



ATTACHMENT 4

DATA SET FOR BACKGROUND INVESTIGATION OF
ATMOSPHERIC CONSTITUENTS FOR NANSEMOND
RIVER SITE

Annual Report and Plans for
INTERDISCIPLINARY STUDY OF ATMOSPHERIC PROCESSES
AND CONSTITUENTS OF THE MID-ATLANTIC COASTAL REGION

(NASA-CR-142821) INTERDISCIPLINARY STUDY OF ATMOSPHERIC PROCESSES AND CONSTITUENTS OF THE MID-ATLANTIC COASTAL REGION., ATTACHMENT 4: DATA SET FOR BACKGROUND INVESTIGATION OF ATMOSPHERIC (Old Dominion Univ. Research	N75-24122 Unclas G3/44 22894
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Grant NGL 47-003-067



May 1975

DATA SET FOR BACKGROUND INVESTIGATION OF ATMOSPHERIC
CONSTITUENTS FOR NANSEMOND RIVER SITE

June 8 - July 22, 1974

Submitted to the
Virginia State Air Pollution Control Board
and
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Prepared by the
Old Dominion University Interdisciplinary Team:

Faculty Participants

Dr. Earl C. Kindle - Physics & Geophysical Sciences
Dr. Alan Bandy - Chemistry
Dr. Gary Copeland - Physics & Geophysical Sciences
Dr. Roger Blais - Physics & Geophysical Sciences
Dr. Gerald Levy - Biology
Dr. Daniel Sonenshine - Biology
Dr. Donald Adams - Oceanography
Mr. George Maier - State Air Pollution Control Board

Student Participants

Ms. Donna Bandy	Mr. Lyman Byrd	Mr. Harry Finley
Mr. William Bunch	Mr. Robert Davis	Mr. Mike Iannuzzi
Mr. Harold Buzzy	Ms. Edwige Denyszyn	Mr. Peter Maroulis
Mr. Ronald Reed	Mr. Richard Saul	Mr. Tom Sterling
	Mr. Bob Wolfe	



Submitted by the
Old Dominion University Research Foundation
P.O. Box 6173
Norfolk, Virginia 23508

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1. BACKGROUND AND PARTICULATE DATA

1A. Experiment Description

This investigation was conducted in response to a priority requirement expressed by the Virginia State Air Pollution Control Board. The primary objective of the study is to provide background data for the assessment of the environmental impact of a proposed oil refinery location. This is a preliminary report including, essentially, processed and edited data. The final report(s) will include these as well as diagnoses and analyses of these data in appropriate context.

The Nansemond Refinery area shown as Site 3 in Figure 1 was occupied between 8 June and 22 July 1974 by the Old Dominion University Mobile Air Pollution Laboratory. Total sulfur, total hydrocarbons, NO, NO₂, O₃, and CO were monitored and reported as hourly averages. Visibility was also measured and reported as hourly averages using an integrating nephelometer. Twenty-four hour averaged mass loadings at the sites shown in Figure 1 were determined using high volume air samplers (Hi Vols) and at Site 3 by integrating the nephelometer results. Additionally, temperature, wind speed, wind direction, relative humidity, barometric pressure and solar radiation intensity were measured at Site 3 and reported as hourly averages. Table 1 contains information on the monitoring methods and estimates of error for the measurements.

Site 3 was located in Suffolk, Virginia on the grounds of the proposed oil refinery. The ODU Mobile Laboratory was situated on the top of a knoll in the middle of a small pasture. Estuarine water was located one mile to the north (James River) and a quarter of a mile to the west (Nansemond River). The General Electric Assembly Plant was approximately

one mile to the northeast. No other major industrial site was within a three mile radius. The major roads in the area are Route 17, about one and a half miles to the south and the General Electric/Tidewater Community College Access road about one and a half miles to the east.

There are three gap periods in the data which are longer than 24 hours. The first instance is the period 24 June to 3 July when the power circuit board in the integrating nephelometer failed, was repaired, and brought to the ready state and replaced in the Mobile Laboratory. The second gap occurred between 6 July and 8 July when a rain storm flooded the instruments. The instruments were down while the collecting system and instruments were dried and maintained. The third instance occurred between 10 July and 16 July when the Meloy sulfur-hydrocarbon analyzer failed. The instrument was returned to Old Dominion University for repair and recalibration.

1B. Particulate Data

On 24 June, four pre-calibrated High Volume Air Samplers were placed in the field at the site 1 thru 4 on Figure 1. Site 1 was located off Route 17 at the Nansemond Swim and Racquet Club, while sites 2 and 4 were located on the roof of the Bennetts Creek Rescue Squad Building and on the roof of the Science Building at Tidewater Community College (Frederick Campus) respectively. The third (Site 3 on Figure 1) sampler was located at the trailer itself.

The samples were obtained on a 24 hour basis (12 M to 12 M EDT). In Table 2, data entered for a given day represents the average of the previous 24 hours. The methods used are reported in Methods of Air Sampling and Analysis, Intersociety Committee and in the Federal Register, Vol. 36, No. 84 p. 8193-8194 (April 30, 1971).

The particulate samples were transported to Old Dominion where they were dried and weighed. The weight, run time, sampling rate (air flow) were then treated mathematically into the meaningful concentration units ($\mu\text{g}/\text{m}^3$) as presented in Table 2.

1C. Climatology Background

To permit a qualitative assessment of the character of the concentrations during the experiment period in the context of annual and longer range characteristic routine measurements of pollutants, made by the State Air Pollution Control Board during June and July 1974 were assembled to permit comparison with the limited annual and monthly average data that are available.

In the following tables the limited monthly and annual averages are entered on the left hand side of the table, the corresponding data for June and July 1974 are entered on the right hand side of the tables.

The state data base is not ideal since a) they only began data taking in the summer of 1972, so that annual means are not necessarily statistically significant; b) the monitoring network has grown by addition of new monitoring sites and occasional deletion of others, thus implying that all long term averages are not necessarily computed over the same time interval; and c) all of the July 1974 data is not yet available at the time of this writing. Site numbers in the tables refer to the map in Figure 2.

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Figure 1. Location of Sampling Sites

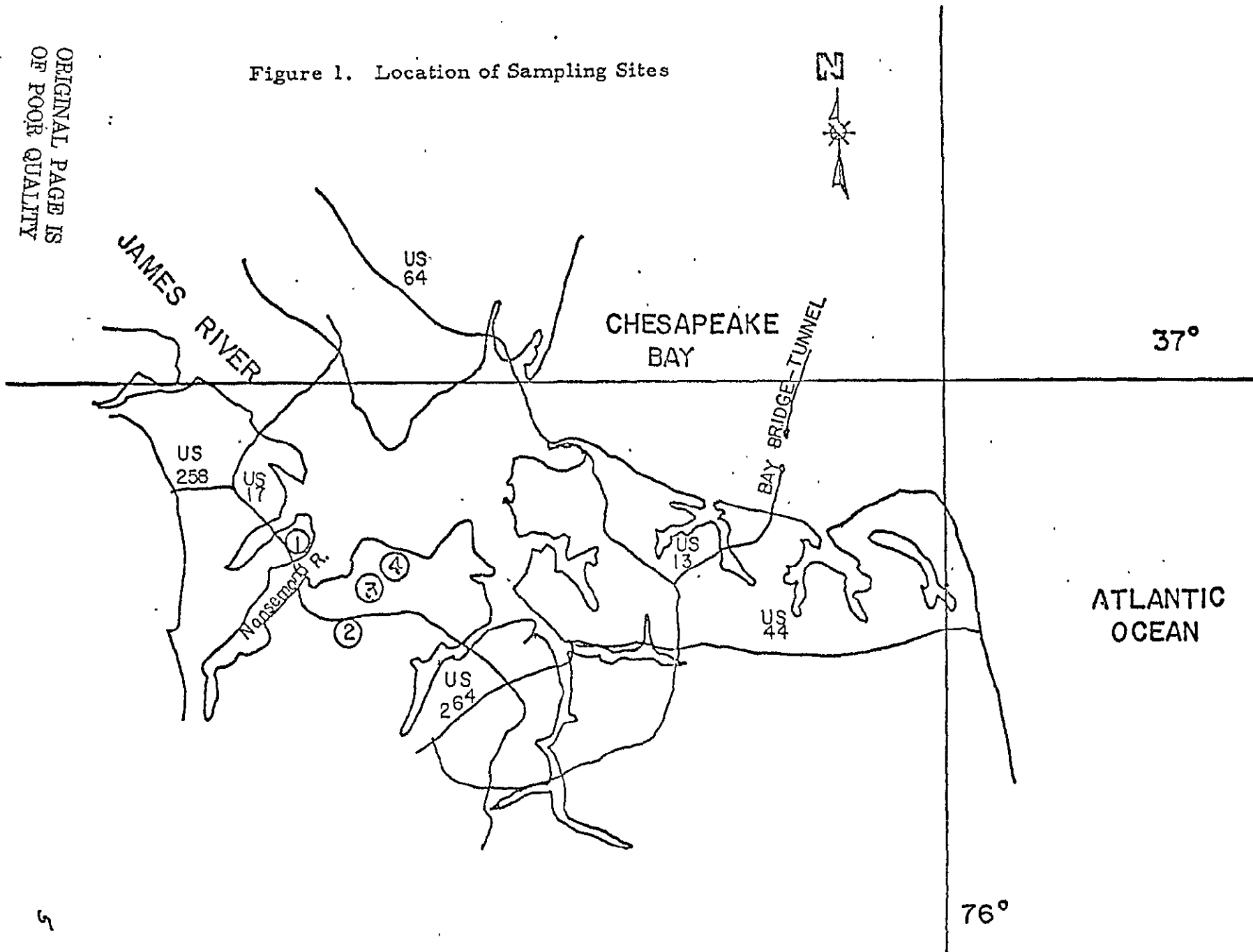


Table 1

Monitoring Methods and Estimates of Error*

Parameter	Instrument	Method	Accuracy**
NO, NO ₂ , NO _x	Bendix Model 8101B Nitrogen Oxide Monitor	Photometric detection of gas phase reaction of NO and O ₃	± 5%
Total Sulfur	Meloy labs Model SH 202	Flame photometric detec- tion of Hydrogen burned air sample	± 5%
Total Hydrocarbons	Meloy labs Model SH 202	Flame ionization detec- tion of burned air sampler	± 5%
O ₃	ODU construction RR III-6	Chemiluminescence of O ₃ Ethylene reaction	± 10%
CO	Andros DIF Model 7000	Nondispersion infrared	± 5%
Visibility	Meteorology Research Inc. Model 1550 Inte- grated Nephelometer with part 461 air heater assembly	Light scattering	± 5%
Solar Radiation	Eppley labs Model 8-48 pyronometer	Differential heating	± 2%
Temperature	ODU construction	Thermistor resistance	± 0.3°C
Wind Speed	Climet Model 011-2B	Direct measurement	± 2 mph
Wind Direction	Climet Model 012-2C	Direct measurement	± 5°
Humidity	Relative humidity detector#	Hair stretching	± 5%
Barometric Pressure	Microbarometer#	#	± 1%

* All instruments calibrated as suggested in Federal Register Oct. 13, 1973

** 67 percentile confidence level (estimated from calibrations)

Manufacturer information unavailable at this time

Table 2

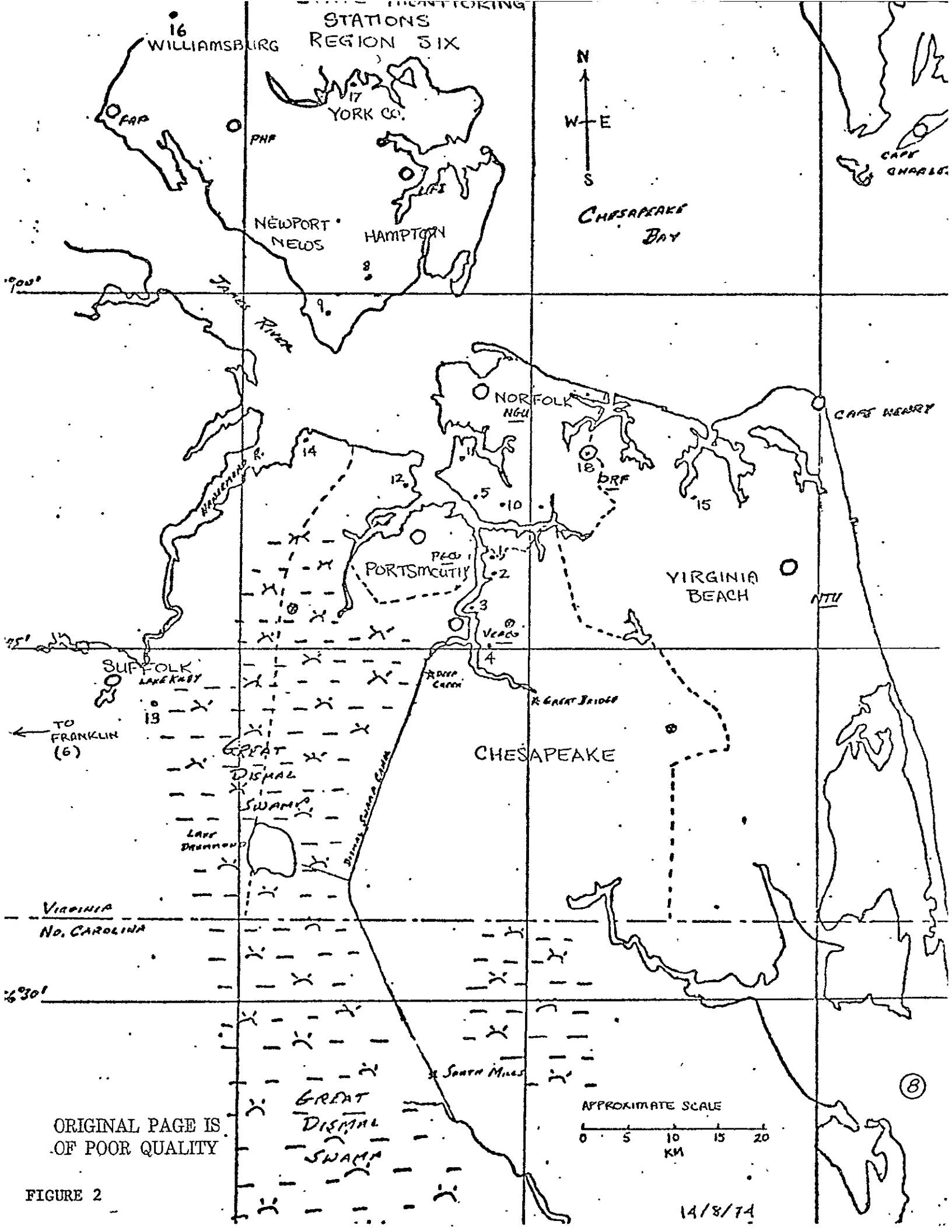
Mass Loading ($\mu\text{g}/\text{m}^3$) for Nansemond Site*

Date	Site 1	Site 2	Site 3	Site 3**	Site 4
June 24	14	30	25	53	16
25	34	56	36	58	22
26	34	33	37	#	25
27	15	20	24	#	16
28	15	16	19	#	10
29	39	34	42	#	33
30	65	50	55	#	54
July 1	94	81	90	#	79
2	148	59	93	#	63
3	70	43	62	61	47
4	118	33	41	18	33
5	#	25	21	19	24
6	18	25	17	19	13
7	20	19	8	#	11
8	107	80	84	59	46
9	154	46	54	20	42
10	65	70	76	95	41
11	37	84	65	31	16
12	56	92	52	34	22
13	107	73	49	43	28
14	137	59	56	86	48
15	#	105	78	101	66
16	140	138	127	145	64
17	88	53	42	30	32
18	129	52	59	96	57
19	96	96	102	104	60
20	53	95	67	32	24
21	87	57	90	34	32

* Refer to Figure 1 for site locations

** Mass Loading from B-SCAT (24 hr. average)

Not Operational



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FIGURE 2

SULFUR DIOXIDE (BY VOLUME)
 Arithmetic Mean - Bubblers Train - Pararosaniline Method - 24 Hour Sample

SITE	JAN-MAR MEAN (RANGE)	APR-JUN MEAN (RANGE)	JUL-SEP MEAN (RANGE)	OCT-DEC MEAN (RANGE)	ANNUAL MEAN	June '74 MEAN	JULY '74 MEAN
<u>CHESAPEAKE:</u>							
2 Armory (24 hr)	20(15-26)	7(0-54)	8(0-25)	13(0-54)	9	4	NA
" (continuous)	NA	15(0-41)	18(1-70)	22(2-78)	19	NA	NA
3 Dog Pound	20(6-39)	15(0-64)	4(0-13)	6(0-20)	13	16	NA
4 Washington Sew.							
<u>FRANKLIN:</u>							
6 City Electric Co.	23(20-26)	1(0-5)	2(0-8)	5(0-17)	2	3	NA
<u>HAMPTON:</u>							
8 VA School (Continuous)	20(16-23)	11(5-45)	13(0-76)	12(0-53)	15	11	7
<u>NORFOLK:</u>							
19 Ingleside	NA	NA	NA	NA	NA	7	NA
11 ODU	18(0-37)	1(0-4)	3(0-11)	13(0-32)	4	5	NA
10 Tidw. & Brambleton	NA	4(0-10)	3(0-12)	9(0-33)	7	7	11
" (Continuous)	19(4-25)	8(0-26)	9(0-36)	11(2-14)	10	NA	NA
<u>PORTSMOUTH:</u>							
12 W.BR. Sewage	20(6-39)	3(0-14)	7(0-33)	5(0-13)	5	34	NA
<u>SUFFOLK:</u>							
13 B.T. Washington H.S.	18(9-22)	1(0-5)	2(0-8)	7(0-27)	6	5	NA
14 Fredrick, TCC	18(14-20)	1(0-5)	1(0-4)	3(0-11)	2	4	NA
<u>VIRGINIA BEACH:</u>							
15 Prin. Anne H.S.	18(3-25)	2(0-7)	1(0-4)	6(0-23)	5	2	NA
<u>YORK COUNTY:</u>							
17 Finger Pier, USCG	14(0-21)	1(0-4)	1(0-5)	4(0-13)	2	2	NA

TABLE 3

SUSPENDED PARTICULATE (ugm⁻³)
 Geometric Mean - High Volume Air Sampler - Fiberglass Filter Paper - 24 Hour Sample

SITE	JAN-MAR MEAN	APR-JUN MEAN	JUL-SEP MEAN	OCT-NOV MEAN	ANNUAL MEAN	JUNE MEAN	JUNE '74 MEAN	JULY MEAN	JULY '74 MEAN
CHESAPEAKE:									
1 Adm. Rds. Apt.	94(30-198)	82(57-148)	NA	NA	70	68	NA	70	NA
2 Armory	75(28-140)	71(31-154)	68(38-112)	74(30-110)	70	NA	55	NA	NA
3 Dog Pound	110(41-307)	88(15-169)	115(68-197)	92(30-254)	91	NA	54	NA	NA
4 Wash. Sewage Plt.	90(23-271)	71(31-227)	53(35-108)	92(28-274)	69	52	71	63	NA
5 Health Dept.	NA	NA	109(48-334)	101(33-284)	NA	NA	68	NA	NA
FRANKLIN:									
6 City Electric Co.	49(13-120)	70(34-108)	78(48-152)	76(30-300)	70	NA	NA	NA	NA
HAMPTON:									
7 Armistead & Perbroke	75(23-148)	94(51-183)	111(49-352)	117(36-488)	102	74	NA	85	NA
NEWPORT NEWS:									
9 215-25th St.	52(26-106)	52(26-76)	75(44-115)	61(27-98)	58	NA	50	NA	NA
NORFOLK:									
10 Tidewater & Brambleton	120(43-229)	88(51-184)	69(24-164)	69(11-158)	80	97	61	107	NA
11 ODU	52(12-129)	70(49-166)	68(42-186)	54(22-98)	62	72	50	74	NA
PORTSMOUTH:									
12 West Branch Sewage Plant	NA	38(6-73)	54(28-85)	40(20-67)	43	NA	44	NA	NA
SUFFOLK:									
13 B.T. Washington H.S.	68(25-133)	59(31-101)	49(20-113)	53(24-89)	54	NA	48	NA	NA
14 Fredrick Campus TCC	29(10-69)	45(18-228)	43(21-82)	28(10-50)	37	NA	NA	NA	NA
VIRGINIA BEACH:									
15 Prin. Anne H.S.	45(29-76)	59(31-101)	55(28-83)	47(17-80)	51	NA	34	NA	NA
WILLIAMSBURG:									
16 Municipal Bldg.	46(21-98)	43(22-89)	49(25-82)	40(19-56)	44	NA	30	NA	NA
YORK COUNTY:									
17 Finger Pier, U.S.C.G.	31(18-68)	44(25-64)	55(18-490)	29(13-49)	37	NA	23	NA	NA

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TABLE 4

COEFFICIENT OF H_A 000 LINEAR FEET
Arithmetic Mean - Tape Sampler - 2 Hour Sample

SITE	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	ANNUAL	JUNE	JUNE '74	JULY	JULY '74
<u>CHESAPEAKE:</u>									
2 Armory	0.77	0.41	0.39	0.54	0.53		0.30		0.35
3 Dog Pound	NA	NA	NA	0.52	NA	NA	0.28	NA	0.31
<u>HAMPTON:</u>									
VA School	0.67	0.27	0.26	0.60	0.45	0.27	0.27	0.26	0.29
<u>NORFOLK:</u>									
10 Tidewater & Brambleton	0.88	0.48	0.49	1.01	0.72	0.41	0.24	0.38	0.20
11 ODU	0.31	0.06 *	0.20	0.44	0.32	0.19	0.21	0.22	0.21

* untrustworthy value due to instrument malfunction

CARBON MONOXIDE (PPM BY VOLUME)
Arithmetic Mean - 1 Hour Sample

SITE	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	ANNUAL	JUNE '74	JULY '74
<u>CHESAPEAKE:</u>							
3 Dog Pound	NA	NA	1.0	1.0	1.0	0.8	0.8
<u>HAMPTON:</u>							
8 VA School	2.3	2.0	3.8	2.2	2.6	1.6	1.5
<u>NORFOLK:</u>							
9 Tidewater & Brambleton	2.1	1.3	1.5	1.8	1.7	1.3	1.1

TABLE 5

OZONE (PPB BY VOLUME)

Arithmetic Mean - 1 Hour Sample

SITE	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	ANNUAL	JUNE '74	JULY '74
<u>HAMPTON:</u> 8 VA School	NA	23	39	13	25	30	37
<u>NORFOLK:</u> 18 Regional Airport	12	14	14	17	14	36	NA
<u>SUFFOLK:</u> 14 Frederick, TCC	NA	NA	NA	15	15	30	NA

TABLE 6

2. DIGITIZED MOLECULAR AND SITE METEOROLOGICAL DATA

This section contains two types of data: molecular and meteorological data. The molecular concentrations are nitric oxide, nitrogen dioxide, ozone, total sulfur, total hydrocarbons, and carbon monoxide. Each of these molecular concentrations were measured at the 15 foot and 75 foot levels, respectively.

The meteorological data provides readings of beta-scattering (B-SC), visibility (VSB), solar radiation (SRAD), relative humidity (RH), wind speed (WSPD), wind direction (WDIR) and temperature (T).

The tabulated data for the zero hour is an average of the recorded readings from 00:00 to 00:59 EST. The data set for each hour thereafter is tabulated correspondingly.

Throughout the data array the numbers, -1, -2, -3, -4, -9 are used as indicators of the following data conditions: -1 represents a reading below scale, -2 represents a missing reading, -3 represents a reading off scale, -4 represents a reading that was negatively past the noise level, and -9 represents missing data cards.

The molecular data concentrations are reported in parts per billion, while the meteorological data are reported individually as follows:

<u>Meteorological Data</u>	<u>Unit</u>
B-SC	Inverse Megameters
VSB	Kilometers
SRAD	Calories per Square Centimeters per Minute
RH	Percent
WSPD	Miles Per Hour
WDIR	Degrees North
T-15	Degrees Centigrade
T-75	Degrees Centigrade

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During the initial six days many indicators of missing data (-2) will be noted. The change from a -2 reading to a reading indicating data corresponds to component start up.

Furthermore, the -2 symbol occasionally appears for periods of one to three hours and is due to the instrument being disconnected from the system during calibration.

NANSEMOND RIVER - JU 1 1974

JUR	NO	NO	ND2	NJ2	O3	O3	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T=15	T=75
-----PARTS PER BILLION-----													*	KM	**	%	MPH	N	C	C
19	0	0	5	5	48	47	17	12	1568	1568	4703	4703	-2	=2	=2.00	=2	=2	-2	=2.0	=2.0
20	0	0	11	11	52	52	12	12	1568	1568	4208	4208	-2	=2	=2.00	-2	=2	-2	=2.0	=2.0
21	0	0	11	11	61	61	13	13	1568	1568	3218	3218	-2	=2	=2.00	=2	=2	-2	=2.0	=2.0
22	0	0	11	11	106	106	13	13	1568	1568	3465	3465	-2	=2	=2.00	=2	=2	-2	=2.0	=2.0
23	0	0	5	5	95	93	12	12	1568	1568	5445	5940	-9	=9	=9.00	=9	=9	-9	=9.0	=9.0

*=1/MEGAMETERS
 **CAL/SQUARE CM-MIN

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NANSEMOND RIVER - JUN 9 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-Sr	VSB	SRAD	RH	WSPD	WDIR	T ₁₅	T ₇₅
	PARTS PER BILLION												*	KM	**	%	MPH	N	C	C
0	0	0	5	5	96	93	12	12	1568	1568	5940	5940	-9	09	09.00	-9	09	-9	09.0	09.0
1	0	0	5	5	104	106	12	12	1568	1568	5940	5940	-9	09	09.00	-9	09	-9	09.0	09.0
2	0	0	5	5	100	98	12	12	1568	1568	5940	5940	-9	09	09.00	-9	09	-9	09.0	09.0
3	0	0	5	5	97	96	12	12	2036	2036	5940	5693	-9	09	09.00	-9	09	-9	09.0	09.0
4	0	0	5	5	94	95	12	12	2036	2036	6188	5693	-9	09	09.00	-9	09	-9	09.0	09.0
5	0	0	5	5	93	93	12	12	2036	2036	5940	5940	-9	09	09.00	-9	09	-9	09.0	09.0
6	0	0	5	5	96	95	12	12	2504	2504	6188	6188	-9	09	09.00	-9	09	-9	09.0	09.0
7	0	0	5	5	91	90	13	13	2504	2504	6435	6435	-9	09	09.00	-9	09	-9	09.0	09.0
8	0	0	5	5	90	87	13	13	2504	2504	5940	5940	-9	09	09.00	-9	09	-9	09.0	09.0
9	0	0	5	5	58	58	13	13	2036	2036	5693	5693	-9	09	09.00	-9	09	-9	09.0	09.0
10	0	0	5	5	16	16	14	14	1568	1568	8168	8168	-9	09	09.00	-9	09	-9	09.0	09.0
11	0	0	5	5	31	29	14	14	2036	2036	-2	-2	-9	09	09.00	-9	09	-9	09.0	09.0
12	0	0	5	5	31	29	13	13	2504	2504	-2	-2	-9	09	09.00	-9	09	-9	09.0	09.0
13	0	0	5	5	27	27	13	13	1568	1568	-2	-2	-9	09	09.00	-9	09	-9	09.0	09.0
14	0	0	5	5	29	28	13	13	1568	1568	-2	-2	-9	09	09.00	-9	09	-9	09.0	09.0
15	0	0	5	5	29	29	14	14	1568	1568	-2	-2	-9	09	09.00	-9	09	-9	09.0	09.0
16	0	0	5	5	28	28	14	14	1568	1568	-2	-2	-9	09	09.00	-9	09	-9	09.0	09.0
17	0	0	5	5	31	32	14	14	1568	1568	-2	-2	172	23	09.00	-9	-2	-2	02.0	02.0
18	0	0	5	5	23	23	14	14	1568	1568	-2	-2	152	26	02.00	-2	-2	-2	02.0	02.0
19	0	0	5	5	13	14	13	13	1568	1568	-2	-2	202	19	02.00	-2	-2	-2	02.0	02.0
20	0	0	5	5	7	9	13	13	1568	1568	-2	-2	182	21	02.00	-2	-2	-2	02.0	02.0
21	0	0	11	11	5	5	12	12	1568	1568	-2	-2	192	20	02.00	-2	-2	-2	02.0	02.0
22	0	0	5	5	5	5	12	12	1568	1568	-2	-2	197	20	02.00	-2	-2	-2	02.0	02.0
23	0	0	5	5	3	3	12	12	1568	1568	-2	-2	242	16	02.00	-2	-2	-2	02.0	02.0

**1/MEGAMETERS
 ***CAL/SQUARE CM-MIN

NANSEMOND RIVER - JULY 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-Sr	VSB	SRAD	RH	WSPD	WDIR	T ₁₅	T ₇₅				
	-----PARTS PER BILLION-----																*	KM	**	%	MPH	N	C	C
0	0	0	5	5	-1	1	12	12	1568	1568	-2	-2	372	10	=2,00	-2	=2	-2	=2,0	=2,0				
1	0	0	5	5	2	2	12	12	1568	1568	-2	-2	392	10	=2,00	-2	=2	-2	=2,0	=2,0				
2	0	0	5	5	1	1	12	12	1568	1568	-2	-2	332	12	=2,00	-2	=2	-2	=2,0	=2,0				
3	0	0	5	5	1	0	12	12	1568	1568	-2	-2	392	10	=2,00	-2	=2	-2	=2,0	=2,0				
4	0	0	11	11	1	1	12	12	1568	1568	-2	-2	422	9	=2,00	-2	=2	-2	=2,0	=2,0				
5	0	0	11	11	0	0	12	12	2036	2036	-2	-2	387	10	=2,00	-2	=2	-2	=2,0	=2,0				
6	0	0	11	11	2	3	12	12	2504	2504	-2	-2	277	14	=2,00	-2	=2	-2	=2,0	=2,0				
7	0	0	11	11	10	10	12	12	2972	2972	-2	-2	212	18	=2,00	-2	=2	-2	=2,0	=2,0				
8	0	0	11	11	25	25	13	13	2504	2504	-2	-2	187	21	=2,00	-2	=2	-2	=2,0	=2,0				
9	0	0	5	5	40	42	13	13	2036	2036	-2	-2	157	25	=2,00	-2	=2	-2	=2,0	=2,0				
10	0	0	5	5	42	42	12	12	1568	1568	-2	-2	142	28	=2,00	-2	=2	-2	=2,0	=2,0				
11	0	0	5	5	40	39	13	13	2504	2504	-2	-2	252	15	1,16	-2	=2	-2	=2,0	=2,0				
12	0	0	5	5	38	38	13	13	2036	2036	-2	-2	342	11	1,16	-2	=2	-2	=2,0	=2,0				
13	0	0	5	5	37	37	14	14	1568	1568	-2	-2	322	12	0,98	-2	=2	-2	=2,0	=2,0				
14	0	0	5	5	40	40	14	14	1568	1568	-2	-2	132	30	0,98	-2	=2	-2	=2,0	=2,0				
15	0	0	5	5	46	45	13	13	1568	1568	-2	-2	127	31	0,70	-2	=2	-2	=2,0	=2,0				
16	0	0	5	5	46	45	13	13	1100	1100	-2	-2	122	32	0,70	-2	=2	-2	=2,0	=2,0				
17	0	0	5	5	46	46	13	13	1100	1100	-2	-2	127	31	0,25	-2	=2	-2	=2,0	=2,0				
18	0	0	5	5	43	43	13	13	1100	1100	-2	-2	157	25	0,25	-2	=2	-2	=2,0	=2,0				
19	0	0	5	5	37	37	13	13	1568	1568	-2	-2	177	22	0,05	-2	=2	-2	=2,0	=2,0				
20	0	0	11	11	30	30	12	12	1568	1568	-2	-2	192	20	0,05	-2	=2	-2	=2,0	=2,0				
21	0	0	5	5	25	26	12	12	1568	1568	-2	-2	207	19	0,05	-2	=2	-2	=2,0	=2,0				
22	0	0	5	5	29	28	12	12	1568	1568	-2	-2	237	16	0,05	-2	=2	-2	=2,0	=2,0				
23	0	0	5	5	22	23	12	12	2504	2504	-2	-2	257	15	0,05	-2	=2	-2	=2,0	=2,0				

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NANSEMOND RIVER - 11 1974

HOUR	NO	NU	NU2	NU2	O3	O3	S		HC		CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							PARTS PER BILLION													
0	0	0	5	5	15	17	12	12	2972	2972	-2	-2	307	13	0.05	-2	-2	-2	2.0	-2.0
1	0	0	5	5	25	25	12	12	2036	2036	-2	-2	182	21	0.05	-2	-2	-2	2.0	-2.0
2	0	0	5	5	19	18	12	12	2504	2504	-2	-2	157	25	0.05	-2	-2	-2	2.0	-2.0
3	0	0	5	5	13	15	12	12	2504	2504	-2	-2	147	27	0.05	-2	-2	-2	2.0	-2.0
4	0	0	5	5	11	11	12	12	2504	2504	-2	-2	177	22	0.05	-2	-2	-2	2.0	-2.0
5	0	0	5	5	9	9	12	12	1568	1568	-2	-2	162	24	0.10	-2	-2	-2	2.0	-2.0
6	0	0	5	5	8	9	12	12	1568	1568	-2	-2	162	24	0.10	-2	-2	-2	2.0	-2.0
7	0	0	11	11	16	17	12	12	1568	1568	-2	-2	127	31	0.35	-2	-2	-2	2.0	-2.0
8	0	0	11	11	21	20	12	12	2504	2504	-2	-2	117	33	0.35	-2	-2	-2	2.0	-2.0
9	0	0	5	11	27	27	13	13	2504	2504	-2	-2	117	33	0.25	-2	-2	-2	2.0	-2.0
10	0	0	5	11	34	34	14	14	2036	2036	-9	-9	112	35	0.25	-2	-2	-2	2.0	-2.0
11	0	0	5	11	35	35	13	13	1568	1568	-2	-2	62	63	0.86	30	-2	-2	2.0	-2.0
12	0	0	11	11	39	39	13	13	2036	2036	-2	-2	67	58	0.86	30	-2	-2	2.0	-2.0
13	0	0	11	11	43	43	14	14	2036	2036	-2	-2	67	58	0.90	33	-2	-2	2.0	-2.0
14	0	0	11	11	44	43	14	14	3908	3908	-2	-2	87	45	0.90	33	-2	-2	2.0	-2.0
15	0	0	11	11	53	53	15	15	2504	2504	-2	-2	87	45	0.70	35	-2	-2	2.0	-2.0
16	0	0	11	11	54	55	14	14	2504	2504	-2	-2	87	45	0.70	35	-2	-2	2.0	-2.0
17	0	0	11	11	46	47	14	14	2504	2504	-2	-2	92	42	0.25	37	-2	-2	2.0	-2.0
18	0	0	11	11	41	40	15	15	1568	1568	-2	-2	82	48	0.25	37	-2	-2	2.0	-2.0
19	0	0	11	11	27	27	14	14	2972	2972	-2	-2	102	38	0.05	55	-2	-2	2.0	-2.0
20	0	0	11	11	16	17	14	14	2972	2972	-2	-2	127	31	0.05	55	-2	-2	2.0	-2.0
21	0	0	11	11	15	16	12	12	2504	2504	-2	-2	107	37	0.05	72	-2	-2	2.0	-2.0
22	0	0	11	11	14	16	12	12	2036	2036	-2	-2	117	33	0.05	72	-2	-2	2.0	-2.0
23	0	0	11	11	23	23	12	12	2036	2036	-2	-2	92	42	0.03	80	-2	-2	2.0	-2.0

*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 12 1974

HOUR	NO	NU	NU2	NU2	D3	D3	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
-----PARTS							PER BILLION-----					*	KM	**	%	MPH	N	C	C	
0	0	0	11	11	20	20	11	11	2036	2036	-2	-2	97	40	0.03	80	-2	-2	-2.0	-2.0
1	0	0	5	5	16	17	11	11	2972	2972	-2	-2	112	35	0.03	85	-2	-2	-2.0	-2.0
2	0	0	5	5	17	19	11	11	4844	4844	-2	-2	122	32	0.03	85	-2	-2	-2.0	-2.0
3	0	0	11	11	14	14	12	12	6248	6248	-2	-2	132	30	0.03	88	-2	-2	-2.0	-2.0
4	0	0	11	11	7	7	12	12	5312	4844	-2	-2	167	23	0.03	88	-2	-2	-2.0	-2.0
5	0	0	11	11	0	1	12	12	5312	5780	-2	-2	277	14	0.09	65	-2	-2	-2.0	-2.0
6	0	0	11	11	1	1	12	12	6716	6716	-2	-2	272	14	0.09	65	-2	-2	-2.0	-2.0
7	0	0	5	5	11	10	12	12	4376	4376	-2	-2	162	24	0.34	39	-2	-2	-2.0	-2.0
8	0	0	5	5	19	18	12	12	2972	2972	-2	-2	107	27	0.34	39	-2	-2	-2.0	-2.0
9	0	0	11	11	27	26	12	12	2504	2972	-2	-2	107	37	0.35	34	-2	-2	-2.0	-2.0
10	0	0	5	5	32	33	12	12	2036	2036	-2	-2	117	33	0.35	34	-2	-2	-2.0	-2.0
11	0	0	5	5	35	35	12	12	2036	2036	-2	-2	122	32	0.60	33	-2	-2	-2.0	-2.0
12	0	0	5	5	35	35	12	12	2036	2036	-2	-2	112	35	0.60	33	-2	-2	-2.0	-2.0
13	0	0	5	5	40	39	13	13	2036	2036	-2	-2	107	37	0.60	46	-2	-2	-2.0	-2.0
14	0	0	11	11	43	43	13	13	2036	2036	-2	-2	132	30	0.60	46	-2	-2	-2.0	-2.0
15	0	0	11	11	50	49	13	13	2036	2036	-2	-2	162	24	0.40	59	-2	-2	-2.0	-2.0
16	0	0	11	11	44	44	14	14	3440	3440	-2	-2	162	24	0.40	59	-2	-2	-2.0	-2.0
17	0	0	16	16	38	39	13	13	3440	3440	-2	-2	142	28	0.19	62	-2	-2	-2.0	-2.0
18	0	0	16	16	39	39	13	13	2504	2504	-2	-2	142	28	0.19	62	-2	-2	-2.0	-2.0
19	0	0	11	11	39	40	13	13	2036	2036	-2	-2	112	35	0.04	70	-2	-2	-2.0	-2.0
20	0	0	11	11	43	43	12	12	1568	1568	-2	-2	82	48	0.04	70	-2	-2	-2.0	-2.0
21	0	0	11	11	46	49	12	12	1568	1568	-2	-2	87	45	0.04	74	-2	-2	-2.0	-2.0
22	0	0	11	11	45	47	12	12	2036	2036	-2	-2	92	42	0.04	74	-2	-2	-2.0	-2.0
23	0	0	11	11	43	46	12	12	2972	2504	-2	-2	87	45	0.04	84	-2	-2	-2.0	-2.0

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NANSEMOND RIVER - 13 1974

HOUR	NO		NO2		O3		S		HC		CO		B-S* *	VSB KM	SRAD **	RH %	WSPD MPH	WDIR N	T-15 C	T-75 C
	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO								
0	0	0	11	11	35	37	12	12	2972	2972	-2	-2	82	48	0.04	84	-2	-2	2.0	2.0
1	0	0	11	11	32	38	12	12	2504	2504	-2	-2	82	48	0.04	74	-2	-2	2.0	2.0
2	0	0	11	11	39	40	12	12	1568	1568	-2	-2	77	51	0.04	74	-2	-2	2.0	2.0
3	0	0	11	11	28	27	14	14	1568	1568	-2	-2	82	48	0.05	83	-2	-2	2.0	2.0
4	0	0	11	11	18	18	13	13	1568	1568	-2	-2	77	51	0.05	83	-2	-2	2.0	2.0
5	0	0	11	11	17	16	13	13	1568	1568	-2	-2	92	42	0.16	73	-2	-2	2.0	2.0
6	0	0	16	16	10	9	14	14	2036	2036	-2	-2	97	40	0.16	73	-2	-2	2.0	2.0
7	0	0	11	11	9	7	17	12	2036	2036	-2	-2	102	38	0.38	57	-2	-2	2.0	2.0
8	0	0	11	11	25	23	17	12	2036	2036	-2	-2	102	38	0.38	57	-2	-2	2.0	2.0
9	0	0	11	11	29	26	13	13	2504	2504	-2	-2	102	38	0.49	47	-2	-2	2.0	2.0
10	0	0	11	11	35	35	13	13	2972	2972	-2	-2	112	35	0.49	47	-2	-2	2.0	2.0
11	0	0	11	11	42	57	14	14	2504	2504	-2	-2	122	32	0.88	42	-2	-2	2.0	2.0
12	0	0	11	11	47	46	14	14	2504	2972	-2	-2	132	30	0.88	42	-2	-2	2.0	2.0
13	0	0	11	11	52	53	14	14	2972	2972	-2	-2	147	27	0.75	37	-2	-2	2.0	2.0
14	0	0	11	11	55	55	15	15	2972	2972	-2	-2	167	23	0.75	37	-2	-2	2.0	2.0
15	0	0	11	11	63	62	17	17	3440	3440	-2	-2	182	21	0.60	39	-2	-2	2.0	2.0
16	0	0	11	11	60	61	16	16	3440	3440	-2	-2	172	23	0.60	39	-2	-2	2.0	2.0
17	0	0	11	11	55	56	15	15	3440	3440	-2	-2	152	26	0.21	53	-2	-2	2.0	2.0
18	0	0	11	11	56	55	14	14	2972	2972	-2	-2	157	25	0.21	53	-2	-2	2.0	2.0
19	0	0	11	11	56	56	14	14	2504	2504	-2	-2	167	23	0.07	80	-2	-2	2.0	2.0
20	0	0	11	11	43	44	14	14	2504	2504	-2	-2	182	21	0.07	80	-2	-2	2.0	2.0
21	0	0	11	11	31	35	13	13	2504	2504	-2	-2	197	20	0.05	86	-2	-2	2.0	2.0
22	0	0	11	11	37	39	13	13	2504	2504	-2	-2	182	21	0.05	86	-2	-2	2.0	2.0
23	0	0	11	11	31	37	13	13	2504	2504	-2	-2	182	21	0.04	85	-2	-2	2.0	2.0

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NANSEMOND RIVER - 14 1974

HOUR	NO		NO2		O3		S		HC		CO		B-Sr *	VSB KM	SRAD **	RH %	WSPD MPH	WDIR N	T=15 C	T=75 C
	NU	NU	NU2	NU2	NU3	NU3	S	S	HC	HC	CO	CO								
0	0	0	11	11	36	38	13	13	2504	2504	-2	-2	172	23	0.04	85	-2	-2	2.0	2.0
1	0	0	5	5	25	38	13	12	2504	2504	-2	-2	172	23	0.04	91	-2	-2	2.0	2.0
2	0	0	5	5	20	33	13	12	2504	2504	-2	-2	172	23	0.04	91	-2	-2	2.0	2.0
3	0	0	11	11	25	34	12	12	2504	2504	-2	-2	172	23	0.04	91	-2	-2	2.0	2.0
4	0	0	11	11	32	33	12	12	2504	2504	-2	-2	167	23	0.04	91	-2	-2	2.0	2.0
5	0	0	11	11	20	28	13	13	2504	2504	-2	-2	172	23	0.12	85	-2	-2	2.0	2.0
6	0	0	11	11	26	26	13	13	2504	2504	-2	-2	177	22	0.12	85	-2	-2	2.0	2.0
7	0	0	11	11	36	36	13	13	2504	2504	-2	-2	167	23	0.35	65	-2	-2	2.0	2.0
8	0	0	11	11	41	43	13	13	2504	2504	-2	-2	162	24	0.35	65	-2	-2	2.0	2.0
9	0	0	11	11	48	47	13	13	2972	2972	-2	-2	172	23	0.42	50	-2	-2	2.0	2.0
10	0	0	11	11	49	50	13	13	4376	5312	-2	-2	177	22	0.42	50	-2	-2	2.0	2.0
11	0	0	11	11	57	59	13	13	3908	3908	-2	-2	187	21	0.80	50	-2	-2	2.0	2.0
12	0	0	11	11	59	59	14	14	3908	4376	-2	-2	192	20	0.80	50	-2	-2	2.0	2.0
13	0	0	11	11	57	57	14	14	3440	3440	248	248	187	21	0.70	43	-2	-2	2.0	2.0
14	0	0	11	11	55	55	14	14	3440	3440	495	990	172	23	0.70	43	-2	-2	2.0	2.0
15	5	5	11	11	52	52	14	14	2504	2504	-3	-3	162	24	0.40	42	-2	-2	2.0	2.0
16	0	0	11	11	47	47	14	14	2504	2504	-3	-3	152	26	0.40	42	-2	-2	2.0	2.0
17	5	5	11	11	54	52	14	14	2504	2036	990	743	167	23	0.10	45	19	-2	24.0	24.1
18	5	5	11	11	48	49	13	13	2972	2504	1485	1485	182	21	0.10	43	14	-2	22.9	22.9
19	5	5	11	11	43	43	14	13	2972	2972	1238	1485	197	20	0.60	70	9	-2	20.5	21.3
20	5	5	11	11	34	41	14	15	2972	2972	1238	1238	222	18	0.60	70	5	-2	18.3	20.2
21	5	5	11	11	33	39	13	13	2972	2504	1535	1287	222	18	0.40	89	3	-2	17.6	22.3
22	5	5	11	11	37	39	14	12	2504	2504	2079	1832	217	18	0.40	89	1	-2	16.6	18.8
23	5	5	11	11	17	36	12	12	2504	2504	2129	2129	212	18	0.03	89	2	-2	16.2	18.8

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NANSEMOND RIVER - . 15 1974

HOUR.	ND	NJ	NU2	ND2	03	03	S	S	HC	HC.	CO	CO	B-SR	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
	PARTS						PER BILLION						*	KM	**	%	MPH	N	C	C
0	5	5	11	11	25	36	17	12	2504	2504	2673	2673	187	21	0.03	89	2	-2	16.2	18.8
1	0	0	5	5	7	25	12	12	2504	2504	5693	5693	177	22	0.03	88	0	-2	17.3	18.8
2	5	5	11	16	3	20	16	23	2504	2504	5693	5693	257	15	0.03	88	-4	-2	16.0	18.3
3	5	0	11	11	0	20	12	12	2504	2504	5247	5247	167	23	0.04	88	2	-2	15.3	15.4
4	0	0	16	16	0	24	13	13	2036	2036	4851	4851	182	21	0.04	88	2	-2	15.3	15.6
5	0	0	11	11	0	32	12	12	2036	2504	4455	3960	207	19	0.12	74	3	-2	15.8	19.1
6	5	5	5	5	14	20	12	12	2036	2036	4010	4010	217	18	0.12	74	4	-2	19.5	20.5
7	5	5	11	11	27	29	12	12	2504	2036	3069	3069	187	21	0.56	60	4	-2	22.1	22.9
8	0	5	5	5	35	35	12	12	2036	2036	3168	3168	172	23	0.56	60	13	-2	22.9	23.6
9	5	5	11	11	39	40	13	13	2036	2036	3465	3465	177	22	0.40	44	7	-2	24.5	25.9
10	5	5	11	11	45	47	14	14	2036	2036	1733	1733	177	22	0.40	44	10	-2	25.7	27.2
11	5	5	11	11	48	47	13	13	2036	2036	2475	2475	157	25	0.78	53	20	-2	24.7	25.2
12	5	5	11	11	45	44	13	13	2036	2036	1733	1733	157	25	0.78	53	20	-2	24.8	24.4
13	5	5	11	11	38	38	13	13	2036	2036	1238	1238	142	28	0.86	56	23	-2	25.5	24.7
14	5	5	11	11	35	34	13	13	2036	2036	1980	1980	137	29	0.86	56	23	-2	25.5	24.9
15	5	5	11	11	38	36	13	13	2036	2036	1980	1980	132	30	0.50	47	19	-2	27.3	26.0
16	5	5	5	5	42	41	13	13	2036	2036	1980	1980	127	31	0.50	47	7	-2	28.8	28.2
17	5	5	11	11	30	30	13	13	7652	7184	2129	2129	132	30	0.17	43	14	-2	27.3	27.5
18	5	5	11	11	27	26	13	13	32456	32456	1832	1832	137	29	0.17	43	17	-2	25.4	25.7
19	5	5	11	5	22	24	13	13	22160	19352	1287	1287	137	29	0.08	62	17	-2	23.6	24.2
20	5	5	11	11	17	17	12	12	31520	31520	941	941	132	30	0.08	62	15	-2	22.9	23.3
21	5	5	11	11	17	17	12	12	12800	12800	891	891	107	37	0.06	74	15	-2	22.6	22.8
22	5	5	11	11	21	22	17	12	8120	8120	792	792	112	35	0.06	74	17	-2	22.4	22.8
23	5	5	5	5	20	20	12	12	8120	8120	495	495	122	32	0.05	70	17	-2	22.4	22.8

22 * = 1/MEGAMETERS
 ** = CAL/SQUARE CM-MIN

NANSEMOND RIVER

16 1974

HOOR	ND	ND	ND2	NJ2	03	03	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
					PARTS		PER BILLION						*	KM	**	%	MPH	N	C	C
0	5	5	11	11	21	23	12	12	8120	8120	446	446	137	29	0.05	70	9	-2	22.2	22.6
1	5	5	11	11	21	22	12	12	7184	7184	347	99	137	29	0.05	78	8	-2	21.7	22.0
2	5	5	11	11	20	20	12	12	5780	6248	50	50	142	28	0.05	78	9	-2	21.2	21.5
3	5	5	11	11	21	22	12	12	4376	3908	248	248	132	30	0.05	85	13	-2	20.9	21.3
4	5	5	11	11	19	21	12	12	3440	3440	3	3	127	31	0.05	85	12	-2	20.7	21.0
5	5	5	11	11	21	23	12	12	3440	3440	3	3	122	32	0.07	84	12	-2	20.5	20.7
6	5	5	11	11	20	20	12	12	3440	3440	3	3	122	32	0.07	84	8	-2	21.0	21.3
7	5	5	11	11	20	20	12	12	2972	2972	3	3	117	33	0.35	75	11	-2	22.4	22.6
8	5	5	11	11	25	27	17	12	2504	2504	3	3	97	40	0.35	75	15	-2	24.5	25.5
9	5	5	5	5	30	30	12	12	2036	2036	990	990	77	51	0.44	40	14	-2	26.6	28.0
10	5	5	5	5	27	25	12	12	1568	1568	990	990	67	58	0.44	40	17	-2	26.8	28.0
11	0	0	5	5	25	26	13	13	1568	1568	1733	1733	62	63	0.82	34	17	-2	27.0	27.9
12	0	0	5	5	25	26	13	13	1568	1568	2228	2228	57	69	0.82	34	16	-2	27.3	28.0
13	0	0	5	5	27	27	15	16	1568	1568	2475	2475	62	63	0.69	36	15	-2	27.0	27.7
14	0	0	5	5	22	22	17	16	1100	1100	2970	2970	52	75	0.69	36	16	-2	26.8	27.4
15	0	0	5	5	24	25	15	15	2036	1568	2723	2723	62	63	0.40	57	22	-2	25.0	25.9
16	5	5	11	11	25	26	14	14	1568	1568	2970	2970	72	54	0.40	57	22	-2	22.9	22.8
17	0	0	11	11	21	21	13	13	1100	1100	3218	3218	62	63	0.22	65	11	-2	24.1	24.1
18	5	5	11	11	11	11	13	13	1100	1100	3168	3168	47	83	0.22	65	11	-2	22.7	22.9
19	5	5	16	15	3	2	13	13	1100	1100	2921	2921	42	93	0.07	83	8	-2	21.7	22.1
20	5	5	11	11	0	0	14	14	1100	1100	2673	2673	42	93	0.07	83	9	-2	21.2	21.3
21	0	0	11	11	1	1	13	13	1100	1100	2178	2178	32	123	0.05	80	16	-2	21.0	21.3
22	0	0	5	5	19	21	13	13	1100	1100	1634	1634	32	123	0.05	80	19	-2	19.5	19.9
23	0	0	5	5	21	20	13	13	632	632	1634	1881	32	123	0.04	86	12	-2	18.3	18.7

N **=1/MEGAMETERS
S ***=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 17 1974

HOUR	NO	NO	NU2	NU2	03	03	S	S	HC	HC	CO	CO	B-S*	VS*	SRAD	RH	WSPD	WDIR	T-15	T-75	
		-----PARTS				PER BILLION-----								*	KM	**	%	MPH	N	C	C
0	0	0	5	5	21	20	13	13	1100	1100	1634	1881	32	123	0,04	86	12	-2	18,3	18,7	
1	5	5	5	5	15	15	13	13	1100	1100	1386	1634	37	106	0,04	88	20	-2	18,7	19,4	
2	5	5	5	5	12	13	13	13	1100	1100	1386	1386	42	93	0,04	88	18	-2	18,8	19,3	
3	0	0	5	5	15	14	13	13	1568	1568	1385	1386	42	93	0,05	86	10	-2	18,7	19,1	
4	5	5	11	11	16	17	13	13	1100	1100	1337	1337	42	93	0,05	86	6	-2	18,7	19,1	
5	0	0	5	5	13	16	13	13	1100	1568	1337	1337	42	93	0,08	82	-4	-2	18,3	18,8	
6	0	0	5	5	22	26	13	13	1100	1100	1337	1584	42	93	0,08	82	4	-2	19,7	20,4	
7	5	5	5	5	14	15	13	13	1100	1100	1832	1832	47	83	0,15	74	5	-2	20,3	20,9	
8	0	0	11	11	13	16	13	13	1568	1568	2178	2030	57	69	0,15	74	10	-2	21,2	21,3	
9	0	0	5	5	24	24	13	13	1568	1568	2178	2030	57	69	0,32	56	15	-2	22,2	22,5	
10	5	5	5	5	32	32	13	13	1568	1568	2525	2525	62	63	0,32	56	23	-2	23,1	23,3	
11	0	0	5	5	36	37	13	13	1568	1568	-3	-3	67	58	0,90	47	19	-2	23,1	23,3	
12	5	5	5	5	43	45	14	14	1568	1568	-3	-3	77	51	0,90	47	20	-2	23,8	23,3	
13	5	5	5	5	52	49	14	14	2504	2504	-3	-3	87	45	0,60	50	14	-2	24,8	24,4	
14	5	5	5	5	52	49	14	14	625	578	-3	-3	92	42	0,60	50	6	-2	25,5	24,7	
15	5	5	11	11	47	20	14	14	625	672	-3	-3	82	48	0,35	59	1	-2	24,5	23,9	
16	5	5	5	5	43	43	14	14	578	578	-3	-3	72	54	0,35	59	2	-2	24,1	23,8	
17	5	5	11	11	36	37	14	14	578	578	-3	-3	72	54	0,10	66	0	-2	23,6	23,4	
18	5	5	11	11	40	39	14	14	625	578	-3	-3	77	51	0,10	66	1	-2	23,1	23,3	
19	5	5	11	11	39	20	14	14	2778	1795	-3	-3	107	37	0,05	65	2	-2	22,6	22,8	
20	5	5	11	11	40	19	14	14	3339	3433	-3	-3	112	35	0,05	65	2	-2	22,1	22,8	
21	5	5	11	11	38	31	13	13	3433	3573	-3	-3	122	32	0,04	77	2	-2	21,9	22,6	
22	5	5	11	11	31	38	13	13	1467	1514	-3	-3	102	38	0,04	77	3	-2	20,7	22,0	
23	5	5	5	5	34	34	12	12	4182	3994	-3	-3	107	37	0,03	80	1	-2	20,5	21,2	

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24 * = 1/MEGAMETERS
** = CAL/SQUARE CM-MIN

NANSEMOND RIVER - 18 1974

HOUR	NO	NU	NU2	NJ2	O3	O3	S		HC		CO	CO	B-SR	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							PARTS PER BILLION													
0	5	5	5	5	30	34	13	13	3526	2871	-3	-3	117	33	0.03	80	0	-2	19.7	20.7
1	5	5	11	11	22	22	13	13	2216	1935	-3	-3	107	37	0.04	75	0	-2	19.8	20.5
2	5	5	5	5	19	12	12	12	1561	1561	-3	-3	97	40	0.04	75	0	-2	19.7	20.5
3	5	5	11	11	12	13	12	12	1561	1467	-3	-3	112	35	0.05	75	0	-2	18.3	19.4
4	5	5	11	11	7	6	13	13	1748	1701	248	0	127	31	0.05	75	2	-2	18.0	18.7
5	5	5	11	11	8	10	13	13	1608	1608	-3	-3	102	38	0.30	48	2	-2	18.3	19.1
6	5	5	11	11	13	12	12	12	1514	1374	149	149	92	42	0.30	48	2	-2	19.8	20.9
7	5	5	5	5	16	16	12	12	1561	1608	0	0	92	42	0.85	33	1	-2	21.4	22.8
8	5	5	5	5	23	23	12	12	1327	1327	347	99	87	45	0.85	33	1	-2	22.2	24.7
9	5	5	5	5	27	26	13	13	1561	1327	891	891	77	51	0.87	23	1	-2	23.3	25.2
10	5	5	5	5	31	32	13	13	1233	1233	990	743	77	51	0.87	23	1	-2	24.5	25.9
11	5	5	5	5	35	36	13	13	1140	1140	495	495	82	48	1.70	20	2	-2	25.0	25.7
12	0	0	5	5	39	43	13	13	1280	1186	0	0	77	51	1.70	20	4	-2	26.3	26.0
13	0	0	5	5	39	39	13	13	1140	1140	1238	1238	87	45	0.75	18	3	-2	26.4	27.0
14	0	0	5	5	38	39	13	13	2310	2590	1931	1931	82	48	0.75	18	2	-2	26.8	27.0
15	5	5	5	5	45	45	13	13	2871	3058	1881	1881	92	42	0.40	23	1	-2	27.1	27.2
16	0	0	5	5	68	67	14	14	1982	1842	1832	1832	122	32	0.40	23	1	-2	26.4	26.2
17	5	5	5	5	71	70	14	14	2918	2918	2030	2030	162	24	0.80	40	4	-2	26.4	26.4
18	5	5	5	5	64	61	14	14	2778	2778	1980	1980	137	29	0.80	40	8	-2	24.8	25.2
19	5	5	5	5	37	57	13	14	2965	2871	1931	1931	162	24	0.20	70	11	-2	20.3	23.3
20	5	5	5	5	32	48	13	14	3152	5118	1634	1634	197	20	0.20	70	15	-2	17.8	22.6
21	5	5	16	15	23	30	13	14	3433	3492	1584	1584	227	17	0.20	84	20	-2	17.1	21.5
22	5	5	16	15	15	25	13	13	5445	4884	1535	1535	247	16	0.20	84	9	-2	17.0	20.9
23	5	5	16	15	4	9	15	17	3994	3901	1931	1683	282	14	0.02	91	15	-2	16.3	19.4

*=1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 19 1974

HOUR	NU	ND	NU2	ND2	U3	D3	S	S	HC	HC	CO	CO	B-Sr	YSB	SRAD	RH	WSPD	WDIR	T-15	T-75
-----PARTS PER BILLION-----											*	KM	**	%	MPH	N	C	C		
0	5	5	22	22	0	19	15	15	3714	4650	1634	1881	272	14	0.02	91	16	-2	15.3	20.2
1	5	5	16	16	2	22	14	14	3620	4696	1584	1584	252	15	0.02	88	14	-2	14.8	19.1
2	5	5	11	11	0	29	15	15	3901	4977	1287	1287	257	15	0.02	88	14	-2	14.3	18.8
3	5	5	11	11	7	17	15	15	4650	5305	743	743	247	16	0.04	87	16	-2	14.7	14.5
4	5	5	11	11	9	13	13	13	3433	3433	693	693	212	18	0.04	87	15	-2	14.8	16.3
5	5	5	11	11	3	7	12	12	4088	3714	644	644	207	19	0.35	65	13	-2	17.6	19.0
6	5	5	16	16	10	14	17	12	2965	2918	842	842	207	19	0.35	65	17	-2	22.7	23.3
7	5	5	11	11	22	22	17	12	2497	2497	1980	1980	137	29	0.80	25	9	-2	25.5	27.0
8	5	5	5	5	30	32	12	12	1982	1982	3168	3168	112	35	0.80	25	8	-2	26.6	28.4
9	5	5	5	5	38	37	12	12	2122	2122	3366	3366	107	37	0.88	23	6	-2	27.3	29.5
10	5	5	5	5	42	42	12	12	1935	2029	3762	3762	117	33	0.88	23	2	-2	27.7	30.5
11	5	5	5	5	52	55	12	12	2076	2029	2723	3218	122	32	0.75	22	1	-2	28.8	30.5
12	5	5	11	11	53	53	13	13	2403	2403	644	644	127	31	0.75	22	6	-2	29.1	29.4
13	5	5	5	5	60	55	13	13	2356	2403	1238	1238	132	30	0.55	23	1	-2	28.8	29.4
14	0	0	5	5	64	62	13	13	3714	3433	1980	1980	137	29	0.55	23	1	-2	29.5	30.5
15	0	0	5	5	74	72	13	13	3012	2824	1733	1733	152	26	0.30	25	1	-2	30.7	30.7
16	5	5	5	5	64	68	14	14	2684	2684	1980	1980	162	24	0.30	25	1	-2	29.3	29.9
17	0	0	5	5	55	55	13	13	2450	2497	2228	1980	147	27	0.15	37	2	-2	28.4	28.9
18	0	0	5	5	48	48	13	13	2590	2497	2228	1980	142	28	0.15	37	1	-2	27.3	27.9
19	5	5	5	5	51	52	13	13	4650	4650	2228	2228	147	27	0.05	56	2	-2	25.5	25.9
20	5	5	5	5	41	40	12	12	6756	6849	1733	1733	147	27	0.05	56	1	-2	23.8	24.4
21	5	5	11	11	42	42	12	12	6568	6522	1733	1733	157	25	0.04	60	3	-2	23.1	23.4
22	5	5	11	11	46	45	12	12	3901	3620	1485	1485	142	28	0.04	60	3	-2	22.6	23.1
23	5	5	11	11	37	37	12	12	2731	2590	1931	1683	147	27	0.02	91	3	-2	21.9	22.3

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*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 20 1974

HOUR	NO	NJ	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-SIC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
						PARTS	PER	BILLION					*	KM	**	%	MpH	N	C	C
0	5	5	11	11	35	36	12	12	2965	2824	1634	1386	137	29	0.02	91	4	-2	21.7	22.1
1	5	5	11	11	36	37	12	12	2590	2590	1337	1089	132	30	0.02	88	4	-2	21.0	21.3
2	5	5	11	11	30	31	12	12	2497	2497	1337	1337	142	28	0.02	88	6	-2	20.2	20.5
3	5	5	11	11	25	25	12	12	2263	2169	1337	1337	147	27	0.04	87	6	-2	19.8	20.2
4	5	5	11	11	22	22	12	12	2076	2122	1040	1040	162	24	0.04	87	9	-2	20.2	20.5
5	5	5	11	11	11	12	12	12	1935	1795	1287	1287	172	23	0.40	65	5	-2	20.9	21.3
6	0	0	11	11	10	10	12	12	1748	1654	1287	1287	122	32	0.40	65	4	-2	23.3	23.6
7	5	5	11	11	18	17	12	12	1654	1748	1287	1287	122	32	0.60	25	4	-2	25.0	25.5
8	5	5	11	11	25	25	12	12	2169	2029	1287	1287	122	32	0.80	23	2	-2	26.4	26.5
9	5	5	11	11	36	36	12	12	2216	2122	1485	1733	122	32	0.88	23	1	-2	27.5	28.0
10	5	5	11	11	41	39	12	12	2263	2216	1980	1980	132	30	0.88	23	1	-2	29.3	26.5
11	5	5	5	5	45	45	13	13	2778	2778	1238	1238	142	28	0.75	22	1	-2	30.7	30.7
12	0	0	5	5	42	42	14	14	3714	3714	990	990	142	28	0.75	22	0	-2	31.5	31.6
13	5	5	5	5	42	42	14	14	2169	2169	1238	1238	137	29	0.55	23	1	-2	32.4	32.4
14	5	5	5	5	44	44	14	14	1654	1701	1683	1683	127	31	0.55	23	1	-2	32.8	32.8
15	5	5	5	5	45	45	15	15	1514	1561	1881	1881	137	29	0.30	25	1	-2	33.1	32.8
16	5	5	5	5	45	45	14	14	2216	2076	1832	1832	157	25	0.30	25	2	-2	30.2	30.9
17	0	5	5	5	39	40	14	14	2497	2450	1782	1782	137	29	0.15	37	19	-2	25.5	26.2
18	5	5	11	11	33	31	14	14	1748	1748	990	1238	132	30	0.15	37	8	-2	19.7	20.1
19	5	5	11	11	39	39	13	13	1233	1327	1485	1238	147	27	0.05	56	4	-2	19.0	17.7
20	5	5	11	11	35	35	12	12	859	906	743	990	162	24	0.05	56	1	-2	19.0	20.1
21	5	5	5	5	35	36	12	12	1093	1093	1238	1238	162	24	0.04	60	1	-2	20.5	21.8
22	5	5	5	5	31	32	12	12	765	859	1238	1238	162	24	0.04	60	1	-2	19.3	20.7
23	0	0	0	0	28	28	11	11	484	456	1238	1089	154	25	0.05	88	4	-2	19.0	21.0

ORIGINAL PAGE IS
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**1/MEGAMETERS
**=CAL/SQUARE CM-MIN

NANSEMOND RIVER - "" 21 1974

HOUR	NO	NJ	NO2	NO3	O3	O3	S	S	HC	HC	CO	CO	B-SF	YSB	SRAD	RH	WSPD	WDIR	T-15	T-75
						PARTS	PER	BILLION					*	KH	**	%	MPH	N	C	C
0	0	0	0	0	25	24	11	11	456	438	1287	1287	154	25	0.05	88	4	-2	19.2	20.5
1	0	0	0	0	21	21	11	11	438	438	1089	1337	154	25	0.05	90	4	-2	19.3	20.2
2	0	0	0	0	20	21	11	11	456	456	1386	1139	154	25	0.05	90	4	-2	19.3	20.1
3	0	0	0	0	19	20	11	11	494	484	1435	1188	154	25	0.06	90	4	-2	19.3	19.9
4	0	0	0	0	17	19	12	12	859	672	1238	1238	154	25	0.06	90	4	-2	19.2	19.9
5	0	0	0	0	16	17	11	11	999	999	1535	1535	154	25	0.22	75	4	-2	20.2	20.8
6	0	0	0	0	16	18	11	11	1420	1420	1832	1584	154	25	0.22	75	4	-2	21.7	22.1
7	0	0	0	0	21	23	11	11	1467	1467	1881	1634	154	25	0.83	56	4	-2	22.6	23.3
8	0	0	0	0	25	27	12	12	1374	1467	1683	1683	154	25	0.83	56	4	-2	24.2	25.3
9	0	0	0	0	33	32	12	12	765	812	1485	1485	153	26	0.85	44	4	-2	26.1	26.8
10	0	0	0	0	37	38	12	12	906	952	1238	1733	153	26	0.85	44	4	-2	27.1	27.9
11	0	0	0	0	38	41	12	12	906	906	1980	1733	153	26	0.85	36	4	-2	28.4	28.4
12	0	0	0	0	42	43	13	13	1093	1140	1980	1980	153	26	0.85	36	4	-2	29.3	29.5
13	0	0	0	0	43	44	13	13	1046	1093	2475	2475	153	26	0.55	33	4	-2	29.7	29.9
14	0	0	0	0	43	43	13	13	2778	2871	2376	2475	152	26	0.55	33	4	-2	29.8	30.0
15	0	0	0	0	43	44	13	13	1140	1280	2426	2673	152	26	0.32	40	4	-2	30.0	30.2
16	0	0	0	0	44	45	13	13	3246	3433	2376	2525	152	26	0.32	40	4	-2	29.6	29.2
17	0	0	2	2	45	46	13	13	2590	2216	2525	2673	152	26	0.12	45	4	-2	28.6	29.2
18	0	0	0	0	45	47	13	13	1842	1935	2426	2277	152	26	0.12	45	4	-2	27.8	28.4
19	0	0	0	0	47	47	13	13	2029	1935	2178	2129	152	26	0.08	60	4	-2	27.1	27.8
20	0	0	0	0	45	43	12	12	2356	2356	2079	2079	151	26	0.08	60	4	-2	26.3	27.0
21	0	0	0	0	39	41	12	12	2450	2403	1782	1782	152	26	0.07	65	4	-2	26.0	26.7
22	0	0	0	0	38	37	12	12	2076	1982	1980	1881	152	26	0.07	65	4	-2	25.8	26.4
23	4	4	8	8	38	37	13	13	1467	1561	1931	1931	147	27	0.07	67	1	-2	26.1	26.5

28

#=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

NANSEMOND RIVER - J 12 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-SR	VSB	SRAD	RH	WSPD	WDIR	T=15	T=75
							PARTS PER. BILLION						*	KM	**	%	MpH	N	C	C
0	4	4	8	8	32	32	13	13	1280	1140	1881	1881	147	27	0.07	67	1	-2	23.5	26.2
1	4	4	8	8	29	29	13	13	1420	1467	1832	1832	147	27	0.07	80	2	-2	24.3	25.1
2	4	4	8	8	25	26	12	12	2403	2403	1733	1733	147	27	0.07	80	1	-2	24.0	24.7
3	3	3	7	7	23	23	12	12	3433	3386	1683	1683	147	27	0.08	83	1	-2	23.3	23.9
4	3	3	8	8	19	21	12	12	3105	3012	1634	1634	147	27	0.08	83	1	-2	23.3	23.9
5	4	4	10	10	20	21	12	12	3339	3199	1584	1584	147	27	0.31	74	1	-2	23.4	24.1
6	4	4	10	10	17	19	12	12	2684	2778	1782	1782	147	27	0.31	74	1	-2	24.5	25.4
7	4	4	10	10	21	20	13	13	1748	1608	1733	1733	147	27	0.60	57	1	-2	26.4	27.4
8	3	3	7	7	23	25	13	13	1140	1280	1634	1634	142	28	0.60	57	1	-2	26.1	27.2
9	3	3	7	7	34	36	13	13	1467	1561	1832	1733	142	28	0.80	47	1	-2	27.5	29.5
10	3	3	8	8	45	45	14	14	2076	1935	2030	2030	142	28	0.80	47	1	-2	28.8	31.4
11	4	4	8	8	52	53	14	14	4369	4369	2228	2228	142	28	0.80	39	1	-2	30.0	32.3
12	4	4	8	8	59	60	14	14	4603	4650	1485	1485	142	28	0.80	39	1	-2	30.4	31.1
13	3	3	8	8	55	55	14	14	3526	3526	1733	1733	142	28	0.05	60	1	-2	30.0	30.9
14	3	3	7	7	42	42	14	14	2778	2778	1980	1980	142	28	0.05	60	1	-2	24.1	24.9
15	3	3	7	7	55	39	13	13	204	204	990	990	142	28	0.18	90	1	-2	21.2	21.5
16	3	3	8	8	31	31	13	13	63	63	842	594	142	28	0.18	90	1	-2	21.2	21.7
17	4	4	8	8	28	29	12	12	63	63	891	644	142	28	0.07	85	1	-2	22.6	23.6
18	4	4	8	8	29	29	12	12	438	344	941	941	142	28	0.07	85	1	-2	22.2	22.8
19	5	5	8	8	40	41	12	12	578	438	495	495	142	28	0.06	87	1	-2	24.0	22.6
20	4	4	8	8	30	31	12	12	204	297	594	594	142	28	0.06	87	1	-2	21.2	21.8
21	3	3	8	8	22	22	12	12	531	625	891	891	137	29	0.05	92	1	-2	21.2	21.7
22	3	3	8	8	20	21	12	12	812	672	941	941	137	29	0.05	92	1	-2	21.2	21.8
23	4	4	8	8	14	17	12	12	718	672	792	792	137	29	0.05	92	1	-2	21.0	21.7

29 * = 1/MEGAMETERS
 ** = CAL/SQUARE CM-MIN

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
					PARTS PER BILLION								*	KM	**	%	MPH	N	C	C
0	4	4	10	10	14	15	12	12	812	765	842	842	137	29	0.05	92	2	-2	20.9	21.5
1	4	4	10	10	15	16	12	12	812	718	891	891	137	29	0.05	90	1	-2	20.9	21.5
2	4	4	8	8	14	15	12	12	672	625	941	941	137	29	0.05	90	1	-2	20.6	21.5
3	3	3	7	7	17	17	12	12	718	765	792	1040	137	29	0.06	89	2	-2	21.0	22.0
4	3	3	8	8	13	15	12	12	765	765	1089	1089	137	29	0.06	89	2	-2	21.2	22.3
5	4	4	8	8	13	12	12	12	1046	812	1139	1139	137	29	0.42	75	2	-2	22.1	23.1
6	4	4	11	11	9	9	12	12	1046	999	1436	1188	137	29	0.42	75	2	-2	23.8	25.2
7	5	5	10	10	16	17	12	12	1140	1093	1485	1485	137	29	0.80	57	1	-2	25.7	26.5
8	4	4	8	8	26	26	13	13	1701	1842	1782	1535	135	29	0.80	57	1	-2	27.3	28.0
9	3	3	7	7	32	31	13	13	1888	1748	2079	2079	132	30	0.70	47	2	-2	28.8	29.5
10	3	3	7	7	41	41	13	13	1935	1842	2129	2129	134	29	0.70	47	1	-2	29.7	32.1
11	4	4	7	7	43	43	13	13	1654	1654	2426	2426	134	29	0.85	39	1	-2	29.3	30.7
12	4	5	7	7	52	52	13	13	1280	1196	2475	2228	134	29	0.85	39	1	-2	31.5	31.9
13	4	4	7	7	55	56	14	14	859	812	2426	2426	136	29	1.00	47	1	-2	29.8	30.7
14	2	2	7	7	41	40	13	13	344	250	2376	2376	147	27	1.00	47	2	-2	24.8	25.5
15	3	3	7	7	43	42	13	13	204	157	2277	2030	152	26	0.09	91	1	-2	21.4	21.7
16	4	4	8	8	39	39	12	12	157	110	1931	1931	157	25	0.09	91	2	-2	21.0	21.2
17	5	5	13	13	31	30	12	12	63	63	1832	1832	157	25	0.08	87	1	-2	21.2	21.5
18	5	5	14	14	33	33	12	12	157	204	2228	2228	157	25	0.08	87	2	-2	21.5	22.5
19	5	5	10	10	41	41	12	12	906	859	1733	1980	155	25	0.05	92	1	-2	21.2	22.3
20	3	3	8	8	35	34	12	12	625	578	1733	1733	155	25	0.05	92	1	-2	20.3	21.0
21	4	4	8	8	25	25	12	12	578	531	1733	1485	152	26	0.06	-2	2	-2	19.8	20.1
22	4	4	8	8	13	13	12	12	297	297	1535	1287	152	26	0.06	-2	2	-2	19.3	19.8
23	4	4	10	10	-2	-2	12	12	438	391	1337	1584	152	26	0.05	-2	2	-2	18.8	19.6

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 **=1/MEGAMETERS
 ***=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 24 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S		HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							PER	BILLION											C	C
-----PARTS-----																				
0	4	4	8	8	-2	-2	12	12	438	344	1881	1634	152	26	0,05	-2	2	-2	18,8	19,6
1	4	4	8	8	-2	-2	11	11	204	110	1436	1436	152	26	0,04	-2	2	-2	18,5	19,1
2	4	4	8	8	-2	-2	11	11	157	110	1238	1238	157	25	0,04	-2	1	-2	18,1	18,8
3	3	3	8	8	-2	-2	11	11	157	204	1782	1535	157	25	0,05	-2	1	-2	17,8	18,5
4	3	3	8	8	-2	-2	11	11	297	250	2079	1832	157	25	0,05	-2	1	-2	18,0	18,5
5	3	3	7	7	-2	-2	11	11	297	297	1881	2129	162	24	0,07	-2	1	-2	18,0	18,3
6	4	4	8	8	-2	-2	12	12	438	391	2129	2129	167	23	0,07	-2	1	-2	17,8	17,9
7	3	3	10	10	-2	-2	12	12	672	718	2426	2426	167	23	0,04	68	1	-2	17,5	17,7
8	3	3	8	8	-2	-2	12	12	718	765	2475	2475	167	23	0,04	68	1	-2	17,6	17,9
9	3	3	8	8	17	20	12	12	1280	1046	2723	2475	-2	-2	0,10	62	1	-2	18,0	18,3
10	3	3	8	8	24	25	12	12	906	859	2079	2079	-2	-2	0,10	62	1	-2	18,7	19,1
11	3	3	8	8	27	28	12	12	1093	906	2129	1881	-2	-2	0,32	55	1	-2	19,3	19,8
12	3	3	3	8	29	28	12	12	672	204	1634	1634	-2	-2	0,32	55	1	-2	19,5	19,9
13	4	4	8	8	39	38	12	12	578	484	1485	1485	-2	-2	0,20	54	16	-2	20,3	20,5
14	4	4	10	10	40	39	12	12	765	812	2228	1980	-2	-2	0,20	54	16	-2	20,5	20,9
15	4	4	8	8	47	46	12	12	718	765	2228	1980	-2	-2	0,22	61	17	-2	21,2	21,5
16	5	3	11	11	50	49	12	12	812	812	1980	1980	-2	-2	0,22	61	20	-2	21,0	21,5
17	5	3	10	10	41	42	12	12	1093	1186	2228	2228	-2	-2	0,17	62	19	-2	20,5	20,9
18	4	4	8	8	52	51	12	12	765	952	1980	1980	-2	-2	0,17	62	19	-2	20,3	20,9
19	3	3	8	8	49	49	12	12	1140	1280	1980	1733	-2	-2	0,08	63	13	-2	20,2	20,7
20	3	3	8	8	35	33	12	12	1280	1280	1980	1980	-2	-2	0,08	63	14	-2	20,0	20,7
21	3	3	7	7	40	40	12	12	906	952	1733	1980	-2	-2	0,03	70	12	-2	19,8	20,5
22	4	4	7	7	31	34	12	12	1093	999	1980	1733	-2	-2	0,03	70	6	-2	19,2	19,8
23	3	3	8	8	28	30	12	12	765	718	1980	1733	-2	-2	0,02	52	11	-2	19,0	19,9

31.

