

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

Storm KARL Dropwindsonde Scientists Brittany Dahl Page 1 of 1

Flight ID 20160921I1 Flight Director Rich Takeoff from STX at 0600 UTC

Mission ID WC12A KARL AVAPS Operators _____ Recovery at STX at _____ UTC

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	D20160921-072324-P.1	072324	18.9266	-58.0967	1008.7	35.0/	10	/		IP	1
2	D20160921-073609-P.2	073609	19.5713	-57.4374	1007.3	11.9/	10	/		mid point	2
3	D20160921-075658-P.3	075638	20.6080	-56.3584	1007.2	9.9/10.0	10	/		"center"	3
4	D20160921-080548-P.4	080548	21.0769	-55.8630	1008.9	11.4/13.0	10	/		midpoint outbound	4
5	D20160921-083653-P.5	083653	21.0598	-58.3973	1009.1	6.8/7.4	10	/		NN turn pt	5
6	D20160921-084759-P.6	084759	20.5019	-57.7458	1008.2	23.8/7.3	10	/		midpoint in	6
7	D20160921-085754-P.7	085754	20.0007	-57.2152	1007.9	34.4/5.2	10	/		center	7
8	D20160921-090813-P.8	090813	19.4806	-56.6681	1008.0	23.1/3.2	10	/		midpoint out	8
9	D20160921-091852-P.1	091852	18.9452	-56.1028	1008.6	19.9/5.5	10	/		SE turn pt	9
10	D20160921-093412-P.2	093412	20.0317	-55.7342	1009.1	135.7/7.4	16	/		E turn pt	10
11	D20160921-094707-P.3	094707	20.0103	-56.6506	1008.2	181/7.0	10	/		midpt inbound	11
12	D20160921-100925-P.4	100925	20.0036	-58.3154	1009.1	31.1/6.3	10	/		midpt outbound	12
13	D20160921-101915-P.5	101915	19.9982	-59.0125	1009.7	43.4/6.1	10	/		W turn pt	13
14	D20160921-104342-P.6	104342	18.4974	-57.7159	1010.1	234.7/2.5	30.6	/		turn pt lowest winds failed middle check	14
15	D20160921-105533-P.7	105533	19.2850	-57.6736	1008.9	237.4/3.9	10	/		midpt inbound	15
16	D20160921-110558-P.8	110558	20.3319	-57.8154	1008.9	31.0/3.1	30.5	/		"center" lowest winds failed mid day check	16
17	D20160921-112133-P.1	112133	21.0458	-57.9864	1009.0	06.5/4.9	10	/		midpt	17

LAST 18 D20160921-113301-P.2 113301 21.8148 -58.1808 1009.5 50.8/9.1 10 - last drop 18