



Climate normals Davos

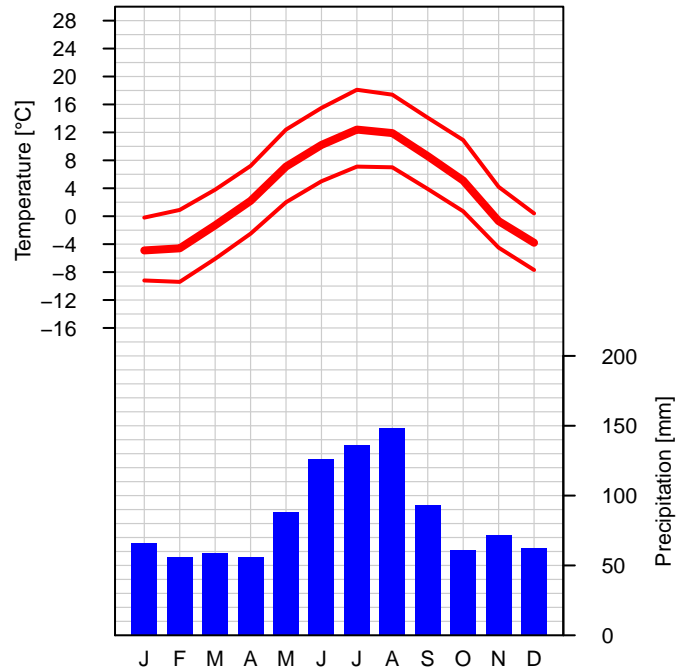
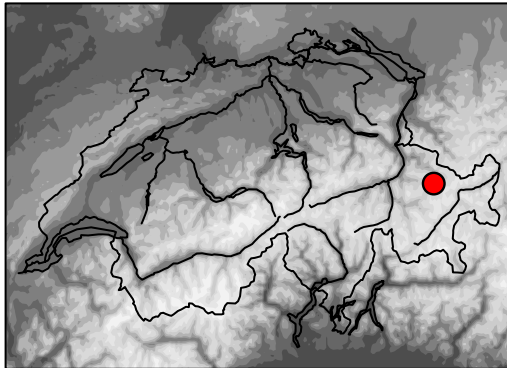
Reference period 1981–2010

Altitude a.s.l.: 1594 m

Geogr. coord.: 46.81 N / 9.84 E

Swiss coord.: 2'783'519 / 1'187'459

Climate region: Northern and central
Grisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Temperature [°C]	-4.9	-4.6	-1.3	2.2	7.1	10.2	12.4	11.9	8.6	5.1	-0.7	-3.8	3.5
Maximum temp [°C]	-0.2	0.9	3.8	7.2	12.4	15.5	18.1	17.4	14.1	10.9	4.2	0.4	8.7
Minimum temp [°C]	-9.2	-9.4	-6.1	-2.5	2.0	5.0	7.1	7.0	3.9	0.7	-4.5	-7.7	-1.1
Ice days [days]	14.6	11.7	7.8	2.6	0.1	0.0	0.0	0.0	0.0	0.9	7.2	13.2	58.1
Frost days [days]	30.8	28.2	28.9	23.6	7.6	1.6	0.1	0.3	3.2	12.3	26.1	30.3	193.0
Summer days [days]	0.0	0.0	0.0	0.0	0.0	0.5	1.9	1.1	0.0	0.0	0.0	0.0	3.5
Heat days [days]	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
Sunshine [h]	111	121	144	138	151	162	187	175	159	149	104	93	1696
Sunshine [%]	54	53	48	44	44	45	52	53	52	55	50	48	49
Bright days [days]	12.7	11.3	9.2	7.3	6.5	6.2	9.3	10.2	10.4	11.7	10.5	10.9	116.2
Cloudy days [days]	10.4	9.0	10.4	10.8	10.4	9.5	8.5	8.5	9.1	9.1	11.0	12.0	118.7
Precipitation sum [mm]	66	56	59	56	88	126	136	148	93	61	72	62	1022
Precipitation 1 mm [days]	8.8	7.6	9.7	9.6	11.9	13.6	13.2	13.5	9.9	8.0	9.4	9.5	124.7
Precipitation 5 mm [days]	3.9	3.4	3.6	3.5	5.8	7.2	8.0	8.4	5.3	3.7	4.4	4.4	61.6
Precipitation 10 mm [days]	2.1	1.5	1.7	1.5	2.7	4.2	4.7	5.2	3.1	1.9	2.1	1.6	32.3
Precipitation 50 mm [days]	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.1	0.0	0.1	0.7
Precipitation 100 mm [days]	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



