



Weather Data Inventory

? What data is available for a selected site?

- Click on either of the icons shown circled in red below to view a site's inventory. This shows start dates and percentage completeness for key weather elements.
- Please note that if weather elements that you require are not shown, or if histories appear too short or incomplete, it is likely that we can find additional data from our secondary archives. Please ask us.

Augsburg - Germany

WMO: 10852, WBAN: 34193, ICAO: EDMA COOP ID: N/A, Lat: 48.43, Long: 10.93, Alt: 461.00, SWS_ID: 51448, Source ID: GER_10852

Previous Next Download Table

Please note in many cases, especially for hourly variables, we show only part of our data inventory. If weather variables you require are missing or history is shorter than you require, please contact us.

SWD 15-day forecast Site.
 Cleaned daily temperature and rainfall climate history and feeds. Convention: TMax 0000 UTC D-0 to 2359 UTC D-0; TMin 0000 UTC D-0 to 2359 UTC D-0; rainfall 0600 UTC D-0 to 0600 UTC D+1
 Solar radiation units: Joules per cm2

Note - the times of day when climate readings are made have changed many times over the past 100 years in Germany. Pre 1990 the former East and West German Met Services adopted different conventions for climate reporting day. The most recent changes to the

Element Name	Audit Start Date	Audit End Date	% Last 1 Yrs	% Last 5 Yrs	% Last 10 Yrs	% Last 20 Yrs	% Last 30 Yrs	% Complete 1st to Last Day	Has Cleaned Feed	Has Cleaned History
Rain	01/Jan/1947	25/Apr/2013	100.00	100.00	100.00	100.00	100.00	100.00	Yes	Yes
Temperature Ave	01/Jan/1947	25/Apr/2013	100.00	100.00	100.00	100.00	100.00	100.00	Yes	Yes
Temperature Max	01/Jan/1947	25/Apr/2013	100.00	100.00	100.00	100.00	100.00	100.00	Yes	Yes
Temperature Min	01/Jan/1947	25/Apr/2013	100.00	100.00	100.00	100.00	100.00	100.00	Yes	Yes
Snow Depth On Ground	01/Jan/1947	25/Apr/2013	100.00	100.00	100.00	100.00	100.00	100.00		
Snowfall	01/Jan/1950	19/Apr/2013	95.90	99.18	99.59	99.79	99.86	99.96		
Solar Radiation Global	14/Dec/2006	25/Apr/2013	100.00	99.78	POA	POA	POA	99.83		
Sunshine	01/Jan/1947	25/Apr/2013	100.00	100.00	100.00	99.92	99.95	99.98		
Wind Max Gust	01/Jan/1971	25/Apr/2013	99.73	99.95	99.97	99.89	99.93	99.89		
Hourly Temperature Ave	01/Jan/1989	25/Apr/2013	99.99	100.00	100.00	100.00	POA	100.00		
Hourly Rain	27/Feb/1996	25/Apr/2013	99.35	98.54	99.25	POA	POA	94.60		
Hourly Cloud Cover	01/Jan/1989	25/Apr/2013	98.92	98.78	99.38	99.55	POA	99.33		
Hourly DewPoint	01/Jan/1989	25/Apr/2013	99.86	99.77	99.87	99.79	POA	99.52		
Hourly Pressure Ave	14/Sep/2012	25/Apr/2013	POA	POA	POA	POA	POA	99.61		



Other Tools

What else can I access?

The inventory page has links to other popular tools at the bottom of the screen:

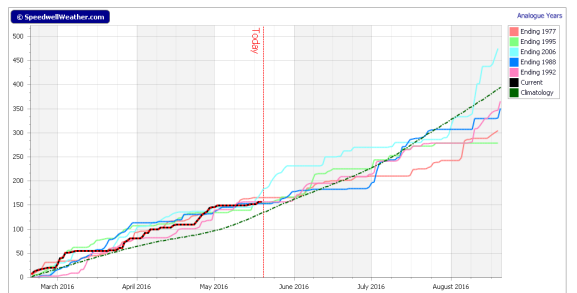
Station	WMO	Full Data Inventory	Actual vs Clim	Weather Stats	Cone Chart	Down Load	SWS	Forecasts	Country	State	Temp Max		Rain		Latitude	Longitude	Altitude	WBAN	ICAO	COOP ID	SWS ID
											% 1 Yr	% 10 Yr	% 1 Yr	% 10 Yr							
Group Name: Germany Barley (Count = 11)																					
* German Barley Index *	99908617								Index			100.00	100.00	100.00	100.00	51.300	10.900	100			86179
Augsburg	10852								Germany	Bayern [Bavaria]		100.00	100.00	100.00	100.00	48.433	10.933	461	34193	EDMA	51448
ERFURT BINDERSLEBEN	10554								Germany	Thüringen [Thuringia]		100.00	100.00	100.00	100.00	50.983	10.966	315		EDDE	50872
HANNOVER	10338								Germany	Niedersachsen [Lower]		100.00	100.00	100.00	100.00	52.466	9.699	55		EDDV	50886
Kassel	10438								Germany	Hessen [Hesse]		100.00	100.00	100.00	100.00	51.300	9.450	231			56377
LEIPZIG SCHKEUDITZ	10469								Germany	Sachsen [Saxony]		100.00	100.00	100.00	100.00	51.416	12.233	144		EDDP	50902

Analogue Years



Use this to put the progression of the progression of a current index (eg cumulative rainfall) into historic context to find similar historic years to see “what happened next”.

