

26.54 85.23 56 kts SE quad
998 2020 Z

990920N-DROPS

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		10% cu	OK	02
3	971835024	183541	28.00	90.00					30% cu	Partial Post Fall recent from AVAPS - 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 179.4-200.1	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	342/16	350/16		5% cu	OK	07
8	990415116	195544	22.48	96.46	1011	333/04	325/04		20% cu	late winds (N 100 sec)	08
9	990148035	201913	20.04	97.97	1011	325/06	315/07		10% cu	slight East Rain	09
10	983840575	203306	20.00	93.25	1011	285/10	300/09		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		5% cu	timing error; changed time SA 163-183 mb	14
15	990415317	215055	24.25	89.75	1007	335/16	335/16		100% cu	SA 163-184	15
16	985445010	220522	23.03	88.46					10%	no winds not processed	
16a	983620560	220641	23.02	88.30	1006	286/14	295/15		5% cu		16

AF 0010Z 27,06' 84°35' 995
 47 kts 54 kts

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Flight ID 990920 N

Dropwindsonde Scientists M. Black / J. Gamache

Takeoff 1730 UTC

Mission ID 03/0A Harvey

AVAPS Operators J. Smith / J. 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 #
17	99041538	222339	23.25	86.17	1007	245/19	245/19		100%	100%	17
18	990415242	224151	23.50	83.84	1007	206/21	205/23		100%		18
19	990415114	230019	23.74	81.58	1008	214/21	205/26		100%		19
20	990415271	232420	23.07	78.51	1010	103/7	116/07				20
21	983220510	234029	24.66	77.50	1010	148/9	150/9		50%		21
22	990415315	235648	26.34	76.50	1011	X	115/7		dark		22
23	990415249	001239	28.00	75.51	1011	X	065/10				23
24	990415113	003831	30.99	75.66	1012	50/9					24
25	990415267	005951	31.00	78.25	1012	110/14	110/14		dark		25

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