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MINISTRY OF TRANSPORT

———— **TECHNICAL REPORT** ————  
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**The Climate of Denmark  
- Key Climatic Figures 2000-2002**

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**Front cover:**

The picture was taken a summer day early in the morning at Mossø near Skanderborg in Jutland.  
Photo: Tammes Jepsen, Bronzealdervej 108A, 8210 Århus V.

**Forsidebillede:**

Billedet er taget tidligt en sommermorgen ved Mossø i Jylland.  
Foto: Tammes Jepsen, Bronzealdervej 108A, 8210 Århus V.



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## Explanations of the tables „The Climate of Denmark“

In the following pages you can find key figures concerning the Climate of Denmark 2000-2002. Observations from app. 600 stations has been used to calculate the statistics. The mean values indicated are areally weighted averages for the country as a whole. This means that Jutland is weighted by a factor 7/10 and the rest of the country by 3/10.

For most of the weather elements the meteorological day (i.e. 24 hours) begins at 06 UTC, Danish time 08 or 07 a.m. depending on summer or winter time, thus ending 06 UTC the following day. In the table the date of the observed extremes, e.g. the highest maximum temperature, is determined as the date of the end of the meteorological day in question. As an example, the absolute highest maximum temperature in March may occur on 1. April. Furthermore the normal maximum and normal minimum temperature for the year as a whole will be more extreme than for the single months. This is because the normal extremes for the year are calculated from 30x365 days potential extremes whereas the normal extremes for the month are calculated from only 30x31 potential extremes.

Degree days (uncorrected) are computed in relation to daily mean temperatures for each location. Whenever the daily mean is higher or equal to 17 °C, the degree day number is always 0. The degree day is calculated as 17 minus the daily mean temperature and is given without decimals. Degree days in summer period are in brackets. This is because no normals are calculated for this parameter during June, July and August.

The most frequent wind direction is stated both as a direction and as percentage of all possible directions including calm. V51 means that the most frequent wind direction was from west and that this direction was registered in 51 % of all cases in the specific month.

## Forklaring til tabellerne „Danmarks klimaforhold“

På de efterfølgende sider er Danmarks Klimaforhold 2000-2002 præsenteret. Omkring 600 meteorologiske stationers målinger ligger til grund for tabellerne. De i tabellerne anførte middeltal er arealvægtede landsdækkende gennemsnit. Det skal forstås således, at gennemsnittet for Jylland vægtes med 7/10 og resten af Danmark med 3/10.

For de fleste vejrelementers vedkommende begynder det meteorologiske døgn kl. 6 UTC om morgenen svarende til dansk tid kl. 8 eller kl. 7 afhængigt af sommer- eller vintertid og slutter kl. 6 UTC det følgende døgn. Det betyder at i tabellen „Danmarks klimaforhold“ er datoen for de observerede ekstremværdier, fx højeste maksimumtemperatur, anført som datoen hvor det pågældende meteorologiske døgn slutter. Fx kan marts måneds absolut højeste maksimumtemperatur være anført den 1. april. Bemærk yderligere at normalværdien for årets højeste temperatur og laveste temperatur vil være hhv. højere og lavere end de enkelte måneders normaler, idet årets normal beregnes over 30 x 365 dage, mod månedens normaler på kun 30 x 31 dage. Det ene år ligger fx årets højeste temperatur i maj, det andet år fx i august.

Graddage (ukorrigeret) beregnes ud fra middeltemperaturen for hvert døgn for hver enkelt lokalitet. Hvis døgnmiddeltemperaturen er større end eller lig med 17°C, er graddage-tallet altid 0. I øvrigt er det ukorrigerede graddagetallet 17 minus døgnmiddeltemperaturen, og det angives som et helt tal. Ved graddage er der for sommermånedernes vedkommende angivet tal i parentes. Da der normalt ikke medregnes graddage for sommeren, er der heller ikke udregnet en normal for sommermånederne.

Hyppigste vindretning er angivet som retning samt dennes procentdel af samtlige retninger. V51, betyder således at hyppigste vindretning var fra vest og at denne vindretning optrådte i 51 % af

Barometric pressure is reduced to mean sea level.

A day with a certain climate, e.g. snow, fog, or thunder is registered, if the phenomenon in question has been observed in at least one location during the 24 hours but not necessarily throughout all the 24 hours or throughout the whole country. The phenomenon can be observed in several locations, possibly all over the country; thus the indicated values are areally weighted averages. In the table it occurs that the number of days is given with decimals. This is because the various stations have different numbers of days with the specific event. For instance, 0,5 summer days means that 50 % of the country had a summer day.

DMI now observes the hours of bright sunshine using measurements of global radiation instead of measurements from a traditional Campbell-Stokes sunshine recorder. The new method is without question more precise than the old one, but implies at the same time that "new" and "old" hours of bright sunshine not directly can be compared. Typically the "new" values are lower during the summertime and higher during winter compared to the "old" values. In the tables the hours of bright sunshine are given according to the new method. The difference in the hours of bright sunshine measured with the old and new method are described in i.e. (Ellen Vaarby Laursen and Stig Rosenørn. New hours of bright sunshine normals for Denmark, 1961-1990. DMI Technical Report 02-25. 2002), which can be downloaded from the DMI website: <http://www.dmi.dk/f+u/publikation/tekrp/2002/Tr02-25.pdf>.

All normals shown are for the standard period 1961-90 specified by the World Meteorological Organization (WMO) and represent the average of the climatic values throughout the period.

When compared to earlier published key figures minor changes can be found. This can be related to an ongoing quality control of data.

samtligte tilfælde registreret i denne måned.

Lufttryk er korrigeret til havniveau.

Ved et døgn med et bestemt vejrlig, fx sne, tåge eller torden, forstås, at fænomenet er registreret et sted i Danmark i løbet af det pågældende døgn, ikke nødvendigvis i hele døgnet eller i hele landet. Fænomenet kan registreres på et antal lokaliteter og de i tabellen anførte tal er således vægtede landsdækkende gennemsnit. Man kan med andre ord sige, at hvis der i tabellen over Danmarks klimaforhold indgår døgn i tiendedele, er tallet fremkommet ved, at de enkelte lokaliteter har haft forskellige antal døgn med det pågældende vejrelement. Fx betyder 0,5 sommerdag, at der har været en sommerdag i halvdelen af landet.

DMI observerer nu antallet af solskinstimer ved hjælp af globalstrålingsmåling i stedet for ved hjælp af solautograf. Den nye metode er mere præcis, men betyder samtidig at nye og gamle solskinstimemålinger ikke direkte kan sammenlignes: De nye værdier er typisk lavere om sommeren og højere om vinteren end de gamle. I tabellerne er solskinstimetallet angivet svarende til den nye metode. Forskellen i solskinstimer målt med gammel og ny metode er f.eks. beskrevet i (Ellen Vaarby Laursen and Stig Rosenørn. New hours of bright sunshine normals for Denmark, 1961-1990. DMI Technical Report 02-25. 2002), der kan hentes på DMIs Internet hjemmeside: <http://www.dmi.dk/f+u/publikation/tekrp/2002/Tr02-25.pdf>.

Alle normaler er fra den af World Meteorological Organization (WMO) anviste standardperiode 1961-90 og repræsenterer gennemsnit af klimaparametrene over perioden.

Hvis der sammenlignes med tidligere publicerede klimatal kan mindre ændringer forekomme. Dette hænger sammen med en fortsat kvalitetssikring af data.



