

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm KARL

Dropwindsonde Scientists Brittany Dahl

Page 1 of 2

Flight ID 20160923I1

Flight Director Richard Henning

Takeoff from STX at _____ UTC

Mission ID W912A

AVAPS Operators _____

Recovery at STX at _____ UTC

LAST
21 115725
26

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	D20160923-075451-P.1	0754	26.49	-63.56	1007.3	224/24.8	10	-		ID	1
2	D20160923-080711-P.2	0807	27.07	-64.22	1003.8	209/29.3	10	-		midpt	2
3	082141-P.3	0821	27.76	-64.89	999.9	339/28.3	10	-		center eyes	3
4	082321-P.4	0823	27.84	-64.99	999.0	323/33.4	10	-		center → eyewall 315	4
5	082536-P.1	0825	27.94	-65.10	997.9	307/42.1	10	-		eyewall 315	5
6	083503-P.2	0835	28.36	-65.58	1005.6	22.0/43.9	10	-		midpt	6
7	084424-P.3	0844	28.75	-66.11	1009.1	24.2/20.4	10	-		NW turn pt	7
8	091156-P.4	0911	26.87	-66.16	1009.1	307/31.6	10	-			8
9	092606-P.1	0926	27.46	-65.51	1004.9	324/16.0	10	-		midpt	9
10	093501-P.2	0935	27.92	-65.14	995.0	27/39.4	10	-		center	10
11	094744-P.3	0947	28.51	-64.48	1003.1	116/27.4	10	-		midpt outbound	11
12	095736-P.4	0957	28.97	-63.96	1006.0	89/34.2	10	-			12
13	101616-P.1	1016	29.6	-65.28	1008.6	61/32.6	10	-			13
14	103030-P.2	1030	28.59	-65.27	1063.3	32.3/35.5	10	-			14
15	104251-P.3	1042	27.88	-64.89	993.6	104.9/23.7	10	-		center	15
16	105658-P.4	1056	26.99	-64.86	1007.3	246.8/25.6	10	-			16
17	111923-P.1	1119	28.04	-63.68	1006.5	177/49.9	10	-			17

5 is vortex msg

12 is vortex msg

15 rec

19 vortex msg

23 vortex msg

18 112647-P.2 1126 28.06 -64.23 1063.1 173.4/41.2 10 -

19 113549-P.3 1135 998.9 330/20.2 10 -

20 114646-P.4 1146 1064.9

near center

max wind

25

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Storm KARL Dropwindsonde Scientists Brittany Dahl Page 2 of 2
 Flight ID 20160923I1 Flight Director Richard Henning Takeoff from NSTX at 4:18 UTC
 Mission ID WG12A AVAPS Operators Daniel Sorensen Recovery at _____ at _____ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface		BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
						dir/spd (kt)	hgt (m)				
18	112647_P.2	1126	28.06	-64.23	1003.1	173/41.2	10	-			22
19	113549_P.3	1135	28.06	-64.91	998.9	330/202	10	-		near center	24
20	114640_P.4	1146	28.07	-65.70	1004.9	0.7/320	35.2	-		near ste winds failed buddy check	25
21	115725_P.1	1157	28.07	-66.5	1009.7	344/21.1	10	-		*LAST*	26

23 vort msg