


# Mean Temperature

WASHINGTON DC  
Maryland - United States

WBAN: 13743 Height: 38.85 N 5 m 77.03 W 

| year | january            | february           | march                              | april                | may                  | june                 | july                 | august               | september            | october              | november            | december            | year                 |
|------|--------------------|--------------------|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|----------------------|
| 1976 | 1.0                | 8.3                | 10.7 <sup>54</sup>                 | 15.5                 | 18.3                 | 25.3                 | 25.8                 | 24.8                 | 21.3                 | 13.0                 | 6.1                 | 1.9                 | 14.3                 |
| 1977 | -3.7               | 3.8                | 11.5 <sup>178</sup>                | 15.6                 | 20.8                 | 23.5                 | 27.1                 | 26.0                 | 23.3                 | 15.0                 | 11.0                | 3.3                 | 14.8                 |
| 1978 | 0.2                | -0.3               | 6.9 <sup>116</sup>                 | 14.3                 | 18.8                 | 24.8                 | 26.0                 | 27.4                 | 23.1                 | 15.2                 | 11.2                | 6.2                 | 14.5                 |
| 1979 | 1.7                | -2.0               | 10.8 <sup>133</sup>                | 13.3                 | 19.8                 | 22.5                 | 25.9                 | 25.8                 | 22.0                 | 14.8                 | 12.5                | 6.5                 | 14.5                 |
| 1980 | 2.9 <sup>1.8</sup> | 2.3 <sup>3.0</sup> | 7.9 <sup>52</sup> <sup>7.7</sup>   | 15.6 <sup>13.7</sup> | 20.8 <sup>18.9</sup> | 23.8 <sup>23.8</sup> | 28.0 <sup>26.0</sup> | 28.2 <sup>25.3</sup> | 25.1 <sup>21.7</sup> | 15.5 <sup>15.2</sup> | 9.2 <sup>9.2</sup>  | 4.3 <sup>3.9</sup>  | 15.3 <sup>14.2</sup> |
| 1981 | 0.5                | 6.5                | 8.7 <sup>108</sup>                 | 16.7                 | 19.0                 | 25.9                 | 26.8                 | 25.0                 | 21.7                 | 14.6                 | 10.7                | 3.6                 | 15.0                 |
| 1982 | -2.2               | 3.5                | 7.6 <sup>134</sup>                 | 12.2                 | 20.6                 | 22.7                 | 26.8                 | 24.1                 | 21.5                 | 15.6                 | 11.0                | 7.5                 | 14.2                 |
| 1983 | 3.4                | 3.7                | 9.3 <sup>27</sup>                  | 11.8                 | 18.3                 | 23.9                 | 27.3                 | 27.2                 | 22.6                 | 15.8                 | 10.2                | 2.2                 | 14.6                 |
| 1984 | 0.1                | 6.5                | 5.5 <sup>122</sup>                 | 12.7                 | 18.3                 | 24.9                 | 24.7                 | 25.5                 | 20.1                 | 18.4                 | 7.8                 | 7.5                 | 14.3                 |
| 1985 | -0.7               | 3.2                | 8.7 <sup>93</sup>                  | 16.4                 | 20.0                 | 22.4                 | 26.1                 | 24.9                 | 22.1                 | 16.2                 | 12.4                | 2.4                 | 14.5                 |
| 1986 | 1.9                | 1.8                | 8.5 <sup>102</sup>                 | 13.5                 | 20.0                 | 24.8                 | 27.3                 | 23.7                 | 21.6                 | 16.2                 | 8.1                 | 4.3                 | 14.3                 |
| 1987 | 1.5                | 2.8                | 8.7 <sup>57</sup>                  | 12.7                 | 19.6                 | 24.6                 | 28.1                 | 25.9                 | 22.2                 | 12.4                 | 9.9                 | 5.3                 | 14.5                 |
| 1988 | -0.6               | 2.9                | 8.5 <sup>106</sup>                 | 12.4                 | 18.8                 | 23.6                 | 27.7                 | 27.0                 | 20.5                 | 12.4                 | 10.0                | 3.7                 | 13.9                 |
| 1989 | 4.4                | 3.2                | 7.8 <sup>51</sup>                  | 13.0                 | 17.8                 | 24.9                 | 25.7                 | 25.0                 | 21.9                 | 15.8                 | 8.8                 | -2.3                | 13.8                 |
| 1990 | 6.4 <sup>1.4</sup> | 7.3 <sup>3.0</sup> | 10.1 <sup>111</sup> <sup>8.3</sup> | 13.8 <sup>13.5</sup> | 17.9 <sup>19.0</sup> | 23.9 <sup>23.8</sup> | 26.3 <sup>26.3</sup> | 24.7 <sup>25.5</sup> | 20.9 <sup>21.8</sup> | 17.1 <sup>15.3</sup> | 11.1 <sup>9.8</sup> | 6.9 <sup>4.1</sup>  | 15.5 <sup>14.3</sup> |
| 1991 | 3.6                | 6.1                | 9.3 <sup>23</sup>                  | 14.5                 | 22.8                 | 24.9                 | 27.5                 | 26.7                 | 21.7                 | 15.8                 | 9.3                 | 5.7                 | 15.7                 |
| 1992 | 3.4                | 5.1                | 7.2 <sup>30</sup>                  | 13.0                 | 16.8                 | 22.0                 | 26.4                 | 23.3                 | 20.6                 | 13.3                 | 9.3                 | 4.2                 | 13.7                 |
| 1993 | 4.3                | 1.3                | 5.7 <sup>49</sup>                  | 12.6                 | 19.7                 | 24.0                 | 28.4                 | 26.4                 | 21.6                 | 14.5                 | 9.3                 | 3.4                 | 14.3                 |
| 1994 | -1.8               | 2.4                | 7.4 <sup>143</sup>                 | 16.6                 | 17.3                 | 26.3                 | 27.7                 | 24.1                 | 21.2                 | 15.0                 | 11.9                | 6.8                 | 14.6                 |
