

## Meteorological Services

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<b>Temperatures:</b>		<b>Date</b>	
Average			-46.9°C / -52.4°F
Maximum	10/19/17		-29.9°C / -21.8°F
Minimum	10/15/17		-58.8°C / -73.8°F
<b>Station Pressure in millibars:</b>			
Average pressure			684.5 mb
Highest pressure	10/03/17		697.2 mb
Lowest pressure	10/14/17		671.2 mb
<b>Physiological altitude in feet and meters:</b>			
Average physio-altitude			10,459 ft/ 3,188 m
Highest physio-altitude	10/14/17		10,962 ft/ 3,341 m
Lowest physio-altitude	10/03/17		9,986 ft/ 3,044 m
<b>Visibility:</b>			5 days with ¼ mile or less
<b>Wind:</b>			
Average Wind Speed			14.0 mph or 12.2 knots
Maximum Gust	10/04/17		44 mph or 38 knots
Maximum Gust Direction			Grid East
Vectored Wind Direction			37 degrees
Vectored Wind Speed			9.2 knots
Prevailing Direction			Grid East or 090 degrees

### \*\* Records\*\*

- Oct 4th: The maximum windspeed of 38kts/44mph broke the previous record of 32kts/37mph set in 2004.
- Oct 18th: The maximum windspeed of 34kts/39mph broke the previous record of 30kts/35mph set in 1976. The maximum temperature of -30.0C/-22.0F broke the previous record of -32.5C/-26.5F set in 2005.
- Oct 19th: The maximum temperature of -29.9C/-21.8F broke the previous record of -33.0C/-27.4F set in 1999.
- Oct 20th: The maximum temperature of -35.3C/-31.5F broke the previous record of -35.7C/-32.3F set in 2009.
- Oct 26th: The maximum temperature of -33.7C/-28.7F broke the previous record of -35.0C/-31.0F set in 1958.
- Oct 27th: The maximum temperature of -33.9C/-29.0F broke the previous record of -34.4C/-29.9F set in 1961.
- Tied the record for the monthly average maximum temperature of -44.1C/-47.4F previously set in 1968.