

122 86.4
19.9



0757 Log Book
④ spruce - should not a skip in OBS

Changes: - Pt 5 is dropped (dupes)
- Go straight from 3 to 6
- Drop old pt 4 in between original #14 & 15

Storm Wilma Dropwindsonde Scientist's Goldenberg Page 1 of 2
Flight ID 051021n1 Flight Director Benny Demisno Takeoff from KTPA at 054042 UTC
Mission ID 1424A AVAPS Operators Jeff Smith, Jim Rales, John H. V. Recovery at KTPA at 131601 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	DLM wind (kt)	Comments	Processed	SATCOM tries	Ob #
01	612225045	060917	25.94	84.95	1011.0	104°/10	5	15°/11	(RH heating cycles except as noted) DK humid	✓		01
02	012225049	062218	24.47	84.45	1010.0	86°/16	5	14°/21	Dark; in cloud	✓		03
03	011378093	063614	22.88	83.97	1008.1	77°/25	8	135°/32	Dark; in cloud throughout some poy + rain - 2x some RH sensor outages below 780 mb	✓		02
04	051926035	072029	20.86	81.01	1007.0	123°/23	44	16°/28	Weak/poor telemetry and intermittent winds below 670 mb	✓		04
05	053316126	073508	18.98	81.04	1006.6	147°/27	488	175°/27	Dark; no winds below 955 mb	✓		05
06	002615513	075741	17.01	83.09	1004.1	172°/29	8	195°/30		✓	11	06
07	053116041	081327	17.00	85.06	1002.2	220°/31	4	235°/33	UBLOX sonde; heaters off Dark v h 2 (rev f)	✓		07 rht
08	053156028	082955	17.12	87.11	1002.7	204°/27	10	290°/33	UBLOX sonde (rev f)	✓		08
09	053170071	083836	18.12	87.03	998.0	263°/43	19	285°/45	Dark (rev f) - UBLOX sonde retransmitted	✓		09
10	051926185	085130	18.18	85.25	1010.9	200°/31	7	225°/57	Dark; late winds 85s retransmitted	✓		10
11	051926183	090437	19.26	83.76	1001.1	175°/52	—	185°/45	Dark; no winds below 677 mb; heaters off	✓		11 rht
12	051926055	092142	21.01	83.28	1003.3	130°/33	4	160°/43	Dark	✓		12
13	053170070	093638	21.71	85.10	1000.6	88°/37	15	130°/51	Dark (rev f) - UBLOX sonde RH heating cycles	✓		13 rht
14	044535564	094636	22.80	85.90	1003.9	71°/41	11	105°/36	Dark (rev f) - UBLOX sonde RH heating cycles	✓		14 rht
15	012025109	095637	23.89	86.70	1007.0	87°/27	4	095°/27	Dark; no winds 188-212 mb; no winds 238-320 mb on channel #3 but okay on AVAPS channel #7	✓		15
16	012225089	100722	24.91	87.61	1009.1	75°/19	7	090°/10	Dark; heaters off	✓		16 rht
17	051926040	102056	23.95	88.97	1007.3	42°/19	7	050°/16	Dark; no winds 183-210 mb on channel #2 - OK on AVAPS channels	✓		17

700/26
Fixed ~~3~~ par h
swap v h
160 → 180 - not
265 - 300 m
380 - 420 m
3'12" v
u11-12



N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm WILNA Dropwindsonde Scientist's Goldenberg Page 2 of 2
 Flight ID 051021-1 Flight Director D. S. Miano Takeoff from _____ at _____ UTC
 Mission ID 1424A AVAPS Operators _____ Recovery at _____ at _____ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	DLM wind (kt)	Comments	Processed	SATCOM tries	Ob #
18	051926140	103042	22.80	89.12	1005.8	41°/19	4	045/6	Heaters off no winds 202-201mb on AVAPS channel retrans, #1 - okay on #6	✓		18
19	012548032	104204	22.95	90.54	1007.3	18°/6	4	25/27	Manually enter flt level data	✓		19
20	012225053	105525	22.10	92.04	1007.7	6°/14	7	010/20	20% above 85°	✓		20
21	053166194	111254	23.81	93.38	1010.4	359°/12	34	369/4	UBLOX sonde	✓		21
22	051926181	112659	24.88	91.75	1009.4	27°/12	7	010/12		✓		22
23	051926043	114213	26.10	90.11	1010.6	76°/10	7	362/01	Heaters off	✓		23
24	012225052	115803	27.56	91.37	1011.8	24°/12	5	310/13	30% below	✓		24
25	012615157	120917	28.41	89.97	1012.2	35°/10	5	285/15	10% below	✓		25
26	012225209	122417	27.09	88.40					Spotty wind data above 540mb	✓		26
26B	012225071	122659	27.29	88.08	1011.2	92°/08	843	285/66	30% below; no winds below 920mb	✓		26
27	0122258013	123555	27.99	86.95					Heaters off; late winds 1375; 5% intermittent winds	✓		27
27B	053316122	123751	28.00	86.65	1013.0	82°/06	13	245/10	enter flt level data 100% below; heaters off	✓		27X
28	053166203	124822	28.00	85.00	1012.6	78°/08	44	230/12	Heaters off rev f - UBLOX sonde	✓		28X

#27 LAT - 28.00 WS - -65.55 PR - 146.3
 Lon - 86.39 Td - GA - 14299.0
 WD - 273