

19920822H1 - FDIR

DATA SUMMARY

HURRICANE ANDREW SYNOPTIC FLOW (N42RF) 920822H

TYPE OF DATA

SENSOR OR OPTION

INE	2
Accelerometer	1
Temperature probe	TT1
Altitude change option (for vertical winds)	RA-159
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 29
Constants file	CO2922.CON

Notes:

OCCASIONAL DEWPOINTER WET-BULBING MAY OCCUR ON ANY GIVEN FLIGHT WHEN IN VERY MOIST OR ICING CONDITIONS.

SPECIAL NOTE!!! Locations 80, 81 and 82 of record five on the standard tape contain vertical ground, vertical air and vertical speeds, respectively, computed using Dave Jorgensen's vertical wind algorithm.

	Take off	Landing
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Aircraft static pressure	1017.6mb	1017.8mb
Corrected tower pressure	1018.5mb	1018.4mb

FLIGHT METEOROLOGIST: JACK PARRISH

Track distance table (nm) File: AND1PH.DAT

#	LAT	LON	LEG	TOTAL	TIME
0	25 36	80 06	0.	0.	0:00
1	23 00	76 00	273.	273.	0:57
2	23 00	74 00	111.	384.	1:19
3	21 00	74 00	120.	504.	1:44
4	21 00	71 30	140.	644.	2:13
5	24 30	71 30	210.	854.	2:57
6	~ 25 15	~ 70 15	82.	936.	3:14
7E	~ 26 15	~ 70 15	60.	996.	3:26
8	~ 27 15	~ 70 15	60.	1056.	3:38
9	28 30	69 00	100.	1156.	3:59
10	30 00	69 00	90.	1246.	4:18
11	34 00	69 00	240.	1486.	5:07
12	34 00	72 00	149.	1636.	5:38
13	29 00	72 00	300.	1936.	6:40
14	28 00	73 30	99.	2035.	7:01
15	28 00	75 00	80.	2115.	7:18
16	31 30	75 00	210.	2325.	8:01
17	31 30	76 30	77.	2402.	8:17
18	30 00	78 00	119.	2520.	8:41
19	28 00	78 00	120.	2640.	9:06
20	25 36	80 06	183.	2823.	9:44

← 60 NM S OF EYE
 ← EYE
 ← 60 NM N OF EYE

ODW drop locations File: AND1PH.DAT

#	LAT	LON	TIME
1	23 00	76 00	0:57
2	23 00	74 00	1:19
3	21 00	74 00	1:44
4	21 00	71 30	2:13
5	23 00	71 30	2:38
6	24 30	71 30	2:57
7	~ 25 15	~ 70 15	3:14
8E	~ 26 15	~ 70 15	3:26
9	~ 27 15	~ 70 15	3:38
10	28 30	69 00	3:59
11	30 00	69 00	4:18
12	32 00	69 00	4:43
13	34 00	69 00	5:07
14	34 00	72 00	5:38
15	32 20	72 00	5:59
16	30 40	72 00	6:20
17	29 00	72 00	6:40
18	28 00	73 30	7:01
19	28 00	75 00	7:18
20	29 45	75 00	7:39
21	31 30	75 00	8:01
22	31 30	76 30	8:17
23	30 00	78 00	8:41
24	28 00	78 00	9:06

