

OCT 10 1984

HRD RADAR TAPE LOG

FLIGHT 841010 I AIRCRAFT 43 OPERATOR DORST SHEET 1 OF 1

[illegible]

19841010I-DROP

PAGE 1 OF

AOML/HRD

10 1984

OMEGA-DROPWINDSONDE SCIENTIST LOG

FLIGHT: 841010I1

STORM: Josephine

OCT 10 1984

ODW SCIENTISTS Burpee

Dorst

Marks

OPERATOR Zysko/Schricker

knots

DROP #	SONDE ID #	TIME (GHT)	LAT (°)	LONG (°)	WIND (kts) [WD/WS]	HEIGHT (GA)	TEMP (TA)	DEW PT TEMP (TD)	PRESSURE (PS)	REMARKS
4	13247	1844	30.0	67.4	135/17	5518	-1.8	-17.1	523.6	example
1	00057	1947	28.3	78.4	340/20	5477	-4.9	-16.4	524.3	
2	13978	2009	28.2	76.5	350/28	5453	-4.0	-16.5	524.9	
3	20676	2026	27.3	75.2	320/36	5436	-2.8	-15.3	525.2	bad T beginning at 775 mb
4	00058	2042	26.4	74.0	300/48	5420	-2.3	-8.4	525.6	
5	10083	2059	25.5	72.7	270/40	6097	-6.6	-17.9	483.4	
6	20678	2117	24.5	71.5	260/28	6106	-7.4	-18.8	483.9	bad T beginning at 740 mb
7	00195	2129	24.5	70.2	260/28	6107	-7.5	-19.6	484.1	STREAMER good PTH
8	10084	2143	24.5	69.0	260/17	6111	-8.6	-19.9	484.3	
9	20177	2157	25.7	68.9	240/24	6101	-7.5	-19.5	484.5	
10	00060	2212	27.0	69.0	210/28	6120	-7.8	-19.9	482.7	turn 2246 z
11	10088	2228	28.3	68.9	210/34	6112	-8.3	-18.7	482.9	
12	20105	2248	28.3	66.9	200/32	6138	-10.5	-18.3	482.9	turn 230730 ^{near splash}
13	00190	2309	28.2	65.0	180/21	6145	-9.7	-14.7	483.0	
14	10087	2328	27.0	66.0	190/20	6790	-14.3	-19.4	443.9	estimated press. of because Terry baselined the sonde before we climbed
15	20121	2348	25.8	66.9	240/17	7110	-15.2	-21.3	425.0	turn 2347 #14 at 960 mb

