

**JANUARY DAILY TEMPERATURE DATA For PORTLAND
(1941-2003)**

Day	Maximum Temperatures				Minimum Temperatures				Climatic Normals ¹																																												
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																								
1	21	1979	60	1981	14	1979	50	1997	44	34	39	26	0																																								
2	25	1979	58	1996	16	1979	47	1963	44	34	39	26	0																																								
3	26	1952	60	1989	16	1959	48	1989	44	33	39	26	0																																								
4	26	1959	59	2003	19	1974	50	1983	45	33	39	26	0																																								
5	28	1974	58	1954	19	1982	48	1990	45	33	39	25	0																																								
6	29	1982	57	1956	14	1982	46	1990	45	33	39	25	0																																								
7	29	1979	62	1945	14	1974	51	1983	45	33	39	25	0																																								
8	28	1974	57	1990	14	1974	45	1990	45	33	39	25	0																																								
9	29	1974	61	1990	12	1974	47	1994	45	33	39	25	0																																								
10	26	1974	57	1945	16	1949	45	1997	45	33	39	25	0																																								
11	21	1963	57	1953	11	1963	48	1994	45	33	40	25	0																																								
12	28	1998	62	1991	13	1963	52	1953	45	33	40	25	0																																								
13	31	1963	61	1991	14	1950	49	1967	45	33	40	25	0																																								
14	24	1950	60	1974	9	1950	50	1961	45	34	40	25	0																																								
15	33	1947	62	1958	19	1947	54	1974	45	34	40	25	0																																								
16	21	1950	60	1971	8	1950	48	1953	45	34	40	25	0																																								
17	22	1950	59	1975	8	1950	51	1953	45	34	40	25	0																																								
18	22	1950	63	1986	10	1943	48	1953	46	34	40	24	0																																								
19	26	1957	60	1971	18	1950	50	1972	46	34	40	24	0																																								
20	24	1954	56	1961	15	1949	51	1972	46	34	40	24	0																																								
21	28	1949	59	1970	9	1962	45	1981	46	34	40	24	0																																								
22	31	1969	61	1970	9	1949	46	1981	46	34	40	24	0																																								
23	27	1943	60	1953	10	1943	50	1992	46	34	40	24	0																																								
24	27	1969	61	1984	3	1943	52	1984	47	34	41	24	0																																								
25	26	1957	59	1993	11	1949	47	1951	47	34	41	24	0																																								
26	23	1949	62	2003	6	1957	48	1962	47	35	41	24	0																																								
27	22	1957	56	1984	8	1957	49	1976	47	35	41	24	0																																								
28	24	1969	59	1992	10	1957	50	1965	47	35	41	24	0																																								
29	20	1950	62	1984	8	1950	52	1965	47	35	41	24	0																																								
30	23	1996	62	1995	10	1950	48	1953	47	35	41	24	0																																								
31	16	1950	61	1995	- 2	1950	52	1995	47	35	41	24	0																																								
<table border="1"> <thead> <tr> <th colspan="8">JANUARY EXTREMES (most recent occurrence)</th> <th colspan="6">Normal Monthly Average²</th> </tr> <tr> <th>MIN</th> <th>Year</th> <th>MAX</th> <th>Year</th> <th>MIN</th> <th>Year</th> <th>MAX</th> <th>Year</th> <th>MAX</th> <th>MIN</th> <th>Mean</th> <th>HDD</th> <th>CDD</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>1950</td> <td>63</td> <td>1986</td> <td>- 2</td> <td>1950</td> <td>54</td> <td>1974</td> <td>45.6</td> <td>34.2</td> <td>39.9</td> <td>765</td> <td>0</td> </tr> </tbody> </table>														JANUARY EXTREMES (most recent occurrence)								Normal Monthly Average ²						MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	16	1950	63	1986	- 2	1950	54	1974	45.6	34.2	39.9	765	0
JANUARY EXTREMES (most recent occurrence)								Normal Monthly Average ²																																													
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																									
16	1950	63	1986	- 2	1950	54	1974	45.6	34.2	39.9	765	0																																									

¹ Climatic Normals derived from the 1971-2000 data set.

² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

DAILY TEMPERATURES

**FEBRUARY DAILY TEMPERATURE DATA For PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climatic Normals ¹																																										
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																						
1	25	1950	61	1986	1	1950	47	1995	48	35	41	24	0																																						
2	18	1989	61	1991	- 3	1950	45	1991	48	35	41	24	0																																						
3	15	1989	64	1963	4	1950	49	1963	48	35	41	23	0																																						
4	27	1989	60	1992	14	1989	48	1991	48	35	41	23	0																																						
5	34	1972	58	1995	9	1989	48	1961	48	35	42	23	0																																						
6	38	1948	59	1998	15	1989	48	1953	49	35	42	23	0																																						
7	39	1989	62	1996	21	1982	48	1955	49	35	42	23	0																																						
8	38	1975	64	1995	25	1994	51	1963	49	35	42	22	0																																						
9	36	1975	62	1963	25	1986	51	1951	49	35	42	22	0																																						
10	36	1989	65	1963	22	1982	49	1990	49	36	43	22	0																																						
11	38	1981	62	1971	24	1948	47	1951	50	36	43	22	0																																						
12	35	1990	62	1947	24	1948	48	1972	50	36	43	22	0																																						
13	31	1995	60	1996	23	1990	47	1947	50	36	43	22	0																																						
14	34	1990	63	1977	16	1995	52	1982	50	36	43	22	0																																						
15	31	1956	63	1996	19	1956	50	1982	50	36	43	21	0																																						
16	30	1956	62	1981	18	1956	51	1982	50	36	43	21	0																																						
17	39	1993	65	1948	24	1985	47	1983	51	36	44	21	0																																						
18	37	1949	68	1977	20	1955	50	1968	51	36	44	21	0																																						
19	33	1993	66	1977	26	1955	52	1991	51	36	44	21	0																																						
20	39	1993	63	1982	23	1955	52	1961	51	36	44	21	0																																						
21	37	1957	66	1958	25	1955	49	1968	52	36	44	21	0																																						
22	34	1957	64	2002	28	1964	50	2002	52	36	44	21	0																																						
23	41	1942	67	1995	25	1993	50	1983	52	36	44	20	0																																						
24	38	1994	68	1986	25	1969	53	1986	52	37	45	20	0																																						
25	40	1994	66	1991	23	1969	48	1986	52	37	45	20	0																																						
26	38	1971	68	1968	20	1962	49	1992	52	37	45	20	0																																						
27	40	1971	67	1968	19	1960	54	1972	53	37	45	20	0																																						
28	41	1962	71	1988	24	1960	46	1959	53	37	45	20	0																																						
29	44	1964	68	1968	29	1960	46	1988	53	37	45	-	--																																						
									Feb 29 th normals are not used to compute Monthly averages/totals.																																										
<table border="1"> <thead> <tr> <th colspan="8">FEBRUARY EXTREMES (most recent occurrence)</th> <th colspan="5">Normal Monthly Average²</th> </tr> <tr> <th>MIN</th> <th>Year</th> <th>MAX</th> <th>Year</th> <th>MIN</th> <th>Year</th> <th>MAX</th> <th>Year</th> <th>MAX</th> <th>MIN</th> <th>Mean</th> <th>HDD</th> <th>CDD</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>1989</td> <td>71</td> <td>1988</td> <td>- 3</td> <td>1950</td> <td>54</td> <td>1972</td> <td>50.3</td> <td>35.9</td> <td>43.1</td> <td>60.5</td> <td>0</td> </tr> </tbody> </table>													FEBRUARY EXTREMES (most recent occurrence)								Normal Monthly Average ²					MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	15	1989	71	1988	- 3	1950	54	1972	50.3	35.9	43.1	60.5	0
FEBRUARY EXTREMES (most recent occurrence)								Normal Monthly Average ²																																											
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																							
15	1989	71	1988	- 3	1950	54	1972	50.3	35.9	43.1	60.5	0																																							

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² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

**MARCH DAILY TEMPERATURE DATA For PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climatic Normals ¹																																												
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																								
1	36	1993	67	1981	22	1971	48	1968	53	37	45	20	0																																								
2	35	1989	67	1986	25	1960	47	1994	53	37	45	20	0																																								
3	29	1960	67	1994	19	1989	54	1950	54	37	45	20	0																																								
4	34	1960	69	1987	26	1960	52	1987	54	37	45	20	0																																								
5	36	1956	66	1984	19	1955	51	1972	54	37	45	19	0																																								
6	41	1971	70	1965	28	1976	51	1979	54	37	45	19	0																																								
7	41	1951	69	2001	25	1974	49	1986	54	37	45	19	0																																								
8	38	1951	72	1953	26	1974	48	1983	55	37	46	18	0																																								
9	37	1951	67	1995	25	1943	51	1983	55	38	46	18	0																																								
10	39	1951	72	1965	22	1969	50	1972	55	38	46	18	0																																								
11	42	1950	69	1965	24	1956	50	1972	55	38	46	18	0																																								
12	45	1977	70	1994	24	1954	52	1972	55	38	46	18	0																																								
13	39	1947	71	1979	24	1944	50	1972	55	38	46	18	0																																								
14	43	1957	74	1947	28	1953	50	1961	55	38	47	17	0																																								
15	44	2002	77	1947	26	1955	49	1998	56	39	48	17	0																																								
16	45	2002	80	1947	27	1955	49	1983	56	39	48	17	0																																								
17	46	2002	76	1947	24	1955	48	1990	56	39	48	16	0																																								
18	43	2002	71	1988	29	1971	48	2001	56	39	48	16	0																																								
19	47	1975	73	1960	25	1965	50	1997	56	39	48	16	0																																								
20	44	1966	71	1960	28	1955	49	1988	56	39	48	16	0																																								
21	47	1975	70	1978	28	1952	49	1972	57	39	48	16	0																																								
22	46	1994	73	1979	29	1966	50	1998	57	40	49	16	0																																								
23	46	1975	73	1982	31	1954	48	1998	57	40	49	16	0																																								
24	47	1996	72	1960	29	1969	49	1952	57	40	49	16	0																																								
25	39	1955	74	1966	30	1970	49	1952	57	40	49	16	0																																								
26	42	1985	73	1994	31	1996	50	1943	57	40	49	16	0																																								
27	47	1998	77	1994	27	1975	50	1941	57	40	49	16	0																																								
28	44	1967	76	1994	28	1962	56	1941	58	40	49	16	0																																								
29	47	1943	75	1994	23	1954	53	1941	58	40	49	16	0																																								
30	47	1967	74	1942	24	1954	50	1994	58	40	49	16	0																																								
31	48	1976	71	1987	31	1970	50	1994	58	40	49	16	0																																								
<table border="1"> <thead> <tr> <th colspan="8">MARCH EXTREMES (most recent occurrence)</th> <th colspan="6">Normal Monthly Average²</th> </tr> <tr> <th>MIN</th> <th>Year</th> <th>MAX</th> <th>Year</th> <th>MIN</th> <th>Year</th> <th>MAX</th> <th>Year</th> <th>MAX</th> <th>MIN</th> <th>Mean</th> <th>HDD</th> <th>CDD</th> </tr> </thead> <tbody> <tr> <td>29</td> <td>1960</td> <td>80</td> <td>1947</td> <td>19</td> <td>1989</td> <td>56</td> <td>1941</td> <td>55.7</td> <td>38.6</td> <td>47.2</td> <td>536</td> <td>0</td> </tr> </tbody> </table>														MARCH EXTREMES (most recent occurrence)								Normal Monthly Average ²						MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	29	1960	80	1947	19	1989	56	1941	55.7	38.6	47.2	536	0
MARCH EXTREMES (most recent occurrence)								Normal Monthly Average ²																																													
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																									
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² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

