



British Geological Survey

**BULLETIN OF BRITISH
EARTHQUAKES 1991**



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Bulletin of British earthquakes 1991

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1. INTRODUCTION

1.1 The Bulletin

Seismic phase data, location details and magnitudes are presented for all earthquakes detected and located by BGS during 1991. The land areas of Great Britain and Northern Ireland and their coastal waters are covered within the limits of the detection capabilities of the seismograph network.

The seismicity of the UK since 1969 is illustrated using data extracted from the previous catalogues of Burton and Neilson (1980) and Turbitt (1984 - 1991).

1.2 Summary of 1991 seismicity

The largest earthquakes of the year, onshore, occurred at Newton, Powys, on 16 June (magnitude 2.8 ML), and at Balquhidder, Central Scotland, on 4 August (2.8 ML). Both were felt in the immediate area with intensity 3 MSK. Offshore the largest earthquake occurred in the Northern North Sea on 25 April with a magnitude of 4.2 ML. The epicentre was near the Alwyn oil fields but no felt reports were received.

On 14 December a magnitude 3.6 ML earthquake was felt in the area around Boulogne in France. It is of significance to UK seismic hazard due to its position only 30 km from the south coast of England.

Sixty five small events were detected in the coalfield areas of Fife; two were reported felt. In the coalfields of Derbyshire, Yorkshire, Nottinghamshire and Staffordshire over 100 events were detected, 13 of which were felt. A small event (0.8 ML) near Camborne in Cornwall at the site of an active tin-mine, was felt on 20 March.

Earthquakes were also felt near Ardentenny, Strathclyde (16 June, 2.0 ML); Gelligaer, Mid Glamorgan (9 January, 1.2 ML) and Stirling, Central Scotland (31 October, 1.1 ML).

A magnitude 2.2 ML earthquake at Loch Nevis, Highland on 27 September, was followed by 15 small aftershocks. Small swarms of activity occurred at Crianlarich, Central Scotland; Gleneagles, Tayside; Milngavie, Strathclyde and Dumfries, Dumfries and Galloway. Eight aftershocks of the 1984 Lleyn Peninsula earthquake were detected.

2. CATALOGUE FORMAT

2.1 Tables

Hypocentral parameters, for each earthquake, are tabulated under the headings:

Date	- day, month, year
Time	- Hours, minutes, seconds of origin time
Lat	- Latitude, positive North
Lon	- Longitude, positive East
KmE	- Grid reference, easting from National Grid origin near the Scilly Isles.
KmN	- Grid reference, northing
Dep	- Hypocentral depth in km, blank indicates depth unknown. Note that depths for events of quality C, D and possibly B, are unreliable due to the large errors involved.
Mag	- Richter local magnitude
Locality	- A geographical indication of the epicentral area, usually the nearest town followed by the region.
Int	- Maximum felt intensity on the MSK scale (Medvedev et al, 1964), when known. + indicates that an event was reported felt at the intensity given but no survey was initiated to determine the maximum intensity. Comments and felt areas, where appropriate, are included on the next line.
No	- Total number of P and S readings used in the event location
DM	- Epicentral distance in kilometres to the closest station
Gap	- Largest azimuthal separation in degrees between stations
RMS	- Root mean square error of arrival time residuals in seconds
ERH	- Standard error of the epicentre in kilometres
ERZ	- Standard error of the focal depth in kilometres
Q	- Solution quality of the hypocentre averaged from QS and QD (below). A, excellent; B, good; C, fair; D, poor.
SQD	- S is quality factor ascribed to RMS, D is quality ascribed to number and distribution of stations.

Data on the earthquakes and seismograph stations operated in 1991 are arranged as follows:

TABLE 1 is a chronological listing of all earthquakes in and near the UK for which a reliable epicentral location could be obtained.

TABLE 2 is a listing of the events in Table 1 arranged in order of decreasing latitude to facilitate identification of earthquakes in selected regions.

TABLE 3 is a chronological listing of events which, although detected by the seismograph network, had arrival patterns too weak to permit the computation of reliable locations. An indication of the estimated epicentre is given but errors could be very large. Also included are felt sonic events and unusual man made events such as aircraft crashes. These events are not in Tables 1 or 2.

TABLE 4 is an alphabetical listing of the geographic coordinates of seismograph stations operated in 1991 by BGS, DIAS, and Leeds University.

TABLE 5 lists the arrival times of phases for the events in Table 1 at each station, together with amplitude information used for magnitude calculation.

TABLE 6 is the crustal seismic velocity model used for event location.

2.2 Figures

FIGURE 1: the detection threshold of the network of seismograph stations in Table 4 for average background noise conditions where the detection criterion is signal received above 4 nanometres at 10 Hz on 3 stations.

FIGURE 2: the variation of epicentral location errors within the UK area for a magnitude 2.0 ML earthquake.

FIGURE 3: the epicentral location map of all the events in 1991 that are listed in Table 1.

FIGURE 4: the locations of earthquakes in the UK of magnitude 2.5 ML and above from 1979 to 1991.

FIGURE 5: the locations of earthquakes in the UK of magnitude 3.5 ML and above from 1969 to 1991.

FIGURE 6: the locations of earthquakes in the North Sea area in 1991 detected by BGS instruments.

3. THE BGS UK SEISMOGRAPH NETWORK

3.1 Instrumentation

A typical seismic network consists of up to seven 'outstation' vertical seismometers radio-linked over distances of up to 100 km to a central site where the data, along with that from a local 3-component set of two horizontal and one vertical seismometers, are recorded on magnetic tape by a Geostore recorder. Tapes are dispatched, usually once per week, to Edinburgh for analysis.

A more detailed description of the system is given by Browitt et al (1985) and the response of the system is described by Turbitt and Stewart (1982).

At some locations, on-line paper chart recorders display three channels to permit rapid investigation of reported felt tremors. Small computers operate at selected sites to detect earthquakes from a network. These data can be accessed by telephone line to give quasi-real-time, accurate, information. At other stations, low-gain vertical seismometers extend the dynamic range of the system to stronger motions and low frequency microphones are used to aid the discrimination of sonic booms.

The improvements in geographic coverage of the UK with the installation of more seismic networks is described in Turbitt (1985), and more recent developments are described by Browitt and Turbitt (1992).

3.2 Detection Threshold

The detection capabilities of a network depend upon station distribution, instrument sensitivity and background noise levels. For the BGS UK network the lower limit of sensitivity is governed by the background noise level. The contours in Figure 1 illustrate the lower threshold magnitude for an earthquake to exceed 4 nanometres at 10 Hz on at least three seismographs. Noise sources such as wind, waves, traffic and livestock vary considerably with time (about 0.5 to 15 nanometres, typically at 10 Hz) causing the magnitude thresholds to increase or decrease. In conditions of high noise 0.8 ML should be added to the contour values.

The detection contours in Figure 1 hold true only if all stations are continuously monitored and this is not always the case. Small events in unmonitored areas may then go undetected unless felt and reported to BGS by local inhabitants. The detection capabilities by this process are strongly dependent on population density.

4. HYPOCENTRE PARAMETERS AND THEIR ERRORS

4.1 Epicentre Location

By accurately timing the signal onsets at a minimum of three stations a location can be found for an earthquake which satisfies the observed pattern of arrivals. Instrumental locations in the catalogue were obtained using the computer program HYPO71 (Lee and Lahr, 1975) which iteratively adjusts a trial hypocentre (latitude, longitude, depth, and origin time) until the observed and computed arrival times coincide closely.

The accuracy of locations is dependent on distances from the closest stations, the distribution of the stations around the epicentre, the resolution to which signal onsets can be timed from the records, and the accuracy with which the seismic wave velocity through the earth can be modelled.

Figure 2 illustrates the likely variation of epicentral location errors within the UK area for a magnitude 2.0 earthquake, 5 km deep. These errors have been determined by the computer program ERRCON (Musson 1987) assuming P and S arrival time variances of 0.2 and 0.4 seconds respectively at all detecting stations. The rapid increase in epicentral uncertainty to 20 km and above is apparent as the epicentre moves beyond the detecting range of the seismograph network. For convenience in the tables, epicentre grid references and depths have been given to 0.1 km although this accuracy does not apply in all cases.

The general velocity model used is given in Table 6 and was derived from a series of refraction profiles traversing Britain, LISPB (Bamford et al, 1976; Bamford et al, 1978; Assumpcao and Bamford, 1978). However, for some localised areas of activity, different models have been employed and these are explained in detail in BGS reports on the particular series.

4.2 Depth Determination

The accurate determination of earthquake depth presents a more difficult problem, mainly because phase arrival patterns at the seismographs can still be satisfied for a large range of depths merely by adjusting the origin time to suit. Constraints on the depth can usually only be imposed when a station is very near the epicentre and even then the accuracy depends on the velocity model.

The best depth determinations have been obtained when a series occurred almost beneath a network. For events at larger distances, depth errors may be up to tens of kilometres. The quality factor of the event as listed in the tables (Q), is an indication of the depth error. As a general guide only A, and possibly B class events have reliable depths.

4.3 Seismicity Distribution

Owing to variability in the earthquake detection threshold, which is governed by ambient noise conditions and the geometry of the observing network (see 3.2 above), the catalogue is biased towards certain localities. In order to present a consistent picture of UK seismic activity, earthquakes with magnitude 2.5 ML or greater, in the period 1979-1991 have been plotted in Figure 4. The data set is considered complete for these magnitudes in all localities. Seismicity for 1969-1991 is shown in Figure 5 with a threshold magnitude of 3.5. This is the period covered by BGS instrumentation which consisted only of the network around Edinburgh (LOWNET) and Eskdalemuir (ESK) in the early years.

4.4 Magnitude

Almost all earthquakes in the catalogue have been assigned a local magnitude (ML) as defined by Richter (1935):

$$ML = \log_{10} (A/A_0)$$

where A is the maximum deflection (centre to peak in mm) registered by the earthquake on a Wood-Anderson seismograph and A₀ is that for a "standard" magnitude zero earthquake at the same distance. The A₀ term is thus a distance correction factor tabulated by Richter to 200, and later 600 km. Although Richter intended his method to be an approximate quantification of earthquake size and his attenuation term, A₀, strictly only applies to California, the formula is still used world-wide today.

The ML magnitudes in this catalogue have been calculated according to Richter by converting the output of the BGS instruments to an equivalent Wood-Anderson deflection. Ideally the measurements are made on two horizontal instruments and averaged but, if this was not possible, the mean of the magnitudes from a number of verticals has been used. Ground motion registered at a seismograph varies with site conditions, direction from the earthquake, and the nature of the ray path. Consequently, it is important to take the mean from a good distribution of stations. The resulting errors on magnitudes quoted in the catalogue will normally be less than 0.4 ML.

4.5 Intensity

Intensity is a measure of the effect of the shaking on people, structures and objects. It decreases with distance from a maximum value (I_0) usually found close to the epicentre. The maximum felt intensity is quoted, where known, on the MSK scale (Medvedev et al, 1964).

5. CATALOGUE CONTENT AND COMPLETENESS

5.1 The geographical area

The catalogue covers all of the UK land mass and its coastal waters including the North Sea.

5.2 Events included

All events believed to be due to true tectonic origins have been included. That is, events caused by natural stresses with the earth.

Coalfield events are also included. These are small events occurring near the coal workings and are believed to be caused by the redistribution of stress as the coal is extracted.

5.3 Events excluded

Events that are known, or suspected to be of explosive origin, are excluded from the catalogue. Explosions due to quarrying, mining, weapon testing or disposal, naval exercises, geophysical prospecting and civil engineering are all excluded where possible. Unfortunately, identification by record character, location and time of occurrence is not always positive and some man-made events may have been included in the catalogue or, more rarely, a small natural event may have been excluded.

Acoustic disturbances, such as sonic booms from supersonic aircraft are also excluded although when felt they are included in Table 3. The air-borne waves are readily identified by their slow travel time across an array or by their signature on a microphone.

5.4 Completeness

The contours of detection threshold in Figure 1 show that the whole of the UK is covered by the seismograph network for approximately magnitude 1.5, and above, at times of average ambient noise levels. High noise levels may cause this threshold to rise to about 2.3. Normally, however, an earthquake of this size would be felt if not detected in the areas of poorer instrumental coverage. The catalogue can, therefore, be assumed to be complete for all earthquakes of magnitude 2.3 and above.

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Table 1

CATALOGUE OF EVENTS : 1991

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
010191	074310.7	54.04	-2.56	363.3	461.2	10.2	0.4	GOODBER FELL,LANCS		9	7	175	0.14	1.1	1.4	C	B*C	15KM EAST OF LANCASTER
020191	020921.3	53.02	-2.19	387.1	347.4	3.7	1.1	STOKE-ON-TRENT,STAFFS		5	24	302	0.03	1.1	0.9	C	B*D	
050191	002344.0	53.19	-1.13	458.4	365.9	0.4	1.6	CLIPSTONE,NOTTS		9	28	268	0.31	4.6	4.2	D	C*D	COALFIELD TYPE
050191	113134.8	54.28	-3.15	324.9	488.1	3.1	0.4	WOODLAND FELL,CUMBRIA		4	12	190	0.14	0.0	0.0	C	A*D	NEAR TO BROUGHTON MILLS
080191	013953.8	53.39	-1.17	455.4	388.1	3.9	1.4	FIRBECK,S YORKSHIRE		15	28	213	0.50	2.8	3.4	D	C*D	COALFIELD TYPE
090191	012814.7	51.67	-3.29	310.8	197.4	2.6	1.2	GELIGAER,M GLAMORGAN 3+		6	34	266	0.18	2.6	3.14	D	C*D	FELT EDWARDSVILLE AREA
100191	030009.7	56.12	-3.72	292.8	693.5	0.4	0.7	CLACKMANNAN,CENTRAL		12	19	123	0.17	0.5	0.9	C	B*C	COALFIELD TYPE
110191	060548.5	56.12	-3.69	294.8	693.0	1.7	0.6	FOREST MILL,CENTRAL		6	18	243	0.36	11.3	13.5	D	D*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS
140191	214608.3	54.12	-2.22	385.7	469.7	7.1	0.6	FOUNTAINS FELL,N YORKS		11	23	174	0.19	0.5	1.3	C	B*C	
150191	143216.8	53.31	-1.29	447.2	379.5	5.2	1.6	ECKINGTON,DERBYSHIRE		13	17	198	0.43	2.5	2.7	D	C*D	COALFIELD TYPE
150191	201048.5	56.12	-3.73	292.6	693.4	0.2	0.7	CLACKMANNAN,CENTRAL		12	20	110	0.18	0.6	0.9	C	B*C	COALFIELD TYPE
160191	030831.0	53.37	-1.28	447.9	386.6	0.5	1.4	AUGHTON,S YORKSHIRE		8	21	201	0.27	2.2	1.8	C	B*D	COALFIELD TYPE
170191	060448.2	56.47	-6.09	148.4	738.5	1.0	1.2	MULL,STRATHCLYDE		12109	320	0.62	21.9	15.8	D	D*D		
180191	054516.8	56.12	-3.72	293.3	693.2	1.2	0.8	CLACKMANNAN,CENTRAL		12	19	121	0.27	0.9	1.4	C	B*C	COALFIELD TYPE
180191	150350.4	53.36	-1.61	426.0	384.4	7.7	1.2	SHEFFIELD,S YORKSHIRE		17	12	155	0.50	2.3	4.3	C	C*C	COALFIELD TYPE
190191	062115.4	52.93	-4.37	240.8	339.4	12.9	0.6	LLEYN,GWYNEDD		17	7	98	0.16	0.6	0.7	B	B*B	
200191	170154.8	56.35	-4.72	231.9	720.5	0.5	1.0	INVERARNAN,STRATHCLYDE		12	29	277	0.24	5.9	4.5	D	D*D	
200191	174422.0	56.35	-4.72	232.2	720.9	0.5	1.3	INVERARNAN,STRATHCLYDE		13	29	277	0.26	5.8	4.5	D	D*D	
230191	034230.3	53.67	-1.55	429.7	419.7	0.4	1.5	WAKEFIELD,W YORKSHIRE 3+		19	32	150	0.34	1.5	1.4	C	C*C	COALFIELD TYPE, FELT WAKEFIELD AREA
240191	141028.3	53.14	-1.23	451.5	360.4	0.1	1.6	MANSFIELD,NOTTS		10	24	203	0.22	1.4	1.2	C	B*D	COALFIELD TYPE
240191	180210.7	53.51	-1.85	409.6	400.9	16.9	1.2	WOODHEAD,DERBYSHIRE		15	35	131	0.09	0.5	0.6	B	A*C	
250191	033206.5	56.14	-3.76	290.5	695.5	2.4	0.1	CLACKMANNAN,CENTRAL		4	20	181	0.36	0.0	0.0	D	C*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS
270191	224342.3	53.03	-2.17	388.6	347.7	4.6	1.7	STOKE-ON-TRENT,STAFFS		14	22	160	0.18	0.8	1.4	C	B*C	
280191	105848.7	53.13	-1.24	450.6	359.2	1.8	1.6	MANSFIELD,NOTTS		8	42	236	0.20	5.4	4.1	D	D*D	COALFIELD TYPE
280191	204521.0	55.06	-3.61	297.4	575.5	3.2	1.1	DUMFRIES,D & G		16	31	157	0.29	2.3	4.4	C	B*C	
280191	233527.6	53.16	-1.23	451.2	363.1	4.2	1.0	MANSFIELD,NOTTS		8	22	179	0.20	2.0	4.6	C	B*C	COALFIELD TYPE
290191	031409.8	56.40	-5.54	181.5	728.8	10.7	0.4	OBAN,STRATHCLYDE		5	79	336	0.20	4.0	84.4	D	C*D	5KM SOUTHWEST OF OBAN
290191	100747.3	56.03	-5.29	194.9	686.8	2.6	0.6	LOCH FYNE,STRATHCLYDE		5	40	333	0.02	1.6	1.0	C	B*D	
300191	022228.8	53.03	-2.19	387.3	348.1	2.6	1.6	STOKE-ON-TRENT,STAFFS		22	23	152	0.26	0.9	2.5	C	B*C	
300191	030046.3	53.63	-1.43	437.7	414.5	0.5	1.5	HEMSWORTH,S YORKSHIRE		14	39	162	0.50	1.4	1.7	D	C*C	COALFIELD TYPE
300191	033240.0	54.74	-2.84	345.8	538.8	8.5	0.4	PLUMPTON,CUMBRIA		11	42	102	0.18	0.7	25.6	C	C*C	
300191	062851.3	51.97	-1.60	427.6	230.0	5.9	1.6	OAKHAM,WARWICKSHIRE		16	66	215	0.21	1.3	2.7	C	B*D	
300191	085537.7	56.25	-3.72	293.4	707.6	3.8	0.8	GLENEAGLES,TAYSIDE		19	13	101	0.16	0.4	0.9	C	B*C	
300191	235612.7	56.32	-4.99	215.4	717.7	1.8	0.6	GLEN SHIRA,STRATHCLYDE		8	42	306	0.09	9.6	7.2	D	D*D	
310191	064201.0	53.48	-1.18	454.5	398.5	0.2	1.6	MALTBY,S YORKSHIRE		9	60	169	0.18	1.4	1.8	C	B*D	COALFIELD TYPE
310191	174003.7	54.55	-3.32	314.4	518.4	9.0	0.4	LOWESWATER,CUMBRIA		10	12	121	0.21	1.6	4.6	B	B*B	
010291	055303.3	53.05	-1.95	403.0	350.7	2.6	0.9	IPSTONE,STAFFS		6	36	244	0.10	1.6	1.6	C	B*D	
010291	115726.0	53.13	-1.19	454.1	359.7	1.9	1.6	MANSFIELD,NOTTS		16	44	215	0.35	2.0	2.6	D	C*D	COALFIELD TYPE
030291	025136.6	53.99	-1.17	454.3	455.7	1.9	1.0	YORK,N YORKSHIRE		13	30	266	0.17	3.1	2.1	D	C*D	
050291	072924.6	53.15	-1.28	448.4	361.4	2.8	1.2	SUTTON-N-ASHF'LD,NOTTS		10	21	168	0.24	1.0	2.0	C	B*C	COALFIELD TYPE
050291	102132.4	56.12	-3.73	292.2	692.8	2.1	1.1	CLACKMANNAN,CENTRAL		15	20	84	0.23	0.6	1.0	C	B*C	COALFIELD TYPE
050291	113755.0	53.15	-1.21	452.7	361.6	0.5	1.6	MANSFIELD,NOTTS		9	24	205	0.29	1.8	2.4	C	B*D	COALFIELD TYPE
050291	141906.0	54.43	-2.96	337.9	503.8	0.4	0.6	AMBLESIDE,CUMBRIA		6	9	278	0.15	0.9	0.6	C	B*D	
050291	234847.4	53.40	-1.24	450.7	389.7	2.0	0.8	THURCROFT,S YORKSHIRE		8	25	161	0.12	1.0	1.1	B	A*C	COALFIELD TYPE
070291	221818.7	53.04	-1.10	460.2	349.8	1.0	0.7	CALVERTON,NOTTS		6	36	221	0.57	6.0	9.0	D	D*D	COALFIELD TYPE
080291	062837.1	53.12	-1.19	453.9	358.3	1.0	1.3	MANSFIELD,NOTTS		16	43	290	0.52	4.8	3.4	D	D*D	COALFIELD TYPE
080291	103620.6	56.94	-5.14	209.1	787.8	11.0	1.8	FORT WILLIAM,HIGHLAND		9	97	319	0.29	3.7	2.8	D	C*D	
080291	183739.6	53.29	-2.61	359.2	376.8	7.5	1.1	WEAVERHAM,CHESHIRE		31	60	90	0.26	0.5	1.7	C	B*D	
090291	023744.6	56.13	-3.71	293.9	694.7	2.2	1.2	CLACKMANNAN,CENTRAL		7	29	332	0.09	4.5	3.5	D	C*D	COALFIELD TYPE
090291	082450.2	53.13	-1.17	455.4	359.6	0.3	1.3	MANSFIELD,NOTTS		18	43	215	0.45	3.1	2.0	D	C*D	COALFIELD TYPE
110291	140116.2	51.80	-3.70	283.1	212.5	1.5	0.7	ABERCRAF,POWYS		7	32	154	0.20	2.1	1.9	C	B*C	
110291	160920.6	57.13	-5.02	217.4	808.7	2.1	1.6	GLEN GARRY,HIGHLAND		8109	320	0.30	2.1	1.3	C	B*D		
120291	061706.9	54.93	-1.22	450.0	559.4	2.9	1.5	RYHOPE,TYNE & WEAR		7	64	310	0.20	5.9	7.6	D	D*D	OFFSHORE, COALFIELD TYPE
120291	153905.0	53.13	-1.73	418.2	358.8	9.0	1.9	NEWHAVEN,DERBYSHIRE		17	14	207	0.24	1.2	1.8	C	B*D	
120291	162305.9	59.13	-2.58	366.9	1027.4	1.0	1.2	ORKNEY ISLANDS		7124	346	0.24	11.7	7.5	D	D*D		

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130291	042042.3	53.15	-1.05	463.8	362.4	0.5	0.7	OLLERTON, NOTTS	2+	6	37	231	0.08	1.0	0.9	C A*D	COALFIELD TYPE, FELT EDWINSTOWE
140291	162034.1	53.16	-1.23	451.8	362.9	2.9	1.2	MANSFIELD, NOTTS	3+	6	23	180	0.15	1.4	260.9	C C*C	COALFIELD TYPE, FELT PLEASLEY AREA
140291	203234.6	56.13	-3.73	292.4	694.1	0.5	0.7	CLACKMANNAN, CENTRAL		9	19	126	0.17	0.7	1.1	C B*C	COALFIELD TYPE
140291	211647.0	56.12	-3.72	292.9	693.8	0.7	0.8	CLACKMANNAN, CENTRAL		12	19	85	0.10	0.3	0.5	B A*C	COALFIELD TYPE
150291	131307.4	53.16	-1.24	450.9	363.4	4.4	1.0	MANSFIELD, NOTTS	3+	6	22	180	0.13	1.3	2.7	C B*C	COALFIELD TYPE, FELT PLEASLEY AREA
150291	163013.4	53.32	3.22	747.6	393.1	0.4	2.4	SOUTHERN NORTH SEA		6131	335	0.11	6.9	3.1	D D*D		
150291	190937.7	50.30	-3.85	267.9	46.4	8.3	0.2	BIGBURY, DEVON		10	2	273	0.09	0.8	0.6	C A*D	
150291	230525.2	56.12	-3.71	293.6	693.0	0.7	0.7	CLACKMANNAN, CENTRAL		11	19	120	0.09	0.4	0.6	B A*C	COALFIELD TYPE
170291	180643.7	53.09	-2.17	388.6	354.6	9.0	2.3	STOKE-ON-TRENT, STAFFS		28	23	154	0.31	1.0	1.9	C C*C	9KM NW OF STOKE-ON-TRENT
190291	043657.3	50.16	-5.56	145.6	34.8	3.5	0.0	PENZANCE, CORNWALL		7	2	178	0.55	13.6	4.9	D D*C	NORTHWEST OF PENZANCE
190291	195102.0	55.97	-4.40	250.5	677.8	2.5	1.4	MILNGAVIE, STRATHCLYDE		28	19	130	0.23	0.5	0.7	C B*C	
210291	044100.2	53.15	-1.20	453.3	362.3	0.1	1.2	MANSFIELD, NOTTS	3+	15	24	180	0.41	1.3	1.8	C C*C	COALFIELD TYPE, FELT PLEASLEY AREA
210291	183812.9	53.19	-1.23	451.7	366.0	0.4	1.5	MANSFIELD, NOTTS	3+	7	21	306	0.21	4.3	2.9	D C*D	COALFIELD TYPE, FELT PLEASLEY AREA
240291	004009.2	50.06	-4.51	220.4	20.7	7.4	1.1	DODMAN POINT, CORNWALL		9	43	227	0.20	0.9	1.2	C B*D	20KM SOUTHEAST OF DODMAN POINT
240291	222145.9	56.50	-5.78	167.2	740.2	8.6	0.9	MULL, STRATHCLYDE		9	96	313	0.34	4.9	6.5	D C*D	
250291	105554.3	52.57	-2.65	355.9	296.8	9.7	1.0	CHURCH STRETTON, SHROPS		7	17	221	0.23	3.4	6.6	D C*D	10KM NE CHURCH STRETTON
260291	062011.4	52.96	-4.41	238.1	343.0	21.6	0.9	LLEYN, GWYNEDD		22	3	111	0.18	0.7	1.3	B B*B	LLEYN AFTERSHOCK
270291	040258.4	52.76	-2.39	374.0	318.4	7.2	1.6	NEWPORT, SHROPSHIRE		28	44	108	0.16	0.4	1.0	C B*C	
270291	082101.1	55.87	-3.14	328.8	664.1	1.7	0.3	ROSEWELL, LOTHIAN		6	7	175	0.07	0.6	0.8	B A*C	COALFIELD TYPE
280291	204119.0	56.12	-3.71	293.6	693.7	0.7	1.5	CLACKMANNAN, CENTRAL	3+	18	19	82	0.18	0.4	0.8	C B*C	COALFIELD TYPE, FELT AT BIRK HILL
010391	143347.9	53.14	-1.18	455.2	360.6	0.2	1.6	MANSFIELD, NOTTS	2+	15	27	178	0.35	1.4	1.9	C C*C	COALFIELD TYPE, FELT PLEASLEY AREA
010391	174920.5	56.12	-3.73	292.6	693.1	0.8	1.3	CLACKMANNAN, CENTRAL		19	20	83	0.10	0.2	0.4	B A*C	COALFIELD TYPE
010391	195736.4	55.96	-4.39	250.6	677.2	2.3	0.7	MILNGAVIE, STRATHCLYDE		13	18	129	0.18	0.6	0.9	C B*C	
020391	113040.1	53.20	-1.22	451.9	367.4	5.0	1.6	MANSFIELD, NOTTS	2+	6	21	295	0.59	5.7	4.5	D D*D	COALFIELD TYPE, FELT PLEASLEY AREA
020391	210229.2	53.16	-1.28	448.2	363.3	4.2	1.1	MANSFIELD, NOTTS		8	19	175	0.20	2.7	7.7	C C*C	COALFIELD TYPE, 5KM NW OF MANSFIELD
030391	044641.9	56.48	-5.66	174.5	737.5	9.2	0.8	MULL, STRATHCLYDE		8	88	330	0.32	4.7	70.4	D C*D	
030391	170712.9	56.27	-5.38	190.6	713.5	9.0	0.7	KILMELFORD, STRATHCLYDE		8	61	318	0.11	2.5	47.6	D C*D	
050391	193952.0	56.13	-3.72	293.4	694.2	0.5	0.6	CLACKMANNAN, CENTRAL		9	18	127	0.17	0.5	0.9	C B*C	COALFIELD TYPE
050391	214341.2	55.96	-4.39	250.6	677.1	4.1	1.6	MILNGAVIE, STRATHCLYDE		26	18	129	0.18	0.4	0.8	C B*C	
060391	065002.5	56.13	-3.74	292.1	694.0	0.1	0.9	CLACKMANNAN, CENTRAL		15	20	82	0.23	0.6	1.0	C B*C	COALFIELD TYPE
070391	010040.0	53.46	-2.53	364.8	395.8	0.2	0.8	CULCHETH, CHESHIRE		9	44	327	0.21	6.2	5.3	D D*D	COALFIELD TYPE
070391	143734.6	54.24	-3.40	308.9	483.1	14.9	1.1	WHITBECK, CUMBRIA		19	6	147	0.25	0.9	1.0	C B*C	OFFSHORE LOCATION
080391	023546.1	53.72	-0.93	470.7	425.1	7.2	1.6	GOOLE, HUMBERSIDE		10108	339	0.21	4.8	6.4	D C*D	COALFIELD TYPE	
120391	034521.5	56.12	-3.70	294.1	693.1	0.1	1.4	CLACKMANNAN, CENTRAL		20	19	84	0.21	0.5	0.8	C B*C	COALFIELD TYPE
120391	053903.0	56.13	-3.73	292.6	694.3	0.9	0.9	CLACKMANNAN, CENTRAL		13	19	82	0.14	0.5	0.7	B A*C	COALFIELD TYPE
120391	092126.1	52.99	-3.98	266.8	345.7	16.1	1.0	BL. FFESTINIOG, GWYNEDD		26	2	78	0.13	0.3	0.5	A A*A	
120391	211957.7	51.70	-3.29	310.7	201.0	0.3	0.8	ABERDARE, MID GLAMORGAN		10	34	173	0.08	0.4	0.7	B A*C	7KM SOUTHEAST OF ABERDARE
150391	115817.9	56.13	-3.70	294.1	694.0	1.2	1.7	CLACKMANNAN, CENTRAL		14	18	83	0.10	0.3	0.5	B A*C	COALFIELD TYPE
150391	115851.3	56.13	-3.67	296.4	694.2	0.2	1.5	CLACKMANNAN, CENTRAL		11	17	91	0.14	0.5	0.8	B A*C	COALFIELD TYPE
150391	134343.4	53.23	-1.77	415.3	370.0	0.3	1.4	TADDINGTON, DERBYSHIRE		7	17	188	0.47	5.4	10.7	D D*D	COALFIELD TYPE
150391	233210.8	53.10	-1.00	467.3	357.0	1.0	0.5	BILSTHORPE, NOTTS		11	32	159	0.47	1.9	2.6	C C*C	COALFIELD TYPE
180391	195521.2	56.15	-3.68	295.9	695.9	0.2	1.1	CLACKMANNAN, CENTRAL		8	32	212	0.17	1.6	1.5	C B*D	COALFIELD TYPE
180391	225234.1	56.12	-3.73	292.7	693.6	0.1	1.3	CLACKMANNAN, CENTRAL		17	19	80	0.12	0.3	0.5	B A*C	COALFIELD TYPE
200391	022049.8	52.89	-4.95	201.4	336.2	7.3	1.7	LLEYN, GWYNEDD		16	23	261	0.14	1.1	1.9	C B*D	
200391	170821.6	50.22	-5.26	167.5	40.6	1.8	0.8	CAMBORNE, CORNWALL	2+	12	4	311	0.05	0.7	1.1	C A*D	MINING INDUCED, FELT CAMBORNE
210391	011222.4	56.56	-5.19	204.3	745.2	1.5	0.6	GLEN CRERAN, STRATHCLYDE		12	66	290	0.34	9.9	6.9	D D*D	
210391	024504.6	58.09	1.07	581.2	914.7	9.9	3.2	CENTRAL NORTH SEA		24207	234	0.19	1.8	1.8	C B*D		
210391	131743.0	58.11	1.04	579.3	917.1	14.1	2.8	CENTRAL NORTH SEA		24206	233	0.48	4.6	4.9	D C*D		
210391	203235.8	56.13	-3.70	294.4	693.9	0.8	1.7	CLACKMANNAN, CENTRAL		23	18	83	0.21	0.5	0.8	C B*C	COALFIELD TYPE
230391	001749.5	51.70	-3.30	310.6	201.4	0.2	1.0	BARGOED, MID GLAMORGAN		13	35	93	0.15	0.7	1.2	C B*C	NORTHWEST OF BARGOED
230391	004656.6	53.53	-1.11	458.7	404.3	0.2	2.0	DONCASTER, S YORKSHIRE		15	41	202	0.27	1.3	1.2	C B*D	COALFIELD TYPE
250391	184719.9	56.12	-3.70	294.2	693.6	1.0	1.7	CLACKMANNAN, CENTRAL		19	18	83	0.07	0.2	0.3	B A*C	COALFIELD TYPE
270391	215326.5	56.12	-3.70	294.1	693.4	0.6	1.4	CLACKMANNAN, CENTRAL		17	19	84	0.07	0.2	0.3	B A*C	COALFIELD TYPE
280391	015059.2	51.46	-3.51	295.1	174.8	9.6	2.2	BRISTOL CHANNEL		18	53	123	0.18	0.7	2.0	C B*D	
280391	090907.1	56.12	-3.73	292.6	693.2	0.8	1.1	CLACKMANNAN, CENTRAL		10	20	130	0.11	0.4	0.7	B A*C	COALFIELD TYPE
290391	030218.3	56.17	-3.73	292.8	698.9	0.2	0.6	DOLLAR, CENTRAL		9	16	145	0.21	0.9	1.5	C B*C	COALFIELD TYPE

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290391	092748.0	55.88	-6.15	140.4	673.4	3.2	2.1	ISLAY, STRATHCLYDE	23	69	248	0.26	2.0	2.9	C	B*D		
290391	133813.1	56.12	-3.71	293.4	693.2	0.9	1.8	CLACKMANNAN, CENTRAL	3+	23	19	79	0.14	0.3	0.5	B	A*C	COALFIELD TYPE, FELT CLACKMANNAN AREA
310391	135607.6	56.27	-4.22	262.8	711.2	0.5	0.8	STRATHYRE, CENTRAL		6	12	235	0.39	4.5	3.2	D	C*D	
010491	180813.5	55.95	-4.17	264.3	675.2	5.5	0.7	KIRKINTILLOCH, S'CLYDE		17	6	87	0.08	0.3	0.4	B	A*B	
020491	140323.5	56.16	-3.64	298.3	697.6	0.0	0.9	BLAIRINGONE, TAYSIDE		9	13	112	0.13	0.6	0.9	B	A*C	COALFIELD TYPE
030491	011612.8	56.97	-4.94	221.1	790.4	1.5	0.7	LOCH LOCHY, HIGHLAND		8	94	315	0.38	29.8	22.3	D	D*D	MAGNITUDE FROM VERTICALS
030491	194555.4	52.14	-3.02	330.1	249.4	14.9	0.7	EARDISLEY, HEREFORD		5	16	220	0.15	0.6	0.6	C	B*D	
040491	041642.5	51.68	-3.06	326.5	198.3	0.2	2.1	PONTYWAUN, GWENT		25	18	128	0.40	0.6	1.0	C	C*C	
040491	200957.8	56.15	-3.69	295.1	696.7	16.9	1.2	DOLLAR, CENTRAL		9	16	130	0.13	0.9	1.8	B	A*B	COALFIELD TYPE
050491	183612.0	58.34	1.00	575.5	943.4	9.5	3.1	CENTRAL NORTH SEA		24211	238	0.25	2.6	2.6	D	C*D		
060491	051430.8	52.95	-4.41	238.2	342.3	23.7	1.8	LLEYN, GWYNEDD		10	20	216	0.06	0.6	0.7	C	A*D	LLEYN AFTERSHOCK
070491	230742.0	55.62	-3.39	312.4	637.1	6.7	0.5	BROUGHTON, BORDERS		10	25	190	0.19	2.5	3.2	D	C*D	
140491	084354.3	56.25	-3.73	292.7	707.7	5.6	0.4	GLENEAGLES, TAYSIDE		9	14	123	0.12	0.6	0.9	B	A*C	
140491	141817.2	56.25	-3.73	292.9	707.7	5.8	1.5	GLENEAGLES, TAYSIDE		15	14	103	0.12	0.4	0.8	B	A*C	
140491	152848.4	62.53	1.85	598.1	1411.6	25.0	2.2	NORTHERN NORTH SEA		6270	355	0.27	58.1	90.2	D	D*D		
140491	194552.1	54.22	-2.79	348.6	481.2	2.8	0.9	MILNTHORPE, CUMBRIA		13	16	112	0.11	0.4	1.3	B	A*C	COLLAPSE TYPE EVENT
150491	003354.6	56.43	-5.63	176.4	732.1	6.0	2.1	OBAN, STRATHCLYDE		20	84	306	0.31	3.2	5.2	D	C*D	
150491	222804.3	56.07	-4.49	245.0	689.2	1.0	0.0	DRYMEN, CENTRAL		6	16	183	0.36	3.9	4.5	D	C*D	MAGNITUDE FROM VERTICALS
170491	004909.8	55.29	-3.14	327.9	600.1	2.9	0.6	ESKDALEMUIR, D & G		4	5	233	0.13	0.0	0.0	C	A*D	
170491	084354.4	56.24	-3.73	292.6	707.2	3.3	0.6	GLENEAGLES, TAYSIDE		7	14	172	0.08	0.6	2.1	C	B*C	
180491	054947.7	56.12	-3.72	293.3	693.5	1.5	1.7	CLACKMANNAN, CENTRAL		19	19	81	0.13	0.3	0.5	B	A*C	COALFIELD TYPE
180491	120705.0	55.96	-4.38	251.3	677.2	5.6	1.0	MILNEGAVIE, STRATHCLYDE		14	18	126	0.12	0.4	1.2	B	A*C	
190491	030446.6	54.31	-2.96	337.3	490.5	2.5	0.7	RUSLAND, CUMBRIA		11	8	102	0.24	0.9	1.4	B	B*B	BY LAKE WINDERMERE
190491	034827.2	54.77	-1.29	445.5	541.9	1.1	1.6	PETERLEE, CO DURHAM		7	50	317	0.16	9.5	6.8	D	D*D	COALFIELD TYPE
190491	200455.4	56.10	-3.68	295.3	691.1	0.5	0.4	CLACKMANNAN, CENTRAL		6	20	150	0.26	2.4	3.1	C	B*C	COALFIELD TYPE
200491	033202.1	53.16	-1.38	441.4	363.1	0.2	0.4	PILSLEY, NOTTS		6	14	218	0.46	2.4	2.2	D	C*D	COALFIELD TYPE, 7KM NW OF SUTTON-IN-ASHFIELD
200491	105753.4	60.21	-1.20	444.1	1146.9	3.9	1.2	SHETLAND ISLANDS		5	8	159	0.01	0.1	0.4	C	A*D	
220491	151048.0	52.00	-3.68	284.5	235.1	5.9	0.6	HALFWAY, DYPED		8	30	134	0.12	0.7	1.4	B	A*C	6KM EAST OF LLANDOVERY
220491	200005.0	54.30	-2.54	364.9	489.2	6.0	0.1	SEDBERGH, CUMBRIA		5	9	250	0.04	1.3	0.9	C	B*D	
220491	205718.9	53.22	-1.02	465.3	369.3	1.0	0.7	OLLERTON, NOTTS		6	34	283	0.21	13.2	9.2	D	D*D	COALFIELD TYPE
220491	234126.5	56.12	-3.74	291.8	692.7	1.0	0.7	CLACKMANNAN, CENTRAL		7	21	133	0.15	0.9	1.5	C	B*C	COALFIELD TYPE
240491	031403.0	53.32	-2.83	344.6	380.4	8.1	1.6	SPEKE, MERSEYSIDE		29	54	74	0.24	0.5	1.8	C	B*D	
240491	093718.4	56.31	-4.43	250.0	715.5	7.1	1.9	STRATHYRE, CENTRAL		25	14	161	0.28	0.8	1.3	C	B*C	
240491	103249.5	57.19	3.20	713.8	822.7	5.0	2.3	CENTRAL NORTH SEA		7384	349	0.47	0.0	0.0	D	D*D	WEAKLY RECORDED	
250491	123219.0	56.12	-3.72	293.3	693.2	0.7	1.6	CLACKMANNAN, CENTRAL		12	19	129	0.10	0.3	0.5	B	A*C	COALFIELD TYPE
250491	162747.2	60.34	1.62	600.0	1167.2	10.6	4.2	NORTHERN NORTH SEA		24151	129	0.54	2.4	4.4	D	D*D		
250491	233217.1	53.28	-0.89	474.2	376.0	0.2	0.6	ASKAM, NOTTS		4	43	298	0.12	0.0	0.0	C	A*D	COALFIELD TYPE
270491	023116.3	54.30	-2.53	365.2	489.1	6.0	0.2	SEDBERGH, CUMBRIA		6	9	252	0.06	1.3	0.8	C	B*D	
010591	192800.5	56.12	-3.72	292.8	693.2	1.3	1.1	CLACKMANNAN, CENTRAL		13	20	80	0.10	0.3	0.5	B	A*C	COALFIELD TYPE
040591	161519.2	56.12	-3.74	292.0	693.4	1.3	1.0	CLACKMANNAN, CENTRAL		10	20	131	0.06	0.2	0.4	B	A*C	COALFIELD TYPE
040591	170223.9	56.24	-3.74	292.2	706.9	4.8	0.5	GLENEAGLES, TAYSIDE		10	14	125	0.16	0.7	1.4	C	B*C	
060591	183432.5	56.49	-3.67	297.3	734.7	0.5	0.2	LOGIEALMOND, TAYSIDE		6	4	215	0.41	9.8	8.3	D	D*D	
070591	153131.1	56.44	-4.52	244.4	730.4	1.0	0.8	CRANLARICH, CENTRAL		7	30	285	0.18	31.7	23.9	D	D*D	
070591	153310.8	56.45	-4.58	240.9	732.1	2.8	1.6	CRANLARICH, CENTRAL		15	33	255	0.30	1.9	2.2	D	C*D	
070591	155017.0	56.45	-4.56	242.2	731.4	3.1	0.5	CRANLARICH, CENTRAL		8	32	289	0.14	4.8	9.5	D	C*D	MAGNITUDE FROM VERTICALS
070591	232720.6	56.48	-4.61	239.4	735.1	2.3	1.7	CRANLARICH, CENTRAL		30	37	181	0.40	1.2	1.2	D	C*D	
080591	044224.1	53.47	-1.31	445.8	396.8	0.2	1.6	SWINTON, S YORKSHIRE		7	28	201	0.16	2.6	1.4	D	C*D	COALFIELD TYPE, 7KM NE OF ROTHERHAM
090591	203737.8	54.78	-3.01	335.1	543.3	7.3	0.6	SEBERGHAM, CUMBRIA		10	44	123	0.29	0.9	3.3	C	B*C	
120591	215608.1	52.73	-2.05	396.6	314.7	0.5	1.6	COPPICE FARM, STAFFS	2+	7	35	158	0.41	3.3	3.9	C	C*C	COALFIELD TYPE, FELT CANNOCK
150591	173029.7	53.46	-1.21	452.4	396.6	0.5	1.4	CLIFTON, S YORKSHIRE		9	31	170	0.44	2.4	3.1	C	C*C	COALFIELD TYPE
150591	175827.7	56.13	-3.74	291.6	694.6	0.2	1.0	CLACKMANNAN, CENTRAL		9	20	102	0.13	0.7	0.5	B	A*C	COALFIELD TYPE
170591	011037.7	53.19	-1.81	412.5	365.6	0.1	0.8	HIGH NEEDHAM, DERBS		6	19	183	0.18	1.1	1.2	C	B*D	COALFIELD TYPE
170591	034020.3	54.55	-0.17	518.1	518.9	1.8	1.6	WHITBY, N YORKSHIRE		8136	300	0.28	9.1	6.2	D	D*D	OFFSHORE LOCATION	
170591	220253.4	53.28	-1.88	408.1	375.5	0.5	1.2	BUXTON, DERBYSHIRE		8	23	135	0.44	2.3	2.8	C	C*C	COALFIELD TYPE
180591	185024.4	53.13	-1.27	449.1	359.4	3.2	0.0	SUTTON-IN-ASHF'D, NOTTS		4	22	163	0.11	0.0	0.0	C	A*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS
190591	011146.2	56.41	-4.81	226.4	728.2	3.1	1.2	TYNDRUM, CENTRAL		21	39	266	0.26	1.6	1.8	C	B*D	

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190591	092044.7	51.70	-3.31	309.6	201.5	0.2	0.8	BARGOED,MID GLAMORGAN	7	35	239	0.07	0.7	1.4	C	A*D	NORTHWEST OF BARGOED
200591	032530.3	53.20	-1.25	449.9	366.8	8.4	1.3	GLAPWELL,NOTTS	8	20	200	0.42	3.5	23.5	D	C*D	COALFIELD TYPE, 6KM NNW OF MANSFIELD
200591	125902.1	54.74	-3.40	309.7	539.1	9.6	1.5	ALLERBY,CUMBRIA	20	27	87	0.25	0.7	3.0	C	B*C	
200591	194534.2	51.71	-3.01	330.3	201.5	7.0	0.8	PONTYPOOL,GWENT	5	16	218	0.23	3.9	10.3	D	C*D	
210591	031423.0	56.25	-3.72	293.3	707.6	5.1	0.4	GLENEAGLES,TAYSIDE	9	13	123	0.09	0.4	0.7	B	A*C	
210591	232215.9	53.34	-2.78	348.0	383.1	10.9	1.3	WIDNES,CHESHIRE	33	51	67	0.28	0.6	2.5	C	B*D	
220591	000520.5	53.17	-1.23	451.7	364.4	2.7	1.1	PLEASLEY,NOTTS	13	22	264	0.40	2.7	3.6	D	C*D	COALFIELD TYPE, 6KM NE OF MANSFIELD
220591	040518.9	53.14	-1.22	452.2	360.6	1.6	1.5	MANSFIELD,NOTTS	7	24	204	0.11	0.9	0.9	C	A*D	COALFIELD TYPE
220591	175338.3	53.16	-1.31	446.2	362.4	1.0	1.2	STANLEY,NOTTS	14	18	233	0.55	3.7	3.4	D	D*D	COALFIELD TYPE, 7KM WNW OF MANSFIELD
230591	003811.6	56.12	-3.72	292.9	693.5	1.6	1.4	CLACKMANNAN,CENTRAL	20	19	80	0.10	0.2	0.4	B	A*C	COALFIELD TYPE
230591	071733.5	56.25	-3.72	293.4	707.5	6.0	0.3	GLENEAGLES,TAYSIDE	8	13	123	0.07	0.4	0.6	B	A*C	
250591	053802.7	53.14	-1.33	445.0	360.5	0.2	1.3	TIBSHELF,NOTTS	22	19	212	0.41	1.5	1.6	D	C*D	COALFIELD TYPE, 7KM WEST OF MANSFIELD
280591	033904.0	55.33	-3.76	288.4	605.2	2.7	0.7	SANQUHAR,D & G	20	35	144	0.41	1.7	3.7	C	C*C	
280591	175001.6	53.14	-1.28	447.9	360.8	3.9	1.2	STANTON HILL,NOTTS	12	21	234	0.30	1.7	2.5	C	B*D	COALFIELD TYPE, FELT SHIREBROOK
290591	032026.5	54.45	-2.14	390.8	506.5	1.0	0.9	BOWES MOOR,CO DURHAM	8	37	310	0.32	3.9	3.1	D	C*D	COLLAPSE TYPE EVENT, NEAR OLD MINE WORKINGS
300591	035702.3	56.00	-4.41	249.6	681.2	2.9	0.1	QUINLOCH MUIR,CENTRAL	4	20	223	0.02	0.0	0.0	C	A*D	MAGNITUDE FROM VERTICALS
310591	052914.0	53.20	-1.20	453.7	367.1	2.5	1.1	WARSOP PARK FARM,NOTTS	8	23	196	0.23	1.6	1.8	C	B*D	COALFIELD TYPE, 7KM NORTH OF MANSFIELD
010691	202605.4	56.47	-4.59	240.6	734.1	3.0	0.9	CRANLARICH,CENTRAL	6	35	296	0.26	7.4	13.2	D	D*D	
010691	202635.1	56.46	-4.53	244.3	732.9	3.7	0.9	CRANLARICH,CENTRAL	6	33	290	0.31	1.6	3.1	D	C*D	
010691	221805.8	56.46	-4.55	212.7	732.3	1.7	1.0	CRANLARICH,CENTRAL	7	33	288	0.21	5.2	3.7	D	D*D	
040691	002750.5	53.18	-1.20	453.2	365.3	1.0	1.3	LITTLEWOOD,NOTTS	12	23	190	0.16	0.7	0.9	C	B*D	COALFIELD TYPE, 5KM NORTH OF MANSFIELD
040691	030914.2	56.13	-3.72	293.2	694.0	1.0	0.6	CLACKMANNAN,CENTRAL	12	19	81	0.07	0.2	0.4	B	A*C	COALFIELD TYPE
040691	030936.7	56.12	-3.72	293.2	693.6	1.8	1.2	CLACKMANNAN,CENTRAL	13	19	81	0.10	0.3	0.5	B	A*C	COALFIELD TYPE
050691	015337.3	53.27	-1.28	447.9	374.8	1.4	1.0	CLOWNE,DERBYSHIRE	6	16	277	0.09	2.3	1.7	C	B*D	COALFIELD TYPE
060691	001540.1	53.16	-1.27	448.3	352.6	0.2	0.9	TEVERSAL,NOTTS	11	20	241	0.37	3.3	2.7	D	C*D	COALFIELD TYPE, 5KM WEST OF MANSFIELD
060691	062955.9	53.14	-1.42	438.7	350.1	0.4	1.3	STRETTON,DERBYSHIRE	9	15	248	0.14	2.8	1.9	D	C*D	COALFIELD TYPE
060691	214550.4	58.15	1.12	583.6	922.6	8.2	2.5	CENTRAL NORTH SEA	22211	243	0.17	1.9	1.8	C	B*D		
060691	232454.2	53.16	-1.30	446.8	363.2	0.5	1.2	DOVEDALE,NOTTS	13	18	270	0.43	4.5	3.5	D	C*D	COALFIELD TYPE, 5KM NW OF MANSFIELD
070691	002913.0	52.62	-1.21	453.3	302.5	17.9	1.1	LEICESTER,LEICS	15	15	145	0.17	0.7	0.6	C	B*C	LEICESTER FOREST AREA
070691	170133.5	57.40	-6.25	144.9	842.3	0.8	1.9	SKYE,HIGHLAND	14113	273	0.38	3.9	2.4	D	C*D		
070691	195657.1	53.17	-1.24	450.9	363.5	10.0	0.6	PLEASLYHILL,NOTTS	8	22	180	0.25	2.4	12.1	C	C*C	COALFIELD TYPE, 4KM NW OF MANSFIELD
070691	231815.8	53.14	-1.32	445.6	360.7	2.6	0.4	MARLPITS FARM,NOTTS	6	19	227	0.13	1.52211	D	C*D	COALFIELD TYPE, 7KM WEST OF MANSFIELD	
100691	072812.1	54.49	-3.13	327.1	510.6	6.1	0.6	STAKE PASS,CUMBRIA	15	22	128	0.25	0.9	1.3	C	B*C	
120691	044618.9	54.80	-1.24	448.5	544.8	0.4	1.5	SEAHAM,CO DURHAM	6	63	316	0.07	8.0	5.5	D	D*D	COALFIELD TYPE
120691	083541.2	53.16	-1.20	453.4	363.4	0.5	1.0	MANSFIELD,NOTTS	8	24	184	0.16	0.6	0.7	C	B*D	COALFIELD TYPE, WOODHOUSE AREA
120691	173935.6	53.13	-1.34	444.0	359.4	0.3	0.8	NEWTON,NOTTS	5	19	219	0.16	2.1	2.9	C	B*D	COALFIELD TYPE, 5KM WEST OF SUTTON-IN-ASHFIELD
130691	044040.8	53.11	-1.22	452.2	357.6	2.7	0.5	MANSFIELD,NOTTS	7	26	241	0.34	3.0	5.6	D	C*D	COALFIELD TYPE, COXMOOR HOUSE AREA
130691	202355.7	56.12	-3.72	293.2	693.5	0.9	1.3	CLACKMANNAN,CENTRAL	14	19	81	0.13	0.4	0.6	B	A*C	COALFIELD TYPE
140691	003437.1	53.16	-1.23	451.7	362.7	2.7	1.4	MANSFIELD,NOTTS	13	23	179	0.25	1.0	2.3	C	B*C	COALFIELD TYPE, NEW ENGLAND AREA
160691	055415.8	52.43	-3.41	304.0	282.7	13.1	2.8	NEWTOWN,POWYS	29	37	64	0.29	0.7	1.1	C	B*C	FELT NEWTOWN AREA
160691	083711.3	56.07	-4.88	221.0	690.7	4.0	2.0	ARDENTINNY,STRATHCLYDE3+	13	27	210	0.15	1.2	1.3	C	B*D	FELT CLYNDER (3 MSK)
170691	022842.6	53.16	-1.25	450.4	362.4	3.9	0.7	MANSFIELD,NOTTS	8	22	175	0.30	2.2	6.2	C	C*C	COALFIELD TYPE, MOORHAIG FARM AREA
170691	214209.2	53.21	-1.19	454.1	368.7	0.5	1.2	SHIREBROOK,NOTTS	11	23	203	0.36	2.0	2.1	D	C*D	COALFIELD TYPE
180691	235710.8	53.19	-1.20	453.6	366.5	0.5	0.6	SHIREBROOK,NOTTS	6	23	195	0.10	1.1	0.9	C	B*D	COALFIELD TYPE
190691	220709.6	51.55	-3.18	318.1	184.4	10.5	1.2	CAERPHILLY,M GLAMORGAN	11	28	130	0.09	0.6	1.7	B	A*C	
200691	010851.3	53.20	-1.20	453.6	367.7	0.4	1.3	SHIREBROOK,NOTTS	13	23	199	0.21	0.8	0.9	C	B*D	COALFIELD TYPE
200691	152210.5	53.15	-1.37	441.9	361.1	0.6	0.7	MORTON,DERBYSHIRE	6	16	214	0.14	1.8	1.9	C	B*D	COALFIELD TYPE, FELT CLAY CROSS AREA
210691	024636.4	53.21	-1.20	453.2	369.0	0.2	0.8	SHIREBROOK,NOTTS	6	22	266	0.49	5.9	4.9	D	D*D	COALFIELD TYPE
210691	060203.4	53.19	-1.09	460.6	366.6	1.0	1.2	EDWINSTOWE,NOTTS	8	30	203	0.23	1.7	1.9	C	B*D	COALFIELD TYPE
210691	225658.0	53.21	-1.19	453.9	368.9	2.5	1.2	SHIREBROOK,NOTTS	12	23	203	0.36	1.9	2.2	D	C*D	COALFIELD TYPE
220691	030623.5	56.12	-3.72	293.0	693.6	0.8	1.1	CLACKMANNAN,CENTRAL	13	19	80	0.04	0.1	0.2	B	A*C	COALFIELD TYPE
220691	031703.4	56.12	-3.70	294.0	693.7	0.2	1.1	CLACKMANNAN,CENTRAL	12	18	85	0.17	0.5	0.8	C	B*C	COALFIELD TYPE
270691	155928.4	55.24	-1.66	421.4	593.7	1.9	0.9	HEBRON,NORTHUMBERLAND	4	47	273	0.03	0.0	0.0	C	A*D	
270691	162553.8	52.10	-2.61	358.4	244.6	14.7	2.2	WESTHIDE,HER & WORC	18	8	80	0.15	0.5	0.6	B	B*A	8KM NORTHEAST OF HEREFORD
300691	204557.4	55.86	-3.11	330.8	663.8	1.0	0.2	LASSWADE,LOTHIAN	6	8	195	0.04	1.3	1.1	C	B*D	COALFIELD TYPE
010791	171627.1	52.97	-4.39	239.3	344.3	22.8	1.1	LLEYN GWYNEDD	22	2	83	0.13	0.5	0.7	A	A*A	LLEYN AFTERSHOCK

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030791	004621.5	51.79	-2.32	378.1	210.2	14.9	1.2	RODLEY, GLOUCESTERSHIRE	4	32	273	0.04	0.0	0.0	C	A*D	7KM SW OF GLOUCESTER
040791	202704.1	57.47	-5.43	194.3	847.6	0.8	0.8	TORRIDON, HIGHLAND	6	9	194	0.02	0.3	0.2	C	A*D	
050791	134150.4	59.16	-2.97	344.5	51031.3	0.5	1.3	NORTHERN NORTH SEA	6136	346	0.10	3.1	1.1	D	C*D		
080791	012742.9	54.81	-1.29	445.8	546.1	0.4	1.4	SEAHAM, CO DURHAM	20	60	252	0.30	2.1	1.5	C	B*D	COALFIELD TYPE
100791	121352.6	55.17	-3.41	309.9	587.5	0.1	0.8	JOHNSTONEBRIDGE, D & G	14	18	244	0.17	1.4	1.1	C	B*D	
120791	034818.8	55.12	-3.57	299.6	581.9	4.6	0.6	LOCHARBRIGGS, D & G	10	29	257	0.22	2.1	3.1	C	B*D	
210791	085719.3	56.21	-5.03	212.1	705.6	1.0	0.9	INVERARAY, STRATHCLYDE	7	43	318	0.64	26.3	19.9	D	D*D	
240791	140037.3	55.58	-3.14	328.1	632.9	3.6	0.6	INNERLEITHEN, BORDERS	8	22	138	0.30	2.9	7.6	C	C*C	
290791	031140.6	53.40	-1.61	425.7	388.8	8.6	0.9	BRADFIELD MOOR, S YORKS	15	23	126	0.38	1.5	10.8	C	C*C	
010891	012040.1	53.18	-1.17	455.8	364.7	0.1	1.0	MANSFIELD, NOTTS	15	45	159	0.11	0.4	0.6	B	A*C	COALFIELD TYPE
020891	011143.3	55.30	-3.12	329.1	601.5	2.9	0.6	CRAIK MUIR, D & G	4	6	258	0.05	0.0	0.0	C	A*D	
030891	015204.7	55.10	-3.64	295.6	579.8	4.0	1.3	DUMFRIES, D & G	7	33	160	0.21	2.8	9.3	C	C*C	
030891	032049.6	53.33	-4.28	248.1	383.8	18.4	0.1	MOELFRE, ANGLESEY	8	8	252	0.05	0.6	0.5	C	A*D	
030891	041422.1	56.25	-3.72	293.2	707.4	5.9	0.3	GLENEAGLES, TAYSIDE	10	13	123	0.11	0.5	0.9	B	A*C	
030891	045547.2	55.09	-3.52	302.9	578.5	0.2	0.7	DUMFRIES, D & G	11	27	295	0.37	4.1	3.0	D	C*D	
030891	165202.8	53.08	-4.41	238.2	356.5	12.9	0.7	CAERNARVON BAY, GWYNEDD	21	11	123	0.10	0.3	0.3	B	A*B	
040391	183457.1	56.32	-4.44	249.4	717.1	3.3	2.8	BALQUHIDDER, CENTRAL 3+	27	16	125	0.15	0.4	0.8	B	A*C	FELT BALQUHIDDER, TYNDRUM, CRIANLARICH, ...
060391	120416.5	55.10	-3.58	299.3	579.9	3.2	1.6	DUMFRIES, D & G	26	30	168	0.39	1.3	2.7	C	C*C	
070391	122219.5	55.10	-3.61	297.1	579.3	2.5	1.7	DUMFRIES, D & G	26	32	64	0.39	0.8	1.8	C	C*C	
070391	132644.6	53.85	-0.92	471.2	439.8	0.8	1.9	ELLERTON, HUMBERSIDE	10108	336	0.30	14.2	10.1	D	D*D		
070391	143252.9	53.30	-1.70	419.7	378.7	2.1	1.6	TIDESWELL, DERBYSHIRE	18	29	153	0.20	0.9	0.8	C	B*C	
080391	072556.4	52.96	-4.39	239.4	342.5	22.3	1.1	LLEYN, GWYNEDD	21	4	179	0.09	0.4	0.6	B	A*C	LLEYN AFTERSHOCK
090391	181637.3	54.67	-3.10	328.8	531.1	10.1	1.1	SKIDDAW, CUMBRIA	18	31	74	0.25	0.7	9.4	C	C*C	
100391	163917.3	56.28	-4.27	259.4	712.4	5.1	0.5	BALQUHIDDER, CENTRAL	4	11	217	0.12	0.0	0.0	C	A*D	SOUTHEAST OF BALQUHIDDER
100391	173341.1	54.56	-2.87	343.5	513.7	8.1	1.1	MARTINDALE, CUMBRIA	20	22	65	0.30	0.9	17.3	C	C*C	
110391	230747.1	60.36	1.37	585.8	1169.0	1.0	2.1	NORTHERN NORTH SEA	6136	336	0.29	12.2	5.2	D	D*D		
120891	131302.5	56.68	-5.57	181.4	759.9	1.5	1.0	LOCH SUNART, HIGHLAND	8	94	330	0.16	7.0	5.1	D	D*D	MAGNITUDE FROM VERTICALS
130391	032056.6	55.38	-6.01	146.2	616.8	3.5	1.5	KINTYRE, STRATHCLYDE	19	26	216	0.31	1.7	2.2	D	C*D	OFFSHORE LOCATION, WEST OF KINTYRE
130391	043623.0	55.93	-4.26	259.0	672.6	2.6	1.0	MILNGAVIE, STRATHCLYDE	19	12	123	0.07	0.2	0.8	B	A*C	
130391	045048.7	55.93	-4.26	259.0	672.6	2.7	0.2	MILNGAVIE, STRATHCLYDE	13	12	123	0.06	0.2	1.1	B	A*C	
140891	015504.6	50.09	-5.11	177.3	25.4	1.7	-0.5	HELFPORD, CORNWALL	13	5	224	0.02	0.2	0.7	C	A*D	SOUTHEAST OF HELFPORD
140891	132241.2	52.05	-3.53	294.7	240.3	14.9	2.3	BRECON, POWYS	20	18	135	0.17	0.6	0.5	B	B*B	15KM NORTHWEST OF BRECON
140891	152632.7	50.09	-5.11	177.2	25.4	1.5	0.6	HELFPORD, CORNWALL	13	5	223	0.03	0.3	1.3	C	A*D	SOUTHEAST OF HELFPORD
160891	161715.3	57.31	-6.05	156.4	831.5	5.4	1.2	SKYE, HIGHLAND	9	24	131	0.06	0.4	0.6	B	A*C	
160891	190711.7	56.13	-3.72	293.4	694.6	0.9	1.5	CLACKMANNAN, CENTRAL	20	18	81	0.21	0.5	0.8	C	B*C	COALFIELD TYPE
160891	235813.9	56.32	-4.40	251.7	716.4	2.7	1.4	BALQUHIDDER, CENTRAL	25	15	105	0.34	0.8	1.7	C	C*C	AFTERSHOCK
170891	050223.1	53.76	-2.80	347.5	429.9	7.1	0.9	LIFTON, LANCASHIRE	12	8	240	0.14	1.3	0.8	C	B*D	
180891	022607.5	55.97	-4.38	251.4	677.5	2.3	0.3	MILNGAVIE, STRATHCLYDE	6	18	204	0.29	2.1	1.8	C	B*D	
190891	104218.8	57.14	-5.48	189.8	810.7	7.7	0.5	GLENSHIEL, HIGHLAND	7	8	199	0.05	0.7	1.3	C	A*D	
220891	024149.0	52.93	-2.34	377.0	337.2	14.9	1.2	MARKET DRAYTON, SHROPS	14	35	145	0.19	1.0	1.1	C	B*C	8KM NORTHEAST OF MARKET DRAYTON
220891	183733.8	51.90	-4.18	250.4	224.3	7.8	1.7	CARMARTHEN, DYFED	22	17	90	0.28	0.6	1.2	C	B*C	8KM NNE OF CARMARTHEN
230891	073455.5	56.13	-3.72	293.4	694.3	0.5	1.3	CLACKMANNAN, CENTRAL	16	18	81	0.11	0.3	0.5	B	A*C	COALFIELD TYPE, SMALL FORESHOCK 5.2 SECS EARLIER
240891	070253.4	62.10	1.97	607.2	21364.6	1.0	2.1	NORTHERN NORTH SEA	6238	353	0.08	8.1	6.5	D	D*D		
260891	142123.3	60.46	-1.41	432.2	21175.4	13.8	0.9	SHETLAND ISLANDS	7	21	216	0.02	0.4	0.8	C	A*D	
260891	234222.8	50.18	-5.15	174.8	36.0	3.8	-1.0	ROSEMANOWES, CORNWALL	9	2	161	0.03	0.3	0.4	B	A*C	
040991	180833.4	53.38	-1.19	453.9	387.0	1.1	1.8	DINNIGTON, S YORKSHIRE 2+	24	26	169	0.23	0.7	1.0	C	B*C	COALFIELD TYPE, FELT MICKLEBRING
060991	030443.4	52.97	-4.41	238.2	344.1	24.5	0.8	LLEYN, GWYNEDD	15	2	114	0.06	0.3	0.4	B	A*B	LLEYN AFTERSHOCK
060991	200428.8	56.12	-3.72	293.0	693.6	1.7	1.3	CLACKMANNAN, CENTRAL	18	19	80	0.16	0.4	0.7	C	B*C	COALFIELD TYPE
060991	231023.1	50.31	-5.55	147.7	51.9	2.9	0.7	ST IVES, CORNWALL	12	18	286	0.03	1.0	36.0	D	C*D	NORTHWEST OF ST IVES
080991	080950.3	53.10	-4.63	223.7	359.3	15.4	0.9	CAERNARVON BAY, GWYNEDD	19	17	191	0.12	0.5	1.0	C	A*D	
090991	213244.4	56.13	-3.73	292.3	693.9	1.5	0.7	CLACKMANNAN, CENTRAL	10	19	129	0.12	0.4	0.8	B	A*C	COALFIELD TYPE
100991	200220.2	56.12	-3.75	291.3	693.8	0.6	0.3	CLACKMANNAN, CENTRAL	4	20	234	0.12	0.0	0.0	C	A*D	COALFIELD TYPE, MAGNITUDE FROM VERTICAL
110991	004843.5	53.14	-1.27	448.9	360.3	0.4	1.6	MANSFIELD, NOTTS	17	22	167	0.37	0.9	1.3	C	C*C	COALFIELD TYPE, STANTON HILL AREA
110991	231505.3	55.88	-3.09	331.8	665.4	5.4	0.0	LASSWADE, LOTHIAN	6	8	215	0.01	0.2	0.3	C	A*D	COALFIELD TYPE
120991	014428.2	53.16	-1.24	451.0	363.3	0.2	1.5	MANSFIELD, NOTTS	24	22	101	0.50	1.0	1.5	C	C*C	COALFIELD TYPE, PLEASLEY HILL AREA
120991	041629.1	55.92	-4.38	251.3	672.0	0.5	-0.5	MILNGAVIE, STRATHCLYDE	6	14	176	0.16	1.4	1.4	C	B*C	

