

Meteorological Services

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| Temperatures: | | Date | |
|---|----------|-------------|----------------------------|
| Average | | | -55.8°C / -68.4°F |
| Maximum | 08/12/18 | | -42.7°C / -44.9°F |
| Minimum | 08/28/18 | | -71.6°C / -96.9°F |
| Station Pressure in millibars: | | | |
| Average pressure | | | 683.3 mb |
| Highest pressure | 08/15/18 | | 699.2 mb |
| Lowest pressure | 08/31/18 | | 660.7 mb |
| Physiological altitude in feet and meters: | | | |
| Average physio-altitude | | | 10,504 ft/ 3,202 m |
| Highest physio-altitude | 08/31/18 | | 11,365 ft/ 3,464 m |
| Lowest physio-altitude | 08/15/18 | | 9,912 ft/ 3,021 m |
| Visibility: | | | 4 days with ¼ mile or less |
| Wind: | | | |
| Average Wind Speed | | | 10.9 mph or 9.4 knots |
| Maximum Gust | 08/12/18 | | 39 mph or 34 knots |
| Maximum Gust Direction | | | Grid Northeast |
| Vectored Wind Direction | | | 054 degrees |
| Vectored Wind Speed | | | 7.6 knots |
| Prevailing Direction | | | Grid East or 100 degrees |

Notes

- 12Z balloons launched 8/20/18 to 8/23/18 in support of MucMurdo flight.

** Records**

- 06 Aug: The max wind speed of 33kts/38.0mph broke the previous record of 32kts/36.8mph set in 1963.
- 20 Aug: The lowest average wind speed of 3.3kts/3.8mph broke the previous record of 3.6kts/4.1mph set in 1985.
- 21 Aug: The lowest average wind speed of 1.3kts/1.5mph broke the previous record of 4.5kts/5.2mph set in 1975.
- 23 Aug: The lowest average wind speed of 4.0kts/4.6mph broke the previous record of 4.4kts/5.1mph set in 1976.
- 29 Aug: The lowest average wind speed of 1.9kts/2.2mph broke the previous record of 3.0kts/3.5mph set in 1973.