## **ASC** Meteorological Services

Field Personnel Luke Haberkern (SPO-Met@usap.gov)

Hans Suedhoff Alex Pollak Kyle Ferguson Maggie Hubbeling Darrien Reichler

## Weather

Quantity	Date	Value
Temperature		
Average		$-51.5^{\circ}\text{C} (-60.7^{\circ}\text{F})$
Maximum	26  Mar	$-32.2^{\circ}\text{C} \ (-26.0^{\circ}\text{F})$
Minimum	22  Mar	$-64.4^{\circ}\text{C} \ (-83.9^{\circ}\text{F})$
Wind		
Average Wind Speed		12.5 mph (10.9 kts)
Prevailing Direction		Grid East $080^{\circ}$
Maximum Wind Gust	26  Mar	33  mph  (29  kts)
Maximum Wind Gust Direction		Grid Northwest
Average Vectored Wind Direction		$035^{\circ}$ at $8.3~\mathrm{kts}$
Atmospheric Pressure		
Average		681.5  mb
Highest	26  Mar	696.1  mb
Lowest	19  Mar	$666.8~\mathrm{mb}$
Physiological Altitude		
Average		3222  m (10572  ft)
Highest	19 Mar	3392 m (11130 ft)
Lowest	26 Mar	3056 m (10027 ft)

## Notes

• RAs and grantees continued all met duties beginning this month.

## Records

- 26 Mar: Highest average wind of 20.5kt broke the record of 20.1kt previously set in 2005.
- $\bullet$  26 Mar: Maximum temperature of -32.2°C/-26.0°F broke the record of -38.0°C/-36.4°F previously set in 1979.