

Meteorological Services

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- The senior meteorologist left for R&R in CHC on the 1st and returned from R&R on the 7th.
- SOPP personnel arrived 01 FEB and lifted the SKIWAY tower, and departed on the 4th; all systems reporting normal
- A shipment of 400 dry cell battery radiosondes was received at the BIF on the 8th.
- The winter senior meteorologist departed South Pole to McMurdo on the 11th in order to complete medical treatment.
- The winter meteorologist arrived at South Pole along with the winter senior meteorologist on the 12th.
- The first and second summer meteorologist departed South Pole for redeployment on the 13th and 14th respectively.
- Amundsen-Scott South Pole Station concluded its summer season on the 14th and has closed its doors for winter.
- British Antarctic Survey (BAS) Twin Otter FBC departed South Pole on the 19th at 0540 UTC (1840 NZDT), marking the last plane to leave South Pole for the 2012-2013 summer season.
- Both windsocks were stored for the season on the 28th.
- All routine data collection and reporting activities continued as normal.

Weather: February 2013

Temperatures:	Date	
Average		-43.9°C / -47.0°F
Departure from Normal		3.1°C / -5.6°F
Maximum	02/01/13	-31.6°C / -24.9°F
Minimum	02/27/13	-53.5°C / -64.3°F
Station Pressure in millibars:		
Average pressure		679.5 mb / 20.066 in. Hg
Departure from Normal		-6.1 mb / -0.180 in. Hg
Highest pressure	02/20/13	688.2 mb / 20.323 in. Hg
Lowest pressure	02/07/13	672.2 mb / 19.850 in. Hg
Physiological altitude in feet and meters:		
Average physio-altitude		10,647 ft / 3,245 m
Highest physio-altitude	02/07/13	10,924 ft / 3,330 m
Lowest physio-altitude	02/20/13	10,320 ft / 3,146 m
Visibility:		0 days with ¼ mile or less
Wind:		
Average Wind Speed		9.6 mph or 8.3 knots
Maximum Gust	02/21/13	31 mph or 27 knots
Maximum Gust Direction		Grid Northwest
Vectored Wind Direction		064 degrees
Vectored Wind Speed		6.4 knots
Prevailing Direction		Grid East or 070 degrees

**** Records****

Day 19: The temperature of -52.0°C/-61.6°F broke the previous minimum temperature record of -51.6°C/60.9°F set in 1997.

The average pressure of 679.5 mb or 20.066 in. Hg broke the previous average minimum record of 679.8 mb or 20.074 in. Hg that was set in 2008.

The number of partly cloudy days (18) tied previous record of most partly cloudy days set in 2006.