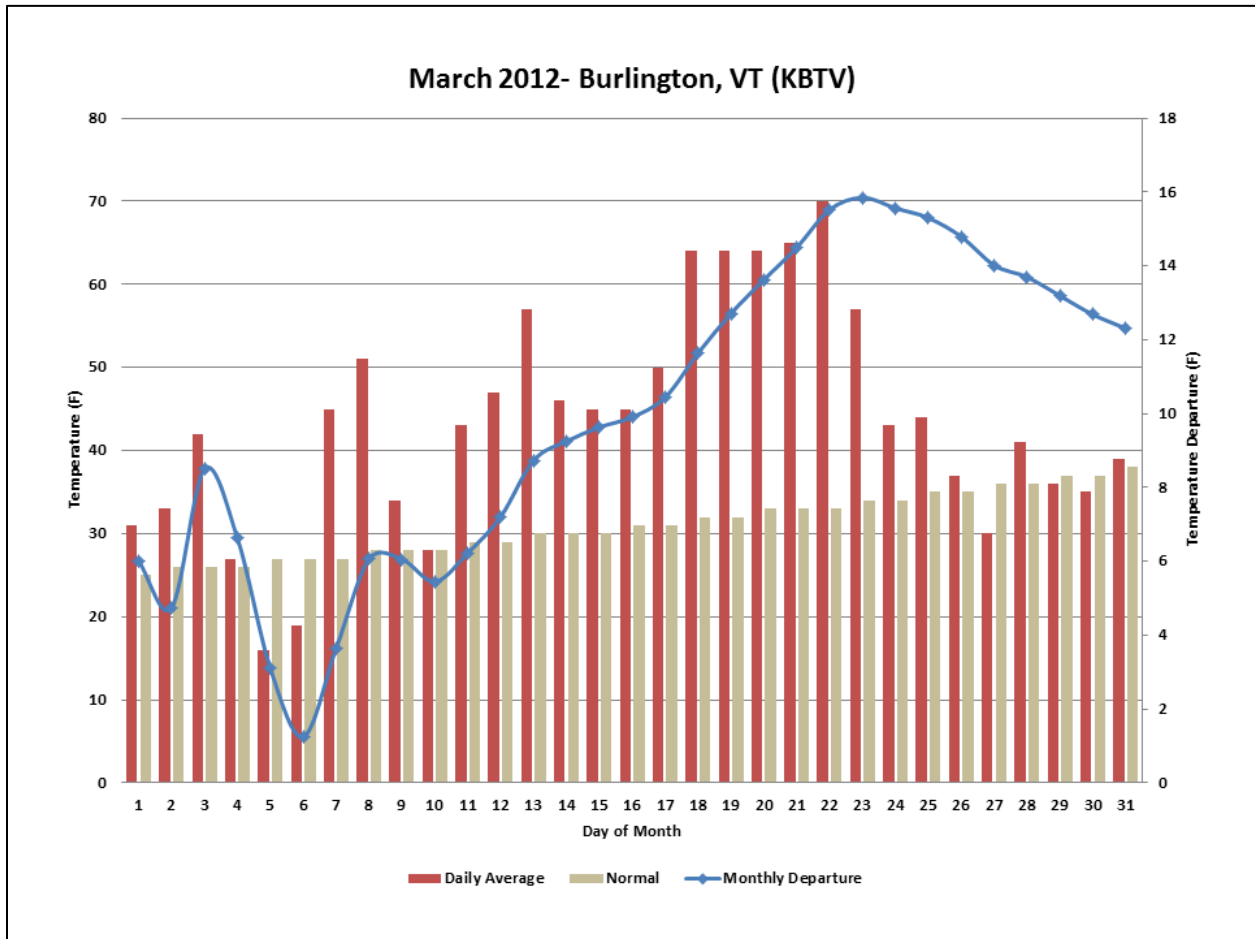


## Historic March Warmth of 2012

March of 2012 was the warmest March on record in Burlington, Vermont which has a climate data base dating back to 1884. This was a month that featured 8 days of record breaking high temperatures in Burlington and 26 days of at or above normal temperatures. A summary of the observed and record temperatures at Burlington International Airport can be seen below. The period of record is 1884-2012 with the climate normal period from 1981-2010.