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30°

AT

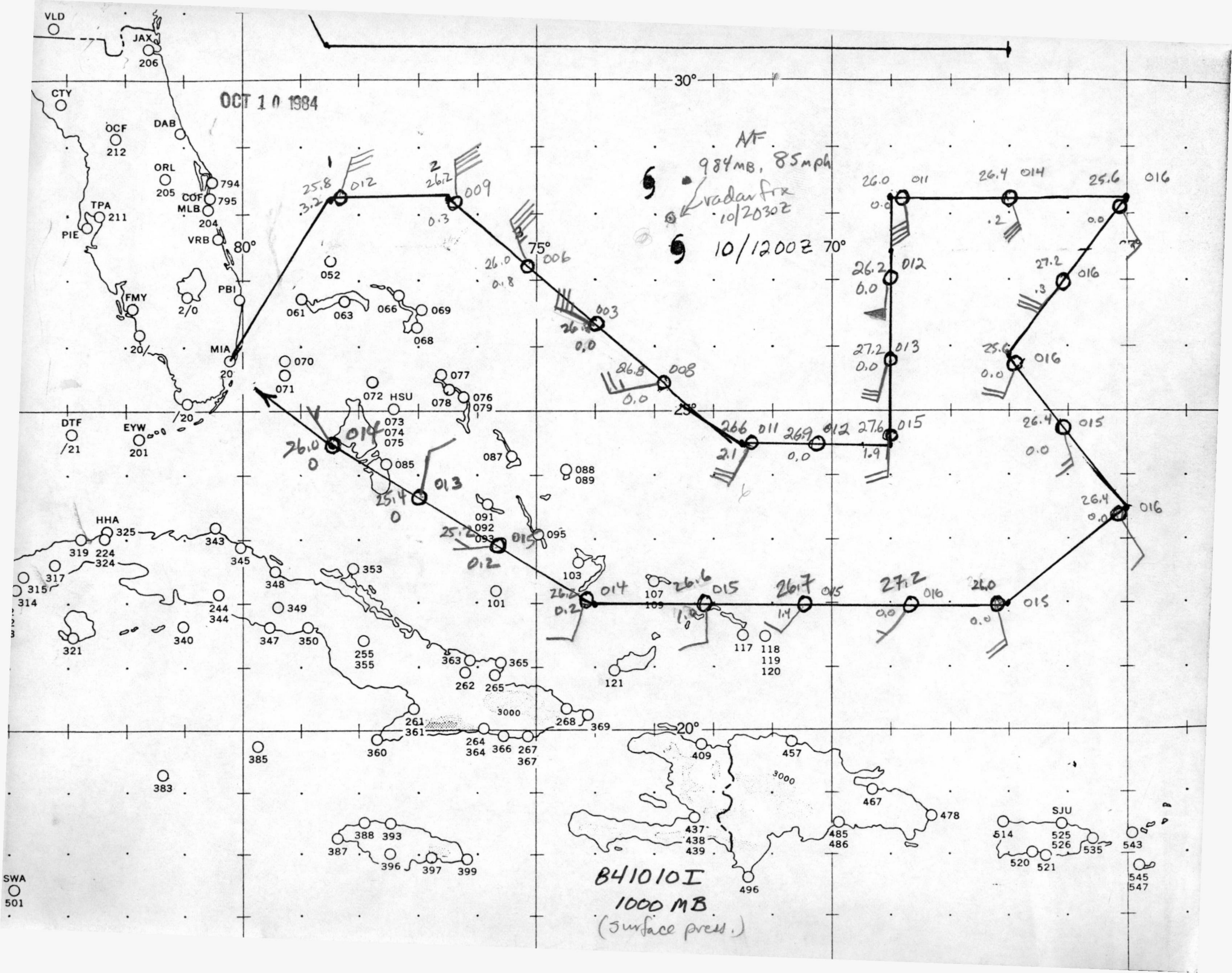
984MB, 85mph

radar fix
10/2030Z

10/1200Z 70°

B41010I
1000 MB
(surface press.)