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120991	074224.8	53.17	-1.23	451.2	364.2	0.2	1.8	MANSFIELD,NOTTS	15	22	263	0.35	4.2	3.1	D	C*D	COALFIELD TYPE, PLEASLEY HILL AREA
120991	200308.0	53.19	-1.29	447.6	366.6	1.4	1.3	MANSFIELD,NOTTS	16	17	257	0.40	2.7	2.3	D	C*D	COALFIELD TYPE
120991	220630.8	53.17	-1.31	446.2	363.7	0.3	1.1	MANSFIELD,NOTTS	20	18	162	0.45	0.6	0.8	C	C*C	COALFIELD TYPE
130991	170540.3	56.13	-3.71	293.6	694.1	0.7	1.1	CLACKMANNAN,CENTRAL	16	18	82	0.23	0.7	1.1	C	B*C	COALFIELD TYPE
140991	130422.8	53.20	-3.72	285.1	367.9	13.0	1.3	LLANRWST,GWYNEDD	24	14	196	0.12	0.5	0.3	C	A*D	
150991	060101.0	54.33	-2.56	363.7	492.9	3.9	0.1	SEDBERGH,CUMBRIA	5	12	254	0.01	0.4	0.4	C	A*D	
170991	013122.1	53.17	-1.19	454.1	364.4	1.7	1.4	MANSFIELD,NOTTS	26	24	136	0.44	1.2	1.9	C	C*C	COALFIELD TYPE, WOODHOUSE AREA
170991	195707.1	56.28	-5.38	191.0	714.6	5.0	0.6	KILMELFORD,STRATHCLYDE	5	62	331	0.17	1.3	3.0	C	B*D	7KM EAST OF KILMELFORD
180991	032901.1	53.16	-1.20	453.6	363.0	2.5	1.9	MANSFIELD,NOTTS	20	24	134	0.22	0.8	1.5	C	B*C	COALFIELD TYPE, WOODHOUSE AREA
180991	222558.4	53.11	-1.22	451.9	357.1	2.8	1.4	MANSFIELD,NOTTS	15	26	146	0.57	2.7	5.5	D	D*C	COALFIELD TYPE
220991	190452.3	56.45	-4.56	242.2	731.2	2.4	1.0	CRANLARICH,CENTRAL	10	32	289	0.30	9.9	7.3	D	D*D	
230991	162219.3	54.25	-2.08	395.0	483.9	5.7	1.4	BISHOPDALE,N YORKS	19	26	92	0.26	0.9	1.8	C	B*C	NEAR WENSLEYDALE
240991	021713.0	55.09	-3.61	297.4	578.2	5.9	1.4	DUMFRIES,D & G	20	32	105	0.21	0.8	4.1	C	B*C	
240991	044041.4	55.11	-3.59	298.6	580.3	7.8	0.5	DUMFRIES,D & G	4	31	332	0.01	0.0	0.0	C	A*D	
250991	024912.4	53.15	-1.32	445.5	362.2	1.3	1.4	MANSFIELD,NOTTS	22	18	192	0.49	1.7	1.8	D	C*D	COALFIELD TYPE
260991	051548.0	53.14	-1.30	446.8	360.7	7.8	1.1	MANSFIELD,NOTTS	12	20	163	0.28	1.4	6.0	C	C*C	COALFIELD TYPE, STANTON HILL AREA
260991	234158.8	53.16	-1.18	455.0	362.5	7.1	1.4	MANSFIELD,NOTTS	10	26	137	0.28	1.3	4.5	C	B*C	COALFIELD TYPE
270991	081844.4	57.02	-5.78	170.3	798.7	5.7	2.2	LOCH NEVIS,HIGHLAND	13	12	180	0.11	0.8	1.0	B	A*C	SMALL AFTERSHOCKS @ 08:20 & 08:22 GMT
270991	082316.5	57.02	-5.77	170.9	798.4	6.6	0.6	LOCH NEVIS,HIGHLAND	11	12	175	0.12	0.8	1.4	B	A*C	AFTERSHOCK; SMALLER AFTERSHOCK @ 08:26 GMT
270991	083019.2	57.02	-5.78	170.3	799.0	3.8	0.4	LOCH NEVIS,HIGHLAND	10	12	180	0.19	1.3	3.6	C	B*C	AFTERSHOCK; 9 SMALLER AFTERSHOCKS (08:32-12:42 GMT)
270991	205611.6	53.18	-1.21	452.7	365.6	5.3	1.5	MANSFIELD,NOTTS	18	23	136	0.28	0.8	2.0	C	B*C	COALFIELD TYPE
270991	232801.8	52.97	-4.40	238.6	344.3	22.2	1.4	LLEYN,GWYNEDD	24	2	82	0.09	0.3	0.6	A	A*A	LLEYN AFTERSHOCK
011091	041848.5	56.12	-3.72	293.0	693.7	2.2	1.2	CLACKMANNAN,CENTRAL	18	19	80	0.15	0.4	0.6	B	A*C	COALFIELD TYPE
021091	043420.0	53.40	-1.20	453.3	389.6	2.5	1.7	THURCROFT,S YORKSHIRE	24	27	122	0.32	0.8	1.0	C	C*C	COALFIELD TYPE
021091	084834.7	51.76	-2.91	337.3	207.3	23.4	0.5	RAGLAN,GWENT	9	15	172	0.11	0.9	1.2	B	A*C	
031091	011303.8	53.17	-1.34	444.1	363.8	0.1	1.0	PILSLEY,NOTTS	8	16	230	0.15	1.5	1.6	C	B*D	COALFIELD TYPE, WEST OF MANSFIELD
041091	064044.5	57.03	-5.78	170.6	799.4	4.3	1.7	LOCH NEVIS,HIGHLAND	14	13	179	0.36	1.6	2.7	C	C*C	
041091	153426.2	53.38	-4.30	247.1	389.7	18.4	0.8	DULAS,ANGLESEY	17	2	75	0.12	0.6	0.5	A	A*A	NORTHEAST ANGLESEY
081091	015529.6	53.21	-1.22	452.3	367.9	0.2	1.1	SHIREBROOK,NOTTS	12	21	262	0.47	4.3	3.3	D	C*D	COALFIELD TYPE, NORTH OF MANSFIELD
091091	020337.4	53.16	-1.28	448.1	363.1	7.6	1.2	MANSFIELD,NOTTS	14	19	98	0.28	0.9	5.4	C	C*C	COALFIELD TYPE, NEWBOUND FARM AREA
091091	232028.5	53.18	-1.18	454.9	364.7	0.5	1.3	MANSFIELD,NOTTS	19	25	140	0.38	1.2	1.8	C	C*C	COALFIELD TYPE
101091	013256.7	53.20	-1.20	453.4	367.3	1.0	0.5	SHIREBROOK,NOTTS	8	23	197	0.40	2.7	3.1	D	C*D	COALFIELD TYPE
101091	055000.2	53.25	-1.68	421.5	372.3	4.4	1.5	GT LONGSTON,DERBYSHIRE	10	10	118	0.74	4.8	9.2	D	D*C	COALFIELD TYPE
101091	082707.5	54.64	-3.33	314.1	528.4	7.1	1.1	COCKERMOUTH,CUMBRIA	21	18	64	0.36	0.9	1.8	C	C*C	
111091	035350.5	53.20	-1.30	447.0	367.2	0.5	1.0	BRAMLEY VALE,NOTTS	8	17	195	0.33	1.9	2.5	D	C*D	COALFIELD TYPE
111091	043639.3	56.13	-3.72	292.9	694.1	0.6	1.5	CLACKMANNAN,CENTRAL	20	19	81	0.11	0.3	0.4	B	A*C	COALFIELD TYPE
111091	195648.8	53.39	-1.02	465.1	388.5	3.4	1.3	RANSKILL,NOTTS	8	37	227	0.15	1.3	1.9	C	B*D	COALFIELD TYPE
121091	000734.4	53.16	-1.29	447.3	362.6	5.6	1.2	TEVERSAL,NOTTS	11	19	194	0.26	1.3	1.7	C	B*D	COALFIELD TYPE
141091	014046.1	53.37	-1.11	459.0	385.8	5.6	1.3	WORKSOP,NOTTS	11	30	127	0.43	1.9	4.1	C	C*C	COALFIELD TYPE, CARLTON-IN-LINDRICK AREA
151091	040100.8	53.15	-1.34	444.4	361.9	0.2	0.4	TIBSHELF,NOTTS	12	17	159	0.17	0.6	0.8	C	B*C	COALFIELD TYPE, WEST OF MANSFIELD
151091	042902.3	56.40	-4.00	276.7	724.6	5.6	0.1	COMRIE,TAYSIDE	6	19	203	0.21	1.4	1.6	C	B*D	MAGNITUDE FROM VERTICALS
151091	052755.6	53.27	-1.52	431.9	374.5	0.1	1.4	CHESTERFIELD,DERBS	6	1	173	0.09	0.6	0.3	B	A*C	COALFIELD TYPE
161091	021532.1	56.12	-3.73	292.6	693.8	2.2	0.8	CLACKMANNAN,CENTRAL	8	19	157	0.15	0.7	1.2	C	B*C	COALFIELD TYPE
161091	235622.8	53.13	-1.29	447.5	359.9	0.3	0.6	HUTHWAITE,NOTTS	6	21	231	0.15	1.8	1.9	C	B*D	COALFIELD TYPE, SUTTON-IN-ASHFIELD AREA
171091	154531.6	55.92	-5.39	188.4	675.2	6.1	1.0	LOCH FYNE,STRATHCLYDE	4	72	354	0.10	0.0	0.0	C	A*D	
181091	023502.1	53.19	-1.24	450.6	366.1	0.1	1.2	SHIREBROOK,NOTTS	10	20	136	0.60	2.1	3.5	D	D*C	COALFIELD TYPE
181091	043142.9	53.42	-3.18	321.8	392.6	11.6	1.1	HOYLAKE,MERSEYSIDE	25	52	145	0.34	1.0	2.5	D	C*D	
201091	024209.7	56.49	3.28	725.2	745.1	5.0	2.9	CENTRAL NORTH SEA	12325	215	0.35	11.4	9.0	D	D*D		
211091	181047.9	52.96	-4.38	239.9	343.0	24.6	0.8	LLEYN,GWYNEDD	24	4	87	0.09	0.3	0.5	A	A*A	LLEYN AFTERSHOCK
211091	212820.9	60.53	1.28	580.0	1187.4	4.2	1.7	NORTHERN NORTH SEA	14130	162	0.32	4.4	3.2	D	C*D		
221091	012917.2	53.36	-1.15	456.5	385.1	1.0	1.2	GILDINGWELLS,S YORKS	7	28	254	0.47	2.9	2.4	D	C*D	COALFIELD TYPE, FELT BLYTH
231091	002007.0	56.12	-3.72	293.0	693.5	1.7	1.5	CLACKMANNAN,CENTRAL	22	19	80	0.16	0.4	0.6	C	B*C	COALFIELD TYPE
241091	030035.1	53.34	-1.08	461.3	382.7	0.4	1.4	WORKSOP,NOTTS	12	31	128	0.62	1.6	2.0	D	D*C	COALFIELD TYPE, CARLTON FARM AREA
261091	002759.5	53.35	-1.06	462.4	383.7	2.0	1.6	WORKSOP,NOTTS	14	33	130	0.28	1.1	1.7	C	B*C	COALFIELD TYPE, BROOMHILL WOOD AREA
281091	103444.5	55.14	-3.56	300.3	584.3	2.6	0.2	LOCHMABEN,D & G	4	28	329	0.05	0.0	0.0	C	A*D	WEST OF LOCHMABEN
281091	193848.0	53.29	-1.12	458.8	376.9	0.5	0.9	WORKSOP,NOTTS	6	27	289	0.40	23.3	16.4	D	D*D	COALFIELD TYPE

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301091	200306.3	55.86	-3.11	330.3	663.1	1.6	0.1	LASSWADE,LOTHIAN	6	9	185	0.07	0.7	0.8	C A*D	COALFIELD TYPE	
311091	030510.8	56.14	-3.94	279.2	696.3	3.9	1.1	STIRLING,CENTRAL	2+	8	25	164	0.03	0.3	0.7	B A*C	FELT BRIDGE OF ALLAN
311091	034212.1	53.40	-1.07	462.1	390.1	3.1	1.3	BLYTH,NOTTS		8	35	178	0.12	1.1	2.6	C B*C	COALFIELD TYPE, 4KM NORTH OF BLYTH
011191	042808.8	49.84	-5.41	154.7	-0.8	5.4	1.3	LIZARD POINT,CORNWALL		8	36	307	0.07	11.4	24.7	D D*D	SOUTHWEST OF LIZARD POINT
021191	030126.3	56.10	-3.94	279.3	691.0	1.9	0.2	STIRLING,CENTRAL		10	16	107	0.16	0.7	1.1	C B*C	
031191	085524.5	56.15	-3.94	279.2	696.7	3.0	1.1	STIRLING,CENTRAL		14	20	101	0.08	0.3	1.0	B A*C	
061191	044321.7	56.12	-3.72	293.3	693.6	0.8	0.3	CLACKMANNAN,CENTRAL		9	19	122	0.12	0.6	0.9	B A*C	COALFIELD TYPE
061191	225711.2	56.09	-3.95	278.8	689.9	8.3	0.2	STIRLING,CENTRAL		8	14	109	0.08	0.5	3.3	B B*B	
071191	020027.9	54.84	2.61	696.1	559.1	10.0	2.3	CENTRAL NORTH SEA		11310	332	0.70139.0164.9			D D*D	WEAKLY RECORDED	
071191	035456.3	56.12	-3.74	291.5	693.8	1.5	0.8	CLACKMANNAN,CENTRAL		13	20	83	0.11	0.4	0.6	B A*C	COALFIELD TYPE
071191	063159.0	56.12	-3.72	293.4	693.2	6.1	1.1	CLACKMANNAN,CENTRAL		12	19	82	0.11	0.4	0.6	B A*C	COALFIELD TYPE
081191	063720.1	53.97	-2.68	355.4	453.1	13.2	1.6	ABBEYSTED,LANCS		32	7	62	0.29	0.7	0.8	B B*A	
091191	071953.3	55.45	-3.44	308.6	618.6	5.5	0.1	TWEEDSMUIR,BORDERS		5	21	300	0.07	0.6	0.4	C A*D	
091191	084901.9	56.04	3.62	750.1	696.9	4.9	3.3	CENTRAL NORTH SEA		14373	209	0.24	5.8	3.2	D D*D		
111191	224336.9	56.14	-3.94	279.3	695.9	2.5	0.2	STIRLING,CENTRAL		8	20	143	0.12	0.6	0.9	B A*C	
111191	232536.8	55.21	-3.97	274.7	592.3	8.2	0.6	MONAIVE,D & G		15	38	161	0.21	1.2	43.7	C C*C	
121191	003410.6	54.72	-1.31	444.3	536.0	0.3	1.2	PETERLEE,CO DURHAM		13	11	171	0.26	1.0	1.0	C B*C	COALFIELD TYPE
121191	041945.8	53.04	-1.37	442.3	349.8	0.2	0.1	RIPLEY,DERBYSHIRE		6	26	197	0.57	0.7	1.0	D D*D	COALFIELD TYPE
121191	205103.9	56.13	-3.73	292.6	693.9	1.4	1.1	CLACKMANNAN,CENTRAL		16	19	81	0.11	0.3	0.5	B A*C	COALFIELD TYPE
131191	002029.6	56.13	-3.76	290.3	694.4	1.5	0.7	CLACKMANNAN,CENTRAL		8	20	176	0.13	0.7	1.0	B A*C	COALFIELD TYPE
131191	013037.0	53.38	-0.97	458.5	387.6	3.0	0.9	BARNBY MOOR,NOTTS		6	40	308	0.27	5.5	7.0	D D*D	COALFIELD TYPE
141191	220237.9	56.13	-3.73	292.7	693.9	1.3	1.9	CLACKMANNAN,CENTRAL		23	19	81	0.12	0.3	0.4	B A*C	COALFIELD TYPE
151191	062952.6	53.51	-1.44	436.9	401.5	2.6	1.1	BARNSELY,S YORKSHIRE		11	51	315	0.19	3.6	6.2	D C*D	COALFIELD TYPE
181191	091258.3	58.75	1.00	573.4	988.3	3.1	3.6	NORTHERN NORTH SEA		27190	141	0.48	1.6	3.0	D C*D	SOUTH VIKING GRABEN AREA	
191191	000110.2	53.27	-1.03	464.3	374.8	0.5	1.1	THORESBY,NOTTS		8	33	230	0.44	4.8	4.6	D C*D	COALFIELD TYPE, 5KM NORTH OF THORESBY
191191	035415.5	53.20	-1.07	461.8	367.4	0.5	1.1	EDWINSTOWE,NOTTS		8	31	207	0.12	0.9	1.0	C A*D	COALFIELD TYPE
191191	060935.2	56.13	-3.72	292.9	693.9	1.3	0.6	CLACKMANNAN,CENTRAL		9	19	128	0.07	0.3	0.5	B A*C	COALFIELD TYPE
201191	023810.5	56.48	-4.60	239.7	734.9	3.7	0.8	TYNDRUM,CENTRAL		12	36	292	0.59	4.7	6.6	D D*D	7KM NORTHEAST OF TYNDRUM
211191	025504.2	53.36	-1.06	452.5	385.5	1.0	0.9	BLYTH,NOTTS		6	33	304	0.31350.8261.4		D D*D	COALFIELD TYPE	
221191	192855.9	53.36	-1.14	457.5	385.3	2.3	1.5	GILDINGWELLS,S YORKS		13	29	174	0.28	1.3	1.4	C B*C	COALFIELD TYPE
221191	220328.4	53.07	-1.41	439.7	352.6	0.7	0.1	RIPLEY,NOTTS		5	22	123	0.32	3.4	8.4	D C*D	COALFIELD TYPE
241191	024637.4	55.97	-4.48	245.0	678.0	4.1	0.5	MILNGAVIE,STRATHCLYDE		9	21	151	0.41	2.1	5.1	C C*C	EPICENTRE IN KILPATRICK HILLS
241191	030849.3	55.96	-4.46	246.2	677.2	9.8	0.7	MILNGAVIE,STRATHCLYDE		10	22	144	0.48	2.6	15.0	C C*C	EPICENTRE IN KILPATRICK HILLS
251191	181005.0	53.33	-1.07	461.9	382.3	1.0	1.6	WORKSOP,NOTTS		14	32	129	0.19	0.7	1.2	C B*C	COALFIELD TYPE, NORTHEAST OF WORKSOP
291191	123632.6	59.07	1.48	599.71025.6		22.6	2.9	NORTHERN NORTH SEA		19187	128	0.52	2.1	4.6	D D*D		
291191	180540.2	56.12	-3.73	292.4	693.6	1.9	0.7	CLACKMANNAN,CENTRAL		11	20	86	0.13	0.5	0.8	B A*C	COALFIELD TYPE
301191	032648.4	53.14	-1.04	464.4	361.2	0.5	0.3	BILSTHORPE,NOTTS		5	35	193	0.23	0.7	1.3	C B*D	COALFIELD TYPE
301191	035859.9	53.16	-1.08	461.5	363.5	0.2	1.7	CLIPSTONE,NOTTS		13	32	112	0.36	1.0	1.5	C C*C	COALFIELD TYPE
301191	144151.1	51.50	-4.41	232.9	180.8	17.2	2.2	BRISTOL CHANNEL		23	33	131	0.18	0.7	1.0	B B*B	
011291	160408.1	53.33	-1.09	460.3	381.5	0.2	1.3	WORKSOP,NOTTS		12	30	126	0.37	1.3	1.8	C C*C	COALFIELD TYPE
021291	114234.2	53.05	-4.26	248.4	353.2	10.6	0.2	PENYGROES,GWYNEDD		9	14	114	0.10	0.5	1.8	B A*B	
021291	195645.9	55.43	-3.56	301.3	616.8	2.5	0.1	ELVANFOOT,STRATHCLYDE		9	26	248	0.09	2.1	1.4	C B*D	
031291	041943.0	53.35	-1.16	455.9	383.9	1.0	1.4	WOODSETTS,NOTTS		14	27	122	0.40	1.3	1.8	C C*C	COALFIELD TYPE, NORTH OF WORKSOP
041291	033032.6	53.32	-1.05	463.1	380.6	0.2	1.2	WORKSOP,NOTTS		11	32	129	0.25	0.8	1.1	C B*C	COALFIELD TYPE, NORTHEAST OF WORKSOP
041291	183900.3	56.18	-3.80	288.3	699.8	2.2	0.2	CLACKMANNAN,CENTRAL		4	20	206	0.05	0.0	0.0	C A*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS
041291	202820.9	56.13	-3.72	293.0	693.9	0.9	0.9	CLACKMANNAN,CENTRAL		13	19	81	0.09	0.3	0.5	B A*C	COALFIELD TYPE
041291	221712.3	56.12	-3.73	292.1	693.5	0.0	0.9	CLACKMANNAN,CENTRAL		14	20	83	0.36	0.9	1.5	C C*C	COALFIELD TYPE
051291	144114.7	55.24	-2.89	343.1	594.3	4.1	0.6	LANGHOLM,D & G		5	16	191	0.08	0.5	1.7	C A*D	LOCATED 10KM NORTHEAST OF LANGHOLM
051291	191434.1	57.50	-5.57	186.4	850.7	5.4	1.2	LOCH DAMH,HIGHLAND		9	16	223	0.04	0.5	0.3	C A*D	
061291	054107.5	56.13	-3.73	292.6	694.0	0.7	0.8	CLACKMANNAN,CENTRAL		14	19	81	0.08	0.2	0.4	B A*C	COALFIELD TYPE
061291	175026.2	57.50	-5.57	186.2	851.1	5.4	0.6	LOCH DAMH,HIGHLAND		5	16	254	0.03	0.7	0.9	C A*D	
061291	193306.4	47.41	-0.10	543.3-274.7		5.0	3.1	NANTES,FRANCE		8474	354	0.12361.8395.5			D D*D		
061291	193740.0	57.49	-5.55	187.0	849.8	5.8	0.1	LOCH DAMH,HIGHLAND		4	15	246	0.01	0.0	0.0	C A*D	
071291	052431.6	53.33	-0.96	469.3	382.5	0.5	1.1	RETFORD,NOTTS		9	39	190	0.33	1.8	2.0	D C*D	COALFIELD TYPE, EAST OF RETFORD
071291	160430.5	59.21	-2.95	345.91036.6		1.7	1.4	ORKNEY ISLANDS		5132	346	0.16	2.1	1.2	C B*D		
071291	162151.2	57.30	-5.99	159.5	830.7	2.5	1.7	SCALPAY,HIGHLAND		18	21	250	0.47	4.9	3.5	D C*D	

CATALOGUE OF EVENTS : 1991

Table 1 (cont'd)

Listed Chronologically

131291	025939.7	49.12	-2.12	391.1	-87.1	8.2	0.1	ST AUBINS BAY, JERSEY	10	9	294	0.08	0.9	1.0	C	A*D	SOUTH OF ST AUBINS BAY
141291	133054.4	50.65	1.86	672.6	91.1	0.4	3.6	BOULOGNE, FRANCE	27	72	140	0.69	2.1	2.9	D	D*D	
151291	191425.8	52.96	-4.39	239.4	343.3	23.6	1.7	LLEYN, GWYNEDD	15	3	98	0.07	0.4	0.8	B	A*B	LLEYN AFTERSHOCK
201291	200130.9	56.13	-3.74	291.9	694.0	1.2	1.1	CLACKMANNAN, CENTRAL	14	20	82	0.15	0.4	0.7	B	A*C	COALFIELD TYPE
231291	105352.3	57.39	-5.38	197.1	838.7	2.9	0.2	STRATHCARRON, HIGHLAND	6	13	166	0.14	0.9	29.6	C	C*C	
241291	055415.7	56.29	-6.15	143.3	718.4	8.3	1.5	MULL, STRATHCLYDE	21	73	255	0.29	2.0	1.8	C	B*D	
251291	172241.3	56.82	-4.55	244.4	772.2	2.4	1.9	BEN ALDER, HIGHLAND	28	26	102	0.26	0.7	0.8	C	B*C	WEST OF BEN ALDER
271291	014934.0	55.30	-3.59	299.4	602.0	6.3	1.3	BEATTOCK, D & G	17	24	158	0.08	0.3	0.4	B	A*C	
291291	125156.5	50.80	-4.95	192.1	104.0	8.1	0.6	TREVOSE HEAD, CORNWALL	7	39	220	0.15	2.6	127.6	D	C*D	NORTHEAST OF TREVOSE HEAD
301291	215359.8	56.32	-6.17	142.4	721.7	9.2	0.8	MULL, STRATHCLYDE	7103	323	0.25	6.4	4.2	D	D*D	MAGNITUDE FROM VERTICALS	
311291	053422.9	62.04	4.17	722.4	1366.5	4.7	3.3	NORTHERN NORTH SEA	24114	259	0.39	3.0	1.8	D	C*D		

CATALOGUE OF EVENTS : 1991

Table 2

Listed in order of decreasing latitude

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...		
140491	152848.4	62.53	1.85	598.11411.6	25.0	2.2	NORTHERN	NORTH SEA		6270	355	0.27	58.1	90.2	D	D	A	D		
240891	070253.4	62.10	1.97	607.21364.6	1.0	2.1	NORTHERN	NORTH SEA		6238	353	0.08	8.1	6.5	D	D	A	D		
311291	053422.9	62.04	4.17	722.41366.5	4.7	3.3	NORTHERN	NORTH SEA		24114	259	0.39	3.0	1.8	D	C	A	D		
211091	212820.9	60.53	1.28	580.01187.4	4.2	1.7	NORTHERN	NORTH SEA		14130	162	0.32	4.4	3.2	D	C	A	D		
260891	142123.3	60.46	-1.41	432.21175.4	13.8	0.9	SHETLAND	ISLANDS		7	21	216	0.02	0.4	0.8	C	A	A	D	
110891	230747.1	60.36	1.37	585.81169.0	1.0	2.1	NORTHERN	NORTH SEA		6136	336	0.29	12.2	5.2	D	D	A	D		
250491	162747.2	60.34	1.62	600.01167.2	10.6	4.2	NORTHERN	NORTH SEA		24151	129	0.54	2.4	4.4	D	D	A	D		
200491	105753.4	60.21	-1.20	444.11146.9	3.9	1.2	SHETLAND	ISLANDS		5	8	159	0.01	0.1	0.4	C	A	A	D	
071291	160430.5	59.21	-2.95	345.91036.6	1.7	1.4	ORKNEY	ISLANDS		5132	346	0.16	2.1	1.2	C	B	A	D		
050791	134150.4	59.16	-2.97	344.51031.3	0.5	1.3	NORTHERN	NORTH SEA		6136	346	0.10	3.1	1.1	D	C	A	D		
120291	162305.9	59.13	-2.58	366.91027.4	1.0	1.2	ORKNEY	ISLANDS		7124	346	0.24	11.7	7.5	D	D	A	D		
291191	123632.6	59.07	1.48	599.71025.6	22.6	2.9	NORTHERN	NORTH SEA		19187	128	0.52	2.1	4.6	D	D	A	D		
181191	091258.3	58.75	1.00	573.4 988.3	3.1	3.6	NORTHERN	NORTH SEA		27190	141	0.48	1.6	3.0	D	C	A	D	SOUTH VIKING GRABEN AREA	
050491	183612.0	58.34	1.00	575.5 943.4	9.5	3.1	CENTRAL	NORTH SEA		24211	238	0.25	2.6	2.6	D	C	A	D		
060691	214550.4	58.15	1.12	583.6 922.6	8.2	2.5	CENTRAL	NORTH SEA		22211	243	0.17	1.9	1.8	C	B	A	D		
210391	131743.0	58.11	1.04	579.3 917.1	14.1	2.3	CENTRAL	NORTH SEA		24206	233	0.48	4.6	4.9	D	C	A	D		
210391	024501.6	58.09	1.07	581.2 914.7	9.9	3.2	CENTRAL	NORTH SEA		24207	234	0.19	1.8	1.8	C	B	A	D		
051291	191434.1	57.50	-5.57	185.4 350.7	5.4	1.2	LOCH DAMH,	HIGHLAND		9	16	223	0.04	0.5	0.3	C	A	A	D	
051291	175026.2	57.50	-5.57	185.2 351.1	5.4	0.6	LOCH DAMH,	HIGHLAND		5	16	251	0.03	0.7	0.9	C	A	A	D	
061291	193740.0	57.49	-5.55	187.0 349.3	5.3	0.1	LOCH DAMH,	HIGHLAND		4	15	246	0.01	0.0	0.0	C	A	A	D	
040791	202704.1	57.17	-5.13	194.3 317.6	0.3	0.3	TORRIDON,	HIGHLAND		6	9	194	0.02	0.3	0.2	C	A	A	D	
070691	170133.5	57.10	-6.25	141.9 312.3	0.8	1.9	SKYE,	HIGHLAND		14113	273	0.38	3.9	2.4	D	C	A	D		
231291	105352.3	57.39	-5.38	197.1 338.7	2.9	0.2	STRATHCARRON,	HIGHLAND		6	13	165	0.14	0.9	29.6	C	C	C		
160891	161715.3	57.31	-6.05	156.4 831.5	5.4	1.2	SKYE,	HIGHLAND		9	24	131	0.06	0.4	0.6	B	A	C		
071291	162151.2	57.30	-5.99	159.5 830.7	2.5	1.7	SCALPAY,	HIGHLAND		18	21	250	0.47	4.9	3.5	D	C	A	D	
240491	103249.5	57.19	3.20	713.8 822.7	5.0	2.3	CENTRAL	NORTH SEA		7384	349	0.47	0.0	0.0	D	D	A	D	WEAKLY RECORDED	
190891	104218.8	57.14	-5.48	189.8 810.7	7.7	0.5	GLENSHIEL,	HIGHLAND		7	8	199	0.05	0.7	1.3	C	A	A	D	
110291	150920.6	57.13	-5.02	217.4 308.7	2.1	1.6	GLEN GARRY,	HIGHLAND		8109	320	0.30	2.1	1.3	C	B	A	D		
041091	064044.5	57.03	-5.78	170.6 799.4	4.3	1.7	LOCH NEVIS,	HIGHLAND		14	13	179	0.36	1.6	2.7	C	C	C		
270991	081844.4	57.02	-5.78	170.3 798.7	5.7	2.2	LOCH NEVIS,	HIGHLAND		13	12	180	0.11	0.8	1.0	B	A	C		SMALL AFTERSHOCKS @ 08:20 & 08:22 GMT
270991	083019.2	57.02	-5.78	170.3 799.0	3.8	0.4	LOCH NEVIS,	HIGHLAND		10	12	180	0.19	1.3	3.6	C	B	A	C	AFTERSHOCK; 9 SMALLER AFTERSHOCKS (08:32-12:42 GMT)
270991	082316.5	57.02	-5.77	170.9 798.4	6.6	0.6	LOCH NEVIS,	HIGHLAND		11	12	175	0.12	0.8	1.4	B	A	C		AFTERSHOCK; SMALLER AFTERSHOCK @ 08:26 GMT
030491	011612.8	56.97	-4.94	221.1 790.4	1.5	0.7	LOCH LOCHY,	HIGHLAND		8	94	315	0.38	29.8	22.3	D	D	A	D	MAGNITUDE FROM VERTICALS
080291	103620.6	56.94	-5.14	209.1 787.8	11.0	1.8	FORT WILLIAM,	HIGHLAND		9	97	319	0.29	3.7	2.8	D	C	A	D	
251291	172241.3	56.82	-4.55	244.4 772.2	2.4	1.9	BEN ALDER,	HIGHLAND		28	26	102	0.26	0.7	0.8	C	B	A	C	WEST OF BEN ALDER
120891	131302.5	56.68	-5.57	181.4 759.9	1.5	1.0	LOCH SUNART,	HIGHLAND		8	94	330	0.16	7.0	5.1	D	D	A	D	MAGNITUDE FROM VERTICALS
210391	011222.4	56.56	-5.19	204.3 745.2	1.5	0.6	GLEN CRERAN,	STRATHCLYDE		12	66	290	0.34	9.9	6.9	D	D	A	D	
240291	222145.9	56.50	-5.78	167.2 740.2	8.6	0.9	MULL,	STRATHCLYDE		9	96	313	0.34	4.9	6.5	D	C	A	D	
060591	183432.5	56.49	-3.67	297.3 734.7	0.5	0.2	LOGIEALMOND,	TAYSIDE		6	4	215	0.41	9.8	8.3	D	D	A	D	
201091	024209.7	56.49	3.28	725.2 745.1	5.0	2.9	CENTRAL	NORTH SEA		12325	215	0.35	11.4	9.0	D	D	A	D		
030391	044641.9	56.48	-5.66	174.5 737.5	9.2	0.8	MULL,	STRATHCLYDE		8	88	330	0.32	4.7	70.4	D	C	A	D	
070591	232720.6	56.48	-4.61	239.4 735.1	2.3	1.7	CRANLARICH,	CENTRAL		30	37	181	0.40	1.2	1.2	D	C	A	D	
201191	023810.5	56.48	-4.60	239.7 734.9	3.7	0.8	TYNDRUM,	CENTRAL		12	36	292	0.59	4.7	6.6	D	D	A	D	7KM NORTHEAST OF TYNDRUM
170191	060448.2	56.47	-6.09	148.4 738.5	1.0	1.2	MULL,	STRATHCLYDE		12109	320	0.62	21.9	15.8	D	D	A	D		
010691	202605.4	56.47	-4.59	240.6 734.1	3.0	0.9	CRANLARICH,	CENTRAL		6	35	296	0.26	7.4	13.2	D	D	A	D	
010691	221805.8	56.46	-4.55	242.7 732.3	1.7	1.0	CRANLARICH,	CENTRAL		7	33	288	0.21	5.2	3.7	D	D	A	D	
010691	202635.1	56.46	-4.53	244.3 732.9	3.7	0.9	CRANLARICH,	CENTRAL		6	33	290	0.31	1.6	3.1	D	C	A	D	
070591	153310.8	56.45	-4.58	240.9 732.1	2.8	1.6	CRANLARICH,	CENTRAL		15	33	255	0.30	1.9	2.2	D	C	A	D	
070591	155017.0	56.45	-4.56	242.2 731.4	3.1	0.5	CRANLARICH,	CENTRAL		8	32	289	0.14	4.8	9.5	D	C	A	D	MAGNITUDE FROM VERTICALS
220991	190452.3	56.45	-4.56	242.2 731.2	2.4	1.0	CRANLARICH,	CENTRAL		10	32	289	0.30	9.9	7.3	D	D	A	D	
070591	153131.1	56.44	-4.52	244.4 730.4	1.0	0.8	CRANLARICH,	CENTRAL		7	30	285	0.18	31.7	23.9	D	D	A	D	
150491	003354.6	56.43	-5.63	176.4 732.1	6.0	2.1	OBAN,	STRATHCLYDE		20	84	306	0.31	3.2	5.2	D	C	A	D	
190591	011146.2	56.41	-4.81	226.4 728.2	3.1	1.2	TYNDRUM,	CENTRAL		21	39	266	0.26	1.6	1.8	C	B	A	D	
290191	031409.8	56.40	-5.54	181.5 728.8	10.7	0.4	OBAN,	STRATHCLYDE		5	79	336	0.20	4.0	84.4	D	C	A	D	5KM SOUTHWEST OF OBAN
151091	042902.3	56.40	-4.00	276.7 724.6	5.6	0.1	COMRIE,	TAYSIDE		6	19	203	0.21	1.4	1.6	C	B	A	D	MAGNITUDE FROM VERTICALS

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200191	170154.8	56.35	-4.72	231.9	720.5	0.5	1.0	INVERARNAN, STRATHCLYDE	12	29	277	0.24	5.9	4.5	D	D*D		
200191	174422.0	56.35	-4.72	232.2	720.9	0.5	1.3	INVERARNAN, STRATHCLYDE	13	29	277	0.26	5.8	4.5	D	D*D		
301291	215359.8	56.32	-6.17	142.4	721.7	9.2	0.8	MULL, STRATHCLYDE	7103	323	0.25	6.4	4.2	D	D*D	MAGNITUDE FROM VERTICALS		
300191	235612.7	56.32	-4.99	215.4	717.7	1.8	0.6	GLEN SHIRA, STRATHCLYDE	8	42	306	0.09	9.6	7.2	D	D*D		
040891	183457.1	56.32	-4.44	249.4	717.1	3.3	2.8	BALQUHIDDER, CENTRAL	3+	27	16	125	0.15	0.4	0.8	B	A*C	FELT BALQUHIDDER, TYNDRUM, CRIANLARICH, ...
160891	235813.9	56.32	-4.40	251.7	716.4	2.7	1.4	BALQUHIDDER, CENTRAL	25	15	105	0.34	0.8	1.7	C	C*C	AFTERSHOCK	
240491	093718.4	56.31	-4.43	250.0	715.5	7.1	1.9	STRATHYRE, CENTRAL	25	14	161	0.28	0.8	1.3	C	B*C		
241291	055415.7	56.29	-6.15	143.3	718.4	8.3	1.5	MULL, STRATHCLYDE	21	73	255	0.29	2.0	1.8	C	B*D		
170991	195707.1	56.28	-5.38	191.0	714.6	5.0	0.6	KILMELFORD, STRATHCLYDE	5	62	331	0.17	1.3	3.0	C	B*D	7KM EAST OF KILMELFORD	
100891	163917.3	56.28	-4.27	259.4	712.4	5.1	0.5	BALQUHIDDER, CENTRAL	4	11	217	0.12	0.0	0.0	C	A*D	SOUTHEAST OF BALQUHIDDER	
030391	170712.9	56.27	-5.38	190.6	713.5	9.0	0.7	KILMELFORD, STRATHCLYDE	8	61	318	0.11	2.5	47.6	D	C*D		
310391	135607.6	56.27	-4.22	262.8	711.2	0.5	0.8	STRATHYRE, CENTRAL	6	12	235	0.39	4.5	3.2	D	C*D		
140491	084354.3	56.25	-3.73	292.7	707.7	5.6	0.4	GLENEAGLES, TAYSIDE	9	14	123	0.12	0.6	0.9	B	A*C		
140491	141817.2	56.25	-3.73	292.9	707.7	5.8	1.5	GLENEAGLES, TAYSIDE	15	14	103	0.12	0.4	0.8	B	A*C		
300191	085537.7	56.25	-3.72	293.4	707.6	3.8	0.8	GLENEAGLES, TAYSIDE	19	13	101	0.16	0.4	0.9	C	B*C		
210591	031423.0	56.25	-3.72	293.3	707.6	5.1	0.4	GLENEAGLES, TAYSIDE	9	13	123	0.09	0.4	0.7	B	A*C		
230591	071733.5	56.25	-3.72	293.4	707.5	6.0	0.3	GLENEAGLES, TAYSIDE	8	13	123	0.07	0.4	0.6	B	A*C		
030891	041422.1	56.25	-3.72	293.2	707.4	5.9	0.3	GLENEAGLES, TAYSIDE	10	13	123	0.11	0.5	0.9	B	A*C		
040591	170223.9	56.24	-3.74	292.2	706.9	4.8	0.5	GLENEAGLES, TAYSIDE	10	14	125	0.16	0.7	1.4	C	B*C		
170491	084354.4	56.24	-3.73	292.6	707.2	3.3	0.6	GLENEAGLES, TAYSIDE	7	14	172	0.08	0.6	2.1	C	B*C		
210791	085719.3	56.21	-5.03	212.1	705.6	1.0	0.9	INVERARAY, STRATHCLYDE	7	43	313	0.64	26.3	19.9	D	D*D		
041291	183900.3	56.18	-3.30	233.3	699.8	2.2	0.2	CLACKMANNAN, CENTRAL	4	20	206	0.05	0.0	0.0	C	A*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS	
290391	030218.3	56.17	-3.73	292.3	698.9	0.2	0.6	DOLLAR, CENTRAL	9	16	145	0.21	0.9	1.5	C	B*C	COALFIELD TYPE	
020491	140323.5	56.16	-3.64	293.3	697.6	0.0	0.9	BLAIRINGONE, TAYSIDE	9	13	112	0.13	0.6	0.9	B	A*C	COALFIELD TYPE	
031191	085524.5	56.15	-3.94	279.2	696.7	3.0	1.1	STIRLING, CENTRAL	14	20	101	0.08	0.3	1.0	B	A*C		
040491	200957.8	56.15	-3.69	295.1	696.7	16.9	1.2	DOLLAR, CENTRAL	9	16	130	0.13	0.9	1.8	B	A*B	COALFIELD TYPE	
180391	195521.2	56.15	-3.68	295.9	695.9	0.2	1.1	CLACKMANNAN, CENTRAL	8	32	212	0.17	1.6	1.5	C	B*D	COALFIELD TYPE	
311091	030510.8	56.14	-3.94	279.2	696.3	3.9	1.1	STIRLING, CENTRAL	2+	8	25	164	0.03	0.3	0.7	B	A*C	FELT BRIDGE OF ALLAN
111191	224336.9	56.14	-3.94	279.3	695.9	2.5	0.2	STIRLING, CENTRAL	8	20	143	0.12	0.6	0.9	B	A*C		
250191	033206.5	56.14	-3.76	290.5	695.5	2.4	-0.1	CLACKMANNAN, CENTRAL	4	20	181	0.36	0.0	0.0	D	C*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS	
131191	002029.6	56.13	-3.76	290.3	694.4	1.5	0.7	CLACKMANNAN, CENTRAL	8	20	176	0.13	0.7	1.0	B	A*C	COALFIELD TYPE	
060391	065002.5	56.13	-3.74	292.1	694.0	0.1	0.9	CLACKMANNAN, CENTRAL	15	20	82	0.23	0.6	1.0	C	B*C	COALFIELD TYPE	
150591	175827.7	56.13	-3.74	291.6	694.6	0.2	1.0	CLACKMANNAN, CENTRAL	9	20	102	0.13	0.7	0.5	B	A*C	COALFIELD TYPE	
201291	200130.9	56.13	-3.74	291.9	694.0	1.2	1.1	CLACKMANNAN, CENTRAL	14	20	82	0.15	0.4	0.7	B	A*C	COALFIELD TYPE	
140291	203234.6	56.13	-3.73	292.4	694.1	0.5	0.7	CLACKMANNAN, CENTRAL	9	19	126	0.17	0.7	1.1	C	B*C	COALFIELD TYPE	
120391	053903.0	56.13	-3.73	292.6	694.3	0.9	0.9	CLACKMANNAN, CENTRAL	13	19	82	0.14	0.5	0.7	B	A*C	COALFIELD TYPE	
090991	213244.4	56.13	-3.73	292.3	693.9	1.5	0.7	CLACKMANNAN, CENTRAL	10	19	129	0.12	0.4	0.8	B	A*C	COALFIELD TYPE	
121191	205103.9	56.13	-3.73	292.6	693.9	1.4	1.1	CLACKMANNAN, CENTRAL	16	19	81	0.11	0.3	0.5	B	A*C	COALFIELD TYPE	
141191	220237.9	56.13	-3.73	292.7	693.9	1.3	1.9	CLACKMANNAN, CENTRAL	23	19	81	0.12	0.3	0.4	B	A*C	COALFIELD TYPE	
061291	054107.5	56.13	-3.73	292.6	694.0	0.7	0.8	CLACKMANNAN, CENTRAL	14	19	81	0.08	0.2	0.4	B	A*C	COALFIELD TYPE	
050391	193952.0	56.13	-3.72	293.4	694.2	0.5	0.6	CLACKMANNAN, CENTRAL	9	18	127	0.17	0.5	0.9	C	B*C	COALFIELD TYPE	
040691	030914.2	56.13	-3.72	293.2	694.0	1.0	0.6	CLACKMANNAN, CENTRAL	12	19	81	0.07	0.2	0.4	B	A*C	COALFIELD TYPE	
160891	190711.7	56.13	-3.72	293.4	694.6	0.9	1.5	CLACKMANNAN, CENTRAL	20	18	81	0.21	0.5	0.8	C	B*C	COALFIELD TYPE	
230891	073455.5	56.13	-3.72	293.4	694.3	0.5	1.3	CLACKMANNAN, CENTRAL	16	18	81	0.11	0.3	0.5	B	A*C	COALFIELD TYPE, SMALL FORESHOCK 5.2 SECS EARLIER	
111091	043639.3	56.13	-3.72	292.9	694.1	0.6	1.5	CLACKMANNAN, CENTRAL	20	19	81	0.11	0.3	0.4	B	A*C	COALFIELD TYPE	
191191	060935.2	56.13	-3.72	292.9	693.9	1.3	0.6	CLACKMANNAN, CENTRAL	9	19	128	0.07	0.3	0.5	B	A*C	COALFIELD TYPE	
041291	202820.9	56.13	-3.72	293.0	693.9	0.9	0.9	CLACKMANNAN, CENTRAL	13	19	81	0.09	0.3	0.5	B	A*C	COALFIELD TYPE	
090291	023744.6	56.13	-3.71	293.9	694.7	2.2	1.2	CLACKMANNAN, CENTRAL	7	29	332	0.09	4.5	3.5	D	C*D	COALFIELD TYPE	
130991	170540.3	56.13	-3.71	293.6	694.1	0.7	1.1	CLACKMANNAN, CENTRAL	16	18	82	0.23	0.7	1.1	C	B*C	COALFIELD TYPE	
150391	115817.9	56.13	-3.70	294.1	694.0	1.2	1.7	CLACKMANNAN, CENTRAL	14	18	83	0.10	0.3	0.5	B	A*C	COALFIELD TYPE	
210391	203235.8	56.13	-3.70	294.4	693.9	0.8	1.7	CLACKMANNAN, CENTRAL	23	18	83	0.21	0.5	0.8	C	B*C	COALFIELD TYPE	
150391	115851.3	56.13	-3.67	296.4	694.2	0.2	1.5	CLACKMANNAN, CENTRAL	11	17	91	0.14	0.5	0.8	B	A*C	COALFIELD TYPE	
100991	200220.2	56.12	-3.75	291.3	693.8	0.6	0.3	CLACKMANNAN, CENTRAL	4	20	234	0.12	0.0	0.0	C	A*D	COALFIELD TYPE, MAGNITUDE FROM VERTICAL	
220491	234126.5	56.12	-3.74	291.8	692.7	1.0	0.7	CLACKMANNAN, CENTRAL	7	21	133	0.15	0.9	1.5	C	B*C	COALFIELD TYPE	
040591	161519.2	56.12	-3.74	292.0	693.4	1.3	1.0	CLACKMANNAN, CENTRAL	10	20	131	0.06	0.2	0.4	B	A*C	COALFIELD TYPE	
071191	035456.3	56.12	-3.74	291.5	693.8	1.5	0.8	CLACKMANNAN, CENTRAL	13	20	83	0.11	0.4	0.6	B	A*C	COALFIELD TYPE	

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150191	201048.5	56.12	-3.73	292.6	693.4	0.2	0.7	CLACKMANNAN,CENTRAL	12	20	110	0.18	0.6	0.9	C	B*C	COALFIELD TYPE	
050291	102132.4	56.12	-3.73	292.2	692.8	2.1	1.1	CLACKMANNAN,CENTRAL	15	20	84	0.23	0.6	1.0	C	B*C	COALFIELD TYPE	
010391	174920.5	56.12	-3.73	292.6	693.1	0.8	1.3	CLACKMANNAN,CENTRAL	19	20	83	0.10	0.2	0.4	B	A*C	COALFIELD TYPE	
180391	225234.1	56.12	-3.73	292.7	693.6	0.1	1.3	CLACKMANNAN,CENTRAL	17	19	80	0.12	0.3	0.5	B	A*C	COALFIELD TYPE	
280391	090907.1	56.12	-3.73	292.6	693.2	0.8	1.1	CLACKMANNAN,CENTRAL	10	20	130	0.11	0.4	0.7	B	A*C	COALFIELD TYPE	
161091	021532.1	56.12	-3.73	292.6	693.8	2.2	0.8	CLACKMANNAN,CENTRAL	8	19	157	0.15	0.7	1.2	C	B*C	COALFIELD TYPE	
291191	180540.2	56.12	-3.73	292.4	693.6	1.9	0.7	CLACKMANNAN,CENTRAL	11	20	86	0.13	0.5	0.8	B	A*C	COALFIELD TYPE	
041291	221712.3	56.12	-3.73	292.1	693.5	0.0	0.9	CLACKMANNAN,CENTRAL	14	20	83	0.36	0.9	1.5	C	C*C	COALFIELD TYPE	
100191	030009.7	56.12	-3.72	292.8	693.5	0.4	0.7	CLACKMANNAN,CENTRAL	12	19	123	0.17	0.5	0.9	C	B*C	COALFIELD TYPE	
180191	054516.8	56.12	-3.72	293.3	693.2	1.2	0.8	CLACKMANNAN,CENTRAL	12	19	121	0.27	0.9	1.4	C	B*C	COALFIELD TYPE	
140291	211647.0	56.12	-3.72	292.9	693.8	0.7	0.8	CLACKMANNAN,CENTRAL	12	19	85	0.10	0.3	0.5	B	A*C	COALFIELD TYPE	
180491	054947.7	56.12	-3.72	293.3	693.5	1.5	1.7	CLACKMANNAN,CENTRAL	19	19	81	0.13	0.3	0.5	B	A*C	COALFIELD TYPE	
250491	123219.0	56.12	-3.72	293.3	693.2	0.7	1.6	CLACKMANNAN,CENTRAL	12	19	129	0.10	0.3	0.5	B	A*C	COALFIELD TYPE	
010591	192800.5	56.12	-3.72	292.8	693.2	1.3	1.1	CLACKMANNAN,CENTRAL	13	20	80	0.10	0.3	0.5	B	A*C	COALFIELD TYPE	
230591	003811.6	56.12	-3.72	292.9	693.5	1.6	1.4	CLACKMANNAN,CENTRAL	20	19	80	0.10	0.2	0.4	B	A*C	COALFIELD TYPE	
040691	030936.7	56.12	-3.72	293.2	693.6	1.8	1.2	CLACKMANNAN,CENTRAL	13	19	81	0.10	0.3	0.5	B	A*C	COALFIELD TYPE	
130691	202355.7	56.12	-3.72	293.2	693.5	0.9	1.3	CLACKMANNAN,CENTRAL	14	19	81	0.13	0.4	0.6	B	A*C	COALFIELD TYPE	
220691	030623.5	56.12	-3.72	293.0	693.6	0.8	1.1	CLACKMANNAN,CENTRAL	13	19	80	0.04	0.1	0.2	B	A*C	COALFIELD TYPE	
060991	200428.8	56.12	-3.72	293.0	693.6	1.7	1.3	CLACKMANNAN,CENTRAL	18	19	80	0.16	0.4	0.7	C	B*C	COALFIELD TYPE	
011091	041848.5	56.12	-3.72	293.0	693.7	2.2	1.2	CLACKMANNAN,CENTRAL	18	19	80	0.15	0.4	0.6	B	A*C	COALFIELD TYPE	
231091	002007.9	56.12	-3.72	293.0	693.5	1.7	1.5	CLACKMANNAN,CENTRAL	22	19	80	0.16	0.4	0.6	C	B*C	COALFIELD TYPE	
061191	044321.7	56.12	-3.72	293.3	693.6	0.8	0.3	CLACKMANNAN,CENTRAL	9	19	122	0.12	0.6	0.9	B	A*C	COALFIELD TYPE	
071191	063159.0	56.12	-3.72	293.4	693.2	6.1	1.1	CLACKMANNAN,CENTRAL	12	19	82	0.11	0.4	0.6	B	A*C	COALFIELD TYPE	
150291	230525.2	56.12	-3.71	293.6	693.0	0.7	0.7	CLACKMANNAN,CENTRAL	11	19	120	0.09	0.4	0.6	B	A*C	COALFIELD TYPE	
230291	204119.0	56.12	-3.71	293.6	693.7	0.7	1.5	CLACKMANNAN,CENTRAL	3+	18	19	82	0.18	0.4	0.8	C	B*C	COALFIELD TYPE, FELT AT BIRKHILL
290391	133813.1	56.12	-3.71	293.4	693.2	0.9	1.8	CLACKMANNAN,CENTRAL	3+	23	19	79	0.14	0.3	0.5	B	A*C	COALFIELD TYPE, FELT CLACKMANNAN AREA
120391	034521.5	56.12	-3.70	294.1	693.1	0.1	1.4	CLACKMANNAN,CENTRAL	20	19	84	0.21	0.5	0.8	C	B*C	COALFIELD TYPE	
250391	184719.9	56.12	-3.70	294.2	693.6	1.0	1.7	CLACKMANNAN,CENTRAL	19	18	83	0.07	0.2	0.3	B	A*C	COALFIELD TYPE	
270391	215326.5	56.12	-3.70	294.1	693.4	0.6	1.4	CLACKMANNAN,CENTRAL	17	19	84	0.07	0.2	0.3	B	A*C	COALFIELD TYPE	
220691	031703.4	56.12	-3.70	294.0	693.7	0.2	1.1	CLACKMANNAN,CENTRAL	12	18	85	0.17	0.5	0.8	C	B*C	COALFIELD TYPE	
110191	060548.5	56.12	-3.69	294.8	693.0	1.7	0.6	FOREST MILL,CENTRAL	6	18	243	0.36	11.3	13.5	D	D*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS	
021191	030126.3	56.10	-3.94	279.3	691.0	1.9	0.2	STIRLING,CENTRAL	10	16	107	0.16	0.7	1.1	C	B*C		
190491	200455.4	56.10	-3.68	295.3	691.1	0.5	0.4	CLACKMANNAN,CENTRAL	6	20	150	0.26	2.4	3.1	C	B*C	COALFIELD TYPE	
061191	225711.2	56.09	-3.95	278.8	689.9	8.3	0.2	STIRLING,CENTRAL	8	14	109	0.08	0.5	3.3	B	B*B		
160691	083711.3	56.07	-4.88	221.0	690.7	4.0	2.0	ARDENTINNY,STRATHCLYDE	3+	13	27	210	0.15	1.2	1.3	C	B*D	FELT CLYNDER (3 MSK)
150491	222804.3	56.07	-4.49	245.0	689.2	1.0	0.0	DRYMEN,CENTRAL	6	16	183	0.36	3.9	4.5	D	C*D	MAGNITUDE FROM VERTICALS	
091191	084901.9	56.04	3.62	750.1	696.9	4.9	3.3	CENTRAL NORTH SEA	14	373	209	0.24	5.8	3.2	D	D*D		
290191	100747.3	56.03	-5.29	194.9	686.8	2.6	0.6	LOCH FYNE,STRATHCLYDE	5	40	333	0.02	1.6	1.0	C	B*D		
300591	035702.3	56.00	-4.41	249.6	681.2	2.9	-0.1	QUINLOCH MUIR,CENTRAL	4	20	223	0.02	0.0	0.0	C	A*D	MAGNITUDE FROM VERTICALS	
241191	024637.4	55.97	-4.48	245.0	678.0	4.1	0.5	MILNGAVIE,STRATHCLYDE	9	21	151	0.41	2.1	5.1	C	C*C	EPICENTRE IN KILPATRICK HILLS	
190291	195102.0	55.97	-4.40	250.5	677.8	2.5	1.4	MILNGAVIE,STRATHCLYDE	28	19	130	0.23	0.5	0.7	C	B*C		
180891	022607.5	55.97	-4.38	251.4	677.5	2.3	0.3	MILNGAVIE,STRATHCLYDE	6	18	204	0.29	2.1	1.8	C	B*D		
241191	030849.3	55.96	-4.46	246.2	677.2	9.8	0.7	MILNGAVIE,STRATHCLYDE	10	22	144	0.48	2.6	15.0	C	C*C	EPICENTRE IN KILPATRICK HILLS	
010391	195736.4	55.96	-4.39	250.6	677.2	2.3	0.7	MILNGAVIE,STRATHCLYDE	13	18	129	0.18	0.6	0.9	C	B*C		
050391	214341.2	55.96	-4.39	250.6	677.1	4.1	1.6	MILNGAVIE,STRATHCLYDE	26	18	129	0.18	0.4	0.8	C	B*C		
180491	120705.0	55.96	-4.38	251.3	677.2	5.6	1.0	MILNGAVIE,STRATHCLYDE	14	18	126	0.12	0.4	1.2	B	A*C		
010491	180813.5	55.95	-4.17	264.3	675.2	5.5	0.7	KIRKINTILLOCH,S'CLYDE	17	6	87	0.08	0.3	0.4	B	A*B		
130891	043623.0	55.93	-4.26	259.0	672.6	2.6	1.0	MILNGAVIE,STRATHCLYDE	19	12	123	0.07	0.2	0.8	B	A*C		
130891	045048.7	55.93	-4.26	259.0	672.6	2.7	0.2	MILNGAVIE,STRATHCLYDE	13	12	123	0.06	0.2	1.1	B	A*C		
171091	154531.6	55.92	-5.39	188.4	675.2	6.1	1.0	LOCH FYNE,STRATHCLYDE	4	72	354	0.10	0.0	0.0	C	A*D		
120991	041629.1	55.92	-4.38	251.3	672.0	0.5	-0.5	MILNGAVIE,STRATHCLYDE	6	14	176	0.16	1.4	1.4	C	B*C		
290391	092748.0	55.88	-6.15	140.4	673.4	3.2	2.1	ISLAY,STRATHCLYDE	23	69	248	0.26	2.0	2.9	C	B*D		
110991	231505.3	55.88	-3.09	331.8	665.4	5.4	0.0	LASSWADE,LOTHIAN	6	8	215	0.01	0.2	0.3	C	A*D	COALFIELD TYPE	
270291	082101.1	55.87	-3.14	328.8	664.1	1.7	0.3	ROSEWELL,LOTHIAN	6	7	175	0.07	0.6	0.8	B	A*C	COALFIELD TYPE	
300691	204557.4	55.86	-3.11	330.8	663.8	1.0	0.2	LASSWADE,LOTHIAN	6	8	195	0.04	1.3	1.1	C	B*D	COALFIELD TYPE	
301091	200306.3	55.86	-3.11	330.3	663.1	1.6	0.1	LASSWADE,LOTHIAN	6	9	185	0.07	0.7	0.8	C	A*D	COALFIELD TYPE	

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070491	230742.0	55.62	-3.39	312.4	637.1	6.7	0.5	BROUGHTON, BORDERS	10	25	190	0.19	2.5	3.2	D	C*D	
240791	140037.3	55.58	-3.14	328.1	632.9	3.6	0.6	INNERLEITHEN, BORDERS	8	22	138	0.30	2.9	7.6	C	C*C	
091191	071953.3	55.45	-3.44	308.6	618.6	5.5	0.1	TWEEDSMUIR, BORDERS	5	21	300	0.07	0.6	0.4	C	A*D	
021291	195645.9	55.43	-3.56	301.3	616.8	2.5	0.1	ELVANFOOT, STRATHCLYDE	9	26	248	0.09	2.1	1.4	C	B*D	
130891	032056.6	55.38	-6.01	146.2	616.8	3.5	1.5	KINTYRE, STRATHCLYDE	19	26	216	0.31	1.7	2.2	D	C*D	OFFSHORE LOCATION, WEST OF KINTYRE
280591	033904.0	55.33	-3.76	288.4	605.2	2.7	0.7	SANQUHAR, D & G	20	35	144	0.41	1.7	3.7	C	C*C	
271291	014934.0	55.30	-3.59	299.4	602.0	6.3	1.3	BEATTOCK, D & G	17	24	158	0.08	0.3	0.4	B	A*C	
020891	011143.3	55.30	-3.12	329.1	601.5	2.9	0.6	CRAIK MUIR, D & G	4	6	258	0.05	0.0	0.0	C	A*D	
170491	004909.8	55.29	-3.14	327.9	600.1	2.9	0.6	ESKDALEMUIR, D & G	4	5	233	0.13	0.0	0.0	C	A*D	
051291	144114.7	55.24	-2.89	343.1	594.3	4.1	0.6	LANGHOLM, D & G	5	16	191	0.08	0.5	1.7	C	A*D	LOCATED 10KM NORTHEAST OF LANGHOLM
270691	155928.4	55.24	-1.66	421.4	593.7	1.9	0.9	HEBRON, NORTHUMBERLAND	4	47	273	0.03	0.0	0.0	C	A*D	
111191	232536.8	55.21	-3.97	274.7	592.3	8.2	0.6	MONIAIVE, D & G	15	38	161	0.21	1.2	43.7	C	C*C	
100791	121352.6	55.17	-3.41	309.9	587.5	0.1	0.8	JOHNSTONEBRIDGE, D & G	14	18	244	0.17	1.4	1.1	C	B*D	
281091	103444.5	55.14	-3.56	300.3	584.3	2.6	0.2	LOCHMABEN, D & G	4	28	329	0.05	0.0	0.0	C	A*D	WEST OF LOCHMABEN
120791	034818.8	55.12	-3.57	299.6	581.9	4.6	0.6	LOCHARBRIGGS, D & G	10	29	257	0.22	2.1	3.1	C	B*D	
240991	044041.4	55.11	-3.59	298.6	580.3	7.8	0.5	DUMFRIES, D & G	4	31	332	0.01	0.0	0.0	C	A*D	
030891	015204.7	55.10	-3.64	295.6	579.8	4.0	1.3	DUMFRIES, D & G	7	33	160	0.21	2.8	9.3	C	C*C	
070891	122219.5	55.10	-3.61	297.1	579.3	2.5	1.7	DUMFRIES, D & G	26	32	64	0.39	0.8	1.8	C	C*C	
060891	120416.5	55.10	-3.58	299.3	579.9	3.2	1.6	DUMFRIES, D & G	26	30	163	0.39	1.3	2.7	C	C*C	
240991	021713.0	55.09	-3.61	297.4	578.2	5.9	1.4	DUMFRIES, D & G	20	32	105	0.21	0.8	4.1	C	B*C	
030891	045547.2	55.09	-3.52	302.9	578.5	0.2	0.7	DUMFRIES, D & G	11	27	295	0.37	4.1	3.0	D	C*D	
280191	204521.0	55.06	-3.61	297.4	575.5	3.2	1.1	DUMFRIES, D & G	16	31	157	0.29	2.3	4.4	C	B*C	
120291	061705.9	54.93	-1.22	150.0	559.4	2.9	1.5	RYHOPE, TYNE & WEAR	7	51	310	0.20	5.9	7.6	D	D*D	OFFSHORE, COALFIELD TYPE
071191	020027.9	54.84	-2.61	696.1	559.1	10.0	2.3	CENTRAL NORTH SEA	11310	332	0.70139	0.164	9	D	D*D	WEAKLY RECORDED	
080791	012742.9	54.81	-1.29	445.8	546.1	0.4	1.4	SEAHAM, CO DURHAM	20	60	252	0.30	2.1	1.5	C	B*D	COALFIELD TYPE
120691	044618.9	54.80	-1.24	448.5	544.8	0.4	1.5	SEAHAM, CO DURHAM	6	63	316	0.07	8.0	5.5	D	D*D	COALFIELD TYPE
090591	203737.8	54.78	-3.01	335.1	543.3	7.3	0.6	SEBERGHAM, CUMBRIA	10	44	123	0.29	0.9	3.3	C	B*C	
190491	034827.2	54.77	-1.29	445.5	541.9	1.1	1.6	PETERLEE, CO DURHAM	7	60	317	0.16	9.5	6.8	D	D*D	COALFIELD TYPE
200591	125902.1	54.74	-3.40	309.7	539.1	9.6	1.5	ALLERBY, CUMBRIA	20	27	87	0.25	0.7	3.0	C	B*C	
300191	033240.0	54.74	-2.84	345.8	538.8	8.5	0.4	PLUMPTON, CUMBRIA	11	42	102	0.18	0.7	25.6	C	C*C	
121191	003410.6	54.72	-1.31	444.3	536.0	0.3	1.2	PETERLEE, CO DURHAM	13	11	171	0.26	1.0	1.0	C	B*C	COALFIELD TYPE
090891	181637.3	54.67	-3.10	328.8	531.1	10.1	1.1	SKIDDAW, CUMBRIA	18	31	74	0.25	0.7	9.4	C	C*C	
101091	082707.5	54.64	-3.33	314.1	528.4	7.1	1.1	COCKERMOUTH, CUMBRIA	21	18	64	0.36	0.9	1.8	C	C*C	
100891	173341.1	54.56	-2.87	343.5	518.7	8.1	1.1	MARTINDALE, CUMBRIA	20	22	65	0.30	0.9	17.3	C	C*C	
310191	174003.7	54.55	-3.32	314.4	518.4	9.0	0.4	LOWESWATER, CUMBRIA	10	12	121	0.21	1.6	4.6	B	B*B	
170591	034020.3	54.55	-0.17	518.1	518.9	1.8	1.6	WHITBY, N YORKSHIRE	8136	300	0.28	9.1	6.2	D	D*D	OFFSHORE LOCATION	
100691	072812.1	54.49	-3.13	327.1	510.6	6.1	0.6	STAKE PASS, CUMBRIA	15	22	128	0.25	0.9	1.3	C	B*C	
290591	032026.5	54.45	-2.14	390.8	506.5	1.0	0.9	BOWES MOOR, CO DURHAM	8	37	310	0.32	3.9	3.1	D	C*D	COLLAPSE TYPE EVENT, NEAR OLD MINE WORKINGS
050291	141906.0	54.43	-2.96	337.9	503.8	0.4	0.6	AMBLESIDE, CUMBRIA	6	9	278	0.15	0.9	0.6	C	B*D	
150991	060101.0	54.33	-2.56	363.7	492.9	3.9	0.1	SEDBERGH, CUMBRIA	5	12	254	0.01	0.4	0.4	C	A*D	
190491	030446.6	54.31	-2.96	337.3	490.5	2.5	0.7	RUSLAND, CUMBRIA	11	8	102	0.24	0.9	1.4	B	B*B	BY LAKE WINDERMERE
220491	200005.0	54.30	-2.54	364.9	489.2	6.0	0.1	SEDBERGH, CUMBRIA	5	9	250	0.04	1.3	0.9	C	B*D	
270491	023116.3	54.30	-2.53	365.2	489.1	6.0	0.2	SEDBERGH, CUMBRIA	6	9	252	0.06	1.3	0.8	C	B*D	
050191	113134.8	54.28	-3.15	324.9	488.1	3.1	0.4	WOODLAND FELL, CUMBRIA	4	12	190	0.14	0.0	0.0	C	A*D	NEAR TO BROUGHTON MILLS
230991	162219.3	54.25	-2.08	395.0	483.9	5.7	1.4	BISHOPDALE, N YORKS	19	26	92	0.26	0.9	1.8	C	B*C	NEAR WENSLEYDALE
070391	143734.6	54.24	-3.40	308.9	483.1	14.9	1.1	WHITBECK, CUMBRIA	19	6	147	0.25	0.9	1.0	C	B*C	OFFSHORE LOCATION
140491	194552.1	54.22	-2.79	348.6	481.2	2.8	0.9	MILNTHORPE, CUMBRIA	13	16	112	0.11	0.4	1.3	B	A*C	COLLAPSE TYPE EVENT
140191	214608.3	54.12	-2.22	385.7	469.7	7.1	0.6	FOUNTAINS FELL, N YORKS	11	23	174	0.19	0.5	1.3	C	B*C	
010191	074310.7	54.04	-2.56	363.3	461.2	10.2	0.4	GOODBER FELL, LANCS	9	7	175	0.14	1.1	1.4	C	B*C	15KM EAST OF LANCASTER
030291	025136.6	53.99	-1.17	454.3	455.7	1.9	1.0	YORK, N YORKSHIRE	13	30	266	0.17	3.1	2.1	D	C*D	
081191	063720.1	53.97	-2.68	355.4	453.1	13.2	1.6	ABBEYSTAD, LANCS	32	7	62	0.29	0.7	0.8	B	B*A	
070891	132644.6	53.85	-0.92	471.2	439.8	0.8	1.9	ELLERTON, HUMBERSIDE	10108	336	0.30	14.2	10.1	D	D*D		
170891	050223.1	53.76	-2.80	347.5	429.9	7.1	0.9	CLIFTON, LANCASHIRE	12	8	240	0.14	1.3	0.8	C	B*D	
080391	023546.1	53.72	-0.93	470.7	425.1	7.2	1.6	GOOLE, HUMBERSIDE	10108	339	0.21	4.8	6.4	D	C*D	COALFIELD TYPE	
230191	034230.3	53.67	-1.55	429.7	419.7	0.4	1.5	WAKEFIELD, W YORKSHIRE 3+	19	32	150	0.34	1.5	1.4	C	C*C	COALFIELD TYPE, FELT WAKEFIELD AREA
300191	030046.3	53.63	-1.43	437.7	414.5	0.5	1.5	HEMSWORTH, S YORKSHIRE	14	39	162	0.50	1.4	1.7	D	D*C	COALFIELD TYPE

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Table 2 (cont'd)

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230391	004656.6	53.53	-1.11	458.7	404.3	0.2	2.0	DONCASTER,S YORKSHIRE	15	41	202	0.27	1.3	1.2	C	B*D	COALFIELD	TYPE
240191	180210.7	53.51	-1.85	409.6	400.9	16.9	1.2	WOODHEAD,DERBYSHIRE	15	35	131	0.09	0.5	0.6	B	A*C		
151191	062952.6	53.51	-1.44	436.9	401.5	2.6	1.1	BARNSELY,S YORKSHIRE	11	51	315	0.19	3.6	6.2	D	C*D	COALFIELD	TYPE
310191	064201.0	53.48	-1.18	454.5	398.5	0.2	1.6	MALTBYS,S YORKSHIRE	9	60	169	0.18	1.4	1.8	C	B*D	COALFIELD	TYPE
080591	044224.1	53.47	-1.31	445.8	396.8	0.2	1.6	SWINTON,S YORKSHIRE	7	28	201	0.16	2.6	1.4	D	C*D	COALFIELD	TYPE, 7KM NE OF ROTHERHAM
070391	010040.0	53.46	-2.53	364.8	395.8	0.2	0.8	CULCHETH,CHESHIRE	9	44	327	0.21	6.2	5.3	D	D*D	COALFIELD	TYPE
150591	173029.7	53.46	-1.21	452.4	396.6	0.5	1.4	CLIFTON,S YORKSHIRE	9	31	170	0.44	2.4	3.1	C	C*C	COALFIELD	TYPE
181091	043142.9	53.42	-3.18	321.8	392.6	11.6	1.1	HOYLAKE,MERSEYSIDE	25	52	145	0.34	1.0	2.5	D	C*D		
290791	031140.6	53.40	-1.61	425.7	388.8	8.6	0.9	BRADFIELD MOOR,S YORKS	15	23	126	0.38	1.5	10.8	C	C*C		
050291	234847.4	53.40	-1.24	450.7	389.7	2.0	0.8	THURCROFT,S YORKSHIRE	8	25	161	0.12	1.0	1.1	B	A*C	COALFIELD	TYPE
021091	043420.0	53.40	-1.20	453.3	389.6	2.5	1.7	THURCROFT,S YORKSHIRE	24	27	122	0.32	0.8	1.0	C	C*C	COALFIELD	TYPE
311091	034212.1	53.40	-1.07	462.1	390.1	3.1	1.3	BLYTH,NOTTS	8	35	178	0.12	1.1	2.6	C	B*C	COALFIELD	TYPE, 4KM NORTH OF BLYTH
080191	013953.8	53.39	-1.17	455.4	388.1	3.9	1.4	FIRBECK,S YORKSHIRE	15	28	213	0.50	2.8	3.4	D	C*D	COALFIELD	TYPE
111091	195648.8	53.39	-1.02	465.1	388.5	3.4	1.3	RANSKILL,NOTTS	8	37	227	0.15	1.3	1.9	C	B*D	COALFIELD	TYPE
041091	153426.2	53.38	-4.30	247.1	389.7	18.4	0.8	DULAS,ANGLESEY	17	2	75	0.12	0.6	0.5	A	A*A	NORTHEAST	ANGLESEY
040991	180833.4	53.38	-1.19	453.9	387.0	1.1	1.8	DINNIGTON,S YORKSHIRE 2+	24	26	169	0.23	0.7	1.0	C	B*C	COALFIELD	TYPE, FELT MICKLEBRING
131191	013037.0	53.38	-0.97	463.5	387.6	3.0	0.9	BARNBY MOOR,NOTTS	5	40	308	0.27	5.5	7.0	D	D*D	COALFIELD	TYPE
160191	030831.0	53.37	-1.28	447.9	386.6	0.5	1.4	AUGHTON,S YORKSHIRE	3	21	201	0.27	2.2	1.8	C	B*D	COALFIELD	TYPE
141091	014046.1	53.37	-1.11	459.0	385.3	5.6	1.3	WORKSOP,NOTTS	11	30	127	0.43	1.9	4.1	C	C*C	COALFIELD	TYPE, CARLTON-IN-LINDRICK AREA
180191	150350.4	53.36	-1.61	426.0	384.4	7.7	1.2	SHEFFIELD,S YORKSHIRE	17	12	155	0.50	2.3	4.3	C	C*C	COALFIELD	TYPE
221091	012917.2	53.36	-1.15	456.5	385.1	1.0	1.2	GILDINGWELLS,S YORKS 2+	7	28	254	0.47	2.9	2.4	D	C*D	COALFIELD	TYPE, FELT BLYTH
221191	192855.9	53.36	-1.11	457.5	385.3	2.3	1.5	GILDINGWELLS,S YORKS	13	29	174	0.28	1.3	1.4	C	B*C	COALFIELD	TYPE
211191	025504.2	53.36	-1.06	462.5	385.5	1.0	0.9	BLYTH,NOTTS	5	33	304	0.31350.8261.4	D	D*D	COALFIELD	TYPE		
031291	041943.0	53.35	-1.16	455.9	383.9	1.0	1.4	WOODSETTS,NOTTS	14	27	122	0.40	1.3	1.8	C	C*C	COALFIELD	TYPE, NORTH OF WORKSOP
261091	002759.5	53.35	-1.06	462.4	383.7	2.0	1.6	WORKSOP,NOTTS	14	33	130	0.28	1.1	1.7	C	B*C	COALFIELD	TYPE, BROOMHILL WOOD AREA
210591	232215.9	53.34	-2.78	348.0	383.1	10.9	1.3	WIDNES,CHESHIRE	33	51	67	0.28	0.6	2.5	C	B*D		
241091	030035.1	53.34	-1.08	461.3	382.7	0.4	1.4	WORKSOP,NOTTS	12	31	128	0.62	1.6	2.0	D	C*	COALFIELD	TYPE, CARLTON FARM AREA
030891	032049.6	53.33	-4.28	248.1	383.8	18.4	0.1	MOELFRE,ANGLESEY	8	8	252	0.05	0.6	0.5	C	A*D		
011291	160408.1	53.33	-1.09	460.3	381.5	0.2	1.3	WORKSOP,NOTTS	12	30	126	0.37	1.3	1.8	C	C*C	COALFIELD	TYPE
251191	181005.0	53.33	-1.07	461.9	382.3	1.0	1.6	WORKSOP,NOTTS	14	32	129	0.19	0.7	1.2	C	B*C	COALFIELD	TYPE, NORTHEAST OF WORKSOP
071291	052431.6	53.33	-0.96	469.3	382.5	0.5	1.1	RETFORD,NOTTS	9	39	190	0.33	1.8	2.0	D	C*D	COALFIELD	TYPE, EAST OF RETFORD
240491	031403.0	53.32	-2.33	344.6	380.4	8.1	1.6	SPEKE,MERSEYSIDE	29	54	74	0.24	0.5	1.8	C	B*D		
041291	033032.6	53.32	-1.05	463.1	380.6	0.2	1.2	WORKSOP,NOTTS	11	32	129	0.25	0.8	1.1	C	B*C	COALFIELD	TYPE, NORTHEAST OF WORKSOP
150291	163013.4	53.32	3.22	747.6	393.1	0.4	2.4	SOUTHERN NORTH SEA	6131	335	0.11	6.9	3.1	D	D*D			
150191	143216.8	53.31	-1.29	447.2	379.5	5.2	1.6	ECKINGTON,DERBYSHIRE	13	17	198	0.43	2.5	2.7	D	C*D	COALFIELD	TYPE
070891	143252.9	53.30	-1.70	419.7	378.7	2.1	1.6	TIDESWELL,DERBYSHIRE	18	29	153	0.20	0.9	0.8	C	B*C		
080291	183739.6	53.29	-2.61	359.2	376.8	7.5	1.1	WEAVERHAM,CHESHIRE	31	60	90	0.26	0.5	1.7	C	B*D		
281091	193848.0	53.29	-1.12	458.8	376.9	0.5	0.9	WORKSOP,NOTTS	6	27	289	0.40	23.3	16.4	D	D*D	COALFIELD	TYPE
170591	220253.4	53.28	-1.88	408.1	375.5	0.5	1.2	BUXTON,DERBYSHIRE	8	23	135	0.44	2.3	2.8	C	C*C	COALFIELD	TYPE
250491	233217.1	53.28	-0.89	474.2	376.0	0.2	0.6	ASKAM,NOTTS	4	43	298	0.12	0.0	0.0	C	A*D	COALFIELD	TYPE
151091	052755.6	53.27	-1.52	431.9	374.5	0.1	1.4	CHESTERFIELD,DERBS	6	1	173	0.09	0.6	0.3	B	A*C	COALFIELD	TYPE
050691	015337.3	53.27	-1.28	447.9	374.8	1.4	1.0	CLOWNE,DERBYSHIRE	6	16	277	0.09	2.3	1.7	C	B*D	COALFIELD	TYPE
191191	000110.2	53.27	-1.03	464.3	374.8	0.5	1.1	THORESBY,NOTTS	8	33	230	0.44	4.8	4.6	D	C*D	COALFIELD	TYPE, 5KM NORTH OF THORESBY
101091	055000.2	53.25	-1.68	421.5	372.3	4.4	1.5	GT LONGSTON,DERBYSHIRE	10	10	118	0.74	4.8	9.2	D	D*C	COALFIELD	TYPE
150391	134343.4	53.23	-1.77	415.3	370.0	0.3	1.4	TADDINGTON,DERBYSHIRE	7	17	188	0.47	5.4	10.7	D	D*D	COALFIELD	TYPE
220491	205718.9	53.22	-1.02	465.3	369.3	1.0	0.7	OLLERTON,NOTTS	6	34	283	0.21	13.2	9.2	D	D*D	COALFIELD	TYPE
081091	015529.6	53.21	-1.22	452.3	367.9	0.2	1.1	SHIREBROOK,NOTTS	12	21	262	0.47	4.3	3.3	D	C*D	COALFIELD	TYPE, NORTH OF MANSFIELD
210691	024636.4	53.21	-1.20	453.2	369.0	0.2	0.8	SHIREBROOK,NOTTS	6	22	266	0.49	5.9	4.9	D	D*D	COALFIELD	TYPE
170691	214209.2	53.21	-1.19	454.1	368.7	0.5	1.2	SHIREBROOK,NOTTS	11	23	203	0.36	2.0	2.1	D	C*D	COALFIELD	TYPE
210691	225658.0	53.21	-1.19	453.9	368.9	2.5	1.2	SHIREBROOK,NOTTS	12	23	203	0.36	1.9	2.2	D	C*D	COALFIELD	TYPE
140991	130422.8	53.20	-3.72	285.1	367.9	13.0	1.3	LLANRWST,GWYNEDD	24	14	196	0.12	0.5	0.3	C	A*D		
111091	035350.5	53.20	-1.30	447.0	367.2	0.5	1.0	BRAMLEY VALE,NOTTS	8	17	195	0.33	1.9	2.5	D	C*D	COALFIELD	TYPE
200591	032530.3	53.20	-1.25	449.9	366.8	8.4	1.3	GLAPWELL,NOTTS	8	20	200	0.42	3.5	23.5	D	C*D	COALFIELD	TYPE, 6KM NNW OF MANSFIELD
020391	113040.1	53.20	-1.22	451.9	367.4	5.0	1.6	MANSFIELD,NOTTS 2+	6	21	295	0.59	5.7	4.5	D	D*D	COALFIELD	TYPE, FELT PLEASLEY AREA
310591	052914.0	53.20	-1.20	453.7	367.1	2.5	1.1	WARSOP PARK FARM,NOTTS	8	23	196	0.23	1.6	1.8	C	B*D	COALFIELD	TYPE, 7KM NORTH OF MANSFIELD
200691	010851.3	53.20	-1.20	453.6	367.7	0.4	1.3	SHIREBROOK,NOTTS	13	23	199	0.21	0.8	0.9	C	B*D	COALFIELD	TYPE