Tables

The Climate of Denmark  
2000-2002

Tabeller

Danmarks klima  
2000-2002

## The Climate of Denmark/Danmarks klima

2000

<b>TEMPERATUR (°C)</b>	<b>TEMPERATURE (degrees C)</b>
<b>Middeltemperatur</b>	<b>Mean temperature</b>
normal	normals
<b>Højeste maximumtemperatur</b>	<b>Highest maximum temperature</b>
dato	date
stationsnummer	station number
normal	normals
1874-2000	1874-2000
år	year
<b>Middel af daglig maximumtemperatur</b>	<b>Mean of daily maximum temperature</b>
normal	normals
<b>Laveste minimumtemperatur</b>	<b>Lowest minimum temperature</b>
dato	date
stationsnummer	station number
normal	normals
1874-2000	1874-2000
år	year
<b>Middel af daglig minimumtemperatur</b>	<b>Mean of daily minimum temperature</b>
normal	normals
<b>Døgn med frost (minimum &lt; 0°C)</b>	<b>Frost days (minimum &lt; 0 degrees C)</b>
normal	normals
<b>Isdøgn (maksimum &lt; 0°C)</b>	<b>Ice days (maximum &lt; 0 degrees C)</b>
normal	normals
<b>Sommerdage (maximum &gt; 25°C)</b>	<b>Summer days (maximum &gt; 25 degrees C)</b>
normal	normals
<b>Tropenætter (minimum &gt; 20°C)</b>	<b>Tropical nights (minimum &gt; 20 degrees C)</b>
normal	normals
<b>Graddage</b>	<b>Degree days</b>
normal <sup>1</sup>	normals <sup>1</sup>
<b>NEDBØR (mm)</b>	<b>PRECIPITATION (mm)</b>
<b>Nedbørmængde, Jylland/Øerne</b>	<b>Precipitation, Denmark minus Bornholm</b>
normal	normals
<b>Nedbørmængde, Bornholm</b>	<b>Precipitation, Bornholm</b>
normal	normals
<b>Døgn med nedbør ≥ 0,1 mm</b>	<b>Days with precipitation ≥ 0,1 mm</b>
normal	normals
<b>Døgn med nedbør ≥ 10,0 mm</b>	<b>Days with precipitation ≥ 10,0 mm</b>
normal	normals
<b>Største nedbør i 24 timer ved en station</b>	<b>Largest 24 hour precipitation</b>
dato	date
stationsnummer	station number
normal	normals
1874-2000	1874-2000
år	year
<b>Største månedsnedbør ved en station</b>	<b>Largest monthly precipitation</b>
stationsnummer	station number
normal	normals
<b>Døgn med sne</b>	<b>Days with snow</b>
normal	normals
<b>Døgn med snedække kl. 07/08</b>	<b>Days with snow cover at 07/08 o'clock</b>
normal	normals
<b>Døgn med tåge</b>	<b>Days with fog</b>
normal	normals
<b>Døgn med torden</b>	<b>Days with thunder</b>
normal	normals

\* betyder, at antallet er større end 0,0, men mindre end 0,1.

<sup>1</sup> normaler er beregnet på perioden 1971-1990.



**2000****The Climate of Denmark/Danmarks klima**

jan	feb	mar	apr	maj	jun	jul	aug	sep	okt	nov	dec	året
<b>3,0</b>	<b>3,6</b>	<b>3,8</b>	<b>8,2</b>	<b>12,7</b>	<b>13,7</b>	<b>14,9</b>	<b>15,2</b>	<b>13,2</b>	<b>11,0</b>	<b>7,0</b>	<b>3,8</b>	<b>9,2</b>
0,0	0,0	2,1	5,7	10,8	14,3	15,6	15,7	12,7	9,1	4,7	1,6	7,7
<b>9,7</b>	<b>11,8</b>	<b>16,4</b>	<b>27,9</b>	<b>29,8</b>	<b>32,9</b>	<b>27,0</b>	<b>27,4</b>	<b>23,6</b>	<b>20,5</b>	<b>14,3</b>	<b>13,0</b>	<b>32,9</b>
18/ 1	29/ 2	22/ 3	1/ 5	17/ 5	21/ 6	5/ 7	15/ 8	30/ 9	4/10	30/11	9/12	21/ 6
06186	31215	31215	30188	26401	31215	25140	06124	26401	31215	31215	06108	31215
8,3	9,1	14,0	20,0	25,7	29,4	29,5	29,3	24,5	20,0	13,8	10,4	31,3
12,0	15,8	22,2	28,6	32,8	35,5	35,3	36,4	32,3	24,1	18,5	14,5	36,4
1999	1990	1990	1993	1892	1947	1941	1975	1906	1978	1968	1953	1975
<b>4,9</b>	<b>5,6</b>	<b>6,6</b>	<b>11,9</b>	<b>17,1</b>	<b>17,5</b>	<b>18,5</b>	<b>19,2</b>	<b>16,2</b>	<b>13,4</b>	<b>8,7</b>	<b>5,5</b>	<b>12,1</b>
2,0	2,2	4,9	9,6	15,0	18,7	19,8	20,0	16,4	12,1	7,0	3,7	10,9
<b>-19,3</b>	<b>-8,3</b>	<b>-5,9</b>	<b>-4,1</b>	<b>-0,5</b>	<b>2,0</b>	<b>3,9</b>	<b>3,5</b>	<b>1,4</b>	<b>3,1</b>	<b>-0,7</b>	<b>-15,1</b>	<b>-19,3</b>
25/ 1	21/ 2	12/ 3	6/ 4	22/ 5	17/ 6	8/ 7	1/ 9	11/ 9	15/10	28/11	1/ 1	25/ 1
24427	06100	32082	31215	24427	20155	23141	24427	24427	31215	20209	24427	24427
-16,3	-15,8	-12,3	-7,1	-3,6	0,0	2,9	1,5	-1,2	-3,7	-9,2	-14,7	-20,6
-31,2	-29,0	-27,0	-19,0	-8,0	-3,5	-0,9	-2,0	-5,6	-11,9	-21,3	-25,6	-31,2
1982	1942	1888	1922	1900	1936	1903	1885	1886	1880	1973	1981	1982
<b>0,5</b>	<b>1,4</b>	<b>0,9</b>	<b>4,6</b>	<b>8,1</b>	<b>10,2</b>	<b>11,6</b>	<b>11,6</b>	<b>10,2</b>	<b>8,5</b>	<b>5,0</b>	<b>1,7</b>	<b>6,2</b>
-2,9	-2,8	-0,8	2,1	6,5	9,9	11,5	11,3	9,1	6,1	2,3	-0,7	4,3
<b>10,0</b>	<b>6,4</b>	<b>9,8</b>	<b>3,1</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,3</b>	<b>12,1</b>	<b>41,7</b>
19	19	15	6,6	0,7	*	0,0	0,0	0,2	1,8	7,3	15	84
<b>1,8</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>2,4</b>	<b>4,2</b>
8,6	7,5	2,2	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,6	4,0	23
<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,2</b>	<b>1,2</b>	<b>2,7</b>	<b>0,2</b>	<b>0,2</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>4,5</b>
0,0	0,0	0,0	0,0	0,2	1,9	2,6	2,3	0,1	0,0	0,0	0,0	7,2
0,0	0,0	0,0	0,0	0,0	*	0,0	0,0	0,0	0,0	0,0	0,0	*
0,0	0,0	0,0	0,0	0,0	0,0	0,0	*	0,0	0,0	0,0	0,0	*
<b>433</b>	<b>389</b>	<b>409</b>	<b>266</b>	<b>139</b>	<b>( 113)</b>	<b>( 68)</b>	<b>( 59)</b>	<b>115</b>	<b>186</b>	<b>300</b>	<b>409</b>	<b>2645</b>
516	473	452	339	186				136	251	361	461	3175
<b>59</b>	<b>74</b>	<b>61</b>	<b>42</b>	<b>51</b>	<b>55</b>	<b>43</b>	<b>49</b>	<b>74</b>	<b>96</b>	<b>93</b>	<b>71</b>	<b>768</b>
57	38	46	41	48	55	66	67	73	76	79	66	712
<b>41</b>	<b>47</b>	<b>54</b>	<b>28</b>	<b>32</b>	<b>74</b>	<b>33</b>	<b>26</b>	<b>58</b>	<b>43</b>	<b>71</b>	<b>38</b>	<b>546</b>
51	32	40	37	37	42	55	55	63	60	76	62	609
<b>17,5</b>	<b>21,5</b>	<b>18,0</b>	<b>11,7</b>	<b>11,2</b>	<b>13,5</b>	<b>11,0</b>	<b>13,1</b>	<b>13,4</b>	<b>20,1</b>	<b>22,4</b>	<b>19,3</b>	<b>192,7</b>
17	13	14	12	12	12	13	13	15	16	18	17	171
<b>1,5</b>	<b>0,9</b>	<b>1,5</b>	<b>0,9</b>	<b>1,1</b>	<b>1,5</b>	<b>1,3</b>	<b>1,0</b>	<b>2,0</b>	<b>2,5</b>	<b>1,6</b>	<b>1,4</b>	<b>17,1</b>
1,1	0,5	0,7	0,7	1,1	1,5	1,8	1,8	2,0	2,2	2,0	1,6	17
<b>24,8</b>	<b>25,9</b>	<b>29,8</b>	<b>28,0</b>	<b>38,2</b>	<b>46,0</b>	<b>42,6</b>	<b>47,1</b>	<b>102,0</b>	<b>46,0</b>	<b>46,4</b>	<b>27,7</b>	<b>102,0</b>
12/ 1	17/ 2	28/ 3	14/ 4	26/ 5	26/ 6	24/ 7	4/ 8	13/ 9	1/11	19/11	15/12	13/ 9
21056	31570	32210	20050	20670	30230	26290	24097	22435	21145	24030	20030	22435
29	25	26	31	42	60	71	59	53	47	39	34	89
50,0	61,8	54,8	66,5	77,3	153,1	168,9	151,2	132,7	100,8	62,3	62,0	168,9
1886	1881	1970	1969	1906	1880	1931	1959	1968	1982	1981	1985	1931
<b>114,7</b>	<b>131,6</b>	<b>101,1</b>	<b>80,4</b>	<b>100,8</b>	<b>116,0</b>	<b>99,5</b>	<b>106,3</b>	<b>167,2</b>	<b>195,8</b>	<b>242,2</b>	<b>112,0</b>	<b>242,2</b>
24430	21060	30186	27020	21020	20270	30290	24485	22435	24140	24030	24105	24030
108	75	87	79	98	129	152	154	140	152	154	122	224
<b>2,8</b>	<b>2,5</b>	<b>3,7</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,1</b>	<b>3,2</b>	<b>12,2</b>
7,6	6,4	5,3	2,6	0,2	0,0	0,0	0,0	0,0	0,1	2,3	5,8	30
<b>3,4</b>	<b>1,4</b>	<b>1,4</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>3,1</b>	<b>9,3</b>
12	9,3	4,6	0,7	0,0	0,0	0,0	0,0	0,0	*	1,3	5,1	33
<b>4,8</b>	<b>4,6</b>	<b>6,7</b>	<b>8,5</b>	<b>4,9</b>	<b>3,7</b>	<b>7,8</b>	<b>7,7</b>	<b>4,5</b>	<b>9,3</b>	<b>5,1</b>	<b>8,1</b>	<b>75,7</b>
10	9,3	9,2	7,5	5,1	2,6	2,6	3,2	4,3	7,0	5,7	7,0	74
<b>0,4</b>	<b>0,4</b>	*	<b>1,2</b>	<b>1,3</b>	<b>2,2</b>	<b>1,4</b>	<b>3,1</b>	<b>1,7</b>	<b>0,6</b>	<b>0,8</b>	<b>0,4</b>	<b>13,4</b>
0,1	0,1	0,1	0,2	1,3	2,0	2,3	2,2	1,3	0,6	0,3	0,1	11

