Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Home Affairs FDHA
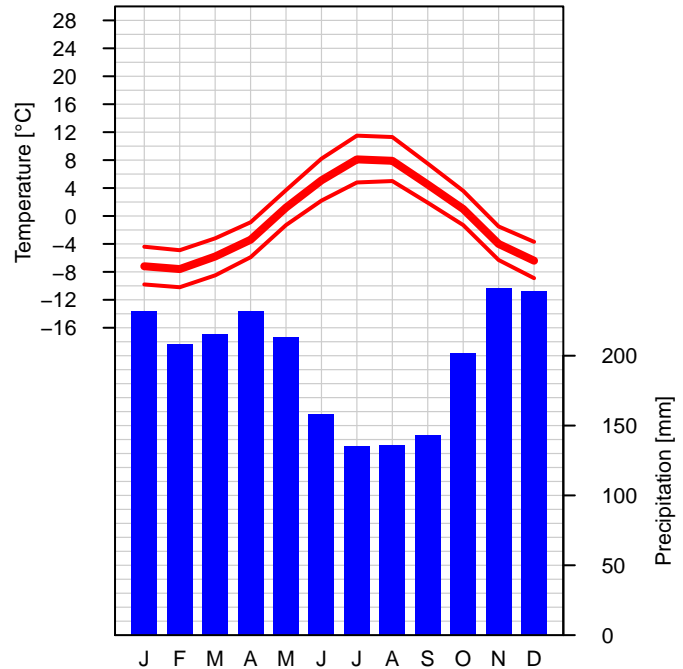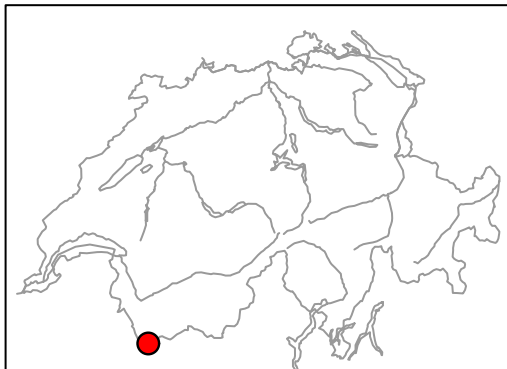**Federal Office of Meteorology and Climatology MeteoSwiss**

MeteoSwiss

Climate normals Col du Grand St–Bernard
Reference period 1981–2010

Altitude a.s.l.: 2472 m

Geogr. coord.: 45.87 N / 7.17 E

Swiss coord.: 579199 / 79720

Climate region: Alpine south side

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Period
Temperature [°C]	−7.2	−7.6	−5.8	−3.4	1.2	5.1	8.1	7.9	4.5	1.0	−4.0	−6.4	−0.6	1981–2010
Maximum temp [°C]	−4.4	−4.9	−3.2	−0.9	3.7	8.2	11.5	11.3	7.5	3.6	−1.5	−3.7	2.3	1981–2010
Minimum temp [°C]	−9.8	−10.2	−8.5	−5.9	−1.3	2.2	4.8	5.0	1.9	−1.3	−6.3	−8.9	−3.2	1981–2010
Ice days [days]	25.8	23.5	23.1	17.5	4.9	0.8	0.1	0.1	1.5	5.9	18.6	25.1	146.9	1981–2010
Frost days [days]	30.9	28.1	30.8	28.8	19.2	9.1	2.8	2.7	8.8	18.3	27.8	30.5	237.8	1981–2010
Summer 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	1981–2010
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	1981–2010
Relative humidity [%]	66	68	75	81	82	77	75	76	78	76	72	68	74	1981–2010
Precipitation [mm]	232	208	215	232	213	158	135	136	143	202	248	246	2368	1981–2010
Precipitation [days]	13.6	12.0	14.3	14.9	16.0	13.2	12.0	12.3	10.9	12.3	13.3	14.0	158.8	1981–2010
Snowfall [cm]	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Snowfall [days]	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Snow cover [days]	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sunshine [h]	55	106	151	139	149	183	212	198	160	125	67	25	1571	1981–2010
Sunshine [%]	48	50	48	39	38	47	53	52	50	47	44	45	47	1981–2010
Bright days [days]	12.6	11.2	10.4	7.5	6.4	7.4	8.8	8.9	9.8	10.8	10.1	12.2	116.1	1981–2010
Cloudy days [days]	13.3	10.4	11.3	14.1	14.1	9.1	7.5	8.4	10.0	12.0	13.5	14.8	138.5	1981–2010

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Home Affairs FDHA
Federal Office of Meteorology and Climatology MeteoSwiss

MeteoSwiss

Climate normals Col du Grand St–Bernard
Reference period 1981–2010

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 shorter than 10 years) are labeled as "–".
Temperature [°C]	monthly mean temperature
Maximum temp [°C]	monthly mean of daily maximum temperature
Minimum temp [°C]	monthly mean of daily minimum temperature
Ice days [days]	number of days with maximum temperature below 0° Celsius
Frost days [days]	number of days with minimum temperature below 0° Celsius
Summer days [days]	number of days with maximum temperature equal to or above 25° Celsius
Heat days [days]	number of days with maximum temperature equal to or above 30° Celsius
Relative humidity [%]	monthly mean of relative humidity
Precipitation [mm]	monthly precipitation sum
Precipitation [days]	number of days with precipitation equal to or above 1 mm
Snowfall [cm]	monthly snowfall sum
Snowfall [days]	number of days with snowfall equal to or above 1 cm
Snow cover [days]	number of days with snow cover equal to or above 1cm
Sunshine [h]	measured sunshine duration
Sunshine [%]	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%
Period:	First and last year of analysed period. Possible gaps in the data series are not separately mentioned.

Homogeneous data series were used to calculate long–term means except for parameters shown in italics. 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.