

Messages:

Forecast high taken from MSP

27-APR-2008 12 UTC Soaring report from MPX upper air data.

Forecast high: 50 F; est. base of any clouds: 7400 feet AGL.

=== Raw Upper-Air Data ===

Feet MSL:	942	1342	1830	2382	2774	3920	4213	4539	4689	4810
Pres mb:	987	972	954	934	920	880	870	859	854	850
Temp C:	-1.3	-1.9	-1.7	-2.7	-3.5	-6.7	-6.5	-6.1	-5.5	-5.3
VirT C:	-0.8	-1.5	-1.3	-2.4	-3.2	-6.5	-6.3	-5.9	-5.4	-5.2
DewPt C:	-4.3	-6.5	-8.7	-11.7	-12.5	-15.7	-19.5	-20.1	-25.5	-22.3
Wdir@kts:					300 20					310 29

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

MSL	*TI*	Wdir@kts	trig	VirT	2.3 degrees/division ("`": Dry Adiabatic)
18000	9.8	255	33	68	-23.0
17500	9.6			67	-20.7
17000	9.2	255	33	66	-18.8
16500	9.0			66	-16.4
16000	7.9	265	31	64	-15.7
15500	7.1			63	-14.5
15000	6.7			62	-12.5
14500	6.2			61	-10.7
14000	5.8	275	34	60	-8.9
13500	5.3			59	-7.1
13000	4.9			59	-5.1
12500	4.4			58	-3.3
12000	4.1	290	37	57	-1.1
11500	3.9			57	1.1
11000	3.6			56	3.3
10500	3.3			56	5.5
10000	3.1	280	31	55	7.6
9500	2.8	290	31	55	9.9
9000	2.0	295	28	53	11.0
8500	0.8			51	11.7
8000	-0.1	310	25	50	12.6
7500	-0.9			49	13.8
7000	-1.5	320	29	48	15.5
6500	-2.0			47	17.3
6000	-2.5	315	30	46	19.0
5500	-3.0			45	20.8
5000	-3.5	310	29	45	22.5
4500	-5.7			41	21.2
4000	-7.7	315	21	37	20.4
3500	-8.0			37	22.5
3000	-8.1	295	20	36	25.0
2500	-8.3			36	27.2
2000	-8.8	285	18	35	29.0
1500	-10.1			33	29.4
1000	-11.1	265	18	31	30.3

=== Complete Upper Air Data ===

P(mb)	H(ft)	Tv(C)	T(C)	DP(C)	wind dir	wind spd
987.0	942	-0.8	-1.3	-4.3		
972.0	1342	-1.5	-1.9	-6.5		
954.0	1830	-1.3	-1.7	-8.7		
934.0	2382	-2.4	-2.7	-11.7		
920.0	2774	-3.2	-3.5	-12.5	300	20
880.0	3920	-6.5	-6.7	-15.7		
870.0	4213	-6.3	-6.5	-19.5		
859.0	4539	-5.9	-6.1	-20.1		
854.0	4689	-5.4	-5.5	-25.5		
850.0	4810	-5.2	-5.3	-22.3	310	29
849.0	4841	-5.2	-5.3	-22.3		
845.0	4962	-5.2	-5.3	-24.3		
760.0	7665	-10.4	-10.5	-30.5		
737.0	8440	-11.2	-11.3	-29.3		
733.0	8576	-11.4	-11.5	-26.5		
729.0	8714	-11.3	-11.5	-20.5		
719.0	9061	-11.7	-11.9	-19.9		
714.0	9237	-11.9	-12.1	-17.1		
709.0	9413	-12.1	-12.3	-17.3		
700.0	9733	-12.9	-13.1	-18.1	290	31
622.0	12647	-19.9	-20.1	-22.8		
606.0	13279	-21.1	-21.3	-24.0		
599.0	13560	-21.8	-21.9	-33.9		
591.0	13885	-22.5	-22.5	-38.5		
558.0	15261	-25.3	-25.3	-41.3		
552.0	15518	-25.8	-25.9	-35.9		
542.0	15952	-26.5	-26.5	-40.5		
530.0	16482	-26.8	-26.9	-36.9		
515.0	17159	-28.6	-28.7	-34.7		
503.0	17712	-29.7	-29.7	-43.7		
500.0	17852	-30.1	-30.1	-46.1	255	33
496.0	18039	-30.7	-30.7	-46.7		
491.0	18275	-31.3	-31.3	-45.3		
480.0	18800	-32.4	-32.5	-37.5		
458.0	19878	-35.4	-35.5	-38.9		
443.0	20637	-36.2	-36.3	-39.8		
432.0	21210	-36.3	-36.3	-46.3		
419.0	21904	-36.9	-36.9	-43.9		
400.0	22953	-38.9	-38.9	-44.9	280	22
391.0	23465	-39.3	-39.3	-45.3		
322.0	27724	-50.3	-50.3	-57.3		
308.0	28673	-51.9	-51.9	-59.9		
303.0	29021	-51.5	-51.5	-58.5		
300.0	29233	-52.1	-52.1	-59.1	255	6
289.0	30023	-53.9	-53.9	-61.9	270	9
281.0	30615	-53.3	-53.3	-61.3		
277.0	30920	-51.1	-51.1	-60.1		
267.0	31703	-51.7	-51.7	-62.7		
252.0	32940	-49.1	-49.1	-63.1		
250.0	33112	-49.3	-49.3	-63.3	255	30
235.0	34440	-50.1	-50.1	-67.1		
229.0	34996	-48.9	-48.9	-67.9		
223.0	35568	-49.1	-49.1	-69.1		
220.0	35860	-48.3	-48.3	-69.3		
214.0	36457	-48.7	-48.7	-71.7		
208.0	37072	-47.5	-47.5	-73.5		
203.0	37599	-48.1	-48.1	-75.1		
200.0	37921	-47.9	-47.9	-75.9	275	38

184.0	39728	-47.3	-47.3	-81.3		
174.0	40936	-49.1	-49.1	-82.1		
169.0	41564	-48.7	-48.7	-82.7		
156.0	43285	-50.1	-50.1	-83.1		
151.0	43984	-49.1	-49.1	-83.1		
150.0	44127	-49.3	-49.3	-83.3	250	27
141.0	45455	-50.3	-50.3	-84.3		
133.0	46713	-47.9	-47.9	-82.9		
127.0	47711	-48.1	-48.1	-82.1		
124.0	48227	-49.3	-49.3	-83.3		
121.0	48755	-48.1	-48.1	-82.1		
116.0	49665	-49.3	-49.3	-83.3		
112.0	50416	-51.3	-51.3	-84.3		
105.0	51793	-50.9	-50.9	-84.9		

Additional wind data:

H(ft)	dir	spd
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1000	265	18
2000	285	18
3000	295	20
4000	315	21
5000	310	29
6000	315	30
7000	320	29
8000	310	25
9000	295	28
10000	280	31
12000	290	37
14000	275	34
16000	265	31
17000	255	33
20000	275	35
21000	290	38
24000	270	18
25000	280	14
26000	285	11
29000	250	6
30000	270	15
32000	260	27
37000	265	39
50000	230	18