



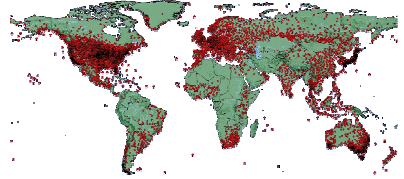
Weather Data
Weather Forecasts
Weather Risk Consultancy
Weather Risk Management Software

About SuperPack™-Light

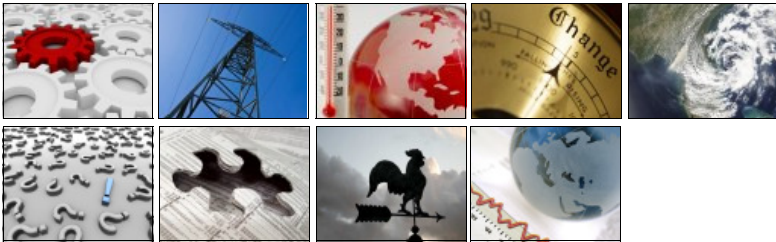
SuperPack-Light is for sophisticated weather data users who require large volumes of high quality world wide data but who do not need the full-service provided under the standard SuperPack subscription.

- SuperPack-Light is a corporate-wide subscription providing access to over 1,500 user-specified data sets chosen from over 10,000 data sets at zero marginal cost.
- SuperPack-Light is appropriate for users in agriculture, energy and insurance.
- SuperPack-Light dramatically simplifies the administration of your data needs. A single contract covers everything.
- SuperPack-Light includes access to over 4,000 cleaned data sets and over 4,000 cleaned feeds as well as many thousands of official climate data sets
- SuperPack-Light includes access to Speedwell suite of web-delivered data analysis and visualization tools including Data Viewer, Weather Index Cone, Monthly / Weekly value calculator, Statistics Extractor, Index Calculator, Actuals Vs. Climatology, Analogue Years...
- SuperPack is a “living product” that is constantly growing and being updated. As additional data sets are sourced and processed they are added to the online inventory and made available to subscribers.

Global Data Coverage includes



- | | | |
|------------|------------|-------------|
| Albania | Hungary | Philippines |
| Antarctica | India | Poland |
| Argentina | Indonesia | Portugal |
| Australia | Iran | Puerto Rico |
| Austria | Ireland | Romania |
| Bangladesh | Israel | Russia |
| Barbados | Italy | Saudi Ar. |
| Belarus | Jamaica | Senegal |
| Belgium | Japan | Serbia |
| Belize | Kazak. | Slovakia |
| Benin | Kenya | Slovenia |
| Bosnia | Korea S. | S. Africa |
| Botswana | Latvia | Spain |
| Brazil | Lebanon | Sri Lanka |
| Bulgaria | Lithuania | Syria |
| Canada | Lux. | Sweden |
| Chile | Macedonia | Switzerland |
| China | Malaysia | Taiwan |
| Columbia | Maldives | Tajikistan |
| Croatia | Mali | Tanzania |
| Cyprus | Malta | Thailand |
| Czech R. | Mauritania | Togo |
| Denmark | Mauritius | Trinidad |
| Egypt | Mexico | Turkey |
| Estonia | Mongolia | UK |
| Ethiopia | Montenegro | Ukraine |
| Finland | Morocco | USA |
| France | Netherland | Uruguay |
| Georgia | New Zeal. | Uzbekistan |
| Germany | Niger | Vietnam |
| Gibraltar | Nigeria | Zambia |
| Greece | Norway | |
| Greenland | Oman | |
| Guatemala | Panama | |
| Honduras | Pakistan | |
| Hong Kong | Paraguay | |

