



## Climate normals Genève / Cointrin

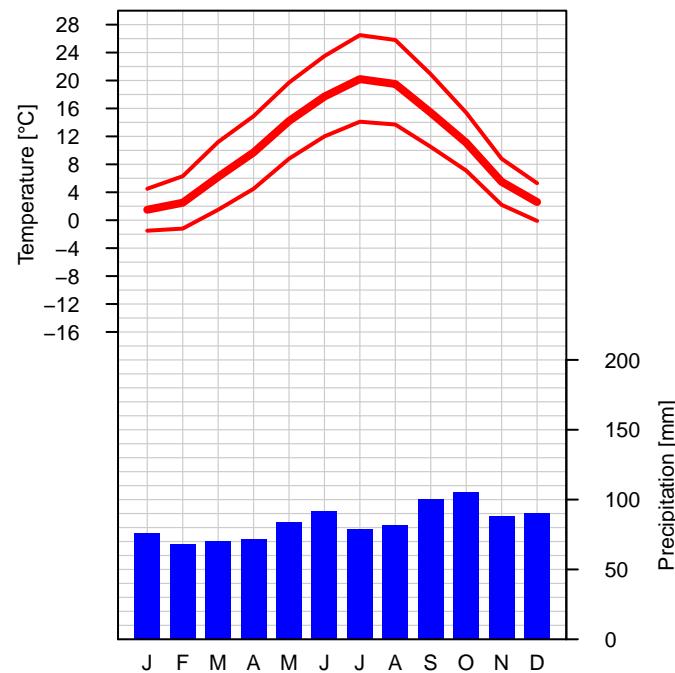
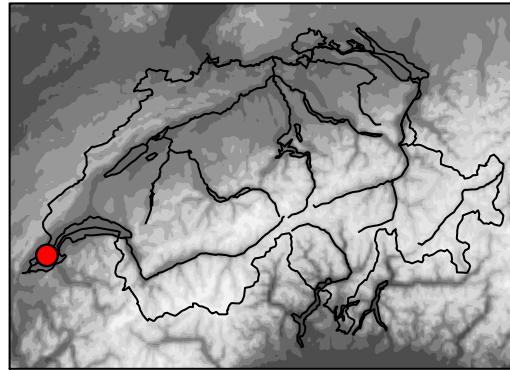
Reference period 1981–2010

