

User Manual SensAlpin Datenviewer

The Sensalpin data viewer is an infrastructure that publishes interactive plots in an Internet browser (web or locally on a PC). Access is specific to approved users.

1. Login

The data of the respective user appear in the main menu after a successful login.

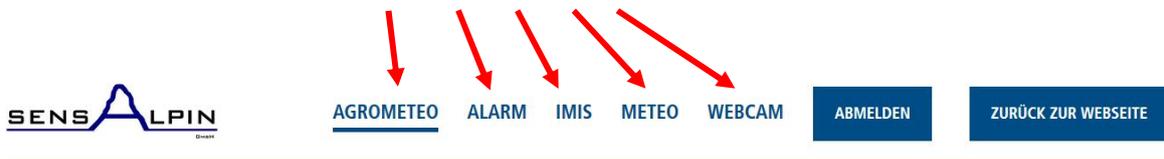


Login

Geben Sie Ihren Benutzernamen und Ihr Passwort ein, um sich im Datenportal anzumelden

Benutzername	Passwort	ANMELDEN
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Depending on the combination of the visible stations, one or more networks appear in the main menu. Each network contains the stations for which the user has display authorization.



2. User Controls

Stationinfo, Dataselection und Export Function

The station selection is at the top of the page. The station can then be selected or searched for in the selection field. In the network Alarm and the IMIS network, the stations are grouped by system.

The screenshot shows the website's navigation bar with the SENSALPIN logo and menu items: AGROMETEO, ALARM (highlighted), IMIS, METEO, and WEBCAM. There are also buttons for 'ABMELDEN' and 'ZURÜCK ZUR WEBSITE'. Below the navigation bar, a dropdown menu is open for 'Alarm: ALPIGLEN - DETEKTION LANGENEGG...'. The dropdown lists several stations: 'Alpiglen', 'Alpiglen - Detektion Langenegglai', 'Alpiglen - Signal Alpiglen Bahnhof', 'Bruchji', and 'Bruchji - Detektion Bruchji'. To the right of the dropdown, there are sections for 'Stationsinfo', 'Stationsdate', 'Import', 'Export', and 'Zeitbereich Da'.

The accordion "Stationsinfo" (station info) can be opened to display this information:

IMIS: ALBULA - ALBULA OSPIZ

Stationsinfo

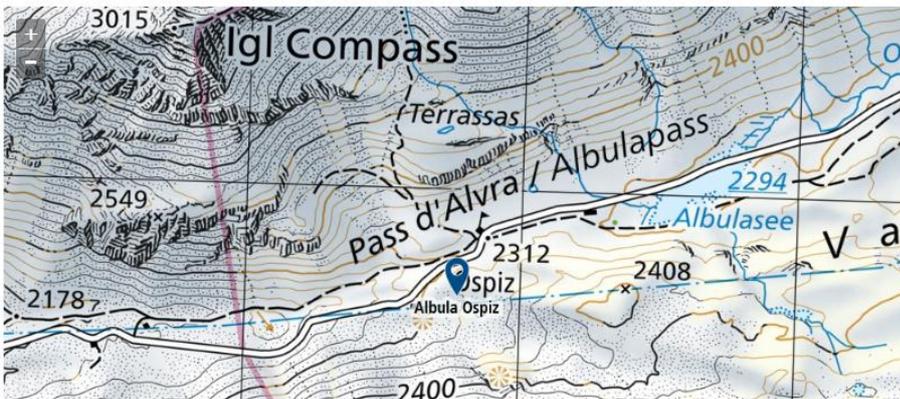


Albula - Albula Ospiz

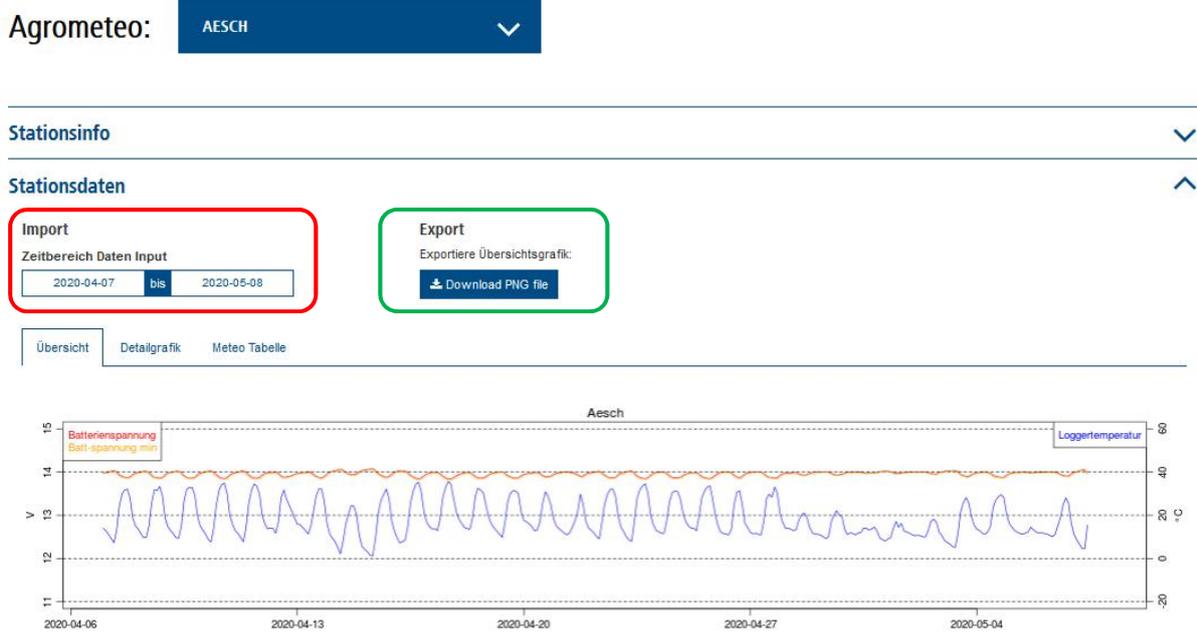
Höhe: 2320 m
 Messnetz: IMIS
 Baujahr: 2019
 Typ: IMIS Schneestation

Messgrößen:
 Windstärke
 Windrichtung
 Lufttemperatur
 Luftfeuchtigkeit
 reflektierte kurzweilige Strahlung
 Schneehöhe
 Temperatur Schneeoberfläche
 Bodentemperatur (ca. 2-10cm)
 Schneetemperaturen (25, 50, 100 cm)

Zusatzinfo Albula
 ehemalige Mietstation Materdell



The time span of the loaded data takes place in the **left** selection. The respective display and output area can be changed interactively in the graphic (see zooming).



The **export functions** corresponding to the data view also appear. This is only displayed if the screen is sufficiently wide. PNG graphics are exported for the plot views. The tables are saved as CSV files. The output area / dataset corresponds to the respective display in the plot or in the table.

