

ASC Meteorological Services

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May Overview:

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

Weather: May, 2016

Temperatures:	Date	
Average		-56.8°C / -70.2°F
Maximum	05/08/16	-40.0°C / -40.0°F
Minimum	05/17/16	-76.2°C / -105.2°F
Station Pressure in millibars:		
Average pressure		678.5 mb
Highest pressure	05/03/16	688.7 mb
Lowest pressure	05/15/16	656.6 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,685 ft/ 3257 m
Highest physio-altitude	05/15/16	11,532 ft/ 3,512 m
Lowest physio-altitude	05/03/16	10302 ft/ 3,140 m
Visibility:		1 days with ¼ mile or less
Wind:		
Average Wind Speed		12.7 mph or 11.0 knots
Maximum Gust	05/29/16	36 mph or 31 knots
Maximum Gust Direction		Grid North
Vectored Wind Direction		66 degrees
Vectored Wind Speed		7.9 knots
Prevailing Direction		Grid East or 080 degrees

** Records**

- May 15: The daily minimum temperature of -75.5C beat the previous record of -73.6C set in 1994.
- May 16: The daily minimum temperature of -76.1C beat the previous record of -70.7C set in 1994.
- May 17: The daily minimum temperature of -76.2C beat the previous record of -72.8C set in 1986
- May 29: The daily maximum wind speed of 31 kts/36 mph beat the previous record of 29 kts/33 mph set in 1989