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101091	013256.7	53.20	-1.20	453.4	367.3	1.0	0.5	SHIREBROOK, NOTTS	8	23	197	0.40	2.7	3.1	D	C*D	COALFIELD	TYPE	
191191	035415.5	53.20	-1.07	461.8	367.4	0.5	1.1	EDWINSTOWE, NOTTS	8	31	207	0.12	0.9	1.0	C	A*D	COALFIELD	TYPE	
170591	011037.7	53.19	-1.81	412.5	365.6	0.1	0.8	HIGH NEEDHAM, DERBS	6	19	183	0.18	1.1	1.2	C	B*D	COALFIELD	TYPE	
120991	200308.0	53.19	-1.29	447.6	366.6	1.4	1.3	MANSFIELD, NOTTS	16	17	257	0.40	2.7	2.3	D	C*D	COALFIELD	TYPE	
181091	023502.1	53.19	-1.24	450.6	366.1	0.1	1.2	SHIREBROOK, NOTTS	10	20	136	0.60	2.1	3.5	D	C	COALFIELD	TYPE	
210291	183812.9	53.19	-1.23	451.7	366.0	0.4	1.5	MANSFIELD, NOTTS	7	21	306	0.21	4.3	2.9	D	C*D	COALFIELD	TYPE,	FELT PLEASLEY AREA
180691	235710.8	53.19	-1.20	453.6	366.5	0.5	0.6	SHIREBROOK, NOTTS	6	23	195	0.10	1.1	0.9	C	B*D	COALFIELD	TYPE	
050191	002344.0	53.19	-1.13	458.4	365.9	0.4	1.6	CLIPSTONE, NOTTS	9	28	268	0.31	4.6	4.2	D	C*D	COALFIELD	TYPE	
210691	060203.4	53.19	-1.09	460.6	366.6	1.0	1.2	EDWINSTOWE, NOTTS	8	30	203	0.23	1.7	1.9	C	B*D	COALFIELD	TYPE	
270991	205611.6	53.18	-1.21	452.7	365.6	5.3	1.5	MANSFIELD, NOTTS	18	23	136	0.28	0.8	2.0	C	B*C	COALFIELD	TYPE	
040691	002750.5	53.18	-1.20	453.2	365.3	1.0	1.3	LITTLEWOOD, NOTTS	12	23	190	0.16	0.7	0.9	C	B*D	COALFIELD	TYPE,	5KM NORTH OF MANSFIELD
091091	232028.5	53.18	-1.18	454.9	364.7	0.5	1.3	MANSFIELD, NOTTS	19	25	140	0.38	1.2	1.8	C	C*C	COALFIELD	TYPE	
010891	012040.1	53.18	-1.17	455.8	364.7	0.1	1.0	MANSFIELD, NOTTS	15	45	159	0.11	0.4	0.6	B	A*C	COALFIELD	TYPE	
031091	011303.8	53.17	-1.34	444.1	363.8	0.1	1.0	PILSLEY, NOTTS	8	16	230	0.15	1.5	1.6	C	B*D	COALFIELD	TYPE,	WEST OF MANSFIELD
120991	220630.8	53.17	-1.31	446.2	363.7	0.3	1.1	MANSFIELD, NOTTS	20	18	162	0.45	0.6	0.8	C	C*C	COALFIELD	TYPE	
070691	195657.1	53.17	-1.24	450.9	363.5	10.0	0.6	PLEASLEYHILL, NOTTS	9	22	180	0.25	2.4	12.1	C	C*C	COALFIELD	TYPE,	4KM NW OF MANSFIELD
220591	000520.5	53.17	-1.23	451.7	364.4	2.7	1.1	PLEASLEY, NOTTS	13	22	264	0.40	2.7	3.6	D	C*D	COALFIELD	TYPE,	6KM NE OF MANSFIELD
120991	074224.8	53.17	-1.23	451.2	364.2	0.2	1.3	MANSFIELD, NOTTS	15	22	253	0.35	4.2	3.1	D	C*D	COALFIELD	TYPE,	PLEASLEY HILL AREA
170991	013122.1	53.17	-1.19	454.1	364.4	1.7	1.4	MANSFIELD, NOTTS	26	24	136	0.44	1.2	1.9	C	C*C	COALFIELD	TYPE,	WOODHOUSE AREA
200491	033202.1	53.16	-1.33	441.4	363.1	0.2	0.1	PILSLEY, NOTTS	6	14	218	0.46	2.4	2.2	D	C*D	COALFIELD	TYPE,	7KM NW OF SUTTON-IN-ASHFIELD
220591	175338.3	53.16	-1.31	446.2	362.4	1.0	1.2	STANLEY, NOTTS	11	18	233	0.55	3.7	3.1	D	D*D	COALFIELD	TYPE,	7KM WNW OF MANSFIELD
060691	232454.2	53.16	-1.30	446.8	363.2	0.5	1.2	DOVEDALE, NOTTS	13	18	270	0.43	4.5	3.5	D	C*D	COALFIELD	TYPE,	5KM NW OF MANSFIELD
121091	000734.4	53.16	-1.29	447.3	362.6	5.6	1.2	TEVERSAL, NOTTS	11	19	194	0.26	1.3	1.7	C	B*D	COALFIELD	TYPE	
020391	210529.2	53.16	-1.28	448.2	363.3	4.2	1.1	MANSFIELD, NOTTS	8	19	175	0.20	2.7	7.7	C	C*C	COALFIELD	TYPE,	5KM NW OF MANSFIELD
091091	020337.4	53.16	-1.28	448.1	363.1	7.6	1.2	MANSFIELD, NOTTS	14	19	98	0.28	0.9	5.4	C	C*C	COALFIELD	TYPE,	NEWBOUND FARM AREA
060691	001540.1	53.16	-1.27	448.8	362.6	0.2	0.9	TEVERSAL, NOTTS	11	20	241	0.37	3.3	2.7	D	C*D	COALFIELD	TYPE,	5KM WEST OF MANSFIELD
170691	022842.6	53.16	-1.25	450.4	362.4	3.9	0.7	MANSFIELD, NOTTS	8	22	175	0.30	2.2	6.2	C	C*C	COALFIELD	TYPE,	MOORHAIG FARM AREA
150291	131307.4	53.16	-1.24	450.9	363.4	4.4	1.0	MANSFIELD, NOTTS	6	22	180	0.13	1.3	2.7	C	B*C	COALFIELD	TYPE,	FELT PLEASLEY AREA
120991	014428.2	53.16	-1.24	451.0	363.3	0.2	1.5	MANSFIELD, NOTTS	24	22	101	0.50	1.0	1.5	C	C*C	COALFIELD	TYPE,	PLEASLEY HILL AREA
280191	233527.6	53.16	-1.23	451.2	363.1	4.2	1.0	MANSFIELD, NOTTS	8	22	179	0.20	2.0	4.6	C	B*C	COALFIELD	TYPE	
140291	162034.1	53.16	-1.23	451.8	362.9	2.9	1.2	MANSFIELD, NOTTS	5	23	180	0.15	1.4	260.9	C	C*C	COALFIELD	TYPE,	FELT PLEASLEY AREA
140691	003437.1	53.16	-1.23	451.7	362.7	2.7	1.4	MANSFIELD, NOTTS	13	23	179	0.25	1.0	2.3	C	B*C	COALFIELD	TYPE,	NEW ENGLAND AREA
120691	083541.2	53.16	-1.20	453.4	363.4	0.5	1.0	MANSFIELD, NOTTS	8	24	184	0.16	0.6	0.7	C	B*D	COALFIELD	TYPE,	WOODHOUSE AREA
180991	032901.1	53.16	-1.20	453.6	363.0	2.5	1.9	MANSFIELD, NOTTS	20	24	134	0.22	0.8	1.5	C	B*C	COALFIELD	TYPE,	WOODHOUSE AREA
260991	234158.8	53.16	-1.18	455.0	362.5	7.1	1.4	MANSFIELD, NOTTS	10	26	137	0.28	1.3	4.5	C	B*C	COALFIELD	TYPE	
301191	035859.9	53.16	-1.08	461.5	363.5	0.2	1.7	CLIPSTONE, NOTTS	13	32	112	0.36	1.0	1.5	C	C*C	COALFIELD	TYPE	
200691	152210.5	53.15	-1.37	441.9	361.1	0.6	0.7	MORTON, DERBYSHIRE	6	16	214	0.14	1.8	1.9	C	B*D	COALFIELD	TYPE,	FELT CLAY CROSS AREA
151091	040100.8	53.15	-1.34	444.4	361.9	0.2	0.4	TIBSHELF, NOTTS	12	17	159	0.17	0.6	0.8	C	B*C	COALFIELD	TYPE,	WEST OF MANSFIELD
250991	024912.4	53.15	-1.32	445.5	362.2	1.3	1.4	MANSFIELD, NOTTS	22	18	192	0.49	1.7	1.8	D	C*D	COALFIELD	TYPE	
050291	072924.6	53.15	-1.28	448.4	361.4	2.8	1.2	SUTTON-N-ASHFIELD, NOTTS	10	21	168	0.24	1.0	2.0	C	B*C	COALFIELD	TYPE	
050291	113755.0	53.15	-1.21	452.7	361.6	0.5	1.6	MANSFIELD, NOTTS	9	24	205	0.29	1.8	2.4	C	B*D	COALFIELD	TYPE	
210291	044100.2	53.15	-1.20	453.3	362.3	0.1	1.2	MANSFIELD, NOTTS	15	24	180	0.41	1.3	1.8	C	C*C	COALFIELD	TYPE,	FELT PLEASLEY AREA
130291	042042.3	53.15	-1.05	463.8	362.4	0.5	0.7	OLLERTON, NOTTS	6	37	231	0.08	1.0	0.9	C	A*D	COALFIELD	TYPE,	FELT EDWINSTOWE
060691	062955.9	53.14	-1.42	438.7	360.1	0.4	1.3	STRETTON, DERBYSHIRE	9	15	248	0.14	2.8	1.9	D	C*D	COALFIELD	TYPE	
250591	053802.7	53.14	-1.33	445.0	360.5	2.2	1.3	TIBSHELF, NOTTS	22	19	212	0.41	1.5	1.6	D	C*D	COALFIELD	TYPE,	7KM WEST OF MANSFIELD
070691	231815.8	53.14	-1.32	445.6	360.7	2.6	0.4	MARLPITS FARM, NOTTS	6	19	227	0.13	1.5	221.1	D	C*D	COALFIELD	TYPE,	7KM WEST OF MANSFIELD
260991	051548.0	53.14	-1.30	446.8	360.7	7.8	1.1	MANSFIELD, NOTTS	12	20	163	0.28	1.4	6.0	C	C*C	COALFIELD	TYPE,	STANTON HILL AREA
280591	175001.6	53.14	-1.28	447.9	360.8	3.9	1.2	STANTON HILL, NOTTS	12	21	234	0.30	1.7	2.5	C	B*D	COALFIELD	TYPE,	FELT SHIREBROOK
110991	004843.5	53.14	-1.27	448.9	360.3	0.4	1.6	MANSFIELD, NOTTS	17	22	167	0.37	0.9	1.3	C	C*C	COALFIELD	TYPE,	STANTON HILL AREA
240191	141028.3	53.14	-1.23	451.5	360.4	0.1	1.6	MANSFIELD, NOTTS	10	24	203	0.22	1.4	1.2	C	B*D	COALFIELD	TYPE	
220591	040518.9	53.14	-1.22	452.2	360.6	1.6	1.5	MANSFIELD, NOTTS	7	24	204	0.11	0.9	0.9	C	A*D	COALFIELD	TYPE	
010391	143347.9	53.14	-1.18	455.2	360.6	0.2	1.6	MANSFIELD, NOTTS	15	27	178	0.35	1.4	1.9	C	C*C	COALFIELD	TYPE,	FELT PLEASLEY AREA
301191	032648.4	53.14	-1.04	464.4	361.2	0.5	0.3	BILSTHORPE, NOTTS	5	35	193	0.23	0.7	1.3	C	B*D	COALFIELD	TYPE	
120291	153905.0	53.13	-1.73	418.2	358.8	9.0	1.9	NEWHAVEN, DERBYSHIRE	17	14	207	0.24	1.2	1.8	C	B*D			
120691	173935.6	53.13	-1.34	444.0	359.4	0.3	0.8	NEWTON, NOTTS	5	19	219	0.16	2.1	2.9	C	B*D	COALFIELD	TYPE,	5KM WEST OF SUTTON-IN-ASHFIELD
161091	235622.8	53.13	-1.29	447.5	359.9	0.3	0.6	HUTHWAITE, NOTTS	6	21	231	0.15	1.8	1.9	C	B*D	COALFIELD	TYPE,	SUTTON-IN-ASHFIELD AREA

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180591	185024.4	53.13	-1.27	449.1	359.4	3.2	0.0	SUTTON-IN-ASHF'D, NOTTS	4	22	163	0.11	0.0	0.0	C	A*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS	
280191	105848.7	53.13	-1.24	450.6	359.2	1.8	1.6	MANSFIELD, NOTTS	8	42	286	0.20	5.4	4.1	D	D*D	COALFIELD TYPE	
010291	115726.0	53.13	-1.19	454.1	359.7	1.9	1.6	MANSFIELD, NOTTS	16	44	215	0.35	2.0	2.6	D	C*D	COALFIELD TYPE	
090291	082450.2	53.13	-1.17	455.4	359.6	0.3	1.3	MANSFIELD, NOTTS	18	43	215	0.45	3.1	2.0	D	C*D	COALFIELD TYPE	
080291	062837.1	53.12	-1.19	453.9	358.3	1.0	1.3	MANSFIELD, NOTTS	16	43	290	0.52	4.8	3.4	D	D*D	COALFIELD TYPE	
130691	044040.8	53.11	-1.22	452.2	357.6	2.7	0.5	MANSFIELD, NOTTS	7	26	241	0.34	3.0	5.6	D	C*D	COALFIELD TYPE, COXMOOR HOUSE AREA	
180991	222558.4	53.11	-1.22	451.9	357.1	2.8	1.4	MANSFIELD, NOTTS	15	26	146	0.57	2.7	5.5	D	D*C	COALFIELD TYPE	
080991	080950.3	53.10	-4.63	223.7	359.3	15.4	0.9	CAERNARVON BAY, GWYNEDD	19	17	191	0.12	0.5	1.0	C	A*D		
150391	233210.8	53.10	-1.00	467.3	357.0	1.0	0.5	BILSTHORPE, NOTTS	11	32	159	0.47	1.9	2.6	C	C*A	COALFIELD TYPE	
170291	180643.7	53.09	-2.17	388.6	354.6	9.0	2.3	STOKE-ON-TRENT, STAFFS	28	23	154	0.31	1.0	1.9	C	C*C	9KM NW OF STOKE-ON-TRENT	
030891	165202.8	53.08	-4.41	238.2	356.5	12.9	0.7	CAERNARVON BAY, GWYNEDD	21	11	123	0.10	0.3	0.3	B	A*B		
221191	220328.4	53.07	-1.41	439.7	352.6	0.7	0.1	LEY, NOTTS	5	22	123	0.32	3.4	8.4	D	C*D	COALFIELD TYPE	
021291	114234.2	53.05	-4.26	248.4	353.2	10.6	0.2	PENYGROES, GWYNEDD	9	14	114	0.10	0.5	1.8	B	A*B		
010291	055303.3	53.05	-1.95	403.0	350.7	2.6	0.9	IPSTONE, STAFFS	6	36	244	0.10	1.6	1.6	C	B*D		
121191	041945.8	53.04	-1.37	442.3	349.8	0.2	0.1	RIPLEY, DERBYSHIRE	6	26	197	0.57	0.7	1.0	D	D*D	COALFIELD TYPE	
070291	221818.7	53.04	-1.10	460.2	349.8	1.0	0.7	CALVERTON, NOTTS	6	36	221	0.57	6.0	9.0	D	D*D	COALFIELD TYPE	
300191	022228.8	53.03	-2.19	387.3	343.1	2.6	1.6	STOKE-ON-TRENT, STAFFS	22	23	152	0.26	0.9	2.5	C	B*C		
270191	224342.3	53.03	-2.17	388.6	347.7	4.6	1.7	STOKE-ON-TRENT, STAFFS	14	22	160	0.18	0.8	1.4	C	B*C		
020191	020921.3	53.02	-2.19	387.1	347.4	3.7	1.1	STOKE-ON-TRENT, STAFFS	5	24	302	0.03	1.1	0.9	C	B*D		
120391	092126.1	52.99	-3.98	266.3	345.7	16.1	1.0	BL. FFESTINIOG, GWYNEDD	26	2	78	0.13	0.3	0.5	A	A*A		
060991	030443.1	52.97	-4.11	238.2	341.1	24.5	0.8	LLEYN, GWYNEDD	15	2	114	0.06	0.3	0.4	B	A*B	LLEYN AFTERSHOCK	
270991	232801.8	52.97	-4.10	238.6	341.3	22.2	1.4	LLEYN, GWYNEDD	24	2	82	0.09	0.3	0.6	A	A*A	LLEYN AFTERSHOCK	
010791	171627.1	52.97	-1.39	239.3	344.3	22.8	1.1	LLEYN, GWYNEDD	22	2	83	0.13	0.5	0.7	A	A*A	LLEYN AFTERSHOCK	
260291	062011.4	52.96	-4.11	238.1	343.0	21.6	0.9	LLEYN, GWYNEDD	22	3	111	0.18	0.7	1.3	B	B*B	LLEYN AFTERSHOCK	
080891	072556.4	52.96	-4.39	239.4	342.5	22.3	1.1	LLEYN, GWYNEDD	21	4	179	0.09	0.4	0.6	B	A*C	LLEYN AFTERSHOCK	
151291	191425.3	52.96	-4.39	239.4	343.3	23.6	1.7	LLEYN, GWYNEDD	15	3	98	0.07	0.4	0.8	B	A*B	LLEYN AFTERSHOCK	
211091	181047.9	52.96	-4.38	239.9	343.0	24.6	0.8	LLEYN, GWYNEDD	24	4	87	0.09	0.3	0.5	A	A*A	LLEYN AFTERSHOCK	
060491	051430.8	52.95	-4.41	238.2	342.3	23.7	1.8	LLEYN, GWYNEDD	10	20	216	0.06	0.6	0.7	C	A*D	LLEYN AFTERSHOCK	
190191	062115.4	52.93	-4.37	240.8	339.4	12.9	0.6	LLEYN, GWYNEDD	17	7	98	0.16	0.6	0.7	B	B*B		
220891	024149.0	52.93	-2.34	377.0	337.2	14.9	1.2	MARKET DRAYTON, SHROPS	14	35	145	0.19	1.0	1.1	C	B*C	8KM NORTHEAST OF MARKET DRAYTON	
200391	022049.8	52.89	-4.95	201.4	336.2	7.3	1.7	LLEYN, GWYNEDD	16	23	261	0.14	1.1	1.9	C	B*D		
270291	040258.4	52.76	-2.39	374.0	318.4	7.2	1.6	NEWPORT, SHROPSHIRE	28	44	108	0.16	0.4	1.0	C	B*C		
120591	215608.1	52.73	-2.05	396.6	314.7	0.5	1.6	COFFICE FARM, STAFFS	2+	7	35	158	0.41	3.3	3.9	C	C*C	COALFIELD TYPE, FELT CANNOCK
070691	002913.0	52.62	-1.21	453.3	302.5	17.9	1.1	LEICESTER, LEICS	15	15	145	0.17	0.7	0.6	C	B*A	LEICESTER FOREST AREA	
250291	105554.3	52.57	-2.65	355.9	296.8	9.7	1.0	CHURCH STRETTON, SHROPS	7	17	221	0.23	3.4	6.6	D	C*D	10KM NE CHURCH STRETTON	
160691	055415.8	52.43	-3.41	304.0	282.7	13.1	2.8	NEWTOWN, POWYS	3+	29	37	64	0.29	0.7	1.1	C	B*C	FELT NEWTOWN AREA
030491	194555.4	52.14	-3.02	330.1	249.4	14.9	0.7	EARDISLEY, HEREFORD	5	16	220	0.15	0.6	0.6	C	B*D		
270691	162553.8	52.10	-2.61	358.4	244.6	14.7	2.2	WESTHIDE, HER & WORC	18	8	80	0.15	0.5	0.6	B	B*A	8KM NORTHEAST OF HEREFORD	
140891	132241.2	52.05	-3.53	294.7	240.3	14.9	2.3	BRECON, POWYS	20	18	135	0.17	0.6	0.5	B	B*B	15KM NORTHWEST OF BRECON	
220491	151048.0	52.00	-3.68	284.5	235.1	5.9	0.6	HALFWAY, DYFED	8	30	134	0.12	0.7	1.4	B	A*C	6KM EAST OF LLANDOVERY	
300191	062851.3	51.97	-1.60	427.6	230.0	5.9	1.6	OAKHAM, WARWICKSHIRE	16	66	215	0.21	1.3	2.7	C	B*D		
220891	183733.8	51.90	-4.18	250.4	224.3	7.8	1.7	CARMARTHEN, DYFED	22	17	90	0.28	0.6	1.2	C	B*C	8KM NNE OF CARMARTHEN	
110291	140116.2	51.80	-3.70	283.1	212.5	1.5	0.7	ABERCRAF, POWYS	7	32	154	0.20	2.1	1.9	C	B*C		
030791	004621.5	51.79	-2.32	378.1	210.2	14.9	1.2	RODLEY, GLOUCESTERSHIRE	4	32	273	0.04	0.0	0.0	C	A*D	7KM SW OF GLOUCESTER	
021091	084834.7	51.76	-2.91	337.3	207.3	23.4	0.5	RAGLAN, GWENT	9	15	172	0.11	0.9	1.2	B	A*C		
200591	194534.2	51.71	-3.01	330.3	201.5	7.0	0.8	PONTYPOOL, GWENT	5	16	218	0.23	3.9	10.3	D	C*D		
190591	092044.7	51.70	-3.31	309.6	201.5	0.2	0.8	BARGOED, MID GLAMORGAN	7	35	239	0.07	0.7	1.4	C	A*D	NORTHWEST OF BARGOED	
230391	001749.5	51.70	-3.30	310.6	201.4	0.2	1.0	BARGOED, MID GLAMORGAN	13	35	93	0.15	0.7	1.2	C	B*C	NORTHWEST OF BARGOED	
120391	211957.7	51.70	-3.29	310.7	201.0	0.3	0.8	ABERDARE, MID GLAMORGAN	10	34	173	0.08	0.4	0.7	B	A*C	7KM SOUTHEAST OF ABERDARE	
040491	041642.5	51.68	-3.06	326.5	198.3	0.2	2.1	PONTYWAUN, GWENT	25	18	128	0.40	0.6	1.0	C	C*C		
090191	012814.7	51.67	-3.29	310.8	197.4	2.6	1.2	GELLIGAER, M GLAMORGAN	3+	6	34	266	0.18	2.6	314.2	D	C*D	FELT EDWARDSVILLE AREA
190691	220709.6	51.55	-3.18	318.1	184.4	10.5	1.2	CAERPHILLY, M GLAMORGAN	11	28	130	0.09	0.6	1.7	B	A*C		
301191	144151.1	51.50	-4.41	232.9	180.8	17.2	2.2	BRISTOL CHANNEL	23	33	131	0.18	0.7	1.0	B	B*B		
280391	015059.2	51.46	-3.51	295.1	174.8	9.6	2.2	BRISTOL CHANNEL	18	53	123	0.18	0.7	2.0	C	B*D		
291291	125156.5	50.80	-4.95	192.1	104.0	8.1	0.6	TREVOSE HEAD, CORNWALL	7	39	220	0.15	2.6	127.6	D	C*D	NORTHEAST OF TREVOSE HEAD	
141291	133054.4	50.65	1.86	672.6	91.1	0.4	3.6	BOULOGNE, FRANCE	27	72	140	0.69	2.1	2.9	D	D*D		

CATALOGUE OF EVENTS : 1991

Table 2 (cont'd)

Listed in order of decreasing latitude

060991	231023.1	50.31	-5.55	147.7	51.9	2.9	0.7	ST IVES, CORNWALL	12	18	286	0.03	1.0	36.0	D	C*D	NORTHWEST OF ST IVES
150291	190937.7	50.30	-3.85	267.9	46.4	8.3	0.2	BIGBURY, DEVON	10	2	273	0.09	0.8	0.6	C	A*D	
200391	170821.6	50.22	-5.26	167.5	40.6	1.8	0.8	CAMBORNE, CORNWALL	12	4	311	0.05	0.7	1.1	C	A*D	MINING INDUCED, FELT CAMBORNE
260891	234222.8	50.18	-5.15	174.8	36.0	3.8	-1.0	ROSEMANOWES, CORNWALL	9	2	161	0.03	0.3	0.4	B	A*C	
190291	043657.3	50.16	-5.56	145.6	34.8	3.5	0.0	PENZANCE, CORNWALL	7	2	178	0.55	13.6	4.9	D	D*C	NORTHWEST OF PENZANCE
140891	015504.6	50.09	-5.11	177.3	25.4	1.7	-0.5	HELDFORD, CORNWALL	13	5	224	0.02	0.2	0.7	C	A*D	SOUTHEAST OF HELDFORD
140891	152632.7	50.09	-5.11	177.2	25.4	1.5	0.6	HELDFORD, CORNWALL	13	5	223	0.03	0.3	1.3	C	A*D	SOUTHEAST OF HELDFORD
240291	004009.2	50.06	-4.51	220.4	20.7	7.4	1.1	DODMAN POINT, CORNWALL	9	43	227	0.20	0.9	1.2	C	B*D	20KM SOUTHEAST OF DODMAN POINT
011191	042808.8	49.84	-5.41	154.7	-0.8	5.4	1.3	LIZARD POINT, CORNWALL	8	36	307	0.07	11.4	24.7	D	D*D	SOUTHWEST OF LIZARD POINT
131291	025939.7	49.12	-2.12	391.1	-87.1	8.2	0.1	ST AUBINS BAY, JERSEY	10	9	294	0.08	0.9	1.0	C	A*D	SOUTH OF ST AUBINS BAY
061291	193306.4	47.41	-0.10	543.3	-274.7	5.0	3.1	NANTES, FRANCE	8474	354	0.12361	1.8395	5.5	D	D*D		

CATALOGUE OF EVENTS : 1991

Table 3

Poorly located events

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
070191	123003.1	52.65	-1.19	454.9	306.7	1.0	1.4	GLENFIELD, LEICS		6142	318	0.10	0.4	0.5	C	A*D		POSSIBLE QUARRY BLAST
160191	1020							SONIC - BORDERS										FELT YETHOLM
040291	2042							SONIC - SUFFOLK										FELT CAPEL ST MARY, GREAT WENHAM, E BERGHOLT...
180291	154449.5	56.70	-3.79	290.6	757.5	4.3	1.0	PITLOCHRY, TAYSIDE		6	26	258	0.17	2.2	2.5	C	B*D	POSSIBLE QUARRYBLAST
120391	171918.4	57.65	-2.65	361.1	862.4	0.2	0.5	CORNHILL, GRAMPIAN		6	22	131	0.07	0.6	1.3	B	A*C	PROBABLE QUARRYBLAST
210391	1108							SONIC - NORFOLK										FELT NORWICH & EAST DEREHAM
260391	1129							SONIC - GRAMPIAN										FELT ABERDEEN AREA
270391	121024.8	54.64	-6.04	139.6	535.2	7.7	1.6	BELFAST, N IRELAND		10	45	180	0.16	1.0	4.7	C	B*D	QUARRYBLAST
060491	214251.9	50.22	0.00	542.5	37.6	5.0	1.7	ENGLISH CHANNEL		10	67	225	0.39	8*8	9.5	D	D*D	POSSIBLE EXPLOSION
090591	1357							SONIC - TYNE & WEAR										FELT TYNEMOUTH AREA
150591	0900							SONIC - KENT										FELT DOVER, SUSPECTED SONIC, NO SEISMIC DATA
210591	1426							SONIC - ANGLESEY										FELT AMLWCH, ANGLESEY
210591	1739							SONIC - ANGLESEY										FELT AMLWCH, ANGLESEY
210591	1825							SONIC - ANGLESEY										FELT AMLWCH, ANGLESEY
160691	182945.1	50.28	-4.12	249.0	44.3	3.0	2.3	EDDYSTONE LIGHTHOUSE		14	18	176	0.23	1.2	3.6	C	B*C	POSSIBLE EXPLOSION
280691	193124.9	50.19	-3.18	316.0	32.9	3.3	1.6	START POINT, DEVON		6124	349	0.10	51.6	39.5	D	D*D		POOR LOCATION (ERRORS IN TIME CORRECTIONS)
050791	1030							SONIC - NE ENGLAND										FELT ROTHBURY, BEDLINGTON, BLYTH, CRAMLINGTON...
280791	153240.0	57.32	-3.53	309.2	882.3	2.4	1.0	MORAY FIRTH		13	31	102	0.15	0.5	0.9	C	B*C	UNDERWATER EXPLOSION
231091	1315							SONIC - FIFE										FELT GLEN DEVON, DUNDEE...
101191	0311							SONIC - YORKSHIRE										FELT YORK AREA, POSSIBLE SONIC EVENT
201191	1111							SONIC - BORDERS										FELT GALASHIELS (11:11, 11:20 & 11:21 GMT)
211191	1223							SONIC - NORFOLK										FELT LODDON, CRINGLEFORD, BURSTON, BROOME...
251191	0932							NOTTINGHAM AREA	2+									COLLAPSE TYPE EVENT, MACROSEISMIC LOCATION
251191	0955							NOTTINGHAM AREA	2+									COLLAPSE TYPE EVENT, MACROSEISMIC LOCATION
251191	1151							NOTTINGHAM AREA	2+									COLLAPSE TYPE EVENT, MACROSEISMIC LOCATION
021291	151635.0	54.81	-5.01	206.5	550.6	5.0	2.1	NORTH CHANNEL		10152	326	1.12	30.4	37.9	D	D*D		UNDERWATER EXPLOSION
101291	152603.6	56.11	-2.97	340.0	691.7	4.7	1.7	FIRTH OF FORTH		11	25	139	0.10	0.6	1.3	B	A*C	UNDERWATER EXPLOSION
261291	162319.8	55.30	-3.83	283.6	602.1	0.7	0.8	SANQUHAR, D & G		8	40	272	0.29	6.3	5.9	D	D*D	POSSIBLE QUARRY BLAST

Table 4 : Geographical coordinates of seismograph stations operated by BGS, DIAS and Leeds University during 1991.

Code	Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
ABA	BACONSTHORPE	52.8875	1.1471	611.70	336.90	13	82-	1	BGS
AEA	E.ANGLIA UNIV	52.6208	1.2403	619.30	307.50	45	84-	m	BGS
APA	PACKWAY	52.2999	1.4779	637.10	272.60	35	84-	1	BGS
AWH	WHINBURGH	52.6299	0.9512	599.70	307.70	60	80-	1R	BGS
AWI	WITTON	52.8324	1.4460	632.09	331.69	35	83-	1	BGS
*BUWY	BURN	53.7424	-1.0668	461.54	427.76	13	85-91	1R	BGS
CBW	BUDOCK WATER	50.1482	-5.1144	177.53	32.29	98	81-	1	BGS
CCA	CARNMENELLIS	50.1864	-5.2277	169.62	36.87	213	81-	1	BGS
CCO	CONSTANTINE	50.1357	-5.1960	171.64	31.15	183	81-	1	BGS
CGH	GOONHILLY	50.0508	-5.1649	173.47	21.61	91	81-	1	BGS
CME	MENERDUE FARM	50.1760	-5.1903	172.24	35.61	178	82-	3R	BGS
CPZ	PENZANCE	50.1560	-5.5835	144.07	34.66	198	81-	1R	BGS
CR2	ROSEMANOWES 2	50.1669	-5.1687	173.74	34.53	152	81-	3	BGS
CRA	RAME	50.1648	-5.1921	172.06	34.36	198	82-	3	BGS
CRQ	ROSEMANOWES	50.1672	-5.1728	173.45	34.57	165	81-	SR	BGS
CSA	ST AUSTELL	50.3528	-4.8936	194.18	54.39	113	81-	1	BGS
CST	STITHIANS	50.1952	-5.1635	174.24	37.66	139	81-	1	BGS
CTR	TROLVIS QUARRY	50.1665	-5.1624	174.18	34.47	191	82-	3	BGS
CFW	CHARWOOD FST	52.7382	-1.3071	446.78	315.88	185	75-	3R	BGS
DCO	COMBE FARM	50.3200	-3.8724	266.72	48.42	410	82-	1R	BGS
DYA	YADSWORTHY	50.4352	-3.9309	262.89	61.33	280	82-	3R	BGS
EAB	ABERFOYLE	56.1881	-4.3400	254.80	701.95	250	69-	1R	BGS
EAU	AUCHINOON	55.8444	-3.4547	308.92	662.20	350	69-	1R	BGS
EBH	BLACK HILL	56.2481	-3.5081	306.56	707.19	375	69-	1R	BGS
EBL	BROAD LAW	55.7733	-3.0436	334.54	653.82	365	69-	1R	BGS
ECK	CAULDKAINE HILL	55.1812	-3.1271	328.24	588.02	337	81-	1R	BGS
EDI	EDINBURGH	55.9233	-3.1861	325.89	670.66	125	69-	4R	BGS
EDR	DRUMTOCHTY	56.9184	-2.5404	367.18	780.96	388	89-	1R	BGS
EDU	DUNDEE	56.5475	-3.0142	337.65	739.95	275	69-	1R	BGS
ELO	LOGIEALMOND	56.4706	-3.7119	294.55	732.24	495	69-	1R	BGS
*ESK	ESKDALEMUIR	55.3167	-3.2050	323.54	603.18	263	65-	4R	BGS
ESY	STONEYPATH	55.9177	-2.6144	361.60	669.57	328	81-	1R	BGS
GAL	GALLOWAY	54.8664	-4.7114	226.02	555.78	105	89-	4m	BGS
GCD	CASTLE DOUGLAS	54.8638	-3.9417	275.40	553.85	189	89-	1R	BGS
GCL	CUSHENDALL	55.076	-6.130	136.4	583.7	275	89-	1R	BGS
GIM	N ISLE OF MAN	54.2923	-4.4670	239.46	491.35	366	89-	1R	BGS
GMK	MULL OF KINTYRE	55.3459	-5.5936	172.18	611.65	160	89-	1R	BGS
GMM	MTS OF MOURNE	54.239	-5.951	142.6	489.8	140	89-	1R	BGS
HAE	ALDERS END	52.0376	-2.5475	362.45	237.88	224	82-	1R	BGS
*HBL2	BONNYLANDS	52.0508	-3.0384	328.80	239.72	440	91-	LR	BGS
HCG	CRAIG GOCH	52.3224	-3.6567	287.10	270.70	511	80-	1R	BGS
*HEX	HEXMOOR	51.0668	-3.8025	273.72	131.32	278	91-	1R	BGS
HGH	GRAY HILL	51.6380	-2.8064	344.20	193.64	210	80-	1R	BGS
HLM	LONG MYND	52.5169	-2.8878	339.76	291.41	259	84-	1	BGS
HPE	PEMBROKE	51.9371	-4.7745	209.27	230.18	355	90-	1R	BGS
HPK	HAVERAH PARK	53.9554	-1.6240	424.67	451.12	227	78-	3R	BGS
HSA	SWANSEA	51.7478	-4.1543	251.30	207.70	274	87-	1R	BGS
HTL	HARTLAND	50.9944	-4.4850	225.64	124.67	91	81-	4Rm	BGS
HTR	TREWERN HILL	52.0790	-3.2697	313.00	243.10	329	82-	1R	BGS
JLP	LES PLATONS	49.2428	-2.1039			131	81-	1R	BGS
*JQE	QUEENS EAST	49.200	-2.0380			56	91-	1	BGS
*JQS	QUEENS SOUTH	49.180	-2.0630			62	91-	1	BGS
*JQW	QUEENS WEST	49.196	-2.0570			73	91-	1	BGS
JRS	MAISON ST LOUIS	49.1924	-2.0917			53	81-	4R	BGS
JSA	ST AUBINS	49.1879	-2.1709			21	81-	1R	BGS
JVM	VALLE D.L.MARE	49.2169	-2.2068			64	81	1R	BGS

Table 4 : continued

Code	Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
KAC	ACHNASHELLACH	57.4999	-5.2982	202.40	850.29	330	83-	1R	BGS
KAR	ARISAIG	56.9175	-5.8302	166.90	787.20	225	83-	1	BGS
KBI	BIRLEY GRANGE	53.2546	-1.5278	431.50	373.20	270	88-	1	BGS
KEY	KEYWORTH	52.8774	-1.0751	462.24	331.54	75	88-	L	BGS
*KNR	NEVIS RANGE	56.8219	-4.9714	218.68	773.97	1118	91-	1R	BGS
KPL	PLOCKTON	57.3391	-5.6527	180.21	833.50	36	86-	4R	BGS
KSB	SHIEL BRIDGE	57.2098	-5.4230	193.30	818.39	70	83-	1R	BGS
KSK	SCOVAL	57.4653	-6.7020	118.09	851.40	250	89-	1R	BGS
KSY	SYSTON	52.9642	-0.5873	494.88	341.73	123	88-	1R	BGS
KTG	TILBROOK GRANGE	52.3261	-0.4007	508.98	271.03	78	88-	1	BGS
KUF	UFFORD	52.6175	-0.3895	509.02	303.45	35	88-	1R	BGS
KWE	WEAVER FARM	53.0163	-1.8435	410.50	346.60	320	88-	1R	BGS
LBO	BOWLAND	53.9790	-2.5728	362.44	453.83	320	89-	1R	BGS
LBH	MORECAMBE B102	54.0324	-2.9058	340.68	460.00	-85	90-	1R	BGS
LCK	CROOK	54.3595	-2.8715	343.37	496.36	200	89-	1R	BGS
*LCP	CASSOP	54.7368	-1.4741	433.86	538.12	185	91-	1R	BGS
LDU	LEEDS UNIV	53.8025	-1.5553	429.35	434.45	230	83-	m	BGS
*LHO	HOLMEFIRTH	53.5451	-1.8548	409.62	405.42	460	91-	1R	BGS
LKL	KIRKBY LONSDALE	54.2185	-2.5345	365.15	480.46	396	89-	3R	BGS
LLO	LONGRIDGE	53.8503	-2.5598	363.18	439.51	247	89-	3R	BGS
*LLY	LYTHAM ST ANNES	53.7976	-2.9069	340.27	433.88	33	89-91	1R	BGS
LMI	MILLOM	54.2206	-3.3070	314.79	481.35	140	89-	3R	BGS
*LMK	MARKET RASEN	53.4569	-0.3266	511.10	396.90	130	91-	1R	BGS
LMU	MORECAMBE MIC	54.0250	-2.9051	340.71	459.18	5	89-	m	BGS
*LRN	RICHMOND	54.4167	-1.7858	413.90	502.40	300	91-	1R	BGS
LRW	LERWICK	60.1360	-1.1779	445.66	1139.27	100	78-	4R	BGS
*LWH	WHINNY NAB	54.3335	-0.6714	486.38	493.94	265	91-	1R	BGS
MCD	COLEBURN DISTIL	57.5827	-3.2541	325.02	855.41	280	81-	4Rm	BGS
MCH	MICHAELCHURCH	51.9977	-2.9983	331.47	233.77	233	78-	4	BGS
MDO	DOCHFOUR	57.441	-4.363	258.2	841.4	366	81-	1R	BGS
MFI	FISHRIE	57.6116	-2.2953	382.36	857.97	220	88-	1R	BGS
MLA	LATHERON	58.305	-3.364	320.1	935.9	190	81-	1	BGS
MME	MEIKLE CAIRN	57.315	-2.965	341.9	825.3	455	81-	1	BGS
MVH	ACHVAICH	57.9232	-4.1816	270.79	894.70	198	84-	1	BGS
PCA	CARROT	55.700	-4.255	258.3	647.5	305	83-	1	BGS
PCO	CORRIE	55.988	-4.097	269.2	679.2	274	83-	1	BGS
PGB	GLENIFFERBRAES	55.810	-4.478	244.5	660.5	200	84-	3	BGS
PMS	MUIRSHIEL	55.846	-4.744	228.2	664.8	351	83-	1	BGS
SAN	SANDWICK	60.0176	-1.2386	442.44	1126.05	155	85-	1	BGS
SBD	BRYN DU	52.9055	-3.2588	315.35	335.01	497	80-	1	BGS
SSP	STONEY POUND	52.4177	-3.1119	324.39	280.59	417	90-	3	BGS
TBW	BRENTWOOD	51.6549	0.2911	558.47	197.66	82	89-	1R	BGS
TCR	COLCHESTER	51.8349	0.9125	601.26	219.23	40	89-	1R	BGS
TEB	EASTBOURNE	50.8188	0.1459	551.14	104.40	70	89-	1R	BGS
TFO	FOLKESTONE	51.1136	1.1406	619.79	139.67	188	89-	4	BGS
TSA	SEVENOAKS	51.2427	0.1558	550.46	151.55	170	89-	1	BGS
WAL	WALLS	60.2576	-1.6133	421.40	1152.60	170	80-	1	BGS
*WBR	BRONABER	52.8560	-3.8941	272.48	330.43	340	85-91	1R	BGS
*WCB	CHURCH BAY	53.3782	-4.5465	230.63	389.86	135	85-	4	BGS
WFB	FAIRBOURNE	52.6830	-4.0378	262.27	311.47	325	85-	1R	BGS
*WFF	FFESTINIOG	52.9788	-3.9877	266.56	344.26	500	86-91	Lm	BGS
WIM	ISLE OF MAN	54.1472	-4.6735	225.41	475.70	365	85-	1R	BGS
*WLC	LLYN CONWY	52.9956	-3.7788	280.63	345.77	440	85-91	3R	BGS
WLF	LLYNFAES	53.2893	-4.3966	240.27	379.64	65	85-	1	BGS
WME	MYNDD EILIAN	53.3966	-4.3034	246.86	391.37	130	85-	1R	BGS
WPM	PENMAENMAWR	53.2583	-3.9049	272.94	375.20	350	85-	1R	BGS

Table 4 : continued

Code	Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
*WST	STWLAN	52.975	-3.989	266.45	343.85	850	86-91	1R	BGS
*WVR	VYRNWY	52.7974	-3.6051	291.80	323.45	580	85-91	1mR	BGS
XAL	ALLENDALE	54.8617	-2.2147	386.22	551.91	462	83-	1R	BGS
XDE	DENT	54.5058	-3.4897	303.55	513.32	291	83-	1R	BGS
XSO	SOURHOPE	55.4925	-2.2511	384.13	622.11	495	83-	1R	BGS
YEL	YELL	60.5509	-1.0830	450.29	1185.55	200	79-	1	BGS
YLL	LLANBERIS	53.1402	-4.1704	254.84	362.57	162	84-	1R	BGS
YRC	RHOSCOLYN	53.2506	-4.5741	228.28	375.74	24	84-	1R	BGS
YRE	YR EIFL	52.9810	-4.4254	237.19	345.42	197	84-	1R	BGS
YRH	RHIW	52.8335	-4.6289	222.93	329.50	300	84-	1R	BGS
DCN	CROGHAN	53.3439	-7.2767			150	77-	1R	DIAS
*DLF	LYONS FARM	53.2958	-6.5314			96	91-	3	DIAS
DMU	KINGSCOURT	53.8989	-6.9106			280	77-	1R	DIAS
DMS	MERRION SQUARE	53.3406	-6.2486			5	90-	1	DAIS
ECB	CARRICKBYRNE	52.3661	-6.7811			125	81-	1R	DIAS
ECP	CARNSORE PT	52.1800	-6.3689			5	80-	3R	DIAS
ETA	TARA HILL	52.6958	-6.2100			140	82-	1R	DIAS
BMY	BINGLEY MOOR	53.8708	-1.8193	411.88	441.66	240	83-	1R	LDS
HHWY	HIGH HOYLAND	53.5867	-1.5973	426.65	410.11	205	83-	1R	LDS
OXWY	OXENHOPE MOOR	53.7908	-1.9798	401.33	432.74	438	83-	1R	LDS

- * BUWY (Leeds network) removed 01/03/91
- * ESK (Eskdalemuir network) microphones removed 21/08/91
- * HBL2 (Hereford network) installed 02/08/91
- * HEX (Devon network) installed 24/05/91
- * JQE, JQS, JQW (Jersey network) installed 07/11/91
- * KNR (Kyle network) installed 11/09/91
- * LCP, LHO, LWH (Leeds network) installed 14/06/91
- * LLY (Lancashire network) removed 18/11/91
- * LMK, LRN (Leeds network) installed 11/07/91
- * WBR, WVR (North Wales network) removed 29/10/91
- * WCB received low-gain seismometer on 31/10/91
- * WFF, WLC (North Wales network) removed 30/10/91
- * WST (North Wales network) removed 31/10/91
- * DLF (DIAS) installed 15/04/91

Agency codes:

BGS	British Geological Survey
DIAS	Dublin Institute of Advanced Studies
LDS	University of Leeds

Table 4 : continued

Component codes:

1	Single vertical seismometer
3	Orthogonal set of 3 seismometers
4	As in 3, above, plus one low-gain vertical
S	Orthogonal set of 3 strong motion seismometers plus one low-gain vertical seismometer
L	Single low-gain vertical seismometer
R	Station coordinates registered with the International Seismological Centre (ISC), England and the National Earthquake Information Centre (NEIC), USA
<i>R</i>	Station coordinates registered with the ISC and the NEIC on 13 November 1991.
m	Low-frequency microphone

KEY TO PHASE DATA ENCODING FORMAT

General description:

The format of the seismic data presented here was originally designed to allow direct entry onto a computer coding form. The system is described by Browitt (1985). Each line is coded according to the flag in column 80. Lines with 1, 2 or 3 in column 80 give epicentral details; those with a blank in column 80 contain phase information.

Epicentral details (1,2 or 3 in column 80):

.	1	2	3	4	5	6	7	8				
1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890				
DyMoYrNetwork	....Tape	..SLoc	...EventSec	.. Ccor	DekReader	.TLocality	.....	1				
	HrMnSe:c	Grid:e./	Grid:n	Dep:h	M:l	B:*	M:b	M:s	Io	Lat:...N	Lon:...E	2
No.DM	GapRm:s	Erh:.Erz:.Q	SQD	Comments	.....	.....	.....	.....	.....	.....	.....	3
CodeCoHrMnSec1	..Amp1	CP1QIU	Sec2..Amp2	CP2QIU	Amp.CPer	.MtAmp	.CPer	.MtJetp	Amod	PDist		
1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	

Line 1:

DyMoYr :Event date....Day, Month, Year.
Network :Name of network, eg LOWNET.
Tape :Analogue tape number on which event is recorded eg LN123.
S :Tape side when two sided recording selected eg 1 or 2.
Loc :Tape footage of event eg 1200.
Event :Event number on that tape eg 20.
Sec :Second length of jet-pen playout in mm, eg 12.
Ccor :Seconds error of internal clock (absolute minus clock time) eg -0.23.
Dek :Gain of replay deck eg 5.0.
Reader :Name of analyst.
T :Event type. Earthquake.. L=Local, R=Regional, T=Teleseism, E=unknown
Explosion... Q=Quarry, D=up to 10deg, A=further than 10deg
U=Unknown, S=Sonic
Locality :Closest generally known place or area, followed by region.

Line 2:

(: in field indicates decimal point)
HrMnSe:c :Hours, minutes and seconds of the origin time.
Grid:e./ :Kilometres east and north of the National grid origin.
Grid:n
Dep:h :Depth of event in kilometres.
(valid for A and possibly B quality events).
M:l :Richter local magnitude obtained from the method described in the Manual of Seismological Observatory Practice (MSOP).
B:* :MB* ,An approximation to MB as determined using stations at closer ranges (paragraph 3.3.2 in MSOP).
M:b :Body wave magnitude determined using the method described in MSOP.
M:s :Surface wave magnitude determined using the method described in MSOP.
Io :Maximum MSK intensity. 2+ indicates felt, no macroseismic details. 3+, 4+ etc indicates felt at MSK 3 or 4, but no survey carried out. 3,4,5 etc describes the maximum MSK intensity produced by the event
Lat:... :Latitude of event in degrees and decimal degrees, positive is north
N : (N) North or (S) South. Only inserted if no Lat sign convention +/- is in use.
Lon:... :Longitude of event in degrees and decimal degrees, negative is west
E : (E) East or (W) West. Only inserted if no Lon sign convention +/- is in use.

Line 3:

No.DM. GapRm:s.Erh:.Erz:.Q SQD : HYP071 output, see catalogue abbreviations
Comments :Descriptive remarks about felt area and other items of interest.

Phase data (column 80 blank):

Code :Station code eg EAB.
Co :Component, Z=Vertical, NS=North-South, EW= East-West.
HrMn :Time datum, Hours and Minutes for phase arrivals. -1 in Hr column indicates the end of the event.
Sec1 :Seconds to the first arrival. For local events this is either PN or PG. Subsequent P arrivals are not usually read as the location program HYP071 does not require them.
Amp1 :Trace amplitude (mm) of first motion of this arrival, for 3-component set.
C :Amp1 is H: half peak-peak, C: centre-peak, F or blank: peak-peak
A:log(ground amplitude in millimicrons)
P1 :Phase, normally P (= PN or PG) but any MSOB code possible.
Q :HYPO weighting factor to arrival. 0 or blank= full weighting to 4= zero weighting (ignore). 9= use P-S interval only for this line.
I :I=Impulsive (onset read better than 0.1s) or E=emergent (worse than 0.1s)
U :U=First motion up/compression or D=down/dilation.
Sec2..Amp2.CP2QIU: As for first arrival, but usually referring to S phase(SN,SG)
Amp :Trace amplitude in millimetres at the relevant part of the phase train for the magnitude type indicated in Mt.
ML:largest amplitude in trace, MB*: Maximum in P-phase.
MB:Maximum in first 25 seconds,MS: Rayleigh phase (Z,long period)
M :Equivalent to ML, but not used in the magnitude calculation.
C :As previous
Per :Period (secs) of Amp.
Mt :Magnitude type... ML ,B*, MB, MS.
Amp.CPer.Mt: As previous
Jetp :Jet pen sensitivity in volts/cm used on playout eg 0.25,1.0,2.5,10.0
Amod :Amplifier-modulator gain. Normally 100, 200, 400. Low-gain devices usually have a gain of 4.
P :If there is a polarity reversal in the system, this column=1.
Dist :Distance in kilometres to event from station.

010191	LANCS	LA 077	338	12.5	5.0DWR	LGOODBER FELL, LANCS	1
							2
							3
9	7	74310.76	363.34/ 461.18	10.2	0.4	54.045 -2.560	7
LBO	Z	074313.30	1.1 1.4 C B*C	15KM	EAST OF LANCASTER		19
LKL	Z	074314.71	P 2ED14.66	S	3E	0.25 200	22
LLO	Z	074314.98	P 2ED17.45	S	2EU		41
LCK	Z	074318.09	P 2ED17.95	S	3E		53
LMI	Z	074319.80	P 3E 22.65	S	3E		53
LMI	NS	0743	P 4E 26.40	S	3E		53
LMI	EW	0743	E	E	2.2HO.09ML	0.25 200	53
			E	E	2.6HO.10ML	0.25 200	53
020191	KEYWORTH	KW141		12.5	5.0WRIGHT	LSTOKE-ON-TRENT, STAFFS	1
							2
							3
5	24	302 0.03	387.07/ 347.37	3.7	1.1	53.023 -2.193	68
CFW	Z	020932.88	1.1 0.9 C B*D				68
CFW	NS	0209	P 3E 41.43	S	3		68
CFW	EW	0209				9.0HO.12ML	68
KWE	Z	020925.89	P 2E 29.05	S	3	6.7HO.11ML	24
KBI	Z	020930.46	P 2E 36.77	S	4		52
050191	KEYWORTH+	KW142		12.5	5.0WRIGHT	LCLIPSTONE, NOTTS	1
							2
							3
9	28	268 0.31	458.41/ 365.85	0.4	1.6	53.186 -1.126	51
CFW	Z	002354.02	4.6 4.2 D C*D	COALFIELD	TYPE		51
CFW	NS	0023	P 3E 60.29	S	3E		51
CFW	EW	0023				8.5HO.18ML	51
KWE	Z	002353.69	P 2E 60.51	S	3	14.5HO.28ML	52
KBI	Z	002349.59	P 2E				28
MCH	Z	002413.01	P 3E 35.72	S	2		183
MCH	NS	0024				4.5HO.16ML	183
MCH	EW	0024				4.0HO.18ML	183
SBD	Z	002408.51	P 4E 27.72	S	3		147
HLM	Z	002407.10	P 3E 25.04	S	4		144
050191	LANCS	LA 077	1710	12.5	5.0DWR	LWOODLAND FELL, CUMBRIA	1
							2
							3
4	12	190 0.14	324.92/ 488.14	3.1	0.4	54.283 -3.153	12
LMI	Z	113137.57	0.0 0.0 C A*D	NEAR TO BROUGHTON MILLS			12
LMI	NS	1131	P 2EU39.09	S	2E	0.25 200	12
LMI	EW	1131	E	EU	7.3HO.10ML	0.25 200	12
LCK	Z	113138.67	ED	E	4.7HO.09ML	0.25 200	12
			P 3E 41.61	S	3E		20
080191	KEYWORTH+	KW142		12.5	5.0FW/DWR	LFIRBECK, S YORKSHIRE	1
							2
							3
15	28	213 0.50	455.41/ 388.09	3.9	1.4	53.387 -1.167	28
KBI	Z	013958.62	2.8 3.4 D C*D	COALFIELD	TYPE		61
KWE	Z	014004.32	P 2E	S	2		73
CFW	Z	014006.69	P 2E 12.00	S	3		73
CFW	NS	0140	P 3E 14.89	S	3		73
CFW	EW	0140				7.7HO.12ML	73
MCH	Z	0140	49.60	S	3	7.0HO.14ML	198
MCH	NS	0140				4.2HO.10ML	198
MCH	EW	0140				3.0HO.12ML	198
SBD	Z	014018.89	P 3E 35.81	S	3		150
HAE	Z	0140	43.85	S	4		177
LMI	Z	014020.91	P 4E 37.40	S	4		169
LMI	NS	0140				4.0HO.21ML	169
LMI	EW	0140				2.5HO.15ML	169
LCK	Z	014019.26	P 3E 37.73	S	2		156
LKL	Z	014015.89	P 3E 30.62	S	2		129
LBO	Z	014013.12	P 3E 26.31	S	3		114
HPK	Z	014005.79	P 3E 13.50	S	2		70
HPK	NS	0140				6.0HO.11ML	70
HPK	EW	0140				7.5HO.12ML	70
090191	HEREFORD					5.0ABW/GDFL	GELLIGAER, M GLAMORGAN
							1
							2
6	34	266 0.18	310.81/ 197.42	2.6	1.2	3+ 51.668 -3.290	42
MCH	Z	012822.21	2.6314.2 D C*D	FELT EDWARDSVILLE AREA			42
MCH	NS	0128	P 1E 27.99	S	2		42
MCH	EW	0128				4.8HO.60ML	42
HGH	Z	012821.10	P 1ED25.14	S	2	5.0HO.70ML	42
HTR	Z	012822.78	P 3E 28.78	S	3		34
							46
100191	LOWNET+	LN 736		12.5	5.0DG/JHT	LCLACKMANNAN, CENTRAL	1
							2
							3
12	19	123 0.17	292.83/ 693.53	0.4	0.7	56.122 -3.724	19
EBH	Z	030013.77	0.5 0.9 C B*C	COALFIELD	TYPE		35
EAU	Z	030016.49	P 1EU16.96	S	1		40
EDI	Z	030017.42	P 2E 21.72	S	3		40
EDI	NS	0300	P 2EU23.29	S	2		40
EDI	EW	0300				1.6HO.28ML	40
EAB	Z	030017.51	P 2E 22.70	S	2	3.0HO.25ML	39
EDU	Z	030021.75	P 3E 30.30	S	2		65
ELO	Z	030017.93	P 4E				39
PCO	Z	030015.30	P 2EU18.91	S	2		28
PGB	Z	030020.96	P 3E 28.01	S	2		59
PGB	NS	0300				3.0HO.22ML	59
PGB	EW	0300				2.5HO.21ML	59
110191	LOWNET	LN 736		12.5	5.0DG/JHT	LFOREST MILL, CENTRAL	1
							2
							3
6	18	243 0.36	294.83/ 692.98	1.7	0.6	56.118 -3.692	18
EBH	Z	060551.79	11.3 13.5 D D*D	COALFIELD	TYPE, MAGNITUDE FROM VERTICALS		41
EAB	Z	060556.50	P 1IU54.72	S	2	14.0HO.07ML	39
ELO	Z	060556.01	P 3E 60.94	S	3	2.5HO.09ML	64
EDU	Z	060559.60	P 2E 61.05	S	3		39
			P 3E 67.69	S	3	4.1HO.20ML	64
140191	LANCS	LA 079	149	12.5	5.0DWR	LFOUNTAINS FELL, N YORKS	1
							2
							3
11	23	174 0.19	385.67/ 469.71	7.1	0.6	54.123 -2.219	23
LKL	Z	214612.99	0.5 1.3 C B*C				23
LBO	Z	214613.76	P 1IU15.82	S	1IU	0.25 200	28
			P 0IU17.01	S	3E		28

PHASE DATA : 1991

Table 5 (cont'd)

LLO Z	214615.30	P 3E	19.83	S 3E					38
LCK Z	214617.19	P 2E	23.00	S 3E					50
LMI Z	214622.81	P 4E	29.30	S 3E					72
LMI NS	2146			E	2.2H0.11ML		0.25	200	72
LMI EW	2146	E		E	2.0H0.13ML		0.25	200	72
HPK Z	214616.09	P 3E	21.40	S 2E					43
-1									
150191KEYWORTH+	KW143		12.5		5.0WRIGHTLLECKINGTON, DERBYSHIRE				1
	143216.82	447.18/	379.53	5.2 1.6		53.310	-1.292		2
13 17 198	0.43	2.5	2.7 D C*D	COALFIELD TYPE					3
CWF Z	143227.92	P 3E	36.02	S 2					64
CWF NS	1432				8.0H0.19ML		0.25	200	64
CWF EW	1432				10.3H0.12ML		0.25	200	64
KWE Z	1432		30.90	S 3					49
KBI Z	143220.67	P 2E	22.67	S 4					17
HPK Z	143228.68	P 3E	38.79	S 3					75
HPK NS	1432				22.5H0.22ML		0.25	200	75
HPK EW	1432				17.5H0.20ML		0.25	200	75
MCH Z	143246.59	P 3E	67.31	S 3					186
MCH NS	1432				7.5H0.12ML		0.25	200	186
MCH EW	1432				7.5H0.18ML		0.25	200	186
SBD Z	143239.21	P 3E	56.31	2					139
HAE Z	143243.88	P 3E	62.61	3					165
-1									
150191LOWNET+	LN 736		12.5		5.0DG/JHT LCLACKMANNAN, CENTRAL				1
	201048.56	292.56/	693.43	0.2 0.7		56.122	-3.728		2
12 20 110	0.18	0.6	0.9 C B*C	COALFIELD TYPE					3
EBH Z	201052.51	P 1D	55.73	S 2					20
EAB Z	201056.01	P 2E	61.49	S 2					39
EDI Z	201056.12	P 3E	62.09	S 2					40
EDI NS	2010				3.1H0.19ML		0.25	200	40
EDI EW	2010				3.8H0.20ML		0.25	200	40
ELO Z	201056.20	P 3E	61.87	S 3					39
PCO Z	201054.09	P 1EU	56.90	S 2					27
PGB Z	201059.41	P 2E	66.80	S 2					58
PGB NS	2010				3.7H0.21ML		0.25	200	58
PGB EW	2010				3.0H0.20ML		0.25	200	58
-1									
160191KEYWORTH			12.5		5.0WRIGHT LAUGHTON, S YORKSHIRE				1
	3 831.09	447.90/	386.55	0.5 1.4		53.373	-1.280		2
8 21 201	0.27	2.2	1.8 C B*D	COALFIELD TYPE					3
KBI Z	030835.27	P 2E	38.71	S 2					21
KWE Z	030841.21	P 3E	48.44	S 3					55
CWF Z	030845.05	P 4E	53.07	S 3					71
CWF NS	0308				4.0H0.10ML		0.25	200	71
CWF EW	0308				4.5H0.09ML		0.2	200	71
HPK Z	030842.90	P 3E	52.41	S 3					69
HPK NS	0308				11.5H0.18ML		0.2	200	69
HPK EW	0308				14.0H0.17ML		0.2	200	69
LBO Z	030850.12	P 3E	64.99	S 4					109
LKL Z	030852.28	P 4E	67.30	S 4					125
LCK Z	030855.00	P 4E	74.16	S 4					152
LMI Z	030858.43	P 4E	78.31	S 4					164
-1									
170191PAISLEY+	PA 348		12.5		5.0DG LMULL, STRATHCLYDE				1
	6 448.25	148.40/	738.54	1.0 1.2		56.472	-6.086		2
12109 320	0.62	21.9	15.8 D D*D						3
PMS Z	060506.06	P 2E	20.30	S 3					109
PCO Z	060510.55	P 3E	25.97	S 3					135
PGB Z	060508.75	P 3E	25.06	S 3					124
PGB NS	0605				4.0H0.13ML		0.25	200	124
PGB EW	0605				4.5H0.17ML		0.25	200	124
EAB Z	060508.64	P 3E	20.43	S 3					113
ELO Z	060512.41	P 2E	29.49	S 3					146
EBH Z	060514.47	P 3E	34.10	S 3					161
-1									
180191LOWNET+	LN 737		12.5		5.0DG/JHT LCLACKMANNAN, CENTRAL				1
	54516.83	293.32/	693.24	1.2 0.8		56.120	-3.716		2
12 19 121	0.27	0.9	1.4 C B*C	COALFIELD TYPE					3
EBH Z	054520.59	P 1ED	23.79	S 2					19
EAU Z	054523.30	P 2E	29.40	S 2					35
EDI Z	054524.20	P 1ED	29.70	S 2					40
EDI NS	0545				2.6H0.24ML		0.25	200	40
EDI EW	0545				3.0H0.20ML		0.25	200	40
EAB Z	054524.75	P 2E	29.52	S 3					40
PCO Z	054522.09	P 1EU	25.90	S 2					28
PGB Z	054527.49	P 3E	34.89	S 2					59
PGB NS	0545				4.5H0.26ML		0.25	200	59
PGB EW	0545				3.0H0.19ML		0.25	200	59
-1									
180191KEYWORTH+	KW144		12.5		5.0WRIGHT LSHEFFIELD, S YORKSHIRE				1
	15 350.42	426.00/	384.39	7.7 1.2		53.356	-1.609		2
17 12 155	0.50	2.3	4.3 C C*C	COALFIELD TYPE					3
KBI Z	150353.39	P 2E	56.68	S 4					12
KWE Z	150356.58	P 3E	61.84	S 2					41
HPK Z	150401.98	P 2E	09.09	S 2					67
HPK NS	1504				15.1H0.19ML		0.25	200	67
HPK EW	1504				12.0H0.12ML		0.25	200	67
CWF Z	150402.88	P 3E	11.00	S 3					72
CWF NS	1504				7.6H0.09ML		0.25	200	72
CWF EW	1504				6.3H0.09ML		0.25	200	72
LBO Z	150405.88	P 2E	16.79	S 4					94
SBD Z	150409.20	P 3E	24.50	S 3					121
LCK Z	150413.08	P 3E	29.51	S 2					139
HTR Z	150418.03	P 3E	38.58	S 4					181
MCH Z	150418.18	P 3E	38.12	S 3					178
MCH NS	1504				3.5H0.11ML		0.25	200	178
MCH EW	1504				3.1H0.11ML		0.25	200	178
HCG Z	150418.21	P 3E	39.01	S 3					180
-1									
190191N WALES			12.9	0.6	5.0RITCHIELLEYN, GWYNEDD				1
	62115.43	240.76/	339.39	12.9 0.6		52.928	-4.369		2
17 7 98	0.16	0.6	0.7 B B*B						3

