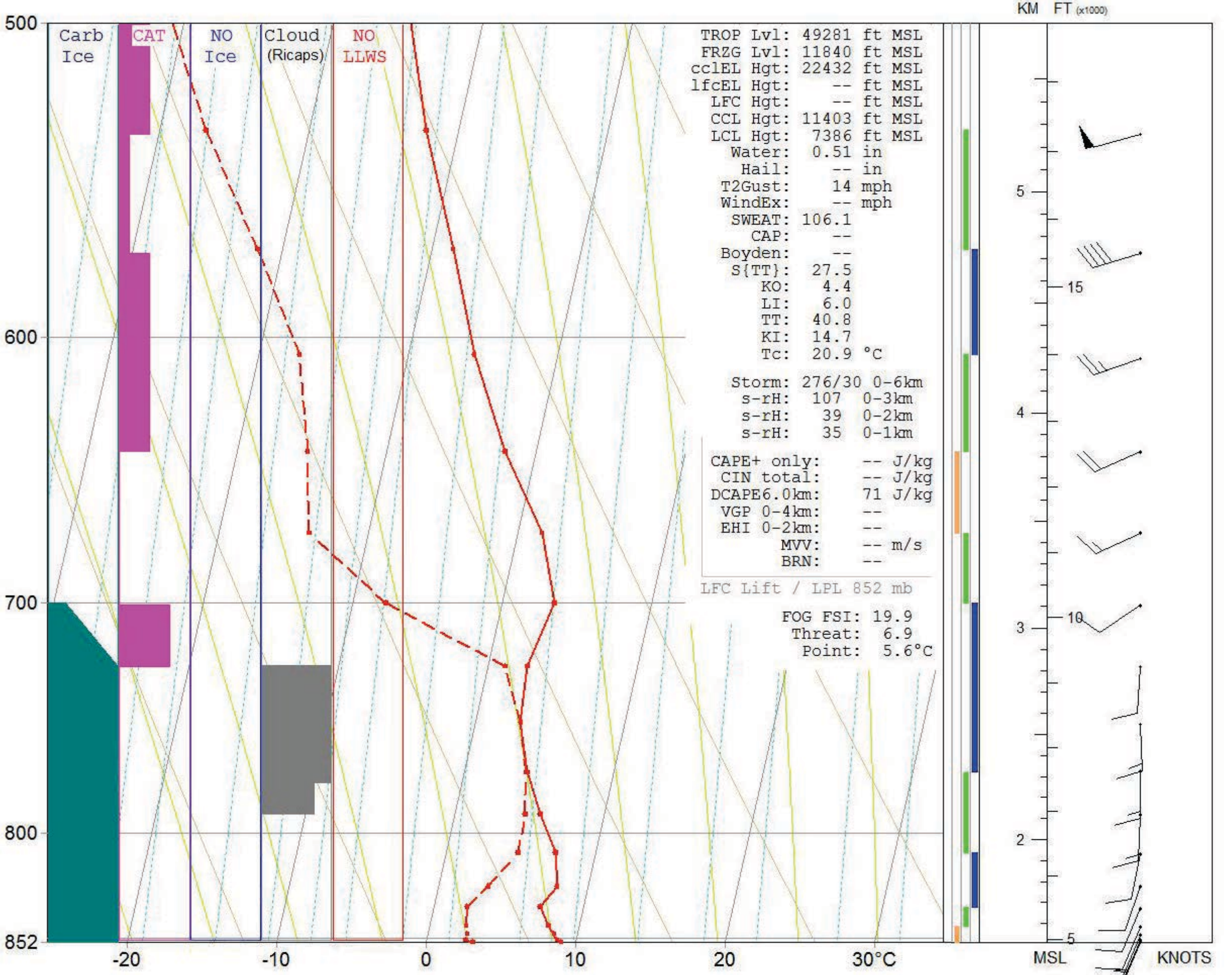




RAOB: 1700UTCHRRRSOUNDING.CSV // lat

Data Type: CSV Integrated data levels: 59

Lat: 41°04'00" N Lon: 104°13'00" W Elev: 1509 meters

Height Pres	T	Td	RH	DD/FF	CAT	LLWS	Icing - Type	WAVE/x---W---turb--
Level (ft-MSL) (mb)	(C)	(C)	(%)	(deg/kts)				nm fpm max

1	4951	852	9.0	3.1	66	202/7		
2	4983	851	8.7	2.6	65	202/7		
3	5059	849				201/8		
4	5079	848	8.4	2.6	67			
5	5190	845				202/8		
6	5207	844	7.9	2.4	68			
7	5479	836				202/9		
8	5497	835	7.1	2.2	71			
9	5823	825	7.9	3.3	73	198/11		
10	6339	809				190/12		
11	6353	809	7.3	4.8	84			
12	6949	791				182/13		
13	6960	791	5.7	4.7	93			
14	7612	772	4.2	4.1	99	180/13		
15	8356	751				178/13		
16	8384	750	3.0	3.0	100			
17	9250	726	2.6	1.1	90	183/12	SVR	
18	10190	701				234/12		
19	10221	700	3.5	-7.8	43			
20	11304	672	1.6	-14.0	30	244/15	4.39	1235 MD-SV
21	12544	641	-2.1	-15.3	36	245/18	MDT	
22	13944	607				249/26	6.22	448 LIGHT
23	13999	606	-5.6	-17.3	39		MDT	
24	15502	571				252/40	6.55	471 LIGHT
25	15566	570	-8.6	-21.7	34		LGT	
26	17247	533				254/50		
27	17309	532	-12.2	-26.9	28		MDT	
28	19216	493				253/63		
29	19308	491	-15.6	-31.9	23		LGT	
30	21280	453				251/74		
31	21344	452	-18.9	-36.8	19		LGT	
32	23251	418				248/83		
33	23361	416	-21.7	-40.0	17		LGT	

34	25161	386			246/90	
35	25283	384	-24.9	-44.2	15	LGT
36	26965	358			244/94	
37	27076	356	-28.5	-45.2	19	
38	28730	332			243/99	
39	28846	330	-32.0	-46.7	22	LGT
40	30377	309			244/104	
41	30509	307	-35.4	-48.0	26	LGT
42	31975	288			245/109	
43	32117	286	-38.7	-50.0	29	LGT
44	34911	252			247/119	
45	35108	250	-44.9	-53.2	39	
46	37589	223			247/124	
47	37875	220	-50.9	-56.9	49	
48	40036	199			246/124	
49	40313	196	-56.1	-60.1	61	
50	42657	175			243/120	
51	43010	172	-60.5	-63.7	66	
52	45581	152			241/114	
53	45922	149	-63.6	-67.6	58	LGT
54	48996	128			243/103	
55	49281	126	-65.7	-72.1	41	MDT
56	53100	104			251/82	
57	53491	102	-65.9	-78.2	16	MDT
58	58176	81			243/47	LGT
59	62674	64			224/27	

8.20 1138 MD-SV

New Carburettor icing-probability chart

To work out dew point depression:

$$\text{Temp} \text{ Minus } \text{Dew Pt.} = \text{Dew Pt. Depression}$$

To use this chart:

- obtain the temperature and dew point
- calculate the difference between the two. This is the 'dew point depression'
- for example, if the temperature is 12° C **1** and the dew point is 2° the dew point depression will be 10° **2**
- for icing probability, refer to the shading legend appropriate to the intersection of the lines **3**
- for relative humidity, refer to the right hand scale **4**

- Serious icing** – any power
- Moderate icing** – cruise power; **Serious icing** – descent power
- Serious icing** – descent power
- Light icing** – cruise or descent power

