

Meteorological Services

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Temperatures:	Date	
Average		-59.1°C / -74.4°F
Maximum	07/27/18	-40.8°C / -41.4°F
Minimum	07/11/18	-75.1°C / -103.2°F
Station Pressure in millibars:		
Average pressure		675.8 mb
Highest pressure	07/26/18	692.0 mb
Lowest pressure	07/06/18	662.1 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,787 ft/ 3,288 m
Highest physio-altitude	07/06/18	11,311 ft/ 3,448 m
Lowest physio-altitude	07/26/18	10,179 ft/ 3,103 m
Visibility:		8 days with ¼ mile or less
Wind:		
Average Wind Speed		14.5 mph or 11.7 knots
Maximum Gust	07/05/18	54 mph or 47 knots
Maximum Gust Direction		Grid East
Vectored Wind Direction		058 degrees
Vectored Wind Speed		9.2 knots
Prevailing Direction		Grid East or 090 degrees

Notes

- -100F reached for the first time this winter on 7/11/18.
- 12Z balloons launched on 7/17/18 and 7/18/18 in support of MucMurdo flight.

** Records**

- 04 July: The max wind speed of 43kts/49.5mph broke the previous record of 35kts/40.3mph set in 1958.
- 05 Jul: The max wind speed of 47kts/54.1mph broke the previous record of 31kts/35.7mph set in 1970.
- 27 Jul: The max wind speed of 41kts/47.2mph broke the previous record of 36kts/41.5mph set in 2015.
- July 2018: A max wind speed of 47kts/54.1mph on the 5th broke the previous monthly wind speed record of 44kts/50.7mph set in 1984.