

Meteorological Services

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

Temperatures:	Date	
Average		-46.6°C / -51.9°F
Maximum	10/12/18	-30.5°C / -22.9°F
Minimum	10/02/18	-62.6°C / -80.7°F
Station Pressure in millibars:		
Average pressure		679.5 mb
Highest pressure	10/26/18	689.0 mb
Lowest pressure	10/03/18	669.5 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,647 ft/ 3,245 m
Highest physio-altitude	10/03/18	11,027 ft/ 3,361 m
Lowest physio-altitude	10/26/18	10,291 ft/ 3,137 m
Visibility:		3 days with ¼ mile or less
Wind:		
Average Wind Speed		11.6 mph or 10.1 knots
Maximum Gust	10/09/18 10/11/18	37 mph or 32 knots
Maximum Gust Direction		Grid Northwest
Vectored Wind Direction		018 degrees
Vectored Wind Speed		6.8 knots
Prevailing Direction		Grid North or 360 degrees

Notes

- 10/14/18 – The first Basler and Twin Otter flights transitioned through South Pole Station.
- 10/25/18 – Station opening Basler flight.

** Records**

- 12 Oct: The max temperature of -30.5C/-22.9F broke the previous record of -31.6C/-24.9F set in 1992.
- Oct 2018: The warmest average monthly temp of -43.5C/-46.3F broke the previous record of -46.3C/-51.3F set in 1988.
- Oct 2018: The average monthly sky cover of 6 tied the previous record set in 2015.