

ASC Meteorological Services

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

Quantity	Date	Value
Temperature		
Average		-58.5°C (-73.3°F)
Maximum	15 Apr	-43.3°C (-45.9°F)
Minimum	21&22 Apr	-70.3°C (-94.5°F)
Wind		
Average Wind Speed		11.8 mph (10.2 kts)
Prevailing Direction		Grid North 010°
Maximum Wind Gust	25 Apr	40 mph (35 kts)
Maximum Wind Gust Direction		Grid Northeast
Average Vectored Wind		040° at 9.0 kts
Atmospheric Pressure		
Average		672.4 mb
Highest	01 Apr	683.4 mb
Lowest	21 Apr	658.6 mb
Physiological Altitude		
Average		3327 m (10916 ft)
Highest	21 Apr	3489 m (11446 ft)
Lowest	01 Apr	3200 m (10500 ft)
Visibility		
		5 days with 1/4 mile or less

Notes

- Snow stakes were reset to thirty inches.
- The LVD charger module error pops up regularly now.
- The SPS started having connection issues with the MW-41 computer after some windows updates. Bob Vehorn was contacted about the issue.
- The balloon flight on the 27th was missed due to MW-41 issues.
- All other operations continued as normal.

Records

- 14th: The daily peak wind speed of 31kts/36pmh broke the previous record of 30kts/35mph set in 2006.
- 24th: The daily peak wind speed of 29kts/33pmh tied the previous record set in 2004
- 25th: The daily peak wind speed of 35kts/40pmh broke the previous record of 29kts/33mph set in 2012.