

2020 Western North Carolina Weather Calendar



Department of Atmospheric Sciences
University of North Carolina Asheville
www.atms.unca.edu

2020 Western North Carolina Weather Calendar

Climatological Data: Daily normals of maximum and minimum temperatures, and monthly normals of temperature, heating degree-days, cooling degree-days, and precipitation of Asheville Airport of North Carolina for 1981-2010 are used. These normals represent the climatological averages of Western North Carolina and should be referred to as the general climate. Departures of actual daily and monthly data from the normals are expected. The variations in climate at different locations of Western North Carolina are attributed to the locality's altitude, topography, surface features, latitude, and wind circulation.

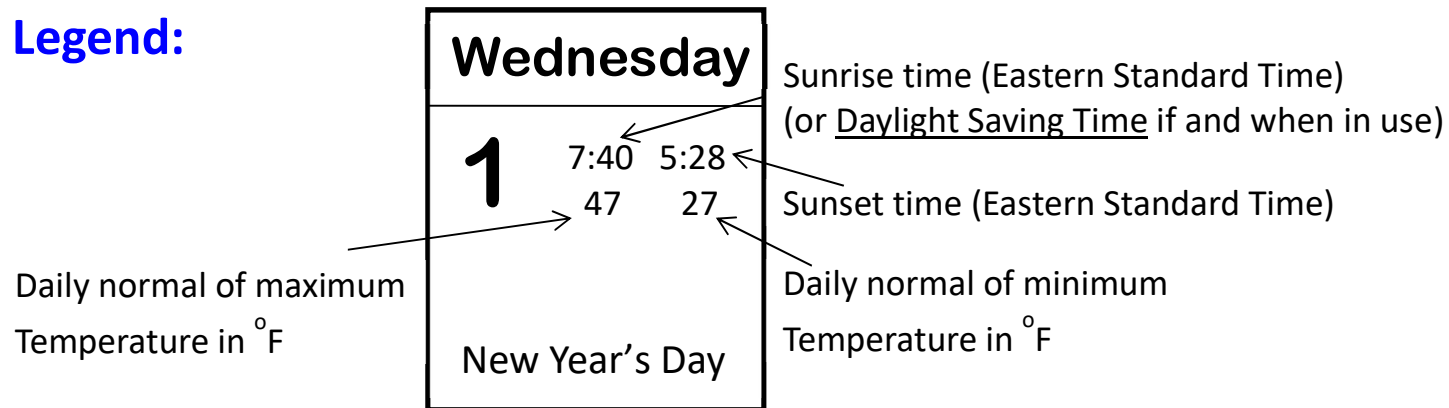
Current Weather Data: They can be acquired from NWS/GSP (Greenville-Spartanburg Airport) office in Greer, South Carolina (<http://www.weather.gov/gsp/>), NOAA Weather Radio, TV/Radio stations, newspaper, The Weather Channel, various sites on the Internet, and the Department of Atmospheric Sciences of UNC Asheville at www.atms.unca.edu.

Acknowledgments: Climatological data are provided by the NOAA NESDIS/National Centers for Environmental Information (NCEI, www.ncei.noaa.gov) at Asheville, North Carolina.

Comments and Suggestions: Please write to: Dr. Alex Huang, ATMS, UNCA, One University Heights, Asheville, NC 28804, or e-mail to: ahuang@unca.edu. Tel: (828) 232-5157 (O)

NOTE: This digital copy of 2020 WNC Weather Calendar is provided as it is and free of charge.

