Meteorological Services 12

## **ASC** Meteorological Services

Winterover: Clint Perrone (clint.perrone.contractor@usap.gov)

Quantity	Date	Value
Temperature		
Average		$-61.7^{\circ}\text{C}\ (-79.1^{\circ}\text{F})$
Departure from Normal		$-3.5^{\circ}\text{C}\ (-6.3^{\circ}\text{F})$
Maximum	26  Jun	$-44.5^{\circ}\text{C}\ (-48.1^{\circ}\text{F})$
Minimum	16 Jun	$-73.2^{\circ}\text{C}\ (-99.8^{\circ}\text{F})$
Atmospheric Pressure		
Average		$670.9\mathrm{mb}$
Highest	01  Jun	$686.7\mathrm{mb}$
Lowest	20  Jun	$659.7\mathrm{mb}$
Physiological Altitude		
Average		$3345\mathrm{m}\ (10,975\mathrm{ft})$
Highest	20  Jun	$3476\mathrm{m}\ (11,\!405\mathrm{ft})$
Lowest	01  Jun	$3163\mathrm{m}\ (10,\!378\mathrm{ft})$
Visibility		
0 days with $1/4$ mile or less		
Wind		
Average Wind Speed		$9.8\mathrm{mph}~(8.5\mathrm{kts})$
Maximum Wind Speed	19 Jun	$34 \mathrm{mph} \left(30 \mathrm{kts}\right)$
Maximum Wind Direction	L	Grid North
Average Vectored Wind		$040^{\circ}$ at $6.6\mathrm{kts}$
Prevailing Direction		Grid North 360°

## Records:

- 20 days of partly cloudy skies broke the previous high monthly record of 18 days of partly cloudy skies.
- $\bullet$  The average pressure of 670.9 mb for the month of June broke the previous average low monthly record of 671.7 mb.