SWA
501



OCT 10 1984

30°

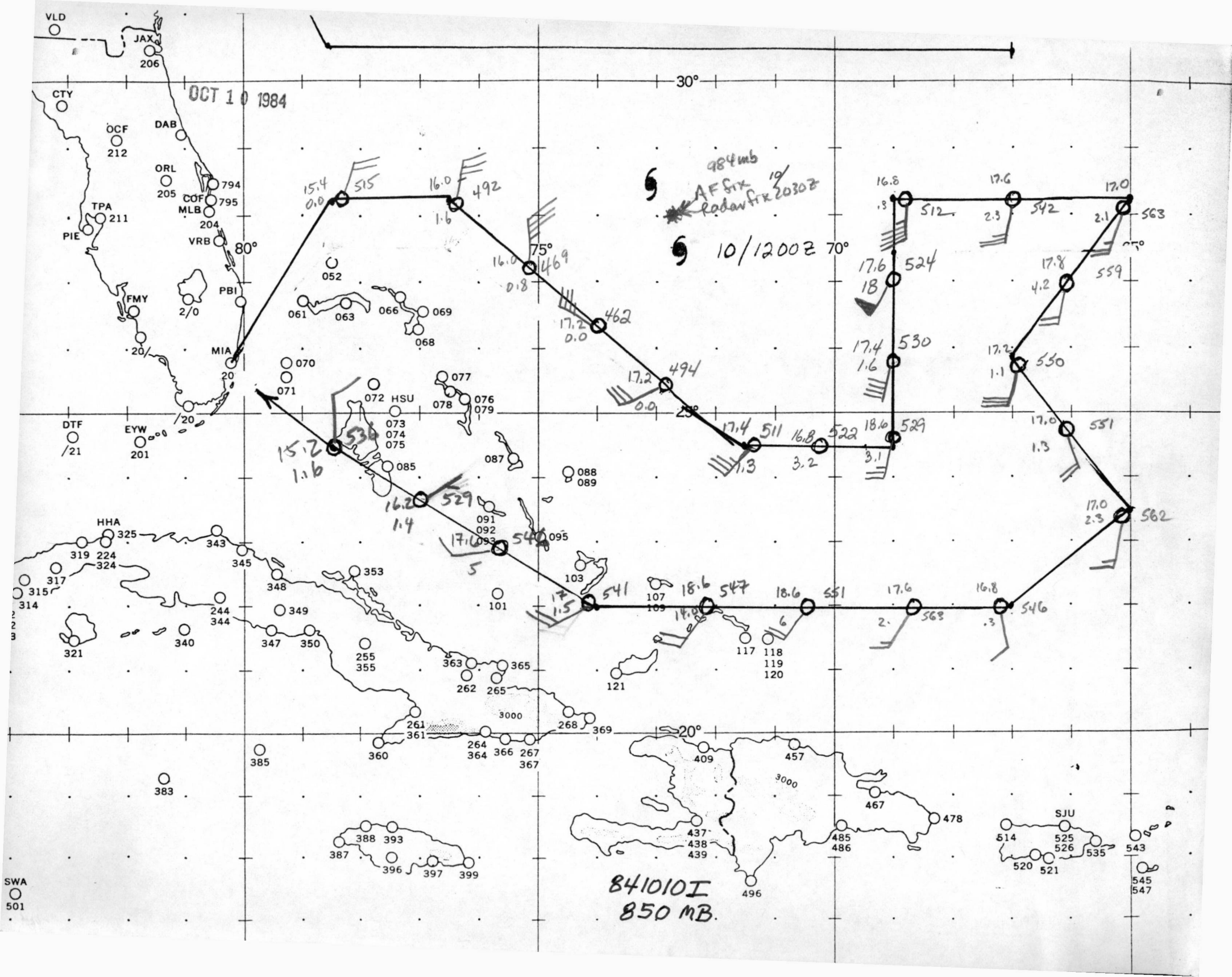
984mb

AF Six
Radaw fix 2030Z

10/1200Z 70°

841010I
850 MB.

