	01/27/79	44	27	19522	S	18.19	152.95	80	EEEE	NO		CCCL	LLLL	47.24 N	113.69 W	290083	205
2142207352	01/07/79	191	27	19823	S	14.75	152.31	NA	MMMM	NO		CCCL	LLLL	47.25 N	035.42 E		0
2142107294	01/06/79	190	27	19809	S	14.84	152.39	100	EEFE	NO		CCCL	LLLL	47.25 N	036.84 E	290083	286
2143807243	01/13/79	189	27	20046	S	14.16	150.71	100	EEFE	NO		CCCL	LLLL	47.25 N	038.28 E	290083	567
2143707185	01/07/79	168	27	20032	S	14.15	150.82	100	EE2E	NO		CCCL	LLLL	47.25 N	039.71 E	290083	408
2143507071	01/18/79	186	27	20004	S	14.14	151.06	100	EEFE	NO		CCCL	LLLL	47.25 N	042.59 E	290083	777
2143306554	01/07/79	184	27	19976	S	14.16	151.28	100	FEPE	NO		CCCL	LLLL	47.25 N	045.47 E	290083	344
2141715425	01/27/79	25	27	19758	S	15.25	152.62	NA	6666	NO		CCCL	LLLL	47.25 N	086.47 W		0
2140616223	01/13/79	32	27	19605	S	16.98	152.98	20	FFFF	NO		CCCL	LLLL	47.25 N	096.50 W	290083	133
2144516294	01/27/79	33	27	20121	S	14.40	150.01	10	EEEE	NO		CCCL	LLLL	47.25 N	097.94 W	290083	808
2140916395	01/13/79	35	27	19647	S	16.43	152.94	10	EEEE	NO		CCCL	LLLL	47.25 N	100.81 W	290083	140
2142716404	01/21/79	35	27	19898	S	14.35	151.85	70	EEEE	NO		CCCL	LLLL	47.25 N	100.82 W	290083	757
2142816462	01/13/79	36	27	19912	S	14.29	151.76	10	EEEE	NO		CCCL	LLLL	47.25 N	102.25 W	290083	424
2142916521	01/13/79	37	27	19926	S	14.26	151.66	60	EEFE	NO		CCCL	LLLL	47.25 N	103.68 W	290083	545
2143016580	01/13/79	38	27	19940	S	14.22	151.55	90	FEFF	NO		CCCL	LLLL	47.25 N	105.10 W	290083	160
2143317152	01/07/79	41	27	19982	S	14.16	151.23	70	EEEE	NO		CCCL	LLLL	47.25 N	109.42 W	290083	370
2141617202	01/03/79	42	27	19745	S	15.39	152.65	10	FFFE	NO		CCCL	LLLL	47.25 N	110.84 W	290083	179
2143417210	01/21/79	42	27	19996	S	14.15	151.12	90	EEEE	NO		CCCL	LLLL	47.25 N	110.85 W	290083	491
2143617324	01/21/79	44	27	20024	S	14.15	150.88	20	EEEE	NO		CCCL	LLLL	47.25 N	113.72 W	290083	765
2140117365	01/27/79	45	27	19536	S	17.96	152.97	90	EEEE	NO		CCCL	LLLL	47.25 N	115.14 W	290083	218
2141917374	01/14/79	45	27	19787	S	15.01	152.50	90	EEEE	NO		CCCL	LLLL	47.25 N	115.15 W	290083	740
2140217424	01/14/79	46	27	19550	S	17.76	152.98	100	EEFE	NO		CCCL	LLLL	47.25 N	116.58 W	290083	642
2143917500	01/18/79	47	27	20066	S	14.23	150.51	0	EEEE	NO		CCCL	LLLL	47.25 N	118.01 W	290083	722
2142307411	01/06/79	192	27	19837	S	14.64	152.25	100	EEFE	NO		CCCL	LLLL	47.26 N	033.96 E	290083	300
2142007235	01/08/79	189	27	19795	S	14.94	152.46	10	FFPF	NO		CCCL	LLLL	47.26 N	038.27 E	290083	44
2141907180	01/27/79	188	27	19721	S	15.05	152.53	90	FE2E	NO		CCCL	LLLL	47.26 N	039.71 E	290083	108
2145215382	01/27/79	24	27	20246	S	15.23	148.79	90	EEEE	NO		CCCL	LLLL	47.26 N	085.04 W	290084	63
2119604442	01/21/79	163	27	16670	D	48.17	128.92	NA	MMMM	NO		CCCL	LLLL	47.28 N	075.50 E		0
2144407584	01/27/79	195	26	20130	S	13.40	150.54	10	EEFE	NO		CCCL	LLLL	48.64 N	030.32 E	290083	825
2142516284	01/27/79	33	26	19870	S	13.43	152.63	10	EEEE	NO		CCCL	LLLL	48.64 N	097.28 W	290083	117
2139817191	01/21/79	42	26	19494	S	17.55	153.58	30	EEEE	NO		CCCL	LLLL	48.64 N	110.20 W	290083	748
