



synmap not plotting  
no archive/40021h.xml

1720Z	17 54	64 40	NOAA 42 fix 972mb
1754Z	17 49	64 54	NOAA 42 fix
1755Z	17 49	64 53	AF fix
1730Z	17 50	64 59	NOAA 42 fix
1803Z	17 50	65 05	NOAA 42 fix
1839Z	17 53	65 09	NOAA 42 fix drop

85kt FOT 20/15  
78kt FAT

## HRD Dropwindsonde Scientist Log (Revised 7/98)

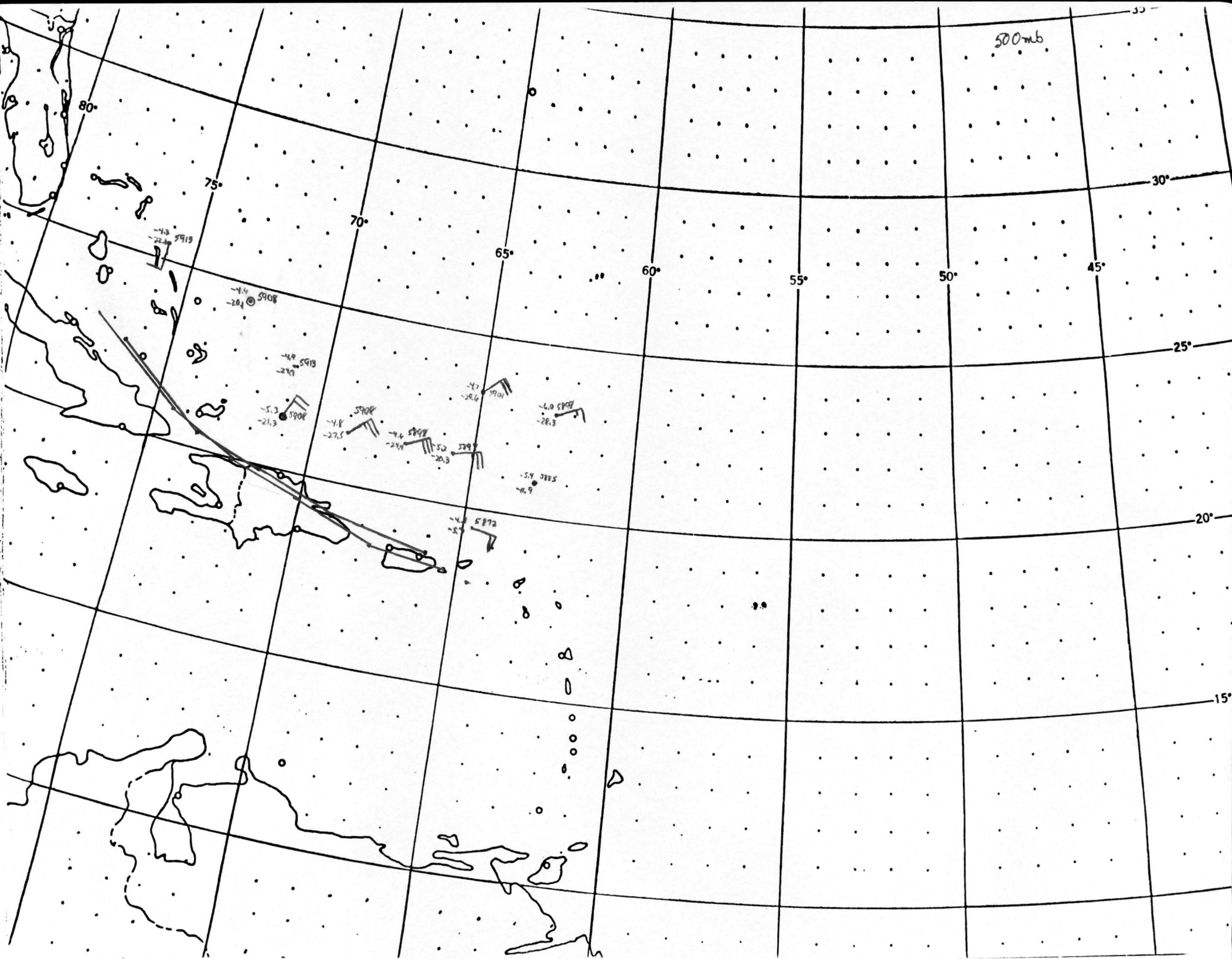
Storm Georges  
Flight ID 980921H  
Mission ID WX03A GEORGES