SWA
501

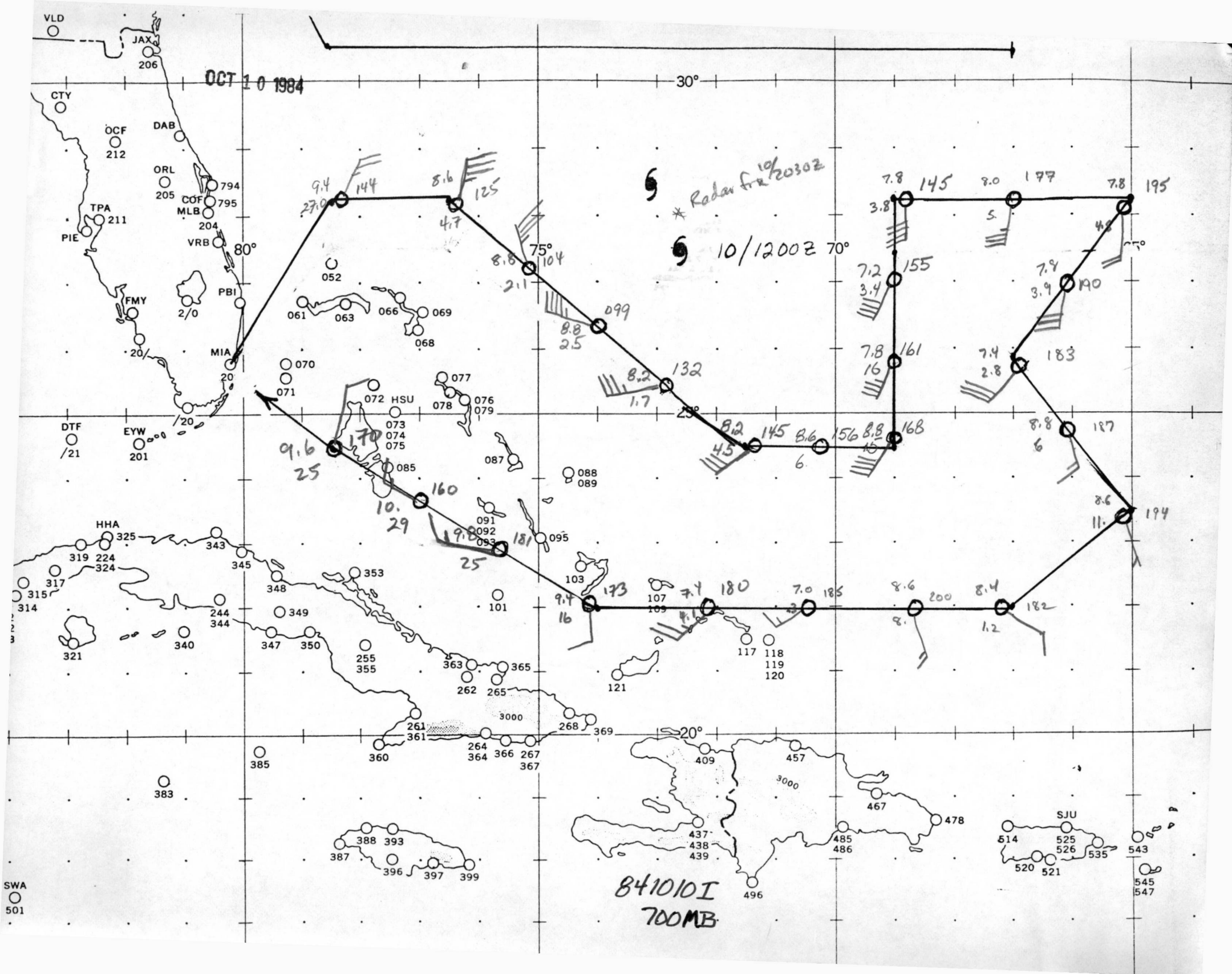


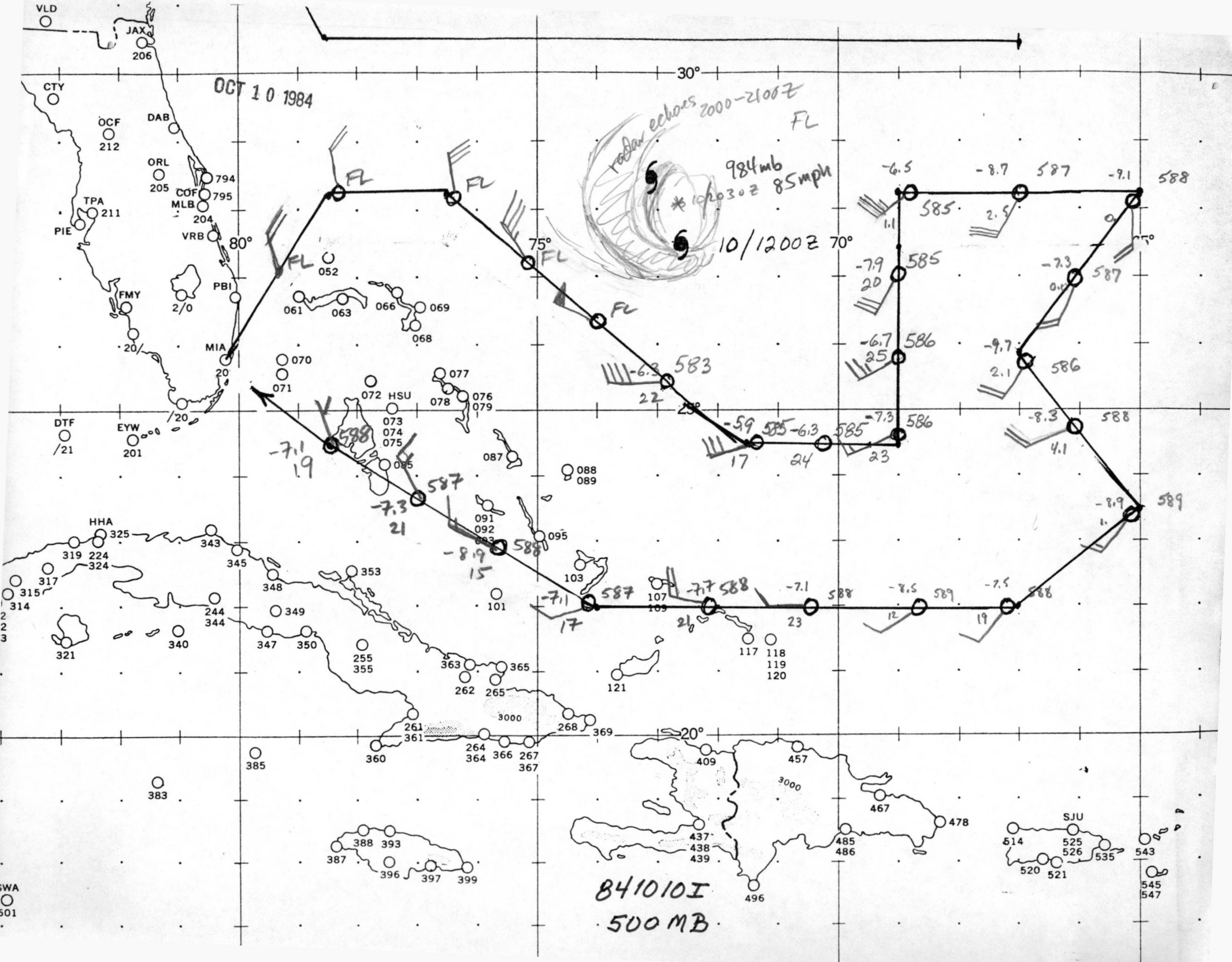
6. 10/1200 $\approx 70^\circ$

* Radar fr 10/2030Z

10/1200E 70°

841010I
