

ASC Meteorological Services

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September Overview:

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

Weather: September 2016

Temperatures:	Date	
Average		-60.4°C / -76.7°F
Maximum	09/14/16	-40.9°C / -41.6°F
Minimum	09/07/16	-77.7°C / -107.9°F
Station Pressure in millibars:		
Average pressure		670.8 mb
Highest pressure	09/28/16	690.2 mb
Lowest pressure	09/10/16	648.4 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,977 ft/ 3,346 m
Highest physio-altitude	09/10/16	11,843 ft/ 3,610 m
Lowest physio-altitude	09/28/16	10,246 ft/ 3,123 m
Visibility:		5 days with ¼ mile or less
Wind:		
Average Wind Speed		12.6 mph or 10.9 knots
Maximum Gust	09/24/16	40 mph or 35 knots
Maximum Gust Direction		Grid North
Vectored Wind Direction		54 degrees
Vectored Wind Speed		9.0 knots
Prevailing Direction		Grid Northeast or 030 degrees

** Records**

- September 7th: The daily minimum temperature of -77.7C beat the previous minimum daily temperature of -77.2C set in 1960.
- September 24th: The peak wind speed of 35kts beat the previous record of 31kts set in 2011