*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

NANSEMOND RIVER - .25 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-Sr	VSB	SRAD	RH	WSPD	WDIR	T=15	T=75
					PARTS		PER BILLION						#	KM	**	%	MPH	N	C	C
0	2	2	8	8	37	35	12	12	672	672	1733	1485	-2	=2	0.02	52	16	-2	19.5	20.1
1	3	3	8	8	37	36	12	12	672	578	3465	1485	-2	=2	0.02	65	15	-2	19.2	19.8
2	3	3	8	8	40	39	12	12	718	672	1733	1485	-2	=2	0.02	65	15	-2	19.0	19.6
3	3	3	8	8	35	35	12	12	672	625	1485	1485	-2	=2	0.04	72	12	-2	19.0	19.6
4	4	4	8	8	29	29	12	14	765	812	1980	1733	-2	=2	0.04	72	16	-2	19.0	19.6
5	4	4	10	10	28	27	14	14	765	812	1980	1733	-2	=2	0.04	75	15	-2	19.0	19.4
6	4	4	10	10	36	33	12	12	625	578	2228	2228	-2	=2	0.04	75	19	-2	19.0	19.4
7	3	3	8	8	30	31	12	12	391	391	1980	1980	-2	=2	0.07	73	21	-2	19.3	19.6
8	3	3	7	7	28	29	12	12	344	391	2228	2228	-2	=2	0.07	73	21	-2	19.7	19.8
9	3	3	7	7	29	28	12	12	297	297	1980	1980	-2	=2	0.42	66	23	-2	20.5	20.9
10	3	3	7	7	31	31	12	12	297	297	2228	2228	-2	=2	0.42	66	24	-2	21.0	21.0
11	4	4	8	8	30	29	12	12	297	250	743	743	-2	=2	0.74	60	23	-2	21.0	21.2
12	3	3	7	7	32	33	17	12	391	438	1980	1980	-2	=2	0.74	60	20	-2	20.3	23.8
13	2	2	5	5	37	39	17	12	484	484	2475	2475	-2	=2	0.80	57	19	-2	23.3	23.8
14	2	2	6	6	38	39	12	12	531	484	2426	2426	-2	=2	0.80	57	21	-2	23.1	22.6
15	3	3	7	7	37	37	13	13	625	625	2624	2376	-2	=2	0.63	57	21	-2	23.4	22.8
16	3	3	8	8	30	31	13	13	812	765	2327	2574	-2	=2	0.63	57	19	-2	23.1	23.8
17	3	3	7	7	31	32	13	13	765	765	2327	2327	-2	=2	0.40	68	16	-2	22.6	22.1
18	2	2	5	5	35	36	13	13	1093	1093	2772	2525	-2	=2	0.40	68	16	-2	21.2	21.5
19	2	2	6	6	47	63	13	13	1046	1093	1980	1980	-2	=2	0.10	89	18	-2	20.0	20.5
20	2	2	8	8	25	35	13	12	1514	1608	2178	2178	-2	=2	0.10	89	16	-2	18.1	19.4
21	3	3	11	11	14	16	12	12	1140	1093	2129	2376	-2	=2	0.03	92	16	-2	17.3	18.8
22	3	3	22	22	2	2	17	12	1186	1327	3317	3317	-2	=2	0.03	92	17	-2	17.3	18.2
23	3	3	26	25	0	0	12	12	1935	2450	2970	2723	-2	=2	0.02	90	8	-2	17.0	17.9

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OF POOR QUALITY

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**=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 26 1974

HOUR	NU	NU	UO2	UO2	O3	O3	S		HC		CN		B-S*	VSB KM	SRAD **	RH %	WSPD MPH	WDIR N	T-15	T-75
							PARTS PER BILLION												C	C
0	2	2	20	20	0	1	12	12	2918	2965	2376	2624	-2	-2	0.02	90	8	-2	16.6	17.6
1	3	3	16	16	0	1	12	12	2216	1935	2327	2327	-2	-2	0.02	93	7	-2	16.6	17.3
2	3	3	16	19	0	0	12	12	2029	1888	2030	1782	-2	-2	0.02	93	7	-2	16.3	17.4
3	3	3	15	15	0	2	12	12	1654	1514	1733	1733	-2	-2	0.02	92	7	-2	16.3	17.3
4	3	3	11	14	0	2	12	12	1608	1327	1436	1683	-2	-2	0.02	92	7	-2	16.3	17.3
5	2	2	12	12	0	2	12	12	1280	1093	1337	1337	-2	-2	0.03	76	8	-2	16.6	17.4
6	2	2	11	11	9	10	12	12	999	906	1485	1485	-2	-2	0.03	76	10	-2	18.3	18.8
7	3	3	11	11	16	16	12	12	952	906	1436	1436	-2	-2	0.28	55	9	-2	20.3	21.0
8	3	3	11	11	27	28	12	12	1046	952	1634	1634	-2	-2	0.28	55	10	-2	21.4	22.1
9	3	3	8	8	33	33	12	12	1046	999	1535	1535	-2	-2	0.60	51	11	-2	21.7	22.3
10	2	2	10	10	38	37	13	13	1233	1186	1733	1733	-2	-2	0.60	51	7	-2	22.4	22.6
11	2	2	8	8	39	39	13	13	1280	1186	990	990	-2	-2	0.62	62	19	-2	22.9	22.8
12	2	2	7	7	35	33	13	13	1186	1186	990	1238	-2	-2	0.62	62	22	-2	21.4	21.3
13	3	3	7	7	29	29	13	13	1374	1327	1287	1040	-2	-2	0.35	61	21	-2	20.5	20.7
14	3	3	8	8	27	27	12	12	1233	1280	1089	1089	-2	-2	0.35	61	19	-2	20.7	21.0
15	2	2	13	13	26	27	13	13	1093	1093	1634	1634	-2	-2	0.32	55	16	-2	21.0	21.5
16	2	2	11	11	25	29	13	13	1935	2684	1436	1436	-2	-2	0.32	55	17	-2	21.0	21.2
17	1	1	7	7	28	29	12	12	2684	2403	1436	1180	-2	-2	0.21	68	11	-2	19.8	20.4
18	2	2	8	8	24	26	17	12	2778	3292	1238	1238	-2	-2	0.21	68	10	-2	19.3	19.6
19	2	2	10	10	25	25	17	12	3573	2971	1287	1287	-2	-2	0.07	75	10	-2	19.0	19.3
20	4	4	11	11	24	24	12	12	1935	2356	1089	1337	-2	-2	0.07	75	9	-2	18.7	19.1
21	3	3	11	11	23	23	13	13	1327	1280	1089	1337	-2	-2	0.03	85	9	-2	18.5	18.8
22	3	3	13	13	12	12	12	12	3526	4369	1386	1386	-2	-2	0.03	85	6	-2	18.1	18.7
23	2	2	10	10	14	14	68	83	1186	1186	1386	1386	-2	-2	0.03	84	9	-2	18.0	18.5

3 * = 1/MEGAMETERS
3 ** = CAL/SQUARE CM-MIN

NANSEMOND RIVER - 27 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-SC #	VSB KM	SRAD **	RH %	WSPD MPH	WDIR N	T-15 C	T-75 C
-----PARTS PER BILLION-----																				
0	3	3	8	8	15	16	57	44	1214	1214	1188	1188	-2	-2	0.03	84	8	-2	18.1	18.7
1	3	3	10	10	16	19	14	14	1186	1186	1238	1238	-2	-2	0.03	83	9	-2	18.1	18.8
2	4	4	8	8	22	22	10	10	1168	1168	1040	1287	-2	-2	0.03	83	10	-2	18.7	19.0
3	4	4	8	8	25	26	10	9	1140	1149	1287	1287	-2	-2	0.03	78	13	-2	19.0	19.4
4	3	3	8	8	24	25	10	10	1140	1140	1089	1089	-2	-2	0.03	78	13	-2	19.3	19.8
5	3	3	8	8	21	21	10	10	1140	1140	1089	1089	-2	-2	0.35	73	14	-2	19.3	19.8
6	3	3	8	8	19	19	10	10	1158	1158	1386	1386	-2	-2	0.35	73	14	-2	19.3	19.8
7	3	3	11	11	16	17	10	10	1158	1158	1683	1683	-2	-2	0.06	88	13	-2	19.2	19.0
8	4	4	11	11	21	21	10	11	1158	1158	1436	1436	-2	-2	0.06	88	16	-2	18.8	18.3
9	4	4	8	8	23	24	10	10	1158	1168	1485	1485	-2	-2	0.13	87	21	-2	19.3	19.3
10	3	3	8	8	27	27	11	12	1158	1158	1485	1238	-2	-2	0.13	87	19	-2	19.3	19.3
11	3	3	8	8	30	29	17	12	1214	1214	1733	1733	-2	-2	0.18	90	24	-2	19.0	18.7
12	3	3	8	8	34	34	13	14	1252	1252	1485	1485	-2	-2	0.18	90	22	-2	18.5	18.3
13	3	3	8	8	31	31	19	18	1233	1233	1435	1485	-2	-2	0.13	92	29	-2	18.0	17.9
14	3	3	8	8	28	28	17	12	1214	1196	1238	1238	-2	-2	0.13	92	35	-2	17.8	17.9
15	3	3	8	8	25	27	17	11	1186	1186	1287	1287	-2	-2	0.15	80	42	-2	18.0	18.2
16	3	3	8	8	27	27	11	11	1177	1177	1337	1089	-2	-2	0.15	80	32	-2	19.0	19.3
17	3	3	7	7	29	29	15	14	1168	1168	1139	1386	-2	-2	0.22	68	36	-2	19.7	19.8
18	3	3	7	7	27	27	16	16	1158	1158	1436	1168	-2	-2	0.22	68	34	-2	19.5	19.8
19	3	3	6	6	30	31	15	15	1121	1121	1436	1436	-2	-2	0.05	67	34	-2	19.3	19.8
20	3	3	5	5	30	31	15	14	1112	1112	1485	1238	-2	-2	0.05	67	34	-2	19.2	19.6
21	3	3	5	5	30	30	14	14	1102	1102	1535	1535	-2	-2	0.03	72	36	-2	19.3	19.6
22	3	3	6	6	27	28	14	15	1102	1102	1782	1782	-2	-2	0.03	72	36	-2	19.3	19.8
23	3	3	7	7	24	25	12	12	1280	1280	1535	1535	-2	-2	0.03	94	29	-2	18.1	18.2

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 **=1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 28 1974

HOUR	NO		NO2		O3		S		HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	*	KM	**	%	MpH	N	C	C
0	4	4	8	8	21	21	12	12	906	812	1584	1337	-2	-2	0.03	94	30	-2	17.6	17.7
1	3	3	7	7	25	24	12	12	765	812	1386	1386	-2	-2	0.04	94	31	-2	17.3	17.3
2	3	3	6	6	21	21	12	12	812	718	1386	1386	-2	-2	0.04	94	30	-2	17.3	17.3
3	2	2	5	5	20	20	12	12	578	578	1188	1188	-2	-2	0.04	94	27	-2	17.5	17.6
4	2	2	6	6	18	17	12	12	578	625	1485	1238	-2	-2	0.04	94	22	-2	17.6	17.7
5	3	3	5	5	15	16	12	12	531	531	1485	1485	-2	-2	0.05	93	24	-2	17.6	17.7
6	3	3	7	7	19	18	12	12	484	484	1535	1535	-2	-2	0.05	93	23	-2	17.8	17.7
7	3	3	8	8	18	18	12	12	625	625	1584	1584	-2	-2	0.03	88	23	-2	17.8	17.9
8	3	3	7	7	16	16	12	12	999	999	1634	1634	-2	-2	0.08	88	18	-2	18.0	17.9
9	2	2	6	6	14	14	12	12	672	672	1436	1436	-2	-2	0.17	85	20	-2	18.0	18.2
10	2	2	6	6	13	14	12	12	484	484	1733	1733	-2	-2	0.17	85	21	-2	18.1	18.5
11	3	3	7	7	15	15	12	12	531	531	1485	1485	-2	-2	0.23	73	19	-2	19.3	19.4
12	3	3	7	7	14	15	12	12	531	531	1238	990	-2	-2	0.23	73	20	-2	19.3	19.6
13	3	3	6	6	14	15	12	12	672	578	1485	1238	-2	-2	0.25	73	19	-2	19.0	19.1
14	3	3	5	5	13	14	12	12	718	718	1188	1188	-2	-2	0.25	73	9	-2	19.2	19.4
15	2	2	5	5	13	13	12	12	906	952	1436	1436	-2	-2	0.20	73	20	282	19.0	17.6
16	3	3	5	5	11	11	12	12	812	812	1386	1386	-2	-2	0.20	73	8	282	19.2	19.4
17	3	3	6	6	11	11	12	12	765	718	1386	1386	-2	-2	0.19	78	9	285	19.3	19.1
18	3	3	7	7	10	11	12	12	718	718	1337	1337	-2	-2	0.19	78	11	301	18.8	19.1
19	4	4	7	7	10	10	12	12	625	625	1337	1337	-2	-2	0.12	86	11	307	18.1	18.3
20	3	3	7	7	8	8	12	12	718	718	1287	1040	-2	-2	0.12	86	13	314	17.6	17.9
21	4	4	7	7	9	9	12	12	812	812	1287	1040	-2	-2	0.08	88	13	318	17.5	17.7
22	3	3	7	7	4	4	12	12	999	1093	1485	1238	-2	-2	0.08	88	10	332	17.3	17.6
23	2	2	8	8	5	7	12	12	906	859	1485	1238	-2	-2	0.04	94	7	330	17.0	17.4

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 ***CAL/SQUARE CM-MIN

NANSEMOND RIVER - 29 1974

HOUR	NU	NO	NU2	NJ2	03	03	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T ₁₅	T ₇₅
-----PARTS PER BILLION-----													%	MPH	N	C	C			
0	2	2	5	7	0	0	12	12	1093	1046	1188	1188	-2	-2	0.04	94	1	240	15.8	16.9
1	2	2	6	7	0	0	12	12	1140	1093	1436	1188	-2	-2	0.03	96	1	121	15.7	16.8
2	2	2	7	7	0	0	12	12	1327	1046	1386	1139	-2	-2	0.03	96	3	155	15.0	16.3
3	3	3	7	7	-2	0	12	12	1046	1046	1386	1139	-2	-2	0.03	96	6	197	15.3	16.2
4	2	2	7	8	-2	0	12	12	1046	1046	1337	1089	-2	-2	0.03	96	2	119	14.8	15.4
5	2	3	7	11	0	0	13	13	1374	1327	1287	1040	-2	-2	0.06	87	3	135	15.3	16.2
6	1	1	12	12	0	0	15	15	1842	1748	1287	1287	-2	-2	0.06	87	1	226	18.3	19.4
7	1	0	13	13	0	0	15	17	1654	1654	1287	1287	-2	-2	0.21	78	7	186	18.0	18.3
8	1	1	5	5	5	5	12	12	1093	999	1238	1238	-2	-2	0.21	78	5	204	18.3	19.1
9	3	3	5	5	11	11	12	12	952	952	990	990	-2	-2	0.34	65	6	211	20.3	21.2
10	3	3	7	7	17	17	12	12	999	1046	1238	1238	-2	-2	0.34	65	6	312	22.2	23.4
11	3	3	7	7	26	25	12	12	999	999	1733	1733	-2	-2	0.80	63	7	330	23.3	24.1
12	3	3	5	5	28	28	12	12	1093	1093	1485	1485	-2	-2	0.80	63	13	330	23.6	24.1
13	2	2	6	6	31	30	12	12	1748	1701	1832	1832	-2	-2	0.82	50	15	289	24.5	25.2
14	3	3	7	7	35	37	12	12	1327	1327	1980	1980	-2	-2	0.82	50	15	282	25.2	26.0
15	3	3	7	7	32	32	12	12	1140	1186	1980	1980	-2	-2	0.69	43	14	258	26.8	26.4
16	3	3	8	8	33	33	12	12	1233	1233	1931	1931	-2	-2	0.69	43	10	276	26.4	26.5
17	3	3	8	8	35	36	12	12	1186	1186	1881	1881	-2	-2	0.37	47	10	272	25.9	26.0
18	4	4	8	8	32	33	12	12	1140	1140	1881	1881	-2	-2	0.37	47	8	291	24.7	24.9
19	4	4	8	8	15	28	12	12	1140	1140	1881	1881	-2	-2	0.09	83	2	218	21.4	23.1
20	3	3	7	7	8	22	12	12	1140	1046	1881	1881	-2	-2	0.09	83	4	236	19.7	22.5
21	4	4	8	13	4	11	12	12	1420	1280	1881	1881	-2	-2	0.03	92	7	184	18.5	21.3
22	5	5	10	11	9	12	12	12	1374	1327	2079	1832	-2	-2	0.03	92	9	184	18.8	20.5
23	5	5	12	12	0	6	14	12	1467	1420	1782	1782	-2	-2	0.03	92	8	213	18.0	19.8

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**1/MEGAMETERS
 ***CAL/SQUARE CM-MIN

NANSEMOND RIVER - " " " " 30 1974

HOUR	NO	N#	NO2	NJ2	O3	O3	S	S	HC	HC	CO	CO	B-S*	VS	SRAD	RH	WSPD	WDIR	T-15	T-75
-----PARTS PER BILLION-----													*	KM	**	%	MPH	N	C	C
0	5	5	14	14	0	0	17	12	1514	1420	1782	1782	-2	=2	0.03	92	9	206	19.0	19.1
1	5	5	12	12	1	1	17	12	1842	1795	1733	1980	-2	=2	0.03	91	10	206	17.8	18.8
2	3	3	10	10	3	4	13	13	2590	2450	1683	1436	-2	=2	0.03	91	10	215	17.8	18.5
3	3	3	8	8	5	7	12	12	1608	1561	1624	1634	-2	=2	0.03	77	11	217	17.5	18.0
4	3	3	8	8	5	7	12	12	1748	1701	1584	1337	-2	=2	0.03	77	10	218	17.1	17.9
5	4	4	8	8	9	9	12	12	2216	2169	1337	1584	-2	=2	0.06	45	13	240	18.3	19.1
6	4	4	8	8	11	12	12	12	1842	1842	1584	1584	-2	=2	0.06	45	12	251	20.5	20.7
7	4	4	8	8	16	17	12	12	1654	1561	1782	1782	-2	=2	0.40	36	10	244	22.4	23.1
8	3	3	8	7	23	25	17	12	1561	1561	1782	1782	-2	=2	0.40	36	14	244	23.4	24.6
9	3	3	7	7	30	32	12	12	1842	1795	1980	1733	-2	=2	0.72	33	17	244	25.0	26.2
10	4	4	8	8	51	51	13	13	3386	3433	1931	1931	-2	=2	0.72	33	21	245	26.4	27.2
11	4	4	7	7	47	51	13	13	2122	2122	1931	1931	-2	=2	0.80	28	22	245	27.1	27.5
12	4	4	8	8	53	53	13	13	1795	1842	2129	1881	-2	=2	0.80	28	23	244	28.2	28.0
13	3	3	6	5	63	63	13	13	1467	1561	1832	1832	-2	=2	0.98	26	28	245	28.9	28.7
14	2	2	6	5	59	60	13	13	1467	1514	2030	2030	-2	=2	0.98	26	27	247	29.7	29.0
15	2	2	5	5	59	59	13	13	1374	1420	2228	2228	-2	=2	0.68	28	28	233	29.5	29.2
16	3	3	6	5	59	61	13	13	1420	1327	2475	2475	-2	=2	0.68	28	29	244	29.3	29.0
17	3	3	7	7	57	58	13	13	1467	1420	1980	1980	-2	=2	0.29	50	21	236	28.4	28.5
18	2	2	7	7	63	66	13	13	1420	1467	1980	1980	-2	=2	0.29	50	14	211	27.0	27.4
19	2	2	7	7	56	58	13	13	1467	1467	1980	1733	-2	=2	0.09	67	8	190	24.5	24.9
20	2	2	7	7	51	52	13	13	1514	1467	1485	1485	-2	=2	0.09	67	8	190	22.7	23.4
21	3	3	7	7	47	48	13	13	1467	1420	1485	1485	-2	=2	0.04	78	10	200	21.9	22.5
22	3	3	8	8	46	47	13	13	1514	1420	1238	1485	-2	=2	0.04	78	8	190	21.5	22.0
23	3	3	8	8	41	42	12	12	1420	1374	1238	1238	-2	=2	0.04	73	8	186	20.5	21.2

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*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 1 1974

HOUR	NO	NO	NU2	NU2	09	03	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
-----PARTS PER BILLION-----													*	KM	**	%	MPH	N	C	C
0	3	3	8	8	40	39	12	12	1514	1467	1238	1238	-2	=2	0.04	73	15	200	20.5	21.3
1	3	3	7	7	37	37	12	12	1467	1467	1238	1238	-2	=2	0.05	70	20	222	21.7	22.1
2	3	3	7	7	41	41	12	12	1561	1420	1238	1238	-2	=2	0.05	70	24	229	21.6	22.1
3	3	3	7	7	38	40	12	12	1327	1420	1238	1238	-2	=2	0.04	72	24	229	21.6	22.1
4	3	3	7	7	37	37	12	12	1514	1420	1238	1238	-2	=2	0.04	72	22	231	21.4	21.8
5	3	3	8	8	35	35	12	12	1420	1420	1238	1238	-2	=2	0.06	74	22	233	21.3	21.7
6	3	3	8	8	31	32	12	12	1654	1608	1485	1238	-2	=2	0.06	74	25	242	22.2	22.5
7	3	3	8	8	30	45	13	13	2684	2497	1485	1485	-2	=2	0.36	55	23	247	23.8	24.1
8	3	3	8	8	35	37	13	13	2403	2403	1485	1485	-2	=2	0.36	55	21	251	25.7	26.0
9	3	3	7	7	43	46	13	13	2029	1935	1485	1485	-2	=2	0.08	35	20	251	27.3	27.4
10	3	3	7	7	47	47	13	13	2029	1935	1980	1733	-2	=2	0.08	35	19	247	28.4	29.0
11	3	3	7	7	52	54	13	13	1888	1842	1386	1386	-2	=2	0.75	34	22	245	29.5	29.4
12	4	4	7	7	55	57	14	14	2029	1935	1733	1733	-2	=2	0.75	34	21	245	30.2	29.9
13	3	3	7	7	65	69	14	14	1982	1842	2475	2475	-2	=2	0.90	34	19	247	30.7	30.5
14	3	3	7	7	63	66	15	15	1748	1842	2228	3218	-2	=2	0.90	34	19	242	31.5	31.1
15	3	3	7	7	63	66	15	15	1982	1982	2277	2277	-2	=2	0.57	36	18	253	31.3	31.1
16	3	3	7	7	65	67	15	15	2263	2263	2525	2525	-2	=2	0.57	36	17	229	30.9	31.0
17	3	3	6	5	66	70	14	14	2637	2664	2574	2574	-2	=2	0.25	47	18	236	29.5	29.7
18	3	3	7	7	63	64	14	14	2029	2029	2327	2574	-2	=2	0.25	47	16	233	28.0	28.5
19	3	3	7	7	55	59	14	14	2684	2590	2376	2376	-2	=2	0.07	73	12	218	26.4	27.4
20	3	3	7	7	41	45	13	13	2590	2544	2129	2129	-2	=2	0.07	73	7	200	24.7	25.9
21	3	3	7	7	31	33	13	13	2169	2122	2178	2178	-2	=2	0.05	77	7	195	24.1	25.1
22	3	3	7	7	32	34	13	13	2216	2076	2178	2178	-2	=2	0.05	77	10	222	24.5	25.9
23	3	3	8	8	34	38	13	13	2871	2918	1980	1980	-2	=2	0.04	80	12	312	24.5	25.4

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**=1/MEGAMETERS
 ***=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 2 1974

HOOR	NO	NU	NU2	NJ2	U3	U3	S	S	HC	HC	CO	CO	B-SC	VS8	SRAD	RH	WSPD	WDIR	T-15	T-75
	PARTS PER BILLION												#	KM	**	%	MPH	N	C	C
0	3	3	8	8	30	32	14	14	3105	3058	1930	1980	-2	=2	0.04	80	9	258	23.6	24.4
1	3	3	8	8	35	35	14	14	2918	2871	1732	1782	-2	=2	0.04	87	8	224	23.8	24.7
2	3	3	8	8	31	33	13	13	2965	3012	2030	1782	-2	=2	0.04	87	12	190	22.7	23.9
3	3	3	8	8	25	28	13	13	2590	2497	1832	1832	-2	=2	0.03	90	8	200	21.7	24.7
4	3	3	8	8	22	26	13	13	2684	2731	1832	1832	-2	=2	0.03	90	8	240	21.9	23.5
5	3	3	12	11	14	19	14	14	4041	4088	1831	2129	-2	=2	0.05	70	4	208	22.4	23.4
6	3	3	14	11	5	12	14	15	4462	5024	2129	2129	-2	=2	0.05	70	2	186	24.5	25.4
7	4	4	11	11	19	20	15	15	4556	4696	2178	2178	-2	=2	0.30	46	3	269	25.7	27.5
8	3	3	8	8	28	27	14	14	3012	2918	2178	2178	-2	=2	0.30	46	7	249	26.4	28.9
9	3	3	8	8	44	43	13	13	2263	2263	2228	2228	-2	=2	0.68	39	7	278	27.7	31.4
10	3	3	7	7	51	52	13	13	2076	2122	2228	2228	-2	=2	0.68	39	8	301	28.2	31.1
11	2	2	6	5	54	53	13	13	2169	2122	2871	2624	-2	=2	0.80	35	7	298	30.2	32.4
12	3	3	7	7	55	56	14	14	2450	2403	1733	1485	-2	=2	0.80	35	8	280	30.4	32.1
13	2	2	6	5	52	51	14	14	2497	2497	2475	2475	-2	=2	0.91	30	8	254	31.7	32.6
14	1	1	5	5	50	51	14	14	2544	2544	2475	2475	-2	=2	0.91	30	10	263	32.0	32.9
15	2	2	6	5	51	51	14	14	2403	2356	2475	2475	-2	=2	0.63	32	10	254	32.4	33.1
16	2	2	7	7	56	58	14	14	2731	2871	2772	2772	-2	=2	0.63	32	10	254	32.6	32.9
17	2	2	7	7	48	50	14	14	1888	1842	3257	3020	-2	=2	0.28	55	11	242	31.8	32.1
18	2	2	7	7	40	48	13	13	1842	1701	3317	3069	-2	=2	0.28	55	7	240	31.1	31.1
19	2	1	7	7	26	40	13	13	1561	2076	3069	3069	-2	=2	0.08	78	5	197	27.7	29.5
20	1	1	8	10	19	24	13	13	2637	3012	3119	3119	-2	=2	0.08	78	7	179	26.1	27.9
21	2	2	7	7	23	26	13	13	2263	2216	2871	2871	-2	=2	0.04	69	9	199	26.4	27.5
22	2	2	7	7	31	33	13	13	2122	2076	2772	2772	-2	=2	0.04	69	11	222	26.5	27.5
23	2	2	7	7	37	36	13	13	2169	2169	2921	2921	-2	=2	0.04	76	12	222	26.3	27.2

*=1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

NANSEMOND RIVER - J1 3 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							PARTS PER BILLION						*	KM	**	%	MPH	N	C	C
0	2	2	7	7	34	35	13	13	2356	2310	3020	3069	-2	2	0.04	76	11	215	24.8	25.7
1	1	1	5	5	23	24	12	12	2029	2076	2970	2723	-2	2	0.03	84	8	206	23.6	24.2
2	1	1	6	5	22	23	17	12	2029	1982	2822	2723	-2	2	0.03	84	8	202	23.3	23.9
3	2	2	5	5	21	23	12	12	2029	2029	2871	2772	-2	2	0.03	84	13	226	23.4	24.1
4	2	2	6	5	17	19	12	12	2169	2216	2673	2673	-2	2	0.03	84	15	226	23.6	24.2
5	2	2	7	7	16	17	12	12	2497	2403	2822	2822	-2	2	0.05	70	18	229	23.6	24.2
6	2	2	7	7	17	17	12	12	2965	2965	2574	2574	-2	2	0.05	70	18	233	24.5	25.1
7	2	2	6	5	16	18	13	13	3339	3246	2871	2970	-2	2	0.35	47	19	244	25.9	26.4
8	2	2	6	5	23	24	13	13	3433	3433	3119	3119	-2	2	0.35	47	17	254	27.9	28.2
9	2	2	7	7	35	35	13	13	2122	2169	3317	3317	-2	2	0.75	35	16	244	29.3	30.4
10	2	2	7	7	47	49	13	13	1888	1982	3663	3663	-2	2	0.75	35	16	247	30.7	31.9
11	2	2	6	5	52	55	14	14	1748	1842	2475	2475	-2	2	0.80	32	17	251	31.7	32.6
12	2	2	6	5	53	56	15	15	1701	1654	2475	2475	-2	2	0.80	32	18	258	33.1	33.1
13	2	2	6	5	43	44	15	15	1654	1748	4208	3960	287	14	0.96	32	21	244	33.7	33.3
14	1	1	5	5	47	47	16	16	2918	2778	3465	3713	287	14	0.96	32	15	249	33.7	34.0
15	1	1	6	5	44	43	16	16	2169	1982	2475	2475	282	14	0.55	33	18	242	34.3	33.6
16	1	1	6	5	41	42	16	16	1561	1561	2475	2475	282	14	0.55	33	21	249	33.7	33.3
17	2	2	7	7	44	45	15	15	1420	1374	2574	2475	272	14	0.35	45	18	247	33.0	32.9
18	2	2	7	7	39	40	14	14	2263	2263	2723	2723	272	14	0.35	45	14	231	31.5	31.7
19	2	2	7	7	31	32	14	14	2076	2076	3069	2970	262	15	0.10	60	13	217	29.5	30.2
20	2	2	7	7	26	26	13	13	1561	1608	2822	2871	237	16	0.10	60	13	218	28.6	29.4
21	1	1	6	5	26	26	12	12	1514	1467	2723	2723	197	20	0.07	62	17	229	28.2	29.0
22	2	2	6	5	23	24	12	12	1420	1280	2475	2475	182	21	0.07	62	18	224	27.7	28.4
23	2	2	5	5	17	18	12	12	1420	1233	2475	2475	157	25	0.06	67	18	233	27.0	27.6

**=1/MEGAMETERS
***CAL/SQUARE CM-MIN

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NANSEMOND RIVER - J 4 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC.	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
	-----				PARTS		PER BILLION		-----		-----		*	KM	**	%	MPH	N	C	C
0	2	2	7	7	12	12	12	12	1280	1233	2376	2228	137	29	0.06	67	17	227	26.1	26.7
1	2	2	7	7	6	6	12	12	1374	1280	2376	2228	107	37	0.04	75	16	227	25.2	25.7
2	2	2	7	7	2	2	12	12	1252	1074	2228	2228	87	45	0.04	75	17	229	24.3	25.1
3	2	2	7	7	0	0	12	12	1233	1140	1980	1980	77	51	0.04	80	17	227	23.8	24.4
4	2	2	7	7	0	0	12	12	1327	1186	1980	1980	72	54	0.04	80	19	222	23.4	23.8
5	2	2	7	7	0	0	12	12	1374	1186	1980	2079	62	63	0.07	68	19	235	23.4	23.8
6	2	2	7	7	0	0	12	12	1233	1093	1733	1733	57	69	0.07	68	23	240	23.4	23.1
7	3	3	7	7	0	1	12	12	1093	952	1980	1980	52	75	0.38	47	23	251	26.8	26.5
8	2	2	7	7	5	5	12	12	952	906	2228	2228	52	75	0.38	47	21	253	27.9	28.4
9	2	2	6	7	9	10	12	12	906	812	2475	2376	50	78	0.85	35	19	253	28.8	29.7
10	2	2	5	5	13	13	12	12	952	765	2475	2475	47	83	0.85	35	17	251	29.8	31.2
11	2	2	6	6	13	14	13	13	718	672	2723	2574	37	106	0.78	30	19	245	30.7	31.4
12	2	2	7	7	6	7	13	13	718	672	2723	2574	33	119	0.78	30	19	244	32.0	31.6
13	2	2	5	5	8	8	13	13	906	812	2475	2475	41	96	1.00	28	20	235	32.4	32.1
14	2	2	5	5	8	8	13	13	859	765	2475	2475	44	89	1.00	28	18	229	32.6	32.9
15	2	2	6	6	11	11	13	13	859	812	2574	2574	45	87	0.60	28	20	215	32.8	32.8
16	2	2	6	6	11	11	13	13	765	812	2673	2772	47	83	0.60	28	18	217	32.4	32.4
17	2	2	6	6	10	10	13	13	859	765	3020	2921	50	78	0.38	36	19	211	31.8	31.9
18	2	2	6	6	9	9	13	13	812	718	2921	2921	50	78	0.38	36	9	197	30.7	31.1
19	1	1	5	5	7	7	12	12	718	625	2822	2921	52	75	0.07	52	10	184	27.9	28.5
20	2	2	5	5	3	3	12	12	859	718	2426	2426	60	65	0.07	52	15	184	26.4	27.0
21	2	2	6	6	1	1	12	12	906	718	2178	2178	66	59	0.06	75	16	197	25.8	26.4
22	2	2	6	6	0	0	12	12	999	952	2178	2178	67	58	0.06	75	14	200	25.2	25.8
23	3	3	6	6	0	0	12	12	906	765	2178	2178	62	63	0.06	82	14	218	25.0	25.5

*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

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NANSEMOND RIVER - J 5 1974

HR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	8-SR	VSB	SRAD	RH	WSPD	WDIR	T=15	T=75
	-----PARTS PER BILLION-----						PER BILLION						*	KM	**	%	MPH	N	C	C
0	3	3	7	7	0	0	12	12	906	812	2178	1931	62	63	0.06	82	7	197	24.0	24.6
1	3	3	6	5	0	0	12	12	812	625	1931	1931	52	75	0.05	89	7	197	22.9	23.4
2	2	2	6	5	0	0	12	12	859	765	1931	1931	47	83	0.05	89	10	195	22.6	22.9
3	3	3	6	5	0	0	11	11	999	906	1881	1634	42	93	0.05	90	9	204	22.2	22.6
4	3	3	6	5	0	0	11	11	812	812	1681	1881	39	101	0.05	90	12	218	22.2	22.6
5	3	3	7	7	0	0	11	11	859	718	1881	1881	42	93	0.12	77	15	222	22.9	23.8
6	3	3	7	7	0	0	12	12	718	625	1733	1881	40	98	0.12	77	17	220	24.7	25.1
7	2	2	5	5	1	1	12	12	625	625	1881	1881	47	83	0.44	60	16	229	24.7	25.2
8	2	2	5	5	1	0	12	12	531	531	1881	1881	48	82	0.44	60	20	235	26.3	26.9
9	3	3	6	5	3	3	12	12	625	531	2129	2129	47	83	0.70	49	19	240	27.5	28.2
10	3	3	7	7	8	8	12	12	625	531	2129	2129	45	87	0.70	49	17	244	28.6	29.4
11	4	4	7	7	9	9	12	12	3714	3012	2376	2376	52	75	0.68	38	19	240	29.5	29.9
12	3	3	7	7	8	8	13	13	531	625	2822	2822	50	78	0.68	38	19	240	30.2	30.2
13	3	3	6	5	12	11	13	13	578	625	2822	2723	50	78	0.73	38	19	245	30.4	30.5
14	3	3	6	5	12	12	13	13	578	531	2822	2822	42	93	0.73	38	19	224	30.0	30.2
15	3	3	7	7	12	12	13	13	531	484	3168	3069	37	106	0.57	60	20	229	30.6	30.2
16	3	3	7	7	12	12	12	12	578	531	3069	3069	27	146	0.57	60	12	148	20.7	21.2
17	3	3	8	8	7	9	12	12	578	531	2970	2822	22	179	0.10	87	6	144	20.9	21.2
18	3	3	10	10	3	4	12	12	531	438	2871	2624	27	146	0.10	87	12	162	21.2	22.0
19	3	3	7	7	0	0	12	12	859	672	2624	2624	42	93	0.08	89	14	175	21.5	22.1
20	3	3	7	7	0	0	12	12	1514	1561	2376	2376	72	54	0.08	89	13	186	22.1	22.8
21	3	3	7	7	0	0	12	12	999	1327	2525	2525	72	54	0.07	91	14	233	22.4	23.1
22	3	3	7	7	9	10	12	12	812	859	2426	2426	42	93	0.07	91	12	276	21.0	21.3
23	3	3	7	7	8	8	12	12	625	578	2327	2426	42	93	0.04	94	2	186	20.5	21.0

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 * = 1/MEGAMETERS
 ** = CAL/SQUARE CM-MIN

NANSEMOND RIVER - J 6 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	8-Sr *	VSB KM	SRAD **	RH %	WSPD MPH	WDIR N	T-15 C	T-75 C
-----PARTS PER BILLION-----																				
0	4	4	8	8	7	10	12	12	812	765	2426	2178	42	93	0.04	94	4	208	20.2	20.7
1	3	3	7	7	5	6	12	12	999	999	2426	2178	44	89	0.04	93	1	188	20.2	20.6
2	2	2	7	7	1	1	12	12	1140	952	2327	2129	47	83	0.04	93	0	173	20.5	20.9
3	2	2	7	7	0	0	11	11	1093	999	2376	2475	57	69	0.04	93	4	180	21.0	21.8
4	3	3	7	7	0	0	11	11	952	812	2228	2228	67	58	0.04	93	2	193	21.9	22.3
5	3	3	7	7	0	0	11	11	718	625	2228	2079	67	58	0.06	92	4	211	22.4	22.9
6	3	3	7	7	0	0	11	11	625	578	2277	1881	67	58	0.06	92	17	235	22.9	23.8
7	3	3	7	7	1	1	12	12	1186	1140	2277	2277	67	58	0.29	80	16	227	23.6	24.7
8	2	2	7	7	1	2	12	12	859	859	2277	2277	52	75	0.29	80	17	222	23.8	24.7
9	2	2	6	6	3	3	12	12	812	859	2822	2822	55	71	0.40	63	16	227	24.5	25.4
10	2	2	5	5	9	10	12	12	718	812	2327	2574	62	63	0.40	63	18	244	27.7	27.9
11	2	2	5	5	9	10	12	12	625	625	2277	2030	57	69	0.72	48	19	236	27.9	28.4
12	2	2	5	5	7	9	12	12	484	531	1931	1782	42	93	0.72	48	22	236	28.8	28.9
13	2	2	5	5	11	11	12	12	1093	906	2426	2426	49	80	0.60	57	17	251	28.9	28.9
14	2	2	5	5	11	11	-2	-2	-2	-2	2970	2970	52	75	0.60	57	14	240	26.6	26.9
15	2	2	6	6	9	10	-2	-2	-2	-2	2228	2228	44	89	0.30	65	7	236	27.0	27.4
16	2	2	6	6	10	11	-2	-2	-2	-2	2223	2129	44	89	0.30	65	6	222	27.1	27.7
17	2	2	5	5	9	9	-2	-2	-2	-2	2228	2228	52	75	0.19	82	9	179	25.2	25.7
18	2	2	5	5	9	9	-2	-2	-2	-2	2228	2228	42	93	0.19	82	12	253	22.4	22.8
19	2	2	6	6	7	9	-2	-2	-2	-2	2228	2228	37	106	0.08	89	6	235	21.2	22.3
20	3	3	7	7	3	4	-2	-2	-2	-2	2079	1782	42	93	0.08	89	5	209	21.4	22.5
21	3	3	7	7	1	2	-2	-2	-2	-2	2030	2030	50	78	0.06	90	7	215	21.7	22.8
22	2	2	6	6	0	0	-2	-2	-2	-2	1782	2673	52	75	0.06	90	8	213	21.7	22.3
23	2	2	6	6	0	0	-2	-2	-2	-2	1782	2030	52	75	0.05	90	8	208	21.7	22.3

*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

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NANSEMOND RIVER - J 7 1974

HOUR	NO	NU	NU2	NU2	D3	D3	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
	PARTS						PER BILLION						*	KM	**	%	MPH	N	C	C
0	3	3	6	5	0	0	-2	-2	-2	-2	1980	2030	52	75	0.05	90	7	197	21.5	22.0
1	2	2	6	5	0	0	-2	-2	-2	-2	1782	1782	57	69	0.04	91	6	204	21.4	21.8
2	2	2	7	7	0	1	-2	-2	-2	-2	1832	1634	52	75	0.04	91	9	218	21.5	22.0
3	3	3	6	5	0	0	-2	-2	-2	-2	1832	1832	52	75	0.04	91	5	211	21.7	22.2
4	2	2	6	6	-3	0	-2	-2	-2	-2	1683	1584	52	75	0.04	91	2	168	21.4	21.8
5	2	2	5	5	-3	-3	-2	-2	-2	-2	1832	1832	52	75	0.06	92	2	188	21.4	22.0
6	2	2	5	5	-3	0	-2	-2	-2	-2	1832	1733	52	75	0.06	92	5	197	21.9	22.5
7	3	3	5	5	0	0	-2	-2	-2	-2	1832	1733	57	69	0.14	86	9	240	22.7	23.1
8	3	3	7	7	6	6	-2	-2	-2	-2	1832	1832	62	63	0.14	86	4	200	24.0	24.4
9	3	3	7	7	11	12	-2	-2	-2	-2	2079	2079	47	83	0.57	58	5	303	24.8	26.5
10	2	2	6	5	23	23	-2	-2	-2	-2	1832	2079	27	146	0.57	58	6	244	26.6	29.0
11	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.89	46	-2	-2	-2.0	-2.0
12	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.89	46	-2	-2	-2.0	-2.0
13	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.70	45	-2	-2	-2.0	-2.0
14	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.70	45	-2	-2	-2.0	-2.0
15	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.56	48	-2	-2	-2.0	-2.0
16	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.56	48	-2	-2	-2.0	-2.0
17	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.35	53	-2	-2	-2.0	-2.0
18	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.35	53	-2	-2	-2.0	-2.0
19	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.08	79	-2	-2	-2.0	-2.0
20	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.08	79	-2	-2	-2.0	-2.0
21	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.04	90	-2	-2	-2.0	-2.0
22	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.04	90	-2	-2	-2.0	-2.0
23	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.04	90	-2	-2	-2.0	-2.0

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**1/MEGAMETERS
***CAL/SQUARE CM-MIN

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NANSEMOND RIVER - 8 1974

HOUR	-----PARTS PER BILLION-----						S S		HC	HC	CO	CO	B-S*	VS*	SRAD	RH	WSPD	WDIR	T ₁₅	T ₇₅
	NO	NO	NO2	NO2	O3	O3							#	KM	**	%	MPH	N	C	C
0	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.04	90	-2	-2	-2.0	-2.0	
1	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.04	90	-2	-2	-2.0	-2.0	
2	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.04	90	-2	-2	-2.0	-2.0	
3	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.04	90	-2	-2	-2.0	-2.0	
4	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.04	90	-2	-2	-2.0	-2.0	
5	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.07	89	-2	-2	-2.0	-2.0	
6	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.07	89	-2	-2	-2.0	-2.0	
7	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.40	67	-2	-2	-2.0	-2.0	
8	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.40	67	-2	-2	-2.0	-2.0	
9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.60	47	-2	-2	-2.0	-2.0	
10	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.60	47	-2	-2	-2.0	-2.0	
11	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-2	-2	0.82	29	-2	-2	-2.0	-2.0	
12	3	3	8	8	-4	-4	18	18	775	812	3267	3366	305	13	0.82	29	6	301	30.4	31.2
13	3	3	7	7	0	0	17	17	812	391	3812	3812	257	15	0.88	26	5	305	31.8	32.8
14	2	2	6	5	3	5	17	17	391	344	4059	4059	247	16	0.88	26	5	305	31.5	32.9
15	2	2	6	5	4	4	16	16	0	0	4208	4059	227	17	0.48	23	5	301	33.1	33.5
16	2	2	7	7	5	4	16	16	0	0	4257	4257	225	17	0.48	23	5	262	32.8	33.3
17	2	2	5	5	0	1	15	15	0	0	4356	4109	242	16	0.19	47	6	253	31.7	31.6
18	1	1	5	5	0	0	15	15	0	0	4554	4604	267	15	0.19	47	6	217	29.1	29.4
19	2	2	6	5	-4	-4	14	14	0	0	4604	4356	297	13	0.06	90	7	195	25.9	27.5
20	3	3	7	7	-4	-4	14	14	1186	3339	4604	4356	317	12	0.06	90	8	208	25.0	26.9
21	3	3	7	7	-4	-4	13	13	1280	1561	4604	4406	322	12	0.04	93	7	215	24.5	26.0
22	3	3	8	8	-4	-4	13	13	1842	999	4505	4604	322	12	0.04	93	7	182	23.8	24.4
23	3	3	7	7	-4	-4	13	13	2403	1186	3960	3861	47	83	0.88	-9	38	61	23.2	24.2

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 * = 1/MEGAMETERS
 ** = CAL/SQUARE CM-MIN

NANSEMOND RIVER - JUNE 9 1974

HOUR	ND	NU	NO2	NO3	O3	O3	S		HC	HC	CO	CO	B-SG	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							PARTS PER BILLION													
0	2	2	7	7	-4	-4	13	13	1561	812	4010	3861	47	83	0.88	-9	40	61	23.3	24.4
1	2	2	6	5	-3	-4	14	14	2684	1233	4109	4010	46	85	0.87	-9	46	61	23.4	24.5
2	3	3	6	6	-4	-3	13	13	906	1186	4010	3911	46	85	0.87	-9	45	61	23.7	24.4
3	3	3	7	7	-4	-4	13	13	1561	1186	3416	3416	46	85	0.88	-9	50	61	23.4	24.2
4	3	3	7	7	-3	-4	13	13	1233	1467	3168	3069	46	85	0.88	-9	40	61	22.9	23.8
5	3	3	6	5	-3	-3	13	13	1093	2029	3168	3168	47	83	0.70	-9	44	63	23.6	24.2
6	2	2	7	7	-4	-4	13	13	1140	344	3168	3168	47	83	0.70	-9	51	63	25.5	26.5
7	2	2	6	5	-4	-4	13	13	1467	578	3416	3416	48	82	0.47	-9	61	76	27.1	28.4
8	3	3	7	5	-4	-4	13	13	531	672	3762	3911	48	82	0.47	-9	76	76	28.2	30.4
9	3	3	6	5	-4	-4	13	13	672	1935	4010	3564	53	74	0.40	-9	75	86	28.8	31.4
10	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	53	74	0.40	-9	-2	86	-2.0	-2.0
11	3	3	5	5	27	27	16	17	999	1093	3267	3267	53	74	0.34	-9	62	82	30.7	33.1
12	3	3	5	5	23	22	14	14	1467	812	3614	3614	53	74	0.34	-9	53	82	31.7	32.4
13	-2	-2	6	5	27	26	14	14	625	2497	3119	2970	55	71	0.27	-9	54	94	31.8	32.9
14	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	55	71	0.27	-9	-2	94	-2.0	-2.0
15	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	59	66	0.28	-9	-2	78	-2.0	-2.0
16	2	2	6	5	17	17	17	17	999	1280	3614	3317	59	66	0.28	-9	54	78	31.0	33.5
17	2	2	6	5	22	23	17	17	2684	1608	4455	4356	55	71	0.40	-9	52	67	32.4	32.8
18	2	2	6	5	9	11	16	16	1561	1093	3663	3515	55	71	0.40	-9	45	67	31.2	31.2
19	2	2	6	7	-4	0	14	14	999	531	3515	3762	48	82	0.77	-9	28	62	27.5	32.6
20	2	2	7	7	-4	0	13	13	1140	391	3515	2970	48	82	0.77	-9	31	62	26.3	27.5
21	2	2	6	5	-4	-4	13	13	578	625	3069	2673	47	83	0.84	-9	29	61	25.6	26.4
22	3	3	8	8	-4	-4	13	13	512	690	2772	2624	47	83	0.84	-9	34	61	24.7	25.7
23	5	5	11	11	-4	-4	13	13	690	625	2574	2525	-2	-2	0.04	87	7	195	24.1	24.9

*=1/MEGAMETERS
**=CAL/SQUARE CM-MIN

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NANSEMOND RIVER - JULY 10 1974

HOUR	NU	NU1	NU2	NU2	O3	O3	S		HC	HC	CO	CO	B-Sr	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							S	S												
0	5	5	11	11	-4	-4	12	12	718	606	2673	2772	-2	-2	0.04	87	12	226	24.3	25.1
1	5	5	10	10	-4	-4	12	12	859	952	2426	2475	-2	-2	0.04	88	14	226	24.3	24.9
2	3	3	7	7	-4	-4	12	12	878	784	2327	2228	-2	-2	0.04	88	13	217	23.6	24.2
3	4	4	8	8	-4	-4	12	12	952	718	1980	1881	-2	-2	0.04	89	14	224	23.1	23.8
4	4	4	10	10	-4	-4	12	12	906	859	1931	1881	-2	-2	0.04	89	13	222	22.7	23.3
5	5	5	11	11	-4	-4	12	12	1514	1467	2129	2129	-2	-2	0.10	75	13	218	23.1	23.6
6	5	5	11	11	-4	-4	12	12	1842	1673	2178	2079	-2	-2	0.10	75	7	226	25.0	25.9
7	4	4	10	10	-4	-4	13	13	2216	2169	2030	1931	-2	-2	0.50	50	8	236	26.8	27.7
8	3	3	8	8	-4	-4	13	13	1888	1767	2228	2475	-2	-2	0.50	50	12	254	27.7	29.0
9	3	3	8	8	1	1	13	13	1954	1842	3168	3069	-2	-2	0.74	42	12	272	28.8	31.2
10	4	4	9	8	13	11	13	13	1374	1392	3366	3317	-2	-2	0.74	42	10	276	29.5	32.3
11	3	3	7	7	23	25	15	15	746	653	2822	2673	292	13	0.80	32	12	271	22.0	22.0
12	3	3	7	7	30	32	-2	-2	-2	-2	2822	2723	287	14	0.80	32	13	256	32.4	32.8
13	3	3	6	6	27	29	-2	-2	-2	-2	2475	2376	277	14	0.91	27	10	245	33.3	33.5
14	2	2	5	5	20	20	-2	-2	-2	-2	2426	2327	272	14	0.91	27	10	269	33.3	34.0
15	2	2	5	5	16	17	-2	-2	-2	-2	2525	2376	267	15	0.50	27	13	256	33.9	33.6
16	2	2	5	5	15	15	-2	-2	-2	-2	2723	2624	252	15	0.50	27	11	262	33.3	33.6
17	2	2	7	7	17	17	-2	-2	-2	-2	3020	2921	252	15	0.20	47	12	254	32.2	32.6
18	2	2	7	7	13	15	-2	-2	-2	-2	3366	3267	242	16	0.20	47	18	249	29.5	29.5
19	2	2	7	7	4	5	-2	-2	-2	-2	3267	3267	257	15	0.07	70	11	222	27.3	27.7
20	2	2	6	6	1	2	-2	-2	-2	-2	2871	2871	247	16	0.07	70	13	236	26.4	27.2
21	2	2	6	6	0	1	-2	-2	-2	-2	2723	2574	212	18	0.05	74	16	236	26.1	26.7
22	2	2	7	7	0	0	-2	-2	-2	-2	2426	2327	227	17	0.05	74	13	292	25.5	26.2
23	3	3	7	7	0	0	-2	-2	-2	-2	2327	4109	257	15	0.05	87	6	204	25.0	25.7

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 *=1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

NANSEMOND RIVER - JULY 11 1974

HOUR	ND	NJ	NU2	NJ2	D3	D3	S		HC	HC	CO	CO	B-SR	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
							S	S												
-----PARTS PER BILLION-----																				
0	3	3	7	7	-4	-4	-2	-2	-2	-2	1980	4109	252	15	0.05	87	7	197	23.7	24.4
1	3	3	7	7	-4	-4	-2	-2	-2	-2	2079	4109	260	15	0.05	85	7	260	23.5	24.4
2	3	3	7	7	-4	-4	-2	-2	-2	-2	2079	4109	282	14	0.05	85	9	305	24.0	24.6
3	2	2	7	7	0	0	-2	-2	-2	-2	1931	4109	332	12	0.05	65	13	359	24.7	25.4
4	2	2	7	7	3	4	-2	-2	-2	-2	2079	4109	327	12	0.05	65	18	6	24.6	25.2
5	3	3	6	6	0	0	-2	-2	-2	-2	2178	4109	327	12	0.11	63	18	359	24.4	25.0
6	3	3	8	8	0	0	-2	-2	-2	-2	2079	4109	276	14	0.11	63	29	1	24.6	25.1
7	3	3	11	11	-4	-4	-2	-2	-2	-2	2772	4158	237	16	0.48	56	21	24	25.8	25.9
8	3	3	8	8	0	0	-2	-2	-2	-2	2673	4158	162	24	0.48	56	28	53	26.1	26.1
9	3	3	7	7	0	0	-2	-2	-2	-2	2525	4158	117	33	0.60	42	27	46	25.7	26.0
10	3	3	6	6	4	3	-2	-2	-2	-2	2772	4158	97	40	0.60	42	24	46	26.4	26.9
11	2	2	5	5	8	10	-2	-2	-2	-2	2673	4356	87	45	0.90	37	22	39	26.4	26.7
12	3	3	7	7	14	16	-2	-2	-2	-2	3168	4604	87	45	0.90	37	23	48	26.4	25.9
13	3	3	7	7	20	20	-2	-2	-2	-2	2573	5000	87	45	0.83	36	24	53	26.8	26.3
14	3	3	6	6	19	21	-2	-2	-2	-2	2624	5297	87	45	0.83	36	24	55	26.6	26.2
15	2	2	8	8	14	15	-2	-2	-2	-2	2475	5643	86	45	0.52	37	25	57	27.1	26.2
16	5	5	8	8	15	17	-2	-2	-2	-2	2822	5792	87	45	0.52	37	23	60	27.1	26.2
17	4	4	8	8	31	34	7	7	2257	2257	2723	5544	102	38	0.28	40	21	60	26.2	25.8
18	4	4	7	7	37	39	6	6	2079	2079	2921	5198	117	33	0.28	40	24	57	24.8	25.1
19	5	5	7	7	30	30	6	6	2079	1813	2525	4950	92	42	0.07	56	21	348	23.0	23.8
20	3	3	7	7	20	22	6	6	2079	2079	2525	4653	87	45	0.07	56	10	98	22.1	22.6
21	3	3	7	7	24	26	6	6	2168	2079	2673	4455	94	42	0.04	68	12	96	21.7	22.3
22	4	4	7	7	22	29	6	6	1902	1902	545	4158	92	42	0.04	68	7	110	20.6	21.4
23	3	3	7	7	0	19	6	6	2257	2257	50	50	95	41	0.03	90	5	139	18.0	21.0

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 * = 1/MEGAMETERS
 ** = CAL/SQUARE CM-MIN

NANSEMOND RIVER - 12 1974

HOUR	NO	NJ	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75	
	-----PARTS PER BILLION-----																				
0	3	3	7	7	-4	15	6	6	1725	1725	347	347	95	41	0.03	90	4	164	17.5	20.4	
1	3	3	7	7	-4	0	7	7	1725	1725	495	594	84	47	0.03	65	6	341	19.3	21.2	
2	3	3	7	7	1	2	7	7	1636	1636	891	941	62	63	0.03	65	18	13	21.7	22.5	
3	3	3	8	8	0	2	6	6	1547	1547	1386	1386	57	69	0.03	47	25	19	21.5	22.1	
4	4	4	8	8	0	0	7	7	1725	1725	1683	1683	57	69	0.03	47	24	15	21.2	21.7	
5	4	4	8	8	-4	-4	7	7	1813	1813	1782	1535	57	69	0.17	49	26	12	21.3	21.7	
6	3	3	8	8	-4	-4	7	7	1813	1813	1733	1584	60	65	0.17	49	23	17	22.1	22.0	
7	4	4	8	8	-4	-4	7	7	1813	1813	2129	2129	72	54	0.69	43	22	15	22.9	22.8	
8	3	3	8	8	0	0	6	6	1813	1813	2129	2277	75	52	0.69	43	21	13	23.3	23.9	
9	3	3	8	8	0	0	6	6	1813	1813	2376	2376	67	58	0.70	35	18	17	23.3	24.1	
10	3	3	7	7	4	6	6	6	1725	1725	2473	2673	67	58	0.70	35	18	35	24.3	25.1	
11	3	3	7	7	6	8	6	6	1813	1813	3069	2921	62	63	0.88	26	19	21	25.2	25.7	
12	3	3	7	7	9	9	7	7	1725	1725	2673	2871	53	74	0.88	26	17	10	25.5	25.5	
13	3	3	6	6	15	15	-2	-2	-2	-2	2574	2574	60	65	0.90	23	12	352	26.1	26.0	
14	3	3	6	6	20	19	-2	-2	-2	-2	2624	2723	62	63	0.90	23	11	337	26.4	26.5	
15	3	3	7	7	19	17	-2	-2	-2	-2	2624	2673	57	69	0.52	22	8	345	27.0	27.0	
16	3	3	7	7	12	12	-2	-2	-2	-2	2772	2871	62	63	0.52	22	9	1	27.1	26.7	
17	3	3	7	7	4	5	-2	-2	-2	-2	2624	2673	60	65	0.23	25	15	60	26.1	25.5	
18	3	3	7	7	8	7	-2	-2	-2	-2	2574	2574	62	63	0.23	25	17	46	24.7	25.1	
19	3	3	8	7	15	15	-2	-2	-2	-2	2574	2624	69	57	0.07	33	10	60	22.9	23.9	
20	3	3	7	7	11	19	-2	-2	-2	-2	2178	2178	84	47	0.07	33	5	60	19.7	23.1	
21	3	3	7	7	0	6	-2	-2	-2	-2	1980	1980	90	43	0.03	75	4	276	17.3	22.5	
22	3	3	7	7	-4	0	-2	-2	-2	-2	1881	1881	90	43	0.03	75	7	217	16.5	20.7	
23	2	2	8	8	-4	-4	-2	-2	-2	-2	1782	1634	94	42	0.02	88	8	227	16.3	19.8	

**1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

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NANSEMOND RIVER - JL" '3 1974

IGUR	NO	NJ	NU2	NJ2	D3	D3	S	S	HC	HC	CM	CD	B-SZ	VSB	SRAD	RH	WSPD	WDIR	T=15	T=75
					PARTS PER BILLION								#	KM	**	%	MPH	N	C	C
0	3	3	8	8	-4	-4	-2	-2	-2	-2	1584	1584	92	42	0.02	88	9	229	16.0	18.8
1	3	3	8	8	-4	-4	-2	-2	-2	-2	1584	1584	110	36	0.03	84	11	247	17.8	19.3
2	3	3	7	7	-4	-4	-2	-2	-2	-2	1832	1733	147	27	0.03	84	9	244	17.9	19.1
3	3	3	8	8	-4	-4	-2	-2	-2	-2	1436	1436	134	29	0.03	67	10	240	17.8	18.8
4	3	3	7	7	0	-4	-2	-2	-2	-2	1238	1238	128	31	0.03	67	11	251	17.8	18.3
5	4	4	8	8	-4	0	-2	-2	-2	-2	1238	1089	134	29	0.14	64	8	291	18.3	19.1
6	3	3	8	8	0	0	-2	-2	-2	-2	1238	1287	125	31	0.14	64	10	303	20.5	20.7
7	3	3	8	8	0	0	-2	-2	-2	-2	1584	1485	114	34	0.61	38	13	309	22.1	22.5
8	3	3	7	7	0	0	-2	-2	-2	-2	1634	1683	107	37	0.61	38	15	312	23.8	24.6
9	3	3	7	7	7	7	-2	-2	-2	-2	1683	1634	87	45	0.72	30	16	330	24.7	25.9
10	3	3	7	7	13	13	-2	-2	-2	-2	1980	1881	67	58	0.72	30	16	343	25.9	27.0
11	3	3	6	6	17	16	-2	-2	-2	-2	1881	1782	57	69	0.90	24	12	343	26.5	27.6
12	4	4	7	7	20	22	-2	-2	-2	-2	1980	1980	67	58	0.90	24	12	354	27.5	27.5
13	4	4	7	7	22	20	-2	-2	-2	-2	2624	2525	77	51	0.97	20	10	339	28.2	28.5
14	3	3	7	7	35	35	-2	-2	-2	-2	2871	3218	78	50	0.97	20	9	4	29.1	29.2
15	3	3	7	7	35	36	-2	-2	-2	-2	2723	2772	84	47	0.54	20	9	6	29.8	29.4
16	3	3	7	7	33	34	-2	-2	-2	-2	2475	2624	82	48	0.54	20	5	291	30.2	30.2
17	3	3	7	7	30	31	-2	-2	-2	-2	2723	2772	87	45	0.20	19	4	182	30.0	30.5
18	3	3	7	7	12	15	-2	-2	-2	-2	2822	2871	90	43	0.20	19	7	179	27.3	27.4
19	3	3	7	7	0	6	-2	-2	-2	-2	2624	2574	142	28	0.04	70	7	179	22.9	25.2
20	3	3	8	8	-4	11	-2	-2	-2	-2	2030	2129	134	29	0.04	70	1	128	20.5	23.9
21	3	3	8	8	-4	10	-2	-2	-2	-2	1832	1881	131	30	0.03	82	5	280	19.3	24.5
22	4	4	8	8	-4	0	-2	-2	-2	-2	1733	1634	122	32	0.03	82	8	227	19.3	22.8
23	3	3	8	8	0	0	-2	-2	-2	-2	1584	1634	107	37	0.03	68	10	229	20.9	22.1

**1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

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NANSEMOND RIVER - NOV .14 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-S ²	VSB	SRAD	RH	WSPD	WDIR	T ₁₅	T ₇₅
							PARTS PER BILLION						#	KM	**	%	MPH	N	C	C
0	3	3	7	7	1	3	-2	-2	-2	-2	1485	1386	95	41	0.03	68	12	227	21.3	22.0
1	3	3	7	7	0	1	-2	-2	-2	-2	1287	1238	106	37	0.03	57	15	244	20.7	21.8
2	3	3	7	7	3	4	-2	-2	-2	-2	1337	1337	113	35	0.03	57	16	247	20.7	21.2
3	3	3	7	7	0	0	-2	-2	-2	-2	1436	1337	120	33	0.03	67	13	247	19.8	20.5
4	3	3	8	8	0	0	-2	-2	-2	-2	1337	1238	127	31	0.03	67	15	249	19.5	20.1
5	3	3	7	7	0	0	-2	-2	-2	-2	1337	1188	132	30	0.09	63	15	247	20.0	20.5
6	3	3	7	7	0	0	-2	-2	-2	-2	1337	1337	132	30	0.09	63	15	245	21.6	22.2
7	3	3	7	7	1	1	-2	-2	-2	-2	1436	1436	144	27	0.55	43	11	258	23.8	24.4
8	3	3	7	7	8	10	-2	-2	-2	-2	1584	1584	157	25	0.55	43	12	254	25.8	26.7
9	3	3	7	7	15	16	-2	-2	-2	-2	2079	2079	174	22	0.78	34	7	272	27.0	29.3
10	3	3	7	7	28	29	-2	-2	-2	-2	2228	2178	177	22	0.78	34	6	330	27.7	30.6
11	3	3	7	7	58	61	-2	-2	-2	-2	2525	2426	242	16	0.80	28	6	330	29.7	31.4
12	3	3	6	5	51	51	-2	-2	-2	-2	2673	2723	212	18	0.80	28	6	291	30.9	31.6
13	3	3	7	7	55	53	-2	-2	-2	-2	3069	3168	212	18	0.97	21	8	285	31.7	32.6
14	3	3	7	7	58	57	-2	-2	-2	-2	3020	3119	212	18	0.97	21	9	294	32.2	33.1
15	3	3	7	7	40	41	-2	-2	-2	-2	3168	3020	172	23	0.49	22	12	258	33.5	32.8
16	3	3	7	7	30	32	-2	-2	-2	-2	3416	3515	142	28	0.49	22	15	231	33.1	32.4
17	3	3	6	5	28	29	-2	-2	-2	-2	3663	3515	146	27	0.23	24	9	253	33.0	32.1
18	3	3	7	7	22	23	-2	-2	-2	-2	3416	3218	159	25	0.23	24	7	233	31.1	31.0
19	3	3	8	8	5	20	-2	-2	-2	-2	3267	3168	187	21	0.07	57	8	204	26.6	28.9
20	3	3	8	8	5	6	-2	-2	-2	-2	3267	3168	212	18	0.07	57	9	215	26.0	27.4
21	3	3	8	8	19	21	-2	-2	-2	-2	2772	2871	230	17	0.04	60	15	226	26.3	27.1
22	3	3	8	8	25	24	-2	-2	-2	-2	2772	3020	235	17	0.04	60	12	222	23.5	29.3
23	3	3	7	7	18	19	-2	-2	-2	-2	2574	2673	234	17	0.03	63	15	229	24.6	25.4

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**=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 15 1974

HOUR	NO	NU	NU2	NU2	O3	O3	S		HC	HC	CO	CO	B-S*	VSB KM	SRAD **	RH %	WSPD MPH	WDIR N	T ₁₅ C	T ₇₅ C
							S	S												
-----PARTS PER BILLION-----																				
0	3	3	7	7	14	14	-2	-2	-2	-2	2475	2673	237	16	0.03	63	15	217	24.0	24.5
1	3	3	8	8	7	7	-2	-2	-2	-2	2228	2228	250	16	0.03	73	15	226	23.2	23.9
2	3	3	8	8	6	8	-2	-2	-2	-2	2525	2327	252	15	0.03	73	20	235	23.4	24.0
3	3	3	8	8	6	7	-2	-2	-2	-2	2228	2228	258	15	0.03	74	18	224	23.2	23.5
4	3	3	8	8	7	8	-2	-2	-2	-2	2277	2228	254	15	0.03	74	18	222	22.7	23.1
5	3	3	7	7	6	5	-2	-2	-2	-2	2228	2228	252	15	0.12	75	10	211	22.2	22.7
6	3	3	7	7	3	3	-2	-2	-2	-2	2228	2228	252	15	0.12	75	18	235	23.1	23.6
7	3	3	7	7	5	4	-2	-2	-2	-2	2475	2574	262	15	0.51	61	17	251	24.5	25.2
8	3	3	7	7	10	11	-2	-2	-2	-2	2376	2525	256	15	0.51	61	17	251	26.8	27.6
9	3	3	8	7	21	20	-2	-2	-2	-2	2673	2827	262	15	0.79	35	15	251	28.1	29.1
10	3	3	8	8	24	25	-2	-2	-2	-2	2673	3020	280	14	0.79	35	15	253	29.3	30.4
11	3	3	7	7	36	37	-2	-2	-2	-2	3168	3069	306	13	0.90	28	13	249	31.0	32.0
12	2	2	7	7	40	43	-2	-2	-2	-2	3218	3218	267	15	0.90	28	17	249	32.3	32.0
13	2	2	6	5	44	45	-2	-2	-2	-2	3267	3168	276	14	0.91	24	20	251	33.3	32.8
14	2	2	6	5	41	45	-2	-2	-2	-2	3317	3020	270	14	0.91	24	21	251	33.8	33.5
15	2	2	7	7	44	45	-2	-2	-2	-2	3317	3267	235	17	0.49	24	18	251	34.4	33.7
16	2	2	6	5	41	44	-2	-2	-2	-2	3317	3317	209	19	0.49	24	18	249	34.4	33.7
17	2	2	6	5	40	41	-2	-2	-2	-2	3564	3515	190	21	0.19	36	15	233	33.7	33.6
18	2	2	5	5	33	36	-2	-2	-2	-2	3663	3564	192	20	0.19	36	11	217	31.8	32.2
19	2	2	6	5	25	31	-2	-2	-2	-2	3465	3366	232	17	0.06	60	7	199	28.4	29.3
20	2	2	7	7	23	25	-2	-2	-2	-2	3267	3267	297	13	0.06	60	7	211	27.1	28.1
21	2	2	6	5	26	27	-2	-2	-2	-2	3416	3366	282	14	0.05	67	18	258	27.5	25.0
22	2	2	6	5	25	26	-2	-2	-2	-2	3168	3267	197	20	0.05	67	15	262	24.7	25.2
23	2	2	6	5	22	24	-2	-2	-2	-2	3119	3069	207	19	0.03	70	11	161	24.4	25.3

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 **1/MEGAMETERS
 ***=CAL/SQUARE CM-MIN

NANSEMOND RIVER - 16 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-SF	VSB	SRAD	RH	WSPD	WDIR	T ₁₅	T ₇₅
							PARTS PER BILLION						*	KM	**	%	MPH	N	C	C
0	2	2	6	5	12	13	-2	-2	-2	-2	3020	2970	237	16	0.03	70	11	179	24.8	25.4
1	2	2	6	5	5	5	-2	-2	-2	-2	2871	2871	307	13	0.03	89	12	258	24.9	25.5
2	2	2	6	5	6	6	-2	-2	-2	-2	2822	2772	242	16	0.03	89	11	305	24.2	24.5
3	2	2	6	5	0	2	-2	-2	-2	-2	2772	2772	236	17	0.03	85	12	301	23.3	23.8
4	2	2	7	7	13	15	-2	-2	-2	-2	2772	2624	250	16	0.03	85	25	3	23.4	23.9
5	3	3	7	7	11	12	-2	-2	-2	-2	2921	2921	272	14	0.09	72	14	15	22.9	23.2
6	3	3	7	7	11	10	-2	-2	-2	-2	3069	3069	272	14	0.09	72	4	4	23.3	23.7
7	2	2	8	8	12	14	-2	-2	-2	-2	3069	3069	300	13	0.21	67	4	352	24.1	24.5
8	3	3	7	7	8	7	-2	-2	-2	-2	3020	3069	322	12	0.21	67	4	323	23.9	24.1
9	2	2	6	5	5	5	-2	-2	-2	-2	2970	3218	362	11	0.38	63	4	343	24.0	24.2
10	2	2	8	8	3	1	-2	-2	-2	-2	3762	3564	405	10	0.38	63	0	355	24.6	24.7
11	2	2	7	7	8	9	6	6	7667	7313	3069	3168	409	10	0.70	50	0	348	24.8	25.5
12	2	2	7	7	28	30	6	6	8200	8466	3267	3267	427	9	0.70	50	4	341	26.4	26.8
13	3	3	8	8	65	66	7	7	7579	7579	3663	3564	439	9	0.82	44	4	352	28.1	28.1
14	3	3	8	8	77	79	7	7	7667	7579	3960	4307	455	9	0.82	44	9	35	29.4	28.9
15	3	3	8	8	52	54	7	7	8022	7756	3713	3812	474	8	0.48	54	18	60	27.7	27.2
16	2	2	6	5	29	30	6	6	7845	7490	3713	3713	442	9	0.48	54	18	60	27.1	26.7
17	0	0	5	5	26	28	6	6	6780	6692	3960	4010	430	9	0.18	45	18	60	26.7	26.7
18	2	2	5	5	23	26	6	6	6337	6160	3960	3861	402	10	0.18	45	12	60	26.2	26.5
19	3	3	7	7	19	23	6	6	5893	5716	4010	4010	417	9	0.06	78	8	60	24.7	25.5
20	3	3	8	8	6	23	6	6	5273	5273	3465	3515	412	9	0.06	78	6	50	22.5	25.1
21	3	3	7	7	0	15	6	6	5095	4918	3168	3218	422	9	0.02	90	5	90	21.1	25.0
22	1	1	6	5	0	34	6	6	5006	5006	2970	2921	427	9	0.02	90	4	53	20.3	24.8
23	1	1	6	5	4	20	7	6	5450	5450	2921	2871	460	8	0.02	91	6	1	20.8	24.6

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NANSEMUND RIVER 17 1974

HOOR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
	-----PARTS						PER BILLION-----						*	KM	**	%	MPH	N	C	C
0	2	2	8	8	4	31	6	6	5627	5627	3020	2772	482	8	0.02	91	4	57	20.3	24.6
1	2	2	8	8	3	37	6	6	4829	4829	2772	2723	477	8	0.02	91	3	197	19.2	23.6
2	2	2	7	7	8	26	6	6	5539	5539	2723	2723	484	8	0.02	91	6	55	19.7	23.5
3	2	2	7	7	20	28	6	6	6071	6071	2574	2376	481	8	0.02	86	9	39	22.3	23.8
4	2	2	7	7	0	21	6	6	5184	4740	2426	2277	457	9	0.02	86	4	161	20.3	23.0
5	2	2	7	7	4	15	6	6	5095	4740	2173	2178	427	9	0.07	63	6	60	19.9	23.6
6	2	2	8	8	17	17	6	6	5361	5095	2129	1881	310	13	0.07	63	10	50	24.5	23.1
7	3	3	8	8	12	11	7	7	4652	4386	2030	2030	182	21	0.52	35	13	60	25.7	26.3
8	2	2	8	8	3	6	7	7	4740	4563	2327	2228	114	34	0.52	35	17	60	26.5	26.8
9	2	2	8	8	7	9	6	6	4031	4119	2376	2277	84	47	0.82	28	16	60	26.9	27.7
10	2	2	7	7	15	18	6	6	3676	3765	2723	2772	81	48	0.82	28	18	60	27.3	28.0
11	2	2	7	7	19	19	7	7	3321	3321	2426	2475	69	57	0.98	25	20	60	27.6	28.0
12	2	2	7	7	17	16	6	6	3144	3144	3218	3218	60	65	0.98	25	18	60	28.3	27.5
13	2	2	5	5	22	25	6	6	2966	2966	3119	3020	64	61	0.96	24	19	60	28.6	27.8
14	2	2	5	5	25	25	6	6	2878	2878	3218	3218	71	55	0.96	24	17	60	28.7	28.3
15	2	2	6	6	28	29	7	7	2378	2378	3564	3515	79	49	0.51	26	17	60	28.8	28.1
16	2	2	7	7	30	35	7	7	2345	2345	3663	3663	84	47	0.51	26	16	60	28.6	27.8
17	3	3	7	7	32	33	6	6	2789	2789	3861	3812	78	50	0.22	36	16	60	27.3	27.0
18	2	2	8	8	45	46	6	6	2345	2345	3762	3713	86	45	0.22	36	10	70	25.8	26.1
19	2	2	6	6	29	29	6	6	1547	1547	3663	3564	91	43	0.04	48	10	146	23.3	24.5
20	2	2	8	8	2	2	6	6	1192	1192	3614	3564	98	40	0.04	48	10	160	22.0	23.0
21	3	3	10	10	1	2	6	6	1015	1015	3218	3069	75	52	0.03	61	11	164	21.2	22.0
22	3	3	8	8	11	11	6	6	1104	1104	2822	2772	66	59	0.03	61	10	173	20.3	21.2
23	2	2	6	6	13	14	6	6	1015	1015	2475	2574	69	57	0.03	79	12	175	19.7	20.4

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***CAL/SQUARE CM-MIN

NANSEMOND RIVER - .18 1974

HOUR	NO	NJ	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-Sr	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
-----PARTS							PER BILLION-----					*	KM	**	%	MPH	N	C	C	
0	3	3	6	5	11	16	6	6	1015	1015	2030	1980	73	54	0.03	79	6	173	18.2	19.4
1	3	3	6	5	9	15	6	6	1015	1015	1832	1782	76	51	0.02	83	5	173	17.7	18.8
2	3	3	6	5	10	15	6	6	1192	1192	1881	1881	83	47	0.02	83	6	190	18.0	19.0
3	3	3	7	7	6	0	6	6	1281	1370	1881	1881	89	44	0.03	84	7	193	17.8	18.8
4	3	3	6	5	5	15	6	6	1547	1547	1881	1881	89	44	0.03	84	8	197	17.9	18.9
5	3	3	7	7	14	17	6	6	1636	1636	2030	1980	82	48	0.07	71	8	180	18.9	19.5
6	2	2	6	5	5	9	6	6	1636	1636	1881	1931	79	49	0.07	71	5	182	20.8	21.1
7	2	2	6	5	19	22	6	6	1636	1636	2079	2129	71	55	0.31	43	9	199	22.7	23.4
8	3	3	7	7	24	22	6	6	1725	1725	2178	2079	66	59	0.31	43	9	190	24.2	25.0
9	3	3	6	5	32	33	6	6	2079	2079	2030	2129	77	51	0.62	28	8	195	26.4	27.7
10	3	3	7	7	38	39	6	6	2345	2345	2327	2277	124	32	0.62	28	7	218	28.1	29.2
11	2	2	6	5	37	38	6	6	2257	2257	2871	2772	207	19	0.80	27	17	213	28.6	29.5
12	3	3	7	7	41	39	7	7	2789	2789	2723	2921	237	16	0.80	27	18	233	29.8	30.2
13	2	2	7	7	36	38	7	7	2966	2966	3317	3218	254	15	0.70	27	14	224	30.7	31.1
14	2	2	6	5	43	39	6	6	2257	2257	3119	3020	272	14	0.70	27	15	186	30.4	30.8
15	2	2	5	5	33	33	6	6	1725	1725	3317	3267	280	14	0.49	28	15	200	30.6	30.9
16	2	2	5	5	37	39	6	6	1370	1370	3366	3416	290	13	0.49	28	18	220	31.0	31.2
17	2	2	5	5	33	35	6	6	1104	1104	3515	3564	300	13	0.19	38	12	208	30.1	30.4
18	2	2	5	5	28	28	6	6	1015	1015	3713	3713	307	13	0.19	38	15	190	27.9	28.8
19	3	3	5	5	18	17	6	6	1015	1015	3416	3366	306	13	0.08	47	16	191	26.3	27.2
20	1	1	5	5	15	16	6	6	1015	1015	2970	2970	305	13	0.08	47	16	195	25.6	26.1
21	2	2	6	5	9	10	6	6	1015	1015	2822	2921	314	12	0.06	59	17	180	24.5	25.1
22	2	2	5	5	11	10	6	6	1015	1015	2772	2723	309	13	0.06	59	19	197	24.4	24.8
23	2	2	7	7	9	10	6	6	1015	1015	2673	2673	305	13	0.06	62	18	193	23.8	24.2

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**=1/MEGAMETERS
***=CAL/SQUARE CM-MIN

NANSEMOND RIVER - JUNE 19 1974

HOUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-SF	VSB	SRAD	RH	WSPD	WDIR	T ₁₅	T ₇₅
	PARTS						PER BILLION						*	KM	**	%	MPH	N	C	C
0	3	3	7	7	7	8	6	6	1015	1015	2822	2723	300	13	0.06	62	16	200	23.2	23.7
1	3	3	6	5	3	3	6	6	1015	1015	2426	2327	272	14	0.06	77	14	206	23.4	23.7
2	2	2	5	5	0	0	6	6	1015	1015	2376	2327	249	16	0.06	77	22	215	23.6	24.1
3	2	2	6	5	0	4	6	6	1015	1015	2178	2228	233	17	0.05	84	20	222	23.4	23.9
4	3	3	7	7	4	4	6	6	1015	1015	2129	2079	207	19	0.05	84	21	222	23.5	24.0
5	2	2	7	7	4	4	6	6	1015	1015	2079	1931	182	21	0.09	78	21	226	23.7	24.2
6	2	2	6	5	4	0	6	6	1015	1015	1931	1832	171	23	0.09	78	22	231	24.3	25.0
7	2	2	6	5	0	0	6	6	1015	1015	2129	2030	169	23	0.47	56	22	240	25.7	26.2
8	3	3	5	5	5	6	6	6	1015	1015	2525	2327	179	22	0.47	56	22	244	27.2	27.8
9	2	2	7	7	14	15	6	6	1015	1015	2723	2475	207	19	0.62	47	22	248	28.1	28.3
10	3	3	7	7	27	29	6	6	1015	1015	2772	2822	234	17	0.62	47	25	251	29.0	29.0
11	3	3	7	7	31	33	6	6	1458	1458	2772	2624	262	15	0.79	38	21	249	30.1	30.3
12	2	2	6	5	37	41	7	7	2434	2434	3416	3366	292	13	0.79	38	21	260	30.1	30.5
13	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.72	50	-2	-2	-2.0	-2.0
14	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0.72	50	-2	-2	-2.0	-2.0
15	2	2	7	7	41	45	7	7	2523	2523	3119	2970	270	14	0.48	34	18	256	31.7	31.3
16	2	2	6	5	41	41	7	7	3055	3055	3366	3366	282	14	0.48	34	16	263	31.3	31.3
17	2	2	6	5	38	41	7	7	2168	2168	3614	3465	344	11	0.20	44	13	269	30.3	30.7
18	2	2	5	5	30	35	7	7	1015	1015	3713	3564	373	10	0.20	44	10	236	28.8	29.5
19	2	2	5	5	24	25	7	7	1015	1015	3614	3515	381	10	0.08	56	12	215	27.9	28.7
20	1	1	5	5	21	23	6	6	1015	1015	3465	3416	357	11	0.08	56	16	247	27.6	28.4
21	1	1	5	5	21	23	6	6	1015	1015	3416	3465	332	12	0.05	58	23	265	27.3	27.9
22	2	2	6	5	14	15	6	6	1015	1015	3267	3218	317	12	0.05	58	16	269	26.6	27.3
23	2	2	6	5	10	11	6	6	1015	1015	3267	3267	275	14	0.04	59	22	287	26.4	26.9

*=1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

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NANSEMOND RIVER - 20 1974

HOOR	ND	NU	NU2	NU2	O3	O3	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T ₁₅	T ₇₅
-----PARTS PER BILLION-----											*	KM	**	%	MPH	N	C	C		
0	3	3	6	5	5	6	7	7	1015	1015	3317	3168	267	15	0,04	59	18	318	25,9	26,5
1	3	3	7	7	5	6	7	7	1015	1015	3317	3119	297	13	0,03	58	25	357	26,1	26,6
2	2	2	6	5	1	1	7	7	1015	1015	3218	3168	297	13	0,03	58	24	4	25,1	25,8
3	2	2	6	5	0	0	7	7	1015	1015	3218	3267	290	13	0,03	63	21	17	24,3	24,9
4	2	2	6	5	4	6	7	7	1015	1015	2970	2871	292	13	0,03	63	18	15	23,9	24,5
5	2	2	7	7	15	16	7	7	1015	1015	3119	3119	275	14	0,14	60	19	17	23,6	24,1
6	3	3	7	7	15	16	7	7	1015	1015	3168	3218	266	15	0,14	60	21	12	24,1	24,5
7	2	2	7	7	22	19	7	7	1015	1015	3020	2970	235	17	0,62	51	18	13	24,9	25,5
8	2	2	6	5	31	33	6	6	1015	1015	2673	2673	147	27	0,62	51	20	50	25,5	25,8
9	2	2	5	5	18	17	6	6	1015	1015	2475	2525	97	40	0,84	44	26	60	25,4	25,9
10	2	2	5	5	10	15	6	6	1015	1015	2525	2574	80	49	0,84	44	25	60	25,5	25,6
11	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0,94	37	-2	-2	-2,0	-2,0
12	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0,94	37	-2	-2	-2,0	-2,0
13	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0,91	38	-2	-2	-2,0	-2,0
14	2	2	6	5	14	15	7	7	1015	1015	2921	3317	86	45	0,91	38	27	60	26,0	25,3
15	3	3	6	5	14	16	7	7	1015	1015	3267	3267	77	51	0,50	37	22	60	26,3	25,4
16	3	3	5	5	24	27	6	6	1015	1015	3168	3168	85	46	0,50	37	18	69	26,1	25,5
17	3	3	7	7	35	36	6	6	1015	1015	3317	3218	85	46	0,17	40	17	60	25,5	25,0
18	2	2	7	7	45	45	6	6	1015	1015	3366	3416	82	48	0,17	40	17	60	24,3	24,4
19	2	2	6	5	45	46	6	6	1015	1015	3267	3218	85	46	0,07	46	15	60	23,0	23,9
20	3	3	7	7	44	45	6	6	1015	1015	2822	2723	82	48	0,07	46	13	57	23,0	24,0
21	3	3	8	8	14	14	6	6	1015	1015	2822	2772	87	45	0,02	75	7	119	20,2	25,5
22	3	3	8	8	0	0	7	7	1015	1015	2871	2822	104	38	0,02	75	7	125	18,8	21,1
23	3	3	11	11	-4	-4	7	7	1015	1015	3416	3366	105	37	0,02	86	10	143	18,3	20,3

*=1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

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NANSEMOND RIVER - 21 1974

HRUR	NO	NO	NO2	NO2	O3	O3	S	S	HC	HC	CO	CO	B-S*	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
	PARTS						PER BILLION						*	KM	**	%	MPH	N	C	C
0	3	3	8	8	-4	-4	7	7	1015	1015	2723	2772	98	40	0.02	86	9	144	17.3	19.9
1	2	2	8	8	-4	-4	7	7	1015	1015	2624	2673	100	39	0.02	93	7	197	16.2	18.7
2	2	2	7	7	-4	0	7	6	1015	1015	2327	2574	92	42	0.02	93	6	211	15.5	18.6
3	2	2	7	7	-4	5	7	6	1015	1015	2327	2228	90	43	0.02	92	7	211	15.2	18.6
4	2	2	7	7	-4	10	7	6	1015	1015	1931	2079	83	47	0.02	92	6	233	14.8	19.0
5	3	3	7	7	-4	-4	7	7	1015	1015	1980	2129	82	48	0.11	87	2	233	15.6	19.6
6	3	3	7	7	-4	5	7	6	1015	1015	1782	1881	79	49	0.11	87	1	251	20.5	23.4
7	3	3	6	5	25	29	6	6	1015	1015	2030	2030	68	58	0.41	49	5	348	24.0	24.9
8	2	2	7	7	36	38	6	6	1015	1015	2327	2178	69	57	0.41	49	7	17	23.8	24.1
9	3	3	6	5	43	44	6	6	1015	1015	2475	2426	69	57	0.67	37	10	60	24.8	25.2
10	2	2	7	7	45	54	7	7	1015	1015	2871	2970	74	53	0.67	37	10	60	25.5	25.5
11	3	3	7	7	59	62	7	7	1015	1015	3119	3218	83	47	0.68	34	11	60	25.6	25.5
12	3	3	6	5	56	56	7	7	1015	1015	3020	2970	79	49	0.68	34	12	72	26.4	26.4
13	3	3	6	5	41	42	6	6	1015	1015	2871	2822	80	49	0.70	27	10	123	26.1	26.7
14	2	2	5	5	43	43	6	6	1015	1015	3069	2970	90	43	0.70	27	10	171	26.5	27.1
15	2	2	5	5	52	52	6	6	1015	1015	2871	2921	86	45	0.58	27	10	218	27.1	27.4
16	2	2	5	5	61	70	6	6	1015	1015	3416	3465	90	43	0.58	27	10	269	27.1	27.5
17	2	2	6	5	46	45	6	6	1015	1015	3465	3317	86	45	0.19	29	8	240	25.9	26.2
18	3	3	6	5	17	19	6	6	1015	1015	3465	3366	78	50	0.19	29	10	152	23.0	23.8
19	2	2	5	5	5	11	6	6	1015	1015	3119	3218	78	50	0.04	58	8	159	21.0	22.1
20	2	2	7	7	-4	-4	6	6	1015	1015	3168	3119	88	44	0.04	58	7	139	19.5	21.0
21	2	2	7	7	-4	0	6	6	1015	1015	3317	3218	92	42	0.02	79	9	143	19.6	20.5
22	2	2	8	8	-4	-4	6	6	1015	1015	3069	2970	105	37	0.02	79	7	125	17.8	19.7
23	2	2	8	8	-4	-4	6	6	1015	1015	2871	2772	92	42	0.02	88	9	146	17.1	19.4

**1/MEGALITERS
**=CAL/SQUARE CM-MIN

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HOUR	NO	NU	NU2	NU2	03	03	S	S	HC	HC	CO	CO	B-SC	VSB	SRAD	RH	WSPD	WDIR	T-15	T-75
-----PARTS PER BILLION-----											*	KM	**	%	MPH	N	C	C		
0	2	2	8	8	-4	-4	7	6	1015	1015	2426	2475	90	43	0.02	88	6	152	16.0	18.4
1	2	2	8	8	-3	-4	7	7	1015	1015	2376	2574	135	29	0.01	92	6	229	15.8	18.6
2	2	2	7	7	-3	-4	7	7	1015	1015	1782	1931	144	27	0.01	92	7	233	15.4	18.3
3	3	3	7	7	-4	1	7	6	1015	1015	1584	1733	85	46	0.01	91	6	232	14.7	18.7
4	3	3	6	5	-4	11	7	7	1015	1015	1337	1535	70	56	0.01	91	7	242	14.4	19.3
5	3	3	6	5	-4	11	7	7	1015	1015	1535	1485	82	48	0.11	88	5	254	15.3	19.9
6	2	2	5	5	-4	13	7	7	1015	1015	1436	1535	90	43	0.11	88	3	226	21.4	24.4
7	2	2	5	5	27	35	7	7	1015	1015	1634	1733	67	58	0.51	48	2	146	25.4	27.2
8	2	2	6	5	27	28	6	6	1015	1015	2030	2129	68	58	0.51	48	9	1	24.8	25.9

*=1/MEGAMETERS
 **=CAL/SQUARE CM-MIN

ORIGINAL PAGE IS
 OF POOR QUALITY

3. GRAPHIC REPRESENTATION OF MOLECULAR DATA

In this section, the Nansemond River data is presented in a line-printer simulation of a multi-channel strip chart. Each day's data is represented on one page with two lines containing the data for each hour as designated at the left end of each line. To the right of each printed hour, a vertical fiducial mark and an asterisk form a vertical left margin for the graphic area.