**Altitude a.s.l.:** 411 m

**Geogr. coord.:** 46.25 N / 6.13 E

**Swiss coord.:** 2'498'904 / 1'122'632

**Climate region:** Western plateau



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
<b>Temperature [°C]</b>	1.5	2.5	6.2	9.7	14.2	17.7	20.2	19.5	15.4	11.1	5.5	2.6	10.5
<b>Maximum temp [°C]</b>	4.5	6.3	11.2	14.9	19.7	23.5	26.5	25.8	20.9	15.4	8.8	5.3	15.2
<b>Minimum temp [°C]</b>	-1.5	-1.2	1.5	4.5	8.8	12.0	14.1	13.7	10.5	7.1	2.2	-0.1	6.0
<b>Ice days [days]</b>	4.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.2	9.0
<b>Frost days [days]</b>	20.5	18.1	10.8	2.0	0.1	0.0	0.0	0.0	0.0	1.0	8.3	16.1	76.9
<b>Summer days [days]</b>	0.0	0.0	0.0	0.4	3.6	12.4	20.2	17.7	5.4	0.3	0.0	0.0	60.0
<b>Heat days [days]</b>	0.0	0.0	0.0	0.0	0.2	2.6	6.7	5.4	0.1	0.0	0.0	0.0	15.0
<b>Sunshine [h]</b>	55	84	148	170	192	233	260	228	176	111	64	48	1768
<b>Sunshine [%]</b>	23	33	46	46	45	54	60	58	53	38	26	21	45
<b>Bright days [days]</b>	3.1	4.7	7.5	7.8	6.8	8.3	10.4	10.6	9.0	5.2	3.4	2.5	79.3
<b>Cloudy days [days]</b>	19.4	14.0	10.6	9.9	9.3	6.4	5.0	5.9	7.5	12.2	17.4	20.6	138.2
<b>Precipitation sum [mm]</b>	76	68	70	72	84	92	79	82	100	105	88	90	1005
<b>Precipitation 1 mm [days]</b>	9.5	8.1	9.0	8.9	10.6	9.3	7.6	7.9	8.1	10.1	9.9	10.0	109.0
<b>Precipitation 5 mm [days]</b>	5.1	4.4	4.4	4.5	5.7	5.1	4.2	4.8	4.8	6.5	5.5	5.9	60.9
<b>Precipitation 10 mm [days]</b>	2.5	2.2	2.4	2.3	2.9	3.3	2.7	2.8	3.3	3.7	2.9	3.2	34.2
<b>Precipitation 50 mm [days]</b>	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.1	0.0	0.5
<b>Precipitation 100 mm [days]</b>	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]	9	7	5	3	20	12	10	6	7	2	34	28	644
Precipitation 20%-q [mm]	43	27	27	29	43	52	50	51	45	51	47	52	883
Precipitation 40%-q [mm]	54	51	58	53	70	68	64	75	68	84	64	76	990
Precipitation 60%-q [mm]	78	74	79	88	94	95	85	88	96	119	82	92	1055
Precipitation 80%-q [mm]	120	98	90	117	118	132	114	109	153	145	118	118	1139
Precipitation 100%-q [mm]	192	203	282	161	223	229	145	206	318	218	295	233	1231
Snowfall [cm]	11	8	3	0	0	0	0	0	0	0	3	7	32
Snowfall [days]	2.5	2.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.0	8.2
Snow cover > 0 cm [days]	6.8	4.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.9	17.1
Snow cover > 1 cm [days]	5.2	2.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.0	12.9
Snow cover > 10 cm [days]	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.4
Snow cover > 50 cm [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
Relative humidity [%]	81	76	69	67	69	66	64	67	73	79	81	81	73
Vapor pressure [hPa]	5.7	5.7	6.6	7.9	11.0	13.3	14.9	14.9	12.9	10.6	7.5	6.1	9.8
Air pressure station [hPa]	971.6	969.9	968.5	965.4	966.9	968.4	969.0	968.7	969.1	969.1	968.8	969.8	968.8
Air pressure red. sea [hPa]	1022	1020	1018	1014	1015	1016	1016	1016	1017	1018	1019	1020	1018
Wind speed [m/s]	2.4	2.6	2.9	2.8	2.4	2.3	2.2	2.0	2.1	2.1	2.3	2.6	2.4
Wind 10 m/s [days]	2.0	2.2	2.9	2.3	1.2	1.3	0.7	0.7	1.0	1.1	1.4	2.9	19.7
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]	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.9
Visibility < 1000 m [days]	4.4	2.4	0.8	0.2	0.1	0.1	0.0	0.2	0.5	2.5	3.4	3.4	18.0



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### Legend:

<b>Climate graph:</b>	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.
<b>Table:</b>	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
<i>Bright days [days]</i>	number of days with sunshine duration greater than 80%
<i>Cloudy days [days]</i>	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.
<i>Snowfall [cm]</i>	monthly snowfall sum
<i>Snowfall [days]</i>	number of days with snowfall equal to or above 1 cm
<i>Snow cover &gt; X cm [days]</i>	number of days with snow cover above X cm
<i>Relative humidity [%]</i>	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. sea [hPa]</i>	monthly mean of air pressure reduced to sea level
<i>Wind speed [m/s]</i>	mean monthly wind speed
<i>Wind X m/s [days]</i>	number of days with wind speed (10min mean) equal to or above X m/s
<i>Visibility &lt; X m [days]</i>	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](http://www.meteoswiss.ch).