

Pressure by 11 PM

takeoff 24:10 (5:10)

Sfc ~ 1011

19940904 I1-DROPS

HRD Omega-Dropwindsonde Scientist Log

Form E-6

Page 1 of 2

Time
Sta press (PS) -
Geo Alt. (GA) -

Flight 950904 I

Storm LUIS

ODW Scientists Stan Goldenberg
Chris Samsury
LPS (James Franklin)
AOC Operator Shawn

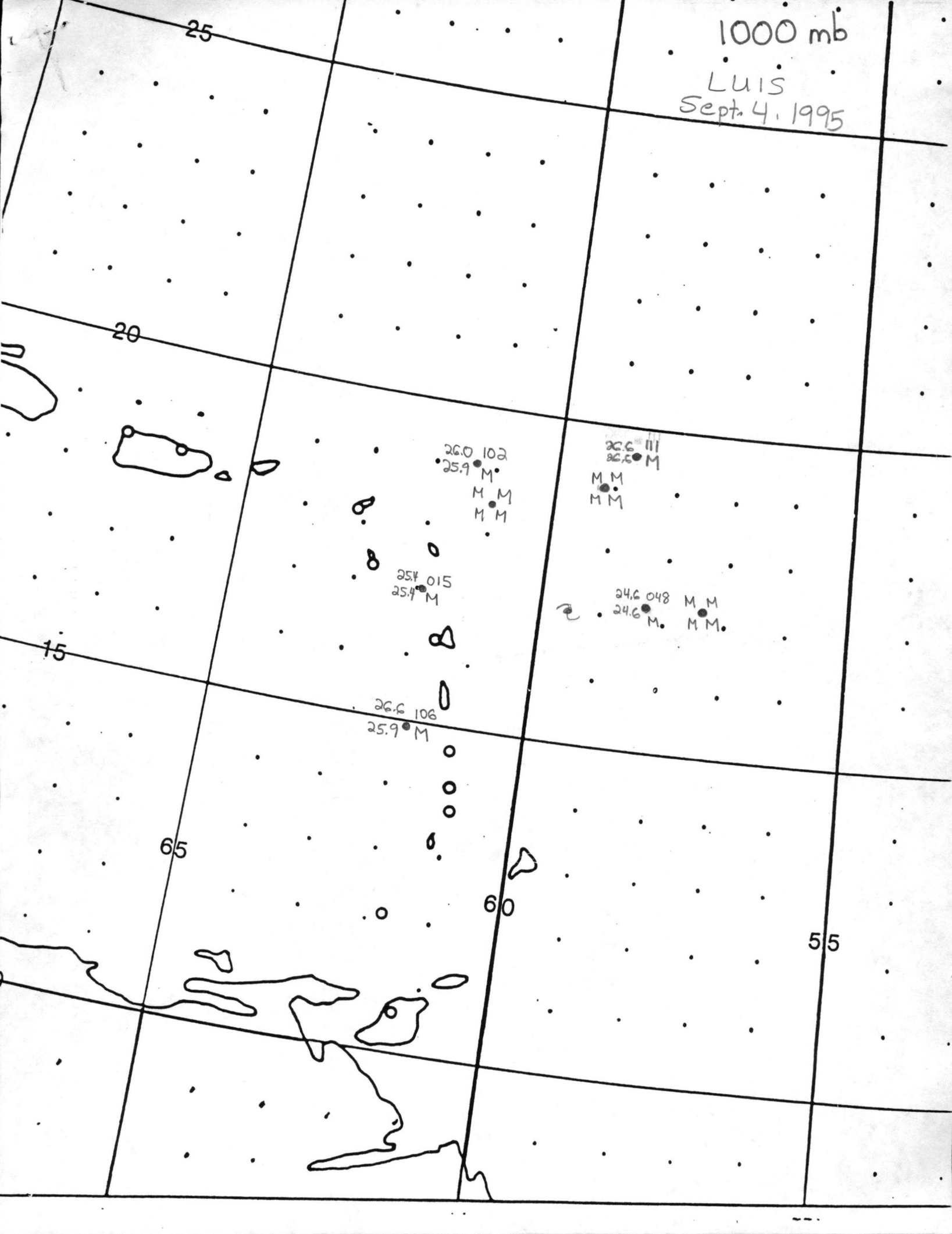
Chan	Drop No.	Sonde ID No.	Time (GMT)	Lat. (°)	Long. (°)	Wind (kts) (WD/WS)	Temp. (TA)	Dew Pt. (TD)	Pressure (PS)	Height (GA)	Remarks
5BLV 3	1	20087	220735	17° 12'	57° 19'	166/47	-6.3	-8.6	483.3	6122	Bad wind at start 11:46/8
5BLV 1	16	01520	221331	17° 4'	57° 48'	171/58	-5.8	-7.8	483.4	6100	✓
→ 2	2	10780	221841	17° 11'	58° 15'	180/60	-5.3	-8.2	483.5	6069	✓
→ 3	3	21287	225129	17° 04'	60° 41'	357/84	-2.7	-2.3	489.9	5848	BAD +
Term ending 2	4	14081	225911	16° 33'	60° 07'	285/69	-3.1	-5.3	483.5	5843	Turn at ~ 2300 (80-200)
	5	21288	232226	18° 04'	59° 55'	101/88	-4.4	-4.6	482.6	6018	
	6	10844	233452	18° 46'	59° 17'	108/62	-6.3	-6.6	482.7	6114	X
1	66	02914	233850	18° 59'	59° 06'	100/55	-6.7	-8.8	482.6	6137	
3	7	21310	235049	19° 35'	58° 47'	91/42	-4.1	-13.0	482.1	6172	
2	X8	10809	001840	19° 24'	61° 31'	61/72	-7.3	-11.1	482.1	6153	PTH bad
1	86	01519	002327	19° 04'	61° 19'	60/74	-6.2	-17.8	482.1	6143	
3	9	23205	003138	18° 31'	60° 57'	64/73	-5.2	-7.8	482.3	6098	fine till ~ 930
2	10	10124	010225	16° 33'	59° 52'	241/79	-4.0	-5.6	482.0	6003	Problem at 596mb pt (W)
3	11	22386	011504	17° 41'	59° 43'	134/90	-9.7	-5.1	483.0	6016	BAD