\* means that the number is larger than 0,0 but smaller than 0,1  
<sup>1</sup> normals calculated from the period 1971-1990

**The Climate of Denmark/Danmarks klima**
**2000**

<b>SOL, SKYDÆKKE</b>	<b>SUNSHINE, CLOUD COVER</b>
<b>Soltimer, Jylland/Øerne</b>	<b>Hours of bright sunshine, Denmark minus Bornholm</b>
normal	normals
<b>Soltimer, Bornholm</b>	<b>Hours of bright sunshine, Bornholm</b>
normal	normals
<b>Døgn med klart vejr (skydække &lt; 20%)</b>	<b>Clear days (cloud cover &lt; 20 %)</b>
normal	normals
<b>Døgn med skyet vejr (skydække &gt; 80%)</b>	<b>Cloudy days (cloud cover &gt; 80 %)</b>
normal	normals
<b>Middel skydække i %</b>	<b>Mean cloud cover %</b>
normal	normals
<b>VIND</b>	<b>WIND</b>
<b>Middelvindhastighed i m/sek</b>	<b>Mean velocity, m/sec</b>
normal	normals
<b>Hyppeghed af hastighed <math>\geq</math> 10,8 m/sek (6Bf)</b>	<b>Frequency of speed <math>\geq</math> 10,8 m/sec (6Bf)</b>
normal	normals
<b>Hyppigste vindretning <sup>2</sup></b>	<b>Most frequent wind direction <sup>2</sup></b>
normal	normals
<b>FUGTIGHED I %</b>	<b>HUMIDITY IN %</b>
<b>Relativ luftfugtighed kl. 07/08</b>	<b>Relative humidity at 07/08 o'clock</b>
<b>Relativ luftfugtighed kl. 13/14</b>	<b>Relative humidity at 13/14 o'clock</b>
<b>Relativ luftfugtighed kl. 22/21</b>	<b>Relative humidity at 22/21 o'clock</b>
<b>Middel af relativ luftfugtighed</b>	<b>Mean of relative humidity</b>
normal	normals
<b>Middeldugpunktstemperatur (°C)</b>	<b>Mean of dewpoint temperature (degrees C)</b>
<b>Middeldamptryk (hPa)</b>	<b>Mean of vapour pressure (hPa)</b>
<b>LUFTRYK (hectopascal/mb)</b>	<b>BAROMETRIC PRESSURE (hectopascal/mb)</b>
<b>Middellufttryk, Ålborg lufthavn</b>	<b>Mean of sealevel pressure, Ålborg</b>
normal	normals
<b>Middellufttryk, Kastrup lufthavn</b>	<b>Mean of sealevel pressure, Kastrup</b>
normal	normals

\* betyder, at antallet er større end 0,0, men mindre end 0,1.

<sup>2</sup> N = nord, Ø = øst, S = syd, V = vest.

**2000**
**The Climate of Denmark/Danmarks klima**

jan	feb	mar	apr	maj	jun	jul	aug	sep	okt	nov	dec	året
<b>64</b>	<b>73</b>	<b>121</b>	<b>162</b>	<b>318</b>	<b>230</b>	<b>200</b>	<b>218</b>	<b>152</b>	<b>86</b>	<b>48</b>	<b>38</b>	<b>1710</b>
41	71	117	178	240	249	236	224	152	99	57	39	1701
<b>63</b>	<b>75</b>	<b>136</b>	<b>245</b>	<b>364</b>	<b>279</b>	<b>238</b>	<b>264</b>	<b>216</b>	<b>78</b>	<b>52</b>	<b>22</b>	<b>2030</b>
36	65	116	187	275	289	277	261	169	104	52	36	1865
<b>1,4</b>	<b>0,4</b>	<b>1,4</b>	<b>1,9</b>	<b>8,6</b>	<b>0,9</b>	*	<b>0,9</b>	<b>2,7</b>	*	<b>0,2</b>	<b>0,6</b>	<b>19,2</b>
1,5	2,1	2,8	3,3	3,9	3,8	2,7	3,3	2,2	1,9	1,6	1,4	31
<b>13,7</b>	<b>11,9</b>	<b>14,8</b>	<b>13,0</b>	<b>4,5</b>	<b>11,1</b>	<b>12,2</b>	<b>6,8</b>	<b>12,2</b>	<b>13,5</b>	<b>15,5</b>	<b>17,0</b>	<b>146,1</b>
19	15	14	11	9,4	8,3	9,3	7,7	9,0	13	15	17	146
<b>72</b>	<b>72</b>	<b>71</b>	<b>69</b>	<b>45</b>	<b>67</b>	<b>72</b>	<b>63</b>	<b>65</b>	<b>73</b>	<b>77</b>	<b>75</b>	<b>69</b>
79	73	69	63	60	59	62	59	63	70	74	77	67
<b>6,9</b>	<b>7,0</b>	<b>6,3</b>	<b>4,5</b>	<b>4,6</b>	<b>5,6</b>	<b>4,5</b>	<b>4,8</b>	<b>5,8</b>	<b>5,9</b>	<b>6,0</b>	<b>5,2</b>	<b>5,6</b>
6,5	6,1	6,3	5,6	5,2	5,1	5,3	5,0	5,8	6,0	6,5	6,5	5,8
<b>15</b>	<b>12</b>	<b>13</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>7</b>	<b>6</b>	<b>7</b>
15	11	13	8	6	5	5	5	9	12	15	15	10
<b>SV32</b>	<b>V31</b>	<b>V34</b>	<b>Ø22</b>	<b>V19</b>	<b>V33</b>	<b>V39</b>	<b>V39</b>	<b>Ø36</b>	<b>S37</b>	<b>S48</b>	<b>S28</b>	<b>V22</b>
V19	Ø18	V22	V20	V20	V29	V35	V28	V28	V22	V22	V23	V24
<b>92</b>	<b>93</b>	<b>91</b>	<b>92</b>	<b>84</b>	<b>87</b>	<b>90</b>	<b>91</b>	<b>92</b>	<b>94</b>	<b>94</b>	<b>93</b>	<b>91</b>
<b>86</b>	<b>86</b>	<b>77</b>	<b>73</b>	<b>65</b>	<b>72</b>	<b>75</b>	<b>72</b>	<b>75</b>	<b>84</b>	<b>89</b>	<b>90</b>	<b>79</b>
<b>90</b>	<b>92</b>	<b>89</b>	<b>90</b>	<b>84</b>	<b>89</b>	<b>91</b>	<b>89</b>	<b>90</b>	<b>93</b>	<b>93</b>	<b>92</b>	<b>90</b>
<b>90</b>	<b>91</b>	<b>86</b>	<b>85</b>	<b>77</b>	<b>82</b>	<b>85</b>	<b>83</b>	<b>85</b>	<b>91</b>	<b>93</b>	<b>92</b>	<b>87</b>
91	90	87	80	75	77	79	79	83	87	89	90	84
<b>1,4</b>	<b>2,2</b>	<b>1,5</b>	<b>5,4</b>	<b>8,3</b>	<b>10,4</b>	<b>12,1</b>	<b>12,1</b>	<b>10,6</b>	<b>9,5</b>	<b>5,9</b>	<b>2,5</b>	<b>6,8</b>
<b>7,0</b>	<b>7,3</b>	<b>7,0</b>	<b>9,3</b>	<b>11,1</b>	<b>12,9</b>	<b>14,3</b>	<b>14,3</b>	<b>12,9</b>	<b>12,0</b>	<b>9,3</b>	<b>7,7</b>	<b>10,4</b>
<b>1012,7</b>	<b>1007,9</b>	<b>1012,5</b>	<b>1009,6</b>	<b>1014,8</b>	<b>1014,3</b>	<b>1008,5</b>	<b>1014,2</b>	<b>1015,7</b>	<b>1008,5</b>	<b>1002,4</b>	<b>1006,0</b>	<b>1010,6</b>
1012,1	1014,3	1012,3	1013,0	1014,6	1013,4	1012,5	1012,8	1012,6	1012,9	1009,8	1010,3	1012,5
<b>1015,1</b>	<b>1010,9</b>	<b>1013,1</b>	<b>1010,3</b>	<b>1016,3</b>	<b>1015,5</b>	<b>1009,0</b>	<b>1015,9</b>	<b>1016,4</b>	<b>1011,8</b>	<b>1005,9</b>	<b>1008,4</b>	<b>1012,4</b>
1013,4	1014,8	1013,2	1013,2	1015,1	1014,0	1013,3	1013,8	1014,0	1014,5	1011,3	1011,6	1013,5