WLC Z 062122.58	P 1IU27.32	S 1						40
WLC NS0621			11.3H0.06ML		0.25	200		40
WLC EW0621			9.0 H0.08ML		0.25	200		40
YRH Z 062119.76	P 1IU21.98	S 1						20
WBR Z 062121.30	P 1IU25.30	S 1						33
WST Z 062120.40	P 1IU							26
WFB Z 062121.82	P 2E							35
YRC Z 062122.20	P 1ID27.00	S 2						38
YRE Z 062118.19	P 1ID							7
WLF Z 062122.40	P 2E 27.30	S 2						40
WME Z 062124.15	P 2E 30.40	S 2						52
YLL Z 062120.42	P 1IU23.90	S 1						27
-1								
200191 LOWNET+	LN 737	12.5	5.0DG/JHT	LINVERARNAN, STRATHCLYDE1				2
12 29 277 0.24	17 154.86	231.89/ 720.46	0.5 1.0	56.347		-4.720		2
EAB Z 170200.50	P 1EU05.04	S 3						29
EBH Z 170208.15	P 3E 19.02	S 3						76
EAU Z 170211.61	P 1EU							97
EDI Z 170214.48	P 2E 26.21	S 3						107
EDI NS1702			7.5H0.13ML		0.25	200		107
EDI EW1702			4.6H0.14ML		0.25	200		107
EDU Z 170214.07	P 2E 25.75	S 3						108
EBL Z 170217.67	P 3E							122
PMS Z 170204.98	P 1IU12.42	S 2						56
PCO Z 170205.00	P 1IU12.42	S 2						56
PGB Z 170206.50	P 3E 14.41	S 3						62
PGB NS1702			3.0H0.10ML		0.25	200		62
PGB EW1702			5.2H0.11ML		0.25	200		62
PCA Z 170209.32	P 2E							78
-1								
200191 LOWNET+	LN 737	12.5	5.0DG/JHT	LINVERARNAN, STRATHCLYDE1				2
13 29 277 0.26	174422.04	232.23/ 720.95	0.5 1.3	56.351		-4.715		2
EAB Z 174427.71	P 1EU32.22	S 2						30
EBH Z 174435.30	P 3E 46.22	S 3						76
EAU Z 174439.00	P 3E 50.18	S 3						97
EDI Z 174440.46	P 3E 51.70	S 3						106
EDI NS1744			10.0H0.14ML		0.25	200		106
EDI EW1744			6.5H0.19ML		0.25	200		106
EDU Z 174441.33	P 3E 51.12	S 3						107
PMS Z 174432.16	P 2E 39.68	S 2						56
PCO Z 174432.22	P 1IU39.64	S 2						56
PGB Z 174433.56	P 3E 41.80	S 3						62
PGB NS1744			7.1H0.10ML		0.25	200		62
PGB EW1744			6.6H0.12ML		0.25	200		62
PCA Z 174436.52	P 2E							78
ESK Z 174447.38	P 3E 65.66	S 3						149
ESK NS1744			3.9H0.12ML		0.25	200		149
ESK EW1744			3.7H0.11ML		0.25	200		149
-1								
230191 LEEDS+			5.0MR/FW	LWAKEFIELD, W YORKSHIRE 1				2
19 32 150 0.34	34230.33	429.67/ 419.68	0.4 1.5	3+ 53.672		-1.551		2
HPK Z 034236.42	P 1IU41.15	S 1						32
HPK NS0342			17.5H0.18ML		1.0	200		32
HPK EW0342			11.0H0.22ML		1.0	200		32
KBI Z 034238.40	P 2E							47
KWE Z 034243.50	P 2E 53.00	S 3						76
KSY Z 034248.20	P 3E							102
CWF Z 034247.60	P 3E 61.32	S 3						105
CWF NS0342			8.5H0.14ML		0.25	200		105
CWF EW0342			6.1H0.11ML		0.25	200		105
SBD Z 034254.80	P 4E 71.71	S 3						142
LBO Z 034243.61	P 2EU53.70	S 3E						76
LKL Z 034245.43	P 3E 58.00	S 3E						89
LLY Z 034246.50	P 3E 58.98	S 3E						91
LCK Z 034250.49	P 3E 65.32	S 3E						116
LMI Z 034253.12	P 3E 69.61	S 3E						131
LMI NS0342			4.0H0.40ML		0.25	200		131
LMI EW0342			3.2H0.40ML		0.25	200		131
ECK Z 034303.85	P 3E 23.70	S 3						197
ESK Z 034306.60	P 3E 26.35	S 3						212
ESK NS0343			1.6H0.19ML		0.25	200		212
ESK EW0343			1.9H0.18ML		0.25	200		212
-1								
240191 KEYWORTH+			5.0WRIGHT	LMANSFIELD, NOTTS				1
10 24 203 0.22	141028.30	451.54/ 360.39	0.1 1.6	53.138		-1.230		2
KBI Z 141033.00	P 3E							24
KWE Z 141036.20	P 3E 42.68	S 4						43
CWF Z 141036.70	P 3E 43.00	S 3						45
CWF NS1410			12.0H0.11ML		0.25	200		45
CWF EW1410			12.5H0.11ML		0.25	200		45
HPK Z 141044.61	P 2E 56.72	S 3						95
HPK NS1410			6.0H0.12ML		1.0	200		95
HPK EW1410			5.0H0.13ML		1.0	200		95
HLM Z 141050.87	P 3E 66.71	S 3						132
SBD Z 141051.79	P 3E 69.31	S 3						139
MCH Z 141057.97	P 4E 78.53	S 4						175
MCH NS1410			10.0H0.27ML		0.25	200		175
MCH EW1410			10.5H0.16ML		0.25	200		175
-1								
240191 LANCS+	LA 080	777	12.5	5.0DWR	LWOODHEAD, DERBYSHIRE			1
15 35 131 0.09	18 210.78	409.61/ 400.94	16.9 1.2	53.505		-1.855		2
LLO Z 180221.20	P 3E 27.72	S 4E						60
LBO Z 180223.01	P 2E 30.62	S 4E						71
LKL Z 180225.61	P 2EU35.53	S 4E						91
LCK Z 180229.02	P 3E 42.58	S 3E						116
LMI Z 180230.32	P 3E 44.65	S 2E						124
LMI NS1802	E		3.3H0.18ML		0.25	200		124
LMI EW1802	E		3.0H0.11ML		0.25	200		124

KBI Z	180217.50	P	1ID22.12	S	3E					35
KWE Z	180220.09	P	2E 26.99	S	2E					54
CWF Z	180225.94	P	2E 36.69	S	2E					93
CWF NS	1802	E		E		7.1H0.10ML	0.25	200		93
CWF EW	1802	E		E		7.9H0.10ML	0.25	200		93
HPK Z	180219.90	P	OIU26.52	S	2E					52
-1										
250191	LOWNET+	LN 738	12.5	5.0DG		LCLACKMANNAN,CENTRAL				1
	332 6.56	290.51/ 695.46	2.4-0.1			56.139	-3.762			2
4 20	181 0.36	0.0 0.0 D C*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS							3
EBH Z	033210.24	P	2E 13.40	S	3	2.6H0.13ML	0.25	200		20
PCO Z	033211.97	P	2E 14.59	S	3	3.0H0.31ML	0.25	200		27
-1										
270191	KEYWORTH+		12.5	5.0		LSTOKE-ON-TRENT,STAFFS				1
	224342.34	388.60/ 347.72	4.6 1.7			53.026	-2.170			2
14 22	160 0.18	0.8 1.4 C B*C								3
KWE Z	224346.61	P	2ID49.71	S	2					22
KBI Z	224351.22	P	1IU57.41	S	2					50
CWF Z	224353.82	P	2E 61.90	S	2					66
CWF NS	2243					4.0H0.11ML	1.0	200		66
CWF EW	2243					4.5H0.12ML	1.0	200		66
HLM Z	224354.59	P	2E 63.55	S	2					75
SBD Z	224354.70	P	1ID64.28	S	1					74
MCH Z	224403.39	P	3E 18.38	S	2					128
MCH NS	2244					5.0H0.19ML	1.0	200		128
MCH EW	2244					3.5H0.21ML	1.0	200		128
HTR Z	224404.60	P	3E 18.86	S	2					129
HGH Z	224409.07	P	2E 27.19	S	3					161
-1										
280191	KEYWORTH+		12.5	5.0WRIGHT		LMANSFIELD,NOTTS				1
	105848.72	450.61/ 359.16	1.8 1.6			53.127	-1.244			2
8 42	286 0.20	5.4 4.1 D D*D	COALFIELD TYPE							3
KWE Z	105856.12	P	2E 62.26	S	3					42
CWF Z	105856.70	P	3E 62.49	S	3					44
CWF NS	1058					3.6H0.10ML	1.0	200		44
CWF EW	1058					3.5H0.11ML	1.0	200		44
SBD Z	105911.51	P	3E 28.88	S	3					138
MCH Z	105916.51	P	2E 38.00	S	4					173
MCH NS	1059					10.0H0.23ML	0.25	200		173
MCH EW	1059					11.7H0.23ML	0.25	200		173
HCG Z	105917.64	P	3E 41.50	S	3					186
-1										
280191	ESK+	ES 511	12.5	5.0DG		LDUMFRIES,D & G				1
	204521.02	297.42/ 575.54	3.2 1.1			55.064	-3.606			2
16 31	157 0.29	2.3 4.4 C B*C								3
ECK Z	204527.22	P	1IU31.62	S	3					33
ESK Z	204527.70	P	OIU32.10	S	2					38
ESK NS	2045					12.0H0.08ML	0.25	200		38
ESK EW	2045					11.1H0.09ML	0.25	200		38
PCA Z	204535.14	P	2E 45.45	S	4					82
PGB Z	204538.19	P	3E 49.65	S	3					100
PGB NS	2045					6.9H0.10ML	0.25	200		100
PGB EW	2045					6.0H0.10ML	0.25	200		100
PCO Z	204538.91	P	2E							108
PMS Z	204540.68	P	3E 54.70	S	3					113
EDI Z	204538.00	P	3E 48.85	S	3					99
EDI NS	2045					3.7H0.15ML	0.25	200		99
EDI EW	2045					4.9H0.30ML	0.25	200		99
GAL Z	204533.80	P	2E 42.20	S	3E					74
GAL NS	2045					09.7H0.08ML	0.25	200		74
GAL EW	2045					09.7H0.09ML	0.25	200		74
GCD Z	204526.90	P	2E 30.60	S	3E					31
-1										
280191	KEYWORTH+		5.0			LMANSFIELD,NOTTS				1
	233527.67	451.19/ 363.06	4.2 1.0			53.162	-1.234			2
8 22	179 0.20	2.0 4.6 C B*C	COALFIELD TYPE							3
KBI Z	233531.68	P	3E							22
KWE Z	233535.59	P	3E 41.55	S	3					44
CWF Z	233536.40	P	3E 42.19	S	2					47
CWF NS	2335					6.0H0.09ML	0.25	200		47
CWF EW	2335					5.5H0.10ML	0.25	200		47
KSY Z	233536.50	P	3E 42.52	S	3					49
HLM Z	233548.41	P	3E 67.78	S	3					133
SBD Z	233551.81	P	3E 69.32	S	3					139
MCH Z	233557.42	P	4E 77.90	S	3					176
MCH NS	2335					3.5H0.12ML	0.25	200		176
MCH EW	2335					3.6H0.11ML	0.25	200		176
-1										
290191	PAISLEY	PA 349	12.5	5.0DG		LOBAN,STRATHCLYDE				1
	314 9.86	181.47/ 728.84	10.7 0.4			56.401	-5.542			2
5 79	336 0.20	4.0 84.4 D C*D	5KM SOUTHWEST OF OBAN							3
PMS Z	031422.96	P	1IU32.10	S	3					79
PCO Z	031426.29	P	3E 38.40	S	4					101
PGB Z	031425.72	P	3E 36.57	S	2					93
PGB NS	0314					1.6H0.08ML	0.25	200		93
PGB EW	0314					1.1H0.10ML	0.25	200		93
-1										
290191	PAISLEY+	PA 349	12.5	5.0DG		LLOCH FYNE,STRATHCLYDE				1
	10 747.33	194.91/ 686.76	2.6 0.6			56.030	-5.292			2
5 40	333 0.02	1.6 1.0 C B*D								3
PMS Z	100754.56	P	1ED							40
PGB Z	100757.31	P	2E 64.52	S	3					57
PGB NS	1007					3.5H0.11ML	0.25	200		57
PGB EW	1007					2.1H0.12ML	0.25	200		57
PCA Z	100800.00	P	3E							75
PCO Z	100800.09	P	3E							75
EBH Z	100759.11	P	4E							114
EAB Z	100758.40	P	4E							62
EAU Z	100801.95	P	4E							117
-1										
300191	KEYWORTH+		5.0			LSTOKE-ON-TRENT,STAFFS				1
	22228.87	387.28/ 348.05	2.6 1.6			53.029	-2.190			2
22 23	152 0.26	0.9 2.5 C B*C								3

KWE Z 022233.21	P 2E 36.37	S 4							23
KBI Z 022237.88	P 2IU								51
CWF Z 022240.60	P 1IU48.99	S 2							68
CWF NS0222			4.5H0.13ML		1.0	200			68
CWF EW0222			4.5H0.12ML		1.0	200			68
KSY Z 022247.57	P 3E								108
SBD Z 022241.32	P 1ID50.87	S 1							73
HLM Z 022241.08	P 2E 50.28	S 1							74
HAE Z 022248.46	P 4E 61.49	S 3							113
HTR Z 022250.23	P 3E 65.16	S 2							129
HCG Z 022250.51	P 3E 65.40	S 2							127
MCH Z 022250.11	P 2E 64.85	S 1							127
MCH NS0222			5.2H0.18ML		1.0	200			127
MCH EW0222			5.0H0.11ML		1.0	200			127
HGH Z 022256.01	P 2E 74.80	S 3							160
WLC Z 022246.69	P 2E 58.79	S 3							107
WLC NS0222			7.4H0.10ML		0.25	200			107
WLC EW0222			6.0H0.12ML		0.25	200			107
YRH Z 022255.40	P 2E								166
WVR Z 022245.49	P 2E								99
WBR Z 022247.97	P 2E								116
WST Z 022248.82	P 3E								121
-1									
300191 LANCS+	LA 081	213	12.5	5.0DWR	LHEMSWORTH,S YORKSHIRE			1	
	3 046.31	437.72/ 414.51	0.5 1.5		53.626	-1.430	2		
14 39 162 0.50	1.4 1.7 D D*C	COALFIELD	TYPE				3		
KBI Z 030050.69	P 4E 56.69	S 4E			0.25	200	42		
HPK Z 030053.33	P 2E 59.25	S 2E					39		
HPK NS0300	E	E	12.2H1.00ML		0.25	200	39		
HPK EW0300	E	E	9.5H1.00ML		0.25	200	39		
LLO Z 030100.49	P 4E 11.48	S 4E					79		
LBO Z 030100.68	P 2E 12.10	S 2E					85		
CWF Z 030100.68	P 4E 12.72	S 4E					99		
CWF NS0301	E	E	3.5H0.11ML		0.25	200	99		
CWF EW0301	E	E	4.5H0.26ML		0.25	200	99		
LLY Z 030101.29	P 4E 13.87	S 4E					99		
KSY Z 030101.49	P 3E 14.72	S 3E					93		
LCK Z 030107.98	P 3E 23.92	S 3E					125		
LMI Z 030109.99	P 3E 27.66	S 3E					140		
LMI NS0301	E	E	2.5H0.39ML		0.25	200	140		
LMI EW0301	E	E	3.5H0.32ML		0.25	200	140		
SBD Z 030110.48	P 3E 27.91	S 2E					146		
HLM Z 030111.90	P 3E 30.80	S 3E					157		
MCH Z 030120.27	P 3E 43.41	S 3E					210		
MCH NS0301	E	E	3.0H0.33ML		0.25	200	210		
MCH EW0301	E	E	2.7H0.30ML		0.25	200	210		
-1									
300191 LANCS	LA 081	220	12.5	5.0DWR	LPLUMPTON,CUMBRIA			1	
	33240.08	345.77/ 538.76	8.5 0.4		54.741	-2.842	2		
11 42 102 0.18	0.7 25.6 C C*C						3		
LCK Z 033247.56	P 3E 52.35	S 3E					43		
LKL Z 033250.20	P 3E 57.56	S 3E					62		
LMI Z 033251.17	P 2E 59.22	S 2E					65		
LMI NS0332	E	E	2.3H0.11ML		0.25	200	65		
LMI EW0332	E	E	1.6H0.12ML		0.25	200	65		
XAL Z 033247.62	P 3E 50.43	4E					43		
XDE Z 033248.47	P 2E 52.08	4E					49		
ESK Z 033253.32	P 4E 59.73	S 3E					68		
ESK NS0332	E	E	2.1H0.09ML		0.25	200	68		
ESK EW0332	E	E	1.6H0.09ML		0.25	200	68		
XSO Z 033255.31	P 3E 66.30	S 3E					92		
-1									
300191 KEYWORTH+	LA 081	229.96	5.9 1.6	5.0WRIGHT	LOAKHAM,WARWICKSHIRE			1	
	62851.33	427.61/ 229.96			51.967	-1.598	2		
16 66 215 0.21	1.3 2.7 C B*D						3		
CWF Z 062905.83	P 3E 16.38	S 2					88		
CWF NS0629			5.0H0.05ML		1.0	200	88		
CWF EW0629			7.0H0.07ML		1.0	200	88		
KWE Z 062910.41	P 3E 24.89	S 3					118		
KSY Z 062912.49	P 3E 27.82	S 3					131		
KBI Z 062914.21	P 4E 31.31	S 2					143		
HAE Z 062902.72	P 2E 10.50	S 2					66		
HGH Z 062906.27	P 2E						91		
MCH Z 062907.53	P 2E 18.61	S 2					96		
MCH NS0629			7.6H0.11ML		1.0	200	96		
MCH EW0629			5.7H0.09ML		1.0	200	96		
HLM Z 062909.12	P 2E 21.67	S 2					107		
HTR Z 062910.30	P 2E 23.34	S 2					116		
-1									
300191 LOWNET+	LA 081	707.55	3.8 0.8	5.0DG/JHT	LGLENEAGLES,TAYSIDE			1	
	85537.72	293.40/ 707.55			56.249	-3.721	2		
19 13 101 0.16	0.4 0.9 C B*C						3		
EBH Z 085540.49	P 1IU42.32	S 2					13		
ELO Z 085542.44	P 2E 45.72	S 3					25		
EAB Z 085544.72	P 3E 49.58	S 3					39		
EAU Z 085546.22	P 3E						48		
EDI Z 085546.34	P 3E 52.50	S 3					49		
EDI NS0855			7.4H0.09ML		0.25	200	49		
EDI EW0855			9.0H0.10ML		0.25	200	49		
EDU Z 085547.47	P 3E 54.19	S 3					55		
PCO Z 085544.48	P 1EU49.20	S 3					37		
PGB Z 085549.77	P 3E 57.90	S 3					68		
PGB NS0855			4.6H0.12ML		0.25	200	68		
PGB EW0855			3.6H0.12ML		0.25	200	68		
PCA Z 085549.82	P 3E 58.79	S 3					70		
PMS Z 085551.42	P 3E 60.30	S 3					78		
-1									
300191 LOWNET	LN 349	717.68	12.5	5.0DG	LGLLEN SHIRA,STRATHCLYDE1			1	
	235612.76	215.37/ 717.68	1.8 0.6		56.316	-4.986	2		
8 42 306 0.09	9.6 7.2 D D*D						3		
EAB Z 235620.45	P 3E 26.13	S 3	4.0H0.11M		0.25	200	42		
PMS Z 235622.57	P 1EU29.60	S 2					54		
PGB Z 235624.12	P 2ED32.38	S 3					65		

PGB NS2356					3.6H0.10ML		0.25	200	65
PGB EW2356					2.4H0.10ML		0.25	200	65
PCO Z 235624.29		P 2E	33.05	S 3					66
-1									
310191KEYWORTH+				12.5	5.0WRIGHT	LMALTRY,S YORKSHIRE			1
642 1.03	454.53/ 398.54			0.2 1.6		53.481 -1.178			2
9 60 169 0.18	1.4 1.8 C B*D				COALFIELD TYPE				3
KBI Z 064206.42		P 4E							34
KSY Z 064213.39		P 2ID							70
CWF Z 064215.63		P 3E	26.81	S 3					83
CWF NS0642					8.5H0.13ML		0.25	200	83
CWF EW0642					10.0H0.19ML		0.25	200	83
SBD Z 064226.27		P 3E	44.38	S 2					153
MCH Z 064233.85		P 3E	57.53	S 2					206
MCH NS0642					3.3H0.12ML		0.25	200	206
MCH EW0642					4.0H0.14ML		0.25	200	206
HTR Z 064233.72		P 3E	58.19	S 2					210
HLM Z 0642			45.33	S 2					157
HPK Z 064212.11		P 2E	20.09	S 2					61
HPK NS0642					12.5H0.13ML		1.0	200	61
HPK EW0642					10.0H0.15ML		1.0	200	61
XAL Z 064230.21		P 3EU	48.22	S 3			0.25	200	168
-1									
310191 LANCS	LA 081 753			12.5	5.0DWR	LLOWESWATER,CUMBRIA			1
1740 3.77	314.42/ 518.37			9.0 0.4		54.553 -3.323			2
10 12 121 0.21	1.6 4.6 B*B								3
LCK Z 174010.38		P 2E	14.71	S 2ED					36
LMI Z 174010.40		P 2E	14.99	S 3E					37
LMI NS1740		E		E	4.5H0.09ML		0.25	200	37
LMI EW1740		E		E	8.5H0.09ML		0.25	200	37
LKL Z 174015.28		P 3E	22.40	S 3E					63
XDE Z 174006.71		P 1IU	08.34	S 2E					12
ESK Z 174018.09		P 3E	27.83	S 3E					85
ESK NS1740		E		E	2.0H0.09ML		0.25	200	85
ESK EW1740		E		E	1.4H0.11ML		0.25	200	85
-1									
010291KEYWORTH+	KW146			12.5	5.0	LIPSTONE,STAFFS			1
553 3.31	403.02/ 350.71			2.6 0.9		53.053 -1.955			2
6 36 244 0.10	1.6 1.6 C B*D								3
KBI Z 055309.76		P 2E	14.89	S 2					36
CWF Z 055313.24		P 3E	20.32	S 2					56
CWF NS0553					2.1H0.11ML		0.25	200	56
CWF EW0553					2.1H0.09ML		0.25	200	56
HPK Z 055320.82		P 3E	32.90	S 3					103
HPK NS055320.82		P	32.90	S			0.25	200	103
HPK EW0553					6.0H0.19ML		0.25	200	103
-1									
010291KEYWORTH+	KW146			12.5	5.0WRIGHT	LMANSFIELD,NOTTS			1
115726.06	454.13/ 359.71			1.9 1.6		53.131 -1.191			2
16 44 215 0.35	2.0 2.6 D C*D				COALFIELD TYPE				3
KBI Z 115729.48		P 4IU	34.65	S 4					26
KWE Z 115733.32		P 2E	39.71	S 2					45
KSY Z 115734.12		P 3E	40.19	S 4					45
CWF Z 115734.92		P 2E	39.91	S 1					45
CWF NS1157					5.0H0.09ML		1.0	200	45
CWF EW1157					4.0H0.11ML		1.0	200	45
HLM Z 115748.29		P 2E	64.01	S 1					133
SBD Z 115749.06		P 1IU	66.29	S 1					141
HAE Z 115751.51		P 2E	69.19	S 3					153
MCH Z 115753.50		P 3E	75.33	S 2					176
MCH NS1157					10.5H0.13ML		0.25	200	176
MCH EW1157					12.0H0.21ML		0.25	200	176
HTR Z 115755.50		P 2E	76.29	S 4					183
HCG Z 115756.61		P 2E	77.90	S 2					190
HGH Z 115758.07		P 3E	80.19	S 2					199
-1									
030291KEYWORTH+				12.5	5.0WRIGHT	LYORK,N YORKSHIRE			1
25136.62	454.30/ 455.69			1.9 1.0		53.994 -1.172			2
13 30 266 0.17	3.1 2.1 D C*D								3
KBI Z 025151.11		P 1E	61.89	S 1					86
LBO Z 025152.80		P 3E	63.52	S 3E			0.25	200	92
CWF Z 025160.12		P 2E	76.60	S 1					140
CWF NS0251					2.6H0.08ML		0.25	200	140
CWF EW0251					2.9H0.07ML		0.25	200	140
HPK Z 025142.42		P 1ID	46.10	S 1					30
HPK NS0251					9.5H0.09ML		2.5	200	30
HPK EW0251					8.0H0.10ML		2.5	200	30
LKL Z 025152.97		P 2E	63.81	S 3E					93
LLO Z 025153.12		P 3E	63.67	S 3E					93
LLY Z 025156.20		P 3E	70.90	S 3E					116
LCK Z 025157.77		P 3E	71.09	S 3E					118
LMI Z 025200.12		P 3E	17.61	S 3E			1.4H0.12M		142
LMI NS0252		E		E	1.3H0.11ML		0.25	200	142
LMI EW0252		E		E	1.7H0.12ML		0.25	200	142
-1									
050291KEYWORTH+	KW146			12.5	5.0WRIGHT	LSUTTON-N-ASHF'LD,NOTTS			1
72924.65	448.38/ 361.44			2.8 1.2		53.148 -1.277			2
10 21 168 0.24	1.0 2.0 C B*C				COALFIELD TYPE				3
KBI Z 072928.43		P 2E							21
KWE Z 072932.22		P 2E	38.57	S 2					41
CWF Z 072932.77		P 2E	38.70	S 1					46
CWF NS0729					10.0H0.09ML		0.25	200	46
CWF EW0729					9.5H0.09ML		0.25	200	46
KSY Z 072933.81		P 3E							51
HLM Z 072946.60		P 3E							129
SBD Z 072947.61		P 3E	64.72	S 4					136
HTR Z 072953.21		P 3E							180
MCH Z 072952.51		P 3E	73.87	S 4					173
MCH NS0729					5.7H0.16ML		0.25	200	173
MCH EW0729					6.0H0.10ML		0.25	200	173
-1									
050291 PAISLEY	PA 350			12.5	5.0DG/DWR	LCLACKMANNAN,CENTRAL			1
102132.47	292.18/ 692.78			2.1 1.1		56.116 -3.734			2

15 20 84 0.23	0.6	1.0 C B*C	COALFIELD TYPE						3
PCO Z 102137.78		P 1E	40.60	S 2					27
PGB Z 102143.50		P 4E	50.55	S 3					58
PGB NS1021					5.5H0.23ML	0.25	200		58
PGB EW1021					4.7H0.25ML	0.25	200		58
PMS Z 102144.90		P 2E							70
EBH Z 102136.32		P 1D	39.48	S 2EU					20
EAU Z 102139.02		P 2ED	43.73	S 3E					35
EAB Z 102139.61		P 3E	44.73	S 3E					39
ELO Z 102139.65		P 2E	45.02	S 2EU					40
EDI Z 102139.80		P 2E	45.11	S 2E	4.6H0.48M	0.25	200		40
EDI NS1021		E		E	4.8H0.22ML	0.25	200		40
EDI EW1021		ED	45.11	S ED	6.4H0.70ML	0.25	200		40
EBL Z 102142.93		P 2E	48.23	S 3E					58
-1									
050291KEYWORTH+				12.5	5.0WRIGHT	LMANSFIELD,NOTTS			1
113755.02	452.69/	361.57	0.5 1.6			53.148	-1.212		2
9 24 205 0.29	1.8	2.4 C B*D	COALFIELD TYPE						3
KBI Z 113759.45		P 2E	63.81	S 3					24
KWE Z 113803.39		P 2E	09.70	S 2					45
CWF Z 113803.73		P 2E	09.89	S 2					46
CWF NS1138					16.0H0.16ML	0.25	200		46
CWF EW1138					13.5H0.10ML	0.25	200		46
HPK Z 113811.34		P 2E	22.40	S 4					94
HPK NS1138					20.50.14 ML	0.25	200		94
HPK EW1138					15.2H0.16ML	0.25	200		94
SBD Z 113818.38		P 3E	36.10	S 3					140
MCH Z 113824.71		P 4E	45.13	S 4					176
MCH NS1138					7.5H0.12ML	0.25	200		176
MCH EW1138					10.5H0.17ML	0.25	200		176
-1									
050291 LANCS	LA 082	134	12.5	5.0DWR	LAMBLESIDE,CUMBRIA				1
1419 6.02	337.88/	503.84	0.4 0.6			54.426	-2.958		2
6 9 278 0.15	0.9	0.6 C B*D							3
LCK Z 141908.21		P 1U	09.81	S 2IU					9
LKL Z 141911.50		P 4E	15.98	S 3E					36
LMI Z 141912.20		P 2ED	17.03	S 2E	11.1H0.09M	0.25	200		32
LMI NS1419		EU		E	5.8H0.18ML	0.25	200		32
LMI EW1419		EU	17.03	S EU	13.2H0.10ML	0.25	200		32
LBO Z 141916.49		P 2EU	24.10	S 3E					56
-1									
050291KEYWORTH+				12.5	5.0WRIGHT	LTHURCROFT,S YORKSHIRE			1
234847.40	450.75/	389.69	2.0 0.8			53.401	-1.237		2
8 25 161 0.12	1.0	1.1 B A*C	COALFIELD TYPE						3
KBI Z 234851.50		P 3E	55.52	S 3					25
KWE Z 234857.77		P 3E	66.00	S 4					59
KSY Z 234858.68		P 3E							65
CWF Z 234860.27		P 2E	69.62	S 2					74
CWF NS2349					2.4H0.05ML	0.25	200		74
CWF EW2349					2.3H0.10ML	0.25	200		74
HPK Z 234859.21		P 3E	67.49	S 1					67
HPK NS2349					10.0H0.14ML	0.25	200		67
HPK EW2349					7.5H0.11ML	0.25	200		67
-1									
070291KEYWORTH+	KW147		12.5	5.0WRIGHT	LCALVERTON,NOTTS				1
221818.72	460.18/	349.79	1.0 0.7			53.042	-1.102		2
6 36 221 0.57	6.0	9.0 D D*D	COALFIELD TYPE						3
KBI Z 221825.31		P 3E	30.11	S 2					37
CWF Z 221827.49		P 4E	30.60	S 2					37
CWF NS2218					4.0H0.19ML	0.25	200		37
MCH EW2218					5.0H0.12ML	0.2	200		37
KWE Z 2218			35.42	S 3					50
HPK Z 221837.78		P 3E	50.19	S 3					107
HPK NS2218					4.0H0.18ML	0.2	200		107
HPK EW2218					3.0H0.17ML	0.2	200		107
-1									
080291KEYWORTH+	KW147		12.5	5.0WRIGHT	LMANSFIELD,NOTTS				1
62837.11	453.93/	358.30	1.0 1.3			53.119	-1.194		2
16 43 290 0.52	4.8	3.4 D D*D	COALFIELD TYPE						3
KWE Z 062844.11		P 4E	50.73	S 2					45
CWF Z 062844.46		P 2E	50.51	S 2					43
CWF NS0628					10.2H0.12ML	0.25	200		43
CWF EW0628					10.0H0.11ML	0.25	200		43
HLM Z 062858.79		P 3E	75.20	S 3					132
SBD Z 062859.93		P 2E	76.49	S 3					141
HAE Z 062902.19		P 3E	20.60	S 2					151
MCH Z 062905.34		P 2E	26.19	S 2					175
MCH NS0629					8.0H0.09ML	0.25	200		175
MCH EW0629					10.2H0.14ML	0.25	200		175
HTR Z 062906.29		P 3E	27.47	S 3					182
HCG Z 062907.34		P 2E	29.39	S 3					189
HGH Z 062908.28		P 3E	31.81	S 4					198
-1									
080291 LOWNET	LN 740		12.5	5.0DWR	FORT WILLIAM,HIGHLAND				1
103620.62	209.15/	787.79	11.0 1.8			56.942	-5.138		2
9 97 319 0.29	3.7	2.8 D C*D							3
EAB Z 103636.62		P 3E	48.22	S 3E					97
ELO Z 103636.91		P 2E	49.60	S 3E					102
EBH Z 103641.09		P 3E	54.28	S 3E					127
EDU Z 103643.00		P 3E	58.40	S 3E					137
EDI Z 103646.10		P 4E	64.89	S 3E	3.8H0.30M	0.25	200		166
EDI NS1036					5.0H0.19ML	0.25	200		166
EDI EW1036					4.7H0.31ML	0.25	200		166
-1									
080291N WALES				5.0MEAR	WEAVERHAM,CHESHIRE				1
183739.61	359.24/	376.84	7.5 1.1			53.287	-2.611		2
31 60 90 0.26	0.5	1.7 C B*D							3
WLC Z 183753.73		P 3E	63.83	S 2					85
WLC NS1837					5.5 H0.09ML	0.25	200		85
WLC EW1837					6.0 H0.07ML	0.25	200		85
YRH Z 183762.70		P 2E							144
WVR Z 183753.80		P 1D	63.88	S 2					86
WBR Z 183756.10		P 2E							98

WST Z 183756.12	P 2E							99
WFB Z 183758.70	P 1IU72.39	S 3						117
YRE Z 183759.89	P 2E 74.82	S 3						126
WLF Z 183759.00	P 3E 72.68	S 2						119
YLL Z 183756.99	P 2E							106
MCH Z 1838	20.10	S 2						146
SBD Z 183749.49	P 3E 57.23	S 3						61
HLM Z 183753.60	P 3E 64.38	S 3						88
LBO Z 183752.93	P 2EU61.44	S 3E						77
LKL Z 183756.57	P 3E 68.56	S 2EU						104
LMI Z 183758.42	P 3E 71.47	S 2E						114
LMI NS1837	E	E	3.9H0.11ML		0.25	200		114
LMI EW1837	E	E	3.8H0.21ML		0.25	200		114
LCK Z 183759.18	P 3E 72.39	S 3E						121
KWE Z 183749.80	P 2E 56.81	S 2E						60
KBI Z 183751.81	P 3E 60.65	S 3E						72
-1								
090291 PAISLEY	PA 351	12.5	5.0DG	LCLACKMANNAN,CENTRAL				1
	23744.64	293.86/ 694.73	2.2 1.2	56.134	-3.708			2
7 29 332 0.09	4.5 3.5 D C*D	COALFIELD TYPE						3
PCO Z 023750.02	P 1IU54.14	S 1						29
PCA Z 023754.99	P 3E 62.75	S 3						59
PGB Z 023755.40	P 3E 62.79	S 2						60
PGB NS0237			5.5H0.25ML		0.25	200		60
PGB EW0237			3.8H0.21ML		0.25	200		60
PMS Z 023757.20	P 2E							72
-1								
090291KEYWORTH+	KW147	12.5	5.0WRIGHT	LMANSFIELD,NOTTS				1
	82450.22	455.38/ 359.65	0.3 1.3	53.131	-1.172			2
18 43 215 0.45	3.1 2.0 D C*D	COALFIELD TYPE						3
KWE Z 082457.61	P 3E 63.97	S 3						47
CWF Z 082458.28	P 2E 64.08	S 3						45
CWF NS0824			12.0H0.10ML		0.25	200		45
CWF EW0824			9.5H0.09ML		0.25	200		45
KSY Z 082458.41	P 2E 64.41	S 3						43
HLM Z 082513.13	P 1ID29.04	S 4						134
SBD Z 082513.29	P 2E 30.28	S 2						142
HAE Z 082516.01	P 3E 33.90	S 2						153
MCH Z 082518.98	P 2E 39.19	S 2						177
MCH NS0825			7.0H0.17ML		0.25	200		177
MCH EW0825			7.4H0.13ML		0.25	200		177
HTR Z 082519.45	P 3E 41.89	S 2						184
HCG Z 082521.17	P 2E 43.02	S 2						191
HGH Z 082523.40	P 4E 46.69	S 2						200
-1								
110291HEREFORD	HF614	12.5	5.0WRIGHT	LABERCRAF,POWYS				1
	14 116.24	283.05/ 212.52	1.5 0.7	51.799	-3.696			2
7 32 154 0.20	2.1 1.9 C B*C							3
HTR Z 140124.31	P 2E 30.29	S 3						43
MCH Z 140125.67	P 3E 32.51	S 2						53
MCH NS1401			3.0H0.17ML		0.25	200		53
MCH EW1401			2.5H0.16ML		0.25	200		53
HGH Z 140127.69	P 3E							64
HTL Z 140134.85	P 2E 46.60	S 3						105
HSA Z 140122.15	P 2E 26.95	S 3						32
-1								
110291 LOWNET	LN 740	12.5	5.0DWR	GLEN GARRY,HIGHLAND				1
	16 920.64	217.39/ 808.71	2.1 1.6	57.133	-5.018			2
8109 320 0.30	2.1 1.3 C B*D							3
ELO Z 160938.40	P 2EU51.60	S 3E						109
EAB Z 160939.45	P 2E 53.02	S 3E						113
EBH Z 160942.95	P 3E 59.16	S 3E						135
EDU Z 160943.53	P 3E							139
EDI Z 160949.00	P 4E 69.68	S 3E	2.5H0.20M		0.25	200		176
EDI NS1609	E	E	3.0H0.22ML		0.25	200		176
EDI EW1609	E	E	3.0H0.29ML		0.25	200		176
-1								
120291 ESK	ES 513	12.5	5.0DG	LRYPHOPE,TYNE & WEAR				1
	617 6.92	450.04/ 559.45	2.9 1.5	54.927	-1.219			2
7 64 310 0.20	5.9 7.6 D D*D	OFFSHORE, COALFIELD TYPE						3
XAL Z 061718.05	P 3E 26.10	S 3						64
XSO Z 061722.11	P 3E							91
ECK Z 061727.15	P 3E 42.90	S 3						125
ESK Z 061729.06	P 2ED44.65	S 2						134
ESK NS0617			4.6H0.22ML		0.25	200		134
ESK EW0617			3.9H0.20ML		0.25	200		134
-1								
120291KEYWORTH+	KW147	12.5	5.0WRIGHT	LNEWHAVEN,DERBYSHIRE				1
	1539 5.06	418.19/ 358.80	9.0 1.9	53.126	-1.728			2
17 14 207 0.24	1.2 1.8 C B*D							3
KWE Z 153908.92	P 1ID11.79	S 3						14
CWF Z 153913.80	P 2E 20.15	S 3						52
CWF NS1539			8.0H0.09ML		2.5	200		52
CWF EW1539			7.7H0.10ML		2.5	200		52
KSY Z 153918.31	P 2IU27.48	S 3						79
HLM Z 153921.69	P 2E 34.21	S 2						104
SBD Z 153922.08	P 2E 34.81	S 2						106
HAE Z 153926.49	P 2E 42.10	S 2						133
MCH Z 153929.28	P 2E 46.79	S 2						152
MCH NS1539			17.5H0.10ML		0.25	200		152
MCH EW1539			27.0H0.09ML		0.25	200		152
HTR Z 153929.45	P 3E 47.50	S 2						157
HCG Z 153929.60	P 2E 47.89	S 3						158
-1								
120291SHETLAND	SH 631		5.0BS	ORKNEY ISLANDS				1
	1623 5.98	366.92 1027.45	1.0 1.2	59.133	-2.578			2
7124 346 0.24	11.7 7.5 D D*D							3
LRW Z 162329.10	P 1EU45.50	S 3E						137
LRW NS1623			04.0H0.10ML		0.25			137
LRW EW1623			04.0H0.16ML		0.25			137
SAN Z 162326.40	P 1E 41.70	S 3E						124
WAL Z 162328.50	P 1EU45.10	S 3E						136
YEL Z 162334.69	P 3E							178

-1									
130291	KEYWORTH	KW149		12.5	5.0	WRIGHT	LOLLERTON,NOTTS		1
	42042.33	463.79/ 362.41		0.5 0.7		2+	53.155 -1.046		2
6	37 231 0.08	1.0 0.9 C A*D	COALFIELD	TYPE, FELT			EDWINSTOWE		3
KSY	Z 042049.52	P 1IU54.69		S 1					37
CFW	Z 042051.52	P 2E 58.33		S 1					50
CFW	NS0420					2.5H0.12ML	0.25 200		50
CFW	EW0420					5.5H0.22ML	0.25 200		50
KWE	Z 042052.10	P 2E 60.03		S 2					55
-1									
140291	KEYWORTH+	KW149		12.5	5.0	MR/FW	LMANSFIELD,NOTTS		1
	162034.19	451.84/ 362.88		2.9 1.2		3+	53.160 -1.225		2
6	23 180 0.15	1.4260.9 C C*C	COALFIELD	TYPE, FELT			PLEASLEY AREA		3
KBI	Z 162038.37	P 2IU							23
KWE	Z 162042.30	P 2ID							44
KSY	Z 162042.70	P 3E 49.00		S 3					48
CFW	Z 162042.87	P 1E 48.70		S 1					47
CFW	NS1620					5.0H0.11ML	1.0 200		47
CFW	EW1620					5.0H0.11ML	1.0 200		47
-1									
140291	PAISLEY	PA 352		12.5	5.0	DG/DWR	LCLACKMANNAN,CENTRAL		1
	203234.66	292.42/ 694.14		0.5 0.7			56.128 -3.731		2
9	19 126 0.17	0.7 1.1 C B*C	COALFIELD	TYPE					3
PCO	Z 203240.30	P 2EU44.19		S 2					28
EBH	Z 203238.79	P 2EU41.80		S 3E					19
EAU	Z 203241.20	P 2E 47.42		S 3E					36
EDI	Z 203241.99	P 2E 48.23		S 3E		2.3H0.30M	0.25 200		41
EDI	NS2032	E		S E		1.5H0.70ML	0.25 200		41
EDI	EW2032	E 48.23		S E		2.2H0.45ML	0.25 200		41
EAB	Z 203242.00	P 3E							38
-1									
140291	PAISLEY	PA 352		12.5	5.0	DG/DWR	LCLACKMANNAN,CENTRAL		1
	211647.01	292.85/ 693.76		0.7 0.8			56.125 -3.724		2
12	19 85 0.10	0.3 0.5 B A*C	COALFIELD	TYPE					3
PCO	Z 211652.50	P 1EU56.62		S 2					28
EBH	Z 211651.03	P 3ED53.90		S 3E					19
EAU	Z 211653.62	P 3E 58.60		S 3E					35
EDI	Z 211654.66	P 2ED60.25		S 2E		2.1H0.70M	0.25 200		40
EDI	NS2116	E 60.25		S EU		2.6H0.50ML	0.25 200		40
EDI	EW2116	E		S E		3.5H0.41ML	0.25 200		40
EAB	Z 211654.30	P 3E 59.50		S 3E					39
ELO	Z 211654.50	P 3E 59.71		S 3E					39
-1									
150291	KEYWORTH	KW149		12.5	5.0		LMANSFIELD,NOTTS		1
	1313 7.44	450.88/ 363.43		4.4 1.0		3+	53.165 -1.239		2
6	22 180 0.13	1.3 2.7 C B*C	COALFIELD	TYPE, FELT			PLEASLEY AREA		3
KBI	Z 131311.49	P 2ID							22
KWE	Z 131315.42	P 1ID21.18		S 3					44
CFW	Z 131315.91	P 1E 21.91		S 1					48
CFW	NS1313					3.6H0.10ML	1.0 200		48
CFW	EW1313					3.1H0.09ML	1.0 200		48
KSY	Z 131316.21	P 3E							49
-1									
150291	E ANGLIA			12.5	5.0	OG FORD	RSOUTHERN NORTH SEA		1
	163013.43	747.55 393.08		0.4 2.4			53.320 3.220		2
6	131 335 0.11	6.9 3.1 D D*D							3
AWI	Z 163034.62	P 2E							131
ABA	Z 163036.90	P 2E 54.43		S 2					147
APA	Z 163039.21	P 2E				9.1H0.19ML	1.0 200		163
AWH	Z 163040.28	P 2E 58.82		3		4.9H0.21ML	1.0 200		171
-1									
150291	DEVON+			12.5	5.0	OG FORD	LBIGBURY,DEVON		1
	19 937.70	267.88/ 46.43		8.3 0.2			50.302 -3.855		2
10	2 273 0.09	0.8 0.6 C A*D							3
DCO	Z 190939.33	P 0ID40.59		S 2					2
DYA	Z 190941.03	P 0ID43.37		S 1					16
DYA	NS1909					6.0H0.09ML	1.0 200		16
DYA	EW1909					5.0H0.06ML	1.0 200		16
CSA	Z 1909	59.05		S 3					74
CBW	Z 1910	03.32		S 3					92
CGH	Z 190953.60	P 3E 65.29		S 3					98
CCO	Z 1910	05.60		S 3					98
CCA	Z 1910	05.96		S 3					99
-1									
150291	PAISLEY	PA 352		12.5	5.0	DG/DWR	LCLACKMANNAN,CENTRAL		1
	23 525.24	293.56/ 693.04		0.7 0.7			56.118 -3.712		2
11	19 120 0.09	0.4 0.6 B A*C	COALFIELD	TYPE					3
PCO	Z 230530.70	P 2ED34.76		S 2					28
PGB	Z 230535.90	P 2E 43.34		S 2					59
PGB	NS2305					2.6H0.25ML	0.25 200		59
PGB	EW2305					2.5H0.22ML	0.25 200		59
EBH	Z 230529.21	P 2ED32.30		S 3					19
EAU	Z 230531.85	P 2ED37.33		S 3					35
EAB	Z 230532.90	P 3E							40
EDI	Z 230532.81	P 2E 38.19		S 3		2.1H0.30M	0.25 200		39
EDI	NS2305					1.2H0.35ML	0.25 200		39
EDI	EW2305					2.0H0.35ML	0.25 200		39
-1									
170291	KEYWORTH+	KW149		12.5	5.0	WRIGHT	LSTOKE-ON-TRENT,STAFFS		1
	18 643.76	388.60/ 354.65		9.0 2.3			53.089 -2.170		2
28	23 154 0.31	1.0 1.9 C C*C	9KM NW OF	STOKE-ON-TRENT					3
KWE	Z 180648.50	P 1IU51.31		S 3					24
KBI	Z 180652.07	P 1IU57.16		S 3					47
CFW	Z 180655.12	P 1E 63.07		S 2					70
CFW	NS1806					11.0H0.07ML	2.5 200		70
CFW	EW1806					11.0H0.06ML	2.5 200		70
SBD	Z 180656.59	P 1ID65.57		S 3					76
HLM	Z 180657.02	P 1ID66.33		S 3					80
KSY	Z 180701.50	P 1IU							107
HAE	Z 180703.51	P 1E 17.17		S 2					120
KUF	Z 180704.50	P 2E 20.73		S 3					131
HCG	Z 180705.19	P 2E 20.32		S 2					132
MCH	Z 180705.41	P 1IU20.63		S 2					134

MCH NS180705.41		1IU20.63		7.0H0.11ML	2.5	200	134
MCH EW1807				10.0H0.13ML	2.5	200	134
HTR Z 180705.65		P 2E 21.14	s 2				135
YLL Z 180704.84		P 2E					134
WLC Z 180701.56		P 2IU14.12	s 2				109
WLC NS1807				16.0H0.11ML	1.0	200	109
WLC EW1807				15.0H0.14ML	1.0	200	109
YRH Z 180709.32		P 2E					168
WBR Z 180703.11		P 1IU					119
WVR Z 180700.39		P 2E 12.45	s 3				102
-1							
190291 CORNWALL				5.0		LPENZANCE,CORNWALL	1
	43657.39	145.65/ 34.77	3.5 0.0		50.158	-5.561	2
7 2 178 0.55	13.6	4.9 D D*C	NORTHWEST OF PENZANCE				3
CPZ Z 043657.42		P 1 58.06	s 1				2
CCA Z 043662.40		P 1 64.92	s 1				24
CCO Z 043662.83		P 1					26
CR2 Z 0436		66.07	s 1				28
CR2 NS0436				10.3H0.05ML	0.25	200	28
CR2 EW0436				4.7H0.05ML	0.25	200	28
CST Z 0436		65.90	s 1				29
-1							
190291 PAISLEY+	PA 352		12.5	5.0DG/DWR		LMILNGAVIE,STRATHCLYDE	1
	1951 2.03	250.50/ 677.81	2.5 1.4		55.970	-4.396	2
28 19 130 0.23	0.5	0.7 C B*C					3
PGB Z 195105.63		P 1IU08.20	s 1				19
PGB NS1951				16.7H0.13ML	2.5	200	19
PGB EW1951				9.2H0.14ML	2.5	200	19
PCO Z 195105.66		P 1IU08.45	s 2				19
PMS Z 195106.80		P 1IU10.31	s 2				26
PCA Z 195107.72		P 1IU10.82	s 2				31
ESK Z 195119.40		P 2E 32.75	s 3				105
ESK NS1951				12.0H0.12ML	0.25	200	105
ESK EW1951				9.1H0.12ML	0.25	200	105
ECK Z 195122.17		P 1EU35.40	s 4				119
XSO Z 195125.75		P 2E 42.73	s 3				145
EAB Z 195106.72		P 2E 10.00	s 2E		0.25	200	25
EAU Z 195112.52		P 2E					61
EBH Z 195112.83		P 2E 20.28	s 3E				63
ELO Z 195114.28		P 3E 22.11	s 3E				70
EDI Z 195115.19		P 2EU26.29	s 3E	5.7H0.20ML	0.25	200	76
EDI NS1951		E		10.9H0.20ML	0.25	200	76
EDI EW1951		EU		10.0H0.15ML	0.25	200	76
EBL Z 195116.80		P 3E 26.55	s 3E				87
GMK Z 195119.37		P 2E					103
GCD Z 195122.82		P 2E 37.07	s 3				127
GAL Z 195122.87		P 2E 36.80	s 3				125
-1							
210291KEYWORTH+	KW150		12.5	5.0WRIGHT		LMANSFIELD,NOTTS	1
	441 0.27	453.32/ 362.26	0.1 1.2		3+ 53.155	-1.203	2
15 24 180 0.41	1.3	1.8 C C*C	COALFIELD TYPE, FELT			PLEASLEY AREA	3
KBI Z 044104.91		P 2E 09.08	s 3				24
KWE Z 044108.70		P 2E 14.78	s 2				45
CWF Z 044109.18		P 2E 15.31	s 2				47
CWF NS0441				11.0H0.09ML	0.25	200	47
CWF EW0441				9.5H0.09ML	0.25	200	47
KSY Z 044109.52		P 4E 15.49	s 3				46
HLM Z 044123.90		P 4E 40.45	s 3				134
SBD Z 044124.61		P 3E 41.53	s 2				141
HAE Z 044127.50		P 3E 45.10	s 3				154
MCH Z 044129.30		P 3E 51.08	s 3				177
MCH NS0441				5.5H0.11ML	0.25	200	177
MCH EW0441				7.5H0.12ML	0.25	200	177
HGH Z 044132.89		P 3E 57.20	s 3				201
-1							
210291KEYWORTH+				5.0WRIGHT		LMANSFIELD,NOTTS	1
	183812.93	451.66/ 366.00	0.4 1.5		3+ 53.188	-1.227	2
7 21 306 0.21	4.3	2.9 D C*D	COALFIELD TYPE, FELT			PLEASLEY AREA	3
SBD Z 183836.78		P 3E 53.70	s 3				140
KBI Z 183817.38		P 2E		10.0H0.60ML	1.0	200	21
KWE Z 183821.32		P 1ID27.66	s 3	4.6 H0.10ML	1.0	200	45
HLM Z 183835.23		P 3E 52.31	s 3	15.0H0.22ML	0.25	200	130
-1							
240291 DEVON+				5.0G FORD		LDODMAN POINT,CORNWALL	1
	040 9.27	220.37/ 20.73	7.4 1.1		50.059	-4.510	2
9 43 227 0.20	0.9	1.2 C B*D	20KM SOUTHEAST OF DODMAN POINT				3
DCO Z 004018.50		P 0IU24.89	s 1				54
DYA Z 004019.53		P 2E 26.59	s 1				59
DYA NS0040				10.5H0.10ML	0.25	200	59
DYA EW0040				11.5H0.08ML	0.25	200	59
CR2 Z 004017.69		P 2EU23.58	s 2				49
CR2 NS0040				8.0H0.05ML	1.0	200	49
CR2 EW0040				7.8H0.05ML	1.0	200	49
CCA Z 004018.42		P 1ED24.79	s 2				53
CSA Z 004017.10		P 2E					43
-1							
240291 PAISLEY	PA 353		12.5	5.0DG/DWR		LMULL,STRATHCLYDE	1
	222145.96	167.24/ 740.17	8.6 0.9		56.496	-5.782	2
9 96 313 0.34	4.9	6.5 D C*D					3
PMS Z 222202.02		P 1IU12.88	s 3				97
PGB Z 222204.20		P 3E 16.90	s 3				111
PGB NS2222				2.8H0.12ML	0.25	200	111
PGB EW2222				2.1H0.10ML	0.25	200	111
PCO Z 222205.37		P 2EU					119
EAB Z 222201.02		P 3E 13.70	s 3E				96
ELO Z 222206.39		P 3E 21.30	s 3E				128
-1							
250291HEREFORD			12.5	5.0WRIGHT		LCHURCH STRETTON,SHROPS1	1
	105554.33	355.90/ 296.84	9.7 1.0		52.567	-2.651	2
7 17 221 0.23	3.4	6.6 D C*D	10KM NE CHURCH STRETTON				3
HLM Z 105557.47		P 1IU60.49	s 3				17
SBD Z 105604.10		P 2E					56
HAE Z 105604.43		P 1IU12.20	s 2				59

MCH Z 105605.61	P 2E 14.30	S 2						68
MCH NS1056				8.0H0.13ML		0.25	200	68
MCH EW1056				4.5H0.11ML		0.25	200	68
-1								
260291N WALES				5.0MEAR	LLLEYN, GWYNEDD			1
62011.43	238.12/ 343.00	21.6	0.9		52.960	-4.410		2
22 3 111 0.18	0.7 1.3 B B*B			LLEYN AFTERSHOCK				3
WCB Z 062019.39	P 2E 26.30	S 1						48
WCB NS0620				10.0H0.05ML		0.25	200	48
WCB EW0620				13.0H0.10ML		0.25	200	48
YRC Z 062018.00	P 2E 22.39	S 3						34
YRE Z 062015.00	P 1ID							3
WPM Z 062019.80	P 1IU							48
WLF Z 062018.20	P 3E 22.99	S 2						37
WME Z 062020.31	P 2E 26.09	S 2						49
YLL Z 062016.82	P 1IU20.17	S 2						26
WLC Z 062019.25	P 1IU24.68	S 1						43
WLC NS0620				6.7 H0.10ML		2.50	200	43
WLC EW0620				7.5 H0.10ML		2.50	200	43
YRH Z 062016.38	P 1IU							20
WVR Z 062021.12	P 2E							57
WBR Z 062018.28	P 1IU22.91	S 2						37
WST Z 062017.29	P 1IU21.30	S 3						28
WFB Z 062018.70	P 2E 23.59	S 1						40
-1								
270291N WALES+				5.0MEAR	LNEWPORT, SHROPSHIRE			1
4 258.41	374.00/ 318.37	7.2	1.6		52.762	-2.385		2
28 44 108 0.16	0.4 1.0 C B*C							3
WLC Z 040314.6	P 2E 25.25	S 1						97
WLC NS0403				16.5H0.08ML		0.25	200	97
WLC EW0403				10.5H0.09ML		0.25	200	97
YRH Z 040322.61	P 1IU							152
WBR Z 040315.39	P 1IU26.59	S 1						102
WFB Z 040317.00	P 1IU29.55	S 3						112
WCB Z 0403	42.10	S 2						160
WLF Z 0403	38.62	S 1						147
WME Z 0403	39.10	S 3						147
YLL Z 0403	33.24	S 1						127
MCH Z 040314.20	P 1IU25.19	S 1						95
MCH NS0403				10.0H0.09ML		1.0	200	95
MCH EW0403				6.0 H0.13ML		1.0	200	95
SBD Z 040308.80	P 2E 15.80	S 3						61
HAE Z 040312.18	P 2E							81
HCG Z 040314.75	P 2IU							99
HGH Z 040319.58	P 2E 33.62	S 3						128
HTR Z 040314.48	P 2E							97
HLM Z 040305.80	P 2E 10.72	S 3						44
CWF Z 040310.52	P 2E 18.90	S 1						73
KWE Z 040306.40	P 1IU11.80	S 3						46
KBI Z 040311.87	P 1IU21.62	S 3						80
-1								
270291 LOWNET	LN 742 2348	12.5		5.0DWR	LROSEWELL, LOTHIAN			1
821 1.16	328.76/ 664.12	1.7	0.3		55.865	-3.138		2
6 7 175 0.07	0.6 0.8 R A*C			COALFIELD TYPE				3
EDI Z 082102.99	P 1IU04.27	S 3E		13.0H0.30M		0.25	200	7
EDI NS0821	EU	E		5.4H0.80ML		0.25	200	7
EDI EW0821	ED	E		6.8H0.50ML		0.25	200	7
EBL Z 082103.68	P 2ED05.78	S 3E						12
EAU Z 082105.22	P 2ED07.97	S 3E						20
-1								
280291 PAISLEY	PA 354	12.5		5.0DG/DWR	LCLACKMANNAN, CENTRAL			1
204119.00	293.56/ 693.71	0.7	1.5		3+ 56.124	-3.712		2
18 19 82 0.18	0.4 0.8 C B*C			COALFIELD TYPE, FELT AT	BIRKHILL			3
PCO Z 204124.62	P 1EU29.19	S 2						28
PCA Z 204129.64	P 2E 36.98	S 3						58
PGB Z 204129.86	P 1ED37.27	S 1						59
PGB NS2041				12.5H0.28ML		0.25	200	59
PGB EW2041				8.0H0.35ML		0.25	200	59
PMS Z 204131.98	P 2E 41.52	S 3						71
ESK Z 204136.18	P 3E 47.43	S 2						95
ESK NS2041				7.1H0.19ML		0.25	200	95
ESK EW2041				7.0H0.20ML		0.25	200	95
ECK Z 204139.45	P 3E 51.90	S 3						111
XSO Z 204139.98	P 3E 53.00	S 3						116
EBH Z 204122.87	P 1ID26.18	S 3EU				0.25	200	19
EAU Z 204125.81	P 1ID30.85	S 2EU						35
ELO Z 204126.38	P 2EU31.79	S 2ED						39
EDI Z 204126.50	P 1ED31.68	S 2E		12.7H0.31M		0.25	200	40
EDI NS2041	E	E		10.4H0.70ML		0.25	200	40
EDI EW2041	EU	EU		11.8H0.70ML		0.25	200	40
EAB Z 204126.52	P 2ED31.62	S 3E						40
EBL Z 204129.20	P 3E 36.70	S 3E						57
-1								
010391KEYWORTH+				5.0WRIGHT	LMANSFIELD, NOTTS			1
143347.96	455.17/ 360.65	0.2	1.6		2+ 53.140	-1.175		2
15 27 178 0.35	1.4 1.9 C C*C			COALFIELD TYPE, FELT	PLEASLEY AREA			3
KBI Z 143353.15	P 3E							27
KWE Z 143356.30	P 3E 62.81	S 3						47
CWF Z 143356.33	P 3E 62.60	S 3						46
CWF NS1433				4.0H0.13ML		1.0	200	46
CWF EW1433				4.0H0.12ML		1.0	200	46
KSY Z 143356.50	P 3E 62.30	S 3						44
SBD Z 143412.20	P 2E 28.62	S 3						142
HLM Z 143410.75	P 2E 27.91	S 3						135
MCH Z 143417.00	P 2E 38.11	S 2						177
MCH NS1434				10.0H0.21ML		0.25	200	177
MCH EW1434				13.0H0.12ML		0.25	200	177
HCG Z 143418.90	P 2E 40.80	S 3						191
-1								
010391PAISLEY+	PA 354	12.5		5.0DG/DWR	LCLACKMANNAN, CENTRAL			1
174920.58	292.65/ 693.13	0.8	1.3		56.119	-3.727		2
19 20 83 0.10	0.2 0.4 B A*C			COALFIELD TYPE				3
PCO Z 174925.90	P 1EU30.13	S 2						27

PGB Z 174931.39	P 2ED38.77	S 2						58
PGB NS1749			7.0H0.24ML		0.25	200		58
PGB EW1749			5.5H0.30ML		0.25	200		58
PMS Z 174933.05	P 2E 41.47	S 2						70
EBH Z 174924.68	P 0ID27.82	S 1IU						20
EAU Z 174927.31	P 1ID32.79	S 3E						35
EAB Z 174927.91	P 2EU33.20	S 2EU						39
ELO Z 174928.01	P 2E 33.33	S 2E						39
EDI Z 174928.16	P 2ED33.60	S 2E	5.5H0.42M		0.25	200		40
EDI NS1749	EU	ED	6.1H0.45ML		0.25	200		40
EDI EW1749	ED33.60	S EU	7.5H0.52ML		0.25	200		40
EBL Z 174930.81	P 3E							58
EDU Z 174932.22	P 2EU40.82	S 2EU						65
-1								
010391PAISLEY+	PA354	12.5	5.0DG/DWR	LMILNGAVIE, STRATHCLYDE	1			
195736.47	250.59/ 677.22	2.3 0.7		55.965 -4.394	2			
13 18 129 0.18	0.6 0.9 C B*C				3			
PCO Z 195740.14	P 1IU							19
PGB Z 195740.14	P 2EU42.66	S 1						18
PGB NS1957			13.5H0.11ML		1.0	200		18
PGB EW1957			4.9H0.13ML		1.0	200		18
PMS Z 195741.33	P 1IU44.77	S 2						26
PCA Z 195742.24	P 2EU45.83	S 3						31
EAB Z 195741.27	P 2EU44.81	S 3E						25
EAU Z 195746.92	P 2E 55.63	S 3E						60
EBH Z 195747.31	P 2E 55.16	S 3E						64
EDI Z 195748.78	P 4E 61.42	S 3E	1.6H0.10M		0.25	200		76
EDI NS1957	E	E	3.5H0.10ML		0.25	200		76
EDI EW1957	E	E	3.5H0.12ML		0.25	200		76
-1								
020391KEYWORTH		12.5	5.0WRIGHT	LMANSFIELD, NOTTS	1			
113040.16	451.91/ 367.42	5.0 1.6		53.201 -1.223	2			
6 21 295 0.59	5.7 4.5 D D*D		COALFIELD TYPE, FELT	PLEASLEY AREA	3			
KBI Z 113044.31	P 3E 47.19	S 3						21
KWE Z 113047.70	P 3E 53.50	S 3						46
SBD Z 1131	20.10	S 3						140
MCH Z 113109.05	P 4E 29.40	S 3						180
MCH NS1131			3.4 H0.17ML		0.25	200		180
MCH EW1131			4.7 H0.22ML		0.25	200		180
-1								
020391KEYWORTH+	KW151	12.5	5.0WRIGHT	LMANSFIELD, NOTTS	1			
21 529.26	448.23/ 363.34	4.2 1.1		53.165 -1.279	2			
8 19 175 0.20	2.7 7.7 C C*C		COALFIELD TYPE, 5KM NW OF MANSFIELD		3			
KBI Z 210533.00	P 3E							19
KWE Z 210537.12	P 3E 42.00	S 3						41
CWF Z 210537.58	P 3E 43.61	S 3						48
CWF NS2105			7.0H0.09ML		0.25	200		48
CWF EW2105			6.0H0.10ML		0.25	200		48
KSY Z 210538.18	P 3E 43.60	S 4						51
KUF Z 210543.87	P 3E 54.31	S 3						85
SBD Z 210553.65	P 4E 70.20	S 4						136
MCH Z 210558.70	P 4E 79.30	S 4						175
MCH NS2105			4.0H0.12ML		0.25	200		175
MCH EW2105			6.0H0.12ML		0.25	200		175
-1								
030391PAISLEY+	PA 354	12.5	5.0DG/DWR	LMULL, STRATHCLYDE	1			
44641.91	174.51/ 737.49	9.2 0.8		56.476 -5.662	2			
8 88 330 0.32	4.7 70.4 D C*D				3			
PMS Z 044656.44	P 2E 68.10	S 3						90
PGB Z 044658.97	P 3E 71.06	S 3						105
PGB NS0446			3.0H0.09ML		0.25	200		105
PGB EW0446			3.2H0.09ML		0.25	200		105
PCO Z 044700.40	P 3E 13.34	S 2						111
EAB Z 044656.68	P 3E 66.51	S 3						88
-1								
030391PAISLEY+	PA 354	12.5	5.0DG/DWR	LKILMELFORD, STRATHCLYDE	1			
17 712.97	190.60/ 713.47	9.0 0.7		56.268 -5.382	2			
8 61 318 0.11	2.5 47.6 D C*D				3			
PMS Z 170723.20	P 2E 30.97	S 2						62
PGB Z 170725.65	P 2E 35.47	S 3						76
PGB NS1707			2.1H0.11ML		0.25	200		76
PGB EW1707			2.6H0.15ML		0.25	200		76
PCO Z 170727.12	P 1ED							86
PCA Z 170728.33	P 3E							95
EAB Z 170724.08	P 2E 31.79	S 3E						65
-1								
050391 LOWNET	LN 743	12.5	5.0DWR	LCLACKMANNAN, CENTRAL	1			
193952.09	293.44/ 694.19	0.5 0.6		56.129 -3.715	2			
9 18 127 0.17	0.5 0.9 C B*C		COALFIELD TYPE		3			
EBH Z 193956.15	P 3E 59.28	S 3E						19
EAU Z 193958.90	P 3E 63.85	S 3E						36
ELO Z 193959.09	P 3E 64.68	S 3E						38
EAB Z 193959.50	P 3E 65.29	S 3E						39
EDI Z 193959.50	P 4E 65.42	S 3E	2.3H0.28M		0.25	200		40
EDI NS1939	E	E	1.9H0.35ML		0.25	200		40
EDI EW1939	E	E	2.3H0.40ML		0.25	200		40
-1								
050391MORAY+	MN 519	4.1 1.6	5.0BSDGDWR	LMILNGAVIE, STRATHCLYDE	1			
214341.28	250.56/ 677.13			55.964 -4.394	2			
26 18 129 0.18	0.4 0.8 C B*C				3			
EAB Z 214346.04	P 1ID49.51	S 2E						25
EBH Z 214352.23	P 1IU60.04	S 2EU						64
MCD Z 214413.16	P 2E 33.20	S 3E						193
EDI Z 214354.01	P 2EU64.92	S 2E						76
EAU Z 214351.80	P 1IU							60
PCO Z 214344.89	P 0IU47.53	S 2						19
PGB Z 214344.80	P 0IU47.41	S 1						18
PGB NS2143			5.0H0.12ML		10.0	200		18
PGB EW2143			3.0H0.14ML		10.0	200		18
PMS Z 214346.01	P 1IU49.60	S 1 U						26
PCA Z 214346.92	P 0IU50.98	S 3						31
ESK Z 214358.62	P 2E 72.01	S 3						104
ESK NS2143			5.4H0.12ML		1.0	200		104

ESK EW2143					3.4H0.20ML	1.0	200	104
EDI NS2143					4.2H0.10ML	1.0	200	76
EDI EW2143					4.4H0.12ML	1.0	200	76
GMK Z 214358.04	P	2EU70.20	S	3				102
GCD Z 214402.12	P	2ED16.62	S	2				126
GAL Z 214402.31	P	3E 16.00	S	3				124
GAL NS2144					4.3H0.11ML	1.0	200	124
GAL EW2144					4.5H0.09ML	1.0	200	124
GCL Z 214405.69	P	2ED22.12	S	3				148
-1								
060391PAISLEY+	PA354	12.5			5.0DG/DWR	LCLACKMANNAN,CENTRAL		1
650 2.51	292.07/ 694.01	0.1 0.9				56.127 -3.736		2
15 20 82 0.23	0.6	1.0 C B*C	COALFIELD	TYPE				3
PCO Z 065008.14	P	2E 12.25	S	3				27
PGB Z 065013.52	P	3E 20.86	S	2				58
PGB NS0650					3.1H0.37ML	0.25	200	58
PGB EW0650					3.2H0.37ML	0.25	200	58
PMS Z 065014.20	P	3E 22.19	S	3				70
EBH Z 065006.80	P	1ID09.91	S	2EU				20
EAU Z 065009.45	P	2E 15.30	S	3EU				36
ELO Z 065009.58	P	2E 15.43	S	3E				38
EAB Z 065009.98	P	2E 15.58	S	3E				38
EDI Z 065010.30	P	2E 15.92	S	3E	3.1H0.29M	0.25	200	41
EDI NS0650	E		E		2.5H0.31ML	0.25	200	41
EDI EW0650	E		E		2.8H0.40ML	0.25	200	41
-1								
070391 LANCS	LA 086	511	12.5		5.0DWR	LCULCHETH,CHESHIRE		1
1 040.00	364.80/ 395.83	0.2 0.8				53.458 -2.530		2
9 44 327 0.21	6.2	5.3 D D*D	COALFIELD	TYPE				3
LLO Z 010048.25	P	3E 54.32	S	3E		0.25	200	44
LLY Z 010048.43	P	3E 54.81	S	3E				45
LBO Z 010050.72	P	3E 59.20	S	3E				58
LKL Z 010055.21	P	3E 65.35	S	3E				85
LMI Z 010057.97	P	2EU71.69	S	3E				99
LMI NS0100	EU		E		1.6H0.19ML	0.25	200	99
LMI EW0100	ED		E		1.1H0.22ML	0.25	200	99
LCK Z 010058.49	P	3E 72.10	S	3E				103
-1								
070391 LANCS	LA 086	698	12.5		5.0DWR	LWHITBECK,CUMBRIA		1
143734.64	308.85/ 483.12	14.9 1.1				54.236 -3.399		2
19 6 147 0.25	0.9	1.0 C B*C	OFFSHORE	LOCATION				3
LMI Z 143737.60	P	1ID39.71	S	1EU				6
LMI NS1437	EU		E		5.6H0.09ML	10.0	200	6
LMI EW1437	ED		IU		2.8H0.10ML	10.0	200	6
LCK Z 143741.03	P	1IU44.50	S	4EU				37
LBH Z 143741.81	P	1IU45.41	S	4E				39
LKL Z 143744.11	P	2EU50.20	S	3E				56
LBO Z 143745.20	P	2EU52.21	S	3E				61
LLO Z 143746.41	P	3E 53.58	S	4E				70
XDE Z 143740.71	P	2EU44.08	S	3E				31
XAL Z 143751.56	P	2ED63.11	S	3E				104
ESK Z 143754.32	P	3E 67.90	S	3E				121
ESK NS1437	E		E		2.7H0.16ML	0.25	200	121
ESK EW1437	E		E		3.1H0.18ML	0.25	200	121
GIM Z 143746.52	P	1IU54.61	S	2E				70
GCD Z 143747.86	P	3E 57.34	S	2E				78
GAL Z 143752.71	P	3E 64.08	S	4E				110
GAL NS1437	E		E		3.5H0.13ML	0.25	200	110
GAL EW1437	E		E		3.9H0.11ML	0.25	200	110
-1								
080391 LANCS	LA 086	863	12.5		5.0DWR	LGOOLE,HUMBERSIDE		1
23546.11	470.68/ 425.13	7.2 1.6				53.718 -0.929		2
10108 339 0.21	4.8	6.4 D C*D	COALFIELD	TYPE				3
LLO Z 023603.50	P	3E 16.81	S	3E		0.25	200	109
LBO Z 023604.52	P	2E 17.53	S	3E				112
LKL Z 023605.54	P	3E 19.54	S	3E				119
LCK Z 023608.80	P	3E 26.55	S	3E				146
LMI Z 023612.40	P	3E 30.80	S	3E	1.5H0.40M	0.25	200	166
LMI NS0236	E		E		2.1H0.50ML	0.25	200	166
LMI EW0236	E		E		1.7H0.45ML	0.25	200	166
-1								
120391PAISLEY+	PA355	12.5			5.0DG/DWR	LCLACKMANNAN,CENTRAL		1
34521.53	294.06/ 693.13	0.1 1.4				56.119 -3.704		2
20 19 84 0.21	0.5	0.8 C B*C	COALFIELD	TYPE				3
PCO Z 034527.36	P	1IU32.37	S	1				29
PCA Z 034532.16	P	2E 40.00	S	2				58
PGB Z 034532.62	P	2ED40.29	S	2				59
PGB NS0345					10.0H0.30ML	0.25	200	59
PGB EW0345					7.5H0.34ML	0.25	200	59
PMS Z 034534.79	P							72
ESK Z 034537.40	P	3E 50.02	S	2				95
ESK NS0345					4.3H0.17ML	0.25	200	95
ESK EW0345					4.5H0.19ML	0.25	200	95
ECK Z 034541.71	P	2E 54.50	S	3				111
XSO Z 034541.92	P	2E 55.65	S	3				115
EBH Z 034525.40	P	1ID28.71	S	2EU				19
EAU Z 034528.31	P	1ID33.00	S	2ED				34
ELO Z 034528.98	P	2EU34.98	S	2ED				39
EAB Z 034529.11	P	2E 34.69	S	2EU				40
EDI Z 034529.00	P	1ID34.56	S	2E	15.0H0.20M	0.25	200	39
EDI NS0345	IU34.56		S	EU	9.9H0.40ML	0.25	200	39
EDI EW0345	IU		S	EU10.1H0.80ML		0.25	200	39
EBL Z 034531.90	P	3E						57
-1								
120391PAISLEY+	PA355	12.5			5.0DG/DWR	LCLACKMANNAN,CENTRAL		1
539 3.04	292.57/ 694.32	0.9 0.9				56.130 -3.729		2
13 19 82 0.14	0.5	0.7 B A*C	COALFIELD	TYPE				3
PCO Z 053908.30	P	2E 12.90	S	3				28
PGB Z 053913.70	P	2E 21.21	S	3				59
PGB NS0539					3.0H0.20ML	0.25	200	59
PGB EW0539					2.1H0.19ML	0.25	200	59
EBH Z 053906.90	P	2E 09.83	S	3E				19
EAU Z 053910.06	P	3E						36

