



PREPARED FOR

Defence Infrastructure  
Organisation

REPORT

**RAF Northolt**

**Measured Heights  
Survey – 1<sup>st</sup> Annual  
Update**

**CAP 232 Format**

Report

## **RAF Northolt**

# **CAP 232 Aerodrome Survey – 1<sup>st</sup> Update**

**October 2015**

Prepared by

Principal Land Surveyor

Approved by

Associate Director

Prepared for

Defence Infrastructure Organisation

Our ref.	113123/0002
Your ref.	
Document ref.	RAF Northolt CAP 232 1 <sup>st</sup> Update Report

**AMENDMENT RECORD SHEET**

Amendment reference	Nature of Amendment	Date
113123/0002	1 <sup>st</sup> Update Survey	October 2015

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Full 2014 Survey Report - Paul Fassam Geomatics Ltd.

## 1 Introduction

### 1.1 Survey task

The survey task at RAF Northolt was carried out in accordance with the survey requirements as specified in CAP 232.

This report is to be read in conjunction with drawings:

- RAF Northolt CAP232 (Updated – TPS Consult Ltd. 1<sup>st</sup> Update Survey 2015 **Rev B**)
- RAF Northolt\_PNAD2014 (Updated – TPS Consult Ltd. 1<sup>st</sup> Update Survey 2015 **Rev B**)
- RAF Northolt\_TYPEA (Original – Paul Fassam Geomatics Ltd)
- RAF Northolt PAPI Touchdown points check (Original – Paul Fassam Geomatics Ltd)

### 1.2 Purpose of the survey

The purpose of Aerodrome Survey information is to provide the data required by Defence Infrastructure Organisation to enable it to:

- Consider aerodrome licensing issues
- Design and develop operational flight procedures
- Prepare charts
- Conduct safety evaluations

### 1.3 Schedule of data

The final schedules of data are recorded in: -

- i OSGB36 grid co-ordinates (Airy Ellipsoid with Transverse Mercator projection). OSTN02 Values.
- ii WGS84 geographical co-ordinates (GRS80 Ellipsoid)

### 1.4 Elevation datum

Elevations are given for all points and are Above Ordnance Datum (AOD) Newlyn Datum, and GRS80 ellipsoid as per specification requirements.

### 1.5 Schedule listing

The final schedule listings are given as digital data in Autocad and Excel formats. The digital data format is as specified in Annex B of CAP 232 (Jan 2008).

## 2 History

### 2.1 Survey

The original full survey was carried out during October 2014 by Paul Fassam Geomatics Ltd. See Appendix F for the full Survey Report (RAF Year 1 Survey Report REV A.pdf). This report was updated with a Rev A in May 2015.

### 2.2 First Annual Update 2015

TPS Consult were instructed by Defence Infrastructure Organisation to carry out the first annual update survey which was carried out during November 2015. Steve Phillips was the field surveyor in charge, who carried out the fieldwork and computations. Independent checks were carried out by TPS Consult Survey Head Office.

The changes to the Facilities were as follows:

- i. Four Aircraft Stands have been removed as they are no longer used (RES1 to 4) ID 149, 151, 153 & 155 have been deleted.

The changes to the Obstacles were as follows:

- i. Three obstacles have been removed adjacent to Foxtrot Hold. ID 1442, 1447 & 1450 have been deleted.
- ii. Three vegetation obstacles have had their heights increased. ID 1235, 1579 & 1872 have been replaced by 2040, 2041 & 2042.
- iii. A new Temporary Obstacle ID 2043, has been added. A large crane on a construction site in Uxbridge.

The 1<sup>st</sup> Update Annual survey has resulted in the following charts being updated:

- RAF Northolt CAP232 (Updated – TPS Consult Ltd. 1<sup>st</sup> Update Survey 2015 **Rev B**) – including Precision Approach 25, Take Off Climb 25, Strip & Transitional 1 & 2, Approach 25 & 07, Departure, Non-Precision Approach, Horizontal & Conical, Visual Manoeuvring and the Maximum Penetration Charts 1, 2 & 3.
- RAF Northolt\_PNAD2014 (Updated – TPS Consult Ltd. 1<sup>st</sup> Update Survey 2015 **Rev B**) – 1:2500 sheet only.

## 3 Equipment

### 3.1 Equipment used

Leica Viva GNSS SmartRover and Leica 1201 Total Station for the field observations.

### 3.2 Instrument calibration

The Leica 1201 Total Station has a current calibration certificate in accordance with TPS Consult's Quality Assurance System, and was calibrated at the start of each day.

### 3.3 Computer programs

GPS coordinates and levels were surveyed in Real Time Kinematic, connected to the Ordnance Survey SmartNet.

In house programmes plus various propriety software packages including AST (Aerodrome Safeguarding Tool) were used for the main calculations. Self-checking methods were adopted to prove the results.

## 4 Control

### 4.1 Geodetic and Grid

Survey Control points were co-ordinated and checked using GPS equipment. All checks met the Accuracy criteria for CAP232 Survey Control. Secondary measurements were undertaken using the Total Station to provide a check on the GPS values. For aerodrome survey control points see Paul Fassam Geomatics full survey report in Appendix F.



# Annex A

## Drawing Schedule

**RAF NORTHOLT - DRAWING SCHEDULE**

Drawing No.	Revision	Title	Scale	Comments
RAF Northolt PNAD2014	B	Aerodrome Facility Plan		Original full survey by Paul Fassam Geomatics Ltd - supplied by D.J.O
	B	Aerodrome Facilities Plan including Control	1:2500 1:5000	
RAF Northolt CAP232	B	AGA Survey		Original full survey by Paul Fassam Geomatics Ltd - supplied by D.J.O
	B	including Precision Approach	1:2000	
	B	Take Off Climb 25	1:1500	
	A	Take Off Climb 07	1:1500	
	B	Runway Strip & Transition 1	1:2000	
	B	Runway Strip & Transition 2	1:2000	
	B	Approach 25	1:1500	
	B	Approach 07	1:3000	
	B	Departure	1:2500	
	B	Non-Precision Approach	1:25000	
	B	Horizontal & Conical	1:50000	
	B	Visual Manoeuvring	1:25000	
	B	Maximum Penetration 1	1:2000	
	B	Maximum Penetration 2	1:2000	
	B	Maximum Penetration 3	1:2000	
RAF Northolt TYPEA	A	Type A Survey	1:1000 & 10000	Original full survey by Paul Fassam Geomatics Ltd - supplied by D.J.O
RAF Northolt Paper Touchdown points check	-	PAPI Survey	1:200	Original full survey by Paul Fassam Geomatics Ltd - supplied by D.J.O

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# Annex B

## Data Schedule

**RAF NORTHOLT - DATA SCHEDULE**

Classification	Tab	Contents	Format	CRC File	Comments
RAF Northolt	Aerodrome	Aerodrome Facilities	CAP232 Annex B	EGWUAD15	
RAF Northolt	Obstacles	Obstacles Survey	CAP232 Annex B	EGWUOB15	

# Annex C

## Runway Data Sheet

# Airfield Data Sheet

Form ADS01 Jan 14



**Defence  
Infrastructure  
Organisation**

**Airfield Name:** RAF NORTHOLT

**OS Chart:**

**ICAO Airport Code:** EGWU

Airfield Elevation (ft):	124ft	ARP (Grid):	509668.747, 134941.702
Magnetic Variation*:	0.88°	ARP (DMS):	51°33'09.77440"N 000°25'10.55159"W
Annual Change:	- 0.15°	ARP (DM):	51 33.16291 N 00 25.17586 W
Date of Magnetic Variation:	01/10/15	File Ref:	

\* Negative is VAR E all others are VAR W

### RUNWAY DATA - Primary

		m	ft
Runway Designation:	07	Rwy Width	45
Runway Heading (True):	69°49'47"	Rwy Length	1684
Runway Heading (Magnetic)	70°56'37"	TORA	1558
Threshold Position (Grid):	508971.838, 184668.579	TODA	1698
Threshold Position WGS 84 (DMS):	51°33'01.42277"N 000°25'47.02756"W	ASDA	1558
Threshold Position WGS 84 (DM):	51 33.02371 N 00 25.78379 W	LDA	1501
Description of Threshold Datum:		Thld to Thld Dist	1591
Threshold Elevation (ft):	113.99ft	TDZE (ft):	115.51
Approach Lighting:	Y	ILS Off-set:	
RVR (Y or N)	Y	ILS RPI Elev (ft):	
WGS 84 RPI Elevation (ft):	80.9ft	ILS RPI Dist (m/ft):	
RPI Dist (m/ft):	120.24m / 394.5ft	ILS Glideslope:	

### RUNWAY DATA - Primary

		m	ft
Runway Designation:	25	Rwy Width	45
Runway Heading (True):	249°50'47"	Rwy Length	1684
Runway Heading (Magnetic)	250°57'37"	TORA	1558
Threshold Position (Grid):	510452.488, 185248.856	TODA	1698
Threshold Position WGS 84 (DMS):	51°33'19.16275"N 000°24'29.52698"W	ASDA	1558
Threshold Position WGS 84 (DM):	51 33.31938 N 00 24.49212 W	LDA	1558
Description of Threshold Datum:		Thld to Thld Dist	1591
Threshold Elevation (ft):	124.19ft	TDZE (ft):	124.19
Approach Lighting:	Y	ILS Off-set:	
RVR (Y or N)	Y	ILS RPI Elev (ft):	
WGS 84 RPI Elevation (ft):	82.6ft	ILS RPI Dist (m/ft):	
RPI Dist (m/ft):	161.05m / 528.4ft	ILS Glideslope:	

### NAVIGATION AID

Navigation Aid:	DM	Category:	Category 1
Grid Position:	510263.383, 185049.100	Frequency:	113.100 MHz
Position WGS 84 (DMS):	51°33'12.83246"N 000°24'39.56776"W	Class:	Class B
Position WGS 84 (DM):	51 33.21387 N 00 24.65946 W		

# Annex D

## Aerodrome Facilities Listing

NAVIGATION AID			
	Navigation Aid:	<b>DRDF</b>	Call Sign:
	Grid Position:	509550.025, 184719.998	Frequency:
	Position WGS 84 (DMS):	51°33'02.68364"N	Channel:
	Position WGS 84 (DM):	51 33.04473 N	
	Navigation Aid:	<b>GLIDEPATH</b>	Call Sign:
	Grid Position:	510267.793, 185048.257	Frequency:
	Position WGS 84 (DMS):	51°33'12.80198"N	Channel:
	Position WGS 84 (DM):	51 33.21337 N	
	Navigation Aid:	<b>LOCALISER</b>	Call Sign:
	Grid Position:	508770.857, 184589.98	Frequency:
	Position WGS 84 (DMS):	51°32'59.01906"N	Channel:
	Position WGS 84 (DM):	51 32.98365 N	
	Navigation Aid:	<b>PAR</b>	Call Sign:
	Grid Position:	509791.218, 184902.026	Frequency:
	Position WGS 84 (DMS):	51°33'08.40485"N	Channel:
	Position WGS 84 (DM):	51 33.14008 N	
	Position WGS 84 (DM):	00 25.07066 W	



RAF NORTHOLT  
CAP232 SURVEY

SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL		LIT	OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET		EASTING	NORTHING	METRES	FEET		
EGWU	LLZ	NHHT	513259.02N	000257.55W	82.14	269.49	N	508770.86	184589.98	36.08	118.37	100	30/10/2014
EGWU	LEVEL	LLZ	513259.04N	000257.42W	79.78	261.74	N	508773.03	184590.80	33.71	110.61	101	30/10/2014
EGWU	LEVEL	LLZ MONITOR	513300.12N	0002552.72W	80.02	262.52	N	508863.03	184625.98	33.95	111.39	102	30/10/2014
EGWU	LLZ MON		513300.12N	0002552.70W	81.07	265.98	N	508863.41	184625.95	35.01	114.86	103	30/10/2014
EGWU	TORA_START	07	513300.38N	0002551.57W	80.51	264.12	N	508885.01	184634.55	34.44	113.00	104	30/10/2014
EGWU	HOLD	F	513303.90N	0002549.31W	81.32	266.80	N	508926.23	184744.25	35.26	115.68	106	30/10/2014
EGWU	LEVEL	RWY	513301.33N	0002547.42W	80.77	265.01	N	508964.82	184665.44	34.71	113.89	107	30/10/2014
EGWU	THR	07	513301.42N	0002547.03W	80.81	265.11	N	508971.84	184668.58	34.75	113.99	108	30/10/2014
EGWU	HOLD	D1	513258.98N	0002544.53W	79.96	262.35	N	509021.55	184594.08	33.90	111.23	109	30/10/2014
EGWU	LEVEL	RWY	513302.15N	0002543.86W	80.95	265.59	N	509032.35	184692.28	34.89	114.47	110	30/10/2014
EGWU	ABACUS		513311.21N	0002543.19W	100.21	328.76	Y	509039.29	184972.46	54.14	177.62	111	30/10/2014
EGWU	LEVEL	ABACUS	513311.21N	0002543.19W	84.18	276.16	N	509039.29	184972.46	38.11	125.03	112	30/10/2014
EGWU	LEVEL	ABACUS	513310.91N	0002542.60W	84.19	276.20	N	509050.79	184963.58	38.12	125.07	113	30/10/2014
EGWU	LEVEL	ABACUS	513310.88N	0002542.59W	100.22	328.79	Y	509050.98	184962.55	54.15	177.66	114	30/10/2014
EGWU	LEVEL	VHF	513311.39N	0002542.47W	84.18	276.18	N	509053.07	184978.25	38.11	125.05	115	30/10/2014
EGWU	VHF_RX		513311.36N	0002542.45W	100.24	328.86	N	509053.45	184977.46	54.17	177.73	116	30/10/2014
EGWU	PAPI		513305.11N	0002540.50W	81.59	267.68	N	509095.03	184785.23	35.53	116.56	120	30/10/2014
EGWU	LEVEL	PAPI	513305.13N	0002540.47W	81.04	265.86	N	509095.57	184785.68	34.97	114.74	121	30/10/2014
EGWU	PAPI		513304.84N	0002540.35W	81.57	267.62	N	509098.24	184776.82	35.51	116.51	122	30/10/2014
EGWU	LEVEL	PAPI	513304.85N	0002540.32W	80.93	265.52	N	509098.79	184777.25	34.87	114.40	123	30/10/2014
EGWU	PAPI		513304.57N	0002540.18W	81.58	267.65	N	509101.57	184768.50	35.52	116.54	124	30/10/2014
EGWU	LEVEL	PAPI	513304.58N	0002540.15W	80.80	265.10	N	509102.28	184768.92	34.74	113.98	125	30/10/2014
EGWU	PAPI		513304.29N	0002539.99W	81.57	265.63	N	509104.80	184760.13	35.51	116.51	126	30/10/2014
EGWU	LEVEL	PAPI	513304.31N	0002539.99W	80.78	265.02	N	509105.39	184760.61	34.72	113.91	127	30/10/2014
EGWU	RVR		513306.15N	0002539.85W	87.94	288.52	Y	509106.95	184817.66	41.88	137.40	128	30/10/2014
EGWU	HOLD	DA	513259.99N	0002540.06W	80.07	262.70	N	509107.01	184627.17	34.01	111.59	129	30/10/2014
EGWU	LEVEL	RWY	513303.14N	0002539.50W	80.83	265.17	N	509115.59	184724.81	34.77	114.06	130	30/10/2014
EGWU	VHF_TX		513321.60N	0002537.90W	100.19	328.70	Y	509134.19	185295.71	54.12	177.56	131	30/10/2014
EGWU	LEVEL	VHF	513321.58N	0002537.90W	82.12	269.42	N	509134.28	185295.12	36.05	118.27	132	30/10/2014
EGWU	CHECK_PT1	0725	513303.37N	0002538.52W	80.77	264.99	N	509134.35	184732.31	34.71	113.88	133	30/10/2014
EGWU	PAPI		513302.25N	0002537.88W	80.64	264.57	N	509147.43	184698.07	34.58	113.46	134	30/10/2014
EGWU	LEVEL	PAPI	513302.25N	0002537.85W	80.07	262.71	N	509148.08	184697.99	34.01	111.59	135	30/10/2014
EGWU	PAPI		513301.98N	0002537.72W	80.70	264.78	N	509150.69	184689.74	34.65	113.67	136	30/10/2014
EGWU	LEVEL	PAPI	513301.98N	0002537.69W	80.01	262.50	N	509151.39	184689.69	33.95	111.39	137	30/10/2014
EGWU	PAPI		513301.71N	0002537.56W	80.79	265.06	N	509153.90	184681.39	34.73	113.95	138	30/10/2014
EGWU	LEVEL	PAPI	513301.71N	0002537.52W	79.99	262.43	N	509154.67	184681.35	33.93	111.32	139	30/10/2014
EGWU	PAPI		513301.44N	0002537.40W	80.62	264.48	N	509157.25	184672.98	34.56	113.38	140	30/10/2014
EGWU	LEVEL	PAPI	513301.43N	0002537.36W	79.91	262.17	N	509158.04	184672.86	33.85	111.06	141	30/10/2014
EGWU	PAPI		513304.22N	0002534.83W	80.60	264.44	N	509204.97	184759.89	34.54	113.33	142	30/10/2014
EGWU	RWD	D2	513258.38N	0002534.72W	79.31	260.21	N	509210.86	184579.61	33.26	109.11	143	30/10/2014
EGWU	RWD	MTI	513301.47N	0002534.53W	79.85	261.96	N	509212.49	184675.09	33.79	110.85	144	30/10/2014
EGWU	MTI MARKER		513301.56N	0002534.49W	83.22	273.03	Y	509213.15	184678.04	37.16	121.93	145	30/10/2014

RAF NORTHOLT  
CAP232 SURVEY

POINT	IDENTIFICATION	WGS84		ELLIPSOIDAL		OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE	
		LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES			FEET
EGWU	ATC	513314.84N	0002531.71W	85.46	280.38	N	509257.88	185089.39	39.40	129.25	146	30/10/2014
EGWU	RWY	513314.97N	0002530.15W	98.91	324.51	N	509261.27	185093.35	52.85	173.39	147	30/10/2014
EGWU	RWY	513305.29N	0002530.15W	80.63	264.53	N	509294.97	184794.93	34.57	113.43	148	30/10/2014
EGWU	RWY	513306.35N	0002525.48W	80.69	264.71	N	509383.50	184829.84	34.63	113.61	150	30/10/2014
EGWU	E	513303.32N	0002524.52W	79.82	261.87	N	509404.04	184736.53	33.76	110.77	152	30/10/2014
EGWU	RWY	513307.42N	0002520.80W	80.70	264.77	N	509473.00	184864.81	34.65	113.67	154	30/10/2014
EGWU	DRDF	513302.68N	0002516.96W	86.57	284.01	Y	509550.02	184720.00	40.51	132.92	156	30/10/2014
EGWU	DRDF	513302.76N	0002516.79W	78.87	258.75	N	509553.33	184722.52	32.82	107.66	157	30/10/2014
EGWU	RWY	513308.50N	0002516.12W	80.83	265.19	N	509562.45	184900.01	34.78	114.09	158	30/10/2014
EGWU	DRDF AZIMU	513303.29N	0002514.82W	78.88	258.80	N	509590.92	184739.64	32.83	107.72	159	30/10/2014
EGWU	DRDF AZIMUTH	513303.29N	0002514.82W	83.65	274.45	N	509590.92	184739.64	37.60	123.36	160	30/10/2014
EGWU	DRDF AZIMUTH	513303.63N	0002513.66W	83.85	275.10	N	509613.02	184750.54	37.80	124.02	161	30/10/2014
EGWU	DRDF AZIMUTH	513303.63N	0002513.65W	79.04	259.31	N	509613.17	184750.70	32.99	108.23	162	30/10/2014
EGWU	DRDF AZIMUTH	513303.71N	0002513.45W	82.89	271.95	N	509617.07	184753.21	36.84	120.86	163	30/10/2014
EGWU	DRDF AZIMU	513303.69N	0002513.44W	78.99	259.14	N	509617.10	184752.70	32.94	108.05	164	30/10/2014
EGWU	TDZE	513309.61N	0002511.27W	81.26	266.60	N	509655.07	184936.30	35.21	115.51	165	30/10/2014
EGWU	RWY	513309.61N	0002511.27W	81.26	266.60	N	509655.07	184936.30	35.21	115.51	166	30/10/2014
EGWU	AE	513309.77N	0002510.55W	83.91	275.28	N	509668.75	184941.70	37.85	124.19	167	30/10/2014
EGWU	ARP	513309.77N	0002510.55W	83.91	275.28	N	509668.75	184941.70	37.85	124.19	168	30/10/2014
EGWU	STAND	513259.52N	0002509.73W	78.12	256.29	N	509691.46	184625.16	32.07	105.22	169	30/10/2014
EGWU	HOLD	513313.79N	0002509.23W	81.93	268.80	N	509691.47	185066.35	35.87	117.70	170	30/10/2014
EGWU	STAND	513300.42N	0002509.60W	78.32	256.95	N	509693.38	184653.09	32.27	105.87	171	30/10/2014
EGWU	STAND	513301.30N	0002509.47W	78.51	257.59	N	509695.26	184680.42	32.47	106.51	172	30/10/2014
EGWU	STAND	513310.65N	0002506.71W	81.19	266.37	N	509742.14	184970.37	35.14	115.28	173	30/10/2014
EGWU	RWY	513259.90N	0002506.36W	78.19	256.51	N	509756.00	184638.33	32.14	105.44	174	30/10/2014
EGWU	STAND	513300.96N	0002506.20W	78.37	257.13	N	509758.47	184671.14	32.33	106.06	175	30/10/2014
EGWU	STAND	513302.02N	0002506.03W	78.56	257.76	N	509760.94	184703.93	32.52	106.68	176	30/10/2014
EGWU	STAND	513308.37N	0002504.24W	79.89	262.11	N	509791.16	184900.87	33.84	111.02	177	30/10/2014
EGWU	PAR	513308.40N	0002504.24W	84.93	278.65	N	509791.22	184902.03	38.88	127.57	178	30/10/2014
EGWU	PAR	513308.28N	0002504.20W	90.94	298.37	Y	509791.98	184898.30	44.89	147.29	179	30/10/2014
EGWU	PAR AERIAL	513308.28N	0002504.20W	79.92	262.21	N	509791.98	184898.31	33.57	111.13	180	30/10/2014
EGWU	RWY	513311.71N	0002502.07W	80.55	264.27	N	509830.84	183606.11	34.50	113.18	181	30/10/2014
EGWU	STAND	513259.68N	0002502.25W	78.73	258.31	N	509835.32	184633.20	32.69	107.24	182	30/10/2014
EGWU	STAND	513300.78N	0002502.08W	78.88	258.80	N	509837.92	184667.46	32.84	107.73	183	30/10/2014
EGWU	STAND	513301.89N	0002501.91W	79.03	259.28	N	509840.52	184701.73	32.98	108.21	184	30/10/2014
EGWU	STAND	513302.91N	0002501.75W	79.15	259.67	Y	509842.82	184733.23	33.10	108.59	185	30/10/2014
EGWU	STAND	513303.00N	0002501.74W	79.15	259.68	N	509843.04	184735.99	33.10	108.61	186	30/10/2014
EGWU	STAND	513259.38N	0002458.44W	79.45	260.66	N	509868.96	184625.79	33.40	109.59	187	30/10/2014
EGWU	STAND	513300.36N	0002458.29W	79.54	260.95	N	509911.26	184656.02	33.49	109.89	188	30/10/2014
EGWU	ANEMOMETER	513306.55N	0002457.99W	79.49	260.80	N	509912.78	184647.20	33.45	109.73	189	30/10/2014
EGWU	ANEMOMETER	513301.34N	0002458.13W	90.60	297.24	Y	509912.85	184847.31	44.55	146.17	190	30/10/2014
EGWU	ANEMOMETER	513301.34N	0002458.13W	79.63	261.25	N	509913.56	184848.33	33.68	110.18	191	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL		OSGB36	ORTHOMETRIC		RECORD ID	SURVEY DATE		
			LATITUDE	LONGITUDE	METRES	FEET		LIT	EASTING			NORTHING	METRES
EGWU	STAND	4MO	513302.32N	0002457.98W	79.72	261.55	N	509915.86	184716.64	33.68	110.48	192	30/10/2014
EGWU	STAND	4O	513303.30N	0002457.83W	79.81	261.84	N	509918.16	184746.96	33.77	110.78	193	30/10/2014
EGWU	LEVEL	RWY	513312.79N	0002457.38W	80.31	263.47	N	509920.44	185040.28	34.26	112.39	194	30/10/2014
EGWU	HOLD	C2	513309.34N	0002456.36W	79.77	261.70	N	509942.32	184934.09	33.72	110.62	195	30/10/2014
EGWU	ABN		513323.37N	0002454.58W	105.43	345.89	N	509967.29	185368.21	59.37	194.79	196	30/10/2014
EGWU	STAND	5L	513259.21N	0002454.61W	79.51	260.82	N	509982.86	184622.04	33.47	109.81	197	30/10/2014
EGWU	STAND	5M	513300.32N	0002454.44W	79.74	261.67	N	509985.44	184656.22	33.70	110.56	198	30/10/2014
EGWU	STAND	5MO	513301.42N	0002454.26W	79.97	262.37	N	509988.03	184690.39	33.93	111.31	199	30/10/2014
EGWU	STAND	5	513302.41N	0002454.11W	80.17	263.02	Y	509990.31	184721.03	34.13	111.96	200	30/10/2014
EGWU	STAND	5O	513302.52N	0002454.09W	80.19	263.09	N	509990.56	184724.57	34.15	112.03	201	30/10/2014
EGWU	LEVEL	RWY	513313.86N	0002452.69W	80.62	264.51	N	510009.97	185075.47	34.57	113.43	202	30/10/2014
EGWU	STAND	6L	513258.88N	0002451.17W	79.04	259.33	N	510049.29	184613.39	33.00	108.27	203	30/10/2014
EGWU	STAND	6M	513259.76N	0002451.03W	79.28	260.11	N	510051.32	184640.38	33.24	109.06	204	30/10/2014
EGWU	STAND	6MO	513300.63N	0002450.90W	79.52	260.90	N	510053.35	184667.38	33.48	109.85	205	30/10/2014
EGWU	STAND	6O	513301.50N	0002450.76W	79.76	261.69	N	510055.38	184694.37	33.72	110.63	206	30/10/2014
EGWU	LEVEL	RWY	513314.93N	0002448.01W	81.16	266.29	N	510099.46	185110.39	35.12	115.21	207	30/10/2014
EGWU	HOLD	B2	513309.48N	0002448.12W	80.42	263.86	N	510100.93	184941.97	34.38	112.79	208	30/10/2014
EGWU	STAND	7L	513258.71N	0002448.06W	78.78	258.45	N	510109.28	184609.31	32.74	107.40	209	30/10/2014
EGWU	STAND	7M	513259.59N	0002447.93W	79.04	259.31	N	510111.31	184636.54	33.00	108.26	210	30/10/2014
EGWU	STAND	7O	513300.47N	0002447.79W	79.30	260.17	N	510113.34	184663.77	33.26	109.12	211	30/10/2014
EGWU	HOLD	B1	513311.79N	0002447.12W	80.58	264.37	N	510118.62	185013.84	34.53	113.30	212	30/10/2014
EGWU	HELL AIM		513303.03N	0002445.94W	79.68	261.42	N	510147.16	184743.63	33.64	110.36	213	30/10/2014
EGWU	WINDSOCK		513310.02N	0002444.66W	92.89	304.77	Y	510167.27	184960.08	46.85	153.70	214	30/10/2014
EGWU	WINDSOCK	8L	513258.48N	0002444.74W	80.54	264.23	N	510167.85	184960.19	34.49	113.17	215	30/10/2014
EGWU	HOLD	A2	513319.23N	0002443.92W	78.71	258.24	N	510173.31	184603.69	32.68	107.20	216	30/10/2014
EGWU	STAND	8M	513259.37N	0002444.60W	83.81	274.97	N	510175.23	185244.89	37.76	123.89	217	30/10/2014
EGWU	LEVEL	RWY	513316.00N	0002443.34W	78.97	259.09	N	510175.47	184631.17	32.93	108.04	218	30/10/2014
EGWU	THE MARKER		513313.23N	0002442.33W	81.89	268.68	N	510188.58	185145.42	35.85	117.60	219	30/10/2014
EGWU	LEVEL	MTI	513313.21N	0002442.28W	84.25	276.41	Y	510209.92	185060.22	38.21	125.34	220	30/10/2014
EGWU	STAND	9L	513258.25N	0002440.95W	80.92	265.47	N	510210.93	185059.76	34.87	114.41	221	30/10/2014
EGWU	LEVEL	PAPI	513318.97N	0002440.00W	78.99	259.14	N	510246.48	184598.04	32.95	108.10	222	30/10/2014
EGWU	WIND		513318.98N	0002439.98W	83.10	272.64	N	510250.87	185238.39	37.05	121.57	223	30/10/2014
EGWU	CHECK PT2		513319.90N	0002439.94W	83.78	274.88	N	510251.25	185238.77	37.74	123.81	224	30/10/2014
EGWU	LEVEL	0725	513316.76N	0002440.01W	89.06	292.19	Y	510251.51	185267.20	43.01	141.11	225	30/10/2014
EGWU	LEVEL	PAPI	513318.70N	0002439.84W	82.35	270.16	N	510252.28	185170.38	36.30	119.09	226	30/10/2014
EGWU	LEVEL	PAPI	513318.70N	0002439.84W	82.92	272.04	N	510254.17	185230.13	36.87	120.97	227	30/10/2014
EGWU	LEVEL	PAPI	513318.71N	0002439.82W	83.90	275.27	N	510254.55	185230.45	37.86	124.20	228	30/10/2014
EGWU	LEVEL	PAPI	513318.42N	0002439.68W	82.77	271.55	N	510257.88	185221.80	36.72	120.48	229	30/10/2014
EGWU	LEVEL	PAPI	513318.43N	0002439.66W	83.81	274.97	N	510257.84	185222.06	37.77	123.90	230	30/10/2014
EGWU	LEVEL	PAPI	513318.15N	0002439.53W	82.58	270.93	N	510260.55	185213.37	36.53	119.85	231	30/10/2014
EGWU	LEVEL	PAPI	513318.16N	0002439.50W	83.80	274.94	N	510261.13	185213.64	37.76	123.87	232	30/10/2014
EGWU	LEVEL	INHNT	513312.83N	0002439.57W	89.03	292.09	Y	510263.38	185049.10	42.98	141.02	233	30/10/2014