700 - 3160 - 13.5559.3 ~ 587

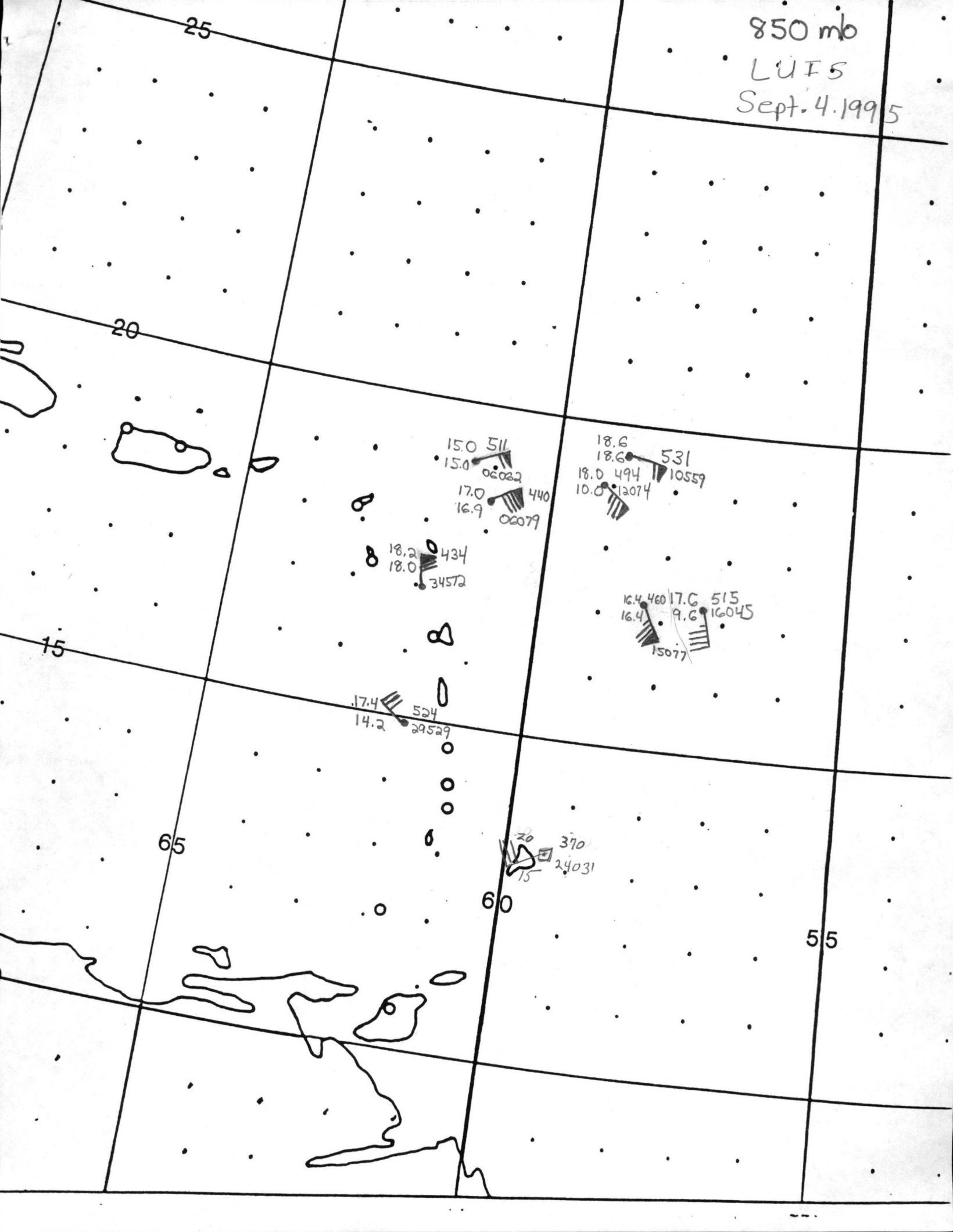
ODW Scientists Stan Goldenberg
Chris Samsary
LPS (James Franklin)
AOC Operator Shawn

[illegible]