Legend:



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Normals, Means, and Extremes of Climate at Asheville Regional Airport, North Carolina¹
Latitude: 35°26'N, Longitude: 82°32'W, Elevation: 2,117 feet, Time Zone: Eastern Standard Time

	(a)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Temperature Normals (°F)														
Monthly Max	30	47.4	51.0	58.7	67.7	74.8	81.3	84.0	82.9	76.9	68.1	58.8	49.5	66.8
Monthly Min	30	26.7	29.7	35.5	42.8	51.4	59.6	63.7	62.9	55.8	44.6	35.8	29.3	44.8
Monthly Average	30	37.1	40.3	47.1	55.2	63.1	70.5	73.8	72.9	66.3	56.4	47.3	39.4	55.8
Temperature Extremes (°F)														
Highest Daily Max	54	80	79	83	89	93	98	98	100	92	86	81	78	100
Year		1999	2018	1985	1972	1996	2012	2012	1983	1998	2018	2004	1971	Aug 1983
Lowest Daily Min	54	-16	-2	2	20	28	35	44	42	30	21	8	-7	-16
Year		1985	1967	1993	2007	1989	1966	1988	1986	1967	1976	1970	1983	Jan 1985
Normal Degree-Days														
Heating - base 65°F	30	866	690	555	300	109	14	0	2	55	278	532	794	4195
Cooling - base 65°F	30	0	0	1	7	50	177	275	247	95	10	1	0	863
% of possible Sunshine	32	55	59	61	66	61	62	60	54	56	62	58	55	59
Mean sky cover (oktas)														
Sunrise-sunset	32	5.0	4.8	4.9	4.6	5.0	5.0	5.0	5.0	4.8	4.0	4.3	4.7	4.8
Normal relative humidity (%)	30	73	70	68	65	75	79	81	83	82	77	74	73	75
Mean wind speed (mph)	35	8.6	8.5	8.4	7.8	6.2	5.2	4.9	4.5	4.7	5.8	7.1	7.7	6.6
Precipitation (inches) Water equivalent														
Normal	30	3.67	3.76	3.83	3.33	3.66	4.65	4.31	4.40	3.81	2.91	3.65	3.59	45.57
Maximum Monthly	54	9.96	8.07	9.86	8.70	14.68	10.73	13.69	11.28	13.71	9.68	7.82	10.87	13.71
Year		1998	1990	1975	1998	2018	1989	2013	1967	2004	2017	2015	2018	Sep 2004
Minimum Monthly	54	0.45	0.44	0.77	0.25	0.96	0.85	0.46	0.52	0.16	0.00	0.85	0.16	0.00
Year		1981	1978	1985	1976	2007	2008	1986	1981	1984	2000	2012	1965	Oct 2000
Max in 24 hours	54	4.67	3.47	5.13	3.06	4.95	4.36	4.02	5.10	4.23	4.22	4.18	2.85	5.13
Year		1998	1982	1968	1973	1973	1997	1969	1990	2004	1995	2010	2013	Mar 1968
Precipitation (inches) Snow, ice pellets														
Normal	30	4.1	2.2	1.9	0.7	0	0	0	0	0	0	0.1	0.9	9.9
Maximum monthly	54	17.6	25.5	18.2	11.5	T	T	T	T	0	T	9.6	16.3	25.5
Year		1966	1969	1993	1987	1993	1995	1994	1990		2017	1968	1971	Feb 1969
Max in 24 hours	54	14.0	11.7	16.5	11.5	T	T	T	T	0	T	5.7	16.3	16.5
Year		1988	1969	1993	1987	1993	1995	1994	1990		2017	1968	1971	Mar 1993

1: Extracted from 2018 Local Climatological Data: Annual Summaries for Asheville, NC published by NOAA/NESDIS/NCEI.

(a): Length of record in years, although individual month may be missing. * Normals are for 1981-2010.

T: Trace.

The Climate of Asheville, North Carolina¹

The city of Asheville is located on both banks of the French Broad River, near the center of the French Broad Basin. Two miles upstream from the principal section of Asheville, the Swannanoa River joins the French Broad River from the east. The entire valley is known as the Asheville Plateau, having an average elevation near 2,200 feet above sea level, and is flanked by mountain ridges to the east and west, whose peaks range from 2,000 to 4,400 feet above the valley floor. At the Carolina-Tennessee border, about 25 miles north-northwest of Asheville, a relatively high ridge of mountains blocks the northern end of the valley. Thirty miles south, the Blue Ridge Mountains form an escarpment, having a general elevation of about 2,700 feet above sea level. The tallest peaks near Asheville are Mt. Mitchell, (which is also the highest peak in the eastern states, 6,684 feet above sea level, 20 miles northeast of the city) and Big Pisgah Mountain (5,721 feet above sea level, 16 miles to the southwest).

