

Meteorological Services

- Both winter over meteorologists arrived at South Pole on the 2nd and 3rd.
- The four summer meteorologists left South Pole on the 4th, 8th, 13th, and 15th.
- Two SOPP technicians arrived on the 10th to remove the visibility meter, ceilometer and the ambient light sensor from the Skiway tower.
- Both windsocks were removed from the skiway on February 24th and stored in the B2 Science Lab for the winter season.
- All routine data collection and reporting activities continued as normal.

Weather: February 2012

Temperatures:	Date	
Average		-40.2°C / -40.4°F
Maximum	02/01/12	-27.3°C / -17.1°F
Minimum	02/29/12	-52.3°C / -62.1°F
Station Pressure in millibars:		
Average pressure		685.0 mb
Highest pressure	02/18,19/12	699.7 mb
Lowest pressure	02/03/12	674.0 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,440 ft/ 3,182 m
Highest physio-altitude	02/03/12	10,855 ft/ 3,309 m
Lowest physio-altitude	02/18,19/12	9,894 ft/ 3,016 m
Visibility:		1 day with ¼ mile or less
Wind:		
Average Wind Speed		10.8 mph or 9.4 knots
Maximum Gust	02/20/12	38 mph or 33 knots
Maximum Gust Direction		Grid East
Vectored Wind Direction		65 degrees
Vectored Wind Speed		6.3 knots
Prevailing Direction		Grid East

**** Records****

February 4th: The peak wind speed of 22 kts/25 mph tied the previous record set in 2004.

February 8th: The peak wind speed of 27 kts/31 mph broke the previous record of 21 kts/24 mph set in 1989.

February 20th: The peak wind speed of 33 kts/38 mph broke the previous record of 27 kts/31 mph set in 1986.