

NOAA P-3 GPS Dropwindsonde Scientist Log (revised March 2019)

Storm TD9
Mission ID 0409A NINE

Flight ID 190913A2
(exp. 0213A)

Dropsonde Scientist Abernethy
Dropsonde Scientist

AVAPS Operator McAllister
AVAPS Operator Wahnecke

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Drop #	Sonde ID	Time UTC	Lat (°N/S)	Long (°E/W)	Sfc Pressure (mb)	Wind closest to		SST (°C)	Eye/Eyewall, Rainband, etc,	Obs #
						Dir/Spd (deg/kts)	Hgt (m)			
1	191820256	222235	25.5961	76.9110	1012.7	57.6/9.5	16			1
Comments IP 105 nmi W of center good sonde										
2	191640233	223540	25.5990	75.9540	1010.0	31.8/8.5	10			2
Comments mid pt 52.5 nmi W of center extra data at surface removed										
3	191720619	225132	25.6026	74.7562	1007.9	35.5/3.9	10			3
Comments center (E of where expected, just S of spotty convection) extra data at surface removed										
4	192040939	230433	25.6003	73.7576	1010.2	45/9.7	10			4
Comments mid pt 52.5 nmi E of center extra data at surface removed										
5	191810504	231652	25.5972	72.7935	1011.6	111/15.3	10			5
Comments end pt 105 nmi E of center										
6	185050636	234410	27.1771	73.8444	1012.4	84/12.9	10			6
Comments end pt 105 nmi NE of center sent 1 min over key mistake										
7	192090926	000034	26.3578	74.5220	1010.6	88/14.3	10			7
Comments mid pt 52.5 nmi NE of center										
8	195130449	001304	25.5485	74.9400	1008.5	119/7.9	10			8
Comments center @ NHC request										
9	191810582	002416	24.8736	75.3747						X
Comments mid pt 52.5 nmi SW of center possible fast fall, confirm until right at end										
10	185120852	002513	24.8141	75.4148	1010.8	37/10.6	10			9
Comments do replace #9 bad data at end of sonde removed, launch lat/lon removed										

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						Dir/Spd (deg/kts/mph)	Hgt (m)			
11	185050639	003626	84.143	75.8423	1011.6	29/5.4	10			10
Comments	end pt 105 nmi SW of center Date Hour min detect, bad data at end of sonde									
12	185130556	005930	24.4031	74.1613	1011.4	212/9.4	10			11
Comments	end pt 105 nmi SE of center removed bad data near surface rainband									
13	191810560	010947	25.0540	74.8474	1010.1	147/4.9	10			12
Comments	med pt 52.5 nmi SE of center removed bad data near surface									
14	191820255	014415	25.6743	74.9393	1010.0	109/11.2	10			13
Comments	center removed bad data near surface, did not mark as center									
15	185050622	013203	26.4382	75.4715	1011.3	78/14.3	10			14
Comments	med pt 92.5 nmi NW of center									
16	191820239	014401	27.1908	75.9451	1012.3	78/13.8	10			15
Comments	end pt 105 nmi NW of center LAST									
Comments										
Comments										
Comments										
Comments										