Asheville has a temperate, but invigorating climate. Considerable variation in temperature often occurs from day-to-day in summer, as well as during the other seasons. The growing season in this area is of sufficient length for commercial crops, the average length of the frost-free period being about 195 days. The average last occurrence in spring of a temperature 32°F or lower is mid-April, and the average first occurrence in fall of 32°F or lower is late October.

The orientation of the French Broad Valley appears to have a pronounced influence on the wind direction. Prevailing winds are from the northwest during all months of the year. Also, the shielding effect of the nearby mountain barriers apparently has a direct bearing on the annual amount of precipitation received in this vicinity. In an area northwest of Asheville, the average annual precipitation is the lowest in North Carolina. Precipitation increases sharply in all other directions, especially the south and southwest.

Destructive events caused directly by meteorological conditions are infrequent. The most frequent, occurring at approximately 12-year intervals, are floods on the French Broad River. These floods are usually associated with heavy rains caused by storms moving out of the Gulf of Mexico. Snowstorms which have seriously disrupted normal life are infrequent. Hailstorms that cause property damage are extremely rare.

¹: Extracted from 2018 Local Climatological Data: Annual Summaries with Comparative Data for Asheville published by NOAA/NESDIS National Centers for Environmental Information (NCEI).

Wind Chill Factor (Equivalent Temperature) Table


Wind speed (mph)	Observed Air Temperature (°F)						
	-20	-10	0	10	20	30	40
0	-20	-10	0	10	20	30	40
10	-41	-28	-16	-4	9	21	34
20	-48	-35	-22	-9	4	17	30
30	-53	-39	-26	-12	1	15	28
40	-57	-43	-29	-15	-1	13	27

Heat Index (Apparent Temperature) Table

Relative humidity (%)	Observed Air Temperature (°F)				
	75	80	85	90	95
60	76	82	90	100	114
70	77	85	93	106	124
80	78	86	97	113	136
90	79	88	102	122	
100	80	91	108		

January

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
December S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Monthly Normals (1981-2010): Average Temperature: 37.1°F Precipitation: 3.67 inches Heating Degree-Days: 866 Cooling Degree-Days: 0		1 7:40 5:28 47 27 New Year's Day	2 7:40 5:29 47 27	3 7:40 5:29 47 27 	4 7:40 5:30 47 27
5 7:40 5:31 47 27 Perihelion	6 7:40 5:32 47 27	7 7:40 5:33 47 27	8 7:40 5:34 47 27	9 7:40 5:34 47 27	10 7:40 5:36 47 26 	11 7:40 5:37 47 26
12 7:40 5:37 47 26	13 7:40 5:38 47 26	14 7:40 5:39 47 26	15 7:39 5:40 47 26	16 7:39 5:41 47 26	17 7:38 5:42 47 26 	18 7:38 5:43 47 27
19 7:38 5:44 47 27	20 7:38 5:45 47 27 Martin Luther King, Jr. Day	21 7:37 5:46 48 27	22 7:37 5:47 48 27	23 7:36 5:48 48 27	24 7:36 5:49 48 27 	25 7:35 5:50 48 27 4718 th Chinese New Year (Rat)
26 7:35 5:51 48 27	27 7:34 5:52 48 27	28 7:33 5:53 48 27	29 7:32 5:54 48 27	30 7:31 5:56 49 28	31 7:31 5:57 49 28	February S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29





