

141 FL112V1

2
12/15 23° 66' 6"
12/22 23, 68
0/2 23.2 68°

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm FLOYD

Flight Director STAN CZYZYK

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Flight ID 990912H1

Dropwindsonde Scientists M. Black, P. Dodge, R. Black

Takeoff 1929 UTC

Mission ID 1208A FLOYD

AVAPS Operators Carlas

Landing UTC

SFM

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SBT (°F)	Location Comment	Comments	Ob #
1	990830032	181110	27.93	61.02	1016	8.2	115/16	-	Clear air	good chop	004
2	990838028	184828	27.5	61.5	1013.9	10.1	115/21	-	Clear air	good chop	07
3	990838026	192254	25.0	61.6	1012	10.8	130/27	-	Clear air	"	09
4	990935046	194212	25.0	63.28	1009	13.6	135/32	14	Undercast	"	11
5	991018007	200125	25.05	65.04	1006.3	18.6	115/44	21.2	BKN undercast	"	12
6	990935041	202520	27.0	65.75	1008.8	17.3	90/33	19.8	ssc under	"	14
7	992615063	205227	29.0	66.61	1012	11.6	080/25	15	clouds	" clouds at top, etc	16
8	992615061	211403	27.33	67.33	1007.6	15.1	075/35	15	undercast	"	17
9	990838031	213548	25.65	68.1				24	undercast	descending FAST FALL SONDE	X
9b	991018064	214355	25.04	68.24				28	"	NO WINDS EITHER	X
10	991425009	215438	24.27	66.24	X	X	X	37		RAINBAND didn't reach bottom	20
E03	992515754	220328						58/15	NW eye wall	EYE WALL 3 160 KTS MAX	22
22	992645006	220326						58		Eye wall 2 } winds	37
18	992515733	220325						58		Eye wall 1 } flaring	38
11	992515734	220844						missed		EYE ended at 861 mb	X
12	992515755	221713								Rainband	X
13	992515753	221746								Rainband	X
14	990415135	223950	23.4	67.24	991	-	155/6	410		Rainband	26

174 KTS!

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Storm FLOYD
 Flight ID 990912H
 Mission ID 1208A FLOYD

Flight Director CZEZYK
 Dropwindsonde Scientists MBLACK, RBLACK, DODGE
 AVAPS Operators Carlos

Page 2 of 2
 Takeoff 1929 UTC
 Landing UTC

SEAR
winds

01-251

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 #
✓ 15	992645007	225039	23.4	68.01				57.7		EYEWALL	39
✓ 16	992515761	225449	23.67	68.4	936.5		180/14	10		EYE	27
✓ 17	992455199	230349	23.7	68.5				61.5		NE EYEWALL no winds	X
✓ 18	992515757	230405	23.7	68.5						NE EYEWALL No low winds 145kt	X
✓ 19	992455397	230426	23.7	68.48						NE EYEWALL no winds	X
✓ 20	992615005	231447	23.32	68.75				59		W moe eyewall	30
✓ 21	992615013	231435	23.32	68.74				46		W eyewall in winds	X
✓ 22	992515766	233024	23.19	69.79	992.1		58	26.5		60 miles west of ctr	40
✓ 23	990935172	001109	20.48	67.84						No launch detect SE of outer band	X
✓ 23a	990935165	001206	20.53	67.76		11.4	250/30			Lack up - good	42
✓ 24	992455321	004725	22.4	64.97	1008	10.3	153/28			edge of rain band	43
✓ 25a	992515771	004909	22.0	64.81	1008.7	8.95				in rain band	45
✓ 26	992455396	010748	22.0	63.25	1010.9	14.2	145/33	15			46
✓ 27	992455317	013004	21.93	61.46	1012.9	—	145/22	12			47
✓ 28	992455398	020544	19.62	63.26	1011.1	—	130/26	15.2		LAST SONDE	49