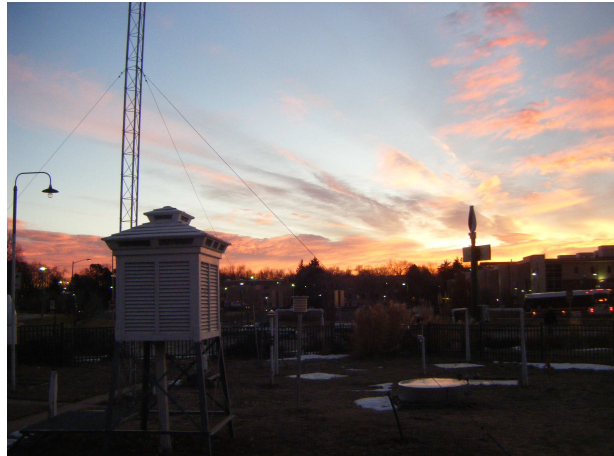


**Colorado State University,  
Fort Collins, CO Weather  
Station Monthly Summary  
Report**



**Month: December**

**Year: 2008**

**Report created by:**

**Wendy Ryan**

\*\*Note: Campus station snow depth plots from ultrasonic sensors are now available here:

[http://ccc.atmos.colostate.edu/cgi-bin/snow\\_plot.pl](http://ccc.atmos.colostate.edu/cgi-bin/snow_plot.pl)

**Temperature:**

Mean  $T_{\max}$  was 41.0 which is 1.9 degrees below normal for the month.

Mean  $T_{\min}$  was 15.1 which is 1.6 degrees below normal for the month.

Mean  $T_{\text{mean}}$  was 28.0 which is 1.8 degrees below normal for the month.

The maximum daily temperature was 67.0 and occurred on 2 December 2008.

The minimum daily temperature was -11.2 and occurred on 15 December 2008.

**Misc. Temperature (record status, days above/below thresholds):**

*Lowest Maximum Temperature:*

15 Dec 08: New record of 7 breaks old record of 8 set in 1951

**Precipitation:**

The total monthly precipitation was 0.53" and was 0.04" above normal (108% of normal).

The calendar year precipitation for 2008 was 13.28" compared to calendar year normal of 15.84" by the end of December which is 83.8% of normal.

Water year 2008-2009 precipitation is 1.35" compared to water year normal of 2.29" by the end of December which is 59% of normal.

## Snowfall

The total monthly snowfall was 11.5” compared to December normal snowfall of 6.5” which is 177% of normal. The greatest daily snowfall total of 7.2” occurred on 4 December 08.

Seasonal snowfall total is 11.5” compared to seasonal normal of 21.3” by the end of December which is 54% of normal.

## Misc. Precipitation (predominant type, record status, etc.):

No daily precipitation records were broken in December 2008.

## Wind:

In December 2008 there were 13 days with maximum wind gusts  $\geq$  20 mph and 4 days  $\geq$  30 mph.

The maximum daily wind gust for the month was 45 miles per hour and occurred on 30 Dec 2008 at 11:30 MST from 280°.

Day	Daily Max Gust Speed (mph)	Daily Max Gust Dir. (deg)	Daily Max Gust Time (MST)
2-Dec-08	30	310	13:40
20-Dec-08	31	270	12:20
26-Dec-08	30	250	10:50
30-Dec-08	45	280	11:30

## Calendar Year Precipitation Summary:

Month	CY 2008	Normal	% Normal
Jan	0.03	0.42	7.1
Feb	0.26	0.38	68.4
Mar	0.78	1.42	54.9
Apr	0.85	2.09	40.7
May	1.62	2.6	62.3
Jun	2.06	1.99	103.5
Jul	1.11	1.87	59.4
Aug	3.94	1.4	281.4
Sep	1.28	1.38	92.8
Oct	0.81	0.98	82.7
Nov	0.01	0.82	1.2
Dec	0.53	0.49	108.2
<b>Total</b>	<b>13.28</b>	<b>15.84</b>	<b>83.8</b>