Blockout 1722

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Danielle
Flight ID 980830N
Mission ID NOAA91104A
Danielle

Dropsonde Scientist(s) Mike Black/Shawn White
AVAPS Operator(s) Carlos Prados-Bergues/John Hill

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Takeoff 1729 UTC
Landing 0215 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
1	974150016	175814	28.18	77.99	250	10900	-38.8	-45.6	147/19	34,000ft clear air	✓	01
2	973720048	180824	29.51	78.0	197	12465	-52.2	-56.6	146/28	100% cloud below	✓	02
3	974510046	181448	30.34	78	175.6	13167	-57.4	—	170/26	Backup to #2	✓	00
4	974510079	182032	31.08	77.9	175.6	13169	-57.8		161/34	Good Sonde	✓	03
NO 5	974510043	183258	32.17	76.5	175.8	13180	-57.8		202/22	no winds	No	No
6	972440112	183429	32.17	76.33	175.8	13179	-57.5		209/23	backup #5	✓	05
7	974510032	184613	33.33	75.00	175.9	13175	-58.0		199/20	edited Temp near launch	✓	06
8	974730125	190000	34.61	73.5	176	13174	-58		234/31	Fast fall part way	✓	07 COR
9	974740048	191322	36.34	73.5	176	13142	-57.5		244/46	NO fast fall	X	X
10	974730091	191534	36.62	73.5	176	13138	-57.2		245/50	Backup #9	✓	08
11	974730105	192710	38.0	73.2	176	13114	-57.2		241/62		✓	09
12	974530070	193909	37.9	71.1	176	13127	-57.1		235/50	100% strata Cu ~650mb	✓	10
13	972630029	194951	38.0	69.3	176	13137	-57.2		229/50	10% cirrus Bt ~5nm	✓	11
14	974510023	200744	37.8	66.3	176	13163	-57.2		247/36	50% Cu ~850mb	✓	12
15	974740052	201820	36.7	65.5	175	13187	-58.4		257/14	10% strata Cu NO ~~FASTFALL~~?	✓	13
16	974740136	203124	35.3	64.7	175	13196	-58.0		264/20	Clear	✓	14
17	974510022	204748	34.4	66.6	176	13199	-58.3		285/14	20% strata Cu	✓	15
18	974530039	210424	35.9	68.1	176	13194	-57.6		249/36	20% "	✓	16

sent as ab 21 later

§ 00Z 27.5G 74.1K 983 mb

root

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Danielle
Flight ID 980830u
Mission ID 1104A Danielle

Dropsonde Scientist(s) M. Black/S White
AVAPS Operator(s) JCPB/Hill

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Takeoff 1729 UTC
Landing 0215 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
19	974530085	211849	35.8	69.9	159	13776	-63.5		223/44	50% low strata Cu	✓	17
20	974510049	213916	33.4	70.0	159	13791	-63.2		240/24	Clear	✓	18
21	974510045	215239	32.5	71.5	159	13792	-63.8		206/24	100% high thin cirrus 100% multi-layer below	X	X
22	974740044	215358	32.4	71.6	159	13797	-63.7		207/30		✓	19
23	974730087	220738	31.3	72.9	159	13786	-62.3		213/44	80% clouds at multi-layers below	✓	20
24	974740055	222052	30.0	72.7	159	13787	-62.4		199/24	100% high clouds cirrus	✓	21
25	974740057	224030	30.0	69.9	160	13805	-62.5		300/16	scattered low / slow/fast *	✓	22
26	974150037	225756	31.10	67.9	160	13795	-61.8		105/4	Scattered low	✓	23
27	982720280	232028	28.9	66.2	160	13771	-62.7		10/17	10% scattered low *1	✓	24
28	982430004	234517	27.0	68.0	160	13784	-62.6		332/12	dark outside slightly fast	✓	25
29	982010098	240038	26.8	71.0	145	14374	-67.4		80/12	45,000 ft noisy winds	✓	26
30	981950038	242408	24.0	71.2	145	14361	-67.8		54/23	slow/fast's	✓	27
31	982010064	244227	24.2	73.5	145	14365	-68.3		63/20	slow/fast	✓	28
32	982010031	245851	25.94	74.75	145	14350	-67.2		238/8	lightning - lots of it!	✓	29
33	982010016	251643	25.9	76.1	145	14363	-66.6		187/23	closest approach to §	✓	30
34	982430021	252826	24.7	76.9	145	14372	-67.4		152/23	noisy winds	✓	31
		Note 98083IN maps not plotted										

wrong Cor

restarted SAT com

? NO WIND

Cor

* different parachute
*1 First 98... sonde today - started slow