

## ASC Meteorological Services

Winterover: Clint Perrone (Clint.Perrone.Contractor@usap.gov)

Quantity	Date	Value
<b>Temperature</b>		
Average		-42.3°C (-44.1°F)
Maximum	1 Feb	-27.8°C (-18.0°F)
Minimum	26 & 27 Feb	-53.5°C (-64.3°F)
<b>Wind</b>		
Average Wind Speed		9.0 mph (7.8 kts)
Prevailing Direction		Grid East 070°
Maximum Wind Speed	22 & 23 Feb	22 mph (19 kts)
Maximum Wind Direction		Grid North
Average Vektored Wind		043° at 6.9 kts
<b>Atmospheric Pressure</b>		
Average		680.5 mb
Highest	7 Feb	686.9 mb
Lowest	15 Feb	673.7 mb
<b>Physiological Altitude</b>		
Average		3234 m (10609 ft)
Highest	15 Feb	3312 m (10867 ft)
Lowest	7 Feb	3160 m (10369 ft)
<b>Visibility</b>		
		0 days with 1/4 mile or less

### Notes

- 560 radiosondes were delivered to the Balloon Inflation Facility. We are fully stocked for winter.
- The MW-41 update caused some issues with the CLIMAT program, Bob Vehorn is working the problem.
- NOAA and Met conducted a dual launch on the 13th for the purposes of testing their 3k latex balloon.
- Bob Veehorn fixed the CLIMAT issue on the MW-41, CLIMAT and CLIMAT TEMP files were generated for January.
- The last passenger flight left on the 17th, and the station closed for winter.
- On 2/24 Ken Borek twin otter KBH transitioned at pole on its way to Rothera.
- On 2/25 Ken Borek Basler MKB transitioned at pole on its way to Rothera.
- All other operations continued as normal.

### Records

No records were tied or broken during the month.