Meteorological Services 12

ASC Meteorological Services

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

Quantity	Date	Value
Temperature		
Average		-56.9 °C $(-70.4$ °F)
Departure from Normal		$+0.5^{\circ}\text{C}\ (+0.9^{\circ}\text{F})$
Maximum	$18~\mathrm{Apr}$	-43.4 °C $(-46.1$ °F)
Minimum	12 Apr	$-67.9^{\circ}\text{C}\ (-90.2^{\circ}\text{F})$
Atmospheric Pressure		
Average		$680.9\mathrm{mb}$
Highest	$17~\mathrm{Apr}$	$697.0\mathrm{mb}$
Lowest	$04~\mathrm{Apr}$	$666.5\mathrm{mb}$
Physiological Altitude		
Average		$3229\mathrm{m}\left(10{,}594\mathrm{ft}\right)$
Highest	$04~\mathrm{Apr}$	$3396\mathrm{m}\ (11{,}142\mathrm{ft})$
Lowest	$17~\mathrm{Apr}$	$3046\mathrm{m}\ (9994\mathrm{ft})$
Visibility		
$2 ext{ days with } 1/4 ext{ mile or less}$		
Wind		
Average Wind Speed		$9.6\mathrm{mph}~(8.3\mathrm{kts})$
Maximum Wind Speed	16 Apr	$36\mathrm{mph}\ (31\mathrm{kts})$
Maximum Wind Direction		Grid North
Average Vectored Wind		043° at $6.9\mathrm{kts}$
Prevailing Direction		Grid East 080°

Records:

No records were tied or broken during the month.