2144808215	01/27/79	199	26	20186	S	13.72	150.83	40	FFEE	NO		CCCL	LLLL	48.65 N	024.58 E	290083	852
2144107412	01/27/79	192	26	20088	S	13.21	150.95	90	EEFF	NO		CCCL	LLLL	48.65 N	034.62 E	290083	798
2143807241	01/13/79	189	26	20046	S	13.09	151.33	100	FEFE	NO		CCCL	LLLL	48.65 N	038.91 E	290083	566
2142616342	01/08/79	34	26	19884	S	13.31	152.57	10	MFEF	NO		CCCL	LLLL	48.65 N	098.75 W	290083	75
2141116510	01/06/79	37	26	19675	S	15.00	153.52	0	EEEE	NO		CCCL	LLLL	48.65 N	103.04 W	290083	268

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 LANDSAT 2 MSS SENSOR
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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELFV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CCM	QLTY QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2145117153	01/27/79	41	26	20233	S	14.10	149.55	90	EEFE	NO		CCCL	LLLL	48.65 N	108.78 W	290084	22
2140017304	01/27/79	44	26	19522	S	17.09	153.63	NA	6666	NO		CCCL	LLLL	48.65 N	113.08 W	0	0
2142908152	01/13/79	198	26	19921	S	13.20	152.31	90	EEEE	NO		CCCL	LLLL	48.66 N	026.00 E	290083	536
2142307404	01/06/79	197	26	14837	S	13.55	152.56	100	EEPE	NO		CCCL	LLLL	48.66 N	034.58 E	290083	299
2142207350	01/07/79	191	26	19823	S	13.66	152.93	NA	MMMM	NO		CCCL	LLLL	48.66 N	036.04 E	0	0
2142107291	01/06/79	190	26	19809	S	13.75	153.01	100	EEFE	NO		CCCL	LLLL	48.66 N	037.45 E	290083	285
2141907174	01/27/79	188	26	19781	S	13.96	153.15	90	FEZE	NO		CCCL	LLLL	48.66 N	040.33 E	290083	107
2143707182	01/07/79	18F	26	20032	S	13.09	151.44	100	FEZE	NO		CCCL	LLLL	48.66 N	040.33 E	290083	407
2140616221	01/13/79	32	26	19605	S	15.84	153.64	30	FEFE	NO		CCCL	LLLL	48.66 N	095.89 W	290083	132
2144316292	01/27/79	33	26	20121	S	13.35	150.63	10	EEFF	NO		CCCL	LLLL	48.66 N	097.32 W	290083	807
2140916393	01/13/79	35	26	19647	S	15.33	153.59	0	EEEE	NO		CCCL	LLLL	48.66 N	100.19 W	290083	139
2142716401	01/21/79	35	26	19898	S	13.26	152.47	NO	EEEE	NO		CCCL	LLLL	48.66 N	100.19 W	290083	756
2142816460	01/13/79	36	26	19912	S	13.21	152.34	10	EEEE	NO		CCCL	LLLL	48.66 N	101.63 W	290083	423
2142916514	01/13/79	37	26	19926	S	13.17	152.28	80	EFEE	NO		CCCL	LLLL	48.66 N	103.07 W	290083	544
2143016573	01/13/79	38	26	19940	S	13.13	152.14	70	FFFF	NO		CCCL	LLLL	48.66 N	104.50 W	290083	159
2143317145	01/07/79	41	26	19982	S	13.08	151.85	60	FEFE	NO		CCCL	LLLL	48.66 N	108.80 W	290083	369
2141617195	01/03/79	42	26	19745	S	14.30	153.29	10	EFEE	NO		CCCL	LLLL	48.66 N	110.23 W	290083	178
2143417204	01/21/79	42	26	19996	S	13.08	151.73	90	FEFE	NO		CCCL	LLLL	48.66 N	110.25 W	290083	490
2143917493	01/18/79	47	26	20066	S	13.16	151.13	10	EEEE	NO		CCCL	LLLL	48.66 N	117.40 W	290083	721
2143108270	01/07/79	200	26	19949	S	13.13	152.11	70	EEFE	NO		CCCL	LLLL	48.67 N	023.11 E	290083	389
2142808094	01/12/79	197	26	19907	S	13.24	152.41	80	EEFE	NO		CCCL	LLLL	48.67 N	027.41 E	290083	466
2119604435	01/21/79	163	26	16670	D	47.53	130.75	NA	MMMM	NO		CCCL	LLLL	48.69 N	076.12 E	0	0
2144407582	01/27/79	195	25	20130	S	12.36	151.18	30	EEFF	NO		CCCL	LLLL	50.04 N	030.98 E	290083	824