Vertical fiducials to the right of this margin were spaced at one-inch intervals on the original computer printout, however this interval is actually smaller on these pages through photo reduction. In the following description, these intervals will be spoken of as "inches" in keeping with the scale factors printed at the bottom of each page.

The first "inch" from the margin will normally contain the letter A in the lower line for each hour, representing the presence of NO at the lower level of 15 feet, while the letter B in the upper line represents its concentration at the higher level, 75 feet. As indicated by the scale factor printed at the base of the chart, the first inch from the left represents concentration in the range from 0 to 50 parts per billion. For very low concentration measured, the left fiducial may be replaced by the letter. For an indication of data missing, the letter is replaced by an asterisk which is plotted in the position of 01 concentration.

The second "inch" is the range for the letters C and D, representing concentration of NO₂ at the same levels, and for the same range of concentration. In the third "inch", the letters E and F represent a plot of the sum of the measurements of NO and NO₂.

In the fourth through the seventh "inches", each pair of letters represents concentration of another constituent, though the concentration represented by a one "inch" displacement is higher for these constituents as indicated by the printed scale factors.

As illustrated perhaps most often by the hydrocarbons, K, L, the concentration is permitted to traverse a second "inch" at the same scale factor. At that point it is limited, so that a "two inch" displacement would represent a concentration of twice the scale printed factor, or more.

As indicated by the legend at the bottom of each page, the various other data observed are represented by additional letter pairs, the lower legend of abbreviation and scale factor applying to the first or lower factor applying to the second letter printed in the upper line for each hour. Thus the final two inches are the range for the letters U and V, which represent temperature at 15 and 75 feet, and cover the range from 0 to 40 degrees C.

Two notes may be of help in interpreting these graphics. First, the units to which the printed scale factors apply are identical to the units shown for the numerical listings in the digitized printout of the section.

Second, should two letters properly occupy the same position, precedence or priority is given in alphabetical order, the second letter of the two being displaced one position toward the right. Thus if the letter R immediately follows the letter P, it is possible that the R belonged in the position occupied by the letter P. On the other hand, if they are adjacent in the order RP, there is no ambiguity.

The tabular description of letters and scales is given below:

	(A at 15 ft)		
NO	(B at 75 ft)	1 "inch"	represents 50 ppb
	(C at 15 ft)		
NO ₂	(D at 75 ft)	1 "inch"	represents 50 ppb
	(E at 15 ft)		
NO _x	(F at 75 ft)	1 "inch"	represents 50 ppb
	(G at 15 ft)		
Ozone	(H at 75 ft)	1 "inch"	represents 100 ppb
	(I at 15 ft)		
Sulphur	(J at 75 ft)	1 "inch"	represents 100 ppb
	(K at 15 ft)		
Hydrocarbons	(L at 75 ft)	1 "inch"	represents 5000 ppb
	(M at 15 ft)		
CO	(N at 75 ft)	1 "inch"	represents 5000 ppb
Beta Scattering	O	1 "inch"	represents 400/megameter
Visibility			
(inferred from B			
scattering)	P	1 "inch"	represents 30 km
Solar Radiation	Q	1 "inch"	represents 1.5 cal/sq.cm./minute
Relative Humidity	R	1 "inch"	represents 100%
Wind Speed	S	1 "inch"	represents 20 mph
Wind Direction	T	1 "inch"	represents 360 degrees
Temperature	(U at 15 ft)		
	(V at 75 ft)	1 "inch"	represents 20°C

19	*B	D	F	H	I	L	N	*	*	*
19	*A	C	E	G	I	K	M	*	*	*
20	*B	D	F	H	J	L	N	*	*	*
20	*A	C	E	G	I	K	M	*	*	*
21	*B	D	F	H	J	L	N	*	*	*
21	*A	C	E	G	I	K	M	*	*	*
22	*B	D	F	H	HJ	L	N	*	*	*
22	*A	C	E	G	GI	L	M	*	*	*
23	*B	D	F	H	HJ	L	N	*	*	*
23	*A	C	E	G	GI	K	M	*	*	*

HOURL	NU	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WIND-DIR	TEMP	TEMP
1 INCH =	.50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
HOURL	NU	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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0	*B	D	F		H I J	L		*	N	*	*	*
0	*A	C	F		G I	K		*	M	*	*	*
1	*H	D	F		H J	L		*	N	*	*	*
1	*A	C	F		G I	K		*	M	*	*	*
2	*D	D	F		H J	L		*	N	*	*	*
2	*A	C	F		G I	K		*	M	*	*	*
3	*B	D	F		H J	L		*	N	*	*	*
3	*A	C	F		G I	K		*	M	*	*	*
4	*B	D	F		H I J	L		*	N	*	*	*
4	*A	C	F		G I	K		*	M	*	*	*
5	*B	D	F		H I J	L		*	N	*	*	*
5	*A	C	F		G I	K		*	M	*	*	*
6	*B	D	F		H I J	L		*	N	*	*	*
6	*A	C	F		G I	K		*	M	*	*	*
7	*B	D	F		H I J	L		*	N	*	*	*
7	*A	C	F		G I	K		*	M	*	*	*
8	*B	D	F		H I J	L		*	N	*	*	*
8	*A	C	F		G I	K		*	M	*	*	*
9	*B	D	F		H I J	L		*	N	*	*	*
9	*A	C	F		G I	K		*	M	*	*	*
10	*B	D	F	H	J	L		*	N	*	*	*
10	*A	C	F	G	I	K		*	M	*	*	*
11	*B	D	F	H	J	L		*	N	*	*	*
11	*A	C	F	G	I	K		*	M	*	*	*
12	*B	D	F	H G	J	L		*	N	*	*	*
12	*A	C	F	G H	I	K		*	M	*	*	*
13	*B	D	F	H G	J	L		*	N	*	*	*
13	*A	C	F	G H	I	K		*	M	*	*	*
14	*B	D	F	H G	J	L		*	N	*	*	*
14	*A	C	F	G H	I	K		*	M	*	*	*
15	*B	D	F	H G	J	L		*	N	*	*	*
15	*A	C	F	G H	I	K		*	M	*	*	*
16	*B	D	F	H G	J	L		*	N	*	*	*
16	*A	C	F	G H	I	K		*	M	*	*	*
17	*B	D	F	H G	J	L		*	N	*	*	*
17	*A	C	F	G H	I	K		*	M	*	*	*
18	*B	D	F	H G	J	L		*	N	*	*	*
18	*A	C	F	G H	I	K		*	M	*	*	*
19	*B	D	F	H G	J	L		*	N	*	*	*
19	*A	C	F	G H	I	K		*	M	*	*	*
20	*B	D	F	H G	J	L		*	N	*	*	*
20	*A	C	F	G H	I	K		*	M	*	*	*
21	*B	D	F	H G	J	L		*	N	*	*	*
21	*A	C	F	G H	I	K		*	M	*	*	*
22	*B	D	F	H G	J	L		*	N	*	*	*
22	*A	C	F	G H	I	K		*	M	*	*	*
23	*B	D	F	H G	J	L		*	N	*	*	*
23	*A	C	F	G H	I	K		*	M	*	*	*

64	HR	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1	INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
		NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1	INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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03 03 03 03 03 03 03 03 03 03 03 03 03 03
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23 23 23 23 23 23 23 23 23 23 23 23 23 23

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HR	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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00 *B
01 *A
02 *A
03 *A
04 *B
05 *A
06 *A
07 *B
08 *A
09 *B
10 *A
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11 *B
11 *A
12 *B
13 *A
13 *A
14 *B
15 *A
15 *A
16 *B
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19 *B
19 *A
20 *B
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21 *B
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22 *B
22 *A
23 *B
23 *A

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00 C
01 C
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HRUR	NU	NJ2	NJX	OZGNE	SULFUR	HYD-CRB	CD	VISBY	REL HUM	WNO-DIR	TEMP	TEMP
1 INCH #	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NJ2	NJX	OZGNE	SULFUR	HYD-CRB	CD	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
1 INCH #	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*B	D	F	H	J	L	*	0	I	R	*
0	*A	C	E	G	I	K	*	0	I	R	*
1	*B	D	F	H	J	L	*	0	I	R	*
1	*A	C	E	H	I	K	*	0	I	R	*
2	*B	D	F	H	J	L	*	0	I	R	*
2	*A	C	E	G	I	K	*	0	I	R	*
3	*B	D	F	H	J	L	*	0	I	R	*
3	*A	C	E	H	I	K	*	0	I	R	*
4	*B	D	F	H	J	L	*	0	I	R	*
4	*A	C	E	G	I	K	*	0	I	R	*
5	*B	D	F	H	J	L	*	0	I	R	*
5	*A	C	E	H	I	K	*	0	I	R	*
6	*B	D	F	H	J	L	*	0	I	R	*
6	*A	C	E	G	I	K	*	0	I	R	*
7	*B	D	F	H	J	L	*	0	I	R	*
7	*A	C	E	G	I	K	*	0	I	R	*
8	*B	D	F	H	J	L	*	0	I	R	*
8	*A	C	E	G	I	K	*	0	I	R	*
9	*B	D	F	H	J	L	*	0	I	R	*
9	*A	C	E	H	I	K	*	0	I	R	*
10	*B	D	F	H	J	L	*	0	I	R	*
10	*A	C	E	H	I	K	*	0	I	R	*
11	*B	D	F	H	J	L	*	0	I	R	*
11	*A	C	E	H	I	K	*	0	I	R	*
12	*B	D	F	H	J	L	*	0	I	R	*
12	*A	C	E	G	I	K	*	0	I	R	*
13	*B	D	F	H	J	L	*	0	I	R	*
13	*A	C	E	H	I	K	*	0	I	R	*
14	*B	D	F	H	J	L	*	0	I	R	*
14	*A	C	E	H	I	K	*	0	I	R	*
15	*B	D	F	H	J	L	*	0	I	R	*
15	*A	C	E	H	I	K	*	0	I	R	*
16	*B	D	F	H	J	L	*	0	I	R	*
16	*A	C	E	H	I	K	*	0	I	R	*
17	*B	D	F	H	J	L	*	0	I	R	*
17	*A	C	E	H	I	K	*	0	I	R	*
18	*B	D	F	H	J	L	*	0	I	R	*
18	*A	C	E	H	I	K	*	0	I	R	*
19	*B	D	F	H	J	L	*	0	I	R	*
19	*A	C	E	H	I	K	*	0	I	R	*
20	*B	D	F	H	J	L	*	0	I	R	*
20	*A	C	E	H	I	K	*	0	I	R	*
21	*B	D	F	H	J	L	*	0	I	R	*
21	*A	C	E	H	I	K	*	0	I	R	*
22	*B	D	F	H	J	L	*	0	I	R	*
22	*A	C	E	H	I	K	*	0	I	R	*
23	*B	D	F	H	J	L	*	0	I	R	*
23	*A	C	E	G	I	K	*	0	I	R	*

67	HR	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1	INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
		NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1	INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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HR	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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22  *B
22  *A
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23  *A

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HRUR	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
69 1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*B	D	F	G	J	L	N	O	P	R	S	U
0	*A	C	R	H	I	K	M	Q	P			V
1	*B	D	F	G	J	L	N	O	P	R	S	U
1	*A	C	R	H	I	K	M	Q	P			V
2	*B	C	F	G	J	L	N	O	P	R	S	U
2	*A	U	F	H	J	L	N	Q	P			V
3	*B	C	F	G	J	L	N	O	P	R	S	U
3	*A	C	F	H	J	L	N	Q	P			V
4	*B	C	F	G	J	L	N	O	P	R	S	U
4	*A	C	F	H	J	L	N	Q	P			V
5	*B	D	F	G	J	L	N	O	P	R	S	U
5	*A	C	F	H	J	L	N	Q	P			V
6	*B	D	F	G	J	L	N	O	P	R	S	U
6	*A	C	F	H	J	L	N	Q	P			V
7	*B	D	F	G	J	L	N	O	P	R	S	U
7	*A	C	F	H	J	L	N	Q	P			V
8	*B	D	F	G	J	L	N	O	P	R	S	U
8	*A	C	F	H	J	L	N	Q	P			V
9	*B	D	F	G	J	L	N	O	P	R	S	U
9	*A	C	F	H	J	L	N	Q	P			V
10	*B	D	F	G	J	L	N	O	P	R	S	U
10	*A	C	F	H	J	L	N	Q	P			V
11	*B	D	F	G	J	L	N	O	P	R	S	U
11	*A	C	F	H	J	L	N	Q	P			V
12	*B	D	F	G	J	L	N	O	P	R	S	U
12	*A	C	F	H	J	L	N	Q	P			V
13	*B	D	F	G	J	L	N	O	P	R	S	U
13	*A	C	F	H	J	L	N	Q	P			V
14	*B	D	F	G	J	L	N	O	P	R	S	U
14	*A	C	F	H	J	L	N	Q	P			V
15	*B	D	F	G	J	L	N	O	P	R	S	U
15	*A	C	F	H	J	L	N	Q	P			V
16	*B	D	F	G	J	L	N	O	P	R	S	U
16	*A	C	F	H	J	L	N	Q	P			V
17	*B	D	F	G	J	L	N	O	P	R	S	U
17	*A	C	F	H	J	L	N	Q	P			V
18	*B	D	F	G	J	L	N	O	P	R	S	U
18	*A	C	F	H	J	L	N	Q	P			V
19	*B	D	F	G	J	L	N	O	P	R	S	U
19	*A	C	F	H	J	L	N	Q	P			V
20	*B	D	F	G	J	L	N	O	P	R	S	U
20	*A	C	F	H	J	L	N	Q	P			V
21	*B	D	F	G	J	L	N	O	P	R	S	U
21	*A	C	F	H	J	L	N	Q	P			V
22	*B	D	F	G	J	L	N	O	P	R	S	U
22	*A	C	F	H	J	L	N	Q	P			V
23	*B	D	F	G	J	L	N	O	P	R	S	U
23	*A	C	F	H	J	L	N	Q	P			V

HR	ND	ND2	NDX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	ND2	NDX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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17- HOUR	NU	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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0	#B	D	F	H	J	L	N	O	Q	RP*	S	V
1	*A	C	R	G	I	K	M	0	Q	RP*	S	V
1	*B	C	R	H	J	L	M	0	Q	RP*	S	V
2	*A	C	R	H	J	L	M	0	Q	RP*	S	V
2	*B	C	R	H	J	L	M	0	Q	RP*	S	V
3	*A	C	R	H	J	L	M	0	Q	RP*	S	V
3	*B	C	R	H	J	L	M	0	Q	RP*	S	V
4	*A	C	R	H	J	L	M	0	Q	RP*	S	V
4	*B	C	R	H	J	L	M	0	Q	RP*	S	V
5	*A	C	R	H	J	L	M	0	Q	RP*	S	V
5	*B	C	R	H	J	L	M	0	Q	RP*	S	V
6	*A	C	R	H	J	L	M	0	Q	RP*	S	V
6	*B	C	R	H	J	L	M	0	Q	RP*	S	V
7	*A	C	R	H	J	L	M	0	Q	RP*	S	V
7	*B	C	R	H	J	L	M	0	Q	RP*	S	V
8	*A	C	R	H	J	L	M	0	Q	RP*	S	V
8	*B	C	R	H	J	L	M	0	Q	RP*	S	V
9	*A	C	R	H	J	L	M	0	Q	RP*	S	V
9	*B	C	R	H	J	L	M	0	Q	RP*	S	V
10	*A	C	R	H	J	L	M	0	Q	RP*	S	V
10	*B	C	R	H	J	L	M	0	Q	RP*	S	V
11	*A	C	R	H	J	L	M	0	Q	RP*	S	V
11	*B	C	R	H	J	L	M	0	Q	RP*	S	V
12	*A	C	R	H	J	L	M	0	Q	RP*	S	V
12	*B	C	R	H	J	L	M	0	Q	RP*	S	V
13	*A	C	R	H	J	L	M	0	Q	RP*	S	V
13	*B	C	R	H	J	L	M	0	Q	RP*	S	V
14	*A	C	R	H	J	L	M	0	Q	RP*	S	V
14	*B	C	R	H	J	L	M	0	Q	RP*	S	V
15	*A	C	R	H	J	L	M	0	Q	RP*	S	V
15	*B	C	R	H	J	L	M	0	Q	RP*	S	V
16	*A	C	R	H	J	L	M	0	Q	RP*	S	V
16	*B	C	R	H	J	L	M	0	Q	RP*	S	V
17	*A	C	R	H	J	L	M	0	Q	RP*	S	V
17	*B	C	R	H	J	L	M	0	Q	RP*	S	V
18	*A	C	R	H	J	L	M	0	Q	RP*	S	V
18	*B	C	R	H	J	L	M	0	Q	RP*	S	V
19	*A	C	R	H	J	L	M	0	Q	RP*	S	V
19	*B	C	R	H	J	L	M	0	Q	RP*	S	V
20	*A	C	R	H	J	L	M	0	Q	RP*	S	V
20	*B	C	R	H	J	L	M	0	Q	RP*	S	V
21	*A	C	R	H	J	L	M	0	Q	RP*	S	V
21	*B	C	R	H	J	L	M	0	Q	RP*	S	V
22	*A	C	R	H	J	L	M	0	Q	RP*	S	V
22	*B	C	R	H	J	L	M	0	Q	RP*	S	V
23	*A	C	R	H	J	L	M	0	Q	RP*	S	V
23	*B	C	R	H	J	L	M	0	Q	RP*	S	V

72

HOUR	NU	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	B=SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*	B											
1	*	B											
1	*	B											
2	*	B											
2	*	B											
3	*	B											
3	*	B											
4	*	B											
4	*	B											
5	*	B											
5	*	B											
6	*	B											
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7	*	B											
7	*	B											
8	*	B											
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9	*	B											
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10	*	B											
10	*	B											
11	*	B											
11	*	B											
12	*	B											
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13	*	B											
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14	*	B											
14	*	B											
15	*	B											
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16	*	B											
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17	*	B											
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19	*	B											
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20	*	B											
20	*	B											
21	*	B											
21	*	B											
22	*	B											
22	*	B											
23	*	B											
23	*	B											

74	1 INCH	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND DIR	TEMP	TEMP
		50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
		NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
	1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	# B												
0	# A												
1	# B												
1	# A												
2	# A												
2	# B												
3	# B												
3	# A												
4	# B												
4	# A												
5	# B												
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6	# B												
6	# A												
7	# B												
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8	# B												
8	# A												
9	# B												
9	# A												
10	# B												
10	# A												
11	# B												
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12	# B												
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14	# B												
14	# A												
15	# B												
15	# A												
16	# B												
16	# A												
17	# B												
17	# A												
18	# B												
18	# A												
19	# B												
19	# A												
20	# B												
20	# A												
21	# B												
21	# A												
22	# B												
22	# A												
23	# B												
23	# A												

HOUR	NU	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
72 1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	20.00	100.00	360.00	20.00	20.00
	NU	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*B	U	T	H	H	J	L	N	0	P	R	V
0	*A	C	---	---	---	---	---	---	0	P	*	U
1	*B	C	---	---	---	---	---	---	0	P	*	V
1	*A	C	---	---	---	---	---	---	0	P	*	V
2	*B	C	---	---	---	---	---	---	0	P	*	V
2	*A	C	---	---	---	---	---	---	0	P	*	V
3	*B	C	---	---	---	---	---	---	0	P	*	V
3	*A	C	---	---	---	---	---	---	0	P	*	V
4	*B	C	---	---	---	---	---	---	0	P	*	V
4	*A	C	---	---	---	---	---	---	0	P	*	V
5	*B	C	---	---	---	---	---	---	0	P	*	V
5	*A	C	---	---	---	---	---	---	0	P	*	V
6	*B	C	---	---	---	---	---	---	0	P	*	V
6	*A	C	---	---	---	---	---	---	0	P	*	V
7	*B	C	---	---	---	---	---	---	0	P	*	V
7	*A	C	---	---	---	---	---	---	0	P	*	V
8	*B	C	---	---	---	---	---	---	0	P	*	V
8	*A	C	---	---	---	---	---	---	0	P	*	V
9	*B	C	---	---	---	---	---	---	0	P	*	V
9	*A	C	---	---	---	---	---	---	0	P	*	V
10	*B	C	---	---	---	---	---	---	0	P	*	V
10	*A	C	---	---	---	---	---	---	0	P	*	V
11	*B	C	---	---	---	---	---	---	0	P	*	V
11	*A	C	---	---	---	---	---	---	0	P	*	V
12	*B	C	---	---	---	---	---	---	0	P	*	V
12	*A	C	---	---	---	---	---	---	0	P	*	V
13	*B	C	---	---	---	---	---	---	0	P	*	V
13	*A	C	---	---	---	---	---	---	0	P	*	V
14	*B	C	---	---	---	---	---	---	0	P	*	V
14	*A	C	---	---	---	---	---	---	0	P	*	V
15	*B	C	---	---	---	---	---	---	0	P	*	V
15	*A	C	---	---	---	---	---	---	0	P	*	V
16	*B	C	---	---	---	---	---	---	0	P	*	V
16	*A	C	---	---	---	---	---	---	0	P	*	V
17	*B	C	---	---	---	---	---	---	0	P	*	V
17	*A	C	---	---	---	---	---	---	0	P	*	V
18	*B	C	---	---	---	---	---	---	0	P	*	V
18	*A	C	---	---	---	---	---	---	0	P	*	V
19	*B	C	---	---	---	---	---	---	0	P	*	V
19	*A	C	---	---	---	---	---	---	0	P	*	V
20	*B	C	---	---	---	---	---	---	0	P	*	V
20	*A	C	---	---	---	---	---	---	0	P	*	V
21	*B	C	---	---	---	---	---	---	0	P	*	V
21	*A	C	---	---	---	---	---	---	0	P	*	V
22	*B	C	---	---	---	---	---	---	0	P	*	V
22	*A	C	---	---	---	---	---	---	0	P	*	V
23	*B	C	---	---	---	---	---	---	0	P	*	V
23	*A	C	---	---	---	---	---	---	0	P	*	V

HRUR	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISSY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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0	* B	D	F	H	J	L	N	O	P	R	*
0	* A	C	F	G	I	K	M	0	Q	R	S
1	* B	C	F	H	J	K	M	0	P	R	S
1	* A	C	F	H	I	K	M	0	P	R	S
2	* B	C	F	H	J	K	M	0	P	R	S
2	* A	C	F	H	I	K	M	0	P	R	S
3	* B	C	F	H	J	K	M	0	P	R	S
3	* A	C	F	H	I	K	M	0	P	R	S
4	* B	C	F	H	J	K	M	0	P	R	S
4	* A	C	F	H	I	K	M	0	P	R	S
5	* B	C	F	H	J	K	M	0	P	R	S
5	* A	C	F	H	I	K	M	0	P	R	S
6	* B	C	F	H	J	K	M	0	P	R	S
6	* A	C	F	H	I	K	M	0	P	R	S
7	* B	C	F	H	J	K	M	0	P	R	S
7	* A	C	F	H	I	K	M	0	P	R	S
8	* B	C	F	H	J	K	M	0	P	R	S
8	* A	C	F	H	I	K	M	0	P	R	S
9	* B	C	F	H	J	K	M	0	P	R	S
9	* A	C	F	H	I	K	M	0	P	R	S
10	* B	C	F	H	J	K	M	0	P	R	S
10	* A	C	F	H	I	K	M	0	P	R	S
11	* B	C	F	H	J	K	M	0	P	R	S
11	* A	C	F	H	I	K	M	0	P	R	S
12	* B	C	F	H	J	K	M	0	P	R	S
12	* A	C	F	H	I	K	M	0	P	R	S
13	* B	C	F	H	J	K	M	0	P	R	S
13	* A	C	F	H	I	K	M	0	P	R	S
14	* B	C	F	H	J	K	M	0	P	R	S
14	* A	C	F	H	I	K	M	0	P	R	S
15	* B	C	F	H	J	K	M	0	P	R	S
15	* A	C	F	H	I	K	M	0	P	R	S
16	* B	C	F	H	J	K	M	0	P	R	S
16	* A	C	F	H	I	K	M	0	P	R	S
17	* B	C	F	H	J	K	M	0	P	R	S
17	* A	C	F	H	I	K	M	0	P	R	S
18	* B	C	F	H	J	K	M	0	P	R	S
18	* A	C	F	H	I	K	M	0	P	R	S
19	* B	C	F	H	J	K	M	0	P	R	S
19	* A	C	F	H	I	K	M	0	P	R	S
20	* B	C	F	H	J	K	M	0	P	R	S
20	* A	C	F	H	I	K	M	0	P	R	S
21	* B	C	F	H	J	K	M	0	P	R	S
21	* A	C	F	H	I	K	M	0	P	R	S
22	* B	C	F	H	J	K	M	0	P	R	S
22	* A	C	F	H	I	K	M	0	P	R	S
23	* B	C	F	H	J	K	M	0	P	R	S
23	* A	C	F	H	I	K	M	0	P	R	S

HOURL	N1	N12	N1X	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
77 1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	N1	N12	N1X	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	# B	0	F	H	J	L	N	0	P	R*		U
0	* A	C	F	G	I	L	M	0	Q	R*		U
1	* B	U	F	C	I	L	N	0	P	R*		V
1	* A	U	F	H	I	L	N	0	P	R*		V
2	* B	C	F	G	I	L	N	0	P	R*		V
2	* A	C	F	C	I	L	N	0	P	R*		V
3	* B	0	F	H	I	L	N	0	P	R*		V
3	* A	C	F	G	I	L	N	0	P	R*		V
4	* B	U	F	H	I	L	N	0	P	R*		V
4	* A	C	F	C	I	L	N	0	P	R*		V
5	* B	U	F	G	I	L	N	0	P	R*		V
5	* A	C	F	H	I	L	N	0	P	R*		V
6	* B	U	F	C	I	L	N	0	P	R*		V
6	* A	C	F	H	I	L	N	0	P	R*		V
7	* B	U	F	C	I	L	N	0	P	R*		V
7	* A	C	F	H	I	L	N	0	P	R*		V
8	* B	U	F	H	I	L	N	0	P	R*		V
8	* A	C	F	C	I	L	N	0	P	R*		V
9	* B	U	F	G	I	L	N	0	P	R*		V
9	* A	C	F	H	I	L	N	0	P	R*		V
10	* B	U	F	C	I	L	N	0	P	R*		V
10	* A	C	F	H	I	L	N	0	P	R*		V
11	* B	U	F	C	I	L	N	0	P	R*		V
11	* A	C	F	H	I	L	N	0	P	R*		V
12	* B	U	F	C	I	L	N	0	P	R*		V
12	* A	C	F	H	I	L	N	0	P	R*		V
13	* B	U	F	C	I	L	N	0	P	R*		V
13	* A	C	F	H	I	L	N	0	P	R*		V
14	* B	U	F	C	I	L	N	0	P	R*		V
14	* A	C	F	H	I	L	N	0	P	R*		V
15	* B	U	F	C	I	L	N	0	P	R*		V
15	* A	C	F	H	I	L	N	0	P	R*		V
16	* B	U	F	C	I	L	N	0	P	R*		V
16	* A	C	F	H	I	L	N	0	P	R*		V
17	* B	U	F	C	I	L	N	0	P	R*		V
17	* A	C	F	H	I	L	N	0	P	R*		V
18	* B	U	F	C	I	L	N	0	P	R*		V
18	* A	C	F	H	I	L	N	0	P	R*		V
19	* B	U	F	C	I	L	N	0	P	R*		V
19	* A	C	F	H	I	L	N	0	P	R*		V
20	* B	U	F	C	I	L	N	0	P	R*		V
20	* A	C	F	H	I	L	N	0	P	R*		V
21	* B	U	F	C	I	L	N	0	P	R*		V
21	* A	C	F	H	I	L	N	0	P	R*		V
22	* B	U	F	C	I	L	N	0	P	R*		V
22	* A	C	F	H	I	L	N	0	P	R*		V
23	* B	U	F	C	I	L	N	0	P	R*		V
23	* A	C	F	H	I	L	N	0	P	R*		V

78	HOURL	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WIND-DIR	TEMP	TEMP
	1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
		NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
	1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*B	D	F	H	J	L	N	*	Q	R	*	S	U
0	*A	C	F	G	I	K	M	*	Q	R	*	S	V
1	*B	C	F	H	J	L	N	*	Q	R	*	S	V
1	*A	C	F	G	I	K	N	*	Q	R	*	S	V
2	*B	C	F	H	J	L	N	*	Q	R	*	S	V
2	*A	C	F	G	I	K	N	*	Q	R	*	S	V
3	*B	C	F	H	J	L	N	*	Q	R	*	S	V
3	*A	C	F	G	I	K	N	*	Q	R	*	S	V
4	*B	C	F	H	J	L	N	*	Q	R	*	S	V
4	*A	C	F	G	I	K	N	*	Q	R	*	S	V
5	*B	C	F	H	J	L	N	*	Q	R	*	S	V
5	*A	C	F	G	I	K	N	*	Q	R	*	S	V
6	*B	C	F	H	J	L	N	*	Q	R	*	S	V
6	*A	C	F	G	I	K	N	*	Q	R	*	S	V
7	*B	C	F	H	J	L	N	*	Q	R	*	S	V
7	*A	C	F	G	I	K	N	*	Q	R	*	S	V
8	*B	C	F	H	J	L	N	*	Q	R	*	S	V
8	*A	C	F	G	I	K	N	*	Q	R	*	S	V
9	*B	C	F	H	J	L	N	*	Q	R	*	S	V
9	*A	C	F	G	I	K	N	*	Q	R	*	S	V
10	*B	C	F	H	J	L	N	*	Q	R	*	S	V
10	*A	C	F	G	I	K	N	*	Q	R	*	S	V
11	*B	C	F	H	J	L	N	*	Q	R	*	S	V
11	*A	C	F	G	I	K	N	*	Q	R	*	S	V
12	*B	C	F	H	J	L	N	*	Q	R	*	S	V
12	*A	C	F	G	I	K	N	*	Q	R	*	S	V
13	*B	C	F	H	J	L	N	*	Q	R	*	S	V
13	*A	C	F	G	I	K	N	*	Q	R	*	S	V
14	*B	C	F	H	J	L	N	*	Q	R	*	S	V
14	*A	C	F	G	I	K	N	*	Q	R	*	S	V
15	*B	C	F	H	J	L	N	*	Q	R	*	S	V
15	*A	C	F	G	I	K	N	*	Q	R	*	S	V
16	*B	C	F	H	J	L	N	*	Q	R	*	S	V
16	*A	C	F	G	I	K	N	*	Q	R	*	S	V
17	*B	C	F	H	J	L	N	*	Q	R	*	S	V
17	*A	C	F	G	I	K	N	*	Q	R	*	S	V
18	*B	C	F	H	J	L	N	*	Q	R	*	S	V
18	*A	C	F	G	I	K	N	*	Q	R	*	S	V
19	*B	C	F	H	J	L	N	*	Q	R	*	S	V
19	*A	C	F	G	I	K	N	*	Q	R	*	S	V
20	*B	C	F	H	J	L	N	*	Q	R	*	S	V
20	*A	C	F	G	I	K	N	*	Q	R	*	S	V
21	*B	C	F	H	J	L	N	*	Q	R	*	S	V
21	*A	C	F	G	I	K	N	*	Q	R	*	S	V
22	*B	C	F	H	J	L	N	*	Q	R	*	S	V
22	*A	C	F	G	I	K	N	*	Q	R	*	S	V
23	*B	C	F	H	J	L	N	*	Q	R	*	S	V
23	*A	C	F	G	I	K	N	*	Q	R	*	S	V

HOUR	NU	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NI	NJ2	NJX	OZONE	SULFUR	HYD-CRR	CO	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

80

0	*B												
0	*A												
1	*B												
1	*A												
2	*B												
2	*A												
3	*B												
3	*A												
4	*B												
4	*A												
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18	*B												
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21	*B												
21	*A												
22	*B												
22	*A												
23	*B												
23	*A												

HOUR	NJ	NJ2	NDX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WIND-DIR	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NDX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WIND SPD	TEMP	TEMP
1 INCH	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*	B	O	F	H	J	L	N	*	Q	R	*	V
0	*	A	C	F	G	I	K	M	*	Q	R	*	U
1	*	B	C	F	H	J	L	N	*	Q	R	*	V
1	*	A	C	F	G	I	K	M	*	Q	R	*	V
2	*	B	C	F	H	J	L	M	*	Q	R	*	V
2	*	A	C	F	G	I	K	N	*	Q	R	*	V
3	*	B	C	F	H	J	L	M	*	Q	R	*	V
3	*	A	C	F	G	I	K	N	*	Q	R	*	V
4	*	B	C	F	H	J	L	M	*	Q	R	*	V
4	*	A	C	F	G	I	K	N	*	Q	R	*	V
5	*	B	C	F	H	J	L	M	*	Q	R	*	V
5	*	A	C	F	G	I	K	N	*	Q	R	*	V
6	*	B	C	F	H	J	L	M	*	Q	R	*	V
6	*	A	C	F	G	I	K	N	*	Q	R	*	V
7	*	B	C	F	H	J	L	M	*	Q	R	*	V
7	*	A	C	F	G	I	K	N	*	Q	R	*	V
8	*	B	C	F	H	J	L	M	*	Q	R	*	V
8	*	A	C	F	G	I	K	N	*	Q	R	*	V
9	*	B	C	F	H	J	L	M	*	Q	R	*	V
9	*	A	C	F	G	I	K	N	*	Q	R	*	V
10	*	B	C	F	H	J	L	M	*	Q	R	*	V
10	*	A	C	F	G	I	K	N	*	Q	R	*	V
11	*	B	C	F	H	J	L	M	*	Q	R	*	V
11	*	A	C	F	G	I	K	N	*	Q	R	*	V
12	*	B	C	F	H	J	L	M	*	Q	R	*	V
12	*	A	C	F	G	I	K	N	*	Q	R	*	V
13	*	B	C	F	H	J	L	M	*	Q	R	*	V
13	*	A	C	F	G	I	K	N	*	Q	R	*	V
14	*	B	C	F	H	J	L	M	*	Q	R	*	V
14	*	A	C	F	G	I	K	N	*	Q	R	*	V
15	*	B	C	F	H	J	L	M	*	Q	R	*	V
15	*	A	C	F	G	I	K	N	*	Q	R	*	V
16	*	B	C	F	H	J	L	M	*	Q	R	*	V
16	*	A	C	F	G	I	K	N	*	Q	R	*	V
17	*	B	C	F	H	J	L	M	*	Q	R	*	V
17	*	A	C	F	G	I	K	N	*	Q	R	*	V
18	*	B	C	F	H	J	L	M	*	Q	R	*	V
18	*	A	C	F	G	I	K	N	*	Q	R	*	V
19	*	B	C	F	H	J	L	M	*	Q	R	*	V
19	*	A	C	F	G	I	K	N	*	Q	R	*	V
20	*	B	C	F	H	J	L	M	*	Q	R	*	V
20	*	A	C	F	G	I	K	N	*	Q	R	*	V
21	*	B	C	F	H	J	L	M	*	Q	R	*	V
21	*	A	C	F	G	I	K	N	*	Q	R	*	V
22	*	B	C	F	H	J	L	M	*	Q	R	*	V
22	*	A	C	F	G	I	K	N	*	Q	R	*	V
23	*	B	C	F	H	J	L	M	*	Q	R	*	V
23	*	A	C	F	G	I	K	N	*	Q	R	*	V

ORIGINAL PAGE IS
OF POOR QUALITY

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HR	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00


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0 0 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
1 1 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
2 2 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
3 3 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
4 4 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
5 5 | * | A | B | F | H | J | L | N | * | Q | R | S | U |
6 6 | * | A | B | F | H | J | L | N | * | Q | R | S | U |
7 7 | * | A | B | F | H | J | L | N | * | Q | R | S | U |
8 8 | * | A | B | F | H | J | L | N | * | Q | R | S | U |
9 9 | * | A | B | F | H | J | L | N | * | Q | R | S | U |
10 10 | * | A | B | F | H | J | L | N | * | Q | R | S | U |
11 11 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
12 12 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
13 13 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
14 14 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
15 15 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
16 16 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
17 17 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
18 18 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
19 19 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
20 20 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
21 21 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
22 22 | * | B | D | F | H | J | L | N | * | Q | R | S | U |
23 23 | * | B | D | F | H | J | L | N | * | Q | R | S | U |

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OF POOR QUALITY

HOJR	NU	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NO	NJ2	NJX	OZONE	SULFUR	HYC-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

83

0	*D	D	F	H	J	L	N	*	Q	R	T	V
0	*A	C	E	G	I	K	M	*	Q	S	T	V
1	*B	D	F	H	J	L	N	*	Q	R	T	V
1	*A	C	E	H	I	L	N	*	Q	R	S	V
2	*B	D	F	H	J	L	N	*	Q	R	S	V
2	*A	C	E	H	I	L	N	*	Q	R	S	V
3	* B	D	F	H	J	L	N	*	Q	R	S	V
3	* A	C	E	H	I	L	N	*	Q	R	S	V
4	*B	D	F	H	J	L	N	*	Q	R	S	V
4	*A	C	E	H	I	L	N	*	Q	R	S	V
5	* B	D	F	H	J	L	N	*	Q	R	S	V
5	*A	C	E	H	I	L	N	*	Q	R	S	V
6	*B	D	F	H	J	L	N	*	Q	R	S	V
6	*A	C	E	H	I	L	N	*	Q	R	S	V
7	*B	D	F	H	J	L	N	*	Q	R	S	V
7	*A	C	E	H	I	L	N	*	Q	R	S	V
8	*B	D	F	H	J	L	N	*	Q	R	S	V
8	*A	C	E	H	I	L	N	*	Q	R	S	V
9	* B	D	F	H	J	L	N	*	Q	R	S	V
9	* A	C	E	H	I	L	N	*	Q	R	S	V
10	* B	D	F	H	J	L	N	*	Q	R	S	V
10	* A	C	E	H	I	L	N	*	Q	R	S	V
11	* B	D	F	H	J	L	N	*	Q	R	S	V
11	* A	C	E	H	I	L	N	*	Q	R	S	V
12	* B	D	F	H	J	L	N	*	Q	R	S	V
12	* A	C	E	H	I	L	N	*	Q	R	S	V
13	* B	D	F	H	J	L	N	*	Q	R	S	V
13	* A	C	E	H	I	L	N	*	Q	R	S	V
14	* B	D	F	H	J	L	N	*	Q	R	S	V
14	* A	C	E	H	I	L	N	*	Q	R	S	V
15	* B	D	F	H	J	L	N	*	Q	R	S	V
15	* A	C	E	H	I	L	N	*	Q	R	S	V
16	* B	D	F	H	J	L	N	*	Q	R	S	V
16	* A	C	E	H	I	L	N	*	Q	R	S	V
17	* B	D	F	H	J	L	N	*	Q	R	S	V
17	* A	C	E	H	I	L	N	*	Q	R	S	V
18	* B	D	F	H	J	L	N	*	Q	R	S	V
18	* A	C	E	H	I	L	N	*	Q	R	S	V
19	* B	D	F	H	J	L	N	*	Q	R	S	V
19	* A	C	E	H	I	L	N	*	Q	R	S	V
20	* B	D	F	H	J	L	N	*	Q	R	S	V
20	* A	C	E	H	I	L	N	*	Q	R	S	V
21	* B	D	F	H	J	L	N	*	Q	R	S	V
21	* A	C	E	H	I	L	N	*	Q	R	S	V
22	* B	D	F	H	J	L	N	*	Q	R	S	V
22	* A	C	E	H	I	L	N	*	Q	R	S	V
23	* B	D	F	H	J	L	N	*	Q	R	S	V
23	* A	C	E	H	I	L	N	*	Q	R	S	V

84

· HOUR	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*	B											
0	*	B											
1	*	B											
1	*	B											
2	*	B											
2	*	B											
3	*	B											
3	*	B											
4	*	B											
4	*	B											
5	*	B											
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6	*	B											
6	*	B											
7	*	B											
7	*	B											
8	*	B											
8	*	B											
9	*	B											
9	*	B											
10	*	B											
10	*	B											
11	*	B											
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14	*A	A											
14	*A	A											
15	*A	A											
15	*A	A											
16	*A	A											
16	*A	A											
17	*A	A											
17	*A	A											
18	*A	A											
18	*A	A											
19	*A	A											
19	*A	A											
20	*A	A											
20	*A	A											
21	*A	A											
21	*A	A											
22	*A	A											
22	*A	A											
23	*A	A											
23	*A	A											

85	HRUR	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1	INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
		NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SQL RAD	WND SPD	TEMP	TEMP
1	INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*	U											
0	*	A											
1	*	B											
1	*	B											
2	*	A											
2	*	B											
3	*	B											
3	*	A											
4	*	B											
4	*	A											
5	*	B											
5	*	A											
6	*	B											
6	*	A											
7	*	B											
7	*	A											
8	*	B											
8	*	A											
9	*	B											
9	*	A											
10	*	B											
10	*	A											
11	*	B											
11	*	A											
12	*	B											
12	*	A											
13	*	B											
13	*	A											
14	*	B											
14	*	A											
15	*	B											
15	*	A											
16	*	B											
16	*	A											
17	*	B											
17	*	A											
18	*	B											
18	*	A											
19	*	B											
19	*	A											
20	*	B											
20	*	A											
21	*	B											
21	*	A											
22	*	B											
22	*	A											
23	*	B											
23	*	A											

98

HOURL	N0	N02	N0X	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WNO-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	N0	N02	N0X	OZONE	SULFUR	HYD-CRB	CO	8-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
1	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
1	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
2	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
2	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
3	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
3	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
4	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
4	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
5	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
5	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
6	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
6	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
7	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
7	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
8	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
8	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
9	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
9	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
10	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
10	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
11	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
11	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
12	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
12	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
13	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
13	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
14	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
14	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
15	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
15	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
16	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
16	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
17	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
17	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
18	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
18	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
19	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
19	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
20	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
20	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
21	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
21	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
22	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
22	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
23	*	B	D	F	H	I	N	*	Q	R	S	T	U	V
23	*	B	D	F	H	I	N	*	Q	R	S	T	U	V

87	HOUR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WNO-DIR	TEMP	TEMP
	1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
		NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
	1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*B	O	F	H	J	L	N	*	Q	R	T	
0	*A	C	F	H	I	L	M	*	Q	R	S	
1	*B	C	F	G	J	L	M	*	Q	R	S	
1	*A	C	F	G	J	L	M	*	Q	R	S	
2	*B	C	F	G	J	L	M	*	Q	R	S	
2	*A	C	F	G	J	L	M	*	Q	R	S	
3	*B	C	F	G	J	L	M	*	Q	R	S	
3	*A	C	F	G	J	L	M	*	Q	R	S	
4	*B	C	F	G	J	L	M	*	Q	R	S	
4	*A	C	F	G	J	L	M	*	Q	R	S	
5	*B	C	F	G	J	L	M	*	Q	R	S	
5	*A	C	F	G	J	L	M	*	Q	R	S	
6	*B	C	F	G	J	L	M	*	Q	R	S	
6	*A	C	F	G	J	L	M	*	Q	R	S	
7	*B	C	F	G	J	L	M	*	Q	R	S	
7	*A	C	F	G	J	L	M	*	Q	R	S	
8	*B	C	F	G	J	L	M	*	Q	R	S	
8	*A	C	F	G	J	L	M	*	Q	R	S	
9	*B	U	F	G	J	L	M	*	Q	R	S	
9	*A	U	F	G	J	L	M	*	Q	R	S	
10	*B	U	F	G	J	L	M	*	Q	R	S	
10	*A	U	F	G	J	L	M	*	Q	R	S	
11	*B	C	F	G	J	L	M	*	Q	R	S	
11	*A	C	F	G	J	L	M	*	Q	R	S	
12	*B	C	F	G	J	L	M	*	Q	R	S	
12	*A	C	F	G	J	L	M	*	Q	R	S	
13	*B	C	F	G	J	L	M	*	Q	R	S	
13	*A	C	F	G	J	L	M	*	Q	R	S	
14	*B	C	F	G	J	L	M	*	Q	R	S	
14	*A	C	F	G	J	L	M	*	Q	R	S	
15	*B	C	F	G	J	L	M	*	Q	R	S	
15	*A	C	F	G	J	L	M	*	Q	R	S	
16	*B	C	F	G	J	L	M	*	Q	R	S	
16	*A	C	F	G	J	L	M	*	Q	R	S	
17	*B	C	F	G	J	L	M	*	Q	R	S	
17	*A	C	F	G	J	L	M	*	Q	R	S	
18	*B	C	F	G	J	L	M	*	Q	R	S	
18	*A	C	F	G	J	L	M	*	Q	R	S	
19	*B	C	F	G	J	L	M	*	Q	R	S	
19	*A	C	F	G	J	L	M	*	Q	R	S	
20	*B	C	F	G	J	L	M	*	Q	R	S	
20	*A	C	F	G	J	L	M	*	Q	R	S	
21	*B	C	F	G	J	L	M	*	Q	R	S	
21	*A	C	F	G	J	L	M	*	Q	R	S	
22	*B	C	F	G	J	L	M	*	Q	R	S	
22	*A	C	F	G	J	L	M	*	Q	R	S	
23	*B	C	F	G	J	L	M	*	Q	R	S	
23	*A	C	F	G	J	L	M	*	Q	R	S	

88

HRUR	NU	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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0 0 *B
1 1 *A
1 1 *B
2 2 *A
2 2 *B
3 3 *A
3 3 *B
4 4 *A
4 4 *B
5 5 *A
5 5 *B
6 6 *A
6 6 *B
7 7 *A
7 7 *B
8 8 *A
8 8 *B
9 9 *A
9 9 *B
10 10 *A
10 10 *B
11 11 *A
11 11 *B
12 12 *A
12 12 *B
13 13 *A
13 13 *B
14 14 *A
14 14 *B
15 15 *A
15 15 *B
16 16 *A
16 16 *B
17 17 *A
17 17 *B
18 18 *A
18 18 *B
19 19 *A
19 19 *B
20 20 *A
20 20 *B
21 21 *A
21 21 *B
22 22 *A
22 22 *B
23 23 *A
23 23 *B

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68

HR	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B+SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*	B	D										
0	*	A	C										
1	*	B	C										
1	*	B	C										
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2	*	A	C										
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3	*	A	C										
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5	*	B	C										
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6	*	A	C										
7	*	B	C										
7	*	A	C										
8	*	B	C										
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22	*	B	C										
22	*	A	C										
23	*	B	C										
23	*	A	C										

HOUR	ND	NJ2	NOX	OZONE	SULFUR	HYD-CR8	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NJ2	NOX	OZONE	SULFUR	HYD-CR8	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

96


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0 0 |*|B
1 1 |*|B
2 2 |*|A
3 3 |*|B
4 4 |*|A
5 5 |*|B
6 6 |*|A
7 7 |*|B
8 8 |*|A
9 9 |*|B
10 10 |*|A
11 11 |*|B
12 12 |*|A
13 13 |*|B
14 14 |*|A
15 15 |*|B
16 16 |*|A
17 17 |*|B
18 18 |*|A
19 19 |*|B
20 20 |*|A
21 21 |*|B
22 22 |*|A
23 23 |*|B

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91

4 HOUR	NO	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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 78 *|B
 88 *|A
 89 *|B
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92

HRUR	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	**	*	*	*	*	*	*	*	0	R*	*
0	**	*	*	*	*	*	*	*	0	R*	*
1	**	*	*	*	*	*	*	*	0	R*	*
1	**	*	*	*	*	*	*	*	0	R*	*
2	**	*	*	*	*	*	*	*	0	R*	*
2	**	*	*	*	*	*	*	*	0	R*	*
3	**	*	*	*	*	*	*	*	0	R*	*
3	**	*	*	*	*	*	*	*	0	R*	*
4	**	*	*	*	*	*	*	*	0	R*	*
4	**	*	*	*	*	*	*	*	0	R*	*
5	**	*	*	*	*	*	*	*	0	R*	*
5	**	*	*	*	*	*	*	*	0	R*	*
6	**	*	*	*	*	*	*	*	0	R*	*
6	**	*	*	*	*	*	*	*	0	R*	*
7	**	*	*	*	*	*	*	*	0	R	*
7	**	*	*	*	*	*	*	*	0	R	*
8	**	*	*	*	*	*	*	*	0	R	*
8	**	*	*	*	*	*	*	*	0	R	*
9	**	*	*	*	*	*	*	*	0	R	*
9	**	*	*	*	*	*	*	*	0	R	*
10	**	*	*	*	*	*	*	*	0	R	*
10	**	*	*	*	*	*	*	*	0	R	*
11	**	*	*	*	*	*	*	*	0	R	*
11	**	*	*	*	*	*	*	*	0	R	*
12	** B	D	L	H	J	L	N	P	R	S	T
12	** A	C	U	G	J	K	M	P	R	S	T
13	** S	C	U	H	J	L	N	P	R	S	T
13	** A	C	U	H	J	L	M	P	R	S	T
14	** A	C	U	H	J	L	M	P	R	S	T
14	** A	C	U	H	J	L	M	P	R	S	T
15	** S	C	U	H	J	L	M	P	R	S	T
15	** A	C	U	H	J	L	M	P	R	S	T
16	** A	C	U	H	J	L	M	P	R	S	T
16	** A	C	U	H	J	L	M	P	R	S	T
17	** E	C	U	H	J	L	M	P	R	S	T
17	** A	C	U	H	J	L	M	P	R	S	T
18	** A	C	U	H	J	L	M	P	R	S	T
18	** A	C	U	H	J	L	M	P	R	S	T
19	** A	C	U	H	J	L	M	P	R	S	T
19	** A	C	U	H	J	L	M	P	R	S	T
20	** B	C	U	H	J	L	M	P	R	S	T
20	** A	C	U	H	J	L	M	P	R	S	T
21	** B	C	U	H	J	L	M	P	R	S	T
21	** A	C	U	H	J	L	M	P	R	S	T
22	** B	C	U	H	J	L	M	P	R	S	T
22	** A	C	U	H	J	L	M	P	R	S	T
23	** B	C	U	H	J	L	M	P	R	S	T
23	** A	C	U	H	J	L	M	P	R	S	T

93

HOURL	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NO	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0 #B | O
#A | C
1 #B | C
#A | C
2 *|A|B | C
*|A|B | C
3 *|A|B | C
*|A|B | C
4 *|A|B | C
*|A|B | C
5 *|A|B | C
*|A|B | C
6 #B | C
#A | C
7 #B | C
#A | C
8 *|B|A|B | C
*|B|A|B | C
9 *|A|B | C
** *|B|A|B | C
10 ** *|B|A|B | C
11 *|B|A|B | C
12 *|B|A|B | C
13 ** *|B|A|B | C
14 ** *|B|A|B | C
15 ** *|B|A|B | C
16 #B | D
#A | C
17 #B | C
#A | C
18 #B | C
#A | C
19 #A | C
#B | C
20 #A | C
#B | C
21 #A | C
#B | C
22 *|B|A | C
*|B|A | C
23 *|B|A | C
*|B|A | C

46

Table with 13 columns: HOUR, ND, ND2, ND3, OZONE, SULFUR, HYD-CRB, CD, VISBY, REL HUM, WND-DIR, TEMP, TEMP. It contains data for 1 INCH at 50.00, 50.00, 50.00 and 400.00, 1.50, 20.00.

3

0	*	B											
1	*	A											
2	*	B											
3	*	A											
4	*	B											
5	*	A											
6	*	B											
7	*	A											
8	*	B											
9	*	A											
10	*	B											
11	*	A											
12	*	B											
13	*	A											
14	*	B											
15	*	A											
16	*	B											
17	*	A											
18	*	B											
19	*	A											
20	*	B											
21	*	A											
22	*	B											
23	*	A											

HR	NU	NJ2	NJX	DZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WNO-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NU	NJ2	NJX	DZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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HOUR	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	8-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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000**B
010**A
020**B
030**A
040**A
050**B
060**A
070**A
080**A
090**A
100**B
110**A
111**B
120**A
130**B
140**A
150**B
160**A
170**B
180**A
190**B
200**A
210**B
220**A
230**B

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HR	NI	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NI	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	# B	D	F	H	*	*	N	O	P	R	T	U
0	# A	C	E	G	*	*	M	0	0	0	S	V
1	# B	C	E	H	*	*	N	0	0	0	T	V
1	# A	C	E	G	*	*	N	0	0	0	T	V
2	# B	C	E	H	*	*	N	0	0	0	T	V
2	# A	C	E	G	*	*	N	0	0	0	T	V
3	# B	C	E	H	*	*	N	0	0	0	T	V
3	# A	C	E	G	*	*	N	0	0	0	T	V
4	# B	C	E	H	*	*	N	0	0	0	T	V
4	# A	C	E	G	*	*	N	0	0	0	T	V
5	# B	C	E	H	*	*	N	0	0	0	T	V
5	# A	C	E	G	*	*	N	0	0	0	T	V
6	# B	C	E	H	*	*	N	0	0	0	T	V
6	# A	C	E	G	*	*	N	0	0	0	T	V
7	# B	C	E	H	*	*	N	0	0	0	T	V
7	# A	C	E	G	*	*	N	0	0	0	T	V
8	# B	C	E	H	*	*	N	0	0	0	T	V
8	# A	C	E	G	*	*	N	0	0	0	T	V
9	# B	C	E	H	*	*	N	0	0	0	T	V
9	# A	C	E	G	*	*	N	0	0	0	T	V
10	# B	C	E	H	*	*	N	0	0	0	T	V
10	# A	C	E	G	*	*	N	0	0	0	T	V
11	# B	C	E	H	*	*	N	0	0	0	T	V
11	# A	C	E	G	*	*	N	0	0	0	T	V
12	# B	C	E	H	*	*	N	0	0	0	T	V
12	# A	C	E	G	*	*	N	0	0	0	T	V
13	# B	C	E	H	*	*	N	0	0	0	T	V
13	# A	C	E	G	*	*	N	0	0	0	T	V
14	# B	C	E	H	*	*	N	0	0	0	T	V
14	# A	C	E	G	*	*	N	0	0	0	T	V
15	# B	C	E	H	*	*	N	0	0	0	T	V
15	# A	C	E	G	*	*	N	0	0	0	T	V
16	# B	C	E	H	*	*	N	0	0	0	T	V
16	# A	C	E	G	*	*	N	0	0	0	T	V
17	# B	C	E	H	*	*	N	0	0	0	T	V
17	# A	C	E	G	*	*	N	0	0	0	T	V
18	# B	C	E	H	*	*	N	0	0	0	T	V
18	# A	C	E	G	*	*	N	0	0	0	T	V
19	# B	C	E	H	*	*	N	0	0	0	T	V
19	# A	C	E	G	*	*	N	0	0	0	T	V
20	# B	C	E	H	*	*	N	0	0	0	T	V
20	# A	C	E	G	*	*	N	0	0	0	T	V
21	# B	C	E	H	*	*	N	0	0	0	T	V
21	# A	C	E	G	*	*	N	0	0	0	T	V
22	# B	C	E	H	*	*	N	0	0	0	T	V
22	# A	C	E	G	*	*	N	0	0	0	T	V
23	# B	C	E	H	*	*	N	0	0	0	T	V
23	# A	C	E	G	*	*	N	0	0	0	T	V

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1 INCH =	NU	NJ2	NDX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
	NU	NJ2	NDX	OZONE	SULFUR	HYD-CRB	CO	8-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
1 INCH =	50.00	50.50	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	* B	D		H	*	*	N	P	R	T	V
0	* A	C		G	*	*	M	0	R	S	V
1	* B	U		H	*	*	N	0	R	T	V
1	* A	C		G	*	*	N	0	R	S	V
2	* B	C		H	*	*	M	0	R	T	V
2	* A	C		G	*	*	N	0	R	S	V
3	* B	C		H	*	*	M	0	R	T	V
3	* A	C		G	*	*	N	0	R	S	V
4	* B	C		H	*	*	M	0	R	T	V
4	* A	C		G	*	*	N	0	R	S	V
5	* B	C		H	*	*	M	0	R	T	V
5	* A	C		G	*	*	N	0	R	S	V
6	* B	C		H	*	*	M	0	R	T	V
6	* A	C		G	*	*	N	0	R	S	V
7	* B	C		H	*	*	M	0	R	T	V
7	* A	C		G	*	*	N	0	R	S	V
8	* B	C		H	*	*	M	0	R	T	V
8	* A	C		G	*	*	N	0	R	S	V
9	* B	C		H	*	*	M	0	R	T	V
9	* A	C		G	*	*	N	0	R	S	V
10	* B	C		H	*	*	M	0	R	T	V
10	* A	C		G	*	*	N	0	R	S	V
11	* B	C		H	*	*	M	0	R	T	V
11	* A	C		G	*	*	N	0	R	S	V
12	* B	C		H	*	*	M	0	R	T	V
12	* A	C		G	*	*	N	0	R	S	V
13	* B	C		H	*	*	M	0	R	T	V
13	* A	C		G	*	*	N	0	R	S	V
14	* B	C		H	*	*	M	0	R	T	V
14	* A	C		G	*	*	N	0	R	S	V
15	* B	C		H	*	*	M	0	R	T	V
15	* A	C		G	*	*	N	0	R	S	V
16	* B	C		H	*	*	M	0	R	T	V
16	* A	C		G	*	*	N	0	R	S	V
17	* B	C		H	*	*	M	0	R	T	V
17	* A	C		G	*	*	N	0	R	S	V
18	* B	C		H	*	*	M	0	R	T	V
18	* A	C		G	*	*	N	0	R	S	V
19	* B	C		H	*	*	M	0	R	T	V
19	* A	C		G	*	*	N	0	R	S	V
20	* B	C		H	*	*	M	0	R	T	V
20	* A	C		G	*	*	N	0	R	S	V
21	* B	C		H	*	*	M	0	R	T	V
21	* A	C		G	*	*	N	0	R	S	V
22	* B	C		H	*	*	M	0	R	T	V
22	* A	C		G	*	*	N	0	R	S	V
23	* B	C		H	*	*	M	0	R	T	V
23	* A	C		G	*	*	N	0	R	S	V

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HOURL	NJ1	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ1	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*B	O	F	H	*	*	N	P	Q	R	T	U
0	*A	C	F	H	*	*	M	P	Q	R	S	V
1	*B	C	F	H	*	*	M	P	Q	R	S	V
1	*A	C	F	H	*	*	M	P	Q	R	S	V
2	*B	C	F	H	*	*	M	P	Q	R	S	V
2	*A	C	F	H	*	*	M	P	Q	R	S	V
3	*B	C	F	H	*	*	M	P	Q	R	S	V
3	*A	C	F	H	*	*	M	P	Q	R	S	V
4	*B	C	F	H	*	*	M	P	Q	R	S	V
4	*A	C	F	H	*	*	M	P	Q	R	S	V
5	*B	C	F	H	*	*	M	P	Q	R	S	V
5	*A	C	F	H	*	*	M	P	Q	R	S	V
6	*B	C	F	H	*	*	M	P	Q	R	S	V
6	*A	C	F	H	*	*	M	P	Q	R	S	V
7	*B	C	F	H	*	*	M	P	Q	R	S	V
7	*A	C	F	H	*	*	M	P	Q	R	S	V
8	*B	C	F	H	*	*	M	P	Q	R	S	V
8	*A	C	F	H	*	*	M	P	Q	R	S	V
9	*B	C	F	H	*	*	M	P	Q	R	S	V
9	*A	C	F	H	*	*	M	P	Q	R	S	V
10	*B	C	F	H	*	*	M	P	Q	R	S	V
10	*A	C	F	H	*	*	M	P	Q	R	S	V
11	*B	C	F	H	*	*	M	P	Q	R	S	V
11	*A	C	F	H	*	*	M	P	Q	R	S	V
12	*B	C	F	H	*	*	M	P	Q	R	S	V
12	*A	C	F	H	*	*	M	P	Q	R	S	V
13	*B	C	F	H	*	*	M	P	Q	R	S	V
13	*A	C	F	H	*	*	M	P	Q	R	S	V
14	*B	C	F	H	*	*	M	P	Q	R	S	V
14	*A	C	F	H	*	*	M	P	Q	R	S	V
15	*B	C	F	H	*	*	M	P	Q	R	S	V
15	*A	C	F	H	*	*	M	P	Q	R	S	V
16	*B	C	F	H	*	*	M	P	Q	R	S	V
16	*A	C	F	H	*	*	M	P	Q	R	S	V
17	*B	C	F	H	*	*	M	P	Q	R	S	V
17	*A	C	F	H	*	*	M	P	Q	R	S	V
18	*B	C	F	H	*	*	M	P	Q	R	S	V
18	*A	C	F	H	*	*	M	P	Q	R	S	V
19	*B	C	F	H	*	*	M	P	Q	R	S	V
19	*A	C	F	H	*	*	M	P	Q	R	S	V
20	*B	C	F	H	*	*	M	P	Q	R	S	V
20	*A	C	F	H	*	*	M	P	Q	R	S	V
21	*B	C	F	H	*	*	M	P	Q	R	S	V
21	*A	C	F	H	*	*	M	P	Q	R	S	V
22	*B	C	F	H	*	*	M	P	Q	R	S	V
22	*A	C	F	H	*	*	M	P	Q	R	S	V
23	*B	C	F	H	*	*	M	P	Q	R	S	V
23	*A	C	F	H	*	*	M	P	Q	R	S	V

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HOUR	W	NJ2	NQX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NQX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*B	D	F	I	J	L	N	P	Q	R	T	U
0	*A	C	F	I	J	L	N	P	Q	R	T	U
1	*B	C	F	I	J	L	N	P	Q	R	T	V
1	*A	C	F	I	J	L	N	P	Q	R	T	V
2	*B	D	F	I	J	L	N	P	Q	R	T	V
2	*A	C	F	I	J	L	N	P	Q	R	T	V
3	*B	C	F	I	J	L	N	P	Q	R	T	V
3	*A	C	F	I	J	L	N	P	Q	R	T	V
4	*B	D	F	I	J	L	N	P	Q	R	T	V
4	*A	C	F	I	J	L	N	P	Q	R	T	V
5	*B	C	F	I	J	L	N	P	Q	R	T	V
5	*A	C	F	I	J	L	N	P	Q	R	T	V
6	*B	D	F	I	J	L	N	P	Q	R	T	V
6	*A	C	F	I	J	L	N	P	Q	R	T	V
7	*B	C	F	I	J	L	N	P	Q	R	T	V
7	*A	C	F	I	J	L	N	P	Q	R	T	V
8	*B	D	F	I	J	L	N	P	Q	R	T	V
8	*A	C	F	I	J	L	N	P	Q	R	T	V
9	*B	C	F	I	J	L	N	P	Q	R	T	V
9	*A	C	F	I	J	L	N	P	Q	R	T	V
10	*B	D	F	I	J	L	N	P	Q	R	T	V
10	*A	C	F	I	J	L	N	P	Q	R	T	V
11	*B	C	F	I	J	L	N	P	Q	R	T	V
11	*A	C	F	I	J	L	N	P	Q	R	T	V
12	*B	D	F	I	J	L	N	P	Q	R	T	V
12	*A	C	F	I	J	L	N	P	Q	R	T	V
13	*B	C	F	I	J	L	N	P	Q	R	T	V
13	*A	C	F	I	J	L	N	P	Q	R	T	V
14	*B	D	F	I	J	L	N	P	Q	R	T	V
14	*A	C	F	I	J	L	N	P	Q	R	T	V
15	*B	C	F	I	J	L	N	P	Q	R	T	V
15	*A	C	F	I	J	L	N	P	Q	R	T	V
16	*B	D	F	I	J	L	N	P	Q	R	T	V
16	*A	C	F	I	J	L	N	P	Q	R	T	V
17	*B	C	F	I	J	L	N	P	Q	R	T	V
17	*A	C	F	I	J	L	N	P	Q	R	T	V
18	*B	D	F	I	J	L	N	P	Q	R	T	V
18	*A	C	F	I	J	L	N	P	Q	R	T	V
19	*B	C	F	I	J	L	N	P	Q	R	T	V
19	*A	C	F	I	J	L	N	P	Q	R	T	V
20	*B	D	F	I	J	L	N	P	Q	R	T	V
20	*A	C	F	I	J	L	N	P	Q	R	T	V
21	*B	C	F	I	J	L	N	P	Q	R	T	V
21	*A	C	F	I	J	L	N	P	Q	R	T	V
22	*B	D	F	I	J	L	N	P	Q	R	T	V
22	*A	C	F	I	J	L	N	P	Q	R	T	V
23	*B	C	F	I	J	L	N	P	Q	R	T	V
23	*A	C	F	I	J	L	N	P	Q	R	T	V

HOURL	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NJ	NJ2	NJX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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0	* B	C		H	J	L	N	O	Q	PR	S	T	V
0	* A	C		G	I	K	M	O	Q	PR	S	T	V
1	* B	C		H	J	L	M	O	Q	PR	S	T	V
1	* A	C		G	I	K	M	O	Q	PR	S	T	V
2	* B	C		H	J	L	M	O	Q	PR	S	T	V
2	* A	C		G	I	K	M	O	Q	PR	S	T	V
3	* B	C		H	J	L	M	O	Q	PR	S	T	V
3	* A	C		G	I	K	M	O	Q	PR	S	T	V
4	* B	C		H	J	L	M	O	Q	PR	S	T	V
4	* A	C		G	I	K	M	O	Q	PR	S	T	V
5	* B	C		H	J	L	M	O	Q	PR	S	T	V
5	* A	C		G	I	K	M	O	Q	PR	S	T	V
6	* B	C		H	J	L	M	O	Q	PR	S	T	V
6	* A	C		G	I	K	M	O	Q	PR	S	T	V
7	* B	C		H	J	L	M	O	Q	PR	S	T	V
7	* A	C		G	I	K	M	O	Q	PR	S	T	V
8	* B	C		H	J	L	M	O	Q	PR	S	T	V
8	* A	C		G	I	K	M	O	Q	PR	S	T	V
9	* B	C		H	J	L	M	O	Q	PR	S	T	V
9	* A	C		G	I	K	M	O	Q	PR	S	T	V
10	* B	C		H	J	L	M	O	Q	PR	S	T	V
10	* A	C		G	I	K	M	O	Q	PR	S	T	V
11	* B	C		H	J	L	M	O	Q	PR	S	T	V
11	* A	C		G	I	K	M	O	Q	PR	S	T	V
12	* B	C		H	J	L	M	O	Q	PR	S	T	V
12	* A	C		G	I	K	M	O	Q	PR	S	T	V
13	* B	C		H	J	L	M	O	Q	PR	S	T	V
13	* A	C		G	I	K	M	O	Q	PR	S	T	V
14	* B	C		H	J	L	M	O	Q	PR	S	T	V
14	* A	C		G	I	K	M	O	Q	PR	S	T	V
15	* B	C		H	J	L	M	O	Q	PR	S	T	V
15	* A	C		G	I	K	M	O	Q	PR	S	T	V
16	* B	C		H	J	L	M	O	Q	PR	S	T	V
16	* A	C		G	I	K	M	O	Q	PR	S	T	V
17	* B	C		H	J	L	M	O	Q	PR	S	T	V
17	* A	C		G	I	K	M	O	Q	PR	S	T	V
18	* B	C		H	J	L	M	O	Q	PR	S	T	V
18	* A	C		G	I	K	M	O	Q	PR	S	T	V
19	* B	C		H	J	L	M	O	Q	PR	S	T	V
19	* A	C		G	I	K	M	O	Q	PR	S	T	V
20	* B	C		H	J	L	M	O	Q	PR	S	T	V
20	* A	C		G	I	K	M	O	Q	PR	S	T	V
21	* B	C		H	J	L	M	O	Q	PR	S	T	V
21	* A	C		G	I	K	M	O	Q	PR	S	T	V
22	* B	C		H	J	L	M	O	Q	PR	S	T	V
22	* A	C		G	I	K	M	O	Q	PR	S	T	V
23	* B	C		H	J	L	M	O	Q	PR	S	T	V
23	* A	C		G	I	K	M	O	Q	PR	S	T	V

HOURL	ND	NDZ	NDX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	N-I	NDZ	NDX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

ORIGINAL PAGE IS
OF POOR QUALITY

0	*	B											
0	*	A											
1	*	B											
1	*	A											
2	*	B											
2	*	A											
3	*	B											
3	*	A											
4	*	B											
4	*	A											
5	*	B											
5	*	A											
6	*	B											
6	*	A											
7	*	B											
7	*	A											
8	*	B											
8	*	A											
9	*	B											
9	*	A											
10	*	B											
10	*	A											
11	*	B											
11	*	A											
12	*	B											
12	*	A											
13	*	B											
13	*	A											
14	*	B											
14	*	A											
15	*	B											
15	*	A											
16	*	B											
16	*	A											
17	*	B											
17	*	A											
18	*	B											
18	*	A											
19	*	B											
19	*	A											
20	*	B											
20	*	A											
21	*	B											
21	*	A											
22	*	B											
22	*	A											
23	*	B											
23	*	A											

HOUR	NW	NW2	NWX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND-DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NW	NW2	NWX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD.	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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0	* B	D	F	H	J	L	N	P	R	T	V
0	* A	C	F	G	I	K	M	O	R	S	V
1	* B	C	F	H	J	L	N	P	R	T	V
1	* A	C	F	G	I	K	M	O	R	S	V
2	* B	C	F	H	J	L	N	P	R	T	V
2	* A	C	F	G	I	K	M	O	R	S	V
3	* B	C	F	H	J	L	N	P	R	T	V
3	* A	C	F	G	I	K	M	O	R	S	V
4	* B	C	F	H	J	L	N	P	R	T	V
4	* A	C	F	G	I	K	M	O	R	S	V
5	* B	C	F	H	J	L	N	P	R	T	V
5	* A	C	F	G	I	K	M	O	R	S	V
6	* B	C	F	H	J	L	N	P	R	T	V
6	* A	C	F	G	I	K	M	O	R	S	V
7	* B	C	F	H	J	L	N	P	R	T	V
7	* A	C	F	G	I	K	M	O	R	S	V
8	* B	C	F	H	J	L	N	P	R	T	V
8	* A	C	F	G	I	K	M	O	R	S	V
9	* B	C	F	H	J	L	N	P	R	T	V
9	* A	C	F	G	I	K	M	O	R	S	V
10	* B	C	F	H	J	L	N	P	R	T	V
10	* A	C	F	G	I	K	M	O	R	S	V
11	**	*	*	*	*	*	*	*	*	*	*
11	**	*	*	*	*	*	*	*	*	*	*
12	**	*	*	*	*	*	*	*	*	*	*
12	**	*	*	*	*	*	*	*	*	*	*
13	**	*	*	*	*	*	*	*	*	*	*
13	**	*	*	*	*	*	*	*	*	*	*
14	* B	D	F	H	J	L	N	P	R	T	V
14	* A	C	F	G	I	K	M	O	R	S	V
15	* B	C	F	H	J	L	N	P	R	T	V
15	* A	C	F	G	I	K	M	O	R	S	V
16	* B	C	F	H	J	L	N	P	R	T	V
16	* A	C	F	G	I	K	M	O	R	S	V
17	* B	C	F	H	J	L	N	P	R	T	V
17	* A	C	F	G	I	K	M	O	R	S	V
18	* B	C	F	H	J	L	N	P	R	T	V
18	* A	C	F	G	I	K	M	O	R	S	V
19	* B	C	F	H	J	L	N	P	R	T	V
19	* A	C	F	G	I	K	M	O	R	S	V
20	* B	C	F	H	J	L	N	P	R	T	V
20	* A	C	F	G	I	K	M	O	R	S	V
21	* B	D	F	H	J	L	N	P	R	T	V
21	* A	C	F	G	I	K	M	O	R	S	V
22	* B	C	F	H	J	L	N	P	R	T	V
22	* A	C	F	G	I	K	M	O	R	S	V
23	* B	C	F	H	J	L	N	P	R	T	V
23	* A	C	F	G	I	K	M	O	R	S	V

105	HDUR	NU	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WNO-DIR	TEMP	TEMP
	1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
		N1	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WNO SPD	TEMP	TEMP
	1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	* B	0											
0	* A	C											
1	*B	D											
1	*A	C											
2	*B	D											
2	*A	C											
3	*B	D											
3	*A	C											
4	*H	D											
4	*A	C											
5	* B	D											
5	* A	C											
6	* B	D											
6	* A	C											
7	* B	D											
7	* A	C											
8	* B	D											
8	* A	C											
9	* B	D											
9	* A	C											
10	*B	D											
10	*A	C											
11	* B	D											
11	* A	C											
12	* B	D											
12	* A	C											
13	* B	D											
13	* A	C											
14	*B	D											
14	*A	C											
15	*B	D											
15	*A	C											
16	*B	D											
16	*A	C											
17	*B	D											
17	*A	C											
18	* B	D											
18	* A	C											
19	*B	D											
19	*A	C											
20	*B	D											
20	*A	C											
21	*B	D											
21	*A	C											
22	*B	D											
22	*A	C											
23	*B	D											
23	*A	C											

106	1 INCH =	NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CD	VISBY	REL HUM	WND-DIR	TEMP	TEMP
		50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
		NJ	NJ2	NOX	OZONE	SULFUR	HYD-CRB	CD	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
	1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

0	*B												
0	*A												
1	*B												
1	*A												
2	*B												
2	*A												
3	* B												
3	* A												
4	* B												
4	* A												
5	* B												
5	* A												
6	*B												
6	*A												
7	*B												
7	*A												
8	*B												
8	*A												

HR	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	VISBY	REL HUM	WND DIR	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	30.00	100.00	360.00	20.00	20.00
	NO	NO2	NOX	OZONE	SULFUR	HYD-CRB	CO	B-SCAT	SOL RAD	WND SPD	TEMP	TEMP
1 INCH =	50.00	50.00	50.00	100.00	100.00	5000.00	5000.00	400.00	1.50	20.00	20.00	20.00

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4. Meteorological Data

The data contained in this section includes a comprehensive study of the surrounding meteorological conditions that affect concentration of atmospheric constituents. There are two sub-sections herein: the first contains a series of stream flow maps for the area as well as the radiosonde and vertical wind profiles for Wallops Island and Cape Hatteras (the two closest stations); and the second sub-section contains hourly weather data for five stations surrounding the experiment site.

a. In the first sub-section, all the surface wind data available from the area are entered in Force Beaufort format from which a stream flow analysis was prepared. These charts were prepared on a twice per day basis (8 AM and 8 PM local daylight time) and permit an analysis of trajectories of air that entered the experimental site area. In addition, insets on these charts provide radiosonde temperature, dewpoint, and vertical wind profile data for the corresponding time periods for Wallops Island and Cape Hatteras. The temperature curves are the solid lines, the dewpoints are the dashed curves; the Wallops Island infrared profile data leave points represented by a circle and the Cape Hatteras data is represented merely by dots.

b. The hourly data were provided for local stations in the area as they were available. The locations for P.G.C.O., N.G.U., and Lake Kilby are indicated as written on the stream flow charts. The location of the experiment site is indicated by a star in the left center of the chart; the location of the Chesapeake Airport is at the wind reporting location, about 7 miles south of the experiment site and the location VEPCO report is at the wind reporting location at the upper left corner of the inset.