EAB Z 053910.41	P 3E 15.50	S 3E						39
ELO Z 053910.50	P 3E 15.60	S 3E						38
EDI Z 053910.50	P 3E 16.33	S 2E	2.6H0.25M		0.25	200		41
EDI NS0539	E 16.33	S EU	2.3H0.70ML		0.25	200		41
EDI EW0539	E	E	2.7H0.70ML		0.25	200		41
-1								
120391N WALES					5.0RITCHIE BL.FFESTINIOG,GWYNEDD			1
92126.15	266.78/ 345.67	16.1	1.0		52.991	-3.985		2
26 2 78 0.13	0.3 0.5 A A*A							3
WCB Z 092135.61	P 3E 42.58	S 2						57
YRC Z 092134.80	P 1IU40.40	S 3						49
YRE Z 092131.78	P 1IU35.60	S 2						30
WPM Z 092131.90	P 1IU35.50	S 2						30
WLF Z 092133.55	P 1ID38.70	S 2						43
WME Z 092134.60	P 1ID							50
YLL Z 092130.33	P 1ID32.90	S 2						21
WLC Z 092129.90	P 1ID32.10	S 1						14
YRH Z 092134.32	P 1IU							47
WVR Z 092132.33	P 2ED36.28	S 3						34
WBR Z 092129.98	P 1ID32.40	S 1						16
WST Z 092128.91	P 2ID30.61	S 2						2
WFB Z 092132.39	P 2EU36.51	S 2						35
SBD Z 092134.71	P 3E 40.51	S 1						50
WCB NS0921					4.5 H0.09ML		0.25	200
WCB EW0921					5.0 H0.06ML		0.25	200
WLC NS0921					4.5 H0.09ML		10.0	200
WLC EW0921					1.8 H1.1 ML		10.0	200
-1								
120391HEREFORD					5.0WRIGHT LABERDARE,MID GLAMORGAN1			1
211957.78	310.66/ 201.00	12.5	0.3	0.8	51.700	-3.293		2
10 34 173 0.08	0.4 0.7 B A*C 7KM SOUTHEAST OF ABERDARE							3
HGH Z 212004.46	P 1IU09.40	S 2						34
MCH Z 212005.10	P 2E 10.61	S 1						39
MCH NS2120					11.0H0.09ML		0.25	200
MCH EW2120					13.6H0.12ML		0.25	200
HTR Z 212005.99	P 2E 11.65	2						42
HAE Z 212009.63	P 3E 17.92	S 3						64
HCG Z 212011.14	P 4E 20.50	S 3						74
HTL Z 212018.32	P 2E							114
HSA Z 212008.65	P 2E							60
-1								
150391 PAISLEY+	PA 356	12.5			5.0DG/DWR LCLACKMANNAN,CENTRAL			1
115817.94	294.14/ 693.99	1.2	1.7		56.127	-3.703		2
14 18 83 0.10	0.3 0.5 B A*C COALFIELD TYPE							3
PCO Z 115823.72	P 1IU28.68	S 3						29
PCA Z 115828.51	P 2ED36.26	S 2						59
PGB Z 115828.89	P 2ED36.54	S 2						60
PGB NS1158					5.0H0.25ML		1.0	200
PGB EW1158					2.5H0.30ML		1.0	200
PMS Z 115830.70	P 2E 40.39	S 3						72
EBH Z 115821.70	P 0ID24.69	S 3E						18
EAU Z 115824.52	P 1ID29.21	S 3E						35
ELO Z 115825.21	P 2ED30.22	S 3E						38
EDI Z 115825.30	P 1ID30.80	S 2E	7.0H0.20M			1.0	200	
EDI NS1158	EU30.80	S EU	4.3H0.45ML			1.0	200	
EDI EW1158	ED	S EU	4.5H0.52ML			1.0	200	
EAB Z 115825.41	P 2EU30.90	S 3EU						40
EBL Z 115827.91	P 2E							57
EDU Z 115829.32	P 2E 37.76	S 3E						63
-1								
150391 PAISLEY+	PA 356	12.5			5.0DG/DWR LCLACKMANNAN,CENTRAL			1
115851.30	296.37/ 694.17	0.2	1.5		56.129	-3.667		2
11 17 91 0.14	0.5 0.8 B A*C COALFIELD TYPE							3
PCO Z 115857.22	P 2E 62.13	S 2						31
PCA Z 115902.19	P 2E 09.45	S 3						60
PGB Z 115902.91	P 2E 09.93	S 2						62
PGB NS1159					12.5H0.30ML		0.25	200
PGB EW1159					7.0H0.36ML		0.25	200
PMS Z 115903.72	P 2E 14.22	S 3						74
EBH Z 115855.10	P 1ID58.29	S 3E						17
EAU Z 115857.97	P 2E 63.10	S 2EU						34
ELO Z 115858.68	P 2E 64.00	S 3E						38
EDI Z 115858.70	P 2E 63.80	S 2E	8.2H0.60M			0.25	200	
EDI NS1158	E	E	7.8H0.70ML			0.25	200	
EDI EW1158	E 63.80	S EU	11.5H0.70ML			0.25	200	
EAB Z 115859.30	P 2EU							42
-1								
150391KEYWORTH+	LA087	12.5			5.0WRIGHT LTADDINGTON,DERBYSHIRE			1
134343.49	415.30/ 369.96	0.3	1.4		53.226	-1.771		2
7 17 188 0.47	5.4 10.7 D D*D COALFIELD TYPE							3
KBI Z 134347.07	P 2ID50.29	S 4						17
KWE Z 134347.26	P 2ID53.08	S 4						24
CWF Z 134355.09	P 2E 64.59	S 4						63
CWF NS1343					7.0H0.11ML		0.25	200
CWF EW1343					8.0H0.13ML		0.25	200
SBD Z 134401.80	P 3E							106
HAE Z 134407.81	P 3E							142
MCH Z 134410.22	P 3E 29.10	S 3						160
MCH NS1344					6.9H0.16ML		0.25	200
MCH EW1344					7.2H0.13ML		0.25	200
-1								
150391LANCS+	LA087	12.5			5.0FW/DG LBILSTHORPE,NOTTS			1
233210.86	467.29/ 356.96	1.0	0.5		53.105	-0.995		2
11 32 159 0.47	1.9 2.6 C C*C COALFIELD TYPE							3
LLO Z 233233.59	P 2E 50.45	S 4						133
LBO Z 233234.90	P 2E 51.84	S 2						143
LKL Z 233237.09	P 3E 56.28	S 2						160
KSY Z 233217.18	P 3E 21.02	S 3						32
KBI Z 233217.40	P 2E 23.20	S 3						39
CWF Z 233219.50	P 3E 25.77	S 3						46
CWF NS2332					4.5H0.12ML		0.25	200
CWF EW2332					3.7H0.10ML		0.25	200
-1								

180391PAISLEY+	PA356	12.5	5.0DG/DWR	LCLACKMANNAN,CENTRAL	1
195521.20	295.91/ 695.93	0.2 1.1		56.145 -3.675	2
8 32 212 0.17	1.6 1.5 C B*D	COALFIELD TYPE			3
PCO Z 195527.34	2E 32.21	S 2			32
PGB Z 195532.15	P 3E 40.58	S 3			62
PGB NS1955			4.9H0.22ML	0.25 200	62
PGB EW1955			4.0H0.20ML	0.25 200	62
PMS Z 195534.31	P 2E				75
EAU Z 195528.01	P 2EU33.20	S 2EU			36
EDI Z 195528.79	P 3E 34.30	S 2E	2.5H0.75M		39
EDI NS1955	E 34.30	S EU	4.1H0.65ML	0.25 200	39
EDI EW1955	EU	S EU	4.0H0.80ML	0.25 200	39
EAB Z 195529.40	P 3E 34.49	S 3E			42
-1					
180391PAISLEY+	PA356	12.5	5.0DG/DWR	LCLACKMANNAN,CENTRAL	1
225234.17	292.72/ 693.55	0.1 1.3		56.123 -3.726	2
17 19 80 0.12	0.3 0.5 B A*C	COALFIELD TYPE			3
PCO Z 225239.80	P 1IU43.96	S 2			28
PCA Z 225244.89	P 2EU				58
PGB Z 225245.12	P 3E 52.54	S 2			58
PGB NS2252			8.2H0.28ML	0.25 200	58
PGB EW2252			6.1H0.21ML	0.25 200	58
PMS Z 225246.49	P 3E				71
EBH Z 225238.35	P 1ID41.56	S 2IU			19
EAU Z 225240.90	P 2E				35
ELO Z 225241.05	P 2E 47.00	S 2EU			39
EAB Z 225241.71	P 2ED46.86	S 3E			39
EDI Z 225241.91	P 2ED47.58	S 2E	5.5H0.42M	0.25 200	40
EDI NS2252	E	S EU	7.5H0.60ML	0.25 200	40
EDI EW2252	ED47.58	S EU	9.0H0.60ML	0.25 200	40
EDU Z 225246.10	P 3E 54.50	S 3E			65
-1					
200391N WALES			5.0RITCHIE LLEYN,GWYNEDD		1
22049.82	201.39/ 336.24	7.3 1.7		52.887 -4.952	2
16 23 261 0.14	1.1 1.9 C B*D				3
WLC Z 022063.20	P 3E 72.39	S 2			80
WLC NS0220			9.5 H0.16ML	1.0 200	80
WLC EW0220			9.1 H0.11ML	1.0 200	80
YRH Z 022053.90	P 1IU				23
WBR Z 022061.71	P 2EU69.75	S 3			71
WST Z 022060.81	P 1ID				66
WFB Z 022061.06	P 2E				66
WCB Z 022060.20	P 2ED67.30	S 3			61
WCB NS0220			4.6 H0.10ML	1.0 200	61
WCB EW0220			6.0 H0.09ML	1.0 200	61
YRC Z 022058.0	P 1IU				48
SBD Z 022068.54	P 3E				114
WLF Z 022059.40	P 1ID66.61	S 2			58
WME Z 022061.65	P 2E				72
YLL Z 022059.81	P 2E				60
HCG Z 022067.78	P 2IU				108
-1					
200391 CORNWALL			5.0 FORD LCAMBORNE,CORNWALL		1
17 821.68	167.46/ 40.61	1.8 0.8		2+ 50.219 -5.260	2
12 4 311 0.05	0.7 1.1 C A*D	MINING INDUCED, FELT		CAMBORNE	3
CCA Z 170822.47	P 0ID23.17	S 1			4
CST Z 170823.01	P 0ID24.12	S 4			7
CR2 Z 170823.27	P 0ID				9
CCO Z 170823.50	P 0ID24.93	S 4			10
CBW Z 170824.00	P 0ID25.76	S 4			13
CGH Z 170825.26	P 0ID				20
CPZ Z 170825.45	P 4ED28.33	S 4			24
CTR Z 170823.32	P 0ID24.64	S 1			9
CME Z 170822.90	P 0ID23.74	S 1			7
CRA Z 170823.05	P 0ID				8
CRQ Z 170823.23	P 4 24.41	S 4	3.0H0.07ML	0.25 4	9
-1					
210391 PAISLEY+	PA 357	12.5	5.0DG/DWR	GLEN CRERAN,STRA'CLYDE1	1
11222.49	204.29/ 745.16	1.5 0.6		56.558 -5.185	2
12 66 290 0.34	9.9 6.9 D D*D				3
PMS Z 011237.15	P 3E 47.85	S 3			84
PGB Z 011237.90	P 3E 49.45	S 3			94
PGB NS0112			1.3H0.08ML	0.25 200	94
PGB EW0112			1.4H0.08ML	0.25 200	94
PCO Z 011237.98	P 3E 49.50	S 3			93
EAB Z 011234.92	P 3E 41.98	S 3E			66
ELO Z 011237.98	P 3E 46.00	S 4E			91
EBH Z 011241.00	P 3E 52.40	S 4E			109
EDU Z 011244.20	P 3E				133
EDI Z 011246.00	P 4E 63.12	S 3E			143
EDI NS0112	E 63.12	S E	1.7H0.12ML	0.25 200	143
EDI EW0112	E	S E	1.1H0.12ML	0.25 200	143
-1					
210391ESK+	ES 518	12.5	5.0DG/DWR	CENTRAL NORTH SEA	1
245 4.63	581.16/ 914.75	9.9 3.2		58.085 1.073	2
24207 234 0.19	1.8 1.8 C B*D				3
EDI Z 024553.08	P 1IU88.45	S 2E	3.4H0.28M		354
ESK Z 024559.00	P 1EU99.21	S 3			405
ESK NS0245			5.0H0.16ML	1.0 200	405
ESK EW0245			5.2H0.15ML	1.0 200	405
EDI NS0245	ID88.45	E	5.9H0.39ML	1.0 200	354
EDI EW0245	EU	E	7.4H0.22ML	1.0 200	354
XAL Z 024600.51	P 2E 41.40	S 3			412
LRW Z 024541.80	P 1ED68.31	S 3E			262
LRW NS0245			07.0H0.11ML	2.5 200	262
LRW EW0245			08.0H0.12ML	2.5 200	262
ESY Z 024549.92	P 2EU83.05	S 3E			329
WAL Z 024544.79	P 1EU				287
YEL Z 024546.60	P 1EU77.10	S 3E			301
MFI Z 024534.90	P 1EU				207
MME Z 024540.50	P 1ED				256
MLA Z 024541.80	P 2E 69.40	S 3E			262
MCD Z 024541.60	P 2E 69.10	S 3E			263

MCD NS0245				04.0H0.08ML		2.5	200	263
MCD EW0245				03.3H0.18ML		2.5	200	263
ELO Z 024551.64	P 3E	85.70	S 3E					340
MDO Z 024550.20	P 2E							331
EDU Z 024546.66	P 2EU	77.00	S 3E					300
-1								
210391MORAY+	MN 522		12.5	5.0BSDGDWRR	CENTRAL NORTH SEA			1
	131743.07	579.33/ 917.12	14.1 2.8		58.107	1.044		2
24206 233 0.48	4.6	4.9 D C*D						3
MFI Z 131813.00	P 1E							206
MCD Z 131819.63	P 1EU	46.30	S 3E					262
MCD NS1318				08.5H0.05ML		1.0	200	262
MCD EW1318				06.2H0.08ML		1.0	200	262
MLA Z 131820.00	P 1E							260
MVH Z 131825.71	P 1EU	56.31	S 3E					310
MDO Z 131828.29	P 2E	61.30	S 3E					330
ESY Z 131827.72	P 2E	60.40	S 3E					330
ESK Z 131837.02	P 2EU	77.75	S 3					405
ESK NS1318				2.4H0.15ML		1.0	200	405
ESK EW1318				4.0H0.10ML		1.0	200	405
EDU Z 131824.46	P 2E	54.80	S 3E					300
XAL Z 131838.41	P 2E							413
EDI EW1318				3.6H0.19ML		1.0	200	354
LRW Z 131819.69	P 2E	45.52	S 3E					259
LRW NS1318				05.0H0.10ML		1.0	200	259
LRW EW1318				06.2H0.21ML		1.0	200	259
SAN Z 1318 18.40	P 1ED							250
WAL Z 1318 22.09	P 1E	50.20	S 3E					284
YEL Z 1318 24.10	P 1E	55.10	S 3E					298
EDI Z 131831.05	P 3E	66.27	S 3E	2.7H0.15M		1.0	200	354
EDI NS1318	E	66.27	S E	3.7H0.15ML		1.0	200	354
-1								
210391ESK+	ES519		12.5	5.0DG/DWR	L LACKMANNAN, CENTRAL			1
	203235.83	294.36/ 693.86	0.8 1.7		56.126	-3.700		2
23 18 83 0.21	0.5	0.8 C B*C	COALFIELD TYPE					3
ESK Z 203253.50	P 3E	64.09	S 2					95
ESK NS2032				9.0H0.17ML		0.25	200	95
ESK EW2032				8.3H0.20ML		0.25	200	95
ECK Z 203255.65	P 3E	68.70	S 2					111
EDU Z 203247.30	P 3E							63
LMI Z 203308.50	P 3E	32.38	S 3					214
LMI NS2033				2.7H0.22ML		0.25	200	214
LMI EW2033				2.4H0.38ML		0.25	200	214
EBL Z 203245.91	P 2ED							57
PCO Z 203241.62	P 0IU	46.53	S 1					29
PCA Z 203246.48	P 1ED	53.61	S 2					59
PGB Z 203246.79	P 1E	54.19	S 2					60
PGB NS2032				16.5H0.40ML		0.25	200	60
PGB EW2032				11.0H0.45ML		0.25	200	60
PMS Z 203248.70	P 2ED	58.00	S 3					72
EBH Z 203239.67	P 0ID	42.62	S 3E					18
EAU Z 203242.50	P 1ID	47.19	S 2E					35
ELO Z 203243.20	P 2EU	48.48	S 3E					38
EDI Z 203243.21	P 1ID	48.70	S 2E	23.8H0.19M		0.25	200	39
EDI NS2032	IU	48.70	S EU	9.6H0.80ML		0.25	200	39
EDI EW2032	ID		S E	11.7H0.80ML		0.25	200	39
EAB Z 203243.38	P 2EU	48.89	S 3EU					40
-1								
230391HEREFORD+				5.0WRIGHT	LBARGOED, MID GLAMORGAN			1
	01749.54	310.56/ 201.39	0.2 1.0		51.704	-3.295		2
13 35 93 0.15	0.7	1.2 C B*C	NORTHWEST OF BARGOED					3
HGH Z 001756.25	P 1IU	61.18	S 2					35
MCH Z 001756.93	P 2E	62.35	S 1					39
MCH NS0017				11.5H0.12ML		0.25	200	39
MCH EW0017				19.0H0.12ML		0.25	200	39
HTR Z 001757.75	P 3E	63.45	S 2					42
HAE Z 001801.40	P 3E	09.09	S 3					63
HCG Z 001802.96	P 4E	12.34	S 3					73
DYA Z 001814.63	P 3E	32.38	S 4					148
DCO Z 001816.35	P 3E	35.40	S 4					159
HSA Z 001800.36	P 1ED							60
HTL Z 001809.79	P 3E							115
-1								
230391KEYWORTH+				5.0WRIGHT	LDONCASTER, S YORKSHIRE			1
	04656.68	458.74/ 404.31	0.2 2.0		53.532	-1.114		2
15 41 202 0.27	1.3	1.2 C B*D	COALFIELD TYPE					3
KBI Z 004704.21	P 2E							41
KSY Z 004709.51	P 2E							72
CFW Z 004712.10	P 3E	23.70	S 2E					89
LLO Z 004714.18	P 2E	27.63	S 3E					102
LBO Z 004715.45	P 2E	29.80	S 4E					108
LKL Z 004716.91	P 2E	31.80	S 3E					121
LLY Z 004718.11	P 3E	32.30	S 3E					122
LCK Z 004720.78	P 3E	38.41	S 3E					148
LMI Z 004723.57	P 3E	42.42	S 3E					163
LMI NS0047				4.6H0.70ML		0.25	200	163
LMI EW0047				4.3H0.45ML		0.25	200	163
-1								
250391PAISLEY+	PA 357		12.5	5.0DG/DWR	L LACKMANNAN, CENTRAL			1
	184719.96	294.18/ 693.63	1.0 1.7		56.124	-3.702		2
19 18 83 0.07	0.2	0.3 B A*C	COALFIELD TYPE					3
PCO Z 184725.71	P 1IU	30.70	S 2					29
PCA Z 184730.54	P 1ED	38.30	S 2					59
PGB Z 184730.79	P 1EU	38.57	S 2					60
PGB NS1847				17.1H0.33ML		0.25	200	60
PGB EW1847				11.5H0.29ML		0.25	200	60
PMS Z 184732.68	P 2E	42.80	S 3					72
EBH Z 184723.79	P 0ID	26.71	S 3E					18
EAU Z 184726.60	P 0ID	31.30	S 2EU					35
ELO Z 184727.29	P 1ID	32.59	S 3E					39
EDI Z 184727.36	P 0ID	32.81	S 2E	5.9H0.20M		1.0	200	39
EDI NS1847	IU	32.81	S EU	2.7H0.70ML		1.0	200	39
EDI EW1847	ID		S ED	3.5H0.70ML		1.0	200	39

EAB Z 184727.49	P 2EU32.99	S 2EU				40
EBL Z 184730.04	P 2ED					57
EDU Z 184731.39	P 2EU39.60	S 3E				64
-1						
270391 PAISLEY+	PA 358	12.5	5.0DG/DWR	LCLACKMANNAN,CENTRAL		1
215326.57	294.09/ 693.38	0.6 1.4		56.121 -3.704		2
17 19 84 0.07	0.2 0.3 B A*C	COALFIELD TYPE				3
PCO Z 215332.19	P 2EU37.30	S 2				29
PCA Z 215337.11	P 2E 45.00	S 3				58
PGB Z 215337.60	P 2ED45.21	S 2				60
PGB NS2153			9.4H0.30ML	0.25 200		60
PGB EW2153			6.2H0.35ML	0.25 200		60
PMS Z 215339.30	P 3E 49.42	S 3				72
EBH Z 215330.50	P 0ID33.48	S 3E				19
EAU Z 215333.31	P 1ID38.01	S 2EU				35
ELO Z 215334.02	P 2E 39.48	S 3E				39
EDI Z 215334.02	P 1ID39.50	S 2E	10.7H0.20M	0.25 200		39
EDI NS2153	EU		EU 6.0H0.80ML	0.25 200		39
EDI EW2153	ED39.50	S ED	8.0H0.80ML	0.25 200		39
EAB Z 215334.18	P 2EU39.69	S 3E				40
EBL Z 215336.81	P 3E					57
-1						
280391HARTLAND+		12.5	5.0ABW	LBRISTOL CHANNEL		1
15059.23	295.15/ 174.77	9.6 2.2		51.462 -3.509		2
18 53 123 0.18	0.7 2.0 C B*D					3
HSA Z 015108.71	P 1ID15.62	S 1ID				55
HTL Z 015113.63	P 1IU23.38	S 1IU				86
HTL NS0151			8.2H0.11ML	1.0 200		86
HPE Z 015115.99	P 1ID27.61	S 1ID				102
HGH Z 015108.43	P 1IU					53
MCH Z 015110.52	P 1IU19.12	S 1IU				69
MCH NS0151			11.0H0.15ML	2.5 200		69
MCH EW0151			8.5H0.18ML	2.5 200		69
HTR Z 015110.89	P 1IU					71
HAE Z 015114.33	P 1IU					92
HCG Z 015115.20	P 1IU26.55	S 2				96
HLM Z 015119.29	P 2E					125
DYA Z 015118.11	P 2E 32.20	S 1ID				118
DYA NS0151			9.0H0.09ML	2.5 200		118
DYA EW0151			8.2H0.09ML	2.5 200		118
DCO Z 015119.96	P 2E 35.20	S 1				130
-1						
280391 LOWNET	LN 747	12.5	5.0DWR	LCLACKMANNAN,CENTRAL		1
9 9 7.13	292.62/ 693.25	0.8 1.1		56.120 -3.727		2
10 20 130 0.11	0.4 0.7 B A*C	COALFIELD TYPE				3
EBH Z 090911.10	P 1ID14.42	S 2EU				20
EAU Z 090913.80	P 2EU18.85	S 2ED				35
EAB Z 090914.56	P 2EU19.61	S 3E				39
EDI Z 090914.70	P 3E 20.21	S 3E	5.2H0.19M	0.25 200		40
EDI NS0909	E		EU 3.5H0.70ML	0.25 200		40
EDI EW0909	E 20.21	S ED	4.8H0.70ML	0.25 200		40
ELO Z 090914.72	P 3E 19.92	S 3E				39
-1						
290391 PAISLEY+	PA 358	12.5	5.0DG/DWR	LDOLLAR,CENTRAL		1
3 218.35	292.76/ 698.93	0.2 0.6		56.171 -3.727		2
9 16 145 0.21	0.9 1.5 C B*C	COALFIELD TYPE				3
PCO Z 030224.12	P 2E 29.01	S 3E				31
EBH Z 030222.01	P 3E 24.50	S 3E				16
EAU Z 030226.00	P 3E 31.70	S 3E				40
EDI Z 030226.31	P 2E 32.83	S 3E	1.6H0.18M			44
EDI NS0302	E 32.83	S E	1.6H0.60ML	0.25 200		44
EDI EW0302	E		1.0H0.60ML	0.25 200		44
EAB Z 030225.91	P 3E					38
-1						
290391ESK+	ES 520	12.5	5.0DG/DWR	LISLAY,STRATHCLYDE		1
92748.08	140.41/ 673.40	3.2 2.1		55.884 -6.152		2
23 69 248 0.26	2.0 2.9 C B*D					3
ESK Z 092818.71	P 3E 42.71	S 3				196
ESK NS0928			7.1H0.19ML	0.25 200		196
ESK EW0928			8.0H0.12ML	0.25 200		196
EDI Z 092818.50	P 3E 38.41	S 3E	4.8H0.40M			186
EDI NS0928	E		8.1H0.40ML	0.25 200		186
EDI EW0928	E 38.41	S E	6.5H0.38ML	0.25 200		186
GMK Z 092800.11	P 1IU08.31	S 3				69
GCL Z 092803.08	P 1IU14.10	S 3				90
GAL Z 092811.52	P 2E 29.15	S 2				145
GAL NS0928			2.5H0.14ML	2.5 200		145
GAL EW0928			3.5H0.18ML	2.5 200		145
GMM Z 092818.91	P 3E					184
PMS Z 092802.89	P 1IU12.47	S 3				88
PGB Z 092805.78	P 2E 18.05	S 3				105
PGB NS0928			8.1H0.18ML	1.0 200		105
PGB EW0928			8.0H0.17ML	1.0 200		105
PCA Z 092807.92	P 1IU					121
PCO Z 092809.20	P 2E 24.10	S 3				129
EAB Z 092807.12	P 2EU21.95	S 2E				118
ELO Z 092815.22	P 3E 32.51	S 3E				165
EBH Z 092815.60	P 3E 32.90	S 3E				169
EAU Z 092815.69	P 3E 34.32	S 3E				169
-1						
290391 PAISLEY+	PA 358	12.5	5.0DG/DWR	LCLACKMANNAN,CENTRAL		1
133813.16	293.43/ 693.20	0.9 1.8		3+ 56.120 -3.714		2
23 19 79 0.14	0.3 0.5 B A*C	COALFIELD TYPE, FELT				3
PCO Z 133818.70	P 1IU23.78	S 2				28
PCA Z 133823.64	P 2ED31.11	S 3				58
PGB Z 133823.90	P 2EU31.59	S 2				59
PGB NS1338			5.5H0.27ML	1.0 200		59
PGB EW1338			3.0H0.38ML	1.0 200		59
PMS Z 133825.50	P 3E 35.47	S 3				71
EBH Z 133817.08	P 2EU20.11	S 3E				19
EAU Z 133819.90	P 1ID24.35	S 2E				35
ELO Z 133820.50	P 2EU25.95	S 3E				39
EAB Z 133820.59	P 1IU25.94	S 3E				40

EDI Z 133820.70	P	OID26.18	S	2E	3.3H0.80M			40
EDI NS1338		IU		EU	6.5H0.40ML	1.0	200	40
EDI EW1338		ID26.18	S	ED	4.1H0.80ML	1.0	200	40
EBL Z 133823.34	P	2ED30.98	S	3E				57
EDU Z 133824.59	P	3E 33.11	S	3E				64
ESY Z 133826.09	P	3E 35.39	S	3E				72
-1								
310391 LOWNET	LN 747	12.5		5.0DWR	LSTRATHYRE,CENTRAL			1
1356 7.65	262.81/ 711.24	0.5	0.8		56.274 -4.216			2
6 12 235 0.39	4.5 3.2 D C*D							3
EAB Z 135610.12	P	3E 13.19	S	3E				12
EBH Z 135615.92	P	3E 23.10	S	3E				44
EDI Z 135620.62	P	3E 30.40	S	3E	1.7H0.28M	0.25	200	75
EDI NS1356	E	30.40	S	E	2.5H0.20ML	0.25	200	75
EDI EW1356	E		S	E	2.8H0.11ML	0.25	200	75
-1								
010491 PAISLEY	PA 358	12.5		5.0DG/DWR	LKIRKINTILLOCH,S'CLYDE			1
18 813.54	264.33/ 675.19	5.5	0.7		55.951 -4.173			2
17 6 87 0.08	0.3 0.4 B A*B							3
PCO Z 180815.05	P	OIU16.60	S	1				6
PCA Z 180818.91	P	IU22.61	S	2	10.5H0.19M	0.25	200	28
PMS Z 180820.41	P	IU25.28	S	2	7.0H0.19M	0.25	200	38
EAB Z 180818.81	P	OID22.74	S	2E		0.25	200	28
EAU Z 180821.92	P	2ED27.62	S	3E				47
EBH Z 180822.77	P	3E 29.42	S	3E				53
EDI Z 180823.77	P	3E 31.42	S	2E	3.0H0.10M	0.25	200	62
EDI NS1808	E		S	E	5.2H0.09ML	0.25	200	62
EDI EW1808	E		S	E	4.0H0.09ML	0.25	200	62
ELO Z 180825.00	P	3E 32.30	S	3E				65
EDU Z 180830.06	P	3E 41.50	S	3E				98
-1								
020491 LOWNET	LN 747	2089	12.5	5.0DWR	LBLAIRINGONE,TAYSIDE			1
14 323.50	298.28/ 697.55	0.0	0.9		56.160 -3.638			2
9 13 112 0.13	0.6 0.9 B A*C	COALFIELD TYPE						3
EBH Z 140326.50	P	OIU28.83	S	2E		0.25	200	13
ELO Z 140330.42	P	3E 36.21	S	3E				35
EAU Z 140330.89	P	3E 35.80	S	3E				37
EDI Z 140331.30	P	4E 36.45	S	3E	3.0H0.35M	0.25	200	39
EDI NS1403	E		S	E	4.0H0.41ML	0.25	200	39
EDI EW1403	E		S	E	5.0H0.40ML	0.25	200	39
EAB Z 140331.89	P	3E 37.80	S	3E				44
-1								
030491 LOWNET	LN 747	2244	12.5	5.0DWR	LLOCH LOCHY,HIGHLAND			1
11612.88	221.07/ 790.41	1.5	0.7		56.970 -4.944			2
8 94 315 0.38	29.8 22.3 D D*D	MAGNITUDE FROM VERTICALS						3
EAB Z 011628.80	P	3E 40.80	S	3E	1.8H0.09ML	0.25	200	95
ELO Z 011629.20	P	3E 41.10	S	3E	3.8H0.10ML	0.25	200	94
EBH Z 011632.28	P	3E 46.30	S	3E	2.0H0.09ML	0.25	200	119
EDU Z 011634.30	P	3E 49.10	S	3E				127
-1								
030491HEREFORD			12.5	5.0WRIGHTLLEARDISLEY,HEREFORD				1
194555.45	330.12/ 249.36	14.9	0.7		52.138 -3.021			2
5 16 220 0.15	0.6 0.6 C B*D							3
MCH Z 194559.03	P	IU61.90	S	2				16
MCH NS1945					4.0H0.11ML	2.5	200	16
MCH EW1945					6.0H0.09ML	2.5	200	16
HTR Z 194559.36	P	1ID62.49	S	2				18
HAE Z 194563.25	P	3E						34
-1								
040491HEREFORD	HF621		12.5	5.0WRIGHT LPONTYWAUN,GWENT				1
41642.50	326.46/ 198.33	0.2	2.1		51.678 -3.064			2
25 18 128 0.40	0.6 1.0 C C*C							3
HGH Z 041645.89	P	IU49.93	S	2				18
MCH Z 041649.30	P	1ID54.43	S	1				36
MCH NS0416					13.0H0.10ML	2.5	200	36
MCH EW0416					18.0H0.18ML	2.5	200	36
HTR Z 041651.00	P	1ID57.51	S	1				47
HAE Z 041652.32	P	1ID60.27	S	2				54
HCG Z 041656.94	P	1ID						82
SBD Z 041665.55	P	3E						137
CWF Z 041710.32	P	1ID29.70	S	2				168
CWF NS0417					7.5H0.09ML	1.0	200	168
CWF EW0417					10.5H0.09ML	1.0	200	168
WLC Z 041708.58	P	2E 26.81	S	2				155
YRH Z 041710.00	P	3E						167
WVR Z 041704.61	P	3E 20.30	S	2				130
WBR Z 041706.55	P	IU23.62	S	2				143
WST Z 041708.70	P	2E 27.55	S	2				158
WFB Z 041704.65	P	2E						130
HSA Z 041655.24	P	2E						76
HTL Z 041703.52	P	2E 19.07	S	2				125
-1								
040491 PAISLEY	PA 359	12.5		5.0DG/DWR	LDOLLAR,CENTRAL			1
20 957.80	295.14/ 696.67	16.9	1.2		56.151 -3.688			2
9 16 130 0.13	0.9 1.8 B A*B	COALFIELD TYPE						3
PCO Z 201003.69	P	2E 08.29	S	3				31
EBH Z 201001.60	P	2ED04.80	S	3E		0.25	200	16
EAU Z 201004.59	P	2E 09.55	S	3E				37
EDI Z 201005.27	P	2EU10.91	S	3E	2.5H0.60M	0.25	200	40
EDI NS2010	E		S	E	6.1H0.60ML	0.25	200	40
EDI EW2010	E		S	E	5.1H0.60ML	0.25	200	40
EAB Z 201005.28	P	3E						41
-1								
050491MORAY+			12.5	5.0BS	RCENTRAL NORTH SEA			1
183612.06	575.49/ 943.37	9.5	3.1		58.344 0.999			2
24211 238 0.25	2.6 2.6 D C*D							3
MFI Z 183642.80	P	1E						211
MLA Z 183648.10	P	1E						256
MCD Z 183649.70	P	1E 77.00	S	3E				265
MCD NS1836					05.0H0.12ML	01.0	200	265
MCD EW1836					05.0H0.22ML	01.0	200	265
MVH Z 183655.00	P	1E 86.00	S	3E				309
LRW Z 183645.80	P	2E 70.00	S	3E				235

LRW NS1836				06.0H02.5ML		01.0	200	235
LRW EW1836				07.3H0.18ML		01.0	200	235
SAN Z 183644.70		P 2E						226
WAL Z 183649.10		P 1ED						260
YEL Z 183650.30		P 2E 79.00	S 3E					273
XSO Z 183702.86		P 1ED41.50	S 3					374
ESK Z 183709.00		P 3E 50.53	S 3					424
ESK NS1837				12.2H0.18ML		0.25	200	424
ESK EW1837				11.0H0.19ML		0.25	200	424
ECK Z 183710.30		P 3E 52.95	S 3					433
PCO Z 183707.19		P 3E 47.71	S 3	21.0H0.20M		0.25	200	405
PCA Z 183710.77		P 3E 53.70	S 3	12.1H0.20M		0.25	200	434
PMS Z 183712.14		P 2E 56.50	S 3					446
-1								
060491N WALES				5.0RITCHIELLLEYN,GWYNEDD				1
51430.89	238.19/ 342.31	23.7	1.8	52.953	-4.409			2
10 20 216 0.06	0.6	0.7	C A*D	LLEYN AFTERSHOCK				3
WLC Z 051438.78		P 1IU44.12	S 1					43
YRH Z 051435.90		P 1IU39.30	S 1					20
WBR Z 051437.79		P 2E 42.51	S 1					36
WST Z 051436.88		P 3E 40.98	S 2					28
WFB Z 051438.20		P 2E 43.45	S 2					39
WLC NS0514				10.2H0.15ML		2.5	200	43
WLC EW0514				6.40H0.08ML		2.5	200	43
-1								
070491 ESK	ES 521		12.5	5.0DG/DWR	LNBROUGHTON,BORDERS			1
23 742.07	312.36/ 637.13	6.7	0.5	55.620	-3.392			2
10 25 190 0.19	2.5	3.2	D C*D					3
ESK Z 230748.67		P 2ED53.00	S 1					36
ESK NS2307				15.0H0.09ML		0.25	200	36
ESK EW2307				9.5H0.10ML		0.25	200	36
ECK Z 230751.42		P 2E 57.60	S 2					52
EAU Z 230746.88		P 0ID49.90	S 3E			0.25	200	25
EBL Z 230747.65		P 3E 51.00	S 2EU					28
EDI Z 230748.68		P 2E 53.35	S 2E	2.2H0.11M		0.25	200	36
EDI NS2307		E	E	4.5H0.12ML		0.25	200	36
EDI EW2307		E	E	2.9H0.15ML		0.25	200	36
-1								
140491 LOWNET	LN 749 1379		12.5	5.0DWR	LGLENEAGLES,TAYSIDE			1
84354.34	292.70/ 707.74	5.6	0.4	56.250	-3.732			2
9 14 123 0.12	0.6	0.9	B A*C					3
EBH Z 084357.29		P 1IU59.19	S 2ED			0.25	200	14
ELO Z 084359.10		P 3E 62.35	S 3E					25
EAB Z 084401.40		P 3E 06.11	S 3E					38
EDI Z 084403.20		P 3E 09.28	S 3E	1.3H0.10M		0.25	200	50
EDI NS0844		E	E	2.3H0.11ML		0.25	200	50
EDI EW0844		E	E	2.0H0.19ML		0.25	200	50
EDU Z 084404.30		P 4E 10.82	S 3E					55
-1								
140491 PAISLEY+	PA 360		12.5	5.0DG/DWR	LGLENEAGLES,TAYSIDE			1
141817.28	292.93/ 707.68	5.8	1.5	56.250	-3.728			2
15 14 103 0.12	0.4	0.8	B A*C					3
PCO Z 141824.00		P 0IU28.02	S 3			1.0	200	37
PCA Z 141829.21		P 1ID36.70	S 3	16.1H0.10M		0.25	200	70
PMS Z 141830.58		P 1ID39.60	S 3	15.0H0.08M		0.25	200	78
ESK Z 141836.00		P 2ED48.42	S 2					109
ESK NS1418				10.8H0.15ML		0.25	200	109
ESK EW1418				14.0H0.10ML		0.25	200	109
ECK Z 141838.31		P 2E 52.93	S 2					125
XSO Z 141839.30		P 2E 54.40	S 3					125
EBH Z 141820.15		P 0IU22.09	S 1ID			1.0	200	14
ELO Z 141822.05		P 0IU25.28	S 1IU					25
EAB Z 141824.26		P 1IU29.00	S 2EU					39
EAU Z 141825.80		P 0IU						48
EDI Z 141825.98		P 2E 32.01	S 2E	3.0H0.10M		1.0	200	50
EDI NS1418		E	E	3.6H0.11ML		1.0	200	50
EDI EW1418		EU	E	4.7H0.20ML		1.0	200	50
EDU Z 141826.88		P 3E 33.72	S 2E					55
-1								
140491SHETLAND	SH 639			5.0BS	RNORTHERN NORTH SEA			1
152848.44	598.09 1411.55	25.0	2.2	62.530	1.851			2
6270 355 0.27	58.1	90.2	D D*D					3
LRW Z 152930.60		P 1E 60.61	S 3E					312
LRW NS1529				06.3H0.10ML		0.25	200	312
LRW EW1529				06.5H0.09ML		0.25	200	312
WAL Z 152930.45		P 2E 61.71	S 3E					314
YEL Z 152924.80		P 2E 52.10	S 3E					270
-1								
140491 LANCS	LA 091 1724		12.5	5.0DWR	LMILNTHORPE,CUMBRIA			1
194552.13	348.64/ 481.17	2.8	0.9	54.224	-2.788			2
13 16 112 0.11	0.4	1.3	B A*C	COLLAPSE TYPE EVENT				3
LKL Z 194555.35		P 1ID57.69	S 1IU					17
LCK Z 194555.37		P 0ID57.59	S 2ED					16
LBO Z 194557.80		P 1ID61.89	S 2E					31
LMI Z 194558.10		P 3E 62.35	S 3E					34
LMI NS1945		E	E	8.8H0.20ML		0.25	200	34
LMI EW1945		E	E	8.4H0.19ML		0.25	200	34
LLO Z 194600.29		P 2ED05.10	S 4E					44
LLY Z 194600.91		P 2E 06.72	S 3E					48
XDE Z 194602.02		P 1ED08.97	S 2E					55
XAL Z 194606.39		P 4E						80
ECK Z 194611.00		P 2E 24.80	S 3E					109
ESK Z 194613.69		P 2ED27.50	S 3E					125
ESK NS1946		E	E	2.5H0.10ML		0.25	200	125
ESK EW1946		E	E	4.2H0.10ML		0.25	200	125
XSO Z 194617.10		P 3E 34.60	S 3E					145
HPK Z 194606.60		P 4E 16.80	S 3E					82
-1								
150491 PAISLEY	PA 360		12.5	5.0DG/DWR	LOBAN,STRATHCLYDE			1
03354.61	176.38/ 732.14	6.0	2.1	56.428	-5.627			2
20 84 306 0.31	3.2	5.2	D C*D					3
PMS Z 003408.50		P 1IU19.20	S 3					85
PCO Z 003412.41		P 1ID26.04	S 3					107

PCA Z 003413.61	P 1ID27.72	S 3	15.5H0.21M	0.25	200	118
ESK Z 003424.70	P 3E 47.17	S 3				196
ESK NS0034			8.5H0.27ML	0.25	200	196
ESK EW0034			7.0H0.20ML	0.25	200	196
ECK Z 003426.65	P 3E					210
EAB Z 003408.70	P 2EU18.60	S 2EU		0.25	200	84
ELO Z 003413.95	P 3E 27.90	S 3E				118
EBH Z 003416.50	P 3E 31.60	S 3E				133
EAU Z 003419.02	P 3E 37.01	S 3E				150
EDU Z 003420.10	P 3E 38.10	S 3E				162
EDI Z 003420.15	P 3E 37.86	S 3E	5.5H0.17M	0.25	200	162
EDI NS0034	E		EU13.9H0.28ML	0.25	200	162
EDI EW0034	E		E 10.3H0.28ML	0.25	200	162
-1						
150491 PAISLEY	PA 360	12.5	5.0DG/DWR	LDRYMEN,CENTRAL		1
2228 4.34	245.03/ 689.24	1.0 0.0		56.071 -4.490		2
6 16 183 0.36	3.9 4.5 D C*D	MAGNITUDE	FROM	VERTICALS		3
PCO Z 222809.38	P 1IU13.40	S 3	6.9H0.07ML	0.25	200	26
PMS Z 222810.55	P 3E 14.21	S 2	4.3H0.10ML	0.25	200	30
EAB Z 222807.20	P 3E 11.80	S 3E				16
-1						
170491 ESK	ES 522	12.5	5.0DG/DWR	LESKDALEMUIR,D & G		1
049 9.83	327.90/ 600.05	2.9 0.6		55.289 -3.135		2
4 5 233 0.13	0.0 0.0 C A*D					3
ESK Z 004911.12	P 0IU12.28	S 1				5
ESK NS0049	ID		7.9H0.08ML	2.5	200	5
ESK EW0049	ID		13.5H0.09ML	2.5	200	5
ECK Z 004912.50	P 0IU14.00	S 1				12
XSO Z 004919.06	P 2E					60
EDI Z 004921.10	P 3E 29.20	S 3E	1.4H0.12M	0.25	200	71
EDI NS0049	E		E 1.5H0.12ML	0.25	200	71
EDI EW0049	E		E 2.4H0.17ML	0.25	200	71
-1						
170491 LOWNET	LN 750	53	12.5	5.0DWR	LGLENEAGLES,TAYSIDE	1
84354.41	292.58/ 707.16	3.3 0.6		56.245 -3.734		2
7 14 172 0.08	0.6 2.1 C B*C					3
EBH Z 084357.40	P 0IU59.30	S 1ID		0.25	200	14
ELO Z 084359.21	P 2E 62.55	S 2EU				25
EAB Z 084401.50	P 3E 06.20	S 2E				38
EDU Z 084404.20	P 3E 11.01	S 3E				56
EDI Z 084404.60	P 4E 11.30	S 4E	2.2H0.23M	0.25	200	49
EDI NS0844	E		E 2.3H0.23ML	0.25	200	49
EDI EW0844	E		E 1.7H0.23ML	0.25	200	49
-1						
180491 PAISLEY+	PA 361	12.5	5.0DG/DWR	LCLACKMANNAN,CENTRAL		1
54947.77	293.30/ 693.50	1.5 1.7		56.122 -3.716		2
19 19 81 0.13	0.3 0.5 B A*C	COALFIELD	TYPE			3
PCO Z 054953.26	P 1IU58.24	S 1				28
PCA Z 054958.19	P 1ED65.57	S 2	8.1H0.48M	0.25	200	58
PMS Z 055000.39	P 2E 10.12	S 3	9.2H0.39M	0.25	200	71
ESK Z 055005.15	P 3E 15.82	S 2				95
ESK NS0550			9.1H0.20ML	0.25	200	95
ESK EW0550			9.5H0.26ML	0.25	200	95
XSO Z 055006.96	P 3E 18.22	S 3				116
ECK Z 055007.88	P 3E 20.29	S 3				111
EBH Z 054951.59	P 0ID54.60	S 2EU		1.0	200	19
EAU Z 054954.40	P 1ID59.31	S 3E				35
ELO Z 054955.01	P 2E 60.32	S 2E				39
EAB Z 054955.02	P 2EU60.30	S 3E				39
EDI Z 054955.20	P 1ID60.39	S 2E	4.4H0.35M	1.0	200	40
EDI NS0549	IU		E 4.2H0.60ML	1.0	200	40
EBL Z 054957.85	P 2E 65.40	S 2EU				57
EDU Z 054959.32	P 3E					64
EDI EW0549	ID		ED 3.7H0.80ML	1.0	200	40
-1						
180491 PAISLEY	PA 361	12.5	5.0DG/DWR	LMILNEGAVIE,STRATHCLYDE1		2
12 7 5.04	251.34/ 677.16	5.6 1.0		55.964 -4.382		3
14 18 126 0.12	0.4 1.2 B A*C					
PCO Z 120708.66	P 1IU11.45	S 3	11.0H0.19ML	1.0	200	18
PMS Z 120709.89	P 1IU13.85	S 3	11.5H0.11ML	1.0	200	26
PCA Z 120710.76	P 1ID14.63	S 3				31
EAB Z 120709.81	P 2E 13.21	S 2E		0.25	200	25
EBH Z 120715.91	P 2EU23.61	S 2ED				63
ELO Z 120716.75	P 3E 25.16	S 3E				70
EDI Z 120719.10	P 4E 28.40	S 3E	3.5H0.11M	0.25	200	75
EDI NS1207	E		E 5.8H0.11ML	0.25	200	75
EDI EW1207	E		E 4.5H0.11ML	0.25	200	75
EBL Z 120719.70	P 3E 30.30	S 3E				86
EDU Z 120723.20	P 3E 35.50	S 3E				107
-1						
190491 LANCS	LA 092	922	12.5	5.0DWR	LRUSLAND,CUMBRIA	1
3 446.63	337.33/ 490.46	2.5 0.7		54.306 -2.963		2
11 8 102 0.24	0.9 1.4 B B*B BY	LAKE	WINDERMERE			3
LCK Z 030448.59	P 0IU49.52	S 2EU				8
LMI Z 030451.20	P 0IU54.33	S 2E				24
LMI NS0304	ID		EU 2.1H0.21ML	1.0	200	24
LMI EW0304	ID		E 2.3H0.18ML	1.0	200	24
LKL Z 030452.21	P 3E 55.88	S 2E				30
LBO Z 030454.90	P 2E 60.91	S 3E				44
XDE Z 030454.00	P 3EU60.18	S 3E				41
XAL Z 030500.52	P 3E 11.30	S 4E				79
ESK Z 030507.12	P 2ED20.30	S 3E				114
ESK NS0305	E		E 2.1H0.10ML	0.25	200	114
ESK EW0305	E		EU 2.7H0.13ML	0.25	200	114
-1						
190491 ESK	ES 523	12.5	5.0DG	LPETERLEE,CO DURHAM		1
34827.22	445.51/ 541.87	1.1 1.6		54.770 -1.293		2
7 60 317 0.16	9.5 6.8 D D*D	COALFIELD	TYPE			3
XAL Z 034837.80	P 3E 45.89	S 3				60
XSO Z 034844.44	P 3E 56.75	S 3				101
ECK Z 034847.95	P 3E					126
ESK Z 034850.08	P 3E 66.57	S 3				137
ESK NS0348			6.0H0.21ML	0.25	200	137

ESK EW0348					4.5H0.22ML	0.25	200	137
-1								
190491 PAISLEY+	PA 361		12.5		5.0DG/DWR	LCLACKMANNAN,CENTRAL		1
	20 455.45	295.28/ 691.15	0.5 0.4			56.102	-3.684	2
6 20 150 0.26	2.4	3.1 C B*C	COALFIELD TYPE					3
PCO Z 200500.74		P 2E 05.78		S 3E	6.5H0.55M		0.25 200	29
EBH Z 200459.70		P 2E 62.60		S 3E			0.25 200	20
ELO Z 200501.50		P 3E 08.30		S 3E				41
EAU Z 200501.70		P 3E						32
EDI Z 200503.10		P 3E 09.15		S 3E	1.9H0.22M		0.25 200	37
EDI NS2005		E			1.2H0.30ML		0.25 200	37
EDI EW2005		E			2.3H0.30ML		0.25 200	37
-1								
200491KEYWORTH	KW158				5.0WRIGHT	LPILSLEY,NOTTS		1
	332 2.13	441.43/ 363.06	0.2 0.4			53.163	-1.380	2
6 14 218 0.46	2.4	2.2 D C*D	COALFIELD TYPE, 7KM NW OF SUTTON-IN-ASHFIELD					3
KBI Z 033204.84		P 2E 08.30		S 2				14
KWE Z 033208.84		P 2E 13.87		S 3				35
CFW Z 033210.61		P 3E 18.12		S 2				48
CFW NS0332					2.2H0.09ML		0.25 200	48
CFW EW0332					4.0H0.13ML		0.25 200	48
-1								
200491SHETLAND	SH 640				5.0BS	LSHETLAND ISLANDS		1
	105753.47	444.12 1146.94	3.9 1.2			60.205	-1.204	2
5 8 159 0.01	0.1	0.4 C A*D						3
LRW Z 105754.90		P 1IU55.90		S 3E				8
LRW NS1057					03.0H0.20ML		10.0 200	8
LRW EW1057					05.1H0.16ML		10.0 200	8
SAN Z 105756.91		P 1IU60.00		S 3E				21
WAL Z 105757.30		P 1IU						23
YEL Z 105759.80		P 2E						39
-1								
220491HEREFORD	HF624		12.5		5.0WRIGHT	LHALFWAY,DYFED		1
	151048.09	284.47/ 235.09	5.9 0.6			52.002	-3.683	2
8 30 134 0.12	0.7	1.4 B A*C	6KM EAST OF LLANDOVERY					3
HTR Z 151053.48		P 1IU57.80		S 2E				30
HCG Z 151054.75		P 2E 59.26		S 2E				36
MCH Z 151056.21		P 2E 62.20		S 2E				47
HGH Z 151060.70		P 3E						73
MCH NS1510					5.0H0.08ML		0.25 200	47
MCH EW1510					6.0H0.09ML		0.25 200	47
HTL Z 151109.70		P 1ID						125
HSA Z 151055.70		P 1ID						43
-1								
220491LANCS	LA 092	2143	12.5		5.0DWR	LSEDBERGH,CUMBRIA		1
	20 0 5.06	364.95/ 489.16	6.0 0.1			54.297	-2.539	2
5 9 250 0.04	1.3	0.9 C B*D						3
LKL Z 200007.19		P 1IU08.58		S 3E				9
LCK Z 200009.38		P 3E 12.63		S 2E				23
LBO Z 200012.28		P 3E 16.20		S 3E				35
LMI Z 200014.40		P 4E 20.70		S 3E				51
LMI NS2000		E			2.0H0.09ML		0.25 200	51
LMI EW2000		E			1.5H0.08ML		0.25 200	51
-1								
220491KEYWORTH	KW158				5.0WRIGHT	LOLLERTON,NOTTS		1
	205718.92	465.33/ 369.30	1.0 0.7			53.216	-1.021	2
6 34 283 0.21	13.2	9.2 D D*D	COALFIELD TYPE					3
KBI Z 205724.77		P 3E 30.21		S 2E				34
CFW Z 205729.29		P 2E 36.51		S 3E				57
CFW NS2057					3.5H0.11ML		0.25 200	57
CFW EW2057					4.0H0.10ML		0.25 200	57
KWE Z 205729.40		P 3E 37.71		S 3E				59
-1								
220491LOWNET	LN 750	1915	12.5		5.0DWR	LCLACKMANNAN,CENTRAL		1
	234126.54	291.82/ 692.68	1.0 0.7			56.115	-3.740	2
7 21 133 0.15	0.9	1.5 C B*C	COALFIELD TYPE					3
EBH Z 234130.70		P 2ED34.00		S 2ED			0.25 200	21
EAU Z 234133.35		P 3E						35
EAB Z 234133.70		P 3E 39.00		S 3E				38
EDI Z 234133.70		P 3E 39.40		S 3E	1.2H0.50M		0.25 200	41
EDI NS2341		E			1.6H0.50ML		0.25 200	41
EDI EW2341		E			2.6H0.60ML		0.25 200	41
-1								
240491LANCS	LA093		12.5		5.0FW/DWR	SPEKE,MERSEYSIDE		1
	314 3.09	344.61/ 380.36	8.1 1.6			53.317	-2.831	2
29 54 74 0.24	0.5	1.8 C B*D						3
LLY Z 031412.49		P 2EU18.91		S 3E				54
LLO Z 031413.53		P 2E 20.72		S 3E				62
LBO Z 031415.91		P 2ED23.83		S 4E				76
WLC Z 031415.31		P 1IU23.60		S 2E				73
WVR Z 031415.95		P 2EU24.48		S 4E				78
LMI Z 031420.30		P 2E 32.58		S 3E				105
LMI NS0314					9.0H0.11ML		0.25 200	105
LMI EW0314					12.0H0.13ML		0.25 200	105
KWE Z 031415.49		P 1IU24.21		S 3E				74
KBI Z 031417.12		P 3E 28.39		S 3E				87
CFW Z 031423.19		P 2EU36.42		S 2E				121
CFW NS0314		ED			EU13.1H0.10ML		0.25 200	121
CFW EW0314		EU			E 10.6H0.10ML		0.25 200	121
HPK Z 031420.60		P 2ED32.79		S 2E				107
WPM Z 031415.09		P 2E 23.55		S 2E				72
WLF Z 031420.30		P 2EU31.03		S 4E				104
SBD Z 031412.28		P 1IU19.09		S 2E				54
HLM Z 031417.99		P 2EU28.15		S 2ED				89
YRH Z 031424.25		P 1IU40.10		S 3E				132
MCH Z 031426.70		P 3E 43.70		S 2E				147
MCH NS0314		E			13.3H0.09ML		0.25 200	147
MCH EW0314		E			10.5H0.12ML		0.25 200	147
-1								
240491MORAY	MN526				5.0BSDGDWRLSTRATHYRE,CENTRAL			1
	93718.45	249.97/ 715.52	7.1 1.9			56.308	-4.425	2
25 14 161 0.28	0.8	1.3 C B*C						3
MDO Z 093739.10		P 2E 53.50		S 3E				126

MME Z 093741.20	P 2E								143
MCD Z 093743.50	P 1EU61.10			S 3E					159
MCD NS0937					05.1H0.11ML		1.0	200	159
MCD EW0937					04.5H0.10ML		1.0	200	159
PCO Z 093725.89	P 1IU31.26			S 3	6.5H0.20M		1.0	200	41
PMS Z 093728.00	P 2E 34.63			S 1	6.0H0.20M		1.0	200	55
PCA Z 093730.80	P 2E								69
EAB Z 093721.28	P 0ID22.76			S 2E			1.0	200	14
ELO Z 093726.44	P 1IU32.12			S 2EU					48
EBH Z 093728.29	P 1EU35.70			S 3E					57
EAU Z 093732.17	P 2ED								80
EDU Z 093733.44	P 2EU44.65			S 3E					91
EDI Z 093733.99	P 3E 44.02			S 2E	2.0H0.12M		1.0	200	88
EDI NS0937	E			E	4.1H0.19ML		1.0	200	88
EDI EW0937	E			E	5.5H0.12ML		1.0	200	88
EBL Z 093736.30	P 3E 47.25			S 3E					105
ESY Z 093738.40	P 3E 52.40			S 3E					121
-1									
240491 LOWNET	LN 751	73	12.5	5.0DWR		RCENTRAL NORTH SEA			1
	103249.51	713.84	822.75	5.0	2.3	57.188	3.196		2
7384 349 0.47	0.0	0.0	D D*D WEAKLY RECORDED						3
EDU Z 103341.10	P 3E 78.50			S 4E	1.6H0.18ML		0.25	200	385
ESY Z 103343.20	P 3E 82.20			S 3E	1.6H0.18ML		0.25	200	384
ELO Z 103348.70	P 3E 91.90			S 3E	1.4H0.12ML		0.25	200	430
EAB Z 103355.30	P 3E 101.90			S 3E	1.5H0.22ML		0.25	200	475
-1									
250491 LOWNET	LN 751	431	12.5	5.0DWR		LCLACKMANNAN,CENTRAL			1
	123219.09	293.32/ 693.23	0.7	1.6		56.120	-3.716		2
12 19 129 0.10	0.3	0.5	B A*C COALFIELD TYPE						3
EBH Z 123222.95	P 2ED26.10			S 3E			1.0	200	19
EAU Z 123225.70	P 3E 30.62			S 3E					35
EAB Z 123226.59	P 2E 32.00			S 3E					40
EDI Z 123226.61	P 2E 32.21			S 2E	2.4H0.80M		1.0	200	40
EDI NS1232	E			E	4.4H0.40ML		1.0	200	40
EDI EW1232	E			ED	3.0H0.70ML		1.0	200	40
ELO Z 123226.65	P 2E 31.95			S 3E					39
EBL Z 123229.40	P 3E 36.90			S 3E					57
EDU Z 123232.20	P 3E 41.30			S 3E					65
-1									
250491SHETLAND+				5.0		RNORTHERN NORTH SEA			1
	162747.23	600.03	1167.21	10.6	4.2	60.340	1.625		2
24151 129 0.54	2.4	4.4	D D*D						3
MLA Z 162836.60	P 1ED81.40			S 3E					364
MFI Z 162838.50	P 2E								378
MCD Z 162842.90	P 2E								416
MCD NS1628					08.5H0.60ML		0.25	200	416
MCD EW1628					04.5H0.30ML		0.25	200	416
MVH Z 162844.00	P 2E								428
MME Z 1628		84.60		S 3E					429
SUE Z 162814.76	P 1I								189
HYA Z 162824.38	P 1I 51.32			S 3E					265
BER Z 162816.64	P 1ID								204
ASK Z 162815.83	P 1I								198
KMY Z 162822.30	P 1E 46.73			S 3E					239
ODD1Z 162826.54	P 1I								282
FOO Z 162821.38	P 1I 44.46			S 3I					232
FRO Z 162821.82	P 1I 45.12			S 3I					237
LRW Z 162810.61	P 2E 28.80			S 3E					157
SAN Z 162811.60	P 2E 30.80			S 3E					163
WAL Z 162814.30	P 2E								179
YEL Z 162810.60	P 2E 27.10			S 3E					151
-1									
250491KEYWORTH	KW159			5.0FW		ASKAM,NOTTS			1
	233217.19	474.16/ 376.01	0.2	0.6		53.276	-0.888		2
4 43 298 0.12	0.0	0.0	C A*D COALFIELD TYPE						3
KBI Z 233225.20	P 3E								43
KWE Z 233229.88	P 3E								70
CWF Z 233229.00	P 3E 37.81			S 3E					66
CWF NS2332	P				2.0H0.13ML		0.25	200	66
CWF EW2332					2.5H0.10ML		0.25	200	66
-1									
270491 LANCS	LA 093	1223	12.5	5.0DWR		LSEDBERGH,CUMBRIA			1
	23116.33	365.17/ 489.05	6.0	0.2		54.296	-2.535		2
6 9 252 0.06	1.3	0.8	C B*D						3
LKL Z 023118.51	P 2E 19.81			S 3E					9
LCK Z 023120.70	P 1IU24.01			S 2EU					23
LBO Z 023122.35	P 3E 27.49			S 2E					35
LMI Z 023125.55	P 4E 32.72			S 3E					51
LMI NS0231	E			E	1.3H0.11ML		0.25	200	51
LMI EW0231	E			E	1.6H0.11ML		0.25	200	51
-1									
010591 LOWNET	LN 753		12.5	5.0DWR/DG		LCLACKMANNAN,CENTRAL			1
	1928 0.55	292.84/ 693.25	1.3	1.1		56.120	-3.724		2
13 20 80 0.10	0.3	0.5	B A*C COALFIELD TYPE						3
EBH Z 192804.40	P 2ED07.61			S 2ED			0.25	200	20
EAU Z 192807.20	P 3E 11.93			S 3E					35
ELO Z 192807.82	P 3E 13.20			S 3E					39
EAB Z 192807.92	P 3E 13.05			S 3E					39
EDI Z 192808.08	P 3E 13.51			S 2E					40
EDI NS1928	E			E	5.2H0.45ML		0.25	200	40
EDI EW1928	E			E	4.5H0.50ML		0.25	200	40
PCO Z 192805.95	P 2E 09.80			S 3					28
PCA Z 192810.47	P 2E								57
-1									
040591 LOWNET	LN 753	1163	12.5	5.0DWR		LCLACKMANNAN,CENTRAL			1
	161519.24	291.99/ 693.38	1.3	1.0		56.121	-3.737		2
10 20 131 0.06	0.2	0.4	B A*C COALFIELD TYPE						3
EBH Z 161523.30	P 2ED26.46			S 3E					20
EAU Z 161525.90	P 2E 30.86			S 3E					36
EAB Z 161526.42	P 3E 31.60			S 3E					38
ELO Z 161526.62	P 3E 31.76			S 3E					39
EDI Z 161526.80	P 3E 32.42			S 3E	1.9H0.60M		0.25	200	41
EDI NS1615	E			E	3.1H0.75ML		0.25	200	41

EDI EW1615	E	E	3.7H0.70ML	0.25	200	41
-1						
040591 LOWNET	LN 753	1173	12.5	5.0DWR	LGLENEAGLES, TAYSIDE	1
17 223.98	292.22/	706.91	4.8	0.5	56.243 -3.739	2
10 14 125 0.16	0.7	1.4 C B*C				3
EBH Z 170226.99	P	0IU28.90	S	2ED		14
ELO Z 170228.90	P	1IU32.16	S	2EU		26
EAB Z 170231.16	P	3E 35.52	S	3E		38
EDI Z 170232.78	P	3E 38.92	S	3E	2.3H0.10M	50
EDI NS1702	E		E	2.7H0.11ML	0.25 200	50
EDI EW1702	E		E	2.5H0.20ML	0.25 200	50
EDU Z 170233.59	P	3E 40.72	S	3E		56
-1						
060591 LOWNET	LN 753	1857	12.5	5.0DWR	LLOGIEALMOND, TAYSIDE	1
183432.55	297.32/	734.71	0.5	0.2	56.493 -3.668	2
6 4 215 0.41	9.8	8.3 D D*D				3
ELO Z 183433.17	P	0IU34.77	S	2E	7.6H0.15ML	4
EBH Z 183437.74	P	1IU43.00	S	2E	7.5H0.11ML	29
EDU Z 183440.25	P	2ED46.38	S	3E	4.2H0.11ML	41
-1						
070591 LOWNET	LN 753	2145	12.5	5.0DWR	LCRIANLARICH, CENTRAL	1
153131.18	244.38/	730.37	1.0	0.8	56.440 -4.525	2
7 30 285 0.18	31.7	23.9 D D*D				3
EAB Z 153137.10	P	2EU41.22	S	3E	4.5H0.14M	30
ELO Z 153139.91	P	3E 47.12	S	3E	4.0H0.09M	50
EBH Z 153143.21	P	2E 51.90	S	3E	4.9H0.08ML	66
EDU Z 153147.60	P	3E 60.30	S	3E	3.2H0.11ML	94
-1						
070591 LOWNET	LN 753	2146	12.5	5.0DWR/DG	LCRIANLARICH, CENTRAL	1
153310.89	240.87/	732.11	2.8	1.6	56.454 -4.582	2
15 33 255 0.30	1.9	2.2 D C*D				3
EAB Z 153317.05	P	1IU21.19	S	2EU14.3H0.16M	0.25 200	33
ELO Z 153320.15	P	1IU27.03	S	2EU11.7H0.10M	0.25 200	54
EBH Z 153323.23	P	2E 32.21	S	3E	13.6H0.09M	70
EDU Z 153327.20	P	3E 39.58	S	3E	7.6H0.10M	97
EAU Z 153327.90	P	3E 39.71	S	3E		98
EDI Z 153329.60	P	3E 42.52	S	3E	5.6H0.22M	105
EDI NS1533	E		E	8.3H0.20ML	0.25 200	105
EDI EW1533	E		E	8.0H0.21ML	0.25 200	105
EBL Z 153331.89	P	3E 47.65	S	3E		122
PCO Z 153321.60	P	1IU30.02	S	3		60
PMS Z 153322.61	P	2E 30.91	S	2		69
PCA Z 153326.52	P	2E 37.42	S	4		86
-1						
070591 LOWNET	LN 753	2150	12.5	5.0DWR	LCRIANLARICH, CENTRAL	1
155017.00	242.18/	731.40	3.1	0.5	56.448 -4.561	2
8 32 289 0.14	4.8	9.5 D C*D	MAGNITUDE FROM VERTICALS			3
EAB Z 155022.91	P	2E 27.15	S	3E	2.6H0.12M	32
ELO Z 155025.98	P	3E 33.00	S	3E	1.7H0.18M	52
EBH Z 155029.20	P	3E 38.12	S	3E	2.2H0.09ML	69
EDU Z 155033.29	P	3E 44.80	S	3E	1.6H0.10ML	96
-1						
070591 LOWNET	LN 753	2255	12.5	5.0DWR/DG	LCRIANLARICH, CENTRAL	1
232720.67	239.39/	735.09	2.3	1.7	56.481 -4.608	2
30 37 181 0.40	1.2	1.2 D C*D				3
EAB Z 232727.20	P	0IU31.70	S	2EU11.6H0.18M	0.25 200	37
ELO Z 232730.29	P	1IU37.15	S	2E	16.6H0.11M	55
EBH Z 232733.49	P	1IU42.90	S	3E	18.3H0.09M	73
EDU Z 232737.50	P	2ED48.99	S	3E	10.5H0.11M	99
EAU Z 232737.99	P	2ED49.65	S	3E		101
EDI Z 232739.08	P	3E 52.29	S	3E	6.3H0.15M	108
EDI NS2327	E		E	12.5H0.16ML	0.25 200	108
EDI EW2327	E		E	10.7H0.18ML	0.25 200	108
EBL Z 232741.98	P	3E 57.48	S	3E		125
ESY Z 232743.68	P	3E 61.19	S	3E		139
PCO Z 232731.73	P	1IU40.14	S	2		63
PMS Z 232732.57	P	3E 41.14	S	2		71
PCA Z 232736.65	P	3E 47.07	S	3		90
ESK Z 232746.49	P	2E 64.80	S	3		157
ESK NS2327					8.5H0.19ML	157
ESK EW2327					4.5H0.11ML	157
ECK Z 232749.32	P	3E 69.21	S	3		172
XSO Z 232751.40	P	3E 73.35	S	3		184
MDO Z 232738.71	P	1E 50.90	S	3		108
MCD Z 232745.10	P	2E 62.40	S	3		148
MCD NS2327					10.0H0.10ML	148
MCD EW2327					9.2H0.13ML	148
-1						
080591 KEYWORTH	KW160		12.5	5.0WRIGHT	LSWINTON, S YORKSHIRE	1
44224.15	445.79/	396.78	0.2	1.6	53.466 -1.310	2
7 28 201 0.16	2.6	1.4 D C*D	COALFIELD TYPE, 7KM NE OF ROTHERHAM			3
KBI Z 044229.29	P	3E				28
KWE Z 044236.23	P	3E 43.59	S	3E		61
CWF Z 044238.40	P	2E 48.72	S	2E		81
CWF NS0442					7.5H0.17ML	81
CWF EW0442					10.0H0.18ML	81
SBD Z 044247.53	P	3E 66.19	S	3E		144
HLM Z 0443		07.20		2E		150
HPK Z 044234.79	P	3E 42.62	S	1		58
HPK NS0442					5.6H0.21ML	58
HPK EW0442					4.0H0.18ML	58
LBO Z 044241.83	P	3E 55.55	S	3E		101
LLO Z 044241.98	P	4E 55.70	S	4E		93
LLY Z 044243.32	P	3E 58.05	S	3E		112
LKL Z 044245.11	P	3E 60.11	S	3E		116
LCK Z 044248.72	P	3E 67.11	S	3E		143
LMI Z 044251.30	P	3E 70.70	S	3E	2.2H0.25M	156
LMI NS0442	E		E	2.3H0.42ML	0.25 200	156
LMI EW0442	E		E	2.2H0.38ML	0.25 200	156
-1						
090591 LANCS	LA 095	532	12.5	5.0DWR	LSEBERGHAM, CUMBRIA	1
203737.89	335.10/	543.29	7.3	0.6	54.780 -3.009	2
10 44 123 0.29	0.9	3.3 C B*C				3

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Table 5 (cont'd)

