

19870923I1-DROPS

SEP 23 1987

AOML / HRD

FORM E-6

PAGE 1 OF 1

OMEGA-DROPWINDSONDE SCIENTIST LOG

FLIGHT: 870923 I

ODW SCIENTISTS Franklin

STORM: Emily

Mark Dodge

Willis

OPERATOR Gonzalez

DROP #	SONDE ID #	TIME GMT	LAT (°/min)	LON (°/min)	WIND (M/ST) (WD/WS)	HEIGHT (GA)	TEMP (TA)	DEW PT. (TD)	PRESSURE (PS)	REMARKS
OK 1	403	1826/40	20°43.6'	67°14.5'	129/17	5510	-3.5	-35.0	526.9	T/humidity bad
OK 2	10447	1845	22°00'	68°06'	162/22	5500	-3.2	-37.6	527.1	
OK 3	410	1903	22°01'	69°34'	167/40	5815	-5.8	-5.1	505.3	T/TD?
5 4	10449	1921	21°59'	71°02'	183/29	5798	-4.4	-13.5	505.7	
OK 5	411	1940	21°07'	71°34'	204/25	5786	-4.0	-6.0	505.6	E of eye
2 6	10450	1954	21°22'	72°40'	163/16	5755	-4.4	-4.0	505.7	"eye" no winds
2 7	20617	2005	21°16'	73°20'	333/22	5771	-3.9	-6.6	505.9	
2 8	10445	2024	21°33'	72°47'	128/21	5768	-4.3	-3.6	504.8	alt center/eye to S
2 9	407	2043	23°05'	73°08'	81/5	5796	-4.8	-5.8	505.0	#8 15 mi inside eyewall - intermittent P bad (offset)
OK 10	10446	2058	24°08'	73°30'	026/12	6345	-8.1	-22.2	471.2	
2 11	406	2117	25°35'	73°56'	013/6	6455	-9.0	-15.4	464.5	
2 12	10443	2135	26°28'	72°35'	209/3	6457	-9.4	-24.6	464.3	turn 2148 Z
OK 13	405	2150	27°5"	71°25'	223/20	6450	-9.9	-13.7	464.4	
OK 14	10444	2208	26°2"	70°21'	207/28	6459	-8.9	-9.2	464.6	turn 2223 RF failure
2 15	00402	2224	25.1	67.4	200/30	6466	-9.4	-9.1	464.7	
2 16	10387	2244	26.2	67.9	195/22	6472	-9.1	-27.0	464.7	
OK 17	412	2300	27.5	68.1	214/30	6468	-9.5	-13.2	464.6	
OK 18	10388	2318	29.1	68.2	225/32	6452	-9.3	-11.4	464.8	
OK 19	417	2334	30.1	68.8	238/34	7081	-13.7	-17.6	427.5	

FLIGHT: _____

ODW SCIENTISTS _____

STORM: _____

OPERATOR _____

[illegible]

10210653I1 - D15022

AJC
870923Z

DROP LOCATIONS.

20.6 67.2

T 22.0 68.0

22.0 69.5

T 22.0 71.0

T 40 mi E 25

EYE

T 40 mi W 25

EYE

23.0 73.5

24.1 73.3

T 25.5 74.0

26.4 72.6

T 27.0 71.5

26.0 70.4

T 25.0 69.5

T 26.0 68.0

27.5 68.0

T 29.0 68.0

30.0 68.7

T 31.0 69.5

30.3 71.0

T 29.5 72.5

30.3 73.4

T 31.0 74.5

T 31.0 77.0

29.5 77.0

28.0 77.0

26.5 77.0

T 25.5 77.0

25.5 78.3

FORMAL CONIC PROJECTION

850
870923I

DROP LOCATIONS.

20.6	67.2
T 22.0	68.0
22.0	69.5
T 22.0	71.0
T 40 mi. E 85°	
EYE	
T 40 mi. W 85°	
EYE	
23.0	73.5
24.1	73.3
T 25.5	74.0
26.4	72.6
T 27.0	71.5
26.0	70.4
T 25.0	69.5
T 26.0	68.0
27.5	68.0
T 29.0	68.0
30.0	68.7
T 31.0	69.5
30.3	71.0
T 29.5	72.5
30.3	73.4
T 31.0	74.5
T 31.0	77.0
29.5	77.0

28.0 77.0
26.5 77.0
T 25.5 77.0
25.5 78.3

700
870923I

DROP LOCATIONS.