\* means that the number is larger than 0,0, but smaller than 0,1

<sup>2</sup> N = north, Ø = east, S = south, V = west

## The Climate of Denmark/Danmarks klima

2001

<b>TEMPERATUR (°C)</b>	<b>TEMPERATURE (degrees C)</b>
<b>Middeltemperatur</b>	<b>Mean temperature</b>
normal	normals
<b>Højeste maximumtemperatur</b>	<b>Highest maximum temperature</b>
dato	date
stationsnummer	station number
normal	normals
1874-2001	1874-2001
år	year
<b>Middel af daglig maximumtemperatur</b>	<b>Mean of daily maximum temperature</b>
normal	normals
<b>Laveste minimumtemperatur</b>	<b>Lowest minimum temperature</b>
dato	date
stationsnummer	station number
normal	normals
1874-2001	1874-2001
år	year
<b>Middel af daglig minimumtemperatur</b>	<b>Mean of daily minimum temperature</b>
normal	normals
<b>Døgn med frost (minimum &lt; 0°C)</b>	<b>Frost days (minimum &lt; 0 degrees C)</b>
normal	normals
<b>Isdøgn (maksimum &lt; 0°C)</b>	<b>Ice days (maximum &lt; 0 degrees C)</b>
normal	normals
<b>Sommerdage (maximum &gt; 25°C)</b>	<b>Summer days (maximum &gt; 25 degrees C)</b>
normal	normals
<b>Tropenætter (minimum &gt; 20°C)</b>	<b>Tropical nights (minimum &gt; 20 degrees C)</b>
normal	normals
<b>Graddage</b>	<b>Degree days</b>
normal <sup>1</sup>	normals <sup>1</sup>
<b>NEDBØR (mm)</b>	<b>PRECIPITATION (mm)</b>
<b>Nedbørmængde, Jylland/Øerne</b>	<b>Precipitation, Denmark minus Bornholm</b>
normal	normals
<b>Nedbørmængde, Bornholm</b>	<b>Precipitation, Bornholm</b>
normal	normals
<b>Døgn med nedbør ≥ 0,1 mm</b>	<b>Days with precipitation ≥ 0,1 mm</b>
normal	normals
<b>Døgn med nedbør ≥ 10,0 mm</b>	<b>Days with precipitation ≥ 10,0 mm</b>
normal	normals
<b>Største nedbør i 24 timer ved en station</b>	<b>Largest 24 hour precipitation</b>
dato	date
stationsnummer	station number
normal	normals
1874-2001	1874-2001
år	year
<b>Største månedsnedbør ved en station</b>	<b>Largest monthly precipitation</b>
stationsnummer	station number
normal	normals
<b>Døgn med sne</b>	<b>Days with snow</b>
normal	normals
<b>Døgn med snedække kl. 07/08</b>	<b>Days with snow cover at 07/08 o'clock</b>
normal	normals
<b>Døgn med tåge</b>	<b>Days with fog</b>
normal	normals
<b>Døgn med torden</b>	<b>Days with thunder</b>
normal	normals

\* betyder, at antallet er større end 0,0, men mindre end 0,1.

<sup>1</sup> normaler er beregnet på perioden 1971-1990.

