



Climate normals Montreux–Clarens

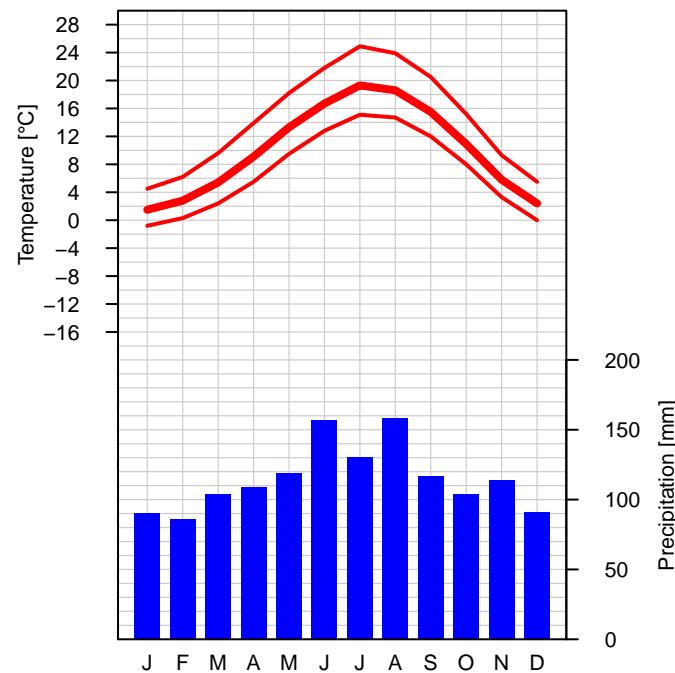
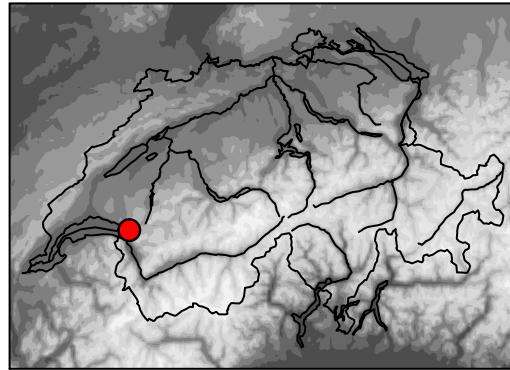
Reference period 1961–1990

Altitude a.s.l.: 405 m

Geogr. coord.: 46.44 N / 6.9 E

Swiss coord.: 2'558'560 / 1'143'600

Climate region: Western plateau



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Temperature [°C]	1.5	2.8	5.4	9.1	13.3	16.7	19.3	18.6	15.5	10.9	5.8	2.4	10.1
Maximum temp [°C]	4.5	6.2	9.6	13.9	18.2	21.8	24.9	23.9	20.5	15.2	9.3	5.5	14.5
Minimum temp [°C]	-0.8	0.3	2.4	5.5	9.5	12.8	15.1	14.7	12.0	8.0	3.3	0.0	6.9
Ice days [days]	2.9	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.7	5.7
Frost days [days]	15.6	12.1	5.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.2	14.7	53.3
Summer days [days]	0.0	0.0	0.0	0.0	1.1	7.5	16.8	13.1	2.8	0.2	0.0	0.0	41.5
Heat days [days]	0.0	0.0	0.0	0.0	0.0	0.5	2.6	1.4	0.1	0.0	0.0	0.0	4.6
Sunshine [h]	—	—	—	—	—	—	—	—	—	—	—	—	—
Sunshine [%]	—	—	—	—	—	—	—	—	—	—	—	—	—
Bright days [days]	—	—	—	—	—	—	—	—	—	—	—	—	—
Cloudy days [days]	—	—	—	—	—	—	—	—	—	—	—	—	—
Precipitation sum [mm]	90	86	104	109	119	157	130	158	117	104	114	91	1379
Precipitation 1 mm [days]	11.6	10.6	12.4	11.9	13.8	13.1	10.3	12.0	9.5	8.9	11.0	11.3	136.4
Precipitation 5 mm [days]	6.3	6.0	6.9	7.0	7.6	8.5	7.3	7.8	6.0	5.8	6.9	6.4	82.5
Precipitation 10 mm [days]	2.9	3.1	3.8	3.9	3.8	5.5	4.4	5.5	4.2	3.7	4.2	3.3	48.3
Precipitation 50 mm [days]	0.0	0.0	0.1	0.0	0.1	0.1	0.3	0.3	0.2	0.0	0.1	0.0	1.2
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



Climate normals Montreux–Clarens

Reference period 1961–1990

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Precipitation 0%-q [mm]	11	18	13	21	59	26	27	65	16	4	24	4	886
Precipitation 20%-q [mm]	50	51	64	58	89	87	88	96	57	60	76	52	1156
Precipitation 40%-q [mm]	81	69	92	86	97	130	113	151	91	87	87	76	1356
Precipitation 60%-q [mm]	105	91	108	105	115	176	142	165	115	104	118	96	1450
Precipitation 80%-q [mm]	120	120	156	163	153	234	175	193	170	146	154	140	1523
Precipitation 100%-q [mm]	193	198	188	259	234	338	280	367	360	231	250	201	1858
Snowfall [cm]	10	8	4	1	0	0	0	0	0	0	3	8	34
Snowfall [days]	2.7	1.9	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.0	8.6
Snow cover > 0 cm [days]	6.5	3.3	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.1	3.8	16.4
Snow cover > 1 cm [days]	5.1	2.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.9	11.8
Snow cover > 10 cm [days]	1.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	77	73	70	71	71	69	72	76	81	80	81	75
Vapor pressure [hPa]	5.7	5.9	6.8	8.3	11.1	13.5	15.2	15.2	13.4	10.6	7.5	6.1	9.9
Air pressure station [hPa]	970.3	968.1	968.1	966.0	967.5	969.3	970.4	969.8	971.0	970.7	969.4	970.0	969.2
Air pressure red. sea [hPa]	—	—	—	—	—	—	—	—	—	—	—	—	—
Wind speed [m/s]	—	—	—	—	—	—	—	—	—	—	—	—	—
Wind 10 m/s [days]	—	—	—	—	—	—	—	—	—	—	—	—	—
Wind 20 m/s [days]	—	—	—	—	—	—	—	—	—	—	—	—	—
Wind 30 m/s [days]	—	—	—	—	—	—	—	—	—	—	—	—	—
Visibility < 100 m [days]	—	—	—	—	—	—	—	—	—	—	—	—	—
Visibility < 1000 m [days]	—	—	—	—	—	—	—	—	—	—	—	—	—



Climate normals Montreux–Clarens

Reference period 1961–1990

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
<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 > 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 < 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.