

# ASC Meteorological Services

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## Meteorological Services

- Took 12Z upper air soundings on the 1st - 3rd in support of a C-17 landing at MCM.
- The shared departmental drive (J:) went down on the 26th for a few hours, resulting in observations sent late to the GTS.
- All routine data collection and reporting activities continued as normal.

### *Weather: June 2015*

Temperatures:	Date	
Average		-59.6°C / -75.3°F
Maximum	06/08/15	-36.4°C / -33.5°F
Minimum	06/11/15	-70.6°C / -95.1°F
Station Pressure in millibars:		
Average pressure		678.2 mb
Highest pressure	06/16/15	690.4 mb
Lowest pressure	06/11/15	667.4 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,696 ft/ 3,260 m
Highest physio-altitude	06/11/15	11,107 ft/ 3,385 m
Lowest physio-altitude	06/16/15	10,238 ft/ 3,121 m
Visibility:		1 day with ¼ mile or less
Wind:		
Average Wind Speed		13.1 mph or 11.4 knots
Maximum Gust	06/10/15	38 mph or 33 knots
Maximum Gust Direction		Grid Northeast
Vectored Wind Direction		057 degrees
Vectored Wind Speed		9.1 knots
Prevailing Direction		Grid Northeast or 040 degrees

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

- The max wind speed of 32kts/37mph set on the 8th broke the previous max wind speed record of 31kts/36mph set in 1991.
- The max wind speed of 32kts/37mph set on the 9th broke the previous max wind speed record of 30kts/35mph set in 1961.