2144107410	01/27/79	192	25	20088	S	12.15	151.58	50	FEFF	NO		CCCL	LLLL	50.05 N	035.27 E	290083	797
2143807234	01/13/79	189	25	20046	S	12.02	151.96	100	EEFE	NO		CCCL	LLLL	50.05 N	039.56 E	290083	565
2144808212	01/27/79	199	25	20186	S	12.67	150.67	30	EEEF	NO		CCCL	LLLL	50.06 N	025.21 E	290083	851
2142307402	01/06/79	192	25	19837	S	12.47	153.50	100	EEPE	NO		CCCL	LLLL	50.06 N	035.25 E	290083	298
2142207343	01/07/79	191	25	19823	S	12.56	153.57	NA	MMMM	NO		CCCL	LLLL	50.06 N	036.68 E	0	0
2143707180	01/07/79	188	25	20032	S	12.02	152.07	100	FEZE	NO		CCCL	LLLL	50.06 N	040.98 E	290083	406
2143108263	01/07/79	200	25	19949	S	12.04	152.73	10	FEFE	NO		CCCL	LLLL	50.07 N	023.75 E	290083	388
2142908150	01/13/79	198	25	19921	S	12.11	152.94	60	EEEE	NO		CCCL	LLLL	50.07 N	026.63 E	290083	535
2142808091	01/12/79	197	25	19907	S	12.14	153.04	100	EEFE	NO		CCCL	LLLL	50.07 N	028.06 E	290083	465
2142107284	01/06/79	190	25	19809	S	12.64	153.65	90	EEPE	NO		CCCL	LLLL	50.07 N	038.10 E	290083	284
2141907171	01/27/79	188	25	19781	S	12.86	153.79	100	FEZE	NO		CCCL	LLLL	50.07 N	040.97 E	290083	106
2119604433	01/21/79	163	25	16670	D	46.87	132.53	NA	MMMM	NO		CCCL	LLLL	50.10 N	076.77 E	0	0
2144407581	01/27/79	195	24	20130	S	11.30	151.83	70	EEFF	NO		CCCL	LLLL	51.44 N	031.67 E	290083	823
2144107403	01/27/79	192	24	20088	S	11.09	152.22	90	FEFF	NO		CCCL	LLLL	51.45 N	035.96 E	290083	796
2144808210	01/27/79	199	24	20186	S	11.62	151.33	100	FEFE	NO		CCCL	LLLL	51.46 N	025.89 E	290083	850
2142307395	01/06/79	192	24	19837	S	11.37	154.13	100	EEFE	NO		CCCL	LLLL	51.46 N	035.93 E	290083	297
2143108261	01/07/79	200	24	19949	S	10.95	153.38	30	FEFE	NO		CCCL	LLLL	51.47 N	024.43 E	290083	387

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LANDSAT 2 MSS SENSOR
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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2142908143	01/13/79	198	24	19921	S	11.03	153.57	50	EEEE	NO			CCCL LLLL	51.47 N 027.30 E	290083	534
2142808085	01/12/79	197	24	19907	S	11.05	153.69	40	EEFE	NO			CCCL LLLL	51.47 N 028.75 E	290083	464
2141418505	01/21/79	58	24	19718	S	12.32	154.71	90	EFEE	NO			CCCL LLLL	51.47 N 131.86 W	290083	592
2142521374	01/21/79	67	24	19873	S	11.19	153.91	90	EEPE	NO			CCCL LLLL	51.47 N 173.46 W	290083	755
2119604430	01/21/79	163	24	16670	D	46.17	134.31	NA	MMMM	NO			CCCL LLLL	51.50 N 077.45 E	0	0
2139718552	01/14/79	59	23	19481	S	14.45	155.69	10	PF1E	NO			CCCL LLLL	52.84 N 132.54 W	290083	631
2142521371	01/21/79	67	23	19873	S	10.10	154.57	90	EEPE	NO			CCCL LLLL	52.86 N 172.73 W	290083	754
2141418502	01/21/79	58	23	19718	S	11.21	155.38	90	EEEE	NO			CCCL LLLL	52.87 N 131.15 W	290083	591
2119604424	01/21/79	163	23	16670	D	45.45	136.07	NA	MMMM	NO			CCCL LLLL	52.89 N 078.17 E	0	0
2119803110	01/21/79	147	23	16697	D	45.99	135.83	90	EEFE	NO			CCCL LLLL	52.90 N 101.11 E	290083	744
2139718550	01/14/79	59	22	19481	S	13.34	156.43	30	EFFE	NO			CCCL LLLL	54.23 N 131.78 W	290083	630
2119606253	01/21/79	181	22	16671	D	44.73	137.81	NA	MMMM	NO			CCCL LLLL	54.26 N 053.15 E	0	0