February

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>January</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p>	<p>Monthly Normals (1981-2010):</p> <p>Average Temperature: 40.3°F Precipitation: 3.76 inches Heating Degree-Days: 690 Cooling Degree-Days: 0</p>		<p>March</p> <p>S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p>			<p>1 7:30 5:58 49 28</p>
<p>2 7:29 5:59 49 28</p> <p></p> <p>Groundhog Day</p>	<p>3 7:28 6:00 49 28</p>	<p>4 7:27 6:01 49 28</p>	<p>5 7:27 6:02 49 28</p>	<p>6 7:26 6:03 49 28</p>	<p>7 7:25 6:04 50 28</p>	<p>8 7:24 6:05 50 29</p>
<p>9 7:23 6:06 50 29</p> <p></p>	<p>10 7:22 6:07 50 29</p>	<p>11 7:21 6:08 50 29</p>	<p>12 7:20 6:09 50 29</p> <p>Lincoln's Birthday</p>	<p>13 7:19 6:10 51 29</p>	<p>14 7:18 6:11 51 30</p> <p>Valentine's Day</p>	<p>15 7:17 6:12 51 30</p> <p></p>
<p>16 7:16 6:13 51 30</p>	<p>17 7:14 6:14 52 30</p> <p>Presidents' Day</p>	<p>18 7:13 6:15 52 30</p>	<p>19 7:12 6:16 52 31</p>	<p>20 7:11 6:17 52 31</p>	<p>21 7:10 6:18 52 31</p>	<p>22 7:09 6:19 53 31</p>
<p>23 7:07 6:20 53 31</p> <p></p>	<p>24 7:06 6:21 53 32</p>	<p>25 7:04 6:23 54 32</p>	<p>26 7:02 :24 54 32</p> <p>Ash Wednesday</p>	<p>27 7:01 6:25 54 32</p>	<p>28 7:01 6:25 54 32</p>	<p>29 7:01 6:25 54 32</p>



March

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 7:00 6:26 54 32	2 6:58 6:28 55 33 	3 6:57 6:28 55 33	4 6:55 6:29 55 33	5 6:54 6:30 55 33	6 6:53 6:30 56 33	7 6:51 6:31 56 34
8 6:50 6:32 56 34	9 6:49 6:33 57 34 	10 7:47 7:34 57 34	11 7:46 7:35 57 34	12 7:45 7:36 57 35	13 7:43 7:37 58 35	14 7:42 7:37 58 35
Daylight Saving Time Begins						
15 7:40 7:38 58 35	16 7:39 7:39 59 36 	17 7:37 7:40 59 36 St. Patrick's Day	18 7:36 7:41 59 36	19 7:35 7:42 60 36 Spring Equinox	20 7:33 7:42 60 36	21 7:32 7:43 60 37
22 7:30 7:44 61 37	23 7:29 7:46 61 37	24 7:27 7:46 61 37 	25 7:26 7:47 61 37	26 7:25 7:47 62 38	27 7:23 7:48 62 38	28 7:22 7:49 62 38
29 7:20 7:50 63 38	30 7:19 7:51 63 39	31 7:19 7:51 63 39	February S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	Monthly Normals (1981-2010): Average Temperature: 47.1°F Precipitation: 3.83 inches Heating Degree-Days: 555 Cooling Degree-Days: 1		April S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30