LCK Z 203746.19	P 3E 51.78	S 2E						48
LMI Z 203749.30	P 3E 56.91	S 3E						65
LMI NS2037	E	E	3.2H0.12ML		0.25	200		65
LMI EW2037	E	E	4.0H0.12ML		0.25	200		65
XDE Z 203745.75	P 2ED51.21	S 3E						44
XAL Z 203746.90	P 2E 53.32	S 3E						52
ESK Z 203748.51	P 3E 55.15	S 3E						61
ESK NS2037	E	E	2.5H0.09ML		0.25	200		61
ESK EW2037	E	E	2.5H0.09ML		0.25	200		61
-1								
120591KEYWORTH	KW132		5.0				LCOPPICE FARM,STAFFS	1
2156 8.14	396.65/ 314.71	0.5 1.6			2+	52.730	-2.050	2
7 35 158 0.41	3.3 3.9 C C*C	COALFIELD TYPE, FELT					CANNOCK	3
KWE Z 215614.31	P 2E							35
CWF Z 215617.61	P 2E 24.25	S 2						50
CWF NS2156			22.5H0.21ML		0.25	200		50
CWF EW2156			10.5H0.21ML		0.25	200		50
KBI Z 215621.17	P 2E 30.25	S 2						68
KSY Z 215626.40	P 3E							102
KUF Z 215628.29	P 2E 41.27	S 3						113
HLM Z 215619.48	P 2E 27.09	S 3						62
HAE Z 215623.69	P 2E 34.65	S 3						84
SBD Z 215622.49	P 3E 34.05	S 3						84
MCH Z 215626.84	P 2E 39.20	S 3						104
HTR Z 215627.40	P 3E 41.79	S 3						110
HGH Z 215631.5	P 3E							132
LLY Z 215630.45	P 3E							132
LLO Z 215631.80	P 3E							129
LBO Z 215633.61	P 3E 51.20	S 3E						143
LKL Z 215638.30	P 3E 57.20	S 3E						169
LMI Z 215640.60	P 4E 62.50	S 3E	3.1H0.50M		0.25	200		186
LMI NS2156	E	E	2.5H0.50ML		0.25	200		186
LMI EW2156	E	E	2.5H0.50ML		0.25	200		186
-1								
150591KEYWORTH			5.0				LCLIFTON,S YORKSHIRE	1
173029.70	452.41/ 396.62	0.5 1.4					53.463 -1.211	2
9 31 170 0.44	2.4 3.1 C C*C	COALFIELD TYPE						3
KBI Z 173036.25	P 2E 40.51	S 3E						31
KSY Z 173042.12	P 2E							69
KWE Z 173041.28	P 3E 49.80	S 2E						65
CWF Z 173043.44	P 2E 54.26	S 2E						81
CWF NS1730			10.7H0.11ML		0.25	200		81
CWF EW1730			9.0H0.10ML		0.25	200		81
HPK Z 173039.90	P 2E 49.42	S 2E						61
HPK NS1730			10.1H0.18ML		1.0	200		61
HPK EW1730			3.0H0.05ML		1.0	200		61
-1								
150591LOWNET	LN 755		12.5				LCLACKMANNAN,CENTRAL	1
175827.70	291.64/ 694.65	0.2 1.0					56.132 -3.744	2
9 20 102 0.13	0.7 0.5 B A*C	COALFIELD TYPE						3
EBH Z 175831.80	P 1ID35.09	S 2ED						20
EAU Z 175834.40	P 3E							37
ELO Z 175834.70	P 3E 40.41	S 3E						38
EAB Z 175835.05	P 3E 40.17	S 3E						38
EDI Z 175835.11	P 3E 40.32	S 3E						42
EDI NS1758	E	E	3.5H0.45ML		0.25	200		42
EDI EW1758	E	E	6.1H0.45ML		0.25	200		42
EDU Z 175839.52	P 3E 48.12	S 3E						65
PCO Z 175833.20	P 1IU37.60	S 3						27
PCA Z 175838.70	P 2E							58
PMS Z 175840.37	P 2E 49.45	S 3						70
-1								
170591KEYWORTH			5.0				LHIGH NEEDHAM,DERBS	1
11037.76	412.48/ 365.62	0.1 0.8					53.187 -1.813	2
6 19 183 0.18	1.1 1.2 C B*D	COALFIELD TYPE						3
KBI Z 011042.03	P 2E 45.44	S 3E	5.8H0.12ML		0.25	200		21
KWE Z 011041.80	P 3E 45.00	S 3E						19
HPK Z 011051.99	P 3E 64.00	S 2E						86
HPK NS0110			7.5H0.13ML		0.25	200		86
HPK EW0110			4.0H0.18ML		0.25	200		86
-1								
170591LANCS	LA 096		12.5				LWHITBY,N YORKSHIRE	1
34020.30	518.14/ 518.86	1.8 1.6					54.551 -0.173	2
8136 300 0.28	9.1 6.2 D D*D	OFFSHORE LOCATION						3
LKL Z 034045.90	P 3E 64.00	S 3E						158
LBO Z 034047.80	P 3E 67.65	S 3E						169
LMI Z 034054.30	P 3E 77.90	S 3E	1.0 0.28M		0.25	200		207
LMI NS0340	E	E	1.4H0.30ML		0.25	200		207
LMI EW0340	E	E	1.8H0.28ML		0.25	200		207
XAL Z 034042.35	P 3E 59.02	S 2						136
XSO Z 034047.31	P 3E 67.55	S 2						169
-1								
170591KEYWORTH			5.0				LBUXTON,DERBYSHIRE	1
22 253.41	408.14/ 375.50	0.5 1.2					53.276 -1.878	2
8 23 135 0.44	2.3 2.8 C C*C	COALFIELD TYPE						3
KBI Z 220258.25	P 2E 61.70	S 2						24
KWE Z 220258.71	P 1E 63.73	S 1						29
LBO Z 220312.50	P 3E 28.10	S 3E						91
HPK Z 220306.41	P 3E 17.21	S 2						77
HPK NS2203			3.7H0.13ML		1.0	200		77
HPK EW2203			2.0H0.18ML		1.0	200		77
LLY Z 220313.70	P 3E 30.00	S 3E						90
LKL Z 220314.90	P 3E 32.50	S 3E						114
LCK Z 220317.60	P 3E 39.20	S 3E						137
LMI Z 220319.70	P 3E 41.70	S 3E	1.8H0.21M		0.25	200		141
LMI NS2203	E	E	1.5H0.20ML		0.25	200		141
LMI EW2203	E	E	1.9H0.18ML		0.25	200		141
-1								
180591KEYWORTH			5.0				LSUTTON-IN-ASHF'D,NOTTS1	1
185024.40	449.06/ 359.39	3.2 0.0					53.129 -1.267	2
4 22 163 0.11	0.0 0.0 C A*D	COALFIELD TYPE, MAGNITUDE FROM VERTICALS						3
KBI Z 185028.30	P 3E 31.72	S 2E	3.6H0.19ML		0.25	200		22
KWE Z 185031.73	P 2E							41

KSY Z 1850		39.70		S 3E				49
-1								
190591 LOWNET	LN 755	1262	12.5		5.0DWR	LTYNDRUM,CENTRAL		1
	11146.22	226.35/ 728.22	3.1 1.2			56.414 -4.815		2
21 39 266 0.26	1.6	1.8 C B*D						3
EAB Z 011153.07		P 0IU57.39		S 3E	5.5H0.09M	0.25 200		39
ELO Z 011157.90		P 0IU66.25		S 3E	8.6H0.09M	0.25 200		68
EBH Z 011200.52		P 2E 10.59		S 3E	3.0H0.09M	0.25 200		83
EAU Z 011204.00		P 2E 17.22		S 3E	3.0H0.09M	0.25 200		106
EDU Z 011204.91		P 3E 17.80		S 3E				112
EDI Z 011205.10		P 3E 19.15		S 3E	2.4H0.12M	0.25 200		115
EDI NS0112		E		E	4.9H0.10ML	0.25 200		115
EDI EW0112		E		E	3.5H0.18ML	0.25 200		115
PMS Z 011157.41		P 2E 64.80		S 2				63
PCO Z 011157.62		P 1IU65.48		S 3				65
PCA Z 011200.80		P 3E 11.41		S 3				87
ESK Z 011212.29		P 3E 30.25		S 3				158
ECK Z 011214.90		P 3E 35.32		S 3				173
-1								
190591HEREFORD	HF627				5.0WRIGHT	LBARGOED,MID GLAMORGAN		1
	92044.76	309.62/ 201.46	0.2 0.8			51.704 -3.308		2
7 35 239 0.07	0.7	1.4 C A*D NORTHWEST OF BARGOED						3
HGH Z 092051.21		P 1ID55.93		S 1I				36
MCH Z 092051.63		P 2E 56.90		S 1				39
HTR Z 092052.30		P 3E 58.05		S 3				42
MCH NS0920					11.2H0.12ML	0.25 200		39
HCG Z 092057.52		P 2E						73
MCH EW0920					11.5H0.11ML	0.25 200		39
-1								
200591KEYWORTH					5.0WRIGHT	LGLAPWELL,NOTTS		1
	32530.37	449.92/ 366.83	8.4 1.3			53.196 -1.253		2
8 20 200 0.42	3.5	23.5 D C*D COALFIELD TYPE, 6KM NNW OF MANSFIELD						3
KBI Z 032534.53		P 1ID36.95		S 2				20
KWE Z 032537.39		P 3E 43.87		S 2				44
CWF Z 032539.62		P 3E 44.96		S 3				51
HPK Z 032545.68		P 3E 54.91		S 2				88
HPK NS0325					8.4H0.15ML	0.25 200		88
HPK EW0325					5.1H0.14ML	0.25 200		88
-1								
200591 LANCS	LA 096		12.5		5.0DWR	LALLERBY,CUMBRIA		1
	1259 2.14	309.71/ 539.08	9.6 1.5			54.738 -3.402		2
20 27 87 0.25	0.7	3.0 C B*C						3
LCK Z 125911.28		P 1IU17.31		S 4E				54
LMI Z 125912.30		P 2E 19.05		S 2E				58
LMI NS1259		EU		EU	3.6H0.21ML	1.0 200		58
LMI EW1259		E		EU	4.1H0.30ML	1.0 200		58
LKL Z 125915.32		P 3E 25.12		S 3E				81
LBO Z 125918.89		P 3E 30.41		S 3E				100
XDE Z 125907.10		P 1IU10.43		S 2E				27
ECK Z 125911.23		P 2EU17.05		S 3E				52
ESK Z 125913.30		P 1IU20.41		S 2E				66
ESK NS1259		EU		EU	3.9H0.11ML	1.0 200		66
ESK EW1259		E		E	6.4H0.11ML	1.0 200		66
XAL Z 125915.45		P 2E 24.40		S 3E				78
XSO Z 125920.38		P 3E 33.73		S 3E				112
GCD Z 125908.68		P 3E 13.53		S 3E				37
GIM Z 125917.12		P 4E 27.25		S 4E				85
GAL Z 125917.22		P 4E 26.80		S 3E				85
GAL NS1259		E		E	12.0H0.10ML	0.25 200		85
GAL EW1259		E		E	8.1H0.09ML	0.25 200		85
-1								
200591HEREFORD					5.0WRIGHT	LPONTYPOOL,GWENT		1
	194534.20	330.26/ 201.48	7.0 0.8			51.707 -3.009		2
5 16 218 0.23	3.9	10.3 D C*D						3
HGH Z 194537.31		P 1ID39.25		S 1				16
MCH Z 194540.44		P 2E 44.10		S 2E				32
MCH NS1945					7.5H0.18ML	0.25 200		32
MCH EW1945					11.7H0.20ML	0.25 200		32
HTR Z 194541.50		P 4E 47.56		S 3E				45
-1								
210591 LOWNET	LN 755	1950	12.5		5.0DWR	LGLENEAGLES,TAYSIDE		1
	31423.01	293.31/ 707.55	5.1 0.4			56.249 -3.722		2
9 13 123 0.09	0.4	0.7 B A*C						3
EBH Z 031425.84		P 0IU27.72		S 1IU	26.8H0.10M	1.0 200		13
ELO Z 031427.93		P 3E 31.00		S 2E				25
EAB Z 031430.09		P 1IU35.12		S 2E				39
EDI Z 031431.69		P 3E 37.92		S 2E	1.6H0.11M	0.25 200		49
EDI NS0314		E		E	3.6H0.10ML	0.25 200		49
EDI EW0314		E		E	2.7H0.09ML	0.25 200		49
EDU Z 031433.32		P 3E 39.46		S 2E				55
-1								
210591 LANCS	LA 097	196	12.5		5.0DWR/FW	LWIDNES,CHESHIRE		1
	232215.94	348.04/ 383.09	10.9 1.3			53.342 -2.781		2
33 51 67 0.28	0.6	2.5 C B*D						3
LLY Z 232225.11		P 2E 30.72		S 3E				51
LLO Z 232225.78		P 3E 31.90		S 3E				59
KWE Z 232228.10		P 2EU36.70		S 3E				73
LBO Z 232228.30		P 2E 36.21		S 3E				72
KBI Z 232230.30		P 3E 37.92		S 4E				84
LKL Z 232232.30		P 3E 42.82		S 4E				99
LMI Z 232233.41		P 3E 45.48		S 2E				104
LMI NS2322		E		E	8.5H0.12ML	0.25 200		104
LMI EW2322		E		E	9.0H0.12ML	0.25 200		104
WCB Z 232234.10		P 3E 47.92		S 3E				118
WFB Z 232234.20		P 2EU47.38		S 3E				112
YLL Z 232231.80		P 3E 42.50		S 3E				96
WME Z 232232.90		P 3E 44.50		S 2E				102
YRE Z 232235.11		P 3E 48.50		S 3E				117
HPK Z 232232.72		P 1IU44.65		S 2E				103
WVR Z 232229.50		P 2E 39.11		S 2E				82
HLM Z 232232.01		P 3E 41.89		S 1ID				92
WLC Z 232228.89		P 1IU37.56		S 3E				77
WLC NS2322		ID		E	9.2H0.10ML	0.25 200		77

WLC EW2322	ID	E	6.0H0.11ML	0.25	200	77
SBD Z 232225.80	P 1IU33.00	S 2E				58
WST Z 232231.10	P 2E					91
-1						
220591KEYWORTH			5.0FW/DWR LPLEASLEY,NOTTS			1
0 520.51	451.69/ 364.40	2.7 1.1	53.174	-1.227		2
13 22 264 0.40	2.7 3.6 D C*D COALFIELD TYPE, 6KM NE OF MANSFIELD					3
KBI Z 000524.85	P 2E 27.51	S 2E	7.0H0.13M	0.25	200	22
KWE Z 000528.22	P 3E 34.60	S 3E				45
HPK Z 0005	P 3E 46.23	S 3E				91
HPK NS0005			8.5H0.17ML	0.25	200	91
HPK EW0005			5.8H0.12ML	0.25	200	91
LLO Z 000540.20	P 3E 54.60	S 3E				116
LBO Z 000541.60	P 3E 58.40	S 3E				126
LKL Z 000544.10	P 3E 60.60	S 3E				145
LMI Z 000549.60	P 3E 71.40	S 3E				180
LMI NS0005	E	E	1.0H0.13ML	0.25	200	180
LMI EW0005	E	E	1.0H0.16ML	0.25	200	180
-1						
220591KEYWORTH			5.0WRIGHT LMANSFIELD,NOTTS			1
4 518.97	452.24/ 360.64	1.6 1.5	53.140	-1.219		2
7 24 204 0.11	0.9 0.9 C A*D COALFIELD TYPE					3
KBI Z 040523.70	P 1E					24
KWE Z 040526.92	P 2E 33.07	S 2E				44
CWF Z 040527.42	P 3E 33.21	S 2E				45
HPK Z 040535.29	P 3E 46.70	S 2E				95
HPK NS0405			9.0H0.13ML	0.25	200	95
HPK EW0405			10.0H0.19ML	0.25	200	95
-1						
220591KEYWORTH			5.0WRIGHT LSTANLEY,NOTTS			1
175338.38	446.23/ 362.45	1.0 1.2	53.157	-1.309		2
14 18 233 0.55	3.7 3.4 D D*D COALFIELD TYPE, 7KM WNW OF MANSFIELD					3
KBI Z 175341.99	P 2E 44.89	S 1				18
KWE Z 175345.41	P 2E 50.40	S 1				39
CWF Z 175346.04	P 3E 53.08	S 3				47
CWF NS1753			4.8H0.09ML	0.25	200	47
CWF EW1753			7.6H0.13ML	0.25	200	47
HLM Z 175400.44	P 3E 15.92	S 2				128
SBD Z 175401.40	P 3E 17.57	S 2				134
MCH Z 175406.92	P 2E 26.06	S 2				173
MCH NS1754			6.5H0.19ML	0.25	200	173
MCH EW1754			5.0H0.16ML	0.25	200	173
HTR Z 175407.62	P 2E 28.18	S 3				179
-1						
230591 LOWNET	LN 756 270	12.5	5.0DWR/DG LCLACKMANNAN,CENTRAL			1
03811.68	292.95/ 693.51	1.6 1.4	56.122	-3.722		2
20 19 80 0.10	0.2 0.4 B A*C COALFIELD TYPE					3
EBH Z 003815.49	P 0ID18.50	S 2EU	9.7H0.52M	1.0	200	19
EAU Z 003818.24	P 1ID23.07	S 2EU	7.6H0.80M	0.25	200	35
EAB Z 003818.90	P 2EU23.92	S 3E	8.1H0.70M	0.25	200	39
ELO Z 003818.96	P 2EU24.20	S 2EU				39
EDI Z 003819.07	P 1ID24.56	S 2E	6.1H0.70M	0.25	200	40
EDI NS0038	EU	E	10.4H0.65ML	0.25	200	40
EDI EW0038	ED	ED	7.7H0.70ML	0.25	200	40
EBL Z 003821.82	P 2E 29.33	S 3E				58
EDU Z 003823.02	P 3E 31.40	S 2E				65
PCO Z 003817.15	P 1IU22.00	S 3				28
PCA Z 003822.01	P 2E 29.48	S 2				58
PMS Z 003824.15	P 2E 33.29	S 3				71
ESK Z 003829.08	P 3E 39.98	S 3				95
ESK NS0038			7.6H0.18ML	0.25	200	95
ESK EW0038			5.1H0.20ML	0.25	200	95
ECK Z 003830.98	P 2E 44.21	S 3				111
XSO Z 003832.40	P 2E 47.60	S 3				116
-1						
230591 LOWNET	LN 756 362	12.5	5.0DWR LGLENEAGLES,TAYSIDE			1
71733.58	293.40/ 707.46	6.0 0.3	56.248	-3.720		2
8 13 123 0.07	0.4 0.6 B A*C					3
EBH Z 071736.46	P 0IU38.30	S 1IU				13
ELO Z 071738.30	P 3E 41.70	S 3E				25
EAB Z 071740.61	P 2EU45.60	S 3E				39
EDI Z 071742.00	P 4E 48.36	S 3E	2.6H0.09M	0.25	200	49
EDI NS0717	E	E	3.1H0.10ML	0.25	200	49
EDI EW0717	E	E	2.4H0.09ML	0.25	200	49
EDU Z 071744.05	P 3E 50.02	S 3E				55
-1						
250591KEYWORTH			5.0WRIGHT LTIBSHELF,NOTTS			1
538 2.74	445.03/ 360.49	0.2 1.3	53.139	-1.327		2
22 19 212 0.41	1.5 1.6 D C*D COALFIELD TYPE, 7KM WEST OF MANSFIELD					3
KBI Z 053806.39	P 2E 09.90	S 1				19
KWE Z 053809.95	P 2E 15.00	S 2				37
CWF Z 053810.53	P 3E 17.65	S 3				45
CWF NS0538			3.8H0.12ML	0.25	200	45
CWF EW0538			7.6H0.19ML	0.25	200	45
HLM Z 053824.62	P 3E 39.70	S 3				126
SBD Z 053825.71	P 3E 40.12	S 2				132
MCH Z 053831.11	P 3E 50.29	S 3				170
MCH NS0538			6.0H0.13ML	0.25	200	170
MCH EW0538			4.9H0.19ML	0.25	200	170
LLO Z 053822.19	P 3E 36.60	S 3E				114
LBO Z 053823.40	P 3E 39.28	S 3E				125
LKL Z 053826.20	P 3E 43.30	S 3E				144
LCK Z 053830.10	P 3E 50.20	S 3E				170
LMI Z 053831.30	P 3E 52.80	S 3E	1.8H0.25M	0.25	200	178
LMI NS0538	E	E	1.8H0.48ML	0.25	200	178
LMI EW0538	E	E	1.5H0.28ML	0.25	200	178
-1						
280591 LOWNET	LN 756 1968	12.5	5.0DWR LSANQUHAR,D & G			1
339 4.01	288.35/ 605.21	2.7 0.7	55.328	-3.760		2
20 35 144 0.41	1.7 3.7 C C*C					3
EAU Z 033915.50	P 3E 22.28	S 3E				61
EBL Z 033916.80	P 3E 24.10	S 2E				67
EDI Z 033918.00	P 3E 26.96	S 2E	2.9H0.11M	0.25	200	76

EDI NS0339		E		E	3.0H0.10ML		0.25	200	76
EDI EW0339		E		E	4.0H0.10ML		0.25	200	76
ESY Z 033921.02		P 3E	32.40	S 3E					98
EAB Z 033921.50		P 3E	33.30	S 3E					102
EBH Z 033922.20		P 3E	34.60	S 3E					104
PCA Z 033913.29		P 2E	19.60	S 1					52
PMS Z 033919.40		P 3E	28.49	S 3					85
ESK Z 033910.47		P 1IU	14.70	S 2					35
ESK NS0339					13.5H0.09ML		0.25	200	35
ESK EW0339					13.0H0.09ML		0.25	200	35
ECK Z 033911.98		P 1IU	17.21	S 2					43
XSO Z 033920.76		P 1IU	31.52	S 3					97
XDE Z 033921.38		P 2E	31.54	S 3					93
-1									
280591					5.0	LSTANTON HILL,NOTTS			1
12 21 234 0.30	1.7	2.5 C B*D	360.80	3.9 1.2		2+ 53.142	-1.284		2
KBI Z 175005.29		P 1E	08.42	S 2		SHIREBROOK			3
KWE Z 175009.01		P 1ID	14.08	S 2					21
CWF Z 175009.99		P 2E	15.28	S 2					40
CWF NS1750					6.1H0.12ML		0.25	200	45
CWF EW1750					10.0H0.20ML		0.25	200	45
SBD Z 175024.40		P 2E	39.50	S 3					135
HAE Z 175026.00		P 2E							150
MCH Z 175029.90		P 3E	49.50	S 3					172
MCH NS1750					6.2H0.19ML		0.25	200	172
MCH EW1750					5.5H0.16 ML	H	B*0.25	200	172
HCG Z 175031.54		P 2E							185
-1									
290591 LANCS	LA 098	261		12.5	5.0DWR	LBOWES MOOR,CO DURHAM			1
8 37 310 0.32	3.9	3.1 D C*D	506.46	1.0 0.9		54.453	-2.141		2
LKL Z 032033.82		P 3E	38.90	S 3E					3
LCK Z 032035.80		P 3E	42.24	S 3E					37
LBO Z 032037.01		P 3E	44.95	S 3E					49
LMI Z 032040.28		P 3E	50.02	S 3E					60
LMI NS0320		E			1.5H0.31ML		0.25	200	80
LMI EW0320		E			1.7H0.32ML		0.25	200	80
-1									
300591 PAISLEY	PA 367			12.5	5.0DG	LQUINLOCH MUIR,CENTRAL			1
4 20 223 0.02	0.0	0.0 C A*D	681.17	2.9-0.1		56.000	-4.412		2
PCO Z 035706.19		P 1IU	08.92	S 3					3
PMS Z 035707.39		P 2E	11.08	S 3					20
-1									27
310591KEYWORTH					5.0WRIGHT	LWARSOP PARK FARM,NOTTS			1
8 23 196 0.23	1.6	1.8 C B*D	367.06	2.5 1.1		53.198	-1.196		2
KBI Z 052918.73		P 2E	21.57	S 2					3
KWE Z 052922.22		P 2E	28.81	S 2					23
KSY Z 052922.88		P 2E	28.90	S 2					48
CWF Z 052923.21		P 3E	30.42	S 3					48
CWF NS0529					3.6H0.11ML		0.25	200	52
CWF EW0529					5.1H0.10ML		0.25	200	52
LLO Z 052934.41		P 3E	48.92	S 3E					116
LBO Z 052935.70		P 3E	51.80	S 3E					126
LKL Z 052938.58		P 3E	56.12	S 3E					144
LCK Z 052942.08		P 3E	62.42	S 3E					170
LMI Z 052943.30		P 3E	64.60	S 3E					180
LMI NS0529		E			1.5H0.40M		0.25	200	180
LMI EW0529		E			1.7H0.30ML		0.25	200	180
-1									180
010691 LOWNET	LN 757	1206		12.5	5.0DWR	LCRIANLARICH,CENTRAL			1
6 35 296 0.26	7.4	13.2 D D*D	734.13	3.0 0.9		56.472	-4.587		2
EAB Z 202611.79		P 2E	16.50	S 3E	3.0H0.16M		0.25	200	35
ELO Z 202614.58		P 3E	21.67	S 3E	2.5H0.16M		0.25	200	54
EBH Z 202618.29		P 2E	26.90	S 3E	3.5H0.09M		0.25	200	71
EDI Z 202623.80		P 4E	37.10	S 3E	1.0H0.16M		0.25	200	106
EDI NS2026		E			2.2H0.13ML		0.25	200	106
EDI EW2026		E			1.9H0.16ML		0.25	200	106
-1									
010691 LOWNET	LN 757	1207		12.5	5.0DWR	LCRIANLARICH,CENTRAL			1
6 33 290 0.31	1.6	3.1 D C*D	732.85	3.7 0.9		56.462	-4.527		2
EAB Z 202641.08		P 2EU	45.45	S 2E	4.5H0.09M		0.25	200	33
ELO Z 202643.68		P 3E	50.13	S 3E	3.0H0.10M		0.25	200	50
EBH Z 202647.32		P 2E	56.20	S 3E	3.7H0.09M		0.25	200	67
EDI Z 202653.20		P 3E	66.35	S 3E	1.1H0.20M		0.25	200	103
EDI NS2026		E			3.0H0.10ML		0.25	200	103
EDI EW2026		E			2.5H0.14ML		0.25	200	103
-1									
010691 LOWNET	LN 757	1232		12.5	5.0DWR	LCRIANLARICH,CENTRAL			1
7 33 288 0.21	5.2	3.7 D D*D	732.30	1.7 1.0		56.457	-4.552		2
EAB Z 221811.93		P 2EU	16.46	S 3E	5.0H0.10M		0.25	200	33
ELO Z 221814.98		P 3E	21.68	S 3E	4.1H0.10M		0.25	200	52
EBH Z 221818.22		P 2E	27.09	S 3E	5.5H0.09M		0.25	200	69
EDU Z 221822.12		P 3E	34.92	S 3E					95
EDI Z 221824.58		P 3E	37.48	S 3E	1.6H0.20M		0.25	200	104
EDI NS2218		E			2.9H0.10ML		0.25	200	104
EDI EW2218		E			2.6H0.19ML		0.25	200	104
-1									
040691KEYWORTH	KW164				5.0WRIGHT	LLITTLEWOOD,NOTTS			1
12 23 190 0.16	0.7	0.9 C B*D	365.29	1.0 1.3		53.182	-1.204		2
KBI Z 002754.80		P 2E	58.52	S 2					3
KWE Z 002759.18		P 1ID	65.72	S 1					23
KSY Z 002759.55		P 2E	65.82	S 2					47
CWF Z 002759.71		P 2E	66.31	S 2					48
CWF NS0027					6.3H0.12ML		0.25	200	50
CWF EW0027					11.5H0.11ML		0.25	200	50
SBD Z 002814.75		P 3E	31.00	S 3					50

MCH Z 002819.92	P 3E 39.78	S 3					179
MCH NS0028				6.7H0.17ML	0.25 200		179
MCH EW0028				5.5H0.13ML	0.25 200		179
HTR Z 002820.69	P 3E						
-1							
040691 PAISLEY	PA 367	12.5	5.0DG	LCLACKMANNAN,CENTRAL			1
3 914.29	293.21/ 693.97	1.0 0.6		56.127	-3.718		2
12 19 81 0.07	0.2 0.4 B A*C COALFIELD TYPE						3
PCO Z 030919.80	P 3E 24.83	S 3					28
PCA Z 030924.80	P 3E						58
PMS Z 030927.25	P 3E						71
EBH Z 030918.20	P 1ID21.06	S 2E	10.2H0.50M		0.25 200		19
EAU Z 030921.00	P 2ED26.00	S 2ED					36
ELO Z 030921.61	P 2E 26.81	S 3E					38
EDI Z 030921.82	P 2ED27.40	S 3E	2.7H0.22M		0.25 200		40
EDI NS0309	EU	E	2.1H0.19ML		0.25 200		40
EDI EW0309	E	E	3.2H0.35ML		0.25 200		40
EAB Z 030921.89	P 3E 26.90	S 3E					39
-1							
040691 PA/LN	PA 367	12.5	5.0DG/DWR	LCLACKMANNAN,CENTRAL			1
3 936.71	293.17/ 693.61	1.8 1.2		56.123	-3.719		2
13 19 81 0.10	0.3 0.5 B A*C COALFIELD TYPE						3
PCO Z 030942.15	P 1EU47.01	S 3					28
PCA Z 030947.00	P 2E 54.46	S 3					58
PMS Z 030949.49	P 2E 59.00	S 3					71
EBH Z 030940.48	P 2ED43.48	S 3EU	6.8H0.55M		1.0 200		19
EAU Z 030943.29	P 3E 48.24	S 3ED					35
ELO Z 030943.80	P 3E 49.20	S 3E					39
EDI Z 030944.05	P 2ED49.30	S 2E	8.5H0.30M		0.25 200		40
EDI NS0309	EU	ED	5.8H0.85ML		0.25 200		40
EDI EW0309	ED	E	4.5H0.85ML		0.25 200		40
EAB Z 030943.91	P 2EU49.13	S 3E					39
EDU Z 030948.05	P 3E						64
-1							
050691KEYWORTH	KW156		5.0WRIGHT	LCLOWNE,DERBYSHIRE			1
15337.35	447.87/ 374.82	1.4 1.0		53.268	-1.282		2
6 16 277 0.09	2.3 1.7 C B*D COALFIELD TYPE						3
KBI Z 015340.82	P 2E 43.28	S 2					16
KWE Z 015346.10	P 2E 52.18	S 2					47
CWF Z 015347.70	P 3E 55.62	S 1					59
CWF NS0153			3.6H0.18ML		0.25 200		59
CWF EW0153			4.5H0.21ML		0.25 200		59
-1							
060691KEYWORTH			5.0WRIGHT	LTEVERSAL,NOTTS			1
01540.18	448.80/ 362.56	0.2 0.9		53.158	-1.270		2
11 20 241 0.37	3.3 2.7 D C*D COALFIELD TYPE, 5KM WEST OF MANSFIELD						3
KBI Z 001543.81	P 3E 47.80	S 2					20
KWE Z 001547.68	P 3E 53.28	S 3					41
CWF Z 001548.85	P 3E 55.30	S 3					47
CWF NS0015			3.7H0.09ML		0.25 200		47
CWF EW0015			5.1H0.12ML		0.25 200		47
SBD Z 001602.91	P 2E 20.08	S 3					136
HAE Z 001605.65	P 3E						152
MCH Z 001608.87	P 3E 29.12	S 3					174
MCH NS0016			3.9H0.12ML		0.25 200		174
MCH EW0016			3.4H0.10ML		0.25 200		174
-1							
060691KEYWORTH			5.0WRIGHT	LSTRETTON,DERBYSHIRE			1
62955.90	438.67/ 360.10	0.4 1.3		53.136	-1.422		2
9 15 248 0.14	2.8 1.9 D C*D COALFIELD TYPE						3
KBI Z 062959.20	P 2E 61.80	S 2					15
KWE Z 063002.31	P 2E 06.29	S 2					31
SBD Z 063016.99	P 3E 32.41	S 3					126
HTR Z 063023.50	P 3E 44.31	S 3					172
MCH Z 063023.71	P 4E 42.88	S 2					166
MCH NS0630			3.6H0.17ML		0.25 200		166
MCH EW0630			3.0H0.10ML		0.25 200		166
-1							
060691SHET+			12.5	5.0BS/DG	RCENTRAL NORTH SEA		1
214550.47	583.57 922.56	8.2 2.5		58.154	1.120		2
22211 243 0.17	1.9 1.8 C B*D						3
MME Z 214627.50	P 2E						261
ESK Z 214646.09	P 3E 86.31	S 3					412
ESK NS2146			7.6H0.09ML		0.25 200		412
ESK EW2146			8.5H0.08ML		0.25 200		412
ECK Z 214647.51	P 3E 87.70	S 3					421
LRW Z 214627.03	P 2ED52.90	S 3E					257
LRW NS2146			11.0H0.09ML		0.25 200		257
LRW EW2146			12.0H0.17ML		0.25 200		257
SAN Z 214625.82	P 1EU51.20	S 3E					248
WAL Z 214630.30	P 2E						282
YEL Z 214631.80	P 2E 61.30	S 3E					295
MLA Z 214628.20	P 2E 54.10	S 3E					264
ESY Z 214637.00	P 3E 69.90	S 3E					337
MFI Z 214621.60	P 2E						211
EDI Z 214640.20	P 4E 75.90	S 3E	4.0H0.16M		0.25 200		361
EDI NS2146	E	E	9.0H0.12ML		0.25 200		361
EDI EW2146	E	E	6.4H0.23ML		0.25 200		361
EAU Z 214642.10	P 3E						379
EAB Z 214645.10	P 3E 83.80	S 4E					396
MCD Z 214628.10	P 3E 55.40	S 3E					267
MCD NS2146			05.0H0.08ML		01.0 200		267
MCD EW2146			03.0H0.08ML		01.0 200		267
-1							
060691KEYWORTH			5.0WRIGHT	LDOVEDALE,NOTTS			1
232454.21	446.80/ 363.22	0.5 1.2		53.164	-1.300		2
13 18 270 0.43	4.5 3.5 D C*D COALFIELD TYPE, 5KM NW OF MANSFIELD						3
KBI Z 232457.60	P 3E 61.18	S 2					18
KWE Z 232501.62	P 2E 06.68	S 2					40
CWF Z 232501.78	P 4E 10.35	S 4					47
CWF NS2325			4.0H0.18ML		0.25 200		47
CWF EW2325			7.3H0.19ML		0.25 200		47
HLM Z 232516.50	P 3E 32.00	S 3					

SBD Z 232517.00	P 2E 33.50	S 2						
HAE Z 232519.98	P 2E							
MCH Z 232523.12	P 2E 42.39	S 3						
MCH NS2325					5.0H0.12ML	0.25	200	173
MCH EW2325					4.1H0.20ML	0.25	200	173
HTR Z 232523.80	P 2E 44.82	S 3						
HGH Z 232526.80	P 3E							
-1								
070691KEYWORTH					5.0WRIGHT LLEICESTER,LEICS			1
02913.04	453.33/ 302.53	17.9	1.1		52.618	-1.212		2
15 15 145 0.17	0.7 0.6 C B*C	LEICESTER FOREST AREA						3
CWF Z 002917.10	P 1ID19.98	S 1ID						
CWF NS0029					7.3H0.08ML	2.5	200	15
CWF EW0029					13.5H0.08ML	2.5	200	15
KUF Z 002922.80	P 1IU29.61	S 1IU						56
KSY Z 002923.19	P 1IU30.00	S 2E						57
KBI Z 002925.32	P 2E							74
KWE Z 002923.11	P 3E							61
HAE Z 002930.97	P 3E 43.10	S 3E						112
HLM Z 002931.01	P 2E 43.82	S 2E						114
MCH Z 002934.92	P 2E 50.70	S 2E						140
MCH NS0029					9.0H0.08ML	0.25	200	140
MCH EW0029					8.0H0.11ML	0.25	200	140
HTR Z 002936.29	P 3E 53.62	S 4E						153
HGH Z 002937.30	P 4E 53.69	S 4E						154
-1								
070691MORAY					5.0BS LSKYE,HIGHLAND			1
17 133.59	144.86/ 842.26	12.5	0.8	1.9	57.399	-6.248		2
14113 273 0.38	3.9 2.4 D C*D							3
PMS Z 170203.15	P 2E 24.02	S 4			15.0H0.22ML	0.25	200	196
PCA Z 170207.21	P 4E							226
EAB Z 170201.31	P 3E 21.98	S 3E			8.6H0.11ML	0.25	200	178
ELO Z 170202.20	P 3E 22.56	S 3E			5.2H0.21ML	0.25	200	186
EBH Z 170205.42	P 3E 29.13	S 3E						211
EDU Z 170206.45	P 3E 31.80	S 4E						218
MCD Z 170202.12	P 2E 21.80	S 3E						181
MCD NS1702					06.5H0.13ML	0.25	200	181
MCD EW1702					08.7H0.14ML	0.25	200	181
MDO Z 170151.40	P 1E							113
MME Z 170203.30	P 2E							198
MVH Z 170155.51	P 1E 71.80	S 3E						136
-1								
070691KEYWORTH					5.0WRIGHT LPLEASLYHILL,NOTTS			1
195657.11	450.88/ 363.49	10.0	0.6		53.166	-1.239		2
8 22 180 0.25	2.4 12.1 C C*C	COALFIELD TYPE, 4KM NW OF MANSFIELD						3
KBI Z 195701.50	P 2E 04.48	S 1						22
KWE Z 195705.00	P 1ID09.91	S 1						44
KSY Z 195705.40	P 3E 11.61	S 2						49
CWF Z 195705.42	P 3E 12.00	S 3						48
CWF NS1957					5.1H0.11ML	0.25	200	48
CWF EW1957					6.0H0.09ML	0.25	200	48
-1								
070691KEYWORTH					5.0WRIGHT LMARLPITS FARM,NOTTS			1
231815.80	445.59/ 360.67	2.6	0.4		53.141	-1.318		2
6 19 227 0.13	1.5221.1 D C*D	COALFIELD TYPE, 7KM WEST OF MANSFIELD						3
KBI Z 231819.32	P 1ID22.20	S 1ID						19
KWE Z 231822.70	P 2E 27.68	S 3E						38
CWF Z 231824.09	P 3E 29.60	S 3E						45
CWF NS2318					3.0H0.09ML	0.25	200	45
CWF EW2318					3.5H0.12ML	0.25	200	45
-1								
100691 LANCS	LA 099				5.0DWR LSTAKE PASS,CUMBRIA			1
72812.16	327.05/ 510.57	12.5	6.1	0.6	54.485	-3.126		2
15 22 128 0.25	0.9 1.3 C B*C							3
LCK Z 072816.47	P 1ID18.80	S 2E						22
LMI Z 072818.17	P 1IU22.22	S 2E						32
LMI NS0728	EU	E			8.6H0.11ML	0.25	200	32
LMI EW0728	EU	E			7.5H0.16ML	0.25	200	32
LKL Z 072820.81	P 1IU26.59	S 2EU						49
LLO Z 072825.61	P 3E							80
XDE Z 072816.72	P 2EU19.30	S 3E						24
ECK Z 072825.48	P 2EU34.03	S 3E						78
ESK Z 072827.75	P 3E 38.20	S 3E						93
ESK NS0728	E	E			2.5H0.09ML	0.25	200	93
ESK EW0728	E	E			2.6H0.10ML	0.25	200	93
GCD Z 072823.71	P 3E 31.50	S 3E						67
GAL Z 072829.30	P 4E 43.22	S 3E						111
-1								
120691ESK	ES 531				5.0DG LSEAHAM,CO DURHAM			1
44618.90	448.51/ 544.79	12.5	0.4	1.5	54.796	-1.245		2
6 63 316 0.07	8.0 5.5 D D*D	COALFIELD TYPE						3
XSO Z 044636.10	P 1E 48.70	S 3						101
ECK Z 044640.15	P 2E							128
XAL Z 044630.31	P 2E							63
ESK Z 044641.89	P 2E 58.53	S 3						138
ESK NS0446					4.5H0.18ML	0.25	200	138
ESK EW0446					4.6H0.20ML	0.25	200	138
-1								
120691KEYWORTH					5.0WRIGHT LMANSFIELD,NOTTS			1
83541.25	453.35/ 363.37	0.5	1.0		53.165	-1.202		2
8 24 184 0.16	0.6 0.7 C B*D	COALFIELD TYPE, WOODHOUSE AREA						3
KBI Z 083545.88	P 2E 49.80	S 1						24
KWE Z 083549.71	P 2E 56.32	S 1						46
CWF Z 083549.98	P 3E 56.70	S 3						48
CWF NS0835					11.5H0.10ML	0.25	200	48
CWF EW0835					12.5H0.10ML	0.25	200	48
KSY Z 083550.12	P 3E 56.51	S 2						47
-1								
120691KEYWORTH					5.0WRIGHT LNEWTON,NOTTS			1
173935.60	444.02/ 359.42	12.5	0.3	0.8	53.130	-1.342		2
5 19 219 0.16	2.1 2.9 C B*D	COALFIELD TYPE, 5KM WEST OF SUTTON-IN-ASHFIELD						3
KBI Z 173939.67	P 1ID							19
KWE Z 173942.51	P 1ID47.54	S 3						36

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Table 5 (cont'd)

CWF Z 173943.55	P 3E 50.20	S 3					44
CWF NS1739			6.0H0.12ML		0.25 200		44
CWF EW1739			8.0H0.15ML		0.25 200		44
-1							
130691KEYWORTH			12.5	5.0WRIGHT	LMANSFIELD,NOTTS		1
44040.80	452.25/ 357.64	2.7 0.5			53.113 -1.219		2
7 26 241 0.34	3.0	5.6 D C*D	COALFIELD TYPE, COXMOOR		HOUSE AREA		3
KBI Z 044045.81	P 2E 48.65	S 2					26
KWE Z 044049.20	P 2E 53.91	S 2					43
CWF Z 044048.37	P 3E 56.10	S 4					42
CWF NS0440			4.3H0.09ML		0.25 200		42
CWF EW0440			5.0H0.13ML		0.25 200		42
SBD Z 044103.75	P 3E 20.48	S 3					139
-1							
130691 PA/LN	PA 369		12.5	5.0DG/DWR	L LACKMANNAN,CENTRAL		1
202355.75	293.18/ 693.53	0.9 1.3			56.123 -3.718		2
14 19 81 0.13	0.4	0.6 B A*C	COALFIELD TYPE				3
PCO Z 202401.29	P 1E 06.18	S 2					28
PCA Z 202406.02	P 2E 13.91	S 3					58
PMS Z 202408.81	P 2E 16.61	S 2					71
EBH Z 202359.70	P 1ID62.87	S 2ED			0.25 200		19
EAU Z 202402.45	P 2ED07.08	S 3E					35
ELO Z 202403.10	P 3E 08.39	S 2EU					39
EAB Z 202403.25	P 2ED08.45	S 3E					39
EDI Z 202403.25	P 2ED08.86	S 2EU	6.5H0.70M		0.25 200		40
EDI NS2024	E		EU 6.2H0.70ML		0.25 200		40
EDI EW2024	ED		EU 5.9H0.70ML		0.25 200		40
EDU Z 202407.48	P 3E 15.70	S 3E					64
-1							
140691KEYWORTH			12.5	5.0WRIGHT	LMANSFIELD,NOTTS		1
03437.16	451.73/ 362.73	2.7 1.4			53.159 -1.226		2
13 23 179 0.25	1.0	2.3 C B*C	COALFIELD TYPE, NEW		ENGLAND AREA		3
KBI Z 003441.20	P 3E 44.72	S 1					23
KWE Z 003445.21	P 1ID50.30	S 2					44
CWF Z 003445.60	P 3E 52.10	S 3					47
CWF NS0034			9.5H0.10ML		0.25 200		47
CWF EW0034			8.1H0.19ML		0.25 200		47
KSY Z 003445.68	P 3E 51.98	S 1					48
SBD Z 003500.59	P 2E 15.92	S 3					139
HAE Z 003503.30	P 3E 19.32	S 3					154
MCH Z 003505.80	P 3E 25.55	S 3					176
MCH NS0035			7.5H0.20ML		0.25 200		176
MCH EW0035			7.5H0.13ML		0.25 200		176
-1							
160691N WALES				5.0RITCHIEL	NEWTOWN,POWYS		1
55415.88	304.02/ 282.68	13.1 2.8			3+ 52.433 -3.412		2
29 37 64 0.29	0.7	1.1 C B*C	FELT NEWTOWN AREA				3
WCB Z 055436.42	P 1ID51.90	S 3					130
WCB NS0554			3.6 H0.09ML		10.0 200		130
WCB EW0554			5.0 H0.10ML		10.0 200		130
HSA Z 055430.67	P 2IU						92
YRH Z 055431.22	P 2E						94
WFM Z 055432.00	P 1ID43.20	S 3					98
WVR Z 055423.82	P 1ID						43
WBR Z 055425.81	P 1ID32.65	S 2					57
WST Z 055427.92	P 1ID36.52	S 2					72
MCH Z 055425.32	P 1ID32.20	S 1					56
SBD Z 055425.35	P 1ID31.94	S 2					54
HGH Z 055431.86	P 1ID						98
HAE Z 055428.19	P 1ID						74
HTR Z 055423.02	P 1ID28.08	S 3					41
HLM Z 055422.72	P 1IU27.43	S 3					37
HP03Z 055437.48	P 1ID						133
HP02Z 055439.08	P 1ID						142
HP01Z 055433.85	P 1IU						109
WFB Z 055424.90	P 1ID						51
WLC Z 055427.41	P 1ID35.26	S 2					67
HPE Z 055432.95	P 2IU46.80	S 1					108
-1							
160691GA/PA/ES	GL084			5.0BS/DWR	ARDENTINNY,STRATHCLYDE1		1
83711.37	221.01/ 690.66	4.0 2.0			3+ 56.075 -4.876		2
13 27 210 0.15	1.2	1.3 C B*D	FELT CLYNDER (3 MSK)				3
GAL Z 083734.00	P 2E 48.90	S 3E	3.2H0.09M		1.0 200		135
GCL Z 083733.30	P 2E 49.41	S 3E					137
GMK Z 083726.70	P 1EU						93
PMS Z 083716.51	P 0ID19.79	S 3					27
PCO Z 083720.15	P 0ID26.55	S 3					50
PCA Z 083721.30	P 1E						57
ESK Z 083733.50	P 2E 49.71	S 2					135
ESK NS0837			4.5H0.09ML		1.0 200		135
ESK EW0837			4.4H0.10ML		1.0 200		135
ECK Z 083735.90	P 2E 53.55	S 2					149
XSO Z 083740.47	P 2E 60.10	S 3					177
XDE Z 083744.11	P 3E						196
EAB Z 083717.80	P 0IU19.51	S 3E					36
ELO Z 083725.19	P 1IU36.33	S 2E					85
EBH Z 083726.05	P 2ED36.35	S 2E					87
EAU Z 083726.98	P 2ED38.51	S 3E					92
EDI Z 083729.37	P 2EU41.90	S 2E	4.6H0.19M		1.0 200		107
EDI NS0837	E		EU 7.5H0.22ML		1.0 200		107
EBL Z 083730.85	P 3E 45.09	S 3E					120
EDU Z 083731.95	P 3E 46.83	S 3E					127
EDI EW0837	E		EU 7.0H0.26ML		1.0 200		107
-1							
170691KEYWORTH				5.0WRIGHT	LMANSFIELD,NOTTS		1
22842.64	450.36/ 362.35	3.9 0.7			53.156 -1.247		2
8 22 175 0.30	2.2	6.2 C C*C	COALFIELD TYPE, MOORHAIG		FARM AREA		3
KBI Z 022846.72	P 3E 50.09	S 2					22
KWE Z 022850.41	P 2E 55.61	S 1					43
KSY Z 022851.02	P 3E 57.39	S 2					49
CWF Z 022851.22	P 2E 57.50	S 2					47
CWF NS0228			5.7H0.09ML		0.25 200		47
CWF EW0228			7.2H0.12ML		0.25 200		47

-1										
170691	KEYWORTH					5.0	WRIGHT	LSHIREBROOK,NOTTS	1	
	2142 9.26	454.14/ 368.71	0.5	1.2				53.212 -1.189	2	
11 23	203 0.36	2.0	2.1	D C*D	COALFIELD TYPE				3	
KBI	Z 214213.99			P 3E	17.62				23	
KWE	Z 214218.00			P 2E	24.50				49	
KSY	Z 214218.51			P 2E	24.79				49	
CWF	Z 214218.92			P 3E	26.82				53	
CWF	NS2142					5.1	H0.10ML	0.25 200	53	
CWF	EW2142					5.5	H0.16ML	0.25 200	53	
SBD	Z 214233.70			P 3E	50.85				143	
MCH	Z 214239.10			P 4E	60.02				183	
MCH	NS2142					4.0	H0.18ML	0.25 200	183	
MCH	EW2142					3.4	H0.19ML	0.25 200	183	
-1										
180691	KEYWORTH					5.0	WRIGHT	LSHIREBROOK,NOTTS	1	
	235710.88	453.65/ 366.54	0.5	0.6				53.193 -1.197	2	
6 23	195 0.10	1.1	0.9	C B*D	COALFIELD TYPE				3	
KBI	Z 235715.91			P 3E	19.10				23	
KWE	Z 235719.62			P 2E	26.33				47	
KSY	Z 235719.79			P 3E	26.49				48	
CWF	Z 235720.91			P 4E	28.08				51	
CWF	NS2357					4.1	H0.09ML	0.25 200	51	
CWF	EW2357					5.1	H0.11ML	0.25 200	51	
-1										
190691						5.0	G FORD	LCAERPHILLY,M GLAMORGAN1	1	
	22 7 9.69	318.07/ 184.36	10.5	1.2				51.552 -3.182	2	
11 28	130 0.09	0.6	1.7	B A*C					3	
DYA	Z 220731.10			P 2E	46.55				135	
DYA	NS2207					5.0	H0.10ML	0.25 200	135	
DYA	EW2207					5.0	H0.08ML	0.25 200	135	
DCO	Z 220732.71			P 2EU	49.62				145	
HTL	Z 220727.59			P 3E	39.77				110	
HPE	Z 2207				42.84				118	
HSA	Z 2207				30.11				71	
HGH	Z 220714.88			P OIU					28	
MCH	Z 2207				24.94				51	
MCH	NS2207					5.0	H0.06ML	1.0 200	51	
MCH	EW2207					5.8	H0.08ML	1.0 200	51	
HTR	Z 220719.62			P 2E					59	
HAE	Z 220721.22			P 2E					70	
-1										
200691	KEYWORTH	KW167				5.0	WRIGHT	LSHIREBROOK,NOTTS	1	
	1 851.32	453.65/ 367.71	0.4	1.3				53.203 -1.197	2	
13 23	199 0.21	0.8	0.9	C B*D	COALFIELD TYPE				3	
KBI	Z 010855.89			P 3E	59.60				23	
KWE	Z 010900.10			P 2E	06.80				48	
KSY	Z 010900.49			P 3E					49	
CWF	Z 010900.72			P 3E	08.37				52	
CWF	NS0109					4.8	H0.18ML	0.25 200	52	
CWF	EW0109					6.1	H0.17ML	0.25 200	52	
SBD	Z 010915.32			P 3E	32.19				142	
MCH	Z 010920.59			P 3E	42.21				181	
MCH	NS0109					4.7	H0.21ML	0.25 200	181	
MCH	EW0109					4.5	H0.12ML	0.25 200	181	
HTR	Z 010920.99			P 3E	42.80				188	
-1										
200691	KEYWORTH					5.0		MORTON,DERBYSHIRE	1	
	152210.57	441.89/ 361.11	0.6	0.7				2+ 53.145 -1.374	2	
6 16	214 0.14	1.8	1.9	C B*D	COALFIELD TYPE, FELT CLAY CROSS AREA				3	
KBI	Z 152214.19			P 2E	16.60				16	
KWE	Z 152217.00			P 3E	22.10				34	
CWF	Z 152218.88			P 3E	25.85				46	
CWF	NS1522					3.5	H0.20ML	0.25 200	46	
CWF	EW1522					4.5	H0.12ML	0.25 200	46	
-1										
210691	KEYWORTH	KW168				5.0	WRIGHT	LSHIREBROOK,NOTTS	1	
	24636.47	453.17/ 369.01	12.5	0.2	0.8			53.215 -1.204	2	
6 22	266 0.49	5.9	4.9	D D*D	COALFIELD TYPE				3	
KBI	Z 024641.21			P 3E	44.75				22	
KWE	Z 024645.31			P 2E	51.85				48	
CWF	Z 024645.70			P 3E	54.53				54	
CWF	NS0246					4.7	H0.10ML	0.25 200	54	
CWF	EW0246					5.5	H0.12ML	0.25 200	54	
KSY	Z 024645.85			P 4E	52.03				50	
									144	
									185	
-1										
210691	KEYWORTH	KW168				5.0	WRIGHT	LEDWINSTOWE,NOTTS	1	
	6 2 3.47	460.61/ 366.56	1.0	1.2				53.192 -1.093	2	
8 30	203 0.23	1.7	1.9	C B*D	COALFIELD TYPE				3	
KBI	Z 060208.99			P 3E	13.38				30	
KSY	Z 060211.52			P 2E	17.21				42	
CWF	Z 060213.08			P 3E	19.82				53	
CWF	NS0602					15.5	H0.12ML	0.25 200	53	
CWF	EW0602					14.5	H0.10ML	.25 200	53	
KWE	Z 060213.30			P 2E	21.00				54	
-1										
210691	KEYWORTH	KW168				5.0	WRIGHT	LSHIREBROOK,NOTTS	1	
	225658.09	453.89/ 368.89	12.5	2.5	1.2			53.214 -1.193	2	
12 23	203 0.36	1.9	2.2	D C*D	COALFIELD TYPE				3	
KBI	Z 225702.32			P 3E	05.67				23	
KWE	Z 225706.20			P 2E	12.81				49	
KSY	Z 225706.70			P 3E	13.19				49	
CWF	Z 225708.20			P 3E	14.60				54	
CWF	NS2257					5.6	H0.11ML	0.25 200	54	
CWF	EW2257					5.0	H0.19ML	0.25 200	54	
SBD	Z 225722.09			P 2E	38.48				143	
MCH	Z 225727.28			P 3E	48.47				183	
MCH	NS2257					4.5	H0.17ML	0.25 200	183	
MCH	EW2257					3.7	H0.14ML	0.25 200	183	
-1										
220691	PAISLEY+	PA 370				12.5		5.0	DG/DWR LCLACKMANNAN,CENTRAL	1

	3 623.56	293.02/ 693.60	0.8 1.1		56.123	-3.721	2
13 19	80 0.04	0.1 0.2 B A*C	COALFIELD TYPE				3
PCO Z	030629.13	P 2E 34.76	S 3				28
PCA Z	030634.08	P 2ED					58
PMS Z	030636.30	P 3E 46.02	S 3				71
ESK Z	030640.08	P 2E 51.72	S 3				96
ESK NS0306				4.4H0.19ML	0.25 200		96
ESK EW0306				4.5H0.12ML	0.25 200		96
ECK Z	030642.91	P 2E 56.39	S 3				111
XSO Z	030644.10	P 2E 59.60	S 3				116
EBH Z	030627.58	P 1ID30.61	S 2EU		0.25 200		19
EAU Z	030630.33	P 1ID35.32	S 3E				35
ELO Z	030630.89	P 2E 36.26	S 2E				39
EAB Z	030631.00	P 2EU36.29	S 3E				39
EDI Z	030631.12	P 1ID36.62	S 2E	10.1H0.16M	0.25 200		40
EDI NS0306		IU	E	7.5H0.28ML	0.25 200		40
EDI EW0306		ED	E	5.7H0.60ML	0.25 200		40
EBL Z	030633.92	P 3E					58
EDU Z	030635.28	P 2E 43.40	S 3E				64
-1							
220691 PAISLEY	PA 370	12.5	5.0DG	CLACKMANNAN,CENTRAL			1
	317 3.46	294.00/ 693.73	0.2 1.1	56.125	-3.705		2
12 18	85 0.17	0.5 0.8 C B*C	COALFIELD TYPE				3
PCO Z	031709.19	P 2E 14.05	S 2				29
PMS Z	031716.90	P 3E					72
EBH Z	031707.36	P 1IU10.46	S 2ED		0.25 200		18
EAU Z	031710.24	P 3E 15.11	S 3E				35
EAB Z	031710.80	P 3E 16.33	S 3E				40
ELO Z	031710.90	P 3E 16.39	S 2ED				39
EDI Z	031710.90	P 3E 16.72	S 3E	3.5H0.7 M	0.25 200		39
EDI NS0317		E	E	4.1H0.7 ML	0.25 200		39
EDI EW0317		E	E	4.5H0.8 ML	0.25 200		39
EDU Z	031715.50	P 3E 23.60	S 3E				64
-1							
270691 ESK	ES 534	12.5	5.0DG	LHEBRON,NORTHUMBERLAND			1
	155928.41	421.40/ 593.70	1.9 0.9	55.237	-1.663		2
4 47	273 0.03	0.0 0.0 C A*D					3
XSO Z	155936.90	P 1E 43.05	S 3				47
ECK Z	155944.08	P 2E					93
ESK Z	155945.10	P 2E 57.00	S 4				98
ESK NS1559				3.4H0.09ML	0.25 200		98
ESK EW1559				3.6H0.10ML	0.25 200		98
XAL Z	155938.20	P 1IU					55
-1							
270691HEREFORD	HF633	12.5	5.0WRIGHT	LWESTHIDE,HER & WORC			1
	162553.81	358.44/ 244.60	14.7 2.2	52.098	-2.607		2
18 8	80 0.15	0.5 0.6 B B*A	8KM NORTHEAST OF HEREFORD				3
HAE Z	162556.81	P 1ID58.92	S 1				8
MCH Z	162559.35	P 1IU63.53	S 1				29
MCH NS1625				8.0H0.10ML	10.0 200		29
MCH EW1625				7.6H0.11ML	10.0 200		29
HTR Z	162601.80	P 1IU07.50	S 1				46
HLM Z	162602.41	P 1ID08.90	S 1				50
HGH Z	162602.90	P 1ID					53
SBD Z	162610.29	P 1ID22.15	S 1				100
KWE Z	162611.90	P 3E 25.33	S 3				115
CWF Z	162611.51	P 1ID24.71	S 2				114
CWF NS1626				5.9H0.09ML	2.5 200		114
CWF EW1626				8.7H0.08ML	2.5 200		114
KBI Z	162617.15	P 2E 34.62	S 2				148
KUF Z	162618.74	P 1IU36.85	S 1				162
XAL Z	162635.90	P 3E					309
ECK Z	162639.99	P 3E					345
ESK Z	162641.69	P 3E 77.18	S 3				361
XSO Z	162643.58	P 3E					379
ESK NS0309				2.1H0.27ML	0.25 200		361
ESK EW0309				2.0H0.29ML	0.25 200		361
-1							
300691 LOWNET	LN 761	12.5	5.0DWR	LLASSWADE,LOTHIAN			1
	204557.47	330.77/ 663.82	1.0 0.2	55.863	-3.106		2
6 8	195 0.04	1.3 1.1 C B*D	COALFIELD TYPE				3
EDI Z	204559.63	P 1IU61.11	S 2E	16.8H0.30M	0.25 200		8
EDI NS2045		EU	E	7.6H0.40ML	0.25 200		8
EDI EW2045		ED	EU	4.0H0.85ML	0.25 200		8
EBL Z	204559.98	P 2ED61.94	S 2E				11
EAU Z	204601.93	P 3E 05.16	S 2E				22
-1							
010791N WALES				5.0RITCHIELLLEYN GWYNEDD			1
	171627.11	239.28/ 344.32	22.8 1.1	52.972	-4.394		2
22 2	83 0.13	0.5 0.7 A A*A	LLEYN AFTERSHOCK				3
WCB Z	171635.70	P 1ID41.31	S 2				46
WCB NS1716				2.8 H0.05ML	1.0 200		46
WCB EW1716				5.1 H0.05ML	1.0 200		46
YRC Z	171633.71	P 2E 37.90	S 1				33
YRE Z	171630.70	P 1ID33.38	S 1				2
WPM Z	171635.26	P 1IU					46
WLF Z	171633.77	P 2E 38.50	S 3				35
WME Z	171635.51	P 1ID41.60	S 3				48
YLL Z	171632.36	P 1IU					24
WLC Z	171634.81	P 1IU40.06	S 1				41
WLC NS1716				10.5H0.12ML	1.0 200		41
WLC EW1716				10.5H0.09ML	1.0 200		41
YRH Z	171632.28	P 1ID35.80	S 1				22
WVR Z	171636.84	P 3E					57
WBR Z	171634.08	P 2E 38.35	S 1				36
WST Z	171632.86	P 1IU36.85	S 1				27
WFB Z	171634.40	P 3E					40
-1							
030791HEREFORD	HF634	12.5	5.0WRIGHT	LRODLEY,GLOUCESTERSHIRE			1
	04621.55	378.10/ 210.17	14.9 1.2	51.789	-2.318		2
4 32	273 0.04	0.0 0.0 C A*D	7KM SW OF GLOUCESTER				3
HAE Z	004627.51	P 2E					32
HGH Z	004628.42	P 1IU32.45	S 4				38

MCH Z 004629.90	P 3E 37.30	S 1					52
MCH NS0046				5.5H0.06ML	1.0	200	52
MCH EW0046				7.8H0.07ML	1.0	200	52
HTR Z 0046	42.50	S 2					73
-1							
040791 MN/KY			12.5	5.0PCM/BS	LTORRIDON,HIGHLAND		1
2027 4.14	194.28/ 847.62		0.8 0.8		57.472	-5.431	2
6 9 194 0.02	0.3						3
KAC Z 202706.27	P 1IU						9
KPL Z 202708.31	P 1ID11.31	S 2					20
KPL NS2027				6.4H0.33ML	0.25	200	20
KPL EW2027				18.0H0.22ML	0.25	200	20
KSB Z 202709.92	P 2E 14.04	S 3					29
MVH Z 202720.40	P 3E 30.90	S 3					90
MCD Z 202726.30	P 3E 42.10	S 3					131
MCD NS2027				4.1H0.11ML	0.25	200	131
MCD EW2027				4.5H0.07ML	0.25	200	131
-1							
050791 SHETLAND	SH651			5.0BS	RNORTHERN NORTH SEA		1
134150.42	344.54 1031.27		0.5 1.3		59.165	-2.970	2
6136 346 0.10	3.1						3
LRW Z 134214.50	P 3E 31.70	S 3E					148
LRW NS1342				04.0H0.13ML	0.25	200	148
LRW EW1342				04.1H0.13ML	0.25	200	148
SAN Z 134212.20	P 3E 28.50	S 3E					136
WAL Z 134213.60	P 3E 30.50	S 3E					144
-1							
080791 LANCS	LA 103 1616		12.5	5.0DWR/DG	LSEAHAM,CO DURHAM		1
12742.91	445.81/ 546.06		0.4 1.4		54.807	-1.287	2
20 60 252 0.30	2.1						3
LKL Z 012800.61	P 3E 13.20	S 3E		4.5H0.21M	0.25	200	104
LCK Z 012801.67	P 3E 16.36	S 3E					114
LBO Z 012803.70	P 3E 19.70	S 3E		3.0H0.22M	0.25	200	124
LLO Z 012805.20	P 3E 22.07	S 3E					135
XAL Z 012754.01	P 2E 61.70	S 2					60
XSO Z 012759.01	P 3E 72.18	S 2					98
ECK Z 012803.98	P 3E 18.98	S 3					125
ESK Z 012805.63	P 3E 21.67	S 3					135
ESK NS0128				4.6H0.20ML	0.25	200	135
ESK EW0128				3.0H0.20ML	0.25	200	135
ESY Z 012807.50	P 2E 26.24	S 3E					150
EBL Z 012808.25	P 3E 27.24	S 3E					155
EDI Z 012811.02	P 4E 33.14	S 3E					173
EDI NS0128	E	E		1.9H0.20ML	0.25	200	173
EDI EW0128	E	E		2.5H0.28ML	0.25	200	173
EAU Z 012812.64	P 3E 35.67	S 3E					180
EBH Z 012817.12	P 3E						213
-1							
100791 ESK	ES 536		12.5	5.0DG/DWR	LJOHNSTONEBRIDGE,D & G		1
121352.67	309.87/ 587.54		0.1 0.8		55.174	-3.415	2
14 18 244 0.17	1.4						3
ECK Z 121356.60	P 1IU59.55	S 3					18
ESK Z 121357.01	P 0IU60.30	S 2					21
ESK NS1213				4.7H0.08ML	1.0	200	21
ESK EW1213				4.1H0.13ML	1.0	200	21
XSO Z 121407.34	P 2E 17.45	S 3					82
XAL Z 121407.68	P 3E 18.21	S 3					84
EBL Z 121405.20	P 2E 14.85	S 3E					71
EAU Z 121405.61	P 2ED15.77	S 3E					75
EDI Z 121407.38	P 3E 19.99	S 3E					85
EDI NS1214	E	E		5.0H0.19ML	0.25	200	85
EDI EW1214	E	E		6.8H0.21ML	0.25	200	85
ESY Z 121409.62	P 2E 24.05	S 3E					97
EBH Z 121412.20	P 3E						120
-1							
120791 ESK	ES 537		12.5	5.0DG	LLOCHARBRIGGS,D & G		1
34818.87	299.62/ 581.94		4.6 0.6		55.122	-3.574	2
10 29 257 0.22	2.1						3
ECK Z 034824.50	P 3E 28.20	S 3					29
ESK Z 034824.54	P 2IU29.19	S 3					32
ESK NS0348				6.5H0.08ML	0.25	200	32
ESK EW0348				5.0H0.12ML	0.25	200	32
XAL Z 034834.10	P 3E						92
EBL Z 034831.60	P 3E 42.20	S 3E					80
EAU Z 034832.75	P 3E 44.50	S 3E					81
EDI Z 034834.65	P 3E 47.15	S 3E					93
EDI NS0348	E	E		1.7H0.18ML	0.25	200	93
EDI EW0348	E	E		2.5H0.16ML	0.25	200	93
ESY Z 034837.20	P 3E 50.90	S 3E					107
-1							
210791 LOWNET	LN 764 1402		12.5	5.0DWR	LINVERARAY,STRATHCLYDE		1
85719.31	212.08/ 705.63		1.0 0.9		56.206	-5.030	2
7 43 318 0.64	26.3						3
EAB Z 085727.32	P 2E 32.51	S 3E			0.25	200	43
ELO Z 085733.00	P 3E 45.85	S 3E					87
EBH Z 085736.06	P 2E 48.03	S 3E					95
EAU Z 085739.32	P 3E						106
EDU Z 085740.50	P 3E 55.30	S 3E					130
EDI Z 085740.00	P 4E 55.00	S 3E		1.2H0.19M	0.25	200	119
EDI NS0857	E	E		1.6H0.19ML	0.25	200	119
EDI EW0857	E	E		1.7H0.19ML	0.25	200	119
-1							
240791 ESK	ES 538		12.5	5.0DG	LINNERLEITHEN,BORDERS		1
14 037.33	328.15/ 632.87		3.6 0.6		55.584	-3.140	2
8 22 138 0.30	2.9						3
ESK Z 140043.29	P 1IU46.15	S 2					30
ESK NS1400				10.9H0.15ML	0.25	200	30
ESK EW1400				13.1H0.12ML	0.25	200	30
ECK Z 140045.72	P 2E 50.83	S 3					45
EBL Z 140041.62	P 1ID44.40	S 2ED					22
EAU Z 140043.70	P 3E						35
ESY Z 140045.45	P 1IU50.15	S 3E					50
-1							

290791	LANCS	LA 106	1568	12.5	5.0DWR	LBRADFIELD MOOR,S YORKS1			
		31140.61	425.66/ 388.84	8.6 0.9		53.395	-1.614	2	
15	23	126	0.38					3	
LLO	Z	031154.20		P 2E	62.12	S 4E		81	
LBO	Z	031155.88		P 2E	63.30	S 4E		91	
LKL	Z	031158.42		P 2E	66.18	S 4E		110	
LMI	Z	031203.60		P 3E	20.90	S 4E		145	
LMI	NS0312			E		E	1.2H0.11ML	0.25	200
LMI	EW0312			E		E	1.3H0.11ML	0.25	200
LHO	Z	031145.50		P 2ED				23	
HPK	Z	031151.06		P 2E	58.30	S 2E		62	
LRN	Z	031159.40		P 3E	72.00	S 3E		114	
LWH	Z	031201.00		P 4E	15.40	S 4E		121	
CWF	Z	031153.46		P 3E	62.28	S 3E		76	
KSY	Z	031154.82		P 3E	64.48	S 3E		84	
KWE	Z	031147.82		P 3E	53.00	S 3E		45	
CWF	NS0311			E		E	3.9H0.09ML	0.25	200
CWF	EW0311			E		E	10.1H0.10ML	0.25	200
	-1								
010891	LANCS+	LA 107	248	12.5	5.0DWR/FW	LMANSFIELD,NOTTS			
		12040.13	455.76/ 364.75	0.1 1.0		53.177	-1.166	2	
15	45	159	0.11	0.4	0.6	B A*C	COALFIELD TYPE		
LLO	Z	012100.32		P 3E	14.86	S 3E		0.25	200
LBO	Z	012102.01		P 3E	17.72	S 3E		119	
LLY	Z	012102.83		P 3E	19.08	S 3E		129	
LKL	Z	012104.42		P 3E	21.90	S 3E		135	
LCK	Z	012107.98		P 3E	28.90	S 3E		147	
LMI	Z	012109.90		P 3E	32.60	S 3E		173	
LMI	NS0121			E		E	1.3H0.28M	0.25	200
LMI	EW0121			E		E	1.4H0.32ML	0.25	200
KWE	Z	012049.21		P 3E	55.72	S 3E		0.25	200
KSY	Z	012048.71		P 3E				183	
CWF	Z	012049.39		P 3E	56.40	S 3E		49	
CWF	NS0120						4.0H0.10ML	0.25	200
CWF	EW0120						4.5H0.10ML	0.25	200
	-1								
020891	ESKDALEMUIRES	540		12.5	5.0DG	LCRAIK MUIR,D & G			
		11143.36	329.13/ 601.54	2.9 0.6		55.303	-3.116	1	
4	6	258	0.05	0.0	0.0	C A*D		2	
ESK	Z	011144.78		P 0IU	45.90	S 1E		3	
ESK	NS0111						7.0H0.09ML	2.5	200
ESK	EW0111						8.7H0.07ML	2.5	200
ECK	Z	011146.18		P 1IU	48.04	S 3		6	
	-1							6	
030891	GALLOWAY+			12.5	5.0BS	LDUMFRIES,D & G			
		152 4.72	295.64/ 579.84	4.0 1.3		55.102	-3.636	1	
7	33	160	0.21	2.8	9.3	C C*C		2	
GAL	Z	015216.95		P 3E	26.00	S 3E		3	
GAL	NS0152						03.5H0.10ML	01.0	200
GAL	EW0152						02.0H0.06ML	01.0	200
GIM	Z	015222.89		P 2E	36.00	S 3E		74	
GCD	Z	015210.70		P 2E				74	
LCK	Z	015221.91		P 3E	32.72	S 3E		74	
LMI	Z	015222.79		P 3E	33.80	S 3E		105	
LMI	NS0152			E		E	4.9H0.19M	0.25	200
LMI	EW0152			E		E	5.1H0.20ML	0.25	200
LKL	Z	015226.09		P 3E	40.00	S 3E		100	
LBO	Z	015229.26		P 3E	46.42	S 3E		100	
LLO	Z	015231.26		P 3E	49.88	S 3E		100	
EBL	Z	015219.78		P 2E	30.32	S 3E		100	
EAU	Z	015220.01		P 2EU	31.20	S 3E		100	
EDI	Z	015221.98		P 3E	34.11	S 3E		100	
EDI	NS0152			E		E	4.0H0.26M	0.25	200
EDI	EW0152			E		E	7.6H0.21ML	0.25	200
ECK	Z	015211.18		P 1IU	15.18	S 1E		0.25	200
ESK	Z	015211.59		P 1IU	15.97	S 2E		96	
XDE	Z	015216.71		P 4E				96	
XAL	Z	015222.42		P 3E	35.08	S 4E		34	
XSO	Z	015222.55		P 3E	35.29	S 4E		36	
	-1							67	
030891	N WALES							95	
		32049.67	248.15/ 383.80	18.4 0.1				98	
8	8	252	0.05	0.6	0.5	C A*D			
WCB	Z	032054.00		P 1IU	56.80	S 1			
WCB	NS0320						3.1 H0.07ML	1.0	200
WCB	EW0320						4.6 H0.08ML	1.0	200
YRC	Z	032054.35		P 2E	57.47	S 3		19	
WLF	Z	032053.00		P 2E	55.32	S 1		19	
WME	Z	032052.85		P 3E	55.20	S 2		19	
	-1							21	
030891	LOWNET	LN 766	991	12.5	5.0DWR	LGLENEAGLES,TAYSIDE			
		41422.13	293.25/ 707.42	5.9 0.3		56.247	-3.723	1	
10	13	123	0.11	0.5	0.9	B A*C		2	
EBH	Z	041424.98		P 0IU	26.89	S 1IU		0.25	200
ELO	Z	041426.99		P 3E	30.22	S 2EU		13	
EAB	Z	041429.20		P 2EU	33.72	S 3E		25	
EDU	Z	041431.75		P 3E	38.66	S 3E		39	
EDI	Z	041430.80		P 3E	36.91	S 2EU		55	
EDI	NS0414			E		E	1.2H0.09M	0.25	200
EDI	EW0414			E		E	2.8H0.09ML	0.25	200
	-1							49	
030891	LOWNET+	LN 766	1001	12.5	5.0DWR/DG	LDUMFRIES,D & G			
		45547.24	302.92/ 578.52	0.2 0.7		55.092	-3.521	1	
11	27	295	0.37	4.1	3.0	D C*D		2	
EBL	Z	045600.32		P 4E	12.38	S 3E		0.25	200
EAU	Z	045601.78		P 3E	12.88	S 3E		82	
EDI	Z	045603.91		P 3E	16.50	S 3E		84	
EDI	NS0456			E		E	1.2H0.20M	0.25	200
EDI	EW0456			E		E	1.5H0.19ML	0.25	200
ESY	Z	045605.67		P 3E	19.05	S 3E		0.25	200
ECK	Z	045553.09		P 3E	56.87	S 2E		95	
ESK	Z	045553.22		P 1IU	57.60	S 3E		95	
ESK	NS0455						2.1H0.19ML	0.25	200
								108	
								27	
								32	
								32	

