

19980901N1-DROPS

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Earl
Flight ID 980901N
Mission ID 0405A Earl

Dropsonde Scientist(s) Franklin/M. Black
AVAPS Operator(s) Chris Hornbrook

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Takeoff 23053 UTC
Landing UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)/m/s	Comments	Prc ?	Xmt ?
1	982010121	180135	25.4	76.9	227.0	11534	-43.9		013/17	20% / SLOW FALL	✓	1
2	982430019	181602	23.4	76.6	175.6	13149	-59.4		023/30	10% / REAL SLOW T SENSOR SLOW FALL	✓	2
3	982630008	183149	23.5	78.3	175.6	13178	-58.4		006/25	40%	✓	3
4	982010106	184555	24.0	80.0	175.8	13177	-57.1		345/18	59% / SLOW FALL	✓	4
5	982010120	191738	24.2	84.0	175.9	13187	-57.9		341/23	IN THIN CIRRUS, 45% LOW CU	✓	5
6	982430015	193406	26.0	84.2	176.1	13189	-57.8		298/23	in cirrus, 10% low	✓	6
7	982430184	195254	25.8	86.5	176	13191	-56.5		273/11	100% thick cirrus ^{bad Temp}	✓	7
8	982010047	200317	24.5	86.5	176	13196	-56.7		309/8	thin cirrus 20% low cu	✓	8
9	982430192	202338	22.0	85.5	176	13183	-57.0		18/14	30-25 kts 15% low, thin cirrus	✓	9
10	982430092	203459	20.9	84.67	176	13176	-57.4		16/17	50 miles from Cuba slow 25% low cu begin	✓	10
11	982430066	204712	20.2	86.0	176	13188	-57.0		18/22	10% low cu *NO WINDS*	✓	11
11a	981750077	204855	20.4	86	176	13190	-56.7		17/22	10% low cu Back up to 11	✓	11
12	Skipped due to track changes											
13	973720115	210904	21.9	87.6	159.8	13798	-62		325/16	early drop near convection cirrus thick 40% low cu	✓	12
14	981950030	212419	23.2	89.0	160	13804	-62		321/5	cirrus, 15% low cu / RH 2/slow	✓	13
15	981010068	214457	25.5	89.2	159.8	13792	-61.6		269/8	in thick cirrus / RH low	✓	14
16	982640255	215908	25.5	91.0	159.9	13780	-61.2		248/20	in thick cirrus / puffy RH low	✓	15
17	982010020	221537	23.7	91.0	159.8	13789	-61.7		294/06	thin in cirrus, 06's nearby	✓	16

NO WIND

27⁰⁷ 91⁰⁸ 0012²² 998

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Takeoff 173054 UTC
Landing 0142 UTC

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