DAILY TEMPERATURES

**APRIL DAILY TEMPERATURE DATA for PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹				
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD
1	49	2001	79	1987	30	1971	53	1943	58	40	49	15	0
2	48	2001	79	1992	30	1972	52	1961	58	40	49	15	0
3	45	1975	76	2000	30	1964	48	1992	58	40	49	15	0
4	46	1999	76	2002	29	1955	51	1991	58	40	49	15	0
5	48	1964	77	1977	30	1975	50	1989	58	40	49	15	0
6	48	1980	77	1985	30	1975	54	1962	59	41	50	15	0
7	50	2001	79	1996	32	1970	52	1960	59	41	50	15	0
8	45	1950	74	1996	31	1975	53	1996	59	41	50	15	0
9	46	1983	79	1985	33	1982	51	2002	59	41	50	15	0
10	46	1979	76	1990	31	1954	51	2002	59	41	50	15	0
11	50	1986	77	1951	33	1991	50	2002	60	41	50	15	0
12	48	1955	82	1943	30	1970	53	2002	60	41	50	15	0
13	47	1967	82	1947	30	1968	55	2002	60	41	50	15	0
14	46	1982	84	1947	32	1977	53	1989	60	42	51	14	0
15	48	1963	82	1990	31	1967	52	1990	61	42	51	14	0
16	45	1967	81	1947	32	1964	54	1992	61	42	51	14	0
17	47	1963	78	1983	31	1977	52	1990	61	42	51	13	0
18	47	1961	80	1962	30	1964	51	1994	61	42	51	13	0
19	47	1961	80	1956	31	1982	56	1989	61	42	51	13	0
20	42	1963	84	1956	33	1975	52	1983	61	42	51	13	0
21	48	1960	77	1982	29	1951	54	1956	62	43	52	12	0
22	43	1961	79	1982	30	1972	52	1981	62	43	53	11	0
23	46	1960	79	1995	34	1954	51	1996	62	43	53	11	0
24	48	1963	79	1999	32	1950	54	1992	62	43	53	11	< 1
25	50	1970	82	2001	32	1955	54	1978	62	43	53	11	< 1
26	48	1950	86	1947	34	1970	52	2001	63	44	54	11	< 1
27	48	1955	86	1987	32	1948	56	1992	63	44	54	11	< 1
28	49	1972	82	1998	34	1973	56	1992	63	44	54	11	< 1
29	49	1954	87	1957	33	1952	55	1992	63	44	54	11	0
30	50	1964	90	1998	33	1986	57	1998	63	44	54	11	0
APRIL EXTREMES (most recent occurrence)									Normal Monthly Average²				
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	
42	1963	90	1998	29	1955	57	1998	60.5	41.9	51.2	400	1	

¹ Climatic Normals derived from the 1971-2000 data set.

² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

**MAY DAILY TEMPERATURE DATA for PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹																																												
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																								
1	49	1964	85	1998	29	1954	53	1998	64	44	54	10	0																																								
2	52	1955	89	1945	32	1964	56	1946	64	44	54	10	0																																								
3	50	1961	89	1992	33	1964	55	1998	64	44	54	10	0																																								
4	52	1950	89	1992	34	1962	58	1989	64	44	54	10	0																																								
5	51	1965	87	1992	35	1978	56	1989	64	45	54	10	0																																								
6	49	1962	91	1987	36	1965	56	1974	65	45	55	10	0																																								
7	50	1999	93	1987	36	1965	57	1987	65	46	55	10	0																																								
8	51	1999	92	1987	35	1965	58	1987	65	46	55	10	0																																								
9	52	1998	86	1987	36	1955	56	1987	65	46	55	10	0																																								
10	50	2000	85	1993	37	1999	54	1960	66	46	56	9	0																																								
11	55	1986	91	1971	37	1985	54	1997	66	46	56	9	0																																								
12	54	1999	87	1973	37	1985	55	1997	66	47	56	9	0																																								
13	54	1999	92	1973	36	1963	56	1981	66	47	56	9	0																																								
14	55	1978	86	1973	33	1964	60	1997	66	47	56	8	0																																								
15	53	1966	86	1970	36	1964	58	1997	67	47	57	7	0																																								
16	51	1998	88	1985	40	1950	54	1997	67	47	57	7	0																																								
17	52	1991	89	1958	37	1966	55	1973	67	48	57	7	0																																								
18	52	1974	86	1963	41	2001	58	1993	67	49	58	7	1																																								
19	55	1976	91	1961	41	1982	58	1958	67	49	58	7	1																																								
20	54	1960	91	1963	37	1975	56	1985	67	49	58	7	1																																								
21	52	1960	87	1988	38	1955	57	1958	68	49	58	7	1																																								
22	55	1980	95	2001	33	1960	57	1958	68	49	59	6	1																																								
23	53	1953	90	1947	35	1964	59	1985	68	49	59	6	1																																								
24	55	1962	93	1992	37	1955	58	1981	69	50	60	6	1																																								
25	56	1960	90	1947	38	1975	61	1992	69	50	60	6	1																																								
26	56	1980	92	1947	41	1973	60	1958	69	50	60	6	1																																								
27	57	1989	90	1944	39	1966	58	1958	69	50	60	6	1																																								
28	58	1996	100	1983	38	1954	62	1983	69	50	60	6	1																																								
29	54	1954	90	1973	41	1978	61	1983	69	50	60	6	1																																								
30	53	1976	91	1986	40	1955	61	1997	69	50	60	6	1																																								
31	54	1971	93	2001	39	1966	62	1986	70	50	60	6	1																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="8">MAY EXTREMES (most recent occurrence)</th> <th colspan="6">Normal Monthly Average²</th> </tr> <tr> <th>MIN</th><th>Year</th><th>MAX</th><th>Year</th><th>MIN</th><th>Year</th><th>MAX</th><th>Year</th> <th>MAX</th><th>MIN</th><th>Mean</th><th>HDD</th><th>CDD</th> </tr> </thead> <tbody> <tr> <td>49</td><td>1962</td><td>100</td><td>1983</td><td>29</td><td>1954</td><td>62</td><td>1986</td> <td>66.7</td><td>47.5</td><td>57.1</td><td>243</td><td>14</td> </tr> </tbody> </table>														MAY EXTREMES (most recent occurrence)								Normal Monthly Average ²						MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	49	1962	100	1983	29	1954	62	1986	66.7	47.5	57.1	243	14
MAY EXTREMES (most recent occurrence)								Normal Monthly Average ²																																													
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																									
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² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

DAILY TEMPERATURES

**JUNE DAILY TEMPERATURE DATA for PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹				
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD
1	56	1985	94	1970	39	1966	58	1986	70	50	60	5	1
2	58	1980	98	1970	41	1977	59	1961	70	50	60	5	1
3	56	1962	91	1987	42	1976	58	1996	70	50	60	5	1
4	55	1963	90	1978	42	1966	61	1969	70	50	60	5	1
5	57	1956	92	1958	41	1966	60	1978	70	50	60	5	1
6	57	1999	90	1948	45	1962	59	1977	71	51	61	5	1
7	54	1950	93	1948	44	1979	67	1948	71	52	61	5	1
8	53	1964	94	1955	45	2002	68	1948	71	52	61	4	1
9	61	2000	95	1955	44	1962	64	1955	71	52	61	4	1
10	59	2000	90	1982	44	1973	58	1969	71	52	61	4	1
11	54	1952	95	1941	44	1952	60	1986	72	52	62	4	1
12	56	1943	93	2002	42	1965	61	1999	72	52	62	4	1
13	56	1980	97	2002	42	1976	60	1999	72	53	62	3	1
14	57	1952	89	1988	43	1945	62	1999	72	53	62	3	1
15	60	1954	95	1966	45	1959	60	1969	72	53	62	3	1
16	59	1944	95	1958	44	1955	60	1969	73	53	63	3	1
17	59	1996	97	1969	42	1991	63	1961	73	53	63	3	1
18	61	1998	100	1982	43	1954	62	1982	73	53	63	2	1
19	61	1964	95	1982	45	1955	64	1982	73	53	63	2	1
20	55	1991	95	1970	44	1964	62	1958	73	53	63	2	1
21	60	1991	96	1992	45	1942	63	1970	74	53	64	2	2
22	61	1997	100	1992	46	1945	63	1958	75	54	65	2	2
23	60	1950	97	1992	46	1985	64	1992	75	54	65	2	2
24	58	1975	96	1992	46	1971	62	1992	75	54	65	2	2
25	58	1942	95	1987	44	1976	64	1973	75	54	65	2	2
26	58	1975	94	1987	45	1976	66	1973	75	54	65	2	2
27	61	1975	98	2000	41	1965	62	1984	75	54	65	2	2
28	60	1971	95	1951	42	1964	64	1948	76	55	66	2	2
29	57	1963	97	1951	45	1971	68	1948	76	55	66	2	2
30	64	1989	100	1942	41	1949	62	1942	76	55	66	2	2
JUNE EXTREMES (most recent occurrence)									Normal Monthly Average²				
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	
53	1964	100	1992	39	1966	68	1948	72.7	52.6	62.7	96	43	

¹ Climatic Normals derived from the 1971-2000 data set.

² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

**JULY DAILY TEMPERATURE DATA for PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹				
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD
1	60	1966	105	1942	48	1963	64	1942	77	55	66	1	3
2	60	1966	102	1942	43	1955	62	1942	77	55	66	1	3
3	60	1980	99	1970	45	1954	65	1942	77	56	66	1	3
4	61	1964	97	1972	48	1977	63	1985	77	56	66	1	3
5	62	1988	94	1960	49	1988	61	1975	78	56	67	1	3
6	64	1981	97	1960	46	1977	63	1997	79	56	67	1	3
7	61	1963	93	1996	46	1971	63	1985	79	56	67	1	3
8	63	1955	98	1952	45	1981	62	1997	79	56	67	1	3
9	64	1974	96	1985	47	1964	65	1985	79	56	67	1	3
10	65	1971	98	2002	48	1960	64	1985	79	56	68	1	4
11	65	1956	104	1961	48	1960	66	1990	79	57	68	1	4
12	68	1993	102	1961	47	1943	65	1996	79	57	68	1	4
13	67	1962	101	1941	48	1968	66	1996	79	57	68	1	4
14	66	1964	103	1941	51	1969	66	1996	79	57	68	1	5
15	64	2001	103	1941	48	1943	65	1941	80	57	69	1	5
16	65	1989	104	1979	49	1968	70	1941	80	57	69	1	5
17	61	1996	102	1979	49	1955	74	1941	80	57	69	1	5
18	67	1996	104	1944	47	1986	66	1995	80	57	69	1	5
19	64	1968	102	1994	48	1964	66	1985	80	57	69	1	5
20	60	1954	103	1994	49	1950	66	1971	80	57	69	1	5
21	67	1952	101	1994	50	1984	65	1980	80	57	69	1	5
22	65	1992	98	1978	49	1954	68	1994	80	58	69	0	5
23	68	1949	100	1991	46	1963	65	2002	80	58	69	0	5
24	66	1993	100	1984	50	1973	68	1996	80	58	69	0	5
25	67	1949	100	1988	49	1963	67	1975	80	58	69	0	5
26	68	1989	99	1998	48	1953	67	1960	80	58	69	0	5
27	67	1986	102	1958	47	1959	72	1998	80	58	69	0	5
28	65	1975	101	1998	50	1963	70	1998	80	58	69	0	5
29	65	2001	99	1990	50	1956	65	1974	80	58	69	0	5
30	65	1982	107	1965	47	1945	64	2000	80	58	69	0	5
31	68	1989	102	1965	48	1956	66	1948	80	58	69	0	5
JULY EXTREMES (most recent occurrence)									Normal Monthly Average²				
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	
60	1980	107	1965	43	1955	74	1941	79.3	56.9	68.1	21	133	

¹ Climatic Normals derived from the 1971-2000 data set.

² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

DAILY TEMPERATURE

**AUGUST DAILY TEMPERATURE DATA For PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹																																												
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																								
1	61	1989	93	1986	47	1963	66	1949	80	58	69	0	5																																								
2	58	1956	96	1986	50	1959	62	1993	80	58	69	0	5																																								
3	65	1953	99	1952	47	1950	65	1947	80	58	69	0	5																																								
4	64	1954	100	1990	51	1954	66	1993	80	58	69	0	5																																								
5	69	1954	100	1945	48	1960	64	1990	80	58	69	0	5																																								
6	65	1976	102	1972	49	1975	67	1997	80	58	69	0	5																																								
7	63	1976	104	1972	49	1974	65	1991	80	58	69	0	5																																								
8	68	1953	107	1981	49	1970	67	1991	80	58	69	0	5																																								
9	65	1982	105	1981	48	1954	67	1981	80	58	69	0	5																																								
10	68	1995	107	1981	50	1964	66	1996	80	58	69	0	5																																								
11	65	1941	102	1977	50	1966	65	1990	80	58	69	1	5																																								
12	68	1955	104	1977	49	1957	66	1992	80	58	69	1	5																																								
13	61	1976	102	2002	45	1949	65	1998	80	58	69	1	5																																								
14	69	1999	97	1967	47	1982	66	1998	80	58	69	1	5																																								
15	63	1976	98	1967	51	1989	65	1950	80	58	69	1	5																																								
16	66	1978	102	1977	47	1969	63	1979	80	57	69	1	5																																								
17	68	1975	105	1977	45	1970	66	1977	80	57	69	1	5																																								
18	65	1975	93	1946	45	1973	62	1997	80	57	68	1	5																																								
19	64	1974	94	1967	46	1947	64	1993	80	57	68	1	5																																								
20	65	1978	95	1986	46	1959	64	1982	80	57	68	1	5																																								
21	66	2002	95	1945	45	1955	64	1967	80	57	68	1	5																																								
22	66	1960	98	1942	47	1973	63	1965	79	57	68	1	4																																								
23	63	1960	101	1988	48	1951	62	1965	79	57	68	1	4																																								
24	60	1963	99	1982	47	1992	66	1985	79	57	68	1	4																																								
25	62	1977	94	1967	47	1957	68	1996	79	57	68	1	4																																								
26	64	1960	100	1986	46	1962	63	2002	79	56	68	1	4																																								
27	60	1964	97	1972	47	1964	66	1986	79	56	68	1	4																																								
28	60	1953	102	1967	45	1980	66	1972	79	56	68	1	4																																								
29	65	1999	95	1944	44	1980	63	2001	79	56	68	1	4																																								
30	62	1973	98	1987	46	1951	63	1996	79	56	68	1	4																																								
31	65	1999	102	1987	44	1951	66	1987	78	56	67	1	4																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="8">AUGUST EXTREMES (most recent occurrence)</th> <th colspan="6">Normal Monthly Average²</th> </tr> <tr> <th>MIN</th><th>Year</th><th>MAX</th><th>Year</th><th>MIN</th><th>Year</th><th>MAX</th><th>Year</th> <th>MAX</th><th>MIN</th><th>Mean</th><th>HDD</th><th>CDD</th> </tr> </thead> <tbody> <tr> <td>58</td><td>1956</td><td>107</td><td>1981</td><td>44</td><td>1980</td><td>68</td><td>1996</td> <td>79.7</td><td>57.3</td><td>68.5</td><td>21</td><td>145</td> </tr> </tbody> </table>														AUGUST EXTREMES (most recent occurrence)								Normal Monthly Average ²						MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	58	1956	107	1981	44	1980	68	1996	79.7	57.3	68.5	21	145
AUGUST EXTREMES (most recent occurrence)								Normal Monthly Average ²																																													
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																									
58	1956	107	1981	44	1980	68	1996	79.7	57.3	68.5	21	145																																									

