

# ASC Meteorological Services

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**Winterovers:** Kyle Obrock, James Tarragano, Met@usap.gov

## August Overview:

- All routine data collection and reporting activities continued as normal.

### Weather: August, 2016

Temperatures:	Date	
Average		-56.0°C / -68.8°F
Maximum	08/13/16	-37.5°C / -58.9°F
Minimum	08/27/16	-71.3°C / -96.3°F
Station Pressure in millibars:		
Average pressure		682.7 mb
Highest pressure	08/13/16	706.2 mb
Lowest pressure	08/31/16	660.6 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,527 ft/ 3,208 m
Highest physio-altitude	08/31/16	11369 ft/ 3,465 m
Lowest physio-altitude	08/13/16	9655 ft/ 2943 m
Visibility:		0 days with ¼ mile or less
Wind:		
Average Wind Speed		13.4 mph or 11.6 knots
Maximum Gust	08/09/16	43 mph or 37 knots
Maximum Gust Direction		Grid North
Vectored Wind Direction		55 degrees
Vectored Wind Speed		9.2 knots
Prevailing Direction		Grid Northeast or 040 degrees

#### \*\* Records\*\*

- August 7th: The daily peak wind speed of 35 knots beat the previous record of 34 knots set in 1999.
- August 8th: The daily peak wind speed of 35 knots beat the previous record of 32 knots set in 2013.
- August 9th: The daily peak wind speed of 37 knots beat the previous record of 35 knots set in 2013.
- August 13th: The daily maximum temperature of -37.5C beat the previous record of -38C set in 1994.
- August 14th: The daily maximum temperature of -39.9C beat the previous record of -40C set in 1974.