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LEVEL	IDENTIFICATION	WGS84		ELLIPSOIDAL		LIT	OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
		LATITUDE	LONGITUDE	METRES	FEET		NORTHING	EASTING	NORTHING	METRES		
EGWU	DME	513312.82N	0002439.57W	80.94	265.55	N	510263.44	185048.87	34.90	114.49	234	30/10/2014
EGWU	PAPI	513315.64N	0002439.38W	81.74	268.19	N	510265.17	185135.77	35.70	117.12	235	30/10/2014
EGWU	PAPI	513315.65N	0002439.35W	82.29	269.98	N	510265.60	185136.17	36.25	118.92	236	30/10/2014
EGWU	GP	513312.80N	0002439.34W	96.66	317.14	Y	510267.79	185048.26	50.62	166.08	237	30/10/2014
EGWU	LEVEL	513315.36N	0002439.21W	81.72	268.11	N	510268.52	185127.36	35.68	117.05	238	30/10/2014
EGWU	PAPI	513315.38N	0002439.19W	82.38	270.29	N	510268.91	185127.83	36.34	119.22	239	30/10/2014
EGWU	LEVEL	513312.80N	0002439.27W	81.25	266.57	N	510269.23	185048.12	35.21	115.51	240	30/10/2014
EGWU	PAPI	513315.09N	0002439.06W	81.46	267.25	N	510271.73	185119.03	35.41	116.18	241	30/10/2014
EGWU	PAPI	513315.11N	0002439.03W	82.31	270.06	N	510272.15	185119.55	36.27	118.99	242	30/10/2014
EGWU	LEVEL	513314.82N	0002438.89W	81.33	266.82	N	510275.16	185110.74	35.28	115.75	243	30/10/2014
EGWU	PAPI	513314.83N	0002438.87W	82.27	269.91	N	510275.41	185111.19	36.22	118.84	244	30/10/2014
EGWU	LEVEL	513317.08N	0002438.61W	82.45	270.50	N	510279.04	185180.84	36.40	119.43	245	30/10/2014
EGWU	GP	513313.51N	0002438.38W	86.12	282.55	N	510324.33	185071.34	40.08	131.49	246	30/10/2014
EGWU	GP MONITOR	513313.50N	0002438.37W	81.02	265.81	N	510324.55	185071.01	34.98	114.75	247	30/10/2014
EGWU	HOLD	513321.02N	0002435.82W	84.93	278.64	N	510330.05	185303.65	38.88	127.57	248	30/10/2014
EGWU	LEVEL	513318.14N	0002433.98W	82.89	271.95	N	510367.49	185215.36	36.85	120.88	249	30/10/2014
EGWU	TDZE	513319.16N	0002429.53W	83.90	275.25	N	510452.49	185248.86	37.85	124.19	250	30/10/2014
EGWU	TORA START	513319.16N	0002429.53W	83.90	275.25	N	510452.49	185248.86	37.85	124.19	254	30/10/2014
EGWU	THR	513319.16N	0002429.53W	83.90	275.25	N	510452.49	185248.86	37.85	124.19	255	30/10/2014
EGWU	TODA END	513320.10N	0002425.43W	85.36	280.06	N	510530.72	185279.52	39.32	129.00	256	30/10/2014
EGWU	TODA END	513300.22N	0002552.28W	80.20	263.13	N	508871.56	184629.28	34.14	112.00	257	26/05/2015
EGWU	ASDA END	513301.78N	0002545.45W	80.88	265.35	N	509001.91	184680.36	34.82	114.23	258	26/05/2015
EGWU	LDA END	513301.78N	0002545.45W	80.88	265.35	N	509001.91	184680.36	34.82	114.23	259	26/05/2015
EGWU	TORA END	513318.16N	0002433.89W	82.89	271.95	N	510369.10	185216.18	36.85	120.88	261	26/05/2015
EGWU	TORA END	513318.16N	0002433.89W	82.89	271.95	N	510369.10	185216.18	36.85	120.88	262	26/05/2015
EGWU	LDA END	513318.16N	0002433.89W	82.89	271.95	N	510369.10	185216.18	36.85	120.88	263	26/05/2015

# Annex D

## Aerodrome Obstacle Listing

RAF NORTHOLT  
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OBJECT	IDENTIFICATION	WGS84 LATITUDE LONGITUDE	ELIPSOIDAL METRES FEET	LIT	OSGB36 EASTING NORTHING	ORTHOMETRIC METRES FEET	RECORD ID	SURVEY DATE
EGWU	PYLON	513401.12N 0003245.40W	169.29 555.42 N	500877.75	186346.22	123.06 403.74	1000	30/10/2014
EGWU	PYLON	513358.44N 0003228.12W	161.19 528.85 N	501212.13	186269.84	114.97 377.20	1001	30/10/2014
EGWU	PYLON	513319.98N 0003205.41W	145.39 477.01 N	501673.13	185090.70	99.20 325.46	1002	30/10/2014
EGWU	PYLON	513348.57N 0003150.03W	155.73 504.35 N	501951.50	185979.75	107.52 352.76	1003	30/10/2014
EGWU	PYLON	513402.45N 0003129.28W	145.32 476.76 N	502342.47	186416.45	99.11 325.16	1004	30/10/2014
EGWU	CHIMNEY	512908.64N 0003017.92W	143.46 470.67 N	505901.63	177388.38	97.44 319.69	1005	30/10/2014
EGWU	PYLON	513119.61N 0002940.45W	127.29 417.62 N	504505.10	181428.95	81.21 266.44	1006	30/10/2014
EGWU	PYLON	513219.06N 0002935.13W	128.19 420.57 N	504605.80	183267.35	82.08 269.28	1007	30/10/2014
EGWU	PYLON	513054.54N 0002936.39W	130.87 429.35 N	504635.23	180656.20	84.80 278.22	1008	30/10/2014
EGWU	PYLON	513208.60N 0002928.57W	128.00 419.96 N	504738.76	182947.07	81.90 268.70	1009	30/10/2014
EGWU	PYLON	513403.87N 0002854.26W	130.78 429.06 N	505325.86	186521.43	84.62 277.62	1010	30/10/2014
EGWU	BUILDING	513247.17N 0002837.30W	141.18 463.20 N	505701.72	184159.02	95.07 311.92	1011	30/10/2014
EGWU	TREES	513431.55N 0002826.83W	119.63 392.49 N	505836.01	187387.56	73.47 241.03	1012	30/10/2014
EGWU	TREES	513451.26N 0002820.53W	112.25 368.26 N	505944.62	187998.76	66.07 216.77	1013	30/10/2014
EGWU	TREE	513447.55N 0002819.65W	113.14 371.20 N	505963.91	187884.79	66.97 219.72	1014	30/10/2014
EGWU	PYLON	513510.89N 0002818.75W	138.40 454.08 N	505966.14	188605.99	92.22 302.56	1015	30/10/2014
EGWU	SPIRE	513234.70N 0002823.76W	139.79 458.63 N	505970.62	183779.08	93.69 307.39	1016	30/10/2014
EGWU	TREES	513429.91N 0002818.97W	124.66 408.99 N	505988.47	187339.98	78.50 257.54	1017	30/10/2014
EGWU	TREE	513307.37N 0002821.51W	126.33 414.45 N	505992.75	184789.11	80.21 263.15	1018	30/10/2014
EGWU	TOWER AERIAL	513320.36N 0002819.62W	141.17 463.17 N	506020.87	185191.18	95.05 311.85	1019	30/10/2014
EGWU	TREES	513437.78N 0002814.98W	112.02 367.52 N	506060.12	187584.67	65.86 216.06	1020	30/10/2014
EGWU	TREES	513433.30N 0002812.82W	118.29 388.09 N	506103.41	188508.92	72.13 236.64	1021	30/10/2014
EGWU	TREE	513408.01N 0002812.95W	137.56 451.30 N	506118.47	186665.86	91.41 299.90	1022	30/10/2014
EGWU	TREE	513316.20N 0002814.69W	127.19 417.28 N	506118.49	185064.65	81.07 265.98	1023	30/10/2014
EGWU	TREE	513411.96N 0002812.44W	137.49 451.08 N	506125.77	186788.07	91.34 299.67	1024	30/10/2014
EGWU	HILL	513409.72N 0002812.40W	143.01 469.18 N	506127.89	186718.84	96.86 317.78	1025	30/10/2014
EGWU	PYLON	513518.53N 0002807.63W	139.34 457.15 N	506175.29	188346.58	93.16 305.63	1026	30/10/2014
EGWU	MAST	513246.56N 0002809.94W	133.28 437.25 N	506229.13	184154.04	87.17 286.00	1027	30/10/2014
EGWU	TREE	513455.44N 0002804.08W	109.25 358.44 N	506258.45	189134.71	87.17 286.00	1028	30/10/2014
EGWU	TREE	513359.89N 0002805.84W	142.55 467.68 N	506260.66	186417.86	96.41 316.31	1029	30/10/2014
EGWU	TREE	513137.50N 0002802.26W	133.25 437.16 N	506285.22	186264.66	87.09 285.72	1030	30/10/2014
EGWU	TREE	513358.53N 0002759.02W	129.05 423.39 N	506302.83	186564.78	82.91 272.02	1031	30/10/2014
EGWU	TREE	513439.49N 0002756.10W	131.02 429.87 N	506192.35	186184.11	84.86 278.13	1032	30/10/2014
EGWU	TREE	513440.03N 0002755.47W	130.68 428.75 N	506194.56	186264.72	84.92 277.31	1033	30/10/2014
EGWU	TREE	513432.01N 0002755.11W	130.98 429.73 N	506195.29	186344.67	84.93 277.16	1034	30/10/2014
EGWU	TREE	513333.62N 0002753.09W	129.38 424.48 N	506195.44	186344.67	84.93 277.16	1035	30/10/2014
EGWU	TREE	513442.91N 0002749.59W	130.29 427.47 N	506195.60	186765.38	84.13 276.03	1036	30/10/2014
EGWU	TREE	513445.69N 0002745.76W	129.55 425.02 N	506195.81	186765.38	84.13 276.03	1037	30/10/2014
EGWU	TREE	513427.53N 0002743.74W	114.17 374.56 N	506196.13	186765.38	80.66 275.36	1038	30/10/2014
EGWU	TREE	513327.95N 0002743.66W	112.18 368.05 N	506196.44	186765.38	66.15 219.56	1039	30/10/2014
EGWU	TREE	513435.27N 0002740.88W	132.33 434.14 N	506196.75	186765.38	83.93 297.92	1040	30/10/2014
EGWU	TREE	513429.99N 0002740.41W	126.87 416.25 N	506196.99	186765.38	80.79 284.06	1041	30/10/2014
EGWU	TREE	513402.49N 0002735.19W	117.99 387.10 N	506199.82	186384.99	74.52 236.64	1042	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL METRES	FEET	LIT	OSGB36		ORTHOMETRIC METRES	FEET	RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE				EASTING	NORTHING				
EGWU	OBST	TREE	513322.54N	000273.70W	130.09	426.81	N	506820.67	183730.09	84.01	275.62	1043	30/10/2014
EGWU	OBST	BUILDING	513132.93N	000274.160W	128.31	453.78	N	506822.77	181888.02	92.26	302.69	1044	30/10/2014
EGWU	OBST	TREE	513229.14N	000273.80W	135.58	411.99	N	506840.17	183628.64	79.49	260.80	1045	30/10/2014
EGWU	OBST	TREE	513231.60N	000273.789W	129.26	424.08	N	506856.17	183701.86	83.18	272.89	1046	30/10/2014
EGWU	OBST	TREE	513443.11N	000273.294W	131.10	430.13	N	506865.92	187766.46	84.95	278.71	1047	30/10/2014
EGWU	OBST	TREE	513444.06N	000273.277W	133.94	439.45	N	506868.62	187795.72	87.79	288.02	1048	30/10/2014
EGWU	OBST	TREE	513229.73N	000273.691W	132.23	433.83	N	506878.34	183548.07	86.15	282.64	1049	30/10/2014
EGWU	OBST	TREE	513226.54N	000273.696W	122.78	402.82	N	506875.31	183644.54	76.70	251.11	1050	30/10/2014
EGWU	OBST	TREE	513443.98N	000273.175W	127.98	419.89	N	506888.38	187789.95	81.83	268.47	1051	30/10/2014
EGWU	OBST	CHURCH	513206.17N	000273.650W	132.11	433.43	N	506899.55	182916.96	86.04	282.28	1052	30/10/2014
EGWU	OBST	TREE	513233.08N	000273.510W	132.45	434.55	N	506908.98	183748.69	86.37	283.36	1053	30/10/2014
EGWU	OBST	TREE	513227.38N	000273.450W	122.62	402.30	N	506918.35	183849.38	76.54	251.11	1054	30/10/2014
EGWU	OBST	TREE	513227.38N	000273.372W	131.40	431.09	N	506939.25	183573.26	85.32	279.91	1055	30/10/2014
EGWU	OBST	TREE	513231.11N	000273.302W	135.16	443.44	N	506950.25	183688.81	89.08	292.25	1056	30/10/2014
EGWU	OBST	TREE	513231.07N	000272.960W	136.34	447.32	N	507016.13	183689.00	90.26	296.14	1057	30/10/2014
EGWU	OBST	TREE	513228.44N	000272.832W	131.70	432.10	N	507042.51	183608.31	85.63	280.93	1058	30/10/2014
EGWU	OBST	MAST	513443.25N	000272.185W	117.49	376.79	N	507259.16	186457.89	68.72	225.47	1064	30/10/2014
EGWU	OBST	TREE	513246.31N	000272.417W	139.16	392.64	N	507110.81	184161.95	73.59	241.44	1060	30/10/2014
EGWU	OBST	TREE	513402.77N	000271.462W	117.03	383.94	N	507244.83	186521.56	70.90	232.62	1061	30/10/2014
EGWU	OBST	TREE	513409.54N	000271.406W	107.99	354.31	N	507251.10	186737.14	61.86	202.97	1062	30/10/2014
EGWU	OBST	TREE	513401.15N	000271.414W	116.79	383.18	N	507255.13	186477.74	70.67	231.86	1063	30/10/2014
EGWU	OBST	TREE	513400.50N	000271.95W	114.85	378.79	N	507259.16	186457.89	68.72	225.47	1064	30/10/2014
EGWU	OBST	TREE	513400.04N	000271.85W	117.79	386.46	N	507261.39	186443.56	71.67	235.14	1065	30/10/2014
EGWU	OBST	TREE	513406.16N	000271.293W	104.89	344.11	N	507275.11	186632.94	58.76	192.79	1066	30/10/2014
EGWU	OBST	TREE	513403.25N	000271.77W	116.25	381.39	N	507299.44	186543.61	70.12	230.07	1067	30/10/2014
EGWU	OBST	TREE	513227.84N	000271.456W	120.30	394.70	N	507307.37	183626.18	74.23	243.54	1069	30/10/2014
EGWU	OBST	TREE	513400.28N	000271.133W	115.91	380.30	N	507313.64	186152.07	69.79	228.98	1070	30/10/2014
EGWU	OBST	TREE	513251.32N	000271.342W	112.81	370.10	N	507314.63	184321.07	66.72	218.90	1071	30/10/2014
EGWU	OBST	TREE	513358.85N	000271.092W	118.21	387.82	N	507318.66	186403.14	72.09	236.51	1072	30/10/2014
EGWU	OBST	TREE	513311.01N	000271.251W	105.68	346.71	N	507319.23	184920.61	59.58	195.48	1073	30/10/2014
EGWU	OBST	TREE	513358.32N	000271.054W	110.25	361.71	N	507326.34	186391.97	64.13	210.40	1074	30/10/2014
EGWU	OBST	TREE	513358.02N	000271.037W	98.95	324.63	N	507329.76	186382.54	52.83	173.31	1075	30/10/2014
EGWU	OBST	TREE	513356.27N	000270.885W	101.83	334.09	N	507360.13	186329.26	55.71	182.78	1076	30/10/2014
EGWU	OBST	TREE	513348.58N	000270.714W	105.95	347.62	N	507398.12	186092.50	59.84	196.33	1077	30/10/2014
EGWU	OBST	TREE	513309.98N	000270.838W	109.96	360.76	N	507399.53	184893.92	63.87	209.53	1078	30/10/2014
EGWU	OBST	TREE	513348.83N	000270.691W	106.50	349.41	N	507408.42	186100.30	60.39	198.12	1079	30/10/2014
EGWU	OBST	TREE	513351.43N	000270.511W	108.04	354.48	N	507419.99	186180.97	61.93	203.18	1080	30/10/2014
EGWU	OBST	MAST	513156.31N	000270.954W	141.52	464.32	N	507425.29	186233.22	95.47	313.22	1081	30/10/2014
EGWU	OBST	TREE	513312.56N	000270.638W	102.93	337.68	N	507436.38	184970.97	56.83	186.45	1082	30/10/2014
EGWU	OBST	TREE	513356.57N	000270.442W	97.35	319.37	N	507445.22	186340.36	51.23	168.07	1083	30/10/2014
EGWU	OBST	TREE	513350.21N	000270.438W	110.25	361.70	N	507450.09	186143.99	64.13	210.41	1084	30/10/2014
EGWU	OBST	TREE	513312.77N	000270.528W	100.56	329.91	N	507457.28	184986.89	54.46	178.69	1085	30/10/2014

