



Speedwell Weather System

The Open Weather Derivative Pricing and Risk Management System

SWS Version 10.7 What's New?

SWS Version 10.7 has been released
This document previews its new features and enhancements

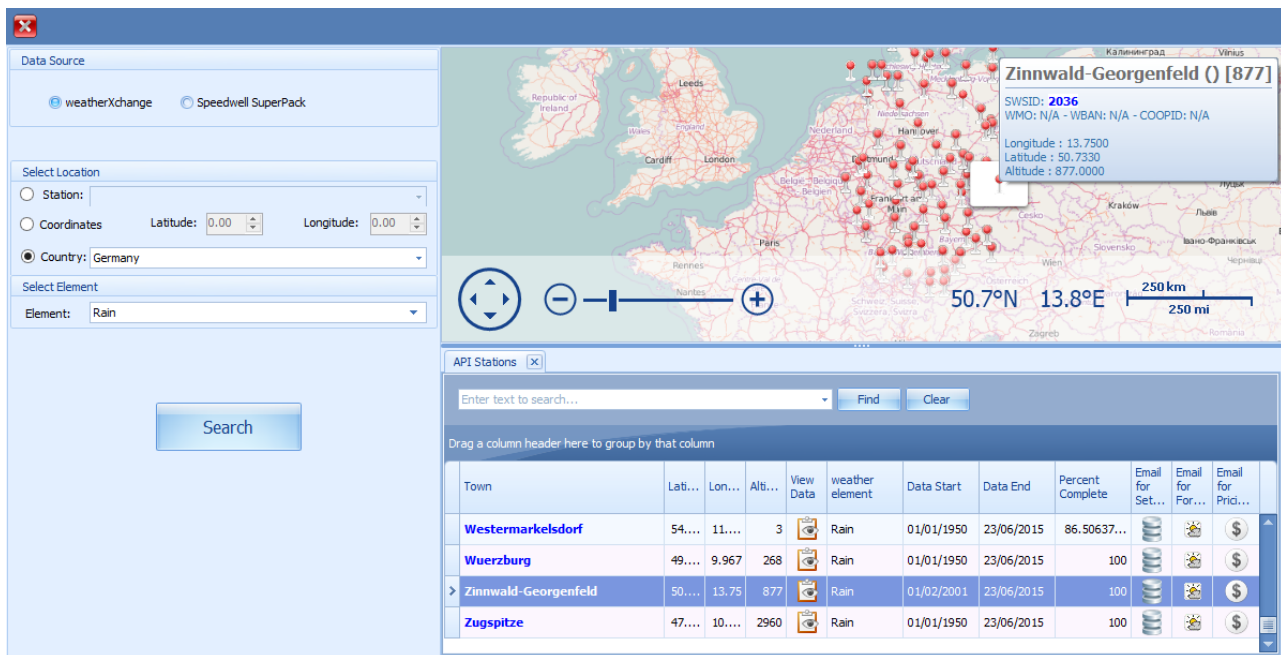
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Speedwell is pleased to announce some exciting new features in the latest version of SWS...

DATA INTEGRATION

For the first time, SWS Desktop can access the Speedwell production database...

1—Search for your client's risk best proxy station using a map and intelligent filters



The screenshot shows the SWS Desktop interface. On the left, there is a search panel with the following options:

- Data Source: weatherXchange, Speedwell SuperPack
- Select Location:
 - Station: (dropdown)
 - Coordinates: Latitude: 0.00, Longitude: 0.00
 - Country: Germany
- Select Element:
 - Element: Rain

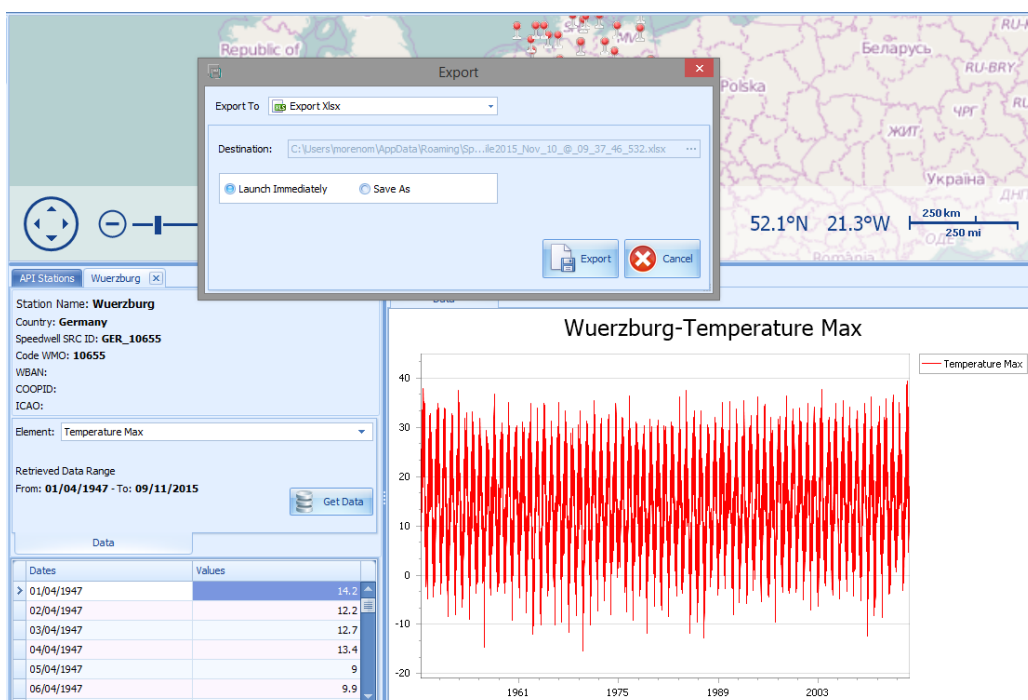
A large "Search" button is located below the search panel. The main area displays a map of Europe with a red dot indicating the selected station. A tooltip for "Zinnwald-Georgenfeld () [877]" shows the following details:

- SWSID: 2036
- WMO: N/A - WBAN: N/A - COOPID: N/A
- Longitude: 13.7500
- Latitude: 50.7330
- Altitude: 877.0000

Below the map is a table of API Stations:

Town	Lat...	Lon...	Alt...	View Data	weather element	Data Start	Data End	Percent Complete	Email for Set...	Email for For...	Email for Pric...
Westermarkelsdorf	54...	11...	3		Rain	01/01/1950	23/06/2015	86.50637...			
Wuerzburg	49...	9.967	268		Rain	01/01/1950	23/06/2015	100			
Zinnwald-Georgenfeld	50...	13.75	877		Rain	01/02/2001	23/06/2015	100			
Zugspitze	47...	10...	2960		Rain	01/01/1950	23/06/2015	100			

2—Retrieve cleaned online data and export it to Microsoft Excel® or import into SWS using the SWS Data Manager



The screenshot shows the SWS Desktop interface with an "Export" dialog box open. The dialog box has the following options:

- Export To: Export Xlsx
- Destination: C:\Users\morenom\AppData\Roaming\Sp...ie2015_Nov_10_@_09_37_46_532.xlsx
- Launch Immediately, Save As

Below the dialog box, the interface shows the station details for "Wuerzburg":

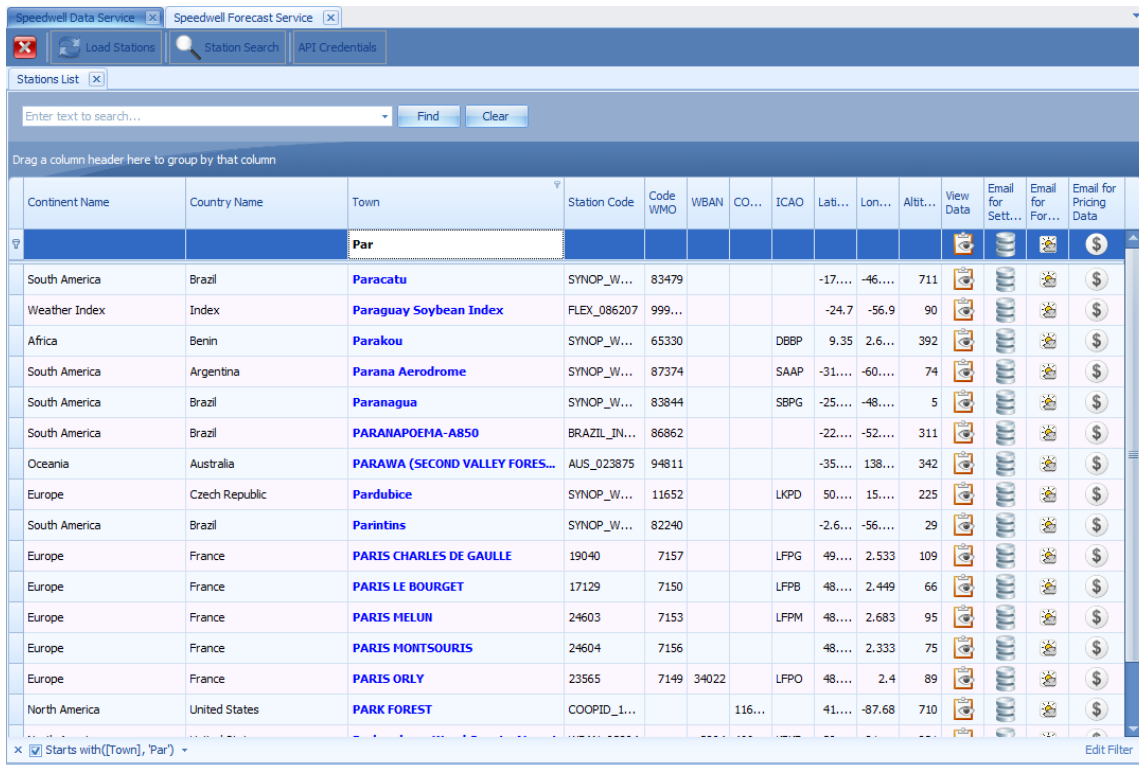
- Station Name: Wuerzburg
- Country: Germany
- Speedwell SRC ID: GER_10655
- Code WMO: 10655
- WBAN:
- COOPID:
- ICAO:

The "Element" is set to "Temperature Max". The "Retrieved Data Range" is from 01/04/1947 to 09/11/2015. A "Get Data" button is visible. Below the station details is a table of data:

Dates	Values
01/04/1947	14.2
02/04/1947	12.2
03/04/1947	12.7
04/04/1947	13.4
05/04/1947	9
06/04/1947	9.9

To the right of the table is a line graph titled "Wuerzburg-Temperature Max" showing temperature data from 1961 to 2003. The y-axis ranges from -20 to 40. The x-axis shows years 1961, 1975, 1989, and 2003. The graph shows a highly volatile red line representing temperature fluctuations over time.

3—Browse the entire station list for data or forecasts and request historical data and feeds at the click of a button



Speedwell Data Service | Speedwell Forecast Service

Load Stations | Station Search | API Credentials

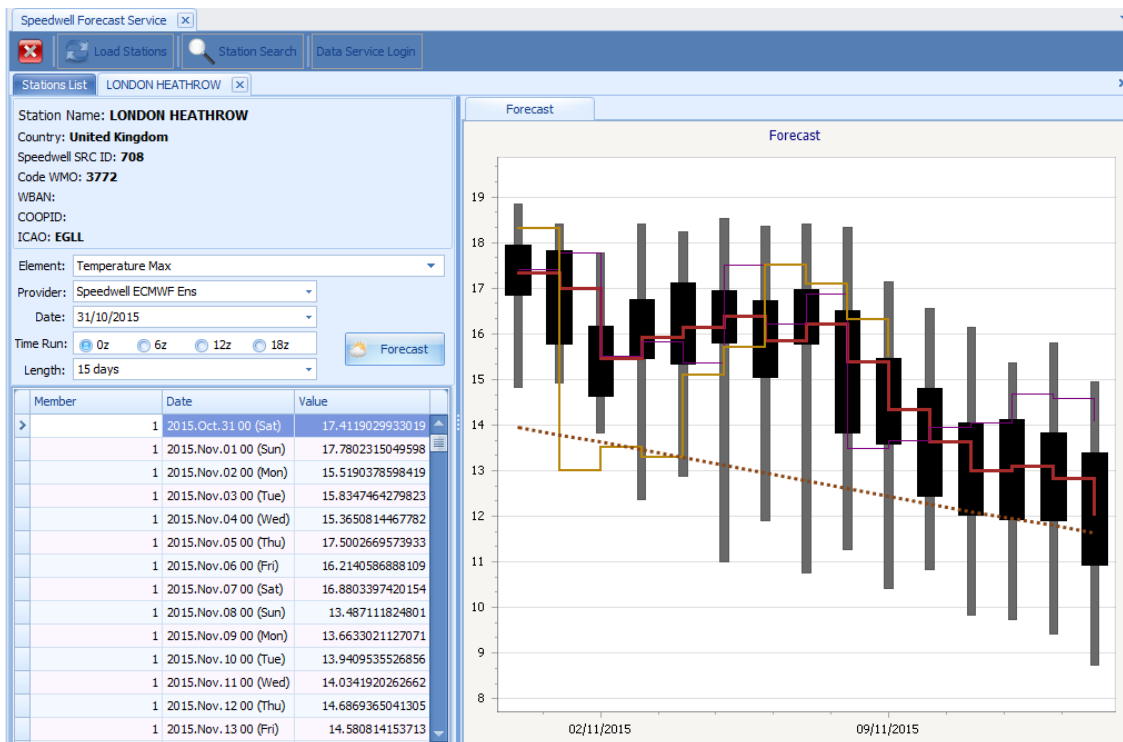
Stations List | Enter text to search... | Find | Clear

