

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm Bret Flight Director Stan Czekayk Page 1 of 2  
 Flight ID 990821H Dropwindsonde Scientists John Hill, Joe Pione, Rob Rogers Takeoff 174036 UTC  
 Mission ID UXWXA, BRET AVAPS Operators 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	984715282	200846	24°19'	93°43'				28.7	~75 mi E of eye outside of rainband		8
2	984325450	202805	24°15'	94°46'			0619		eyewall drop (right side)	Max fl level 102	12
3	984325370	202143	24°13'	94°57'			0507		eye drop	965 mb SLP	10
4	984325346	202802	24°13'	95°13'			-	30.2	eyewall (west)	(mixed layer depth to 52 m)	14
5	984715099	202327	24°06'	96°17'					west of eyewall	no obvious rainband	15
6	984325581	202354	23°25'	95°45'				28.3	SW point - used RHE		24
7	984325414	210505	24°14'	94°58'					SW eyewall		20
8	984715264	211252	24°34'	94°45'				29.4	NE eyewall (inner)		16
9	985035295	211335	24°35'	94°44'			09095		NE eyewall (middle)		18
10	984325238	212730	25°32'	94°15'					NE of storm		27
11	984725318	213806	25°36'	95°04'				30.1	N or storm	25 miles clear / low	37
12	984325376	215214	24°39'	95°01'						inner North eyewall	33
13	984715282	215240	24°57'	95°01'						inside edge north eyewall	X
	eye	215440	24°29'	94°58'						eye position	
14	984325376	215720	24°13'	94°55'					south eyewall	no launch defect	late 50
15	984715282	221553	23°11'	94°35'					clear	south point	54
16	985035046	220529	23°28'	94°18'				29.2	clear	SE point	50
17	984325376	223558	24°29'	94°50'						SE eyewall middle - low	38

AVAPS  
 12-13-14-15-16-17