Graph of observed daily temperatures from March 1-March 31, 2012 as compared to normal. Daily average temperatures are plotted in red, normals in tan, and total monthly temperature departure in blue.

## Burlington, VT

Date	New Record	Previous Record
03/08	61	61 (2000)
03/12	63	62 (1977)
03/13	67	62 (1946)
03/18	76	62 (1945)
03/19	79	66 (2010)
03/20	80	70 (1903)
03/21	81	68 (1946)
03/22	81	68 (1938)

Daily Maximum Temperature Records set in March 2012 at Burlington, VT.

Record highs were observed for 5 consecutive days at Burlington from March 18<sup>th</sup>-22<sup>nd</sup> when temperatures topped out in the upper 70's and lower 80's. During this stretch records were shattered by as many as 14 degrees and daily temperature departures were observed as great as 37 degrees above normal. The 80 degree temperature reading on March 20<sup>th</sup> marks the earliest occurrence of 80 degrees in a given calendar year in the historical record, which dates back to 1884. The previous earliest occurrence of 80 degrees was on March 29<sup>th</sup>, 1945. Prior to this warm stretch there were only 5 occurrences of an 80 degree day in March, since 1884.

March finished with a monthly average temperature of 43.2 degrees. This is a new record, making it the warmest March on record. The previous record was 40.0 degrees, set in 1903. The average maximum temperature was 52.8 degrees, which is also a new record, beating out the previous record of 52.0 degrees, set in 1946. The average minimum temperature was 33.6 degrees, which is again a new record, beating out the previous record of 33.5 degrees, set in 1903. With a monthly temperature departure of +12.2 degrees, this is the

third highest monthly departure on record, behind only February 1981 (+14.8) and January 1990 (+13.2).

Also noteworthy, the 12 month stretch from April 1<sup>st</sup>, 2011-March 31<sup>st</sup>, 2012 marks the warmest 12-month stretch on record at Burlington, Vermont with an average temperature of 49.8 degrees. The previous record was 49.0 degrees from May 1<sup>st</sup>, 2001-April 30<sup>th</sup>, 2002.

Other records set across Northern New York and Vermont during the month of March 2012 can be seen in the table below:

Date	Location	New Record	Previous Record
03/08	Montpelier, VT	61	57 (1987)
	Massena, NY	60	59 (1995)
03/12	Montpelier, VT	60	59 (1977)
03/13	Montpelier, VT	64	59 (1995)
	St. Johnsbury, VT	64	63 (1995)
03/18	Montpelier, VT	77	58 (1966)
	Massena, NY	78	66 (1966)
	M. Mansfield, VT	61	52 (1966)
	St. Johnsbury, VT	78	66 (1927)
03/19	Montpelier, VT	73	64 (2010)
	Massena, NY	77	60 (1986)
	M. Mansfield, VT	62	50 (1968)
	St. Johnsbury, VT	75	71 (1903)
03/20	Montpelier, VT	78	62 (2010)
	Massena, NY	79	66 (1976)
	M. Mansfield, VT	62	51 (1976)
	St. Johnsbury, VT	78	75 (1903)
03/21	Montpelier, VT	80	54 (2003)
	Massena, NY	81	62 (1976)
	M. Mansfield, VT	64	50 (1976)
	St. Johnsbury, VT	81	71 (1903)
03/22	Montpelier, VT	78	60 (1979)
	Massena, NY	79	66 (1953)
	M. Mansfield, VT	65	49 (1979)
	St. Johnsbury, VT	81	69 (1946)
03/23	Montpelier, VT	63	63 (1979)

Other Daily Maximum Temperature Records set in March 2012 in Northern New York and Vermont.