

Meteorological Services

Winterovers: Phil Marzette Phillip.Marzette.Contractor@usap.gov
 Clint Perrone Clint.Perrone.Contractor@usap.gov

- A couple of small power outages occurred on the 27th at 0347 and 0359-0400 UTC (15:47 and 15:59-16:00 NZDT) and interrupted data collection for one minute (0359 UTC/15:59 NZDT).
- All routine data collection and reporting activities continued as normal.

Weather: April 2013

Temperatures:	Date	
Average		-57.6°C / -71.7°F
Departure from Normal		-0.1°C / -0.2°F
Maximum	04/09/13	-40.5°C / -40.9°F
Minimum	04/01/13	-72.7°C / -98.9°F
Station Pressure in millibars:		
Average pressure		677.5 mb / 20.007 in. Hg
Departure from Normal		-2.9 mb / -0.086 in. Hg
Highest pressure	04/07, 08/13	690.3 mb / 20.385 in. Hg
Lowest pressure	04/01/13	663.2 mb / 19.584 in. Hg
Physiological altitude in feet and meters:		
Average physio-altitude		10,723 ft / 3,268 m
Highest physio-altitude	04/01/13	11,268 ft / 3,435 m
Lowest physio-altitude	04/07, 08/13	10,242 ft / 3,122 m
Visibility:		6 days with ¼ mile or less
Wind:		
Average Wind Speed		13.1 mph or 11.4 knots
Maximum Gust	04/16/13	40 mph or 35 knots
Maximum Gust Direction		Grid Northeast
Vectored Wind Direction		053 degrees
Vectored Wind Speed		9.8 knots
Prevailing Direction		Grid Northeast or 040 degrees

** Records**

- Day 1: The temperature of -72.7°C/-98.9°F broke the previous minimum temperature record of -69.4°C/-92.9°F set in 1982.
 Day 2: The temperature of -71.6°C/-96.9°F broke the previous minimum temperature record of -69.9°C/-93.8°F set in 1982.
 Day 9: The peak wind speed of 34 knots/39 mph broke the previous record of 30 knots/35 mph set in 2008.
 Day 11: The peak wind speed of 34 knots/39 mph broke the previous record of 32 knots/37 mph set in 2006.
 Day 13: The peak wind speed of 33 knots/38 mph broke the previous record of 31 knots/36 mph set in 1982.
 Day 16: The peak wind speed of 35 knots/40 mph broke the previous record of 32 knots/37 mph set in 2002.