2130703213	01/27/79	148	22	18217	D	41.87	139.27	50	EEFF	NO			CCCL LLLL	54.26 N 100.50 E	290084	47
2141418500	01/21/79	58	22	19718	S	10.10	156.09	90	EEEE	NO			CCCL LLLL	54.26 N 130.39 W	290083	590
2119604421	01/21/79	163	22	16670	D	44.70	137.82	NA	MMMM	NO			CCCL LLLL	54.29 N 078.92 E	0	0
2119803103	01/21/79	147	22	16697	D	45.24	137.62	100	EEPE	NO			CCCL LLLL	54.29 N 101.86 E	290083	743
2139718543	01/14/79	59	21	19481	S	12.23	157.20	10	MEEE	NO			CCCL LLLL	55.62 N 130.97 W	290083	629
2119606251	01/21/79	181	21	16671	D	43.95	139.57	NA	MMMM	NO			CCCL LLLL	55.65 N 053.95 E	0	0
2141418493	01/21/79	58	21	19718	S	08.99	156.81	100	EEFE	NO			CCCL LLLL	55.65 N 129.60 W	290083	589
2119803101	01/21/79	147	21	16697	D	44.46	139.42	100	EEPE	NO			CCCL LLLL	55.68 N 102.67 E	290083	742
2119606244	01/21/79	181	20	16671	D	43.15	141.32	NA	MMMM	NO			CCCL LLLL	57.04 N 054.80 E	0	0
2122321034	01/18/79	83	20	17056	D	49.15	138.30	NA	MMMM	NO			CCCL LLLL	57.05 N 164.63 W	0	0
2139420194	01/14/79	74	19	19440	S	10.69	158.84	40	ZEFE	NO			CCCL LLLL	58.37 N 150.72 W	290083	739
2122321032	01/18/79	83	19	17056	D	48.39	140.38	NA	MMMM	NO			CCCL LLLL	58.43 N 163.72 W	0	0
2139420191	01/14/79	74	18	19440	S	09.56	159.75	10	EEFF	NO			CCCL LLLL	59.74 N 149.75 W	290083	738
2122321025	01/18/79	83	18	17056	D	47.59	142.50	NA	MMMM	NO			CCCL LLLL	59.81 N 162.75 W	0	0
2124419373	01/27/79	68	17	17348	D	48.27	142.77	80	EEEE	NO			CCCL LLLL	61.13 N 140.13 W	290084	39
2122321023	01/18/79	83	17	17056	D	46.76	144.60	NA	MMMM	NO			CCCL LLLL	61.17 N 161.71 W	0	0
2122321021	01/18/79	83	16	17056	D	45.92	146.75	NA	MMMM	NO			CCCL LLLL	62.54 N 160.58 W	0	0
2122321014	01/18/79	83	15	17056	D	45.05	148.92	NA	MMMM	NO			CCCL LLLL	63.89 N 159.35 W	0	0
2122321012	01/18/79	83	14	17056	D	44.15	151.17	NA	MMMM	NO			CCCL LLLL	65.24 N 158.02 W	0	0
2122321005	01/18/79	83	13	17056	D	43.23	153.50	NA	MMMM	NO			CCCL LLLL	66.58 N 156.56 W	0	0
2122321003	01/18/79	83	12	17056	D	42.29	155.93	NA	MMMM	NO			CCCL LLLL	67.90 N 154.92 W	0	0
2122321000	01/18/79	83	11	17056	D	41.34	158.50	NA	MMMM	NO			CCCL LLLL	69.19 N 153.12 W	0	0
2122320594	01/18/79	83	10	17056	D	40.36	161.25	NA	MMMM	NO			CCCL LLLL	70.48 N 151.09 W	0	0
2139208221	01/21/79	197	60	19405	D	49.29	118.56	90	EEFE	NO			CCCL LLLL	00.00 S 013.42 E	290083	664
2138314231	01/07/79	9	60	19283	D	50.28	115.01	70	EEFP	NO			CCCL LLLL	00.00 S 076.90 W	290083	13
2140214295	01/14/79	10	60	19548	D	47.95	121.59	70	EEFE	NO			CCCL LLLL	00.00 S 078.36 W	290083	640
2143207040	01/13/79	183	61	19962	D	44.91	122.44	90	EEEE	NO			CCCL LLLL	01.43 S 033.19 E	290083	587
2145207161	01/27/79	185	61	20241	D	43.80	119.02	70	EEEE	NO			CCCL LLLL	01.44 S 030.27 E	290084	32

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CULTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2144706472	01/27/79	16C	61	20171	D	43.94	120.19	100	EEEE	NO			01.44 S	037.44 E	290083	844
2138314233	01/07/79	9	61	19283	D	50.66	113.30	90	EEFP	NO			01.44 S	077.25 W	290083	14
2140214301	01/14/79	10	61	19548	D	48.49	120.07	60	EFEE	NO			01.44 S	078.69 W	290083	641