| 1995 | 4.2                | 1.3                | 9.5 <sup>55</sup>                  | 13.5                 | 18.8                 | 23.7                 | 27.5                 | 27.4                 | 21.6                 | 16.8                 | 6.2                 | 2.0                 | 14.4                 |
| 1996 | 0.5                | 2.9                | 6.1 <sup>133</sup>                 | 13.8                 | 17.7                 | 25.1                 | 25.3                 | 24.7                 | 21.4                 | 15.2                 | 6.7                 | 6.1                 | 13.8                 |
| 1997 | 2.8                | 7.0                | 9.3 <sup>41</sup>                  | 12.2                 | 17.2                 | 22.8                 | 26.9                 | 25.3                 | 21.3                 | 15.3                 | 7.9                 | 5.0                 | 14.4                 |
| 1998 | 6.1                | 6.3                | 8.3 <sup>7</sup>                   | 14.1                 | 19.7                 | 22.8                 | 26.0                 | 26.4                 | 24.1                 | 15.6                 | 10.2                | 6.9                 | 15.5(*)              |
| 1999 | 3.4                | 5.0                | 6.9 <sup>57</sup>                  | 13.6                 | 19.6                 | 23.7                 | 28.3                 | 26.5                 | 21.1                 | 14.0                 | 11.7                | 5.5                 | 14.9(*)              |
| 2000 | 2.1 <sup>2.1</sup> | 5.8 <sup>3.8</sup> | 10.9 <sup>59</sup> <sup>8.4</sup>  | 13.1 <sup>13.7</sup> | 19.9 <sup>19.0</sup> | 23.7 <sup>23.9</sup> | 23.7 <sup>26.6</sup> | 23.9 <sup>25.6</sup> | 19.8 <sup>21.8</sup> | 15.6 <sup>15.3</sup> | 8.1 <sup>9.7</sup>  | -0.1 <sup>4.6</sup> | 13.9 <sup>14.6</sup> |
| 2001 | 2.0                | 4.9                | 6.5 <sup>66</sup>                  | 14.2                 | 18.8                 | 24.0                 | 24.0                 | 26.1                 | 20.5                 | 15.4                 | 12.7                | 7.5                 | 14.7                 |
| 2002 | 5.4                | 5.9                | 8.7 <sup>12</sup>                  | 15.5                 | 18.4                 | 24.5                 | 27.2                 | 27.3                 | 22.8                 | 14.8                 | 8.4                 | 2.9                 | 15.1                 |
| 2003 | -0.5               | 0.9                | 8.4 <sup>96</sup>                  | 12.8                 | 16.5                 | 21.8                 | 25.4                 | 26.0                 | 21.4                 | 14.1                 | 11.7                | 4.0                 | 13.5                 |
| 2004 | -0.8               | 3.4                | 9.3 <sup>100</sup>                 | 14.1                 | 22.1                 | 23.0                 | 25.8                 | 24.4                 | 22.0                 | 14.6                 | 10.6                | 4.5                 | 14.4                 |
| 2005 | 2.3                | 4.2                | 6.1 <sup>84</sup>                  | 14.1                 | 16.6                 | 24.3                 | 26.9                 | 26.7                 | 23.9                 | 15.8                 | 10.1                | 2.4                 | 14.4                 |
| 2006 | 6.1                | 3.7                | 8.8 <sup>23</sup>                  | 15.3                 | 18.4                 | 23.6                 | 26.9                 | 27.0                 | 19.9                 | 14.0                 | 10.4                | 6.8                 | 15.1                 |
| 2007 | 4.8                | -0.6               | 8.7 <sup>86</sup>                  | 12.0                 | 19.9                 | 24.5                 | 26.2                 | 26.5                 | 22.7                 | 19.5                 | 9.9                 | 5.4                 | 15.0                 |
| 2008 | 4.4                | 5.0                | 9.4 <sup>23</sup>                  | 14.9                 | 18.2                 | 25.5                 | 27.1                 | 25.5                 | 23.3                 | 14.9                 | 8.1                 | 4.6                 | 15.1                 |
| 2009 | -0.2               | 4.3                | 7.3 <sup>82</sup>                  | 13.9                 | 18.6                 | 23.1                 | 24.9                 | 26.6                 | 21.2                 | 14.7                 | 11.2                | 3.3                 | 14.1                 |
| 2010 | 1.8 <sup>2.3</sup> | 1.2 <sup>3.9</sup> | 10.7 <sup>63</sup> <sup>8.3</sup>  | 16.0 <sup>13.8</sup> | 20.7 <sup>18.9</sup> | 27.0 <sup>24.1</sup> | 28.4 <sup>26.6</sup> | 26.7 <sup>25.7</sup> | 24.2 <sup>21.7</sup> | 16.4 <sup>15.3</sup> | 10.2 <sup>9.8</sup> | 1.5 <sup>4.3</sup>  | 15.4 <sup>14.6</sup> |
| 2011 | 0.9                | 5.4                | 7.6 <sup>42</sup>                  | 14.9                 | 20.2                 | 26.0                 | 29.2                 | 26.6                 | 21.8                 | 14.6                 | 11.4                | 7.2                 | 15.5                 |
| 2012 | 4.9                | 6.9                | 13.8 <sup>9</sup>                  | 14.6                 | 21.9                 | 24.6                 | 28.9                 | 27.2                 | 22.3                 | 16.1                 | 8.1                 | 7.4                 | 16.4                 |
| 2013 | 4.6                | 3.5                | 6.6 <sup>28</sup>                  | 14.9                 | 19.3                 | 24.7                 | 27.4                 | 25.0                 | 21.8                 | 16.9                 | 8.1                 | 5.7                 | 14.9                 |
| 2014 | 0.2                | 3.3                | 6.1 <sup>100</sup>                 | 14.1                 | 20.3                 | 25.1                 | 26.3                 | 25.4                 | 23.2                 | 17.2                 | 8.9                 | 6.5                 | 14.7                 |
| 2015 | 2.0                | -0.9               | 7.4 <sup>98</sup>                  | 15.2                 | 22.9                 | 25.6                 | 27.5                 | 26.3                 | 23.8                 | 14.9                 | 12.0                | 10.7                | 15.6                 |