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Precipitation 0%–q [mm]	1	4	8	16	32	63	51	29	28	3	22	14	723
Precipitation 20%–q [mm]	16	28	33	30	59	94	97	105	52	35	36	33	915
Precipitation 40%–q [mm]	43	37	42	47	69	112	117	134	73	47	50	47	986
Precipitation 60%–q [mm]	65	47	56	63	93	118	144	167	94	61	68	56	1018
Precipitation 80%–q [mm]	102	66	81	75	122	157	164	187	127	82	94	92	1165
Precipitation 100%–q [mm]	193	237	178	137	204	288	245	234	227	194	225	192	1370
Snowfall [cm]	90	78	67	51	13	3	1	1	5	17	66	76	468
Snowfall [days]	11.3	10.5	11.0	8.5	2.3	0.7	0.2	0.2	0.8	3.0	9.3	11.3	69.1
Snow cover > 0 cm [days]	31.0	28.2	30.4	21.4	3.3	0.8	0.2	0.2	1.1	4.2	18.4	29.3	168.5
Snow cover > 1 cm [days]	31.0	28.2	30.4	20.7	3.0	0.6	0.1	0.2	0.9	3.5	17.4	29.3	165.3
Snow cover > 10 cm [days]	30.9	28.2	29.9	16.7	1.1	0.1	0.0	0.1	0.1	1.5	10.1	26.8	145.5
Snow cover > 50 cm [days]	15.4	22.9	21.6	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	6.1	75.0
Relative humidity [%]	75	72	71	70	71	73	73	76	77	74	77	78	74
Vapor pressure [hPa]	3.4	3.3	4.1	5.0	7.0	8.9	10.4	10.5	8.5	6.5	4.6	3.8	6.3
Air pressure station [hPa]	838.3	836.8	836.8	835.8	839.1	841.6	843.2	842.9	842.0	840.5	837.8	837.3	839.3
Air pressure red. 850 [m]	1487	1472	1471	1459	1490	1513	1528	1525	1517	1504	1480	1477	1493
Wind speed [m/s]	1.4	1.6	2.0	2.3	2.3	2.5	2.6	2.4	2.4	2.1	1.8	1.6	2.1
Wind 10 m/s [days]	1.6	1.5	1.2	0.9	1.1	0.9	1.7	1.5	0.6	1.0	0.8	1.5	14.3
Wind 20 m/s [days]	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
Wind 30 m/s [days]	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
Visibility < 100 m [days]	0.4	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.4	1.0	0.3	0.2	4.1
Visibility < 1000 m [days]	5.9	5.5	4.9	4.7	2.1	1.2	0.8	1.1	1.9	3.4	4.7	5.0	41.2

Snow data: MeteoSchweiz, Eidg. Institut für Schnee- und Lawinenforschung



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Legend:

Climate graph:	Graph showing long-term means of monthly mean temperature, mean monthly maximum and minimum temperature as well as monthly precipitation sums of a certain measuring site.
Table:	Long-term means of monthly mean values and monthly sums of different climatological parameters. Missing values (no measurements or measuring period too short) are labeled as "-".
<i>Temperature [°C]</i>	monthly mean temperature
<i>Maximum temp [°C]</i>	monthly mean of daily maximum temperature
<i>Minimum temp [°C]</i>	monthly mean of daily minimum temperature
<i>Ice days [days]</i>	number of days with maximum temperature below 0° Celsius
<i>Frost days [days]</i>	number of days with minimum temperature below 0° Celsius
<i>Summer days [days]</i>	number of days with maximum temperature equal to or above 25° Celsius
<i>Heat days [days]</i>	number of days with maximum temperature equal to or above 30° Celsius
<i>Sunshine [h]</i>	measured sunshine duration
<i>Sunshine [%]</i>	ratio of measured sunshine duration to possible sunshine duration
Bright days [days]	number of days with sunshine duration greater than 80%
Cloudy days [days]	number of days with sunshine duration less than 20%
<i>Precipitation sum [mm]</i>	monthly precipitation sum
<i>Precipitation X mm [days]</i>	number of days with precipitation equal to or above X mm
<i>Precipitation X%-q [mm]</i>	X%-quantile of the monthly precipitation sums (0%: lowest value; 40%: 40%/60% of the values are lower/higher than this value; 100%: highest value) Attention: Annual values do not correspond to the sum of the monthly values.
Snowfall [cm]	monthly snowfall sum
Snowfall [days]	number of days with snowfall equal to or above 1 cm
Snow cover > X cm [days]	number of days with snow cover above X cm
Relative humidity [%]	monthly mean of relative humidity
<i>Vapor pressure [hPa]</i>	monthly mean of vapor pressure
<i>Air pressure station [hPa]</i>	monthly mean of air pressure at station level
<i>Air pressure red. 850 [m]</i>	monthly mean of the geopotential height of the 850 hPa level
<i>Wind speed [m/s]</i>	mean monthly wind speed
Wind X m/s [days]	number of days with wind speed (10min mean) equal to or above X m/s
Visibility < X m [days]	number of days with visibility < X m (at least once a day). A visibility below 1000 m is also called fog.

Homogeneous data series were used to calculate long-term means for the parameters shown in italics. The selection of the parameters is based on the guidelines of the World Meteorological Organization (WMO–No. 1203). The values can change due to continuous quality control and homogeneity updates. Further information on the Swiss climate and on the homogenization topic can be found on www.meteoswiss.ch.