# Meteoschweiz

#### Available weather stations

	Station	Data since	Elevation	Latitude	itude Longitude	
0	Altdorf	01.01.1864	438.00	46.89	8.62	
1	Andermatt	01.01.1864	1438.00	46.63	8.58	
2	Basel / Binningen	01.01.1755	316.00	47.54	7.58	
3	Bern / Zollikofen	01.01.1864	553.00	46.99	7.46	
4	La Chaux-de-Fonds	01.01.1900	1017.00	47.08	6.79	
5	Château-d'Oex	01.01.1879	1028.00	46.48	7.14	
6	Chaumont	01.01.1864	1136.00	47.05	6.98	
7	Davos	01.01.1864	1594.00	46.81	9.84	
8	Elm	01.02.1878	958.00	46.92	9.18	
9	Engelberg	01.01.1864	1036.00	46.82	8.41	
10	Grächen	01.01.1864	1605.00	46.20	7.84	
11	Grimsel Hospiz	01.01.1932	1980.00	46.57	8.33	
12	Col du Grand St-Bernard	01.01.1818	2472.00	45.87	7.17	
13	Genève / Cointrin	01.01.1753	411.00	46.25	6.13	
14	Jungfraujoch	01.01.1933	3571.00	46.55	7.99	
15	Lugano	01.01.1864	273.00	46.00	8.96	
16	Luzern	01.01.1864	454.00	47.04	8.30	
17	Meiringen	01.07.1889	589.00	46.73	8.17	
18	Neuchâtel	01.01.1864	485.00	47.00 6.9		
19	Locarno / Monti	01.12.1882	367.00	46.17	8.79	
20	Payerne	01.08.1964	490.00	46.81	6.94	
21	Bad Ragaz	01.06.1870	497.00	47.02	9.50	
22	Säntis	01.01.1864	2501.00	47.25	9.34	
23	Samedan	01.01.1864	1709.00	46.53	9.88	
24	S. Bernardino	01.01.1864	1639.00	46.46	9.18	
25	Segl-Maria	01.12.1863	1804.00	46.43	9.76	
26	Sion	01.01.1864	482.00	46.22	7.33	
27	Zürich / Fluntern	01.01.1864	556.00	47.38	8.57	
28	St. Gallen	01.01.1864	776.00	47.43	9.40	

# Specific weather station

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The label of weather station Lugano is LUG.

#### Current online observations

#### **Summary statistics**

	gre000d0	${\tt hto000d0}$	${\tt nto000d0}$	prestad0	rre150d0	${\tt sre000d0}$	${\tt tre200d0}$	tre200dn	\
count	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	
mean	141.5	0.0	59.1	980.2	5.0	323.1	13.6	10.2	
std	94.2	0.4	31.5	7.7	12.3	232.6	6.6	6.2	
min	5.0	0.0	0.0	954.3	0.0	0.0	1.0	-1.9	
25%	73.0	0.0	33.0	976.0	0.0	94.2	7.9	5.1	
50%	108.0	0.0	63.0	980.2	0.0	364.5	12.8	9.4	
75%	222.2	0.0	88.0	985.1	3.2	503.2	18.2	14.8	
max	355.0	7.0	100.0	1003.5	80.6	760.0	27.4	23.9	

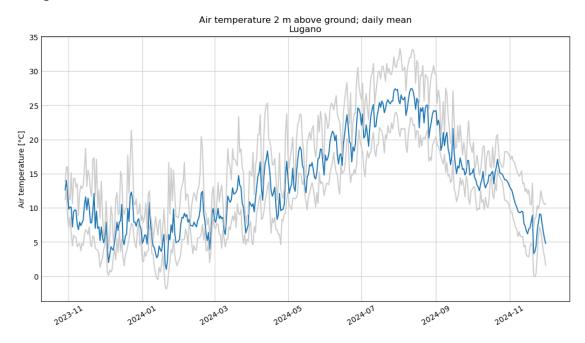
	tre200dx	ure200d0
${\tt count}$	400.0	400.0
mean	17.7	73.8
std	7.2	14.8
min	4.1	18.2
25%	12.0	67.6
50%	17.0	75.2
75%	23.0	84.0
max	33.3	98.6

400 observations from 2023-10-29 00:00:00 to 2024-12-01 00:00:00.

