

19880901 H1-DROPS

Form E-6

HRD Omega-Dropwindsonde Scientist Log

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MARKS
KAPLANStorm VAS/adw COMPARISONS

SEP 1 1988

Operator —

Drop #	Sonde ID #	Time GMT	Lat. (°)	Long. (°)	Wind (m/s) (WD/WS)	Height (GA)	Temp. (TA)	Dew Pt. (TD)	Pressure (PS)	T/O 1849 Z Remarks
1	83	1932	27°01'	77°22'	131/11	5479	-3.7	-20.7	529.3	
2	10381	1951	27°03'	75°42'	110/08	5478	-2.9	-27.0	529.5	
3	21353	2011	27°01'	73°58'	107/09	5469	-2.2	-33.7	529.7	Bad T, H *
3A	88	2017	26°58'	73°29'	108/11	5468	-2.0	-30.5	529.7	BACKUP TO 3
4	10380	2031	27°00'	72°18'	100/11	5472	-2.8	-18.4	529.6	BAD T, H *
5	21355	2052	27°01'	70°29'	102/08	5468	-4.1	-13.4	529.8	
6	379	2113	27°01'	68°43'	081/15	5460	-4.6	-10.8	529.9	
7	10896	2134	27°04'	66°59'	106/11	6148	-8.6	-15.6	484.5	HAZE BELOW
8	377	2152	28°31'	67°00'	067/16	6463	-10.4	-20.2	465.1	
9	21350	2212	30°00'	67°00'	078/14	6469	-9.8	-21.3	465.3	
10	360	2232	31°31'	67°06'	104/03	6478	-10.4	-32.9	465.3	BAD P, T, H, winds *
10A	21351	2240	31°30'	67°53'	129/07	6476	-10.3	-35.8	465.4	backup to 10 ^{turn} 2249
11	521	2308	29°58'	68°45'	72/15	6476	-10.5	-35.5	465.3	
12	10389	2327	28°29'	68°53'	61/20	7128	-15.7	-27.6	426.5	precip at 2335

* - not transmitted

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SEP 1 1988

Operator

Drop #	Sonde ID #	Time GMT	Lat. (°)	Long. (°)	Wind (m/s) (WD/WS)	Height (GA)	Temp. (TA)	Dew Pt. (TD)	Pressure (PS)	Remarks
13	385	2344	28°30"	70°30'	054/13	7133	-15.4	-33.5	426.6	
14	21348	0002	30 01'	70 30'	81/9	7139	-14.5	-40.9	426.5	
15	383	0023	31 30'	70 36'	042/06	7139	-14.1	-37.2	426.7	
16	21352	0040	31 21	72 14	221/02	7137	-14.0	-28.9	426.4	
17	382	0056	29 58	72 15	065/05	7138	-13.8	-42.2	426.5	turn
18	10383	0114	28 30	72 20	031/08	7137	-15.0	-33.5	426.5	
19	125	0132	28 37	74 01	026/05	7797	-18.5	-43.9	390.5	
20	21354	0149	30 01	74 00	305/09	7796	-17.8	-30.8	390.5	bad T
21	87	0216	31°30'	74 55'	235/13	7804	-17.8	-37.0	390.2	turn
22	21349	0243	30 00	75 45	256/04	7800	-17.5	-42.9	390.1	Bad omega below 850
23	384	0301	28 30	75 56	026/04	7791	-17.7	-39.6	390.4	
24	380	0329	29 29	77 30	209/05	8450	-21.2	-48.3	357.9	
25	85	0402	28 49	79 15	066/05	8447	-21.4	-36.7	357.9	

* not sent

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N43

Flight track distance table File: TKVASS

#	LAT	Lon	LEG (nm)	TOTAL (nm)	APP TIME (hrs)
1	25.70	80.10	0	0	0.0
2	23.00	78.00	199	199	7
3	23.00	76.50	83	282	1.0
4	21.00	74.00	184	465	1.6
5	21.00	66.50	420	886	3.1
6	25.50	66.50	270	1156	4.0
7	25.50	68.00	81	1237	4.3
8	22.50	68.00	180	1417	4.9
9	22.50	69.50	83	1501	5.2
10	25.50	69.50	180	1681	5.8
11	25.50	71.00	81	1762	6.1
12	22.50	71.00	180	1942	6.7
13	22.50	72.50	83	2025	7.0
14	25.50	72.50	180	2205	7.6
15	25.50	74.00	81	2287	7.9
16	24.00	74.00	90	2377	8.2
17	24.00	75.50	82	2459	8.5
18	25.50	75.50	90	2549	8.8
19	25.70	80.10	249	2799	9.7

28 ODW

N42

Flight track distance table File: TKVASS

#	LAT	Lon	LEG (nm)	TOTAL (nm)	APP TIME (hrs)
1	25.70	80.10	0	0	0.0
2	27.00	78.00	137	137	.5
3	27.00	67.00	588	726	2.5
4	31.50	67.00	270	996	3.4
5	31.50	68.75	90	1085	3.7
6	28.50	68.75	180	1265	4.4
7	28.50	70.50	92	1358	4.7
8	31.50	70.50	180	1538	5.3
9	31.50	72.25	90	1628	5.6
10	28.50	72.25	180	1808	6.2
11	28.50	74.00	92	1900	6.6
12	31.50	74.00	180	2080	7.2
13	31.50	75.75	90	2170	7.5
14	28.50	75.75	180	2350	8.1
15	28.50	77.50	92	2442	8.4
16	30.00	77.50	90	2532	8.7
17	30.00	79.25	91	2623	9.0
18	25.70	80.10	262	2885	9.9

28 ODW