700MB.



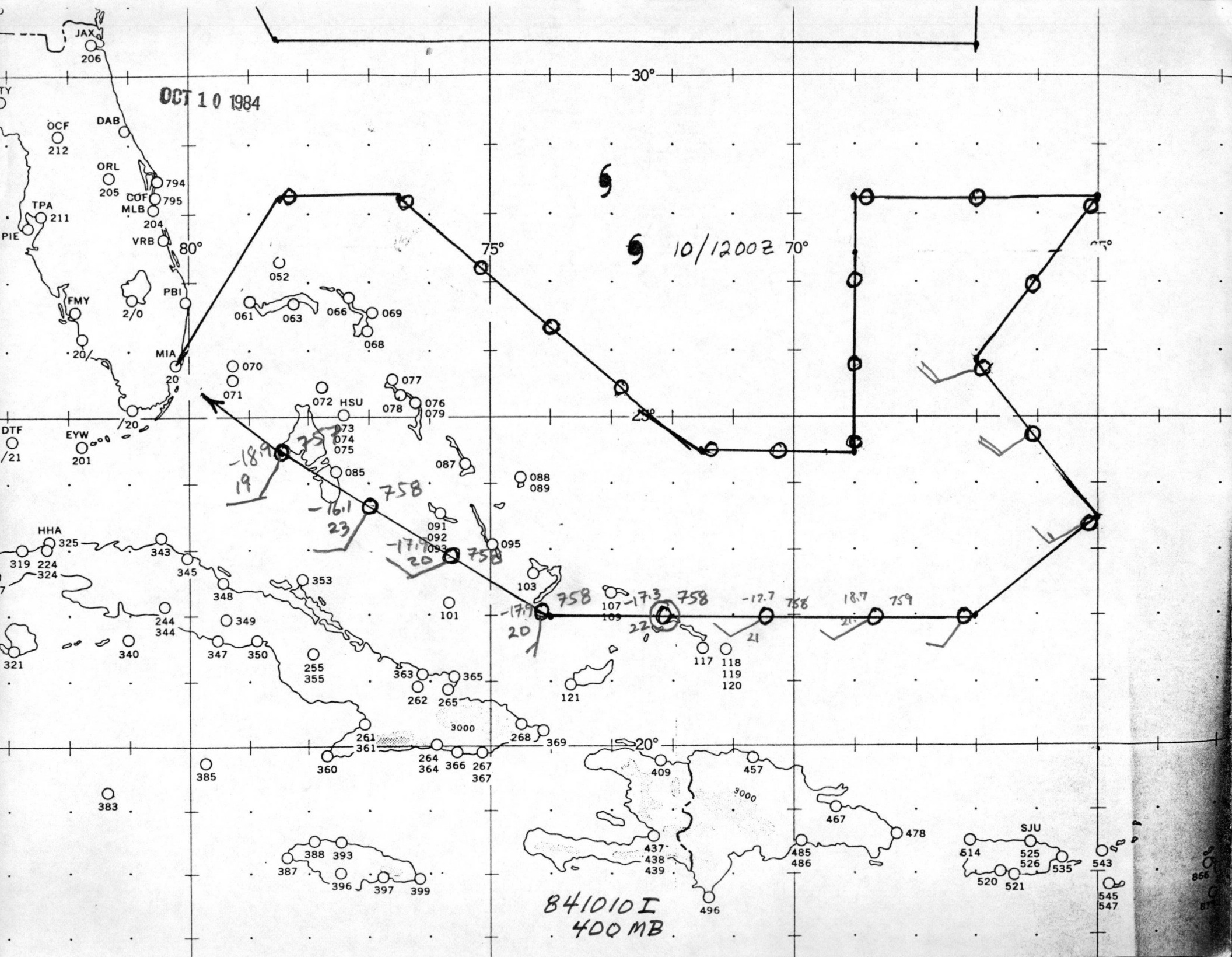


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radar echoes 2000-2100Z
984mb
* 102030Z 85mph
10/1200Z 70°