1000 mb
LUIS
Sept. 4, 1995



850 mb
LUS
Sept. 4. 1995



700mb

Luis
Sept. 4, 1995

25

20

15

65

60

55

8.8 143
5.8
07069
9.8 082
8.1 06585

9.0 172
3.0 11547
9.4 136
9.3 M

7.4 093 7.6 149
7.4 7.6 M
16072

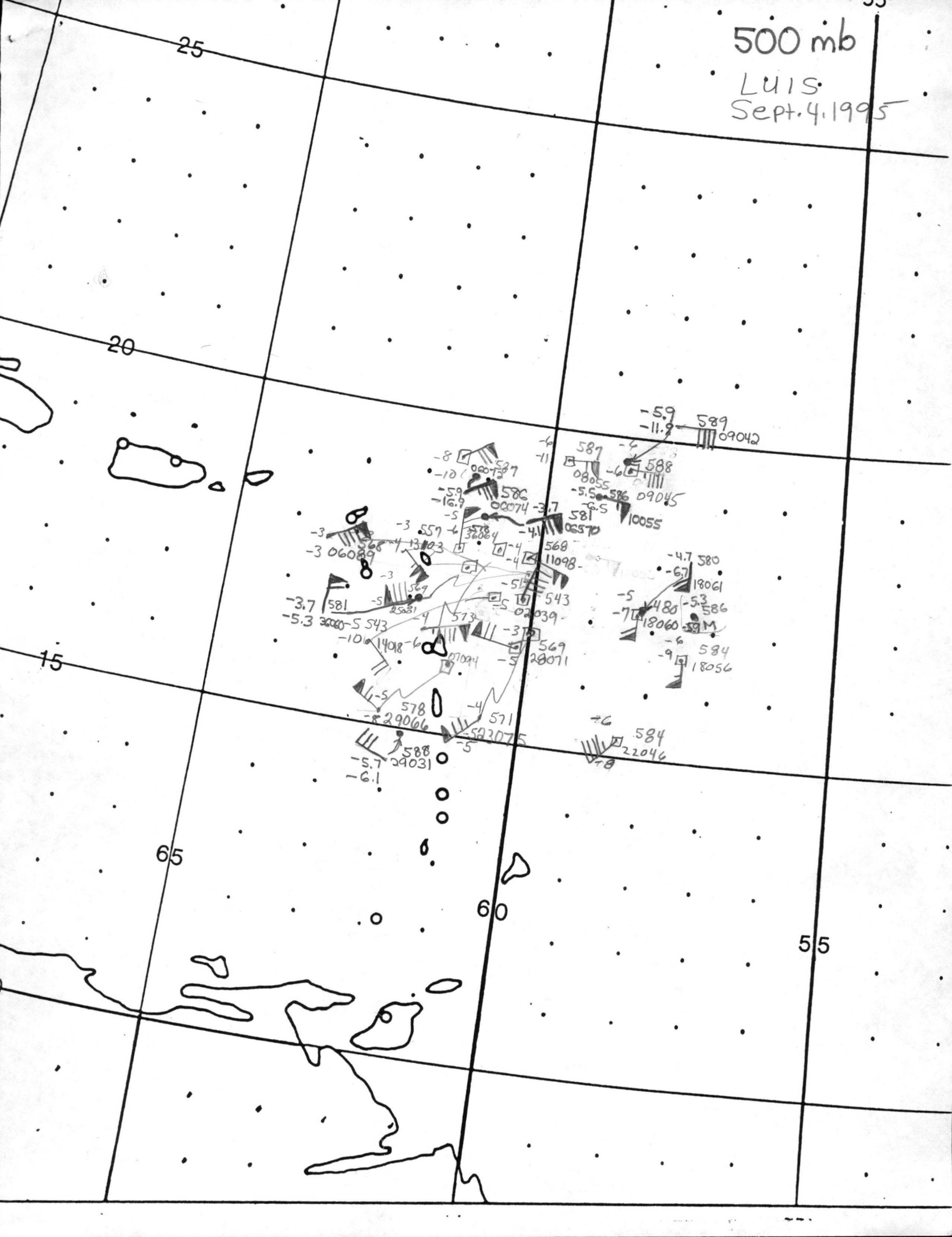
9.2 080
9.2 33556

164
9.6 29039
4.6

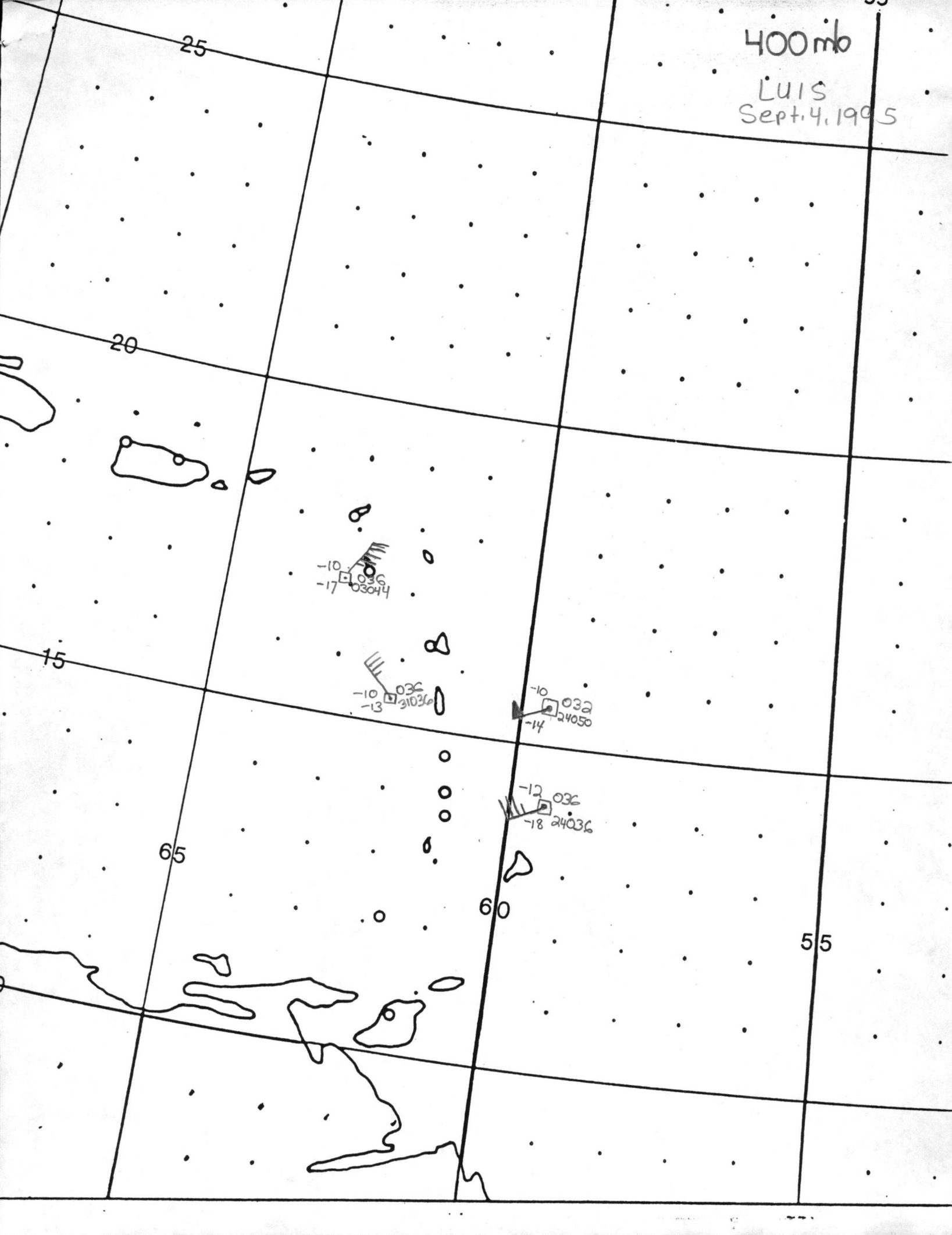
9.0 179
7.2 24030

500 mb

LUIS
Sept. 4, 1995



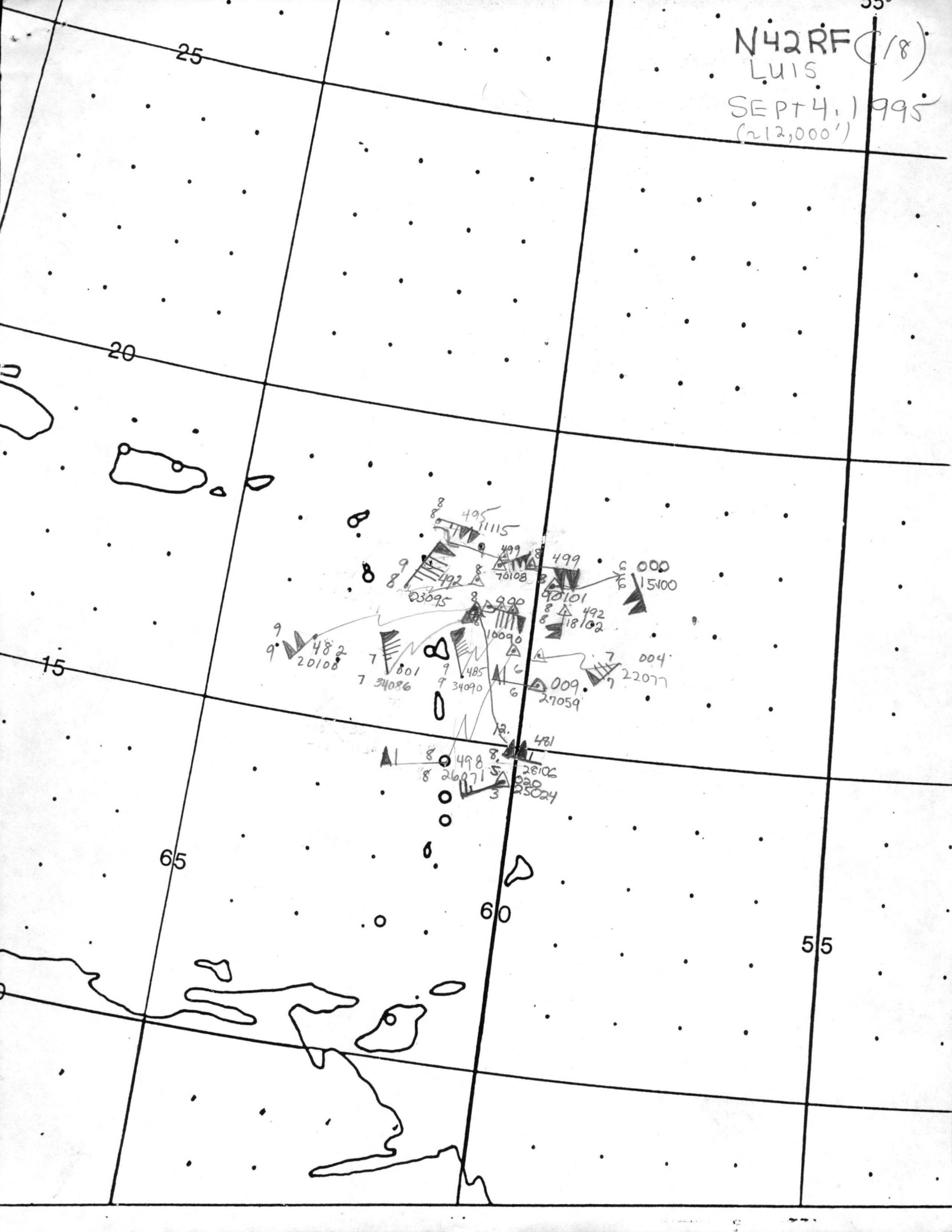
