

ASC Meteorological Services

Winterovers: Jeffrey De Rosa (SPO-Met@usap.gov)
 Mark Dellandre (SPO-Met@usap.gov)

Weather

Quantity	Date	Value
Temperature		
Average		-40.4°C (-40.7°F)
Maximum	27 Nov	-25.0°C (-13.0°F)
Minimum	07 Nov	-50.1°C (-58.2°F)
Wind		
Average Wind Speed		10.5 mph (9.1 kts)
Prevailing Direction		Grid Northeast 060°
Maximum Wind Gust	27 Nov	32 mph (28 kts)
Maximum Wind Gust Direction		Grid West
Average Vectored Wind		029° at 6.9 kts
Atmospheric Pressure		
Average		674.3 mb
Highest	28 Nov	684.4 mb
Lowest	06 Nov	665.6 mb
Physiological Altitude		
Average		3305 m (10844 ft)
Highest	06 Nov	3414 m (11199 ft)
Lowest	28 Nov	3189 m (10463 ft)
Sky Cover		
Average Cover (8ths)		04
Clear Days		08
Partly Cloudy Days		14
Cloudy Days		08
Visibility		
		0 days with 1/4 mile or less
Sunshine		
Average hours per day		18.7
Percent Possible		78%

Notes

- Snow stakes measured 0.395 inches accumulation
- 60 soundings for the month.
 - 60 soundings terminated above 50mb
 - 00 soundings terminated between 50mb and 100mb
 - 00 sounding terminated below 100mb
 - 00 soundings were missed

Records

- Day 16: Minimum temperature of -46.0°C (-50.8°F) broke the record of -45.7°C (-50.3°F) previously set in 1987.
- Day 17: Minimum temperature of -45.1°C (-49.2°F) tied the record previously set in 1999.
- Day 18: Minimum temperature of -45.2°C (-49.4°F) broke the record of -44.7°C (-48.5°F) previously set in 1985.
- Day 27: Peak wind of 32mph (28kts) broke the record of 29mph (26kts) previously set in 1971.