

ASC Meteorological Services

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

- During a network upgrade, power was lost to the FMQ-19 automated weather station for approximately 8 hours. IT determined power loss was due to a loose cable and resolved the problem.
- The Summer Meteorologist redeployed 9 February. The Summer Sr. Meteorologist redeployed 13 February.
- SOPP Technicians arrived 11 February and winterized the ceilometer and visibility sensor. Sensors are being stored in the BIF.
- All routine data collection and reporting activities continued as normal.
- No records were tied or broken this month.

Average Temperature		-43.8°C / -46.8°F
Maximum Temperature	02/04/14	-34.3°C / -29.7°F
Minimum Temperature	02/28/14	-54.3°C / -65.7°F
Average pressure		682.8 mb
Highest pressure	02/11/14 and 02/12/14	694.0 mb
Lowest pressure	02/21/14	671.1 mb
Average physio-altitude		10,522 ft/ 3,207 m
Highest physio-altitude	02/21/14	10,965 ft/ 3,342 m
Lowest physio-altitude	02/11/14	10,105 ft/ 3,080 m
Visibility:		0 days with 1/4 mile or less
Average Wind Speed		10.6 mph or 9.2 knots
Maximum Wind Gust	02/23/14	25 mph or 22 knots
Maximum Wind Gust Direction		Grid Northeast
Vectored Wind Direction		072 degrees
Vectored Wind Speed		7.8 knots
Prevailing Direction		Grid East; 070 degrees