

Messages:

4/15/2009 : Forecast high temperatures are still missing.

2-MAY-2009 12 UTC Soaring report from MPX upper air data.
 Forecast high: 64 F; est. base of any clouds: 8800 feet AGL.

=== Raw Upper-Air Data ===

Feet MSL:	942	969	1161	1439	1636	1950	2646	3446	4757	4975
Pres mb:	980	979	972	962	955	944	920	893	850	843
Temp C:	4.0	4.8	5.0	6.6	8.6	8.2	7.2	4.8	1.0	0.2
VirT C:	4.6	5.4	5.6	7.2	9.1	8.7	7.6	5.2	1.4	0.6
DewPt C:	-2.0	-1.2	-2.0	-2.4	-3.4	-5.8	-6.8	-9.2	-8.0	-8.8
Wdir@kts:							300 26		305 28	

=== Interpolations (temps in deg. F, altitudes in feet MSL) ===

MSL	*TI*	Wdir@kts	trig	VirT	2.3 degrees/division ("`": Dry Adiabatic)
18000	7.9	290	49	78	-12.1
17500	7.6			78	-10.1
17000	7.2			77	-8.0
16500	6.7			76	-6.3
16000	5.2	295	40	73	-6.3
15500	3.9			71	-6.0
15000	3.0			69	-4.9
14500	2.2			68	-3.6
14000	1.6	290	43	67	-2.0
13500	1.1			66	-0.4
13000	0.5	290	39	65	1.2
12500	-0.1			64	2.8
12000	-1.0	300	39	63	4.0
11500	-1.8			62	5.1
11000	-2.4			61	6.7
10500	-2.6			60	9.0
10000	-2.9	300	37	60	11.3
9500	-3.1			59	13.4
9000	-3.5	300	35	59	15.5
8500	-4.1			58	17.1
8000	-4.6	300	34	57	18.8
7500	-5.0			56	20.7
7000	-5.2	300	31	56	23.2
6500	-5.3			55	25.6
6000	-5.4	300	30	55	28.0
5500	-5.5			55	30.5
5000	-5.7	305	28	55	32.9
4500	-5.5			55	35.9
4000	-5.6	305	28	55	38.4
3500	-5.6			55	41.0
3000	-5.6	300	26	55	43.8
2500	-5.8	300	26	55	46.1
2000	-6.5	275	26	53	47.4
1500	-8.8			49	46.0
1000	-12.6			42	41.8

=== Complete Upper Air Data ===

P(mb)	H(ft)	Tv(C)	T(C)	DP(C)	wind dir	wind spd
980.0	942	4.6	4.0	-2.0		
979.0	969	5.4	4.8	-1.2		
972.0	1161	5.6	5.0	-2.0		
962.0	1439	7.2	6.6	-2.4		
955.0	1636	9.1	8.6	-3.4		
944.0	1950	8.7	8.2	-5.8		
920.0	2646	7.6	7.2	-6.8	300	26
893.0	3446	5.2	4.8	-9.2		
850.0	4757	1.4	1.0	-8.0	305	28
843.0	4975	0.6	0.2	-8.8		
761.0	7631	-6.6	-6.9	-13.9		
746.0	8139	-7.6	-7.9	-14.9		
722.0	8971	-9.1	-9.3	-19.3		
700.0	9754	-10.9	-11.1	-19.1	300	37
665.0	11038	-14.1	-14.3	-21.3		
650.0	11605	-15.1	-15.3	-22.3		
630.0	12378	-16.0	-16.1	-26.1		
572.0	14745	-20.2	-20.3	-32.3		
561.0	15217	-20.7	-20.7	-52.7		
552.0	15608	-21.3	-21.3	-64.3		
530.0	16593	-21.3	-21.3	-64.3		
500.0	17994	-24.5	-24.5	-66.5	290	49
492.0	18378	-25.5	-25.5	-67.5		
457.0	20127	-27.5	-27.5	-68.5		
400.0	23222	-35.1	-35.1	-73.1	290	68
358.0	25726	-41.5	-41.5	-77.5		
304.0	29305	-49.1	-49.1	-74.1		
300.0	29590	-49.3	-49.3	-73.3	280	84
262.0	32466	-54.9	-54.9	-72.9		
250.0	33448	-55.5	-55.5	-72.5	285	86
241.0	34213	-56.7	-56.7	-73.7	280	90
236.0	34651	-54.7	-54.7	-72.7		
230.0	35191	-55.1	-55.1	-73.1		
219.0	36222	-53.1	-53.1	-73.1		
209.0	37208	-53.9	-53.9	-73.9		
205.0	37617	-52.9	-52.9	-73.9		
200.0	38139	-53.3	-53.3	-75.3	285	78
198.0	38351	-53.1	-53.1	-75.1		
190.0	39221	-53.9	-53.9	-75.9		
187.0	39558	-52.7	-52.7	-75.7		
183.0	40015	-53.5	-53.5	-76.5		
180.0	40364	-52.7	-52.7	-76.7		
168.0	41820	-54.5	-54.5	-77.5		
166.0	42072	-53.9	-53.9	-76.9		
157.0	43243	-55.1	-55.1	-77.1		
153.0	43784	-54.7	-54.7	-77.7		
150.0	44199	-55.3	-55.3	-77.3	280	72
145.0	44907	-56.1	-56.1	-78.1		
132.0	46867	-55.9	-55.9	-77.9		
129.0	47348	-54.9	-54.9	-78.9		
121.0	48692	-54.5	-54.5	-80.5		
110.0	50687	-56.1	-56.1	-80.1		

Additional wind data:

H(ft)	dir	spd
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2000	275	26
3000	300	26

4000	305	28
6000	300	30
7000	300	31
8000	300	34
9000	300	35
12000	300	39
13000	290	39
14000	290	43
16000	295	40
20000	290	55
25000	290	71
30000	280	85
31000	285	94
50000	270	60