DATE: 22 JULY 1

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	NGU	PECO	VERCO	LAKE KILBY	C-P ART	
00	1-07 70/60 2	0 70	SE 4	C 66 SE		0
01	1-07 70/79 2	0 69	2			0
02	07 70/79 2	0 62	S 2			0
03	07 67/70 2	0 57	2			0
04	07 6 1/2	0 6 1/2	WHW 3	C 61 S		0
05	07 6 1/2	0 6 1/2	3			0
06	1-07 1 1/2	0 3 1/2	3			0
07	1-07 1 1/2	0 1 1/2	2			0
08	1-07 70/60 C	0 16	W 2	CLR 64 SE		0
09	304/07 70/60 C	0 74	NE 7		SE	0
10	302/07 70/60 C	0 77	N 5		N	10
11	303/07 76/51 NE 4	0 21	NE 6		E	1
12	300/07 77/60 ENE 5	0 83	S	1/2 78 NE	E	1
13	300/07 77/62 NE 9	0 87	6		SE	1
14	300/07 77/60 E 10	0 86	8		SE	1
15	300/07 77/60 E 10	0 85	SE 8		E	1
16	300/07 77/59 E 7	0 85	E 8	C 73 SE	SE	1
17	304/07 76/59 NE 9	0 83	NE 8		E	1
18	07 76/50 E 10	0 21	ESE 10		E	1
19	07 75/52 E 9	0 20	SE 9			1
20	1-07 77/52 ESE 7	0 76	SE 6	CLR 70 SE		2
21		0 76	ESE 5			2
22		0 75	5			2
23		0 73	S 4			2

DATE: 31 JUL 4

NEEL

PECO YERCO

LAKE KILBY

C-P ART

LOT							
00			0 74	SE 4		CLR 68	N
01	07	70/60	0 73	2			
02	07	70/59	0 71	S 4			
03	07	69/60	0 68	SW 3			
04	07	67/60	0 67	3		CLR 63	NE
05	1-07	67/61	0 66	S 2			
06	70/67	68/61	0 65	SW 3			
07	11/67	65/63	0 65	NE 3			
08	1-07	71/72	0 58	W 3		P/C 67	E
09	70/67	71/72	0 74	NW 3			NE
10			0 77	N 4			NE
11	70/67	71/72	0 80	NE 7			NE
12	70/67	74/63	0 81	NW 4		C 75	E
13	70/67	77/61	0 82	NE 4			S
14	70/67	80/65	0 81	SW 4			
15	70/67	83/64	0 79	5			
16	70/67	80/59	0 81	6		C 78	S
17	70/67	80/59	0 81	8			
18	70/67	80/57	0 81	6			
19	70/67	76/57	0 79	6			
20	70/67	76/55	0 77	S 5		C 71	SW
21	70/67	74/60	0 76	SE 4			
22	70/67	77/59	0 75	4			
23	1-07	71/60	0 73	4			

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DATE: 20 JULY

LOT		NEEL	PECO	VERPCO	LAKE KILBY	C.P. PART	
00			85	W 5	P/C 81 W		2
01	4001/002/001 82/72 W 7		83	NW 5			2
02			82	5			0
03			82	6			0
04	300/0254 80/65 N 14		80	NE 5	P/C 74 NW		0
05	1054 79/57 N 10		79	5			0
06	250/0411 72/63 NW 16		77	N 5			0
07	M		77	9			0
08	250/0511 79/57 N 11		77	6	CLR 73 N		0
09	250/07 79/60 N 12		80	7		N	0
10	250/07 80/57 N 12		81	11		N	1
11	250/07 80/61 N 15 9		83	NE 7		N	1
12	250/07 80/62 N 9		84	N 10	CLR 80 NE	NE	1
13	250/07 80/59 N 10		85	5		NE	1
14	250/07 80/60 N 10		87	NE 8		NE	1
15	250/07 80/61 N 11		87	N 8		NE	1
16	250/07 80/61 N 11		87	7	P/C 81 N	NE	1
17	250/07 80/60 NE 8		86	5		NE	1
18	1-17 79/60 N 3		86	NE 7		NE	1
19	07 79/61 N 5		85	6			1
20	07 79/60 N 5		82	6	CLR 77 N		1
21	07 79/59 NE 5		79	6			1
22	07 79/51 E 2		78	6			2
23	07 73/61 E		77	SE 4			2

DATE: 19 JUL 77

	NEU	P&CO	VERCO	LAKE KILBY	C.P. APT	
00	100054 80/66 S11	0 75	S 5	CLR 77 SW		2
01	100051 77/62 S13	0 79	11			0
02	100051 77/63 S12	0 72	SW 11			0
03	100011 75/70 S10	0 77	9			0
04	100011 73/70 S1011	0 77	9	CLR 75 SW		0
05	100011 77/72 S1011	0 77	6			0
06	100011 77/72 S1011	0 77	9			0
07	100011 77/72 S1012	0 77	7			0
08	100011 77/72 S1011	0 77	8	C 76 SW		0
09	100011 77/72 S1012	0 81	13		SW	0
10	100011 77/74 S1012	0 83	10		SW	1
11	120011 77/75 S1012	0 86	11		SW	1
12	120011 75/75 S1012	0 88	9	P/C 85 SW	SW	1
13	400011 75/75 S1012	0 89	13		SW	1
14	400011 75/75 S1012	0 91	W 12		SW	1
15	400011 75/75 S1012	0 89	SW 5		SW	1
16	400011 75/75 S1012	0 91	W 13	C 88 NW	SW	1
17	400011 75/75 S1012	0 92	SW 6			1
18		0 92	5			1
19	400011 75/75 S1012	0 91	W 4			1
20	400011 75/75 S1012	0 90	SW 4	C 85 W		1
21	400011 75/75 S1012	0 89	5			1
22	400011 75/75 S1012	0 86	8			2
23	400011 75/75 S1012	0 85	W 6			2

DATE: 18JU 74

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	WELL	PERCO	VERCO	LAKE KILBY	C.P. NAT
LWT 00	07 73/61 SE 2	74	S 5	BLR 70 S	
01	07 72/62 C	0 73	SW 5		
02	07 71/62 C	0 72	SW 3		
03	07 72/62 S 2	0 71	S 2		
04	107 69/62 SE 3	0 70	SSW 3	BLR 67 S	
05	300/107 71/63 S 2	0 70	SW 4		
06	400/107 70/63 C	0 69	SW 4		
07	400/1004/105H 73/64 SSE 3	0 69	SSW 5		
08	400/1004/107 74/64 S 4	0 72	4	C 69 S	
09	300/50/1000 74/62 SSW 6	0 76	S 6		S
10	500/120/107 80/61 SSW 6	0 79	SW 7		S
11	M 56	0 82	6		S
12	800/102H 83/64 S 9	0 84	7	C 82 S	SW
13	800/101H 84/66 S 10	0 87	12		S
14	800/105H 85/68 SW 8	0 89	S 13		SW
15	800/105H 87/68 S 6	0 90	9		S
16	800/107 89/68 SSW 7	0 90	11	C 84 SW	S
17		0 90	10		S
18	-x 800/105H 89/69 SSW 10	0 90	SW 9		S
19	-x 5H 87/68 SSW 10	0 88	8		
20	100/105H 85/67 S 7	0 89	7	C 79 SW	
21	100/105H 84/67 S 7	0 84	5		
22	100/105H 81/70 SSE 6	0 82	S 8		
23	100/105H 82/69 S 10	0 81	5		

DATE: 17 JUL '4

NEEL

PGCO VEPCO

LAKE KILBY

C.P. APP

LOT									
00	105H	77/70	NNW 3	078	NW 3		CLR 73	SE	
01	105H	78/10	NNW 4	077	3				
02	104H	78/70	N 4	076	2				
03	104H	73/68	C	074	W 2				
04	104H	77/70	N 5	073	2		CLR 67	E	
05	104H	75/69	NE 2	072	N 3				
06	104H	74/66	C	072	SSW 2				
07	400/04H	74/67	NE 3	072	SSW 3				
08	MSG			074	N 4		CLR 70	N	
09	07	80/64	NE 6	079	NE 8				N
10	07	81/64	NE 6	085	N 5				NE
11	07	82/63	NE 7	087	NE 4				N
12	107	82/62	N 4	089	N 6		CLR 84	N	N
13	107	82/61	NE 7	091	NW 4				E
14	107	82/61	N 5	090	S				N
15	107	83/61	NE 5	090	6				NW
16	107	83/59	NE 5	091	N 4		CLR 86	NW	NE
17	107	82/60	NE 4	092	4				N
18	MSG			090	NE 4				E
19	107	80/62	E 4	088	E 6				
20	107	79/60	E 2	082	8		CLR 79	SE	
21	107	74/59	SE 3	085	6				
22	107	75/60	SE 5	077	S 5				
23	MSG			077	S				

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DATE: 16 JULY

LOT	NEILL	PECO	NEPCO	LAKE KILBY	C.P. ART	
00	250/05H 79/72 NW 1	781	E 4	C 80 N		2
01	250D10074H 80/71 SE 3	782	SSW 5			2
02	250/10075H 80/71 S 4	782	S 8			0
03	250/10005H 81/72 C	781	SW 3			2
04	250/10054H 79/72 NW 4	781	W 5	CLR 76 W		2
05		777	WNW 3			0
06		777	NW 5			0
07		777	7			0
08	300820/05H 76/70 N 2	777	N 3	P/C 74 NW		0
09	300820/04H 77/67 NW 4	779	NW 4		NW	0
10	300820/05H 77/67 NW 7	780	N 4		N	1
11	300820/05H 76/68 N 4	780	NW 7		W	1
12		781	3	77 NW	W	1
13	300820/05H 79/71 NNE 5	782	4		NW	1
14		787	N 3		NW	1
15	300820/05H 82/73 NE 6	790	4		NW	1
16	1-04H 81/72 NNE 7	790	NW 5	C 86 NW	N	1
17	MSC	789	N 6		NE	1
18	1-04H 81/67 NNE 8	787	NE 7		NE	1
19	1-04H 80/67 N 7	785	5		NE	1
20	1-04H 80/66 N 6	784	N 7	C 79 NW		2
21		783	4			2
22	300/05H 77/66 C	783	4			2
23	1-05H 74/66 C	780	NW 3			2

DATE: 15 JUL 7

NGLL

PECO VECO

LAKE KILBY

C.P. ART

LOT	DATE	TIME	DIRECTION	WIND	VELOCITY	WIND	VELOCITY	WIND	VELOCITY	WIND	VELOCITY	WIND	VELOCITY	WIND	VELOCITY
00	1-07	81/69	SW 8	0 71	5	7		CLR	77	S					00
01	1-07	79/68	SW 8	0 79	6										01
02	1-07	78/68	SW 8	0 78	7										02
03	07	77/68	SW 8	0 76	7										03
04	07	76/68	SW 7	0 75	7			CLR	74	S					04
05	07	75/68	SW 8	0 74	7										05
06				0 73	10										06
07	105H	75/68	SW 8	0 73	6										07
08	106H	76/67	SW 7	0 74	7			CLR	73	W					08
09	1005H	79/69	SW 6	0 77	6							SW			09
10	1005H	82/71	WSW 8	0 82	9							SW			10
11				0 86	5							SW			11
12	1006H	80/72	SW 6	0 90	7			CLR	86	SW		SW			12
13	1006H	90/71	WSW 8	0 92	6							SW			13
14	1006H	93/71	WSW 10	0 95	5							W			14
15	1006H	94/69	WSW 10	0 97	7							S			15
16	1006H	96/68	W 9	0 98	4			CLR	95	SW		S			16
17	06H	95/68	WSW 9 5 11	0 98	5							SW			17
18	1006H	95/68	SW 8	0 98	7							S			18
19	1006H	94/68	SW 7	0 97	10										19
20	1006H	91/70	SSW 6	0 93	7			CLR	87	SW					20
21	1700/04H	83/74	SSW 7	0 90	5										21
22	2000/05H	84/74	SSW 7	0 88	7										22
23	2500/06H	85/73	W 12 6 18	0 86	4										23

WIND SHEET 2242
FRT DSNT 6 NW

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DATE: 14 JUL 1

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	WELL	PROD	INJEC	LAKE KILBY	C.P. PART
00	1-07 71/63 SW 2	0 75	SW 5	CLR 70 SW	
01	1-07 75/59 SW 6	0 73	5		
02	1-07 74/59 SW 5	0 72	5		
03	07 73/59 SW 6	0 70	4		
04	07 73/62 SW 7	0 69	3	CLR 65 SW	
05	1-07 71/60 SW 5	0 68	7		
06	1-07 71/60 SSW 2	0 67	6		
07	07 73/60 WSW 6	0 66	5		
08	07 74/62 SW 9	0 66	6	CLR 68 SW	
09	07 77/64 W 6	0 74	5		
10	07 79/65 W 8	0 79	W 5		
11	07 82/67 W 4	0 84	NW 5		
12	1-07 85/67 WSW 6	0 87	W 6	CLR 84 SW	
13	1-07 88/67 SW 6	0 90	NW 5		
14	1-07 90/63 W 6	0 93	W 6		
15	1-07 92/63 W 6	0 94	SW 5		
16	07 92/62 W 6	0 95	8	CLR 92 NW	
17	07 92/64 SW 8	0 95	10		
18	07 92/65 SW 6	0 95	5		
19	1-07 90/65 SW 6	0 95	6		
20	1-07 89/66 SW 5	0 93	5	CLR 86 NW	
21	1-06H 84/66 SW 4	0 89	5		
22	1-06H 83/67 SW 6	0 86	7		
23	1-06H 82/69 SW 6	0 84	11		

DATE: 13 Jul: 4

	NCU	PGCO	VERCO	LAKE KILBY	CIP ART
00	1-07 70/55 C	70	SW 3	CLR 64 NE	0
01	1-07 71/58 SW 2	71	3		0
02	1-07 70/58 SW 3	71	3		0
03	1-07 69/62 SW 3	71	4		0
04	1-07 69/60 SW 4	71	4	CLR 60 NE	0
05	1-07 70/58 SW 6	71	4		0
06	1-07 72/56 W 6	71	NW 5		0
07	1-07 72/50 W 4	71	5		0
08	1-07 74/60 W 8	71	5	CLR 64 NW	0
09	1-07 77/60 NW 6	73	W 8		0
10	1-07 78/58 W 9	76	NW 4		1
11	1-07 80/59 NW 6	80	N 6		1
12		83	NW 10	HAZY 79 N	1
13	1-07 82/57 C	85	8		1
14	1-07 83/58 NWS 14	87	5		1
15	1-07 84/57 SW 7	88	N 5		1
16	1-07 85/59 SW 6	89	W 4	CLR 85 N	1
17	1-07 85/58 C	90	N 4		1
18	1-07 84/58 WSW 5	89	SW 6		1
19	1-07 84/58 W 5	89	5		1
20	1-07 78/63 NE 2	85	5	CLR 76 N	3
21	1-07 77/63 ENE 2	82	5		3
22	1-07 76/62 C	79	W 3		2
23	1-07 75/62 C	77	SW 5		2

DATE: 12 JUL 4

	NEEL	PECO	VERCO	LAKE KILBY	C-P ART
00	3007 72/63 ENE 2	0 75	NE 5	CLR 63 NE	
01	4007 72/62 NE 2	0 75	4		
02	4007 71/62 NE 2	0 71	SE 4		
03	4507 72/53 NE 4	0 71	W 5		
04	4007 74/60 NNW 8	0 70	4	CLR 64 NW	
05	4007 73/62 NNW 10	0 70	NE 4		
06	450/07 74/55 NNE 15	0 71	NW 7		
07	350/07 74/57 NNE 10	0 71	4		
08	700/-07 75/60 NNE 8	0 72	4	CLR 66 N	
09	2507 72/56 N 7	0 75	N 6		NE 0
10	250/07 76/62 NNE 12	0 79	8		N 1
11	250/07 77/62 NNE 10	0 80	5		N 1
12	250/-07 75/55 NNE 10	0 82	5	75 N	N 1
13	500/07 78/56 N 9	0 83	13		N 1
14	300/-07 79/53 N 8	0 83	5		N 1
15	300/-07 79/54 NNE 6	0 85	7		N 1
16	300/-07 79/54 N 8	0 87	6	C 80 NW	N 1
17	300/-07 79/52 N 7	0 86	6		N 1
18	300/-07 78/53 N 7	0 85	NE 8		N 1
19	1-07 78/54 N 6	0 83	7		N 1
20	1-07 79/53 N 5	0 81	5	CLR 76 NW	N 2
21	1-07 77/54 N 5	0 78	6		N 2
22	1-07 76/54 NNW 4	0 75	SW 4		N 2
23	1-07 76/54 NNW 3	0 72	5		N 2

DATE: 11 JULY

NGEL

PGEO VERCO

LAKE KILBY

C.P. ART

LOT	DESCRIPTION	DATE	DIRECTION	BEARING	ANGLE	AREA	REMARKS	AREA	REMARKS	AREA
00	1/04H	80/74	NES	0 71	SW 6		C 77 S			0
01	1/05H	79/72	C	0 80	5					0
02	1/05H	79/73	C	0 72	2					0
03	1/045H	78/75	WZ	0 77	3					0
04	1/05H	78/71	NW 6	0 77	NW 4		CLR 73 N/W			0
05	1/05H	78/71	NW 8	0 77	NNW 6					0
06	1/05H	79/71	NW 5	0 77	5					0
07	800/-/04H	77/71	NW 7	0 77	9					0
08	800/-/03H	79/72	NNW 12	0 78	N 12		CLR 75 N			0
09	300800/-/05H	80/72	N 14	0 81	8				NE	0
10	300800/-/05H	81/69	N 12	0 83	5				NE	10
11	300800/-/07	81/64	N 12	0 85	5				NE	1
12	300800/-/07	82/67	N 12	0 85	7		CLR 80 N		NE	1
13	300800/-/07	82/67	N 10	0 86	11				N	1
14	300800/-/07	80/68	N 8	0 85	13				N	1
15	300800/-/07	81/66	N 10 6 15	0 87	12				N	1
16	300800/-/07	80/64	N 11	0 87	10		CLR 80 N		NE	1
17	300/-/07	80/61	NNW 14	0 87	7				N	1
18	300/-/07	80/63	NNW 12	0 87	7				N	1
19	07	79/64	NNW 11	0 85	11				N	1
20	800/-/07	76/65	NE 8	0 82	NE 7		CLR 79 N		N	2
21	300800/-/07	74/64	ENE 4	0 79	7					2
22	300/-/07	73/64	ENE 4	0 77	5					2
23	3007	72/63	E 3	0 76	7					2

ORIGINAL PAGE IS
OF POOR QUALITY

DATE: 10 JULY

LOT	WELL	DATE	DIRECTION	DEPTH	WATER	TEMP	WIND	WIND DIR	WIND SPT
00	1-06H	82/75	SW 5	783	SW 9		CLR	73 S	0
01	06H	81/75	SSW 6	781	7				0
02	06H	79/75	SSW 6	779	6				0
03	06H	79/75	SW 5	778	5				0
04	05H	78/74	SW 6	777	6		CLR	73 SW	0
05	056FH	78/74	SSW 7	776	6				0
06	056FH	74/73	SW 5	775	6				0
07	1-056FH	77/73	SW 4	775	5				0
08	1-066FH	78/74	SW 6	776	5		CLR	75 SW	0
09	1-066FH	80/76	SW 4	779	W 6				0
10	1-0511	84/79	SW 4	784	SW 7				10
11				789	W 3				1
12	300-06H	89/77	WSW 5	792	SW 3		CLR	87 SW	1
13	3006H	90/72	WSW 6	792	5				1
14	3006H	91/75	SW 7	794	NW 8				1
15	3006H	93/75	WSW 6	796	W 5				1
16	3006H	93/75	WSW 6	797	SW 6		CLR	92 SW	1
17				797	5				1
18				797	5				1
19	300-06H	92/72	SW 5	795	12				1
20	1-06H	86/78	SW 7	789	11		C	82 S	2
21	1-06H	84/75	SW 8	786	7				2
22	1-06H	82/75	SW 8	784	6				2
23	1-06H	81/74	SW 5	782	7				2

DATE: 9 JULY '1

	NGU	PGCO	VERCO	LAKE KILBY	C.P. ART
00	1-05H 80/76 SSW 4	781	SW 6	CLR Fog 75 S	
01	1-04H 79/74 SW 4	778	5		
02	1-04H 78/74 WNW 2	774	6		
03	1-045PM 76/71 SW 5	777	6		
04	1-055PM 73/74 SW 4	776	W 2	CLR Fog 73 S	
05	1-056PM 73/74 SW 4	776	SSW 3		
06	1-046PM 77/73 SW 4	771	SSW 5		
07	1-055PM 78/75 WSW 4	774	SW 4		
08	1-06H 80/73 WSW 4	776	W 4	CLR 74 SW	
09	06H 81/74 W 3	780	W 4		
10	05H 84/72 WNW 3	785	3		
11	04H 87/77 NNW 4	788	NW 6		
12		791	W 5	CLR 87 NW	
13	04H 90/73 W 6	793	8		
14	04H 90/76 W 5	796	3		
15	50-05H 92/75 W 5	795	SW 5		
16	50-05H 93/73 WSW 5	798	8	CLR 92 NW	
17	50-05H 93/73 WNW 4	797	4		
18		797	5		
19	1-05H 92/72 SW 5	795	6		
20	1-05H 90/72 SW 3	793	7	CLR 82 NW	
21	1-05H 87/73 SSW 2	777	5		
22	1-06H 85/75 SSW 4	777	6		
23	1-06H 84/75 SSW 4	775	6		

DATE: 8 JULY

ORIGINAL FROM
OF POOR QUALITY

	NEEL	P&CO	V&PCO	LAKE KILBY	C-P ART	
00	250/07 74/72 S 2	2 77	SW 5	C 72 S		00
01	250/07 74/72 S 4	2 72	2			0
02	1-07 75/71 C	2 75	5			00
03	1-07 75/72 SW 4	2 74	4			0
04	1-07 75/72 WSW 2	2 74	2	Fog 70 S		0
05	1-07 75/72 SW 4	2 73	W 4			00
06	1-07 74/72 NW 3	F 73	WNW 4			00
07	1-07 74/76 C	F 73	SW 3			00
08	1-07 78/74 WSW 4	2 74	S 4	C-LR Fog 71 NW		00
09	1-07 78/76 WSW 3	2 76	SW 3			00
10	1-07 81/77 SW 4	2 80	N 3			10
11	1-07 82/78 SW 1	2 84	NW 3			10
12	300/07 84/76 N 1	2 85	3	P/C 83 NW		10
13	300/07 85/77 N 3	2 88	4			10
14	300/07 85/74 NW 3	2 91	N 3			10
15	300/07 85/74 N 2	2 92	NW 5			10
16	300/07 89/75 N 2	2 93	W 3	P/C 89 W		1
17	300/07 90/75 WSW 2	2 93	4			10
18	1-07 90/71 SW 4	2 93	SW 4			10
19	1-07 88/70 SW 5	2 92	4			10
20	1-07 85/72 SW 4	2 82	5	C HAZ 83 W		2
21	1-07 86/72 WSW 2	2 86	4			2
22	1-07 80/74 SE 2	2 84	5			20
23	1-07 80/75 S 2	2 81	5			20

DATE: 7 JULY 1

ORIGINAL PAGE IS
OF POOR QUALITY

	WELL	P&CO	VERCO	LAKE KILBY	C.P. ART	LP.
00	30010007R0-75/71 SW4	75	SW 7	C 73 SW		00
01	30010007 75/71 SW5	75	8			01
02	15050007R0-75/71 SW5	75	6			02
03	15050007 75/71 SW6	74	4			03
04	15030007 75/71 SW4	74	5	C 71 SW		04
05	70 15030007 74/71 C	74	4			05
06	70 15030007 74/71 SW3	74	2			06
07	15030007 75/72 C	74	S 2			07
08	15030007 75/72 SW3	74	SW 2	1967 72 W		08
09	10030007 76/72 SW6	75	S 3		W	09
10	10030007 76/73 SW3	76	NW 4		W	10
11	10030007 78/73 C	78	SW 4		W	11
12	15030007 80/72 C	81	4	C 79 N	N	12
13	15080007 80/75 N3	82	NE 4	RAIN STOPPED 1330	NE	13
14	25080007 82/74 NE3	85	4		E	14
15	25080007 82/72 NE5	84	5	RAIN STOPPED 1500	SE	15
16	25080007 82/74 NE5	87	SW 10	C 79 SW	SE	16
17	25080007 85/74 S 6	82	7		SE	17
18	25080007 85/74 SE4	82	9		SE	18
19	25080007 87/72 SW6	82	8		SE	19
20	25080007 87/72 SW3	81	7	C 77 SW		20
21	25080007 79/71 SW2	80	5			21
22	25080007 79/72 S 1	79	5			22
23	25080007 77/72 S 2	78	6	(Accum .01)		23

DATE: 6 JULY

	N.G.U.	P.G.C.O	VEICO	LAKE KILBY	C.P. PART	
00	1500 2500 500 717 73/70 WSW 3	76	SW 6	RAIN 71 SW		0
01	2500 800 717 - 73/69 SSW 4	74	S 4			0
02	2500 800/717 73/69 S 3	72	3			0
03	3000 800 717 - 72/69 S 3	74	SW 5	RAIN STOPPED 0300		0
04	3000 800/717 72/72 S 6	75	4	C 71 SW		0
05	1000 3000 800 717 74/74 SW 6	74	5			0
06	3000 800 800 717 74/74 SW 7	74	6			0
07	3000 800 800 717 74/74 SW 6	76	8			0
08	3000 800 800 717 75 SW 6	76	9	C 74 SW	SW	0
09	3000 800 800 717 75 S 10	71	6		SW	0
10	3000 800 800 717 75 SSW 10	76	9		SW	10
11	3000 800 800 717 75 SSW 6	80	12		SW	1
12	3000 800 800 717 82/74 SW 8	83	7	C 80 SW	SW	1
13	3000 800 800 717 82/76 SSW 6	84	8		SW	1
14		87	10		SW	1
15	1000 3000 800 717 85/76 WSW 9	87	N 5	(RAIN 1530)	SW	1
16	1000 3000 800 717 79/74 S 8	77	NE 4	C 80 SW	SW	1
17	1000 3000 800 717 81/77 SW 4	80	SW 5		S	1
18		79	10		S	1
19	1000 3000 800 717 78/74 S 4	79	7		S	1
20	1000 3000 800 717 77/74 SW 7	78	SE 5	C 75 S		2
21	3000 1000 800 717 75/71 SW 3	71	SW 3			2
22	3000 1000 800 717 75/71 SW 3	76	6			2
23	3000 1000 800 717 75/71 SW 4	75	7			2

DATE: 5 JULY

	NGU	PECO	VERCO	LAKE KILBY	CIP APT	LF
00	07 80/72 S 9	0 82	SU 10	CLR 73 SW		00
01	6007 81/72 SSW 8	0 81	10			01
02	6007 79/72 SSW 8	0 79	8			02
03	07 78/72 SSW 8	0 77	8			03
04	07 77/72 SSW 10	0 76	7	CLR 73 SW		04
05	107 76/72 SSW 9	0 76	7			05
06	²²⁵⁰ 300/100 76/72 SSW 7	0 75	7			06
07	400/100 76/72 SSW 8	0 75	8			07
08	1000/100 78/74 SW 9	0 78	11	C 75 W	SW	08
09	1000/100 79/74 SSW 9	0 79	13		SW	09
10	1200/100 81/74 SW 10	0 82	8		SW	10
11		0 84	8		SW	11
12	¹⁵⁰⁰ 250/100 85/73 SSW 10	0 87	SSW 13	C 83 SW	S	12
13	250/100 84/72 SW 10	0 87	SSW 13		S	13
14	250/100 87/72 SSW 10	0 91	SW 8		S	14
15	250/100 86/72 SW 8	0 90	SSW 8		SW	15
16	250/100 87/73 SW 8	0 90	SW 8	P/C 95 W	SW	16
17		R 80	25	RAIN STARTED 1630	SW	17
18	¹⁵⁰⁰ 750/100 77/70 S 2	P 75	7		SE	18
19	250/400 74/70 S 6	R 75	7	RAIN STOPPED 1900	SE	19
20	250/400 76/72 SSE 4	0 75	10	C 72 S		20
21	300/800 77/72 S 8	0 76	7			21
22	500/800 78/73 S 8	0 76	6			22
23	150/250 78/73 W 12	0 77	7	RAIN STOPPED 2300		23

WSHIFT 2250 00NLS
PR WIND W 18

DATE: 4 JULY

LOT	NGU	PGCO	VAPCO	LAKE KILBY	C.P. APT	LOT
00	06H 32/71 SW8	784 SW 10		CLR 80 SW		00
01	06H 31/72 SW7	782 10				01
02	06H 30/72 SW6	782 6				02
03	06H 29/71 SW7	078 9				03
04	06H 28/71 SW8	077 8		CLR 74 SW		04
05	06H 27/70 SW7	076 10				05
06	107 26/70 SW7	076 10				06
07	107 27/70 SW8	076 6				07
08	107 28/70 SW11	078 10		CLR 75 SW		08
09	107 31/71 SW11	082 8			SW	09
10	107 34/71 SW7	085 6			SW	10
11	107 35/72 SW11	082 5			SW	11
12	107 33/72 SW8	091 7		CLR 85 SW	SW	12
13	107 30/72 SW8	093 8			SW	13
14	107 31/68 SW3	095 9			SW	14
15	3007 30/70 SW11	095 13			S	15
16	3007 34/70 S14	095 S 10		CLR 90 S	S	16
17	3007 33/71 SW12	095 SW 11			S	17
18	3007 31/71 SW17	094 12			S	18
19	3007 31/71 SW3	095 12			S	19
20	3007 33/72 SW8	095 8		CLR 86 SE	S	20
21		097 7				21
22	107 34/74 S10	095 8				22
23	107 32/73 S10	093 10				23

DATE: 3 JULY

	NGU	PCCO	VERCO	LAKE KILBY	C-P APT	
00	04H 07/71 SSW 6	074	SW 6	CLR 73 SW		00
01	05H 11/71 SSW 7	071	7			01
02	04H 17/72 SSW 5	080	5			02
03	04H 17/72 SSW 5	079	7			03
04	04H 15/72 SSW 3	077	8	CLR 74 SW		04
05	04H 17/72 SSW 7	076	6			05
06	X 1 1/2 04H 17/72 SSW 5	076	5			06
07	0 3/4 04H 17/72 SSW 5	076	6			07
08	056FH 08/72 SW 9	078	5	CLR 77 SW		08
09	03H 01/74 SW 10	081	6		SW	09
10	03H 05/74 SW 9	085	7		W	10
11		080	W 5		S	11
12	04H 07/76 SW 7	092	SW 11	CLR 87 SW	S	12
13	04H 07/78 NNW 4	095	W 8		SW	13
14	1/2 04H 09/74 SSW 9	097	8		SW	14
15	SSW/04H 05/77 SSW 0	098	WSW 7		SW	15
16	SSW/04H 05/77 SW 5	097	SW 12	Hazy 92 S	SW	16
17	SSW/04H 05/77 SSW 10	097	10		S	17
18	SSW/04H 01/76 SSW 10	097	7		S	18
19		095	13		S	19
20	04H 07/77 SW 6	092	8	Hazy 87 S		20
21	04H 07/77 SSW 6	089	10			21
22	04H 07/77 SSW 3	087	6			22
23	05H 04/75 S 6	086	10			23

TEMP
W SHIFT →

DATE: 2 JULY

ORIGINAL PAGE IS
OF POOR QUALITY

	WELL	PGCO	VERCO	LAKE KILBY	C-P ART	
00	250/-24H 30/70 015	0 81 SW 9		CLR 75 SW		00
01	1-05H 77/70 SW4	0 80 WNW 5				01
02	206/-05H 77/70 C	0 79 W 2				02
03	1-06H 75/70 C	0 78 SW 3				03
04	1-06H 75/70 SSW 2	0 77 SSW 5		CLR 73 SW		04
05	1-04H 76/70 SW 3	0 76 WNW 5				05
06	-X/025FH 75/70 C	0 75 SSW 2				06
07	-X/026FH 76/70 C	0 74 2				07
08	-X/017H 73/72 W 5	0 74 WNW 6		CLR 73 NW		08
09	-X/17H 80/72 W 2	0 79 SW 5			W	09
10	-X/17H 82/73 W 5	0 82 NW 3			W	10
11	-X/024 34/74 SW 5	1-86 S 3			S	11
12	-X/024H 85/74 N 4	0 89 SW 4		CLR 85 W	W	12
13	-X 3H 84/72 N 5	0 91 NW 5			S	13
14	-X 3H 90/72 W 4	0 93 W 5			SW	14
15	-X 4H 92/74 SW 2	0 95 S 6			SW	15
16	-X 4H 93/75 SSW 5	0 95 W 5		HAZY 91 S	SW	16
17	-X 4H 89/83 NE 5	0 95 SW 9			SW	17
18	-X 4H 91/83 SSW 7	0 94 9				18
19	-X 3004H 89/77 NNW 4	0 93 5				19
20		0 92 4		HAZY 87 S		20
21	-X/04H 87/75 S 3	0 89 5				21
22	-X 4H 95/76 S 3	0 89 4				22
23	-X 4H 93/75 S 4	0 85 5				23

DATE: 1 JULY

ORIGINAL PAGE IS
OF POOR QUALITY

	NGEL	PECO	VERCO	LAKE KILBY	C-P APT	
00	0611 75/12 SW12	075	SW 10		CLR 72 SW	0
01	0611 77/12 SW	072	6			0
02	0611 73/14 SW12	072	5			0
03	"	072	7			0
04		1172	10		CLR 70 SW	0
05	"	072	6			0
06	"	072	9			0
07	"	071	11			0
08	"	072	11		CLR 72 SW	0
09	"	072	13			0
10	"	080	9			10
11	"	084	11			SW 1
12	"	086	7		CLR 82 W	SW 1
13	"	088	7			SW 1
14	"	090	WSW 9			SW 1
15	"	091	W 9			S 1
16	"	091	SW 11		HAEY 87 S	S 1
17	"	091	11			S 1
18	"	091	9			S 1
19	"	089	7			S 1
20	"	087	6		HAEY 82 S	S 2
21	"	085	6			S 2
22	"	083	4			S 2
23	"	082	4			S 2

DATE: 30 JUN 11

	WELL	PGCO	VEPCO	LAKE KILBY	C-P APT	
00	1-2511 72/17 SSW5	072	SW 7	CLR 67 NW		0
01	1-05511 75/17 SE 2	071	2			0
02	1-05511 75/16 S 2	069	5			0
03	1-05554 65/14 S 2	068	4			0
04	05654 63/11 S 2	067	5	CLR 63 NW		0
05	1-05511 67/13 SW 2	066	4			0
06	1-05511 65/12 SW 3	065	2			0
07	1-05511 67/12 SW 3	065	4			0
08	064 67/17 SW 4	066	5	CLR 65 SW		0
09	064 72/14 SW 7	070	5			0
10	064 75/14 SW 5	075	4			1
11	064 75/16 SW 6	080	9			1
12	1-064 80/16 SW 10	083	9	CLR 78 SW		1
13	1-064 87/14 SW 12	084	12			1
14	202/064 87/14 SW 12	086	12			1
15	502/064 87/14 SW 12	087	7			1
16	502/064 87/13 SW 10	087	6	CLR 84 S		1
17	502/064 87/13 SW 10	087	11			1
18	1-064 87/13 SW 10	087	15			1
19	1-064 87/13 SW 10	086	17			1
20	064 81/12 SW 10	083	10	CLR 73 S		2
21	064 78/13 S 10	080	9			2
22	064 75/13 SW 10	078	7			2
23	064 75/13 SW 10	076	8			2

DATE: 27 JUL 4

	WELL	PECO	V:TCO	LAKE KILBY	C-P APT	
00		65	W 3	CLR 62 NW		00
01	100557/57 67/13 NE	64	NE 3			01
02	114/57 65/53 C	64	NW 3			02
03	110/57 62/53 C	63	N 3			03
04	107 61/54 C	62	SW 3	CLR 59 NW		04
05	107 62/53 C	61	SE 3			05
06	1056FH 64/57 C	61	S 3			06
07	2.1/2065FH 63/52 E 2	62	SE 5			07
08	105324/2557117/53 C	65	S	C 62 SW		08
09	7423F 67/54 S 6	65	S 5			09
10	5.1/5F 62/55 S:12	68	S			10
11	5235F 72/57 SE 14	71	S			11
12	150 5512 67/54 77/53 SW 2	76	SE 4	C 73 SW		12
13	100920/604H 75/53 NNE 5	79	N 4			13
14	200500/411 74/53 N 4	79	S			14
15	150 400200/411 75/52 NNE 6	78	S			15
16	150 550 65/54 77/51 C	80	6	C 73 SW		16
17	150 400000/411 77/51 NNE 4	81	10			17
18	150 400000/411 77/51 NNE 5	80	W 7			18
19	150 400000/411 74/51 C	88	7			19
20	400000/411 77/51 C	80	SW 3	C 75 SW		20
21	400000/411 75/51 SE 4	77	3			21
22	400000/411 77/51 SE 5	75	3			22
23	800/25H 77/51 C	73	5			23

DATE: 23 JUL 74

ORIGINAL PAGE IS
OF POOR QUALITY

	NEU	PECO	VAPCO	LAKE KILBY	C-P ART
00	700 1000 1000 11/17 17 1000 1000 11/17 17	R 65	NE 15	C 66 11	
01	700 1000 1000 11/17 17 1000 1000 11/17 17	R 67	7	RAIN STARTED 0030	
02	700 1000 1000 11/17 17 1000 1000 11/17 17	R 66	10		
03	700 1000 1000 11/17 17 1000 1000 11/17 17	R 65	8		
04	700 1000 1000 11/17 17 1000 1000 11/17 17	R 65	10	C MISTY 63 N	
05	700 1000 1000 11/17 17 1000 1000 11/17 17	R 65	10		
06	700 1000 1000 11/17 17 1000 1000 11/17 17	R 65	7		
07	700 1000 1000 11/17 17 1000 1000 11/17 17	R 66	NW 9		
08	700 1000 1000 11/17 17 1000 1000 11/17 17	R 67	10	C MISTY 64 N	
09	700 1000 1000 11/17 17 1000 1000 11/17 17	R 66	13		NW
10	700 1000 1000 11/17 17 1000 1000 11/17 17	R 66	8		W
11	700 1000 1000 11/17 17 1000 1000 11/17 17	R 67	5		NW
12	700 1000 1000 11/17 17 1000 1000 11/17 17	R 67	N 6	C 68 N	NW
13	700 1000 1000 11/17 17 1000 1000 11/17 17	R 68	NW 8		W
14	700 1000 1000 11/17 17 1000 1000 11/17 17	R 69	8		NW
15	700 1000 1000 11/17 17 1000 1000 11/17 17	R 69	5		
16	700 1000 1000 11/17 17 1000 1000 11/17 17	R 69	5	C 70 NW	
17	700 1000 1000 11/17 17 1000 1000 11/17 17	R 67	7		
18	700 1000 1000 11/17 17 1000 1000 11/17 17	R 67	SW 7		
19	700 1000 1000 11/17 17 1000 1000 11/17 17	R 69	5		
20	700 1000 1000 11/17 17 1000 1000 11/17 17	R 69	W 3	C 70 NW	
21	700 1000 1000 11/17 17 1000 1000 11/17 17	R 67	3		
22	700 1000 1000 11/17 17 1000 1000 11/17 17	R 67	5		
23	700 1000 1000 11/17 17 1000 1000 11/17 17	R 66	5		

DATE: 27 JUN 1

ORIGINAL PAGE IS
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	WELL	PGCO	VEPCO	LAKE KILBY	C-P ART	
00	100W/27 67/1 SE 3	69	E 5	5SE 3	C 65 SE	0
01	100W/27 66/1 SE 3	69	6	SE 3		0
02	100W/27 66/2 ESE 3	69	5	E 3		0
03	100W/27 67/2 E 2	69	ENE 3	ENE 4		0
04	100W/27 67/2 E 4	69	6	4	C 63 SE	0
05	100W/27 68/2 NE 4	69	5	5		0
06	300E/27 67/2 NE 4	68	E 7	5		0
07	300E/27 67/2 NE 6	69	NE 8	ESE 6	R 0700	0
08	300E/27 67/3 E 4	69	E 8	ENE 6	C MISTY 65 SE	0
09	300E/27 67/3 E 6	69	ENE 6	9		NE 0
10	300E/27 67/3 E 10	70	10	9		NE 15
11	300E/27 67/4 ENE 10	70	10	11		NE 1
12		70	12	11	C RAIN 69 N	NE 1
13	300E/27 67/4 NE 12	70	6	11		E 1
14		69	NE 8	15		NE 1
15	100E/27 67/3 ENE 12	68	12	E 15		E 1
16	300E/27 67/3 E 14	67	18	17	C RAIN 65 NE	E 1
17	300E/27 67/1 E 15	66	22	23	FALL 67/1 11/20	E 1
18	300E/27 67/2 E 14	67	18	15		
19	300E/27 67/1 ENE 15	67	15	NE 14		
20	300E/27 67/3 NE 15	68	15	13	C 67 NE	2
21	300E/27 67/3 NE 13	69	10	NE 14		2
22	300E/27 67/3 NE 15	69	13	15		2
23	130E/27 67/2 NE 15	69	15	20		2

DATE: 26 JUNE 1

	NEGL	PECO	VEPCO	LAKE KILBY	C-P ART	
00	250/07 11/62 C	0 64	SE 4	SE 4	P/C 64 NE	00
01	250/07 11/62 SE 4	0 68	SSE 4	4		01
02	1500/07 66/62 SA 2	0 67	ESE 2	ESE 4		02
03	1500/07 65/62 C	0 66	ESE 4	4		03
04		0 65	SE 2	E 2	P/C 61 NE	04
05	2500/07 11/62 C	0 65	3	3		05
06	2500/07 65/61 E 4	0 65	5	4		06
07	2500/07 66/62 SE 3	0 66	E 5	ESE 4		07
08	2500/07 69/63 E 4	0 68	6	ESE 6	C 65 S	08
09	2500/07 70/62 ENE 6	0 70	NE 3	SE 4		E 09
10	2500/07 72/64 C	0 72	E 4	ESE 6		E 10
11	2500000/07 75/64 NE 6	0 74	ENE 3	2		E 11
12	1200000/07 72/63 NE 5	0 75	3	E 3	C 73 S	SE 12
13	1200000/07 72/64 NE 6	0 77	E 5	7	RWIN STARTED 1330	E 13
14	2500/07 71/61 112 3	0 77	5	10	" STOPPED 1430	SE 14
15	2500000/07 69/62 ESE 5	0 73	10	7		E 15
16	1200000/07 71/62 E 7	0 71	12	ESE 9	C 73 S	E 16
17	1200000/07 71/60 ESE 9	0 71	10	SE 10		SE 17
18	1200000/07 71/63 E 3	0 71	SE 10	ESE 7		SE 18
19	1500000/07 69/60 SE 6	0 70	E 7	6		SE 19
20	1500000/07 69/60 ESE 6	0 70	6	6	C 70 S	SE 20
21	1200000/07 69/60 SE 4	0 69	7	3		21
22	1200000/07 67/60 ESE 5	0 69	6	SE 3		22
23	1200000/07 67/61 SE 4	0 69	5	ESE 2	(ACCUM .15")	23

DATE: 5/5/11

	NGU	PGCO	VEPCO	LAKE KILBY	C.P. ART	
00	200900/07 63/50 NNE 4	69	SE 4	NNE 5	C 65 NE	0
01	200900/07 63/54 NNE	68	S 2	3		0
02	200900/07 60/56 NE	68	N 5	4		0
03	200900/07 62/57 NNE	68	NNE 5	E 4		0
04	200900/07 63/59 NNE	68	3	NNE 6	C 63 N	0
05	200900/07 65/60 NNE	68	NE 6	9		0
06	200900/07 63/60 NNE	68	4	11		0
07	200900/07 62/61 NNE	68	5	12		0
08	200900/07 61/62 NNE	68	6	14	C MISTY 67 NW	0
09	1500 200900/07 62/63 NNE	69	10	NNE 13		N 0
10	1500 200900/07 63/63 NNE	70	9	NNE 13		N 10
11	1500 200900/07 71/65 NNE	73	10	12		N 1
12	1500 200900/07 72/65 NNE	75	7	12	C 72 N	N 10
13	1500 200900/07 71/65 NNE	74	5	11		N 10
14	1500 200900/07 71/64 NNE	75	8	12		NNE 10
15	1500 200900/07 71/65 NNE	78	9	NNE 10		NNE 10
16	200900/07 73/65 NNE	79	6	NNE 9	C 75 N	NNE 1
17	200900/07 73/65 NNE	79	7	NNE 8		NNE 10
18	200900/07 73/65 NNE	79	8	NNE 7		NNE 10
19	200900/07 72/64 NNE	78	9	5		1
20	2507 70/64 E 2	75	4	E 4	CLR 70 N	2
21	2507 67/62 E 2	73	4	E 4		2
22	2507 66/62 SE 2	72	5	E 4		2
23	2507 50/62 SE 2	70	4	E 3		2

DATE: 24 JUNE

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	NEU	PECO	VEPCO	LAKE KILBY	C.P. APT	
00	5-11-70 71°30'-E 70/27 11° 7/10	R 71	NE 7	NNE 14	C 68 NE	00
01	90 11-11-70 71° 69/10 11° 21	⊙ 70	N 10	13		01
02	170225-70-69/14 NNE 17	⊙ 69	16	14		02
03	90 11-11-70 71° 69/10 11° 16	R 69	10	12		03
04	220240-70-67/14 11° 16	R 67	NNE 9	14	C HAZY 65 NE	04
05	160228 71° 67/10 11° 14	R 67	10	11		05
06	90 15-11-70 67/10 11° 12	⊙ 67	N 9	11		06
07	30 15-11-70 67/10 11° 12	⊙ 67	NNE 8	NE 12		07
08	90 15-11-70 67/10 11° 12	R 67	N 5	NNE 11	C HAZY 69 NW	08
09	80 15-11-70 67/10 11° 14	⊙ 67	NE 13	10		NW 09
10	80 15-11-70 67/10 11° 12	⊙ 67	5	11/12 13		NW 10
11		⊙ 67	NW 7	12	MIST STARRD 1130	NW 11
12	150 15-11-70 67/10 11° 12	⊙ 68	10	11 12	C 69 NW	NW 12
13	90 15-11-70 67/10 11° 14	⊙ 69	N 10	9		NW 13
14	150 15-11-70 67/10 11° 12	⊙ 69	NW 7	11 13		NW 14
15	150 250 15-11-70 71/10 11° 10	⊙ 70	10	7		NW 15
16		⊙ 70	N 5	5	C 70 NW	NW 16
17	150 15-11-70 71/10 11° 11	⊙ 71	NE 5	5		NW 17
18	150 250 15-11-70 67/10 11° 10	⊙ 71	5	E 3		N 18
19	250 400 15-11-70 71/10 11° 10	⊙ 70	5	SE 2		N 19
20	250 400 15-11-70 67/10 11° 10	⊙ 70	7	SE 2	C 69 NW	N 20
21	250 400 15-11-70 71/10 11° 10	⊙ 70	4	SE 1		21
22	150 250 15-11-70 71/10 11° 10	⊙ 70	5	NE 2		22
23	250 400 15-11-70 67/10 11° 10	⊙ 70	4	6		23

DATE: 23 JUL. 4

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	NGU	PGCO	VEPCO	LAKE KILBY	C-P APT			
00	10 SWF 74/72 SW 5	3 74	SW 7	SSW 5	CLR 71	SW	0	
01	10 GGF 74/72 SW 4	3 74	5	6			0	
02		3 73	8	5 5			0	
03	10 DT 74/72 SW 4	3 73	5	5 6			0	
04	10 DT 73/72 SW 4	3 73	10	SSW 7	CLR 70	5	0	
05	10 DT 74/72 SW 4	3 73	5	SW 10			0	
06	10 DT 74/72 SW 2	3 73	6	SSW 10			0	
07	10 DT 74/72 SW 6	3 74	6	10			0	
08	10 DT 74/72 SW 7	3 76	6	SW 7	CLR 74	5	0	
09	10 DT 74/72 SW 10	3 79	7	SSW 9		SW	0	
10	10 DT 74/72 SW 11	3 82	8	8		SW	10	
11	10 DT 74/72 SW 7	3 86	6	SSW 8		SW	1	
12	10 DT 74/72 SW 4	3 93	10	SW 9	CLR 85	SW	1	
13	10 DT 74/72 SW 10	3 92	10	W 8		SW	1	
14	10 DT 74/72 SW 4	3 93	SSW 5	NW 6		SW	1	
15	10 DT 74/72 SW 11	3 95	N 6	NW 7		SW	1	
16		3 94	9	SW 2	C 70	5	SW	1
17	10 DT 74/72 SW 13	3 73	7	SE 4	RAIN STOPPED 1830	SW	1	
18	10 DT 74/72 SW 10	3 72	6	SW 6	RAIN STOPPED 1800	SW	1	
19	10 DT 74/72 SW 9	3 72	NW 5	SE 5	" STARTED 1900		1	
20	10 DT 74/72 SW 9	3 75	NE 6	N 10	P/C 72	NE	2	
21	10 DT 74/72 SW 15	3 75	7	NW 15			2	
22	10 DT 74/72 SW 11	3 73	7	5			2	
23		R 72	15	11	(ACCUM 1.08")		2	

DATE: 22 JUL 1964

ORIGINAL PAGE IS
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	NEEL	PECO	VEPCO	LAKE KILBY	C.P. APT	
00	1000/1001 25/71 SW11	⊙ 70	SW 12	HAEY 77 SW		00
01	1000/1007 5/71 SW 11	⊙ 70	10			01
02	1000/1007 7/72 SSW 10	⊙ 70	9			02
03	1000/1007 73/72 SW 10	⊙ 79	7 SSW 10			03
04	1000/1007 75/72 SSW 10	⊙ 79	7 SW 9	HAEY 75 S		04
05	1000/1007 77/72 SSW 10	⊙ 77	7 10			05
06	1000/1007 77/71 SWS	⊙ 76	6 8			06
07	1000/1007 77/72 SW 10	⊙ 76	9 W 9			07
08	1000/1007 79/72 NSW 6	⊙ 77	5 7	HAEY 77 S		08
09	1000/1007 80/72 WS	⊙ 81	4 5		W	09
10	1000/1007 80/73 W 7	⊙ 82	4 SSW 6		W	10
11		⊙ 85	6 SW 6		W	11
12	1000/1007 84/72 W 7	⊙ 87	4 S 5	HAEY 87 S	W	12
13	1000/1007 87/72 WS	⊙ 90	N 4 N 13		W	13
14	1000/1007 89/73 C	⊙ 92	SW 6 W 5		SW	14
15	1000/1007 90/72 NNE 2	⊙ 92	6 E 5		SW	15
16	1000/1007 74/73 C	⊙ 89	4 SSE 6	C 85 S	S	16
17	1000/1007 75/72 SW 5	⊙ 75	5 NNE 6	Rain started 1620	NW	17
18	1000/1007 74/72 E 2	⊙ 75	5 NNE 3		N	18
19	1000/1007 76/72 C	⊙ 76	E 4 SSW 7	Rain started 1530	W	19
20	1000/1007 77/72 NNE 1	⊙ 76	N 6 SW 8	C HAEY 74 N		20
21	1000/1007 77/72 NNE 1	⊙ 75	5 SSW 4			21
22	1000/1007 77/73 C	⊙ 75	SW 7 4			22
23	1000/1007 77/72 SW 4	⊙ 75	6 5	(Accum .67")		23

DATE: 21 JUNE

LOT	NEEL	PECO	VERCO	LAKE KILBY	C-P ART	22
00		0 71 SW 13	SW 12	RAIN 63 S		0
01		6 71 SE 10	SSW 6			0
02		2 71 S	8	RAIN STOPPED		0
03		6 71 SW 6	SW 7			0
04	5000000/07 7 1/2 SW 9	2 70 19	7	63 SW		0
05		7 70 7	SSW 7			0
06	8000000/07 7 1/2 SW 10	7 70 6	7			0
07	1000000/07 7 1/2 SW 7	7 71 7	SW 8			0
08	8000000/07 7 1/2 SW 11 1/2	7 73 5	11	71 SW		0
09	8000000/07 7 1/2 SW 12	7 75 9	13		S	09
10	1-107 7 1/2 SW 12 1/2	7 79 17	14		S	10
11	1-107 7 1/2 SW 12 1/2	7 72 15	14		S	11
12	1-107 1 1/2 SW 13 1/2	7 85 12	13	RAIN 31 S	S	12
13	8000000/07 8 1/2 SW 14 1/2	8 81 18	15		S	13
14		8 89 16	16		S	14
15	1200000/07 8 1/2 SW 14 1/2	8 90 13	16		SW	15
16	1200000/07 8 1/2 SW 14 1/2	8 90 14	16	HAPPY 31 S	S	16
17		8 90 7	13		SW	17
18	8000000/07 8 1/2 SW 14 1/2	8 87 7	SW 12		SW	18
19	8000000/07 8 1/2 SW 12	8 88 12	11		SW	19
20		8 85 10	SW 11	HAPPY 33 S	SW	20
21	1000000/07 8 1/2 SW 11	8 85 7	10			21
22	1000000/07 8 1/2 SW 8	8 83 6	10			22
23	1000000/07 8 1/2 SW 9	8 82 10	10			23

DATE: 20 JUN 4

	NELL	PECO	VLPCO	LAKE KILBY	C.P. ART	
00	1-07 77/61 S13	77	SW 10	SSW 11	CLR 72 SW	0
01	1-07 76/63 SSW10	75	7	9		0
02	1-07 75/64 SSW10	74	9	7		0
03	1-07 74/65 SSW10	73	9	8		0
04	07 73/66 SSW12	72	5	9	CLR 71 SW	0
05	1-07 72/67 SSW10	71	9	9		0
06	1-07 71/68 S3	71	10	10		0
07	1-07 70/69 SSW10	72	12	10		0
08	1-07 69/70 SSW10	74	12	SW 11	C 75 SW	0
09	1-07 68/71 SSW10	77	15	13		SW 0
10	1-07 67/72 SSW10	80	13	11		SW 10
11	1-06H 82/72 SW8	86	10	10		S 1
12	1-06H 86/72 SSW10	88	11	SSW 11	CLR 85 SW	S 1
13	1-06H 89/74 SW6	90	7	SW 11		SW 1
14	1-06H 90/73 SW9	92	7	SSW 12		SW 1
15	1-06H 92/72 SSW10	93	8	SW 13		SW 1
16	1-06H 92/72 SW10	93	9	SSW 13	P/C 87 S	S 1
17	1-06H 91/72 SW10	93	11	11		S 1
18	1-06H 91/72 SW7	91	7	5		S 1
19	1-06H 91/72 SW7	84	N 7	SW 12	RAND SW10	N 1
20	1-06H 91/72 SW7	74	NE 5	6	C TRIN 5 S	S 2
21	1-06H 91/72 SW7	74	NE 5	11		2
22	1-06H 91/72 SW7	72	C	SW 15		2
23	1-06H 91/72 SW15	72	SW 13	14		2

DATE: 19 July 1

	WELL	P&CO	V.P.CO	LAKE KILBY	C.P. APT	LF
00	1-007 67/11 1	773 SW 4	C	CLR 64 NW		0
01	1-007 67/11 2	770 3	C			0
02	1-007 1-007 3	768 SW 2	C			0
03	1-007 67/11 1	766 2	C			0
04	1-007 1-007 1	765 2	S 3	CLR 59 NW		0
05	1-007 1-007 2	764 SSE 3	SSW 5			0
06	1-007 67/11 5 2	762 SW 4	4			0
07	1-007 1-007 12 1	762 3	3			0
08	1-007 71/10 SW 2	766 3	4	CLR 67 SW		0
09	1-007 71/10 SSW 4	774 3	S 6		SW	0
10	1-007 80/10 S 5	780 5	7		S	10
11	1-007 80/10 SW 6	783 4	SSW 7		S	10
12	1-007 80/10 SW 5	786 E 6	S 6	CLR 80 SW	S	10
13	1-007 83/10 E 7	787 SW 6	8		SW	10
14		787 W 3	SSW 8		SW	10
15	1-007 83/10 NW 7	788 SW 5	10		SW	10
16	1-007 83/10 S 4	789 7	10	P/C 85 S	S	10
17	1-007 83/10 SW 7	789 10	SW 10		S	10
18	1-007 85/10 SW 2	788 7	10		S	10
19	1-007 84/10 S 9	787 6	S 10		S	10
20	1-007 82/10 S 10	794 7	SSW 7	CLR 81 SE	S	2
21	M	781 SSE 6	S 10			2
22		779 SW 7	11			2
23	1-007 79/10 S 11	777 10	SSW 11			2

DATE: 19 JUNE

	WELL			PECO		VERCO		LAKE KILBY		C-P ART	
00	5/25/07	72/24	11N11	74	NW 4	NW 11		CLR 17	11W		0
01	5/25/07	72/24	11W3	71	E/E 3	NW 11					0
02	300/07	72/63	11W4	70	NW 4	NW 10					0
03	300/07	71/62	6N12	69	SW 3	11W10					0
04	5/25/07	71/62	11W4	68	W 4	10		CLR 62	11W		0
05	5/25/07	71/62	21W6	67	11W 5	10					0
06	1-07	72/56	6N14	65	4	61 10					0
07	1-07	69/51	61 6	64	W 2	11W10					0
08	1-07	72/56	21W7	66	W 4	11W10		CLR 60	11W		0
09	1-07	72/56	61 7	70	4	W 7				W	0
10	1-07	71/56	11W7	74	NW 6	W 7				W	1
11	1-07	75/56	10 7	77	4	W 9				W	1
12	1-07	77/51	51 1	77	6	31W10		CLR 71	11W	W	1
13	1-07	72/56	51 2	81	W 5	11				W	1
14	5/25/07	51/57	51 10	83	WSW 13	11				W	1
15	1-07			83	W 6	W 9				W	1
16	1-07	51/56	61 6	83	SW 5	11W 7		P/C 77	11W	W	1
17				85	6	SW 7				W	1
18				85	NW 6	SW 6				W	1
19				86	W 4	W 7				W	1
20	1-07	71/56	501 4	81	NW 4	11W 5		CLR 78	11W	W	2
21	1-07	71/56	11W 5	77	4	15 1					2
22	1-07	72/56	6	74	NE 4	15 1					2
23	1-07	70/51	E/E 2	73	SE 4	15					2

DATE: 17 JUN 4

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LUT	NO	DATE	TIME	WIND	VELOCITY	TEMP	WIND	VELOCITY	TEMP	WIND	VELOCITY	TEMP	WIND	VELOCITY	TEMP
00	700	7/15	12:10	R 72	SW 13	NE 4	C	RAIN	67	S					0
01	700	7/15	12:10	R 72	SW 15	SE 3		RAIN	67	SW					0
02	700	7/15	12:10	R 71	SW 10	SE 11									0
03	700	7/15	12:10	R 69	WNW 5	SE 6									0
04	700	7/15	12:10	R 67	SW 4	SE 5	C	65	NW						0
05	700	7/15	12:10	R 67	WNW 2	NE 6									0
06	700	7/15	12:10	R 67	S 4	SE 7									0
07	700	7/15	12:10	R 68	SW 3	SE 7									0
08	700	7/15	12:10	R 67	WNW 4	SE 9	C	67	NW						0
09	700	7/15	12:10	R 67	N 4	SE 9									0
10	700	7/15	12:10	R 70	N 6	NE 8									10
11	700	7/15	12:10	R 72	N 7	NE 9									1
12	700	7/15	12:10	R 77	N 5	NE 9	P/C	75	N						1
13	700	7/15	12:10	R 79	NE 10	SE 11									1
14	700	7/15	12:10	R 81	NW 9	SE 11									1
15	700	7/15	12:10	R 84	N 12	NE 10									1
16	700	7/15	12:10	R 83	NW 10	SE 10	P/C	79	N						1
17	700	7/15	12:10	R 84	NE 7	SE 11									1
18	700	7/15	12:10	R 83	NW 5	SE 14									1
19	700	7/15	12:10	R 82	NE 5	SE 10									1
20	700	7/15	12:10	R 82	NW 5	SE 11	P/C	75	N						2
21	M			R 77	N 6	SE 11									2
22	700	7/15	12:10	R 75	N 5	NE 12									2
23	700	7/15	12:10	R 75	N 4	SE 12									2

DATE: 16 JUNE 70

ORIGINAL PAGE IS
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	NGU	P600	VLIPO	LAKE KILBY	C-P APT	
00	100W/37 74/66 S3	77	SW 7	5 6	C 74 S	
01	100W/37 74/66 S9	76	S 8	6		
02	100W/37 75/66 S9	76	SSW 7	7		
03	80W/37 75/67 S3	75	7	6		
04	80W/37 75/63 SSW 7	74	8	6	C 71 S	
05	80W/37 75/63 S 6	73	S 7	SSW 7		
06	50W/37 75/63 SSW 7	72	SSW 9	SE 7		
07	50W/37 75/63 S 7	72	6	SE 6		
08		72	SW 5	7	P/C 71 S	
09	200W/37 75/63 S 7	73	6	SE 7		
10	100W/37 75/63 S 6	77	SSW 6	SE 8		SE 1
11	250W/37 82/66 S9	81	9	SE 9		S 1
12	250W/37 82/63 S9	82	6	9	CLR 30 S	S 1
13	250W/37 80/64 S9	83	SE 9	6		SE 1
14	250W/37 82/68 SE 7	84	9	ESE 11		SE 1
15	250W/37 82/69 E 11	85	10	11		SE 1
16	250W/37 82/70 E 8	84	12	10	C 82 S	SE 1
17	250W/37 82/70 E 8	83	7	10		SE 1
18	250W/37 82/71 E 8	85	11	10		E 1
19	200W/37 74/69 E 5	76	E 5	8		
20	200W/37 72/67 E 5	76	8	9	P/C 74 NE	
21	80W/37 72/67 SE 3	75	7	CNE 3		
22	80W/37 71/67 SE 3	73	7	7		
23	80W/37 71/67 S 3	73	SW 10	7	RAIN STARTED	

DATE: 15 JUNE

	NGU	PGCO	VEPCO	LAKE KILBY	CIP ART	
00	105000 10/10 C	0 71	E 5	ENE 1	P/C LL S	00
01	1-05000 10/10 C	0 71	4	NE 2		01
02	M	0 70	SE 4	ENE 1		02
03	1-04000 10/10 C	0 69	SSE 4	E 1		03
04	1-04000 10/10 C	0 68	NW 4	↓	P/C (100) 1/3 25	04
05	-X-03000 10/10 C	0 68	SW 3	↓		05
06	-X-03000 10/10 C	0 68	NW 3	NE 1		06
07	-X-03000 10/10 C	0 67	NE 3	ENE 2		07
08	150000/03000 7/10 ENE 4	0 70	6	E 6	CLR 65 S	08
09	2000/04000 7/10 E 4	0 73	4	ENE 5		SW 09
10	2500/05000 7/10 ENE 4	0 75	SE 4	SE 5		SW 10
11	2500/05000 7/10 NE 1	0 78	4	S 3		S 11
12	2500/05000 7/10 NE 1	0 81	4	SSE 2	CLR 75 S	S 12
13	300/05000 7/10 NE 1	0 83	S 3	S 1		SE 13
14	300/05000 7/10 NE 1	0 86	7	SE 4		SE 14
15	300/05000 7/10 NE 1	0 86	SW 8	4		S 15
16	300/05000 7/10 SE 2	0 87	5	SE 2	CLR 80 SE	S 16
17	300/05000 7/10 SE 2	0 85	SE 10	3		SE 17
18	300/05000 7/10 SE 2	0 82	11	4		SE 18
19	300/05000 7/10 SE 2	0 81	7	6		SE 19
20	300/05000 7/10 SE 2	0 80	12	7	CLR 80 SE	SE 20
21		0 79	8	7		21
22	300/05000 7/10 SE 2	0 77	10	7		22
23		0 77	SW 8	5 6		23

DATE: 14 JUNE

	NEEL	PGCO	VEPCO	LAKE KILBY	C-P APT	LF
00	5/20/55 65/24 E4	71	E 6	ENE 3	CLR 65 NE	0
01	1-0 5/21 65/24 E2	71	4	2		0
02	1-0 5/22 65/24 E	70	ESE 4	1		0
03	046/21 66/22 C	70	ENE 4	NNE 2		0
04	1-0 5/24 67/23 E1/2 C	69	ESE 4	ENE 3	FOG 64 NE	0
05	1-0 5/25 67/23 E2	69	E 4	NE 2		0
06	1-0 5/26 67/23 E	69	NE 4	2		0
07	1-0 5/27 67/23 E	69	E 5	ENE 2		0
08	1-0 5/28 67/23 E	70	NE 5	4	C 66 E	0
09	1-0 5/29 67/23 E	72	ESE 7	6		NE 0
10	1-0 5/30 67/23 E	76	7	E 5		NE 10
11	1-0 5/31 67/23 E	81	8	7		E 1
12	1-0 6/1 67/24 E1	83	9	6	CLR 79 E	E 1
13	1-0 6/2 67/24 E1	85	7	7		NE 1
14	1-0 6/3 67/24 E1	87	E 6	ESE 6		E 1
15	1-0 6/4 67/24 E1	86	10	E 7		E 1
16	1-0 6/5 67/24 E1	88	ESE 9	ESE 5	F/C 80 SE	E 1
17	1-0 6/6 67/24 E1	81	SE 7	E 5		E 1
18	1-0 6/7 67/24 E1	81	8	4		F 1
19	1-0 6/8 67/24 E1	79	8	6		E 1
20	1-0 6/9 67/24 E1	77	7	4	F/C 74 SE	E 2
21	1-0 6/10 67/24 E1	74	9	E1/2 2		2
22	1-0 6/11 67/24 E1	73	6	E 1		2
23	1-0 6/12 67/24 E1	73	E 5	1		2

DATE: 12 JUN 74

	NGU	PGCO	VEPCO	LAKE KILBY	C.P. ART	
00	1-07 71/52 SE 2	0 72 SW 6	SSW 5	CLR 63 S		00
01	1-07 71/53 S 2	0 72 SSW 2	S 2			01
02	1-07 67/57 C	0 69 S	2			02
03	1-07 66/59 C	0 68 4	1			03
04	07 67/62 S 2	0 67 4	2	CLR 62 SE		04
05	1-07 65/60 S 3	0 66 3	SSW 5			05
06	1-05H 65/60 SW 3	0 65 SW 5	2			06
07	05H 72/64 SW 4	0 65 S	3			07
08	04H 77/67 SW 5	0 69 S	W 4	CLR 68 W		08
09	07H 74/65 W 5	0 73 WSW 4	NW 5		110	09
10	1-07/07 73/64 SW 3	0 72 NW 6	N 1		11	10
11	1-07/07 73/62 SW 3	0 72 6	SW 5		11	11
12	1-07/07 67/57 SW 3	0 72 S	NW 5	CLR 70 S	11	12
13	41P 1-07/07 71/62 SW 4	0 73 SW 4	SW 5		S	13
14	1-07/07 67/62 SW 5	0 74 S	SSW 5		SW	14
15	1-07/07 67/64 SW 7	0 75 S	6		SW	15
16	4-07/07 73/64 SW 12	0 77 7	NNE 12	P/C 64 SW	SW	16
17	4-07/07 73/64 SW 6	0 78 7	NE 7		11	17
18	4-07/07 73/64 SW 6	0 79 7	ESE 6		11	18
19	4-07/07 74/67 E 11	0 79 SE 5	E 3		11	19
20	4-07/07 74/67 NE 11	0 78 S	N 11	P/C 76 NE	SE	20
21	12-07/07 73/64 SW 13	0 73 N 13	N 4			21
22	12-07/07 73/64 SW 13	0 71 NE 5	4			22
23		0 71 7	N 2			23

DATE: 13 JUNE ' _____

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OF POOR QUALITY

	NGU	P/CO	V/PCO	LAKE KILBY	C-P DAT				
00	400110007 6/32 NE 5	72	NE 5	NE 4	3	67	11		0
01	400110007 6/31 E 1	72	E 7	NE 5					0
02	400110007 6/30 NE 3	71	NE 3	NE 4					0
03	400110007 6/30 NE 1	70	NNE 4	NE 1					0
04	100007 6/27 NE 2	69	NE 2	1	CLR	64	NW		0
05	100007 7/1/3 NE 2	68	ENE 2	NE 4					0
06	100007 7/1/3 NE 2	68	NNE 2	4					0
07	100007 7/1/3 NE 3	68	NE 3	NE 5					0
08	100007 7/1/3 NE 5	70	3	5	P/C	66	11		0
09	300007 7/1/5 NE 5	72	5	NE 6				N	0
10	300007 7/1/2 NE 7	76	ENE	NE 7				11	10
11	500007 7/1/2 NE 7	78	NE 11	7				E	1
12	500007/0064 7/1/2 NE 6	77	E 7	NE 6	P/C	76	11	11	10
13	500007/0064 7/1/4 NE 5	81	6	7				11	10
14	500007 7/1/3 NE 5	83	ENE 7	5				11	10
15	500007 7/1/3 NE 6	83	9	1 6				NE	10
16	500007/0064 7/1/3 NE 5	85	NE 6	NE 5	P/C	80	NE	11	10
17	100007 7/1/4 NE 6	85	6	6				NE	10
18	100007 7/1/5 NE 5	83	7	NE 7				11	10
19	100007 7/1/5 NE 5	81	5	ENE 6				11	10
20	100007 7/1/2 NE 6	79	SE 10	E 5	CLR	74	NE	11	2
21	500007/0064 7/1/3 NE 6	75	5	3					2
22	500007/0064 6/30 NE 6	73	7	ENE 2					2
23	500007/0064 6/30 NE 2	72	7	5					2

DATE: 11 JUNE -4

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	NEEL			PECO VEPCO			LAKE KILBY			C.P. PAT.	
00	800/07	31/74	SSW 12	83	SW 6	SSW 10	CLR	79	S		0
01	800/07	30/74	SSW 9	81	6	6					0
02	1/07	70/74	SW 5	82	5	SW 5					0
03	800/07	73/72	SW 5	79	5	7					0
04	300/07	77/70	SW 4	77	5	7	P/C	75	S		0
05	800/07	74/69	SW 6	76	4	WSW 4					0
06	300/07	75/63	WSW 6	75	5	5					0
07	800/07	74/69	SW 7	75	WNN 5	W 7					0
08	800/07	77/69	NWS 8	75	5	NWS 10	P/C	73	N		0
09	300/07	77/69	N 12	79	11	N 13				NW	0
10	300/07	73/65	N 11	81	ENE 9	N 11				N	10
11	300/07	74/65	N 11	84	NNE 7	12				N	1
12	800/07	75/66	N 8	83	7	NE 10	P/C	78	N	- 1	1
13	800/07	79/66	NE 7	85	ENE 6	5				NE	1
14	300/07	79/60	NE 6	86	NW 5	5				N	1
15	300/07	77/67	NE 5	87	ENE 6	ESE 5				E	1
16	800/07	77/63	NE 2	85	ESE 5	4	P/C	81	SW	E	1
17	800/07	74/61	NE 5	86	SW 5	5				E	1
18				85	SE 9	7				E	1
19				83	SSE 7	SE 5				SE	1
20	300/07	77/60		82	SE 6	4	P/C	77	SE	SE	2
21	800/07	77/60		77	S 4	4					2
22	800/07	70/59	SE 4	76	SW 5	4					2
23	1/07	71/50	SE 2	73	6	S 5					2

DATE: 10 JUN 4

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OF POOR QUALITY

	WELL	PECO	VSP20	LAKE KILBY	C-P APT
LDY 00.	1-10 7 75/70 S7	0 75 SW 6	SSW 7	CLR 72 S	
01	1-10 7 77/72 S7	0 75 7	5		
02	1-10 611 74/70 S5	0 74 S 5	5		
03	1-10 64 74/70 SSW 5	0 73 SW 4	6		
04	1-10 64 74/63 S5	0 73 7	6	CLR 70 S	
05	1-10 64 74/62 S4	0 72 5	6		
06	1-10 5664 74/63 S6	0 72 5	7		
07	1-10 5664 75/69 S5-15	0 72 6	SW 7		
08	0 611 77/70 SW 6	0 74 SSW 5	SSW 3	CLR 74 S	
09	0 611 53/72 SSW 6	0 79 SW 9	7		SW
10	0 611 53/73 SW 7	0 84 10	SW 9		SW
11	0 7 57/74 SW 7	0 89 WSW 13	SW 11		SW
12	0 7 83/70 SSW 15	0 91 SW 12	SW 10	CLR 86 N	N
13	500/07 90/74 SSW 15	0 93 11	SSW 12		SW
14	500/07 92/72 SSW 10	0 95 9	12		S
15	500/07 93/72 SSW 8	0 95 14	13		S
16	500/07 93/72 SSW 12	0 96 9	14	CLR 90 SW	SW
17		0 95 7	11		
18	500/07 92/72 S12	0 94 10	10		
19	500/07 91/72 SSW 10	0 93 S 10	9		
20	0 7 53/72 S10	0 90 SW 7	8	CLR 86 S	
21	1/07 86/72 SSW 5	0 88 9	9		
22	1/07 84/72 S10	0 86 7	11		
23	1/07 85/74 SSW 10	0 84 10	11		

DATE: 9 JUNE _____

NGEL -

PGCO YKPCO

LAKE KILBY

C.P. APT.

LOT	300/07	72/67	NNW 7	72	N 5	NW 7	CLR	63	N		0
01	300/07	72/66	NNW 4	71	NW 5	6					0
02				70	3	NNW 3					0
03	300/07	69/66	NNW 4	69	4	NW 3					0
04	750/07	69/66	NNW 5	69	NNW 4	NNW 3	CLR	66	N		0
05	1-07	60/65	NNW 6	69	NW 6	NW 4					0
06	1500/07	60/65	NNW 6	69	NNW 2	6					0
07	2500/07	60/65	NNW 6	68	NNW 2	NNW 4					0
08	500/07	72/63	NNW 4	70	5	N 6	CLR	67	NNW		0
09				72	5	6				(NW)	0
10	500/07	74/63	NNW 5	76	7	NNW 9				(N)	1
11	500/07	74/67	NNW 5	79	6	7				NNW	1
12	300/07	78/70	N 6	71	N 6	6	F/C	79	NW	(N)	1
13	300/07	78/70	NNW 2	82	NE 5	N 5				N	1
14	300/07	89/70	N 4	86	7	3				NNW	1
15				87	N 7	NNW 2				(N)	1
16				89	NW 5	5 1	CLR	35	5	E	1
17				89	5	SSW 4				S	1
18				89	SW 5	SW 5				S	1
19				87	6	SSE 7				S	1
20				82	7	5	CLR	33	5	S	2
21				80	7	6					2
22				79	5	5 7					2
23	1-07	76/70	SSE 4	77	5	6					2

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DATE: 8/11/11

NGU

PGCO VLP CO

LAKE KILBY

C.P. ART

LOT		R	NE	N	C	RAIN	N		LA
00		72	7	10		68			0
01		71	9	11					0
02		71	10	11					0
03		71	5	NNW 11					0
04	5010067 7/12 N1112	71	7	11		67	N		0
05	6032167 7/13 N1111	71	9	10					0
06	6032167 7/17 N1112	71	9	12					0
07	6032167 7/18 N1113	70	12	13					0
08		70	NW 15	14		63	N		0
09	6032167 7/21 N1113	71	N 12	15				NW	0
10	6032167 7/23 N1110	71	6	13				NW	1
11	6032167 7/23 N1111	72	11	14				NW	1
12	6032167 7/27 N1115	73	5	13		72	NE	NW	1
13	6032167 7/28 N1115	74	6	15				NW	1
14	6032167 7/29 N1111	74	6	14				NW	1
15	6032167 7/30 N1112	75	NE 7	N 15				NW	1
16	6032167 7/31 N1116	76	N 6	15		(60) 73	N	W	1
17		76	10	17				NW	1
18	6032167 7/13 N1113	75	15	14				NW	1
19	6032167 7/13 N1112	75	13	14					1
20	6032167 7/13 N1111	74	8	11		71	N		2
21	6032167 7/13 N1113	74	10	11					2
22	6032167 7/13 N1117	73	10	NNW 9					2
23	6032167 7/17 N1113	72	7	5					2

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DATE: 7 JUNE

	NEU	PECO	VEPCO	LAKE KILBY	C-P ART	
00	1007533 CP 69/14 NNEC	O 72 NE 8	NE 8	C MISTY 68 NE		0
01	907533 CP 69/15 NNE 9	D 70 5	NNE 7			0
02	307027 70/16 NNE 7	D 70 9	10			0
03	302007 69/15 NNE 9	D 69 9	11			0
04	707533 CP 69/14 NNE 4	D 69 7	9	C MISTY 66 NE		0
05	707533 CP 69/14 NNE 9	D 69 8	7			0
06	5X 12 F 6 1/2 11 7	D 69 8	6			0
07	1X 1/2 F 6 1/2 11 7	D 69 6	7			0
08	2X 12 F 69/17 NNE 10	D 70 5	NE 8	C MISTY 66 11		0
09	4X 3 F 69/17 NNE 7	A 11 11	11		NE	0
10	5X 3 F 69/17 NNE 11	D 71 ENE 9	13		NE	10
11	5X 12 3 F 7 1/2 11 12	A 72 13	14		N	1
12	507533 CP 69/15 NNE 11	D 72 10	12	C MISTY 69 11	11	1
13	507533 CP 69/15 NNE 11	D 73 10	NNE 11		11	1
14	407533 CP 69/15 NNE 11	D 74 9	12		11	1
15		D 72 8	11		N	1
16	407533 CP 69/15 NNE 11	D 73 NE 8	12	C MISTY 69 11	N	1
17	407533 CP 69/15 NNE 11	DR 73 N 7	11 11		11	1
18	407533 CP 69/15 NNE 11	R 73 7	13		11	1
19	407533 CP 69/15 NNE 11	P 71 12	13			1
20	407533 CP 69/15 NNE 11	R 70 10	14	C MISTY 67 11		2
21	407533 CP 69/15 NNE 11	R 71 8	NNE 11			2
22	407533 CP 69/15 NNE 11	R 71 NE 7	10			2
23	607533 CP 69/15 NNE 11	R 71 8	11			2

DATE: 6 JUNE

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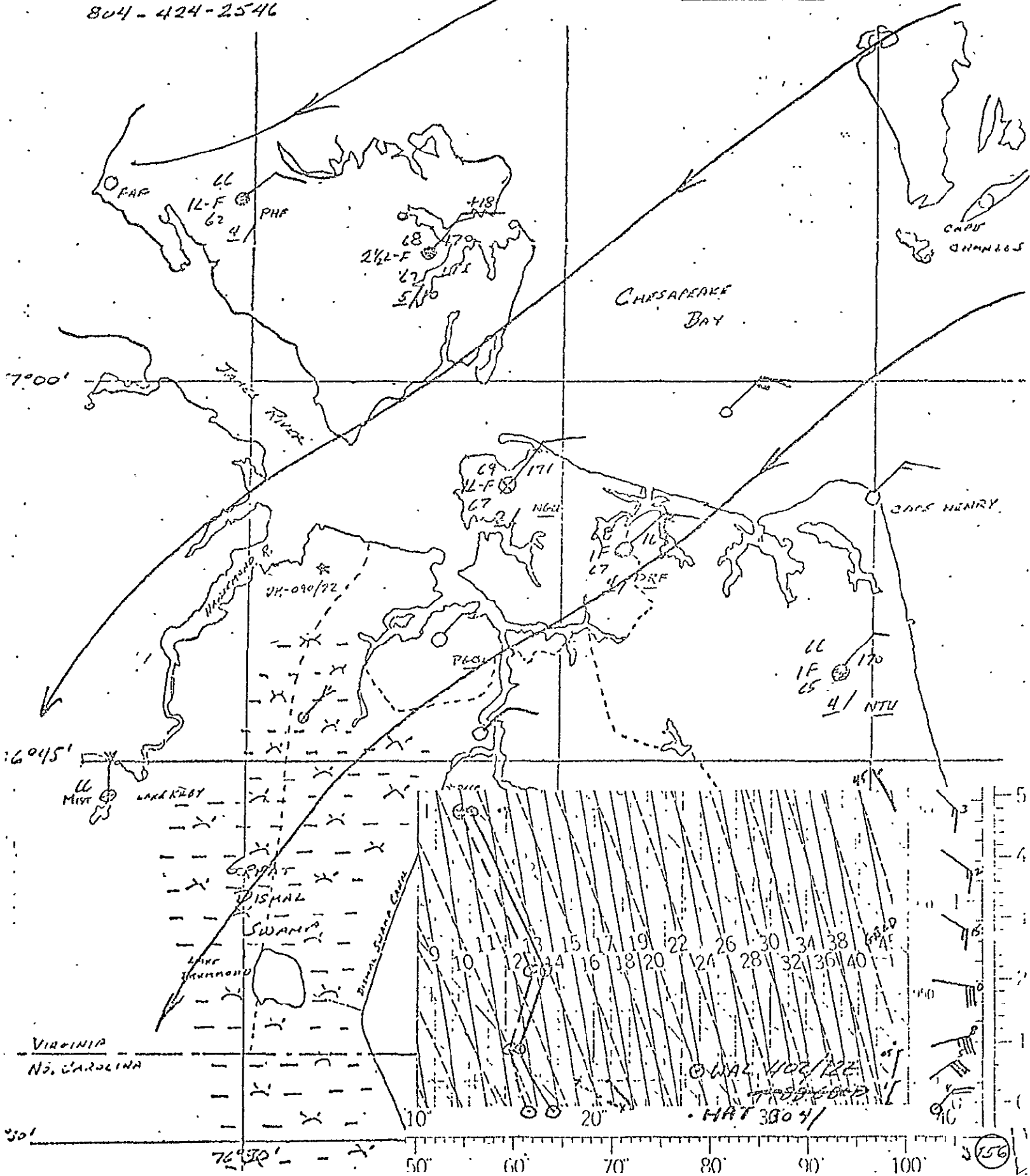
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01			3			0
02			5			0
03			5			0
04			NE 5	CLR 63 E		0
05			NE 4			0
06			6			0
07			NE 7			0
08		2 10 E 5	NE 7	CLR 68 N		0
09		2 15 9	9			0
10	300/07 74/17 NE	2 15 8	E 10			10
11	300/07 74/17 NE	2 20 NE 8	NE 10			11
12	300/07 74/17 NE	2 22 13	10	P/S 76 N	NE	12
13	300/07 74/17 NE	2 25 14	11		NE	13
14	300/07 74/17 NE	2 28 E 12	11		NE	14
15	300/07 74/17 NE	2 35 NE 12	10		E	15
16	300/07 74/17 NE	2 25 E 9	12	CLR 80 NW	NE	1
17	300/07 74/17 NE	2 32 12	10		NE	17
18	300/07 74/17 NE	2 40 10	9		E	18
19	300/07 74/17 NE	2 44 10	NE 8		NE	1
20	300/07 74/17 NE	2 45 7	NE 9	CLR 71 NE		2
21	300/07 74/17 NE	2 43 NE 7	NE 10			2
22	300/07 74/17 NE	2 43 10	10			2
23	300/07 74/17 NE	2 43 7	NE 6			2

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COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