Drag a column header here to group by that column

Continent Name	Country Name	Town	Station Code	Code WMO	WBAN	CO...	ICAO	Lat...	Lon...	Alt...	View Data	Email for Sett...	Email for For...	Email for Pricing Data
		Par												
South America	Brazil	Paracatu	SYNOP_W...	83479				-17....	-46....	711				
Weather Index	Index	Paraguay Soybean Index	FLEX_086207	999...				-24.7	-56.9	90				
Africa	Benin	Parakou	SYNOP_W...	65330			DBBP	9.35	2.6...	392				
South America	Argentina	Parana Aerodrome	SYNOP_W...	87374			SAAP	-31....	-60....	74				
South America	Brazil	Paranagua	SYNOP_W...	83844			SBPG	-25....	-48....	5				
South America	Brazil	PARAMAPOEMA-A850	BRAZIL_IN...	86862				-22....	-52....	311				
Oceania	Australia	PARAWA (SECOND VALLEY FORES...	AUS_023875	94811				-35....	138...	342				
Europe	Czech Republic	Pardubice	SYNOP_W...	11652			LKPD	50....	15....	225				
South America	Brazil	Parintins	SYNOP_W...	82240				-2.6....	-56....	29				
Europe	France	PARIS CHARLES DE GAULLE	19040	7157			LFPG	49....	2.533	109				
Europe	France	PARIS LE BOURGET	17129	7150			LFPB	48....	2.449	66				
Europe	France	PARIS HELUN	24603	7153			LFFM	48....	2.683	95				
Europe	France	PARIS MONTSOURIS	24604	7156				48....	2.333	75				
Europe	France	PARIS ORLY	23565	7149	34022		LFPO	48....	2.4	89				
North America	United States	PARK FOREST	COOPID_1...			116...		41....	-87.68	710				

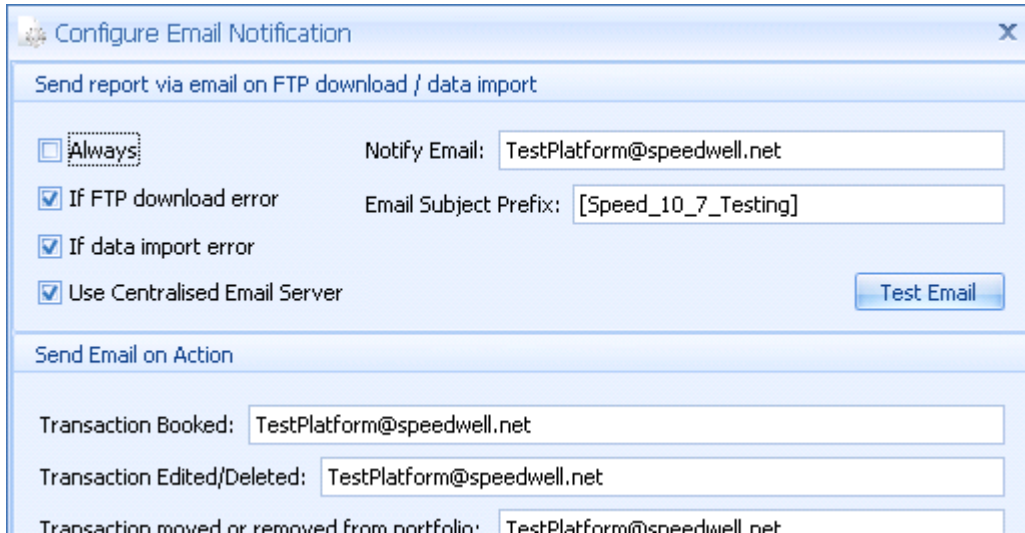
Starts with([Town], 'Par')

4—Browse the entire forecast archive database and order forecast histories for your own analyses



Centralised Email Delivery

Notification emails from SWS can now be stored in the database and delivered from one central location using the SWS Event Service. This means that individual user's SWS Desktop's do not need to be configured to communicate with the email server, thus simplifying the SWS Client installation.



Configure Email Notification

Send report via email on FTP download / data import

Always Notify Email: TestPlatform@speedwell.net

If FTP download error Email Subject Prefix: [Speed_10_7_Testing]

If data import error

Use Centralised Email Server Test Email

Send Email on Action

Transaction Booked: TestPlatform@speedwell.net

Transaction Edited/Deleted: TestPlatform@speedwell.net

Transaction moved or removed from portfolio: TestPlatform@speedwell.net

Transaction Locking

An additional level of permissioning enables a group of users to edit certain properties of a transaction. Typically this would be used to allow Front Office traders to edit, delete or change the portfolio for a given transaction.

Additional Permission Granularity

This version of SWS has introduced further permission levels for the back office reporting functions. This enables the SWS administrator to be more specific over which group of users can run, view or save the portfolio risk analysis reports



About Speedwell Weather Limited

Speedwell Weather provides quality weather data, weather forecasts, software, and weather-risk consultancy. With offices in the UK and the USA we serve clients in sectors including weather-risk, energy and agriculture world-wide. We are the dominant provider of settlement data for parametric weather risk contracts.

Contacts

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