

## ASC Meteorological Services

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

Quantity	Date	Value
<b>Temperature</b>		
Average		-60.7°C (-77.3°F)
Maximum	29 Jul	-37.0°C (-34.6°F)
Minimum	21 Jul	-73.4°C (-100.1°F)
<b>Wind</b>		
Average Wind Speed		9.8 mph (8.5 kts)
Prevailing Direction		Grid East 080°
Maximum Wind Gust	28 Jul	38 mph (33 kts)
Maximum Wind Gust Direction		Grid West
Average Vecteded Wind		067° at 4.2 kts
<b>Atmospheric Pressure</b>		
Average		682.1 mb
Highest	9 Jul	693.9 mb
Lowest	31 Jul	662.0 mb
<b>Physiological Altitude</b>		
Average		3215 m (10549 ft)
Highest	31 Jul	3449 m (11315 ft)
Lowest	9 Jul	3081 m (10108 ft)
<b>Visibility</b>		
		2 days with 1/4 mile or less

### Notes

- Upgraded the MW-41 software on the BIF computer.
- Waiting on Bob Veehorn to provide a fix for the MW-41 CLIMAT issue.
- Started launching 12Z balloons this week in support of MCM medevac.
- Bob Veehorn fixed the CLIMAT issue, in relation to the MW-41 software upgrade.
- Balloon launch failed on the 29th, SPS lost signal shortly after launch.
- All other operations continued as normal.

### Records

- Day 30: The daily max temperature of -37.2C / -35.0F tied the daily record high temperature of -38.6C / -37.5F previously set in 2005.