

weatherXchange Data Services

Introduction

weatherXchange has direct data supply agreements with a range of European national meteorological services and provides a single-point of contact for the provision of official weather data to the energy and weather derivative markets.

weatherXchange has been supplying official settlement data used in the European OTC weather derivative market since 2001.

Data

weatherXchange maintain historical data sets for a list of about 200 core sites for which we can provide historical datasets (Synoptic or Climate history) of typical length 40 years as well as daily and monthly updates. **weatherXchange** datasets typically provide daily values of temperature extremes, rainfall, wind speed, sea level pressure and where available sunshine. We are able to provide data on request for other sites which are individually priced dependant on the charge by the local National Met Service. These deliver data in a consistent format for all sites. Data supplied by **weatherXchange** is quality controlled at source by each national meteorological service to ensure that data is of the highest quality available and has not been edited or altered prior to use, this is requirement for the settling of OTC weather derivative contracts.

WMO_NO	SRC_ID	CITY	STN_NAME	TYPE	QC	LAT	LONG	ALT	DATE	DAILY_RAIN	DAILY_MAX	DAILY_MIN	DAILY_MEAN	WIND	12Z_MSLP	12Z_REL_HUM	SUNSHINE
3772	708	LONDON	HEATHRO	CLIMATE	2	51.483	-0.45	25	01/01/1961	8.3	7.9	-0.2		6	1009	75.4	3.4
3772	708	LONDON	HEATHRO	CLIMATE	2	51.483	-0.45	25	02/01/1961	2.1	6.7	1.7		6	994.8	84.9	0
3772	708	LONDON	HEATHRO	CLIMATE	2	51.483	-0.45	25	03/01/1961	0.8	5	-1		6	980.1	78	2
3772	708	LONDON	HEATHRO	CLIMATE	2	51.483	-0.45	25	04/01/1961	0	5.6	1.9		7	995.2	78.1	1.1
3772	708	LONDON	HEATHRO	CLIMATE	2	51.483	-0.45	25	05/01/1961	6.7	6.9	-1.8		5	1013.4	80.1	1.3
3772	708	LONDON	HEATHRO	CLIMATE	2	51.483	-0.45	25	06/01/1961	0	6.8	-0.3		8	997.7	75.4	1.8
3772	708	LONDON	HEATHRO	CLIMATE	2	51.483	-0.45	25	07/01/1961	3.5	6.7	-1.1		4	1016	79.3	2.3

Rolling 90 day Data Service and settlement files

The Rolling 90 Data Service is a data feed containing the last 90 days of climate and SYNOP data updated hourly, delivered by FTP and through the web site. The 90 day feed provides the information required to produce partial Indexes during contract periods as well as for monitoring the performance of previous forecasts. To accompany the Rolling 90 day service an end-of-month summary is available 5 days after the end of a month (synoptic data) together with official monthly climate summaries as released by each national meteorological service. The settlement file is used for maintaining historical archive at the highest quality and also for the settlement of OTC weather derivative contracts.

Core Site Map (Europe)



Data Consultancy

Using our experience and extensive range of data suppliers around the world **weatherXchange** are able to provide advice on a wide range of data issues including:

- Data availability
- Data quality
- Prices
- Delivery timescales
- Suitability
- Alternate sources of data
- Synthetic substitutes
- Data cleaning and filling of missing data
- Formatting and handling

Delivery

All data products are delivered electronically in .csv format via FTP or through the web. Updates are made available through the data as new data becomes available.

Becoming a client

- Historical data sets: £ 400 per core site.
- Rolling 90 update service: £ 350 per site per annum

Speedwell Weather System, SWS

SWS is the pre-eminent weather derivative pricing and risk management system. **weatherXchange** data and forecast products integrate directly with SWS. For more information about SWS please see www.weatherderivs.com

Contact Us

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