2143207043	01/13/79	183	62	19962	D	45.47	121.09	90	EEEF	NO			02.87 S	032.77 E	290083	588
2145207164	01/27/79	185	62	20241	D	44.28	117.70	30	FFFF	NO			02.88 S	029.93 E	290084	33
2144706475	01/27/79	180	62	20171	D	44.45	118.67	90	EEEE	NO			02.88 S	037.10 E	290083	845
2144812032	01/27/79	235	62	20188	D	44.40	118.59	60	EEEE	NO			02.88 S	041.75 W	290083	853
2145207170	01/27/79	185	63	20241	D	44.73	116.35	30	EEEE	NO			04.32 S	029.59 E	290084	34
2144706481	01/27/79	180	63	20171	D	44.92	117.52	100	EEEE	NO			04.32 S	036.76 E	290083	846
2144706484	01/27/79	180	64	20171	D	45.37	116.15	90	EEFE	NO			05.76 S	036.42 E	290083	847
2130701555	01/27/79	130	64	18216	D	42.98	067.28	30	FEFE	NO			05.76 S	108.13 E	290084	43
2144706490	01/27/79	180	65	20171	D	45.77	114.75	90	MFFF	NO			07.20 S	036.08 E	290083	848
2130701561	01/27/79	130	65	18216	D	42.19	066.17	50	EEFE	NO			07.20 S	107.80 E	290084	46
2141914272	01/27/79	9	66	19785	D	48.74	115.22	100	EEZE	NO			08.63 S	079.00 W	290083	116
2138314254	01/07/79	9	66	19283	D	51.89	104.42	50	EEFF	NO			08.65 S	078.93 W	290083	15
2141714164	01/12/79	7	68	19757	D	49.68	111.82	40	EEEP	NO			11.52 S	076.78 W	290083	462
2143514172	01/18/79	7	68	20008	D	47.79	112.12	90	FFFF	NO			11.52 S	076.80 W	290083	789
2143414120	01/13/79	6	69	19994	D	48.19	110.67	100	EEEE	NO			12.95 S	075.71 W	290083	441
2139814103	01/27/79	6	69	19492	D	51.65	105.43	20	EEEE	NO			12.96 S	075.70 W	290083	94
2141714170	01/12/79	7	69	19757	D	49.98	110.16	90	EEE2	NO			12.96 S	077.14 W	290083	463
2143514175	01/18/79	7	69	20008	D	48.09	110.59	60	FFFF	NO			12.96 S	077.15 W	290083	790
2143414123	01/13/79	6	70	19994	D	48.46	109.11	70	EEEE	NO			14.39 S	076.06 W	290083	442
2139814105	01/27/79	6	70	19492	D	51.78	103.64	10	FFEF	NO			14.40 S	076.04 W	290083	95
2143314070	01/07/79	5	71	19980	D	48.79	107.58	20	FEFF	NO			15.83 S	074.98 W	290083	356
2145114074	01/27/79	5	71	20231	D	47.09	104.97	60	FFEE	NO			15.84 S	074.97 W	290084	20
2143113560	01/07/79	3	72	19952	D	49.18	106.08	70	EEFE	NO			17.26 S	072.50 W	290083	392
2141213492	01/06/79	2	72	19687	D	51.04	104.23	70	PPPP	NO			17.27 S	071.04 W	290083	280
2145114081	01/27/79	5	72	20231	D	47.21	103.47	60	FFEE	NO			17.27 S	075.33 W	290084	21
2143314073	01/07/79	5	72	19980	D	48.97	106.00	60	EEFF	NO			17.27 S	075.34 W	290083	357
2145207211	01/27/79	185	73	20241	D	47.22	101.83	90	EEFE	NO			18.71 S	026.12 E	290084	35
2144411445	01/27/79	231	73	20132	D	47.97	103.37	100	FFEE	NO			18.71 S	039.84 W	290083	830
2141213495	01/06/79	2	73	19687	D	51.14	102.50	90	EEFE	NO			18.71 S	071.40 W	290083	281
2145207214	01/27/79	185	74	20241	D	47.26	100.33	90	EEEE	NO			20.15 S	025.76 E	290084	36
2142104563	01/06/79	118	75	19805	D	50.52	100.61	0	EEFE	NO			21.58 S	121.45 E	290083	282
2140300554	01/21/79	118	75	19554	D	51.66	096.40	0	EEPE	NO			21.58 S	121.46 E	290083	679
2143800513	01/13/79	117	75	20042	D	48.79	101.04	10	FEFE	NO			21.58 S	122.90 E	290083	558
2142913454	01/13/79	1	75	19924	D	49.69	101.23	10	EEEF	NO			21.58 S	070.71 W	290083	537
