



## Climate normals Interlaken

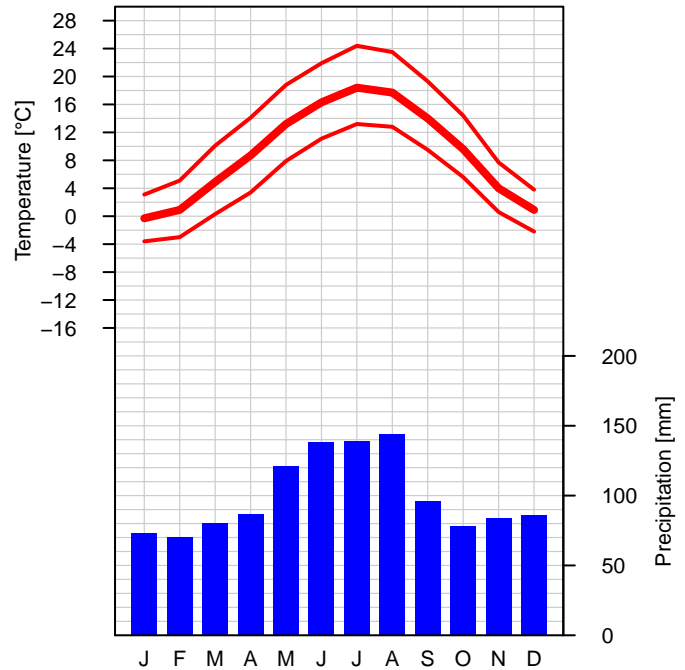
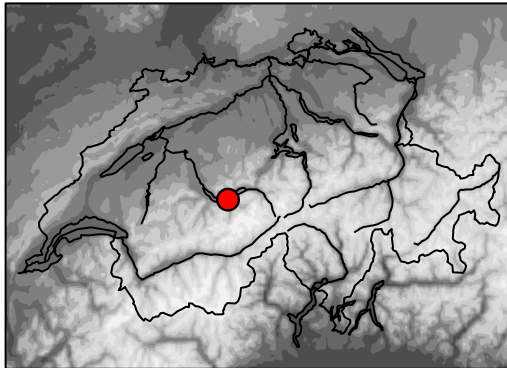
Reference period 1981–2010

**Altitude a.s.l.:** 577 m

**Geogr. coord.:** 46.67 N / 7.87 E

**Swiss coord.:** 2'633'023 / 1'169'092

**Climate region:** Western Alpine north slope



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Temperature [°C]	-0.3	0.9	4.9	8.7	13.2	16.3	18.4	17.7	14.0	9.6	4.0	0.9	9.0
Maximum temp [°C]	3.1	5.1	10.1	14.1	18.8	21.9	24.4	23.5	19.3	14.4	7.7	3.8	13.9
Minimum temp [°C]	-3.6	-3.0	0.3	3.4	7.9	11.1	13.2	12.8	9.5	5.6	0.6	-2.2	4.6
Ice days [days]	6.5	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.5	16.0
Frost days [days]	24.9	21.7	13.2	3.0	0.0	0.0	0.0	0.0	0.0	1.2	12.0	22.1	98.1
Summer days [days]	0.0	0.0	0.0	0.2	2.9	9.2	15.4	12.3	2.3	0.0	0.0	0.0	42.3
Heat days [days]	0.0	0.0	0.0	0.0	0.1	1.0	2.8	1.7	0.0	0.0	0.0	0.0	5.6
Sunshine [h]	67	79	121	151	176	188	219	193	150	104	68	53	1570
Sunshine [%]	42	47	46	44	43	44	51	52	52	51	42	35	46
Bright days [days]	9.2	9.7	9.5	7.1	5.8	5.5	7.2	9.0	10.0	11.1	9.2	6.8	100.1
Cloudy days [days]	14.3	11.6	12.1	10.4	10.2	9.3	7.0	8.1	8.8	10.5	13.6	16.7	132.6
Precipitation sum [mm]	73	70	80	87	121	138	139	144	96	78	84	86	1196
Precipitation 1 mm [days]	9.6	8.7	11.0	10.6	12.7	13.4	12.4	12.6	9.5	9.3	9.7	9.6	129.1
Precipitation 5 mm [days]	4.3	4.2	5.4	5.6	7.5	8.3	8.0	8.4	5.7	5.3	5.1	5.3	73.1
Precipitation 10 mm [days]	2.1	2.3	2.5	2.8	4.4	5.0	4.9	5.4	3.5	2.8	2.7	2.9	41.3
Precipitation 50 mm [days]	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	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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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
<b>Precipitation 0%–q [mm]</b>	6	12	30	20	19	56	16	26	31	2	12	32	890
<b>Precipitation 20%–q [mm]</b>	35	26	48	54	67	91	98	107	63	48	44	46	1044
<b>Precipitation 40%–q [mm]</b>	55	43	59	74	103	122	123	128	77	60	65	64	1158
<b>Precipitation 60%–q [mm]</b>	74	72	81	94	138	158	159	149	103	83	83	102	1226
<b>Precipitation 80%–q [mm]</b>	102	93	105	118	176	180	178	173	127	119	106	123	1316
<b>Precipitation 100%–q [mm]</b>	178	232	213	176	209	207	317	292	211	152	244	186	1566
<b>Snowfall [cm]</b>	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Snowfall [days]</b>	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Snow cover &gt; 0 cm [days]</b>	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Snow cover &gt; 1 cm [days]</b>	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Snow cover &gt; 10 cm [days]</b>	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Snow cover &gt; 50 cm [days]</b>	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Relative humidity [%]</b>	82	78	73	70	72	73	73	76	80	82	83	83	77
<b>Vapor pressure [hPa]</b>	5.2	5.3	6.5	7.7	10.7	13.5	15.4	15.4	12.9	10.3	7.2	5.7	9.7
<b>Air pressure station [hPa]</b>	951.4	949.8	948.8	946.1	947.9	949.8	950.5	950.3	950.4	949.9	949.1	949.8	949.5
<b>Air pressure red. sea [hPa]</b>	1022	1020	1018	1014	1015	1016	1016	1016	1017	1018	1019	1020	1018
<b>Wind speed [m/s]</b>	1.6	1.7	1.9	2.1	2.0	1.9	1.9	1.6	1.6	1.5	1.5	1.7	1.8
<b>Wind 10 m/s [days]</b>	0.7	0.6	0.7	1.8	1.1	0.9	1.2	0.5	0.7	0.5	0.5	0.7	9.9
<b>Wind 20 m/s [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
<b>Wind 30 m/s [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
<b>Visibility &lt; 100 m [days]</b>	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Visibility &lt; 1000 m [days]</b>	–	–	–	–	–	–	–	–	–	–	–	–	–



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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
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. sea [hPa]</i>	monthly mean of air pressure reduced to sea 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](http://www.meteoswiss.ch).