

ASC Meteorological Services

Winterover: Clint Perrone (Clint.Perrone.Contractor@usap.gov)

Quantity	Date	Value
Temperature		
Average		-27.8°C (-18.0°F)
Maximum	28 & 29 Jan	-21.1°C (-7.8°F)
Minimum	24 Jan	-33.4°C (-28.1°F)
Wind		
Average Wind Speed		9.5 mph (8.2 kts)
Prevailing Direction		Grid North 020 °
Maximum Wind Speed	20 Jan	36 mph (31 kts)
Maximum Wind Direction		Grid East
Average Vecteded Wind		042 °at 6.2 kts
Atmospheric Pressure		
Average		684.8 mb
Highest	18 Jan	696.9 mb
Lowest	01 Jan	676.3 mb
Physiological Altitude		
Average		3184 m (10448 ft)
Highest	01 Jan	3282 m (10768 ft)
Lowest	18 Jan	3047 m (9997 ft)
Visibility		
0 days with 1/4 mile or less		

Records:

4th: The minimum average daily wind speed of 1.0kts/1.2mph broke the previous record of 2.1kts/2.4mph set in 1996.

5th: The minimum average daily wind speed of 0.1kts/0.1mph broke the previous record of 1.1kts/1.3mph set in 1996.

20th: The maximum daily average wind speed of 16.8kts/19.4mph broke the previous record of 15.0kts/17.3mph set in 2019.

20th: The daily peak wind speed of 31kts/36mph tied the previous record set in 2019.

31st: The daily peak wind speed of 24kts/28mph broke the previous record of 22kts/25mph set in 1990.