20.6 67.2

T 22.0 68.0

22.0 69.5

T 22.0 71.0

T 40 mi. E 25

EYE

T 40 mi. W 25

EYE

23.0 73.5

24.1 73.3

T 25.5 74.0

26.4 72.6

T 27.0 71.5

26.0 70.4

T 25.0 69.5

T 26.0 68.0

27.5 68.0

T 29.0 68.0

30.0 68.7

T 31.0 69.5

30.3 71.0

T 29.5 72.5

30.3 73.4

T 31.0 74.5

T 31.0 77.0

29.5 77.0

28.0 77.0

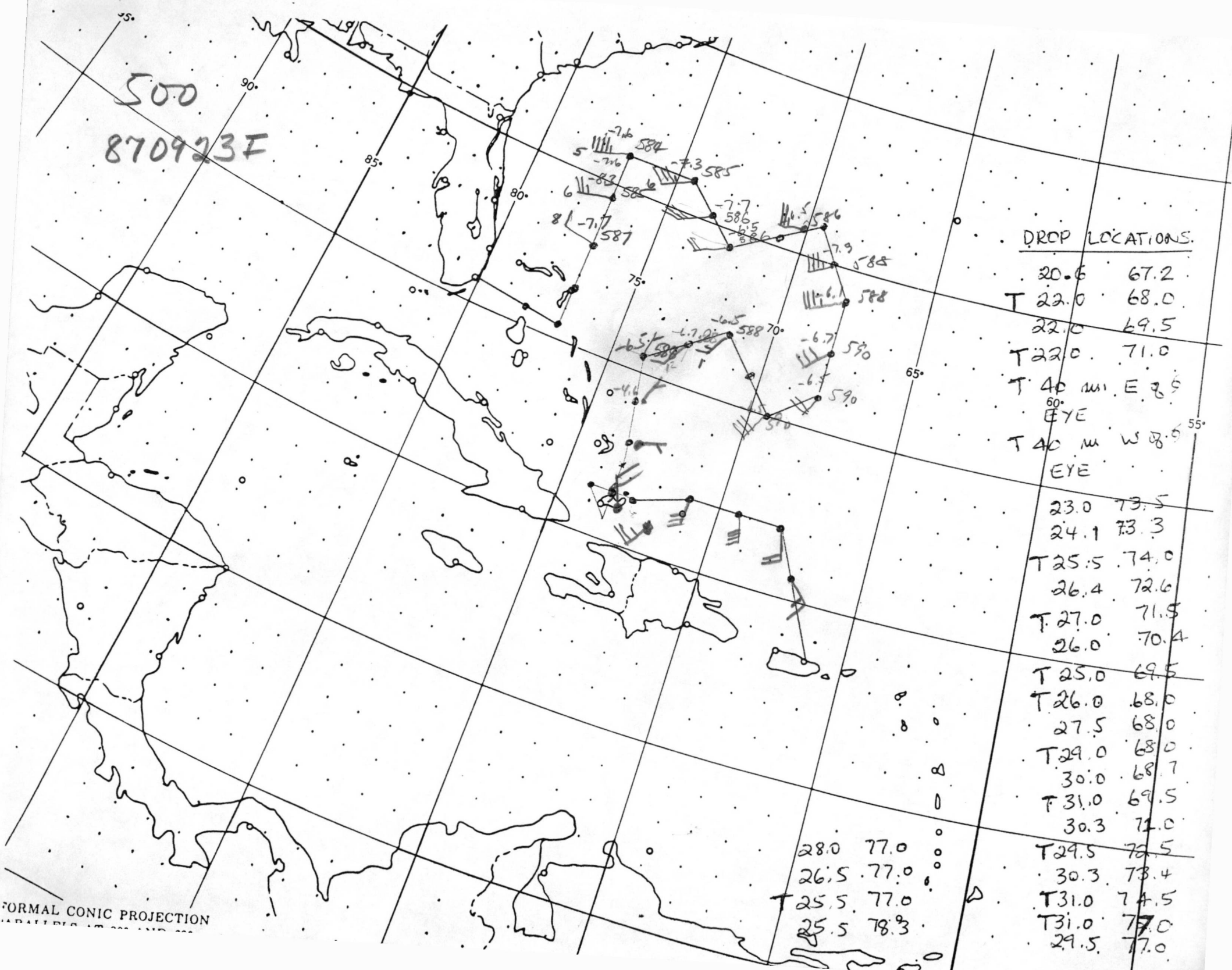
26.5 77.0

T 25.5 77.0

25.5 78.3

500

870923F



DROP LOCATIONS.