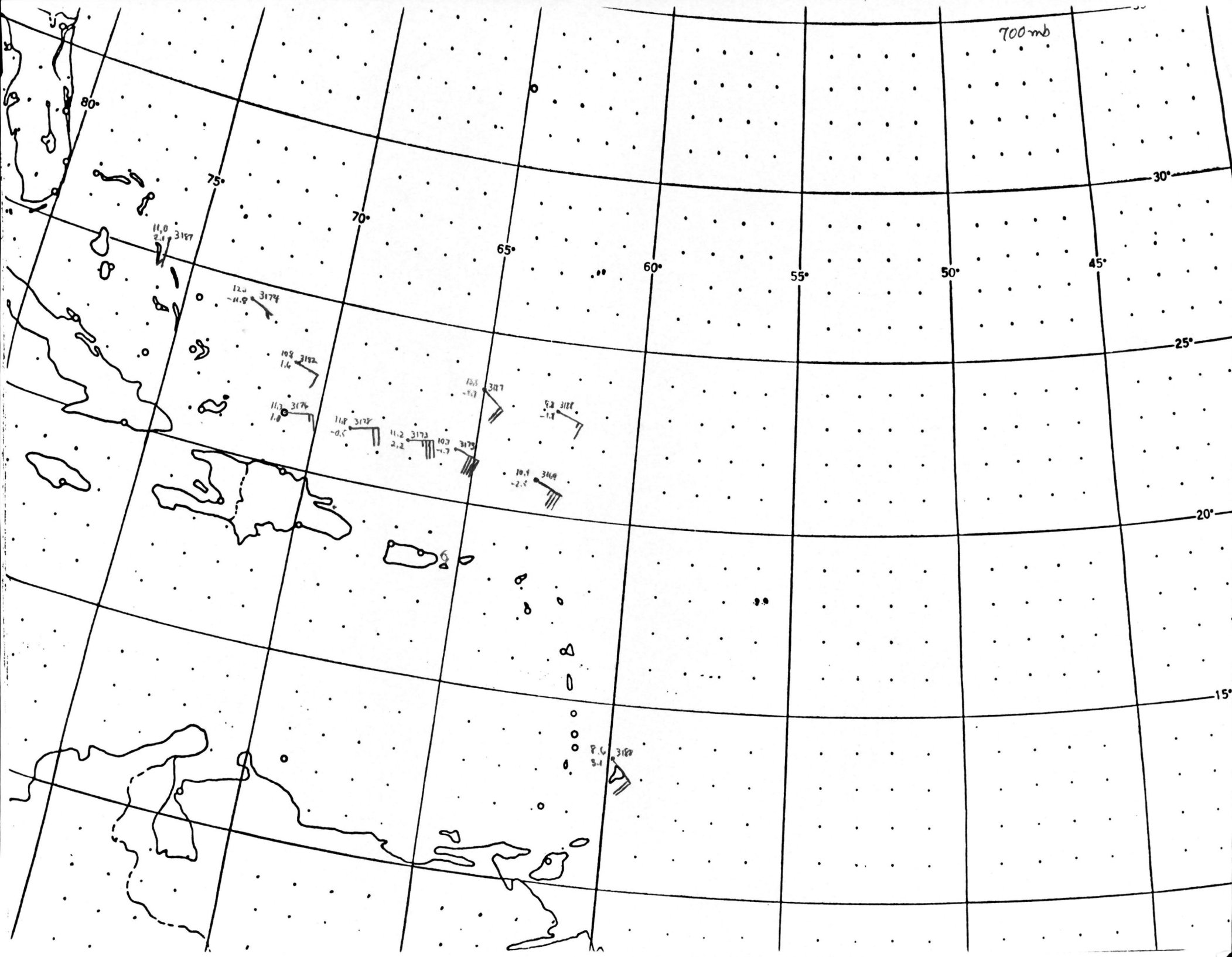
Dropsonde Scientist(s) ~~Burr~~ Abersson  
AVAPS Operator(s) Burr