841010I
500 MB

SWA
501



OCT 10 1984

30°

10/1200Z 70°

75°

75°

80°

25°

070

061

052

063

066

069

068

077

076

079

073

074

075

085

087

088

089

091

092

093

095

103

107

109

117

118

119

120

-18.9

19

23

-17.7

20

-17.7

20

-17.3

22

-17.7

21

18.7

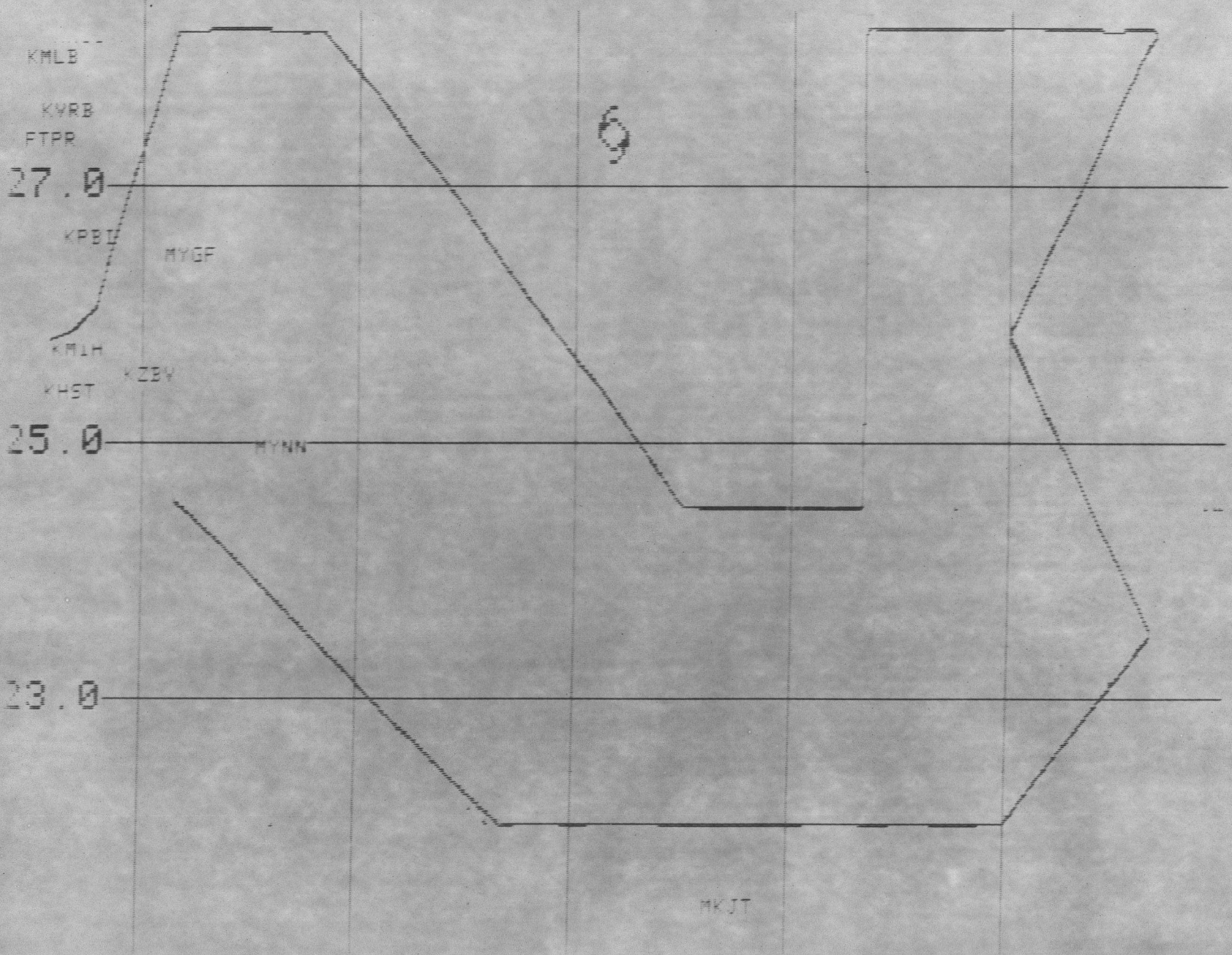
21

758

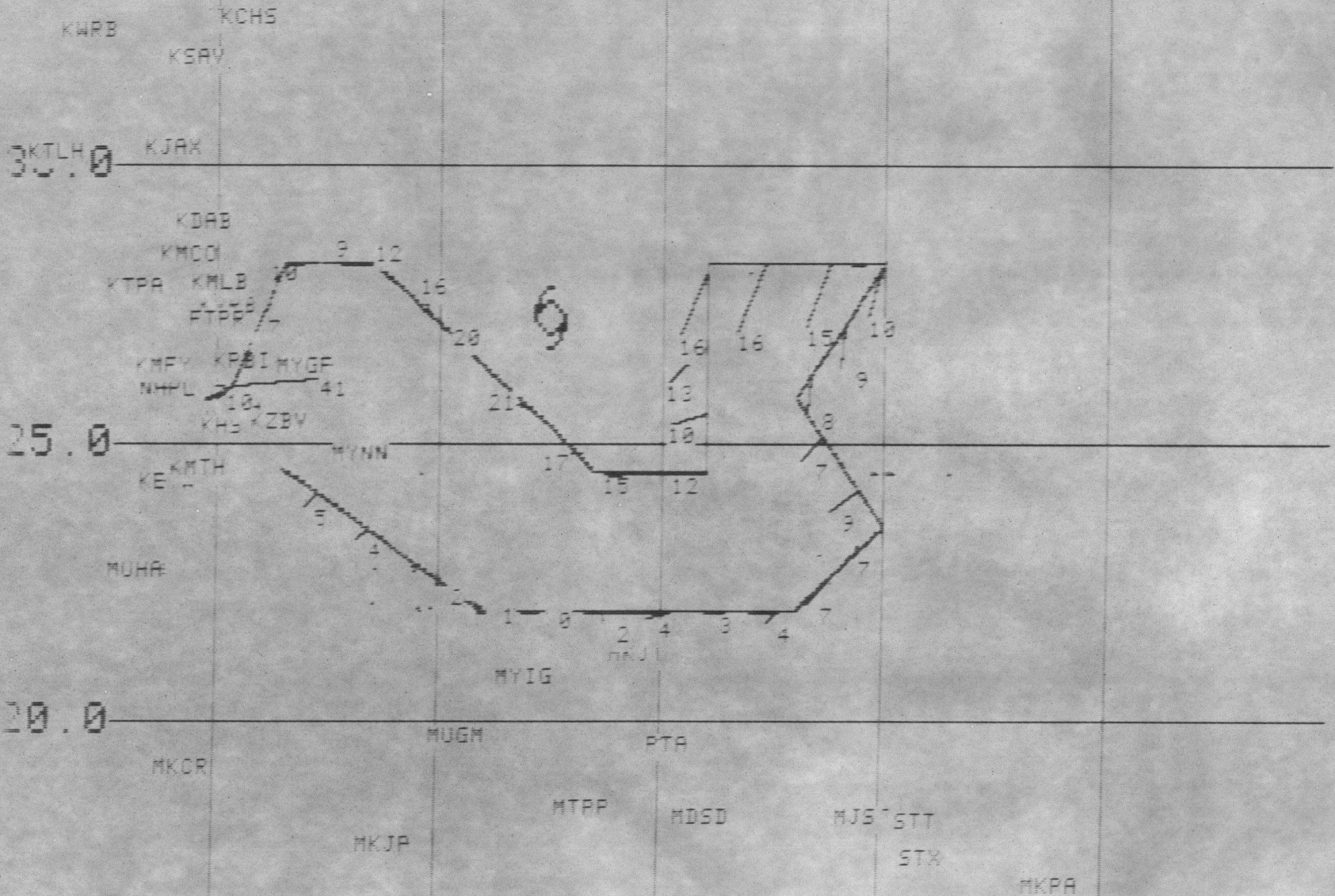
759

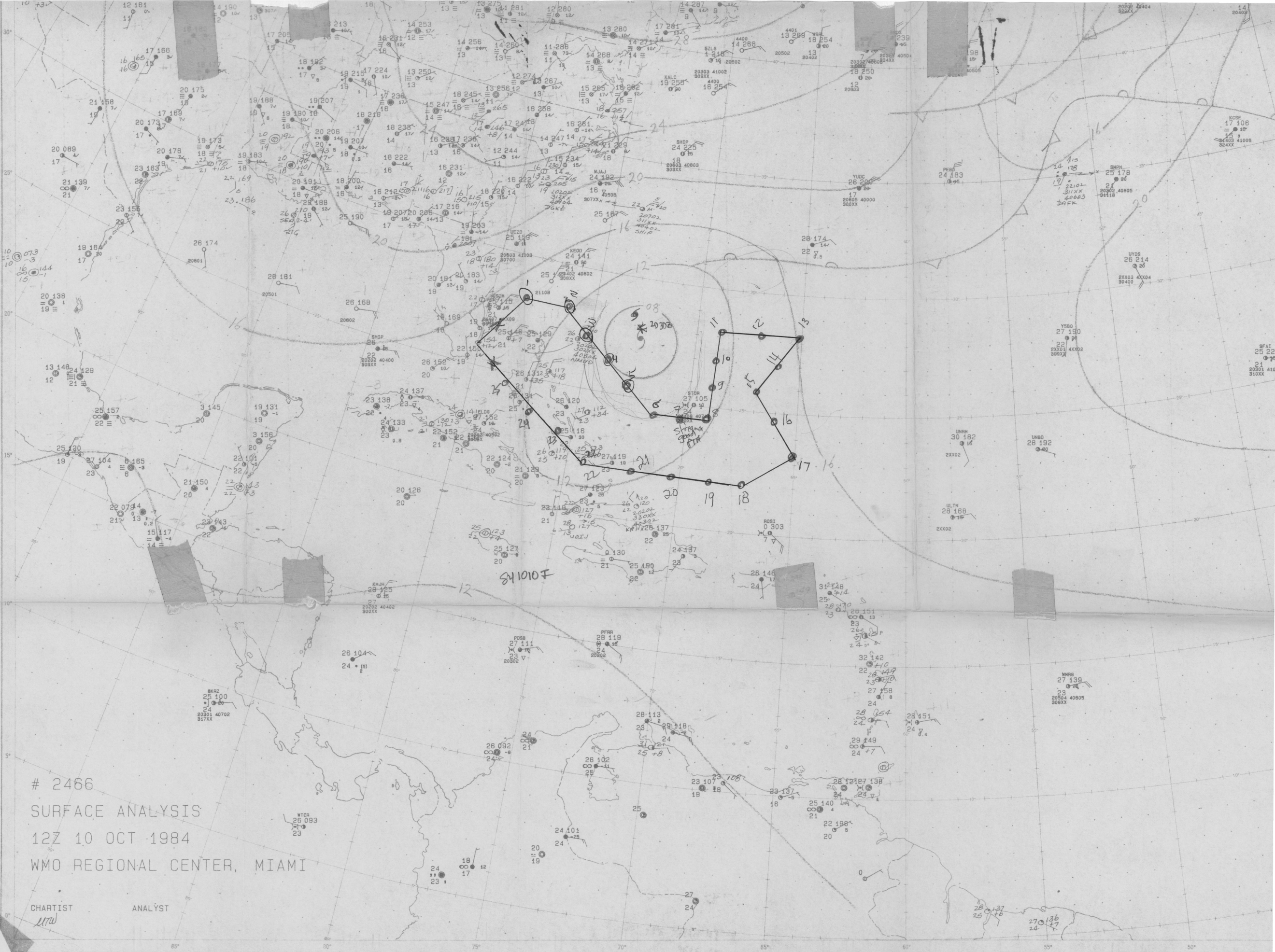
841010I
400 MB

42° 79' 0" 18:26:10 74° 0" 841010 72° 0" 090 FTRK 67° 0" 3:13:57



20.0 20.0 75.0 70.0 65.0 60.0
18.23 0 841010 000 FTRK 3:13:46





2466
SURFACE ANALYSIS
12Z 10 OCT 1984
WMO REGIONAL CENTER, MIAMI

CHARTIST ANALYST

LITW