Analogue Years

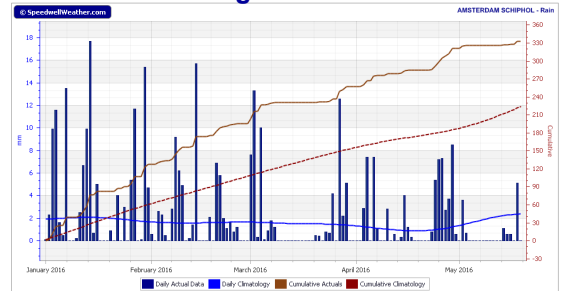


Actual vs. Average



Shows the average or accumulated values of a weather variable for a chosen period compared with a chosen average period.

Actuals Vs Average

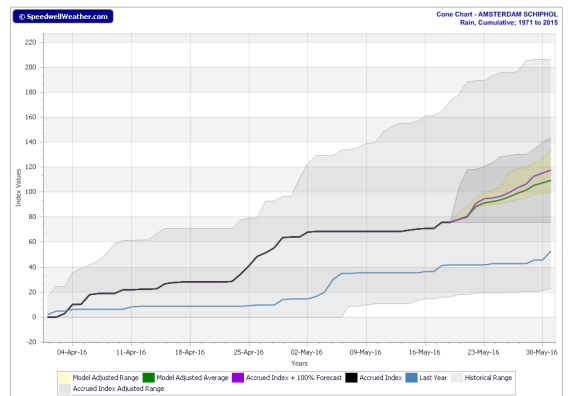


Index Calculator



Calculate the historic value of any index for any period

Cone Chart



Historic Monthly Values



Use this to calculate monthly values of any index based on any weather variable: e.g. HDD, number of days below freezing, number of days of rain > 5mm etc. Also supports weekly calculations

Cone Chart



Shows trajectory of a chosen weather Index Compared with historic extremes, average and previous year and projected into the future with forecasts

Data Download



Download weather data from the website directly to your desktop

SWSConnect



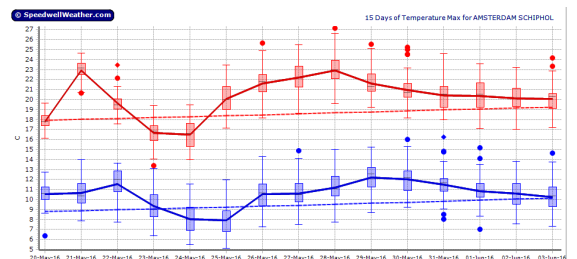
SWSConnect is used to calculate the price of a weather risk contract.

Forecasts



Subject to subscriptions, access 15 day and monthly downscaled forecasts. View individual ensembles, observe the distribution of outcomes, overlay and compare forecasts and access forecast verification data.

Ensemble Forecast





Search

Bespoke Search

You can also specify your own search criteria:

- Click on the “Inventory Search” tab
- Choose an element to search for e.g. Rain, TMax, etc.
- Select the desired data completeness. 100% means no missing data points
- Choose a “Year Period” to represent the minimum length of history you require
- Move around and zoom into the map to narrow down your area of interest
- Click “Set Search Area Box to Screen”, drag the corners to adjust the area if necessary

The screenshot shows the Speedwell Weather website's search interface. On the left, there is a search panel with the following options:

- Pack Source:** SuperPack™ (selected) / My Data Packs
- Pack Type:** Agriculture
- Element:** Temperature Max
- Min Complete:** 90% (with a slider)
- Year Period:** 20 Years
- Buttons: Clear Search Area Box, Set Search Area Box to Screen, Search
- Found 43 stations.**
- Button: Notes / What's New
- Checkbox: Cluster Station Markers

On the right, a map of South America shows numerous red 'A' markers representing weather stations. Below the map is a table of search results:

Station	WMO	Full Data Inventory	Actual vs Clim	Weather State	Cone Chart	Down Load	SWS	Forecasts	Country	State	Temp Max	% 1 Yr	% 10 Yr	Latitude	Longitude
Group Names (Count = 43)															
* Argentina Corn Index *	999980636	A	A	A	A	A	SWS	N/A	Index		100.00	100.00	-33.500	-62.000	
* Argentina Soybean Index *	999980635	A	A	A	A	A	SWS	N/A	Index		100.00	100.00	-33.500	-60.800	
* Brazil Oranges Index *	999980642	A	A	A	A	A	SWS	N/A	Index		100.00	100.00	-21.000	-48.000	
* Brazil Soybean Index *	999980640	A	A	A	A	A	SWS	N/A	Index		100.00	100.00	-14.000	-48.000	

This close-up screenshot highlights the search interface. The 'Notes / What's New' button at the bottom is circled in red, indicating where users can click to view additional information about the search results.

We are always adding new sites to existing packs and adding new packs. Click on Notes/What's New to view them

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