

## ASC Meteorological Services

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

Quantity	Date	Value
<b>Temperature</b>		
Average		-50.9°C (-59.6°F)
Maximum	7 Mar	-38.7°C (-37.7°F)
Minimum	28 Mar	-60.2°C (-76.4°F)
<b>Wind</b>		
Average Wind Speed		10.6 mph (9.2 kts)
Prevailing Direction		Grid Northeast 030°
Maximum Wind Speed	22 Mar	32 mph (28 kts)
Maximum Wind Direction		Grid Northeast
Average Vecteded Wind		044° at 7.9 kts
<b>Atmospheric Pressure</b>		
Average		684.3 mb
Highest	14 Mar	699.4 mb
Lowest	27 mar	674.1 mb
<b>Physiological Altitude</b>		
Average		3190 m (10466 ft)
Highest	14 Mar	3308 m (10852 ft)
Lowest	27 Mar	3019 m (9905 ft)
<b>Visibility</b>		
		2 days with 1/4 mile or less

### Notes

- Formulated plan with South Pole IT, and SPT to allow for gathering of Upper Air data from the met computer. SPT will use this data for analysis.
- For the past week, the Campbell-Stokes sunshine recorder readings were estimated for daily sunshine minutes. The low sun angle was not producing a burn on the cards despite full sun.
- The carpenter adjusted the double doors in the BIF, to provide a better seal.
- The windsocks were removed from the skiway, for winter.
- On 3/19, the Campbell-Stokes sunshine recorder was moved from the roof to the meteorology office for winter storage.
- Met discontinued nightly balloon launches when the last flight out of McM left on the 26th.
- Sunset was on March 23rd at 0108L.
- Revised python script to copy .MWX upper air files for SPT.
- All other operations continued as normal.
- No records were tied or broken during the month.