

need to be careful after posting to log file

(ES) - monitor RH 48 after filter
 # (ES) when 14 is run twice - then comments are not put on message
 (ES) need to be able to undo (10) & then do (8)

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

Storm ARLENE Dropwindsonde Scientists Goldenberg Page 1 of 2
 Flight ID 05D610n Flight Director Barry Damiano Takeoff from MacDill at 1724 UTC
 Mission ID 0801A AVAPS Operators Dale Carpenter, Ritz Recovery at MacDill at 0130 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	DLM wind (kt)	Comments	Processed	SATCOM tries	Ob #
01	001915360	180420	29.91	79.01	1015.4	107/20 10	145/11	mid cld + low level splash 1645	✓		01
2	042415139	182127	N/A	N/A				NO launch detect - no winds possible dry bias - RH 25			NS
2A	044535441	182227	27.87	78.00	1014.4	111°/20 10	145/13	in top of cirrus 472	✓		02
03	044535439	183759	26.00	78.00	1001.5	— —	155/16	lost data before splash	✓		03
04	001715006	185547	23.93	78.20	—	—	180/15	lost data before splash	✓		04
05	001915066	191001	23.34	79.89	1008.8	122°/24 10	190/20	temp on bad - discard			05
06	001915101	194402	25.64	83.47	1001.5	120°/46 51	175/37	in cirrus - RH 2	✓	11	06
07	001715039	195651	24.23	84.08	1001.1	198°/26 10	215/28	50% below	✓	11	07
08	042115138	201142	23.16	85.60	1002.2	227°/12 10	230/20	50% below (RH 2)	✓	11	08
09	042115144	202559	23.18	87.44	1002.5	310°/13 10	250/12	50% below	✓	1	09
10	042715018	204020	24.12	88.96	1003.2	358°/16 10	320/6	100% low	✓	11	10
11	042415284	205552	23.93	90.95	1005.2	28°/10 10	350/9	100% low	✓	1	11
12	042415286	211200	22.00	91.01	1005.1	340°/9 10	325/06	< 5%	✓	1	12
13	001915143	213018	20.04	92.05	1004.9	29°/7 13	305/23	clv	✓	1	13
14	042215049	214742	20.13	94.28	1003.9	89°/11 10	360/7	< 5% splash TX = 1746	✓	1	14
15	044535229	220604	20.30	96.57	1002.6	113°/12 10	355/9	clv or hazy late winds 835	✓	1	15
15B	042115012	220738	20.45	96.70	—	—	—	intermittent winds			NS

(ES) into station for wind

(ES) keep last wind # in memory be able to switch to current

try great turbulence

(ES) 79 #2

(ES) must be able to undo 10

#5 I should have received flags on T?

(ES) (6) - should say - RH switch to RH 2

(ES) (7) - when I specified QC parameter it stopped at the end of run

late winds 635

swage

NS

NS

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(es) - if you say (no) to see flag limit
should not go straight to (10)

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

Storm ARLENE Dropwindsonde Scientists Goldenberg Page 2 of 2
Flight ID 050610n Flight Director Barry Dominico Takeoff from Madill at 1724 UTC
Mission ID 0801A Arlene AVAPS Operators Raymond Dale Carpenter Recovery at Madill at 0130 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	DLM wind (kt)	Comments	Processed	SATCOM tries	Ob #
16	044535231	222215	22.02	97.60	1002.8	109°/16 10	305/6	10 90 below	✓		16 NS
17	044535227	224057	23.74	96.96	1003.8	130°/15 10	275/7	5 90 below dropped 234 miles late	✓		17 NS
18	044535232	225625	23.12	95.04	1004.3	85°/14 10	335/6	5 90 below (with 5-80)	✓		18 NS
19	044535233	231117	24.95	94.92	1005.4	97°/13 10	295/6	5 90 below	✓		19 NS
20	001915294	232454	25.09	93.10	1005.8	40°/9 47	334/7	5 90 below 1955 ft to 20 mid level winds	✓		20 345- NS 400 (2.0)
21	044535438	234142	26.98	93.84	1006.0	86°/10 12	305/4	2 90 below	✓		21 NS
22	034718018	235503	26.99	92.00	1005.9	72°/15 10	340/3	clr	✓		22 NS
23	044535234	001441	26.09	89.53	1004.5	47°/17 10	360/8	15 90 below	✓		23 NS
24	041625021	002901	27.77	88.91	1005.4	59°/30 10	065/11	8 90 below	✓		24 NS
25	041715042	004920	28.85	86.50	1005.2	80°/34 10	100/25	20 90 below	✓		25 NS
26	042215116	010225	28.31	84.80	—	—	125/40	100 90 below data lost before RH ch. started no heights	✓		26 NS

28 drop for
26 used