

## ASC Meteorological Services

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### Weather

Quantity	Date	Value
<b>Temperature</b>		
Average		-52.1°C (-61.8°F)
Maximum	31 Oct	-40.2°C (-40.4°F)
Minimum	04 Oct	-63.8°C (-82.8°F)
<b>Wind</b>		
Average Wind Speed		11.3 mph (9.8 kts)
Prevailing Direction		Grid North 020°
Maximum Wind Gust	17 Oct	42 mph (36 kts)
Maximum Wind Gust Direction		Grid North
Average Vectored Wind		046° at 8.4 kts
<b>Atmospheric Pressure</b>		
Average		679.3 mb
Highest	26 Oct	697.3 mb
Lowest	09 Oct	666.5 mb
<b>Physiological Altitude</b>		
Average		3248 m (10655 ft)
Highest	09 Oct	3396 m (11142 ft)
Lowest	26 Oct	3043 m (9982 ft)
<b>Sky Cover</b>		
Average Cover (8ths)		04
Clear Days		10
Partly Cloudy Days		13
Cloudy Days		08
<b>Visibility</b>		
		0 days with 1/4 mile or less
<b>Sunshine</b>		
Average hours per day		17.3
Percent Possible		72%

### Notes

- Snow stakes measured 0.465 inches accumulation
- 60 soundings for the month.
  - 48 soundings terminated above 50mb
  - 08 soundings terminated between 50mb and 100mb
  - 04 sounding terminated below 100mb
  - 00 soundings were missed

## **Records**

- Day 17: Daily peak wind gust of 42 mph (36 kts) breaks the previous daily record 38 mph (33 kts) previously set in 1990
- Day 17: Average wind of 25.4 mph (21.3 kts) breaks previous record of 24.5 mph (21.3 kts) set in 1985.