

26.54 85.23 56 kts SE quad
998 2020 Z

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm T.S. Harvey

Flight Director Barry Damiano

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Flight ID 990920N

Dropwindsonde Scientists John Gamache/M. Black

Takeoff 1730 UTC

Mission ID 0310A Harvey

AVAPS Operators Jeff Smith/John Hill

Landing UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SST (°C)	Location Comment	Comments	Ob #
✓ 1	983620586	180435	28.47	86.03	1006	65/15	75/16		70% cu	good sonde	01
✓ 2	990415310	182022	28.00	88.00		14/20	15/20		1090 cu	OK	02
✓ 3	991835024	183541	28.00	90.00					30% cu	partial Rst. Log M. recent Spom Analysis - not processed	
✓ 3a	990415364	184110	28.00	90.7	1010	15/20	20/23		40% strat	OK	03
✓ 4	983440024	185112	28.00	92.00	1011	20/14	15/16		clear	SA 179.4 - 200!	04
✓ 5	990415286	190646	27.94	93.98	1011	2/14	10/15		clear	OK	05
✓ 6	983620735	192251	26.17	94.83	1012	03/11	005/11		10% cu	OK	06
✓ 7	990415047	193911	24.34	95.66	1011	342/6	350/6		50% cu	OK	07
✓ 8	990415116	195544	22.48	96.46	1011	333/04	325/04		20% cu	late winds (N 100sec)	08
✓ 9	990148035	201923	20.04	97.97	1011	325/06	315/07		10% cu	slight Rst. Rst	09
✓ 10	983840575	203306	20.00	93.25	1011	385/10	300/10		5% cu	OK	10
✓ 11	983620738	204719	20.11	91.60	1010	295/12	300/12		5% cu	partial slow fall SA 163 - 179 mb	11
✓ 12	990415112	210940	22.53	92.95	1010	320/13	325/14		< 5% cu		12
✓ 13	990415307	212344	24.0	92.0	1009	350/19	350/22		25% cu		13
✓ 14	990415298	213805	25.39	90.93	1008	350/19	350/22		50% cu	timing error - changed time 0.8 to 0.7 SA 163-173	14
✓ 15	990415317	215055	24.25	89.75	1007	335/16	335/16		100% cu	SA 163 - 184	15
✓ 16	985945010	220522	23.03	88.46					10%	no winds not processed	
✓ 16a	983620560	220641	23.02	88.30	1006	286/14	215/15		5% cu		16