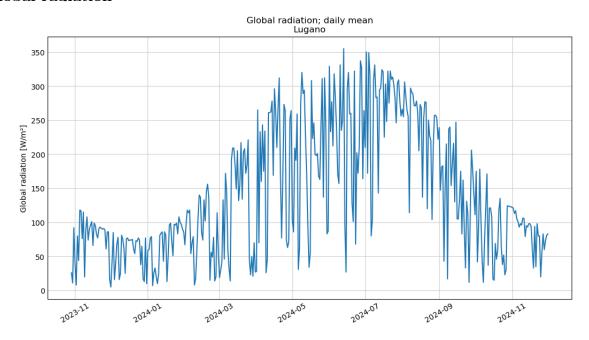
#### Description of observed parameters

Beschreibung	Einheit	Parameter	
Globalstrahlung; Tagesmittel	$W/m^2$	gre000d0	0
Gesamtschneehöhe; Morgenmessung von 6 UTC	cm	hto000d0	1
Gesamtbewölkung; Tagesmittel	%	nto000d0	2
Luftdruck auf Stationshöhe (QFE); Tagesmittel	hPa	prestad0	3
Niederschlag; Tagessumme 6 UTC - 6 UTC Folgetag	mm	rre150d0	4
Sonnenscheindauer; Tagessumme	min	sre000d0	5
Lufttemperatur 2 m über Boden; Tagesmittel	°C	tre200d0	6
Lufttemperatur 2 m über Boden; Tagesminimum	°C	tre200dn	7
Lufttemperatur 2 m über Boden; Tagesmaximum	°C	tre200dx	8
Relative Luftfeuchtigkeit 2 m über Boden; Tage	%	ure200d0	9

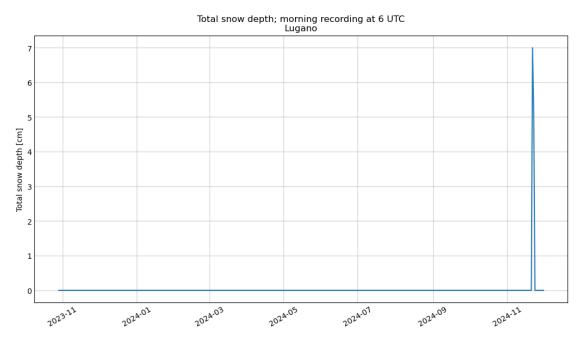
# Air temperature



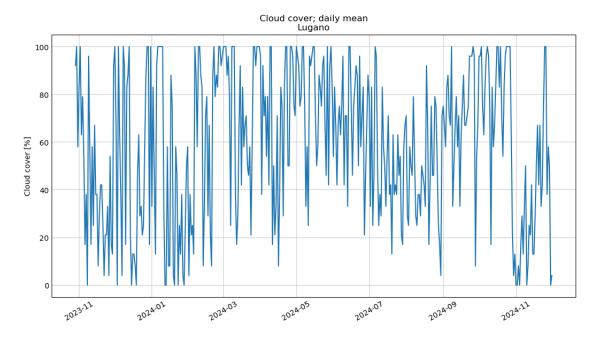
# Global radiation



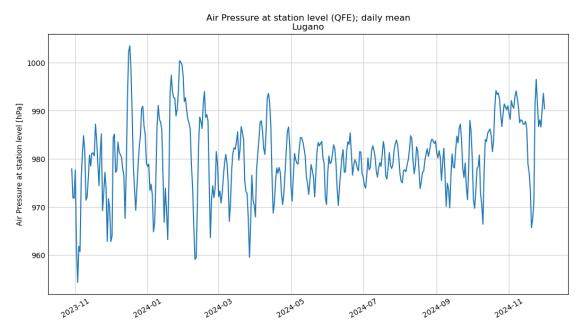
# Total snow depth



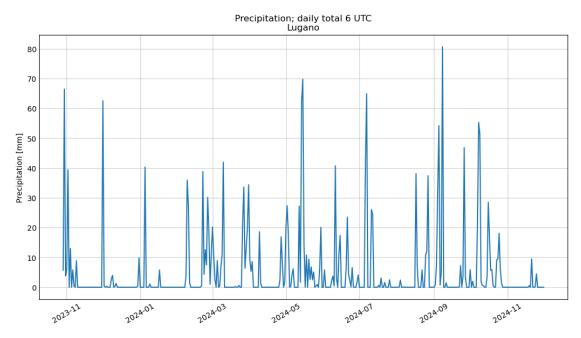
# Cloud cover



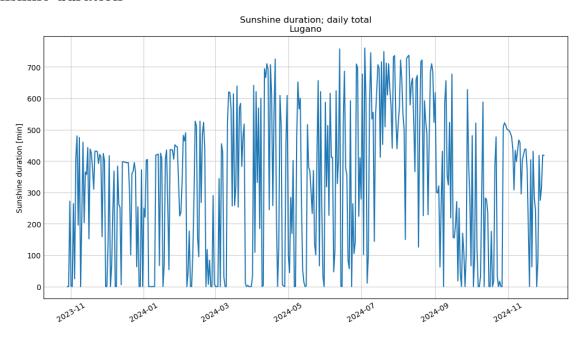
#### Air Pressure



# Precipitation



# Sunshine duration



# Relative air humidity

