

## ASC Meteorological Services

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

Quantity	Date	Value
<b>Temperature</b>		
Average		-25.3°C (-13.5°F)
Departure from Normal		+2.3°C (+4.1°F)
Maximum	16 Dec	-17.8°C (-0.0°F)
Minimum	1 Dec	-33.5°C (-28.3°F)
<b>Wind</b>		
Average Wind Speed		11.1mph (9.6 kts)
Prevailing Direction		Grid North 330°
Maximum Wind Speed	15 Dec	39 mph (34 kts)
Maximum Wind Direction		Grid North
Average Vecteded Wind		355°at 7.6kts
<b>Atmospheric Pressure</b>		
Average		683.1 mb
Departure from Normal		-5.0 mb
Highest	24 & 25 Dec	692.1 mb
Lowest	29 Dec	671.6 mb
<b>Physiological Altitude</b>		
Average		3204 m (10512 ft)
Highest	29 Dec	3337 m (10947 ft)
Lowest	22 Nov	3101 m (10176 ft)
<b>Visibility</b>		
0 days with 1/4 mile or less		

### Records:

6th: The average maximum daily wind speed of 18.3kts/21.1mph broke the previous maximum daily average wind speed of 17.7kts/20.4mph set in 2015.

8th: The daily peak wind speed of 28kts/32mph broke the previous daily peak wind speed record of 25kts/29mph set in 2010.

14th: The daily peak wind speed of 31kts/36mph broke the previous daily peak wind speed record of 23kts/26mph set in 2018.

15th: The daily peak wind speed of 34kts/39mph broke the previous daily peak wind speed record of 26kts/30mph set in 2001.

16th: The daily average wind speed of 18.7kts/21.5mph broke the previous daily highest average wind speed record of 17.4kts/20.0mph set in 1982.

16th: The daily peak wind speed of 33kts/38mph broke the previous daily peak wind speed record of 26kts/30mph set in 1976. Dec: The peak wind speed of 34kts/39mph broke the previous monthly peak wind speed of 33kts/38mph set in 2015.