

ASC Meteorological Services

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February Overview:

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

Weather: February, 2016

Temperatures:	Date	
Average		-41.2°C / -42.2°F
Maximum	02/01/16	-32.2°C / -26.0°F
Minimum	02/20/16	-49.1°C / -56.4°F
Station Pressure in millibars:		
Average pressure		684.2 mb
Highest pressure	02/27/16	695.0 mb
Lowest pressure	02/19/16	670.6 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,470 ft/ 3,191 m
Highest physio-altitude	02/19/16	10,985 ft/ 3,348 m
Lowest physio-altitude	02/27/16	10,067 ft/ 3,069 m
Visibility:		1 days with ¼ mile or less
Wind:		
Average Wind Speed		10.3 mph or 8.9 knots
Maximum Gust	02/23/16	34 mph or 30 knots
Maximum Gust Direction		Grid Northeast
Vectored Wind Direction		55 degrees
Vectored Wind Speed		7.9 knots
Prevailing Direction		Grid East or 090 degrees

** Records**

- February 20th, the daily average temperature of -46.5°C was colder than the daily average minimum temperature of -45.6°C.
- February 23rd, the peak wind speed of 30 knots @030° beat the previous record of 29 knots @360° in 1959.
- February 25th, the daily average temperature of -41.9°C was warmer than the previous max daily average of -42.6°C.
- February 26th, the daily average temperature of -40.8°C was warmer than the previous max daily average of -43.8°C.

- February 29th, the daily average temperature of -41.2°C was warmer than the max daily average temperature of -45.6°C .
- February had 21 partly cloudy days which beat the previous record for days partly cloudy (18 days in February, 2013).