**2001****The Climate of Denmark/Danmarks klima**

jan	feb	mar	apr	maj	jun	jul	aug	sep	okt	nov	dec	året
1,7	0,5	1,1	5,6	11,3	12,8	17,4	16,9	12,6	12,0	5,3	0,7	8,2
0,0	0,0	2,1	5,7	10,8	14,3	15,6	15,7	12,7	9,1	4,7	1,6	7,7
<b>9,2</b>	<b>13,1</b>	<b>11,5</b>	<b>20,1</b>	<b>25,5</b>	<b>28,0</b>	<b>32,3</b>	<b>33,9</b>	<b>22,2</b>	<b>20,5</b>	<b>14,0</b>	<b>10,3</b>	<b>33,9</b>
25/ 1	9/ 2	14/ 3	1/ 5	10/ 5	28/ 6	8/ 7	17/ 8	6/ 9	14/10	12/11	11/12	17/ 8
26471	31215	31215	06190	06181	06181	06181	06156	31095	31095	28372	06043	06156
8,3	9,1	14,0	20,0	25,7	29,4	29,5	29,3	24,5	20,0	13,8	10,4	31,3
12,0	15,8	22,2	28,6	32,8	35,5	35,3	36,4	32,3	24,1	18,5	14,5	36,4
1999	1990	1990	1993	1892	1947	1941	1975	1906	1978	1968	1953	1975
<b>3,4</b>	<b>2,9</b>	<b>3,8</b>	<b>9,1</b>	<b>15,8</b>	<b>16,4</b>	<b>21,7</b>	<b>21,0</b>	<b>15,6</b>	<b>14,4</b>	<b>8,0</b>	<b>3,4</b>	<b>11,3</b>
2,0	2,2	4,9	9,6	15,0	18,7	19,8	20,0	16,4	12,1	7,0	3,7	10,9
<b>-8,5</b>	<b>-14,0</b>	<b>-18,3</b>	<b>-6,5</b>	<b>-1,0</b>	<b>0,6</b>	<b>2,9</b>	<b>5,1</b>	<b>2,7</b>	<b>0,9</b>	<b>-5,6</b>	<b>-20,7</b>	<b>-20,7</b>
11/ 1	24/ 2	4/ 3	14/ 4	5/ 5	9/ 6	17/ 7	29/ 8	12/ 9	25/10	15/11	31/12	31/12
06100	06170	06156	24427	06110	24427	24427	24427	24427	32082	06110	06160	06160
-16,3	-15,8	-12,3	-7,1	-3,6	0,0	2,9	1,5	-1,2	-3,7	-9,2	-14,7	-20,6
-31,2	-29,0	-27,0	-19,0	-8,0	-3,5	-0,9	-2,0	-5,6	-11,9	-21,3	-25,6	-31,2
1982	1942	1888	1922	1900	1936	1903	1885	1886	1880	1973	1981	1982
<b>-0,1</b>	<b>-2,6</b>	<b>-2,0</b>	<b>2,4</b>	<b>6,9</b>	<b>9,2</b>	<b>13,1</b>	<b>13,2</b>	<b>9,8</b>	<b>9,7</b>	<b>2,2</b>	<b>-2,5</b>	<b>4,9</b>
-2,9	-2,8	-0,8	2,1	6,5	9,9	11,5	11,3	9,1	6,1	2,3	-0,7	4,3
<b>15,0</b>	<b>18,1</b>	<b>19,7</b>	<b>5,7</b>	<b>0,1</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>8,9</b>	<b>19,4</b>	<b>86,9</b>
19	19	15	6,6	0,7	*	0,0	0,0	0,2	1,8	7,3	15	84
<b>2,3</b>	<b>6,4</b>	<b>3,9</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>4,1</b>	<b>16,7</b>
8,6	7,5	2,2	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,6	4,0	23
<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,2</b>	<b>5,1</b>	<b>3,3</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>8,6</b>
0,0	0,0	0,0	0,0	0,2	1,9	2,6	2,3	0,1	0,0	0,0	0,0	7,2
0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,1
0,0	0,0	0,0	0,0	0,0	0,0	0,0	*	0,0	0,0	0,0	0,0	*
<b>473</b>	<b>462</b>	<b>493</b>	<b>343</b>	<b>177</b>	<b>( 131)</b>	<b>( 24)</b>	<b>( 28)</b>	<b>130</b>	<b>153</b>	<b>350</b>	<b>505</b>	<b>3085</b>
516	473	452	339	186				136	251	361	461	3175
<b>45</b>	<b>48</b>	<b>40</b>	<b>63</b>	<b>33</b>	<b>62</b>	<b>48</b>	<b>90</b>	<b>137</b>	<b>64</b>	<b>59</b>	<b>61</b>	<b>751</b>
57	38	46	41	48	55	66	67	73	76	79	66	712
<b>40</b>	<b>51</b>	<b>37</b>	<b>48</b>	<b>20</b>	<b>68</b>	<b>30</b>	<b>104</b>	<b>166</b>	<b>42</b>	<b>61</b>	<b>51</b>	<b>718</b>
51	32	40	37	37	42	55	55	63	60	76	62	609
<b>16,3</b>	<b>13,8</b>	<b>13,8</b>	<b>16,7</b>	<b>9,2</b>	<b>14,0</b>	<b>9,1</b>	<b>15,3</b>	<b>24,3</b>	<b>16,8</b>	<b>17,7</b>	<b>17,0</b>	<b>184,0</b>
17	13	14	12	12	12	13	13	15	16	18	17	171
<b>0,5</b>	<b>0,8</b>	<b>0,6</b>	<b>1,6</b>	<b>0,6</b>	<b>1,6</b>	<b>1,3</b>	<b>3,3</b>	<b>4,1</b>	<b>1,6</b>	<b>0,8</b>	<b>1,4</b>	<b>18,2</b>
1,1	0,5	0,7	0,7	1,1	1,5	1,8	1,8	2,0	2,2	2,0	1,6	17
<b>32,5</b>	<b>31,7</b>	<b>30,5</b>	<b>25,8</b>	<b>30,1</b>	<b>106,9</b>	<b>51,6</b>	<b>98,4</b>	<b>71,8</b>	<b>40,5</b>	<b>28,2</b>	<b>45,3</b>	<b>106,9</b>
24/ 1	12/ 2	19/ 3	8/ 4	1/ 6	3/ 6	29/ 7	24/ 8	9/ 9	2/10	6/11	29/12	3/ 6
25034	24470	31595	21074	28120	27008	26290	28510	32240	20010	26321	25245	27008
29	25	26	31	42	60	71	59	53	47	39	34	89
50,0	61,8	54,8	66,5	77,3	153,1	168,9	151,2	132,7	100,8	62,3	62,0	168,9
1886	1881	1970	1969	1906	1880	1931	1959	1968	1982	1981	1985	1931
<b>87,4</b>	<b>84,6</b>	<b>73,7</b>	<b>145,1</b>	<b>63,9</b>	<b>146,4</b>	<b>144,2</b>	<b>185,9</b>	<b>214,9</b>	<b>135,9</b>	<b>101,5</b>	<b>100,6</b>	<b>214,9</b>
20052	23335	28300	20182	23050	20120	26290	28510	20430	21074	26409	25180	20430
108	75	87	79	98	129	152	154	140	152	154	122	224
<b>2,9</b>	<b>8,4</b>	<b>5,0</b>	<b>1,5</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>1,8</b>	<b>8,3</b>	<b>27,9</b>
7,6	6,4	5,3	2,6	0,2	0,0	0,0	0,0	0,0	0,1	2,3	5,8	30
<b>1,6</b>	<b>8,5</b>	<b>7,9</b>	<b>0,5</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,5</b>	<b>7,3</b>	<b>26,3</b>
12	9,3	4,6	0,7	0,0	0,0	0,0	0,0	0,0	*	1,3	5,1	33
<b>12,4</b>	<b>7,6</b>	<b>9,7</b>	<b>9,2</b>	<b>6,0</b>	<b>5,3</b>	<b>7,9</b>	<b>6,4</b>	<b>10,3</b>	<b>10,9</b>	<b>5,7</b>	<b>15,1</b>	<b>106,5</b>
10	9,3	9,2	7,5	5,1	2,6	2,6	3,2	4,3	7,0	5,7	7,0	74
<b>0,1</b>	<b>0,0</b>	<b>0,0</b>	<b>0,2</b>	<b>2,2</b>	<b>1,3</b>	<b>3,3</b>	<b>3,7</b>	<b>1,3</b>	<b>1,1</b>	<b>0,6</b>	<b>0,2</b>	<b>14,0</b>
0,1	0,1	0,1	0,2	1,3	2,0	2,3	2,2	1,3	0,6	0,3	0,1	11

\* means that the number is larger than 0,0 but smaller than 0,1  
<sup>1</sup> normals calculated from the period 1971-1990

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<b>SOL, SKYDÆKKE</b>	<b>SUNSHINE, CLOUD COVER</b>
<b>Soltimer, Jylland/Øerne</b>	<b>Hours of bright sunshine, Denmark minus Bornholm</b>
normal	normals
<b>Soltimer, Bornholm</b>	<b>Hours of bright sunshine, Bornholm</b>
normal	normals
<b>Døgn med klart vejr (skydække &lt; 20%)</b>	<b>Clear days (cloud cover &lt; 20 %)</b>
normal	normals
<b>Døgn med skyet vejr (skydække &gt; 80%)</b>	<b>Cloudy days (cloud cover &gt; 80 %)</b>
normal	normals
<b>Middel skydække i %</b>	<b>Mean cloud cover %</b>
normal	normals
<b>VIND</b>	<b>WIND</b>
<b>Middelvindhastighed i m/sek</b>	<b>Mean velocity, m/sec</b>
normal	normals
<b>Hyppeghed af hastighed <math>\geq</math> 10,8 m/sek (6Bf)</b>	<b>Frequency of speed <math>\geq</math> 10,8 m/sec (6Bf)</b>
normal	normals
<b>Hyppeghed af vindretning <sup>2</sup></b>	<b>Most frequent wind direction <sup>2</sup></b>
normal	normals
<b>FUGTIGHED I %</b>	<b>HUMIDITY IN %</b>
<b>Relativ luftfugtighed kl. 07/08</b>	<b>Relative humidity at 07/08 o'clock</b>
<b>Relativ luftfugtighed kl. 13/14</b>	<b>Relative humidity at 13/14 o'clock</b>
<b>Relativ luftfugtighed kl. 22/21</b>	<b>Relative humidity at 22/21 o'clock</b>
<b>Middel af relativ luftfugtighed</b>	<b>Mean of relative humidity</b>
normal	normals
<b>Middeldugpunktstemperatur (°C)</b>	<b>Mean of dewpoint temperature (degrees C)</b>
<b>Middeldamptryk (hPa)</b>	<b>Mean of vapour pressure (hPa)</b>
<b>LUFTRYK (hectopascal/mb)</b>	<b>BAROMETRIC PRESSURE (hectopascal/mb)</b>
<b>Middellufttryk, Ålborg lufthavn</b>	<b>Mean of sealevel pressure, Ålborg</b>
normal	normals
<b>Middellufttryk, Kastrup lufthavn</b>	<b>Mean of sealevel pressure, Kastrup</b>
normal	normals

\* betyder, at antallet er større end 0,0, men mindre end 0,1.

<sup>2</sup> N = nord, Ø = øst, S = syd, V = vest.



