

ASC Meteorological Services
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Meteorological Services

- Stopped nightly balloon launch in support of McM Winfly on the 2nd.
- Re-installed Campbell-Stokes sunshine recorder outside.
- The first scheduled flight of the season in to McMurdo is on the 28th: Started launching night balloons in support of McMurdo flights on the 26th.
- Sunrise estimated at 1708L/0508Z on the 21st due to overcast skies.
- All routine data collection and reporting activities continued as normal.

Weather: August 2015

Temperatures:	Date	
Average		-60.1°C / -76.2°F
Maximum	09/30/15	-36.2°C / -33.2°F
Minimum	09/12/15	-75.1°C / -103.2°F
Station Pressure in millibars:		
Average pressure		669.5 mb
Highest pressure	09/30/15	692.0 mb
Lowest pressure	09/14/15	648.3 mb
Physiological altitude in feet and meters:		
Average physio-altitude		11,027 ft/ 3,361 m
Highest physio-altitude	09/14/15	11,847 ft/ 3,611 m
Lowest physio-altitude	09/30/15	10,179 ft/ 3,103 m
Visibility:		3 days with ¼ mile or less
Wind:		
Average Wind Speed		12.9 mph or 11.2 knots
Maximum Gust	09/28,29/15	39 mph or 34 knots
Maximum Gust Direction		Grid North
Vectored Wind Direction		040 degrees
Vectored Wind Speed		10.0 knots
Prevailing Direction		Grid North or 020 degrees

**** Records****

Sep 29: The max wind speed of 34kts/39mph set on the 29th broke the previous max wind speed record of 32kts/37mph set in 2004.