Page 1 of 2  
Takeoff        UTC  
Landing        UTC

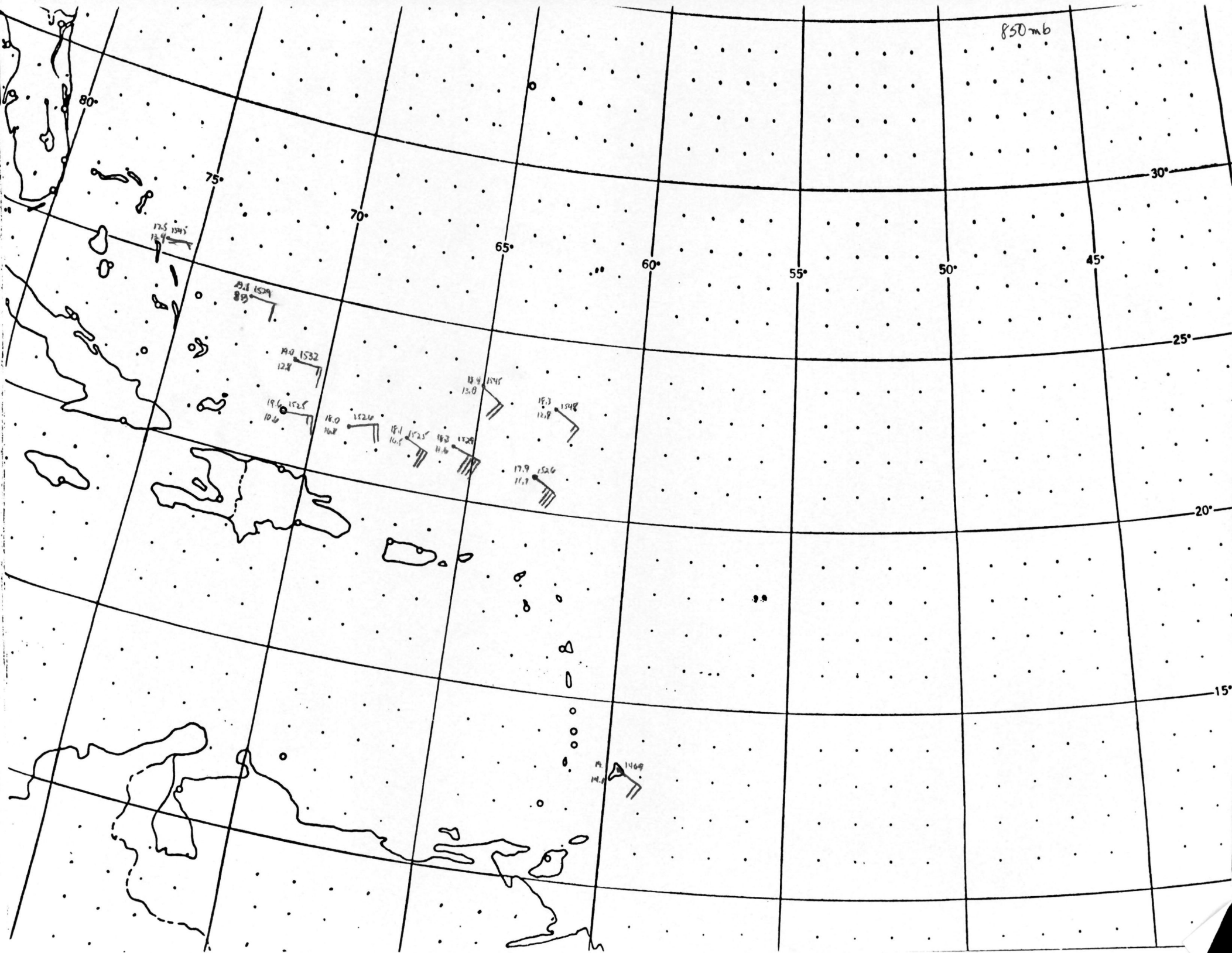
Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/W5 (kt)	Comments	Prc ?	Xmt ?
1	973840072	172856	16° 32.5	63° 23.1						lost data, rebooted AVAPS quickly	X	X
2	974910008	173800	17° 3.2	63° 52.6						rainband SE point SFC=43 MBL=51 SFC=78 MBL=79	✓	034
3	981950044	174929	17° 42.0	64° 53.0						near St. Proix, eye wall SE, well Ruz	✓	035
4	974940039	175401	18° 1.2	65° 12.1						eye wall NW, wind Ruz, 5mb pressure bias	✓	037
5	981950074	181131	18° 28.6	65° 38.8						rainband NW point SFC=43 MBL=50	✓	038
6	973410147	184332	17° 56.3	63° 59.9						rainband E point SFC=43 MBL=54	✓	040
7	974940063	185921	18° 3.2	64° 51.1						eye wall NE, lightning, turbulence 290m=118kt	✓	041
8	975020084	190829	17° 33.6	65° 21.7						eye wall SW, pressure bias 5.3mb SFC=98 MBL=45	✓	043
9	974940044	191741	17° 4.6	65° 41.9						rainband SW point, pressure bias 6.3mb	✓	044
10	974730077	193855	17° 55.2	65° 11.0						lightning Ruz 971mb, pressure bias 3.5mb Sond didn't have sond ready SFC=71 MBL=72	✓	033
11	982430017	194512	18° 23.0	65° 11.5						eye wall N, use Ruz	✓	046
12	974910014	203322	21° 0.9	62° 59.7						syn map tie flow ↓, data winds SFC=22 MBL=29	✓	047
13	982720290	205835	23° 2.4	62° 35.0						SFC=19 MBL=15	✓	048
14	981820016	212546	23° 25.5	65° 28							✓	051
15	974730046	214930	21° 29.2	65° 34.2						SFC=23 MBL=30	✓	054
16	981820090	220610	21° 28.7	67° 10.0						SFC=18 MBL=22	✓	055
17	981810049	222547	21° 31.6	69° 1.3						use Ruz SFC=20 MBL=21	✓	058
18	981750020	224729	21° 31.8	71° 2.4							✓	061