804-424-2546

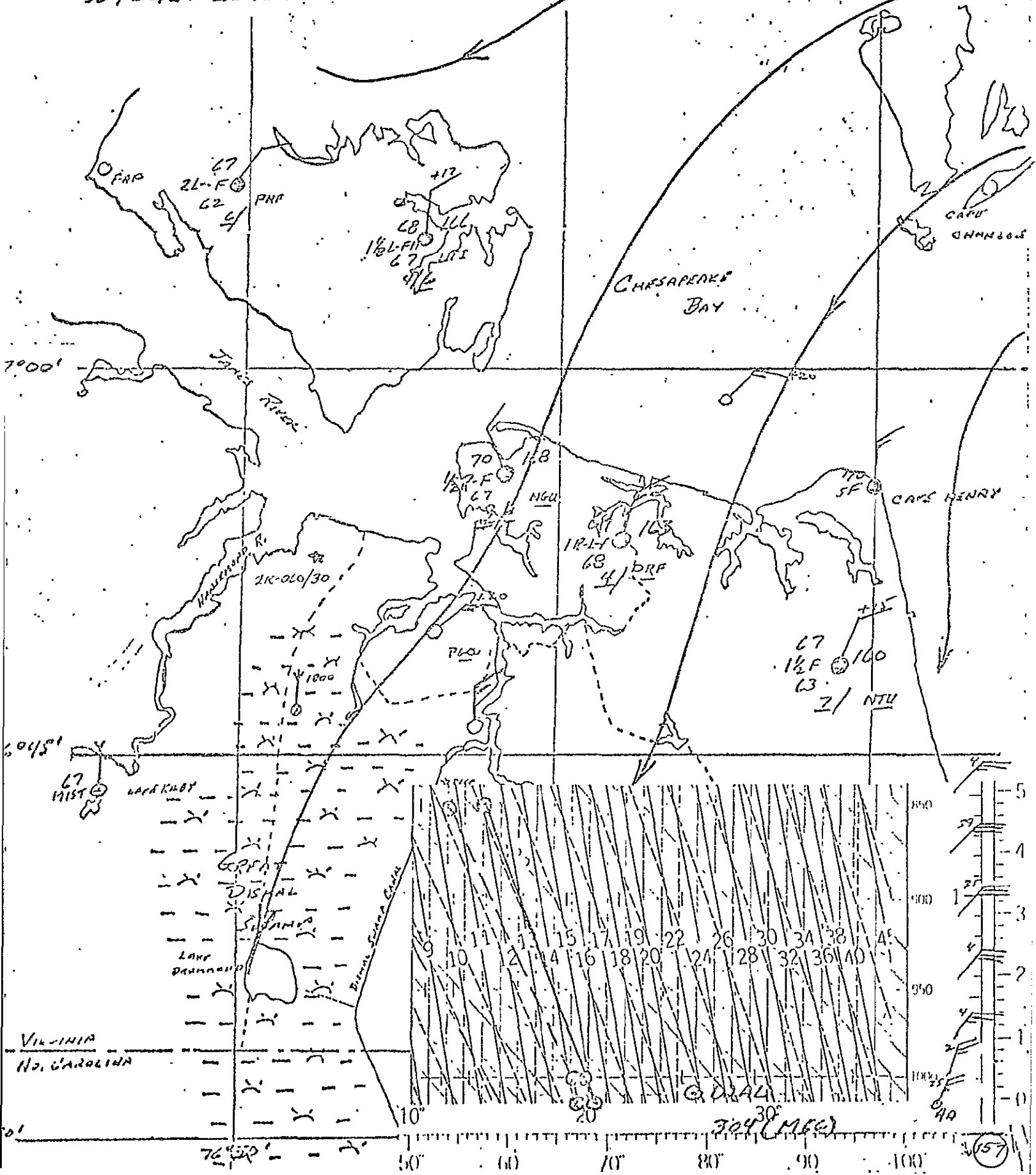
DATE 7 JUNE 12Z



COMMONWEALTH WEATHER SERVICE
 463 NORTH MILITARY HIGHWAY
 NORFOLK, VIRGINIA 23502

804-424-2546

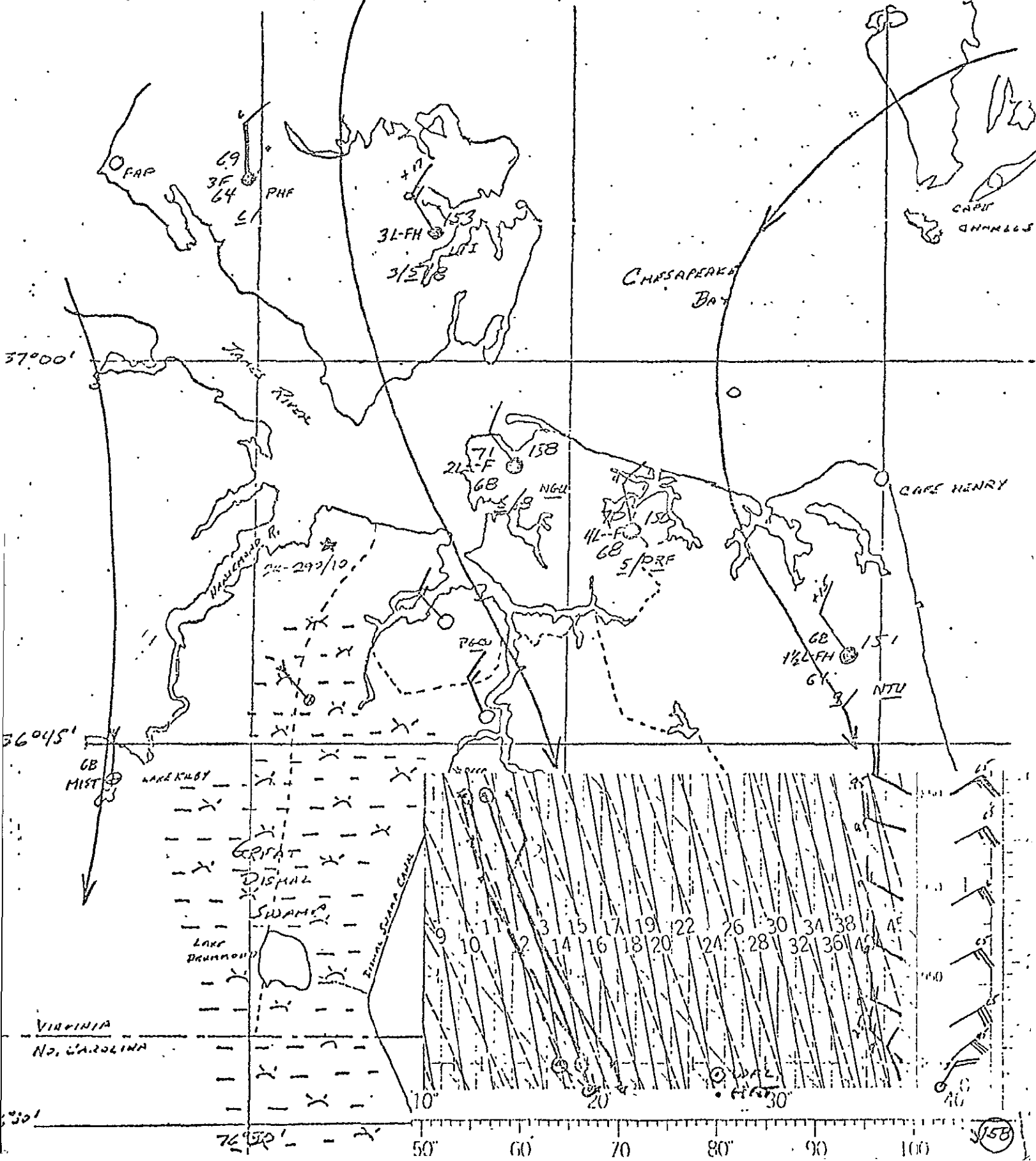
DATE 8 JUNE 74/00Z



COMMON. ALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23302

804-424-2546

DATE 8 JUNE 74/12Z

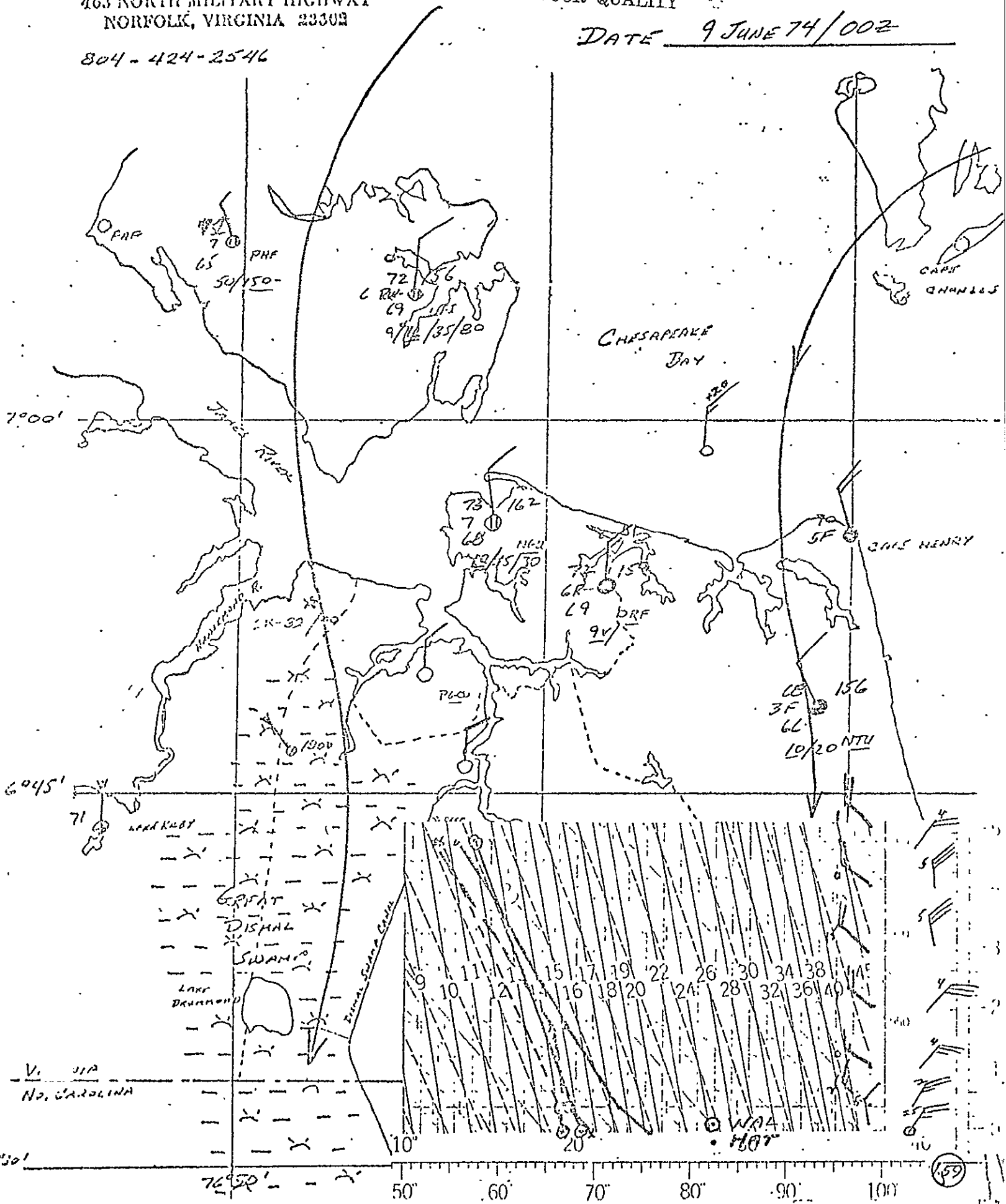


COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23302

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DATE 9 JUNE 74/002

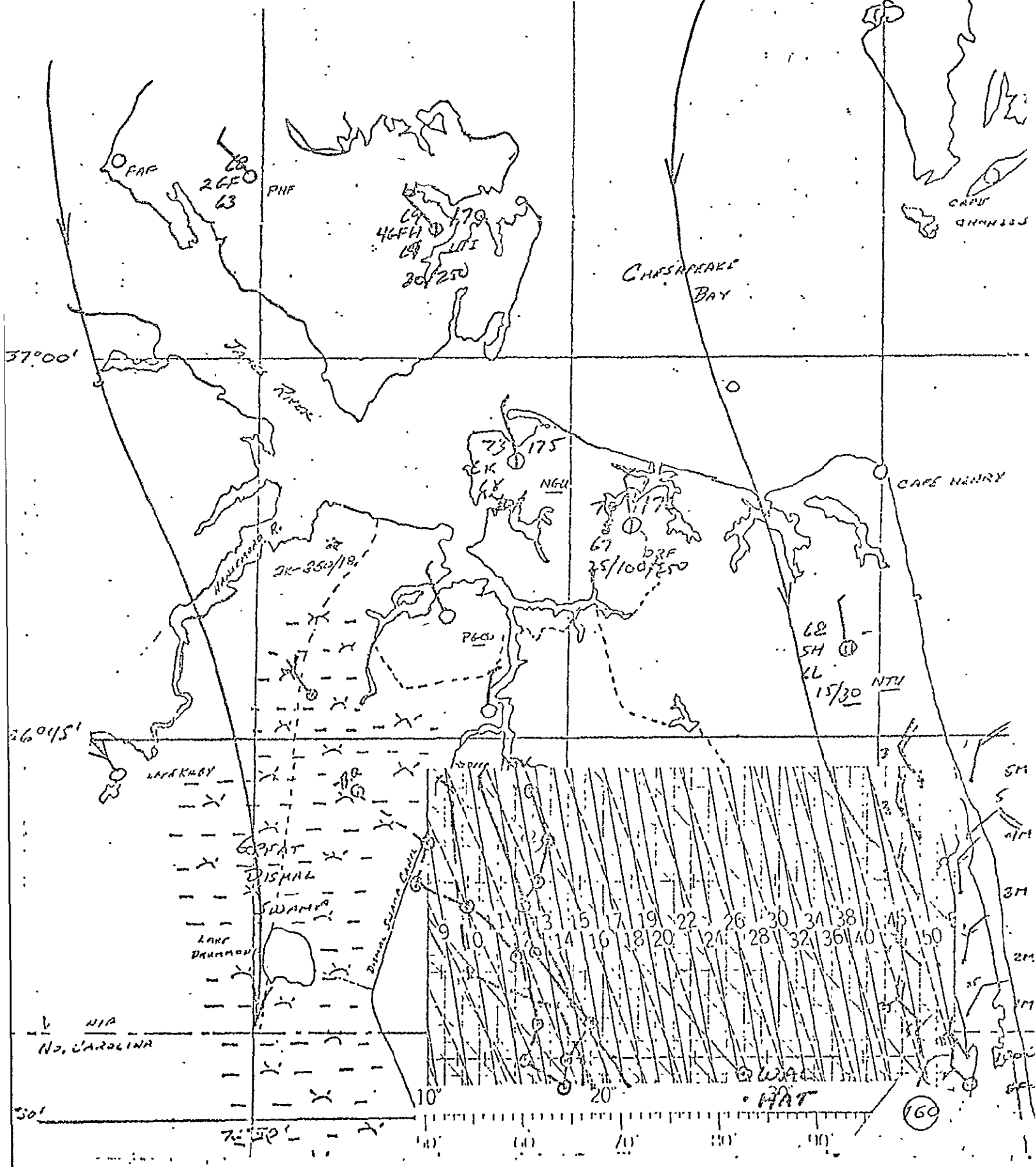
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COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

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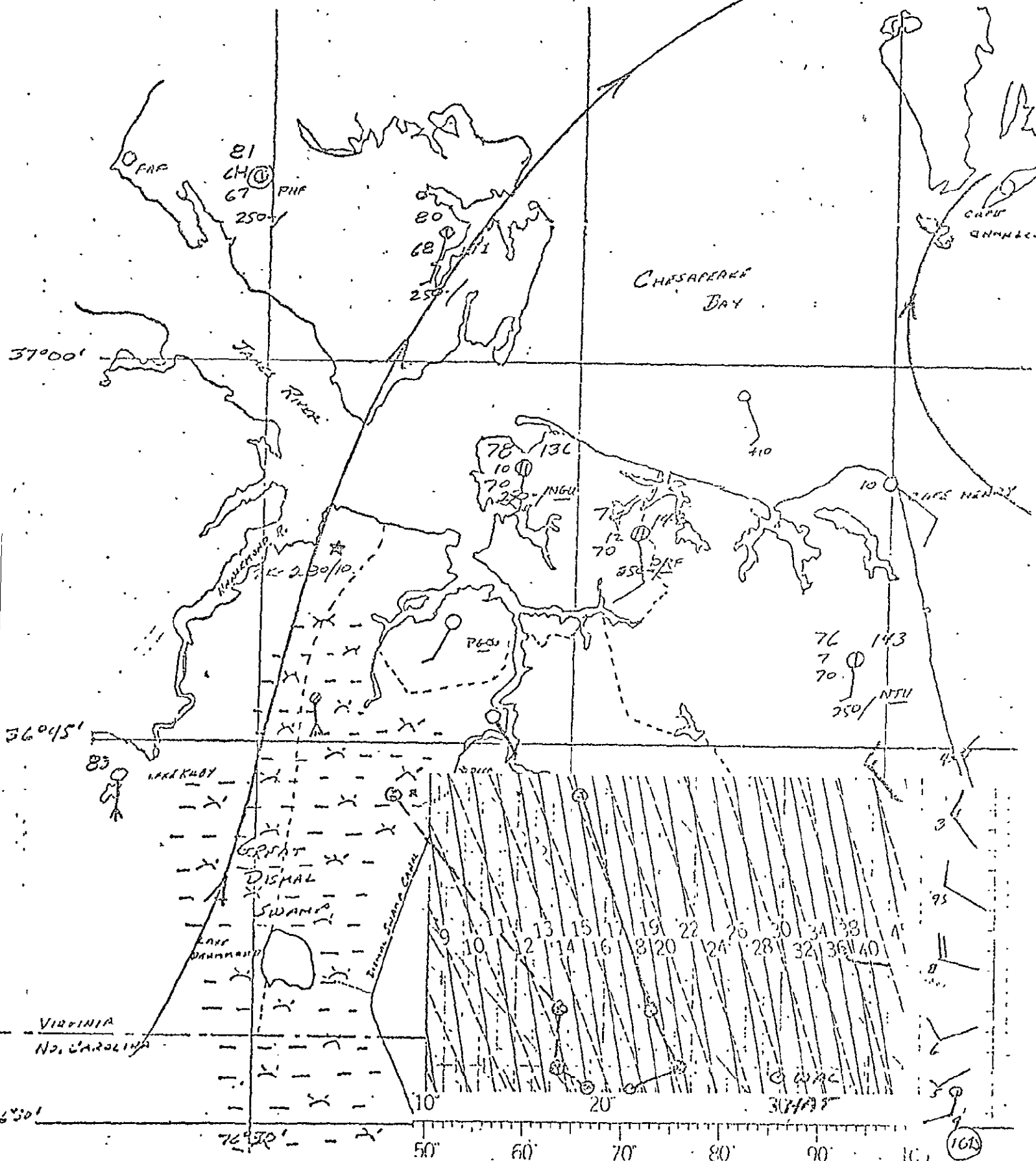
DATE JUNE 74/12Z



COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

804-424-2546

DATE 10 June 74/00Z

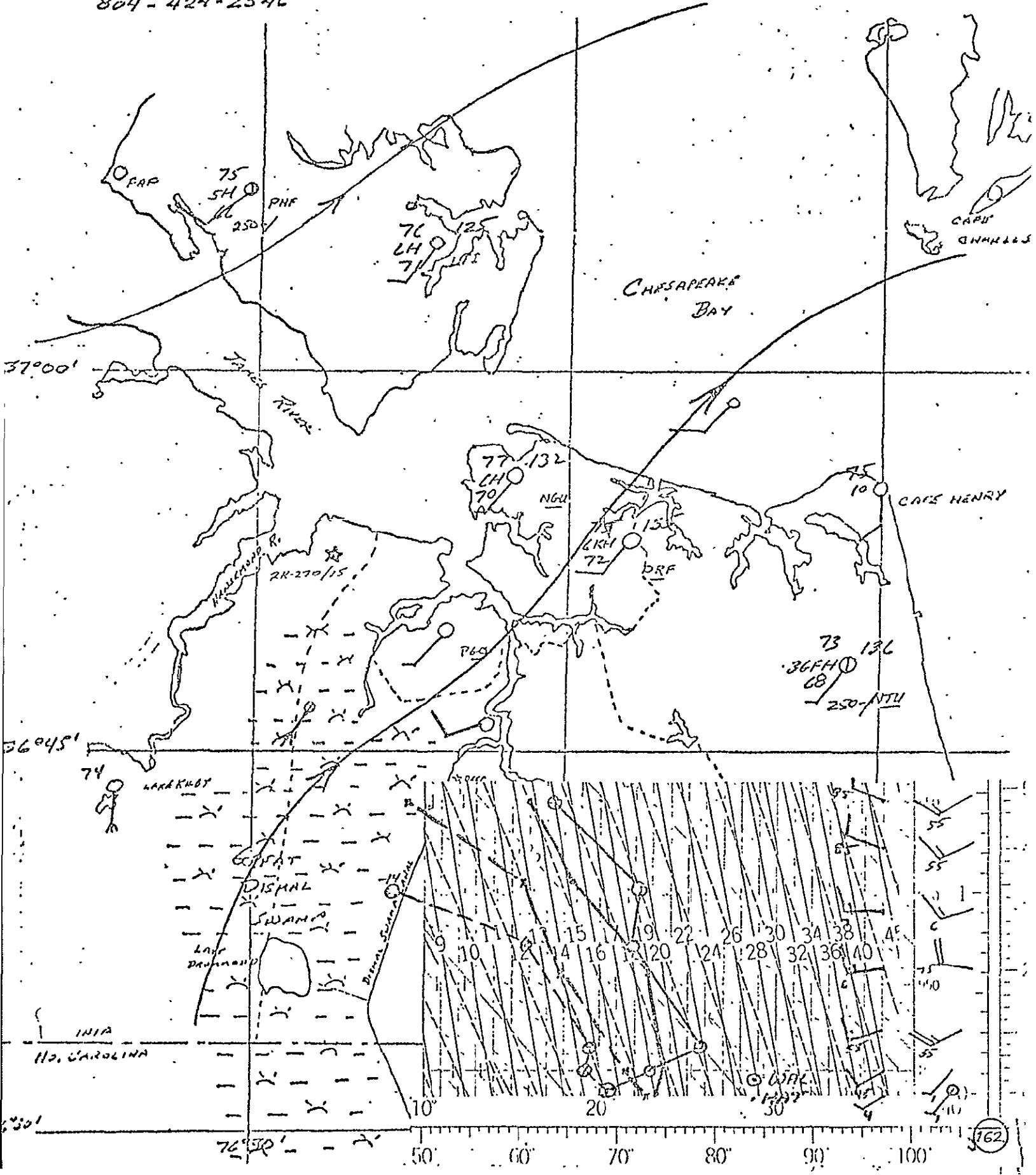


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COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

804-424-2546

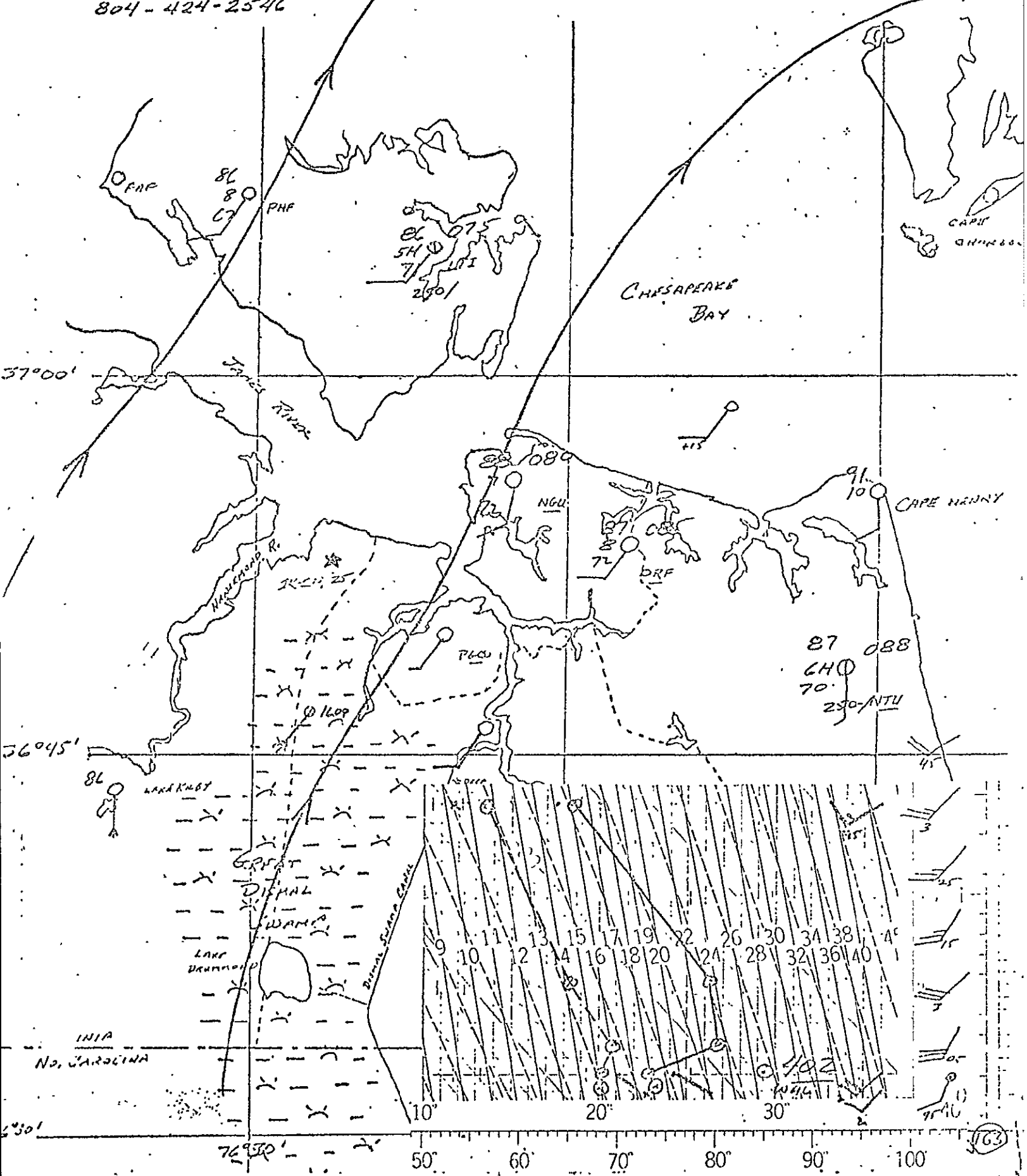
DATE 10 JUNE 74 / 12Z



COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23503

804-424-2546

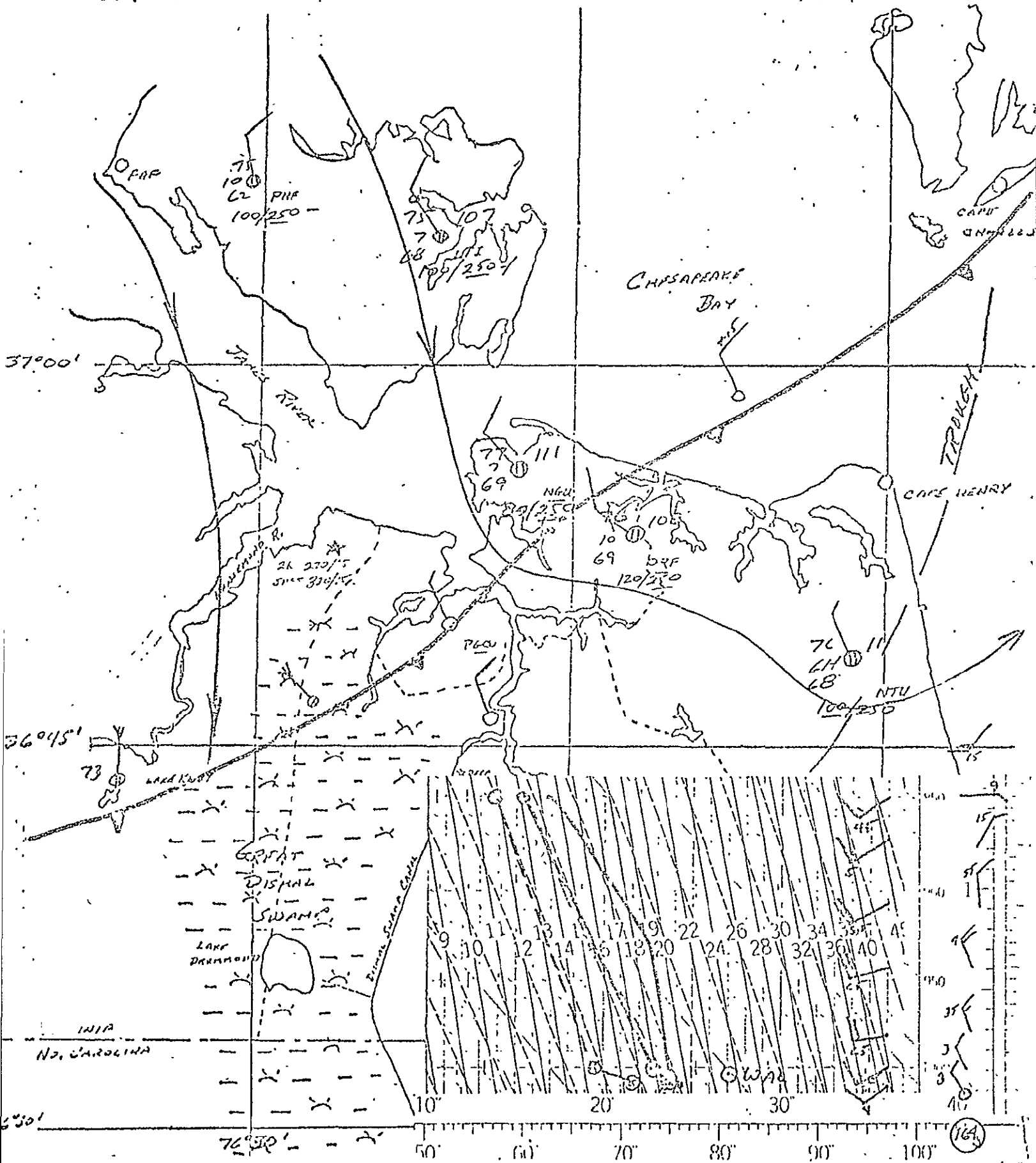
DATE 11 JUNE 74/00Z



COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23302

804-424-2546

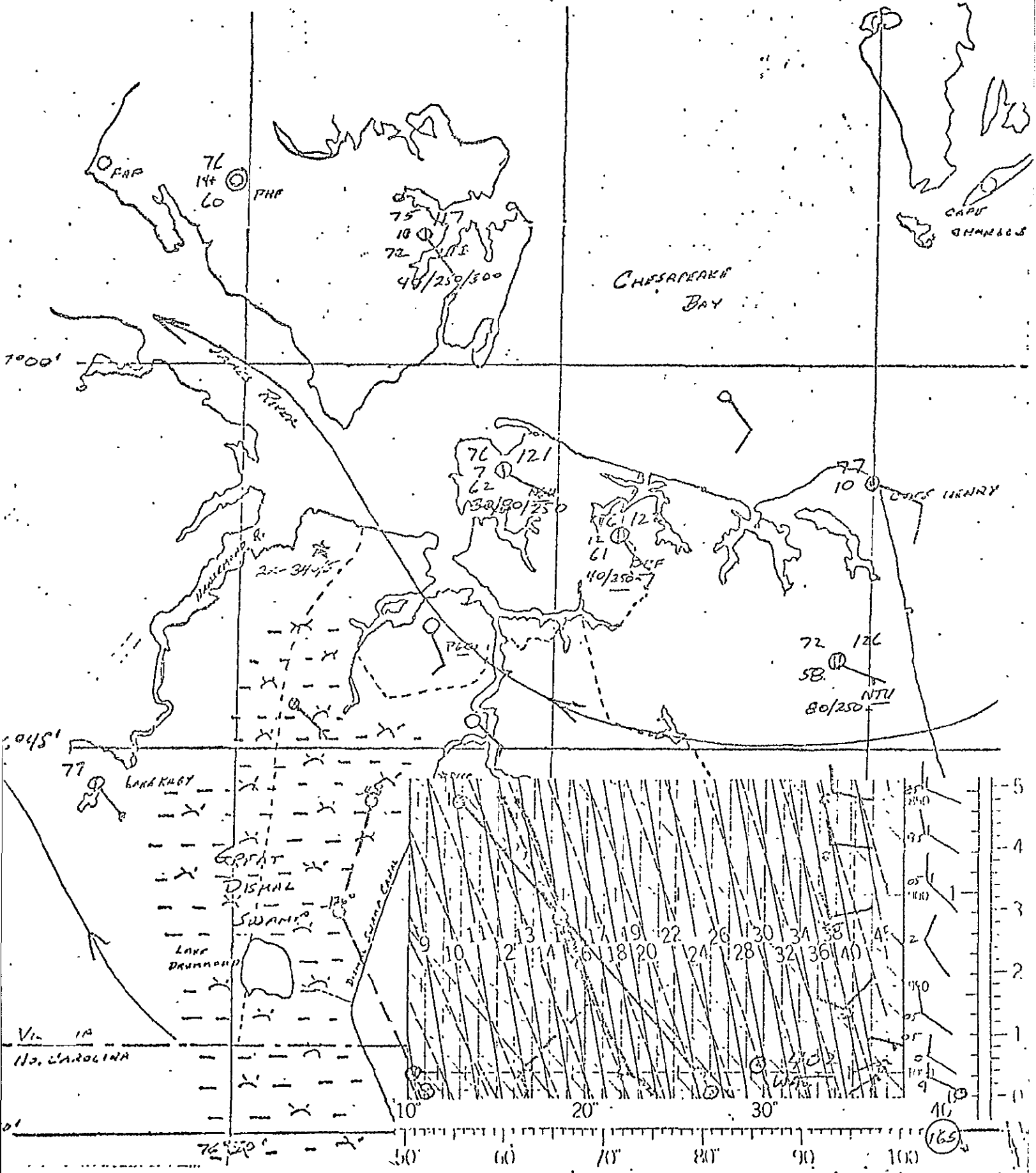
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COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

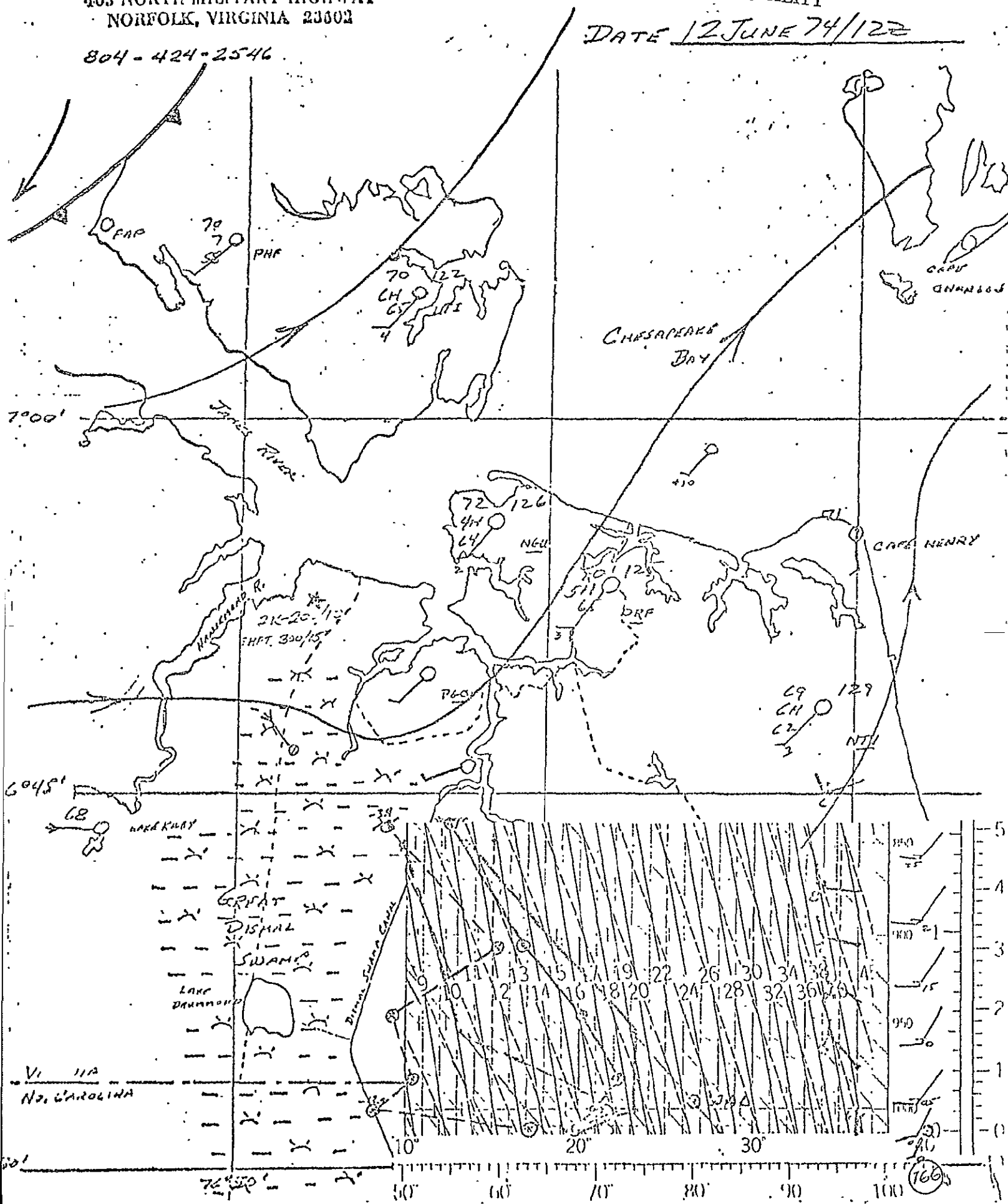
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DATE 12 JUNE 74/002



DATE 12 JUNE 74/12Z

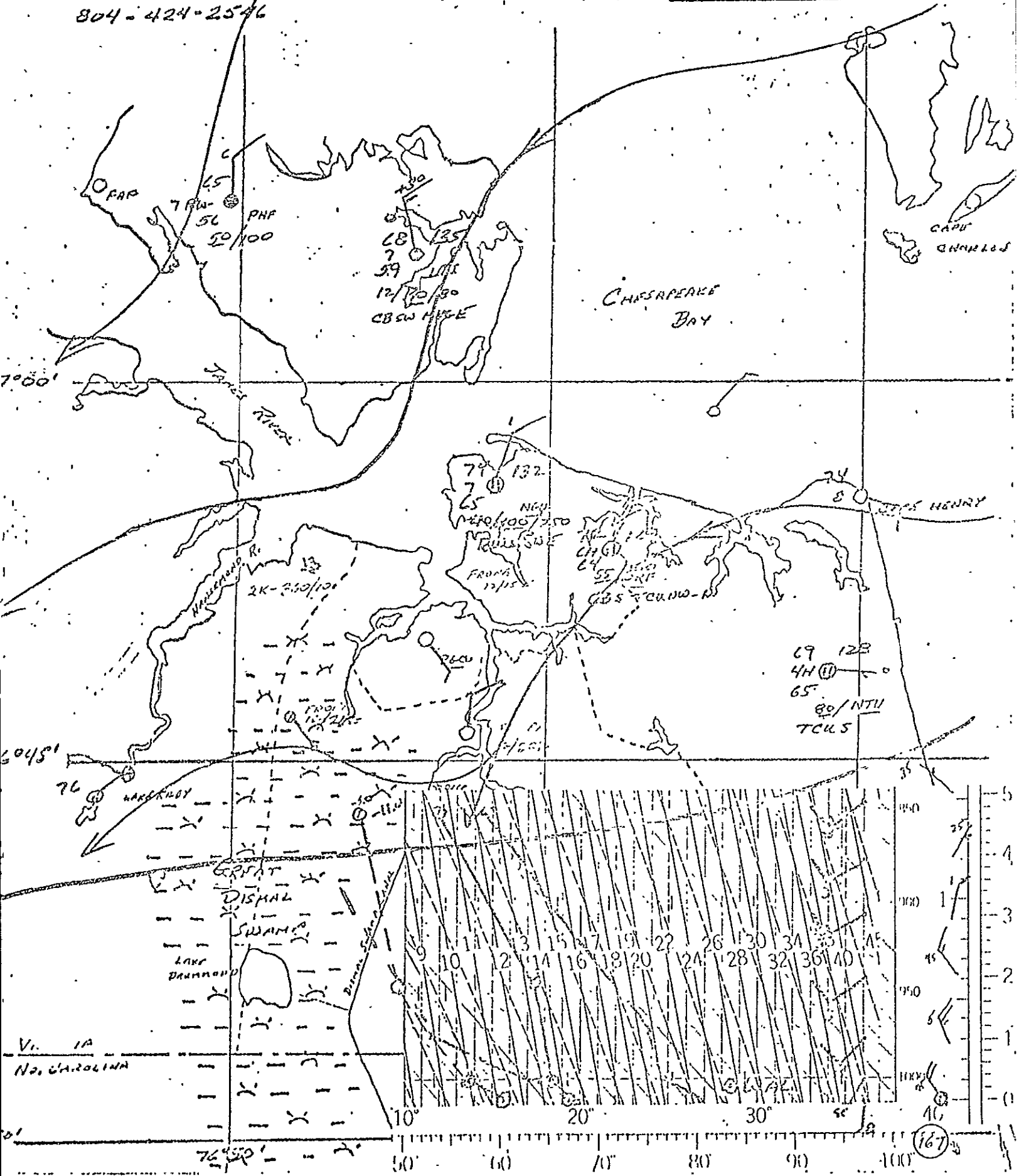
804-424-2546



COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

804-424-2546

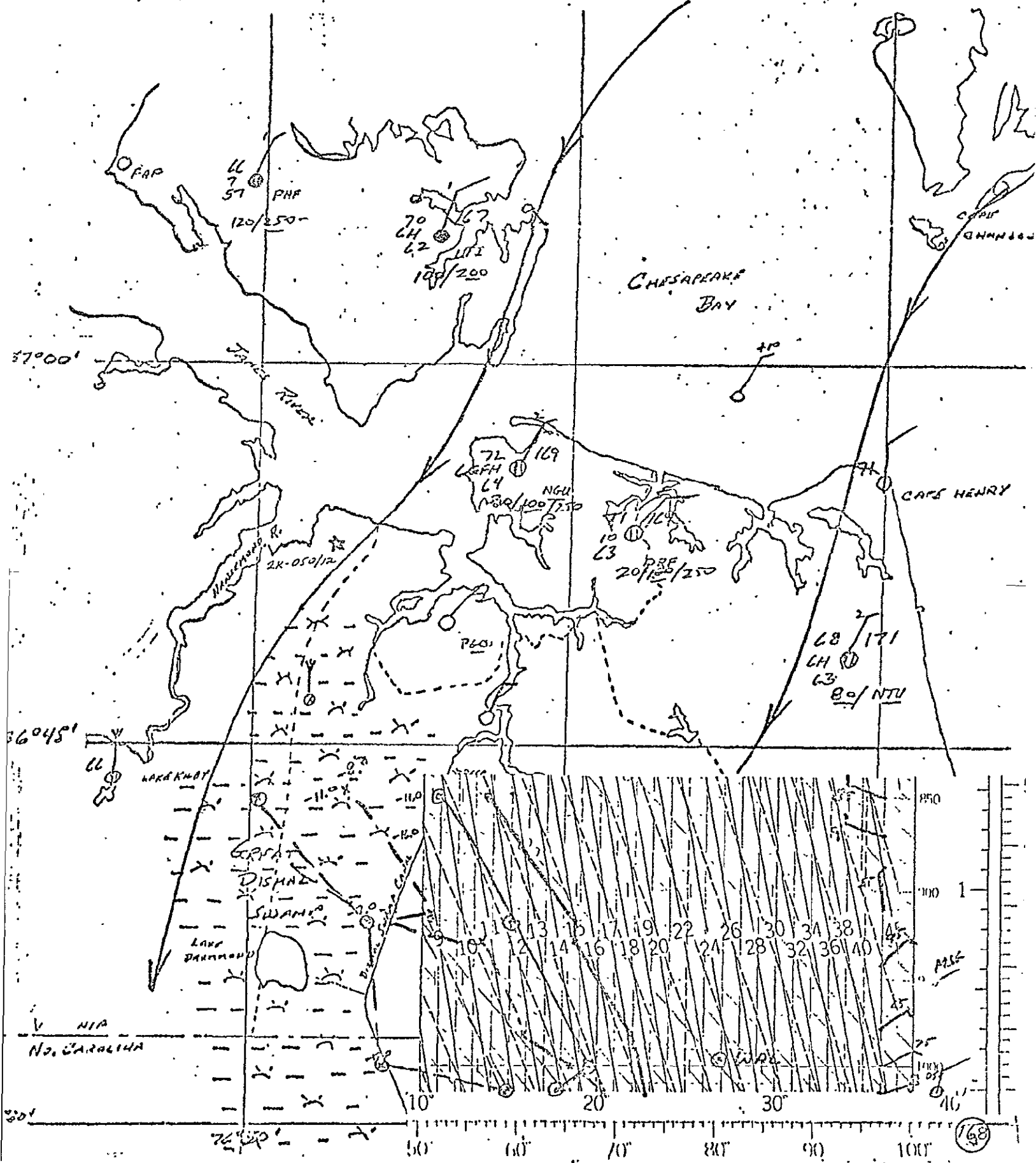
DATE 13 JUNE 74/00Z



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NORFOLK, VIRGINIA 23509

804-424-2546

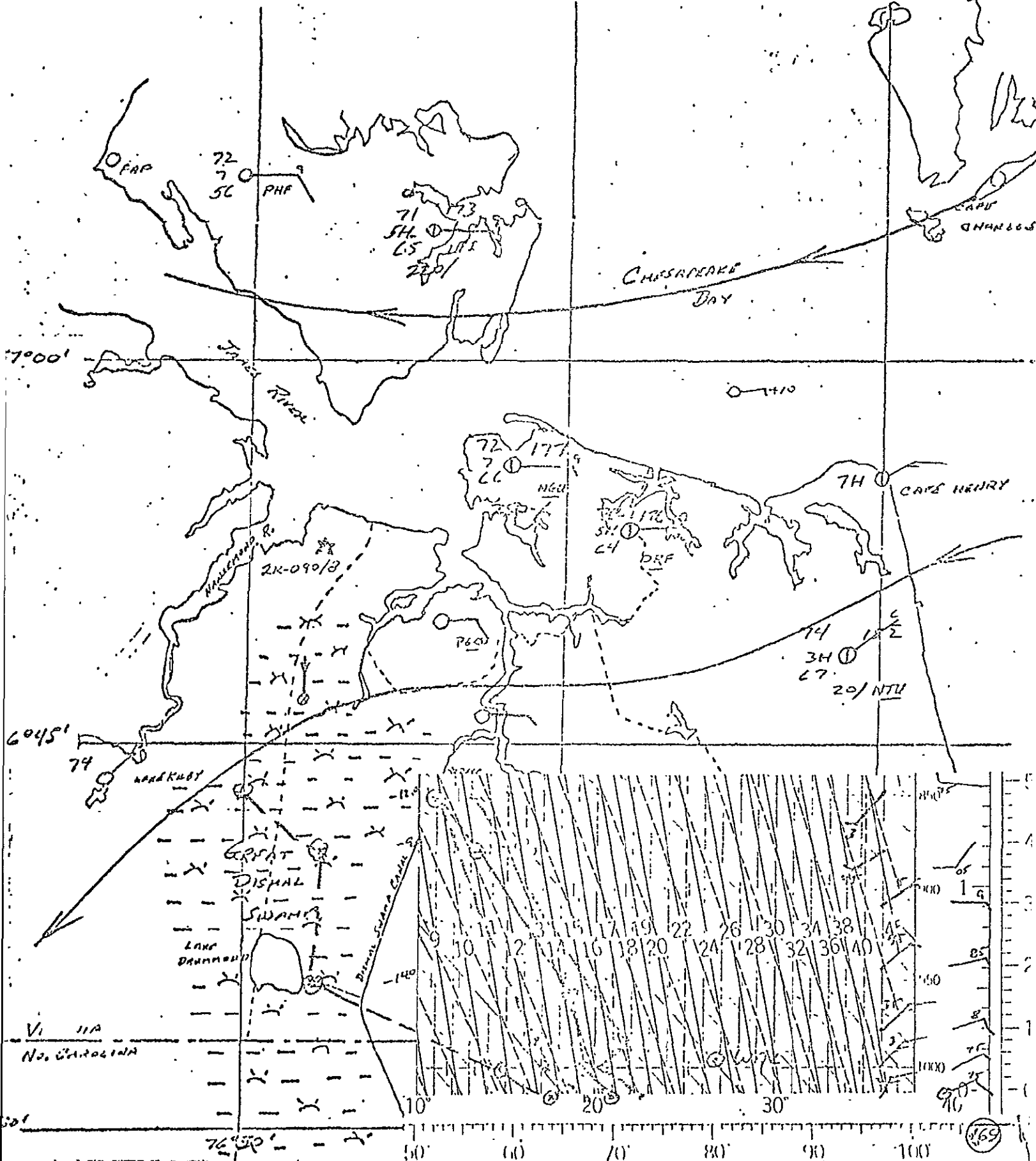
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COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23302

804-424-2546

DATE 14 JUNE 74/002

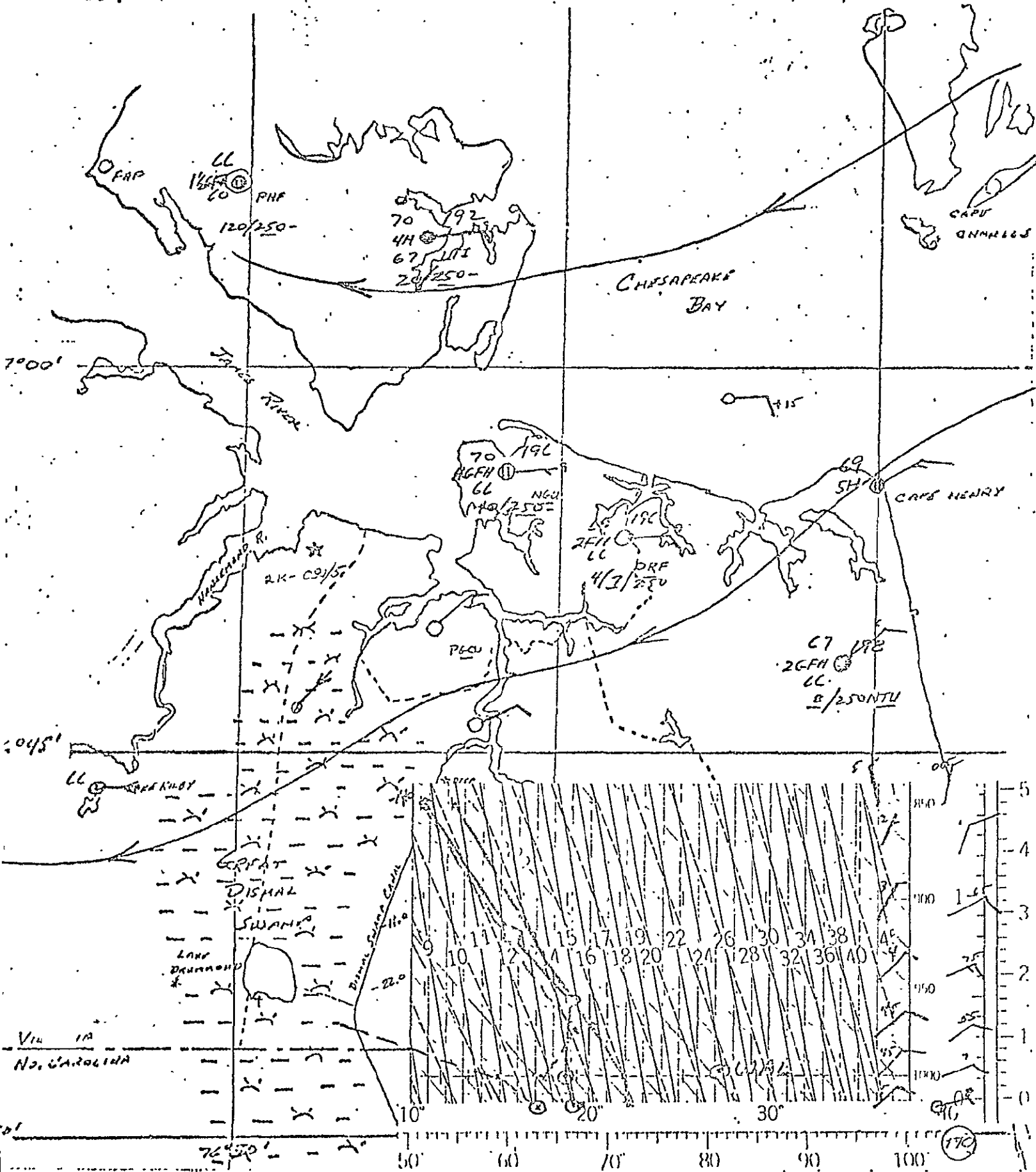


COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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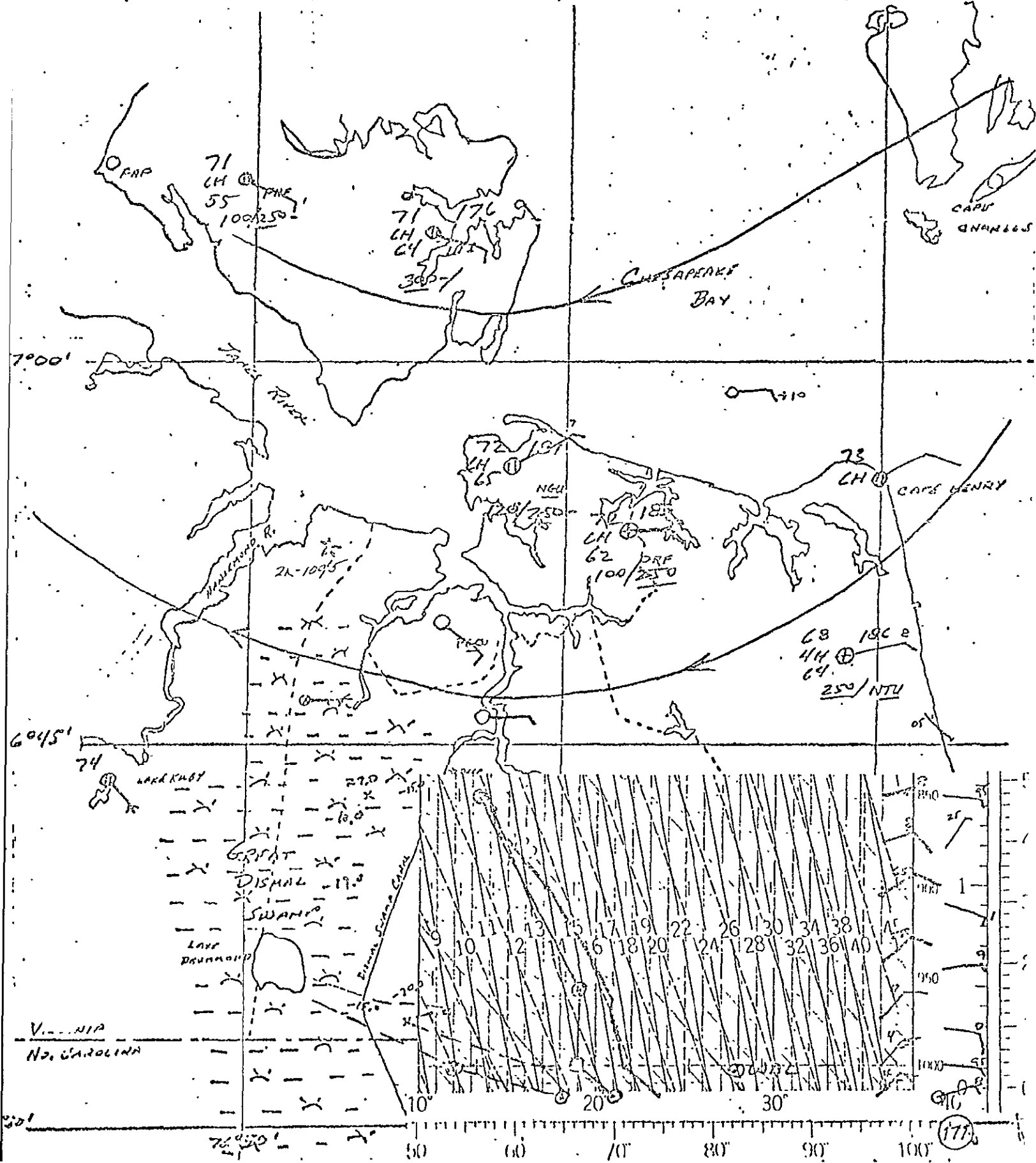
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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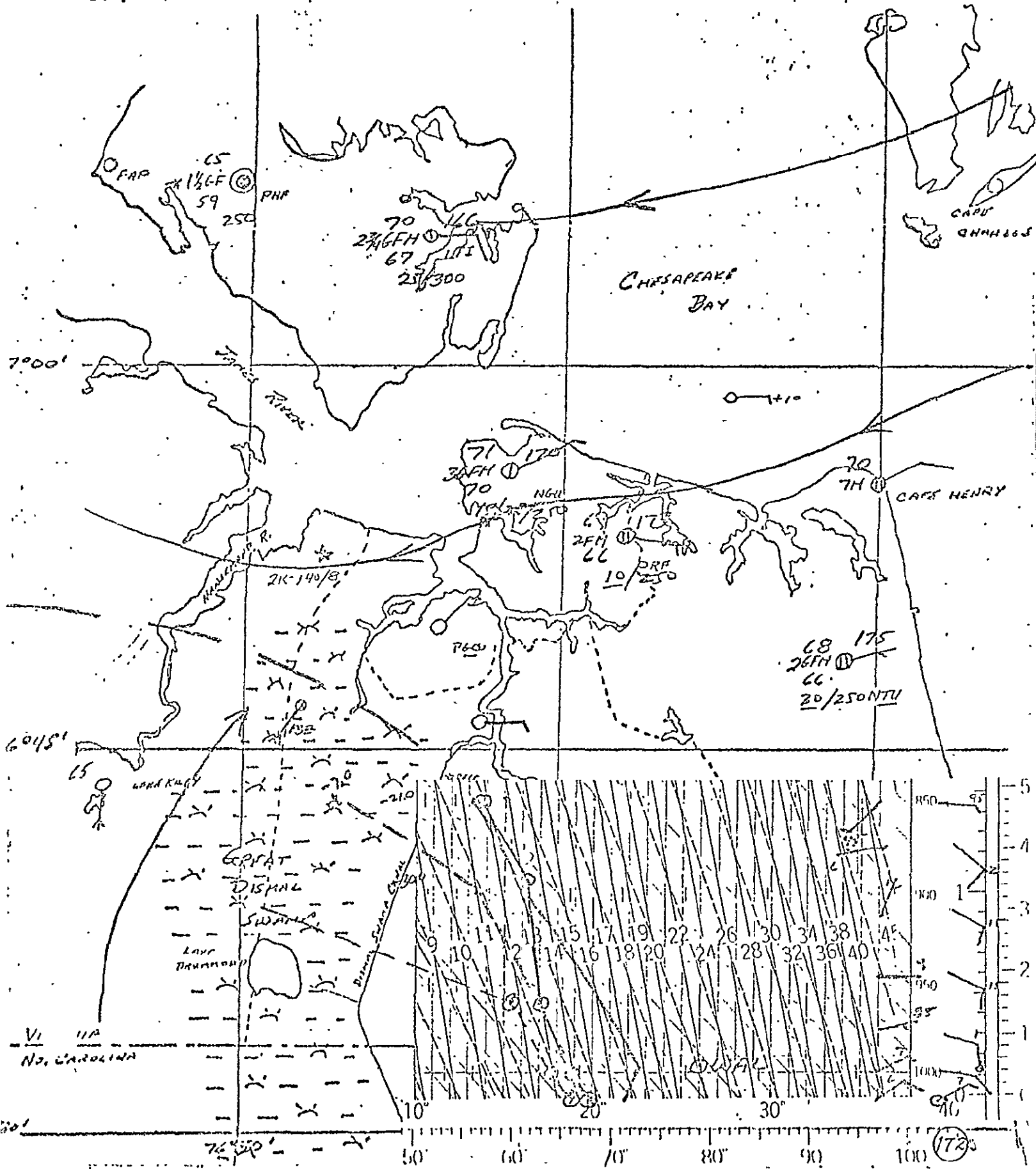


COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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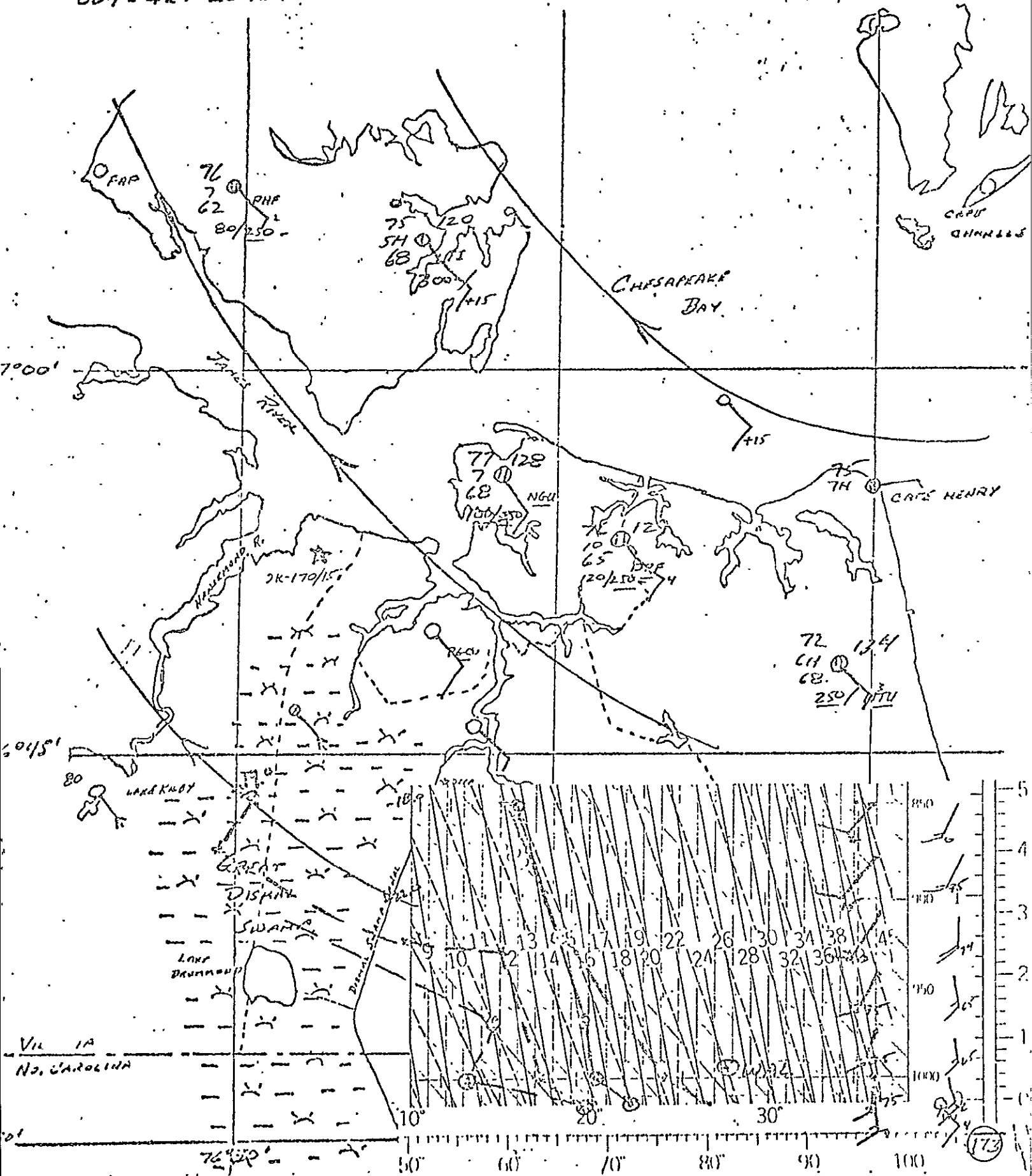
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NORFOLK, VIRGINIA 23502

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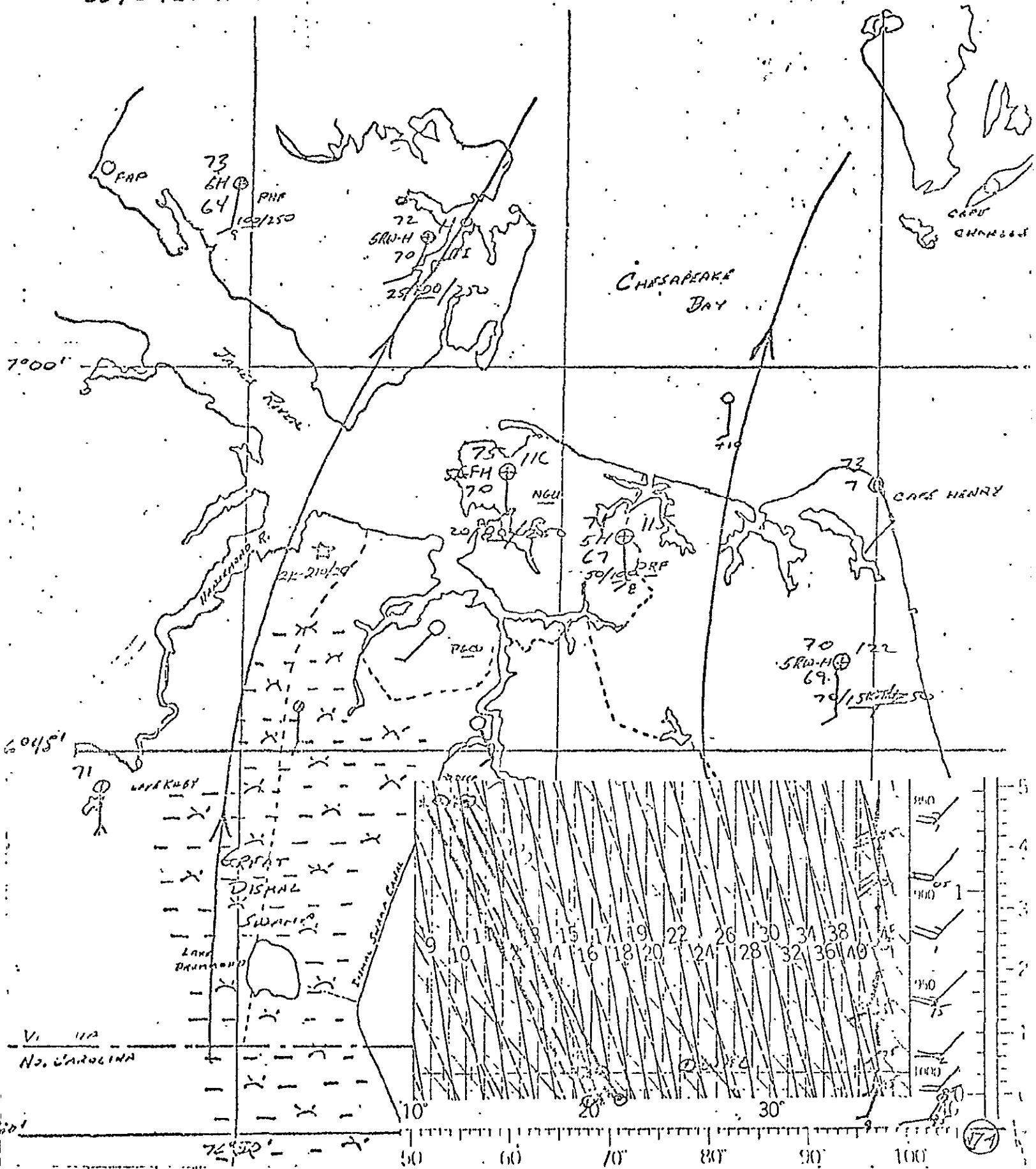
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COMMONWEALTH WEATHER SERVICE
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 NORFOLK, VIRGINIA 23502

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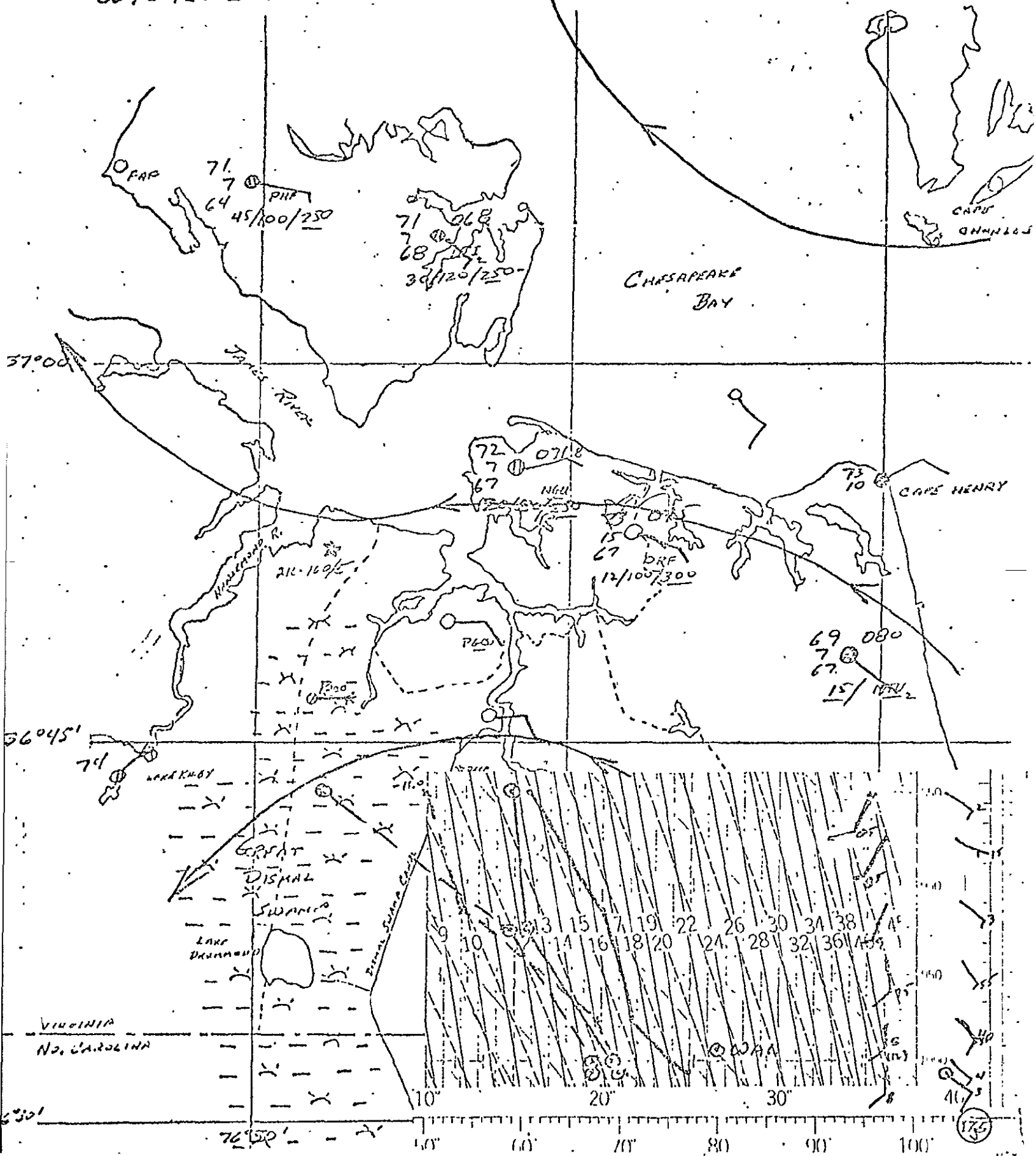


COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23302

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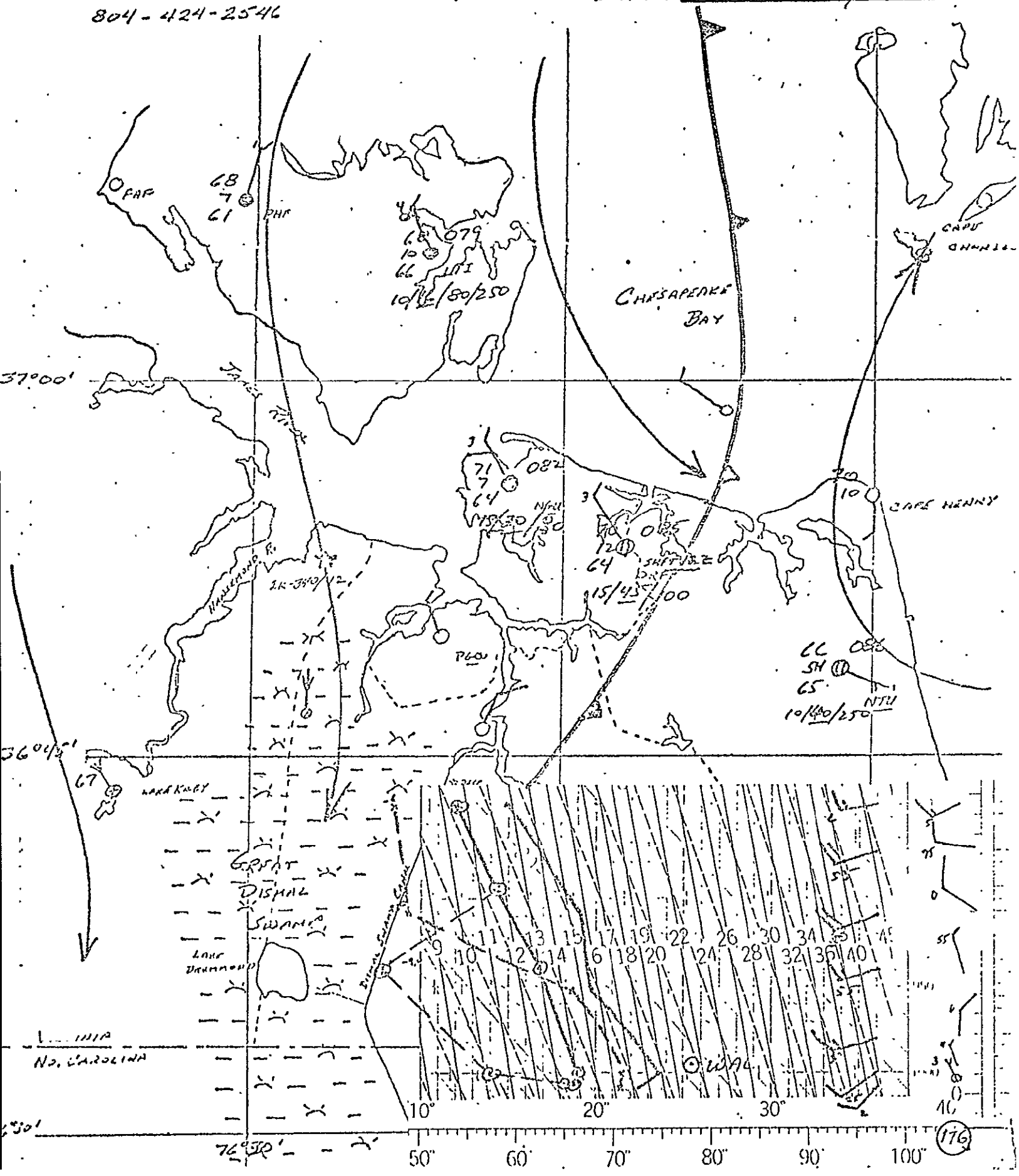
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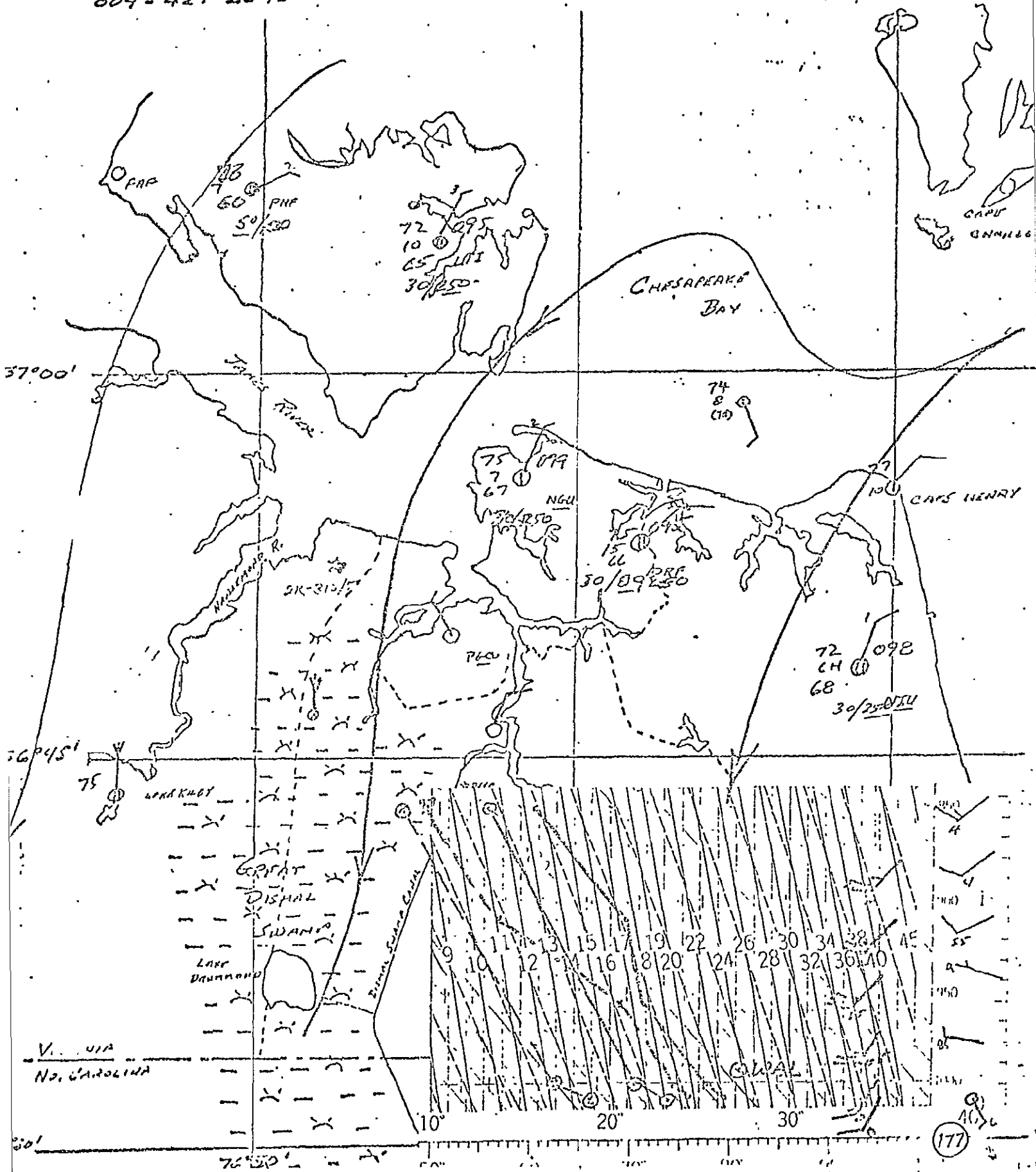


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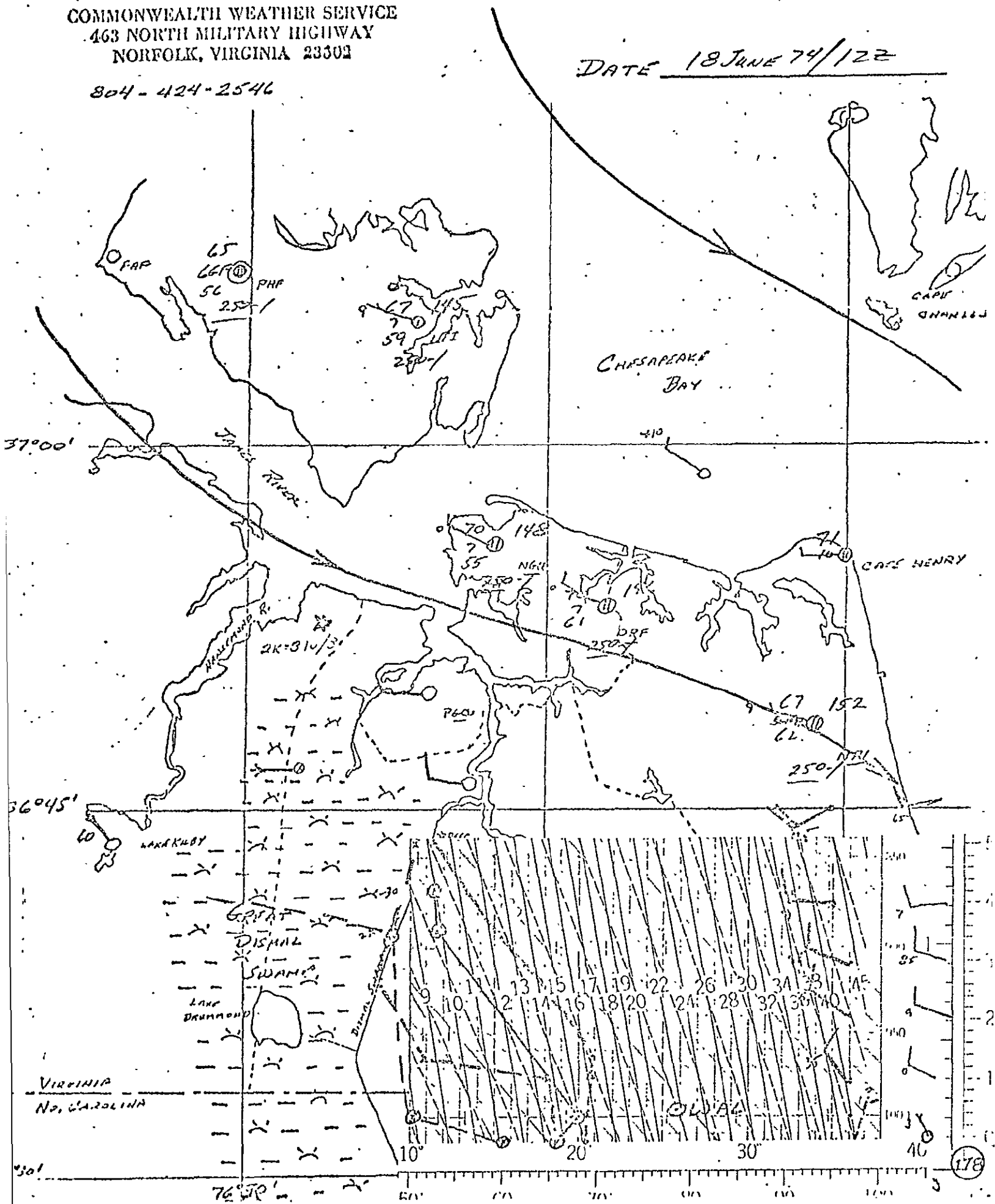
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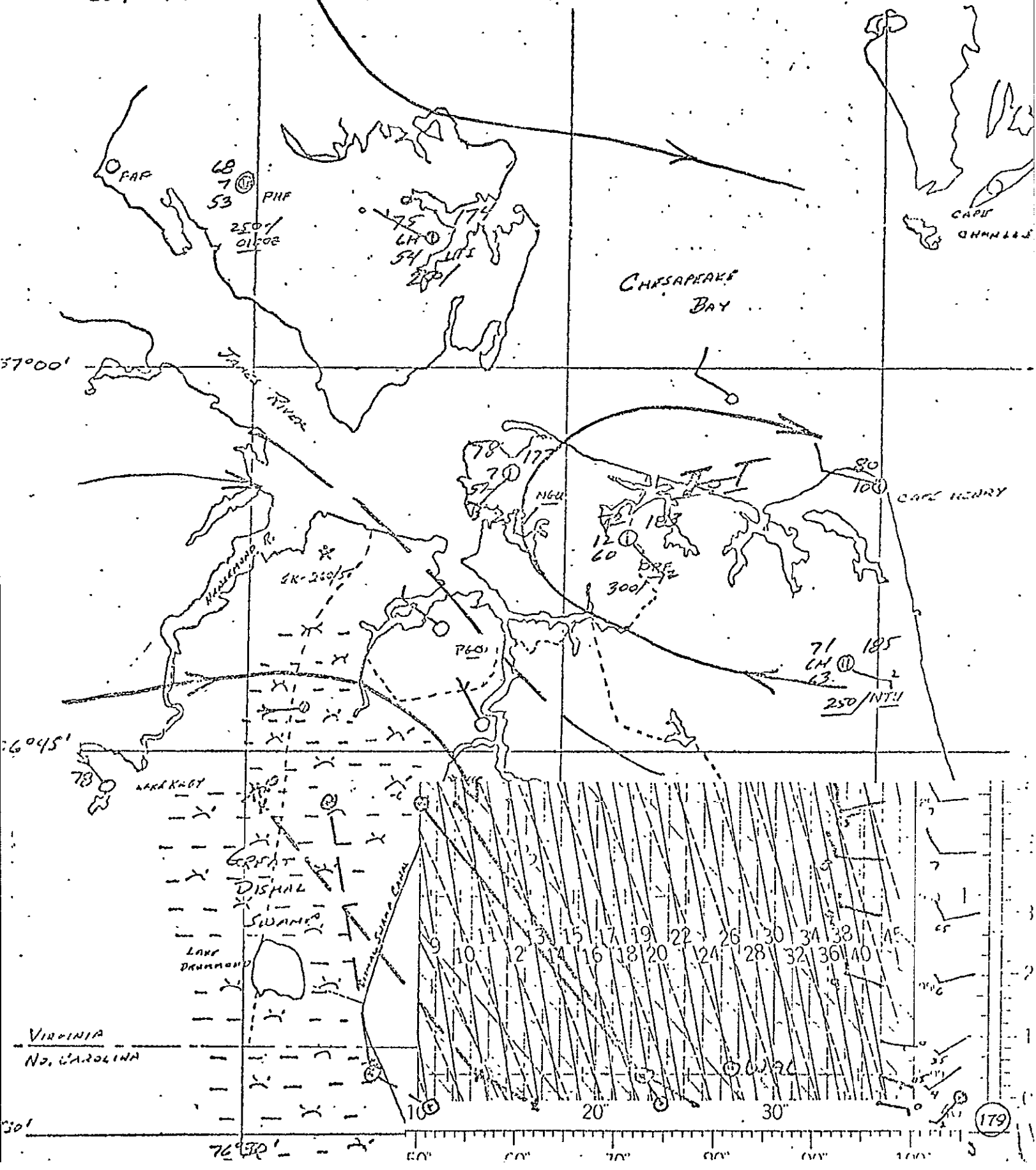


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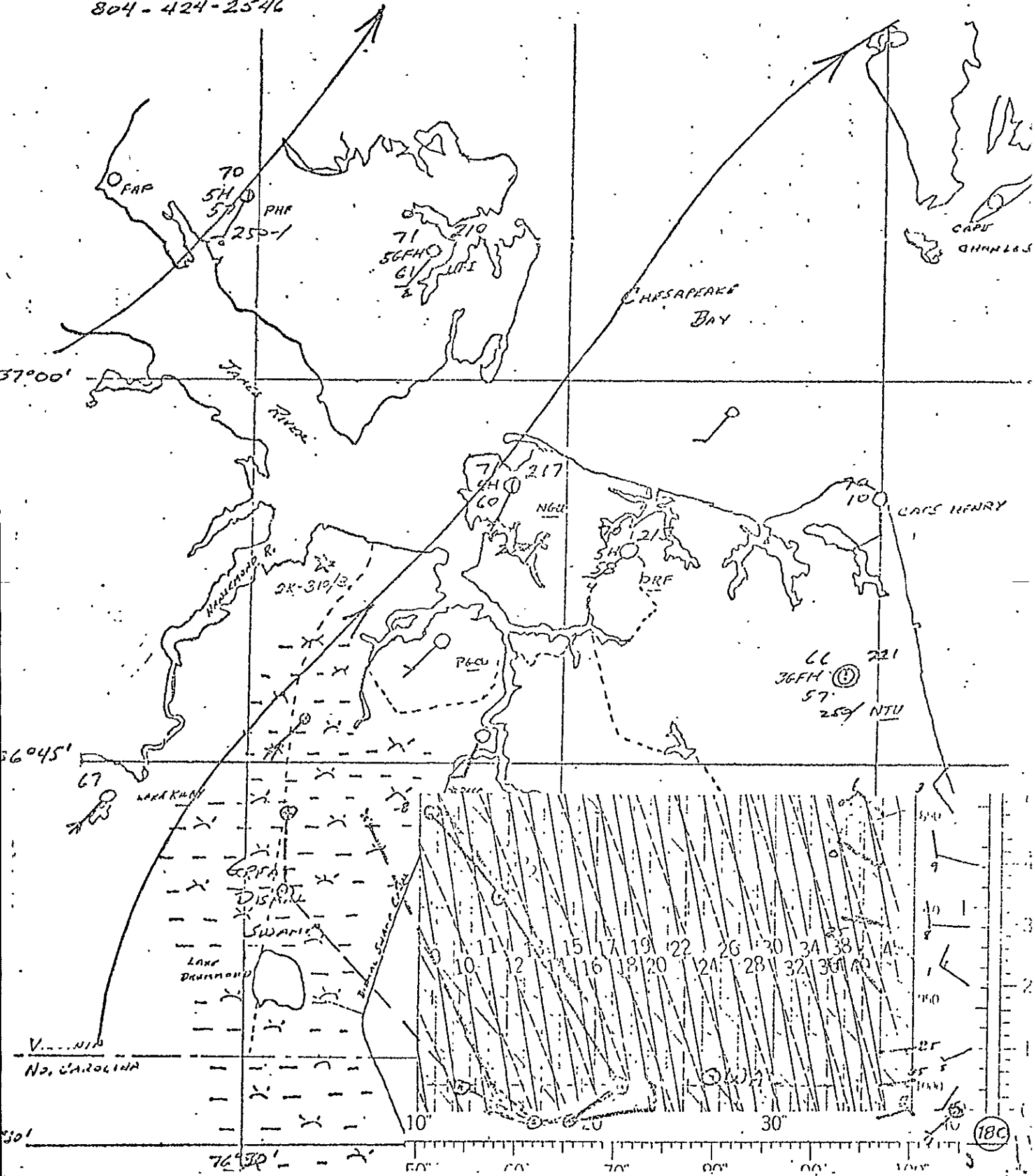
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NORFOLK, VIRGINIA 23502