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FEATURE	IDENTIFICATION	WGS84			ELLIPSOIDAL			OSGB36			ORTHOMETRIC			RECORD ID	SURVEY DATE
		LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES	FEET	RECORD ID				
TREE	TREE	513353.47N	0002703.51W	97.10	318.56	N	507464.75	186245.00	50.98	167.26	1086	30/10/2014			
TREE	TREE	513310.87N	0002704.76W	92.93	304.89	N	507468.57	184928.37	46.84	153.67	1087	30/10/2014			
TREE	TREE	513314.11N	0002704.49W	104.09	341.50	N	507471.70	185028.64	58.00	190.27	1088	30/10/2014			
TREE	TREE	513309.45N	0002704.46W	102.39	335.91	N	507475.33	184884.80	56.29	184.69	1089	30/10/2014			
TREE	TREE	513353.26N	0002702.22W	115.18	377.90	N	507489.68	186239.10	69.07	226.60	1090	30/10/2014			
TREE	TREE	513313.40N	0002703.41W	97.32	319.28	N	507492.97	185007.32	51.22	168.06	1091	30/10/2014			
TREE	TREE	513309.15N	0002703.17W	105.18	345.09	N	507500.41	184876.04	59.09	193.87	1092	30/10/2014			
TREE	TREE	513350.15N	0002701.08W	105.60	346.44	N	507513.68	186143.28	59.48	195.16	1093	30/10/2014			
TREE	TREE	513254.30N	0002702.56W	106.28	348.70	N	507521.73	184417.66	60.20	197.51	1094	30/10/2014			
TREE	TREE	513254.09N	0002702.29W	106.22	348.47	N	507527.09	184411.10	60.13	197.28	1095	30/10/2014			
TREE	TREE	513311.83N	0002701.38W	98.06	321.73	N	507530.08	185096.56	51.97	170.51	1096	30/10/2014			
TREE	TREE	513316.12N	0002659.01W	104.22	335.36	N	507575.80	185093.03	56.12	184.13	1102	30/10/2014			
TREE	TREE	513254.24N	0002701.35W	102.83	337.36	N	507545.14	184416.08	56.74	186.16	1098	30/10/2014			
TREE	TREE	513253.82N	0002700.97W	103.17	338.47	N	507552.78	184403.26	57.08	187.29	1099	30/10/2014			
TREE	TREE	513316.18N	0002659.78W	101.80	333.99	N	507561.07	185094.61	55.70	182.76	1100	30/10/2014			
TREE	TREE	513254.17N	0002659.93W	104.27	342.08	N	507572.57	184414.51	58.18	190.90	1101	30/10/2014			
TREE	TREE	513316.12N	0002659.01W	102.22	335.36	N	507575.80	185093.03	56.12	184.13	1102	30/10/2014			
TREE	TREE	513239.40N	0002700.13W	106.37	348.97	N	507578.28	183958.14	60.29	197.81	1103	30/10/2014			
TREE	TREE	513242.02N	0002659.81W	102.47	336.17	N	507582.76	184039.25	56.39	185.01	1104	30/10/2014			
TREE	TREE	513245.67N	0002659.18W	103.95	341.05	N	507592.47	184152.28	57.87	189.88	1105	30/10/2014			
TREE	TREE	513336.54N	0002657.34W	123.03	403.65	N	507594.62	185724.62	76.93	252.39	1106	30/10/2014			
TREE	TREE	513253.92N	0002657.92W	103.50	339.56	N	507611.41	184408.60	57.42	188.37	1108	30/10/2014			
TREE	TREE	513254.35N	0002657.14W	103.40	339.25	N	507626.24	184421.21	57.32	188.07	1109	30/10/2014			
TREE	TREE	513301.66N	0002656.79W	97.54	320.00	N	507628.16	184647.20	51.45	168.80	1110	30/10/2014			
TREE	TREE	513300.68N	0002656.73W	94.28	309.31	N	507629.95	184616.85	48.19	158.11	1111	30/10/2014			
TREE	TREE	513253.42N	0002656.93W	99.72	327.17	N	507630.76	184332.55	53.64	175.98	1112	30/10/2014			
TREE	TREE	513258.60N	0002656.73W	97.39	319.50	N	507631.28	184552.68	51.30	168.31	1113	30/10/2014			
TREE	TREE	513341.26N	0002654.89W	109.85	360.40	N	507638.81	185871.23	63.74	209.13	1114	30/10/2014			
TREE	TREE	513252.35N	0002656.38W	104.67	343.40	N	507642.20	184936.91	58.50	192.21	1115	30/10/2014			
TREE	TREE	513309.92N	0002655.21W	97.41	319.59	N	507643.14	184906.99	51.32	168.38	1116	30/10/2014			
TREE	TREE	513311.24N	0002654.72W	93.43	306.52	N	507661.79	184943.86	47.31	155.31	1117	30/10/2014			
TREE	TREE	513316.77N	0002654.19W	103.35	339.09	N	507668.13	185013.92	57.26	187.86	1118	30/10/2014			
TREE	TREE	513316.69N	0002653.47W	96.68	317.19	N	507682.11	184913.89	60.59	165.97	1119	30/10/2014			
TREE	TREE	513307.72N	0002652.91W	97.58	320.15	N	507693.89	184936.09	51.49	168.94	1120	30/10/2014			
TREE	TREE	513310.64N	0002652.14W	93.55	306.91	N	507714.98	184936.41	47.46	156.71	1121	30/10/2014			
TREE	TREE	513317.31N	0002651.66W	99.19	325.44	N	507716.65	184936.75	53.16	174.22	1122	30/10/2014			
TREE	TREE	513307.95N	0002651.47W	97.98	321.45	N	507726.59	184936.81	51.89	170.25	1123	30/10/2014			
TREE	TREE	513313.08N	0002651.05W	94.39	309.67	N	507731.23	184936.41	48.30	158.45	1124	30/10/2014			
TREE	TREE	513312.72N	0002650.58W	94.66	310.55	N	507740.42	184936.42	48.47	160.31	1125	30/10/2014			
TREE	TREE	513303.72N	0002650.71W	94.89	311.33	N	507749.12	184936.43	48.61	160.12	1126	30/10/2014			
TREE	TREE	513308.97N	0002650.68W	97.48	319.81	N	507741.88	184936.41	51.39	168.60	1127	30/10/2014			
TREE	TREE	513309.18N	0002650.56W	96.91	317.95	N	507743.25	184936.41	49.82	166.74	1128	30/10/2014			



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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL			OSGB36			ORTHOMETRIC		RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES	FEET			
EGWU	OBST	TREE	513316.18N	0002649.71W	95.42	313.06 N	507754.99	185098.68	49.33	161.85	1129	30/10/2014		
EGWU	OBST	TREE	513318.77N	0002648.73W	101.38	332.61 N	507772.09	185179.20	55.29	181.39	1130	30/10/2014		
EGWU	OBST	TREE	513328.54N	0002648.97W	102.32	335.69 N	507793.99	183936.16	56.25	184.54	1131	30/10/2014		
EGWU	OBST	TREE	513312.47N	0002647.32W	95.30	312.67 N	507803.33	184985.06	49.22	161.47	1132	30/10/2014		
EGWU	OBST	TREE	513300.15N	0002647.33W	108.93	357.38 N	507811.21	184604.38	62.85	206.20	1133	30/10/2014		
EGWU	OBST	TREE	513330.14N	0002646.64W	97.62	320.29 N	507817.94	184913.40	51.54	169.08	1134	30/10/2014		
EGWU	OBST	TREE	513311.79N	0002646.56W	97.59	320.17 N	507818.42	184964.43	51.50	168.97	1135	30/10/2014		
EGWU	OBST	TREE	513330.38N	0002646.58W	97.69	320.52 N	507818.95	184920.70	51.61	169.32	1136	30/10/2014		
EGWU	OBST	TREE	513309.73N	0002645.85W	97.65	320.37 N	507833.54	184901.08	51.56	169.17	1137	30/10/2014		
EGWU	OBST	TREE	513312.29N	0002645.74W	97.20	318.88 N	507834.01	184979.98	51.11	167.68	1138	30/10/2014		
EGWU	OBST	TREE	513311.57N	0002644.43W	97.07	318.46 N	507859.59	184958.53	50.98	167.26	1139	30/10/2014		
EGWU	OBST	TREE	513330.84N	0002639.14W	109.12	358.02 N	507948.89	185555.77	63.03	206.79	1140	30/10/2014		
EGWU	OBST	TREE	513323.31N	0002636.65W	100.07	328.33 N	508034.67	183779.57	54.01	177.20	1141	30/10/2014		
EGWU	OBST	MAST	513316.96N	0002634.89W	108.61	356.32 N	508039.85	185128.73	62.52	205.12	1142	30/10/2014		
EGWU	OBST	TREE	513345.93N	0002630.84W	109.56	359.44 N	508098.80	186022.27	63.46	208.20	1143	30/10/2014		
EGWU	OBST	TREE	513325.90N	0002629.45W	108.06	354.53 N	508138.77	185407.23	61.97	203.33	1144	30/10/2014		
EGWU	OBST	TREE	513219.07N	0002631.51W	118.62	389.19 N	508142.97	183341.96	72.57	238.09	1145	30/10/2014		
EGWU	OBST	TREE	513326.33N	0002628.95W	104.73	343.59 N	508147.97	185420.58	58.64	192.38	1146	30/10/2014		
EGWU	OBST	TREE	513248.42N	0002630.23W	96.20	315.61 N	508148.41	184249.10	50.13	164.47	1147	30/10/2014		
EGWU	OBST	TREE	513326.04N	0002628.56W	108.33	355.43 N	508152.82	185412.02	62.25	204.22	1148	30/10/2014		
EGWU	OBST	TREE	513330.45N	0002628.42W	103.78	340.49 N	508175.60	184748.34	57.70	189.32	1149	30/10/2014		
EGWU	OBST	AERIAL	513254.74N	0002628.75W	90.11	295.62 N	508172.64	184445.02	44.03	144.47	1150	30/10/2014		
EGWU	OBST	TREE	513301.59N	0002628.15W	105.19	345.10 N	508179.77	184656.71	59.11	193.94	1151	30/10/2014		
EGWU	OBST	TREE	513301.77N	0002628.07W	105.45	345.97 N	508181.11	184662.29	59.38	194.81	1152	30/10/2014		
EGWU	OBST	AERIAL	513256.01N	0002628.08W	88.57	290.58 N	508184.71	184484.59	42.50	139.43	1153	30/10/2014		
EGWU	OBST	AERIAL	513256.37N	0002627.97W	89.32	293.03 N	508186.68	184495.57	43.24	141.88	1154	30/10/2014		
EGWU	OBST	AERIAL	513304.44N	0002627.67W	103.70	340.22 N	508187.10	184745.05	57.62	189.05	1155	30/10/2014		
EGWU	OBST	AERIAL	513257.68N	0002627.86W	90.74	297.70 N	508187.89	184536.16	44.66	146.54	1156	30/10/2014		
EGWU	OBST	TREE	513304.62N	0002627.45W	103.53	339.65 N	508191.32	184750.83	57.45	188.48	1157	30/10/2014		
EGWU	OBST	AERIAL	513253.63N	0002627.44W	89.80	294.61 N	508198.75	184471.17	43.73	143.46	1158	30/10/2014		
EGWU	OBST	AERIAL	513255.70N	0002626.44W	88.40	290.03 N	508216.58	184476.43	42.33	138.87	1159	30/10/2014		
EGWU	OBST	AERIAL	513256.05N	0002626.26W	90.03	295.36 N	508219.78	184496.53	43.95	144.20	1160	30/10/2014		
EGWU	OBST	TREE	513259.89N	0002626.09W	95.16	312.21 N	508220.62	184605.28	49.09	161.05	1161	30/10/2014		
EGWU	OBST	TREE	513322.91N	0002625.20W	103.17	338.49 N	508222.41	185316.73	57.09	187.30	1162	30/10/2014		
EGWU	OBST	TREE	513322.60N	0002625.11W	102.47	336.20 N	508232.81	185307.06	56.39	185.00	1163	30/10/2014		
EGWU	OBST	AERIAL	513257.66N	0002625.53W	90.34	296.40 N	508232.81	184536.61	44.27	145.25	1164	30/10/2014		
EGWU	OBST	LAMPPOST	513300.10N	0002625.41W	92.36	303.03 N	508233.46	184612.02	46.29	151.87	1165	30/10/2014		
EGWU	OBST	LAMPPOST	513302.71N	0002625.25W	101.27	332.24 N	508234.79	184692.72	55.19	181.07	1166	30/10/2014		
EGWU	OBST	LAMPPOST	513259.91N	0002623.91W	92.69	304.11 N	508262.41	184606.71	46.62	152.95	1167	30/10/2014		
EGWU	OBST	SPARE	513104.18N	0002626.11W	111.92	367.19 N	508296.34	181030.68	65.91	216.23	1168	30/10/2014		
EGWU	OBST	TREE	513226.91N	0002623.23W	104.41	342.56 N	508297.44	183587.48	58.36	191.45	1169	30/10/2014		
EGWU	OBST	TREE	513226.03N	0002623.13W	112.01	367.48 N	508299.94	183560.40	65.95	216.38	1170	30/10/2014		
EGWU	OBST	TREE	513300.54N	0002621.89W	97.43	319.64 N	508300.91	184627.02	51.35	168.48	1171	30/10/2014		

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UNIQUE IDENTIFICATION	WGS84	ELLIPSOIDAL	OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
			EASTING	NORTHING	METRES	FEET		
EGWU OBST TREE	513321.73N 0002620.89W	103.20 338.59 N	508306.31	185281.85	57.12	187.40	1172	30/10/2014
EGWU OBST TREE	513325.20N 0002622.53W	112.00 367.44 N	508311.93	183534.96	65.94	216.34	1173	30/10/2014
EGWU OBST TREE	513301.88N 0002620.42W	103.95 341.05 N	508328.35	184668.98	57.88	189.90	1174	30/10/2014
EGWU OBST TREE	513305.30N 0002619.32W	100.06 328.26 N	508347.29	184774.96	53.98	177.10	1175	30/10/2014
EGWU OBST LAMPOST	513329.77N 0002619.25W	93.23 305.88 N	508353.35	184602.34	47.16	154.72	1176	30/10/2014
EGWU OBST LAMPOST	513359.70N 0002617.62W	92.92 304.85 N	508383.73	184662.63	46.85	153.70	1177	30/10/2014
EGWU OBST LAMPOST	513301.90N 0002616.73W	94.20 309.06 N	508399.48	184670.99	48.13	157.90	1178	30/10/2014
EGWU OBST LAMPOST	513302.00N 0002616.66W	94.19 309.02 N	508400.86	184674.10	48.12	157.87	1179	30/10/2014
EGWU OBST LAMPOST	513329.61N 0002616.17W	92.67 304.04 N	508411.80	184600.68	46.60	152.89	1180	30/10/2014
EGWU OBST LAMPOST	513301.55N 0002615.74W	93.92 308.14 N	508418.71	184660.76	47.85	156.99	1181	30/10/2014
EGWU OBST LAMPOST	513301.65N 0002615.66W	93.92 308.14 N	508420.34	184663.77	47.85	156.99	1182	30/10/2014
EGWU OBST TREE	513329.59N 0002615.61W	95.69 313.95 N	508423.29	184569.20	49.62	162.81	1183	30/10/2014
EGWU OBST TREE	513223.30N 0002616.74W	115.96 380.46 N	508424.78	183478.60	69.91	229.37	1184	30/10/2014
EGWU OBST TREE	513247.74N 0002615.51W	98.41 322.88 N	508432.25	184234.19	52.35	171.75	1185	30/10/2014
EGWU OBST TREES	513327.37N 0002613.84W	101.24 332.16 N	508438.32	18459.10	55.16	180.97	1186	30/10/2014
EGWU OBST LAMPOST	513301.23N 0002614.71W	93.57 306.99 N	508438.89	184651.13	47.50	155.84	1187	30/10/2014
EGWU OBST LAMPOST	513301.33N 0002614.63W	93.57 307.00 N	508440.37	184654.29	47.50	155.85	1188	30/10/2014
EGWU OBST LAMPOST	513329.51N 0002614.57W	91.68 300.78 N	508442.58	184598.07	45.61	149.64	1189	30/10/2014
EGWU OBST TREE	513326.90N 0002614.60W	96.53 316.69 N	508443.79	184517.34	50.46	165.54	1190	30/10/2014
EGWU OBST TREE	513326.32N 0002614.19W	92.27 302.74 N	508450.77	184561.56	46.20	151.59	1191	30/10/2014
EGWU OBST TREE	513325.17N 0002614.19W	90.75 297.73 N	508451.57	184525.85	44.68	146.59	1192	30/10/2014
EGWU OBST TREE	513255.02N 0002614.21W	90.38 296.51 N	508452.50	184459.52	44.31	145.37	1193	30/10/2014
EGWU OBST TREE	513254.07N 0002614.24W	94.53 310.12 N	508452.60	184430.09	48.46	158.99	1194	30/10/2014
EGWU OBST LAMPOST	513300.93N 0002613.76W	93.31 306.15 N	508457.39	184642.36	47.24	155.00	1195	30/10/2014
EGWU OBST LAMPOST	513301.03N 0002613.68W	93.25 305.94 N	508458.89	184645.41	47.18	154.79	1196	30/10/2014
EGWU OBST LAMPOST	513253.66N 0002613.84W	93.64 307.21 N	508460.68	184417.60	47.57	156.08	1197	30/10/2014
EGWU OBST LAMPOST	513259.35N 0002613.18W	89.54 293.78 N	508469.62	184593.69	43.48	142.63	1198	30/10/2014
EGWU OBST LAMPOST	513300.63N 0002612.74W	92.99 305.09 N	508477.22	184633.50	46.92	153.94	1199	30/10/2014
EGWU OBST LAMPOST	513300.73N 0002612.65W	93.02 305.17 N	508478.89	184636.63	46.95	154.02	1200	30/10/2014
EGWU OBST TREE	513253.47N 0002612.53W	89.75 294.44 N	508485.89	184412.28	43.68	143.30	1201	30/10/2014
EGWU OBST TREE	513254.37N 0002612.07W	92.55 303.65 N	508494.33	184440.23	46.49	152.52	1202	30/10/2014
EGWU OBST TREE	513253.12N 0002612.04W	95.02 311.74 N	508505.62	184461.62	48.95	160.61	1203	30/10/2014
EGWU OBST LAMPOST	513259.18N 0002611.75W	89.14 292.45 N	508497.17	184457.44	43.07	141.31	1204	30/10/2014
EGWU OBST LAMPOST	513258.07N 0002611.55W	86.31 283.18 N	508501.79	184461.97	40.24	132.04	1205	30/10/2014
EGWU OBST LAMPOST	513300.26N 0002611.45W	88.67 290.93 N	508502.92	184461.97	42.60	139.78	1206	30/10/2014
EGWU OBST LAMPOST	513300.40N 0002611.36W	88.55 290.50 N	508503.93	184461.97	42.48	139.36	1207	30/10/2014
EGWU OBST LAMPOST	513259.02N 0002610.46W	88.84 291.45 N	508522.29	184461.97	42.77	140.31	1208	30/10/2014
EGWU OBST LAMPOST	513301.96N 0002610.19W	94.77 310.92 N	508525.46	184461.97	48.70	159.78	1209	30/10/2014
EGWU OBST LAMPOST	513329.93N 0002610.17W	88.44 290.17 N	508527.41	184461.97	42.38	139.03	1210	30/10/2014
EGWU OBST LAMPOST	513300.07N 0002610.10W	88.39 289.99 N	508528.36	184461.97	42.32	138.85	1211	30/10/2014
EGWU OBST LAMPOST	513244.72N 0002610.35W	97.73 320.63 N	508533.73	184461.97	51.67	169.51	1212	30/10/2014
EGWU OBST LAMPOST	513302.78N 0002609.54W	96.04 315.08 N	508537.34	184461.97	49.97	163.93	1213	30/10/2014
EGWU OBST LAMPOST	513302.56N 0002609.47W	95.50 313.31 N	508538.62	184461.97	49.43	162.16	1214	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL			OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES	FEET		
EGWU	OBST	TREE	513303.09N	0002609.40W	93.14	305.59	N	508539.92	184710.94	47.07	154.44	1215	30/10/2014
EGWU	OBST	LAMPPOST	513300.25N	0002609.14W	87.73	287.82	N	508546.69	184623.20	41.66	136.68	1216	30/10/2014
EGWU	OBST	TREE	513258.87N	0002609.11W	85.79	281.47	N	508548.26	184580.57	39.72	130.33	1217	30/10/2014
EGWU	OBST	TREE	513253.58N	0002609.28W	91.71	300.88	N	508548.43	184417.09	45.64	149.74	1218	30/10/2014
EGWU	OBST	LAMPPOST	513259.66N	0002608.95W	88.18	289.32	N	508550.73	184605.03	42.12	138.18	1219	30/10/2014
EGWU	OBST	LAMPPOST	513259.76N	0002608.89W	88.26	289.57	N	508551.86	184608.33	42.19	138.43	1220	30/10/2014
EGWU	OBST	TREE	513259.57N	0002608.66W	86.51	283.83	N	508557.02	184571.55	40.44	132.69	1221	30/10/2014
EGWU	OBST	TREE	513303.88N	0002608.46W	95.14	312.13	N	508557.37	184734.89	49.07	160.98	1222	30/10/2014
EGWU	OBST	TREE	513304.16N	0002608.22W	95.94	314.76	N	508561.85	184744.28	49.87	163.61	1223	30/10/2014
EGWU	OBST	LAMPPOST	513258.67N	0002608.09W	88.72	291.07	N	508568.04	184574.90	42.65	139.93	1224	30/10/2014
EGWU	OBST	LAMPPOST	513259.41N	0002607.84W	88.14	289.16	N	508572.37	184597.66	42.07	138.25	1225	30/10/2014
EGWU	OBST	LAMPPOST	513259.52N	0002607.78W	88.21	289.39	N	508573.50	184601.14	42.14	138.25	1226	30/10/2014
EGWU	OBST	TREE	513330.33N	0002606.65W	101.21	332.06	N	508574.79	185553.40	55.13	180.87	1227	30/10/2014
EGWU	OBST	TREE	513257.93N	0002607.07W	88.66	290.88	N	508568.19	184552.27	42.59	139.74	1228	30/10/2014
EGWU	OBST	LAMPPOST	513258.49N	0002607.04W	84.34	276.71	N	508568.30	184569.66	38.27	125.57	1229	30/10/2014
EGWU	OBST	TREE	513301.04N	0002606.93W	91.72	300.90	N	508568.74	184648.57	45.65	149.76	1230	30/10/2014
EGWU	OBST	LAMPPOST	513258.44N	0002606.71W	83.90	275.27	N	508564.67	184568.33	37.84	124.14	1231	30/10/2014
EGWU	OBST	TREE	513410.33N	0002604.20W	109.25	358.44	N	508595.49	186790.21	63.15	207.19	1232	30/10/2014
EGWU	OBST	TREE	513306.19N	0002606.26W	93.53	306.84	N	508598.19	184807.80	47.46	155.69	1233	30/10/2014
EGWU	OBST	TREE	513250.45N	0002606.69W	92.91	304.82	N	508600.43	184321.43	46.85	153.70	1234	30/10/2014
EGWU	OBST	TREE	513306.80N	0002605.66W	94.20	309.07	N	508609.31	184827.12	48.13	157.92	1236	30/10/2014
EGWU	OBST	TREE	513257.64N	0002605.88W	88.16	289.22	N	508611.24	184563.94	42.09	138.09	1237	30/10/2014
EGWU	OBST	LAMPPOST	513258.28N	0002605.65W	83.74	274.74	N	508615.26	184563.94	37.67	123.61	1238	30/10/2014
EGWU	OBST	TREE	513252.52N	0002605.85W	92.17	302.39	N	508615.30	184385.64	46.10	151.26	1239	30/10/2014
EGWU	OBST	TREE	513300.53N	0002605.26W	91.49	300.17	N	508621.28	184633.50	45.42	149.03	1240	30/10/2014
EGWU	OBST	TREE	513249.30N	0002605.44W	94.48	309.97	N	508625.31	184296.45	48.42	158.85	1241	30/10/2014
EGWU	OBST	TREE	513307.34N	0002604.79W	96.59	316.89	N	508625.89	184844.15	50.52	165.74	1242	30/10/2014
EGWU	OBST	LAMPPOST	513258.18N	0002604.96W	83.91	275.28	N	508628.64	184561.13	37.84	124.14	1243	30/10/2014
EGWU	OBST	TREE	513307.75N	0002604.51W	97.14	318.68	N	508630.91	184856.67	51.06	167.54	1244	30/10/2014
EGWU	OBST	TREE	513249.14N	0002605.08W	94.86	311.20	N	508632.27	184281.56	48.79	160.09	1245	30/10/2014
EGWU	OBST	TREE	513308.12N	0002604.34W	97.13	318.67	N	508633.91	184868.17	51.06	167.52	1246	30/10/2014
EGWU	OBST	TREE	513300.97N	0002604.46W	92.45	303.31	N	508636.50	184617.30	46.38	152.17	1247	30/10/2014
EGWU	OBST	TREE	513300.52N	0002604.32W	92.10	302.16	N	508639.41	184633.51	46.03	151.02	1248	30/10/2014
EGWU	OBST	LAMPPOST	513258.09N	0002604.28W	83.82	274.99	N	508641.74	184558.40	37.75	123.86	1249	30/10/2014
EGWU	OBST	HOLE	513302.41N	0002604.13W	88.96	291.86	N	508641.84	184691.92	42.89	140.72	1250	30/10/2014
EGWU	OBST	HOLE	513308.44N	0002603.91W	99.58	326.70	N	508641.98	184878.38	53.51	175.55	1251	30/10/2014
EGWU	OBST	TREE	513308.91N	0002603.61W	100.26	328.95	N	508647.48	184893.16	54.19	177.80	1252	30/10/2014
EGWU	OBST	TREE	513308.91N	0002603.61W	100.26	328.94	N	508647.49	184893.16	54.19	177.79	1253	30/10/2014
EGWU	OBST	TREE	513300.41N	0002603.85W	91.33	299.64	N	508648.62	184630.20	45.26	148.50	1254	30/10/2014
EGWU	OBST	LAMPPOST	513259.23N	0002603.87W	83.22	273.03	N	508648.89	184593.90	37.16	121.90	1255	30/10/2014
EGWU	OBST	TREE	513251.81N	0002604.10W	90.97	298.46	N	508649.32	184364.57	44.91	147.34	1256	30/10/2014
EGWU	OBST	TREE	513309.16N	0002603.24W	96.07	315.18	N	508654.49	184900.79	50.00	164.03	1257	30/10/2014
EGWU	OBST	LAMPPOST	513258.00N	0002603.62W	83.68	274.55	N	508654.54	184556.08	37.62	123.42	1258	30/10/2014