| Extremes | 25.0 30 2002  | 26.1 17 1976 | 31.7 12 1990 | 35.0 18 1976 | 37.2 31 1991 | 40.0 29 2012 | 40.6 7 2012  | 40.6 17 1997 | 38.3 2 1980  | 34.4 9 2007 | 28.3 15 1993 | 26.1 7 1998   |
|----------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|---------------|
| ^Tx      | 13.9 8 1998   | 15.0 17 1976 | 18.3 29 1989 | 20.0 23 1977 | 25.6 31 1991 | 27.8 30 1991 | 28.9 16 1983 | 27.2 3 2006  | 26.1 3 1993  | 22.8 4 1986 | 19.4 4 1977  | 15.6 24 2015  |
| vTx      | -13.3 19 1994 | -9.4 18 1979 | -6.1 1 1980  | 5.0 8 2003   | 11.1 12 2008 | 14.4 3 1997  | 20.0 29 2001 | 20.0 12 1979 | 11.1 28 1984 | 5.0 30 2002 | -0.6 30 1976 | -10.0 25 1983 |
| vTn      | -20.6 17 1982 | -10.0 6 1977 | -10.0 1 1980 | -2.2 6 1982  | 6.1 9 1977   | 14.4 13 1982 | 17.2 29 2001 | 19.4 1 1976  | 9.4 27 1984  | 3.9 30 2002 | -7.8 30 1976 | -16.1 25 1983 |

Hellmann Winter Number  ↑ Snow depth indicated. Maximum snow depth 22 inch ( 56 cm) on February, 20 1979 \* Data snow depth not complete

Daily data taken from: [NOAA National Climatic Data Center](#)

Background color: daily mean temperature °C

Monthly averages taken from the Monthly Summaries of the Global Historical Climatology Network - Daily (GHCN-D) NOAA National Climatic Data Center.