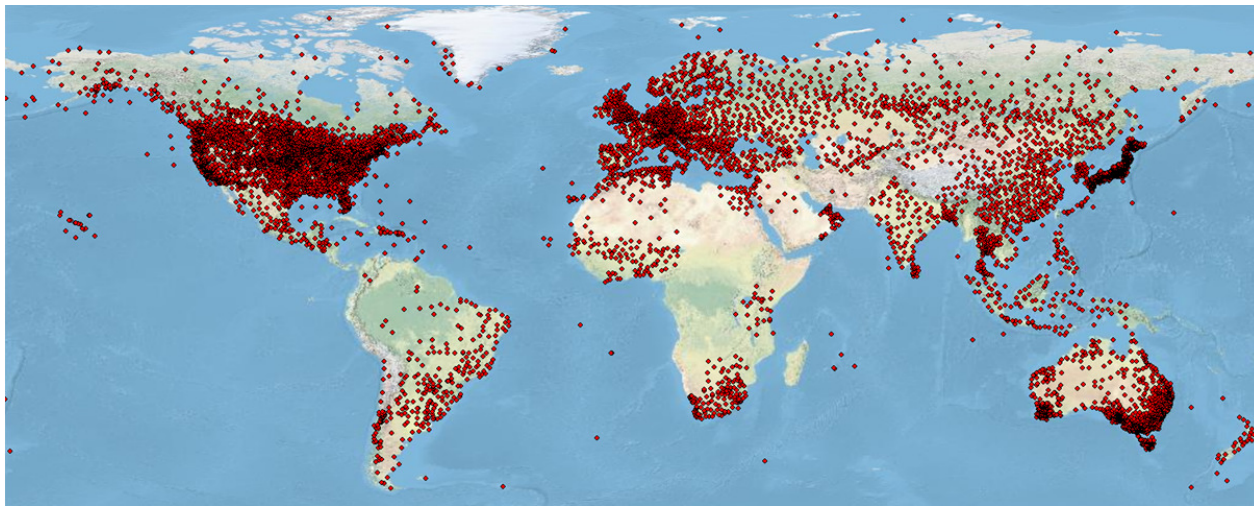


Data Sources

Speedwell has direct supply agreements with many National Meteorological Services worldwide allowing us to supply official climate data for countries.

Note: Due to data quality considerations, OUR DATA IS NOT DERIVED FROM THE US “GSOD” DATABASE..nor is our data simply a facsimile of the ISH archive as is the case with other providers.





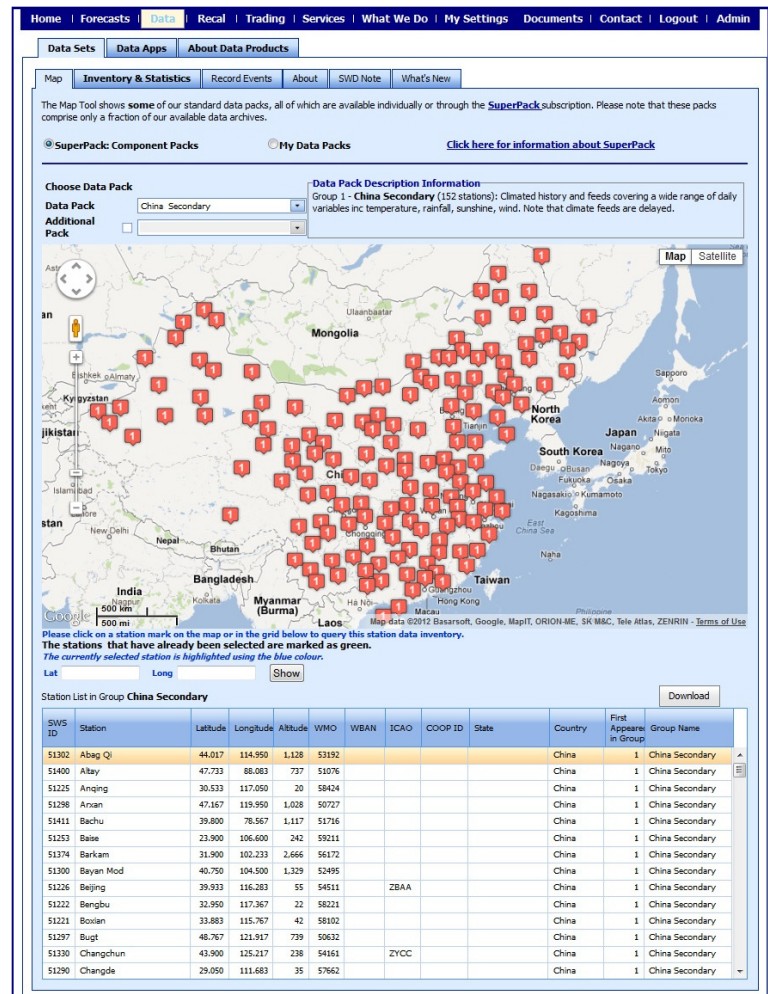
Data Availability (as of late 2012)
 * red dots represent weather station locations in our primary archives and available through SuperPack—Light