2145207220	01/27/79	185	75	20241	D	47.25	098.84	90	EEEE	NO			21.59 S	025.39 E	290084	37
2138801121	01/07/79	121	75	19345	D	51.47	090.43	0	EEZE	NO			21.59 S	117.20 E	290083	41
2138400490	01/07/79	117	75	19289	D	51.20	088.62	10	EEEE	NO			21.59 S	122.94 E	290083	19

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 FROM 01/01/79 TO 01/31/79

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2143800515	01/13/79	117	76	20042	D	48.80	099.48	0	EEEE	NO			23.01 S	122.52 E	290083	559
2143100113	01/28/79	110	76	19944	D	49.56	099.65	10	FE2E	NO			23.01 S	132.56 E	290083	621
2142613402	01/12/79	251	76	19910	D	49.81	099.58	10	FFFF	NO			23.01 S	069.64 W	290083	470
2142913460	01/13/79	1	76	19924	D	49.71	099.60	10	EEEE	NO			23.01 S	071.09 W	290083	538
2145207223	01/27/79	185	76	20241	D	47.21	097.37	20	EEEE	NO			23.02 S	025.01 E	290084	38
2139400040	01/12/79	109	76	19428	D	51.50	091.28	30	EEFE	NO			23.02 S	134.02 E	290083	443
2138801124	01/07/79	121	76	19345	D	51.21	088.75	0	EE2E	NO			23.03 S	116.84 E	290083	42
2138400493	01/07/79	117	76	19289	D	50.89	086.95	NA	MMMM	NO			23.03 S	122.57 E	0	0
2142813404	01/12/79	251	77	19910	D	49.78	097.95	10	FFFF	NO			24.45 S	070.03 W	290083	471
2142913463	01/13/79	1	77	19924	D	49.68	097.98	20	EEEF	NO			24.45 S	071.46 W	290083	539
2145207225	01/27/79	185	77	20241	D	47.12	095.92	NA	MMMM	NO			24.46 S	024.64 E	0	0
2138801130	01/07/79	121	77	19345	D	50.90	087.07	0	FFPF	NO			24.46 S	116.46 E	290083	43
2141112023	01/06/79	234	77	19672	D	51.12	095.38	70	EEFE	NO			24.46 S	045.62 W	290083	264
2142813411	01/12/79	251	78	19910	D	49.71	096.36	0	FFFF	NO			25.88 S	070.43 W	290083	472
2142913465	01/13/79	1	78	19924	D	49.60	096.39	30	EEEF	NO			25.88 S	071.84 W	290083	540
2144706543	01/27/79	180	78	20171	D	47.60	095.41	100	PEFF	NO			25.89 S	031.41 E	290083	849
2143723095	01/13/79	99	79	20041	D	48.58	094.89	10	EEEE	NO			27.31 S	147.18 E	290083	557
2142813413	01/12/79	251	79	19910	D	49.59	094.80	10	FFFF	NO			27.31 S	070.82 W	290083	473
2138323073	01/07/79	99	79	19288	D	49.71	082.18	10	EEFE	NO			27.33 S	147.25 E	290083	17
2141622521	01/12/79	96	80	19748	D	50.32	091.70	10	EEP2	NO			28.74 S	151.08 E	290083	452
2142813420	01/12/79	251	80	19910	D	49.43	093.25	40	FEFF	NO			28.74 S	071.23 W	290083	474
2139822512	01/21/79	96	80	19497	D	50.53	086.59	0	FEFE	NO			28.75 S	151.10 E	290083	672
2142813422	01/12/79	251	81	19910	D	49.22	091.70	70	EEFE	NO			30.17 S	071.64 W	290083	475
2141823041	01/27/79	98	81	19776	D	49.97	090.50	0	EE2E	NO			30.18 S	147.81 E	290083	102
2143623045	01/07/79	98	81	20027	D	48.34	091.94	20	EEPE	NO			30.18 S	147.82 E	290083	403
2142813425	01/12/79	251	82	19910	D	48.98	090.20	90	EEFE	NO			31.60 S	072.05 W	290083	476
2143707421	01/07/79	188	83	20032	D	47.78	089.05	20	EEPE	NO			33.03 S	017.86 E	290083	411
2141907412	01/27/79	188	83	19781	D	49.36	087.54	30	EEFE	NO			33.03 S	017.87 E	290083	111
2143312285	01/07/79	238	83	19979	D	48.20	089.02	30	E222	NO			33.03 S	053.83 W	290083	352
2138307394	01/07/79	188	83	19279	D	47.49	076.38	40	EEEF	NO			33.05 S	017.91 E	290083	10
