

# N49RF HRD GPS Dropwindsonde Scientist Log (Revised 9/2000)

Storm Gordon

Flight Director Damiano

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Flight ID 000916N

Dropwindsonde Scientists Landsea, Kaplan

Takeoff 1726 UTC

Mission ID 0911A Gordon

AVAPS Operators Hill, Prades, Smith

Landing 0149 UTC

NOT SENT

OB #

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	Location Comment	Comments	<input checked="" type="checkbox"/> Done	SatComm Failures	<input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> T
1	993645016	180812	26.97	77.50	1013.0		32.5/03	245/15	100% mid-level cloud	✓		1
2	993655080	182810	24.53	77.57	1012.6	125/06	130/05	205/07	50% mid-level cloud	✓	11	2
3	994015047	184512	24.03	79.59	1012.1	110/11	165/10	190/14	100% in cloud	✓		3
4	991845356	190234	23.57	81.66	1010.8	135/17	155/20	190/24	100% in cloud	✓		4
5	993915005	191907	23.21	83.76	1012.2	175/24	170/34	205/35	100% in cloud	✓		5
6	993925092	193525	22.66	85.82	1005.8	205/24	205/34	245/25	70% low-level	✓	1	6
7	991845137	195158	22.91	87.94	1006.5	300/17	300/17	300/12	10% low-level	✓		7
8	990935148	200847	21.72	90.0	NOT	SENT			clear below ATC (Fast Fall)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8a	994015052	201035	21.55	90.14	1007.1	340/06	045/08	330/09	clear below ATC	✓		8
9	993925334	203532	19.05	92.01	1006.9	355/17	335/09	350/08	50% cirrus 50% stratu	✓		9
10	993925349	210417	19.07	95.48	1008.5	355/20	355/24	005/11	80% mid-level cloud	✓		10
11	993915075	212531	21.46	95.89	1009.4	030/17	020/23	350/11	50% low-level: winds 210-315	✓		11
12	993915011	213812	21.50	94.25	1008.0	030/11	025/12	245/10	IN Thick cloud	✓	1	12
13	993948036	215124	21.55	92.47	1007.4	350/10	10/10	340/12	clear below ATC	✓	1	13
14	994338027	221048	23.48	91.15	1007.5	25/13	20/14	325/13		✓		14
15	991435050	223520	24.00	94.00	1008.9	60/14	55/18	335/14	Thin Alt Str below, 25% Cu below	✓		15
16	994325431	225137	24.09	95.90				(FAST FALL)	100% Cirrus below	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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 Mission ID 0911A Gordon AVAPS Operators Hilly, Prades, Smith Landing 0149 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	Location Comment <i>Deep Layer Mean</i>	Comments	Pro- posed	SatComm Failures	Sent
16A	991037131	225257	24.24	95.88	1010.1	25/14	30/18	345/13	100% Cirrus below - Slow Fall?	✓		16
17	994338033	230917	26.00	95.00	—	—	—	335/13	20% Cu - NO DATA ≥ 85 mb No winds 460-545	✓		17
18	993925204	232619	27.45	94.91	1012.0	40/22	50/24	30/16	Clear	✓		18
19	993915010	234420	27.93	92.55	1011.2	45/20	50/23	20/15	50% Str Cu	✓		19
20	993925271	000027	26.05	92.42	1009.5	35/15	45/15	360/13	20% Str Cu to Cu/low	✓		20
21	993915069	001744	26.08	90.04	1009.1	50/9	50/10	335/12	Slightly Dark	✓		21
22	993215280	003329	27.95	89.91	1011.7	45/23	45/26	15/15	Moderately dark	✓		22
23	994015051	004725	28.00	87.94	—	—	—	Poor winds	Very Dark	—		
23A	993018016	004440	28.00	87.82	—	—	—	—	—	—		
23B	993215049	005259	28.00	87.22	1010.4	20/5	30/12	55/4	Noisy! (220-275, no winds)	✓		23
24	994338030	010620	28.00	85.41	1010.4	110/28	120/19	140/9	Extremely Dark - Bumpy! spotty	✓		24

had to hand  
AVAPS  
ftp it  
to us.