

# National Weather Service Weather Forecast Office Twin Cities, MN

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ZCZC MSPWRKSRG 000  
TTAA00 KMSP 171228

## SOARING FORECAST FOR THE TWIN CITIES AREA PREPARED AT 12:24 GMT SUN MAY 17 2009

HEIGHT (FT AGL)	WIND DIRECTION	WIND SPEED(KTS)	TEMP (DEG C)	SOARING INDEX
3000	N/A	N/A	1	-6.0
5000	265	09	-4	-4.5
7000	310	12	-6	-1.0

TEMPERATURE NEEDED FOR LIFT TO 3000 FT AGL (TRIGGER TEMP)..52  
 TIME AT WHICH TRIGGER TEMPERATURE WILL BE REACHED.....11 AM  
 MAXIMUM TEMPERATURE FOR THE DAY.....65 DEG F  
 MAXIMUM ALTITUDE OF THERMALS.....8000 (FT AGL)  
 HEIGHT WHERE CUMULUS WILL FORM.....5000 (FT AGL)  
 BASE OF CUMULUS DURING THE AFTERNOON.....6100 (FT AGL)  
 TOTAL SKY COVER IN EIGHTHS (OKTAS) (11 AM TO 4 PM).....4

IMPLICATIONS OF SPECIFIC SOARING INDICES:  
 -4 OR LESS.....EXCELLENT  
 -3.....GOOD  
 -2 OR -1.....FAIR  
 ZERO OR GREATER.....POOR

FORECAST IS BASED ON UPPER AIR DATA COLLECTED  
AT CHANHASSEN, MINNESOTA. ELEVATION 943 FEET.

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