

Meteorological Services

Winterovers: Janelle Hakala, Ta-Lee Shue (RA), Robert Streeter (RA), *SPO-Met@usap.gov*

Temperatures:	Date	
Average		-51.7°C / -61.1°F
Maximum	06/17/18	-36.2°C / -33.2°F
Minimum	06/26/18	-67.3°C / -89.1°F
Station Pressure in millibars:		
Average pressure		684.2 mb
Highest pressure	06/17/18	699.1 mb
Lowest pressure	06/03/18	669.0 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,470 ft/ 3,191 m
Highest physio-altitude	06/03/18	11,046 ft/ 3,367 m
Lowest physio-altitude	06/17/18	9,916 ft/ 3,022 m
Visibility:		9 days with ¼ mile or less
Wind:		
Average Wind Speed		15.3 mph or 13.3 knots
Maximum Gust	06/02/18	52 mph or 45 knots
Maximum Gust Direction		Grid North
Vectored Wind Direction		028 degrees
Vectored Wind Speed		11.3 knots
Prevailing Direction		Grid North or 010 degrees

Notes

- 6/23/18 – 6/29/18: 12Z weather balloons launched in support of McMurdo flight.

**** Records****

- 01 Jun: The max wind speed of 39kts/44.9mph broke the previous record of 32kts/36.8mph set in 1976.
- 02 Jun: The max wind speed of 45kts/51.8mph broke the previous record of 36kts/41.5mph set in 2014.
- 04 Jun: The max wind speed of 32kts/36.8mph broke the previous record of 28kts/32.2mph set in 2014.
- 05 Jun: The max wind speed of 35kts/40.3mph broke the previous record of 29kts/33.4mph set in 1994.
- 07 Jun: The max wind speed of 42kts/48.4mph broke the previous record of 35kts/40.3mph set in 1990.
- 08 Jun: The max wind speed of 40kts/46.1mph broke the previous record of 32kts/36.8mph set in 2015.
- 16 Jun: The max wind speed of 40kts/46.1mph broke the previous record of 36kts/41.5mph set in 1969.
- 17 Jun: The max temperature of -36.2C/-33.2F broke the previous record of -37.2C/-35.0F set in 1974.

Jun 2018: A wind speed of 45kts/51.8mph on the 2nd broke the monthly wind speed record of 44kts/50.7mph previously set in 2013.