

Meteorological Services

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- The last flight of the season departed McMurdo on the 9th, thereby reducing the number of daily balloon launches for South Pole to one.
- Submitted inventory list to the Meteorology Operations Manager on the 14th.
- Sunset at was observed on 23rd at 2148 UTC (24th at 10:48 NZDT).
- All routine data collection and reporting activities continued as normal.

Temperatures:	Date	
Average		-50.6°C / -59.1°F
Departure from Normal		+3.4°C / +6.1°F
Maximum	03/29/13	-27.4°C / -17.3°F
Minimum	03/25/13	-68.4°C / -91.1°F
Station Pressure in millibars:		
Average pressure		678.1 mb / 20.024 in. Hg
Departure from Normal		-3.2 mb / -0.094 in. Hg
Highest pressure	03/11, 12/13	686.7 mb / 20.278 in. Hg
Lowest pressure	03/31/13	664.4 mb / 19.620 in. Hg
Physiological altitude in feet and meters:		
Average physio-altitude		10,700 ft/ 3,261 m
Highest physio-altitude	03/31/13	11,222 ft/ 3,421 m
Lowest physio-altitude	03/11, 12/13	10,377 ft/ 3,163 m
Visibility:		0 days with ¼ mile or less
Wind:		
Average Wind Speed		10.4 mph or 9.0 knots
Maximum Gust	03/19/13	33 mph or 29 knots
Maximum Gust Direction		Grid Southeast
Vectored Wind Direction		081 degrees
Vectored Wind Speed		3.7 knots
Prevailing Direction		Grid East or 110 degrees

** Records**

Day 9: The peak wind speed of 27 knots / 31 mph broke the previous record of 26 knots / 30 mph set in 2010.

Day 10: The temperature of -35.8°C / -32.4°F tied the previous maximum temperature record set in 2010.

Day 15: The peak wind speed of 27 knots / 31 mph broke the previous record of 25 knots / 29 mph set in 2004.

Day 29: The temperature of -27.4°C / -17.3°F broke previous max temperature record of -29.9°C / -21.8°F set in 2002.

Day 30: The temperature of -27.9°C / -18.2°F broke previous max temperature record of -31.9°C / -25.4°F set in 2002.

The number of clear days for the month (1) broke previous minimum number of clear days for March set in 1998.

