

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Lane Dropwindsonde Scientists Selwood Page 1 of 2
 Flight ID 1114E Flight Director Henning Takeoff from HNL at 143 UTC
 Mission ID 2480822H AVAPS Operators Patel Recovery at HNL at 033 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	025959.1	240	1825	15445	1011.7	065/15 10			Environment / DWL	1
2	032457.1	339	1469	15574	1006.6	20/27 10			IP	3
3	033904.2	339	1465	15485	1004.9	310/28 10			mid	4
4	035127.3	351	1453	15408	961.7	28/15 10			EW W	5
5	035533.6	355	1444	15383	943	100/11 10			center EW E	6
6	035352.5	354	1445	15394	927	165/13 10			center center	7
7	040919.7	409	1449	15293	1005.9	135/20 10		mid	center center	9
8	041602.8	406	1454	15268	1006.3	135/20 10		Cumulo	center + drdg	11
9	050455.1	504	1445	15214	1010.6	150/24 10		Full leg 1	center	12
10	054100.2	541	1632	15420	1009.8	70/27 10			End DW leg	14
11	055241.3	552	1556	15426	1006.5	65/41 10			mid	15
12	060601.4	605	1464	15426	944.1	31/140 10			EW N	16
13	060750.5	607	1452	15423	931.6	235/08 10			center	17
14	060923.6	609	1442	15423	924.4	21/105 10			EW S	18
15	060957.7	610	1438	15423	968.2	22/97 10			EW S	19
16	062210.8	622	1355	15429	1006.7	240/27 12			mid	21
17	063446.1	634	1276	15423	1009.7	250/18 10			End leg 2	22

(1) dry vapor 700 mb

(4) bad lat/lon

(7) manually edited bad sfc lat/lon

(15) first full at short

(12) big updraft

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Storm Lane Dropwindsonde Scientists Sellwood Page 2 of 2
 Flight ID 1114E Flight Director Hanning Takeoff from HNL at 143 UTC
 Mission ID 2080822H1 AVAPS Operators Patel Recovery at HNL at 933 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
18	065146.2	651	1334	15312	1008.1	180/20 12			end PW leg 2	24
19	070614.3	706	1408	15380	1003.6	185/40 10			m.d	25
20	071457.4	715	1453	15425	992.4	95/14 12			EW SE	26
21	071701.5	717	1455	15437	995.8	225/19 12			center	27
22	071934.6	719	1462	15448	994.0	310/100 10			EW NW	28
23	071956.7	720	1463	15449	994.3	NA			EW NW	29
24	073321.8	733	1533	15490	1005.9	NA 14			m.d	31
25	074534.1	745	1509	15545	1009.8	25/20 10			end leg	32
26	085008.1	850	1830	15682	1014.4	15/23 10			clear air at altitude	33

→ center 936-225/19
 (23) unfogged lens and but couldn't get str in temp drop
 → flight aborted due to vibrations + 36 up/down