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EGWU	IDENTIFICATION	WGS84		ELLIPSOIDAL		LIT	OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
		LATITUDE	LONGITUDE	METRES	FEET		NORTHING	EASTING	METRES	FEET		
EGWU	LAMPPOST	513258.64N	0002603.39W	83.26	273.15	N	508658.54	184575.98	37.19	122.02	1259	30/10/2014
EGWU	TREE	513309.59N	0002602.99W	96.61	316.97	N	508658.94	184914.18	50.54	165.82	1260	30/10/2014
EGWU	TREE	513250.71N	0002603.61W	95.04	311.82	N	508659.64	184330.69	48.98	160.71	1261	30/10/2014
EGWU	TREE	513300.80N	0002603.14W	91.99	301.79	N	508661.94	184642.70	45.92	150.66	1262	30/10/2014
EGWU	TREE	513259.81N	0002603.06W	88.33	289.81	N	508664.73	184612.04	42.27	138.67	1263	30/10/2014
EGWU	TREE	513300.82N	0002602.93W	91.18	299.14	N	508665.94	184643.24	45.11	148.01	1264	30/10/2014
EGWU	LAMPPOST	513257.92N	0002603.00W	83.82	275.00	N	508666.62	184553.69	37.75	123.86	1265	30/10/2014
EGWU	BUSH	513259.17N	0002602.88W	84.86	278.43	N	508666.02	184552.58	38.80	127.29	1266	30/10/2014
EGWU	TREE	513249.30N	0002603.15W	93.18	305.70	N	508669.46	184287.36	47.12	154.58	1267	30/10/2014
EGWU	BUSH	513300.37N	0002602.72W	85.53	280.61	N	508670.28	184629.56	39.46	129.47	1268	30/10/2014
EGWU	TREE	513320.29N	0002601.85W	101.92	334.38	N	508673.82	185245.14	55.84	183.21	1269	30/10/2014
EGWU	TREE	513257.39N	0002602.56W	85.68	281.10	N	508675.28	184537.63	39.62	129.97	1270	30/10/2014
EGWU	TREE	513310.52N	0002602.05W	101.33	332.46	N	508676.59	184943.29	55.26	181.31	1271	30/10/2014
EGWU	LAMPPOST	513258.50N	0002602.44W	83.29	273.26	N	508677.02	184571.88	37.22	122.13	1272	30/10/2014
EGWU	LAMPPOST	513257.85N	0002602.31W	83.54	274.09	N	508679.81	184551.91	37.48	122.96	1273	30/10/2014
EGWU	BUSH	513302.14N	0002602.16W	86.94	285.23	N	508680.00	184684.34	40.87	134.09	1274	30/10/2014
EGWU	TREE	513257.27N	0002602.29W	86.45	283.62	N	508680.56	184533.93	40.38	132.49	1275	30/10/2014
EGWU	TREE	513310.84N	0002601.71W	101.66	333.54	N	508682.89	184953.45	55.59	182.39	1276	30/10/2014
EGWU	TREE	513257.39N	0002602.12W	84.76	278.07	N	508683.79	184537.77	38.69	126.94	1277	30/10/2014
EGWU	TREE	513302.39N	0002601.91W	87.73	287.83	N	508684.58	184692.41	41.66	136.70	1278	30/10/2014
EGWU	TREE	513311.19N	0002601.69W	99.27	325.69	N	508684.89	184964.17	53.20	174.54	1279	30/10/2014
EGWU	TREE	513321.13N	0002601.06W	100.85	330.86	N	508688.59	185271.46	54.77	179.69	1280	30/10/2014
EGWU	LAMPPOST	513258.41N	0002601.83W	83.27	273.20	N	508688.83	184569.41	37.20	122.06	1281	30/10/2014
EGWU	TREE	513249.15N	0002602.11W	96.45	316.43	N	508689.52	184283.21	50.39	165.31	1282	30/10/2014
EGWU	LAMPPOST	513257.79N	0002601.63W	83.68	274.52	N	508693.81	184560.31	37.61	123.40	1283	30/10/2014
EGWU	TREE	513258.35N	0002601.42W	83.14	272.78	N	508696.62	184567.76	37.08	121.65	1285	30/10/2014
EGWU	LAMPPOST	513311.41N	0002601.12W	99.58	326.70	N	508699.06	184971.29	53.51	175.55	1284	30/10/2014
EGWU	TREE	513259.13N	0002601.33W	85.84	281.62	N	508697.89	184591.75	39.77	130.49	1286	30/10/2014
EGWU	TREE	513302.09N	0002601.22W	87.68	287.67	N	508698.06	184583.38	41.62	136.54	1287	30/10/2014
EGWU	LAMPPOST	513258.84N	0002601.32W	83.00	272.29	N	508696.22	184567.76	36.93	121.16	1288	30/10/2014
EGWU	TREE	513300.54N	0002601.11W	85.95	281.99	N	508701.10	184554.04	39.89	130.85	1289	30/10/2014
EGWU	TREE	513300.20N	0002600.99W	85.17	279.43	N	508703.69	184542.45	39.41	128.30	1290	30/10/2014
EGWU	TREE	513257.71N	0002601.01W	83.72	274.69	N	508705.16	184559.16	37.66	123.66	1291	30/10/2014
EGWU	TREE	513259.62N	0002600.89W	85.36	280.05	N	508706.14	184567.06	39.29	128.92	1292	30/10/2014
EGWU	TREE	513258.27N	0002600.85W	83.21	273.01	N	508707.79	184565.57	37.19	121.88	1293	30/10/2014
EGWU	TREE	513300.20N	0002600.99W	85.11	279.42	N	508708.64	184565.57	39.06	128.11	1294	30/10/2014
EGWU	TREE	513250.20N	0002601.05W	90.65	297.42	N	508709.14	184565.57	41.59	146.31	1295	30/10/2014
EGWU	TREE	513312.21N	0002600.26W	94.25	309.23	N	508709.79	184998.41	48.18	158.07	1296	30/10/2014
EGWU	TREE	513301.75N	0002600.55W	84.43	277.01	N	508711.19	184574.06	39.37	126.89	1297	30/10/2014
EGWU	TREE	513248.90N	0002600.99W	95.78	314.23	N	508711.23	184565.57	49.72	163.11	1298	30/10/2014
EGWU	TREE	513301.90N	0002600.54W	87.03	285.70	N	508711.23	184565.57	41.07	134.66	1299	30/10/2014
EGWU	TREE	513302.06N	0002600.52W	87.05	285.58	N	508711.62	184565.57	40.99	134.45	1300	30/10/2014
EGWU	TREE	513301.95N	0002600.52W	84.35	276.73	N	508711.61	184565.57	33.26	109.00	1301	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL		OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	EASTING	NORTHING	METRES	FEET		
EGWU	OBST	TREE	513256.94N	0002600.62W	86.47	283.71	508712.13	184524.61	40.41	132.58	1302	30/10/2014
EGWU	OBST	ROAD_SIGN	513257.70N	0002600.62W	83.24	273.09	508713.61	184547.94	37.17	121.96	1303	30/10/2014
EGWU	OBST	GATE	513302.08N	0002600.41W	84.32	276.63	508713.61	184683.30	38.25	125.50	1304	30/10/2014
EGWU	OBST	FENCE	513259.47N	0002600.45W	82.97	272.21	508714.72	184602.76	36.90	121.08	1305	30/10/2014
EGWU	OBST	FENCE	513259.26N	0002600.43W	82.91	272.01	508715.12	184596.37	36.84	120.88	1306	30/10/2014
EGWU	OBST	TREE	513257.44N	0002600.46W	84.91	278.58	508715.23	184540.03	38.85	127.45	1307	30/10/2014
EGWU	OBST	LAMPPOST	513258.22N	0002600.41W	83.28	273.23	508716.15	184563.97	37.22	122.11	1308	30/10/2014
EGWU	OBST	TREE	513257.30N	0002600.43W	84.97	278.78	508716.38	184535.76	38.91	127.65	1309	30/10/2014
EGWU	OBST	LAMPPOST	513257.66N	0002600.39W	83.58	274.20	508716.93	184546.76	37.51	123.07	1310	30/10/2014
EGWU	OBST	LAMPPOST	513258.70N	0002600.31W	82.95	272.16	508717.88	184578.87	36.89	121.03	1311	30/10/2014
EGWU	OBST	FENCE	513258.87N	0002600.29W	82.77	271.57	508718.18	184584.38	36.71	120.44	1312	30/10/2014
EGWU	OBST	FENCE	513302.46N	0002600.14W	84.40	276.89	508718.59	184695.21	38.33	125.75	1313	30/10/2014
EGWU	OBST	FENCE	513258.81N	0002559.83W	82.89	271.93	508726.94	184582.54	36.82	120.80	1314	30/10/2014
EGWU	OBST	LAMPPOST	513258.15N	0002559.85W	83.07	272.53	508727.11	184562.04	37.00	121.40	1315	30/10/2014
EGWU	OBST	LAMPPOST	513257.60N	0002559.75W	83.75	274.77	508729.29	184545.13	37.68	123.64	1316	30/10/2014
EGWU	OBST	LAMPPOST	513258.60N	0002559.64W	82.98	272.23	508730.74	184576.31	36.91	121.82	1317	30/10/2014
EGWU	OBST	CCTV	513303.32N	0002559.30W	86.24	282.95	508734.22	184722.22	40.18	131.82	1318	30/10/2014
EGWU	OBST	LAMPPOST	513258.09N	0002559.42W	83.13	272.74	508735.39	184560.57	37.07	121.61	1319	30/10/2014
EGWU	OBST	TREE	513249.91N	0002559.65W	95.79	314.27	508736.34	184307.71	49.73	163.15	1320	30/10/2014
EGWU	OBST	FENCE	513303.78N	0002559.04W	85.09	279.16	508738.85	184736.48	39.02	128.02	1321	30/10/2014
EGWU	OBST	FENCE	513258.70N	0002559.07W	82.77	271.54	508741.65	184579.61	36.70	120.41	1322	30/10/2014
EGWU	OBST	LAMPPOST	513257.51N	0002559.07W	83.67	274.51	508742.50	184542.74	37.61	123.39	1323	30/10/2014
EGWU	OBST	LAMPPOST	513258.53N	0002558.99W	83.16	272.84	508743.42	184574.43	37.10	121.71	1324	30/10/2014
EGWU	OBST	TREE	513310.67N	0002558.47W	96.99	318.22	508745.26	184949.59	50.92	167.07	1325	30/10/2014
EGWU	OBST	LAMPPOST	513258.02N	0002558.85W	83.23	273.07	508746.48	184558.70	37.17	121.94	1326	30/10/2014
EGWU	OBST	BUILDING	513300.79N	0002558.61W	83.32	273.37	508749.11	184644.31	37.26	122.24	1327	30/10/2014
EGWU	OBST	TREE	513249.40N	0002559.00W	93.73	307.52	508749.20	184292.11	47.67	156.41	1328	30/10/2014
EGWU	OBST	CCTV	513303.76N	0002558.46W	87.77	287.96	508750.11	184736.12	41.70	136.82	1329	30/10/2014
EGWU	OBST	TREE	513256.96N	0002558.67W	84.84	278.35	508750.61	184525.80	38.78	127.22	1330	30/10/2014
EGWU	OBST	TREE	513311.05N	0002557.99W	97.22	318.97	508751.27	184961.94	51.15	167.82	1331	30/10/2014
EGWU	OBST	LAMPPOST	513257.97N	0002558.42W	83.18	272.89	508751.69	184557.36	37.11	121.77	1332	30/10/2014
EGWU	OBST	LAMPPOST	513257.43N	0002558.38W	83.40	273.64	508755.88	184450.57	37.34	122.51	1333	30/10/2014
EGWU	OBST	FENCE	513258.60N	0002558.33W	82.63	271.09	508755.95	184576.67	36.56	119.96	1334	30/10/2014
EGWU	OBST	TREE	513249.23N	0002558.65W	93.15	305.60	508756.00	184287.02	47.09	154.48	1335	30/10/2014
EGWU	OBST	TREE	513316.19N	0002557.67W	100.48	329.66	508757.16	185120.26	54.41	178.50	1336	30/10/2014
EGWU	OBST	LAMPPOST	513258.45N	0002558.26W	83.01	272.33	508757.44	184572.02	36.94	121.20	1337	30/10/2014
EGWU	OBST	FENCE	513305.02N	0002558.01W	85.44	280.30	508757.85	184775.10	39.37	129.38	1338	30/10/2014
EGWU	OBST	FENCE	513258.55N	0002557.88W	82.45	270.51	508764.82	184575.35	36.39	119.38	1339	30/10/2014
EGWU	OBST	LAMPPOST	513257.91N	0002557.84W	83.13	272.72	508765.86	184656.70	37.06	121.00	1340	30/10/2014
EGWU	OBST	CCTV	513305.34N	0002557.56W	88.45	290.20	508766.39	184785.31	42.38	139.06	1341	30/10/2014
EGWU	OBST	BUSH	513257.09N	0002557.79W	83.66	274.47	508767.38	184530.31	37.60	123.34	1342	30/10/2014
EGWU	OBST	TREE	513316.44N	0002557.09W	100.70	330.38	508768.08	185128.16	54.63	179.23	1343	30/10/2014
EGWU	OBST	TREE	513249.71N	0002557.99W	94.47	309.94	508768.44	184302.28	48.41	158.83	1344	30/10/2014

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IDENTIFICATION	WGS84 LATITUDE	WGS84 LONGITUDE	ELLIPSOIDAL METRES	ELLIPSOIDAL FEET	LIT	OSGB36 EASTING	OSGB36 NORTHING	ORTHOMETRIC METRES	ORTHOMETRIC FEET	RECORD ID	SURVEY DATE
EGWU OBST	513257.37N	0002557.70W	83.60	274.27	N	508768.90	184538.94	37.53	123.14	1345	30/10/2014
EGWU OBST	513258.38N	0002557.61W	82.76	271.51	N	508770.01	184570.14	36.69	120.38	1346	30/10/2014
EGWU OBST	513259.02N	0002557.55W	81.86	268.58	N	508770.85	184589.90	35.80	117.45	1347	30/10/2014
EGWU OBST	513258.51N	0002557.56W	82.50	270.68	N	508770.91	184574.38	36.44	119.55	1348	30/10/2014
EGWU OBST	513249.44N	0002557.72W	94.48	309.96	N	508778.89	184294.14	48.42	158.85	1349	30/10/2014
EGWU OBST	513249.40N	0002557.48W	94.59	310.33	N	508778.48	184292.76	48.53	159.22	1350	30/10/2014
EGWU OBST	513257.85N	0002557.17W	83.24	273.09	N	508778.84	184553.92	37.18	121.97	1351	30/10/2014
EGWU OBST	513258.46N	0002557.13W	82.51	270.71	N	508779.31	184572.79	36.45	119.58	1352	30/10/2014
EGWU OBST	513314.89N	0002556.55W	100.54	329.86	N	508780.68	184593.12	41.49	136.13	1353	30/10/2014
EGWU OBST	513305.59N	0002556.81W	87.56	287.26	N	508780.68	184568.34	36.92	121.13	1354	30/10/2014
EGWU OBST	513258.31N	0002556.94W	82.98	272.25	N	508783.01	184568.34	36.92	121.13	1355	30/10/2014
EGWU OBST	513314.61N	0002556.20W	102.05	334.80	N	508786.49	185072.15	55.98	183.65	1356	30/10/2014
EGWU OBST	513249.70N	0002557.01W	91.68	300.77	N	508787.39	184502.37	45.62	149.66	1357	30/10/2014
EGWU OBST	513257.27N	0002556.69W	83.86	275.14	N	508788.50	184536.23	37.80	124.02	1358	30/10/2014
EGWU OBST	513258.41N	0002556.52W	82.46	270.55	N	508791.10	184571.55	36.40	119.43	1360	30/10/2014
EGWU OBST	513249.68N	0002556.71W	91.89	301.47	N	508793.15	184501.95	45.83	150.36	1361	30/10/2014
EGWU OBST	513256.66N	0002556.46W	84.90	278.55	N	508793.30	184517.59	38.84	127.43	1362	30/10/2014
EGWU OBST	513249.39N	0002556.68W	97.20	318.89	N	508793.84	184592.78	51.14	167.78	1363	30/10/2014
EGWU OBST	513257.77N	0002556.37W	83.31	273.33	N	508794.28	184551.82	37.25	122.20	1364	30/10/2014
EGWU OBST	513258.25N	0002556.34W	82.93	272.08	N	508794.52	184566.74	36.87	120.95	1365	30/10/2014
EGWU OBST	513257.24N	0002556.35W	83.35	273.44	N	508795.07	184535.42	37.28	122.32	1366	30/10/2014
EGWU OBST	513249.41N	0002556.41W	97.78	320.79	N	508799.05	184293.77	51.72	169.68	1367	30/10/2014
EGWU OBST	513257.21N	0002556.00W	83.40	273.61	N	508801.82	184534.76	37.34	122.49	1368	30/10/2014
EGWU OBST	513315.14N	0002555.37W	103.86	340.75	N	508802.04	185088.79	57.79	189.60	1369	30/10/2014
EGWU OBST	513249.44N	0002556.04W	96.35	316.10	N	508806.15	184294.64	50.29	164.99	1370	30/10/2014
EGWU OBST	513257.71N	0002555.71W	83.25	273.14	N	508807.04	184540.17	37.19	122.02	1371	30/10/2014
EGWU OBST	513249.33N	0002555.93W	96.49	316.57	N	508808.40	184291.36	50.43	165.46	1372	30/10/2014
EGWU OBST	513258.18N	0002555.61W	82.88	271.92	N	508808.65	184564.92	36.82	120.79	1373	30/10/2014
EGWU OBST	513249.24N	0002555.72W	97.09	318.53	N	508812.42	184288.53	51.03	167.42	1374	30/10/2014
EGWU OBST	513307.89N	0002554.81W	91.52	300.26	N	508817.75	184565.05	45.45	149.12	1375	30/10/2014
EGWU OBST	513314.52N	0002554.41W	103.41	339.27	N	508820.91	184507.26	57.34	188.13	1376	30/10/2014
EGWU OBST	513257.63N	0002554.90W	83.26	273.15	N	508827.75	184544.29	37.19	122.03	1377	30/10/2014
EGWU OBST	513258.11N	0002554.88W	82.94	272.12	N	508827.75	184565.05	36.83	120.99	1378	30/10/2014
EGWU OBST	513319.92N	0002553.88W	96.34	316.07	N	508827.75	184544.29	49.27	161.91	1379	30/10/2014
EGWU OBST	513249.15N	0002554.92W	95.06	311.88	N	508827.89	184544.29	49.00	160.77	1380	30/10/2014
EGWU OBST	513258.23N	0002554.39W	82.38	270.26	N	508832.11	184507.26	36.31	119.14	1381	30/10/2014
EGWU OBST	513306.47N	0002554.05W	87.87	288.27	N	508833.26	184521.45	41.80	137.14	1382	30/10/2014
EGWU OBST	513335.27N	0002552.94W	98.64	323.62	N	508835.97	184711.67	52.56	172.43	1383	30/10/2014
EGWU OBST	513316.91N	0002553.47W	103.21	338.62	N	508837.49	184544.29	57.44	187.47	1384	30/10/2014
EGWU OBST	513258.03N	0002553.96W	82.96	272.16	N	508838.64	184565.05	36.90	121.06	1385	30/10/2014
EGWU OBST	513315.07N	0002553.37W	104.38	342.45	N	508838.64	184544.29	58.31	191.30	1386	30/10/2014
EGWU OBST	513317.61N	0002553.28W	102.59	336.57	N	508840.70	184544.29	56.51	185.11	1387	30/10/2014
EGWU OBST	513317.10N	0002553.07W	103.61	339.94	N	508842.41	184507.26	57.94	188.79	1388	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL		OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	EASTING	NORTHING	METRES	FEET		
EGWU	OBST	TREE	513317.94N	0002552.85W	103.03	338.02 N	508848.76	185176.33	56.96	186.86	1389	30/10/2014
EGWU	OBST	TREE	513318.12N	0002552.78W	102.29	335.58 N	508849.95	185182.10	56.21	184.43	1390	30/10/2014
EGWU	OBST	TREE	513315.31N	0002552.81W	104.55	343.00 N	508851.18	185095.20	58.48	191.85	1391	30/10/2014
EGWU	OBST	TREES	513249.05N	0002553.66W	93.69	307.38 N	508852.39	184283.53	47.63	156.28	1392	30/10/2014
EGWU	OBST	LAMPPOST	513257.94N	0002553.02W	83.01	272.35 N	508858.67	184558.63	36.95	121.23	1393	30/10/2014
EGWU	OBST	AERIAL	513300.12N	0002552.70W	80.97	265.65 N	508863.39	184625.92	34.91	114.53	1395	30/10/2014
EGWU	OBST	TREES	513249.18N	0002553.04W	94.62	310.43 N	508864.10	184287.90	48.56	159.32	1396	30/10/2014
EGWU	OBST	TREE	513315.57N	0002551.85W	99.10	325.14 N	508869.54	185103.52	53.03	174.00	1398	30/10/2014
EGWU	OBST	TREE	513317.40N	0002551.71W	97.71	320.56 N	508871.08	185160.14	51.64	169.41	1397	30/10/2014
EGWU	OBST	NOTICE_BOARD	513301.89N	0002552.24W	81.22	266.46 N	508871.10	184681.01	35.15	115.33	1398	30/10/2014
EGWU	OBST	TREE	513341.63N	0002550.74W	99.07	325.02 N	508873.64	184509.21	52.98	173.83	1399	30/10/2014
EGWU	OBST	LAMPPOST	513257.88N	0002552.15W	83.13	272.73 N	508875.74	184509.54	38.96	127.81	1400	30/10/2014
EGWU	OBST	BUSH	513256.34N	0002552.19W	85.02	278.93 N	508876.62	184604.38	60.56	198.68	1402	30/10/2014
EGWU	OBST	TREE	513345.94N	0002550.44W	106.64	349.88 N	508876.85	184562.38	36.32	119.17	1403	30/10/2014
EGWU	OBST	FENCE	513258.05N	0002552.08W	82.38	270.29 N	508878.69	184521.09	37.61	123.39	1404	30/10/2014
EGWU	OBST	TREE	513256.72N	0002552.03W	83.67	274.51 N	508878.91	184514.54	53.57	175.76	1405	30/10/2014
EGWU	OBST	TREE	513315.92N	0002551.35W	99.64	326.91 N	508882.33	185335.18	50.42	165.41	1406	30/10/2014
EGWU	OBST	TREE	513323.05N	0002550.93W	96.49	316.57 N	508882.48	185773.45	50.21	164.73	1407	30/10/2014
EGWU	OBST	TREE	513337.24N	0002550.43W	96.29	315.92 N	508885.50	185797.82	48.55	159.29	1408	30/10/2014
EGWU	OBST	TREE	513338.02N	0002550.25W	94.63	310.48 N	508887.37	184509.33	39.77	130.47	1409	30/10/2014
EGWU	OBST	BUSH	513256.33N	0002551.59W	85.83	281.58 N	508888.51	184284.49	50.39	165.31	1410	30/10/2014
EGWU	OBST	TREE	513249.05N	0002551.78W	96.44	316.42 N	508889.88	184507.06	53.83	176.60	1411	30/10/2014
EGWU	OBST	TREE	513314.70N	0002550.83W	99.90	327.75 N	508901.56	185413.04	53.22	174.62	1412	30/10/2014
EGWU	OBST	TREE	513325.56N	0002549.85W	99.30	325.79 N	508905.90	185076.48	56.87	186.57	1413	30/10/2014
EGWU	OBST	TREE	513314.67N	0002549.99W	102.94	337.71 N	508906.32	185355.76	52.32	171.64	1414	30/10/2014
EGWU	OBST	FENCE	513323.70N	0002549.66W	98.39	322.80 N	508906.83	184559.15	36.43	119.53	1415	30/10/2014
EGWU	OBST	TREE	513257.93N	0002550.52W	82.49	270.65 N	508913.96	184758.46	39.85	130.75	1416	30/10/2014
EGWU	OBST	BUSH	513256.25N	0002550.32W	85.91	281.86 N	508914.29	184594.48	36.12	118.51	1417	30/10/2014
EGWU	OBST	NOTICE_BOARD	513304.37N	0002549.93W	82.19	269.64 N	508917.91	185083.24	34.50	113.20	1418	30/10/2014
EGWU	OBST	NOTICE_BOARD	513259.07N	0002550.10W	80.57	264.32 N	508919.34	184241.79	53.16	174.40	1420	30/10/2014
EGWU	OBST	TREE	513314.88N	0002549.36W	103.04	338.05 N	508922.76	185362.33	52.12	170.98	1421	30/10/2014
EGWU	OBST	TREE	513247.65N	0002550.23W	99.21	325.50 N	508931.68	184306.15	40.49	132.94	1422	30/10/2014
EGWU	OBST	TREE	513323.90N	0002548.80W	98.19	322.14 N	508938.33	184727.30	35.81	117.48	1423	30/10/2014
EGWU	OBST	TREE	513256.19N	0002549.29W	86.55	283.95 N	508944.21	184225.96	54.47	178.70	1424	30/10/2014
EGWU	OBST	NOTICE_BOARD	513303.35N	0002548.70W	81.87	268.61 N	508945.04	185408.07	53.19	174.50	1425	30/10/2014
EGWU	OBST	TREE	513247.12N	0002548.96W	100.52	329.80 N	508949.14	185702.44	49.43	162.16	1426	30/10/2014
EGWU	OBST	TREE	513325.37N	0002547.59W	99.26	325.66 N	508951.58	184219.56	57.68	189.25	1427	30/10/2014
EGWU	OBST	TREE	513334.89N	0002547.05W	95.50	313.33 N	508954.07	184437.00	54.90	180.11	1428	30/10/2014
EGWU	OBST	TREES	513325.74N	0002547.26W	103.76	340.41 N	508954.61	184426.63	50.79	166.64	1430	30/10/2014
EGWU	OBST	TREE	513247.13N	0002548.57W	100.95	331.21 N	508958.74	184504.79	43.94	144.16	1431	30/10/2014
EGWU	OBST	TREE	513253.94N	0002548.21W	95.82	314.35 N						
EGWU	OBST	TREE	513253.61N	0002548.19W	96.85	317.75 N						
EGWU	OBST	TREE	513256.13N	0002547.89W	90.00	295.27 N						

