

Meteorological Services

Winterovers: Janelle Hakala, Ta-Lee Shue (RA), Robert Streeter (RA), *SPO-Met@usap.gov*

Temperatures:	Date	
Average		-40.5°C / -40.9°F
Maximum	02/06/18	-25.3°C / -13.5°F
Minimum	02/26/18	-53.8°C / -64.8°F
Station Pressure in millibars:		
Average pressure		680.6 mb
Highest pressure	02/04/18	688.4 mb
Lowest pressure	02/13/18	672.5 mb
Physiological altitude in feet and meters:		
Average physio-altitude		10,606 ft/ 3,233 m
Highest physio-altitude	02/13/18	10,912 ft/ 3,326 m
Lowest physio-altitude	02/04/18	10,313 ft/ 3,143 m
Visibility:		1 day with ¼ mile or less
Wind:		
Average Wind Speed		11.1 mph or 9.6 knots
Maximum Gust	02/06/18	30 mph or 26 knots
Maximum Gust Direction		Grid North
Vectored Wind Direction		063 degrees
Vectored Wind Speed		7.8 knots
Prevailing Direction		Grid East or 080 degrees

Notes

- Last LC-130 flight of the season departed on 2/16/18.
- Last KBA flights of the season departed on 2/24/18.
- Down to 1 balloon launch/day with no flights (started 2/24/18).
- A faulty gauge was replaced on the helium tank, the new gauge accurately monitors helium use.

** Records**

- 06 Feb: The max wind speed of 26kts/29.9mph tied the previous record set in 1965.
- 07 Feb: The max temperature of -25.5C/-13.9F broke the record of -25.9C/-14.6F set in 1975.