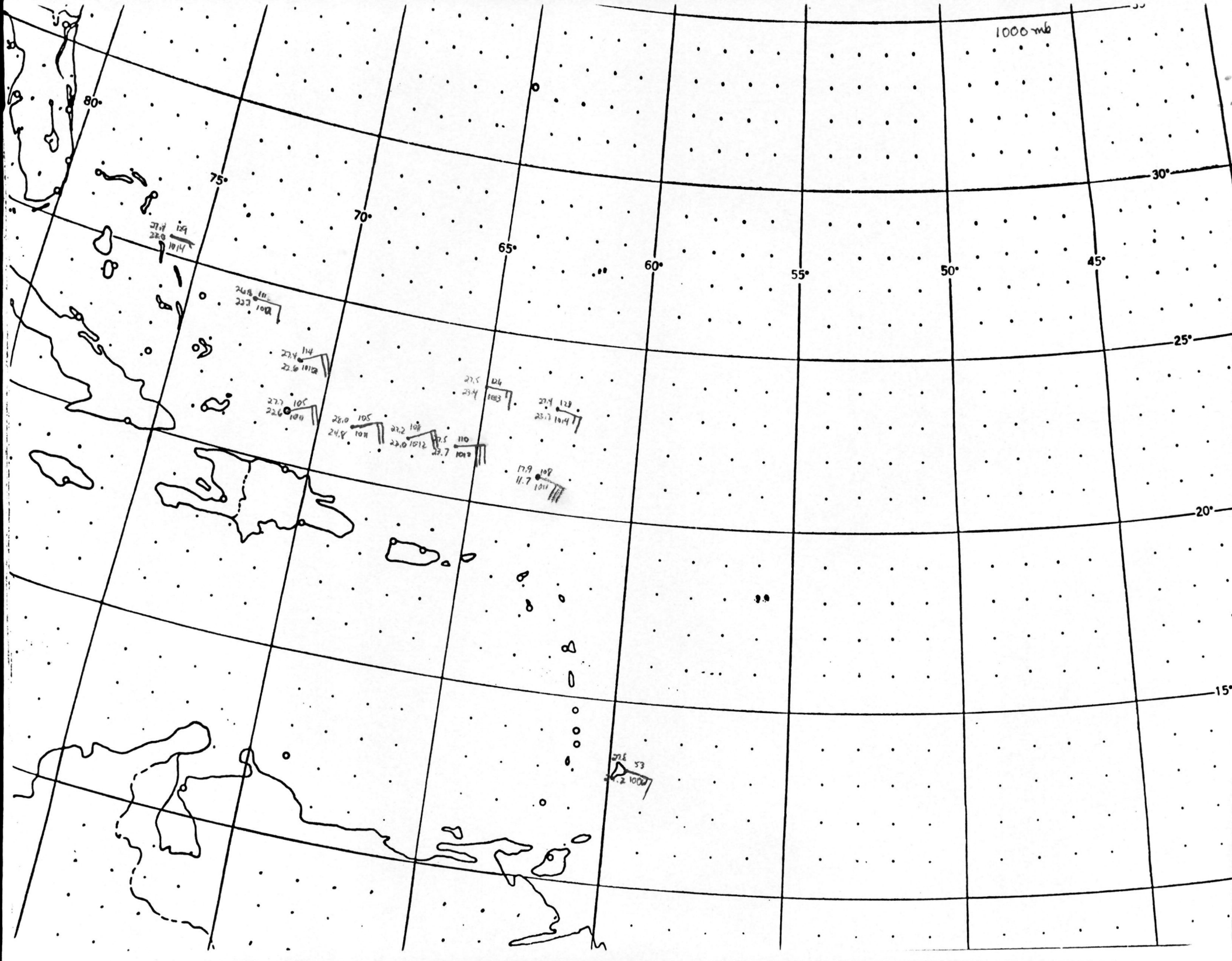
winds at 400  
SFC according  
to Ruz, 4 on  
12/1/98