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IDENTIFICATION	WGS84		ELLIPSOIDAL			OSGB36			ORTHOMETRIC		RECORD ID	SURVEY DATE
	LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES	FEET			
EGWU OBST	513253.43N	0002547.94W	97.33	319.33 N		508959.60	184421.34	51.27	168.22		1432	30/10/2014
EGWU OBST	513252.87N	0002547.76W	96.53	316.70 N		508963.39	184404.22	50.47	165.59		1433	30/10/2014
EGWU OBST	513414.48N	0002544.94W	122.85	403.06 N		508963.85	186926.37	76.76	251.82		1434	30/10/2014
EGWU OBST	513245.42N	0002547.99W	103.03	338.03 N		508964.09	184173.85	56.98	186.94		1435	30/10/2014
EGWU OBST	513253.78N	0002547.69W	96.04	315.10 N		508966.38	184432.31	49.98	163.99		1436	30/10/2014
EGWU OBST	513326.34N	0002546.45W	104.17	341.77 N		508967.48	184398.95	50.80	166.65		1437	30/10/2014
EGWU OBST	513252.70N	0002547.55W	96.85	317.76 N		508969.13	184865.21	42.43	139.22		1438	30/10/2014
EGWU OBST	513307.79N	0002546.95W	88.50	290.35 N		508970.69	186977.03	49.56	162.59		1439	30/10/2014
EGWU OBST	513251.84N	0002547.47W	95.61	313.69 N		508980.87	184967.09	44.57	146.21		1440	30/10/2014
EGWU OBST	513416.12N	0002544.51W	125.83	412.83 N		508980.97	184147.72	58.11	190.65		1441	30/10/2014
EGWU OBST	513311.08N	0002546.23W	90.63	297.35 N		508981.17	184258.65	56.10	184.05		1442	30/10/2014
EGWU OBST	513244.56N	0002547.14W	104.16	341.74 N		508983.52	185445.92	56.98	186.95		1443	30/10/2014
EGWU OBST	513248.15N	0002547.00W	102.15	335.15 N		508987.07	184875.32	39.98	131.16		1444	30/10/2014
EGWU OBST	513326.57N	0002545.55W	103.06	338.11 N		508987.70	184263.78	55.77	182.97		1445	30/10/2014
EGWU OBST	513308.10N	0002546.01W	86.04	282.29 N		508988.00	184488.79	43.93	144.13		1446	30/10/2014
EGWU OBST	513248.31N	0002546.66W	101.82	334.06 N		508988.53	185169.71	48.76	159.99		1447	30/10/2014
EGWU OBST	513255.69N	0002546.39W	89.99	295.24 N		508989.03	184892.71	48.76	159.99		1448	30/10/2014
EGWU OBST	513246.03N	0002546.69W	102.52	336.36 N		508989.17	184715.65	35.89	117.76		1449	30/10/2014
EGWU OBST	513334.55N	0002544.99W	94.84	311.16 N		508991.40	184715.65	56.99	186.98		1450	30/10/2014
EGWU OBST	513302.93N	0002545.96W	81.96	268.88 N		508998.18	184207.51	45.56	149.47		1451	30/10/2014
EGWU OBST	513246.49N	0002546.18W	103.05	338.09 N		508998.44	184498.78	50.64	166.16		1452	30/10/2014
EGWU OBST	513255.54N	0002545.84W	91.62	300.57 N		509002.71	184209.70	48.57	159.34		1453	30/10/2014
EGWU OBST	513249.47N	0002545.84W	96.70	317.26 N		509012.25	184887.52	46.30	153.54		1454	30/10/2014
EGWU OBST	513253.30N	0002545.37W	94.62	310.44 N		509017.53	184887.52	40.10	131.57		1455	30/10/2014
EGWU OBST	513254.54N	0002545.17W	92.86	304.65 N		509019.60	184876.01	34.61	113.54		1456	30/10/2014
EGWU OBST	513308.48N	0002544.41W	86.17	282.70 N		509022.83	184876.01	34.87	114.40		1457	30/10/2014
EGWU OBST	513258.39N	0002544.65W	80.67	264.65 N		509022.83	184876.01	34.87	114.40		1458	30/10/2014
EGWU OBST	513250.68N	0002544.44W	80.93	265.51 N		509030.11	184876.01	34.87	114.40		1459	30/10/2014
EGWU OBST	513300.78N	0002544.12W	81.35	266.89 N		509030.11	184876.01	34.87	114.40		1460	30/10/2014
EGWU OBST	513254.73N	0002544.23W	93.46	306.01 N		509030.11	184876.01	34.87	114.40		1461	30/10/2014
EGWU OBST	513245.08N	0002544.42W	102.95	337.75 N		509030.11	184876.01	34.87	114.40		1462	30/10/2014
EGWU OBST	513253.40N	0002543.98W	95.90	313.64 N		509030.11	184876.01	34.87	114.40		1463	30/10/2014
EGWU OBST	513245.37N	0002544.23W	102.90	337.60 N		509030.11	184876.01	34.87	114.40		1464	30/10/2014
EGWU OBST	513306.26N	0002543.47W	82.88	271.91 N		509030.11	184876.01	34.87	114.40		1465	30/10/2014
EGWU OBST	513311.22N	0002543.21W	100.14	328.56 Y		509030.11	184876.01	34.87	114.40		1466	30/10/2014
EGWU OBST	513308.75N	0002543.27W	86.43	283.55 N		509030.11	184876.01	34.87	114.40		1467	30/10/2014
EGWU OBST	513300.00N	0002543.07W	87.05	285.60 N		509030.11	184876.01	34.87	114.40		1468	30/10/2014
EGWU OBST	513332.31N	0002542.16W	92.95	304.96 N		509030.11	184876.01	34.87	114.40		1469	30/10/2014
EGWU OBST	513315.74N	0002542.62W	93.49	306.71 N		509030.11	184876.01	34.87	114.40		1470	30/10/2014
EGWU OBST	513253.57N	0002543.37W	95.91	314.66 N		509030.11	184876.01	34.87	114.40		1471	30/10/2014
EGWU OBST	513315.28N	0002542.47W	93.62	307.14 N		509030.11	184876.01	34.87	114.40		1472	30/10/2014
EGWU OBST	513308.29N	0002542.70W	89.07	292.24 N		509030.11	184876.01	34.87	114.40		1473	30/10/2014



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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL			OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES	FEET		
EGWU	OBST	ABACUS_MAST	513310.88N	0002542.59W	100.11	328.43	Y	509051.08	184962.58	54.04	177.30	1478	30/10/2014
EGWU	OBST	ABACUS_MAST	513311.36N	0002542.45W	100.12	328.48	Y	509053.39	184977.38	54.06	177.35	1479	30/10/2014
EGWU	OBST	TREE	513315.19N	0002542.27W	93.40	306.42	N	509054.35	185095.93	47.33	155.28	1480	30/10/2014
EGWU	OBST	EJB	513257.64N	0002542.84W	80.60	264.43	N	509055.06	184553.58	34.54	113.32	1481	30/10/2014
EGWU	OBST	TREE	513314.08N	0002542.23W	95.14	312.15	N	509055.88	185061.43	49.08	161.01	1482	30/10/2014
EGWU	OBST	TREE	513315.11N	0002542.12W	92.55	303.63	N	509057.34	185093.46	46.48	152.49	1483	30/10/2014
EGWU	OBST	TREE	513246.33N	0002543.08W	98.67	323.71	N	509057.84	184204.10	52.61	172.62	1484	30/10/2014
EGWU	OBST	TREE	513254.54N	0002542.87W	104.88	344.08	N	509063.06	184148.87	58.83	193.00	1485	30/10/2014
EGWU	OBST	TREE	513314.41N	0002541.66W	95.72	314.05	N	509066.56	185071.99	49.66	162.92	1486	30/10/2014
EGWU	OBST	TREE	513254.15N	0002542.26W	94.10	308.72	N	509068.43	184446.04	48.04	157.62	1487	30/10/2014
EGWU	OBST	NOTICE_BOARD	513306.10N	0002541.80W	82.70	271.31	N	509069.44	184815.31	36.63	120.19	1488	30/10/2014
EGWU	OBST	TREE	513244.58N	0002542.47W	105.21	345.19	N	509070.76	184150.62	59.16	194.10	1489	30/10/2014
EGWU	OBST	NOTICE_BOARD	513254.05N	0002541.90W	94.91	311.39	N	509075.48	184442.97	48.86	160.29	1490	30/10/2014
EGWU	OBST	NOTICE_BOARD	513259.61N	0002540.77W	80.83	265.19	N	509093.52	184615.24	34.77	114.08	1491	30/10/2014
EGWU	OBST	TREE	513254.21N	0002540.81W	92.22	302.57	N	509096.34	184448.19	46.17	151.47	1492	30/10/2014
EGWU	OBST	RVR_TOWER	513306.15N	0002539.85W	87.94	288.52	Y	509106.95	184817.66	41.88	137.40	1493	30/10/2014
EGWU	OBST	NOTICE_BOARD	513308.35N	0002539.71W	83.19	272.72	N	509108.20	184885.67	37.06	121.60	1494	30/10/2014
EGWU	OBST	TREE	513255.57N	0002539.98W	89.22	292.71	N	509111.37	184490.74	43.16	141.61	1495	30/10/2014
EGWU	OBST	NOTICE_BOARD	513300.50N	0002539.23W	80.86	265.28	N	509122.70	184643.17	34.80	114.17	1496	30/10/2014
EGWU	OBST	TREE	513254.56N	0002539.10W	94.11	308.74	N	509129.07	184459.81	48.05	157.64	1497	30/10/2014
EGWU	OBST	TREE	513333.02N	0002537.32W	95.77	314.19	N	509137.87	185648.54	49.69	163.03	1498	30/10/2014
EGWU	OBST	TREE	513254.74N	0002538.50W	94.23	309.15	N	509140.50	184465.71	48.18	158.05	1499	30/10/2014
EGWU	OBST	TREE	513253.41N	0002538.10W	94.11	308.75	N	509149.17	184424.62	48.05	157.65	1500	30/10/2014
EGWU	OBST	TREE	513328.70N	0002536.69W	96.65	317.08	N	509152.81	185515.50	50.57	165.92	1501	30/10/2014
EGWU	OBST	TREE	513253.54N	0002537.64W	94.39	309.67	N	509157.82	184429.10	48.33	158.57	1502	30/10/2014
EGWU	OBST	TREE	513304.55N	0002537.21W	81.01	265.79	N	509158.93	184769.12	34.95	114.68	1503	30/10/2014
EGWU	OBST	NOTICE_BOARD	513302.40N	0002537.07W	81.06	265.93	N	509162.93	184703.01	35.00	114.82	1504	30/10/2014
EGWU	OBST	TREE	513242.82N	0002537.41W	103.57	339.80	N	509169.37	184097.87	57.52	188.72	1505	30/10/2014
EGWU	OBST	TREE	513328.74N	0002535.55W	100.65	330.20	N	509174.62	185517.26	54.57	179.05	1506	30/10/2014
EGWU	OBST	TREE	513328.91N	0002535.19W	102.61	336.65	N	509181.60	185522.61	56.54	185.50	1507	30/10/2014
EGWU	OBST	TREE	513329.01N	0002534.84W	98.82	324.22	N	509188.24	185525.83	52.75	173.06	1508	30/10/2014
EGWU	OBST	TREE	513329.20N	0002534.49W	96.02	315.62	N	509194.89	185534.93	49.95	163.87	1509	30/10/2014
EGWU	OBST	TREE	513401.26N	0002533.31W	116.76	383.06	N	509196.16	185522.72	70.67	231.86	1510	30/10/2014
EGWU	OBST	TREE	513329.48N	0002534.21W	101.10	331.68	N	509200.11	185540.67	55.03	180.53	1511	30/10/2014
EGWU	OBST	TREE	513253.00N	0002535.41W	93.89	308.05	N	509201.24	184413.17	47.84	156.96	1512	30/10/2014
EGWU	OBST	TREE	513340.57N	0002533.56W	105.09	344.78	N	509205.19	185693.66	59.01	193.61	1513	30/10/2014
EGWU	OBST	TREE	513329.63N	0002533.87W	100.14	328.54	N	509206.41	185645.48	54.07	177.39	1514	30/10/2014
EGWU	OBST	TREE	513253.11N	0002535.07W	94.43	309.81	N	509207.74	184416.69	48.38	158.71	1515	30/10/2014
EGWU	OBST	EMI	513301.56N	0002534.49W	83.22	273.03	Y	509213.15	184678.04	37.16	121.93	1516	30/10/2014
EGWU	OBST	TREE	513329.59N	0002533.46W	99.20	325.47	N	509214.36	185544.33	53.13	174.32	1517	30/10/2014
EGWU	OBST	TREE	513333.15N	0002532.75W	96.92	317.97	N	509225.62	185654.51	50.84	166.81	1518	30/10/2014
EGWU	OBST	ING_MKR	513306.05N	0002533.23W	81.98	266.96	N	509234.47	184817.08	35.92	117.84	1519	30/10/2014
EGWU	OBST	TREE	513243.23N	0002533.67W	103.98	341.15	N	509241.21	184112.05	57.94	190.08	1520	30/10/2014

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IDENTIFICATION	WGS84		ELLIPSOIDAL		OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
	LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES		
EGWU	513243.19N	0002533.44W	102.09	334.93 N	509245.74	184110.97	56.04	183.86	1521	30/10/2014
EGWU	513339.43N	0002531.30W	105.73	346.90 N	509240.43	185819.27	59.66	195.73	1522	30/10/2014
EGWU	513303.62N	0002531.73W	81.41	267.09 N	509265.10	184739.79	35.35	115.98	1523	30/10/2014
EGWU	513329.94N	0002530.71W	101.18	331.96 N	509267.04	185556.35	55.11	180.81	1524	30/10/2014
EGWU	513329.90N	0002530.35W	100.74	330.52 N	509274.07	185555.17	54.67	179.37	1525	30/10/2014
EGWU	513329.47N	0002529.02W	100.17	328.63 N	509300.02	185542.52	54.10	177.48	1526	30/10/2014
EGWU	513304.44N	0002528.30W	81.21	266.43 N	509330.49	184789.62	35.15	115.33	1527	30/10/2014
EGWU	513248.30N	0002528.29W	101.29	332.31 N	509341.50	184271.04	55.24	181.23	1528	30/10/2014
EGWU	513248.40N	0002527.72W	98.05	321.68 N	509352.37	184274.21	52.00	170.60	1529	30/10/2014
EGWU	513307.63N	0002523.74W	81.31	266.75 N	509416.19	184870.04	35.25	115.65	1530	30/10/2014
EGWU	513303.81N	0002523.74W	80.80	265.08 N	509418.83	184752.13	34.74	113.98	1531	30/10/2014
EGWU	513239.94N	0002524.47W	99.64	326.91 N	509421.04	183995.90	53.60	175.85	1532	30/10/2014
EGWU	513305.65N	0002523.15W	81.26	266.61 N	509428.85	184808.95	35.21	115.51	1533	30/10/2014
EGWU	513239.29N	0002520.47W	97.64	320.34 N	509498.06	183995.77	51.60	169.29	1534	30/10/2014
EGWU	513230.79N	0002520.31W	98.33	322.62 N	509506.84	183733.48	52.30	171.58	1535	30/10/2014
EGWU	513309.40N	0002518.59W	82.37	270.24 N	509514.26	184926.86	36.31	119.13	1536	30/10/2014
EGWU	513239.43N	0002519.60W	98.02	321.60 N	509514.78	184000.59	51.98	170.55	1537	30/10/2014
EGWU	513256.16N	0002518.21W	91.08	298.82 N	509530.80	184517.84	45.03	147.74	1538	30/10/2014
EGWU	513239.37N	0002518.56W	97.14	318.68 N	509534.85	184989.30	51.10	167.63	1539	30/10/2014
EGWU	513306.86N	0002517.14W	81.34	266.85 N	509543.86	184848.89	35.28	115.75	1540	30/10/2014
EGWU	513302.68N	0002516.96W	86.47	283.69 Y	509550.02	184720.03	40.42	132.60	1541	30/10/2014
EGWU	513239.42N	0002516.92W	95.33	312.75 N	509566.38	184001.52	49.28	161.70	1542	30/10/2014
EGWU	513255.63N	0002516.11W	90.87	298.14 N	509571.18	184502.48	44.82	147.06	1543	30/10/2014
EGWU	513256.73N	0002516.36W	93.19	305.73 N	509576.97	184012.90	47.14	154.68	1544	30/10/2014
EGWU	513303.30N	0002514.85W	88.96	291.85 N	509583.08	184638.56	42.91	140.78	1545	30/10/2014
EGWU	513303.71N	0002513.45W	84.94	278.68 Y	509590.29	181794.83	38.89	127.59	1546	30/10/2014
EGWU	513303.71N	0002513.45W	82.89	271.95 N	509617.07	184753.21	36.84	120.86	1547	30/10/2014
EGWU	513303.71N	0002513.44W	83.84	275.06 N	509617.11	184753.22	37.79	123.97	1548	30/10/2014
EGWU	513252.07N	0002513.77W	97.36	319.41 N	509618.52	184549.50	51.31	168.34	1549	30/10/2014
EGWU	513122.40N	0002514.19W	129.45	424.71 N	509670.33	181691.27	83.45	273.80	1550	30/10/2014
EGWU	513312.77N	0002510.19W	82.92	272.04 N	509673.26	184761.02	36.86	120.94	1551	30/10/2014
EGWU	513258.76N	0002510.15W	103.94	341.00 Y	509683.85	181641.48	67.89	189.93	1552	30/10/2014
EGWU	513314.40N	0002509.36W	82.59	270.95 N	509684.03	184761.03	36.63	119.86	1553	30/10/2014
EGWU	513310.98N	0002509.14W	81.94	268.83 N	509684.21	184761.04	36.88	117.73	1554	30/10/2014
EGWU	513311.01N	0002508.97W	81.90	268.71 N	509684.25	184761.05	36.85	117.62	1555	30/10/2014
EGWU	513029.37N	0002514.53W	112.31	368.48 N	509684.29	184761.06	56.11	177.69	1556	30/10/2014
EGWU	513314.74N	0002508.43W	82.73	271.43 N	509684.37	184761.07	36.87	117.83	1557	30/10/2014
EGWU	513309.54N	0002506.08W	81.64	267.85 N	509684.41	184761.08	36.89	118.07	1558	30/10/2014
EGWU	513308.40N	0002505.25W	81.00	265.75 N	509684.45	184761.09	34.96	114.67	1559	30/10/2014
EGWU	5133308.05N	0002505.19W	81.13	266.17 N	509684.49	184761.10	35.08	115.09	1560	30/10/2014
EGWU	513303.71N	0002505.05W	81.03	265.84 N	509684.53	184761.11	34.93	114.79	1561	30/10/2014
EGWU	513308.92N	0002504.65W	80.97	265.66 N	509684.57	184761.12	34.87	114.67	1562	30/10/2014
EGWU	513308.41N	0002504.24W	84.93	278.65 N	509684.61	184761.13	34.81	114.57	1563	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84 LATITUDE	WGS84 LONGITUDE	ELLIPSOIDAL METRES	FEET	LIT	EASTING	OSGB36 NORTHING	ORTHOMETRIC METRES	FEET	RECORD ID	SURVEY DATE
EGWU	OBST	EJB	513308.14N	0002504.23W	81.08	266.01	N	509791.57	184893.82	35.03	114.92	1564	30/10/2014
EGWU	OBST	ANTENNA	513308.28N	0002504.20W	90.94	298.37	Y	509791.98	184898.30	44.89	147.29	1565	30/10/2014
EGWU	OBST	FENCE	513308.99N	0002504.14W	81.00	265.75	N	509902.83	184920.01	34.95	114.67	1566	30/10/2014
EGWU	OBST	EJB	513308.28N	0002503.35W	81.28	266.67	N	509808.43	184898.65	35.23	115.59	1567	30/10/2014
EGWU	OBST	DTG MKR	513312.95N	0002503.18W	82.03	269.12	N	509808.49	185042.99	35.98	118.03	1568	30/10/2014
EGWU	OBST	DTG MKR	513310.29N	0002502.25W	81.52	267.46	N	509828.32	184961.13	35.47	116.37	1569	30/10/2014
EGWU	OBST	FLOODLIGHT	513256.17N	0002501.35W	104.54	342.99	Y	509853.70	184586.93	58.50	191.93	1570	30/10/2014
EGWU	OBST	NOTICE BOARD	513313.61N	0002459.56W	81.08	266.00	N	509877.95	185064.84	35.03	114.91	1571	30/10/2014
EGWU	OBST	BUILDING	513322.32N	0002458.86W	103.96	341.07	Y	509885.47	185334.16	57.90	189.97	1572	30/10/2014
EGWU	OBST	TREE	513322.36N	0002457.76W	104.40	342.52	N	509906.57	185335.85	58.35	191.42	1573	30/10/2014
EGWU	OBST	ANEMOMETER	513306.54N	0002457.99W	90.59	297.20	N	509912.85	184846.98	44.54	146.13	1574	30/10/2014
EGWU	OBST	LAMPPOST	513320.97N	0002457.37W	93.47	306.67	N	509915.16	185292.89	47.42	155.57	1575	30/10/2014
EGWU	OBST	NOTICE BOARD	513308.41N	0002457.24W	80.51	264.15	N	509925.98	184905.23	34.46	113.07	1576	30/10/2014
EGWU	OBST	LAMPPOST	513321.24N	0002456.24W	93.71	307.44	N	509936.75	185010.37	47.66	156.35	1577	30/10/2014
EGWU	OBST	NOTICE_BOARD	513311.80N	0002456.24W	80.91	265.45	N	509943.09	185010.37	34.86	114.37	1578	30/10/2014
EGWU	OBST	TREE	513256.42N	0002456.63W	93.24	305.89	N	509945.81	184535.12	47.19	154.84	1580	30/10/2014
EGWU	OBST	TREE	513256.46N	0002456.17W	94.18	308.99	N	509954.65	184536.52	48.14	157.94	1581	30/10/2014
EGWU	OBST	NOTICE BOARD	513310.38N	0002455.65W	80.65	264.61	N	509955.36	184966.71	34.60	113.53	1582	30/10/2014
EGWU	OBST	LAMPPOST	513321.52N	0002455.09W	93.96	308.26	N	509958.60	185311.13	47.90	157.17	1583	30/10/2014
EGWU	OBST	ANTENNA	513323.29N	0002454.78W	106.04	347.91	N	509963.38	185365.74	59.99	196.81	1584	30/10/2014
EGWU	OBST	ABN	513323.35N	0002454.57W	105.15	344.99	N	509967.40	185367.86	59.10	193.89	1585	30/10/2014
EGWU	OBST	BUILDING	513323.33N	0002454.49W	104.66	343.37	N	509968.92	185367.28	58.61	192.28	1586	30/10/2014
EGWU	OBST	MAST	513328.45N	0002454.30W	111.05	364.35	Y	509969.17	185525.32	65.00	213.24	1587	30/10/2014
EGWU	OBST	LAMPPOST	513321.80N	0002453.96W	93.98	308.35	N	509980.30	185320.11	47.93	157.25	1588	30/10/2014
EGWU	OBST	TREE	513324.74N	0002452.87W	94.23	309.16	N	510019.42	184484.65	48.19	158.12	1589	30/10/2014
EGWU	OBST	FLOODLIGHT	513326.89N	0002451.61W	102.35	335.79	N	510022.11	185178.41	56.29	184.69	1590	30/10/2014
EGWU	OBST	BUILDING	513257.78N	0002452.14W	104.55	343.01	Y	510031.44	184578.90	58.51	191.96	1591	30/10/2014
EGWU	OBST	BUILDING	513324.89N	0002450.16W	101.99	334.61	Y	510051.37	185417.27	55.94	183.52	1592	30/10/2014
EGWU	OBST	NOTICE_BOARD	513313.20N	0002450.05W	81.25	266.57	N	510061.34	185036.20	35.20	115.50	1593	30/10/2014
EGWU	OBST	NOTICE_BOARD	513326.81N	0002449.32W	97.67	320.43	N	510066.17	185176.80	51.61	169.33	1594	30/10/2014
EGWU	OBST	NOTICE_BOARD	513309.82N	0002449.87W	80.90	265.40	N	510066.93	184961.62	34.85	114.33	1595	30/10/2014
EGWU	OBST	NOTICE_BOARD	513316.07N	0002449.39W	82.41	270.36	N	510072.12	185144.94	36.36	119.28	1596	30/10/2014
EGWU	OBST	NOTICE_BOARD	513315.96N	0002449.36W	82.03	269.12	N	510072.73	185144.96	35.98	118.04	1597	30/10/2014
EGWU	OBST	NOTICE_BOARD	513312.09N	0002449.04W	81.09	266.04	N	510081.47	185022.16	35.04	114.97	1598	30/10/2014
EGWU	OBST	NOTICE_BOARD	513327.01N	0002448.12W	96.32	316.00	N	510089.18	185453.49	50.26	164.90	1599	30/10/2014
EGWU	OBST	TREE	513319.01N	0002448.07W	83.45	273.80	N	510095.49	185230.27	37.40	122.72	1600	30/10/2014
EGWU	OBST	TREE	513327.64N	0002447.63W	103.17	338.48	N	510098.18	185603.12	57.11	187.38	1601	30/10/2014
EGWU	OBST	DTG MKR	513313.55N	0002447.93W	82.02	269.08	N	510101.79	185067.70	35.97	118.01	1602	30/10/2014
EGWU	OBST	TREE	513327.71N	0002445.36W	103.59	339.88	N	510141.84	185506.36	57.54	188.78	1603	30/10/2014
EGWU	OBST	DTG MKR	513319.35N	0002444.89W	84.54	277.35	N	510150.24	185499.11	59.46	195.09	1604	30/10/2014
EGWU	OBST	DTG MKR	513310.02N	0002444.64W	92.89	304.77	N	510167.53	184960.04	38.49	126.27	1605	30/10/2014
EGWU	OBST	DTG MKR	513328.21N	0002443.35W	103.75	340.38	N	510180.20	185522.66	46.85	153.70	1606	30/10/2014

