

19 23.4, 75.1 → updated to 22.7 74.3 22.8 74.7
 123 from 23.1 76.0
 0648Z 22.32, 73.54 999 mb

(62) 08

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

Storm PITA Dropwindsonde Scientists Goldenberg Page 1 of 2
 Flight ID 050919-1 Flight Director Jack Penick Takeoff from Naukili at 060430 UTC
 Mission ID 0418A- AVAPS Operators Jim Roles, Jim Barr, John Hill Recovery at Naukili at 142923 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
01	000715297	064915	24.04	79.33	1012.1	54°/19 7		075/15	Kink in both RH & wind Devils, DR 2, HX-28-361	01
02	051926184	072053	23.20	83.50	1013.2	52°/8 4		060/14	DK,	02
03	012625075	073834	21.90	85.20	1012.5	71°/16 8		075/13	DK, spotty wind in upper part of sounding	03
04	012615076	075740	21.25	83.00	1011.0	42°/17 7		060/14		04
05	012615211	081306	21.00	80.99	1011.4	54°/12 27		055/13	low level wind spotty	05
06	051926179	082928	20.48	79.01	1010.0	40°/16 7		055/10		06
07	012025060	084825	19.40	77.00	1009.1	22°/14 4		000/00		07
08	012615207	092735	20.99	74.58	1007.5	248°/16 7		250/10	dk; some noisy telemetry in lower part of sounding	08
09	000715301	093658	21.68	73.70	1006.8	227°/21 60		210/17	switched N 2 min	09
10	012025073	095018	23.20	73.22					No winds & terminated early on AVAPS channel #1 - okay on channel #5	10
10A	000715155	095240	23.49	73.29	1007.7	111°/43 83		130/33	Dry bias ???	10
11	000715161	100453	24.96	73.71	1011.5	73°/21 8		100/30	Dry bias ???	11
12	000715171	102004	25.98	72.00		97°/27 N/A		105/19	50% w/w FOD not a true edge of CDO; spotty data throughout sounding	12
13	000715169	103430	25.90	70.09	1014.3	105°/14 4		110/13	100% w/w FOD not a true edge of CDO; spotty data throughout sounding	13
14	000715192	105148	24.04	70.87	1012.4	106°/27 17		135/17	100% w/w FOD not a true edge of CDO; spotty data throughout sounding	14
15	000715088	110610	24.01	69.00	1013.7	114°/23 106		125/10	100% w/w FOD not a true edge of CDO; spotty data throughout sounding	15
16	000715012	112335	N/A	N/A					Weak telemetry & spotty winds below 155 mb on AVAPS channel #2 - okay on channel #5	16

lots of CAT

NO LAUNCH DETECT - no winds; only occasional telemetry

SAT

111

(6800 m) 50kt new stu

