ASC Meteorological Services

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

Quantity	Date	Value
Temperature		
Average		-64°C (-83.2°F)
Maximum	17 Aug	-46.1°C (-51.0°F)
Minimum	11 Aug	-74.3°C (-101.7°F)
Wind		
Average Wind Speed		10.3 mph (8.9 kts)
Prevailing Direction		Grid East 070°
Maximum Wind Gust	17 Aug	38 mph (33 kts)
Maximum Wind Gust Direction		Grid Northeast
Average Vectored Wind		064° at 8.1 kts
Atmospheric Pressure		
Average		674.3 mb
Highest	26 Aug	686.7 mb
Lowest	9 Aug	660.9 mb
Physiological Altitude		
Average		3305 m (10844 ft)
Highest	9 Aug	3462 m (11357 ft)
Lowest	26 Aug	3163 m (10377 ft)
Visibility		
		3 days with 1/4 mile or less

Notes

- Launched night balloons in support of WINFLY.

- FWQ-19 started to display serial port communication errors, the virtual server was restarted, and fixed the issue.

- Dual radiosonde launches with NOAA have increased to twice per week.

Records

- Day 11: The daily minimum temperature of -74.3C/-101.7F broke the previous minimum temperature record of -73.8C/-100.8F set in 1966.

- Aug: The number of minimum cloudy days for the month tied the previous record of 1 day set in 2017.