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IDENTIFICATION	WGS84 LATITUDE	WGS84 LONGITUDE	ELLIPSOIDAL METRES	FEET	LIT	EASTING	OSGB36 NORTHING	ORTHOMETRIC METRES	FEET	RECORD ID	SURVEY DATE
NOTICE BOARD	513328.32N	0002443.10W	104.13	341.65	N	510184.89	185525.89	58.08	190.55	1608	30/10/2014
NOTICE BOARD	513319.07N	0002443.02W	84.59	277.52	N	510192.72	185240.37	38.54	126.45	1609	30/10/2014
NOTICE BOARD	513313.23N	0002442.33W	84.25	276.41	Y	510200.92	185000.22	38.20	125.34	1610	30/10/2014
BUILDING	513325.68N	0002441.27W	99.48	326.37	N	510221.95	185445.30	53.43	175.29	1611	30/10/2014
NOTICE BOARD	513315.33N	0002440.74W	82.78	271.48	N	510239.14	185125.70	36.70	120.41	1612	30/10/2014
LAMPPOST	513325.24N	0002440.27W	96.22	315.69	N	510241.58	185431.96	50.17	164.61	1613	30/10/2014
BUILDING	513257.45N	0002441.16W	104.38	342.45	Y	510243.06	184573.29	58.34	191.41	1614	30/10/2014
FLOODLIGHT	513325.56N	0002439.87W	99.74	327.24	N	510249.10	185442.23	53.69	176.15	1615	30/10/2014
TREE	513319.90N	0002439.94W	89.06	292.19	Y	510251.51	185267.20	43.01	141.11	1616	30/10/2014
RVR TOWER	513318.08N	0002439.98W	83.72	274.67	N	510251.90	185211.09	37.67	123.60	1617	30/10/2014
NOTICE BOARD	513325.62N	0002439.68W	100.01	328.12	N	510252.59	185444.17	53.96	177.03	1618	30/10/2014
TREE	513325.72N	0002439.60W	101.41	332.72	N	510254.06	185447.08	55.36	181.64	1619	30/10/2014
TREE	513324.38N	0002439.61W	95.73	314.06	N	510254.77	185405.77	49.68	162.98	1620	30/10/2014
LAMPPOST	513325.39N	0002439.34W	100.66	330.24	N	510259.30	185437.04	54.60	179.15	1621	30/10/2014
TREE	513312.76N	0002439.65W	83.54	274.07	N	510261.82	185046.87	37.49	123.01	1622	30/10/2014
BUILDING	513312.83N	0002439.57W	88.81	291.37	Y	510263.35	185048.92	42.77	140.31	1623	30/10/2014
DME	513325.90N	0002439.11W	98.06	321.72	N	510263.45	185452.90	52.01	170.63	1624	30/10/2014
BUILDING	513312.81N	0002439.33W	96.44	316.40	Y	510267.94	185048.53	50.39	165.33	1625	30/10/2014
GP	513325.39N	0002438.86W	100.02	328.14	N	510268.62	185437.20	53.97	177.05	1626	30/10/2014
TREE	513325.46N	0002438.65W	98.91	324.51	N	510272.54	185439.44	52.86	173.43	1627	30/10/2014
BUILDING	513107.80N	0002443.11W	132.23	433.84	N	510279.00	181185.39	86.25	282.99	1628	30/10/2014
BUILDING	513322.43N	0002438.32W	88.61	290.72	N	510280.32	185376.94	42.56	139.64	1629	30/10/2014
FENCE	513314.33N	0002438.52W	82.88	271.92	N	510282.61	185095.78	36.84	120.85	1630	30/10/2014
GP MON	513323.86N	0002438.14W	95.78	314.24	N	510283.38	185390.31	49.73	163.16	1631	30/10/2014
LAMPPOST	513325.83N	0002437.70W	98.19	322.15	N	510290.66	185451.21	52.14	171.07	1632	30/10/2014
BUILDING	513324.25N	0002437.39W	96.90	317.93	N	510297.57	185492.61	50.86	166.85	1633	30/10/2014
GRAPH POLE	513325.08N	0002437.35W	95.47	313.21	N	510297.92	185439.40	49.42	162.13	1634	30/10/2014
GRAPH POLE	513325.90N	0002437.27W	101.83	334.08	N	510298.78	185453.58	55.78	183.00	1635	30/10/2014
GRAPH POLE	513323.60N	0002437.27W	90.57	297.14	N	510300.49	185492.79	44.52	146.06	1636	30/10/2014
GRAPH POLE	513323.00N	0002437.27W	88.39	290.01	N	510300.89	185461.48	42.34	138.93	1637	30/10/2014
GRAPH POLE	513323.48N	0002436.81W	90.58	297.18	N	510300.99	185459.69	41.93	138.10	1638	30/10/2014
GRAPH POLE	513327.33N	0002436.63W	102.98	337.87	N	510310.23	185496.11	56.93	186.78	1639	30/10/2014
GRAPH POLE	513322.79N	0002436.74W	88.47	290.26	N	510311.19	185495.91	42.42	141.18	1640	30/10/2014
GRAPH POLE	513327.67N	0002436.73W	88.31	289.74	N	510311.42	185495.91	42.25	140.66	1641	30/10/2014
GRAPH POLE	513327.67N	0002436.44W	103.59	330.86	N	510311.42	185495.91	42.42	141.18	1642	30/10/2014
GRAPH POLE	513329.61N	0002436.33W	88.82	291.40	N	510311.42	185495.91	42.42	141.18	1643	30/10/2014
GRAPH POLE	513329.61N	0002436.38W	85.53	280.61	N	510311.42	185495.91	42.42	141.18	1644	30/10/2014
GRAPH POLE	513325.90N	0002436.18W	98.48	323.09	N	510319.49	185454.74	52.41	172.01	1645	30/10/2014
GRAPH POLE	513327.20N	0002435.77W	104.56	343.05	N	510324.44	185454.74	52.41	172.01	1646	30/10/2014
GRAPH POLE	513325.32N	0002435.41W	98.40	322.83	N	510324.44	185454.74	52.41	172.01	1647	30/10/2014
GRAPH POLE	513323.69N	0002435.43W	96.02	315.01	N	510324.44	185454.74	52.41	172.01	1648	30/10/2014
GRAPH POLE	513321.68N	0002435.34W	86.39	283.42	N	510324.44	185454.74	52.41	172.01	1649	30/10/2014
GRAPH POLE	513320.35N	0002434.95W	97.43	319.65	N	510324.44	185454.74	52.41	172.01	1650	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL			OSGB36			ORTHOMETRIC			RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES	FEET	RECORD ID			
EGWU	OBST	FENCE	513322.08N	0002434.97W	88.49	290.31	N	510345.72	185336.67	42.44	139.24	1651	30/10/2014		
EGWU	OBST	LAMPPOST	513322.66N	0002434.73W	97.16	318.78	N	510348.63	185417.17	51.12	167.70	1652	30/10/2014		
EGWU	OBST	LAMPPOST	513322.98N	0002434.78W	95.43	313.07	N	510348.86	185364.57	49.38	162.00	1653	30/10/2014		
EGWU	OBST	NOTICE BOARD	513323.75N	0002434.66W	89.61	294.01	N	510350.59	185388.38	43.57	142.93	1654	30/10/2014		
EGWU	OBST	TREE	513323.62N	0002434.44W	96.52	316.65	N	510354.94	185384.59	50.47	165.57	1655	30/10/2014		
EGWU	OBST	TREE	513325.54N	0002434.28W	101.96	334.52	N	510356.70	185443.98	55.91	183.44	1656	30/10/2014		
EGWU	OBST	TREE	513323.36N	0002434.32W	96.19	315.57	N	510357.43	185376.44	50.14	164.49	1657	30/10/2014		
EGWU	OBST	NOTICE_BOARD	513322.78N	0002434.25W	88.69	290.97	N	510359.09	185358.50	42.64	139.90	1658	30/10/2014		
EGWU	OBST	ROAD_SIGN	513322.81N	0002434.18W	90.24	296.07	N	510360.46	185359.66	44.20	145.00	1659	30/10/2014		
EGWU	OBST	TREE	513325.90N	0002434.06W	102.85	337.43	N	510360.75	185455.16	56.80	186.35	1660	30/10/2014		
EGWU	OBST	ROAD_SIGN	513323.01N	0002434.04W	90.06	295.47	N	510363.04	185365.93	44.01	144.39	1661	30/10/2014		
EGWU	OBST	NOTICE_BOARD	513322.71N	0002434.03W	89.00	291.98	N	510363.40	185356.42	42.95	140.91	1662	30/10/2014		
EGWU	OBST	BUILDING	513326.38N	0002433.89W	100.24	328.86	N	510363.54	185469.86	54.19	177.78	1663	30/10/2014		
EGWU	OBST	LAMPPOST	513324.09N	0002433.88W	96.96	318.09	N	510365.27	185399.12	50.91	167.02	1664	30/10/2014		
EGWU	OBST	TREE	513325.81N	0002433.60W	101.40	332.68	N	510369.63	185452.61	55.35	181.60	1665	30/10/2014		
EGWU	OBST	LAMPPOST	513324.65N	0002433.50W	97.45	319.71	N	510372.31	185416.76	51.40	168.63	1666	30/10/2014		
EGWU	OBST	TREE	513326.23N	0002433.32W	103.40	339.23	N	510374.77	185465.43	57.35	188.15	1667	30/10/2014		
EGWU	OBST	LIGHTNING_COND	513325.10N	0002432.99W	100.56	329.91	N	510381.90	185430.77	54.51	178.83	1668	30/10/2014		
EGWU	OBST	FENCE	513322.16N	0002432.77W	88.65	290.85	N	510387.98	185340.04	42.60	139.78	1669	30/10/2014		
EGWU	OBST	AERIAL	513326.92N	0002432.56W	101.83	334.07	N	510388.92	185487.29	55.78	183.00	1670	30/10/2014		
EGWU	OBST	LIGHTNING_COND	513325.33N	0002432.56W	100.70	330.37	N	510389.88	185438.21	54.65	179.29	1671	30/10/2014		
EGWU	OBST	TREE	513326.00N	0002432.46W	105.73	346.88	N	510391.50	185458.83	59.68	195.80	1672	30/10/2014		
EGWU	OBST	NOTICE_BOARD	513322.62N	0002432.36W	89.03	292.08	N	510395.68	185354.56	42.98	141.01	1673	30/10/2014		
EGWU	OBST	LAMPPOST	513323.65N	0002432.30W	97.58	320.13	N	510396.00	185386.44	51.53	169.06	1674	30/10/2014		
EGWU	OBST	BUILDING	513326.36N	0002432.01W	100.35	329.23	N	510399.78	185470.02	54.30	178.15	1675	30/10/2014		
EGWU	OBST	TREE	513323.44N	0002432.00W	98.84	324.29	N	510402.04	185379.80	52.80	173.22	1676	30/10/2014		
EGWU	OBST	BUILDING	513326.44N	0002431.83W	100.96	329.26	N	510403.22	185472.64	54.31	178.18	1677	30/10/2014		
EGWU	OBST	COPYRE	513324.61N	0002431.69W	100.91	331.07	N	510407.17	185416.25	54.86	179.99	1678	30/10/2014		
EGWU	OBST	ROAD_SIGN	513322.20N	0002431.55W	90.04	295.41	N	510411.44	185341.83	44.00	144.34	1679	30/10/2014		
EGWU	OBST	BARRIER	513322.25N	0002431.54W	92.25	302.65	N	510411.60	185343.46	46.20	151.58	1680	30/10/2014		
EGWU	OBST	FENCE	513322.86N	0002431.48W	90.54	297.05	N	510412.44	185362.37	44.50	145.98	1681	30/10/2014		
EGWU	OBST	FENCE	513322.71N	0002431.47W	89.72	294.37	N	510412.69	185357.77	43.63	143.29	1682	30/10/2014		
EGWU	OBST	BARNIER	513322.51N	0002431.45W	92.17	302.39	N	510413.13	185351.35	46.12	151.32	1683	30/10/2014		
EGWU	OBST	ROAD_SIGN	513322.54N	0002431.44W	90.22	296.01	N	510413.43	185352.30	44.18	144.94	1684	30/10/2014		
EGWU	OBST	MARK	513323.09N	0002431.31W	97.92	321.24	N	510415.56	185369.49	51.87	170.17	1685	30/10/2014		
EGWU	OBST	LIGHTNING_COND	513323.66N	0002431.28W	100.56	329.91	N	510415.65	185387.06	54.51	178.84	1686	30/10/2014		
EGWU	OBST	AERIAL	513324.87N	0002431.11W	100.15	328.59	N	510418.14	185424.47	54.11	177.51	1687	30/10/2014		
EGWU	OBST	AERIAL	513323.80N	0002431.11W	100.50	329.72	N	510418.80	185391.29	54.45	178.65	1688	30/10/2014		
EGWU	OBST	AERIAL	513323.64N	0002430.84W	99.41	326.15	N	510424.10	185396.46	53.36	175.08	1689	30/10/2014		
EGWU	OBST	AERIAL	513324.01N	0002430.68W	100.55	329.90	N	510427.11	185398.24	54.51	178.83	1690	30/10/2014		
EGWU	OBST	LIGHTNING_COND	513323.97N	0002430.60W	100.61	330.09	N	510428.68	185396.99	54.56	179.02	1691	30/10/2014		
EGWU	OBST	MARK	513322.54N	0002430.64W	90.18	295.86	N	510428.73	185352.60	44.13	144.79	1692	30/10/2014		
EGWU	OBST	MARK	513322.98N	0002430.34W	99.37	326.00	N	510434.24	185366.35	53.32	174.93	1693	30/10/2014		

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IDENTIFICATION	WGS84 LATITUDE	WGS84 LONGITUDE	ELLIPSOIDAL METRES	ELLIPSOIDAL FEET	LIT	EASTING	OSGB36 NORTHING	ORTHOMETRIC METRES	ORTHOMETRIC FEET	RECORD ID	SURVEY DATE
EGWU	513322.45N	0002430.31W	93.84	307.86	N	510435.23	185500.09	47.79	156.79	1694	30/10/2014
EGWU	513324.14N	0002430.25W	98.75	323.99	N	510438.27	185402.30	52.70	172.91	1695	30/10/2014
EGWU	513323.27N	0002430.16W	99.86	327.63	N	510437.50	185375.37	53.82	176.56	1696	30/10/2014
EGWU	513322.72N	0002430.00W	98.29	322.48	N	510440.90	185358.43	52.25	171.41	1697	30/10/2014
EGWU	513323.66N	0002429.90W	102.48	336.22	N	510442.87	185387.61	56.43	185.15	1698	30/10/2014
EGWU	513322.24N	0002429.50W	89.47	293.54	N	510450.86	185343.94	43.42	142.47	1699	30/10/2014
EGWU	513322.26N	0002429.42W	91.07	298.80	N	510452.45	185344.68	45.03	147.73	1700	30/10/2014
EGWU	513322.58N	0002429.38W	93.76	307.61	N	510453.01	185354.43	47.71	156.54	1701	30/10/2014
EGWU	513324.67N	0002429.28W	97.66	320.41	N	510453.53	185419.03	51.61	169.34	1702	30/10/2014
EGWU	513323.69N	0002429.20W	91.58	300.45	N	510455.67	185388.69	45.53	149.38	1703	30/10/2014
EGWU	513323.39N	0002429.03W	97.61	320.23	N	510457.80	185441.42	51.56	169.16	1704	30/10/2014
EGWU	513323.42N	0002429.06W	101.24	332.15	N	510458.67	185380.63	55.19	181.08	1705	30/10/2014
EGWU	513225.45N	0002429.88W	90.28	296.21	N	510461.56	184516.14	44.25	145.18	1706	30/10/2014
EGWU	513323.57N	0002428.57W	98.78	324.08	N	510467.95	185385.25	52.73	173.01	1707	30/10/2014
EGWU	513325.94N	0002428.28W	107.20	351.69	N	510472.03	185458.69	61.15	200.62	1708	30/10/2014
EGWU	513322.34N	0002428.08W	89.34	293.11	N	510474.53	185347.52	43.30	142.05	1709	30/10/2014
EGWU	513323.91N	0002428.08W	103.86	340.76	N	510477.16	185396.23	57.82	189.69	1710	30/10/2014
EGWU	513326.86N	0002427.74W	104.86	344.02	N	510481.69	185487.48	58.81	192.94	1711	30/10/2014
EGWU	513324.57N	0002427.80W	107.64	353.14	N	510482.11	185416.63	61.59	202.07	1712	30/10/2014
EGWU	513325.09N	0002427.65W	100.06	328.29	N	510484.55	185332.85	54.02	177.22	1713	30/10/2014
EGWU	513326.05N	0002427.34W	107.66	353.20	N	510490.04	185462.46	61.61	202.13	1714	30/10/2014
EGWU	513323.15N	0002427.08W	99.23	325.54	N	510496.83	185373.06	53.18	174.48	1715	30/10/2014
EGWU	513322.92N	0002427.03W	97.49	319.84	N	510497.97	185366.08	51.44	168.77	1716	30/10/2014
EGWU	513323.15N	0002426.78W	101.15	331.86	N	510502.67	185373.26	55.11	180.79	1717	30/10/2014
EGWU	513323.84N	0002426.49W	99.23	325.55	N	510507.90	185394.74	53.18	174.48	1718	30/10/2014
EGWU	513322.51N	0002426.30W	101.90	334.32	N	510508.42	185392.44	55.86	183.25	1719	30/10/2014
EGWU	513323.97N	0002426.22W	99.02	324.87	N	510512.88	185398.85	52.98	173.80	1721	30/10/2014
EGWU	513326.38N	0002426.09W	109.94	360.70	N	510514.88	185439.16	63.89	209.62	1722	30/10/2014
EGWU	513324.01N	0002425.76W	97.64	320.33	N	510521.71	185360.15	51.59	169.27	1723	30/10/2014
EGWU	513326.27N	0002425.61W	110.04	361.03	N	510524.41	185436.15	64.80	209.96	1724	30/10/2014
EGWU	513315.23N	0002425.94W	84.54	277.38	N	510524.41	185436.15	58.66	198.32	1725	30/10/2014
EGWU	513324.43N	0002425.57W	99.35	325.96	N	510531.41	185436.15	53.81	174.66	1726	30/10/2014
EGWU	513324.49N	0002425.23W	99.68	327.04	N	510531.41	185436.15	53.64	175.97	1727	30/10/2014
EGWU	513327.36N	0002424.99W	106.18	348.37	N	510541.41	185436.15	60.13	197.29	1728	30/10/2014
EGWU	513325.40N	0002424.72W	108.97	357.50	N	510541.41	185436.15	60.92	200.43	1729	30/10/2014
EGWU	513325.32N	0002424.54W	109.36	358.78	N	510541.41	185436.15	61.51	200.71	1730	30/10/2014
EGWU	513323.42N	0002424.54W	94.82	311.07	N	510541.41	185436.15	46.77	169.01	1731	30/10/2014
EGWU	513325.11N	0002424.23W	108.19	354.96	N	510541.41	185436.15	62.15	203.90	1732	30/10/2014
EGWU	513323.92N	0002424.19W	93.07	305.33	N	510541.41	185436.15	47.82	154.27	1733	30/10/2014
EGWU	513322.31N	0002424.07W	90.00	295.27	N	510541.41	185436.15	43.95	144.21	1734	30/10/2014
EGWU	513318.57N	0002424.17W	87.61	287.43	N	510541.41	185436.15	41.97	138.36	1735	30/10/2014
EGWU	513320.46N	0002424.00W	87.76	287.93	N	510541.41	185436.15	41.72	138.87	1736	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL		OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE	
			LATITUDE	LONGITUDE	METRES	FEET	LT	EASTING	NORTHING	METRES			FEET
EGWU	OBST	TREE	513326.48N	0002423.75W	110.02	360.97	N	510568.82	185477.17	63.98	209.90	1737	30/10/2014
EGWU	OBST	FENCE	513315.64N	0002424.03W	84.25	276.41	N	510560.69	185422.46	38.21	125.36	1738	30/10/2014
EGWU	OBST	FENCE	513322.43N	0002423.78W	90.06	295.48	N	510560.92	185352.26	44.02	144.42	1739	30/10/2014
EGWU	OBST	TREE	513325.55N	0002423.63W	109.31	358.62	N	510561.80	185448.70	63.26	207.55	1740	30/10/2014
EGWU	OBST	TREE	513324.52N	0002423.65W	100.97	331.26	N	510562.06	185416.90	54.92	180.19	1741	30/10/2014
EGWU	OBST	CCTV	513322.62N	0002423.62W	92.79	304.43	N	510563.82	185358.12	46.74	153.36	1742	30/10/2014
EGWU	OBST	E/B	513322.60N	0002423.59W	90.01	295.31	N	510564.55	185357.50	43.97	144.25	1743	30/10/2014
EGWU	OBST	POST	513315.25N	0002423.83W	87.01	285.47	N	510564.92	185130.48	40.97	134.42	1744	30/10/2014
EGWU	OBST	FENCE	513322.56N	0002423.48W	90.21	295.97	N	510566.62	185356.39	44.17	144.91	1745	30/10/2014
EGWU	OBST	TRAFFIC LIGHT	513322.99N	0002423.42W	93.17	305.66	N	510567.52	185367.90	47.12	154.60	1746	30/10/2014
EGWU	OBST	FENCE	513315.77N	0002423.67W	84.43	276.99	N	510567.64	185146.46	38.39	125.94	1747	30/10/2014
EGWU	OBST	TREE	513326.11N	0002423.30W	107.30	352.02	N	510567.74	185465.99	61.25	200.95	1748	30/10/2014
EGWU	OBST	HEDGE	513322.71N	0002423.39W	93.55	306.92	N	510568.23	185360.98	47.51	155.86	1749	30/10/2014
EGWU	OBST	TREE	513326.73N	0002423.10W	106.19	348.38	N	510571.10	185485.39	60.14	197.31	1750	30/10/2014
EGWU	OBST	TREE	513324.36N	0002422.99W	102.12	335.05	N	510574.81	185412.04	56.08	183.99	1751	30/10/2014
EGWU	OBST	HEDGE	513323.34N	0002422.99W	92.89	304.77	N	510575.55	185380.53	46.85	153.70	1752	30/10/2014
EGWU	OBST	HEDGE	513322.37N	0002422.95W	92.34	302.94	N	510576.98	185350.82	46.29	151.88	1753	30/10/2014
EGWU	OBST	TREE	513326.54N	0002422.68W	111.34	365.29	N	510579.40	185479.66	65.30	214.22	1754	30/10/2014
EGWU	OBST	HEDGE	513322.41N	0002422.58W	92.29	302.80	N	510583.99	185352.08	46.25	151.74	1755	30/10/2014
EGWU	OBST	TREE	513326.06N	0002422.44W	108.61	356.35	N	510584.22	185464.93	62.57	205.28	1756	30/10/2014
EGWU	OBST	TREE	513324.03N	0002422.50W	101.34	332.49	N	510584.45	185402.30	55.30	181.43	1757	30/10/2014
EGWU	OBST	HEDGE	513322.98N	0002422.53W	93.10	305.46	N	510584.72	185369.61	47.06	154.40	1758	30/10/2014
EGWU	OBST	HEDGE	513322.00N	0002422.51W	91.99	301.80	N	510585.76	185339.43	45.95	150.74	1759	30/10/2014
EGWU	OBST	FENCE	513321.82N	0002422.41W	91.27	299.44	N	510587.67	185333.94	45.22	148.38	1760	30/10/2014
EGWU	OBST	TREE	513325.97N	0002422.23W	110.09	361.19	N	510588.36	185462.12	64.05	210.13	1761	30/10/2014
EGWU	OBST	FENCE	513321.84N	0002422.37W	91.29	299.50	N	510588.57	185334.61	45.25	148.44	1762	30/10/2014
EGWU	OBST	HEDGE	513322.71N	0002422.23W	92.71	304.18	N	510590.67	185361.50	46.67	153.12	1763	30/10/2014
EGWU	OBST	POST	513321.65N	0002422.21W	91.39	299.83	Y	510591.65	185328.72	45.35	148.77	1764	30/10/2014
EGWU	OBST	SIGN	513315.75N	0002422.41W	85.14	279.32	N	510591.85	185146.57	39.10	128.27	1765	30/10/2014
EGWU	OBST	FENCE	513316.26N	0002422.39W	85.02	278.93	N	510591.92	185162.27	38.98	127.88	1766	30/10/2014
EGWU	OBST	HEDGE	513321.65N	0002422.15W	92.12	302.22	N	510592.91	185328.84	46.08	151.16	1767	30/10/2014
EGWU	OBST	FLOODLIGHT	513320.88N	0002422.17W	89.08	292.27	N	510592.99	185304.91	43.04	141.21	1768	30/10/2014
EGWU	OBST	HEDGE	513321.91N	0002422.08W	91.58	300.44	N	510594.03	185336.73	45.53	149.38	1769	30/10/2014
EGWU	OBST	FENCE	513321.51N	0002422.05W	90.72	297.64	N	510594.81	185324.35	44.68	146.58	1770	30/10/2014
EGWU	OBST	FENCE	513321.53N	0002422.01W	91.01	298.59	N	510595.73	185325.10	44.97	147.53	1771	30/10/2014
EGWU	OBST	TREES	513324.29N	0002421.72W	97.50	319.90	N	510599.39	185410.65	51.46	168.83	1772	30/10/2014
EGWU	OBST	HEDGE	513322.33N	0002421.73W	92.30	302.81	N	510600.45	185330.02	46.25	151.75	1773	30/10/2014
EGWU	OBST	TREE	513324.57N	0002421.62W	102.72	337.00	N	510601.06	185419.26	56.67	185.94	1774	30/10/2014
EGWU	OBST	HEDGE	513320.98N	0002421.66W	91.24	299.33	N	510602.76	185308.42	45.20	148.28	1775	30/10/2014
EGWU	OBST	SIGN	513315.69N	0002421.83W	85.03	278.96	N	510603.03	185144.72	38.99	127.91	1776	30/10/2014
EGWU	OBST	HEDGE	513321.35N	0002421.57W	91.11	298.93	N	510604.12	185319.81	45.07	147.87	1777	30/10/2014
EGWU	OBST	HEDGE	513321.11N	0002421.53W	91.44	299.99	N	510605.18	185312.22	45.40	148.93	1778	30/10/2014
EGWU	OBST	FENCE	513320.98N	0002421.45W	90.08	295.53	N	510606.81	185308.36	41.04	134.48	1779	30/10/2014

