

Meteorological Services

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- All routine data collection and reporting activities continued as normal.

Weather: July 2013

Temperatures:	Date	
Average		-58.7°C / -73.7°F
Departure from Normal		+1.1°C / +2.0°F
Maximum	07/08/13	-36.9°C / -34.4°F
Minimum	07/15/13	-72.4°C / -98.3°F
Station Pressure in millibars:		
Average pressure		675.3 mb / 19.942 in. Hg
Departure from Normal		-1.5 mb / -0.044 in. Hg
Highest pressure	07/07/13	691.1 mb / 20.408 in. Hg
Lowest pressure	07/17/13	662.1 mb / 19.522 in. Hg
Physiological altitude in feet and meters:		
Average physio-altitude		10,806 ft / 3,294 m
Highest physio-altitude	07/17/13	11,311 ft / 3,448 m
Lowest physio-altitude	07/07/13	10,212 ft / 3,113 m
Visibility:		4 days with ¼ mile or less
Wind:		
Average Wind Speed		13.8 mph or 12.0 knots
Maximum Gust	07/21/13	43 mph or 37 knots
Maximum Gust Direction		Grid Northwest
Vectored Wind Direction		039 degrees
Vectored Wind Speed		9.8 knots
Prevailing Direction		Grid North or 020 degrees

**** Records****

Day 8: The peak wind speed of 35 knots/40 mph broke the previous peak wind speed record of 33 knots/38 mph set in 1982.

Day 8: The average wind speed of 18.8 knots/21.6 mph broke the previous highest average wind speed record of 18.3 knots/21.1 mph set in 1981.

Day 20: The peak wind speed of 36 knots/42 mph broke previous peak wind speed record of 33 knots/38 mph set in 2010.

Day 29: The average wind speed of 5.3 knots/6.1 mph broke the previous lowest average wind speed record of 5.6 knots/6.4 mph set in 1976.