2139113355	01/21/79	250	83	19394	D	48.64	079.46	60	FFFF	NO			33.05 S	070.98 W	290083	653
2139822530	01/21/79	96	84	19497	D	48.82	080.70	10	EEEE	NO			34.46 S	149.39 E	290083	673
2143312291	01/07/79	238	84	19979	D	47.89	087.63	NA	2222	NO			34.46 S	054.26 W	0	0
2143412350	01/18/79	239	84	19993	D	47.78	087.68	30	FEFF	NO			34.46 S	055.69 W	290083	774
2143512405	01/18/79	240	84	20007	D	47.67	087.69	10	FFFF	NO			34.46 S	057.12 W	290083	783
2139113361	01/21/79	250	84	19394	D	48.09	078.13	20	EEFE	NO			34.48 S	071.42 W	290083	654
2140223164	01/21/79	100	85	19553	D	48.56	080.63	0	FE2E	NO			35.88 S	143.20 E	290083	678
2140123105	01/14/79	99	85	19539	D	48.51	080.32	0	EEFE	NO			35.88 S	144.64 E	290083	632
2143412352	01/18/79	239	85	19993	D	47.42	086.32	40	FEFE	NO			35.88 S	056.14 W	290083	775
2143512411	01/18/79	240	85	20007	D	47.31	086.34	10	FFFF	NO			35.88 S	057.58 W	290083	784

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OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM CLTY	MODE	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FLM FRAME
2143312294	01/07/79	239	85	19970	D	47.53	086.29	50	EEEE	NO	CCCL	HALL	35.89 S	054.70 W	290083	353
2139912394	01/06/79	240	85	19505	D	48.34	079.54	30	EEFE	NO	CCCL	HALL	35.89 S	057.56 W	290083	253
2138323100	01/07/79	99	85	19286	D	46.34	074.21	80	EEFE	NO	CCCL	LLLL	35.90 S	144.68 E	290083	18
2139113364	01/21/79	250	85	19394	D	47.51	076.85	20	EEFE	NO	CCCL	HALL	35.90 S	071.87 W	290083	655
2143412355	01/18/79	239	86	19993	D	47.03	085.02	70	EEFE	NO	CCCL	HALL	37.30 S	056.61 W	290083	776
2143512414	01/18/79	240	86	20007	D	46.92	085.05	10	FFFF	NO	CCCL	HALL	37.30 S	058.06 W	290083	785
2139812341	01/27/79	239	86	19491	D	47.70	077.95	NA	MMMM	NO	CCCL	HALL	37.31 S	056.61 W	0	0
2139912400	01/06/79	240	86	19505	D	47.78	078.26	0	EEFE	NO	CCCL	HALL	37.31 S	058.03 W	290083	254
2139113370	01/21/79	250	86	19394	D	46.89	075.65	10	EEFE	NO	CCCL	HALL	37.32 S	072.33 W	290083	656
2143412361	01/13/79	239	87	19993	D	46.60	083.78	NA	MMMM	NO	CCCL	HALL	38.72 S	057.09 W	0	0
2143512420	01/18/79	240	87	20007	D	46.49	083.81	10	FEFF	NO	CCCL	HALL	38.72 S	058.54 W	290083	786
2143812592	01/13/79	243	87	20049	D	46.14	083.86	40	EEEF	NO	CCCL	HALL	38.72 S	062.84 W	290083	570
2145021014	01/27/79	76	87	20221	D	44.41	083.09	20	EEFE	NO	CCCL	LLLL	38.73 S	176.67 E	290084	4
2139812344	01/27/79	239	87	19491	D	47.10	076.75	NA	MMMM	NO	CCCL	HALL	38.73 S	057.09 W	0	0
2139912403	01/06/79	240	87	19505	D	47.19	077.04	20	EEFE	NO	CCCL	HALL	38.73 S	058.50 W	290083	255
2141912525	01/27/79	242	87	19784	D	47.69	082.08	10	FE2F	NO	CCCL	HALL	38.73 S	061.38 W	290083	112
2142012584	01/08/79	243	87	19798	D	47.65	082.25	0	EE2E	NO	CCCL	HALL	38.73 S	062.82 W	290083	47
2138312511	01/07/79	242	87	19282	D	44.87	071.89	40	EEFE	NO	CCCL	HALL	38.75 S	061.31 W	290083	11
2139113573	01/21/79	250	87	19394	D	46.24	074.50	20	EEFE	NO	CCCL	HALL	38.75 S	072.81 W	290083	657
2142113050	01/06/79	244	88	19812	D	46.87	080.63	NA	2222	NO	CCCL	LLLL	40.07 S	065.00 W	0	0