ESK EW0455				6.9H0.17ML	0.25	200	32
-1							
030891N WALES				5.0RITCHIELCAERNARVON BAY,GWYNEDD1			1
1652 2.80	238.25/ 356.54	12.9	0.7		53.081	-4.415	2
21 11 123 0.10	0.3 0.3 B A*B						3
WCB Z 165209.02	P 3E 13.09		S 3				
WCB NS1652				6.1 H0.06ML	0.25	200	34
WCB EW1652				10.0H0.08ML	0.25	200	34
YRC Z 165207.14	P 1ID10.11		S 2				22
YRE Z 165205.72	P 1IU07.58		S 1				11
WLF Z 165207.21	P 1IU10.20		S 1				23
WME Z 165209.10	P 1ID13.41		S 2				36
YLL Z 165206.40	P 1IU09.00		S 1				18
WLC Z 165210.64	P 3E 15.69		S 1				44
WLC NS1652				8.0 H0.09ML	1.0	200	44
WLC EW1652				4.1 H0.08ML	1.0	200	44
YRH Z 165208.39	P 1IU12.35		S 3				31
WBR Z 165210.15	P 3E 15.32		S 3				43
WST Z 165208.49	P 2E 12.38		S 1				31
WFB Z 165211.34	P 3E						51
-1							
040891 LOWNET+				5.0DWR/DG+LBALQUHIDDER,CENTRAL			1
183457.10	249.42/ 717.12	3.3	2.8		3+ 56.323	-4.435	2
27 16 125 0.15	0.4 0.8 B A*C FELT BALQUHIDDER,TYNDRUM, CRIANLARICH,...						3
EAB Z 183500.25	P 1ID						16
ELO Z 183505.40	P 1IU11.15		S 4				48
EBH Z 183507.22	P 1E						58
PCA Z 183509.12	P 1E						70
EDU Z 183512.36	P 1EU23.42		S 2				91
EDI Z 183512.23	P 1E 23.24		S 2				90
EDI NS1835				3.5 H0.15ML	10.0	200	90
EDI EW1835				4.0 H0.23ML	10.0	200	90
PCO Z 183504.91	P 0IU10.31		S 2				43
PGB Z 183507.15	P 1IU14.26		S 2				57
KPL Z 183519.44	P 1E						136
KAR Z 183515.01	P 1E 27.68		S 3E				108
KSB Z 183516.12	P 1E 29.68		S 3E				116
KAC Z 183520.40	P 1E 36.16		S 3E				141
KSK Z 183526.48	P 1E 48.56		S 3E				188
MDO Z 183517.70	P 2ED32.10		S 3E				125
MME Z 183520.30	P 1ID38.00		S 3E				142
MVH Z 183524.72	P 2E						179
MCD Z 183522.60	P 1ID40.10		S 3E				158
MCD NS1835				04.0H0.11ML	10.0	200	158
MCD EW1835				03.0H0.15ML	10.0	200	158
MFI Z 183527.10	P 2E						194
-1							
060891 LANCS+	LA 107 2051	12.5		5.0DWR/DG LDUMFRIES,D & G			1
12 416.54	299.34/ 579.93	3.2	1.6		55.103	-3.578	2
26 30 168 0.39	1.3 2.7 C C*C						3
LCK Z 120432.62	P 2E 43.42		S 3E		0.25	200	95
LMI Z 120433.29	P 2E 44.40		S 3E	6.5H0.31M	0.25	200	100
LMI NS1204	E		E	9.1H0.11ML	0.25	200	100
LMI EW1204	E		E	19.4H0.19ML	0.25	200	100
LKL Z 120436.92	P 2E 50.95		S 3E				119
LBO Z 120439.18	P 3E 57.35		S 4E				141
LLO Z 120442.10	P 3E 60.72		S 4E				154
EBL Z 120430.54	P 2EU40.30		S 2E				82
EAU Z 120430.88	P 2EU41.19		S 3E				83
EDI Z 120432.01	P 3E 44.29		S 3E	5.8H0.21M	0.25	200	95
EDI NS1204	E		E	9.7H0.19ML	0.25	200	95
EDI EW1204	E		E	9.9H0.30ML	0.25	200	95
ESY Z 120435.03	P 2E 49.30		S 4E				109
EBH Z 120437.54	P 3E 52.71		S 3E				128
EAB Z 120437.89	P 3E 53.11		S 3E				130
EDU Z 120442.06	P 3E 58.85		S 4E				165
ECK Z 120421.84	P 1IU25.87		S 2E				30
ESK Z 120422.34	P 2E 26.74		S 2E				34
ESK NS1204				8.5H0.18ML	1.0	200	34
ESK EW1204				9.0H0.17ML	1.0	200	34
XAL Z 120432.15	P 3E						91
XSO Z 120432.63	P 3E						95
-1							
070891GALLOWAY+	GL092	12.5		5.0BS/DG LDUMFRIES,D & G			1
122219.50	297.09/ 579.33	2.5	1.7		55.098	-3.613	2
26 32 64 0.39	0.8 1.8 C C*C						3
GAL Z 122231.80	P 2E 40.20		S 3				75
GAL NS1222				11.7H0.05ML	01.0	200	75
GAL EW1222				07.5H0.07ML	01.0	200	75
GIM Z 122237.02	P 1ED50.00		S 3E				105
GMM Z 122248.28	P 2E 66.80		S 3E				179
GCL Z 122245.30	P 3E						161
GMK Z 122240.80	P 2E 54.90		S 3E				129
GCD Z 122225.18	P 1EU29.90		S 3E				34
LCK Z 122236.18	P 2E 47.20		S 2E				95
LMI Z 122236.95	P 2E 48.12		S 2E				100
LMI NS1222	E		E	3.9H0.14ML	1.0	200	100
LMI EW1222	E		E	7.4H0.19ML	1.0	200	100
LKL Z 122239.69	P 3E 54.05		S 3E				120
XAL Z 122235.66	P 3E						93
XSO Z 122236.12	P 2E						97
PCA Z 122233.28	P 2EU42.71		S 3E				78
PGB Z 122236.13	P 2EU47.51		S 3E				96
PCO Z 122237.46	P 3E 49.12		S 3E				104
ECK Z 122225.38	P 1IU29.32		S 3E				32
ESK Z 122225.91	P 1IU30.20		S 3E				36
ESK NS1222				6.0H0.18ML	2.5	200	36
ESK EW1222				7.0H0.16ML	2.5	200	36
-1							
070891 LANCS	LA 108 85	12.5		5.0DWR LELLERTON,HUMBERSIDE			1
132644.64	471.16/ 439.81	0.8	1.9		53.849	-0.918	2
10108 336 0.30	14.2 10.1 D D*D						3
LLO Z 132702.81	P 2E 16.48		S 3E		0.25	200	108

LBO Z 132703.00	P 2E 16.78	S 3E					110
LKL Z 132704.01	P 3E 17.29	S 3E					114
LCK Z 132708.80	P 3E 25.10	S 3E					140
LMI Z 132711.80	P 3E 29.65	S 3E	4.1H0.50M	0.25	200		162
LMI NS1327	E	E	4.4H0.39ML	0.25	200		162
LMI EW1327	E	E	4.1H0.50ML	0.25	200		162
-1							
070891LEEDS+	LD541	12.5	5.0FW/DWR	LTIDESWELL,DERBYSHIRE			1
143252.99	419.73/ 378.71	2.1 1.6		53.305	-1.704		2
18 29 153 0.20	0.9 0.8 C B*C						3
LHO Z 143258.25	P 3E 62.30	S 3					29
HPK Z 143305.32	P 2E 14.61	S 2					73
HPK NS1433			5.1H0.12ML	1.0	200		73
HPK EW1433			7.1H0.19ML	1.0	200		73
LRN Z 143313.82	P 3E						124
KWE Z 143259.10	P 3E						33
CWF Z 143305.28	P 3E 13.45	S 2					68
CWF NS1433			6.2H0.12ML	0.25	200		68
CWF EW1433			12.2H0.19ML	0.25	200		68
LLO Z 143306.93	P 2EU17.43	S 3E					83
LBO Z 143308.70	P 2EU21.08	S 3E					95
LKL Z 143311.60	P 3E 26.10	S 3E					116
LCK Z 143316.09	P 3E 32.70	S 3E					140
LMI Z 143317.22	P 2EU34.38	S 3E	4.0H0.20M	0.25	200		147
LMI NS1433	E	E	5.6H0.22ML	0.25	200		147
LMI EW1433	EU	E	6.7H0.22ML	0.25	200		147
-1							
080891N WALES			5.0RITCHIELLLEYN,GWYNEDD				1
72556.49	239.40/ 342.54	22.3 1.1		52.956	-4.391		2
21 4 179 0.09	0.4 0.6 B A*C LLEYN AFTERSHOCK						3
WCB Z 072605.20	P 1ID10.90	S 3					48
YRC Z 072603.28	P 1IU07.91	S 1					35
YRE Z 072600.15	P 1ID						4
WPM Z 072604.63	P 1IU10.59	S 1					47
WLF Z 072603.37	P 1IU08.12	S 1					37
WME Z 072605.10	P 1ID11.19	S 1					49
YLL Z 072601.10	P 1IU04.85	S 1					25
WLC Z 072604.11	P 1IU09.45	S 1					41
WLC NS0726			7.6 H0.15ML	1.0	200		41
WLC EW0726			6.2 H0.09ML	1.0	200		41
WVR Z 072606.18	P 2E						56
WBR Z 072603.22	P 2E 07.60	S 2					35
WST Z 072602.20	P 2E 06.10	S 2					27
WFB Z 072603.68	P 1ID08.58	S 3					39
WCB NS0726			4.6 H0.07ML	1.0	200		48
WCB EW0726			5.5 H0.05ML	1.0	200		48
-1							
090891 LANCS	LA 108	813	12.5	5.0DWR	LSKIDDAW,CUMBRIA		1
181637.31	328.76/ 531.14	10.1 1.1			54.670	-3.105	2
18 31 74 0.25	0.7 9.4 C C*C						3
LCK Z 181643.96	P 2E 48.69	S 2E					38
LMI Z 181646.41	P 2E 52.40	S 2E					52
LMI NS1816	E	E	3.0H0.11ML	1.0	200		52
LMI EW1816	E	E	3.2H0.09ML	1.0	200		52
LKL Z 181647.82	P 2ED55.39	S 3E					62
LBO Z 181651.59	P 4E 61.53	S 3E					84
XDE Z 181643.25	P 0IU46.79	S 2E					31
ECK Z 181647.18	P 2ED53.84	S 2E					57
XAL Z 181647.89	P 1IU54.91	S 2E					61
ESK Z 181649.40	P 3E 57.49	S 4E					72
ESK NS1816	E	E	8.5H0.08ML	0.25	200		72
ESK EW1816	E	E	6.9H0.10ML	0.25	200		72
XSO Z 181655.00	P 2E 67.05	S 3E					107
GCD Z 181647.20	P 3E 53.90	S 2E					58
GIM Z 181653.50	P 2EU64.55	S 2E					98
GAL Z 181654.47	P 3E 66.30	S 4E					106
GAL NS1816	E	E	5.5H0.10ML	0.25	200		106
GAL EW1816	E	E	4.5H0.09ML	0.25	200		106
-1							
100891 LOWNET	LN 768	1169	12.5	5.0DWR	LBALQUHIDDER,CENTRAL		1
163917.33	259.37/ 712.39	5.1 0.5			56.283	-4.272	2
4 11 217 0.12	0.0 0.0 C A*D SOUTHEAST OF BALQUHIDDER						3
EAB Z 163919.95	P 2EU21.50	S 2E					11
ELO Z 163925.10	P 3E 29.70	S 3E					40
EBH Z 163926.70	P 3E 31.80	S 3E					47
EDI Z 163933.70	P 3E 44.50	S 3E					79
EDI NS1639	E	E	1.5H0.09ML	0.25	200		79
EDI EW1639	E	E	2.3H0.09ML	0.25	200		79
-1							
100891 LANCS	LA 108	1135	12.5	5.0DWR	LMARTINDALE,CUMBRIA		1
173341.18	343.54/ 518.70	8.1 1.1			54.560	-2.873	2
20 22 65 0.30	0.9 17.3 C C*C						3
LCK Z 173345.50	P 0IU48.49	S 2EU					22
LKL Z 173348.84	P 2E 53.70	S 3E					44
LMI Z 173349.40	P 1IU55.10	S 4E					47
LMI NS1733	E	EU	3.8H0.11ML	1.0	200		47
LMI EW1733	E	E	4.1H0.11ML	1.0	200		47
LBO Z 173353.00	P 3E 61.13	S 3E					68
LLO Z 173355.88	P 4EU64.99	S 3E					82
XDE Z 173348.43	P 2E 52.79	S 3E					40
XAL Z 173350.12	P 2E 55.02	4E					54
ECK Z 173353.43	P 2E 60.99	S 3E					71
ESK Z 173355.78	P 3E 65.88	S 3E					87
ESK NS1733	E	E	8.2H0.09ML	0.25	200		87
ESK EW1733	E	E	6.9H0.09ML	0.25	200		87
XSO Z 173359.61	P 2E 71.20	S 3E					111
GCD Z 173354.51	P 3E 63.81	S 3E					77
GIM Z 173359.51	P 2ED72.52	S 4E					108
GAL Z 173401.58	P 3E 15.79	S 3E					123
GAL NS1734	E	E	5.0H0.10ML	0.25	200		123
GAL EW1734	E	E	2.8H0.11ML	0.25	200		123
LRN Z 173353.17	P 3E 62.10	S 4E					72
LCP Z 173356.81	P 3E 68.30	S 3E					93

-1									
110891	SHETLAND	SH 656			5.0BS	NORTHERN NORTH SEA			1
	23 747.10	585.78	1169.02	1.0 2.1		60.363	1.369		2
	6136 336 0.29	12.2	5.2 D D*D						3
LRW	Z 230810.27		P 1EU27.91	S 3E					144
LRW	NS2308				08.2HO.10ML		01.0 200		144
LRW	EW2308				09.0HO.09ML		01.0 200		144
SAN	Z 230811.00		P 2E 28.22	S 3E					150
WAL	Z 230813.85		P 2E						165
YEL	Z 230809.00		P 2E						136
-1									
120891	LOWNET	LN 768	1787	12.5	5.0DWR	LLOCH SUNART, HIGHLAND			1
	1313 2.57	181.42/	759.88	1.5 1.0		56.680	-5.569		2
	8 94 330 0.16	7.0	5.1 D D*D	MAGNITUDE FROM VERTICALS					3
EAB	Z 131318.45		P 2EU30.00	S 3E	5.2HO.09ML		0.25 200		94
ELO	Z 131322.05		P 2EU36.38	S 3E	6.0HO.09ML		0.25 200		116
EBH	Z 131325.18		P 3E 41.10	S 3E	2.0HO.12ML		0.25 200		136
EDU	Z 131327.70		P 3E 45.70	S 3E					158
-1									
130891	GALLOWAY+	GL093		12.5	5.0BS/DG	LKINTYRE, STRATHCLYDE			1
	32056.65	146.21/	616.81	3.5 1.5		55.379	-6.007		2
	19 26 216 0.31	1.7	2.2 D C*D	OFFSHORE LOCATION, WEST		OF KINTYRE			3
GAL	Z 032113.70		P 2E 25.30	S 3E					101
GAL	NS0321				01.6HO.07ML		01.0 200		101
GAL	EW0321				02.0HO.10ML		01.0 200		101
GIM	Z 032122.10		P 4E 40.10	S 3E					156
GCL	Z 032102.92		P 1ED07.37	S 3E					35
GMK	Z 032101.69		P 1IU						26
GCD	Z 032120.80		P 3E 37.10	S 3E					144
EAB	Z 032118.78		P 3E 35.00	S 3E					138
EAU	Z 032124.53		P 4E 43.95	S 3E					169
EBH	Z 032126.88		P 4E 46.38	S 3E					184
EDI	Z 032126.60		P 3E 47.61	S 3E	1.6HO.28M		0.25 200		187
EDI	NS0321		E		2.1HO.35ML		0.25 200		187
EDI	EW0321		E		2.0HO.27ML		0.25 200		187
PGB	Z 032114.82		P 3E 26.87	S 2					108
PGB	NS0321				5.5HO.14ML		1.0 200		108
PGB	EW0321				4.0HO.12ML		1.0 200		108
PCA	Z 032116.21		P 3E 29.00	S 3					116
PCO	Z 032119.95		P 4E 35.85	S 3					138
-1									
130891	GALLOWAY+	GL093		12.5	5.0BS/DG	LMILNGAVIE, STRATHCLYDE			1
	43623.08	258.96/	672.61	2.6 1.0		55.926	-4.258		2
	19 12 123 0.07	0.2	0.8 B A*C						3
GAL	Z 043644.25		P 3E 57.40	S 3E					121
GAL	NS0436				06.1HO.11ML		0.25 200		121
GAL	EW0436				11.5HO.12ML		0.25 200		121
GMK	Z 043640.50		P 2E 53.80	S 3E					106
GCD	Z 043643.70		P 2E 57.80	S 3E					120
EAB	Z 043628.58		P 1ID32.51	S 2EU			0.25 200		30
EAU	Z 043632.20		P 2EU38.84	S 2EU					51
EBH	Z 043633.70		P 3E 40.82	S 1IU					59
EDI	Z 043635.19		P 3E 43.00	S 2E	2.5HO.10M		0.25 200		67
EDI	NS0436		E		3.9HO.09ML		0.25 200		67
EDI	EW0436		E		3.2HO.11ML		0.25 200		67
ELO	Z 043635.55		P 3E 42.90	S 3E					70
EBL	Z 043636.58		P 3E 45.88	S 3E					78
EDU	Z 043640.70		P 3E 52.70	S 3E					104
PCO	Z 043625.69		P 0IU27.93	S 1					12
PGB	Z 043626.78		P 0IU29.43	S 1					19
PGB	NS0436				6.9HO.11ML		2.5 200		19
PGB	EW0436				4.0HO.10ML		2.5 200		19
PCA	Z 043627.73		P 0ID31.23	S 2					25
ESK	Z 043639.00		P 2E 50.49	S 3E					95
ESK	NS0436				6.4HO.10ML		0.25 200		95
ESK	EW0436				6.2HO.12ML		0.25 200		95
-1									
130891	LOWNET+	LN 768	2003	12.5	5.0DWR/DG	LMILNGAVIE, STRATHCLYDE			1
	45048.74	258.99/	672.59	2.7 0.2		55.926	-4.257		2
	13 12 123 0.06	0.2	1.1 B A*C						3
EAB	Z 045054.20		P 2E 58.20	S 3E			0.25 200		30
EAU	Z 045057.63		P 3E 64.22	S 3E					51
EBH	Z 0450		66.71	S 3E					59
ELO	Z 0450		69.00	S 3E					70
EDI	Z 045100.51		P 3E 09.07	S 3E					67
EDI	NS0451		E		1.5HO.10ML		0.25 200		67
EDI	EW0451		E		1.1HO.09ML		0.25 200		67
PCO	Z 045051.33		P 0IU53.22	S 3					12
PGB	Z 045052.45		P 1IU55.10	S 2					19
PGB	NS0450				16.0HO.12ML		0.25 200		19
PGB	EW0450				9.5HO.10ML		0.25 200		19
PCA	Z 045053.44		P 1ID56.86	S 3					25
-1									
140891	CORNWALL				5.0ABW	LHELDFORD, CORNWALL			1
	155 4.66	177.30/	25.37	1.7-0.5		50.086	-5.113		2
	13 5 224 0.02	0.2	0.7 C A*D	SOUTHEAST OF HELDFORD					3
CGH	Z 015505.64		P 1IU						5
CBW	Z 015505.94		P 1IU						7
CCO	Z 015506.13		P 1ID07.26	S 1					8
CR2	Z 015506.41		P 1ID07.71	S 1					10
CST	Z 015506.87		P 1 D						13
CCA	Z 015507.08		P 1ID						14
CTR	Z 015506.39		P 1ID07.65	S 1					10
CME	Z 015506.67		P 1 D						11
CRA	Z 015506.49		P 1 D07.90	S 1					10
CR2	NS0155				3.0 HO.03ML		1.0 200		10
CR2	EW0155				5.5 HO.03ML		1.0 200		10
-1									
140891	HEREFORD+			12.5	5.0WRIGHT	LBRECON, POWYS			1
	132241.25	294.74/	240.30	14.9 2.3		52.051	-3.535		2
	20 18 135 0.17	0.6	0.5 B B*B	15KM NORTHWEST OF BRECON					3
HTR	Z 132245.41		P 1IU48.58	S 1					19
HCG	Z 132247.12		P 0ID51.31	S 1					31

MCH Z 132248.00	P 0IU52.85	S 1							37
MCH NS1322			7.5H0.11ML			10.0	200		37
MCH EW1322			8.1H0.19ML			10.0	200		37
HAE Z 132252.92	P 1IU								68
HLM Z 132252.79	P 2E 60.88	S 1							68
SBD Z 132257.37	P 2E								97
KWE Z 132306.75	P 2E								157
CWF Z 132308.20	P 2E 27.37	S 3							170
CWF NS1323			5.0H0.09ML			2.5	200		170
CWF EW1323			4.5H0.07ML			2.5	200		170
DYA Z 132308.46	P 3E 29.00	S 2							182
DYA NS1323			9.5H0.10ML			1.0	200		182
DYA EW1323			6.7H0.09ML			1.0	200		182
DCO Z 132309.79	P 3E								194
CCA Z 132315.42	P 3E								239
CPZ Z 132317.55	P 2E								255
WVR Z 132255.15	P 1IU64.90	S 1							83
WLC Z 132258.68	P 2E 70.80	S 1							107
WLC NS1322			4.8H0.09ML			2.5	200		107
WLC EW1322			6.1H0.19ML			2.5	200		107
-1									
140891CORNWALL			5.0ABW			LHELFFORD,CORNWALL			1
13 5 223 0.03	177.25/ 25.37	1.5 0.6				50.086	-5.114		2
CGH Z 152633.75	P 1IU								3
CBW Z 152634.05	P 1IU								7
CCO Z 152634.24	P 1ID35.39	S 1							8
CR2 Z 152634.55	P 1ID35.83	S 1							10
CR2 NS1526			4.0 H0.04ML			10.0	200		10
CR2 EW1526			5.0 H0.03ML			10.0	200		10
CST Z 152635.00	P 1ID								13
CCA Z 152635.20	P 1ID								14
CTR Z 152634.52	P 1 D35.78	S 1							10
CME Z 152634.79	P 1 D36.25	S 1							11
CRA Z 152634.62	P 1 D								10
-1									
160891KYLE+			5.0PCM/DWRLSKYE,HIGHLAND						1
9 24 131 0.06	161715.35	156.38/ 831.53	5.4 1.2			57.309	-6.046		2
KPL Z 161719.88	P 2E								3
KPL NS1617	23.24		S 2E	06.5H0.30ML		01.0	200		24
KPL EW1617				3.0H0.20ML		01.0	200		24
KAR Z 161723.36	P 1IU29.24	S 3E							46
KSB Z 161722.56	P 1IU27.52	S 3E							39
KAC Z 161723.96	P 3E 30.40	S 3E							50
KSK Z 161723.02	P 3E								43
EAB Z 161742.31	P 2E 61.95	S 3E							163
ELO Z 161743.20	P 2E 63.41	S 3E							170
PMS Z 161745.57	P 2EU66.25	S 3							182
PCO Z 161747.20	P 3EU								190
PGB Z 161747.80	P 2EU68.03	S 3							193
PGB NS1617			5.2H0.15ML			0.25	200		193
PGB EW1617			4.5H0.08ML			0.25	200		193
PCA Z 161748.70	P 3E								210
-1									
160891LOWNET+	LN 769 879	12.5	5.0DWR/DG			LCLACKMANNAN,CENTRAL			1
20 18 81 0.21	19 711.78	293.36/ 694.59	0.9 1.5			56.132	-3.716		2
EBH Z 190715.60	P 1ID18.82	S 3E							3
ELO Z 190718.90	P 2E 24.01	S 3E				0.25	200		18
EAB Z 190719.04	P 2E 24.31	S 3E							38
EAU Z 190719.10	P 2ED23.61	S 2EU							39
EDI Z 190719.19	P 2ED24.90	S 2E	8.6H0.70M			0.25	200		36
EDI NS1907	E		EU11.2H0.70ML			0.25	200		40
EDI EW1907	ED		EU10.0H0.70ML			0.25	200		40
EDU Z 190723.42	P 3E 31.62	S 3E							64
PCO Z 190717.31	P 1IU21.82	S 2							29
PCA Z 190722.49	P 2E 29.70	S 3							59
PGB Z 190722.51	P 2ED30.09	S 3							60
PGB NS1907			10.0H0.38ML			0.25	200		60
PGB EW1907			7.6H0.30ML			0.25	200		60
PMS Z 190724.80	P 2EU33.79	S 3							72
-1									
160891KYLE+			5.0BS/DWR			LBALQUHIDDER,CENTRAL			1
25 15 105 0.34	235813.90	251.68/ 716.41	2.7 1.4			56.317	-4.398		2
KPL Z 235836.40	P 2E								3
KPL NS2358	52.01		S 3E	03.5H0.25ML		0.25	200		137
KPL EW2358				03.5H0.28ML		0.25	200		137
KAR Z 235832.52	P 2E								111
KSB Z 235833.36	P 2E								118
KAC Z 235837.12	P 2E								143
MCD Z 235839.13	P 2E 58.20	P 4E							157
MCD NS2358			06.0H0.10ML			0.25	200		157
MCD EW2358			05.0H0.15ML			0.25	200		157
PCA Z 235826.45	P 3E 34.10	S 3E							69
EAB Z 235816.79	P 1IU18.30	S 2E							15
ELO Z 235821.93	P 2EU27.50	S 3E							46
EBH Z 235823.73	P 3E								56
EAU Z 235827.52	P 3E								79
EDU Z 235828.63	P 3E 39.42	S 3E							89
EDI Z 235829.31	P 3E 39.62	S E	4.0H0.11M			0.25	200		87
EDI NS2358	E		E 8.0H0.10ML			0.25	200		87
EDI EW2358	E		E 8.5H0.11ML			0.25	200		87
EBL Z 2358	44.32								104
PCO Z 235821.42	P 1IU27.60	S 3E							41
PMS Z 235823.87	P 2EU30.28	S 3E							57
PGB Z 235824.02	P 2E 30.70	S 2E							57
-1									
170891LANCS	LA 109 943	12.5	5.0DWR			LCLIFTON,LANCASHIRE			1
12 8 240 0.14	5 223.15	347.49/ 429.91	7.1 0.9			53.763	-2.797		2
LLY Z 050225.30	P 1ID26.71	S 3E							3

LLO Z 050226.80	P 0IU29.71	S 2E					18
LBO Z 050228.34	P 3E 32.31	S 3E					28
LKL Z 050232.19	P 3E 38.65	S 3E					54
LMI Z 050233.57	P 3E 41.30	S 3E					61
LMI NS0502	E	E	4.9H0.18ML		0.25 200		61
LMI EW0502	E	E	5.0H0.09ML		0.25 200		61
LCK Z 050234.36	P 3E 41.82	S 3E					67
-1							
180891PAISLEY	PA 378		12.5	5.0DG	MILNGAVIE, STRATHCLYDE		1
226 7.50	251.41/ 677.52		2.3 0.3		55.968 -4.381		2
6 18 204 0.29	2.1 1.8 C B*D						3
PCO Z 022611.44	P 3EU13.22	S 3					18
PGB Z 022611.32	P 3E 13.73	S 3					19
PGB NS0226				9.6H0.10ML	1.0 200		19
PGB EW0226				2.7H0.10ML	1.0 200		19
PMS Z 022612.48	P 3E 16.05	S 3					26
-1							
190891KYLE				5.0	LGLENSHIEL, HIGHLAND		1
104218.88	189.77/ 810.75		7.7 0.5		57.140 -5.475		2
7 8 199 0.05	0.7 1.3 C A*D						3
KPL Z 104223.56	P 1IU						25
KPL NS1042	26.68	S 1ID10.0H0.15ML			0.25 200		25
KPL EW1042		S 15.0H0.12ML			0.25 200		25
KAR Z 104224.84	P 2E 28.72	S 3E					33
KSB Z 104221.16	P 1IU22.40	S 3E					8
KAC Z 104226.12	P 2E 30.48	S 3E					42
-1							
220891N WALES+			12.5	5.0RITCHIELMARKET DRAYTON, SHROPS			1
24149.03	376.99/ 337.17		14.9 1.2		52.931 -2.342		2
14 35 145 0.19	1.0 1.1 C B*C 8KM NORTHEAST OF MARKET DRAYTON						3
MCH Z 024168.03	P 3E 80.42	S 2					113
MCH NS0241				7.5 H0.08ML	0.25 200		113
MCH EW0241				11.5H0.09ML	0.25 200		113
SBD Z 024159.55	P 3E 66.37	S 3					62
HLM Z 024159.39	P 2E 66.35	S 3					59
WLC Z 024164.45	P 4E 76.02	S 2					97
WLC NS0241				7.0 H0.10ML	0.25 200		97
WLC EW0241				6.2 H0.09ML	0.25 200		97
WCB Z 024173.51	P 4E 91.89	S 3					156
YRE Z 024171.48	P 3E 87.51	S 3					140
WPM Z 0241	79.42	S 3					111
CWF Z 024161.55	P 3E 69.92	S 2					73
KWE Z 024155.48	P 1IU						35
-1							
220891HEREFORD+			12.5	5.0WRIGHT LCARMARTHEN, DYFED			1
183733.88	250.39/ 224.31		7.8 1.7		51.897 -4.175		2
22 17 90 0.28	0.6 1.2 C B*C 8KM NNE OF CARMARTHEN						3
HCG Z 183744.15	P 2E 51.09	S 2					59
HTR Z 183745.13	P 2E 53.09	S 2					65
MCH Z 183747.79	P 2E 57.05	S 2					82
MCH NS1837				7.5H0.08ML	1.0 200		82
MCH EW1837				7.3H0.09ML	1.0 200		82
HGH Z 183750.32	P 3E						99
HLM Z 183752.89	P 2E 66.00	S 3					112
CWF NS1838				9.0H0.07ML	0.25 200		217
SBD Z 183755.10	P 3E						128
HSA Z 183737.53	P 0ID38.49	S 1					17
HPE Z 183741.02	P 1ED46.27	S 2					42
HEX Z 183750.15	P 1EU61.47	S 2					96
HTL Z 183751.40	P 1EU63.11	S 2					103
HTL NS1837				8.5H0.12ML	1.0 200		103
HTL EW1837				8.3H0.11ML	1.0 2200		103
WFB Z 183748.92	P 1ED59.48	S 2					88
WLC Z 183754.69	P 3E 68.97	S 2					125
WLC NS1837				9.0H0.09ML	1.0 200		125
WLC EW1837				5.6H0.11ML	1.0 200		125
KWE Z 183805.38	P 3E 27.75	S 3					202
CWF Z 183807.15	P 3E 30.06	S 3					217
CWF EW1838				11.5H0.08ML	0.25 200		217
-1							
230891 LOWNET+	LN 770 729		12.5	5.0DWR/DG LCLACKMANNAN, CENTRAL			1
73455.55	293.41/ 694.26		0.5 1.3		56.129 -3.715		2
16 18 81 0.11	0.3 0.5 B A*C COALFIELD TYPE, SMALL F/S 5.2 SECS EARLIER						3
EBH Z 073459.51	P 3E 62.49	S 3E			0.25 200		18
EAU Z 073502.39	P 2E 07.51	S 3E					36
EAB Z 073502.80	P 3E 08.30	S 3E					39
ELO Z 073502.80	P 3E 08.40	S 3E					38
EDI Z 073503.11	P 3E 08.67	S 3E		6.2H0.50M	0.25 200		40
EDI NS0735	E	E		6.4H0.70ML	0.25 200		40
EDI EW0735	E	E		7.6H0.65ML	0.25 200		40
EDU Z 073507.51	P 3E 15.32	S 3E					64
PCO Z 073501.37	P 1IU05.40	S 3					29
PGB Z 073506.50	P 2ED14.17	S 2					59
PGB NS0735				8.5H0.26ML	0.25 200		59
PGB EW0735				5.7H0.20ML	0.25 200		59
-1							
240891SHETLAND	SH 658			5.0BS	NORTHERN NORTH SEA		1
7 253.43	607.16 1364.64		1.0 2.1		62.105 1.971		2
6238 353 0.08	8.1 6.5 D D*D						3
LRW Z 070333.30	P 2E 61.90	S 3E					278
LRW NS0703				08.5H0.09ML	0.25 200		278
LRW EW0703				08.0H0.10ML	0.25 200		278
SAN Z 070335.00	P 2E 64.80	S 3E					290
YEL Z 070328.40	P 2EU53.70	S 3E					238
-1							
260891SHETLAND	SH659			5.0BS	SHETLAND ISLANDS		1
142123.37	432.17 1175.439		13.8 0.9		60.462 -1.415		2
7 21 216 0.02	0.4 0.8 C A*D						3
LRW Z 142129.90	P 1ID34.71	S 3E					39
LRW NS1421				03.1H0.09ML	0.10 200		39
LRW EW1421				04.0H0.12ML	0.10 200		39
SAN Z 142131.72	P 1ED37.91	S 3E					50
WAL Z 142128.00	P 1IU31.30	S 3E					25

YEL Z 142127.37	P 1IU								21
-1									
260891 CORNWALL					5.0ABW	LROSEMANOWES, CORNWALL			1
234222.84	174.77/ 35.99	3.8-1.0				50.180	-5.155		2
9 2 161 0.03	0.3 0.4 B A*C								3
CST Z 234223.57	P 1								2
CR2 Z 234223.61	P 1	24.20		S 1					2
CR2 NS2342					3.5 H0.04ML		0.25 200		2
CR2 EW2342					4.7 H0.04ML		0.25 200		2
CBW Z 2342		24.65		S 2					5
CCA Z 2342		24.80		S 2					5
CCO Z 234224.10	P 2								6
CTR Z 2342		24.17		S 2					2
CME Z 2342		24.23		S 2					3
CRA Z 2342		24.39		S 2					3
-1									
040991LEEDS+					5.0FW/DWR	LDINNINGTON, S YORKSHIRE			1
18 833.47	453.92/ 386.97	12.5	1.1 1.8			2+ 53.377	-1.189		2
24 26 169 0.23	0.7 1.0 C B*C	COALFIELD TYPE, FELT							3
LHO Z 180841.22	P 2EU48.28			S 2E					48
HPK Z 180845.33	P 2E 54.89			S 4E					71
HPK NS1808					5.6H0.11ML		2.5 200		71
HPK EW1808					4.4H0.19ML		2.5 200		71
LWH Z 180852.30	P 3E 66.06			S 2E					112
LRN Z 180853.93	P 3E 68.97			S 3E					122
LCP Z 180859.12	P 4E 75.51			S 4E					153
KBI Z 180838.95	P 2E 42.68			S 3E					26
KWE Z 180844.62	P 3E 51.64			S 3E					59
CWF Z 180845.93	P 2E 53.46			S 4					72
CWF NS1808					12.1H0.18ML		0.25 200		72
CWF EW1808					13.5H0.18ML		0.25 200		72
LLO Z 180851.41	P 3E 64.18			S 3E					105
LBO Z 180852.11	P 2E 66.34			S 3E					113
LKL Z 180854.69	P 2E 69.98			S 3E					129
LCK Z 180858.70	P 2E 76.03			S 3E					156
LMI Z 180901.08	P 2E 20.18			S 3E					168
LMI NS1809					5.0H0.18ML		0.25 200		168
LMI EW1809					6.1H0.20ML		0.25 200		168
XAL Z 180902.70	P 2ED23.29			S 2E					178
XDE Z 180905.02	P 2E 27.90			S 2E					197
-1									
060991N WALES					5.0RITCHIELLLEYN, GWYNEDD				1
3 443.46	238.20/ 344.06	24.5 0.8				52.969	-4.410		2
15 2 114 0.06	0.3 0.4 B A*B	LLEYN AFTERSHOCK							3
WCB Z 030451.89	P 4E 58.1			S 4					46
WCB EW0304					6.0 H0.07ML		0.25 200		46
YRE Z 030447.38	P 1ID50.12			S 2					2
WPM Z 030451.72	P 3E								47
WLF Z 030450.37	P 3E 55.22			S 2					36
YLL Z 030449.10	P 1IU52.83			S 2					25
WLC Z 030451.42	P 1IU56.80			S 2					43
WLC NS0304					9.2 H0.16ML		0.25 200		43
WLC EW0304					9.2 H0.11ML		0.25 200		43
YRH Z 030448.70	P 1IU52.22			S 1					21
WBR Z 030450.50	P 3E 55.30			S 2					37
WST Z 030449.49	P 1IU53.65			S 1					28
-1									
060991 PAISLEY+	PA 381				5.0DG	LCLACKMANNAN, CENTRAL			1
20 428.84	293.02/ 693.61	12.5	1.7 1.3			56.123	-3.721		2
18 19 80 0.16	0.4 0.7 C B*C	COALFIELD TYPE							3
PCO Z 200434.18	P 2E 38.46			S 2E					28
PCA Z 200439.25	P 2ED46.64			S 3E					58
PGB Z 200439.55	P 2ED47.15			S 2E					59
PGB NS2004					12.2H0.22ML		0.25 200		59
PGB EW2004					7.5H0.21ML		0.25 200		59
PMS Z 200441.74	P 3E 50.70			S 3E					71
ESK Z 200445.80	P 2EU57.17			S 3E					96
ESK NS2004					4.0H0.21ML		0.25 200		96
ESK EW2004					6.0H0.23ML		0.25 200		96
ECK Z 200448.09	P 2EU61.72			S 2E					111
XSO Z 200449.78	P 2E 64.89			S 2E					116
EBH Z 200432.69	P 1ID35.71			S 2EU					19
EAU Z 200435.46	P 2ED39.90			S 3E					35
ELO Z 200435.98	P 2ED41.11			S 3E					39
EAB Z 200436.01	P 2EU41.02			S 3E					39
EDI Z 200436.30	P 1ID41.40			S 3E	4.5H0.60M		0.25 200		40
EDI NS2004	EU			E	4.3H0.75ML		0.25 200		40
EDI EW2004	ED			E	6.6H0.60ML		0.25 200		40
EBL Z 200438.93	P 3E 46.45			S 3E					58
EDU Z 200440.20	P 3E 48.75			S 3E					64
ESY Z 200441.70	P 3E								73
-1									
060991CORNWALL					5.0ABW	LST IVES, CORNWALL			1
231023.11	147.68/ 51.85	2.9 0.7				50.312	-5.545		2
12 18 286 0.03	1.0 36.0 D C*D	NORTHWEST OF ST IVES							3
CPZ Z 231026.55	P 1 U								18
CCA Z 231028.15	P 1ID								27
CST Z 231028.69	P 1ID								30
CR2 Z 231028.90	P 1ID33.10			S 1					31
CR2 NS2310					10.0H0.05ML		1.0 200		31
CR2 EW2310					9.5H0.04ML		1.0 200		31
CCO Z 231028.99	P 1ID								32
CBW Z 231029.58	P 1ID								36
CGH Z 231030.36	P 1ID								40
CTR Z 231028.96	P 1ID33.20			S 2					32
CME Z 231028.55	P 1E								30
CRA Z 231028.57	P 1 D								30
-1									
080991N WALES					5.0RITCHIELCAERNARVON BAY, GWYNEDD				1
8 950.39	223.67/ 359.28	15.4 0.9				53.101	-4.634		2
19 17 191 0.12	0.5 1.0 C A*D								3
WCB Z 080956.22	P 2E 60.05			S 1					31
WCB NS0809					5.2 H0.06ML		1.0 200		31

WCB EW0809					10.5H0.09ML	1.0	200	31
YRC Z 080954.40	P 2E	56.88	S 1					17
YRE Z 080954.40	P 1ID							19
WLF Z 080955.22	P 2E	58.82	S 1					26
WME Z 080957.30	P 1IU62.22		S 2					40
YLL Z 080956.09	P 2E	59.91	S 3					31
WLC Z 080960.68	P 3E	67.20	S 1					59
WLC NS0809					10.0H0.09ML	0.25	200	59
WLC EW0809					6.5 H0.11ML	0.25	200	59
YRH Z 080956.0	P 2ED59.70		S 1					30
WBR Z 080959.73	P 3E	66.70	S 3					57
WFB Z 080960.78	P 2E							62
WVR Z 0809		71.34	S 3					77
-1								
090991 LOWNET	LN 772	1923	12.5	5.0DWR	LCLACKMANNAN,CENTRAL			1
	213244.48	292.33/ 693.88	1.5 0.7		56.126	-3.732		2
10 19 129 0.12	0.4	0.8 B A*C	COALFIELD TYPE					3
EBH Z 213248.30	P 2ED51.32		S 2E					20
EAU Z 213251.08	P 2E	56.21	S 3E					36
ELO Z 213251.76	P 3E	56.89	S 3E					38
EAB Z 213251.81	P 3E	56.79	S 3E					38
EDI Z 213252.90	P 2ED57.59		S 3E	2.4H0.20M		0.25	200	41
EDI NS2132	E	57.59	S E	2.0H0.35ML		0.25	200	41
EDI EW2132	E		E	3.3H0.30ML		0.25	200	41
-1								
100991 LOWNET	LN 772	2233	12.5	5.0DWR	LCLACKMANNAN,CENTRAL			1
	20 220.27	291.33/ 693.82	0.6 0.3		56.125	-3.748		2
4 20 234 0.12	0.0	0.0 C A*D	COALFIELD TYPE, MAGNITUDE FROM VERTICAL					3
EBH Z 200224.41	P 2ED27.73		S 2E	3.2H0.65ML		0.25	200	20
ELO Z 200227.50	P 3E							39
EAB Z 200227.75	P 3E							37
-1								
110991LEEDS+	LD545		12.5	5.0WRIGHT	LMANSFIELD,NOTTS			1
	04843.57	448.94/ 360.27	0.4 1.6		53.137	-1.268		2
17 22 167 0.37	0.9	1.3 C C*C	COALFIELD TYPE, STANTON HILL AREA					3
HPK Z 004859.35	P 3E	71.40	S 3					94
HPK NS0048				11.0H0.18ML		0.25	200	94
HPK EW0048				7.5H0.19ML		0.25	200	94
LWH Z 004906.15	P 4E	23.75	S 2					139
LLO Z 004903.48	P 3E	17.29	S 3					117
LBO Z 004905.15	P 3E	20.62	S 3					127
LKL Z 004907.37	P 3E	24.35	S 3					147
LCK Z 004911.45	P 3E	31.30	S 3					172
LMI Z 004912.91	P 3E							181
KBI Z 004847.20	P 2E	50.60	S 3					22
KWE Z 004850.98	P 3E	57.50	S 3					41
CWF Z 004851.78	P 3E							45
-1								
110991 LOWNET	LN 773	298	12.5	5.0DWR	LLASSWADE,LOTHIAN			1
	2315 5.33	331.83/ 665.38	5.4 0.0		55.877	-3.090		2
6 8 215 0.01	0.2	0.3 C A*D	COALFIELD TYPE					3
EDI Z 231507.26	P 1ID08.67		S 2E	9.0H0.29M		0.25	200	8
EDI NS2315	ID08.67		S EU	5.5H0.29ML		0.25	200	8
EDI EW2315	IU		EU	6.9H0.27ML		0.25	200	8
EBL Z 231507.87	P 2E	09.76	S 3E					12
EAU Z 231509.78	P 2E	12.96	S 3E					23
-1								
120991LEEDS+	LD545		12.5	5.0WRIGHT	LMANSFIELD,NOTTS			1
	14428.21	451.00/ 363.33	0.2 1.5		53.164	-1.237		2
24 22 101 0.50	1.0	1.5 C C*C	COALFIELD TYPE, PLEASLEY HILL AREA					3
HPK Z 014444.29	P 2E	55.20	S 2					92
HPK NS0144				14.0H0.12ML		0.25	200	92
HPK EW0144				11.0H0.11ML		0.25	200	92
LWH Z 014451.39	P 3E	68.20	S 3					135
LRN Z 014452.88	P 2E							144
KBI Z 014432.10	P 2E	35.91	S 2					22
KWE Z 014436.28	P 3E	42.75	S 3					44
KSY Z 014436.59	P 3E	44.38	S 3					49
CWF Z 014436.87	P 2E	44.30	S 3					48
LLO Z 014448.47	P 3E	62.68	S 3					116
LBO Z 014450.02	P 3E	65.42	S 3					127
LLY Z 014450.72	P 3E	66.04	S 3					131
LKL Z 014452.42	P 3E	69.10	S 3					145
LCK Z 014456.39	P 3E	76.88	S 3					171
LMI Z 014457.95	P 3E	79.68	S 4					180
-1								
120991 PAISLEY	PA 382		12.5	5.0DG	LMILNGAVIE,STRATHCLYDE			1
	41629.15	251.30/ 672.00	0.5-0.5		55.918	-4.380		2
6 14 176 0.16	1.4	1.4 C B*C						3
PGB Z 041632.30	P 3EU34.62		S 3E					14
PGB NS0416				5.1H0.10ML		0.25	200	14
PGB EW0416				2.5H0.10ML		0.25	200	14
PCO Z 041632.90	P 3EU36.45		S 3E					19
PMS Z 041634.12	P 3E	37.65	S 3E					24
-1								
120991LEEDS+	LD545		12.5	5.0WRIGHT	LMANSFIELD,NOTTS			1
	74224.80	451.20/ 364.16	0.2 1.8		53.172	-1.234		2
15 22 263 0.35	4.2	3.1 D C*D	COALFIELD TYPE, PLEASLEY HILL AREA					3
LHO Z 074234.90	P 3E	42.70	S 3					59
HPK Z 074241.08	P 3E	51.90	S 2					91
HPK NS0742				17.5H0.21ML		0.25	200	91
HPK EW0742				11.7H0.18ML		0.25	200	91
LLO Z 074244.92	P 3E	59.31	S 3					116
LBO Z 074246.65	P 3E	60.69	S 3					126
LKL Z 074249.40	P 3E							145
LCK Z 074253.18	P 3E							171
LMI Z 074254.43	P 3E							180
KWE Z 074232.99	P 2E	39.55	S 3					44
KBI Z 074229.35	P 3E	32.61	S 3					22
-1								
120991LEEDS+				5.0WRIGHT	LMANSFIELD,NOTTS			1
	20 3 8.02	447.59/ 366.55	1.4 1.3		53.194	-1.288		2
16 17 257 0.40	2.7	2.3 D C*D	COALFIELD TYPE					3

HPK Z 200323.63	P 3E 33.10	S 2					88
HPK NS2003			9.0H0.22ML		0.25 200		88
HPK EW2003			5.0H0.15ML		0.25 200		88
KBI Z 200311.59	P 2E 14.22	S 2					17
KWE Z 200315.72	P 3E 21.48	S 3					42
LLO Z 200326.41	P 3E 41.60	S 3E					112
LBO Z 200329.09	P 3E 45.05	S 3E					122
LKL Z 200330.99	P 3E 48.70	S 3E					141
LCK Z 200335.30	P 3E 55.60	S 3E					167
LMI Z 200336.40	P 3E 57.80	S 3E					176
LMI NS2003	E	E	0.8H0.40ML		0.25 200		176
LMI EW2003	E	E	1.0H0.22ML		0.25 200		176
-1							
120991LEEDS+	LD545	12.5	5.0WRIGHT	LMANSFIELD,NOTTS			1
22 630.80	446.24/ 363.74	0.3 1.1		53.169	-1.308		2
20 18 162 0.45	0.6 0.8 C C*C	COALFIELD TYPE					3
HPK Z 220646.61	P 3E 55.90	S 4					90
HPK NS2206			14.5H0.20ML		0.25 200		90
HPK EW2206			8.0H0.18ML		0.25 200		90
LWH Z 220653.39	P 3E 70.61	S 2					136
LRN Z 220654.42	P 3E						142
KBI Z 220634.41	P 2E 37.32	S 2					18
KWE Z 220637.81	P 2E 44.45	S 3					40
CWF Z 220639.29	P 3E 46.68	S 2					48
CWF NS2206			3.4H0.15ML		0.25 200		48
CWF EW2206			3.0H0.11ML		0.25 200		48
LLO Z 220649.82	P 3E 64.50	S 3					113
LBO Z 220651.72	P 3E 67.12	S 3					123
LKL Z 220654.09	P 3E 70.70	S 3					142
LCK Z 220658.25	P 3E 78.02	S 3					168
LMI Z 220659.60	P 3E 80.92	S 3					177
-1							
130991 PAISLEY+	PA 382	12.5	5.0DG	L LACKMANNAN,CENTRAL			1
17 540.30	293.65/ 694.08	0.7 1.1		56.128	-3.711		2
16 18 82 0.23	0.7 1.1 C B*C	COALFIELD TYPE					3
PCO Z 170546.00	P 2E 50.09	S 3E					29
PGB Z 170551.25	P 2EU58.69	S 2E					60
PGB NS1705			5.3H0.25ML		0.25 200		60
PGB EW1705			2.7H0.25ML		0.25 200		60
PCA Z 170551.32	P 2EU58.50	S 3E					59
PMS Z 170553.35	P 2EU						72
EBH Z 170544.31	P 2ED47.30	S 3E					18
EAU Z 170546.32	P 2ED52.12	S 3E					35
ELO Z 170547.12	P 3E 52.71	S 3E					38
EAB Z 170547.77	P 2E						40
EDI Z 170547.93	P 2EU53.40	S 3E	2.7H0.37M		0.25 200		40
EDI NS1705	E	E	3.5H0.55ML		0.25 200		40
EDI EW1705	E	E	4.0H0.56ML		0.25 200		40
-1							
140991N WALES			5.0RITCHIE	LLANRWST,GWYNEDD			1
13 422.89	285.06/ 367.92	13.0 1.3		53.196	-3.721		2
24 14 196 0.12	0.5 0.3 C A*D						3
WCB Z 130432.44	P 3E 39.51	S 2					59
WCB NS1304			14.5H0.12ML		0.25 200		59
WCB EW1304			11.0H0.12ML		0.25 200		59
YRC Z 130432.6	P 3E 39.40	S 2					57
YRE Z 130432.0	P 3E						53
WPM Z 130426.10	P 1IU						14
WLF Z 130431.00	P 2E 36.30	S 2					46
WME Z 130430.60	P 2E 35.90	S 3					45
YLL Z 130428.49	P 1IU32.33	S 2					31
WLC Z 130427.34	P 1ID30.34	S 2					23
WLC NS1304			9.1 H0.11ML		2.5 200		23
WLC EW1304			9.6 H0.15ML		2.5 200		23
WVR Z 130430.64	P 1ID35.99	S 2					45
WBR Z 130429.79	P 1ID34.42	S 2					40
WST Z 130428.46	P 2E 31.90	S 3					30
WFB Z 130433.10	P 2E						61
SBD Z 130430.64	P 3E 36.63	S 2					45
HCG Z 130439.25	P 3E						
-1							
150991 LANCS	LA 113	1331	12.5	5.0DWR	LSEDBERGH,CUMBRIA		1
6 1 1.02	363.72/ 492.85	3.9 0.1			54.330	-2.558	2
5 12 254 0.01	0.4 0.4 C A*D						3
LKL Z 060103.60	P 0ID05.51	S 2EU					13
LCK Z 060105.01	P 0IU07.88	S 2ED					21
LMI Z 060109.90	P 2E 15.92	S 3E	1.5H0.09M		0.25 200		50
LMI NS0601	E	E	1.1H0.12ML		0.25 200		50
LMI EW0601	E	E	1.5H0.10ML		0.25 200		50
-1							
-1			5.0				1
170991LEEDS+	LD546	12.5	5.0WRIGHT	LMANSFIELD,NOTTS			1
13122.11	454.14/ 364.35	1.7 1.4		53.173	-1.190		2
26 24 136 0.44	1.2 1.9 C C*C	COALFIELD TYPE, WOODHOUSE AREA					3
LHO Z 013132.32	P 2E 40.39	S 2E					61
HPK Z 013138.08	P 2E 48.30	S 2E					92
HPK NS0131			5.5H0.22ML		1.0 200		92
HPK EW0131			5.1H0.14ML		1.0 200		92
LRN Z 013146.21	3E						144
KBI Z 013126.29	P 3E 29.69	S 2					24
KWE Z 013130.12	P 1ID36.51	S 2					47
KSY Z 013130.51	P 2E						47
CWF Z 013130.61	P 2E 38.28	S 3					49
CWF NS0131			6.1H0.09ML		0.25 200		49
CWF EW0131			6.4H0.10ML		0.25 200		49
LLO Z 013142.21	P 3E 56.61	S 3					118
LBO Z 013143.81	P 3E 59.80	S 4					128
LKL Z 013145.89	P 3E 63.50	S 3					146
LCK Z 013150.48	P 3E 70.51	S 3					172
LMI Z 013151.80	P 3E 73.27	S 4					182
SBD Z 013145.90	P 3E 62.71	S 3					142
HAE Z 013148.33	P 2E 66.40	S 3					156

MCH Z 013150.82	P 3E 71.65	S 2				179
MCH NS0131			4.5H0.13ML		0.25 200	179
MCH EW0131			4.1H0.18ML		0.25 200	179
-1						
170991 PAISLEY	PA 382	12.5	5.0DG	LKILMELFORD, STRATHCLYDE		1
1957 7.11	191.04/ 714.62	5.0 0.6		56.278 -5.376		2
5 62 331 0.17	1.3 3.0 C B*D	7KM EAST OF	KILMELFORD			3
PMS Z 195717.82	P 2EU25.75	S 3E				62
PGB Z 195719.71	P 3EU28.99	S 3E				77
PGB NS1957			3.0H0.10ML		0.25 200	77
PGB EW1957			2.1H0.11ML		0.25 200	77
PCO Z 195721.48	P 3E					86
-1						
180991 LEEDS+	LD546	12.5	5.0WRIGHT	LMANSFIELD, NOTTS		1
329 1.13	453.61/ 363.01	2.5 1.9		53.161 -1.198		2
20 24 134 0.22	0.8 1.5 C B*C	COALFIELD TYPE,	WOODHOUSE AREA			3
HPK Z 032916.98	P 3E 27.91	S 2				93
HPK NS0329			6.0H0.21ML		1.00 200	93
HPK EW0329			3.5H0.16ML		1.00 200	93
LRN Z 032924.71	P 2E					146
KBI Z 032905.03	P 3E 08.59	S 3				24
KWE Z 032909.01	P 2E 15.62	S 3				45
KSY Z 032909.45	P 3E					47
CSF Z 032909.62	P 3E					46
LLO Z 032921.01	P 3E 35.65	S 3				119
LBO Z 032922.89	P 3E 38.61	S 3				129
LLY Z 032923.45	P 3E 40.00	S 3				134
LKL Z 032925.35	P 3E 42.62	S 3				148
LCK Z 032929.00	P 3E 49.31	S 3				173
LMI Z 032930.82	P 3E 52.08	S 3				183
-1						
180991 LEEDS+	LD546	12.5	5.0WRIGHT	LMANSFIELD, NOTTS		1
222558.46	451.94/ 357.12	2.8 1.4		53.108 -1.224		2
15 26 146 0.57	2.7 5.5 D*D	C COALFIELD TYPE				3
HPK Z 222615.11	P 2E 22.20	S 3				98
HPK NS2226			9.0H0.20ML		0.25 200	98
HPK EW2226			5.5H0.15ML		0.25 200	98
LWH Z 222622.08	P 3E 39.20	S 3				141
KBI Z 222602.90	P 3E 05.81	S 2				26
KSY Z 222606.30	P 3E					46
KWE Z 222606.49	P 2E 13.02	S 3				43
LLO Z 222618.41	P 3E 33.21	S 3				121
LBO Z 222620.51	P 3E 36.38	S 3				132
LKL Z 222622.87	P 3E 40.20	S 3				151
-1						
220991 LOWNET	LN 774 1547	12.5	5.0DWR	LCRIANLARICH, CENTRAL		1
19 452.31	242.20/ 731.18	2.4 1.0		56.446 -4.560		2
10 32 289 0.30	9.9 7.3 D*D					3
EAB Z 190458.05	P 2EU62.43	S 3E				32
ELO Z 190501.43	P 3E 07.85	S 3E				52
EBH Z 190504.53	P 3E 13.21	S 3E				69
EDU Z 190508.71	P 3E 20.39	S 3E				96
EDI Z 190509.95	P 3E 23.80	S 3E				103
EDI NS1905	E		E 2.9H0.19ML		0.25 200	103
EDI EW1905	E		E 2.5H0.12ML		0.25 200	103
-1						
230991 LANCS+	LA 114 1749	12.5	5.0DWR	LBISHOPDALE, N YORKS		1
162219.32	394.97/ 483.90	5.7 1.4		54.251 -2.077		2
19 26 92 0.26	0.9 1.8 C B*C	NEAR WENSLEYDALE				3
LRN Z 162224.48	P 1IU27.69	S 2EU				27
LKL Z 162224.88	P 0IU28.49	S 2EU				30
HPK Z 162227.30	P 1ID32.50	S 2E				44
LBO Z 162227.40	P 0IU32.88	S 2EU				44
LCK Z 162228.59	P 1IU34.78	S 2EU				53
LLO Z 162229.04	P 2EU35.53	S 3E				55
LMI Z 162233.08	P 2EU42.22	S 3E				80
LMI NS1622	E		E 5.2H0.10ML		1.0 200	80
LMI EW1622	E		E 4.6H0.10ML		1.0 200	80
LHO Z 162233.22	P 3E					80
XAL Z 162231.28	P 3E 40.21	S 3E				69
XDE Z 162235.71	P 3E 47.09	S 3E				96
ESK Z 162242.70	P 3E 58.50	S 3E				139
ESK NS1622	E		E 5.6H0.10ML		0.25 200	139
ESK EW1622	E		E 7.5H0.10ML		0.25 200	139
GCD Z 1622	58.77	S 3E				139
GAL Z 1622	66.93	S 3E				184
GAL NS1622	E		E 3.8H0.12ML		0.25 200	184
GAL EW1622	E		E 2.5H0.12ML		0.25 200	184
-1						
240991 LANCS+	LA 114 1885	12.5	5.0DWR	LDUMFRIES, D & G		1
21713.07	297.42/ 578.22	5.9 1.4		55.088 -3.607		2
20 32 105 0.21	0.8 4.1 C B*C					3
LCK Z 021729.80	P 3E 40.82	S 2E				94
LMI Z 021730.47	P 3E 41.63	S 3E	5.0H0.09M		0.25 200	99
LMI NS0217	E		E 5.9H0.11ML		0.25 200	99
LMI EW0217	E		E 11.8H0.11ML		0.25 200	99
GCD Z 021718.54	P 2EU23.05	S 3E				33
ECK Z 021718.75	P 1IU22.71	S 3E				32
ESK Z 021719.24	P 0IU23.59	S 3E	3.6H0.18M		1.0 200	36
ESK NS0217	IU		E 6.0H0.12ML		1.0 200	36
ESK EW0217	IU		E 10.2H0.12ML		1.0 200	36
PCA Z 021726.70	P 2EU35.72	S 3E				80
PGB Z 021729.79	P 3EU41.29	S 3E				98
PGB NS0217			12.7H0.17ML		0.25 200	98
PGB EW0217			11.5H0.20ML		0.25 200	98
PCO Z 021731.26	P 3E 42.40	S 3E				105
PMS Z 021732.20	P 3E 45.91	S 4E				111
XSO Z 021729.70	P 3E					97
XAL Z 021728.71	P 3E					93
EBL Z 021727.42	P 2EU36.89	S 2E				84
EAU Z 021727.85	P 2E 38.20	S 3E				85
EDI Z 021729.61	P 3E 41.22	S 3E				97
EDI NS0217	E		E 6.8H0.19ML		0.25 200	97

EDI EW0217		E		E	9.2H0.20ML		0.25 200	97
-1								
240991 ESK	ES 547		12.5		5.0DG	LDUMFRIES, D & G		1
44041.47	298.60/ 580.26		7.8 0.5			55.106 -3.590		2
4 31 332 0.01	0.0 0.0 C A*D							3
ECK Z 044047.08	P 3E 51.15			S 3E				31
ESK Z 044047.57	P 1IU52.00			S 3E				34
ESK NS0440					5.0H0.14ML		0.25 200	34
ESK EW0440					5.9H0.13ML		0.25 200	34
-1								
250991HEREFORD+	HF647		12.5		5.0WRIGHT	LMANSFIELD, NOTTS		1
24912.47	445.52/ 362.22		1.3 1.4			53.155 -1.319		2
22 18 192 0.49	1.7 1.8 D C*D COALFIELD TYPE							3
SBD Z 024934.51	P 3E							133
HAE Z 024937.63	P 2E							150
MCH Z 024940.79	P 3E 60.21			S 3				172
MCH NS0249					3.4H0.10ML		0.25 200	172
MCH EW0249					6.0H0.12ML		0.25 200	172
HTR Z 024941.69	P 4E							178
HCG Z 024940.90	P 3E							183
KBI Z 024916.69	P 2ED18.80			S 2				18
KWE Z 024919.49	P 2ED24.50			S 3				38
CWF Z 024920.47	P 3E 27.60			S 3				46
CWF NS0249					6.0H0.12ML		0.25 200	46
CWF EW0249					5.6H0.12ML		0.25 200	46
HPK Z 024927.50	P 3E 38.32			S 2				91
HPK NS0249					18.5H0.20ML		0.25 200	91
HPK EW0249					16.0H0.18ML		0.25 200	91
LLO Z 024931.80	P 3E 46.08			S 3E				113
LBO Z 024933.32	P 3E 48.92			S 3E				124
LKL Z 024935.90	P 3E 53.69			S 3E				143
LCK Z 024939.50	P 3E 59.58			S 3E				169
LMI Z 024941.30	P 3E 63.60			S 3E				177
LMI NS0249	E			E	2.5H0.20ML		0.25 200	177
LMI EW0249	E			E	2.4H0.31ML		0.25 200	177
-1								
260991HEREFORD+	HF647		12.5		5.0WRIGHT	LMANSFIELD, NOTTS		1
51548.05	446.77/ 360.73		7.8 1.1			53.141 -1.301		2
12 20 163 0.28	1.4 6.0 C C*C COALFIELD TYPE, STANTON HILL AREA							3
LHO Z 051557.20	P 3E 64.81			S 3				49
HPK Z 051603.78	P 2E 14.17			S 2				83
HPK NS0516					15.0H0.20ML		0.25 200	83
HPK EW0516					9.0H0.19ML		0.25 200	83
LWH Z 051610.21	P 3E							131
LRN Z 051611.70	P 3E							136
KBI Z 051552.10	P 2E 54.48			S 3				20
KWE Z 051555.20	P 2E 59.70			S 3				39
CWF Z 051555.91	P 3E 61.20			S 3				45
CWF NS0515					4.5H0.18ML		0.25 200	45
CWF EW0515					5.0H0.10ML		0.25 200	45
-1								
260991KEYWORTH+	455.01/ 362.52		7.1 1.4		5.0WRIGHT	LMANSFIELD, NOTTS		1
234158.88	1.3 4.5 C B*C COALFIELD TYPE					53.157 -1.177		2
10 26 137 0.28								3
KBI Z 234203.69	P 1IU07.80			S 3				26
KWE Z 234206.48	P 3E 12.89			S 3				47
KSY Z 234206.70	P 3E 12.42			S 3				45
HPK Z 234214.85	P 3E 25.30			S 2				97
HPK NS2342					10.5H0.18ML		0.25 200	97
HPK EW2342					9.5H0.18ML		0.25 200	97
LLO Z 234219.07	P 3E							120
LBO Z 234220.11	P 3E 37.15			S 3E				130
LKL Z 234222.70	P 3E 40.30			S 3E				148
LCK Z 234227.00	P 3E 46.10			S 3E				174
LMI Z 234228.05	P 3E 50.50			S 3E				184
LMI NS2342	E			E	1.7H0.30ML		0.25 200	184
LMI EW2342	E			E	1.1H0.20ML		0.25 200	184
-1								
270991 PAISLEY+	PA 384		12.5		5.0DG	LLOCH NEVIS, HIGHLAND		1
81844.41	170.28/ 798.66		5.7 2.2			57.022 -5.785		2
13 12 180 0.11	0.8 1.0 B A*C SMALL AFTERSHOCKS 08:20 & 08:22 GMT							3
PMS Z 081908.81	P 1IU24.20			S 2E				146
PCO Z 081909.19	P 3E 24.39			S 2E				155
PGB Z 081910.23	P 3EU26.13			S 3E				157
PGB NS0819					5.5H0.20ML		1.0 200	157
PGB EW0819					5.5H0.21ML		1.0 200	157
PCA Z 081911.63	P 2EU28.55			S 3E				175
ESK Z 081921.08	P 2EU47.40			S 3E				248
ESK NS0819					7.5H0.15ML		1.0 200	248
ESK EW0819					6.3H0.22ML		1.0 200	248
ECK Z 081922.96	P 2EU							263
XSO Z 081925.22	P 2EU							277
KPL Z 081850.32	P 1IU							36
KPL NS0818				S	9.0H0.16ML		1.0 200	36
KPL EW0818	54.68			S 2E	12.0H0.12ML		1.0 200	36
KNR Z 081853.44	P 1EU59.76			S 3E				54
KAR Z 081846.48	P 1IU48.20			S 3E				12
KSB Z 081849.32	P 1E							30
KAC Z 081854.32	P 2E							61
EAB Z 081905.55	P 4E 20.91			S 4E	6.0H0.10M		1.0 200	129
ELO Z 081907.59	P 4E 24.81			S 4E	4.5H0.10M		1.0 200	141
EBH Z 081911.53	P 4E 30.79			S 4E	4.0H0.10M		1.0 200	164
EDU Z 081913.82	P 4E 33.63			S 4E				177
-1								
270991 KYLE+	170.90/ 798.44		6.6 0.6		5.0PCM	LLOCH NEVIS, HIGHLAND		1
82316.55	0.8 1.4 B A*C AFTERSHOCK; SMALLER AFTER -SHOCK 08:26 GMT					57.020 -5.775		2
11 12 175 0.12								3
KPL Z 082322.76	P 2E							36
KPL NS0823	27.12			S 3E	05.0H0.14ML		0.25 200	36
KPL EW0823	27.12			S 3E	07.5H0.12ML		0.25 200	36
KNR Z 0823	32.12			S 3E				54
KAR Z 082318.86	P 1IU20.56			S 2E				12
KSB Z 082321.88	P 2E 25.55			S 3E				30