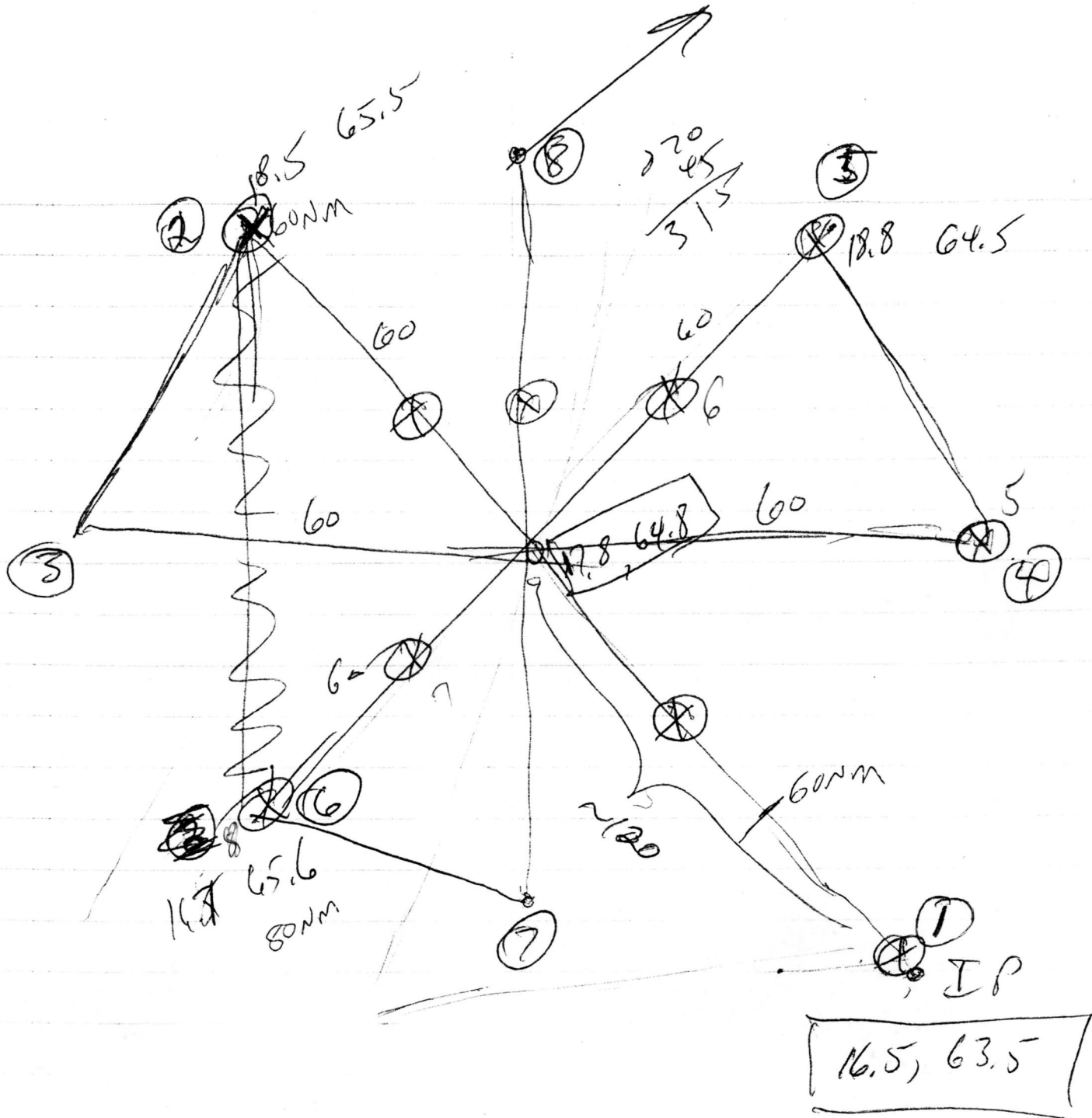


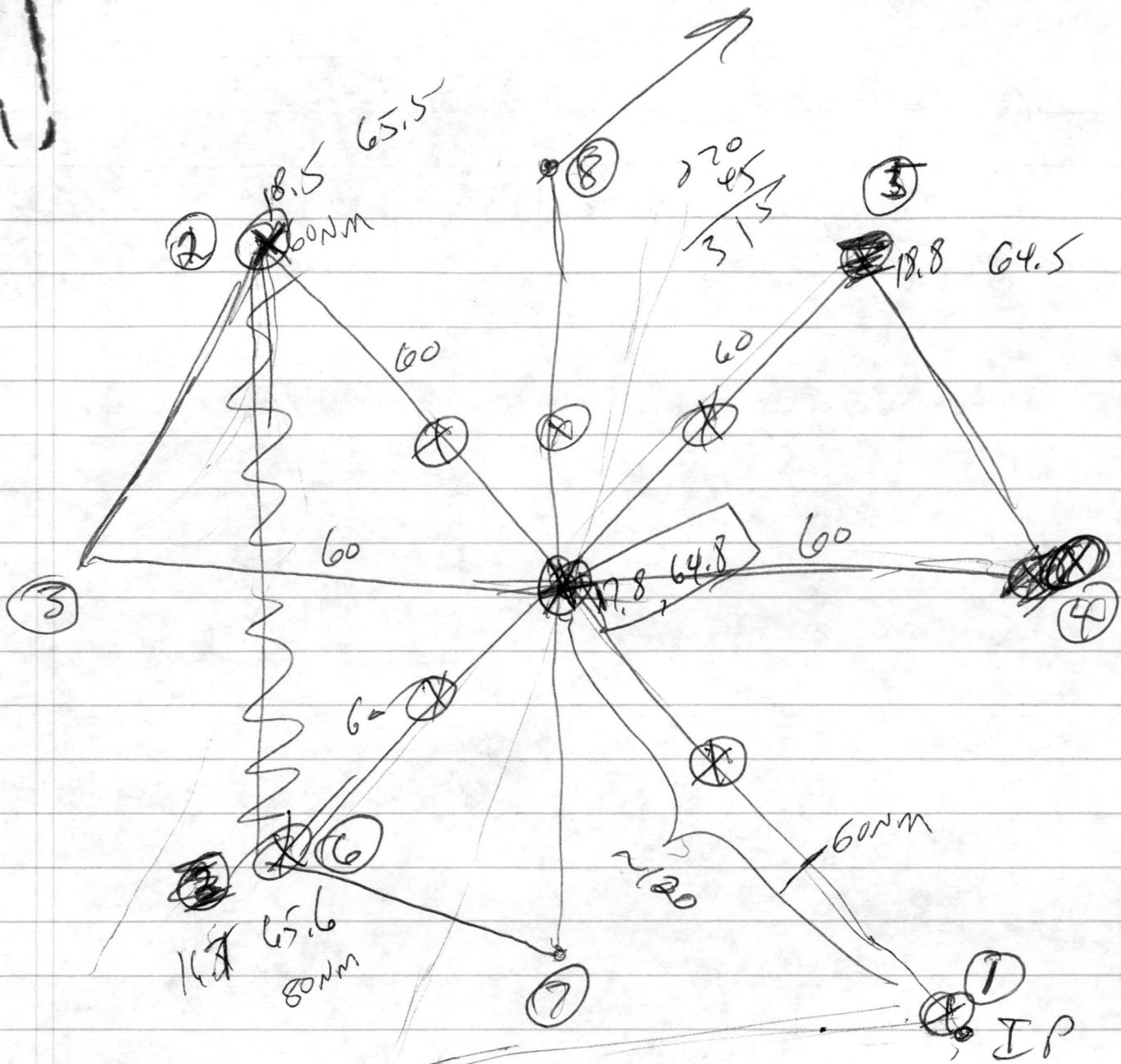






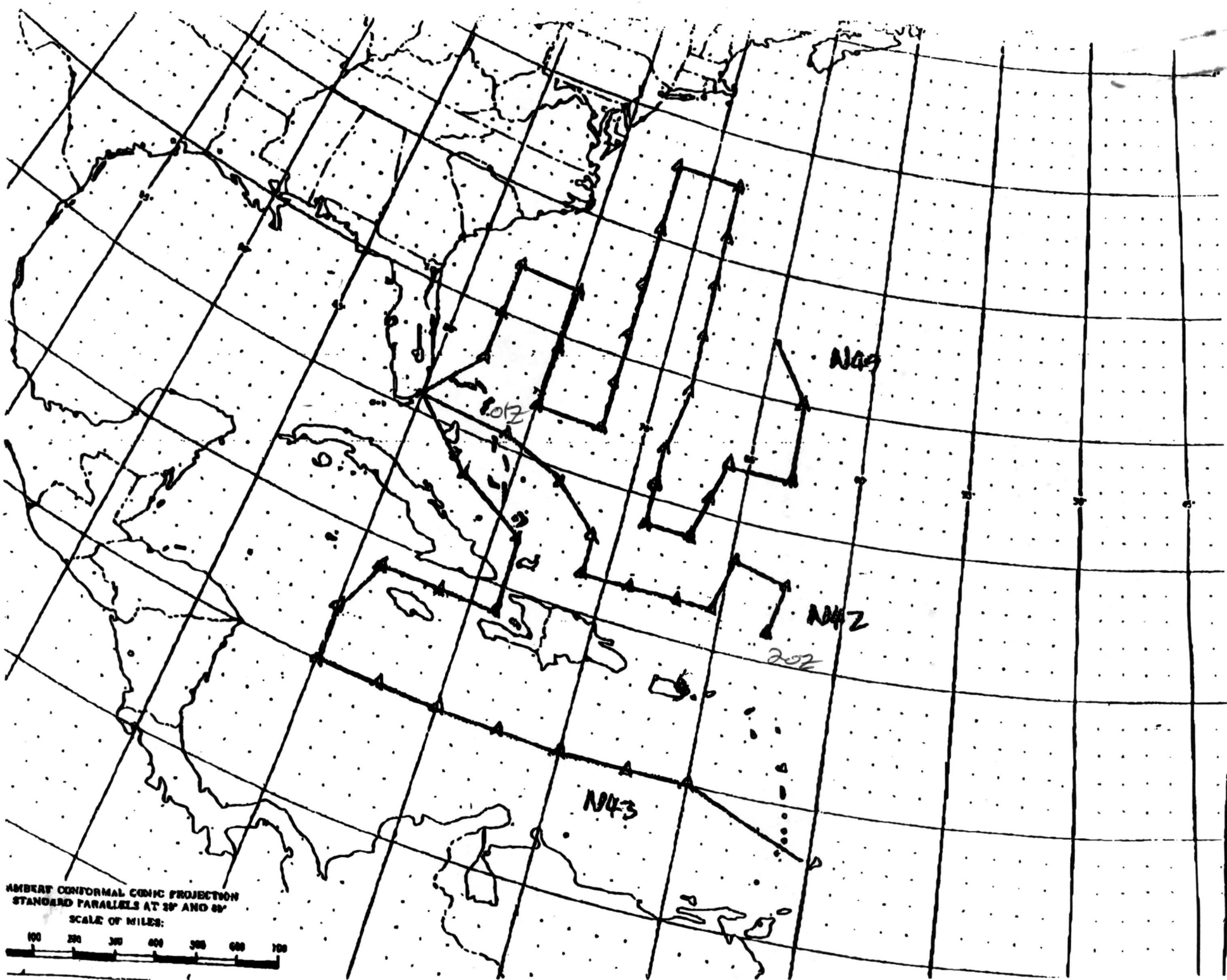






16.5, 63.5





AMBERT CONFORMAL CONIC PROJECTION  
STANDARD PARALLELS AT 34° AND 64°  
SCALE OF MILES:  
100 200 300 400 500 600 700

ZCZC MIATCDAT2  
TTAA00 KNHC 210838  
HURRICANE GEORGES DISCUSSION NUMBER 24  
NATIONAL WEATHER SERVICE MIAMI FL  
5 AM EDT MON SEP 21 1998