April

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>March</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31</p>	<p>Monthly Normals (1981-2010):</p> <p>Average Temperature: 55.2°F</p> <p>Precipitation: 3.33 inches</p> <p>Heating Degree-Days: 300</p> <p>Cooling Degree-Days: 7</p>		<p>1 7:16 7:52</p> <p>64 39</p> <p></p>	<p>2 7:15 7:53</p> <p>64 39</p>	<p>3 7:13 7:54</p> <p>64 40</p>	<p>4 7:12 7:55</p> <p>65 40</p>
<p>5 7:11 7:56</p> <p>65 40</p>	<p>6 7:09 7:56</p> <p>65 40</p>	<p>7 7:08 7:57</p> <p>65 41</p>	<p>8 7:06 7:58</p> <p>66 41</p> <p></p>	<p>9 7:05 7:59</p> <p>66 41</p>	<p>10 7:04 8:00</p> <p>66 41</p>	<p>11 7:02 8:00</p> <p>67 42</p>
<p>12 7:01 8:01</p> <p>67 42</p>	<p>13 7:01 8:02</p> <p>67 42</p>	<p>14 6:58 8:03</p> <p>67 42</p> <p></p>	<p>15 6:57 8:04</p> <p>68 43</p> <p>Tax Day</p>	<p>16 6:56 8:05</p> <p>68 43</p>	<p>17 6:54 8:05</p> <p>68 43</p>	<p>18 6:53 8:06</p> <p>69 43</p>
<p>Easter Sunday</p> <p>19 6:52 8:07</p> <p>69 44</p>	<p>20 6:51 8:08</p> <p>69 44</p>	<p>21 6:49 8:09</p> <p>69 44</p>	<p>22 6:48 8:10</p> <p>70 45</p> <p>Earth Day</p>	<p>23 7:36 5:48</p> <p>70 45</p> <p></p>	<p>24 6:46 8:11</p> <p>70 45</p>	<p>25 6:45 8:12</p> <p>70 45</p>
<p>26 6:43 8:13</p> <p>70 46</p>	<p>27 6:42 8:14</p> <p>71 46</p>	<p>28 6:41 8:15</p> <p>71 46</p>	<p>29 6:40 8:15</p> <p>71 47</p>	<p>30 6:40 8:16</p> <p>71 47</p> <p></p>	<p>May</p> <p>S M T W T F S</p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p> <p>31</p>	

May

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
April S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Monthly Normals (1981-2010): Average Temperature: 63.1°F Precipitation: 3.66 inches Heating Degree-Days: 109 Cooling Degree-Days: 50		June S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		1 6:38 8:17 72 47	2 6:37 8:18 72 47
3 6:36 8:19 72 48	4 6:35 8:20 72 48	5 6:34 8:20 72 48	6 6:33 8:21 73 49	7 6:32 8:22 73 49 	8 6:31 8:23 73 49	9 6:30 8:24 73 49
10 6:29 8:25 74 50 Mother's Day	11 6:28 8:25 74 50	12 6:27 8:26 74 50	13 6:27 8:27 74 51	14 6:26 8:28 74 51 	15 6:25 8:29 75 51	16 6:24 8:29 75 51 Armed Forces Day
17 6:24 8:30 75 51	18 6:23 8:31 75 52	19 6:22 8:32 75 52	20 6:22 8:32 76 53	21 6:21 8:33 76 53	22 6:20 8:34 76 53 	23 6:20 8:35 76 53
24 6:19 8:35 77 54 31 6:16 8:40 78 56	25 6:19 8:35 77 54 Memorial Day	26 6:18 8:38 77 55	27 6:18 8:38 77 55	28 6:17 8:39 78 55	29 6:16 8:40 78 55	30 6:16 8:40 78 56 

June

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
May S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 6:16 8:41 78 56	2 6:16 8:41 79 56	3 6:15 8:42 79 57	4 6:15 8:43 79 57	5 6:15 8:43 79 57 	6 6:15 8:44 80 57
7 6:14 8:44 80 58	8 6:14 8:45 80 58	9 6:14 8:45 80 58	10 6:14 8:46 80 58	11 6:14 8:46 81 59	12 6:14 8:46 81 59	13 6:14 8:47 81 59 
14 6:14 8:47 81 60 Flag Day	15 6:14 8:48 82 60	16 6:14 8:48 82 60	17 6:14 8:48 82 60	18 6:15 8:49 82 60	19 6:15 8:49 81 59	20 6:15 8:49 82 61 Summer Solstice
21 6:15 8:49 82 61  Father's Day	22 6:15 8:49 83 61	23 6:16 8:48 83 61	24 6:16 8:50 83 62	25 6:16 8:50 83 62	26 6:17 8:50 83 62	27 6:17 8:50 83 62
28 6:17 8:50 83 62 	29 6:18 8:50 84 62	30 6:18 8:50 84 62	Monthly Normals (1981-2010): Average Temperature: 70.5°F Precipitation: 4.65 inches Heating Degree-Days: 14 Cooling Degree-Days: 177			July S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31