# 2001

## The Climate of Denmark/Danmarks klima

jan	feb	mar	apr	maj	jun	jul	aug	sep	okt	nov	dec	året
<b>32</b>	<b>83</b>	<b>123</b>	<b>151</b>	<b>300</b>	<b>245</b>	<b>309</b>	<b>227</b>	<b>106</b>	<b>77</b>	<b>88</b>	<b>39</b>	<b>1780</b>
41	71	117	178	240	249	236	224	152	99	57	39	1701
<b>34</b>	<b>99</b>	<b>121</b>	<b>184</b>	<b>324</b>	<b>299</b>	<b>318</b>	<b>247</b>	<b>103</b>	<b>90</b>	<b>84</b>	<b>22</b>	<b>1925</b>
36	65	116	187	275	289	277	261	169	104	52	36	1865
<b>1,2</b>	<b>0,9</b>	<b>2,9</b>	<b>1,0</b>	<b>5,6</b>	<b>1,9</b>	<b>5,8</b>	<b>1,6</b>	*	<b>0,3</b>	<b>2,6</b>	<b>1,7</b>	<b>25,6</b>
1,5	2,1	2,8	3,3	3,9	3,8	2,7	3,3	2,2	1,9	1,6	1,4	31
<b>21,9</b>	<b>9,3</b>	<b>14,3</b>	<b>13,0</b>	<b>5,9</b>	<b>9,4</b>	<b>3,2</b>	<b>5,6</b>	<b>12,8</b>	<b>12,2</b>	<b>7,8</b>	<b>14,0</b>	<b>129,5</b>
19	15	14	11	9,4	8,3	9,3	7,7	9,0	13	15	17	146
<b>81</b>	<b>67</b>	<b>65</b>	<b>68</b>	<b>49</b>	<b>64</b>	<b>48</b>	<b>58</b>	<b>74</b>	<b>72</b>	<b>60</b>	<b>69</b>	<b>64</b>
79	73	69	63	60	59	62	59	63	70	74	77	67
<b>4,9</b>	<b>5,9</b>	<b>5,3</b>	<b>4,9</b>	<b>4,9</b>	<b>5,1</b>	<b>4,3</b>	<b>5,0</b>	<b>5,0</b>	<b>6,4</b>	<b>6,0</b>	<b>4,8</b>	<b>5,2</b>
6,5	6,1	6,3	5,6	5,2	5,1	5,3	5,0	5,8	6,0	6,5	6,5	5,8
<b>2</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>8</b>	<b>7</b>	<b>5</b>	<b>4</b>
15	11	13	8	6	5	5	5	9	12	15	15	10
<b>SØ24</b>	<b>V21</b>	<b>Ø22</b>	<b>SV17</b>	<b>V31</b>	<b>V38</b>	<b>V23</b>	<b>SV23</b>	<b>Ø16</b>	<b>SV28</b>	<b>V32</b>	<b>N18</b>	<b>V21</b>
V19	Ø18	V22	V20	V20	V29	V35	V28	V28	V22	V22	V23	V24
<b>93</b>	<b>91</b>	<b>91</b>	<b>91</b>	<b>84</b>	<b>87</b>	<b>86</b>	<b>90</b>	<b>93</b>	<b>92</b>	<b>88</b>	<b>90</b>	<b>90</b>
<b>91</b>	<b>83</b>	<b>76</b>	<b>73</b>	<b>63</b>	<b>71</b>	<b>65</b>	<b>70</b>	<b>79</b>	<b>84</b>	<b>80</b>	<b>88</b>	<b>77</b>
<b>93</b>	<b>90</b>	<b>88</b>	<b>89</b>	<b>84</b>	<b>89</b>	<b>88</b>	<b>89</b>	<b>91</b>	<b>91</b>	<b>87</b>	<b>91</b>	<b>89</b>
<b>93</b>	<b>88</b>	<b>85</b>	<b>84</b>	<b>76</b>	<b>82</b>	<b>79</b>	<b>82</b>	<b>88</b>	<b>89</b>	<b>86</b>	<b>90</b>	<b>85</b>
91	90	87	80	75	77	79	79	83	87	89	90	84
<b>0,6</b>	<b>-1,3</b>	<b>-1,4</b>	<b>2,8</b>	<b>6,8</b>	<b>9,5</b>	<b>13,4</b>	<b>13,6</b>	<b>10,5</b>	<b>10,2</b>	<b>3,0</b>	<b>-0,8</b>	<b>5,6</b>
<b>6,5</b>	<b>5,8</b>	<b>5,8</b>	<b>7,7</b>	<b>10,1</b>	<b>12,1</b>	<b>15,6</b>	<b>15,9</b>	<b>12,8</b>	<b>12,6</b>	<b>7,8</b>	<b>6,0</b>	<b>9,9</b>
<b>1012,5</b>	<b>1014,2</b>	<b>1008,2</b>	<b>1009,4</b>	<b>1016,1</b>	<b>1012,3</b>	<b>1013,0</b>	<b>1012,8</b>	<b>1008,7</b>	<b>1011,6</b>	<b>1013,6</b>	<b>1018,3</b>	<b>1012,6</b>
1012,1	1014,3	1012,3	1013,0	1014,6	1013,4	1012,5	1012,8	1012,6	1012,9	1009,8	1010,3	1012,5
<b>1014,5</b>	<b>1014,4</b>	<b>1009,0</b>	<b>1010,4</b>	<b>1016,2</b>	<b>1013,1</b>	<b>1014,1</b>	<b>1014,3</b>	<b>1008,5</b>	<b>1014,5</b>	<b>1014,8</b>	<b>1018,2</b>	<b>1013,5</b>
1013,4	1014,8	1013,2	1013,2	1015,1	1014,0	1013,3	1013,8	1014,0	1014,5	1011,3	1011,6	1013,5

\* means that the number is larger than 0,0, but smaller than 0,1

<sup>2</sup> N = north, Ø = east, S = south, V = west

## The Climate of Denmark/Danmarks klima

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<b>TEMPERATUR (°C)</b>	<b>TEMPERATURE (degrees C)</b>
<b>Middeltemperatur</b>	<b>Mean temperature</b>
normal	normals
<b>Højeste maximumtemperatur</b>	<b>Highest maximum temperature</b>
dato	date
stationsnummer	station number
normal	normals
1874-2002	1874-2002
år	year
<b>Middel af daglig maximumtemperatur</b>	<b>Mean of daily maximum temperature</b>
normal	normals
<b>Laveste minimumtemperatur</b>	<b>Lowest minimum temperature</b>
dato	date
stationsnummer	station number
normal	normals
1874-2002	1874-2002
år	year
<b>Middel af daglig minimumtemperatur</b>	<b>Mean of daily minimum temperature</b>
normal	normals
<b>Døgn med frost (minimum &lt; 0°C)</b>	<b>Frost days (minimum &lt; 0 degrees C)</b>
normal	normals
<b>Isdøgn (maksimum &lt; 0°C)</b>	<b>Ice days (maximum &lt; 0 degrees C)</b>
normal	normals
<b>Sommerdage (maximum &gt; 25°C)</b>	<b>Summer days (maximum &gt; 25 degrees C)</b>
normal	normals
<b>Tropenætter (minimum &gt; 20°C)</b>	<b>Tropical nights (minimum &gt; 20 degrees C)</b>
normal	normals
<b>Graddage</b>	<b>Degree days</b>
normal <sup>1</sup>	normals <sup>1</sup>
<b>NEDBØR (mm)</b>	<b>PRECIPITATION (mm)</b>
<b>Nedbørmængde, Jylland/Øerne</b>	<b>Precipitation, Denmark minus Bornholm</b>
normal	normals
<b>Nedbørmængde, Bornholm</b>	<b>Precipitation, Bornholm</b>
normal	normals
<b>Døgn med nedbør ≥ 0,1 mm</b>	<b>Days with precipitation ≥ 0,1 mm</b>
normal	normals
<b>Døgn med nedbør ≥ 10,0 mm</b>	<b>Days with precipitation ≥ 10,0 mm</b>
normal	normals
<b>Største nedbør i 24 timer ved en station</b>	<b>Largest 24 hour precipitation</b>
dato	date
stationsnummer	station number
normal	normals
1874-2002	1874-2002
år	year
<b>Største månedsnedbør ved en station</b>	<b>Largest monthly precipitation</b>
stationsnummer	station number
normal	normals
<b>Døgn med sne</b>	<b>Days with snow</b>
normal	normals
<b>Døgn med snedække kl. 07/08</b>	<b>Days with snow cover at 07/08 o'clock</b>
normal	normals
<b>Døgn med tåge</b>	<b>Days with fog</b>
normal	normals
<b>Døgn med torden</b>	<b>Days with thunder</b>
normal	normals

\* betyder, at antallet er større end 0,0, men mindre end 0,1.

<sup>1</sup> normaler er beregnet på perioden 1971-1990.