20.6 67.2

T 22.0 68.0

22.0 69.5

T 22.0 71.0

T 40 mi. E 85

EYE

T 40 m W 85

EYE

23.0 73.5

24.1 73.3

T 25.5 74.0

26.4 72.6

T 27.0 71.5

26.0 70.4

T 25.0 69.5

T 26.0 68.0

27.5 68.0

T 29.0 68.0

30.0 68.7

T 31.0 69.5

30.3 71.0

T 29.5 72.5

30.3 73.4

T 31.0 74.5

T 31.0 77.0

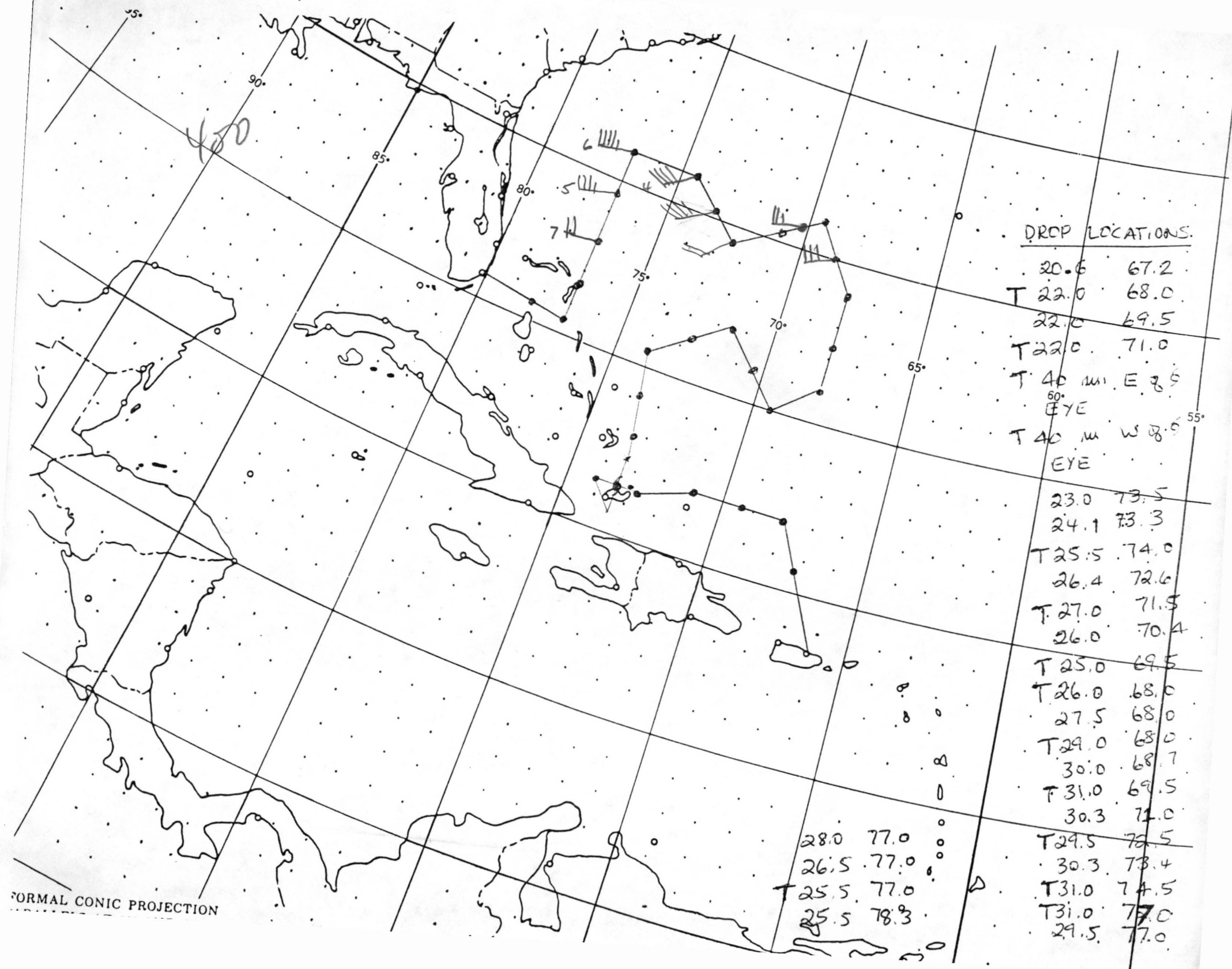
29.5 77.0

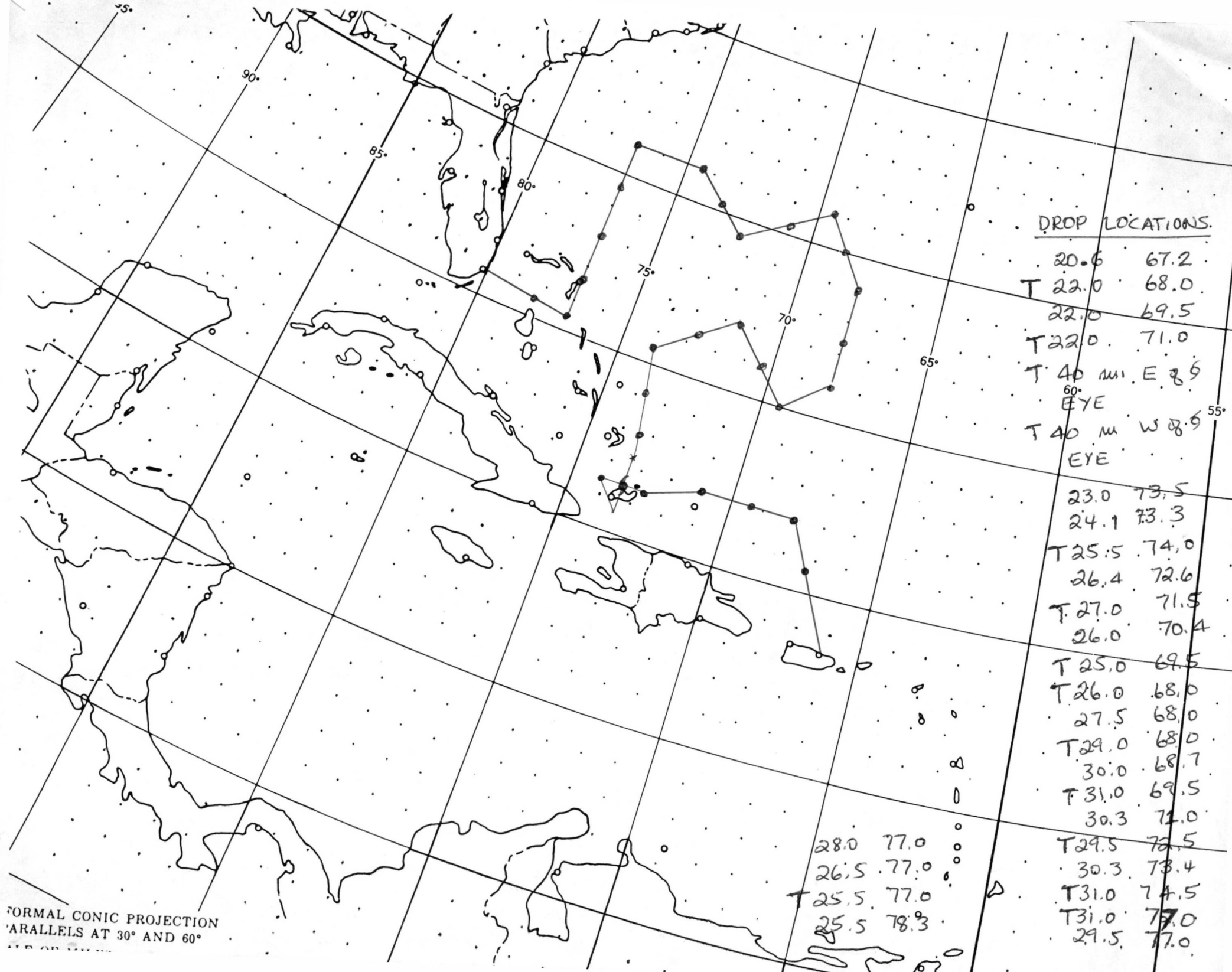
28.0 77.0

26.5 77.0

T 25.5 77.0

25.5 78.3





DROP LOCATIONS.

20.6 67.2
 T 22.0 68.0
 22.0 69.5
 T 22.0 71.0
 T 40 mi. E 8.5
 EYE
 T 40 mi. W 8.5
 EYE

23.0 73.5
 24.1 73.3
 T 25.5 74.0
 26.4 72.6
 T 27.0 71.5
 26.0 70.4

T 25.0 69.5
 T 26.0 68.0
 27.5 68.0
 T 29.0 68.0
 30.0 68.7
 T 31.0 69.5
 30.3 72.0

T 29.5 72.5
 30.3 73.4
 T 31.0 74.5
 T 31.0 77.0
 29.5 77.0

28.0 77.0
 26.5 77.0
 T 25.5 77.0
 25.5 78.3

FORMAL CONIC PROJECTION
 PARALLELS AT 30° AND 60°