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Keert Hansen

no way pt placed at Wilmington

Lead Project Scientist Event

← Coastal zone (no fly) purple? marked in

plane has to move NE of waypoints b/c storm is moving

Date

Flight ID

LPS

Time	Event	Position	T(°C) DPT(°C)		Comments
			SFCMB		
20:54	1st Drop	32.18 - 30.19	1003.39	11.82	11.70
21:15	1st "5"	32.86 - 78.76	999.8	14.14	14
21:55	"Hold on"	31.69 - 78.30	1000.5	12.8	11.9
21:58	w drop	31.51 - 78.31	Flight level hour winds		
21:58	clear	31.47	off ocean choppy bit		
22:07	"5"	31.42 - 77.84	1003	11.8	11.7
22:24	1st "5"	32.23 - 76.88	999.8	12.9	11.2
22:26	waypoint + drop	32.29 - 76.63	1000.6	12.97	12.92
22:27	"5" or scathet off?	32.51 - 76.45	1000.3	12.41	12.4
22:37	center 60 mi	32.84 - 77.11	999	13.7	13.7
22:39	drop	32.91 - 77.24	988	14.75	12.88
22:45	"5" ^{max} eyewall	33.08 - 77.6	976	16.9	12.83
22:58	drop	33.48 - 77.89	966	16.37	15.8
23:07	drop	33.78 - 77.29	989	14.47	13.62
23:10	bump	33.86 - 77.12	992	13.6	13.7
23:37	Wilmington drop	34.17 - 77.66	991	13.6	13.6
23:41	"5" eyewall N	33.98 - 77.77	985	14.92	14.51
23:43	eyewall rain rate ^{max} 17.0	33.88 - 77.82	977	14.82	15.35
23:51	eyewall w	33.4 - 78.20	965	15.18	15.83
23:54	2nd eyewall w	33.41 - 78.24	976	14.5	15.4
00:00	drop?	33.43 - 78.37	974	14.8	15.6
00:02	drop	33.42 - 78.15	963	17	16
00:06	lowest pres		958	16	12
00:13	w eyewall	33.54 - 78.20	969	15.7	15.7
00:15	2nd wind max	33.3 - 78.38	976	14.5	15.2
00:18	"	33.3 - 78.34	976	15.3	14.8
00:20	bumpy	33.32 - 78.25	971	15.6	16

EW 10 mi outward leg

w near way pt edge of clear w 30 min

958 mb lowest

SMER rain NHD

4th penetration

2 drops

bumpy

Flight

55kt

75kt

56.5

again.

small length dist

rain

smooth

bumpy

bumpy

bumpy

bumpy

#2

Kurt Hansen

Zarana

Lead Project Scientist Event

Date Flight ID LPS Flight T D Pres

Time	Event	Position	Comments			
00:23	low pressure	33.40 -77.97	104	200	140	957 ^m b
00:29	w eyewall	33.33 -78.08	71	172	15.7	964
00:38	2nd wind max	33.36 ³ -78.07	77	146	15.5	977
00:42						958
00:56	eyewall w	33.45 -78.09	84	15	15	979 ^{in the} bumpy
01:01	drop	33.5 -78.07	72	14.6	14.5	981
01:05	eyewall	33.49 -78.07	88	16	17	962 ^w bumpy
01:12	lowest pres					957
01:15	eyewall w	33.41 -78.04	80	16.2	16.2	970 ^{2 bump}
01:19	eyewall w?	33.42 -78.27	81	14.7	14.8	980
01:22	drops	33.50 -78.03	81	15	14.7	980 ^{950 m}
01:25	bumpy eyewall	33.5 -78.03	79	17.8	16.7	964 ^{105kt}
01:36	eyewall last	33.45 -78.02	87	15.5	16.9	969 ^{bumpy}