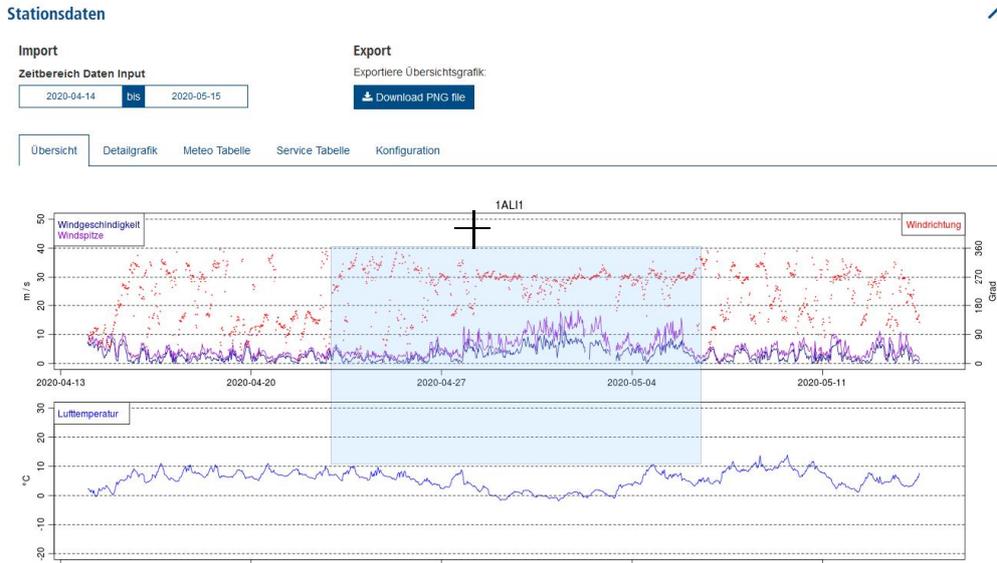
Display Mode

The display of the data can be selected with the tabs above the plotting area. Depending on the release, only the measurement data itself or additional system data can be selected (e.g. service table see below)



Zoom

By clicking, holding and dragging, the mouse can be zoomed into the display. Double-click sets the display back to the entire imported time range. For the detail plots with only one-sided display, the X and Y axes can be zoomed. In the case of overview plots and two-sided plots, only the time range (X-axis) is zoomed.



Tables

Scroll bars appear for tables that are larger than the display window. The tables can be sorted according to each column (click on arrows next to variable names; red arrow). You can search for any value in the search field.

Stationsdaten

Import
 Zeitbereich Daten Input
 2020-04-14 bis 2020-05-15

Export
 Exportiere Meteodaten:
 Download CSV file

Übersicht Detailgrafik **Meteo Tabelle** Pluvio Tabelle Service Tabelle Konfiguration

1AL12 Meteo Daten

Search:

time	VWND1	VWND1_MAX	DWND1	TA	RH	RSWR	HS1	HS2	TS0	TS25	TS50	TS100	TSS
2020-05-14 13:30	0.988	2.425	87.4	6.469	100	145.8	13.96	6999	8.54	11.32	10.71	8.42	12.03
2020-05-14 13:00	0.926	1.975	72.1	6.664	99.9	166.1	14.91	6999	8.36	12.1	11.47	9.04	12.74
2020-05-14 12:30	0.542	2.053	83.1	6.398	99.9	170.9	15.39	6999	8.18	12.25	11.6	9	12.87
2020-05-14 12:00	1.216	2.151	83.3	5.898	100	163.1	15.93	6999	8.02	10.62	9.93	7.91	11.36
2020-05-14 11:30	0.898	2.621	80	6.188	100	164.1	15.6	6999	7.87	11.41	10.96	8.69	12.3
2020-05-14 11:00	0.952	2.875	68.02	5.596	100	112.5	14.73	6999	7.75	9.75	9.32	7.45	10.65
2020-05-14 10:30	0.688	1.877	69.17	5.551	100	99.9	15.69	6999	7.63	8.73	8.66	7.1	9.55
2020-05-14 10:00	0.531	1.858	79.7	5.87	100	117.1	15.11	6999	7.54	9.65	9.43	7.52	10.49
2020-05-14 09:30	0.335	1.506	77.3	5.192	100	73.8	16.18	6999	7.49	7.45	7.56	6.256	8.15
2020-05-14 09:00	0.427	1.232	84.5	5.031	100	40.83	14.67	6999	7.47	6.68	6.847	5.725	7.35
2020-05-14 08:30	0.139	1.408	207.9	5.051	100	26.96	14.62	6999	7.45	6.229	6.43	5.423	6.727

Showing 1 to 12 of 1,466 entries

Meaning of the variable names:

Variabel	Bedeutung	Variabel	Bedeutung
TA	air temperature [°C]	TSS	surface temperaturer [°C]
RH	relative humidityt [%]	TLOG	logger temperature [°C]
HS1	snow height 1 [cm]	VBAT_MEAN	mean battery voltage [V]
HS2	snow height 2 [cm]	VBAT_MIN	minimum battery voltage [V]
VWND1	wind speed [m / s]		
VWND1_MAX	wind guest [m / s]		
DWND1	wind direction [Grad]		
SRAD1	incoming shortwave radiation		
RSWR	reflected shortwave radiation		
BHUM1/2	leave humidity		
TVEG	temperature of vegetation		
TGND1	ground temperature		
SUN_DUR	sunshine duration		
PLU_INT/SUM	precipitation intensity / sum		