2143512423	01/18/79	240	88	20007	D	46.03	082.63	20	FEFF	NO	CCCL	HALL	40.14 S	059.04 W	290083	787
2143712540	01/07/79	242	88	20035	D	45.80	082.67	10	EE2E	NO	CCCL	HALL	40.14 S	061.89 W	290083	412
2143812595	01/13/79	243	88	20049	D	45.68	082.68	0	EEFE	NO	CCCL	HALL	40.14 S	063.33 W	290083	571
2145021021	01/27/79	76	88	20221	D	43.93	082.00	90	EEFE	NO	CCCL	LLLL	40.15 S	176.18 E	290084	5
2139912405	01/06/79	240	88	19505	D	46.57	075.89	60	EEFE	NO	CCCL	HALL	40.15 S	059.00 W	290083	256
2141912532	01/27/79	242	88	19784	D	47.19	080.85	10	FE2F	NO	CCCL	HALL	40.15 S	061.87 W	290083	113
2142012590	01/08/79	243	88	19798	D	47.15	081.01	10	EE2E	NO	CCCL	HALL	40.15 S	063.31 W	290083	48
2138312513	01/07/79	242	88	19282	D	44.13	070.90	NA	F22F	NO	CCCL	HALL	40.17 S	061.82 W	290083	12
2139113375	01/21/79	250	88	19394	D	45.56	073.42	70	EEFE	NO	CCCL	HALL	40.17 S	073.50 W	290083	658
2142113052	01/06/79	244	89	19812	D	46.37	079.58	NA	2222	NO	CCCL	LLLL	41.48 S	065.50 W	0	0
2143712542	01/07/79	242	89	20035	D	45.30	081.54	10	FEPM	NO	CCCL	HALL	41.56 S	062.40 W	290083	413
2143813001	01/13/79	243	89	20049	D	45.19	081.56	0	EEFE	NO	CCCL	HALL	41.56 S	063.84 W	290083	572
2141912534	01/27/79	242	89	19784	D	46.65	079.67	10	FEFF	NO	CCCL	HALL	41.57 S	062.38 W	290083	114
2142012593	01/08/79	243	89	19798	D	46.61	079.84	10	FPPF	NO	CCCL	HALL	41.57 S	063.82 W	290083	49
2143813004	01/13/79	243	90	20049	D	44.66	080.50	0	FFFF	NO	CCCL	HALL	42.97 S	064.37 W	290083	573
2141912541	01/27/79	242	90	19784	D	46.07	078.55	20	FE2F	NO	CCCL	HALL	42.98 S	062.91 W	290083	115
2143712545	01/07/79	242	90	20035	D	44.78	080.47	10	EEP2	NO	CCCL	HALL	42.98 S	062.93 W	290083	414
2142012595	01/08/79	243	90	19798	D	46.04	078.72	10	FF2P	NO	CCCL	HALL	42.98 S	064.34 W	290083	50
2142213124	01/07/79	245	93	19826	D	44.12	076.13	NA	MMMM	NO	CCCL	LLLL	47.20 S	068.96 W	0	0
2144113191	01/27/79	246	93	20091	D	42.51	077.72	0	EEEF	NO	CCCL	LLLL	47.21 S	070.37 W	290083	802

ARCHIVAL IMAGE REPORT -ARCHIM
 STANDARD CATALOG
 LANDSAT 2 MSS SENSOR
 FROM 01/01/79 TO 01/31/79

02/26/79
 00:21

OBSERVATION ID	ENTRY DATE	PATH	ROW	ORBIT #	DAY/NITE /SPCL	SUN ELEV	SUN AZIM	% CLD COVER	QUALITY 4567	CCM QLTY	MODE 4567	GAIN 4567	PICTURE CNTR LAT	PICTURE CNTR LONG	MICROFILM ROLL	MIC FILM FRAME
2142213131	01/07/79	245	94	19826	D	43.44	075.28	NA	MMMM	NO			CCCL LLLL 48.60 S	069.58 W	0	0
2144113193	01/27/79	246	94	20091	D	41.87	076.93	0	EEEE	NO			CCCL LLLL 48.61 S	071.00 W	290083	803
2144113200	01/27/79	246	95	20091	D	41.20	076.20	0	FEEE	NO			CCCL LLLL 50.01 S	071.64 W	290083	804
2144113202	01/27/79	246	96	20091	D	40.51	075.55	20	EEEE	NO			CCCL LLLL 51.40 S	072.33 W	290083	805
2142013025	01/08/79	243	97	19798	D	41.25	072.87	40	FFFF	NO			CCCL LLLL 52.82 S	068.71 W	290083	51
2142013031	01/08/79	243	98	19798	D	40.47	072.34	90	EEFE	NO			CCCL LLLL 54.20 S	069.47 W	290083	52
2142013034	01/08/79	243	99	19798	D	39.67	071.90	90	EE2E	NO			CCCL LLLL 55.59 S	070.27 W	290083	53
2141707410	01/12/79	186	110	19753	D	29.60	074.64	100	EE22	NO			CCCL LLLL 70.25 S	002.91 W	290083	460