5p w

6p w

7p w

right side of radar often fails? 8pm or south side of storm is very weak

37kt highest so far

115
5
8
4
3
3
2
2
005

plane @ 751 mb 242kt 24kt? ↓ 28kt

Kurt Hansen

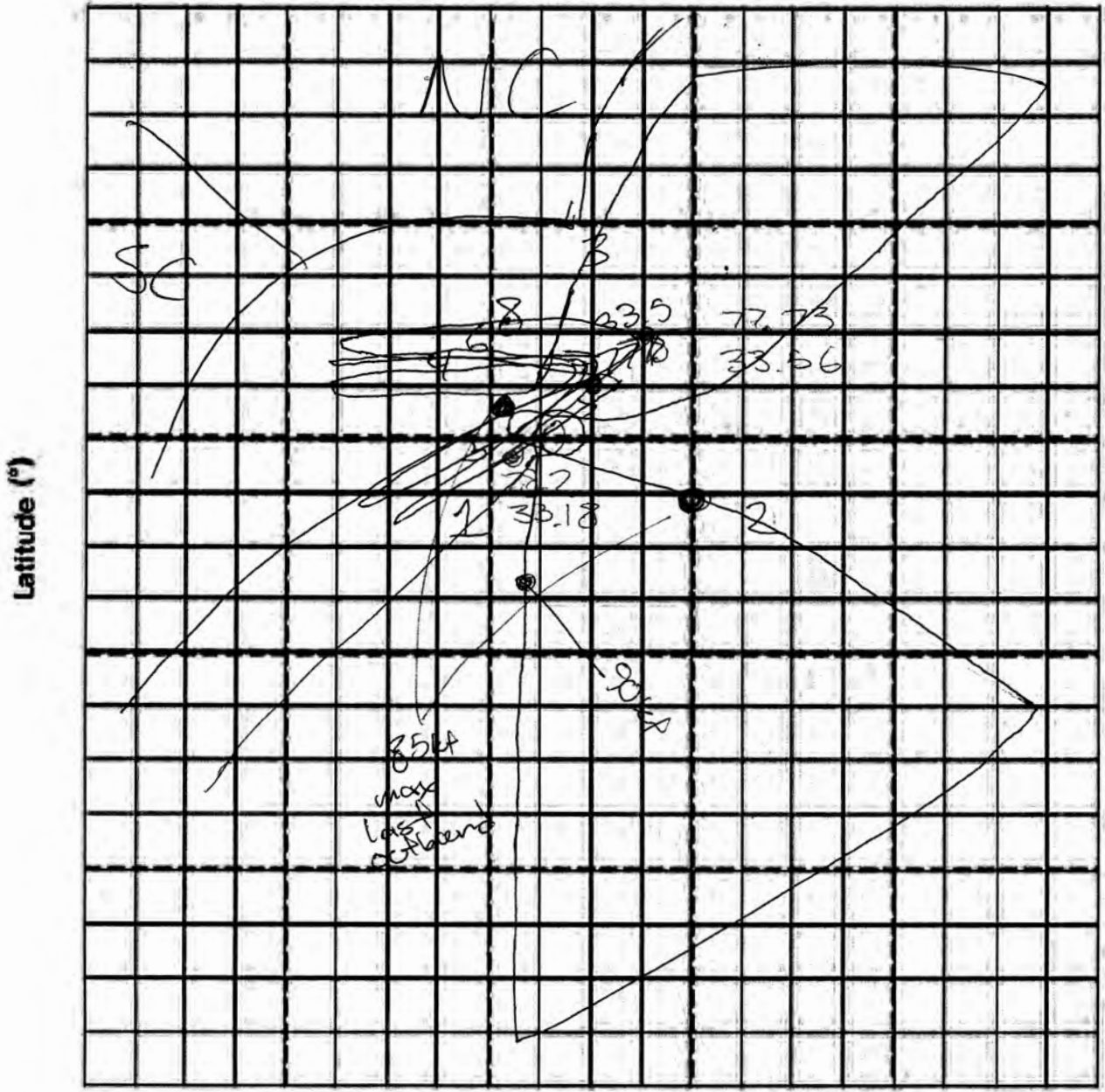
Observer's Flight Track Worksheet #3

Date

Flight

Observer

Use highlighter to draw freehand on chart



Longitude (°)

