

Take-off: 8GI 1140Z
Landing:

AOC GPS Dropwindsonde Log (Revised Mar 2018)

Flight ID: 190929N1

ASPEN Operator/Flight Director(s): J. Dunison / R. Henning, J. Carpenter

Mission ID: WE13A LORENZO

Storm Name/Track: Hurricane Lorenzo

PG 1 of 1

Sonde #	Ob #	Launch Time HHMMSS (Z)	Sonde ID (color)	Ch # used	Lat (°N)	Lon (°E)	Prominent Wx Cond.	SFC Pts (mb)	Comments / Issues / QC / ASPEN Edits	KWBC #	Sonde Issues?	SFC Wind
1	01	122925	20794	1	15.01	53.94	SAL	1014.9	Sfc ~ 600-950mb (~40-45%RH)		N	07006
2	X	125601	20859	2	16.56	50.95	SAL	1014.1	No T/H - backed up		Y	NA
3	02	125646	20346	3	16.60	50.86		1013.7			N	25006
4	03	132158	20620	4	19.05	48.01		1013.6			N	27010
5	X	133238	20339	1	19.30	47.61		1012.1	no winds until ~ 580mb. BACKED UP		Y	26016
6	04	133331	20993	2	19.40	47.58		1011.9	Flagged last 2pts (p sats)		N	25516
7	05	133952	20546	3	20.15	47.37		1011.9	no T/RH		Y	NA
8	06	134334	20804	4	20.59	47.24		1010.5	dry air intrusion		N	25020
9	07	135430	21047	1	21.85	46.83		1008.7	most 500mb to sfc		N	26018
10	08	140707	20865	2	22.24	45.35		1006.4			N	23522
11	09	142248	10910	3	23.55	43.52		1004.8	Flagged last 2pts (p sats)		N	20040
12	X	NO DROP										
13	10	143256	20562	1	23.85	42.19		1006.3			N	18043
14	11	144321	40670	2	23.96	40.79		1008.9	35-40% RH 600-800mb dry air intrusion wrapping		N	16529
15	12	145008	20342	3	24.70	41.04		1009.0	same SDFK jet collocated of dry air		N	15039
16	13	145817	20527	4	25.68	40.97		1009.9	same dry air intrusion TC Durna pulse for sublimation		N	13036
17	14	150659	20334	1	26.73	41.14		1008.9	dry air 625-950mb		N	135/27
18		1516		2			NO LAUNCH	DET	Backed up		Y	
19	15	151621	20867	6	27.77	41.68		1009.6	CHG (NO RB) dry air 600-950mb flag last wind (p sats)		X	105/25
20	16	151949	20534	3	28.12	41.92		1008.9	NO DATA UNTIL 256mb		Y	115/32
21	17	152244	40701	4	28.45	42.12		1010.4	dry air 600-725mb last 2 winds flagged (p sats)		N	110/32
22	18	152920	20525	1	29.26	42.22		1011.7	ALL HQ'S T last wind flagged p sats		N	115/21
23	19	153654	20340	2	28.93	43.04	CBD	1008.3	Some dry 600-800mb		N	110/36
24	20	154455	10902	3	28.75	44.07	CBD	1007.4			N	1080/37
25	21	155403	20348	4	28.36	45.18	CBD	1003.2			N	1060/31
26	22	160142	20552	1	27.98	46.09	CBD	1003.2			N	1040/40
27	23	160939	20881	2	28.03	47.12	CBD	1006.3			N	1025/19
28	24	161024	20563	3	28.04	47.22	CBD	1005.8	last 2 winds flagged (p sats)		N	1045/25
29	24	161742	20532	4	27.87	48.04	CBD	1007.3	last wind flagged (no speed) p sats		N	1025/26
30	25	162402	20997	1	27.24	47.60	CBD	1006.1	last wind flagged (p sats)		N	1030/29
31	26	163225	30879	2	26.36	46.97	CBD	1000.9	lots of winds flagged 994-999mb		N	1350/37
32	27	163957	30658	3	25.56	46.44	CBD	998.6			N	1320/41
33	28	164853	10904	4	24.46	46.52	DCAST	1002.1			N	1290/30
34	29	165749	20549	1	23.37	46.62	SCT	1005.3			N	1265/26
35	30	170654	41812	2	22.28	46.75	SCT	1007.5	LAST REPORT		N	1265/21
36												
37												
38												

IP

SEPT

NO TRX

COMMENTS: ASPEN Operator will ensure this form is delivered to the AOC Flight Director to be archived

Obs Critted

Obs Missed

of sondes launched

of bad sondes