Weather Data Inventory

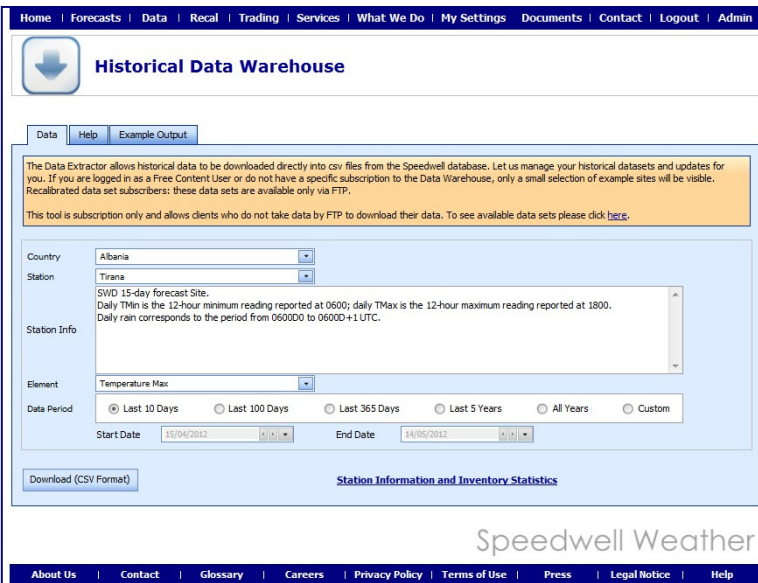
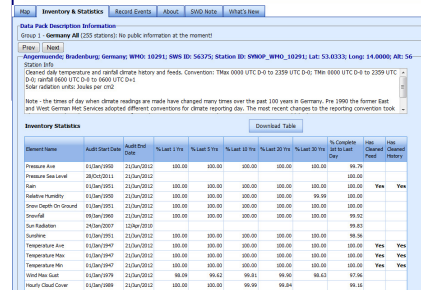
Access to a detailed station inventory is provided via the Speedwell web site www.SpeedwellWeather.com. Using the map tool a user can review the availability of data on a country-by-country basis or by sector (e.g. “China Cotton”).

Inventory statistics include:

- Station attribute information (station name, WMO #, National ID #, Speedwell ID, latitude, longitude, elevation)
- Breakdown of statistics by weather variable
- Begin date / end date of data
- Percentage data completeness for 1, 5, 10, 20, 30 year and all-year periods
- Station meta data (information about observation conventions, data sources...)



SWS ID	Station	Latitude	Longitude	Altitude	WMO	WEAN	ICAO	COOP ID	State	Country	First Appear in Group	Group Name
S1302	Abag Qi	44.017	114.950	1.128	53192					China	1	China Secondary
S1400	Albay	47.733	88.083	737	51076					China	1	China Secondary
S1225	Anqing	30.533	117.050	20	58424					China	1	China Secondary
S1298	Anxian	47.167	119.950	1.028	50727					China	1	China Secondary
S1411	Bachu	39.800	78.567	1.117	51716					China	1	China Secondary
S1253	Baise	23.900	106.600	242	59211					China	1	China Secondary
S1374	Barkam	31.900	102.233	2.666	56172					China	1	China Secondary
S1300	Bayan Mod	40.750	104.500	1.329	52495					China	1	China Secondary
S1226	Beijing	39.933	116.283	55	54511		ZBAA			China	1	China Secondary
S1222	Bengbu	32.950	117.367	22	58211					China	1	China Secondary
S1221	Boxian	33.883	115.767	42	58102					China	1	China Secondary
S1297	Bugti	48.767	121.917	739	50632					China	1	China Secondary
S1130	Changchun	43.900	125.217	238	54161		ZYCC			China	1	China Secondary
S1290	Changde	29.050	111.683	35	57662					China	1	China Secondary

View list of sites by region or crop peril.