## 2002

## The Climate of Denmark/Danmarks klima

	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec	year
	<b>3,0</b>	<b>4,3</b>	<b>4,3</b>	<b>7,3</b>	<b>12,8</b>	<b>15,6</b>	<b>17,1</b>	<b>19,7</b>	<b>14,7</b>	<b>7,2</b>	<b>4,3</b>	<b>0,2</b>	<b>9,2</b>
	0,0	0,0	2,1	5,7	10,8	14,3	15,6	15,7	12,7	9,1	4,7	1,6	7,7
	<b>10,3</b>	<b>13,3</b>	<b>17,3</b>	<b>19,7</b>	<b>25,7</b>	<b>32,4</b>	<b>31,7</b>	<b>32,1</b>	<b>26,5</b>	<b>21,3</b>	<b>11,7</b>	<b>7,3</b>	<b>32,4</b>
	31/ 1	3/ 2	31/ 3	3/ 4	23/ 5	19/ 6	1/ 8	2/ 8	5/ 9	3/10	15/11	29/12	19/ 6
	06116	26471	06168	25140	06116	06116	06190	06190	06190	06179	06190	06116	06116
	8,3	9,1	14,0	20,0	25,7	29,4	29,5	29,3	24,5	20,0	13,8	10,4	31,3
	12,0	15,8	22,2	28,6	32,8	35,5	35,3	36,4	32,3	24,1	18,5	14,5	36,4
	1999	1990	1990	1993	1892	1947	1941	1975	1906	1978	1968	1953	1975
	<b>4,8</b>	<b>6,6</b>	<b>7,6</b>	<b>11,0</b>	<b>16,6</b>	<b>19,4</b>	<b>20,8</b>	<b>23,9</b>	<b>18,8</b>	<b>10,1</b>	<b>6,0</b>	<b>1,8</b>	<b>12,3</b>
	2,0	2,2	4,9	9,6	15,0	18,7	19,8	20,0	16,4	12,1	7,0	3,7	10,9
	<b>-12,5</b>	<b>-11,7</b>	<b>-7,7</b>	<b>-4,9</b>	<b>-0,4</b>	<b>1,4</b>	<b>7,5</b>	<b>7,9</b>	<b>-2,5</b>	<b>-5,0</b>	<b>-6,1</b>	<b>-13,2</b>	<b>-13,2</b>
	3/ 1	22/ 2	3/ 3	9/ 4	13/ 5	2/ 6	5/ 7	1/ 9	27/ 9	20/10	21/11	1/ 1	1/ 1
	30188	24427	06104	06160	24427	24427	24427	06110	24427	06160	06080	06160	06160
	-16,3	-15,8	-12,3	-7,1	-3,6	0,0	2,9	1,5	-1,2	-3,7	-9,2	-14,7	-20,6
	-31,2	-29,0	-27,0	-19,0	-8,0	-3,5	-0,9	-2,0	-5,6	-11,9	-21,3	-25,6	-31,2
	1982	1942	1888	1922	1900	1936	1903	1885	1886	1880	1973	1981	1982
	<b>0,9</b>	<b>1,8</b>	<b>1,0</b>	<b>3,7</b>	<b>9,3</b>	<b>12,1</b>	<b>13,6</b>	<b>15,8</b>	<b>10,0</b>	<b>4,0</b>	<b>2,2</b>	<b>-1,7</b>	<b>6,1</b>
	-2,9	-2,8	-0,8	2,1	6,5	9,9	11,5	11,3	9,1	6,1	2,3	-0,7	4,3
	<b>9,9</b>	<b>8,5</b>	<b>10,2</b>	<b>4,7</b>	*	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,5</b>	<b>3,6</b>	<b>5,8</b>	<b>20,8</b>	<b>63,9</b>
	19	19	15	6,6	0,7	*	0,0	0,0	0,2	1,8	7,3	15	84
	<b>2,5</b>	<b>0,1</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,1</b>	<b>6,7</b>	<b>9,5</b>
	8,6	7,5	2,2	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,6	4,0	23
	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	*	<b>1,1</b>	<b>5,7</b>	<b>8,5</b>	<b>0,3</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>15,6</b>
	0,0	0,0	0,0	0,0	0,2	1,9	2,6	2,3	0,1	0,0	0,0	0,0	7,2
	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	*	<b>0,2</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,2</b>
	0,0	0,0	0,0	0,0	0,0	0,0	0,0	*	0,0	0,0	0,0	0,0	*
	<b>434</b>	<b>356</b>	<b>393</b>	<b>292</b>	<b>132</b>	<b>( 53)</b>	<b>( 34)</b>	<b>( 1)</b>	<b>83</b>	<b>304</b>	<b>380</b>	<b>521</b>	<b>2896</b>
	516	473	452	339	186				136	251	361	461	3175
	<b>89</b>	<b>109</b>	<b>39</b>	<b>33</b>	<b>47</b>	<b>102</b>	<b>111</b>	<b>75</b>	<b>31</b>	<b>113</b>	<b>87</b>	<b>31</b>	<b>864</b>
	57	38	46	41	48	55	66	67	73	76	79	66	712
	63	78	38	25	46	62	72	40	50	170	54	27	723
	51	32	40	37	37	42	55	55	63	60	76	62	609
	19,6	21,6	11,8	9,7	13,8	15,2	16,0	9,9	7,3	19,8	18,5	9,1	172,2
	17	13	14	12	12	12	13	13	15	16	18	17	171
	2,5	2,6	0,6	0,7	1,0	2,9	3,3	2,4	1,0	4,3	2,6	0,8	24,7
	1,1	0,5	0,7	0,7	1,1	1,5	1,8	1,8	2,0	2,2	2,0	1,6	17
	29,0	37,5	20,2	33,0	51,3	57,6	82,4	84,6	57,3	45,0	49,7	32,5	84,6
	31/ 1	21/ 2	7/ 3	1/ 5	23/ 5	19/ 6	19/ 7	3/ 8	23/ 9	17/10	9/11	28/12	3/ 8
	25360	21471	28440	24121	26260	21433	26070	20291	29243	30360	26335	21050	20291
	29	25	26	31	42	60	71	59	53	47	39	34	89
	50,0	61,8	54,8	66,5	77,3	153,1	168,9	151,2	132,7	100,8	62,3	62,0	168,9
	1886	1881	1970	1969	1906	1880	1931	1959	1968	1982	1981	1985	1931
	140,6	181,8	64,8	64,5	98,2	163,1	208,0	199,0	100,0	207,3	128,7	54,6	208,0
	25275	24280	23095	25180	20390	21433	29020	20100	31120	32175	28440	21055	29020
	108	75	87	79	98	129	152	154	140	152	154	122	224
	1,9	6,4	1,8	0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,8	2,4	13,3
	7,6	6,4	5,3	2,6	0,2	0,0	0,0	0,0	0,0	0,1	2,3	5,8	30
	2,0	4,8	0,7	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,4	7,7
	12	9,3	4,6	0,7	0,0	0,0	0,0	0,0	0,0	*	1,3	5,1	33
	11,0	3,2	6,9	5,7	5,3	2,5	3,8	9,2	12,3	8,4	8,9	6,5	83,7
	10	9,3	9,2	7,5	5,1	2,6	2,6	3,2	4,3	7,0	5,7	7,0	74
	0,0	0,4	0,4	0,2	2,3	5,3	2,9	4,8	0,8	0,5	0,0	0,0	17,5
	0,1	0,1	0,1	0,2	1,3	2,0	2,3	2,2	1,3	0,6	0,3	0,1	11

\* means that the number is larger than 0,0 but smaller than 0,1

† normals calculated from the period 1971-1990

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<i>SOL, SKYDÆKKE</i>	<i>SUNSHINE, CLOUD COVER</i>
<b>Soltimer, Jylland/Øerne</b> <sup>3</sup>	<b>Hours of bright sunshine, Denmark minus Bornholm</b> <sup>3</sup>
normal	normals
<b>Soltimer, Bornholm</b> <sup>3</sup>	<b>Hours of bright sunshine, Bornholm</b> <sup>3</sup>
normal	normals
<b>Døgn med klart vejr (skydække &lt; 20%)</b>	<b>Clear days (cloud cover &lt; 20 %)</b>
normal	normals
<b>Døgn med skyet vejr (skydække &gt; 80%)</b>	<b>Cloudy days (cloud cover &gt; 80 %)</b>
normal	normals
<b>Middel skydække i %</b>	<b>Mean cloud cover %</b>
normal	normals
<i>VIND</i>	<i>WIND</i>
<b>Middelvindhastighed i m/sek</b>	<b>Mean velocity, m/sec</b>
normal	normals
<b>Hyppeghed af hastighed ≥ 10,8 m/sek (6Bf)</b>	<b>Frequency of speed ≥ 10,8 m/sec (6Bf)</b>
normal	normals
<b>Hyppigste vindretning</b> <sup>2</sup>	<b>Most frequent wind direction</b> <sup>2</sup>
normal	normals
<i>FUGTIGHED I %</i>	<i>HUMIDITY IN %</i>
<b>Relativ luftfugtighed kl. 07/08</b>	<b>Relative humidity at 07/08 o'clock</b>
<b>Relativ luftfugtighed kl. 13/14</b>	<b>Relative humidity at 13/14 o'clock</b>
<b>Relativ luftfugtighed kl. 22/21</b>	<b>Relative humidity at 22/21 o'clock</b>
<b>Middel af relativ luftfugtighed</b>	<b>Mean of relative humidity</b>
normal	normals
<b>Middeldugpunktstemperatur (°C)</b>	<b>Mean of dewpoint temperature (degrees C)</b>
<b>Middeldamptryk (hPa)</b>	<b>Mean of vapour pressure (hPa)</b>
<i>LUFTRYK (hectopascal/mb)</i>	<i>BAROMETRIC PRESSURE (hectopascal/mb)</i>
<b>Middellufttryk, Ålborg lufthavn</b>	<b>Mean of sealevel pressure, Ålborg</b>
normal	normals
<b>Middellufttryk, Kastrup lufthavn</b>	<b>Mean of sealevel pressure, Kastrup</b>
normal	normals

\* betyder, at antallet er større end 0,0, men mindre end 0,1.