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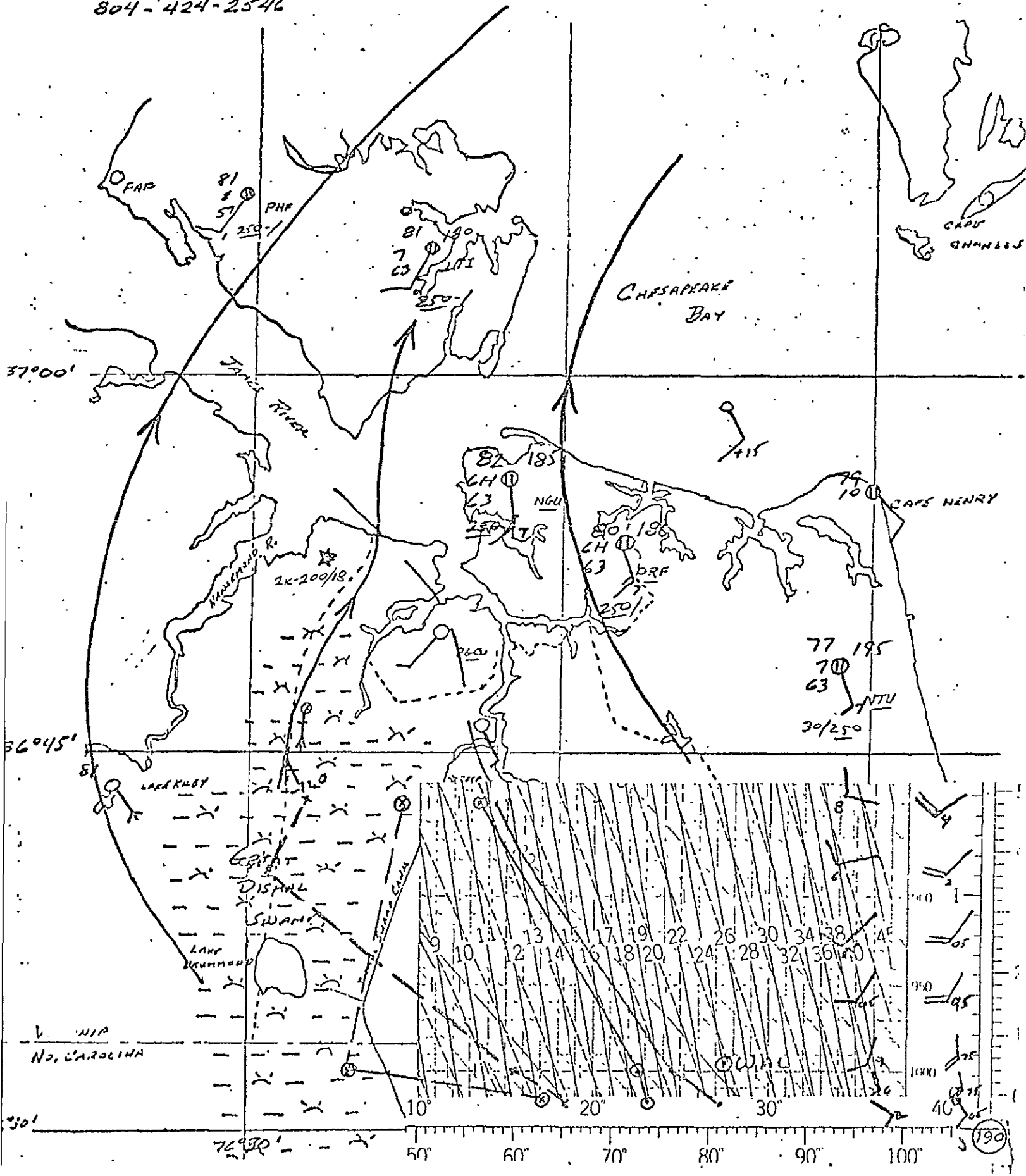


COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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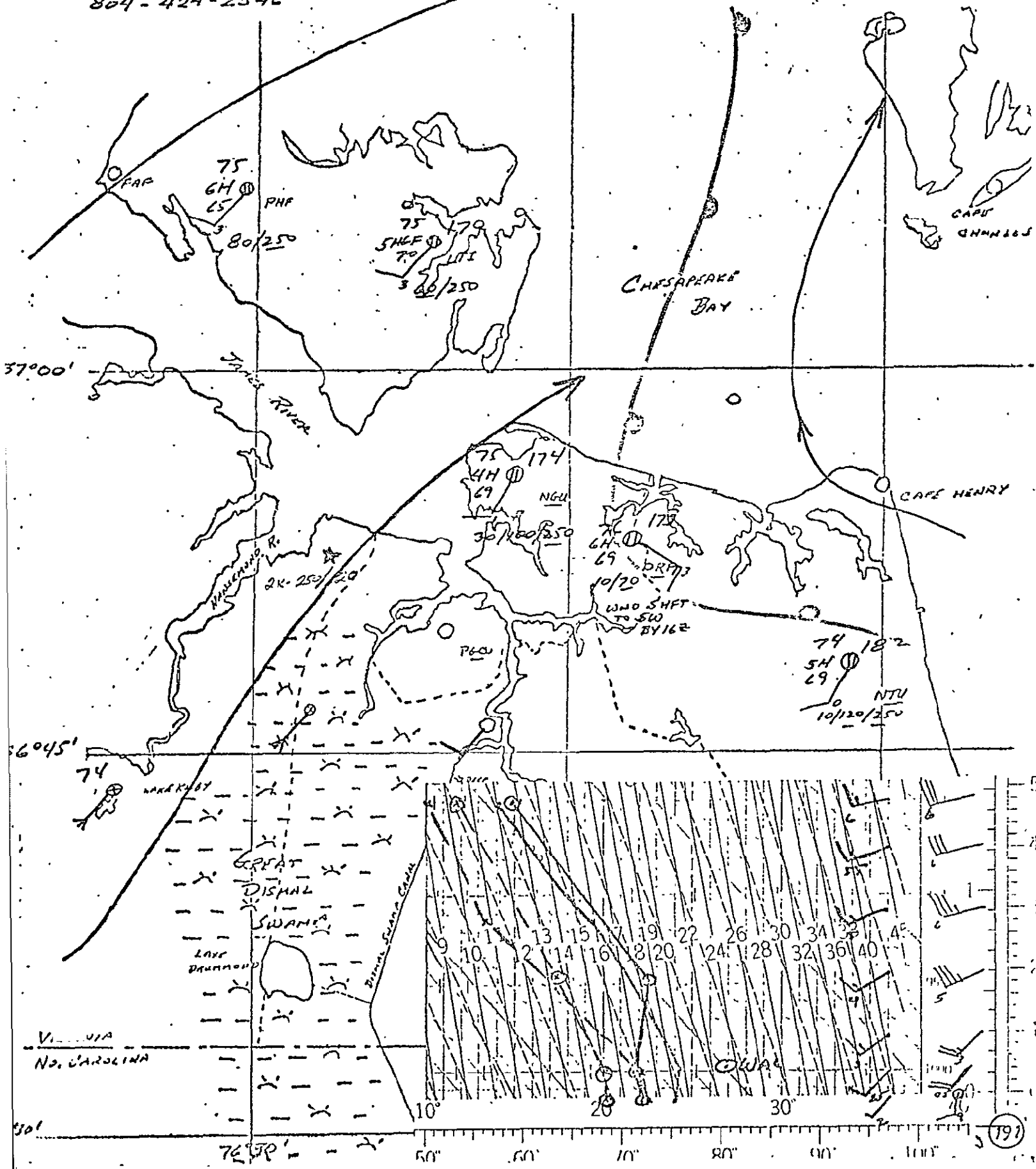
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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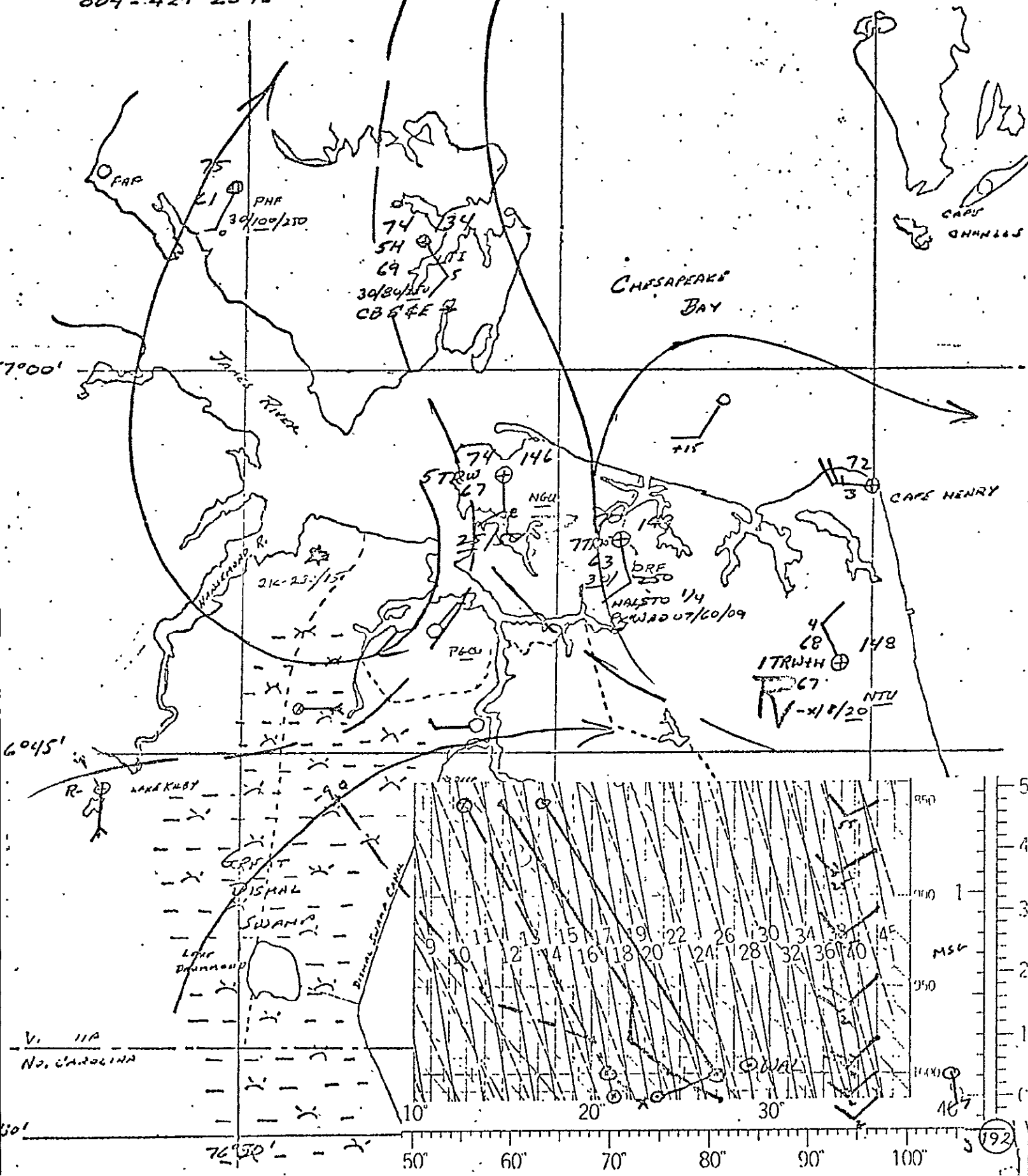


COMMONWEALTH WEATHER SERVICE
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 NORFOLK, VIRGINIA 23502

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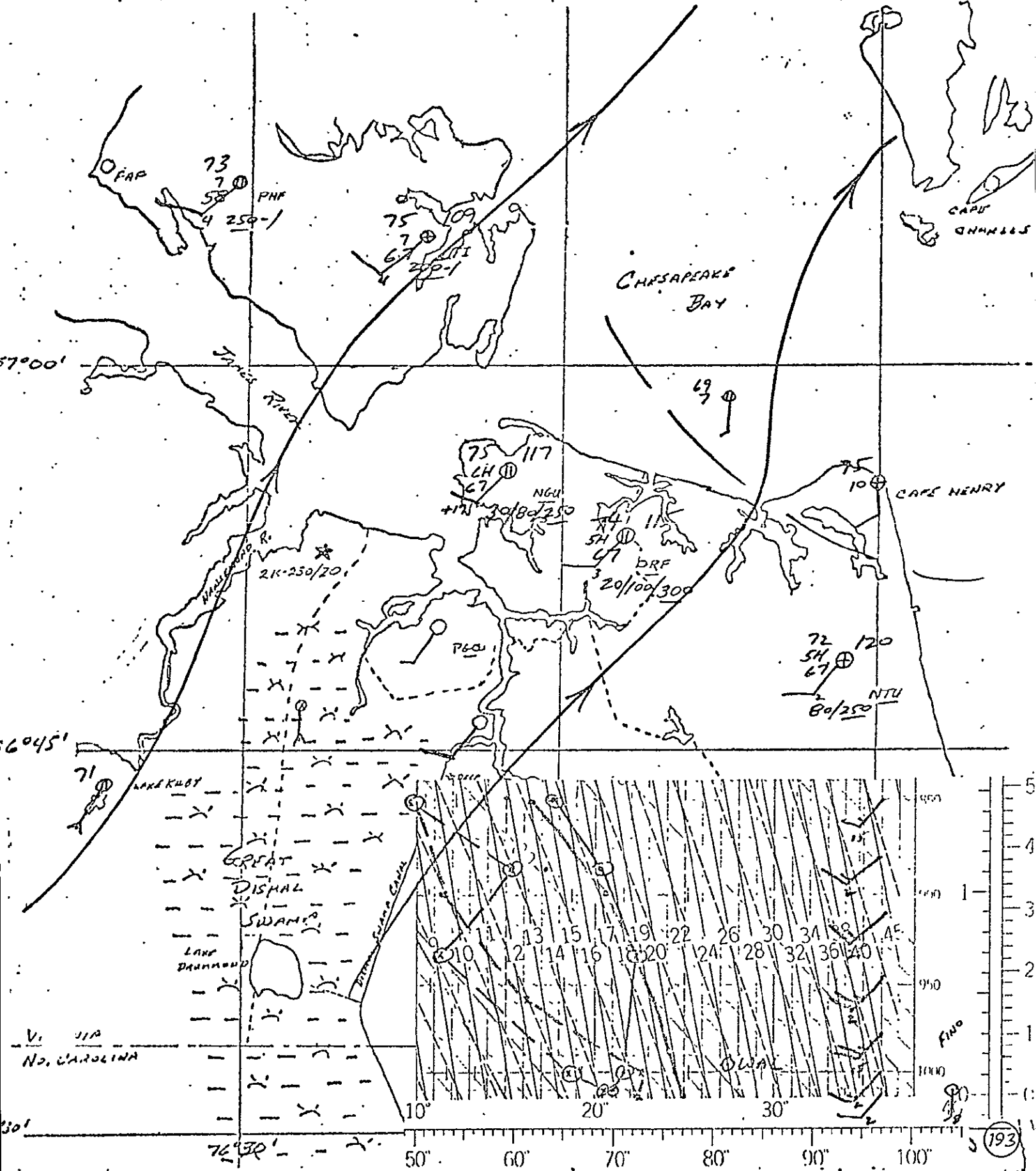
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COMMONWEALTH WEATHER SERVICE
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 NORFOLK, VIRGINIA 23502

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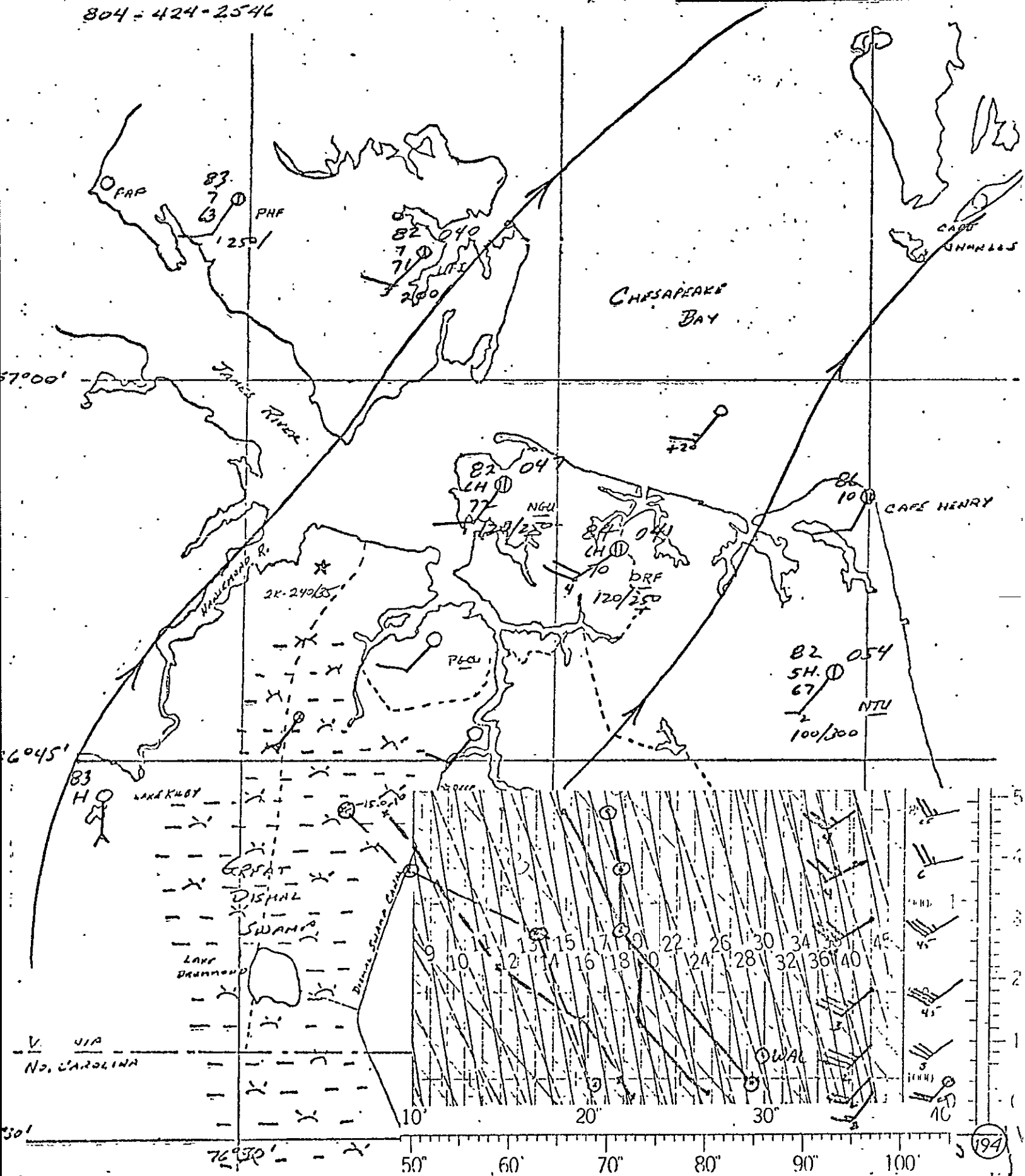
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23503

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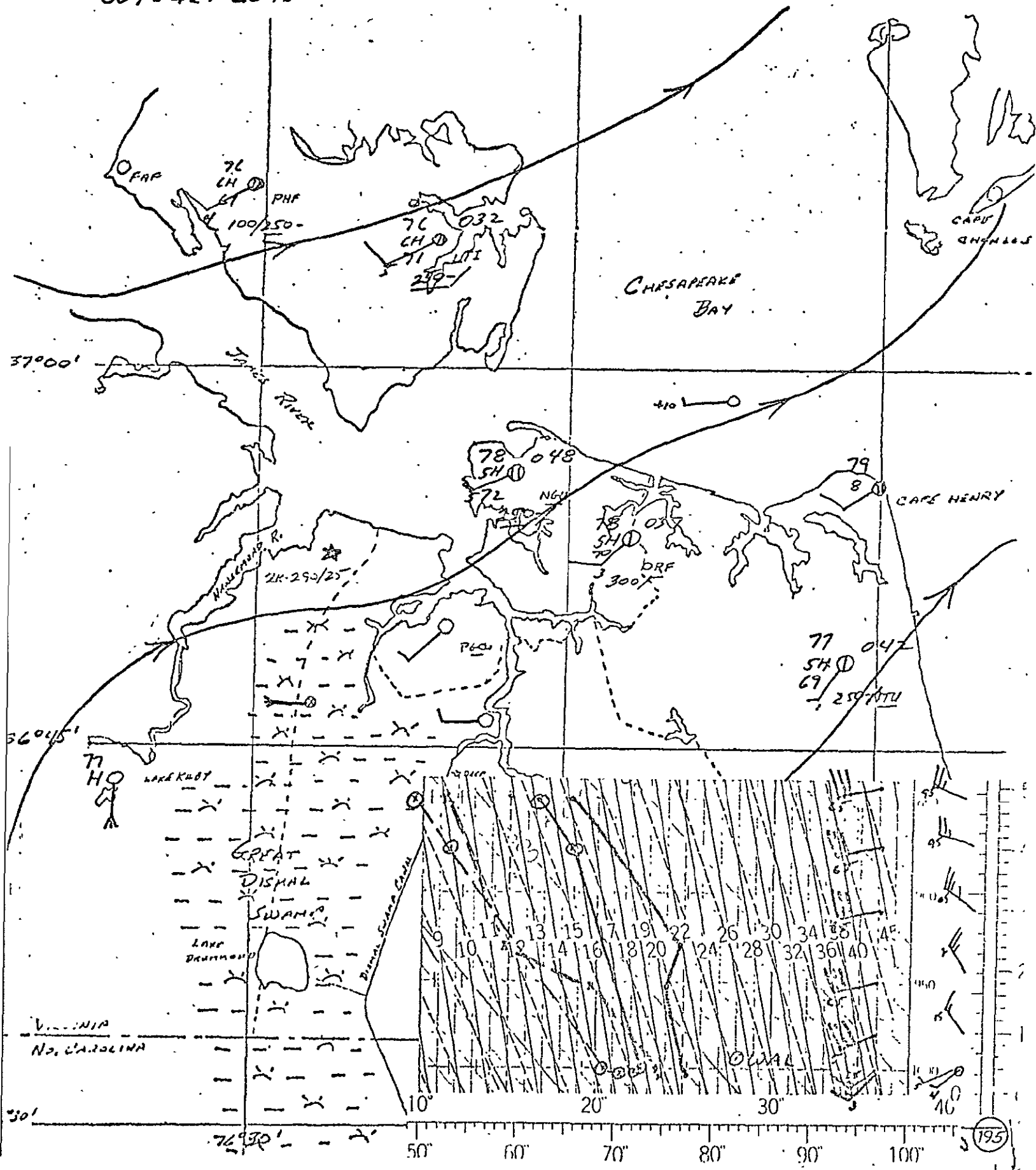
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COMMONWEALTH WEATHER SERVICE
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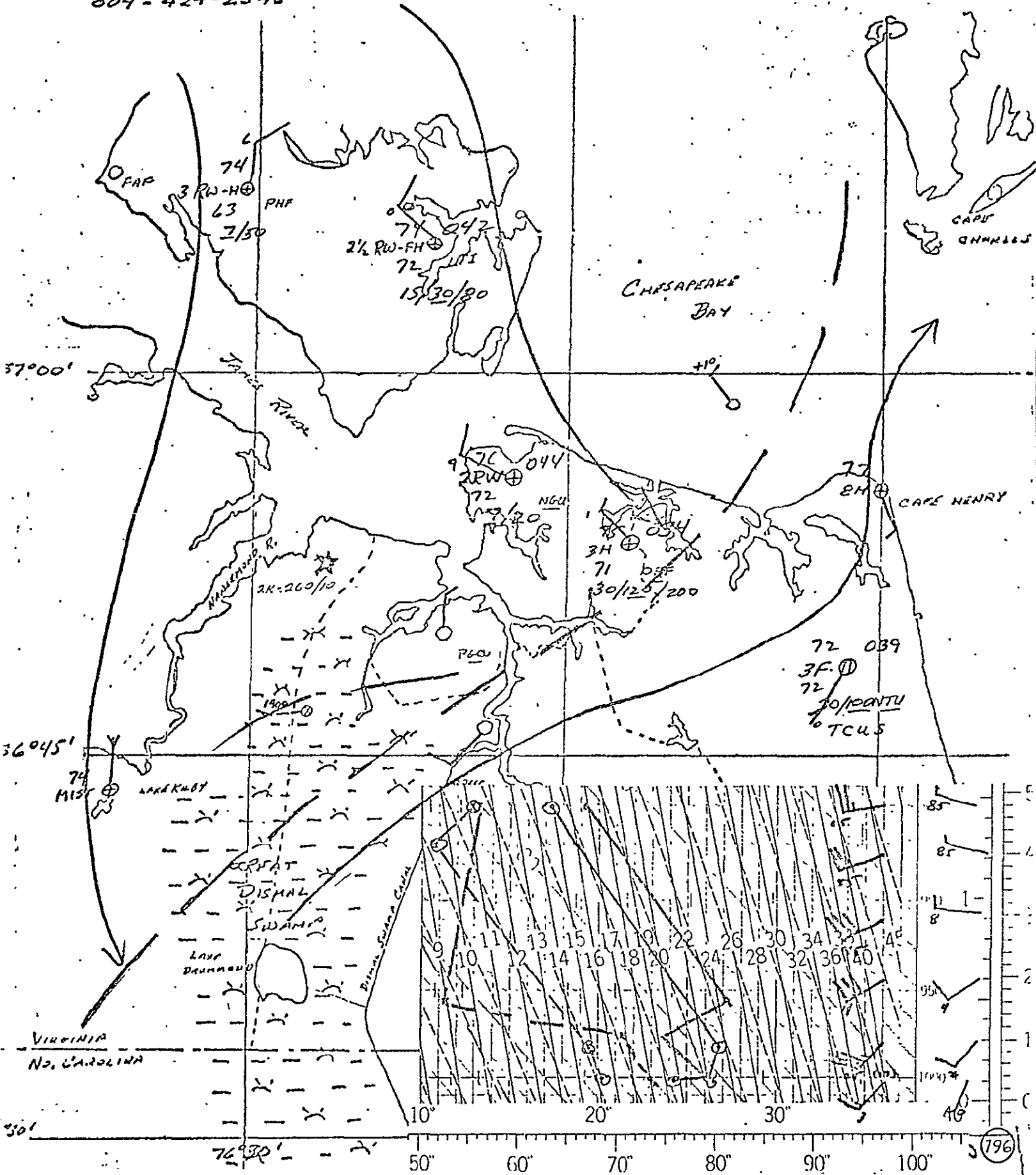
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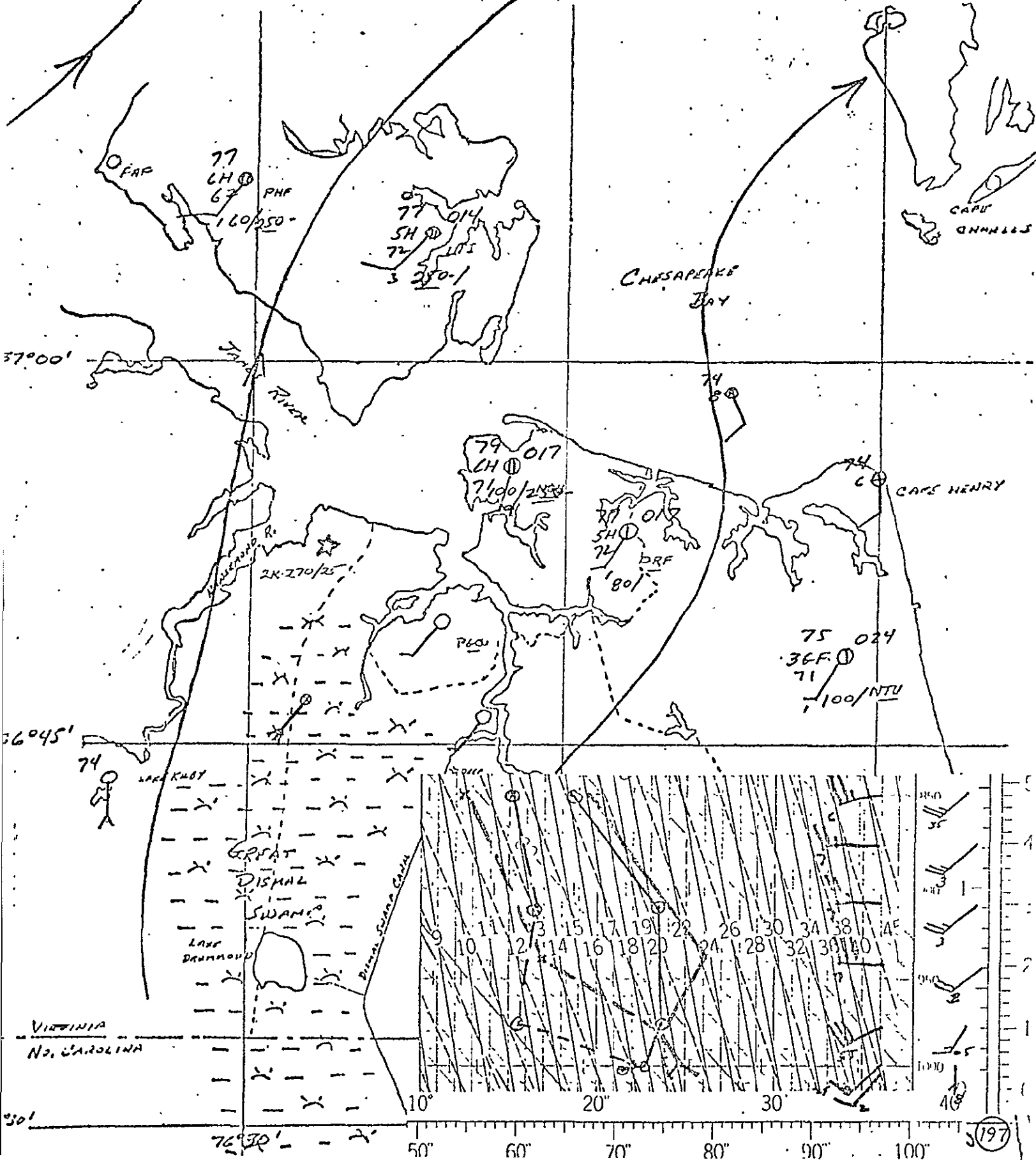


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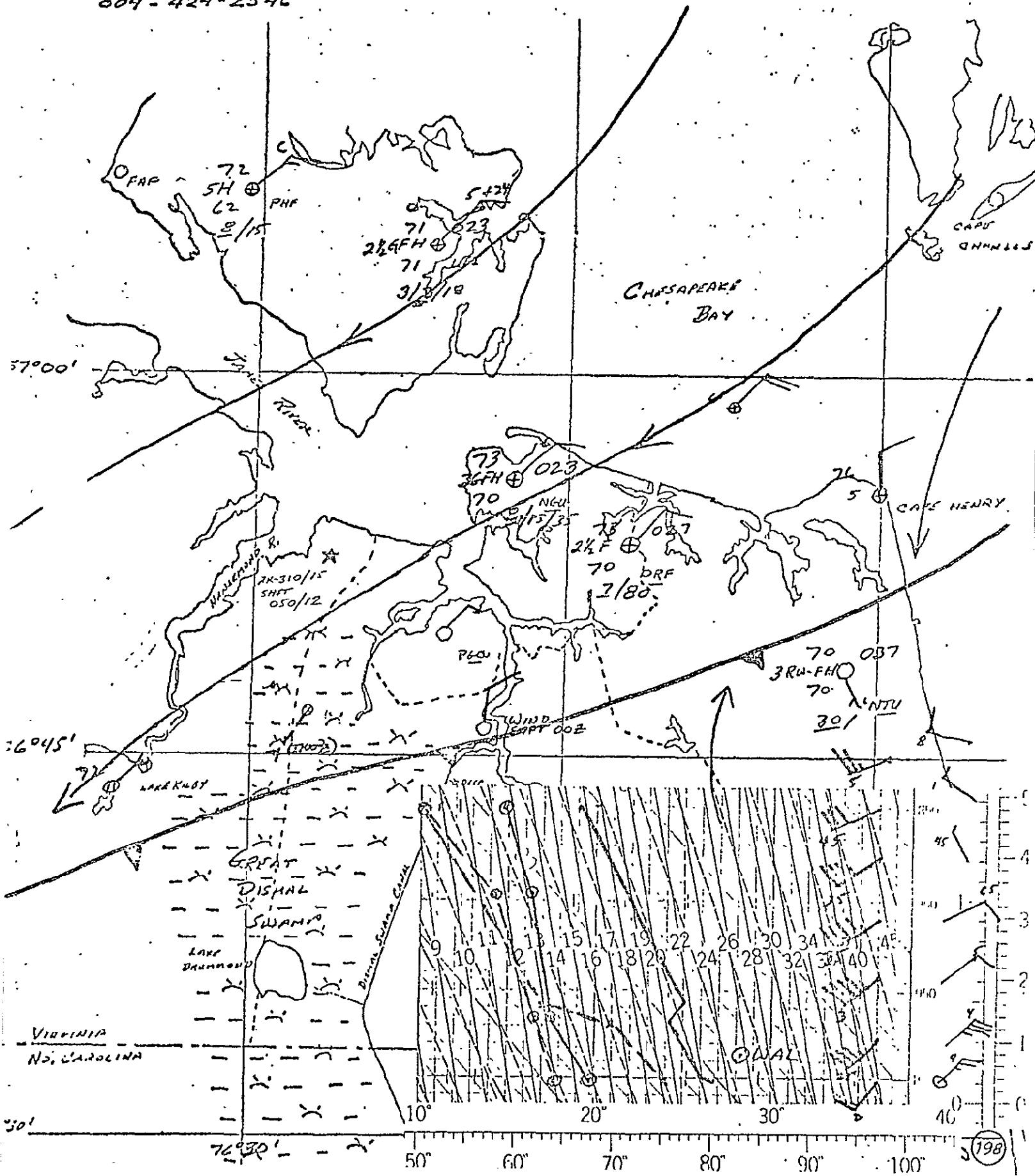
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COMMONWEALTH WEATHER SERVICE
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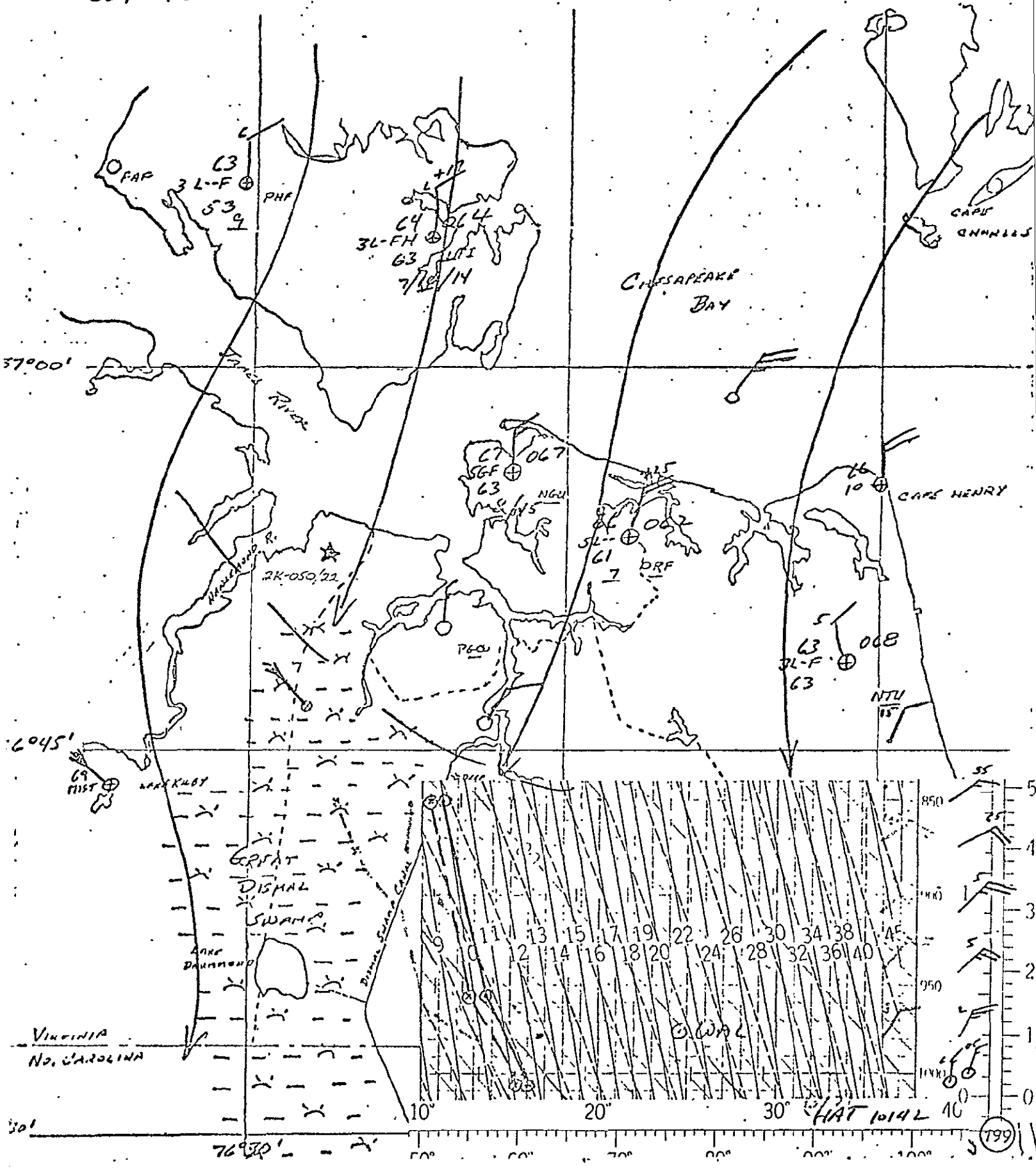
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 NORFOLK, VIRGINIA 23304

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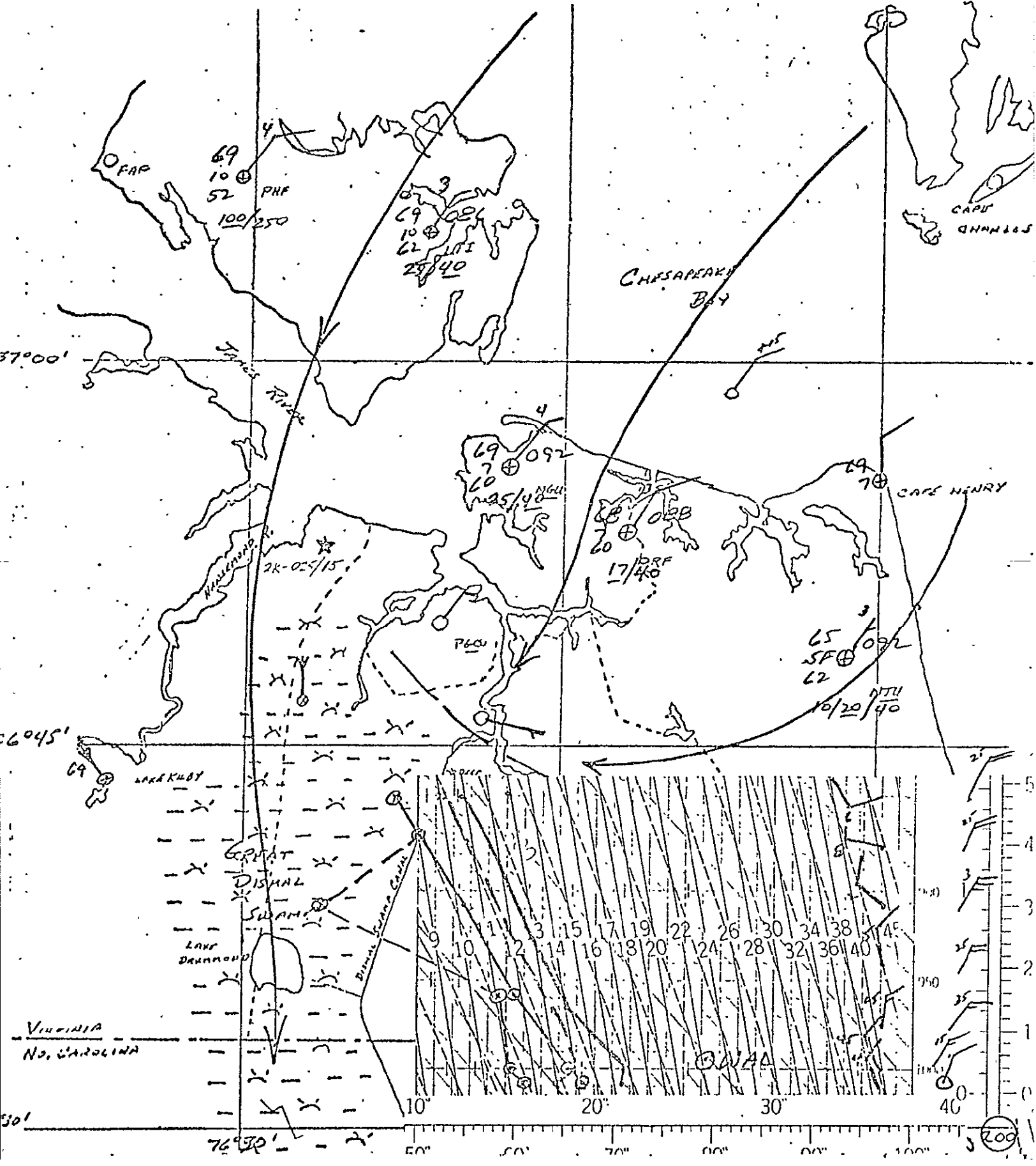


COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23503

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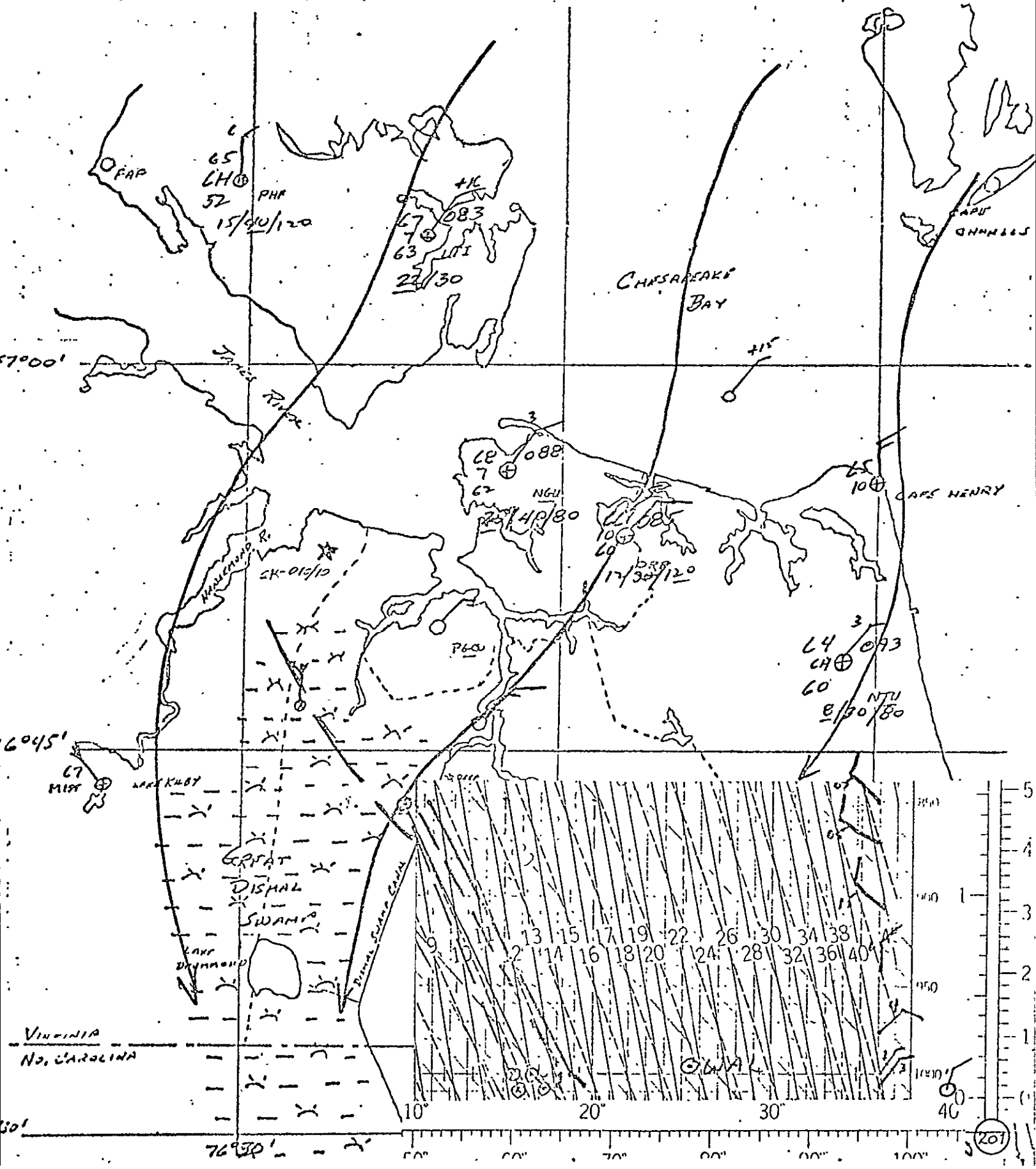
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COMMONWEALTH WEATHER SERVICE
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 NORFOLK, VIRGINIA 23502

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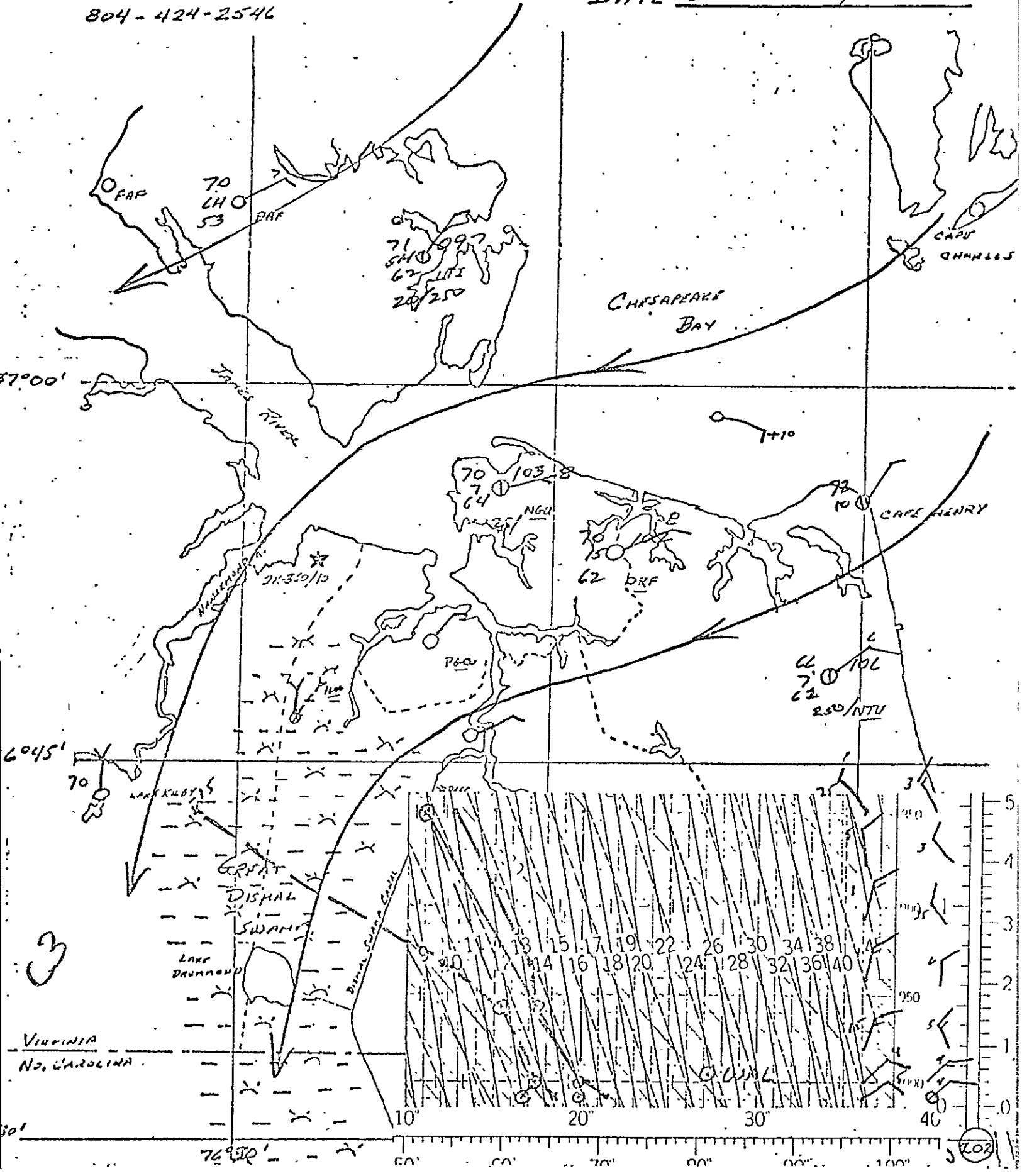
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NORFOLK, VIRGINIA 23502

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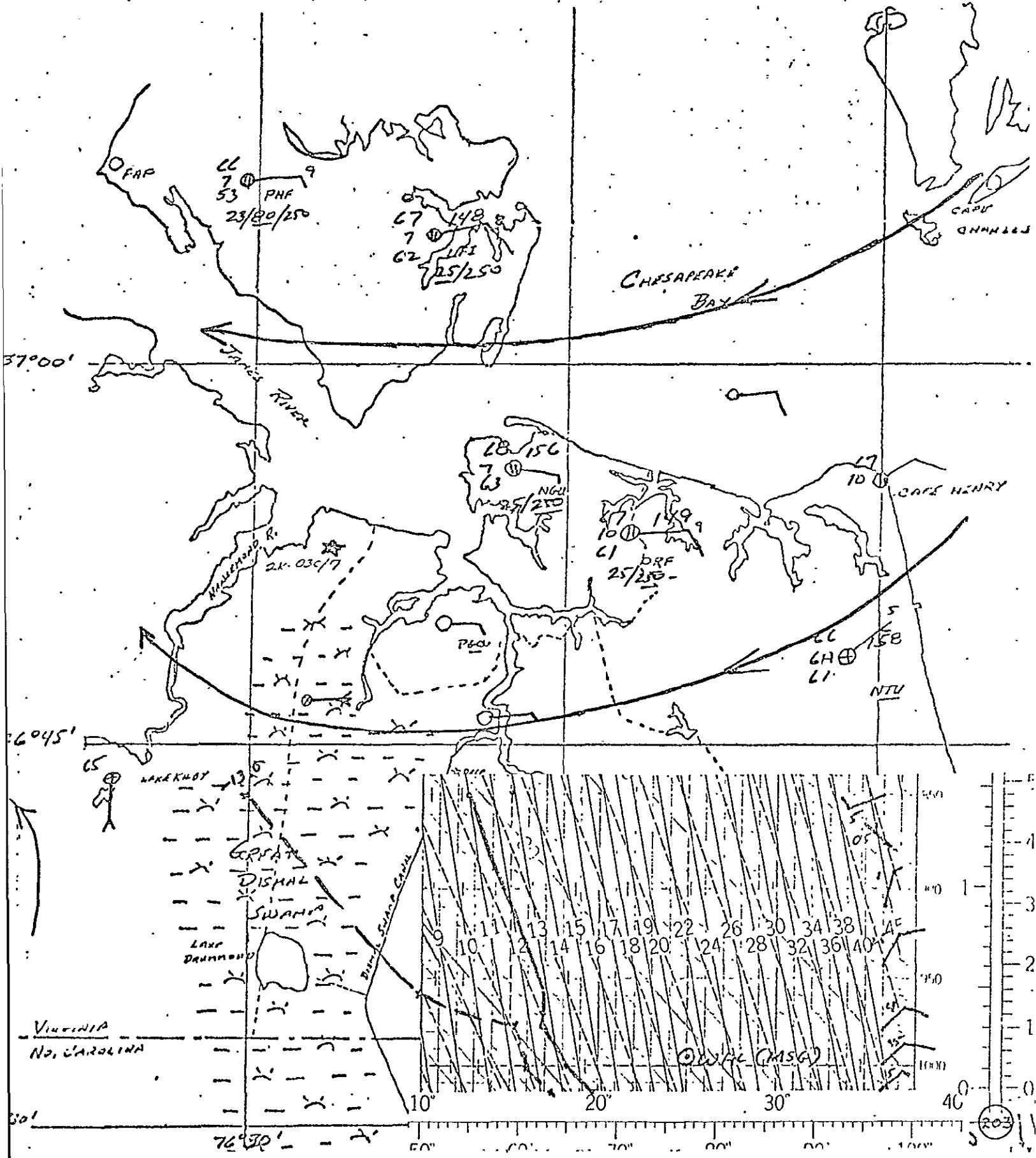
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COMMONWEALTH WEATHER SERVICE
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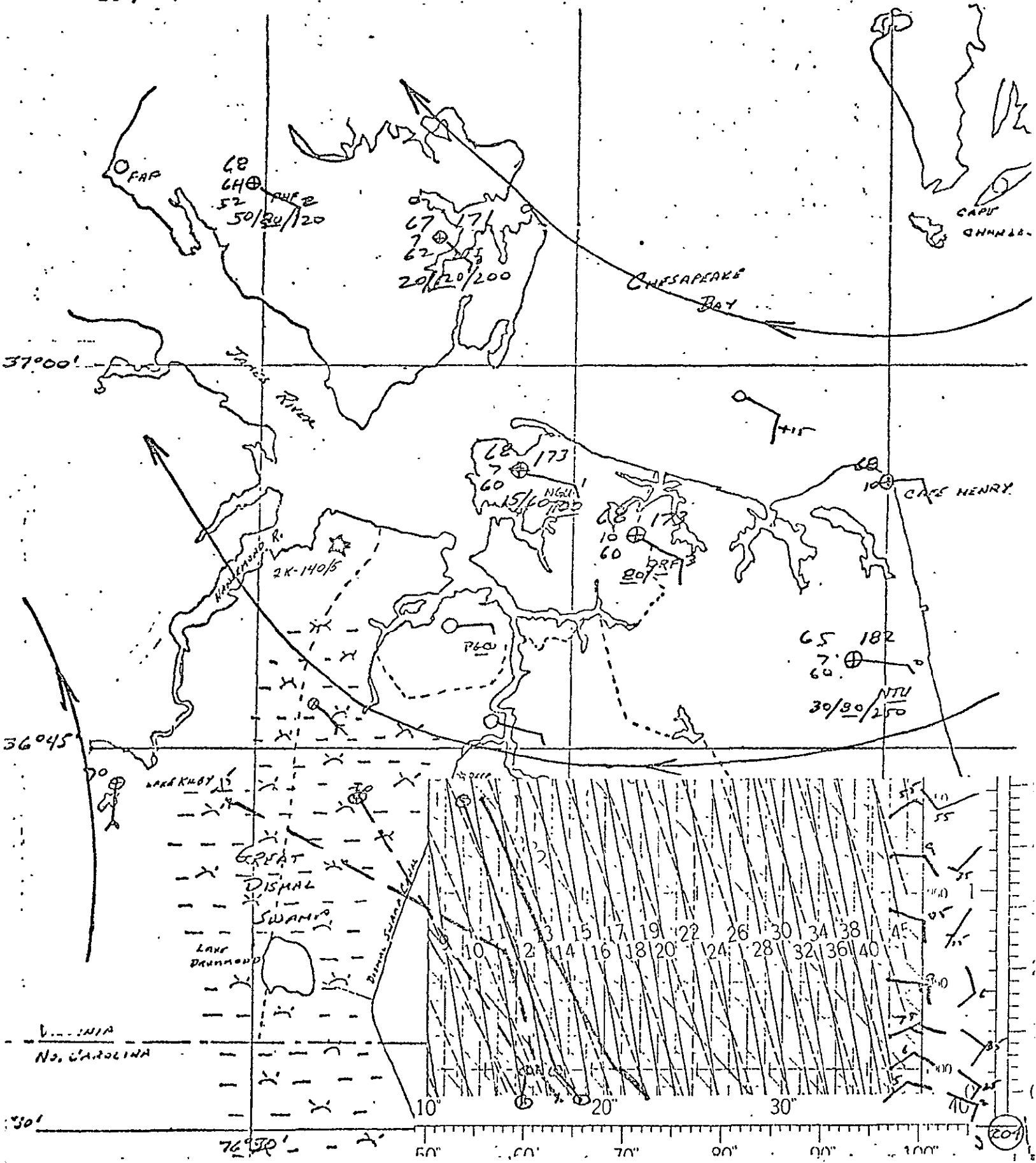


COMMONWEALTH WEATHER SERVICE
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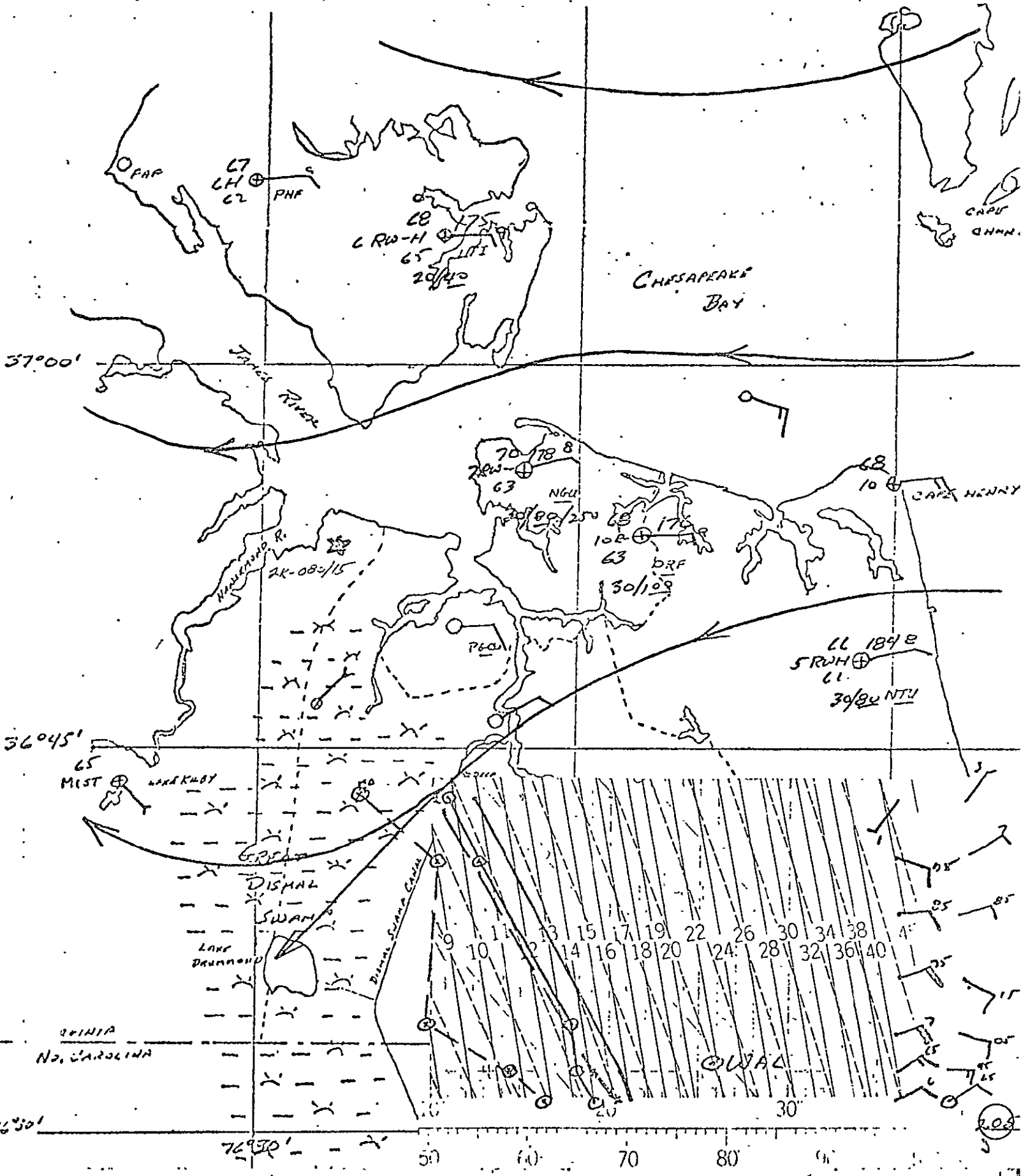
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23302

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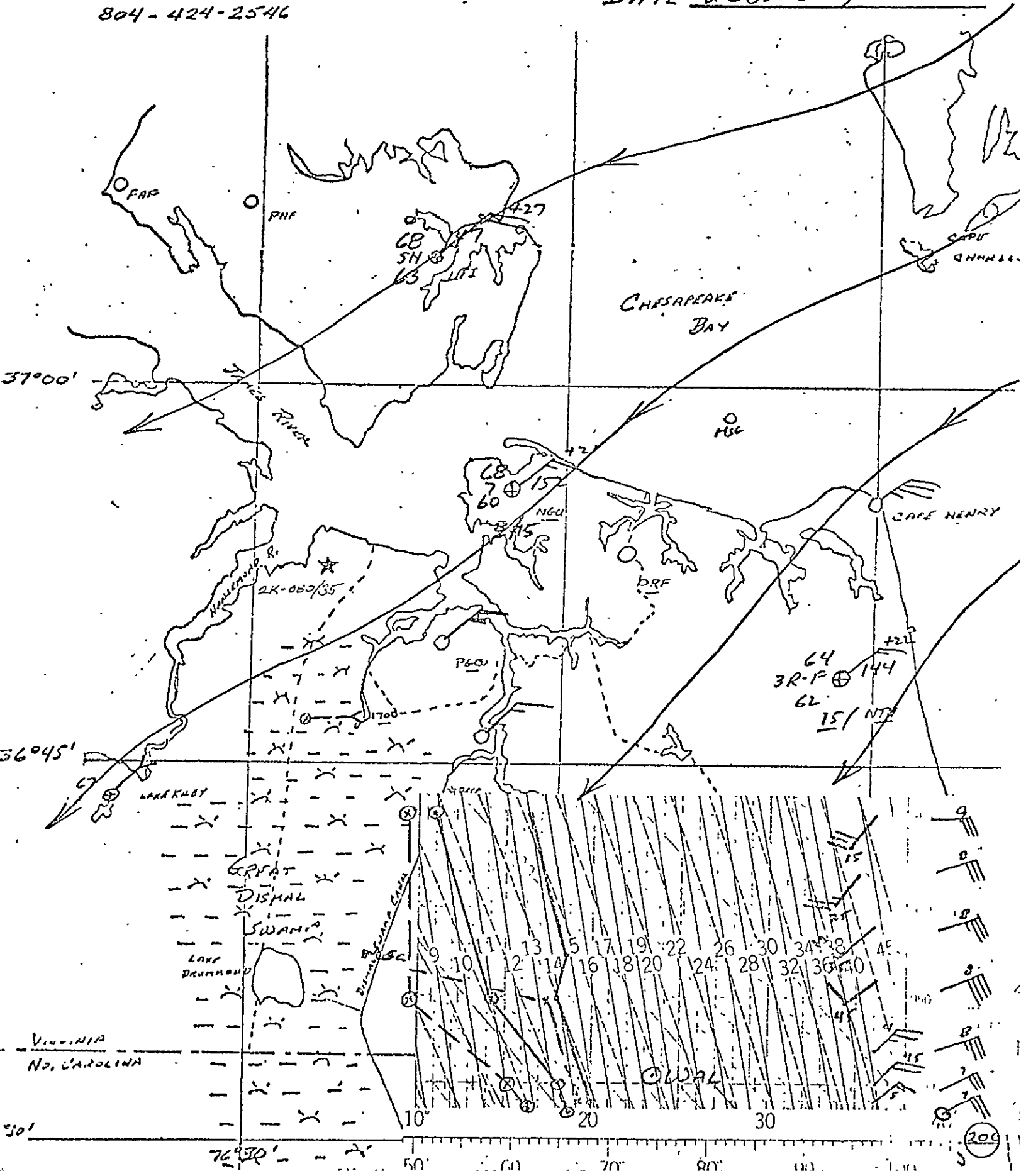
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23302

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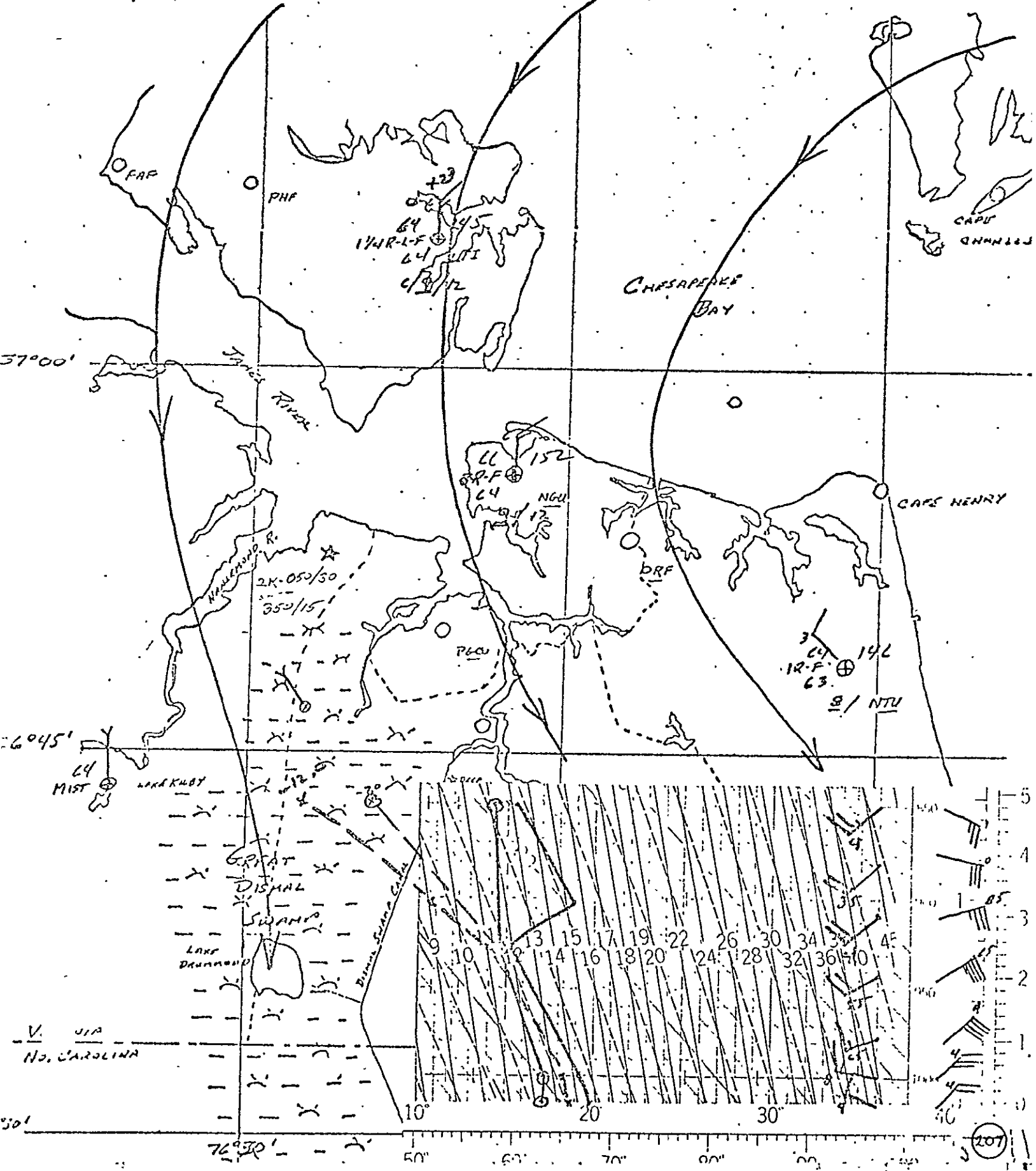


COMMONWEALTH WEATHER SERVICE
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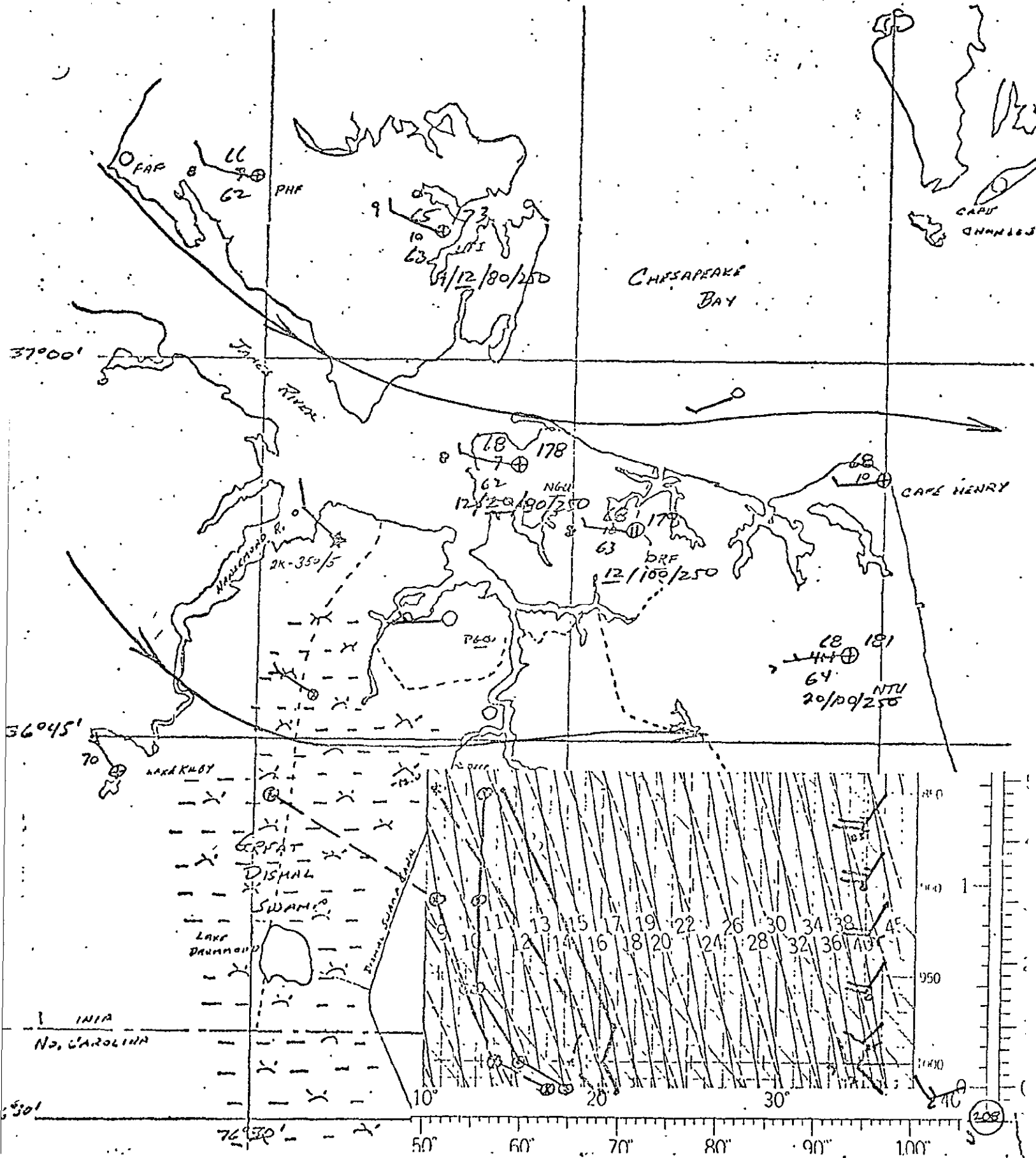
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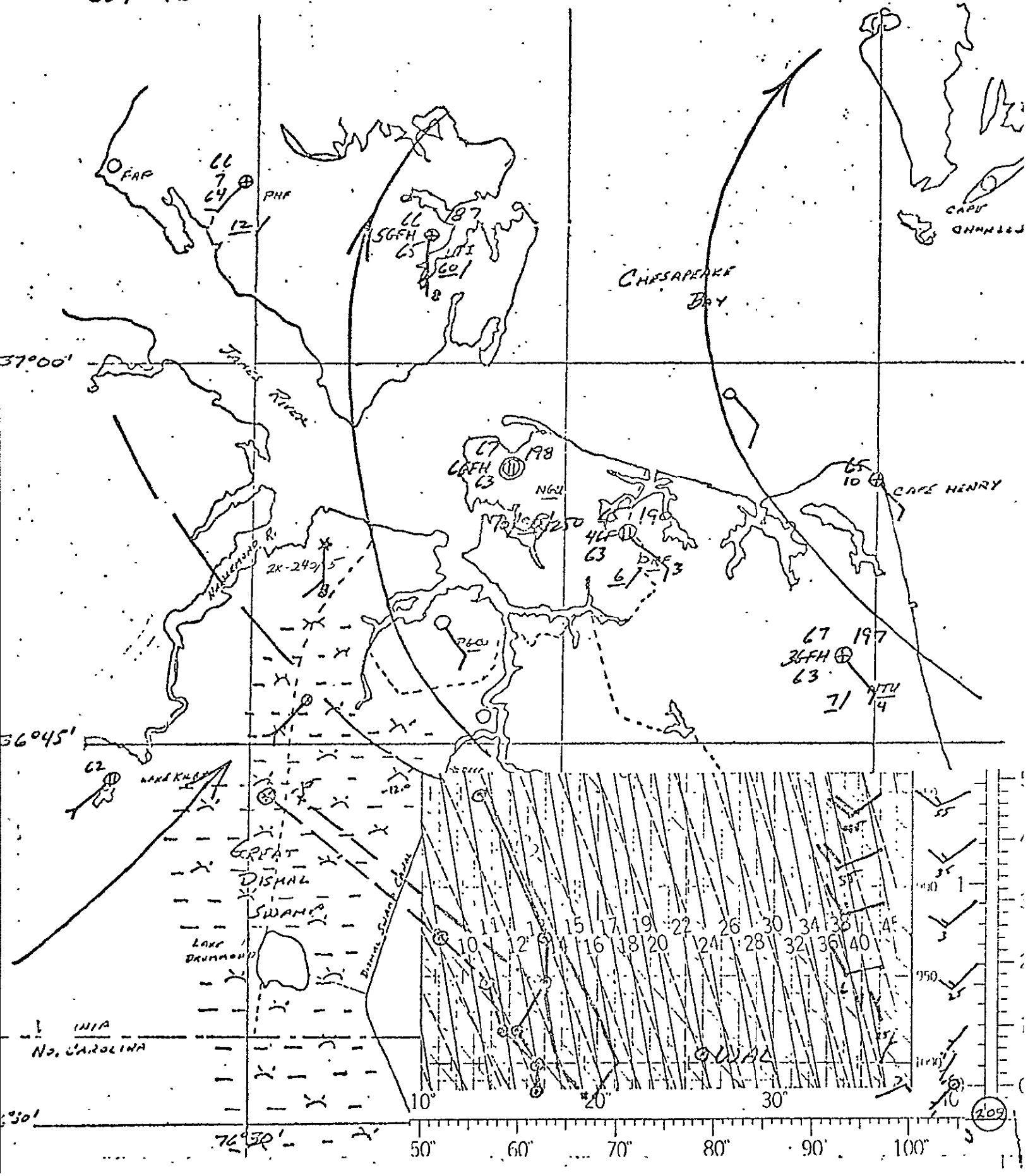
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NORFOLK, VIRGINIA 23502

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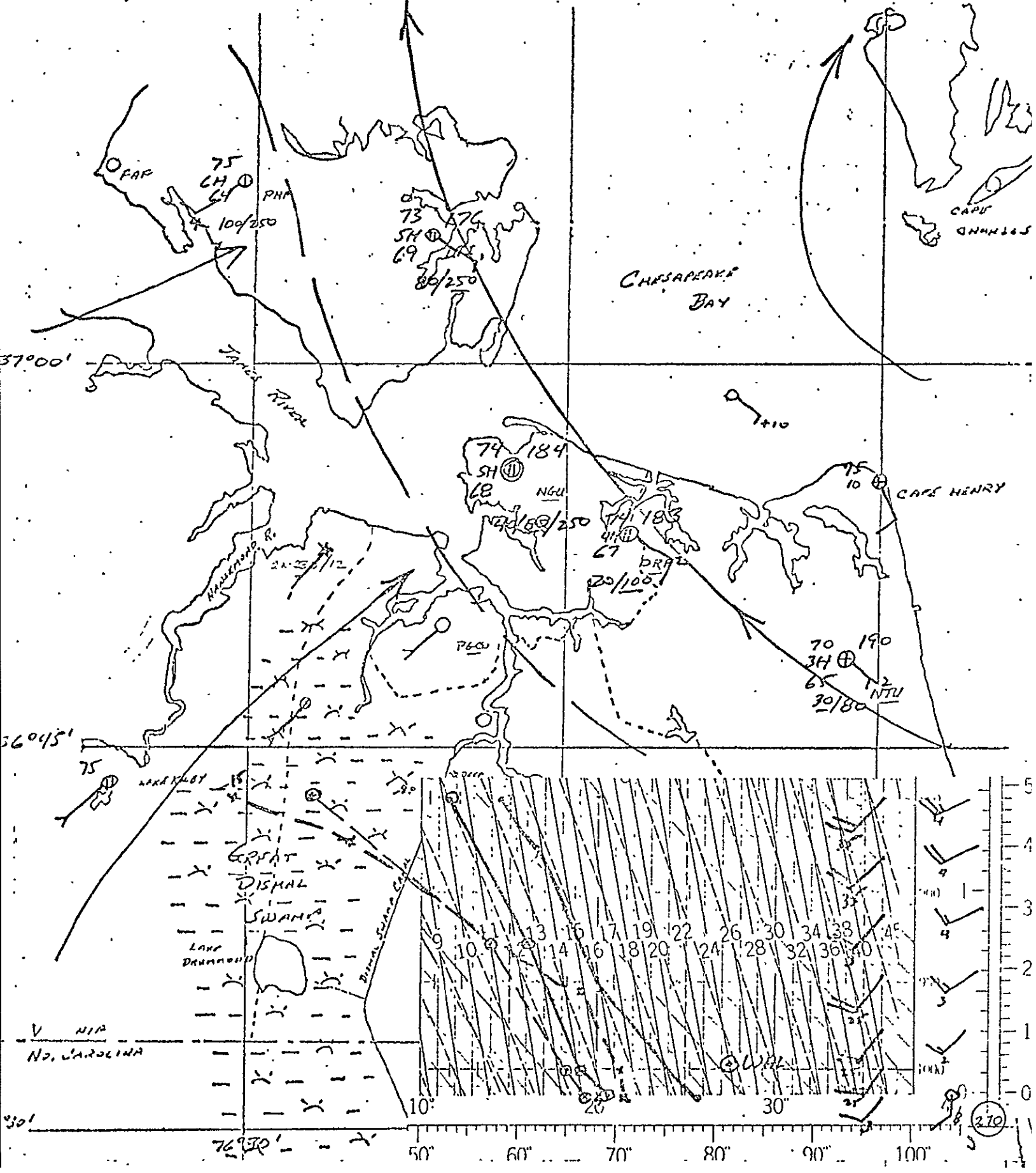


COMMONWEALTH WEATHER SERVICE
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 NORFOLK, VIRGINIA 23302

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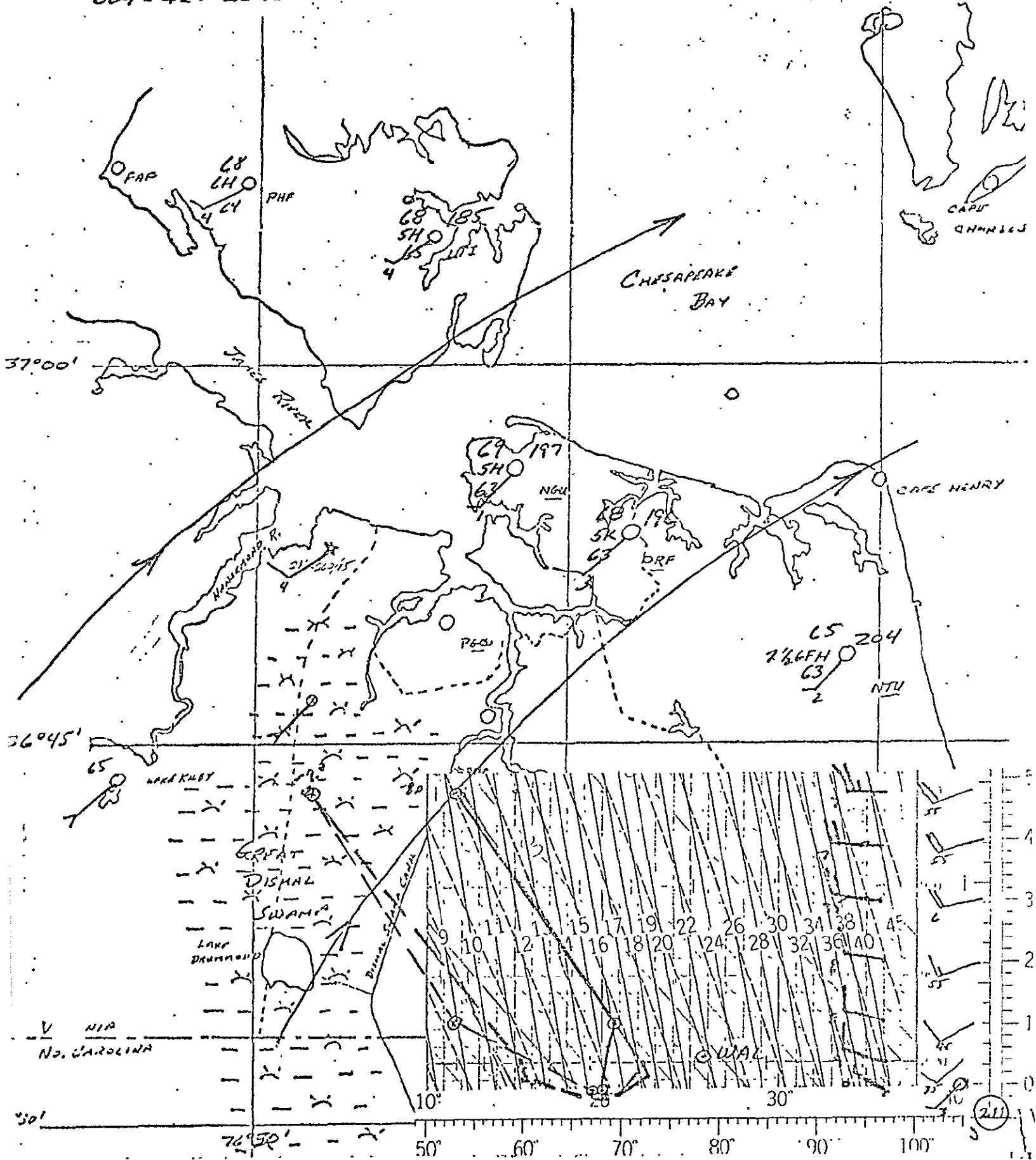
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NORFOLK, VIRGINIA 23509