THE INITIAL MOTION ESTIMATE IS 285/15. THE TRACK GUIDANCE IS LITTLE CHANGED FROM EARLIER. THE GFDL MODEL SHOWS A WEST-NORTHWESTWARD MOTION TO OVER CUBA IN 72 HOURS AND THE UKMET SHOWS A NORTHWESTWARD MOTION TO JUST EAST OF THE BAHAMAS IN 72 HOURS. THE NOGAPS IS IN BETWEEN THE GFDL AND UKM AND SLOWER. THE LBAR IS SIMILAR TO THE GFDL. THE OFFICIAL FORECAST IS CHANGED VERY LITTLE FROM THE PREVIOUS ADVISORY AND IS IN THE MIDDLE OF THE GUIDANCE. THIS FORECAST REQUIRES A HURRICANE WARNING FOR THE DOMINICAN REPUBLIC. A WATCH WILL PROBABLY BE NEEDED FOR HAITI SHORTLY.

AN AIR FORCE RECON CURRENTLY IN THE HURRICANE HAS FOUND MAX FLIGHT LEVEL WINDS OF ONLY 93 KNOTS AND THE CENTRAL SURFACE PRESSURE IS 997 MB. THE MAXIMUM ONE MINUTE SURFACE WINDS ARE DECREASED FROM 100 TO 95 KNOTS BASED ON THE RECON DATA. IF THE TRACK ACTUALLY GOES OVER PUERTO RICO AND HISPANIOLA...THERE COULD BE FURTHER WEAKENING. IF THE TRACK STAYS OVER WATER...THERE COULD BE SOME STRENGTHENING AS REFLECTED IN THE OFFICIAL FORECAST.

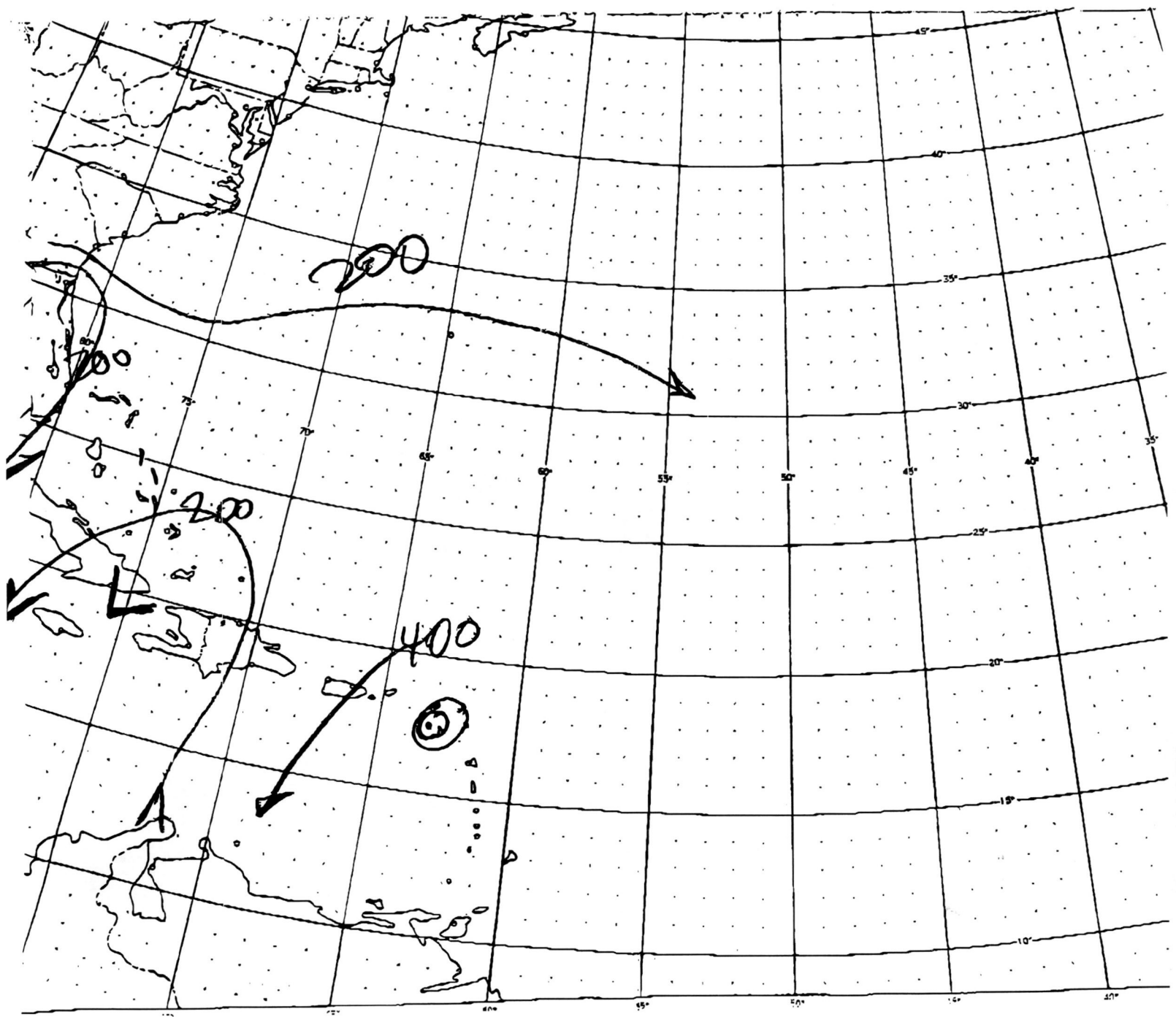
AN UNOFFICIAL REPORT HAS BEEN RECEIVED FROM ANTIGUA OF 90 KNOTS SUSTAINED AND A GUST TO 101 KNOTS...SEVERAL HOURS AGO. THE WIND AT ST THOMAS PICKED UP TO 50 KNOTS AT 08Z.