<sup>2</sup> N = nord, Ø = øst, S = syd, V = vest.

<sup>3</sup> DMI observerer nu antallet af solskinstimer vha. globalstrålingsmåling i stedet for vha. en solautograf. Den nye metode er mere præcis, men betyder samtidig at nye og gamle solskinsmålinger ikke direkte kan sammenlignes. De nye værdier er typisk lavere om sommeren og højere om vinteren end de gamle. De anførte tal svarer derfor til den nye metode. Forskellen i solskinstimer målt med hhv. gammel og ny metode er beskrevet i Ellen Vaarby Laursen and Stig Rosenørn: New hours of bright sunshine normals for Denmark, 1961-1990. DMI Technical Report 02-25, 2002, der kan hentes på DMIs website: <http://www.dmi.dk/f+u/publikation/tekrap/2002/Tr02-25.pdf>.

**2002**
**The Climate of Denmark/Danmarks klima**

jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec	year
<b>36</b>	<b>83</b>	<b>155</b>	<b>149</b>	<b>212</b>	<b>255</b>	<b>202</b>	<b>238</b>	<b>201</b>	<b>90</b>	<b>38</b>	<b>30</b>	<b>1691</b>
43	69	110	162	209	209	196	186	128	87	54	43	1495
<b>40</b>	<b>84</b>	<b>151</b>	<b>183</b>	<b>200</b>	<b>281</b>	<b>236</b>	<b>254</b>	<b>177</b>	<b>70</b>	<b>28</b>	<b>39</b>	<b>1742</b>
38	63	109	170	239	243	230	216	142	92	50	39	1630
<b>1,2</b>	<b>1,3</b>	<b>2,4</b>	<b>3,5</b>	<b>2,5</b>	<b>2,2</b>	<b>3,2</b>	<b>4,6</b>	<b>3,8</b>	<b>0,7</b>	<b>0,5</b>	<b>1,0</b>	<b>26,6</b>
1,5	2,1	2,8	3,3	3,9	3,8	2,7	3,3	2,2	1,9	1,6	1,4	31
<b>21,6</b>	<b>10,5</b>	<b>8,8</b>	<b>12,6</b>	<b>7,9</b>	<b>5,1</b>	<b>9,5</b>	<b>5,1</b>	<b>3,6</b>	<b>13,0</b>	<b>20,9</b>	<b>19,6</b>	<b>138,1</b>
19	15	14	11	9,4	8,3	9,3	7,7	9,0	13	15	17	146
<b>80</b>	<b>65</b>	<b>55</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>57</b>	<b>46</b>	<b>45</b>	<b>67</b>	<b>82</b>	<b>79</b>	<b>62</b>
<b>79</b>	<b>73</b>	<b>69</b>	<b>63</b>	<b>60</b>	<b>59</b>	<b>62</b>	<b>59</b>	<b>63</b>	<b>70</b>	<b>74</b>	<b>77</b>	<b>67</b>
<b>6,3</b>	<b>7,4</b>	<b>5,9</b>	<b>4,6</b>	<b>4,7</b>	<b>5,7</b>	<b>4,6</b>	<b>4,2</b>	<b>4,1</b>	<b>5,3</b>	<b>5,0</b>	<b>5,6</b>	<b>5,3</b>
6,5	6,1	6,3	5,6	5,2	5,1	5,3	5,0	5,8	6,0	6,5	6,5	5,8
<b>13</b>	<b>22</b>	<b>11</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>7</b>
15	11	13	8	6	5	5	5	9	12	15	15	10
<b>SV36</b>	<b>SV35</b>	<b>V29</b>	<b>Ø26</b>	<b>Ø20</b>	<b>V34</b>	<b>V22</b>	<b>Ø33</b>	<b>V22</b>	<b>Ø24</b>	<b>Ø36</b>	<b>Ø41</b>	<b>Ø20</b>
V19	Ø18	V22	V20	V20	V29	V35	V28	V28	V22	V22	V23	V24
<b>91</b>	<b>90</b>	<b>90</b>	<b>89</b>	<b>86</b>	<b>83</b>	<b>87</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>90</b>	<b>86</b>	<b>88</b>
<b>89</b>	<b>82</b>	<b>72</b>	<b>67</b>	<b>70</b>	<b>67</b>	<b>70</b>	<b>66</b>	<b>63</b>	<b>77</b>	<b>85</b>	<b>83</b>	<b>74</b>
<b>92</b>	<b>88</b>	<b>86</b>	<b>86</b>	<b>85</b>	<b>84</b>	<b>88</b>	<b>86</b>	<b>85</b>	<b>87</b>	<b>89</b>	<b>85</b>	<b>87</b>
<b>91</b>	<b>87</b>	<b>82</b>	<b>80</b>	<b>80</b>	<b>78</b>	<b>81</b>	<b>79</b>	<b>78</b>	<b>84</b>	<b>89</b>	<b>85</b>	<b>83</b>
<b>91</b>	<b>90</b>	<b>87</b>	<b>80</b>	<b>75</b>	<b>77</b>	<b>79</b>	<b>79</b>	<b>83</b>	<b>87</b>	<b>89</b>	<b>90</b>	<b>84</b>
<b>1,6</b>	<b>2,2</b>	<b>1,3</b>	<b>3,7</b>	<b>9,1</b>	<b>11,4</b>	<b>13,6</b>	<b>15,6</b>	<b>10,6</b>	<b>4,5</b>	<b>2,5</b>	<b>-2,1</b>	<b>6,2</b>
<b>7,1</b>	<b>7,3</b>	<b>6,9</b>	<b>8,1</b>	<b>11,7</b>	<b>13,7</b>	<b>15,7</b>	<b>17,9</b>	<b>13,1</b>	<b>8,7</b>	<b>7,5</b>	<b>5,4</b>	<b>10,3</b>
<b>1012,9</b>	<b>999,2</b>	<b>1013,2</b>	<b>1017,1</b>	<b>1014,5</b>	<b>1012,7</b>	<b>1012,0</b>	<b>1016,0</b>	<b>1018,7</b>	<b>1010,9</b>	<b>1010,9</b>	<b>1023,1</b>	<b>1013,4</b>
1012,1	1014,3	1012,3	1013,0	1014,6	1013,4	1012,5	1012,8	1012,6	1012,9	1009,8	1010,3	1012,5
<b>1016,0</b>	<b>1002,9</b>	<b>1014,8</b>	<b>1017,6</b>	<b>1015,0</b>	<b>1013,9</b>	<b>1012,9</b>	<b>1016,1</b>	<b>1018,9</b>	<b>1010,8</b>	<b>1011,1</b>	<b>1022,8</b>	<b>1014,4</b>
1013,4	1014,8	1013,2	1013,2	1015,1	1014,0	1013,3	1013,8	1014,0	1014,5	1011,3	1011,6	1013,5

\* means that the number is larger than 0,0, but smaller than 0,1.

<sup>2</sup> N = north, Ø = east, S = south, V = west.

<sup>3</sup> DMI now observes the hours of bright sunshine using measurements of global radiation instead of measurements from a traditional Campbell-Stokes sunshine recorder. The new method is without question more precise than the old one, but implies at the same time that „new“ and „old“ hours of bright sunshine not directly can be compared. Typically the „new“ values are lower during the summertime and higher during the winter compared to the „old“ values. The stated values are given according to the new method. The difference in the hours of bright sunshine measured with the old and the new method are described in Ellen Vaarby Laursen and Stig Rosenørn: New hours of bright sunshine normals for Denmark, 1961-1990. DMI Technical Report 02-25, 2002, which can be downloaded from the DMI website: <http://www.dmi.dk/f+u/publikation/tekrap/2002/Tr02-25.pdf>.