Meteorological Services 13

ASC Meteorological Services

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

Quantity	Date	Value
Temperature		
Average		$-56.2^{\circ}\text{C}\ (-69.2^{\circ}\text{F})$
Departure from Normal		$+1.6^{\circ}\text{C}\ (+2.9^{\circ}\text{F})$
Maximum	17 May	$-45.8^{\circ}\text{C}\ (-50.4^{\circ}\text{F})$
Minimum	25 May	$-70.0^{\circ}\text{C}\ (-94^{\circ}\text{F})$
Atmospheric Pressure		
Average		$685.4\mathrm{mb}$
Highest	29 May	$701.0\mathrm{mb}$
Lowest	11 May	$673.3\mathrm{mb}$
Physiological Altitude		
Average		$3178\mathrm{m}\ (10{,}427\mathrm{ft})$
Highest	11 May	$3317\mathrm{m}\ (10,883\mathrm{ft})$
Lowest	29 May	$3001\mathrm{m}\ (9846\mathrm{ft})$
Visibility		
$2 ext{ days with } 1/4 ext{ mile or less}$		
Wind		
Average Wind Speed		$10.2\mathrm{mph}~(8.9\mathrm{kts})$
Maximum Wind Speed	03 May	$31\mathrm{mph}\ (27\mathrm{kts})$
Maximum Wind Direction	ı	Grid North
Average Vectored Wind		050° at $6.8\mathrm{kts}$
Prevailing Direction		Grid North 010°

Records:

 \bullet 13 May: The minimum daily average wind speed of 0.6 kts broke the previous daily minimum average of 2.4 kts set in 1987.