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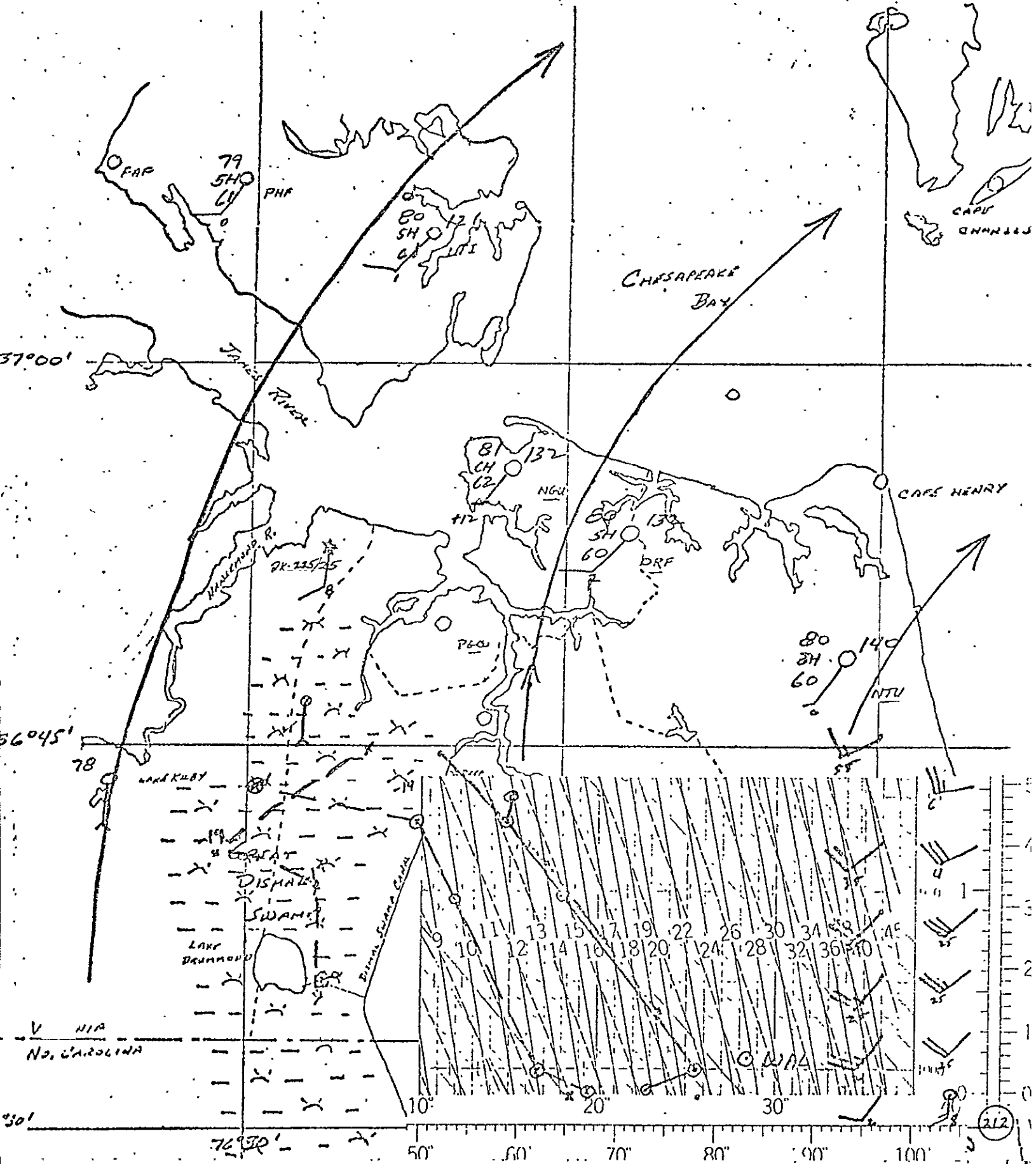
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23302

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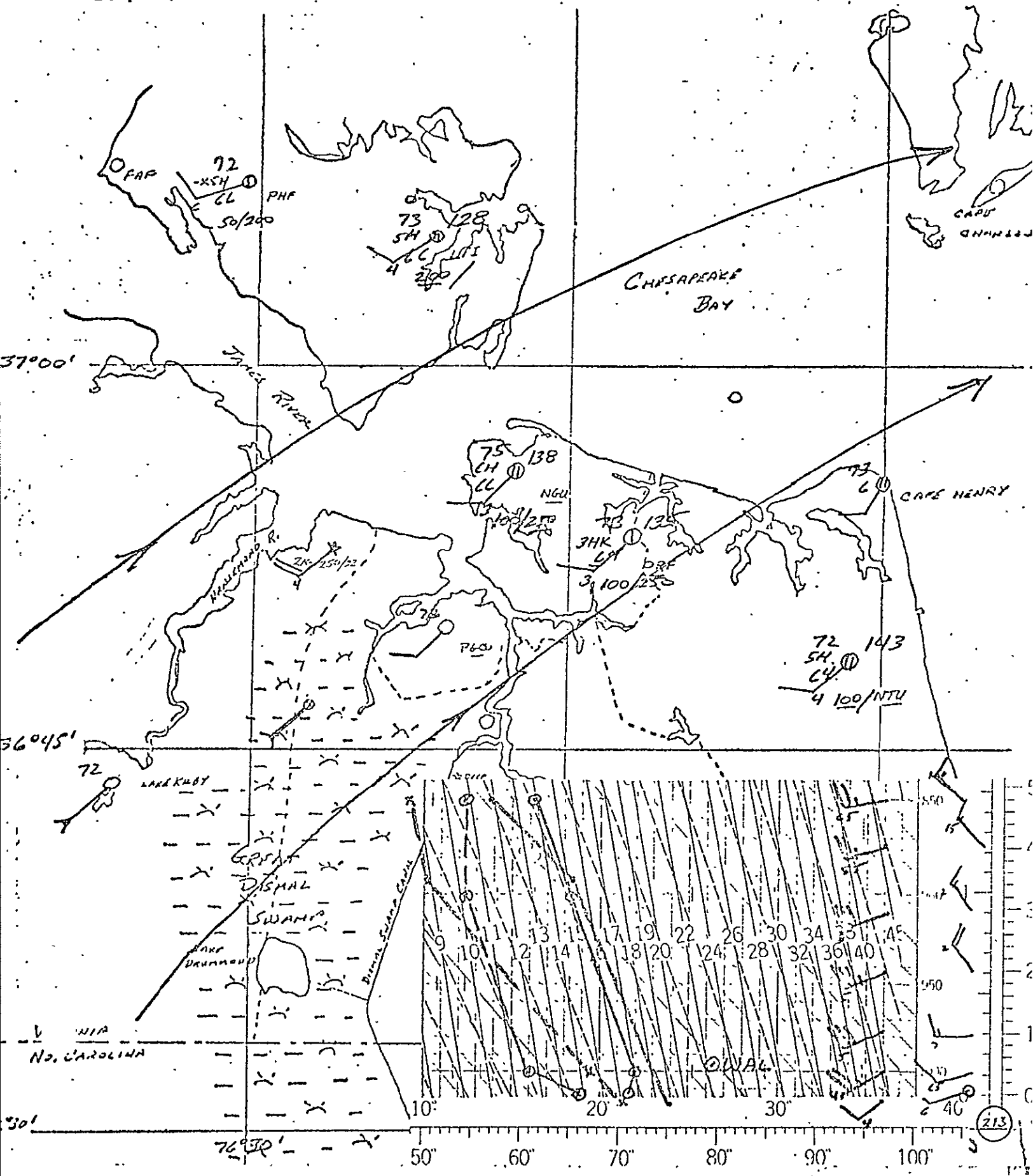


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NORFOLK, VIRGINIA 23502

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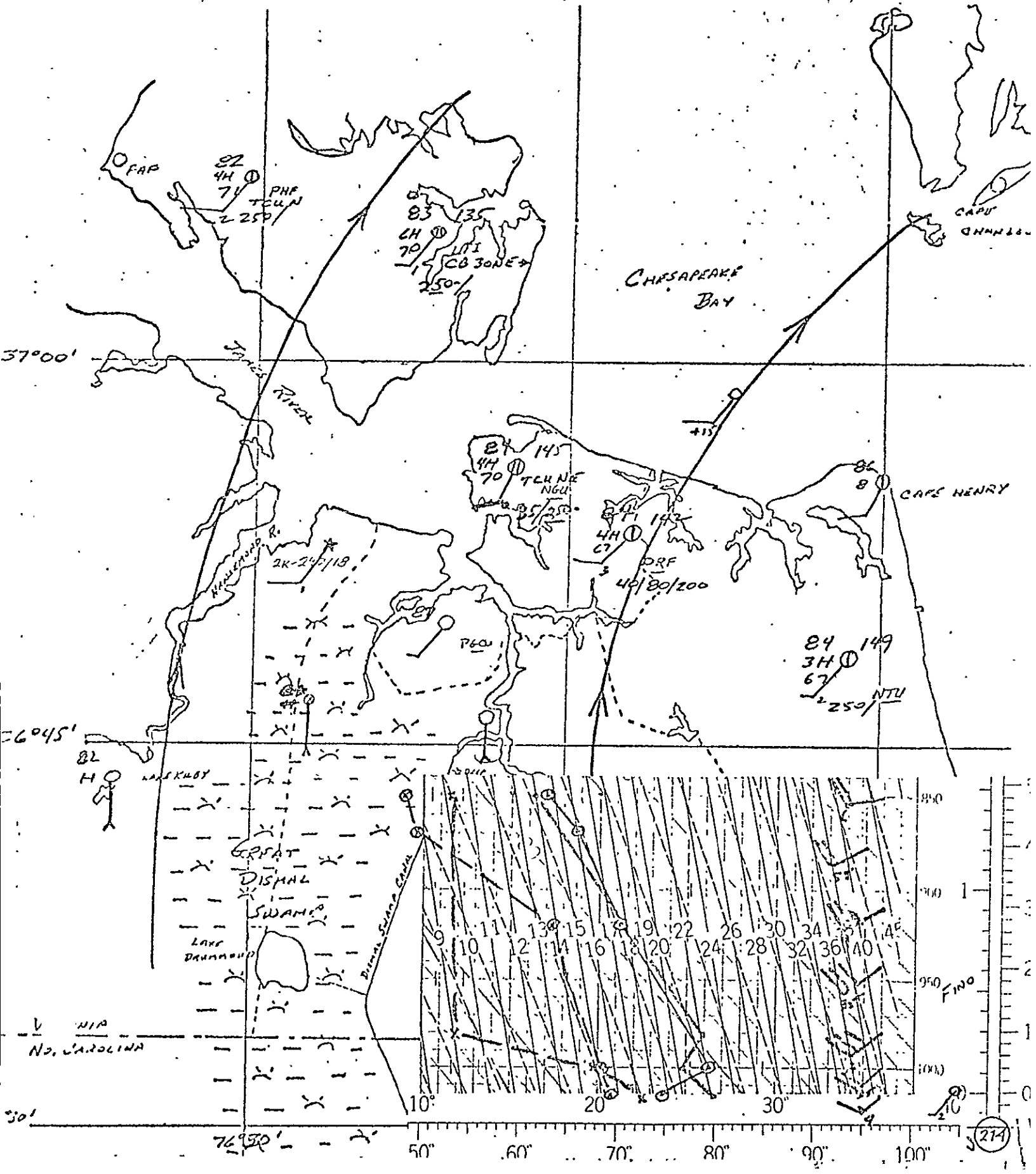
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COMMONWEALTH WEATHER SERVICE
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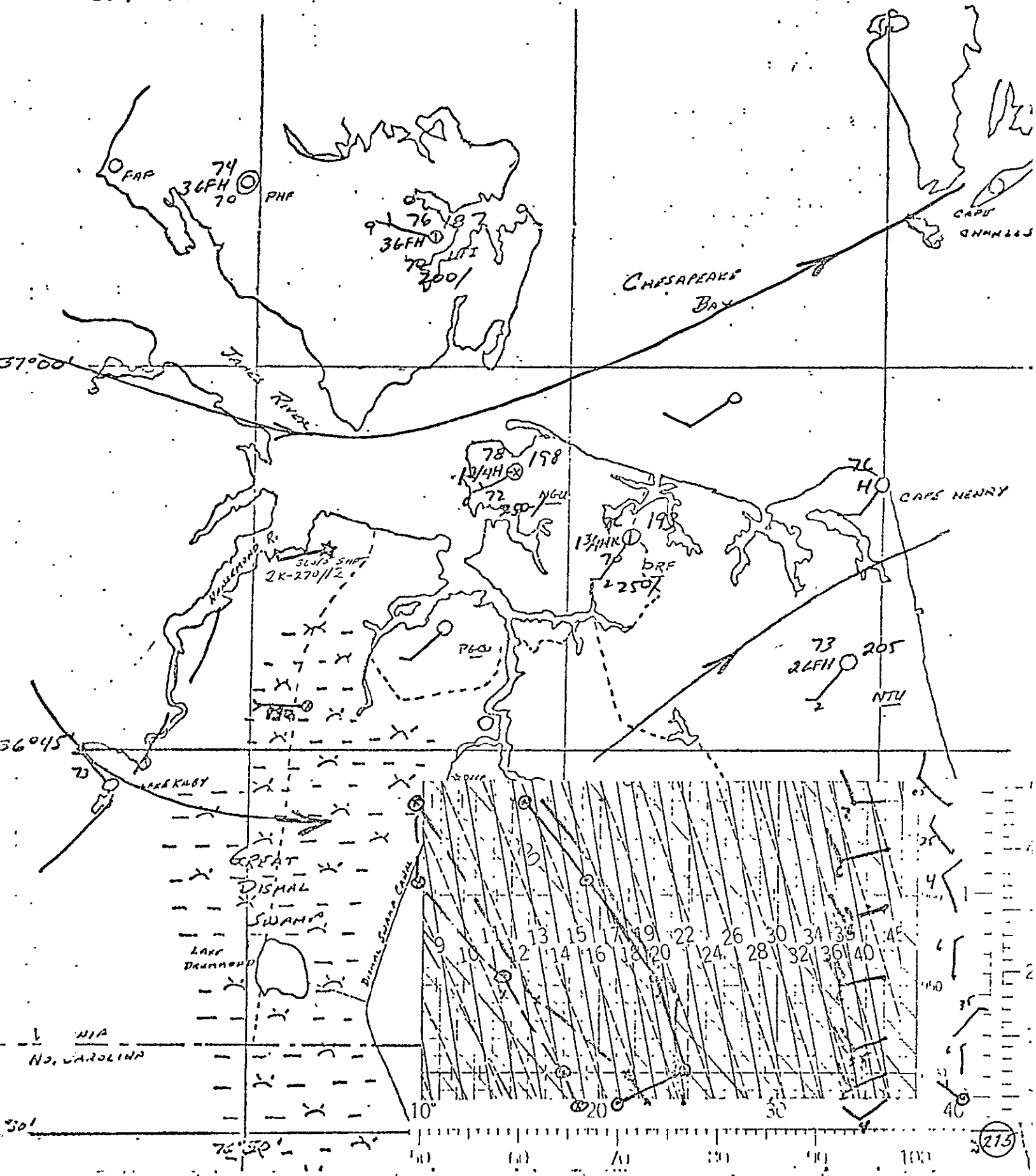
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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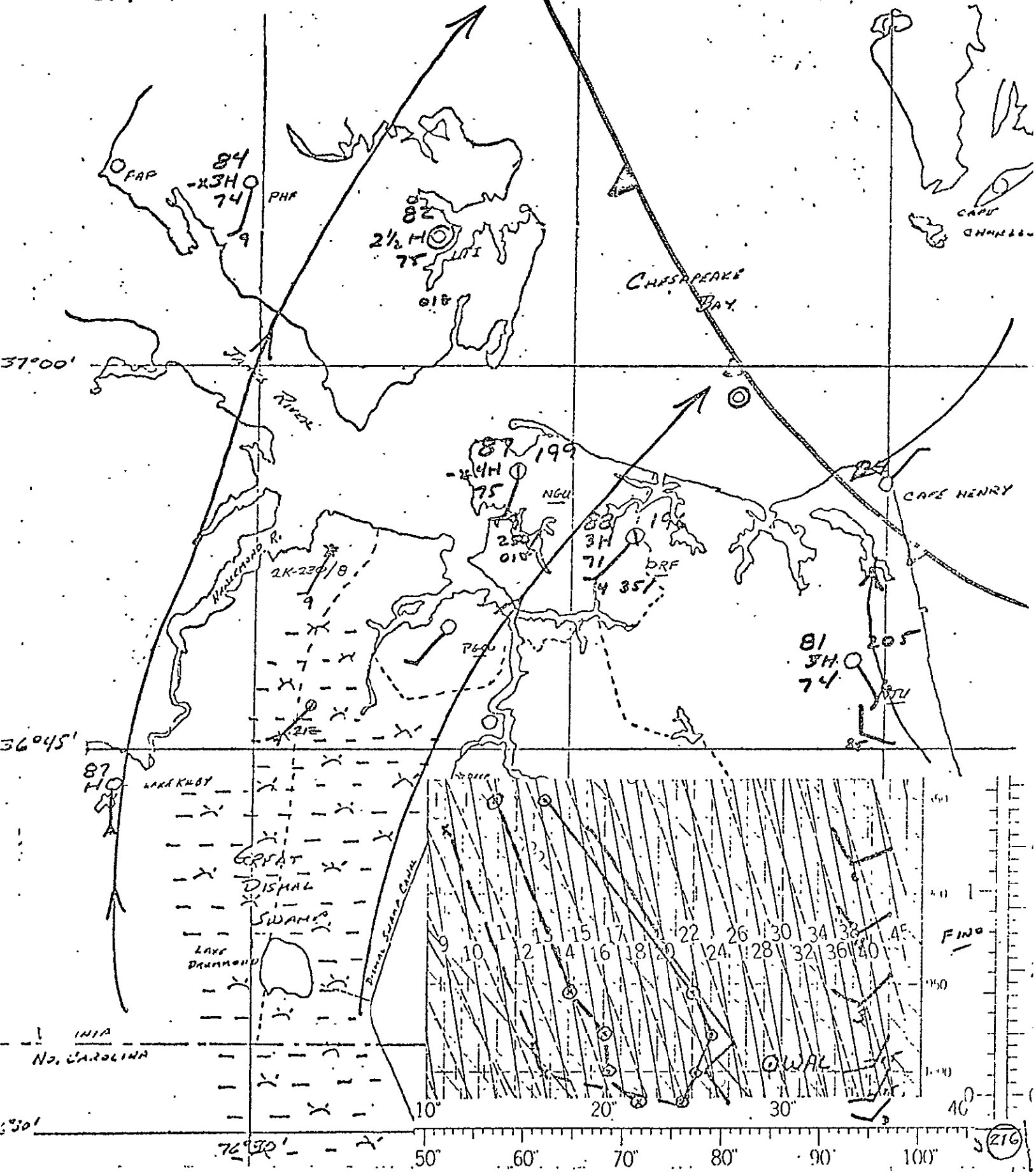
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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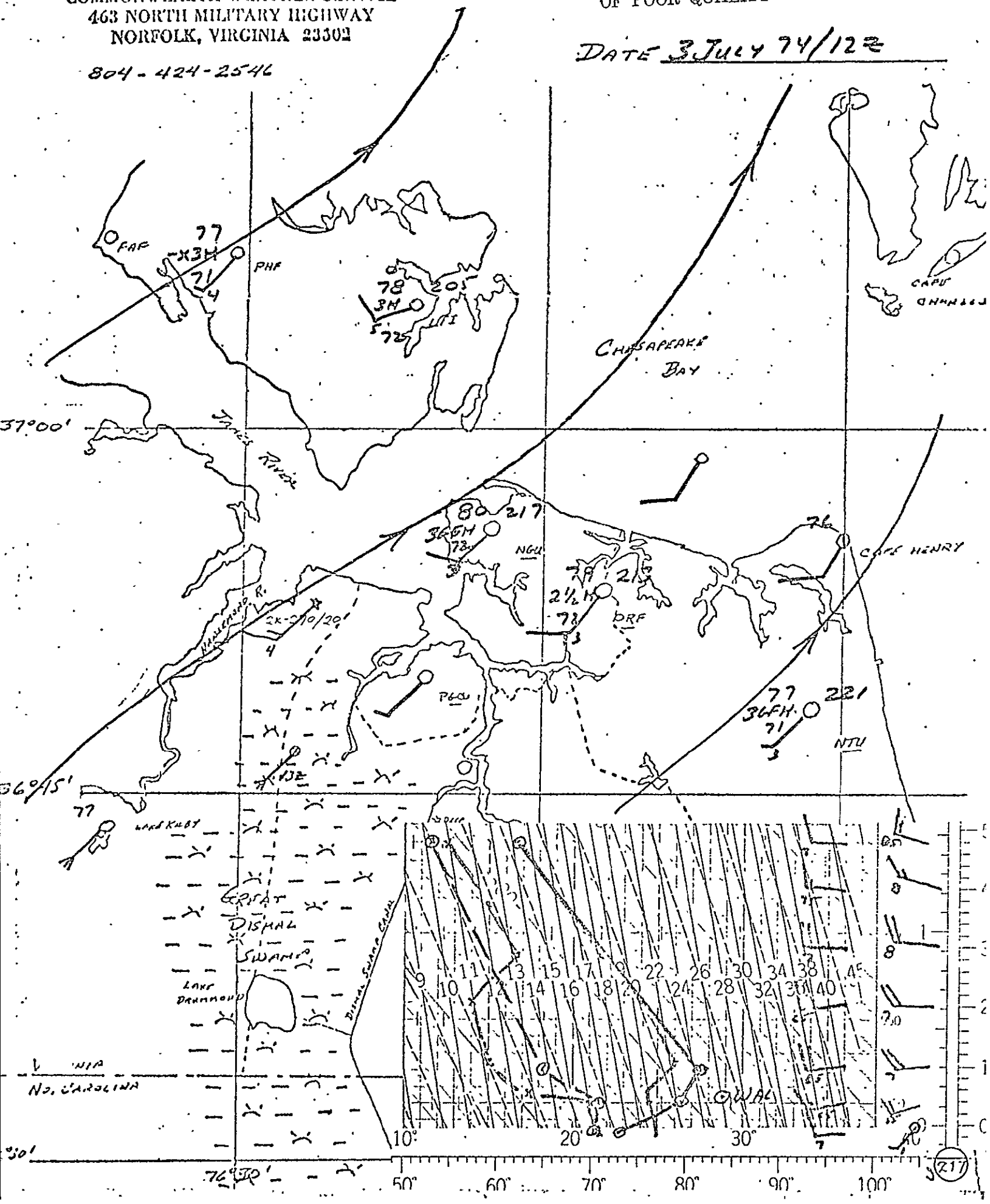


COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23302

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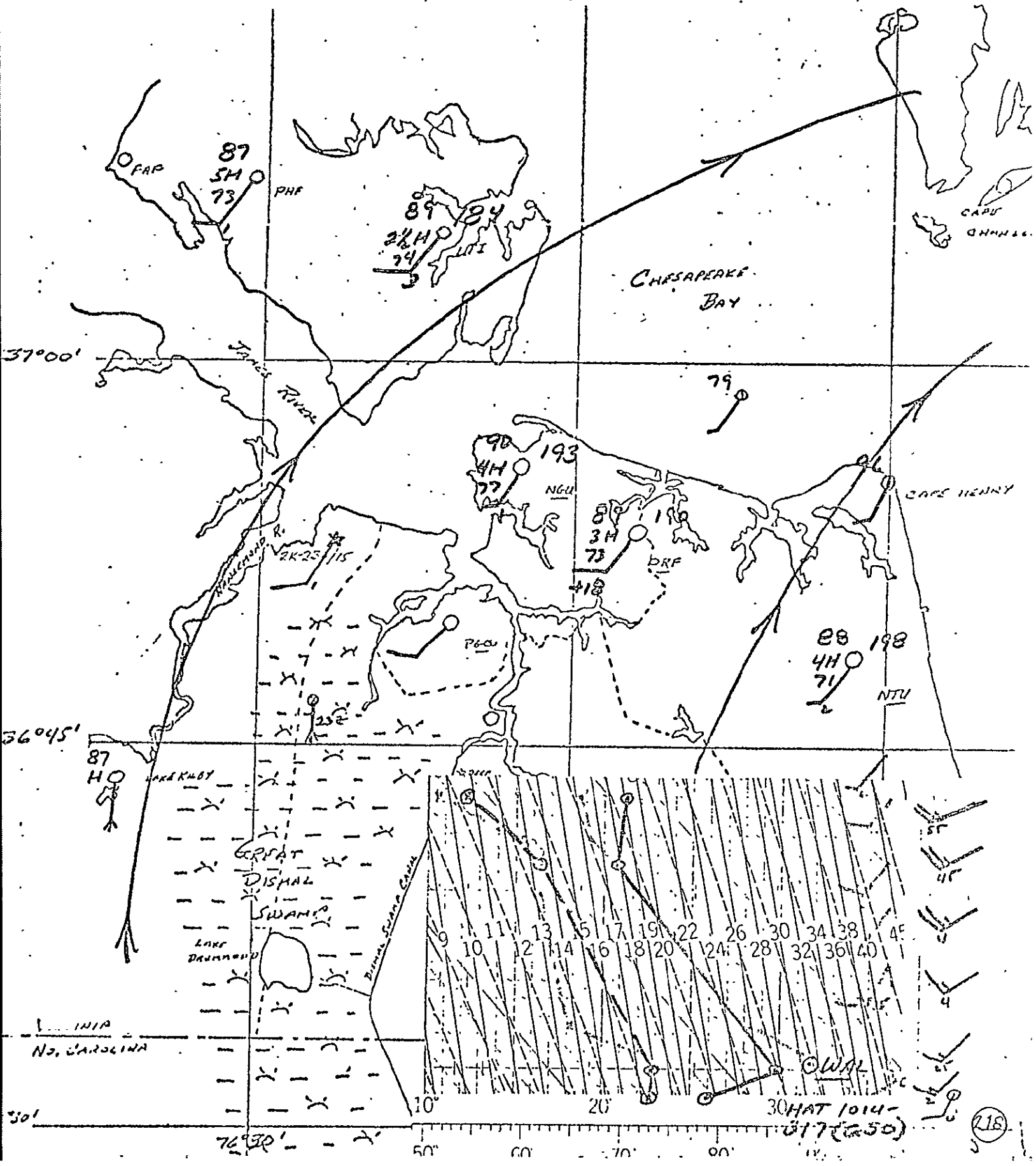
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 NORFOLK, VIRGINIA 23302

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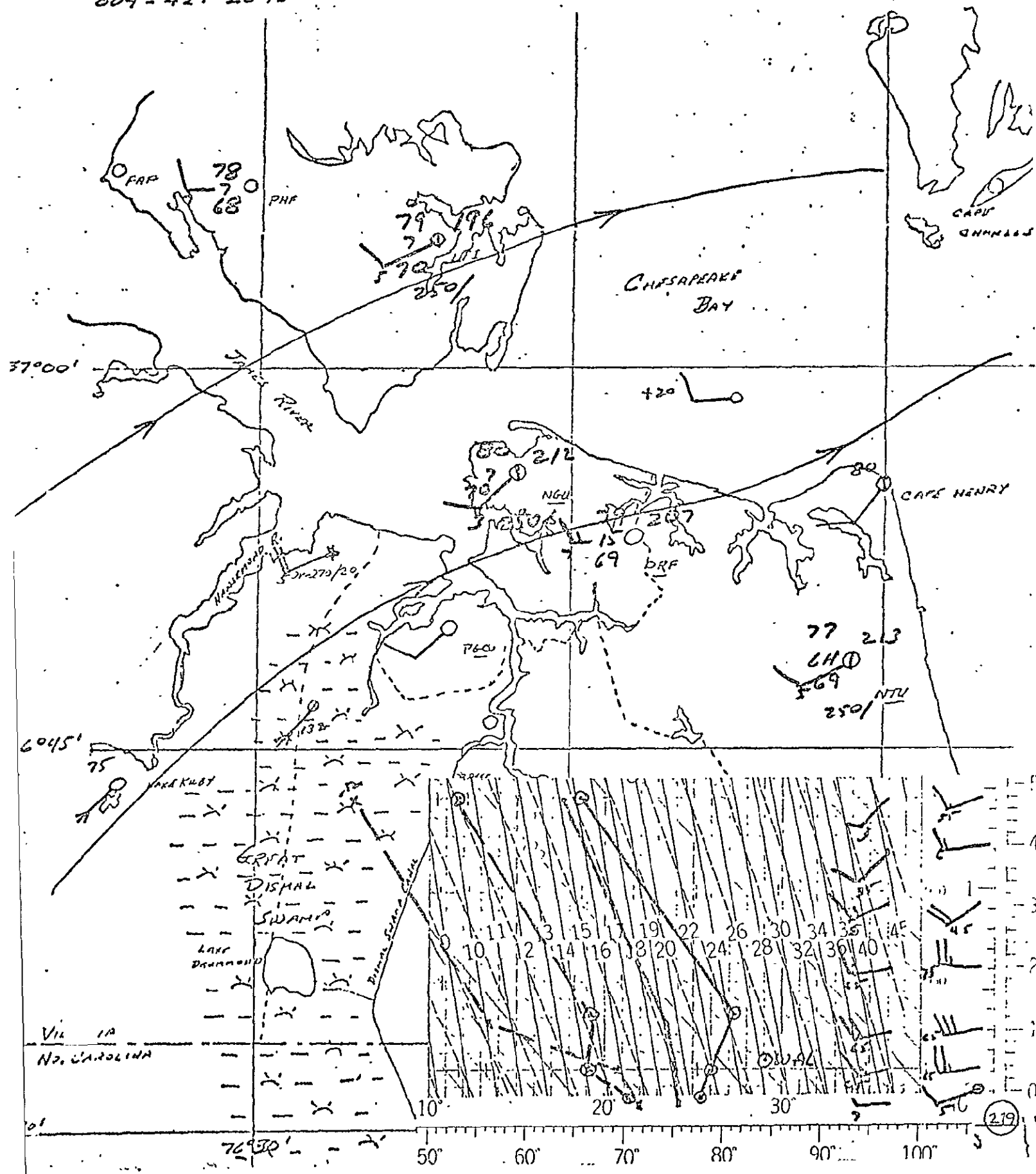
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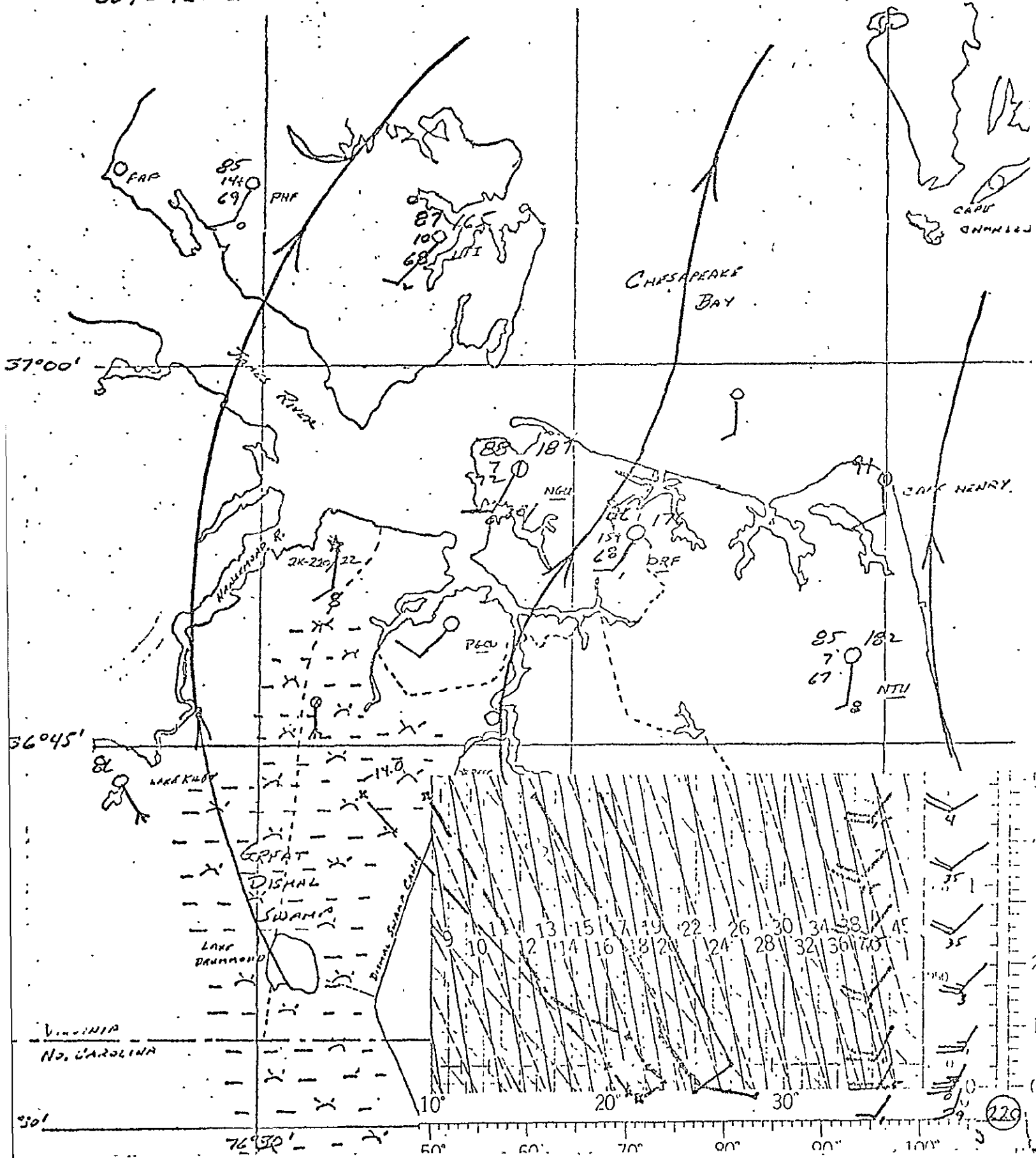
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 NORFOLK, VIRGINIA 23302

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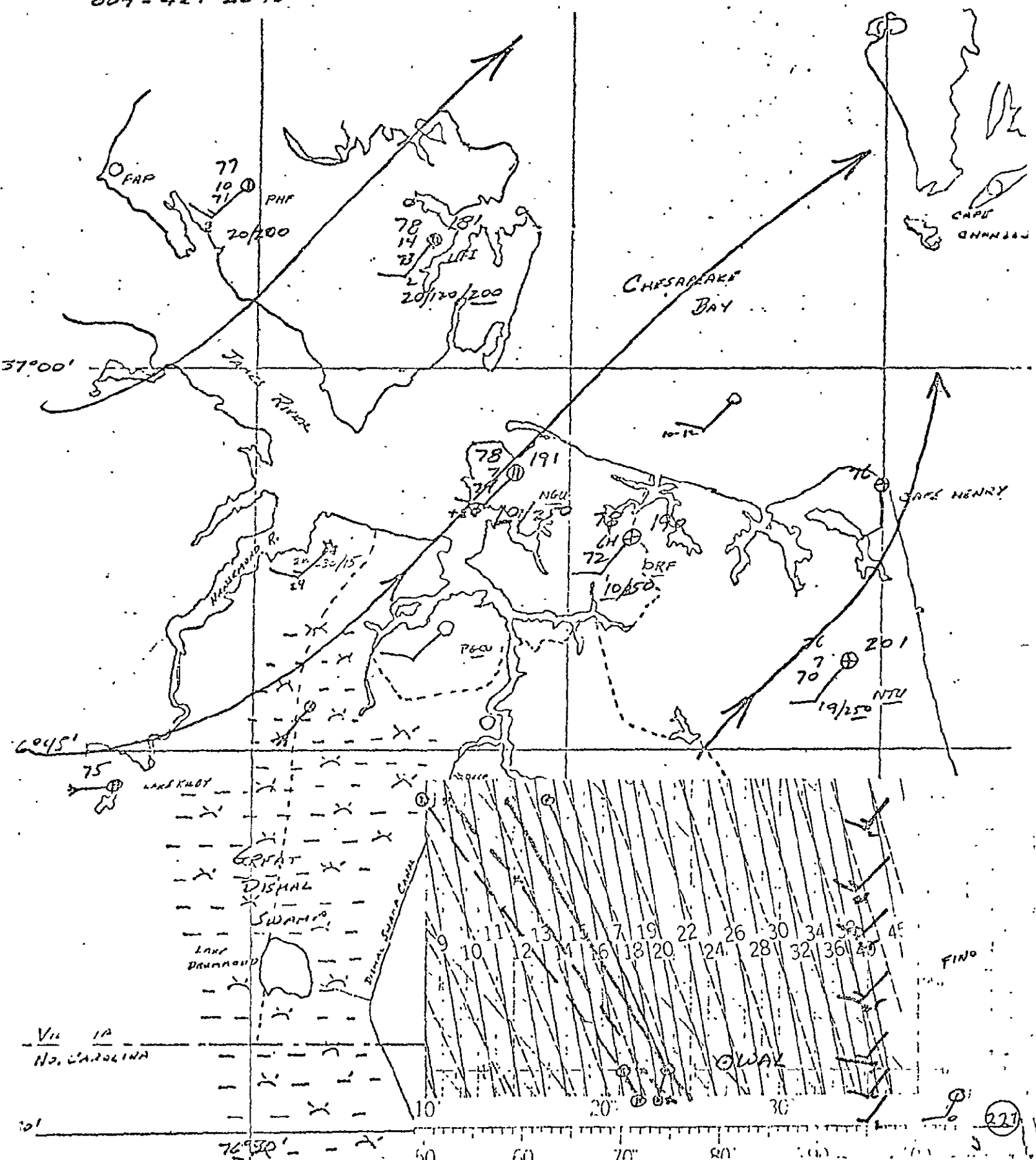


COMMONWEALTH WEATHER SERVICE
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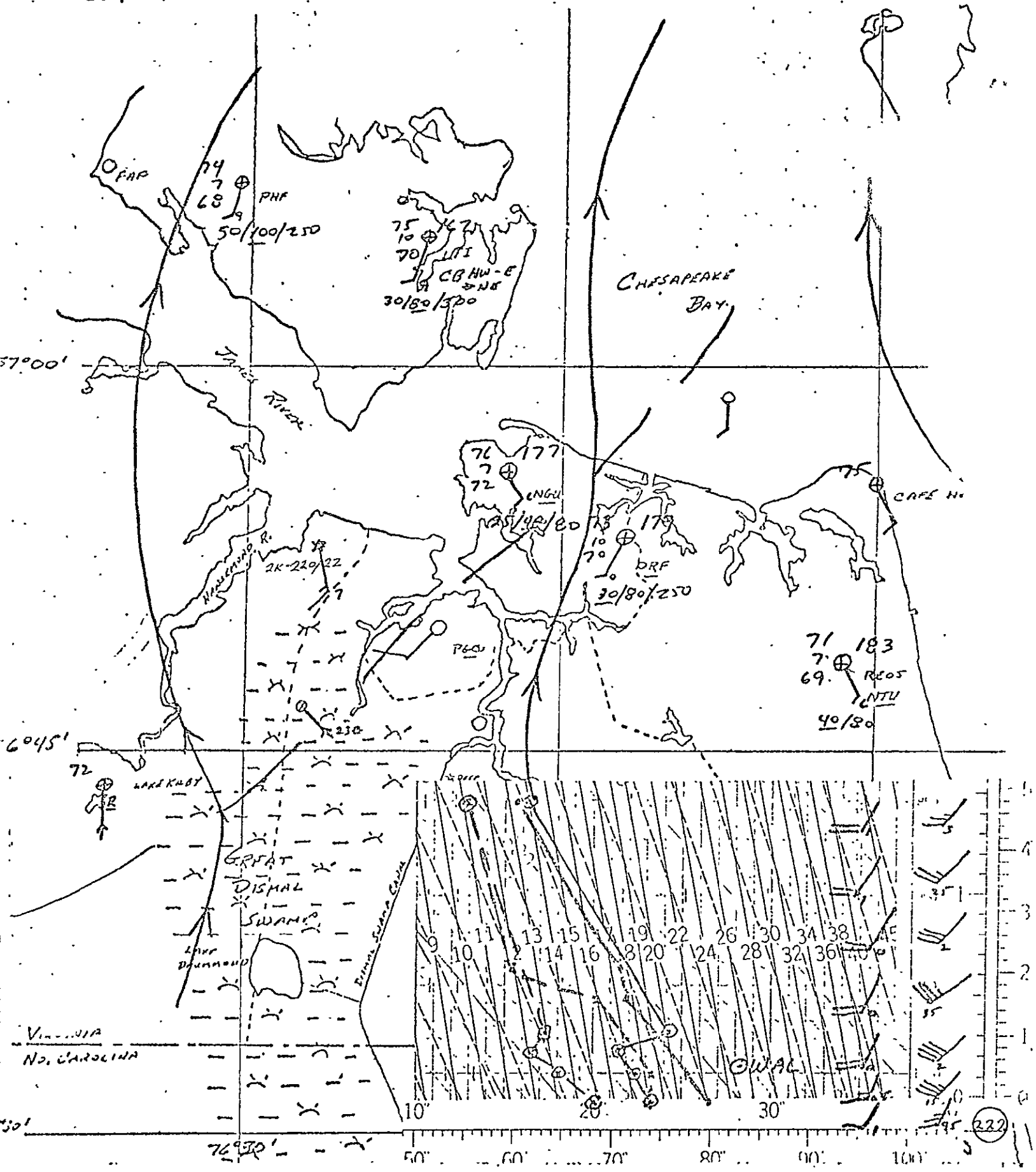
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COMMONWEALTH WEATHER SERVICE
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 NORFOLK, VIRGINIA 23502

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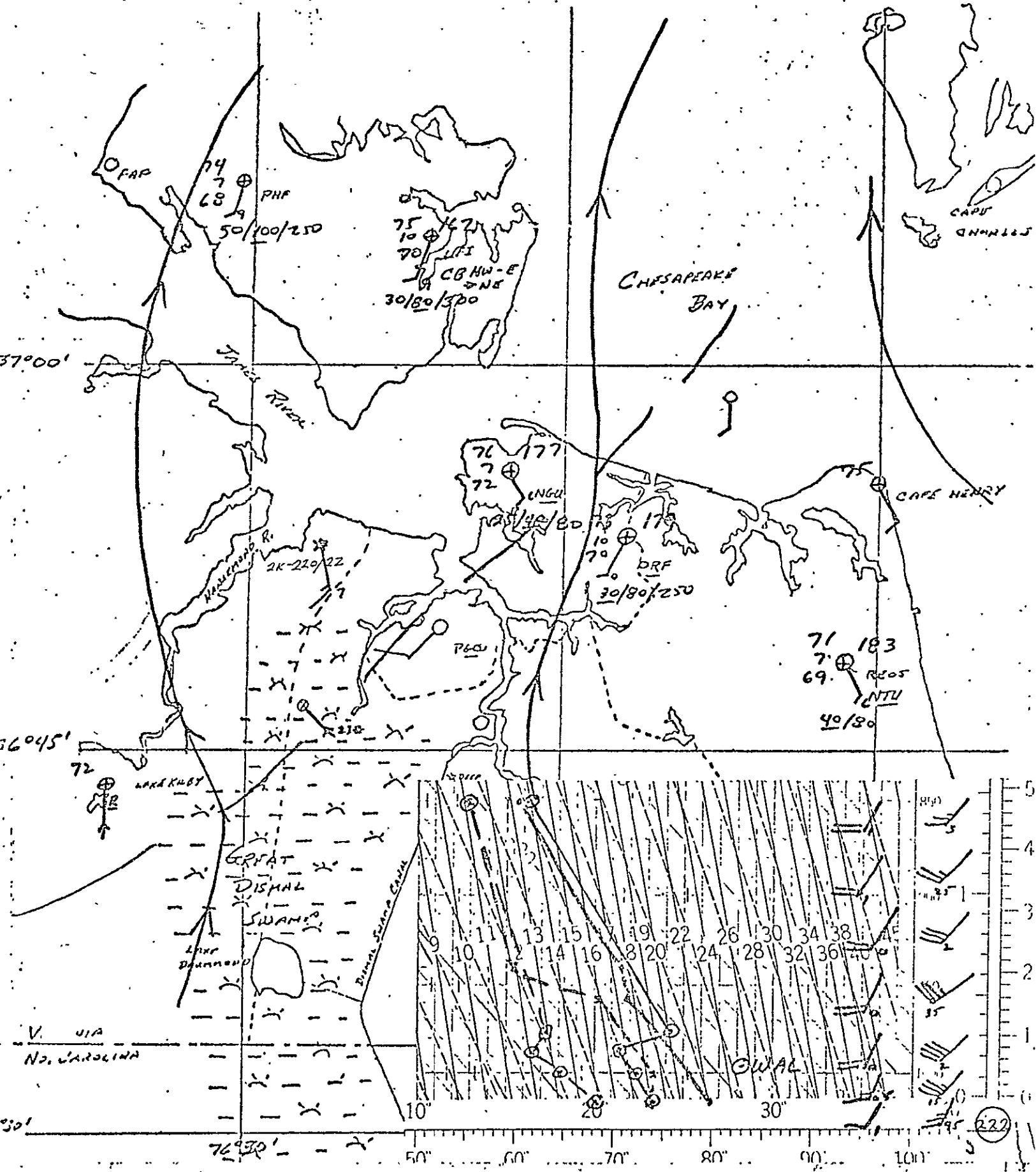
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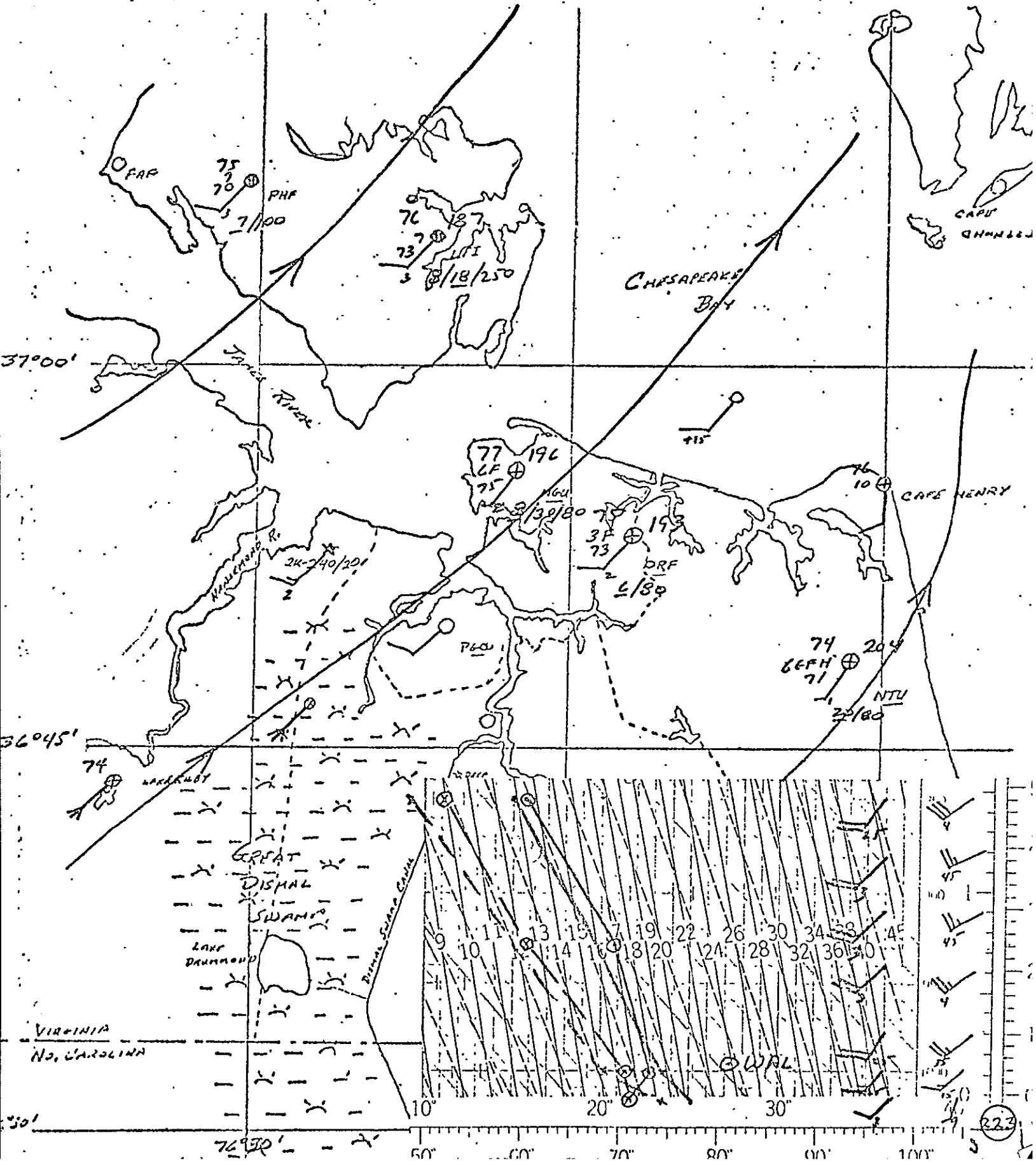
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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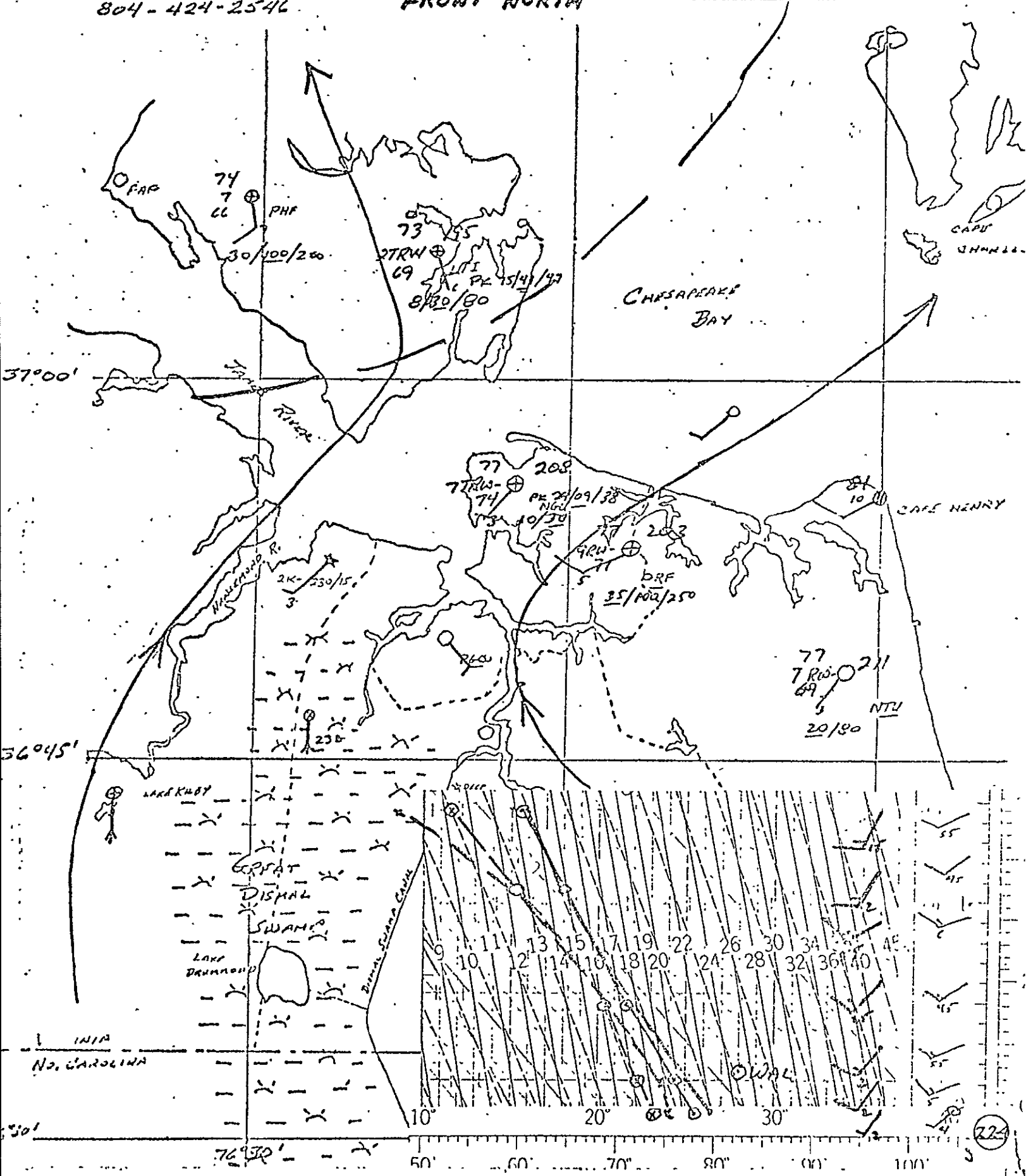
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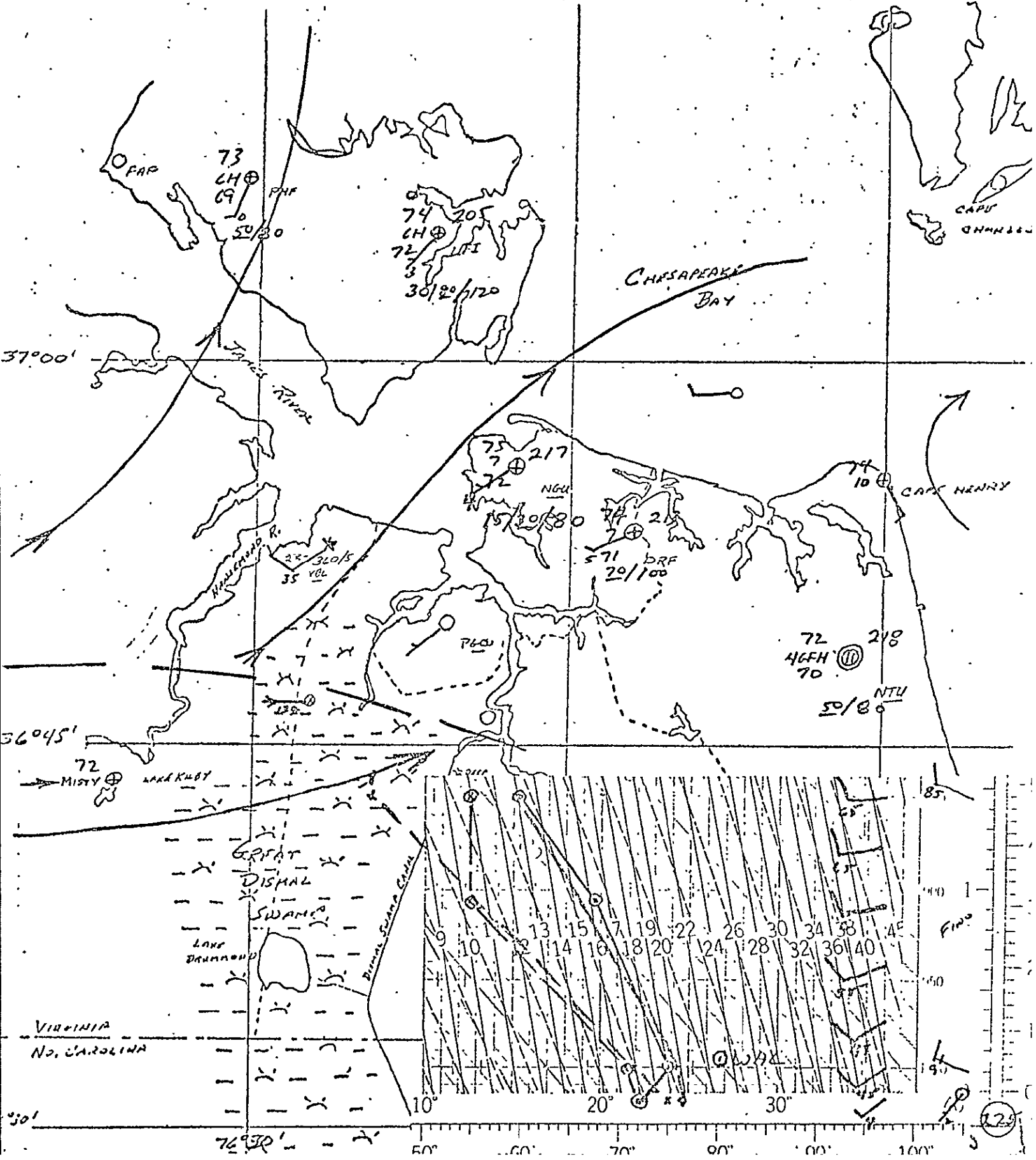
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

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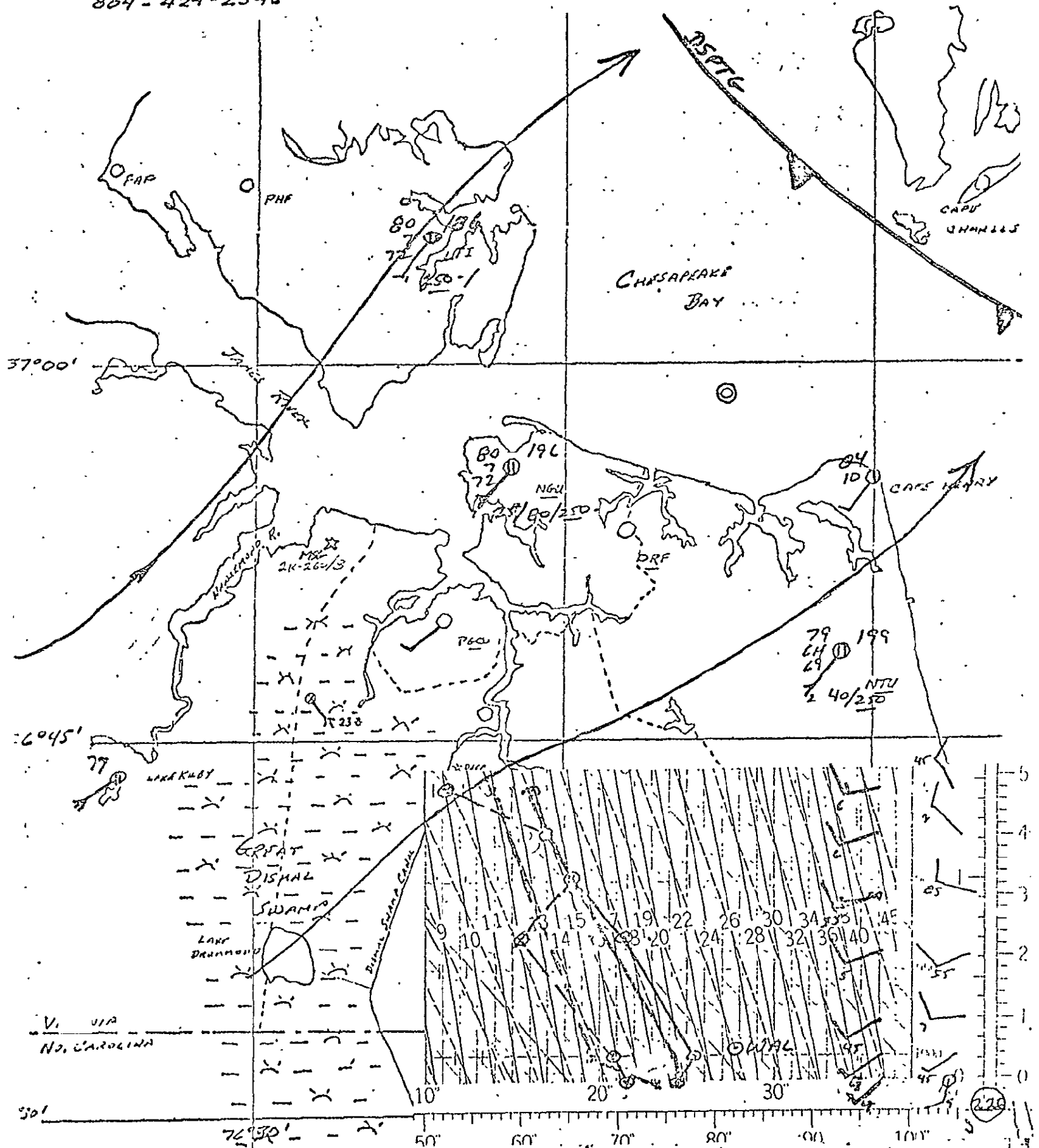
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NORFOLK, VIRGINIA 23509

804-424-2546

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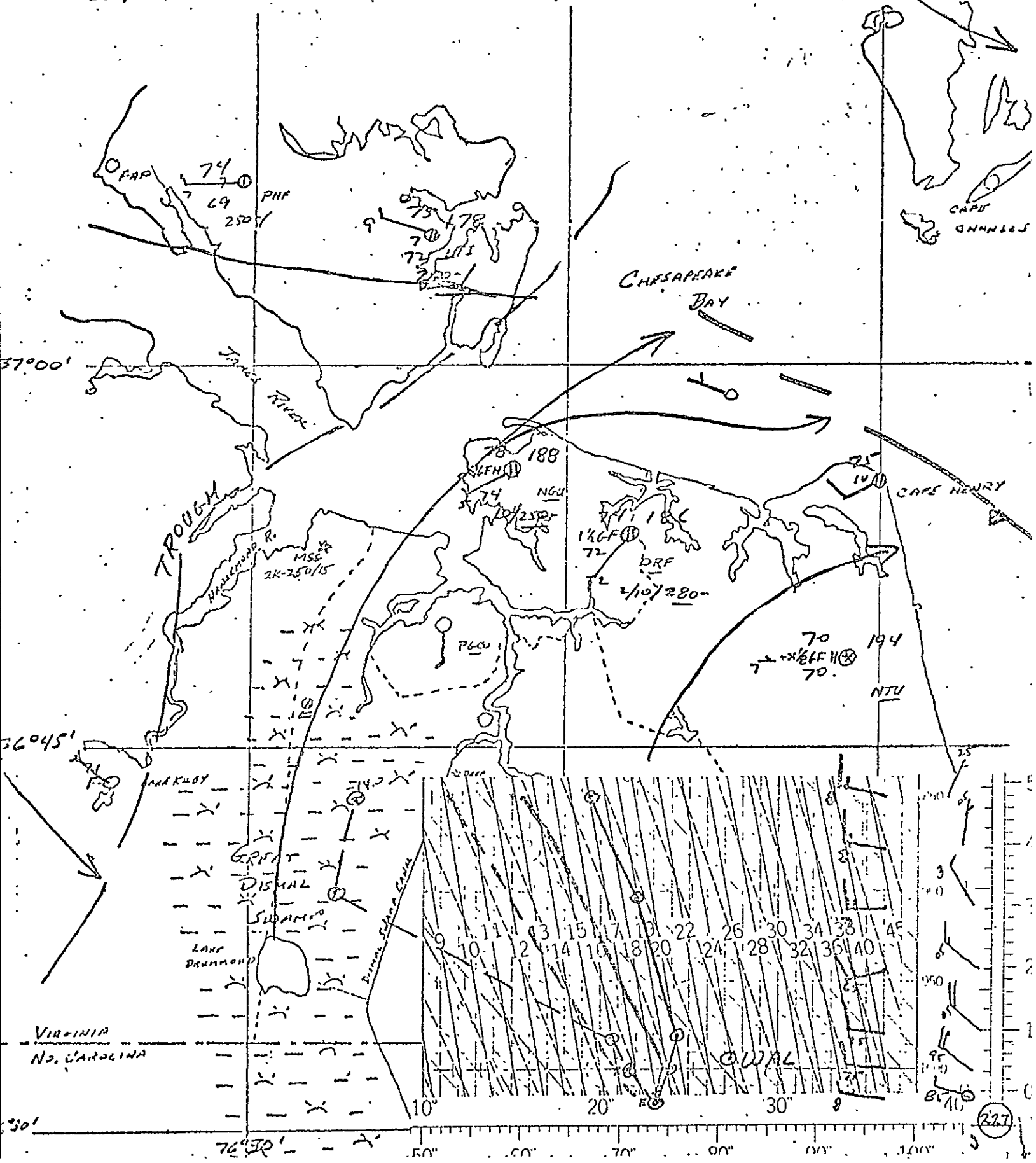


COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23301

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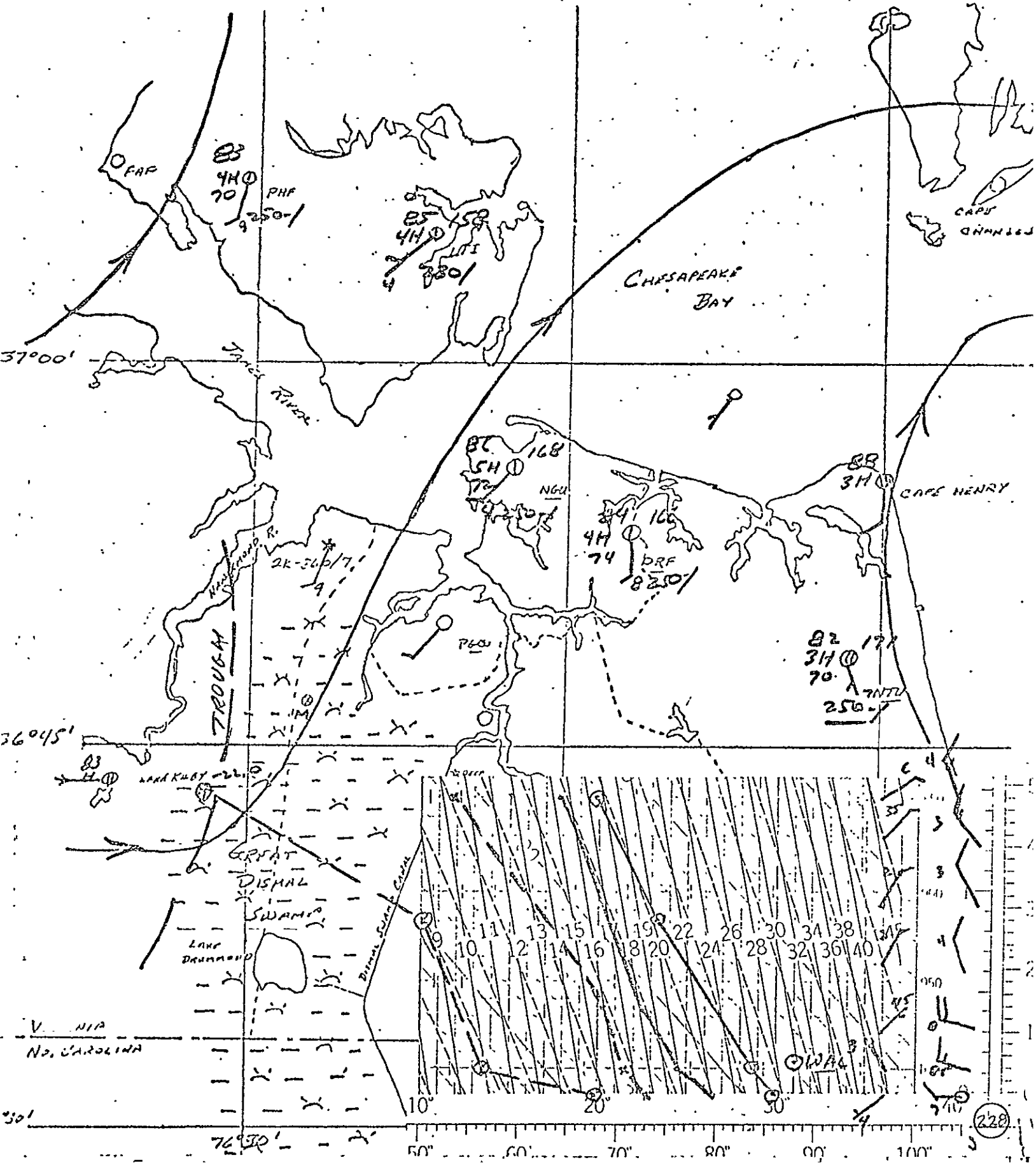


COMMONWEALTH WEATHER SERVICE
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 NORFOLK, VIRGINIA 23502

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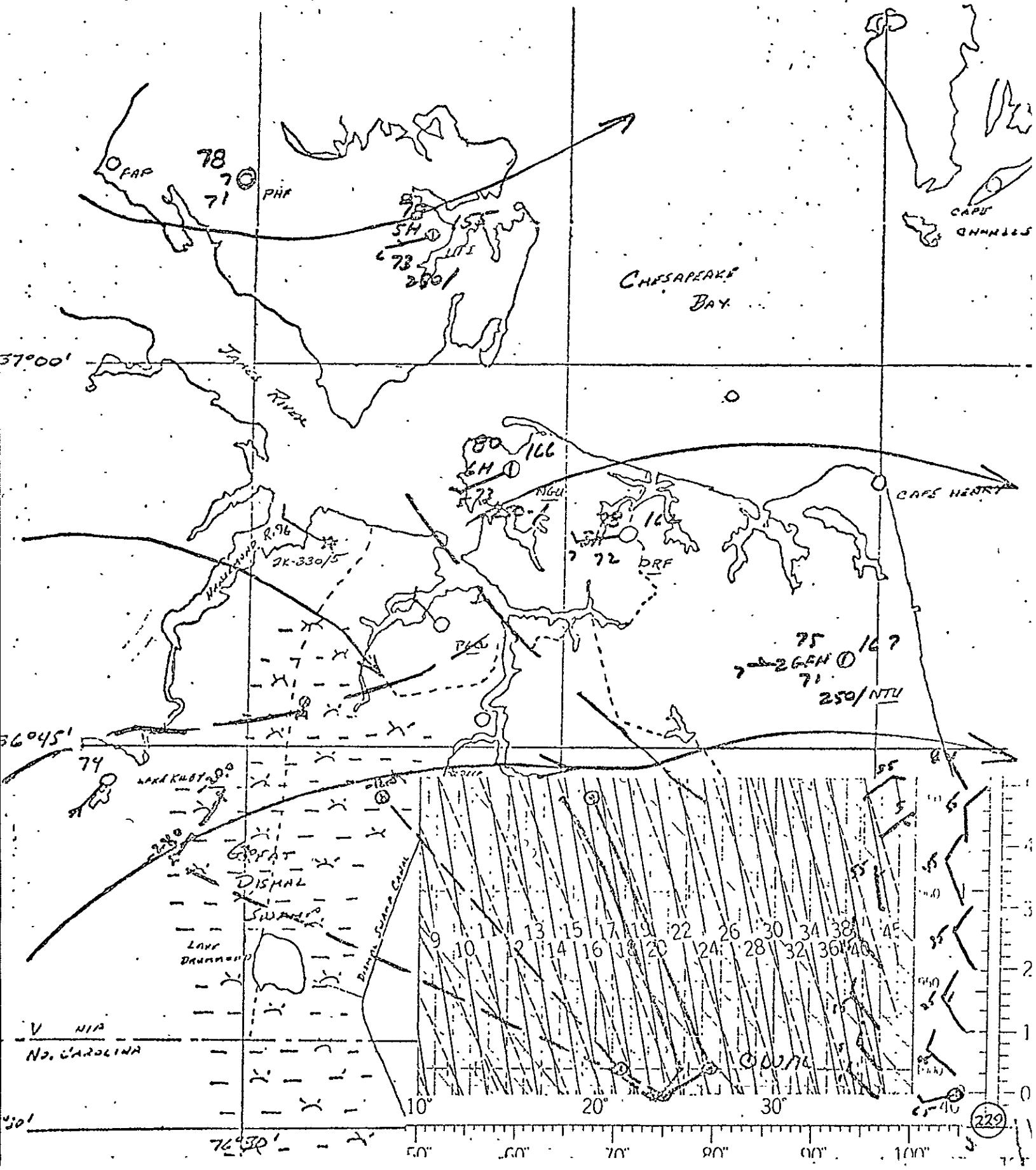


COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23302

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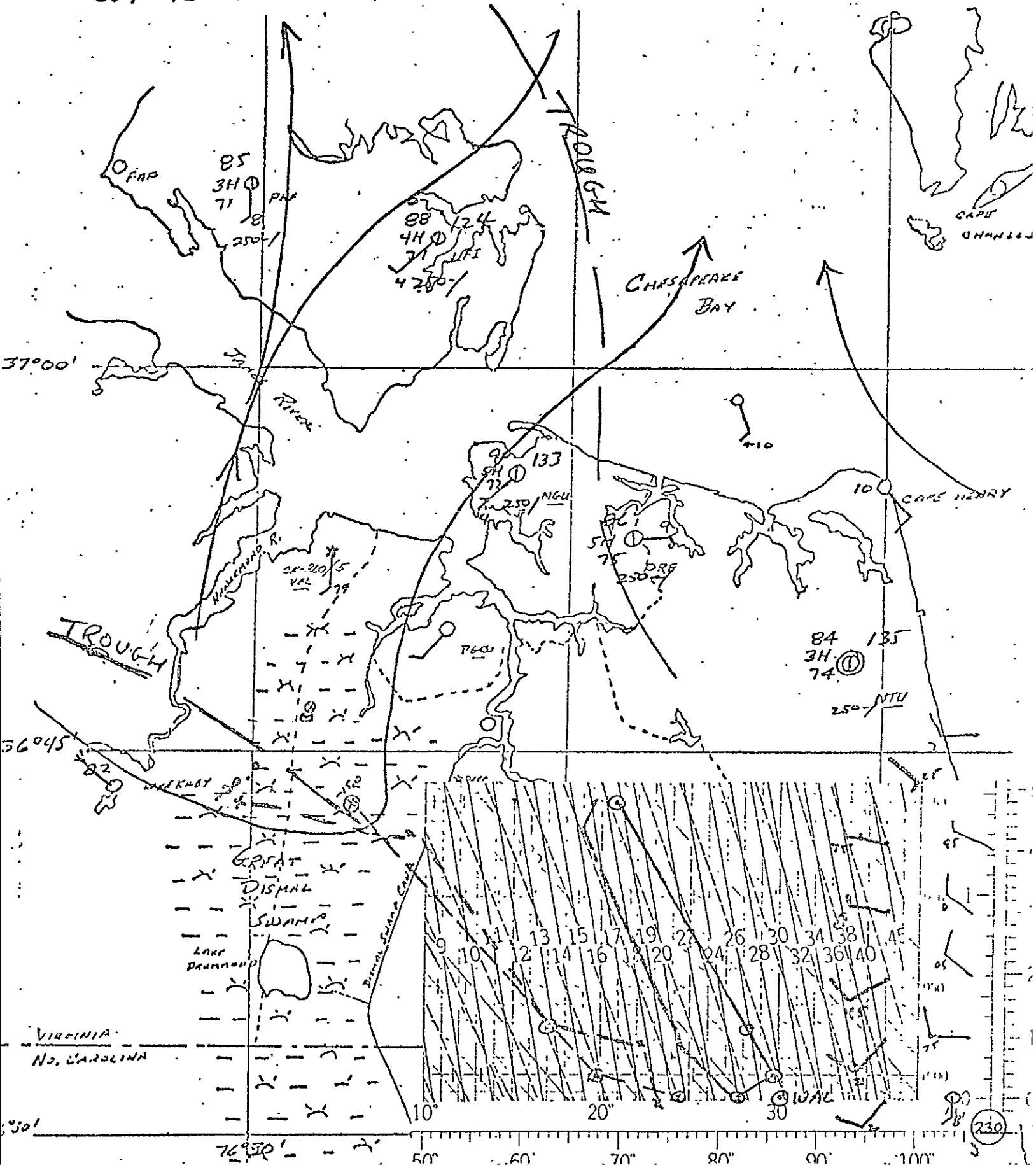
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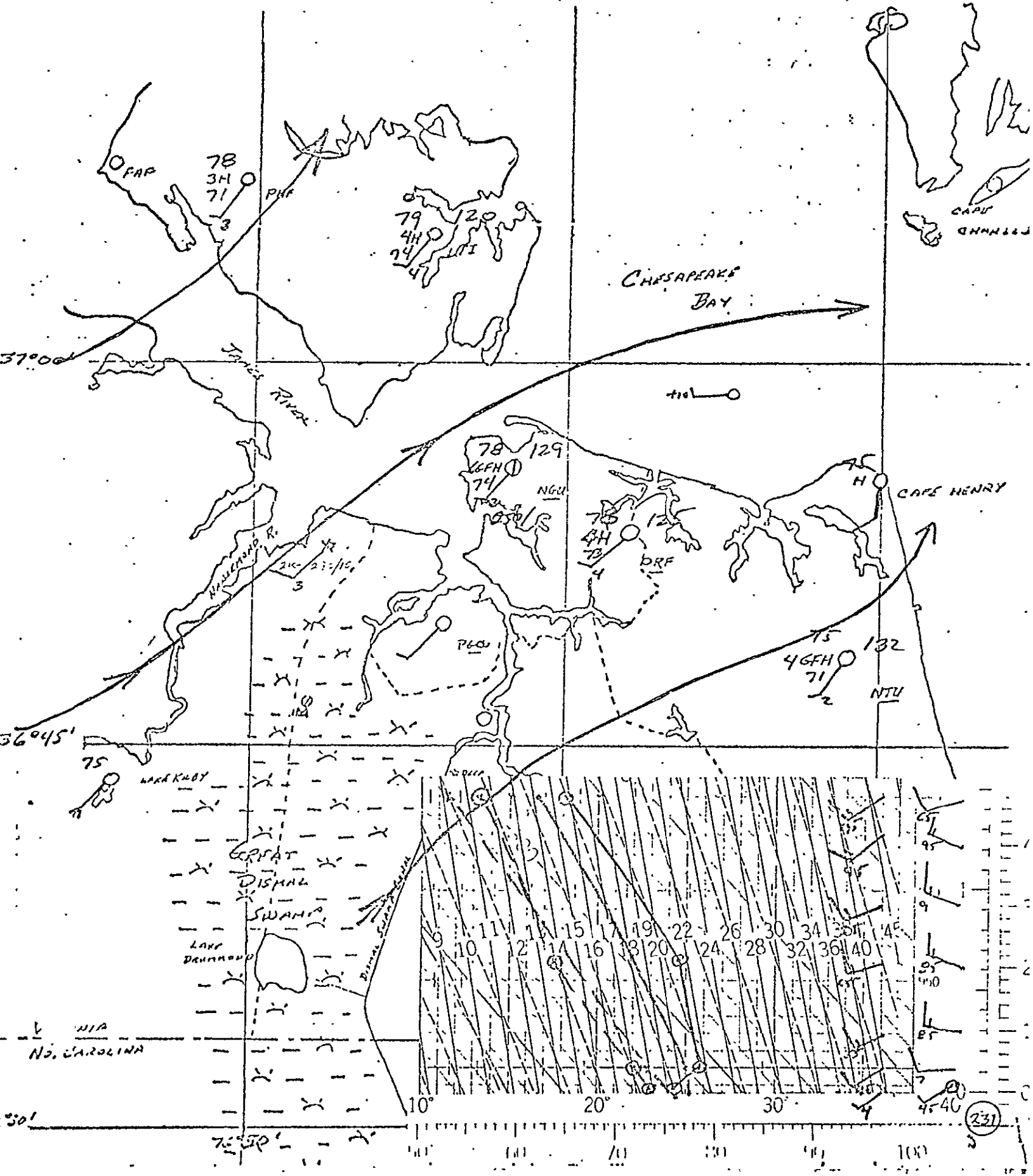
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COMMONWEALTH WEATHER SERVICE
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NORFOLK, VIRGINIA 23502

804-424-2546

DATE 10 JULY 74/122

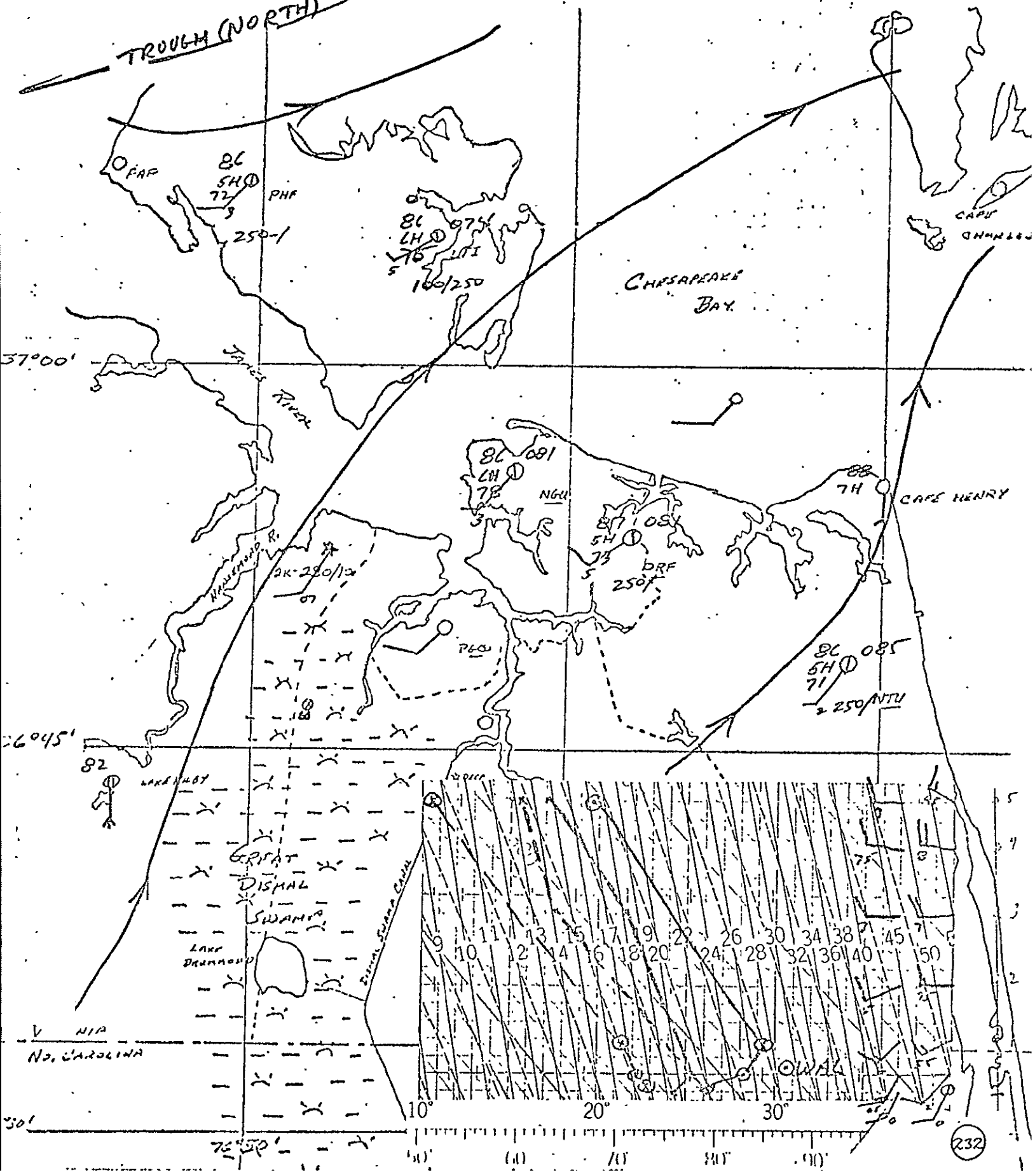


COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23302

804-424-2546

DATE 11 JULY 74/00Z

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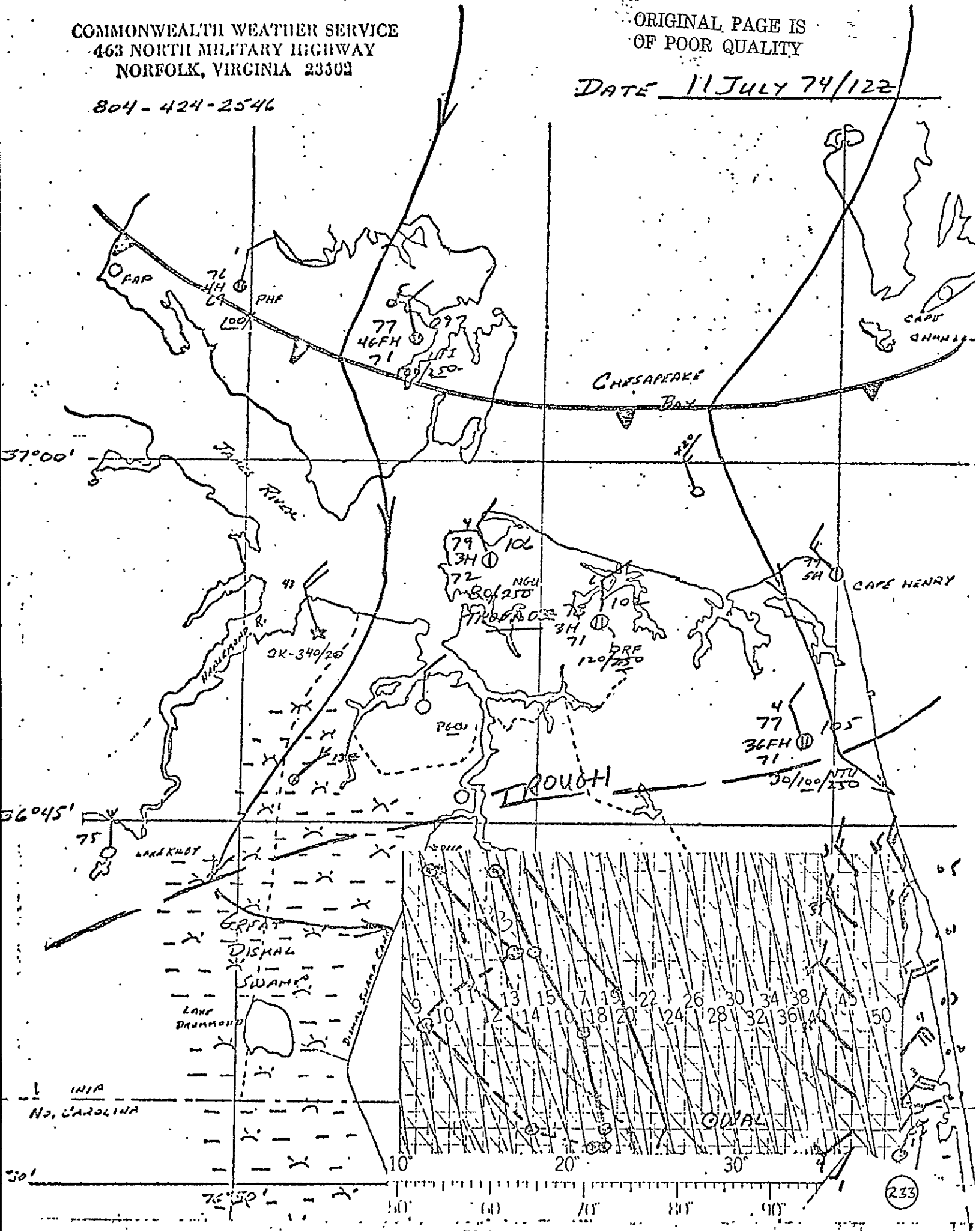


COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

804-424-2546

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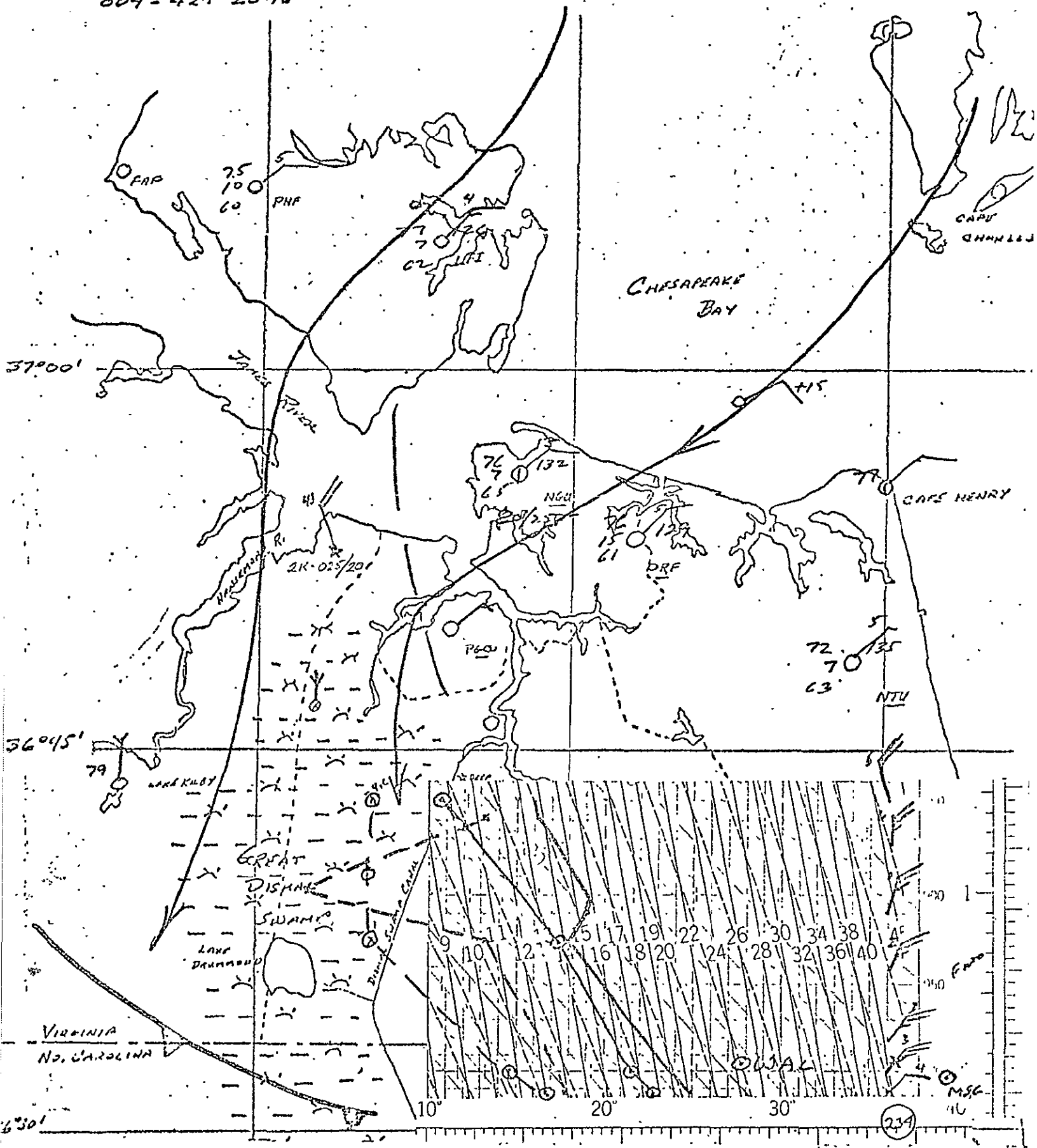
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NORFOLK, VIRGINIA 23302

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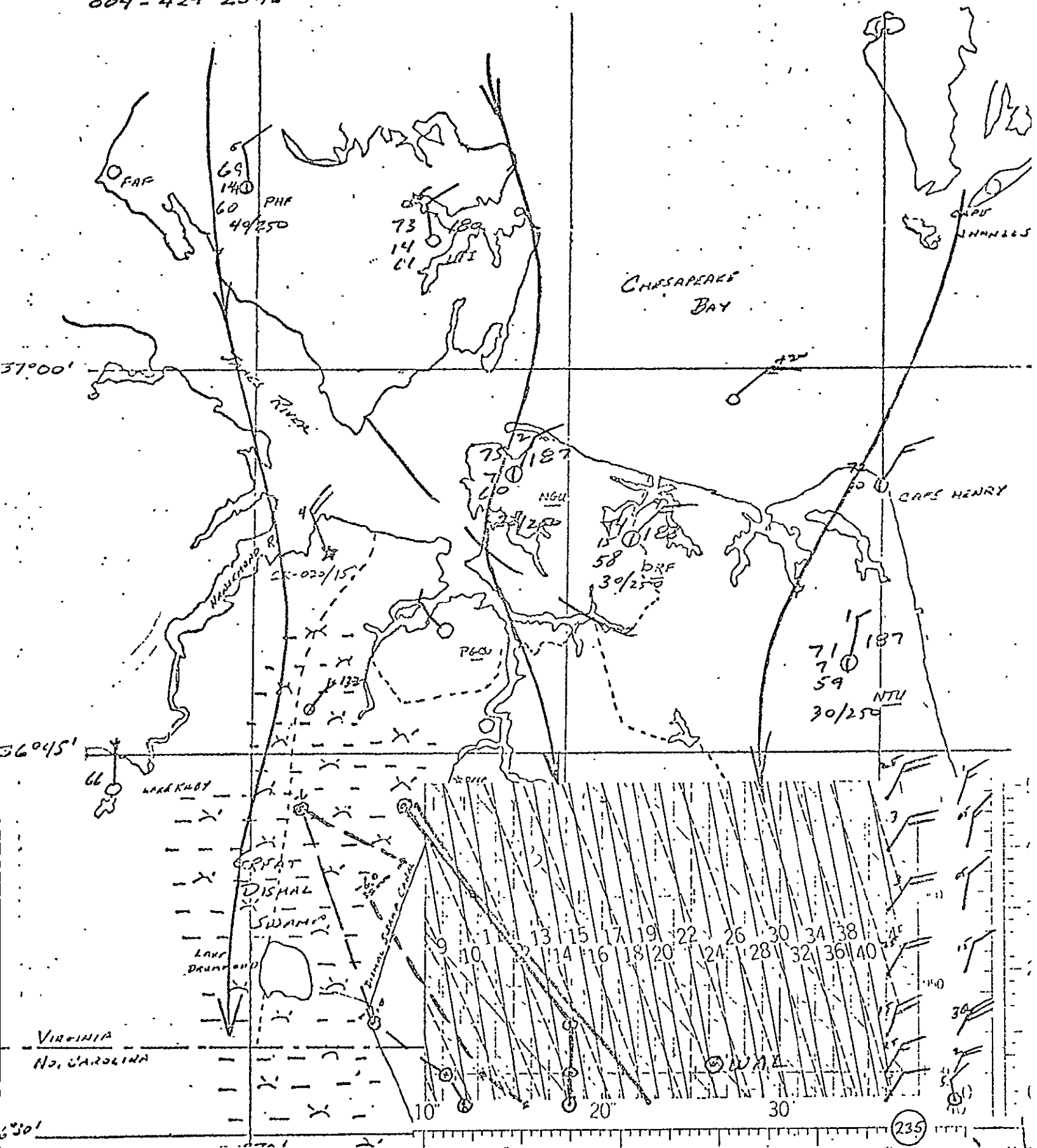
DATE 12 JULY 74/00Z



COMMONWEALTH WEATHER SERVICE
 463 NORTH MILITARY HIGHWAY
 NORFOLK, VIRGINIA 23502

DATE 12 JULY 74/12Z

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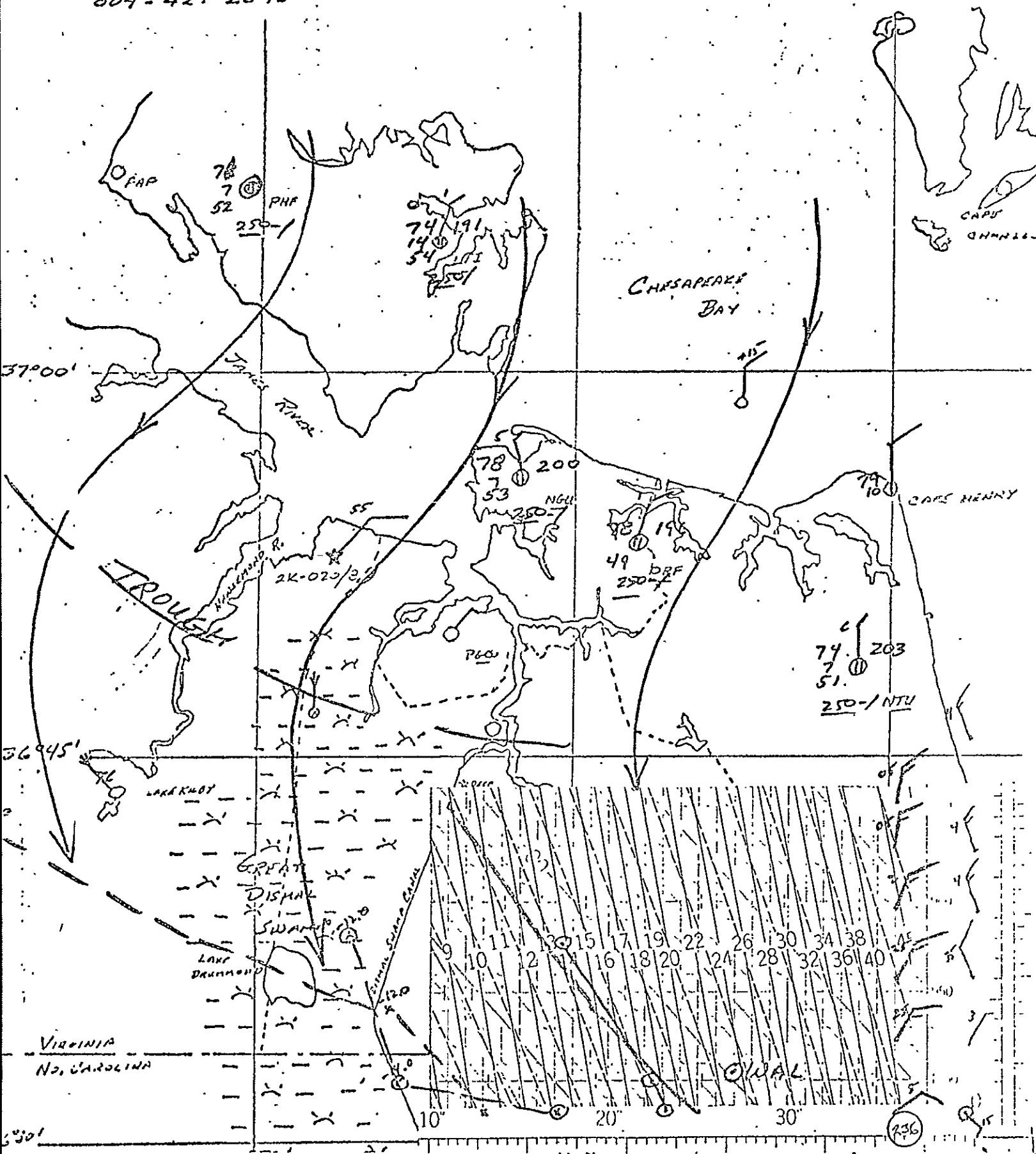


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463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23302

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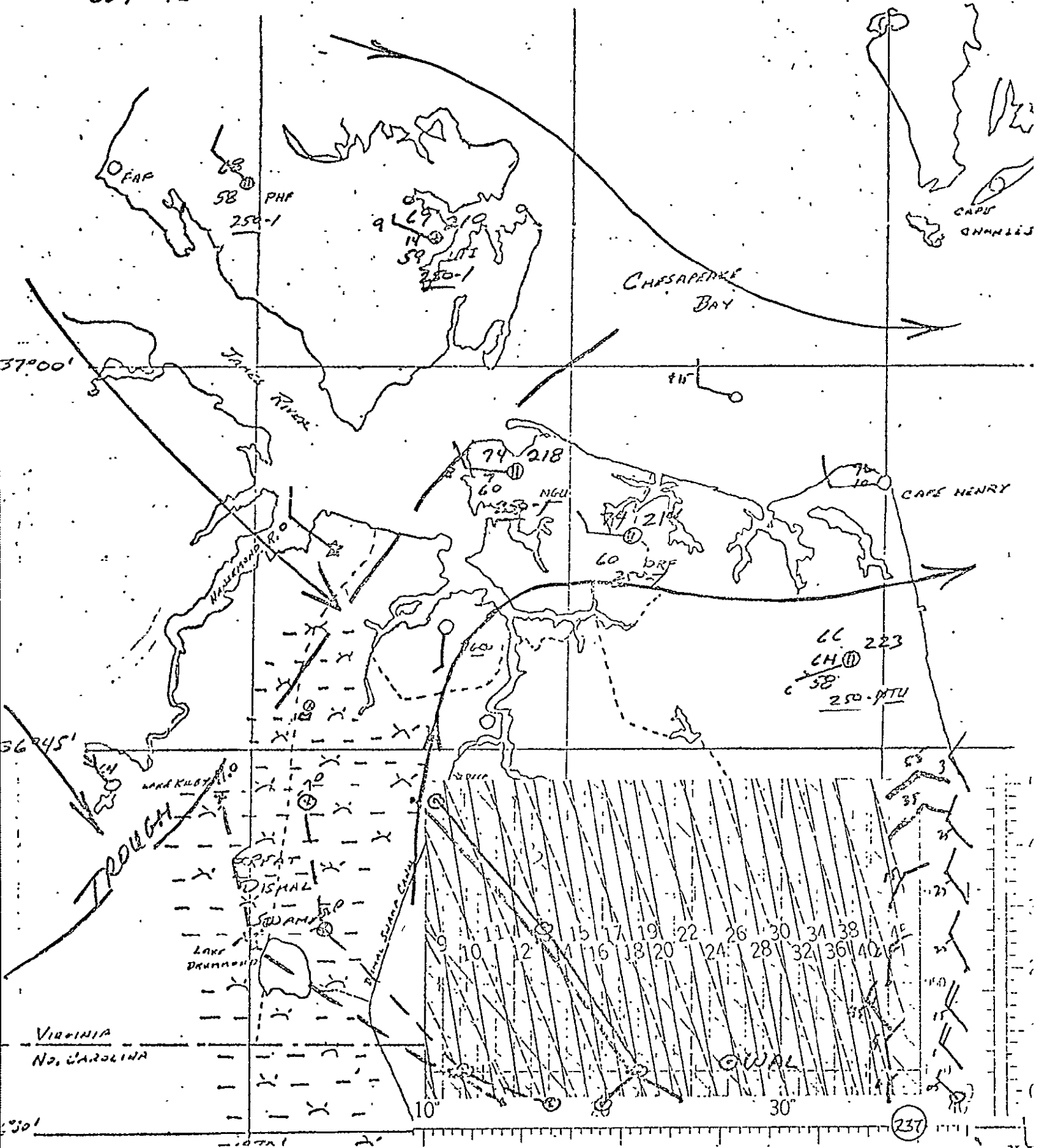
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COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23302

DATE 13 July 74/122

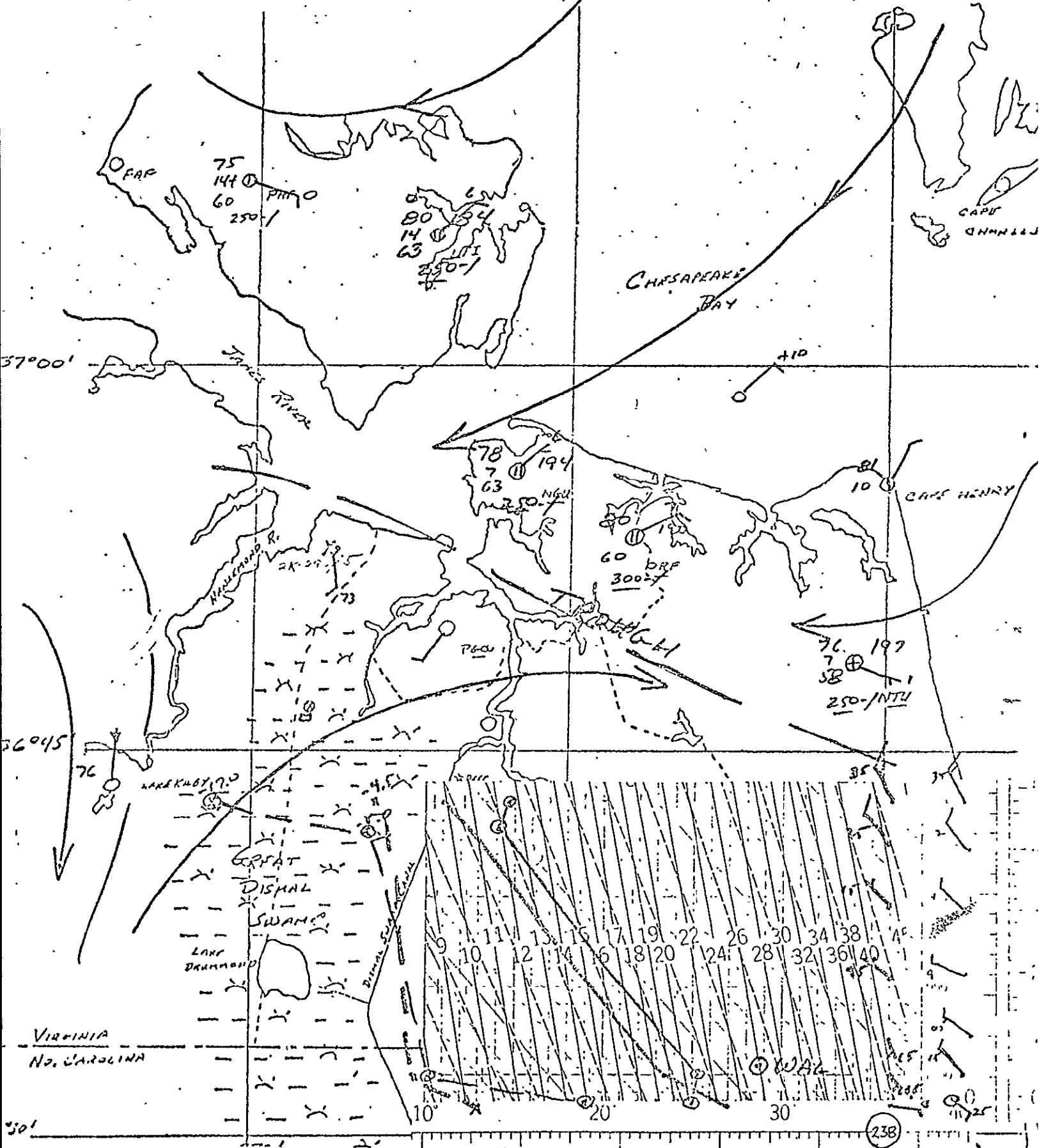
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NORFOLK, VIRGINIA 23502

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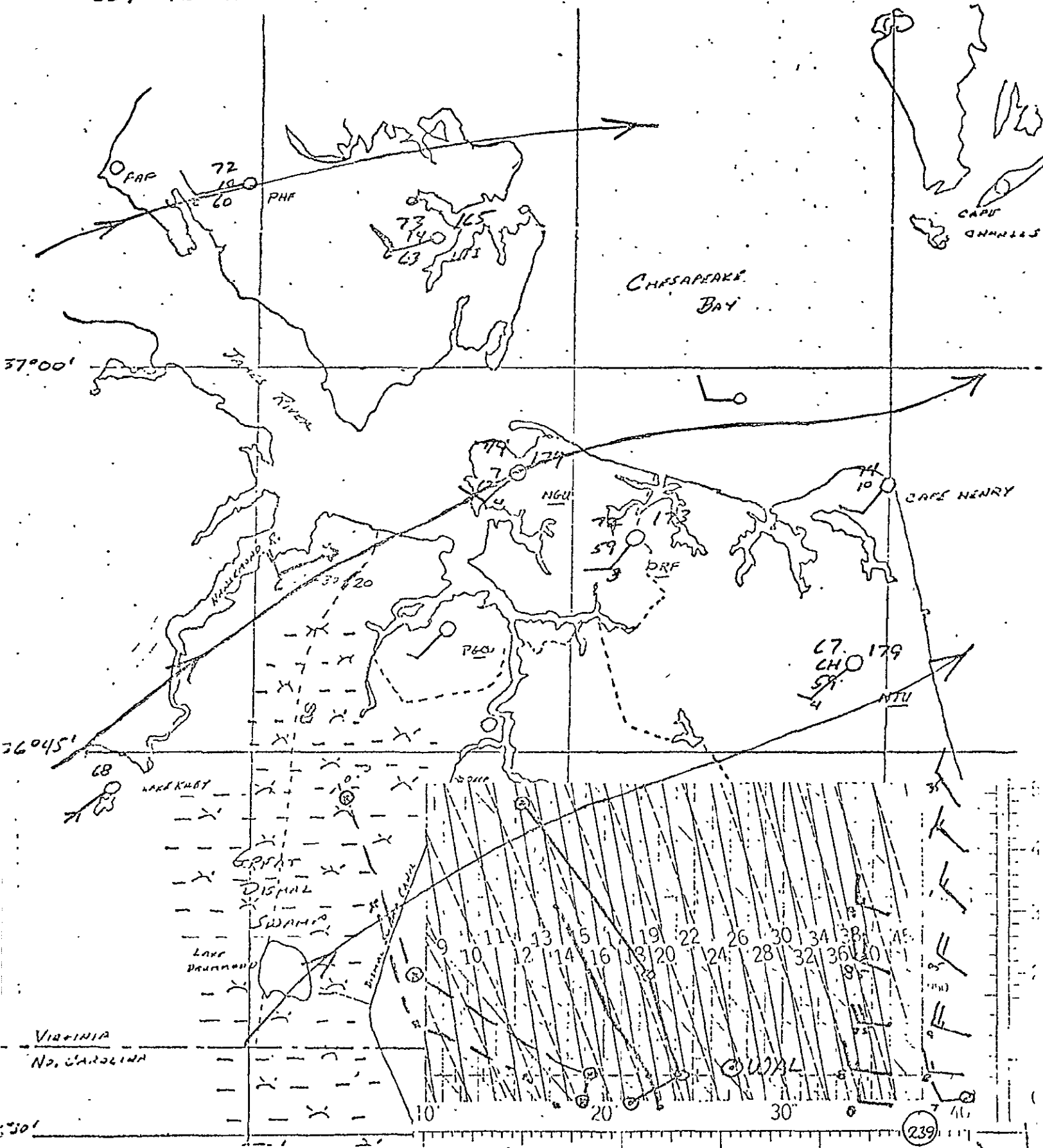
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NORFOLK, VIRGINIA 23502

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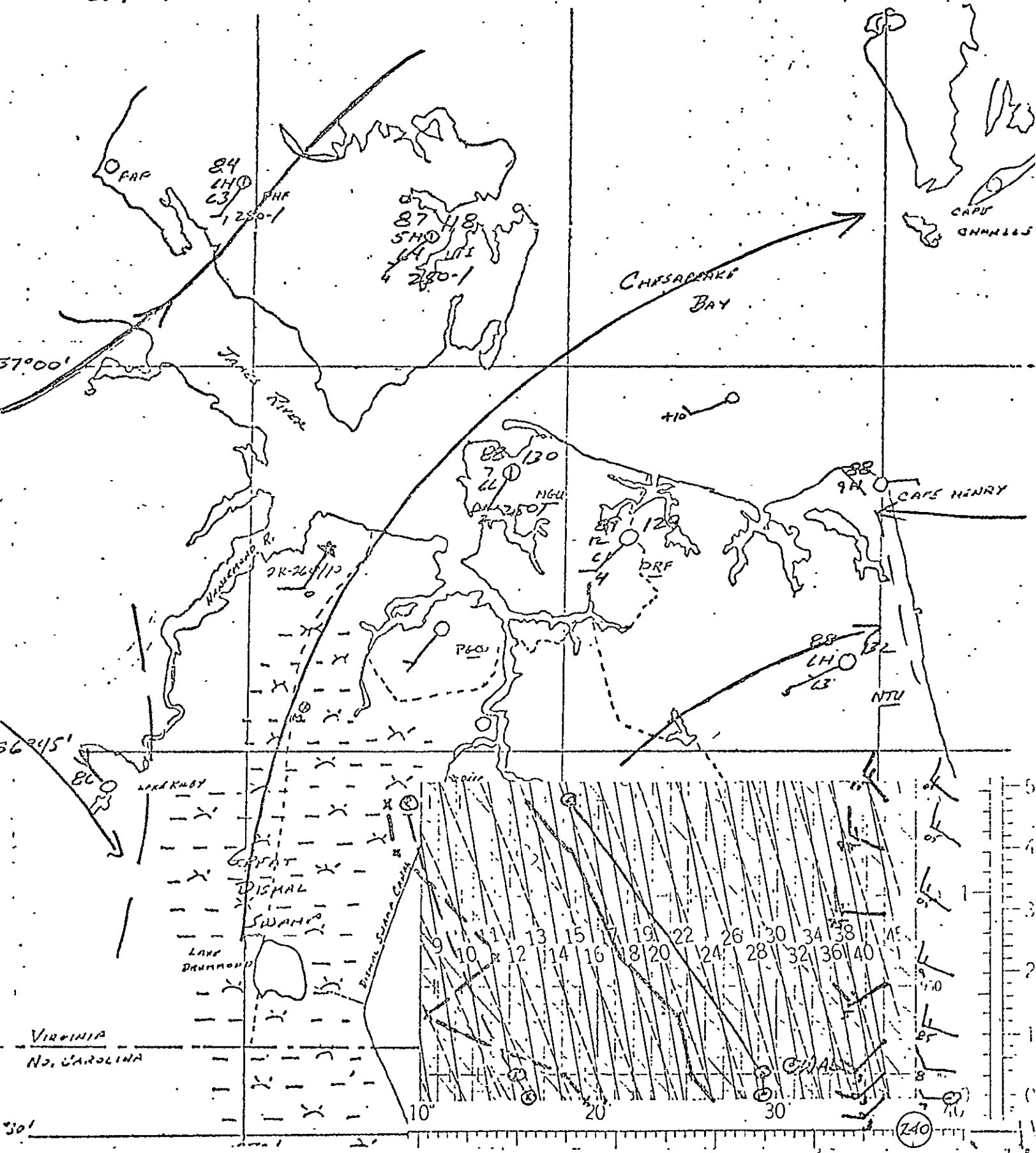
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COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23503

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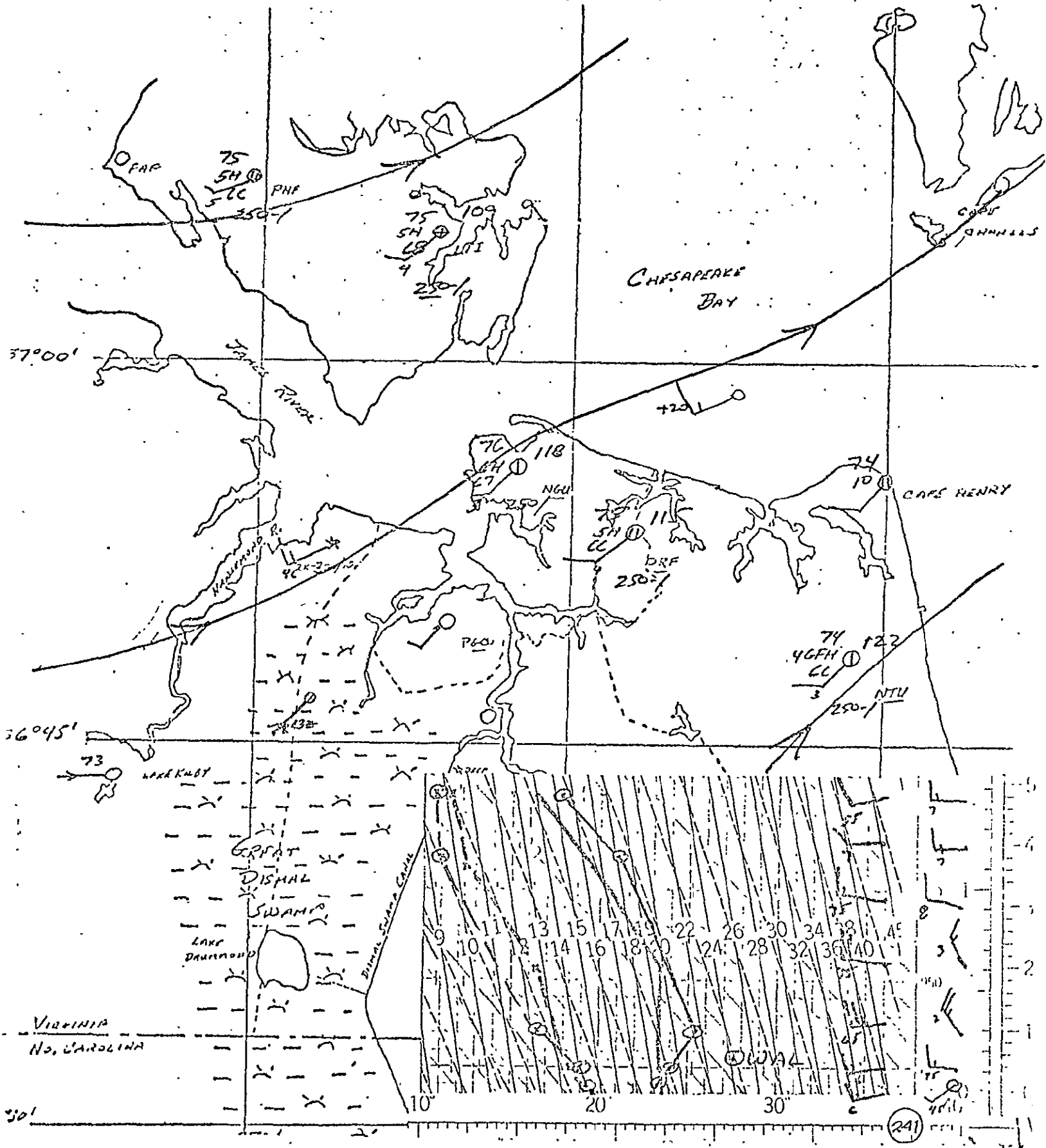
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NORFOLK, VIRGINIA 23502

DATE 15 JULY 74/12Z

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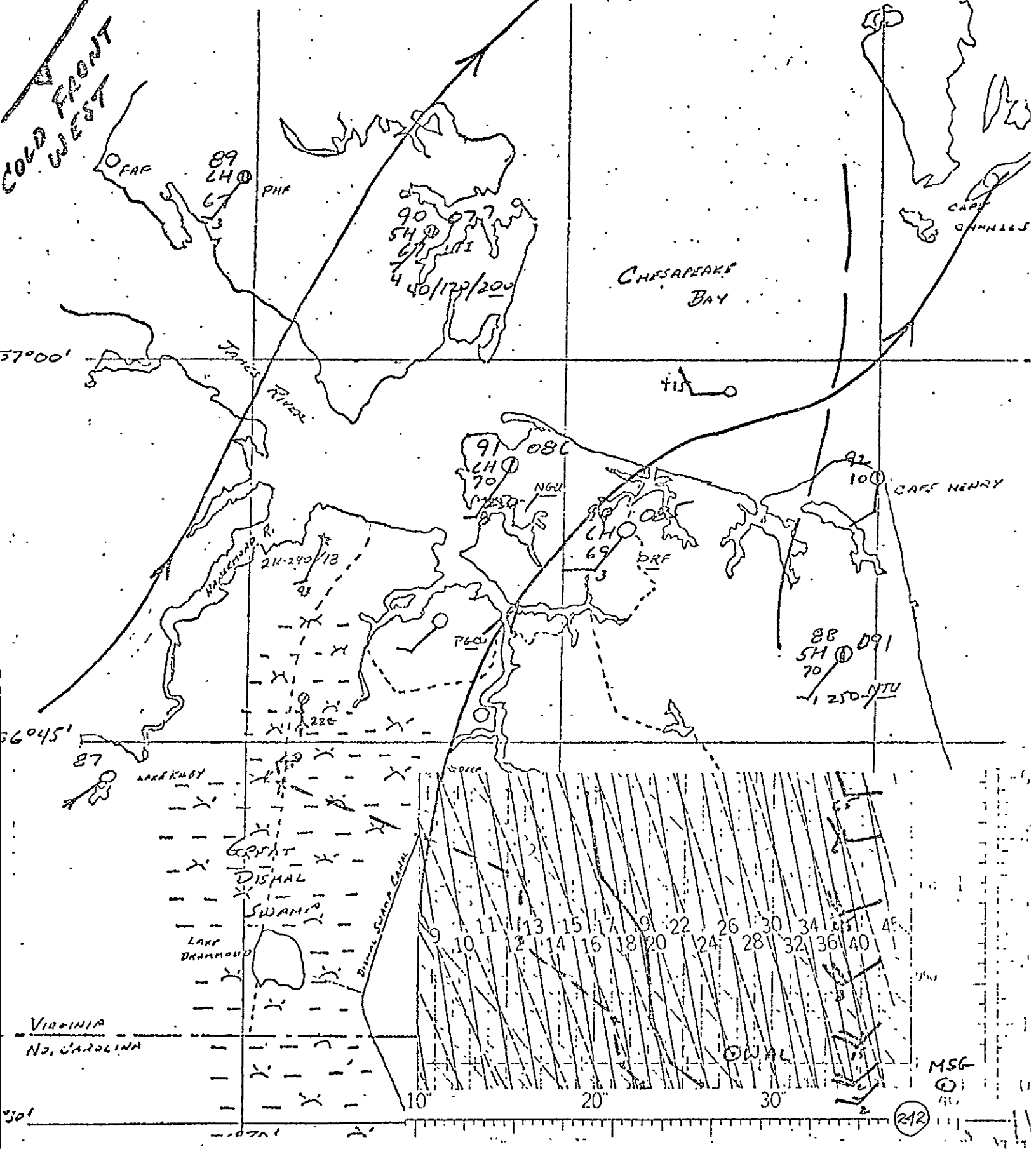
COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

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DATE 16 July 74/002

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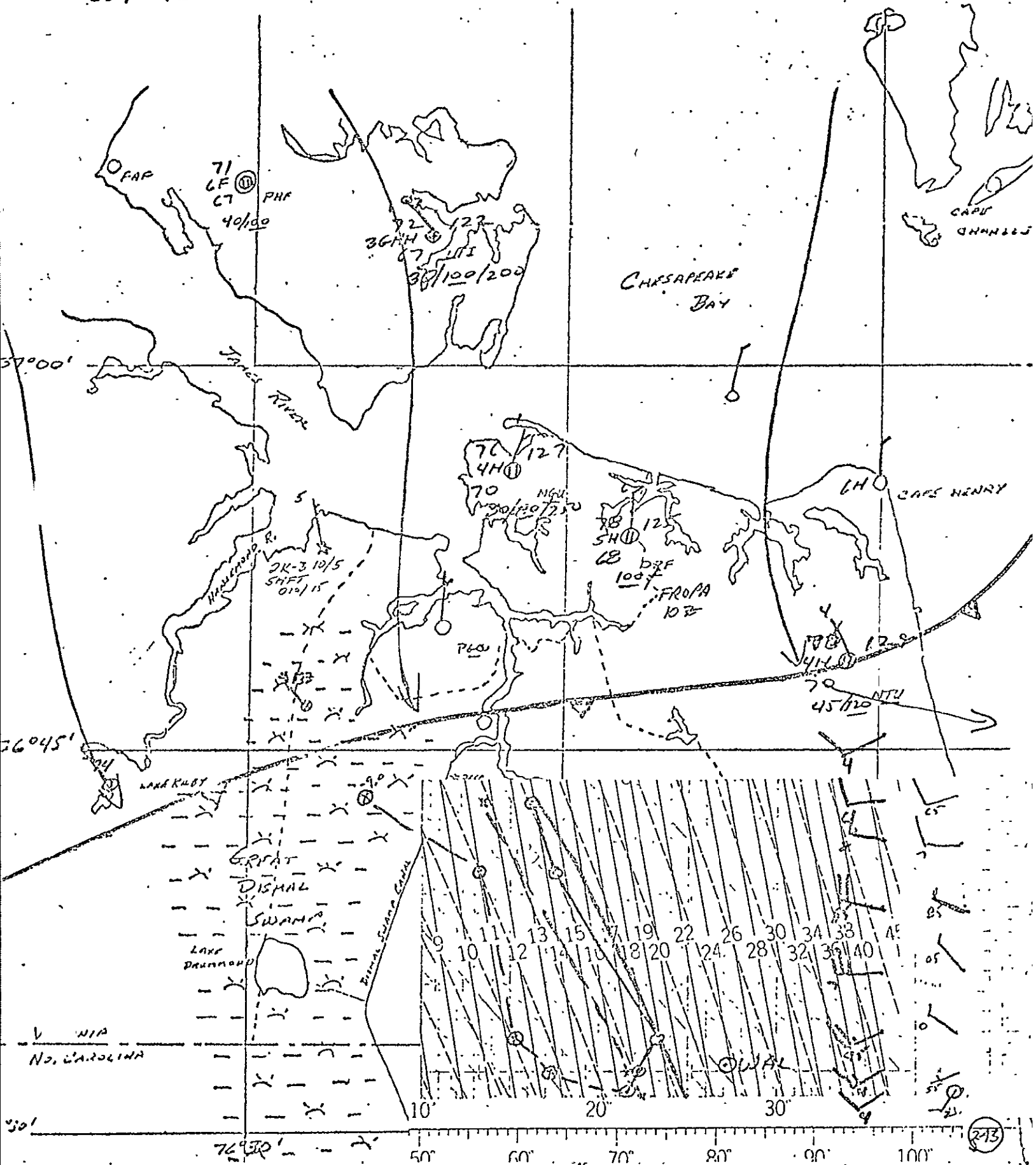
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NORFOLK, VIRGINIA 23302

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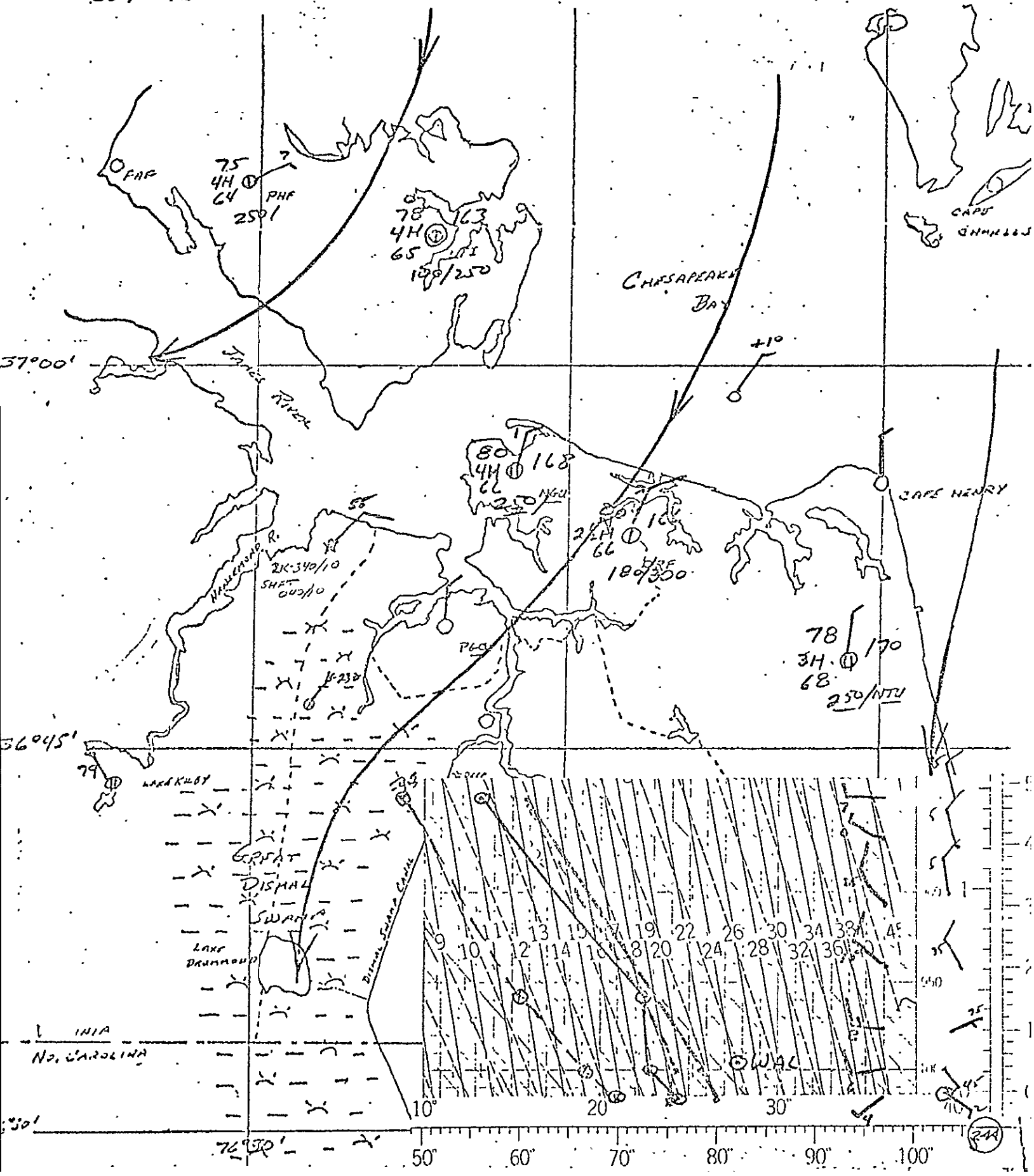
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COMMONWEALTH WEATHER SERVICE
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 NORFOLK, VIRGINIA 23302

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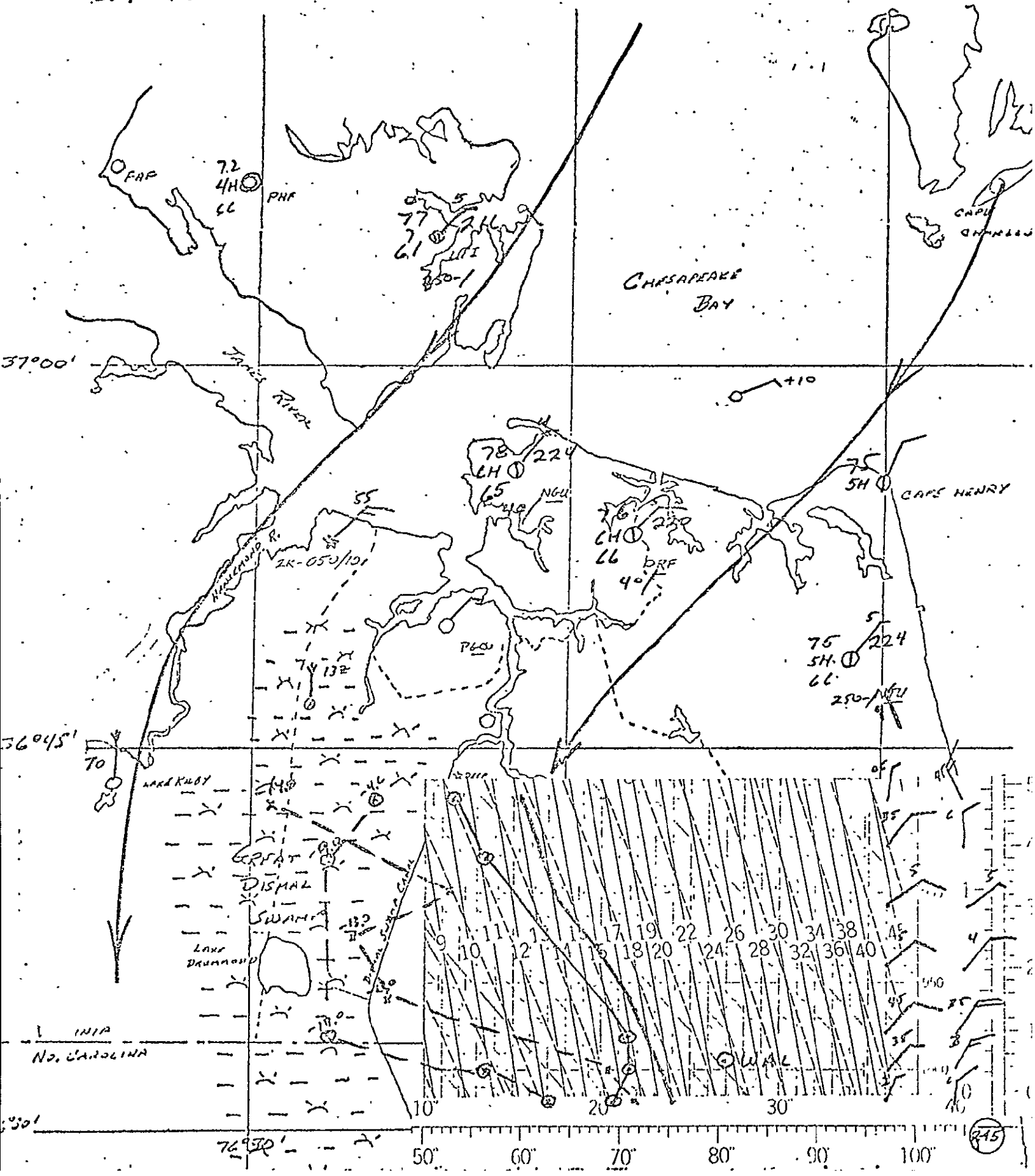
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NORFOLK, VIRGINIA 23502

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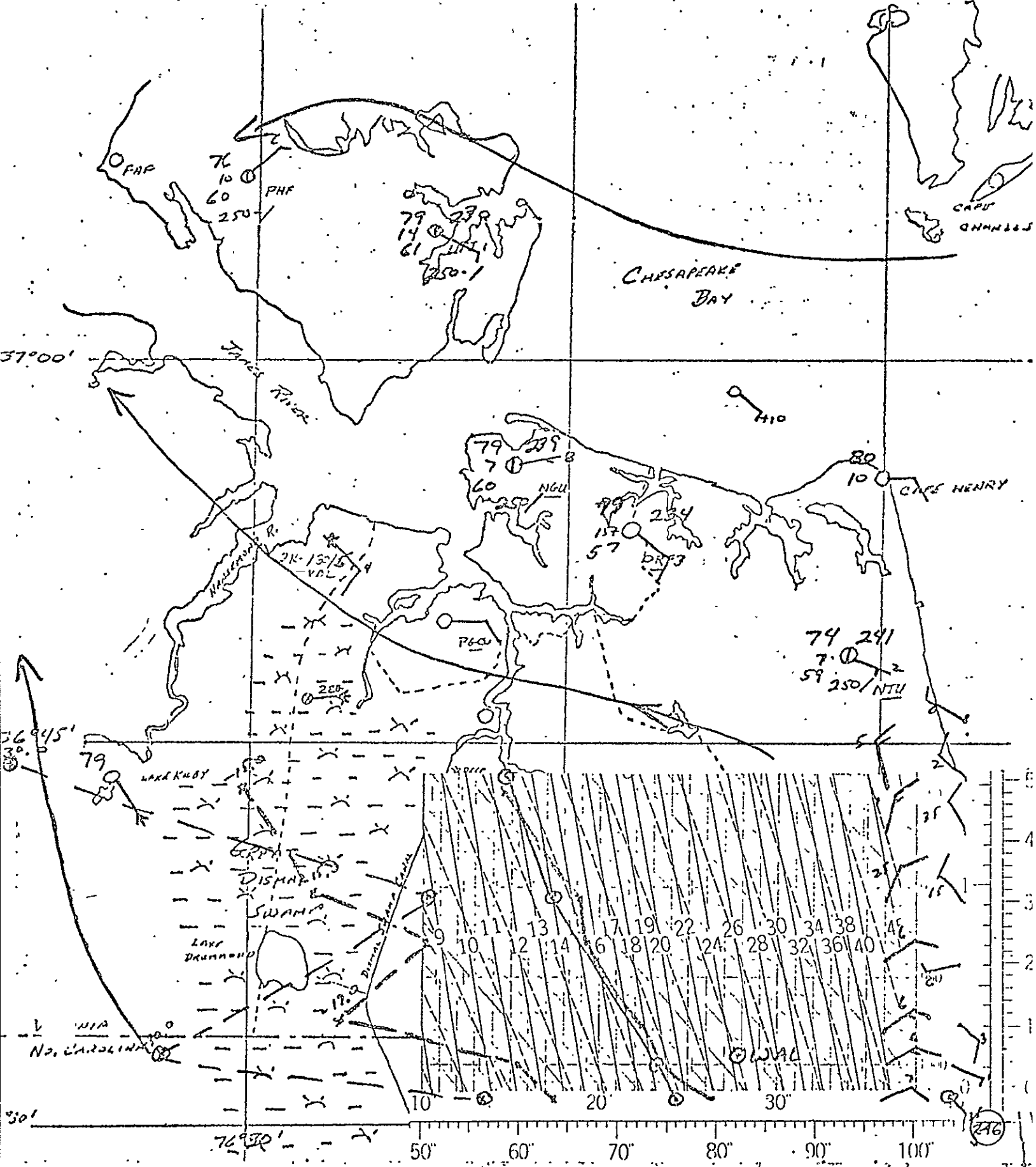


COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

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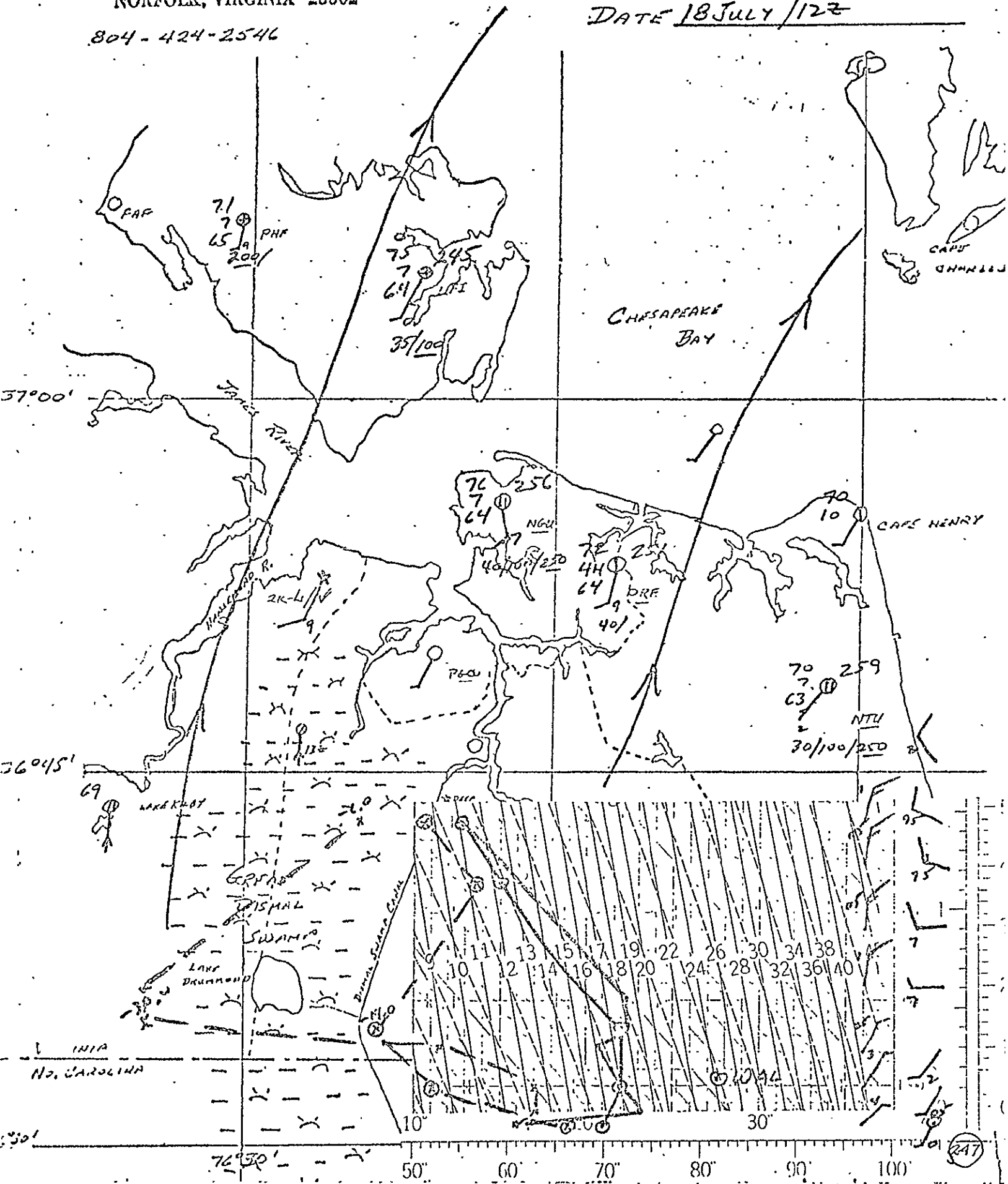


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NORFOLK, VIRGINIA 23302

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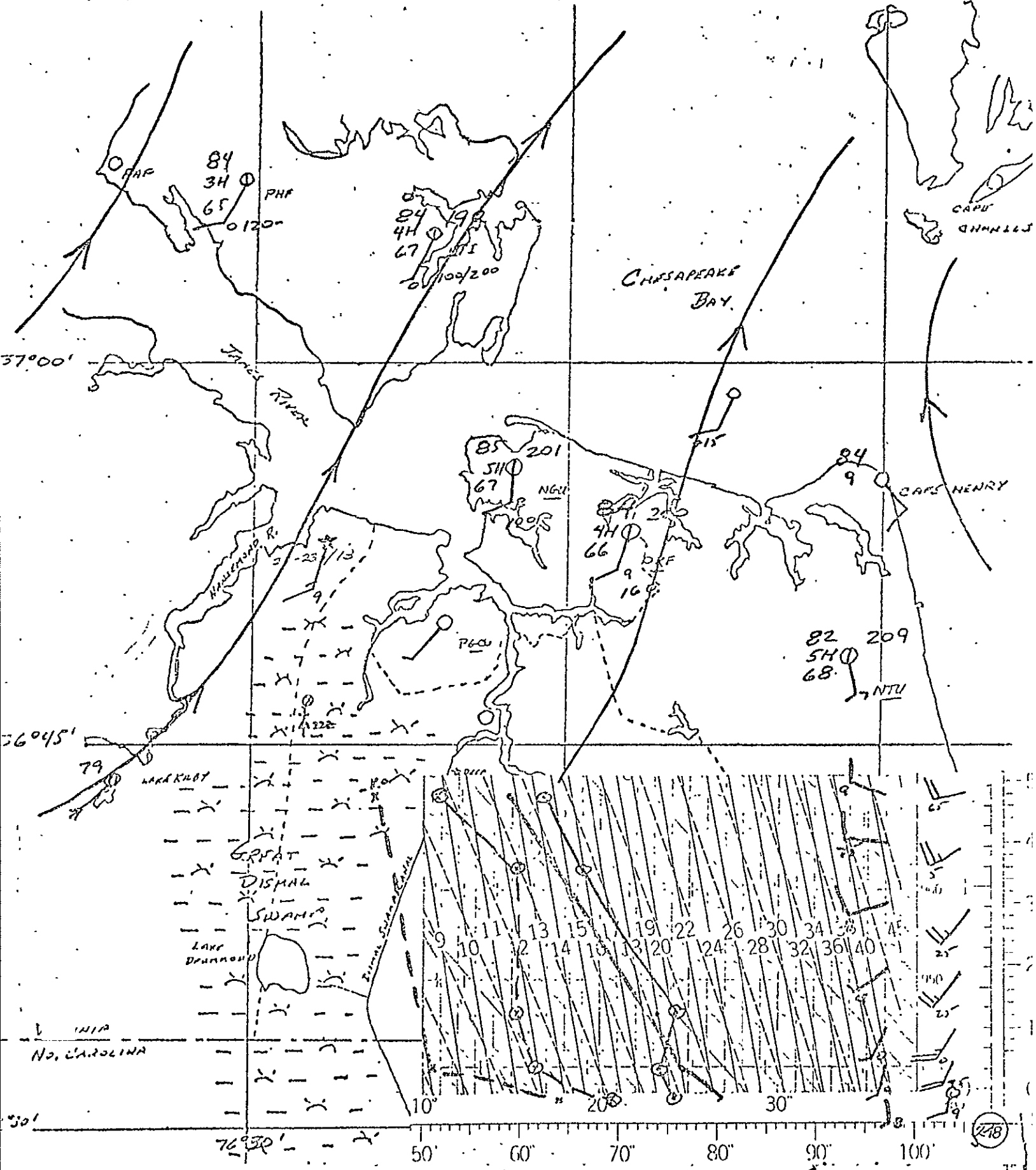
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COMMONWEALTH WEATHER SERVICE
463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23302

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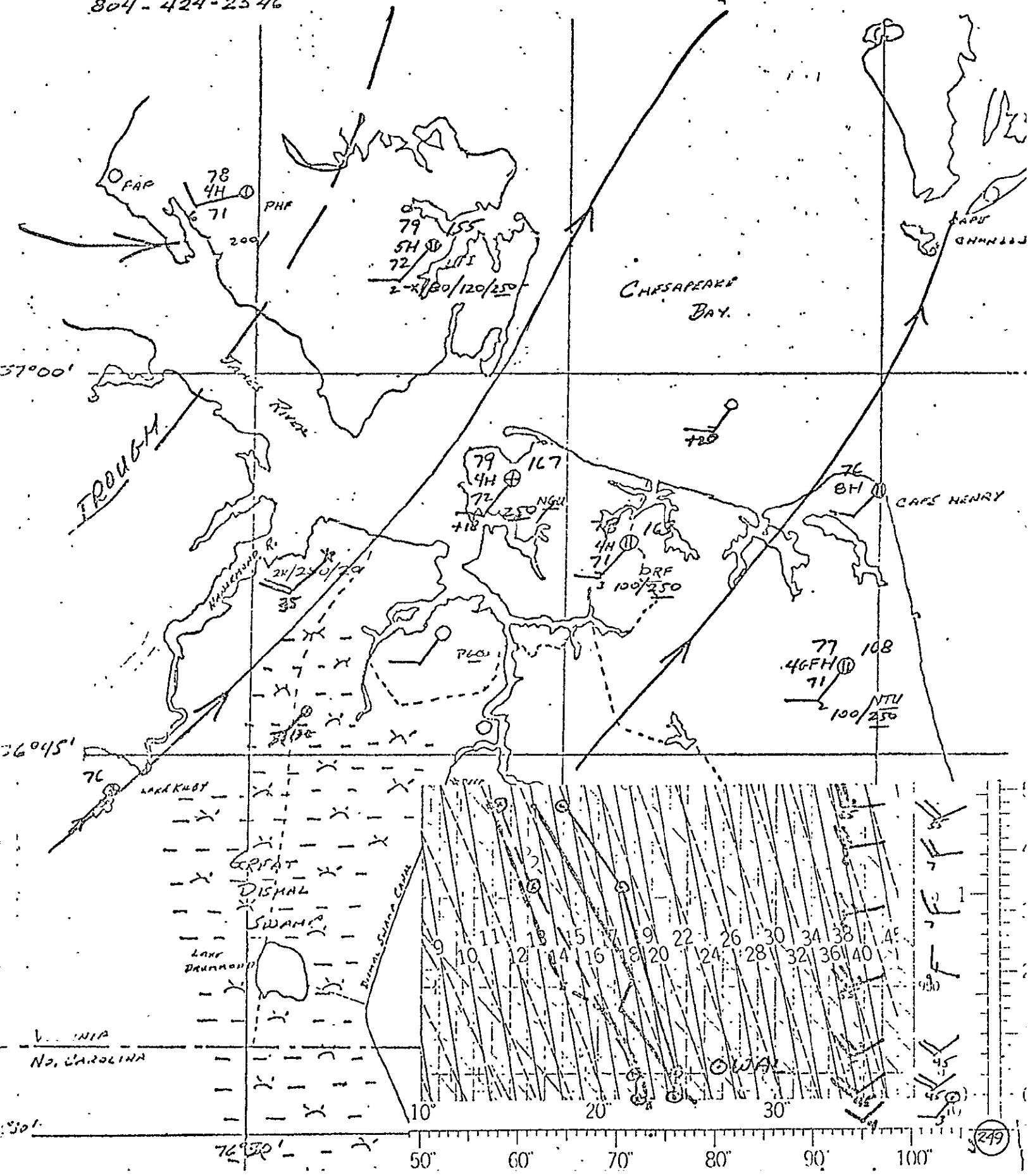
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NORFOLK, VIRGINIA 23302

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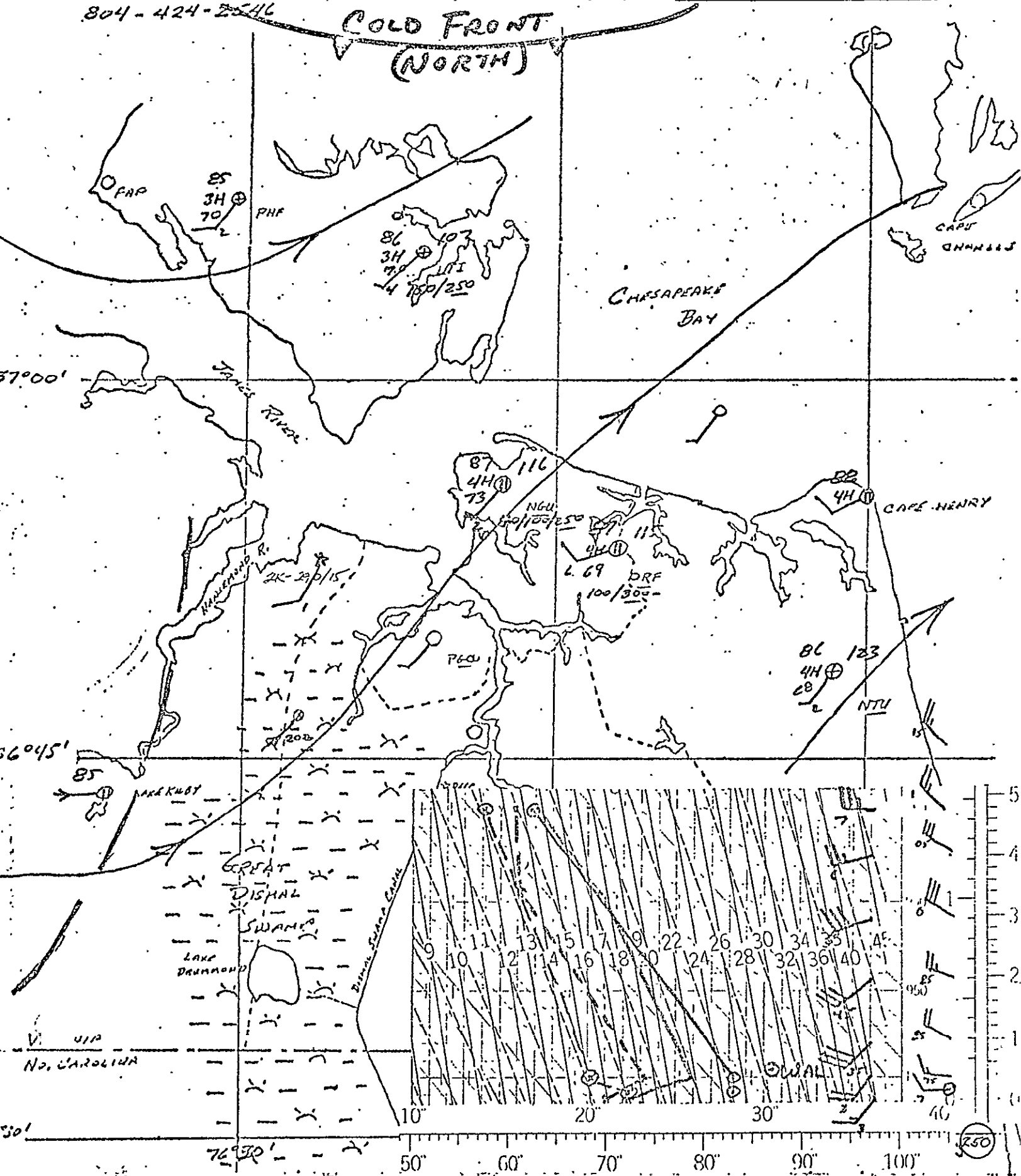


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463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23509

DATE 20 July 74/002

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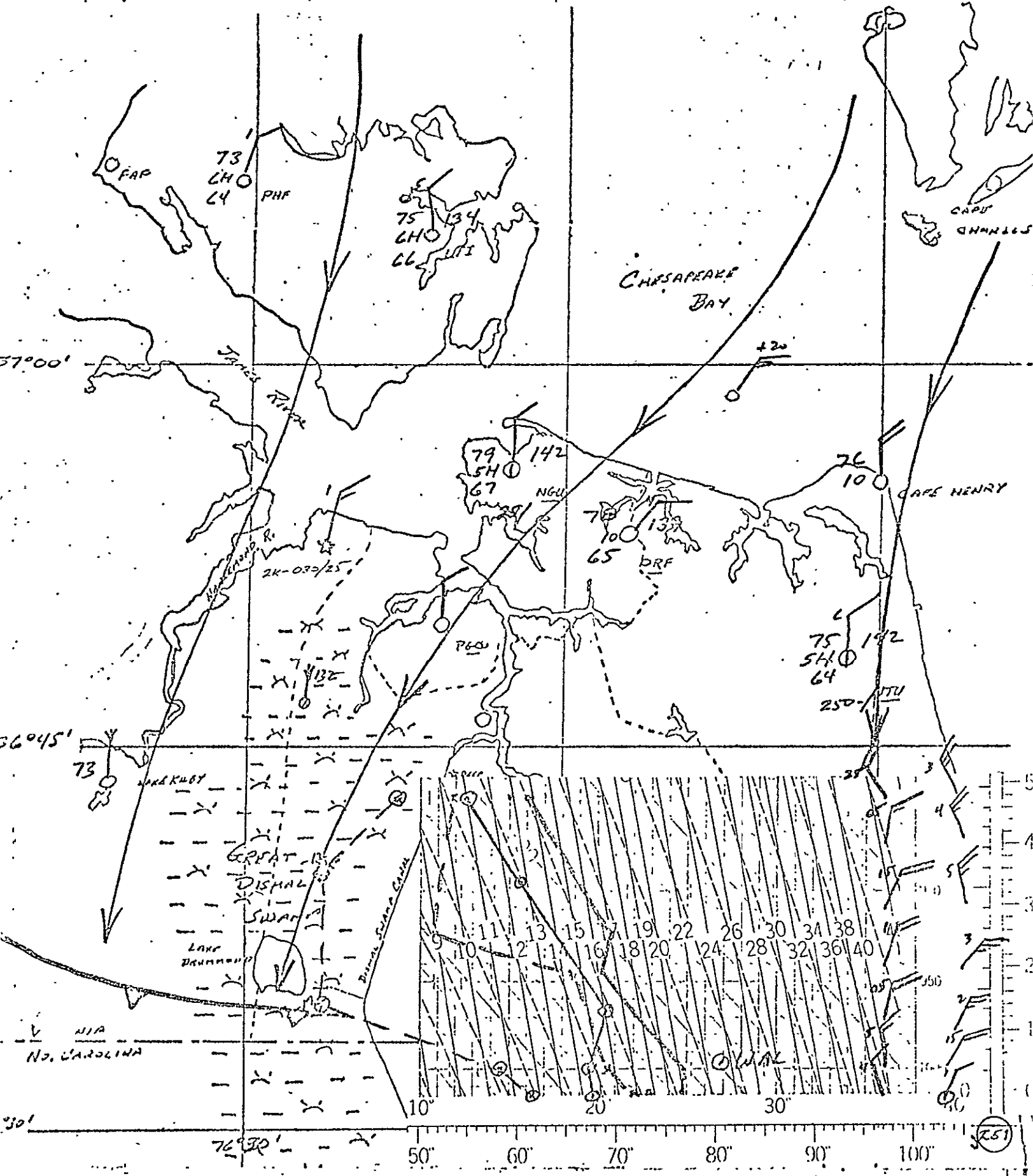
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463 NORTH MILITARY HIGHWAY
NORFOLK, VIRGINIA 23502

DATE 20 JULY 74 / 12Z

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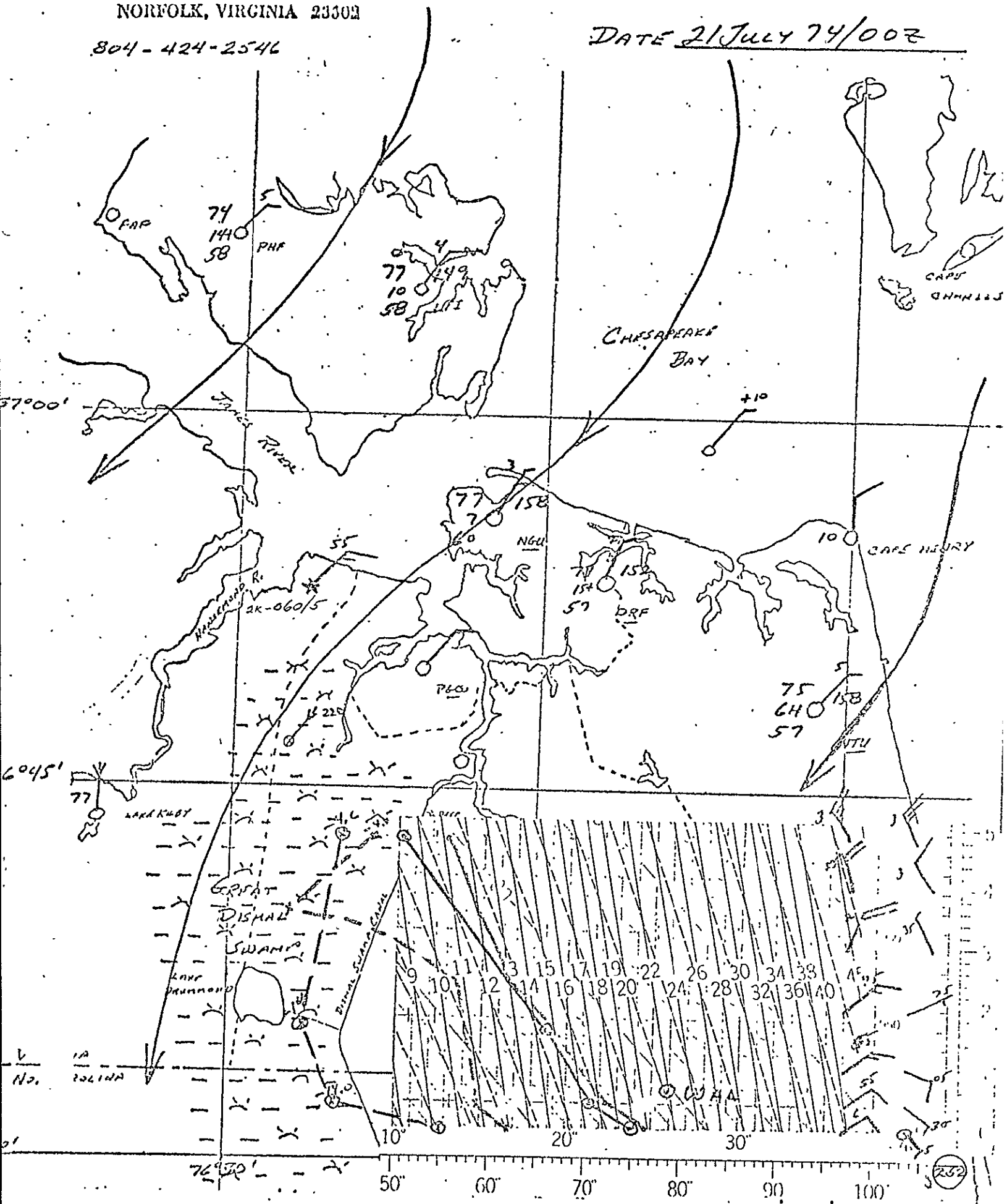


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NORFOLK, VIRGINIA 23502

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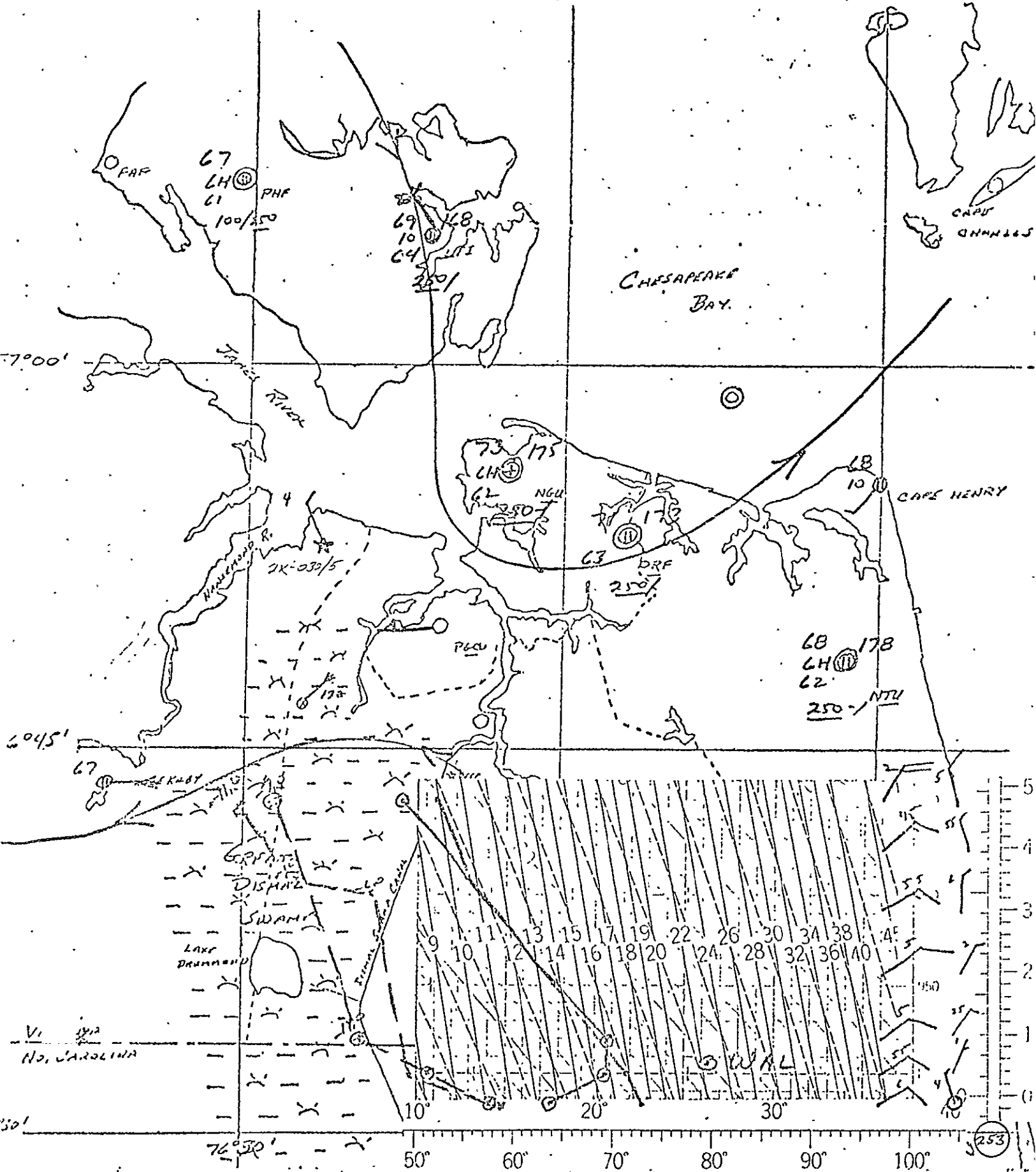
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NORFOLK, VIRGINIA 23302

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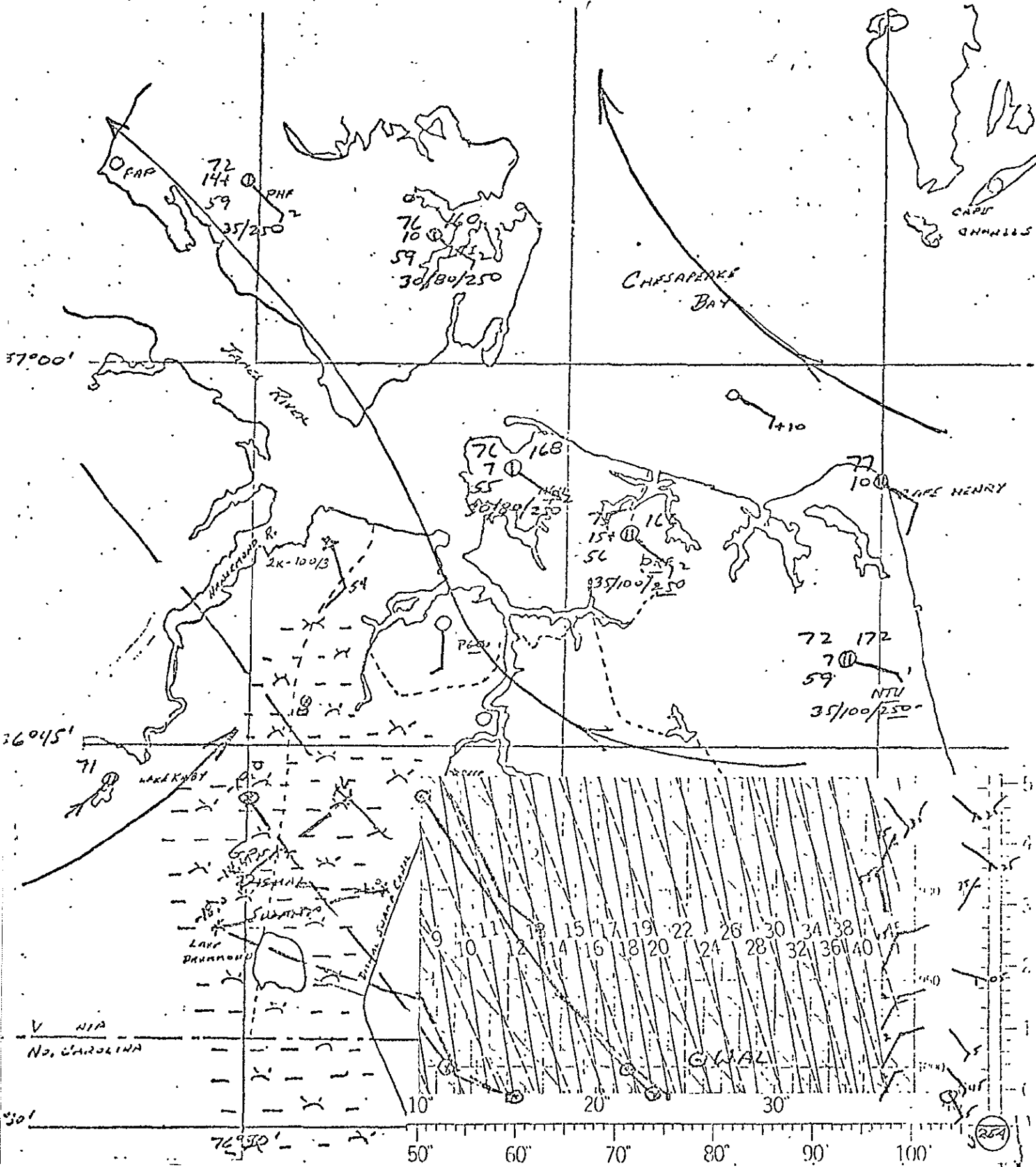


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