July

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
June S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Monthly Normals (1981-2010): Average Temperature: 73.8°F Precipitation: 4.31 inches Heating Degree-Days: 0 Cooling Degree-Days: 275		1 6:18 8:50 84 63	2 6:19 8:50 84 63	3 6:19 8:50 84 63	4 6:20 8:49 84 63 Independence Day Aphelion
5 6:20 8:49 84 63 	6 6:21 8:49 84 63	7 6:21 8:49 84 63	8 6:22 8:49 84 64	9 6:22 8:48 84 64	10 6:23 8:48 84 64	11 6:23 8:48 84 64
12 6:24 8:47 84 64 	13 6:25 8:47 84 64	14 6:25 8:47 84 64	15 6:26 8:46 84 64	16 6:26 8:46 84 64	17 6:27 8:45 84 64	18 6:28 8:45 84 64
19 6:29 8:44 84 64	20 6:30 8:43 84 64 	21 6:30 8:43 84 64	22 6:31 8:42 84 64	23 6:31 8:42 84 64	24 6:32 8:41 84 64	25 6:34 8:39 84 64
26 6:35 8:39 84 64 Parents' Day	27 6:35 8:39 84 64 	28 6:36 8:38 84 64	29 6:36 8:37 84 64	30 6:40 8:16 84 64	31 6:40 8:16 84 64	August S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31





August

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
July S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Monthly Normals (1981-2010): Average Temperature: 72.9°F Precipitation: 4.40 inches Heating Degree-Days: 2 Cooling Degree-Days: 247		September S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			1 6:39 8:34 84 64
2 6:40 8:33 84 64	3 6:40 8:32 84 64 	4 6:41 8:31 84 64	5 6:42 8:30 84 64	6 6:43 8:29 84 64	7 6:44 8:28 84 64	8 6:44 8:27 84 64
9 6:45 8:26 84 64	10 6:46 8:25 84 64	11 6:47 8:23 84 64 	12 6:47 8:22 83 64	13 6:48 8:21 83 63	14 6:49 8:20 83 63	15 6:50 8:19 83 63
16 6:51 8:18 83 63	17 6:51 8:16 83 63	18 6:52 8:15 83 63	19 6:53 8:14 83 63 	20 6:54 8:13 83 63	21 6:54 8:11 83 63	22 6:55 8:10 83 63
23 6:56 8:09 82 62 30 7:01 7:59 81 61	24 6:57 8:08 82 62 31 7:02 7:58 81 61	25 6:57 8:06 82 62 	26 6:58 8:05 82 62	27 6:59 8:04 82 62	28 7:00 8:02 82 61	29 7:01 8:01 81 61






September

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
August S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		1 7:03 7:57 81 61	2 7:04 7:55 81 60 	3 7:04 7:54 81 60	4 7:05 7:52 80 60	5 7:06 7:51 80 60
6 7:07 7:50 80 59	7 7:08 7:47 79 59 Labor Day	8 7:08 7:47 79 59	9 7:09 7:45 79 58	10 7:10 7:44 79 58 	11 7:10 7:42 78 58 Patriot Day	12 7:11 7:41 78 58
13 7:12 7:40 78 57 Grandparents Day	14 7:13 7:37 77 56	15 7:13 7:37 77 56	16 7:14 7:35 77 56	17 7:15 7:34 77 55 	18 7:16 7:32 76 55	19 7:16 7:31 76 55
20 7:17 7:29 76 54	21 7:19 7:26 75 54	22 7:19 7:26 75 54 Autumn Equinox	23 7:19 7:25 75 53	24 7:20 7:23 74 53 	25 7:21 7:22 74 52	26 7:22 7:20 74 52
27 7:22 7:19 73 51	28 7:24 7:16 73 51	29 7:24 7:16 73 51	30 7:24 7:16 73 51	Monthly Normals (1981-2010): Average Temperature: 66.3°F Precipitation: 3.81 inches Heating Degree-Days: 55 Cooling Degree-Days: 95		October S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