¹ Climatic Normals derived from the 1971-2000 data set.

² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

**SEPTEMBER DAILY TEMPERATURE DATA for PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹																																												
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																								
1	61	1960	98	1988	44	1973	63	1998	78	56	67	1	4																																								
2	62	2000	105	1988	42	1960	63	1997	78	55	67	1	3																																								
3	62	1969	93	1988	45	1980	63	1998	78	55	67	1	3																																								
4	62	1978	98	1955	43	1956	62	1977	78	55	66	1	3																																								
5	63	1970	101	1944	44	1956	62	1985	78	55	66	1	2																																								
6	65	1995	97	1958	45	1960	60	1990	78	55	66	1	2																																								
7	63	1955	99	1981	42	1992	61	1990	78	55	66	1	2																																								
8	61	1978	93	1993	42	1961	64	1984	77	54	66	1	2																																								
9	65	1982	94	1948	42	1962	59	1997	76	54	65	1	2																																								
10	62	1962	98	1944	42	1964	63	1997	76	54	65	1	2																																								
11	60	1982	90	1975	43	1964	61	1997	76	54	65	1	2																																								
12	64	1960	92	1975	41	1955	60	2001	76	53	65	2	2																																								
13	59	1980	93	1999	37	1970	61	1961	75	53	64	2	2																																								
14	60	1992	92	1995	42	1992	64	2000	75	53	64	2	2																																								
15	57	1955	96	1981	40	1970	62	2001	75	53	64	2	2																																								
16	60	1985	92	1994	41	1965	61	2000	75	52	64	3	2																																								
17	58	1944	93	1962	34	1965	59	1994	74	52	63	3	2																																								
18	61	1972	93	1991	36	1965	61	2000	74	52	63	3	1																																								
19	57	1968	93	1974	39	1957	62	2000	74	52	63	3	1																																								
20	59	1982	96	1952	39	1957	60	1967	74	52	63	3	1																																								
21	62	1959	94	1952	39	1964	62	1995	73	51	62	3	1																																								
22	57	1948	93	1994	34	1961	59	1953	73	51	62	3	1																																								
23	54	1948	94	1974	40	2000	59	1969	73	51	62	4	1																																								
24	59	1949	96	1974	36	1970	61	1982	72	50	61	4	1																																								
25	59	1986	94	1991	38	1955	60	2002	72	50	61	4	1																																								
26	55	1948	92	1967	38	1961	58	1994	71	50	61	5	1																																								
27	60	1955	94	1967	37	1961	60	1976	71	50	61	5	1																																								
28	57	1971	89	1989	37	1983	60	1994	71	49	60	5	1																																								
29	56	1971	89	1993	37	1954	60	2000	70	49	60	5	1																																								
30	56	2002	88	1987	35	1954	63	2000	70	49	60	6	1																																								
<table border="1"> <thead> <tr> <th colspan="8">SEPTEMBER EXTREMES (most recent occurrence)</th> <th colspan="6">Normal Monthly Average²</th> </tr> <tr> <th>MIN</th> <th>Year</th> <th>MAX</th> <th>Year</th> <th>MIN</th> <th>Year</th> <th>MAX</th> <th>Year</th> <th>MAX</th> <th>MIN</th> <th>Mean</th> <th>HDD</th> <th>CDD</th> </tr> </thead> <tbody> <tr> <td>54</td> <td>1948</td> <td>105</td> <td>1988</td> <td>34</td> <td>1965</td> <td>64</td> <td>1984</td> <td>74.6</td> <td>52.5</td> <td>63.6</td> <td>78</td> <td>52</td> </tr> </tbody> </table>														SEPTEMBER EXTREMES (most recent occurrence)								Normal Monthly Average ²						MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	54	1948	105	1988	34	1965	64	1984	74.6	52.5	63.6	78	52
SEPTEMBER EXTREMES (most recent occurrence)								Normal Monthly Average ²																																													
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																									
54	1948	105	1988	34	1965	64	1984	74.6	52.5	63.6	78	52																																									

¹ Climatic Normals derived from the 1971-2000 data set.

² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

DAILY TEMPERATURE

**OCTOBER DAILY TEMPERATURE DATA For PORTLAND
(1941-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹				
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD
1	60	1953	92	1987	33	1950	59	1951	70	49	59	6	< 1
2	54	1950	90	1970	37	1954	58	1951	70	49	59	7	< 1
3	56	1950	86	1979	38	1964	60	1947	69	48	58	7	< 1
4	54	1957	84	1952	37	1977	58	1996	68	48	58	7	< 1
5	55	1948	90	1980	37	1972	56	1965	68	48	58	7	0
6	55	1957	89	1952	37	1974	58	1984	67	48	57	7	0
7	54	1949	82	1987	33	1970	61	1979	67	48	57	7	0
8	54	1997	82	1971	32	1985	57	1984	67	47	57	8	0
9	55	1997	83	1996	30	1985	58	1953	66	46	56	8	0
10	53	1959	85	1991	35	1960	58	1996	66	46	56	8	0
11	55	1960	86	1991	37	1990	56	1988	65	46	56	9	0
12	51	1968	76	1982	39	2002	56	1988	65	46	56	9	0
13	56	1966	78	1991	35	1966	56	1988	65	45	55	9	0
14	52	1984	82	1991	31	1969	58	1988	64	45	55	9	0
15	50	1984	80	1991	33	1992	60	1988	64	45	55	10	0
16	51	1950	80	2002	30	1946	57	1988	63	45	54	10	0
17	51	1971	79	1952	33	1971	54	1997	63	45	54	10	0
18	51	1984	78	1978	31	1949	55	1992	62	45	54	11	0
19	50	1996	75	1999	27	1949	55	1992	62	44	53	11	0
20	50	1984	74	1987	28	1949	56	2002	62	44	53	11	0
21	47	1961	73	1965	30	1949	55	1963	61	44	53	12	0
22	50	1991	75	1965	33	1980	57	1944	60	44	52	12	0
23	48	1943	74	1965	32	1964	57	1959	60	44	52	12	0
24	50	1956	73	1974	30	1958	53	1985	60	43	52	13	0
25	46	1949	74	1965	34	2002	57	1986	59	43	51	13	0
26	48	1970	74	1987	30	1963	57	1986	59	43	51	14	0
27	45	1956	75	1944	31	1970	55	1981	59	43	51	14	0
28	43	1991	69	1987	26	1946	52	1969	58	43	51	14	0
29	47	1991	71	1993	26	1971	52	1997	58	42	50	14	0
30	46	1971	69	1988	27	1991	56	1987	58	42	50	15	0
31	44	1955	71	1954	28	1995	55	1987	57	42	50	15	0
OCTOBER EXTREMES (most recent occurrence)									Normal Monthly Average²				
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	
43	1991	92	1987	26	1971	61	1979	63.3	45.2	54.3	319	2	

¹ Climatic Normals derived from the 1971-2000 data set.

² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

**NOVEMBER DAILY TEMPERATURE DATA For PORTLAND
(1940-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹				
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD
1	42	1984	70	1969	31	1978	54	1983	57	42	49	15	0
2	50	1991	68	1976	27	2002	56	1985	57	42	49	16	0
3	46	1994	73	1975	27	2002	54	1980	57	42	49	16	0
4	45	1973	69	1980	27	1957	54	1997	57	42	49	16	0
5	40	1973	68	1987	28	1971	51	1944	56	41	48	16	0
6	44	1945	67	1980	27	1971	54	1979	55	41	48	16	0
7	43	1945	66	1941	29	1959	53	1995	54	41	48	16	0
8	44	1964	64	1976	27	1977	50	1970	54	41	48	17	0
9	45	1964	65	1987	28	1959	57	1990	53	41	47	17	0
10	42	1985	65	1989	25	1978	53	1989	53	41	47	17	0
11	41	1948	64	1989	26	1955	56	1989	53	41	47	17	0
12	28	1955	66	1974	19	1978	53	1999	53	40	47	18	0
13	30	1955	71	1999	18	1978	51	1999	52	40	46	18	0
14	27	1955	67	2001	15	1955	58	2001	52	40	46	18	0
15	26	1955	62	2001	13	1955	53	1995	52	40	46	19	0
16	25	1955	68	1976	20	1955	52	1983	51	40	46	19	0
17	28	1955	61	1995	23	1961	52	1995	51	40	45	19	0
18	37	1994	60	1995	24	2000	51	1954	51	39	45	19	0
19	38	1978	62	1965	25	1956	49	1965	51	39	45	20	0
20	35	1978	63	2002	25	1964	52	1998	50	39	45	20	0
21	35	1977	62	1954	23	1952	49	1965	49	39	44	20	0
22	31	1985	59	1968	20	1985	50	2002	49	39	44	20	0
23	27	1985	63	1959	17	1985	55	1959	49	39	44	21	0
24	25	1985	64	1949	13	1985	58	1949	49	38	44	21	0
25	29	1985	63	1977	20	1985	53	1999	49	38	44	21	0
26	38	1993	61	1949	18	1952	52	1949	48	38	43	21	0
27	38	1985	63	1947	20	1952	48	1983	48	38	43	21	0
28	27	1985	58	1995	20	1952	56	1995	48	38	43	22	0
29	26	1985	58	1995	21	1985	54	1995	48	37	43	22	0
30	26	1985	58	1941	22	1985	52	1995	48	37	43	22	0
NOVEMBER EXTREMES (most recent occurrence)									Normal Monthly Average²				
MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	
25	1985	73	1975	13	1985	58	2001	51.8	39.8	45.8	560	0	

