



Climate normals Disentis

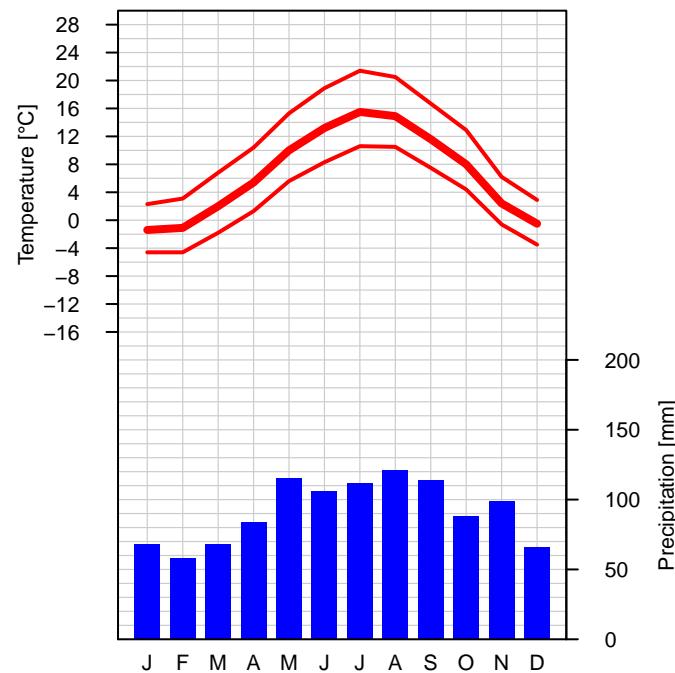
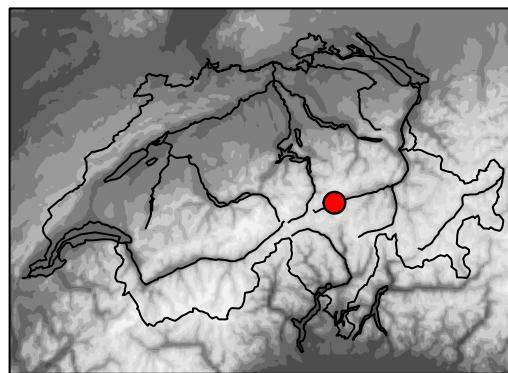
Reference period 1981–2010

Altitude a.s.l.: 1197 m

Geogr. coord.: 46.71 N / 8.85 E

Swiss coord.: 2'708'191 / 1'173'793

Climate region: Northern and central
Grisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Temperature [°C]	-1.4	-1.1	2.0	5.4	10.0	13.2	15.5	14.9	11.6	8.0	2.4	-0.5	6.7
Maximum temp [°C]	2.3	3.1	6.8	10.4	15.3	18.9	21.4	20.5	16.7	12.9	6.2	2.9	11.5
Minimum temp [°C]	-4.6	-4.6	-1.8	1.3	5.6	8.3	10.6	10.5	7.5	4.4	-0.6	-3.5	2.8
Ice days [days]	8.4	7.9	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.1	4.1	8.8	32.4
Frost days [days]	26.9	23.6	19.8	11.1	1.5	0.2	0.0	0.0	0.3	3.9	16.7	23.6	127.6
Summer days [days]	0.0	0.0	0.0	0.0	0.4	4.2	8.6	5.9	0.8	0.0	0.0	0.0	19.9
Heat days [days]	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.0	0.0	0.0	0.0	1.0
Sunshine [h]	87	98	131	130	143	167	195	181	154	120	79	73	1557
Sunshine [%]	49	49	45	39	38	43	50	52	50	50	44	44	46
Bright days [days]	11.2	10.5	8.7	6.0	4.9	5.6	7.5	7.6	9.1	10.6	9.2	9.7	100.6
Cloudy days [days]	11.9	10.5	11.7	13.1	12.9	9.4	7.4	8.7	9.1	11.2	13.1	13.1	132.1
Precipitation sum [mm]	68	58	68	84	115	106	112	121	114	88	99	66	1101
Precipitation 1 mm [days]	8.4	7.8	9.3	8.9	11.8	11.9	11.4	12.5	9.5	8.8	9.4	9.0	118.7
Precipitation 5 mm [days]	3.9	3.3	3.8	3.9	5.9	5.7	6.2	6.7	4.8	5.0	4.7	4.1	58.0
Precipitation 10 mm [days]	2.2	1.7	2.1	2.5	3.2	2.9	3.5	3.8	2.9	2.5	2.5	2.1	31.9
Precipitation 50 mm [days]	0.1	0.0	0.1	0.2	0.3	0.2	0.2	0.1	0.5	0.2	0.2	0.1	2.2
Precipitation 100 mm [days]	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2



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Precipitation 0%-q [mm]	0	5	4	9	20	28	28	18	11	1	9	12	731
Precipitation 20%-q [mm]	26	23	32	25	47	66	81	83	38	32	38	36	916
Precipitation 40%-q [mm]	53	38	53	48	80	76	100	114	72	73	60	57	1064
Precipitation 60%-q [mm]	66	56	67	85	108	100	117	125	121	82	86	65	1147
Precipitation 80%-q [mm]	127	86	102	123	146	151	139	160	195	127	118	87	1282
Precipitation 100%-q [mm]	163	188	184	301	372	252	237	212	273	309	519	206	1578
Snowfall [cm]	81	71	55	38	9	1	0	0	1	12	51	63	382
Snowfall [days]	10.2	9.6	8.2	5.4	1.1	0.2	0.0	0.0	0.1	1.3	6.9	9.1	52.1
Snow cover > 0 cm [days]	26.6	26.7	23.2	9.9	1.3	0.2	0.0	0.0	0.2	1.6	12.6	23.1	125.4
Snow cover > 1 cm [days]	26.2	26.6	22.8	8.7	1.1	0.2	0.0	0.0	0.1	1.3	11.2	22.0	120.2
Snow cover > 10 cm [days]	21.3	23.6	18.6	5.0	0.5	0.0	0.0	0.0	0.0	0.7	5.1	13.9	88.7
Snow cover > 50 cm [days]	8.0	12.8	7.9	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.5	3.0	32.7
Relative humidity [%]	68	67	67	66	67	69	69	72	73	71	73	71	69
Vapor pressure [hPa]	3.9	3.9	4.8	6.0	8.3	10.4	12.0	12.2	10.0	7.7	5.5	4.3	7.4
Air pressure station [hPa]	881.5	879.9	879.5	878.0	880.6	882.7	884.0	883.7	883.3	882.4	880.4	880.3	881.4
Air pressure red. 850 [m]	1487	1473	1473	1462	1491	1514	1529	1525	1518	1505	1481	1477	1495
Wind speed [m/s]	0.9	0.9	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.0	0.9	0.9	1.1
Wind 10 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 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	0.5	0.3	0.1	0.2	0.1	0.0	0.1	0.2	0.3	0.8	0.3	3.1
Visibility < 1000 m [days]	3.5	4.2	4.9	3.5	2.3	1.6	1.4	1.0	1.9	3.3	5.1	3.5	36.2



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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 "-".

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

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%

Precipitation sum [mm]

monthly precipitation sum

Precipitation X mm [days]

number of days with precipitation equal to or above X mm

Precipitation X%-q [mm]

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

Vapor pressure [hPa]

monthly mean of vapor pressure

Air pressure station [hPa]

monthly mean of air pressure at station level

Air pressure red. 850 [m]

monthly mean of the geopotential height of the 850 hPa level

Wind speed [m/s]

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.