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IDENTIFICATION	WGS84	ELLIPSOIDAL	O3GB36	ORTHOMETRIC	RECORD ID	SURVEY DATE							
	LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES	FEET				
EGWU	OBST	HEDGE	513325.03N	0002421.27W	99.15	325.30	N	510607.46	185433.62	53.11	174.24	1780	30/10/2014
EGWU	OBST	HEDGE	513321.00N	0002421.40W	90.51	296.96	N	510607.80	185309.16	44.47	145.90	1781	30/10/2014
EGWU	OBST	HEDGE	513320.88N	0002421.37W	91.63	300.63	N	510608.50	185305.45	45.50	149.57	1782	30/10/2014
EGWU	OBST	HEDGE	513321.88N	0002421.28W	91.98	301.76	N	510609.49	185336.37	45.93	150.70	1783	30/10/2014
EGWU	OBST	HEDGE	513321.65N	0002420.95W	91.60	300.53	N	510615.99	185329.43	45.56	149.48	1784	30/10/2014
EGWU	OBST	TREE	513315.01N	0002421.11W	95.56	313.52	N	510617.34	185124.02	49.52	162.48	1785	30/10/2014
EGWU	OBST	HEDGE	513319.01N	0002420.97W	88.72	291.07	N	510617.36	185247.84	42.68	140.02	1786	30/10/2014
EGWU	OBST	HEDGE	513320.56N	0002420.84W	91.18	299.16	N	510618.92	185295.58	45.14	148.10	1787	30/10/2014
EGWU	OBST	HEDGE	513321.43N	0002420.74W	91.91	301.54	N	510620.08	185322.54	45.87	150.48	1788	30/10/2014
EGWU	OBST	POST	513320.36N	0002420.74W	89.97	295.17	Y	510620.96	185289.68	43.92	144.11	1789	30/10/2014
EGWU	OBST	TREE	513325.00N	0002420.56W	103.00	337.93	N	510621.17	185432.87	56.96	186.87	1790	30/10/2014
EGWU	OBST	FENCE	513316.80N	0002420.83W	85.70	281.17	N	510621.55	185179.61	39.66	130.12	1791	30/10/2014
EGWU	OBST	HEDGE	513320.14N	0002420.68W	90.37	296.48	N	510622.29	185282.76	44.32	145.42	1792	30/10/2014
EGWU	OBST	TREE	513314.90N	0002420.86W	96.36	316.15	N	510622.31	185120.82	50.32	165.11	1793	30/10/2014
EGWU	OBST	HEDGE	513321.35N	0002420.63W	91.36	299.73	N	510622.35	185320.03	45.32	148.67	1794	30/10/2014
EGWU	OBST	TREE	513314.77N	0002420.84W	96.33	316.04	N	510622.76	185116.82	50.29	164.99	1795	30/10/2014
EGWU	OBST	BUILDING	513329.55N	0002420.30W	98.01	321.55	N	510623.15	185573.59	51.96	170.48	1796	30/10/2014
EGWU	OBST	FENCE	513320.24N	0002420.61W	89.18	292.59	N	510623.51	185286.91	43.14	141.54	1797	30/10/2014
EGWU	OBST	FENCE	513320.21N	0002420.56W	89.54	293.77	N	510624.42	185286.67	43.50	142.71	1798	30/10/2014
EGWU	OBST	TREE	513321.43N	0002420.79W	91.37	299.77	N	510625.32	185044.57	45.33	148.72	1799	30/10/2014
EGWU	OBST	HEDGE	513321.18N	0002420.47W	91.35	299.69	N	510625.60	185315.00	45.30	148.64	1800	30/10/2014
EGWU	OBST	TREE	513314.61N	0002420.68W	98.12	321.92	N	510625.87	185111.88	52.08	170.88	1801	30/10/2014
EGWU	OBST	BUILDING	513318.77N	0002420.50W	90.03	295.39	N	510626.65	185240.39	43.99	144.33	1802	30/10/2014
EGWU	OBST	TREE	513314.42N	0002420.62W	97.15	318.72	N	510627.28	185105.99	51.11	167.67	1803	30/10/2014
EGWU	OBST	AFKAL	513325.51N	0002420.19W	99.34	325.93	N	510628.05	185148.71	53.30	174.87	1804	30/10/2014
EGWU	OBST	FIELD LIGHT	513321.31N	0002420.29W	91.89	301.46	N	510628.89	185318.99	45.94	150.40	1805	30/10/2014
EGWU	OBST	FIELD LIGHT	513320.54N	0002420.31W	91.98	301.78	N	510629.08	185295.22	45.94	150.73	1806	30/10/2014
EGWU	OBST	FIELD LIGHT	513325.19N	0002420.14W	103.68	340.14	N	510629.11	185438.96	57.63	189.08	1807	30/10/2014
EGWU	OBST	FIELD LIGHT	513321.03N	0002420.26W	91.04	298.68	N	510629.62	185310.73	45.00	147.62	1808	30/10/2014
EGWU	OBST	FIELD LIGHT	513320.03N	0002420.24W	90.65	297.42	N	510630.71	185292.41	41.61	146.37	1809	30/10/2014
EGWU	OBST	FIELD LIGHT	513318.41N	0002420.27W	89.85	294.77	N	510631.12	185292.41	43.81	143.72	1810	30/10/2014
EGWU	OBST	FIELD LIGHT	513314.09N	0002420.39W	94.14	308.84	N	510631.15	185292.41	48.19	157.80	1811	30/10/2014
EGWU	OBST	FIELD LIGHT	513318.96N	0002420.19W	92.18	302.44	N	510632.89	185292.41	46.14	151.39	1812	30/10/2014
EGWU	OBST	FIELD LIGHT	513324.98N	0002419.98W	101.84	334.11	N	510632.89	185292.41	56.79	183.04	1813	30/10/2014
EGWU	OBST	FIELD LIGHT	513319.88N	0002420.11W	90.30	296.26	N	510633.18	185292.41	41.29	145.21	1814	30/10/2014
EGWU	OBST	FIELD LIGHT	513319.46N	0002420.12W	92.75	304.31	N	510633.18	185292.41	46.71	153.25	1815	30/10/2014
EGWU	OBST	FIELD LIGHT	513311.85N	0002420.38W	91.67	300.75	N	510633.18	185292.41	46.61	149.71	1816	30/10/2014
EGWU	OBST	FIELD LIGHT	513320.83N	0002420.06W	91.00	298.57	N	510633.18	185292.41	41.96	147.51	1817	30/10/2014
EGWU	OBST	FIELD LIGHT	513318.36N	0002420.13W	88.46	290.21	N	510633.18	185292.41	42.42	139.16	1818	30/10/2014
EGWU	OBST	FIELD LIGHT	513320.28N	0002420.05W	91.73	300.96	N	510633.18	185292.41	45.69	149.90	1819	30/10/2014
EGWU	OBST	FIELD LIGHT	513328.14N	0002419.73W	105.65	346.61	N	510633.18	185292.41	59.60	195.54	1820	30/10/2014
EGWU	OBST	FIELD LIGHT	513316.08N	0002420.06W	91.46	300.07	N	510633.18	185292.41	46.48	149.61	1821	30/10/2014
EGWU	OBST	FIELD LIGHT	513317.59N	0002420.04W	91.54	300.34	N	510633.18	185292.41	46.69	149.29	1822	30/10/2014



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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELIPSOIDAL		OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE	
			LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES			FEET
EGWU	OBST	BUSHES	513319.62N	0002419.84W	90.81	297.94	N	510638.65	185266.93	44.77	146.89	1823	30/10/2014
EGWU	OBST	TREE	513331.55N	0002419.42W	112.80	370.09	N	510638.85	185635.86	66.76	219.02	1824	30/10/2014
EGWU	OBST	TREE	513325.69N	0002419.59W	104.32	342.24	N	510639.47	185454.69	58.27	191.18	1825	30/10/2014
EGWU	OBST	HEDGE	513319.39N	0002419.75W	90.23	296.03	N	510640.69	185260.06	44.19	144.98	1826	30/10/2014
EGWU	OBST	BUSH	513317.89N	0002419.79W	90.28	296.20	N	510640.76	185213.62	44.24	145.15	1827	30/10/2014
EGWU	OBST	HEDGE	513320.55N	0002419.66W	90.76	297.77	N	510641.59	185298.83	44.72	146.72	1828	30/10/2014
EGWU	OBST	BUILDING	513330.03N	0002419.29W	98.12	321.91	N	510642.36	185588.80	52.07	170.84	1829	30/10/2014
EGWU	OBST	HEDGE	513320.45N	0002419.60W	91.23	299.31	N	510642.88	185292.78	45.19	148.26	1830	30/10/2014
EGWU	OBST	CCTV	513317.31N	0002419.53W	89.19	292.63	N	510646.29	185198.82	43.15	141.58	1831	30/10/2014
EGWU	OBST	TREE	513316.12N	0002419.49W	97.88	321.14	N	510647.72	185159.17	51.84	170.09	1832	30/10/2014
EGWU	OBST	WALL	513317.61N	0002419.44W	88.21	289.39	N	510647.76	185205.25	42.17	138.34	1833	30/10/2014
EGWU	OBST	BUSH	513318.17N	0002419.42W	91.27	299.44	N	510647.88	185222.51	45.23	148.39	1834	30/10/2014
EGWU	OBST	TREE	513310.51N	0002419.66W	88.82	291.39	N	510648.36	184985.66	42.78	140.35	1835	30/10/2014
EGWU	OBST	TREE	513312.08N	0002419.58W	96.65	317.08	N	510648.78	185034.11	50.61	166.04	1836	30/10/2014
EGWU	OBST	ROAD_SIGN	513319.16N	0002419.25W	89.59	293.94	N	510650.35	185253.20	43.55	142.88	1837	30/10/2014
EGWU	OBST	TREE	513312.18N	0002419.47W	96.45	316.44	N	510650.94	185037.36	50.42	165.40	1838	30/10/2014
EGWU	OBST	TREE	513316.39N	0002419.30W	93.35	306.26	N	510651.38	185167.54	47.31	155.21	1839	30/10/2014
EGWU	OBST	ROAD_SIGN	513320.12N	0002419.03W	90.56	297.11	N	510653.90	185282.93	44.52	146.05	1840	30/10/2014
EGWU	OBST	TREE	513309.78N	0002419.33W	88.53	290.45	N	510655.16	184969.22	42.99	139.41	1841	30/10/2014
EGWU	OBST	TREE	513310.29N	0002418.68W	88.99	291.97	N	510655.35	184979.17	42.96	140.93	1842	30/10/2014
EGWU	OBST	TREE	513325.64N	0002418.34W	101.89	334.28	N	510657.08	185454.40	55.85	183.22	1843	30/10/2014
EGWU	OBST	BUSH	513317.84N	0002418.76W	91.76	301.04	N	510660.72	185212.60	45.72	149.99	1844	30/10/2014
EGWU	OBST	BUSH	513320.01N	0002418.57W	90.47	296.83	N	510662.83	185279.53	44.43	145.78	1845	30/10/2014
EGWU	OBST	FENCE	513320.57N	0002418.49W	89.88	294.89	N	510663.99	185296.93	43.84	143.84	1846	30/10/2014
EGWU	OBST	TREE	513320.14N	0002420.11W	108.17	354.88	N	510666.80	183738.37	62.15	203.91	1847	30/10/2014
EGWU	OBST	ROAD_SIGN	513317.97N	0002418.34W	91.07	298.78	N	510668.71	185216.56	45.03	147.73	1848	30/10/2014
EGWU	OBST	BUSH	513318.07N	0002418.32W	92.63	303.92	N	510668.99	185219.84	46.59	152.87	1849	30/10/2014
EGWU	OBST	TREE	513326.39N	0002417.62W	103.36	339.10	N	510676.94	185477.09	57.31	188.03	1850	30/10/2014
EGWU	OBST	FENCE	513320.73N	0002417.77W	90.27	296.15	N	510677.85	185302.36	44.22	145.09	1851	30/10/2014
EGWU	OBST	TREE	513326.01N	0002417.35W	101.07	331.61	N	510682.29	185465.63	55.03	180.54	1852	30/10/2014
EGWU	OBST	TREE	513319.29N	0002417.43W	94.37	309.62	N	510685.38	185258.09	48.33	158.57	1853	30/10/2014
EGWU	OBST	TREE	513329.64N	0002417.06W	106.10	348.11	N	510685.53	185577.61	60.06	197.04	1854	30/10/2014
EGWU	OBST	BUSH	513320.33N	0002417.36W	92.63	303.92	N	510686.03	185290.15	46.59	152.86	1855	30/10/2014
EGWU	OBST	TREE	513308.51N	0002417.68W	90.49	296.89	N	510687.77	184924.89	44.46	145.86	1856	30/10/2014
EGWU	OBST	TREE	513327.09N	0002416.91W	103.72	340.29	N	510692.05	185498.89	57.68	189.23	1857	30/10/2014
EGWU	OBST	FENCE	513320.95N	0002417.02W	90.54	297.06	N	510692.05	185309.45	44.50	146.00	1858	30/10/2014
EGWU	OBST	ROAD_SIGN	513321.00N	0002416.91W	91.32	299.60	N	510694.28	185310.76	45.28	148.55	1859	30/10/2014
EGWU	OBST	TFE	513327.08N	0002416.64W	104.83	343.93	N	510695.41	185498.92	58.79	192.87	1860	30/10/2014
EGWU	OBST	FENCE	513310.39N	0002417.13W	95.52	313.37	N	510697.12	184983.02	49.48	162.34	1861	30/10/2014
EGWU	OBST	FENCE	513321.13N	0002416.54W	88.89	291.63	N	510701.20	185315.09	44.62	146.39	1862	30/10/2014
EGWU	OBST	FENCE	513307.77N	0002416.89W	88.89	291.63	N	510703.57	184902.16	42.86	140.60	1863	30/10/2014
EGWU	OBST	FENCE	513327.06N	0002416.17W	105.09	344.79	N	510704.39	185498.54	59.05	193.72	1864	30/10/2014
EGWU	OBST	FENCE	513320.03N	0002416.12W	94.36	309.59	N	510710.07	185281.22	48.32	158.54	1865	30/10/2014

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IDENTIFICATION	WGS84 LATITUDE	WGS84 LONGITUDE	ELLIPOSOIDAL METRES	FEET	LIT	EASTING	OSGB36 NORTHING	ORTHOMETRIC METRES	FEET	RECORD ID	SURVEY DATE
EGWU	OBST	513326.53N	0002415.87W	103.92	340.95	N	510710.58	185482.21	57.88	1866	30/10/2014
EGWU	OBST	513317.59N	0002416.13W	98.22	322.24	N	510711.47	185205.77	52.18	1867	30/10/2014
EGWU	OBST	513321.36N	0002415.99W	90.75	297.74	N	510711.70	185322.32	44.71	1868	30/10/2014
EGWU	OBST	513321.51N	0002415.68W	90.95	298.40	N	510717.40	185227.21	44.91	1869	30/10/2014
EGWU	OBST	513320.40N	0002415.58W	94.13	308.83	N	510720.31	185292.85	48.09	1870	30/10/2014
EGWU	OBST	513321.63N	0002415.35W	89.97	295.16	N	510722.79	185330.89	43.92	1871	30/10/2014
EGWU	OBST	513308.46N	0002415.70W	93.80	307.74	N	510725.91	184924.12	47.77	1873	30/10/2014
EGWU	OBST	513321.28N	0002415.10W	94.27	309.29	N	510728.92	185320.40	48.23	1874	30/10/2014
EGWU	OBST	513320.66N	0002414.95W	95.44	313.11	N	510732.24	185301.24	49.40	1875	30/10/2014
EGWU	OBST	513332.64N	0002414.53W	109.41	358.94	N	510732.28	185671.50	63.36	1876	30/10/2014
EGWU	OBST	513327.09N	0002414.71W	95.94	314.76	N	510732.55	185499.87	49.90	1877	30/10/2014
EGWU	OBST	513319.08N	0002414.87W	96.11	315.32	N	510734.76	185252.50	50.07	1878	30/10/2014
EGWU	OBST	513321.89N	0002414.72W	90.14	295.74	N	510735.76	185339.39	44.10	1879	30/10/2014
EGWU	OBST	513312.67N	0002414.88W	95.75	314.14	N	510738.91	185054.56	49.72	1880	30/10/2014
EGWU	OBST	513317.68N	0002414.69W	96.79	317.56	N	510741.18	185209.17	50.76	1881	30/10/2014
EGWU	OBST	513325.94N	0002414.21W	100.94	331.18	N	510742.83	185464.68	54.90	1882	30/10/2014
EGWU	OBST	513326.64N	0002413.75W	95.87	314.52	N	510751.19	185486.40	49.82	1883	30/10/2014
EGWU	OBST	513327.69N	0002413.51W	98.24	322.32	N	510755.26	185518.88	52.20	1884	30/10/2014
EGWU	OBST	513328.16N	0002413.37W	99.24	325.60	N	510757.63	185534.51	53.20	1885	30/10/2014
EGWU	OBST	513320.10N	0002413.61W	93.85	307.91	N	510757.76	185314.06	47.81	1886	30/10/2014
EGWU	OBST	513320.12N	0002413.46W	98.44	322.95	N	510761.30	185285.31	52.40	1887	30/10/2014
EGWU	OBST	513326.26N	0002413.21W	99.85	327.58	N	510762.01	185474.84	53.80	1888	30/10/2014
EGWU	OBST	513322.59N	0002413.20W	91.23	299.30	N	510764.54	185361.51	45.19	1889	30/10/2014
EGWU	OBST	513329.96N	0002412.71W	102.95	337.77	N	510768.96	185589.45	56.91	1890	30/10/2014
EGWU	OBST	513323.24N	0002412.37W	92.74	304.27	N	510780.11	185491.97	46.70	1891	30/10/2014
EGWU	OBST	513326.98N	0002412.14W	96.56	316.80	N	510782.01	185472.89	50.52	1892	30/10/2014
EGWU	OBST	513323.56N	0002412.04W	92.87	304.70	N	510786.21	185392.15	46.83	1893	30/10/2014
EGWU	OBST	513329.77N	0002411.80W	102.25	335.46	N	510788.72	185483.95	56.20	1894	30/10/2014
EGWU	OBST	513326.84N	0002411.99W	100.77	330.59	N	510788.99	185493.66	54.72	1895	30/10/2014
EGWU	OBST	513323.53N	0002411.98W	93.92	308.15	N	510789.42	185493.66	47.89	1896	30/10/2014
EGWU	OBST	513322.73N	0002411.89W	93.96	308.27	N	510789.60	185493.66	47.92	1897	30/10/2014
EGWU	OBST	513321.83N	0002411.68W	95.36	312.85	N	510791.58	185493.66	49.32	1898	30/10/2014
EGWU	OBST	513324.06N	0002411.53W	95.59	313.60	N	510794.62	185493.66	49.51	1899	30/10/2014
EGWU	OBST	513324.20N	0002411.44W	100.35	329.22	N	510797.52	185493.66	51.39	1900	30/10/2014
EGWU	OBST	513329.72N	0002413.34W	106.40	349.09	N	510797.52	185493.66	59.39	1901	30/10/2014
EGWU	OBST	513324.70N	0002411.40W	93.25	305.93	N	510797.52	185493.66	47.81	1902	30/10/2014
EGWU	OBST	513322.10N	0002411.05W	96.26	315.81	N	510797.52	185493.66	50.27	1903	30/10/2014
EGWU	OBST	513324.00N	0002410.94W	94.08	308.65	N	510797.52	185493.66	48.04	1905	30/10/2014
EGWU	OBST	513327.35N	0002410.82W	100.16	328.59	N	510797.52	185493.66	54.11	1906	30/10/2014
EGWU	OBST	513322.92N	0002410.92W	90.68	297.52	N	510797.52	185493.66	41.91	1907	30/10/2014
EGWU	OBST	513324.00N	0002410.60W	88.22	322.24	N	510797.52	185493.66	47.15	1908	30/10/2014
EGWU	OBST	513322.99N	0002410.61W	92.56	303.67	N	510797.52	185493.66	47.15	1909	30/10/2014