60 S
 EYE
 60 N

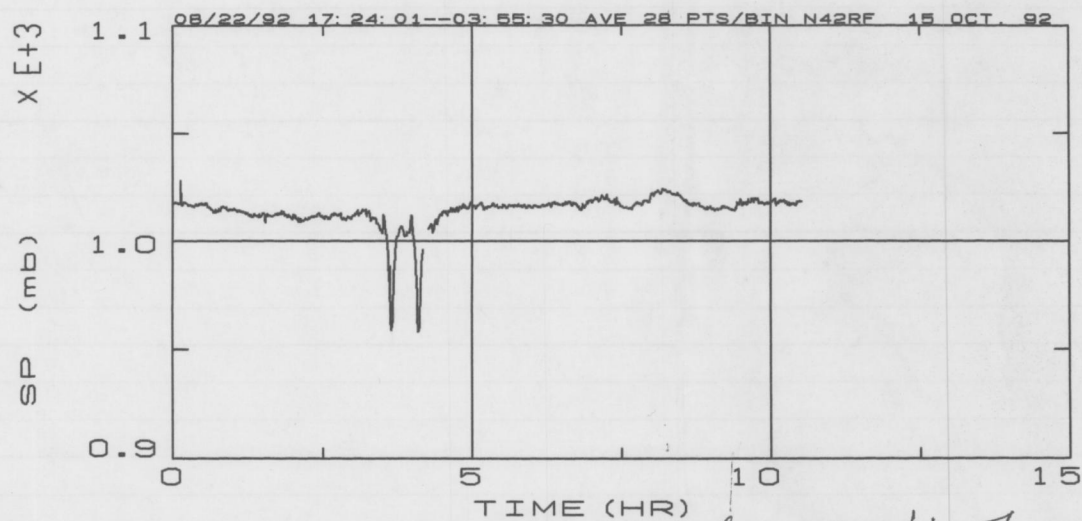
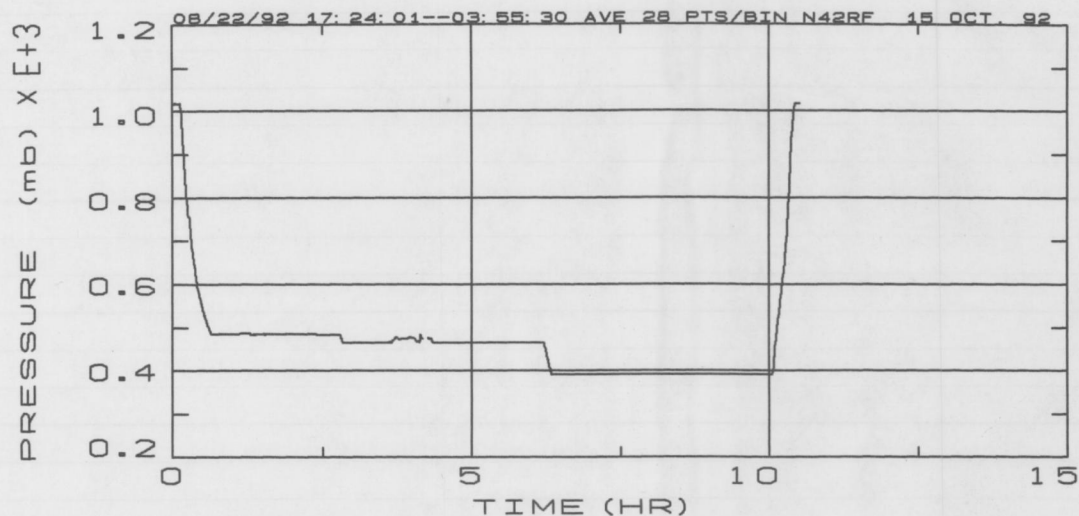
Track distance table (nm) File: AND1PI.DAT

#	LAT	LON	LEG	TOTAL	TIME
0	18 18	66 12	0.	0.	0:00
1	21 30	63 00	264.	264.	0:55
2	30 30	63 00	540.	804.	2:46
3	30 30	66 00	155.	959.	3:18
4	23 00	66 00	450.	1410.	4:52
5	21 00	67 00	132.	1542.	5:19
6	21 00	69 00	112.	1654.	5:42
7	23 00	69 00	120.	1774.	6:07
8	26 00	68 30	182.	1956.	6:45
9	~ 26 20	70 15	96.	2053.	7:05 ← 40 NM E OF EYE
10E	~ 26 20	71 00	40.	2093.	7:13 ← EYE
11	~ 26 20	71 45	40.	2133.	7:21 ← 40 NM W OF EYE
12	~ 25 40	71 00	57.	2190.	7:33 ← 40 NM S
13E	~ 26 20	71 00	40.	2230.	7:41 ← EYE
14	~ 27 00	71 00	40.	2270.	7:50 ← 40 NM N
15	27 00	73 00	107.	2377.	8:12
16	25 30	73 00	90.	2467.	8:30
17	25 36	80 06	385.	2851.	9:50

ODW drop locations File: AND1PI.DAT

#	LAT	LON	TIME
1	21 30	63 00	0:55
2	23 18	63 00	1:17
3	25 06	63 00	1:39
4	26 54	63 00	2:02
5	28 42	63 00	2:24
6	30 30	63 00	2:46
7	30 30	64 30	3:02
8	30 30	66 00	3:18
9	29 00	66 00	3:37
10	27 30	66 00	3:56
11	26 00	66 00	4:14
12	24 30	66 00	4:33
13	23 00	66 00	4:52
14	21 00	67 00	5:19
15	21 00	69 00	5:42
16	23 00	69 00	6:07
17	24 30	68 45	6:26
18	26 00	68 30	6:45
19	26 20	70 15	7:05 ← 40 NM E OF EYE
20E	26 20	71 00	7:13 ← EYE
21	26 20	71 45	7:21 ← 40 NM W OF EYE
22	27 00	73 00	8:12
23	25 30	73 00	8:30
24	25 30	76 30	9:10

closed area
N43 2345-0120
N42



92082214 St. Andrew Synoptic Flow