400mb
Luis
Sept. 4, 1995



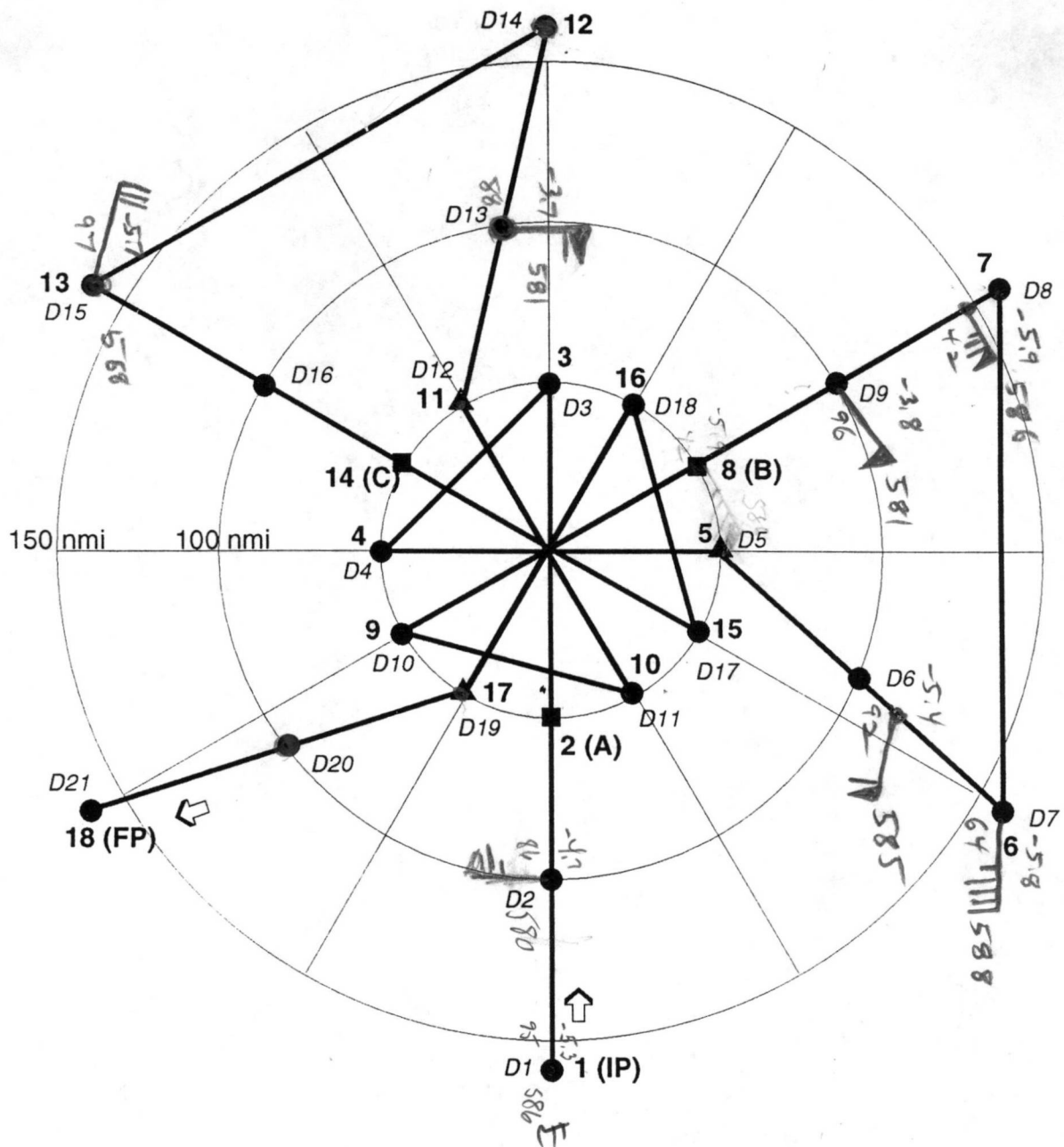
N42RF (18)

LUIS

SEPT 4, 1995
(~12,000')



VORTEX MOTION AND EVOLUTION EXPERIMENT



- ODW (Ch 1 or 3) ▲ ODW (Ch 2)
- Coordination points with lower A/C (A,B,C)
- > Outer points are at 160 nmi radius
- > Drop pts (D1, D2, ...) Nav pts (1, 2, ...)

Fig. 1 Upper A/C Flight Pattern

17.2 at 14.37

59.7 21.37

5000-587