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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84			ELLIPSOIDAL			OSGB36			ORTHOMETRIC			RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	LT	EASTING	NORTHING	METRES	FEET	RECORD ID	SURVEY DATE			
EGWU	OBST	AERIAL	513320.88N	0002410.62W	95.53	313.43 N	510815.36	185309.83	49.50	162.39	1910	30/10/2014				
EGWU	OBST	TREE	513324.26N	0002410.21W	101.03	331.47 N	510820.98	185414.43	54.99	180.42	1911	30/10/2014				
EGWU	OBST	AERIAL	513321.06N	0002410.15W	95.71	313.99 N	510824.32	185315.74	49.67	162.95	1912	30/10/2014				
EGWU	OBST	TREE	513258.96N	0002410.90W	94.30	309.39 N	510824.79	184632.52	48.28	158.38	1913	30/10/2014				
EGWU	OBST	BUILDING	513326.04N	0002409.81W	96.01	314.99 N	510827.48	185469.66	49.97	163.94	1914	30/10/2014				
EGWU	OBST	FLOODLIGHT	513324.15N	0002409.78W	92.84	304.61 N	510829.32	185411.11	46.80	153.56	1915	30/10/2014				
EGWU	OBST	FLOODLIGHT	513322.20N	0002409.67W	92.25	302.65 N	510832.89	185350.87	46.21	151.61	1916	30/10/2014				
EGWU	OBST	CCTV	513324.19N	0002409.59W	91.78	301.11 N	510833.12	185412.46	45.74	150.06	1917	30/10/2014				
EGWU	OBST	BUILDING	513325.73N	0002409.46W	95.98	314.89 N	510834.48	185460.08	49.94	163.83	1918	30/10/2014				
EGWU	OBST	AERIAL	513326.24N	0002409.29W	98.43	322.94 N	510837.36	185475.99	52.39	171.88	1919	30/10/2014				
EGWU	OBST	FLOODLIGHT	513323.82N	0002408.94W	92.54	303.62 N	510845.82	185401.34	46.50	152.57	1920	30/10/2014				
EGWU	OBST	TREE	513326.38N	0002408.74W	98.83	324.25 N	510847.87	185480.57	52.79	173.20	1921	30/10/2014				
EGWU	OBST	BUILDING	513325.59N	0002408.73W	95.55	313.48 N	510848.65	185456.05	49.51	162.43	1922	30/10/2014				
EGWU	OBST	AERIAL	513321.70N	0002408.50W	95.15	312.17 N	510855.69	185335.95	49.11	161.12	1923	30/10/2014				
EGWU	OBST	FLOODLIGHT	513324.01N	0002407.83W	92.15	302.33 N	510866.98	185407.72	46.11	151.28	1924	30/10/2014				
EGWU	OBST	TREE	513250.00N	0002408.82W	100.47	329.64 N	510870.84	184356.74	54.45	178.65	1925	30/10/2014				
EGWU	OBST	FLOODLIGHT	513323.08N	0002407.60W	91.79	301.16 N	510872.09	185379.14	45.76	150.11	1926	30/10/2014				
EGWU	OBST	AERIAL	513322.69N	0002407.59W	96.07	315.19 N	510872.64	185367.00	50.03	164.15	1927	30/10/2014				
EGWU	OBST	TREE	513249.99N	0002408.36W	101.38	332.61 N	510879.73	184354.64	55.36	181.62	1928	30/10/2014				
EGWU	OBST	TREE	513249.94N	0002408.11W	101.43	332.78 N	510884.66	184355.00	55.41	181.79	1929	30/10/2014				
EGWU	OBST	TREE	513300.99N	0002407.60W	93.71	307.43 N	510887.07	184696.70	47.68	156.42	1930	30/10/2014				
EGWU	OBST	BUSH	513323.07N	0002406.82W	90.40	296.60 N	510887.13	185379.02	44.36	145.55	1931	30/10/2014				
EGWU	OBST	BUILDING	513325.71N	0002406.64W	95.28	312.60 N	510888.79	185460.78	49.24	161.56	1932	30/10/2014				
EGWU	OBST	FLOODLIGHT	513323.53N	0002406.57W	92.13	302.25 N	510891.59	185393.28	46.09	151.20	1933	30/10/2014				
EGWU	OBST	TREE	513327.32N	0002406.41W	96.73	317.35 N	510892.10	185510.47	50.69	166.30	1934	30/10/2014				
EGWU	OBST	BUSH	513323.57N	0002406.33W	92.45	303.32 N	510896.19	185394.80	46.41	152.28	1935	30/10/2014				
EGWU	OBST	BUILDING	513324.99N	0002406.17W	94.90	311.35 N	510898.24	185438.65	48.86	160.30	1936	30/10/2014				
EGWU	OBST	TREE	513302.37N	0002406.93W	95.56	313.53 N	510898.88	184739.73	49.54	162.52	1937	30/10/2014				
EGWU	OBST	BUILDING	513324.41N	0002406.04W	93.76	307.61 N	510901.27	185420.96	47.72	156.57	1938	30/10/2014				
EGWU	OBST	TREE	513325.49N	0002405.98W	95.32	312.73 N	510901.62	185451.27	49.28	161.68	1939	30/10/2014				
EGWU	OBST	BUILDING	513337.21N	0002405.51W	98.85	324.32 N	510902.79	185416.29	52.81	173.25	1940	30/10/2014				
EGWU	OBST	BUILDING	513324.77N	0002405.93W	95.44	313.11 N	510903.05	185432.09	49.40	162.07	1941	30/10/2014				
EGWU	OBST	FLOODLIGHT	513323.85N	0002405.80W	92.39	303.13 N	510906.15	185403.62	46.35	152.08	1942	30/10/2014				
EGWU	OBST	TREE	513323.58N	0002405.33W	100.74	330.52 N	510915.41	185395.73	54.70	179.48	1943	30/10/2014				
EGWU	OBST	FLOODLIGHT	513324.17N	0002405.07W	92.33	302.93 N	510920.08	185413.84	46.30	151.89	1944	30/10/2014				
EGWU	OBST	BUILDING	513324.86N	0002405.01W	93.84	307.88 N	510920.75	185435.06	47.80	156.83	1945	30/10/2014				
EGWU	OBST	TREE	513249.69N	0002405.88W	103.69	340.18 N	510927.76	184438.40	57.67	189.19	1946	30/10/2014				
EGWU	OBST	BUILDING	513326.14N	0002404.42W	94.62	310.43 N	510931.30	185475.07	48.58	159.38	1947	30/10/2014				
EGWU	OBST	TREE	513249.60N	0002405.41W	102.60	336.61 N	510936.85	184435.61	56.58	185.63	1948	30/10/2014				
EGWU	OBST	TREE	513331.88N	0002403.75W	101.18	331.96 N	510940.24	185652.67	55.14	180.90	1949	30/10/2014				
EGWU	OBST	TREE	513249.46N	0002404.44W	99.57	326.66 N	510955.63	184341.86	53.54	175.67	1950	30/10/2014				
EGWU	OBST	BUILDING	513325.72N	0002402.86W	94.37	309.62 N	510961.59	185462.70	48.33	158.57	1951	30/10/2014				
EGWU	OBST	TREE	513249.48N	0002403.89W	100.59	330.00 N	510966.20	184342.67	54.56	179.02	1952	30/10/2014				

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IDENTIFICATION	WGS84		ELLIPSOIDAL METRES	LIT		OSGB36		ORTHOMETRIC METRES	RECORD ID	SURVEY DATE	
	LATITUDE	LONGITUDE		EASTING	NORTHING	EASTING	NORTHING				
EGWU OBST	513327.48N	0002402.42W	104.04	341.33	N	510968.77	185517.30	58.00	190.28	1953	30/10/2014
EGWU OBST	513249.47N	0002403.61W	99.12	325.19	N	510971.66	184342.00	53.10	174.21	1954	30/10/2014
EGWU OBST	513325.98N	0002402.27W	99.96	327.96	N	510972.84	185470.91	53.92	176.92	1955	30/10/2014
EGWU OBST	513325.58N	0002401.43W	99.23	325.56	N	510989.22	185458.92	53.19	174.52	1956	30/10/2014
EGWU OBST	513340.74N	0002400.83W	107.76	353.53	N	510990.45	185927.56	61.71	202.46	1957	30/10/2014
EGWU OBST	513322.48N	0002400.96W	99.27	325.68	N	511000.38	185363.29	53.23	174.64	1958	30/10/2014
EGWU OBST	513319.34N	0002400.80W	96.98	318.19	N	511005.59	185266.25	50.95	167.16	1959	30/10/2014
EGWU OBST	513339.04N	0002359.27W	103.10	338.24	N	511021.70	185875.45	57.05	187.17	1960	30/10/2014
EGWU OBST	513327.21N	0002359.68W	97.03	318.33	N	511021.86	185509.87	50.99	167.29	1961	30/10/2014
EGWU OBST	TELEGRAPH POLE										
EGWU OBST	513335.52N	0002359.21W	119.06	390.61	N	511025.29	185766.85	73.02	239.55	1962	30/10/2014
EGWU OBST	513334.85N	0002358.51W	107.41	352.39	N	511039.23	185746.42	61.36	201.33	1963	30/10/2014
EGWU OBST	513335.96N	0002358.23W	115.14	377.76	N	511043.74	185780.92	69.10	226.71	1964	30/10/2014
EGWU OBST	513324.77N	0002358.62W	100.71	330.42	N	511043.95	185435.15	54.68	179.38	1965	30/10/2014
EGWU OBST	513335.06N	0002358.24W	108.76	356.84	N	511044.15	185753.02	62.72	205.78	1966	30/10/2014
EGWU OBST	513334.45N	0002358.12W	106.12	348.17	N	511046.94	185734.18	60.08	197.11	1967	30/10/2014
EGWU OBST	513335.16N	0002358.08W	107.90	353.99	N	511047.28	185756.16	61.86	202.94	1968	30/10/2014
EGWU OBST	513233.48N	0002359.70W	102.44	336.10	N	511057.66	183849.68	56.43	185.15	1969	30/10/2014
EGWU OBST	513330.99N	0002353.38W	98.77	324.04	N	511140.57	185629.38	52.73	172.99	1970	30/10/2014
EGWU OBST	513324.56N	0002352.79W	100.12	328.47	N	511156.27	185430.96	54.08	177.44	1971	30/10/2014
EGWU OBST	513241.85N	0002354.23W	105.80	347.10	N	511157.47	184111.00	59.78	196.15	1972	30/10/2014
EGWU OBST	513327.54N	0002350.18W	107.16	351.59	N	511204.60	185524.27	61.13	200.55	1973	30/10/2014
EGWU OBST	513328.30N	0002349.65W	107.48	352.63	N	511214.25	185547.77	61.45	201.59	1974	30/10/2014
EGWU OBST	513327.76N	0002349.52W	105.96	347.64	N	511216.99	185531.23	59.92	196.60	1975	30/10/2014
EGWU OBST	513342.95N	0002342.03W	98.66	323.69	N	511350.95	186003.54	52.62	172.64	1976	30/10/2014
EGWU OBST	513334.97N	0002340.07W	99.28	325.71	N	511394.06	185767.89	53.21	174.68	1977	30/10/2014
EGWU OBST	513339.01N	0002339.71W	95.91	314.68	N	511398.30	185695.09	49.88	163.63	1978	30/10/2014
EGWU OBST	513338.69N	0002339.51W	96.67	317.15	N	511402.42	185873.22	50.63	166.11	1979	30/10/2014
EGWU OBST	513338.94N	0002339.23W	94.35	309.53	N	511407.66	185891.03	48.31	158.49	1980	30/10/2014
EGWU OBST	513338.10N	0002339.10W	96.67	317.14	N	511410.76	185895.47	50.63	166.10	1981	30/10/2014
EGWU OBST	513336.90N	0002338.79W	97.28	319.17	N	511417.68	185898.24	51.29	168.14	1982	30/10/2014
EGWU OBST	513338.91N	0002337.79W	96.34	316.06	N	511435.31	185860.90	50.30	165.02	1983	30/10/2014
EGWU OBST	513318.04N	0002338.03W	102.46	336.16	N	511441.95	185869.91	54.41	185.16	1984	30/10/2014
EGWU OBST	513319.41N	0002338.00W	102.93	337.69	N	511447.00	185875.00	54.60	186.69	1985	30/10/2014
EGWU OBST	513347.14N	0002335.58W	94.25	309.23	N	511451.00	185875.00	54.41	185.16	1986	30/10/2014
EGWU OBST	513349.38N	0002335.12W	99.89	327.73	N	511451.00	185875.00	54.41	185.16	1987	30/10/2014
EGWU OBST	513347.12N	0002334.77W	93.88	309.02	N	511457.00	185875.00	54.41	185.16	1988	30/10/2014
EGWU OBST	513320.04N	0002335.68W	97.52	319.95	N	511488.67	185898.60	51.50	168.95	1989	30/10/2014
EGWU OBST	513347.05N	0002334.53W	95.93	314.74	N	511492.56	185833.61	49.89	163.69	1990	30/10/2014
EGWU OBST	513323.94N	0002324.05W	98.59	323.46	N	511748.17	185875.00	62.57	172.46	1991	30/10/2014
EGWU OBST	513323.98N	0002320.45W	96.79	317.55	N	511751.58	185875.00	60.77	166.56	1992	30/10/2014
EGWU OBST	513354.20N	0002319.25W	103.32	338.96	N	511759.00	185875.00	67.29	192.92	1993	30/10/2014
EGWU OBST	513407.01N	0002318.50W	114.77	376.54	N	511867.00	185875.00	69.54	204.47	1994	30/10/2014
EGWU OBST	513325.66N	0002319.82W	95.97	314.85	N	511873.00	185875.00	69.54	204.47	1995	30/10/2014

RAF NORTHOLT  
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SITE NAME	TYPE OF FEATURE	IDENTIFICATION	WGS84		ELLIPSOIDAL			OSGB36			ORTHOMETRIC			RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	LIT	EASTING	NORTHING	METRES	FEET	RECORD	ID	DATE	
EGWU	OBST	TREE	513354.51N	0002318.68W	103.04	338.04	N	511792.66	186370.47	57.00	187.00	2038		30/10/2014	
EGWU	OBST	TREE	513353.42N	0002317.90W	114.18	374.59	N	511808.48	186337.39	68.14	223.55	2037		30/10/2014	
EGWU	OBST	TREE	513353.85N	0002316.91W	114.85	376.79	N	511827.20	186350.91	68.81	225.75	2036		30/10/2014	
EGWU	OBST	TREE	513326.65N	0002317.27W	97.79	320.82	N	511838.86	185510.72	51.76	169.83	2035		30/10/2014	
EGWU	OBST	TREE	513354.17N	0002316.05W	113.10	371.07	N	511843.50	186361.33	67.06	220.03	2034		30/10/2014	
EGWU	OBST	TREE	513354.07N	0002315.58W	115.45	378.77	N	511852.66	186358.42	69.41	227.73	2033		30/10/2014	
EGWU	OBST	TREE	513401.39N	0002314.86W	106.07	347.99	N	511861.59	186584.90	60.03	196.94	2032		30/10/2014	
EGWU	OBST	TREE	513354.86N	0002314.30W	113.45	372.20	N	511876.85	186383.21	67.41	221.16	2031		30/10/2014	
EGWU	OBST	TREE	513327.39N	0002315.24W	91.92	301.57	N	511877.44	186534.45	45.90	150.57	2030		30/10/2014	
EGWU	OBST	TREE	513355.42N	0002312.92W	114.50	375.66	N	511903.03	186401.33	68.46	224.62	2029		30/10/2014	
EGWU	OBST	TREE	513355.71N	0002312.15W	100.20	328.73	N	511917.61	186410.43	68.16	223.63	2028		30/10/2014	
EGWU	OBST	TREE	513330.11N	0002312.33W	115.23	378.04	N	511934.82	186421.54	69.19	227.00	2027		30/10/2014	
EGWU	OBST	TREE	513356.06N	0002311.24W	115.23	378.04	N	511934.82	186421.54	69.19	227.00	2026		30/10/2014	
EGWU	OBST	TREE	513018.56N	0002318.86W	172.30	565.29	N	511936.10	179699.59	126.38	414.62	2025		30/10/2014	
EGWU	OBST	TREE	513358.15N	0002310.74W	102.68	336.86	N	511943.02	186486.50	56.64	185.82	2024		30/10/2014	
EGWU	OBST	TREE	513326.85N	0002311.79W	98.22	322.30	N	511944.18	185519.03	52.22	171.32	2023		30/10/2014	
EGWU	OBST	TREE	513331.35N	0002311.54W	98.37	322.73	N	511945.92	185658.23	52.35	171.74	2022		30/10/2014	
EGWU	OBST	TREE	513407.96N	0002310.02W	106.17	348.31	N	511950.17	186789.81	60.12	197.26	2021		30/10/2014	
EGWU	OBST	TREE	513408.01N	0002308.53W	107.25	351.86	N	511978.93	186791.90	61.21	200.81	2020		30/10/2014	
EGWU	OBST	TREE	513330.96N	0002309.02W	95.88	314.56	N	511994.78	186647.21	49.86	163.57	2019		30/10/2014	
EGWU	OBST	TREE	513354.29N	0002306.25W	103.95	341.05	N	512032.07	186369.22	57.92	190.02	2018		30/10/2014	
EGWU	OBST	TREE	513400.35N	0002305.34W	105.77	347.02	N	512045.63	186556.71	59.73	195.98	2017		30/10/2014	
EGWU	OBST	TREE	513404.29N	0002301.02W	108.16	354.87	N	512125.92	186680.36	62.13	203.83	2016		30/10/2014	
EGWU	OBST	TREE	513401.87N	0002259.78W	105.24	345.27	N	512151.50	186606.04	59.20	194.24	2015		30/10/2014	
EGWU	OBST	TREE	513346.24N	0002300.16W	101.33	332.46	N	512178.82	186123.12	55.31	181.45	2014		30/10/2014	
EGWU	OBST	TREE	513331.19N	0002258.46W	91.10	298.89	N	512197.83	185658.88	45.08	147.91	2013		30/10/2014	
EGWU	OBST	TREE	513334.22N	0002249.81W	98.11	321.88	N	512362.46	185756.27	52.09	170.91	2012		30/10/2014	
EGWU	OBST	TREE	513352.29N	0002238.49W	104.22	341.94	N	512563.74	186319.00	58.20	190.94	2011		30/10/2014	
EGWU	OBST	TREE	513352.80N	0002238.49W	101.72	333.73	N	512567.57	186334.96	55.70	182.74	2010		30/10/2014	
EGWU	OBST	TREE	513354.88N	0002236.57W	102.49	336.26	N	512603.07	186367.53	56.47	185.26	2009		30/10/2014	
EGWU	OBST	TREE	513353.83N	0002236.37W	100.22	328.81	N	512607.79	186367.53	54.20	177.82	2008		30/10/2014	
EGWU	OBST	TREE	513357.07N	0002232.79W	103.56	339.76	N	512674.38	186469.22	57.54	188.76	2007		30/10/2014	
EGWU	OBST	TREE	513353.73N	0002229.93W	102.14	335.12	N	512731.88	186367.16	56.12	184.13	2006		30/10/2014	
EGWU	OBST	TREE	513352.91N	0002229.31W	103.45	339.39	N	512744.25	186342.20	57.43	188.41	2005		30/10/2014	
EGWU	OBST	TREE	513354.18N	0002227.47W	102.31	335.66	N	512778.78	186392.30	56.29	184.68	2004		30/10/2014	
EGWU	OBST	TREE	513354.51N	0002227.13W	104.36	342.38	N	512785.18	186392.54	58.34	191.39	2003		30/10/2014	
EGWU	OBST	TREE	513357.45N	0002223.76W	108.93	357.38	N	512848.02	186484.79	62.91	206.40	2002		30/10/2014	
EGWU	OBST	TREE	513355.59N	0002221.68W	127.13	417.10	N	512889.30	186428.41	81.11	266.12	2001		30/10/2014	
EGWU	OBST	TREE	513315.15N	0002155.44W	146.51	480.68	N	513422.41	185190.40	100.52	329.81	2000		30/10/2014	
EGWU	OBST	TREE	513722.77N	0002123.61W	218.29	716.18	N	513863.26	192853.20	172.19	564.92	2038		30/10/2014	
EGWU	OBST	TREE	513304.37N	0002127.77W	128.52	421.67	N	513962.77	184869.36	82.55	270.85	2037		30/10/2014	
EGWU	OBST	TREE	513303.70N	0002126.92W	128.68	422.19	N	513979.57	184849.05	82.71	271.37	2036		30/10/2014	
EGWU	OBST	TREE	513317.92N	0002020.59W	138.93	455.81	N	515246.91	185317.13	92.98	305.05	2035		30/10/2014	

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OBJECT ID	OBJECT	IDENTIFICATION	WGS84			ELLIPSOIDAL		LIT	OSGB36		ORTHOMETRIC		RECORD ID	SURVEY DATE
			LATITUDE	LONGITUDE	METRES	FEET	EASTING		NORTHING	METRES	FEET			
2039	OBST		513427.04N	0002015.60W	216.15	709.16	N	515294.52	187454.47	170.16	558.28	2039	30/10/2014	
2040	OBST		513257.96N	0002606.15W	90.13	295.70	N	508605.94	184553.67	44.10	144.69	2040	01/10/2015	
2041	OBST	TREE	513332.78N	0002455.30W	104.95	344.26	N	509953.71	185349.88	58.90	193.24	2041	01/10/2015	
2042	OBST		513317.97N	0002415.47W	102.73	337.04	N	510724.02	185217.85	56.70	186.02	2042	01/10/2015	
2043	OBST	CRANES_TEMPORARY	513242.20N	0002843.98W	184.10	604.00	Y	505576.65	184002.67	137.99	452.71	2043	01/10/2015	

# Annex F

Full 2015 Survey Report – Paul Fassam Geomatics Ltd.

Year 1 Rev A Survey Report

Paul Fassam Geomatics

Chartered Land Surveyors

CAP232

## RAF Northolt

CAP 232 REPORT

Year 1 Rev A

May 2015

Survey Date: October 2014





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**GENERAL INFORMATION**

**TYPE OF SURVEY:** Measured Heights Survey

**LOCATION:** RAF Northolt

**SURVEY DATES:** October 2014

**SURVEY COMPANY:** Paul Fassam Geomatics Ltd  
Chartered Geomatics Surveyors  
Plymouth Science Park  
1 Davy Road  
Plymouth  
Devon  
PL6 8BX

Tel: ++44(0) 1752 764463

Fax: ++44(0) 1752 764465

Email: [p.fassam@paulfassamgeomatics.co.uk](mailto:p.fassam@paulfassamgeomatics.co.uk)

**SURVEY TEAM:**

**PURPOSE OF SURVEY:** Geodetic and Measured Heights surveys of  
RAF Northolt in accordance with CAP232  
and EUROCONTROL document  
"Surveying of Navigational Facilities".

Survey Date: October 2014



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**Survey Dates**

The survey was carried out during October 2014. This survey is in accordance with the Eurocontrol specification for surveying of aerodromes and CAP 232 revision January 2008.

**Glossary of Terms**

Above Ordnance Datum (AOD)	Orthometric Height
Accelerate-Stop Distance	The length of the take-off run available the Available (ASDA) length of the stopway, if provided. (ICAO Annex 14) (Also known as Emergency Distance Available (EDA) - UK only)
Aerodrome Elevation	The elevation of the highest point of the landing area. (ICAO Annex 4)
Aerodrome Reference Point	The designated geographical location of an aerodrome. (ICAO Annex 4)
Cyclic Redundancy Check	A mathematical algorithm applied to the digital (CRC) expression of data that provides a level of assurance against loss or alteration of data. (ICAO Annex 14)
Ellipsoid Height	The height related to the reference ellipsoid, measured along the ellipsoidal outer normal through the point in question. (ICAO Annex 14)
Geoid	The equipotential surface in the gravity field of the Earth, which coincides with the undisturbed mean sea level (MSL) extended continuously through the continents. (ICAO Annex 14)
Obstacle	All fixed (whether temporary or permanent) and mobile objects

Survey Date: October 2014



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thereof, that are located on an area intended for the surface movement of aircraft or that extend above a defined surface intended to protect aircraft in flight. (ICAO Annex 14)

Orthometric Height

Height of a point related to the Geoid, generally presented as an MSL elevation. (ICAO Annex 14)

Reference Ellipsoid

A geometric figure, usually determined by rotating an ellipse about its shorter (polar) axis, used as a surface of reference for geodetic surveys. The reference ellipsoid closely approximates to the dimensions of the Geoid, with certain ellipsoids fitting the Geoid more closely for various areas of the earth. (Non ICAO)

Threshold

The beginning of that portion of the runway usable for landing. (ICAO Annex4)

### **Year 1 Rev A – Survey Report**

A measured heights and geodetic survey was carried out during October 2014 according to CAP 232 revision January 2008 Aerodrome survey requirements. . A quality statement is included at Annexe H.

- Measured distances changed to relate to dispensations.
- 156 Navigational aids have been surveyed.
- 1039 Measured heights have been surveyed.
- The Aerodrome Plan has been prepared and is at Annex A
- New measured heights charts have been produced, incorporating the surveyed structures.
- A calculation of penetrating obstacles for each runway safety surface has been carried out.
- Form ADS01 has been completed and can be found at Annex K.

Survey Date: October 2014



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- A PAPI touchdown point check drawing has been produced and can be found at Annex L.

Measured heights CRC Files are listed at Annex B.

See database output file : EGWU\_OBST14A.CRC

Aerodrome plan geodetic coordinates are listed at Annex A.

See database output file : EGWU\_AD14A.CRC

#### Data Annexes

New electronic data Annex B files were generated according to new CAP 232 revision January 2008 requirements.

#### Charts

The following Autocad © drawings contain all prepared charts:

- ALL CAP232 CHARTS
- Aerodrome Plan
- Type A Charts

#### **Surfaces Penetrations (+ is a penetration)**

Each surface has been modelled and compared with the measured heights.

The penetrating obstacle report files are included in Annex C. The files giving the actual penetrations for each surface are included in the Penetrations Text File Reports directory.

An additional chart had been produced to aid in the management of the surfaces. We call this the maximum penetration chart. This chart indicates the worst case surface penetration of any surface into groups of manageable (eg vegetation), non-manageable (eg pylons etc) and navigational aids.

Survey Date: October 2014



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**Geodetic Survey Report**

Five Ordnance Survey geodetic control stations have been used to confirm the geodetic connection. The quality report including observation results are included at Annexe J.

**Measured Distances**

The Measured Distances have been calculated in relation to the proposed dispensations regarding the A40 and the LYTAG areas.

<b>MEASURED DISTANCES</b>					
<b>Runway designator</b>	<b>TORA (m)</b>	<b>TODA (m)</b>	<b>LDA (m)</b>	<b>ASDA (m)</b>	<b>Remarks</b>
07	1594	1768	1501	1594	
25	1558	1698	1558	1558	

Survey Date: October 2014







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**RUNWAY DATA**

RUNWAY	GRID	OSGB1936	ELLIPSOID	ETRF89 (WGS84)
--------	------	----------	-----------	----------------

AIRFIELD	RAF Northolt	DATE	October 2014
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T/Bar	EASTING	NORTHING	Ht(m)	LATITUDE	LONGITUDE
07	508971.838	184668.579	34.745	51°33'01.1277" N	0°29'50.1017" W
25	510452.488	185248.856	37.852	51°33'19.10275" N	0°29'42.5011" W

RUNWAY DIMENSIONS			LOCAL SCALE FACTOR (Inch/100ft) = 90.7365		
T/BAR-T/BAR	GROUND	GRID	CLEARWAY	GROUND	GRID
07-25	1590.673	1590.297		173.63	173.59
25-07	1590.673	1590.297		140.035	140.001

**OVERALL RUNWAY LENGTHS**

END-END	GROUND	GRID	GRID Brg	TRUE Brg	MAG Brg
07-25	1683.959	1683.560	68°35'58"	69°49'47"	70°56'37"
25-07	1683.959	1683.560	248°35'58"	249°50'47"	250°57'37"

**MAGNETIC DECLINATION**

DATE	MAGNETIC DECLINATION (W/E)	MAGNETIC VARIATION (W/E)
30/10/14	1°06'50"W OF TRUE NORTH	9 E PER YEAR

Survey Date: October 2014



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**Survey declaration form**

A survey Declaration Form shall accompany all full and check survey submissions. Completion of this form confirms that the survey information submitted to the Civil Aviation Authority meets the requirements and accuracies detailed in CAP 232.

A survey declaration form has been completed and is at Annex G

**Calibration forms**

See Annex – J

**Historical Survey report**

Survey year	Status	Date completed
Year 1	Completed	October 2014
Year 1 Rev A	Completed	May 2015

Survey Date: October 2014

