

ASC Meteorological Services

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- Reset the snow stakes to exactly 30.00 inches on 3/30/2015.
- Began taking additional 1200Z upper air soundings on the 13th -18th to support McMurdo's scheduled flights on the 15th and 18th.
- Continued to take additional 1200Z upper air soundings from the 18th -20th to support McMurdo's scheduled flight that was delayed due to mechanical problems.
- All routine data collection and reporting activities continued as normal.

Weather: April 2015

Temperatures:	Date	
Average		-55.8°C / -68.4°F
Maximum	04/21/15	-32.4°C / -26.3°F
Minimum	04/11/15	-72.9°C / -99.2°F
Station Pressure in millibars:		
Average pressure		675.3 mb
Highest pressure	04/22/15	692.7 mb
Lowest pressure	04/19/15	663.7 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,806 ft/ 3,294 m
Highest physio-altitude	04/19/15	11,249 ft/ 3,429 m
Lowest physio-altitude	04/22/15	10,153 ft/ 3,095 m
Visibility:		2 days with ¼ mile or less
Wind:		
Average Wind Speed		12.0 mph or 10.4 knots
Maximum Gust	04/21/15	44 mph or 38 knots
Maximum Gust Direction		Grid Northwest
Vectored Wind Direction		046 degrees
Vectored Wind Speed		7.7 knots
Prevailing Direction		Grid Southeast or 120 degrees

**** Records****

The minimum temperature of $-72.9\text{ }^{\circ}\text{C}/-99.2\text{ }^{\circ}\text{F}$ on the 11th broke the previous record of $-72.4\text{ }^{\circ}\text{C}/-98.3\text{ }^{\circ}\text{F}$ set in 1999.

The maximum temperature of $-32.4\text{ }^{\circ}\text{C}/-26.3\text{ }^{\circ}\text{F}$ on the 21st broke the previous record of $-40.4\text{ }^{\circ}\text{C}/-40.7$ set in 2003.

The peak wind of 38 kts/ 44 mph on the 21st broke the previous record of 32 kts/ 37 mph set in 2009.

The maximum temperature of $-32.8\text{ }^{\circ}\text{C}/-27.0\text{ }^{\circ}\text{F}$ on the 22nd broke the previous record of $-33.7\text{ }^{\circ}\text{C}/-28.7$ set in 1969.

The peak wind of 32 kts/ 37 mph on the 22nd broke the previous record of 27 kts/ 31 mph set in 2011.