LAWRENCE

FORECAST POSITIONS AND MAX WINDS

INITIAL	21/0900Z	17.4N	63.1W	95 KTS
12HR VT	21/1800Z	18.0N	65.2W	100 KTS
24HR VT	22/0600Z	18.7N	68.2W	100 KTS
36HR VT	22/1800Z	19.4N	70.7W	100 KTS
48HR VT	23/0600Z	20.0N	72.8W	100 KTS
72HR VT	24/0600Z	21.5N	76.0W	100 KTS

NNNN



GEORGES / 97  
 sfcp = 967 mb

ZCZC MIATCMAT2  
TTAA00 KNHC 210839  
HURRICANE GEORGES FORECAST/ADVISORY NUMBER 24  
NATIONAL WEATHER SERVICE MIAMI FL AL0798  
0900Z MON SEP 21 1998

AT 5 AM AST...0900Z...HURRICANE WARNINGS ARE ISSUED FOR THE  
DOMINICAN REPUBLIC. HURRICANE WARNINGS ARE NOW IN EFFECT FOR THE  
ISLANDS OF THE NORTHEAST CARIBBEAN SEA FROM DOMINICA NORTHWARD AND  
WESTWARD THROUGH THE DOMINICAN REPUBLIC. THIS INCLUDES ALL OF THE  
VIRGIN ISLANDS AND PUERTO RICO AND ANTIGUA...BARBUDA...NEVIS...ST  
KITTS...SABA...ST MARTIN...ANGUILLA...GUADELOUPE AND DOMINICA.

THE TROPICAL STORM WARNING AND HURRICANE WATCH ARE DISCONTINUED FOR  
MARTINIQUE AND ST. LUCIA.

HURRICANE CENTER LOCATED NEAR 17.4N 63.1W AT 21/0900Z  
POSITION ACCURATE WITHIN 15 NM

PRESENT MOVEMENT TOWARD THE WEST NORTHWEST OR 285 DEGREES AT 15 KT

ESTIMATED MINIMUM CENTRAL PRESSURE 967 MB  
MAX SUSTAINED WINDS 95 KT WITH GUSTS TO 115 KT  
64 KT..... 75NE 50SE 40SW 40NW  
50 KT.....100NE 75SE 50SW 50NW  
34 KT.....150NE 125SE 75SW 75NW  
12 FT SEAS...400NE 200SE 200SW 400NW  
ALL QUADRANT RADII IN NAUTICAL MILES

REPEAT...CENTER LOCATED NEAR 17.4N 63.1W AT 21/0900Z  
AT 21/0600Z CENTER WAS LOCATED NEAR 17.2N 62.2W

FORECAST VALID 21/1800Z 18.0N 65.2W  
MAX WIND 100 KT...GUSTS 120 KT  
64 KT... 75NE 50SE 40SW 40NW  
50 KT...100NE 75SE 50SW 50NW  
34 KT...150NE 125SE 75SW 75NW

FORECAST VALID 22/0600Z 18.7N 68.2W  
MAX WIND 100 KT...GUSTS 120 KT  
64 KT... 75NE 50SE 40SW 40NW  
50 KT...100NE 75SE 50SW 50NW  
34 KT...150NE 125SE 75SW 75NW

FORECAST VALID 22/1800Z 19.4N 70.7W  
MAX WIND 100 KT...GUSTS 120 KT  
64 KT... 75NE 50SE 40SW 40NW  
50 KT...100NE 75SE 50SW 50NW  
34 KT...150NE 125SE 75SW 75NW

REQUEST FOR 3 HOURLY SHIP REPORTS WITHIN 300 MILES OF 17.4N 63.1W

EXTENDED OUTLOOK...USE FOR GUIDANCE ONLY...ERRORS MAY BE LARGE

OUTLOOK VALID 23/0600Z 20.0N 72.8W  
MAX WIND 100 KT...GUSTS 120 KT  
50 KT...100NE 75SE 50SW 50NW

OUTLOOK VALID 24/0600Z 21.5N 76.0W  
MAX WIND 100 KT...GUSTS 120 KT  
50 KT...100NE 75SE 50SW 50NW

NEXT ADVISORY AT 21/1500Z

LAWRENCE

STRIKE PROBABILITIES ASSOCIATED WITH THIS ADVISORY NUMBER CAN BE  
FOUND UNDER AFOS HEADER MIASFFAT2 AND WMO HEADER WTNT72 KNHC.