

ASC Meteorological Services

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- All routine data collection and reporting activities continued as normal.
- On 24 July, -100F was reached for the first time this winter.
- July 9: Peak wind of 31kts broke the previous record of 30kts set in 1958.

Average Temperature		-61.3°C / -78.3°F
Maximum Temperature	07/07/14	-45.4°C / -49.7°F
Minimum Temperature	07/24/14	-76.3°C / -105.3°F
Average pressure		672.9 mb
Highest pressure	07/20/14	694.0 mb
Lowest pressure	07/10/14	658.5 mb
Average physio-altitude		10,896 ft/ 3,321 m
Highest physio-altitude	07/10/14	11,450 ft/ 3,490 m
Lowest physio-altitude	07/20/14	10,105 ft/ 3,080 m
Visibility:		0 days with 1/4 mile or less
Average Wind Speed		12.2 mph or 10.6 knots
Maximum Wind Gust	07/09/14 & 07/14/14	36 mph or 31 knots
Maximum Wind Gust Direction		Grid North
Vectored Wind Direction		059 degrees
Vectored Wind Speed		8.6 knots
Prevailing Direction		Grid Northeast; 040 degrees

Report Photography

Page 1, IceCube Lab: Ian Rees

Page 4, Homemade aurora cam: Robert Citron

Page 7, Independence Day cake: Joe Phillips

Page 10, ARO with aurora: Joe Phillips