

ASC Meteorological Services

Winterovers: Stephanie Olcott & Kathleen Ryan Met@usap.gov

- All routine data collection and reporting activities continued as normal.
- Oct 1: Maximum temperature of -34.0C broke the previous record of -35.3C last set in 1987.
- Oct 19: Highest average wind speed of 21.4kts broke the previous record of 20.5kts last set in 1976.
- Oct 20: Peak wind of 36kts broke the previous record of 32kts set in 2001.
- Oct 21: Highest average wind speed of 23.9kts broke the previous record of 22.2kts last set in 1976.
- Oct 21: Peak wind of 40kts broke the previous record of 33kts set in 1976.
- Oct 23: Peak wind of 30kts broke the previous record of 29kts set in 1978.

Average Temperature		-51.2°C / -60.2°F
Maximum Temperature	10/31/14	-32.4°C / -26.3°F
Minimum Temperature	10/05/14	-66.3°C / -87.3°F
Average pressure		677.2 mb
Highest pressure	10/25/14	698.0 mb
Lowest pressure	10/07/14	662.8 mb
Average physio-altitude		10,735 ft/ 3,272 m
Highest physio-altitude	10/07/14	11,283 ft/ 3,439 m
Lowest physio-altitude	10/25/14	9,958 ft/ 3,035 m
Visibility:		6 days with 1/4 mile or less
Average Wind Speed		13.8 mph or 12.0 knots
Maximum Wind Gust	10/21/14	46 mph or 40 knots
Maximum Wind Gust Direction		Grid North
Vectored Wind Direction		051 degrees
Vectored Wind Speed		8.4 knots
Prevailing Direction		Grid Northeast; 040 degrees