October

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
September S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	November S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Monthly Normals (1981-2010): Average Temperature: 56.4°F Precipitation: 2.91 inches Heating Degree-Days: 278 Cooling Degree-Days: 10		1 7:25 7:14 72 50 	2 7:26 7:12 72 50	3 7:27 7:11 72 49
4 7:28 7:09 71 49	5 7:30 7:07 71 48	6 7:30 7:07 71 48	7 7:30 7:05 71 48	8 7:31 7:04 70 47	9 7:32 7:02 70 47	10 7:33 7:01 70 47 
11 7:34 6:59 69 46	12 7:35 6:57 69 46 Columbus Day	13 7:35 6:57 69 46	14 7:36 6:55 69 45	15 7:37 6:54 68 45	16 7:38 6:53 68 44 	17 7:39 6:52 68 44
18 7:40 6:50 68 44	19 7:42 6:48 67 43	20 7:42 6:48 67 43	21 7:42 6:47 67 43	22 7:43 6:45 67 43	23 7:44 6:44 66 42 	24 7:45 6:43 66 42
25 7:46 6:42 66 42	26 7:48 6:40 65 41	27 7:48 6:40 65 41	28 7:49 6:39 65 41	29 7:44 6:44 66 42	30 7:45 6:43 66 42	31 7:46 6:42 66 42  Halloween





November

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 7:52 6:35 64 40 Daylight Saving Time Ends	2 7:54 6:33 63 39	3 7:54 6:33 63 39 Election Day	4 6:55 5:32 63 39	5 6:57 5:30 63 39	6 6:57 5:30 62 38	7 6:58 5:29 62 38
8 6:59 5:28 62 38 	9 7:01 5:27 61 37	10 7:01 5:27 61 37	11 7:02 5:26 61 37 Veterans Day	12 7:03 5:25 60 37	13 7:04 5:24 60 36	14 7:05 5:24 59 36
15 7:06 5:23 59 36 	16 7:08 5:22 58 35	17 7:08 5:22 58 35	18 7:09 5:21 58 35	19 7:10 5:21 58 35	20 7:11 5:20 57 35	21 7:12 5:20 57 34
22 7:13 5:20 57 34 	23 7:27 7:46 61 37	24 7:15 5:19 56 34	25 7:16 5:18 55 33	26 7:17 5:18 55 33 Thanksgiving	27 7:18 5:18 55 33	28 7:19 5:18 54 33
29 7:20 5:17 54 33	30 7:18 5:17 54 32 		October S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Monthly Normals (1981-2010): Average Temperature: 47.3°F Precipitation: 3.65 inches Heating Degree-Days: 532 Cooling Degree-Days: 1		December S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

December

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
November S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	January S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 7:21 5:17 53 32	2 7:22 5:17 53 32	3 7:23 5:17 53 32	4 7:24 5:17 52 31	5 7:25 5:17 52 31
6 7:26 5:17 52 31	7 7:27 5:17 51 31 Pearl Harbor Remembrance Day	8 7:28 5:17 51 30 	9 7:28 5:17 51 30	10 7:29 5:17 51 30	11 7:30 5:18 50 30	12 7:31 5:18 50 30
13 7:31 5:18 50 30	14 7:32 5:18 50 30 	15 7:33 5:19 49 29	16 7:33 5:19 49 29	17 7:34 5:19 49 29	18 7:35 5:19 49 29	19 7:35 5:20 49 29
20 7:36 5:21 48 29	21 7:36 5:21 48 28  Winter Solstice	22 7:37 5:22 48 28	23 7:38 5:23 48 28	24 7:39 5:25 48 28	25 7:39 5:26 47 27 Christmas	26 7:39 5:25 48 28
27 7:39 5:26 47 27	28 7:39 5:27 47 27	29 7:39 5:27 47 27	30 7:38 5:27 47 27 	31 7:39 5:27 47 27	Monthly Normals (1981-2010): Average Temperature: 39.4°F Precipitation: 3.59 inches Heating Degree-Days: 79 Cooling Degree-Days: 0	