View audit statistics by weather variable/period.

What SuperPack-Light Provides

- Standard Data:**
 Historical Data & Ongoing Feeds via FTP or Web site
 - US Primary Data Pack (260 "First Order" stations), cleaned daily temperature & precipitation
 - US Secondary Data Pack (250 "Second Order" stations), cleaned daily temperature & raw precipitation
 - International Data Pack (10 European, 6 Canadian, 3 Japanese, 3 Australian), cleaned daily temperature & precipitation
- Data On Demand:**
(selected from our catalogue of 10,000+ stations)
 - Access to unlimited number of daily historical data sets via web download *(scripted access not permitted)*
 - Access to 1,000 daily data sets (historical & ongoing feeds) via FTP download
- Access to Speedwell Data Tools**
(see below)

About Speedwell Cleaned Data

SuperPack-Light includes over 4,000 international cleaned data sets

Cleaned data is data that has been processed to fill missing values and correct erroneous observations. The end result is a dataset that is ready to be used for analysis.

Speedwell's proprietary cleaning methodologies use a mixture of automated processing to flag possible errors followed by manual inspection.

About Speedwell Data Tools

Subscribers have unlimited access to a range of data tools available through the Speedwell web site.

Data Tools are designed to provide users with additional insight into historical time series.

Some of the most popular include:

- Actuals Vs. Climatology
- Statistics Extractor
- Index Calculator
- Weather Index Cone



Actuals Vs Climatology
Tabular or graphical view of any weather variable relative to climate normals for any period.



Weather Statistics Extractor
Extract weekly, or monthly statistics such as cumulative temperature, HDDs, CDDs.



Index Calculator
Calculate the historical values of any weather index

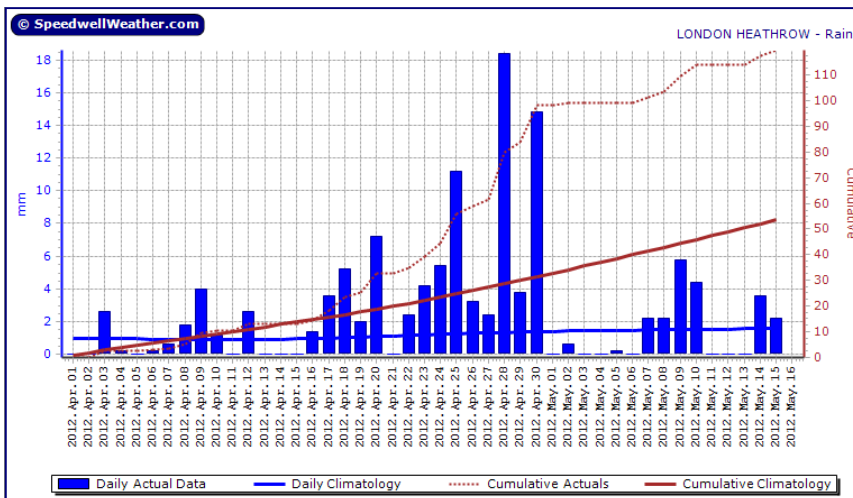


Weather Index Cone
Visualise the evolution of a weather variable over any period and compare with averages, extremes and last year at the click of a button.

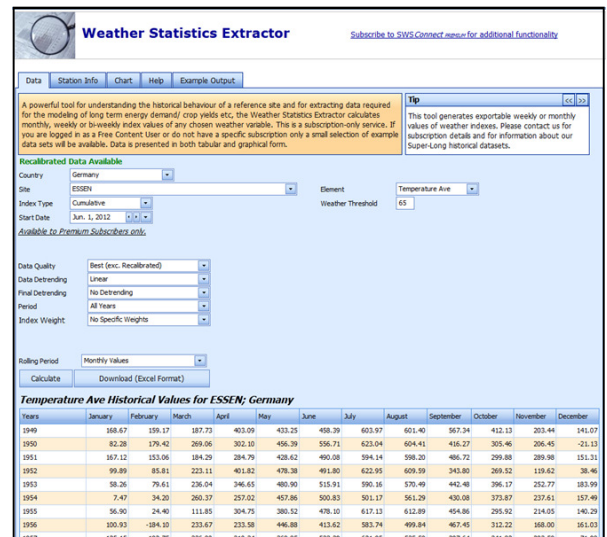


Correlation Analysis
Calculate daily, monthly correlations and auto-correlations.