4.5 50 587

500mb

950904E
Luis

● ODW (Ch 1 or 3) ▲ ODW (Ch 2)
 ■ Coordination points with lower A/C (A,B,C)
 > Outer points are at 160 nmi radius
 > Drop pts (D1, D2, ...) Nav pts (1, 2, ...)

Fig. 1 Upper A/C Flight Pattern

950904I
Lu15
1700mg
↑
→E

Fig. 1 Upper A/C Flight Pattern

3160
(13.559.34)
55
55
55

● ODW (Ch 1 or 3) ▲ ODW (Ch 2)
 ■ Coordination points with lower A/C (A,B,C)
 > Outer points are at 160 nmi radius
 > Drop pts (D₁, D₂, ...) Nav pts (1, 2, ...)

Fig. 1 Upper A/C Flight Pattern

$$\begin{array}{r} 10.5 \\ \times 12 \\ \hline 210 \\ 2100 \\ \hline 1260 \end{array}$$

七

850 ml

Lu13

950904I

● ODW (Ch 1 or 3) ▲ ODW (Ch 2)
 ■ Coordination points with lower A/C (A,B,C)
 > Outer points are at 160 nmi radius
 > Drop pts (D1, D2, ...) Nav pts (1, 2, ...)

Fig. 1 Upper A/C Flight Pattern