¹ Climatic Normals derived from the 1971-2000 data set.

² HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.

DAILY TEMPERATURE

**DECEMBER DAILY TEMPERATURE DATA for PORTLAND
(1940-2002)**

Day	Maximum Temperatures				Minimum Temperatures				Climate Normals ¹																																												
	MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD																																								
1	24	1985	62	1958	20	1985	54	1975	48	37	42	22	0																																								
2	41	1983	62	1958	23	1985	55	1975	48	37	42	22	0																																								
3	37	1969	62	1979	28	1988	53	1975	48	37	42	22	0																																								
4	32	1972	64	1945	23	1972	46	1989	48	36	42	22	0																																								
5	27	1972	59	1970	20	1972	49	1991	48	36	42	23	0																																								
6	27	1972	60	1988	22	1972	47	1989	47	36	41	23	0																																								
7	25	1972	58	1970	17	1972	44	1946	46	36	41	23	0																																								
8	26	1972	59	1975	8	1972	46	1991	46	36	41	23	0																																								
9	28	1972	60	1987	15	1972	46	1988	46	36	41	24	0																																								
10	28	1972	65	1993	16	1972	50	1956	46	36	41	24	0																																								
11	24	1972	61	1955	16	1972	48	1977	46	35	41	24	0																																								
12	31	1972	63	1995	14	1972	49	1998	45	35	40	24	0																																								
13	32	1972	61	1977	18	1972	50	1946	45	35	40	24	0																																								
14	34	1961	60	2002	23	1972	50	1979	45	35	40	24	0																																								
15	30	1972	59	1959	23	1972	48	1999	45	35	40	25	0																																								
16	32	1964	60	1974	6	1964	48	1999	45	35	40	25	0																																								
17	17	1964	58	1999	7	1964	49	1999	45	35	40	25	0																																								
18	17	1964	58	1972	11	1964	46	1999	45	35	40	25	0																																								
19	28	1964	59	1972	14	1964	48	1972	45	34	40	25	0																																								
20	19	1990	59	1974	13	1967	51	1974	45	34	40	25	0																																								
21	20	1990	61	1972	12	1990	50	1972	45	34	40	25	0																																								
22	21	1990	59	1964	13	1990	50	1950	44	34	39	25	0																																								
23	20	1983	64	1950	11	1998	47	1950	44	34	39	25	0																																								
24	23	1983	60	1980	15	1990	47	1950	44	34	39	25	0																																								
25	31	1983	64	1980	19	1990	60	1980	44	34	39	26	0																																								
26	34	1983	63	1980	22	1983	55	1980	44	34	39	26	0																																								
27	33	1948	61	1980	23	1971	47	1994	44	34	39	26	0																																								
28	33	1983	58	1945	19	1990	50	1998	44	34	39	26	0																																								
29	22	1990	58	1950	14	1990	52	1998	44	34	39	26	0																																								
30	14	1968	60	1980	8	1968	49	1980	44	34	39	26	0																																								
31	19	1978	58	1996	9	1968	45	1996	44	34	39	26	0																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="8">DECEMBER EXTREMES (most recent occurrence)</th> <th colspan="6">Normal Monthly Average²</th> </tr> <tr> <th>MIN</th><th>Year</th><th>MAX</th><th>Year</th><th>MIN</th><th>Year</th><th>MAX</th><th>Year</th><th>MAX</th><th>MIN</th><th>Mean</th><th>HDD</th><th>CDD</th> </tr> </thead> <tbody> <tr> <td>14</td><td>1968</td><td>65</td><td>1993</td><td>6</td><td>1964</td><td>60</td><td>1980</td><td>45.4</td><td>35.0</td><td>40.2</td><td>756</td><td>0</td> </tr> </tbody> </table>														DECEMBER EXTREMES (most recent occurrence)								Normal Monthly Average ²						MIN	Year	MAX	Year	MIN	Year	MAX	Year	MAX	MIN	Mean	HDD	CDD	14	1968	65	1993	6	1964	60	1980	45.4	35.0	40.2	756	0
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¹Climatic Normals derived from the 1971-2000 data set.

²HDD (heating degree days) and CDD (cooling degree days) daily and monthly averages are based on actual occurrences.