Actuals Vs. Climatology Tool: Visualize the cumulative value of any weather variable for any period against climate average.



Weather Statistics Extractor Tool: Calculate monthly values of any weather index



Year	January	February	March	April	May	June	July	August	September	October	November	December
1996	168.67	159.27	187.73	403.09	433.25	458.29	603.97	601.40	557.24	412.13	203.44	141.07
1997	82.28	179.42	269.96	302.10	456.29	556.71	623.04	604.41	416.27	305.46	206.45	-21.13
1998	167.12	153.06	184.29	284.79	428.62	490.08	594.14	598.20	486.72	299.88	289.90	151.31
1999	99.89	85.81	223.11	401.82	478.38	491.80	622.95	609.59	343.80	269.52	119.62	38.46
2000	58.26	79.61	236.04	346.65	480.90	515.91	590.16	570.49	442.48	396.17	252.77	183.99
2001	7.47	34.20	260.37	297.02	497.86	500.83	501.17	561.29	430.08	373.67	237.61	137.49
2002	56.90	24.46	111.85	304.78	380.32	428.10	612.13	612.89	454.88	295.92	214.65	140.29
2003	300.93	-194.50	233.67	233.58	446.68	413.62	583.74	499.84	467.40	312.22	168.00	161.03
2004	125.15	192.75	336.80	310.34	369.85	533.29	621.95	535.59	397.64	341.82	201.59	71.98



Comparison of Features

Feature	SuperPack Light	SuperPack
A choice of over 10,000+ core sites shown on the Speedwell map tool	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Access to our archive of circa 100,000 weather stations*		<input checked="" type="checkbox"/>
Access to up to 1,500 historical data sets delivered per annum by FTP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Access to up to 1,500 data feeds by FTP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unlimited access to historical data sets*		<input checked="" type="checkbox"/>
Unlimited access to data feeds*		<input checked="" type="checkbox"/>
Access to daily data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Access to hourly and sub-hourly data		<input checked="" type="checkbox"/>
Data cleaning-on-request*		<input checked="" type="checkbox"/>
Access to web-delivered data tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Access to temperature & precipitation and other daily weather variables	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Access to all other weather variables		<input checked="" type="checkbox"/>
Custom Data Requests*		<input checked="" type="checkbox"/>
Custom Delivery Formats*		<input checked="" type="checkbox"/>

* On reasonable-request basis

About Speedwell Weather

Founded in 1999, Speedwell Weather supplies historical and real-time weather data for tens of thousands of weather reference sites across the world. Speedwell has direct data supply agreements with a wide range of national meteorological services and provides a single-point of contact for the provision of high quality weather data to the energy, agriculture, banking, insurance and weather risk management sectors. With offices in the United Kingdom and the USA, we serve clients in Europe, North America, South America, Africa and the Asia-Pacific region.

Speedwell provides proprietary downscaled probabilistic and deterministic forecasts based on ECMWF and GFS models for hundreds of sites around the world.

Speedwell is the provider of the Speedwell Weather System (SWS), the pre-eminent weather derivative pricing and risk management software.

Regulated by the UK Financial Services Authority Speedwell Weather Derivatives provide consultancy to help companies identify and manage weather risk. For companies looking to hedge against weather risk Speedwell is able to quantifying such exposures, structure an appropriate hedge and place the risk within the weather risk market. We are cited as settlement agents for many of the biggest OTC weather risk contracts.

Contacts

For more information about SuperPack or SuperPack-Light please see www.SpeedwellWeather.com or contact:

Phil Hayes (UK)

David Whitehead (USA)

Phil.Hayes@SpeedwellWeather.com

David.Whitehead@SpeedwellWeather.com

Telephone:

UK office: +44 (0) 1582 465 551

US office: +1 (0) 843 737 4843

Address UK: *Mardall House, Vaughan Rd, Harpenden, Herts, AL5 4HU*

Address USA: *418 King Street, Charleston, SC 29403*

Speedwell Weather Derivatives is Authorised and Regulated by the Financial Services Authority