

Land Networks Quarterly Report - Utilities

Issued: April 2013

This update contains the latest information about observations stations used in the Met Office network for utilities customers.

If you have any questions about this report, or your Met Office services, please contact your dedicated Met Office Account Manager.

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Highlighted **site names** have a known future threat/change – further information regarding these known threats/changes follows after the table. **Ongoing issue**. **New Issue**. **Resolved**. **Defence site**

OFFICIAL STATION NAME	East	North	ALT	LAT	LONG	COUNTRY
ALBEMARLE	407664	569478	142	55.02	-1.88	ENG
BENSON	462500	191669	57	51.62	-1.097	ENG
CHARLWOOD	523950	139802	67	51.144	-0.227	ENG
CHURCH FENTON Potential closure December 2013	452818	438027	8	53.836	-1.197	ENG
COLESHILL	421102	286956	96	52.48	-1.689	ENG
DYCE	387695	812695	65	57.205	-2.204	SCO
FILTON	360057	180491	59	51.521	-2.576	ENG
GLASGOW, BISHOPTON	241788	671079	59	55.907	-4.533	SCO
HAWARDEN AIRPORT	334172	364713	11	53.175	-2.984	ENG
HEATHROW	507693	176724	25	51.479	-0.449	ENG
LINTON ON OUSE	449133	461287	14	54.045	-1.25	ENG
LONDON, ST JAMES'S PARK	529808	180081	5	51.504	-0.129	ENG
MANCHESTER, HULME LIBRARY	383400	396700	33	53.467	-2.25	ENG
NOTTINGHAM, WATNALL	450342	345627	117	53.005	-1.25	ENG
RHYL NO 2	299448	374652	77	53.259	-3.508	WAL
ROSTHERNE NO2	374670	384863	35	53.359	-2.38	ENG
SOUTHAMPTON, OCEANOGRAPHY CENTRE	442700	110500	26	50.892	-1.393	ENG
ST ATHAN	299883	168365	49	51.405	-3.44	WAL
WATTISHAM	602543	251410	89	52.123	0.961	ENG
WINTERBOURNE NO2	389805	382479	88	53.339	-2.153	ENG
YEOVILTON	354998	123197	20	51.006	-2.641	ENG

Any of these sites with any currently known threats are listed in the section below, with a status report on the threat, and the actions being taken to retain or replace the site.

Current Known Threats or Issues Detail

Defence sites

The Ministry of Defence (MOD) are undertaking a comprehensive Defence Service Review. All of our sites that are based on Defence land are potentially at risk. Any site specific decisions about site closures will be communicated in future updates.

10/04/2013 – Church Fenton

It was announced on the 25th March that the site will close December 2013. We are waiting on information on the future of the land & the potential of our being able to remain on site.

This is a newly identified risk this quarter. Initial indications are that there is a suitable alternative site nearby at Bramham, but this will require upgrading to provide all of the elements required. We have asked the observations team to provide information to us on this and other stations as it becomes available and expect to present a paper to relevant parties later in the year.

Filton 03628 – No change

Agreement has been reached for us to remain on site until the end of 2013. There is potential for an extension into 2014 when the police will be changing their current location but still remaining on site long term. We are investigating the proposed new location and planned development information so that we can ensure site suitability before negotiating a long term lease.

Manchester, Hulme Library 99029 – No change

Rooftop site (not ideal from a data quality perspective). Health & Safety concerns have triggered search for a higher quality nearby replacement site.

A paper considering alternative sites, including a potential dedicated Manchester urban site is in preparation, and should be available shortly.

Southampton Oceanography Centre 99079

Rooftop site (not ideal from a data quality perspective). Lease in place for a rolling annual agreement where both sides can give 6 months notice to terminate the agreement.

St Athan 03716 – No change

There are ambitious plans to build a business park in the vicinity of the AWS that may require the relocation of either the wind mast or the weather station enclosure or even both. The building development plans are vast and it may prove difficult to find a suitable location on site. It is believed that funding concerns have mothballed the plans for the time being. We are keeping a watching brief.

Rostherne No2 – 03351

The observations at this site are now to be Rostherne No2, the permanent observation station. This replaces Rostherne, which was a temporary automated weather station on the same site. All services currently receiving Rostherne data will be seamlessly migrated to Rostherne No2, with no visible interruption or changes to files.

An additional long-term risk has also been identified for this site - the potential plans for stage 2 of the HS2 railway link were issued on the 28th January. The rail line would run directly through the new enclosure at Rostherne No2. We will keep an eye on developments.