EAB Z 082338.32	P 3E 52.44	S 3E 3.3HO.09M	0.25	200	128
ELO Z 082340.01	P 3E 56.82	S 3E 2.4HO.10M	0.25	200	140
270991 LOWNET+	LN 775	12.5	5.0DWR	LLOCH NEVIS,HIGHLAND	1
83019.22	170.31/ 799.01	3.8 0.4	57.025	-5.785	2
10 12 180 0.19	1.3 3.6 C B*C	AFTERSHOCK; 9	SMALLER A/S (08:32	- 12:42 GMT)	3
EAB Z 083040.50	P 3E 55.28	S 3E 2.5HO.10M	0.25	200	129
ELO Z 083042.68	P 3E 59.25	S 3E 2.6HO.10M	0.25	200	141
KAR Z 083021.36	P 1IU23.00	S 3E			12
KSB Z 083024.71	P 2E 27.98	S 2E			30
KPL Z 083025.59	P 2E 29.67	S 2E			36
KPL NS0830	E 29.67	S E 5.6HO.10ML	0.25	200	36
KPL EW0830	E	E 6.0HO.11ML	0.25	200	36
270991LEEDS+	LD547	12.5	5.0WRIGHT	LMANSFIELD,NOTTS	1
205611.65	452.68/ 365.62	5.3 1.5	53.185	-1.212	2
18 23 136 0.28	0.8 2.0 C B*C	COALFIELD TYPE			3
LHO Z 205622.55	P 3E 28.25	S 2			59
HPK Z 205626.65	P 3E 37.38	S 3			90
HPK NS2056			7.5HO.20ML	1.0	200
HPK EW2056			4.0HO.18ML	1.0	200
LRN Z 205634.88	P 3E 52.12	S 3			142
LCP Z 2056	58.33	S 4			174
KBI Z 205615.70	P 3E 19.10	S 2			23
KWE Z 205619.40	P 3E 26.00	S 2			46
KSY Z 205620.19	P 3E 26.38	S 2			49
CWF Z 205620.70	P 3E 26.58	S 3			50
CWF NS2056			11.0HO.13ML	0.25	200
CWF EW2056			5.0HO.21ML	0.25	200
LLO Z 205631.05	P 3E 46.10	S 3E			116
LBO Z 205633.50	P 3E 49.03	S 3E			126
LKL Z 205635.69	P 3E 52.85	S 3E			145
LCK Z 205638.90	P 3E 59.60	S 3E			171
LMI Z 205641.00	P 3E 63.20	S 3E			180
LMI NS2056	E	E 2.4HO.35ML	0.25	200	180
LMI EW2056	E	E 2.1HO.22ML	0.25	200	180
270991N WALES			5.0RITCHIELLEYN,GYWNEDD		1
2328 1.87	238.56/ 344.33	22.2 1.4	52.972	-4.404	2
24 2 82 0.09	0.3 0.6 A A*A	LLEYN AFTERSHOCK			3
WCB Z 232810.33	P 2E 15.90	S 3			46
WCB NS2328			5.6HO.06ML	1.0	200
WCB EW2328			7.5HO.06ML	1.0	200
YRC Z 232808.34	P 2E 12.70	S 2			33
YRE Z 232805.41	P 1ID				2
WPM Z 232810.07	P 2E				46
WLF Z 232808.42	P 3E 13.05	S 3			35
WME Z 232810.30	P 3E 16.14	S 3			48
YLL Z 232807.16	P 1IU10.80	S 3			24
WLC Z 232809.67	P 1ID15.09	S 3			42
WLC NS2328			8.0 HO.12ML	2.5	200
WLC EW2328			11.0HO.07ML	2.5	200
YRH Z 232806.88	P 1IU10.31	S 3			22
WVR Z 232811.62	P 2E 18.30	S 3			57
WBR Z 232808.73	P 1ID13.52	S 3			37
WST Z 232807.69	P 1ID11.79	S 3			28
WFB Z 232809.30	P 2E 14.50	S 3			41
011091 LOWNET+	LN 775	12.5	5.0DWR/DG	LCLACKMANNAN,CENTRAL	1
41848.58	293.02/ 693.71	2.2 1.2	56.124	-3.721	2
18 19 80 0.15	0.4 0.6 B A*C	COALFIELD TYPE			3
EBH Z 041852.30	P 1ID55.38	S 3E			19
EAU Z 041855.01	P 2EU60.05	S 3E			35
EAB Z 041855.60	P 2EU60.69	S 3E			39
ELO Z 041855.61	P 2ED60.70	S 3E			39
EDI Z 041855.90	P 1ID61.00	S 3E	7.8HO.18M	0.25	200
EDI NS0418	IU	E 4.5HO.19ML	0.25	200	40
EDI EW0418	ID	E 6.9HO.42ML	0.25	200	40
EDU Z 041859.92	P 3E 68.37	S 3E			64
PCO Z 041853.95	P 1IU58.92	S 3			28
PCA Z 041858.93	P 3E 66.28	S 3			58
PGB Z 041859.21	P 2E 66.67	S 3			59
PGB NS0418			11.2HO.28ML	0.25	200
PGB EW0418			6.2HO.23ML	0.25	200
PMS Z 041901.28	P 3E				71
ESK Z 041905.91	P 3E 15.78	S 3			96
ESK NS0419			4.9HO.17ML	0.25	200
ESK EW0419			5.0HO.20ML	0.25	200
ECK Z 041908.00	P 2ED21.10	S 3			111
XSO Z 041909.40	P 2ED24.33	S 2			116
021091LEEDS	LD548	12.5	5.0WRIGHT	LTHURCROFT,S YORKSHIRE	1
43420.04	453.31/ 389.62	2.5 1.7	53.400	-1.198	2
24 27 122 0.32	0.8 1.0 C C*C	COALFIELD TYPE			3
HPK Z 043430.98	P 3E 39.42	S 3			68
HPK NS0434			8.5HO.18ML	1.0	200
HPK EW0434			7.3HO.20ML	1.0	200
LWH Z 043438.50	P 3E 51.48	S 3			110
LRN Z 043439.73	P 3E 54.80	S 3			120
KBI Z 043424.60	P 3E				27
KWE Z 043430.80	P 3E 38.48	S 3			61
KSY Z 043431.12	P 2E 38.91	S 2			63
CWF Z 043432.90	P 3E 42.72	S 3			74
CWF NS0434			9.5HO.18ML	0.25	200
CWF EW0434			11.5HO.16ML	0.25	200
LLO Z 043436.38	P 2E 50.21	S 3E			103
LBO Z 043437.80	P 3E 51.61	S 3E			111
LKL Z 043440.69	P 2EU55.21	S 4E			127
LCK Z 043444.65	P 2EU62.68	S 3E			153
LMI Z 043446.82	P 3E 66.52	S 3E			166
LMI NS0434	E	E 3.9HO.18ML	0.25	200	166
LMI EW0434	E	E 4.7HO.22ML	0.25	200	166
XAL Z 043448.59	P 1EU69.42	S 4			176

XDE Z 043450.75	P 3E 75.08	S 4				194
-1						
021091HEREFORD	HF648	12.5	5.0	WRIGHT	LRAGLAN, GWENT	1
84834.71	337.30/ 207.28	23.4 0.5			51.760 -2.909	2
9 15 172 0.11	0.9 1.2 B A*C					3
HGH Z 084839.42	P 1ID42.49	S 1				15
MCH Z 084840.45	P 3E 44.90	S 1				27
MCH NS0848			7.5	H0.06ML	1.0 200	27
MCH EW0848			4.0	H0.07ML	1.0 200	27
HAE Z 084842.21	P 1ID47.50	S 2				40
HTR Z 084842.52	P 3E 48.41	S 2				43
HLM Z 084848.64	P 3E 58.08	S 3				84
-1						
031091HEREFORD+		12.5	5.0	WRIGHT	LPILSLEY, NOTTS	1
113 3.87	444.08/ 363.79	0.1 1.0			53.169 -1.341	2
8 16 230 0.15	1.5 1.6 C B*D	COALFIELD TYPE, WEST OF			MANSFIELD	3
SBD Z 011325.81	P 3E 42.41	S 3				132
MCH Z 011327.72	P 4E 51.38	S 3				172
MCH NS0113			3.0	H0.11ML	0.25 200	172
MCH EW0113			4.2	H0.10ML	0.25 200	172
HAE Z 011328.40	P 4E					150
HLM Z 0113	42.58	S 4				127
KBI Z 011307.54	P 3E 10.82	S 4				16
KWE Z 011311.21	P 2E 16.29	S 3				38
CWF Z 011312.75	P 3E 19.65	S 3				48
CWF NS0113			3.5	H0.19ML	0.25 200	48
CWF EW0113			4.0	H0.15ML	0.25 200	48
-1						
041091KYLE		12.5	5.0	PCM/DWR	LLOCH NEVIS, HIGHLAND	1
64044.50	170.55/ 799.43	4.3 1.7			57.029 -5.782	2
14 13 179 0.36	1.6 2.7 C C*C					3
KPL Z 064051.01	P 1IU					35
KPL NS0640	55.44	S 2E	11.0	H0.12ML	1.0 200	35
KPL EW0640			09.0	H0.15ML	1.0 200	35
KNR Z 0640	60.48	S 3E				55
KAR Z 064047.20	P 1IU48.76	S 2E				13
KSB Z 064050.16	P 2E 53.80	S 2E				30
KAC Z 064056.20	P 3E 63.88	S 3E				60
EAB Z 064106.30	P 2E 21.53	S 3E				129
ELO Z 064108.23	P 3E 25.10	S 3E				141
EBH Z 064112.01	P 3E 28.90	S 4E				165
EDI Z 064121.3	P 4E 41.69	S 4E				202
EDI NS0641	E	E	5.0	H0.28ML	0.25 200	202
EDI EW0641	E	E	6.6	H0.20ML	0.25 200	202
EDU Z 064120.5	P 4E 41.69	S 4E				177
-1						
041091N WALES		12.5	5.0	RITCHIE	DULAS, ANGLESEY	1
153426.29	247.12/ 389.70	18.4 0.8			53.382 -4.299	2
17 2 75 0.12	0.6 0.5 A A*A	NORTHEAST ANGLESEY				3
WCB Z 153430.48	P 1IU33.00	S 1				17
WCB NS1534			14.6	H0.05ML	2.5 200	17
WCB EW1534			13.0	H0.04ML	2.5 200	17
YRC Z 153431.19	P 1IU					24
YRE Z 153434.50	P 3E					45
WLF Z 153429.73	P 1IU32.28	S 2				12
WME Z 153429.40	P 1IU31.48	S 2				2
WIM Z 153441.00	P 3E					89
YLL Z 153431.68	P 1ID					28
SBD Z 153440.69	P 2E 50.85	S 2				88
HCG Z 153446.57	P 3E					126
HLM Z 153447.99	P 3E					135
WPM Z 153431.92	P 3E					30
LMI Z 153444.57	P 3E					114
LBO Z 153447.20	P 3E					132
-1						
081091KEYWORTH+		12.5	5.0	WRIGHT	LSHIREBROOK, NOTTS	1
15529.63	452.27/ 367.90	0.2 1.1			53.205 -1.217	2
12 21 262 0.47	4.3 3.3 D C*D	COALFIELD TYPE, NORTH OF			MANSFIELD	3
KBI Z 015533.62	P 3E 37.60	S 2				22
KWE Z 015537.53	P 3E 44.60	S 3				47
CWF Z 015539.69	P 3E 46.30	S 3				52
CWF NS0155			3.4	H0.19ML	0.25 200	52
CWF EW0155			4.5	H0.12ML	0.25 200	52
SBD Z 015553.55	P 3E 70.00	S 3				141
HLM Z 015552.91	P 3E 69.82	S 3				136
MCH Z 015559.10	P 3E 80.45	S 3				181
MCH NS0155			2.0	H0.11ML	0.25 200	181
MCH EW0155			4.1	H0.19ML	0.25 200	181
-1						
091091KEYWORTH+		12.5	5.0	WRIGHT	LMANSFIELD, NOTTS	1
2 337.48	448.05/ 363.11	7.6 1.2			53.163 -1.281	2
14 19 98 0.28	0.9 5.4 C C*C	COALFIELD TYPE, NEWBOUND			FARM AREA	3
KBI Z 020341.25	P 3E 44.02	S 3				19
KWE Z 020344.61	P 3E 49.70	S 2				41
KSY Z 020346.00	P 3E 52.55	S 3				52
CWF Z 020346.05	P 3E 51.80	S 3				47
CWF NS0203			5.0	H0.11ML	0.25 200	47
CWF EW0203			6.0	H0.12ML	0.25 200	47
LHO Z 020346.65	P 3E 53.79	S 3				57
HPK Z 020352.65	P 2E 63.59	S 2				91
HPK NS0203			15.0	H0.21ML	0.25 200	91
HPK EW0203			10.0	H0.19ML	0.25 200	91
LWH Z 020359.55	P 2E 74.38	S 3				136
-1						
091091KEYWORTH+		12.5	5.0	WRIGHT	LMANSFIELD, NOTTS	1
232028.59	454.94/ 364.73	0.5 1.3			53.177 -1.178	2
19 25 140 0.38	1.2 1.8 C C*C	COALFIELD TYPE				3
KBI Z 232033.60	P 3E 36.90	S 3				25
KWE Z 232036.62	P 3E 43.25	S 3				48
KSY Z 232037.03	P 3E					46
CWF Z 232038.21	P 3E 44.99	S 3				50
CWF NS2320			4.0	H0.11ML	0.25 200	50
LHO Z 232039.00	P 3E 46.21	S 4				61

HPK Z 232044.69	P 2E 55.70	S 3				92
HPK NS2320			14.2HO.20ML		0.25 200	92
HPK EW2320			9.0HO.23MLL		0.25 200	92
HLM Z 232051.58	P 3E 69.20	S 4				137
SBD Z 232052.59	P 3E 70.18	S 3				143
HAE Z 232055.16	P 3E 73.28	S 3				157
MCH Z 232058.33	P 3E 78.88	S 3				180
MCH NS2320			3.0HO.21ML		0.25 200	180
MCH EW2320			5.5HO.19ML		0.25 200	180
HTR Z 232058.92	P 3E 78.65	S 4				187
HCG Z 232059.79	P 3E					193
CWF EW2320			4.5HO.10ML		0.25 200	50
-1						
101091KEYWORTH		12.5	5.0WRIGHT	LSHIREBROOK,NOTTS		1
13256.79	453.39/ 367.27	1.0 0.5		53.200	-1.201	2
8 23 197 0.40	2.7 3.1 D C*D	COALFIELD TYPE				3
KBI Z 013302.31	P 3E 04.21	S 3				23
KWE Z 013305.45	P 3E 12.07	S 3				48
KSY Z 013305.74	P 3E 12.25	S 3				49
CWF Z 013305.95	P 3E 13.64	S 3				52
CWF NS0133			2.4HO.15ML		0.25 200	52
CWF EW0133			3.0HO.10ML		0.25 200	52
-1						
101091KEYWORTH+	KW184	12.5	5.0WRIGHT	LGT LONGSTON,DERBYSHIRE		1
550 0.20	421.46/ 372.27	4.4 1.5		53.247	-1.678	2
10 10 118 0.74	4.8 9.2 D D*C	COALFIELD TYPE				3
KBI Z 055001.50	P 2E 04.75	S 2				10
KWE Z 055004.58	P 2E 09.54	S 2				28
LHO Z 055006.78	P 3E					35
HPK Z 055012.55	P 3E 23.50	S 3				79
HPK NS0550			14.0HO.21ML		0.25 200	79
HPK EW0550			9.0HO.18ML		0.25 200	79
SBD Z 055019.59	P 3E					113
MCH Z 055025.50	P 3E 46.05	S 3				165
MCH NS0550			2.5HO.12ML		0.25 200	165
MCH EW0550			4.6HO.19ML		0.25 200	165
-1						
101091 ESK	ES 549	12.5	5.0DG	LCOCKERMOUTH,CUMBRIA		1
827 7.51	314.06/ 528.37	7.1 1.1		54.643	-3.332	2
21 18 64 0.36	0.9 1.8 C C*C					3
XDE Z 082711.07	P 1IU13.40	S 3				18
ECK Z 082718.30	P 3E 25.20	S 3				61
ESK Z 082720.39	P 3E 29.05	S 3				75
ESK NS0827			7.1HO.13ML		0.25 200	75
ESK EW0827			11.4HO.10ML		0.25 200	75
XAL Z 082720.46	P 3E 29.55	S 3				76
GCD Z 082715.42	P 2E 20.98	S 2				46
GIM Z 082721.92	P 1ID31.74	S 2				83
GAL Z 082723.18	P 3E 33.40	S 3				92
GAL NS0827			5.6HO.08ML		0.25 200	92
GAL EW0827			3.9HO.08ML		0.25 200	92
LCK Z 082714.95	P 3E 20.12	S 3				43
LMI Z 082715.64	P 2EU21.18	S 3				47
LMI NS0827			9.1HO.17ML		0.25 200	47
LMI EW0827			9.0HO.15ML		0.25 200	47
LKL Z 082719.20	P 2ED27.55	S 3				70
LBO Z 082722.69	P 3E					89
-1						
111091KEYWORTH+			5.0WRIGHT	LBRAMLEY VALE,NOTTS		1
35350.58	447.02/ 367.25	0.5 1.0		53.200	-1.296	2
8 17 195 0.33	1.9 2.5 D C*D	COALFIELD TYPE				3
KBI Z 035354.49	P 2E 57.09	S 2				17
KWE Z 035357.69	P 3E 64.25	S 2				42
CWF Z 035359.81	P 3E 67.82	S 3				51
CWF NS0353			2.5HO.15ML		0.25 200	51
CWF EW0353			3.0HO.12ML		0.25 200	51
HPK Z 035405.31	P 3E 16.51	S 2				87
HPK NS0354			10.5HO.16ML		0.25 200	87
HPK EW0354			9.0HO.15ML		0.25 200	87
-1						
111091 LOWNET	LN777	12.5	5.0DWR	LCLACKMANNAN,CENTRAL		1
43639.38	292.90/ 694.11	0.6 1.5		56.128	-3.723	2
20 19 81 0.11	0.3 0.4 B A*C	COALFIELD TYPE				3
EBH Z 043643.39	P 0ID46.41	S 2EU				19
EAU Z 043646.21	P 0ID51.08	S 3E				36
ELO Z 043646.67	P 2E 51.81	S 2EU				38
EAB Z 043646.78	P 1IU51.91	S 3E				39
EDI Z 043647.03	P 0ID52.70	S 2E	4.5HO.50M		0.25 200	41
EDI NS0436	IU		EU 4.0HO.70ML		0.25 200	41
EDI EW0436	ID52.70	S	EU 3.0HO.80ML		0.25 200	41
EBL Z 043649.70	P 2ED					58
EDU Z 043650.99	P 2EU59.47	S 2EU				64
ESK Z 043656.40	P 3E 67.88	S 2				96
ESK NS0436			7.4HO.24ML		0.25 200	96
ESK EW0436			7.0HO.24ML		0.25 200	96
ECK Z 043658.78	P 1EU72.41	S 2				112
XSO Z 043700.19	P 3E 15.60	S 2				116
PCO Z 043645.03	P 1IU49.90	S 3				28
PCA Z 043650.00	P 2ED57.39	S 3				58
PGB Z 043650.19	P 2E 57.90	S 1				59
PGB NS0436			18.5HO.26ML		0.25 200	59
PGB EW0436			10.0HO.25ML		0.25 200	59
PMS Z 043652.27	P 2E					71
GAL Z 043705.43	P 3E 23.42	S 1				154
GAL NS0437			13.0HO.32ML		0.25 200	154
-1						
111091KEYWORTH+	KW184	12.5	5.0WRIGHT	LRANSKILL,NOTTS		1
195648.88	465.09/ 388.48	3.4 1.3		53.389	-1.021	2
8 37 227 0.15	1.3 1.9 C B*D	COALFIELD TYPE				3
KBI Z 195655.18	P 3E 60.52	S 2				37
KWE Z 195700.81	P 3E 09.33	S 3				69
CWF Z 195701.68	P 3E 10.65	S 3				75
CWF NS1957			11.5HO.08ML		0.25 200	75

CWF EW1957				15.5H0.09ML	0.25	200	75
HPK Z 195701.72	P 3E	10.73	S 3				75
-1							
121091KEYWORTH+	KW184		12.5	5.0WRIGHT	LTEVERSAL,NOTTS		1
0 734.49	447.29/	362.65	5.6 1.2		53.159	-1.293	2
11 19 194 0.26	1.3	1.7 C B*D	COALFIELD TYPE				3
KBI Z 000738.27	P 3E	41.18	S 2				19
KWE Z 000741.73	P 3E	46.82	S 3				40
CWF Z 000742.32	P 3E	49.00	S 3				47
CWF NS0007				4.0H0.11ML	0.25	200	47
CWF EW0007				5.0H0.11ML	0.25	200	47
LHO Z 000743.88	P 3E	51.43	S 2				57
HPK Z 000749.75	P 3E	60.40	S 3				91
HPK NS0007				17.5H0.20ML	0.25	200	91
HPK EW0007				9.5H0.20ML	0.25	200	91
LRN Z 000758.30	P 3E	77.00	S 3				144
-1							
141091KEYWORTH+	KW184		12.5	5.0WRIGHT	LWORKSOP,NOTTS		1
14046.15	459.01/	385.79	5.6 1.3		53.365	-1.113	2
11 30 127 0.43	1.9	4.1 C C*C	COALFIELD TYPE, CARLTON-				3
KBI Z 014051.50	P 3E	56.20	S 2				30
KSY Z 014055.34	P 3E	63.05	S 3				57
CWF Z 014057.92	P 3E	66.98	S 2				71
CWF NS0140				10.0H0.08ML	0.25	200	71
CWF EW0140				13.0H0.08ML	0.25	200	71
HPK Z 014058.51	P 3E	67.10	S 2				74
HPK NS0140				3.5H0.18ML	1.0	200	74
HPK EW0140				3.0H0.18ML	1.0	200	74
LWH Z 014105.10	P 3E	18.40	S 3				112
LRN Z 014107.11	P 3E	22.92	S 4				125
-1							
151091KEYWORTH+	KW184		12.5	5.0WRIGHT	LTIBSHELF,NOTTS		1
4 1 0.86	444.45/	361.89	0.2 0.4		53.152	-1.335	2
12 17 159 0.17	0.6	0.8 C B*C	COALFIELD TYPE, WEST OF				3
KBI Z 040103.90	P 3E	07.75	S 3				17
KWE Z 040108.19	P 3E	13.21	S 3				37
CWF Z 040109.51	P 3E	15.89	S 3				46
CWF NS0401				3.6H0.10ML	0.25	200	46
CWF EW0401				4.0H0.10ML	0.25	200	46
LHO Z 040110.75	P 3E	18.48	S 3				56
LWH Z 040123.80	P 2E	40.92	S 2				139
LRN Z 040124.54	P 3E	42.65	S 3				144
-1							
151091 LOWNET	LN 777		12.5	5.0DWR	LCOMRIE,TAYSIDE		1
429 2.33	276.70/	724.60	5.6 0.1		56.398	-3.998	2
6 19 203 0.21	1.4	1.6 C B*D	MAGNITUDE FROM VERTICALS				3
ELO Z 042906.29	P 1U08.59		S 2E	4.7H0.11ML	0.25	200	19
EAB Z 042908.28	P 2E	12.19	S 3E	3.4H0.10ML	0.25	200	32
EBH Z 042908.90	P 2ED12.98		S 3E	10.1H0.10ML	0.25	200	35
-1							
151091KEYWORTH+	KW184		12.5	5.0WRIGHT	LCHESTERFIELD,DERBS		1
52755.62	431.90/	374.48	0.1 1.4		53.266	-1.522	2
6 1 173 0.09	0.6	0.3 B A*C	COALFIELD TYPE				3
KBI Z 052755.80	P 3E	58.98	S 4				1
KWE Z 0527	P 3E	67.53	S 3				35
LHO Z 052803.08	P 2E						38
HPK Z 052809.28	P 3E	19.13	S 2				77
HPK NS0528				8.8H0.20ML	0.25	200	77
HPK EW0528				9.5H0.15ML	0.25	200	77
LWH Z 052816.80	P 3E	33.72	S 2				131
-1							
161091 LOWNET	LN 777		12.5	5.0DWR	LCLACKMANNAN,CENTRAL		1
21532.12	292.58/	693.84	2.2 0.8		56.125	-3.728	2
8 19 157 0.15	0.7	1.2 C B*C	COALFIELD TYPE				3
EBH Z 021535.59	P 3E	38.82	S 3E				19
EAB Z 021539.21	P 3E	44.30	S 3E				39
ELO Z 021539.22	P 3E	44.30	S 3E				39
EDI Z 021539.78	P 3E	44.81	S 3E	3.6H0.18M	0.25	200	41
EDI NS0215	E		E	3.8H0.20ML	0.25	200	41
EDI EW0215	E		E	4.5H0.30ML	0.25	200	41
-1							
161091KEYWORTH	KW185		12.5	5.0WRIGHT	LHUTHWAITE,NOTTS		1
235622.82	447.47/	359.89	0.3 0.6		53.134	-1.290	2
6 21 231 0.15	1.8	1.9 C B*D	COALFIELD TYPE, SUTTON				3
KBI Z 235627.25	P 2E	30.43	S 3				21
KWE Z 235630.48	P 2E	35.70	S 2				39
CWF Z 235630.89	P 3E	37.40	S 3				44
CWF NS2356				2.9H0.15ML	0.25	200	44
CWF EW2356				4.1H0.18ML	0.25	200	44
-1							
171091 LOWNET	LN 778		12.5	5.0DWR	LLOCH FYNE,STRATHCLYDE		1
154531.67	188.39/	675.21	6.1 1.0		55.923	-5.387	2
4 72 354 0.10	0.0	0.0 C A*D					3
EAB Z 154543.71	P 2E	52.30	S 3E	3.5H0.24ML	0.25	200	72
ELO Z 154551.30	P 3E	65.78	S 3E	2.3H0.11ML	0.25	200	121
-1							
181091KEYWORTH+	KW185		12.5	5.0WRIGHT	LSHIREBROOK,NOTTS		1
235 2.17	450.60/	366.13	0.1 1.2		53.190	-1.243	2
10 20 136 0.60	2.1	3.5 D D*C	COALFIELD TYPE				3
KBI Z 023506.14	P 3E	09.49	S 3				20
KWE Z 023510.02	P 2E	16.51	S 2				45
KSY Z 023510.41	P 3E	18.53	S 3				51
CWF Z 023511.92	P 3E	19.42	S 3				50
CWF NS0235				4.0H0.10ML	0.25	200	50
CWF EW0235				5.0H0.13ML	0.25	200	50
HPK Z 023518.60	P 3E	28.95	S 2				89
HPK NS0235				3.5H0.17ML	1.00	200	89
HPK EW0235				4.5H0.15ML	1.00	200	89
-1							
181091 LANCS	LA 118	262	12.5	5.0DWR	LHOYLAKE,MERSEYSIDE		1
43142.93	321.79/	392.58	11.6 1.1		53.424	-3.177	2
25 52 145 0.34	1.0	2.5 D C*D					3
LLO Z 043153.22	P 2E	60.91	S 2E		0.25	200	63

LBO Z 043154.81	P 2E	64.32	S 2E				74
LMI Z 043157.71	P 3E	67.50	S 3E	4.4H0.29M	0.25	200	89
LMI NS0431	E		E	5.1H0.11ML	0.25	200	89
LMI EW0431	E		E	7.4H0.16ML	0.25	200	89
LKL Z 043158.70	P 3E	69.70	S 3E				98
WLC Z 043153.57	P 1ID	61.15	S 3				62
WCB Z 0431		68.41	S 2				91
YRE Z 0431		69.31	S 2				97
WPM Z 043151.99	P 2E	58.38	S 3				52
WLF Z 043156.80	P 3E						83
WME Z 043155.52	P 3E						75
YLL Z 043155.10	P 3E	63.58	S 2				73
WLC NS0431				5.1 H0.09ML	0.25	200	62
WLC EW0431				9.0 H0.11ML	0.25	200	62
WVR Z 043155.50	P 2E	63.10	S 3				75
WBR Z 043155.75	P 3E						79
WST Z 043155.17	P 3E						74
WFB Z 043158.68	P 2E						101
SBD Z 043152.57	P 2E	60.02	S 2				58
-1							
201091 LOWNET+	LN 778		12.5	5.0DWR		RCENTRAL NORTH SEA	1
	242 9.72	725.20/ 745.05	5.0 2.9			56.485 3.284	2
	12325 215 0.35	11.4 9.0 D D*D					3
EDI Z 024305.45	P 3E	46.58	S 3E	2.0H0.55M	0.25	200	407
EDI NS0243	E		E	3.1H0.40ML	0.25	200	407
EDI EW0243	E		E	2.6H0.48ML	0.25	200	407
EBH Z 024306.72	P 3E						420
EAU Z 024307.95	P 3E						424
EAB Z 024312.63	P 3E						473
XSO Z 024259.77	P 3E						363
XAL Z 024303.35	P 3E						390
ESK Z 024307.20	P 3E						426
ECK Z 024307.45	P 3E						428
KMY Z 024255.17	P 3E	88.09	S 3E				325
ODD1Z 024308.36	P 3E						429
-1							
211091N WALES+				5.0RITCHIELLLEYN, GWYNEDD			1
	181047.96	239.88/ 342.99	24.6 0.8			52.960 -4.384	2
	24 4 87 0.09	0.3 0.5 A A*A LLEYN AFTERSHOCK					3
WCB Z 181056.31	P 2E	62.80	S 3				48
WCB NS1810				3.8 H0.07ML	0.25	200	48
WCB EW1810				4.6 H0.09ML	0.25	200	48
YRC Z 181054.90	P 2E	59.55	S 2				35
YRE Z 181052.05	P 2E	54.68	S 1				4
WPM Z 181056.32	P 3E	62.12	S 3				46
WLF Z 181055.02	P 2E	59.72	S 3				37
WME Z 181056.80	P 3E	62.72	S 3				49
YLL Z 181053.50	P 1IU	57.30	S 2				25
WLC Z 181055.72	P 1IU	61.00	S 1				41
WLC NS1810				6.6 H0.15ML	1.0	200	41
WLC EW1810				4.9 H0.11ML	1.0	200	41
YRH Z 181053.29	P 1IU	56.85	S 2				22
WBR Z 181054.88	P 2E	59.45	S 1				35
WST Z 181053.82	P 1IU	57.91	S 1				27
WFB Z 181055.30	P 3E	60.30	S 3				39
-1							
211091SHETLAND	SH667			5.0BS		RNORTHERN NORTH SEA	1
	212820.98	580.00/1187.36	4.2 1.7			60.530 1.281	2
	14130 162 0.32	4.4 3.2 D C*D					3
LRW Z 212843.76	P 2E	59.40	S 3E				143
LRW NS2128				03.4H0.10ML	0.10	200	143
LRW EW2128				03.0H0.11ML	0.10	200	143
SAN Z 212845.21	P 2E	62.00	S 3E				151
WAL Z 212846.80	P 2E	64.00	S 3E				162
YEL Z 212841.90	P 2E						130
ODD1Z 212904.36	P 1E	34.86	S 3E				305
SUE Z 212850.36	P 1I	72.58	S 3I				198
ASK Z 212852.68	P 1E	75.82	S 3E				215
HYA Z 212900.98	P 1E						276
-1							
221091KEYWORTH	KW185		12.5	5.0WRIGHT LGILDINGWELLS, S YORKS			1
	12917.28	456.46/ 385.06	1.0 1.2			2+ 53.359 -1.152	2
	7 28 254 0.47	2.9 2.4 D C*D COALFIELD TYPE, FELT				BLYTH	3
KBI Z 012923.28	P 3E	26.34	S 2				28
KSY Z 012927.39	P 2E	34.40	S 3				58
CFW Z 012930.21	P 3E	39.00	S 2				70
CFW NS0129				10.0H0.09ML	0.25	200	70
CFW EW0129				19.5H0.08ML	0.25	200	70
KUF Z 012934.15	P 3E						97
-1							
231091 LOWNET+	LN 778		12.5	5.0DWR		LCLACKMANNAN, CENTRAL	1
	020 7.03	292.99/ 693.47	1.7 1.5			56.122 -3.721	2
	22 19 80 0.16	0.4 0.6 C B*C COALFIELD TYPE					3
EBH Z 002010.85	P 0ID	13.94	S 1IU				19
EAU Z 002013.66	P 1ID	18.65	S 3E				35
EAB Z 002014.16	P 1IU	19.34	S 3E				39
ELO Z 002014.41	P 3E	19.31	S 3E				39
EDI Z 002014.47	P 1ID	19.56	S 2E	8.9H0.40M	0.25	200	40
EDI NS0020	IU		E	6.6H0.90ML	0.25	200	40
EDI EW0020	ID		EU	12.6H0.48ML	0.25	200	40
EBL Z 002017.15	P 3E	24.62	S 3E				58
EDU Z 002018.74	P 3E	26.65	S 3E				65
ESK Z 002023.08	P 3E	35.07	S 2				95
ESK NS0020				5.4H0.24ML	0.25	200	95
ESK EW0020				6.8H0.25ML	0.25	200	95
ECK Z 002026.01	P 3E	39.72	S 2				111
XSO Z 002027.90	P 2ED	42.80	S 2				116
PCO Z 002012.50	P 1IU	17.35	S 3				28
PCA Z 002017.30	P 3E	24.72	S 3				58
PGB Z 002017.61	P 2ED	25.31	S 1				59
PGB NS0020				16.0H0.27ML	0.25	200	59
PGB EW0020				9.5H0.24ML	0.25	200	59
PMS Z 002019.71	P 2E						71

-1									
241091	KEYWORTH+	KW186	12.5	5.0	WRIGHT	LWORKSOP,NOTTS			1
	3 035.13	461.27/ 382.71	0.4 1.4			53.338	-1.080		2
12 31	128 0.62	1.6 2.0	D D*C	COALFIELD	TYPE, CARLTON	FARM AREA			3
KBI Z	030040.58		P 3E						31
KSY Z	030044.49		P 3E	52.20	S 2				53
CWF Z	030046.92		P 3E	57.40	S 3				68
CWF NS0300						7.5H0.09ML	0.25 200		68
CWF EW0300						18.0H0.09ML	0.25 200		68
HPK Z	030047.88		P 3E	59.60	S 3				78
HPK NS0300						4.5H0.12ML	1.0 200		78
HPK EW0300						5.5H0.11ML	1.0 200		78
LWH Z	030054.30		P 3E	69.35	S 2				114
LRN Z	030056.50		P 3E						129
LCP Z	030060.55		P 3E	79.00	S 3				158
-1									
261091	KEYWORTH+		12.5	5.0	WRIGHT	LWORKSOP,NOTTS			1
	02759.55	462.36/ 383.75	2.0 1.6			53.347	-1.063		2
14 33	130 0.28	1.1 1.7	C B*C	COALFIELD	TYPE, BROOMHILL WOOD AREA				3
KBI Z	002805.27		P 3E	10.05	S 3				33
KSY Z	002809.00		P 2E						53
KWE Z	002810.69		P 3E						64
CWF Z	002811.70		P 3E	20.70	S 3				70
CWF NS0028						8.0H0.10ML	0.25 200		70
CWF EW0028						15.5H0.09ML	0.25 200		70
LHO Z	002809.98		P 3E						57
HPK Z	002812.24		P 3E	21.80	S 3				77
HPK NS0028						5.5H0.12ML	1.0 200		77
HPK EW0028						5.3H0.10ML	1.0 200		77
LWH Z	002818.70		P 3E	32.05	S 3				113
LRN Z	002821.07		P 2E						128
SBD Z	002825.18		P 3E	43.52	S 2				155
-1									
281091	ESK	ES 552	12.5	5.0	DG	LLOCHMABEN,D & G			1
	103444.57	300.27/ 584.27	2.6 0.2			55.143	-3.565		2
4 28	329 0.05	0.0 0.0	C A*D	WEST OF	LOCHMABEN				3
ECK Z	103449.91		P 3E	53.60	S 2				28
ESK Z	103450.09		P 1IU	54.22	S 3				30
ESK NS1034						4.0H0.15ML	0.25 200		30
ESK EW1034						5.0H0.13ML	0.25 200		30
-1									
281091	KEYWORTH		12.5	5.0	WRIGHT	LWORKSOP,NOTTS			1
	193848.05	458.76/ 376.85	0.5 0.9			53.285	-1.119		2
6 27	289 0.40	23.3 16.4	D D*D	COALFIELD	TYPE				3
KBI Z	193852.70		P 3E	57.35	S 2				28
KWE Z	193858.90		P 3E	66.65	S 3				57
CWF Z	193859.50		P 3E	67.25	S 3				62
CWF NS1938						5.0H0.10ML	0.25 200		62
CWF EW1938						8.5H0.09ML	0.25 200		62
-1									
301091	LOWNET	LN 781	12.5	5.0	DWR	LWASSWADE,LOTHIAN			1
	20 3 6.35	330.27/ 663.05	1.6 0.1			55.856	-3.114		2
6 9	185 0.07	0.7 0.8	C A*D	COALFIELD	TYPE				3
EDI Z	200308.50		P 1IU	10.03	S 3E	6.8H0.32M	0.25 200		9
EDI NS2003				IU10.03	S E	4.5H0.72ML	0.25 200		9
EDI EW2003				ED	E	4.9H0.38ML	0.25 200		9
EBL Z	200308.79		P 3E	10.40	S 3E				10
EAU Z	200310.40		P 3E	13.81	S 3E				21
-1									
311091	LOWNET	LN 781	12.5	5.0	DWR	LSTIRLING,CENTRAL			1
	3 510.84	279.25/ 696.32	3.9 1.1			2+ 56.144	-3.944		2
8 25	164 0.03	0.3 0.7	B A*C	FELT BRIDGE	OF ALLAN				3
EAB Z	030515.59		P 0IU	18.98	S 1ID				25
EBH Z	030516.29		P 0IU	20.22	S 1IU				29
ELO Z	030517.98		P 1ID	23.09	S 2ED				39
EDI Z	030520.20		P 3E	27.02	S 2E	3.7H0.18M	0.25 200		53
EDI NS0305					E	5.2H0.25ML	0.25 200		53
EDI EW0305					E	4.8H0.22ML	0.25 200		53
-1									
311091	KEYWORTH+	KW187	12.5	5.0	WRIGHT	LWASSWADE,LOTHIAN			1
	34212.10	462.05/ 390.14	3.1 1.3			53.404	-1.067		2
8 35	178 0.12	1.1 2.6	C B*C	COALFIELD	TYPE, 4KM NORTH OF BLYTH				3
KBI Z	034218.40		P 3E	23.21	S 2				35
KWE Z	034224.25		P 4E						67
KSY Z	034222.49		P 3E	29.80	S 3				59
CWF Z	034225.02		P 3E	33.75	S 3				76
CWF NS0342						7.2H0.10ML	0.25 200		76
CWF EW0342						12.5H0.08ML	0.25 200		76
HPK Z	034224.10		P 3E	33.30					72
HPK NS0342						5.1H0.11ML	1.0 200		72
HPK EW0342						6.0H0.10ML	1.0 200		72
-1									
011191	CORNWALL		5.4	5.0	ABW	LLIZARD POINT,CORNWALL			1
	428 8.83	154.73/ -0.78	5.4 1.3			49.842	-5.412		2
8 36	307 0.07	11.4 24.7	D D*D	SOUTHWEST	OF LIZARD POINT				3
CPZ Z	042815.55		P 2						37
CCO Z	042815.56		P 2						36
CR2 Z	042815.89		P 2						40
CR2 Z	042815.89		P 2	21.30	S 2				40
CR2 NS0428						4.1 H0.05ML	2.5 200		40
CR2 EW0428						7.5 H0.07ML	2.5 200		40
CCA Z	042816.20		P 2						41
CBW Z	042815.99		P 2						40
CSA Z	042820.37		P 2						68
-1									
021191	LOWNET+	LN781 983	12.5	5.0	DWR/DG	LSTIRLING,CENTRAL			1
	3 126.36	279.30/ 691.00	1.9 0.2			56.097	-3.941		2
10 16	107 0.16	0.7 1.1	C B*C						3
EAB Z	030131.58		P 2EU	35.09	S 3E				27
EBH Z	030132.59		P 3E	36.69	S 2E				32
EDI Z	030135.35		P 3E	41.40	S 3E				51
EDI NS0301						1.5H0.09ML	0.25 200		51
EDI EW0301						1.5H0.09ML	0.25 200		51

ELO Z 030134.06	P 3E						44
EDU Z 030138.42	P 3E						76
PCO Z 030129.49	P 1IU32.15		S 3				16
PGB Z 030134.70	P 3E 40.28		S 4				46
PGB NS0301				3.0H0.10ML		0.25 200	46
PGB EW0301				2.0H0.14ML		0.25 200	46
-1							
031191LOWNET+	LN781 1392	12.5		5.0DWR/DG	LSTIRLING,CENTRAL		1
85524.57	279.19/ 696.66	3.0 1.1			56.147	-3.945	2
14 20 101 0.08	0.3 1.0 B A*C						3
EAB Z 085529.26	P 0IU32.62		S 2ED				25
EBH Z 085530.00	P 0IU33.91		S 1IU				29
ELO Z 085531.63	P 1ID36.74		S 2ED				39
EAU Z 085532.84	P 3E						46
EDI Z 085533.84	P 3E 40.72		S 2E	3.3H0.12M		0.25 200	54
EDI NS0855				4.2H0.29ML		0.25 200	54
EDI EW0855				3.7H0.25ML		0.25 200	54
EDU Z 085537.32	P 3E 46.22		S 3E				73
PCO Z 085528.49	P 1ID32.90		S 4				20
PGB Z 085533.85	P 2E 40.08		S 2				50
PGB NS0855				13.7H0.17ML		0.25 200	50
PGB EW0855				11.1H0.13ML		0.25 200	50
PCA Z 085534.01	P 2E 40.60		S 3				54
PMS Z 085535.21	P 3E 42.89		S 2				60
-1							
061191LOWNET+	LN781 2320	12.5		5.0DWR/DG	LCLACKMANNAN,CENTRAL		1
44321.78	293.27/ 693.56	0.8 0.3			56.123	-3.717	2
9 19 122 0.12	0.6 0.9 B A*C COALFIELD TYPE						3
EBH Z 044325.78	P 2ED28.64		S 3E				19
EAU Z 044328.18	P 3E 33.61		S 3E				35
EDI Z 044329.11	P 3E 34.99		S 3E				40
EDI NS0443				1.1H0.22ML		0.25 200	40
EDI EW0443				2.0H0.22ML		0.25 200	40
EAB Z 044329.28	P 3E						39
PCO Z 044327.45	P 3E 31.20		S 3E				28
-1							
061191LOWNET+	LN782 212	12.5		5.0DWR/DG	LSTIRLING,CENTRAL		1
225711.29	278.79/ 689.94	8.3 0.2			56.087	-3.948	2
8 14 109 0.08	0.5 3.3 B B*B						3
EAB Z 225716.39	P 2EU19.83		S 3E				27
EBH Z 225717.27	P 3E 21.42		S 2E				33
ELO Z 225718.80	P 4E 24.97		S 3E				45
EDI Z 225719.90	P 4E 26.37		S 3E				51
EDI NS2257				2.5H0.09ML		0.25 200	51
EDI EW2257				1.7H0.09ML		0.25 200	51
PCO Z 225714.36	P 3E 16.67		S 3				14
-1							
071191LOWNET+	LN782 254	12.5		5.0DWR/DG	RCENTRAL NORTH SEA		1
2 027.97	696.13 559.12	10.0 2.3			54.839	2.613	2
11310 332 0.70	139.0164.9 D D*D WEAKLY RECORDED						3
ESY Z 020116.82	P 3E 50.05		S 3E				352
EDI Z 020121.27	P 3E 60.97		S 3E				387
EDI NS0201				2.8H0.19ML		0.25 200	387
EDI EW0201				1.7H0.17ML		0.25 200	387
EDU Z 020123.65	P 3E 60.72		S 3E				402
EBH Z 020125.15	P 3E 69.50		S 3E				418
XAL Z 020110.90	P 3E 42.4		S 3				310
XSO Z 020111.63	P 3E 44.3		S 3				318
-1							
071191LOWNET+	LN782 280	12.5		5.0DWR/DG	LCLACKMANNAN,CENTRAL		1
35456.34	291.51/ 693.81	1.5 0.8			56.125	-3.745	2
13 20 83 0.11	0.4 0.6 B A*C COALFIELD TYPE						3
EBH Z 035500.42	P 2ED03.35		S 2EU				20
EAU Z 035503.21	P 2E 08.21		S 3E				36
EAB Z 035503.32	P 3E 08.50		S 3E				38
ELO Z 035503.40	P 3E 08.88		S 3E				39
EDI Z 035504.00	P 3E 09.29		S 3E				42
EDI NS0355				4.0H0.30ML		0.25 200	42
EDI EW0355				2.6H0.28ML		0.25 200	42
PCO Z 035502.10	P 3E 05.04		S 3				27
PGB Z 035507.30	P 3E 14.45		S 3				58
PGB NS0355				2.5H0.19ML		0.25 200	58
PGB EW0355				3.3H0.17ML		0.25 200	58
-1							
071191 ESK+	ES 553	12.5		5.0DG/DWR	LCLACKMANNAN,CENTRAL		1
63159.06	293.40/ 693.21	6.1 1.1			56.120	-3.715	2
12 19 82 0.11	0.4 0.6 B A*C COALFIELD TYPE						3
ESK Z 063216.33	P 3E 27.45		S 3				95
ESK NS0632				3.5H0.23ML		0.25 200	95
ESK EW0632				4.0H0.20ML		0.25 200	95
ECK Z 063218.27	P 3E 31.68		S 3				111
XSO Z 063219.80	P 3E 34.84		S 3				115
EBH Z 063202.67	P 2EU05.69		S 2EU				19
EAU Z 063205.50	P 1ID09.81		S 2ED				35
ELO Z 063206.10	P 1IU11.11		S 2E				39
EAB Z 063206.10	P 1IU11.20		S 3E				40
EDI Z 063206.26	P 2ED11.32		S 3E				40
EDI NS0632				4.0H0.30ML		0.25 200	40
EDI EW0632				6.0H0.35ML		0.25 200	40
PCO Z 063204.40	P 1IU07.00		S 2				28
PGB Z 063209.41	P 2ED17.29		S 3				59
PGB NS0632				6.4H0.22ML		0.25 200	59
PGB EW0632				4.0H0.21ML		0.25 200	59
PMS Z 063211.52	P 3E 19.71		S 3				71
-1							
081191N WALES+				5.0RITCHIELABBEYSTED,LANCS			1
63720.13	355.43/ 453.07	13.2 1.6			53.972	-2.680	2
32 7 62 0.29	0.7 0.8 B B*A						3
WCB Z 063741.99	P 3E 57.61		S 3				140
LBO Z 063722.89	P 1IU24.50		S 2E				7
LLO Z 063723.69	P 1ID26.58		S 2E				16
WPM Z 063738.15	P 3E						114
LLY Z 063724.80	P 1IU27.07		S 2E				24

WME Z 063739.30	P 3E						125
HPK Z 063731.92	P 2E 40.03		S 2				69
LKL Z 063725.48	P 1IU29.29		S 2E				29
WCB NS0637				5.5HO.10ML	0.25 200		140
WCB EW0637				10.0HO.10ML	0.25 200		140
LCK Z 063727.93	P 1ID33.38		S 2E				45
LHO Z 063732.20	P 1ID						72
LRN Z 063732.85	P 2E 42.25		S 3				77
LMI NS0637				8.0HO.09ML	2.5 200		50
LWH Z 063742.41	P 3E						137
LMI EW0637				5.5HO.09ML	2.5 200		50
KWE Z 063739.40	P 2E 53.80		S 3				120
SBD Z 063739.81	P 1ID53.72		S 3				125
LMI Z 063728.90	P 1IU35.44		S 2E				50
XDE Z 063733.67	P 0ID43.02		S 2				80
XAL Z 063737.70	P 3E 48.14		S 2				104
ECK Z 063741.47	P 2EU58.20		S 3				138
-1							
091191 ESK	ES 554	12.5		5.0DG	LTWEEDSMUIR, BORDERS		1
71953.37	308.62/ 618.63	5.5 0.1			55.453 -3.445		2
5 21 300 0.07	0.6 0.4 C A*D						3
ESK Z 071957.55	P 2E 60.40		S 2				22
ESK NS0719				11.6HO.09ML	0.25 200		22
ESK EW0719				9.8HO.09ML	0.25 200		22
ECK Z 071959.95	P 2EU64.70		S 3				36
XSO Z 072006.11	P 2E						76
-1							
091191LOWNET	LN782 1018	12.5		5.0DWR	RCENTRAL NORTH SEA		1
849 1.90	750.11 696.94	4.9 3.3			56.037 3.623		2
14373 209 0.24	5.8 3.2 D D*D						3
ESY Z 084955.5	P 3E 94.2		S 3E				389
EDI Z 084959.7	P 3E 101.80		S 3E				425
EDI NS0849				5.5HO.70ML	0.25 200		425
EDI EW0849				4.5HO.70ML	0.25 200		425
EAU Z 085002.6	P 3E 45.6		S 3E				443
XSO Z 084953.50	P 3EU90.95		S 3				373
XAL Z 084956.26	P 3E 94.79		S 3				392
ESK Z 085001.00	P 3ED43.20		S 3				437
ESK NS0850				4.5HO.58ML	0.25 200		437
ESK EW0850				3.4HO.77ML	0.25 200		437
NRAOZ 085033.5	P 3E 100.9		S 3				699
-1							
111191LOWNET+	LN782 1883	12.5		5.0DWR/DG	LSTIRLING, CENTRAL		1
224336.91	279.28/ 695.91	2.5 0.2			56.141 -3.943		2
8 20 143 0.12	0.6 0.9 B A*C						3
EAB Z 224341.70	P 2EU45.00		S 3E	2.5HO.22ML	0.25 200		25
EBH Z 224342.39	P 2EU46.30		S 3E	6.0HO.18ML	*0.25 200		30
ELO Z 224344.00	P 2E 49.50		S 3E				39
EDU Z 224346.90	P 3E						73
PCO Z 224340.83	P 2ED43.19		S 3				20
-1							
111191GALLOWAY+	GL 106	12.5		5.0DG	LMONIAIVE, D & G		1
232536.80	274.69/ 592.29	8.2 0.6			55.209 -3.970		2
15 38 161 0.21	1.2 43.7 C C*C						3
GCD Z 232543.77	P 2E 48.49		S 3				39
ESK Z 232545.02	P 1IU51.50		S 3				50
ESK NS2325				5.3HO.12ML	0.25 200		50
ESK EW2325				5.7HO.08ML	0.25 200		50
ECK Z 232546.00	P 2EU52.44		S 3				54
GAL Z 232546.95	P 3E 54.55		S 3				61
GAL NS2325				4.2HO.07ML	0.25 200		61
GAL EW2325				5.1HO.07ML	0.25 200		61
XSO Z 232555.48	P 3ED						113
EBL Z 232551.30	P 3E 62.00		S 3E				86
EDI Z 232552.50	P 3E 63.20		S 3E				94
EDI NS2325				2.1HO.08ML	0.25 200		94
EDI EW2325				1.9HO.09ML	0.25 200		94
ESY Z 232555.40	P 3E 68.80		S 3E				116
-1							
121191LEEDS+	LD553	12.5		5.0WRIGHT	LPETERLEE, CO DURHAM		1
03410.67	444.26/ 536.03	0.3 1.2			54.717 -1.313		2
13 11 171 0.26	1.0 1.0 C B*C COALFIELD TYPE						3
LCP Z 003413.00	P 1IU15.70		S 2				11
LRN Z 003419.35	P 3E						45
HPK Z 003425.65	P 3E 37.10		S 3				87
HPK NS0034				10.0HO.12ML	0.25 200		87
HPK EW0034				10.0HO.12ML	0.25 200		87
LWH Z 003421.51	P 3E						60
XAL Z 003421.38	P 3E						60
XSO Z 003428.49	P 1ED43.05		S 3				105
ECK Z 003432.14	P 2EU48.84		S 3				127
ESK Z 003433.73	P 2EU51.60		S 3				138
ESK NS0034				2.1HO.18ML	0.25 200		138
ESK EW0034				2.0HO.19ML	0.25 200		138
-1							
121191KEYWORTH	KW188	12.5		5.0WRIGHT	LRIPLEY, DERBYSHIRE		1
41945.89	442.32/ 349.80	0.2 0.1			53.043 -1.369		2
6 26 197 0.57	0.7 1.0 D D*D COALFIELD TYPE						3
KWE Z 041951.20	P 3E 57.00		S 2				32
KBI Z 041950.65	P 3E 55.83		S 3				26
CWF Z 041952.10	P 3E 57.99		S 3				34
CWF NS0419				3.0HO.10ML	0.25 200		34
CWF EW0419				3.5HO.09ML	0.25 200		34
-1							
121191LOWNET+	LN782 2159	12.5		5.0DWR/DG	LCLACKMANNAN, CENTRAL		1
2051 3.94	292.65/ 693.94	1.4 1.1			56.126 -3.727		2
16 19 81 0.11	0.3 0.5 B A*C COALFIELD TYPE						3
EBH Z 205108.83	P 3ID10.82		S 3ED				19
EAU Z 205110.63	P 3E 15.70		S 2E				36
EAB Z 205111.11	P 3E 16.49		S 2E				39
ELO Z 205111.12	P 3E 16.30		S 3E				38
EDI Z 205111.45	P 1ID16.99		S 2E				41
EDI NS2051				7.2HO.20ML	0.25 200		41

EDI EW2051				7.5H0.30ML	0.25	200	41
PCO Z 205109.48	P 2EU12.82	S 3					28
PCA Z 205114.51	P 2E 22.00	S 3					58
PGB Z 205114.80	P 2EU22.09	S 2					59
PGB NS2051				7.9H0.23ML	0.25	200	59
PGB EW2051				4.5H0.25ML	0.25	200	59
PMS Z 205116.78	P 3E						71
-1							
131191LOWNET+	LN782	12.5		5.0DWR/DG	LCLACKMANNAN,CENTRAL		1
02029.65	290.84/ 694.40	1.5 0.7			56.130 -3.756		2
8 20 176 0.13	0.7 1.0 B A*C	COALFIELD TYPE					3
EBH Z 002033.60	P 2E 36.79	S 2EU					20
EAU Z 002036.59	P 2E 41.70	S 3E					37
EDI Z 002037.50	P 2ED43.05	S 3E					42
EDI NS0020				2.7H0.32ML	0.25	200	42
EDI EW0020				2.5H0.35ML	0.25	200	42
PCO Z 002035.47	P 3E 38.39	S 3					26
-1							
131191KEYWORTH	KW188	12.5		5.0WRIGHT	LBARNBY MOOR,NOTTS		1
13037.04	468.52/ 387.64	3.0 0.9			53.381 -0.970		2
6 40 308 0.27	5.5 7.0 D D*D	COALFIELD TYPE					3
KBI Z 013044.90	P 3E 49.21	S 3					40
KWE Z 013049.09	P 3E 58.17	S 3					71
CWF Z 013049.58	P 3E 59.30	S 3					75
CWF NS0130				4.4H0.07ML	0.25	200	75
CWF EW0130				7.5H0.09ML	0.25	200	75
-1							
141191LOWNET+		12.5		5.0DWR/DG	LCLACKMANNAN,CENTRAL		1
22 237.90	292.68/ 693.90	1.3 1.9			56.126 -3.727		2
23 19 81 0.12	0.3 0.4 B A*C	COALFIELD TYPE					3
PGB Z 220248.57	P 2E 56.21	S 2					59
PMS Z 220250.41	P 2E 58.85	S 3					71
ESK Z 220254.57	P 2ED66.29	S 2					96
ESK NS2202				4.0H0.23ML	1.0	200	96
ESK EW2202				3.6H0.25ML	1.0	200	96
ECK Z 220257.15	P 2E 70.80	S 2					112
XSO Z 220258.28	P 1ED73.76	S 2					116
GCD Z 220302.00	P 4E 18.79	S 3					141
GAL Z 220303.52	P 2ED21.80	S 1					153
PGB NS2202				6.5H0.30ML	1.0	200	59
PGB EW2202				4.0H0.30ML	1.0	200	59
EBH Z 220241.81	P 1ID44.89	S 2ED					19
EAU Z 220244.62	P 1ID49.57	S 2ED					36
EAB Z 220245.10	P 1IU50.31	S 2ED					39
ELO Z 220245.20	P 1IU50.23	S 1IU					38
EDI Z 220245.41	P 1ID50.96	S 2E		9.8H0.55M	1.0	200	41
EDI EW2202				11.0H0.45ML	1.0	200	41
EBL Z 220248.11	P 1ID55.42	S 3E					58
EDU Z 220249.30	P 1IU57.84	S 3E					64
ESY Z 220250.91	P 3E						73
EDI NS2202				7.1H0.50ML	1.0	200	41
PCO Z 220243.49	P 1IU47.11	S 3					28
-1							
151191LEEDS+	LD 554	12.5		5.0WRIGHT	LBARNLSLEY,S YORKSHIRE		1
62952.60	436.86/ 401.50	2.6 1.1			53.509 -1.444		2
11 51 315 0.19	3.6 6.2 D C*D	COALFIELD TYPE					3
HPK Z 063001.91	P 3E 08.31	S 2					51
HPK NS0630				3.5H0.18ML	1.0	200	51
HPK EW0630				3.0H0.14ML	1.0	200	51
LRN Z 063009.75	P 3E 25.18	S 4					104
LBO Z 063007.68	P 3E 19.00	S 3E					91
LKL Z 063010.15	P 3E 24.20	S 3E					107
LCK Z 063014.20	P 3E 30.31	S 3E					133
LMI Z 063016.51	P 3E 34.08	S 3E					146
LMI NS0630				1.5H0.12ML	0.25	200	146
LMI EW0630				1.6H0.11ML	0.25	200	146
-1							
181191SHETLAND	SH 670	12.5		5.0BS	RNORTHERN NORTH SEA		1
91258.31	573.44 988.32	3.1 3.6			58.748 0.998		2
27190 141 0.48	1.6 3.0 D C*D	SOUTH VIKING		GRABEN AREA			3
LRW Z 091328.80	P 1ID49.80	S 3E					198
SAN Z 091327.63	P 1ID47.80	S 3E					190
WAL Z 091332.00	P 1ID						224
YEL Z 091333.31	P 1E 56.50	S 3E					233
MCD Z 091338.20	P 2E 67.40	S 3E					282
MCD NS0913				09.8H0.19ML	2.5	200	282
MCD EW0913				10.0H0.11ML	2.5	200	282
MDO Z 091346.50	P 2E						348
MME Z 091338.32	P 2E						284
MVH Z 091342.22	P 2EU						317
MLA Z 091335.40	P 2E						259
MFI Z 091332.20	P 2E						231
EDR Z 091340.63	P 3E						293
ASK Z 091340.89	P 1IU71.75	S 4E					306
BER Z 091340.90	P 2E						305
HYA Z 091352.19	P 1I 91.99	S 3E					396
SUE Z 091344.29	P 1E 79.35	S 3E					333
EDI Z 091354.38	P 3E 93.97	S 3E					403
EDI NS0913				16.6H0.40ML	0.25	200	403
EDI EW0913				20.2H0.55ML	0.25	200	403
ODD1Z 091346.49	P 1I 82.23	S 3E					346
KMY Z 091334.65	P 1I 61.92	S 3E					250
-1							
191191KEYWORTH	KW189	12.5		5.0WRIGHT	LTHORESBY,NOTTS		1
0 110.27	464.34/ 374.83	0.5 1.1			53.266 -1.035		2
8 33 230 0.44	4.8 4.6 D C*D	COALFIELD TYPE, 5KM NORTH OF THORESBY					3
KSY Z 000118.80	P 3E 24.65	S 3					45
KBI Z 000117.42	P 3E 21.42	S 3					33
KWE Z 000120.81	P 3E 28.88	S 3					61
CWF Z 000120.78	P 3E 29.95	S 2					62
CWF NS0001				8.5H0.10ML	0.25	200	62
CWF EW0001				10.3H0.10ML	0.25	200	62
-1							

191191KEYWORTH	KW189	12.5	5.0WRIGHT	LEDWINSTOWE, NOTTS	1
35415.58	461.84/ 367.45	0.5 1.1		53.200 -1.074	2
8 31 207 0.12	0.9 1.0 C A*D	COALFIELD TYPE			3
KBI Z 035421.12	P 3E 26.08	S 2			31
KSY Z 035423.57	P 3E 29.30	S 3			42
CWF Z 035425.50	P 3E 32.65	S 2			54
CWF NS0354			7.5H0.12ML	0.25 200	54
CWF EW0354			8.0H0.19ML	0.25 200	54
KWE Z 035425.81	P 3E 33.31	S 3			55
-1					
191191LOWNET	LN783	12.5	5.0DWR	LCLACKMANNAN, CENTRAL	1
6 935.22	292.89/ 693.90	1.3 0.6		56.126 -3.723	2
9 19 128 0.07	0.3 0.5 B A*C	COALFIELD TYPE			3
EBH Z 060939.19	P 2ED42.01	S 3E			19
EAU Z 060941.82	P 3E 46.84	S 3E			36
EAB Z 060942.51	P 3E				39
ELO Z 060942.49	P 3E 47.59	S 3E			38
EDI Z 060942.69	P 3E 48.40	S 3E			40
EDI NS0609			1.8H0.21ML	0.25 200	40
EDI EW0609			6.0H0.21ML	0.25 200	40
-1					
201191LOWNET	LN783	12.5	5.0DWR	LTYNDRUM, CENTRAL	1
23810.56	239.67/ 734.95	3.7 0.8		56.479 -4.604	2
12 36 292 0.59	4.7 6.6 D D*D	7KM NORTHEAST OF TYNDRUM			3
EAB Z 023816.82	P 2E 21.65	S 3E			36
ELO Z 023820.71	P 3E 26.28	S 3E			55
EBH Z 023822.89	P 3E 31.83	S 3E			72
EDU Z 023827.05	P 3E 38.70	S 3E			98
EAU Z 023827.90	P 3E 41.50	S 3E			100
EDI Z 023828.68	P 3E 42.81	S 3E			108
EDI NS0238			2.5H0.10ML	0.25 200	108
EDI EW0238			2.2H0.12ML	0.25 200	108
-1					
211191KEYWORTH	KW190	12.5	5.0WRIGHT	L BLYTH, NOTTS	1
255 4.26	462.54/ 385.51	1.0 0.9		53.362 -1.060	2
6 33 304 0.313	50.8261.4 D D*D	COALFIELD TYPE			3
KBI Z 025509.70	P 3E 15.31	S 3			33
KWE Z 025515.85	P 2E 24.65	S 3			65
CWF Z 025517.15	P 3E 25.81	S 2			71
CWF NS0255			4.5H0.10ML	0.25 200	71
CWF EW0255			7.0H0.09ML	0.25 200	71
-1					
221191KEYWORTH+	KW190	12.5	5.0WRIGHT	L GILDINGWELLS, S YORKS	1
192855.91	457.48/ 385.33	2.3 1.5		53.361 -1.136	2
13 29 174 0.28	1.3 1.4 C B*C	COALFIELD TYPE			3
KBI Z 192901.39	P 2E 05.25	S 3			29
KWE Z 192906.10	P 3E 14.53	S 3			61
CWF Z 192908.00	P 3E 16.82	S 2			70
CWF NS1929			3.0H0.11ML	1.0 200	70
CWF EW1929			4.0H0.10ML	1.0 200	70
LHO Z 192905.51	P 3E				52
HPK Z 192907.80	P 2E 17.05	S 3			74
HPK NS1929			4.7H0.21ML	1.0 200	74
HPK EW1929			5.5H0.11ML	1.0 200	74
LWH Z 192914.90	P 3E 28.21	S 3			112
LRN Z 192917.19	P 2E 31.80	S 3			125
-1					
221191KEYWORTH	KW190	12.5	5.0WRIGHT	LRIPLEY, NOTTS	1
22 328.49	439.68/ 352.57	0.7 0.1		53.069 -1.408	2
5 22 123 0.32	3.4 8.4 D C*D	COALFIELD TYPE			3
KBI Z 220332.38	P 3E				22
KWE Z 220334.38	P 3E 39.62	S 4			30
CWF Z 220334.91	P 3E 40.95	S 4			37
CWF NS2203			2.5H0.10ML	0.25 200	37
CWF EW2203			2.5H0.11ML	0.25 200	37
KSY Z 220338.78	P 3E 45.49	S 3			56
-1					
241191LOWNET	LN784	12.5	5.0DWR	LMILNGAVIE, STRATHCLYDE	1
24637.46	245.02/ 678.03	4.1 0.5		55.970 -4.484	2
9 21 151 0.41	2.1 5.1 C C*C	EPICENTRE IN KILPATRICK HILLS			3
EAB Z 024642.05	P 2EU46.06	S 3E			26
ELO Z 024649.57	P 3E 60.00	S 3E			74
EDI Z 024650.10	P 4E 60.98	S 3E			81
EDI NS0246			1.5H0.10ML	0.25 200	81
EDI EW0246			2.2H0.10ML	0.25 200	81
PMS Z 024641.82	P 1ED43.82	S 3			21
PCO Z 024642.72	P 2ED45.07	S 1	14.0H0.07M	0.25 200	24
-1					
241191LOWNET	LN784	12.5	5.0DWR	LMILNGAVIE, STRATHCLYDE	1
3 849.35	246.24/ 677.22	9.8 0.7		55.963 -4.464	2
10 22 144 0.48	2.6 15.0 C C*C	EPICENTRE IN KILPATRICK HILLS			3
EAB Z 030854.19	P 2EU57.90	S 2E			26
ELO Z 030859.09	P 3E 70.68	S 3E			73
EDI Z 030859.40	P 4E 71.09	S 3E			80
EDI NS0308			1.7H0.18ML	0.25 200	80
EDI EW0308			2.7H0.11ML	0.25 200	80
EBH Z 030900.90	P 3E 13.36	S 3E			67
PMS Z 030853.95	P 1ED55.95	S 3			22
PCO Z 030854.56	P 3ED57.31	S 1	17.9H0.10M	0.25 200	23
-1					
251191KEYWORTH+	KW190	12.5	5.0WRIGHT	LWORKSOP, NOTTS	1
1810 5.02	461.92/ 382.32	1.0 1.6		53.334 -1.070	2
14 32 129 0.19	0.7 1.2 C B*C	COALFIELD TYPE, NORTHEAST OF WORKSOP			3
KBI Z 181010.75	P 2E 15.50	S 3			32
KSY Z 181014.55	P 2E				52
KWE Z 181016.12	P 3E 25.00	S 3			63
CWF Z 181017.35	P 3E 26.18	S 3			68
CWF NS1810			4.5H0.09ML	1.0 200	68
CWF EW1810			7.5H0.09ML	1.0 200	68
LHO Z 181015.52	P 2E				57
HPK Z 181018.90	P 2E 28.12	S 3			78
HPK NS1810			6.0H0.17ML	1.0 200	78
HPK EW1810			7.5H0.10ML	1.0 200	78

LWH Z 181024.30	P 3E 38.25	S 3			114
LRN Z 181026.75	P 2E 42.22	S 3			129
-1					
291191LOWNET+	LN785	12.5	5.0DWR	RNORTHERN NORTH SEA	1
123632.66	599.73 1025.62	22.6 2.9		59.071 1.485	2
19187 128 0.52	2.1 4.6 D D*D				3
FOO Z 1237		52.01			344
ESY Z 123729.00	P 3E 63.80	S 3E			429
ASK Z 123707.77	P 1I 33.46	S 4E			261
EDI Z 123734.30	P 4E 74.40	S 3E			449
EDI NS1237			7.1H0.18ML	0.25 200	449
EDI EW1237			4.6H0.21ML	0.25 200	449
HYA Z 123718.59	P 2E 54.22	S 3			351
ESK Z 123743.80	P 4E 87.20	S 3E			505
ESK NS1237			3.5H0.20ML	0.25 200	505
ESK EW1237			5.0H0.20ML	0.25 200	505
LRW Z 123659.79	P 2E 79.8	S 3E			192
LRW NS1236			4.5H0.14ML	2.5 200	192
LRW EW1236			4.5H0.14ML	2.5 200	192
SAN Z 123659.20	P 2E 78.5	S 3E			187
WAL Z 123703.62	P 2E				219
YEL Z 123704.00	P 2E				219
MCD Z 123715.41	P 3E 44.31	S 4E			324
MCD NS1237			2.5H0.12ML	1.0 200	324
MCD EW1237			3.5H0.41ML	1.0 200	324
KMY Z 123703.41	P 2E 26.52	S 4			216
ODD1Z 123714.50	P 2E 44.27	S 3			306
SUE Z 123711.02	P 1I 39.71	S 3			287
-1					
291191LOWNET+	LN785	12.5	5.0DWR/DG	L LACKMANNAN, CENTRAL	1
18 540.22	292.36/ 693.62	1.9 0.7		56.123 -3.732	2
11 20 86 0.13	0.5 0.8 B A*C	COALFIELD TYPE			3
EBH Z 180544.00	P 2EU47.19	S 3E			20
EAU Z 180546.89	P 2ED				36
EAB Z 180547.35	P 2EU52.61	S 3E			38
ELO Z 180547.40	P 3E 52.50	S 3E			39
EDI Z 180547.70	P 3E 52.98	S 3E			41
EDI NS1805			2.5H0.28ML	0.25 200	41
EDI EW1805			3.0H0.35ML	0.25 200	41
PCO Z 180545.69	P 3E 49.00	S 3			27
-1					
301191KEYWORTH	KW191	12.5	5.0WRIGHT	L BILSTHORPE, NOTTS	1
32648.49	464.39/ 361.18	0.5 0.3		53.144 -1.037	2
5 35 193 0.23	0.7 1.3 C B*D	COALFIELD TYPE			3
KSY Z 032654.80	P 3E 60.68	S 2			36
KBI Z 032655.29	P 3E				35
CWF Z 032657.20	P 3E 64.42	S 3			49
CWF NS0326			2.0H0.09ML	0.25 200	49
CWF EW0326			3.0H0.10ML	0.25 200	49
-1					
301191KEYWORTH+	KW191	12.5	5.0WRIGHT	L CLIPSTONE, NOTTS	1
35859.95	461.46/ 363.51	0.2 1.7		53.165 -1.081	2
13 32 112 0.36	1.0 1.5 C C*C	COALFIELD TYPE			3
KBI Z 035905.50	P 3E 09.85	S 3			32
KSY Z 035907.29	P 2E 13.20	S 3			40
CWF Z 035909.38	P 2E 16.31	S 2			50
CWF NS0359			9.5H0.20ML	0.25 200	50
CWF EW0359			9.0H0.25ML	0.25 200	50
KWE Z 035909.65	P 2E 17.45	S 2			54
HPK Z 035915.61	P 2E 26.65	S 4			95
HPK NS0359			7.5H0.19ML	1.0 200	95
HPK EW0359			7.0H0.21ML	1.0 200	95
LWH Z 035922.55	P 3E 39.07	S 2			133
LRN Z 035924.55	P 2E 42.53	S 2			147
-1					
301191HARTLAND+	HT430	12.5	5.0WALKER	L BRISTOL CHANNEL	1
144151.15	232.89/ 180.80	17.2 2.2		51.501 -4.408	2
23 33 131 0.18	0.7 1.0 B B*B				3
CSA Z 144211.10	P 2E				132
CR2 Z 144215.00	P 2E 30.70	S 4			158
CCA Z 144215.50	P 2E				157
CBW Z 144215.60	P 3E				159
CGH Z 144217.00	P 2E				170
CR2 NS1442			3.3 H0.07ML	2.5 200	158
CR2 EW1442			7.3 H0.09ML	2.5 200	158
HSA Z 144157.64	P 1IU				33
HPE Z 144160.60	P 1ID				55
HTL Z 144161.20	P 1ID68.10	S 1	2.5 H0.09ML	0.25 4	57
HEX Z 144162.17	P 1ID				64
HCG Z 144168.10	P 1IU				105
MCH Z 144168.78	P 1EU82.22	S 1			112
HGH Z 144168.96	P 1IU				112
HAE Z 144173.01	P 1E				142
HTR Z 144167.30	P 1EU				102
HLM Z 144175.00	P 1ED				154
HP01Z 144204.40	P 2ED14.60	S 2			83
HP02Z 144206.10	P 2 U17.20	S 2			92
HP03Z 144208.80	P 2 U				114
HP06Z 144205.10	P 2 U				88
-1					
011291KEYWORTH+	KW191	12.5	5.0WRIGHT	L WORKSOP, NOTTS	1
16 4 8.18	460.31/ 381.53	0.2 1.3		53.327 -1.094	2
12 30 126 0.37	1.3 1.8 C C*C	COALFIELD TYPE			3
KBI Z 160414.60	P 3E 18.60	S 3			30
KSY Z 160417.59	P 3E 25.15	S 3			53
KWE Z 160419.30	P 3E 27.09	S 3			61
CWF Z 160420.40	P 2E 29.23	S 2			67
CWF NS1604			14.5H0.09ML	0.25 200	67
CWF EW1604			16.0H0.10ML	0.25 200	67
LWH Z 160427.28	P 3E 42.61	S 2			115
LRN Z 160429.70	P 3E 45.33	S 2			130
-1					
021291N WALES			5.0RITCHIE	L PENYNGROES, GWYNEDD	1

	114234.29	248.43/ 353.23	10.6 0.2		53.055	-4.262	2
9 14	114 0.10	0.5 1.8 B A*B					3
YRC Z	114239.71	P 2E					30
YRE Z	114237.20	P 11D					14
WME Z	114240.75	P 2ED45.42	S 2				38
WFB Z	114241.83	P 2E					44
WPM Z	1142	44.12	S 3				33
WCB Z	114241.23	P 3E 46.20	S 3				41
WCB NS	1142			1.6 H0.13ML	0.25 200		41
WCB EW	1142			2.5 H0.13ML	0.25 200		41
YRH Z	114240.68	P 3E					35
-1							
021291	LOWNET+	LN785	12.5	5.0DWR	LELVANFOOT, STRATHCLYDE		1
	195645.99	301.29/ 616.80	2.5 0.1		55.435	-3.560	2
9 26	248 0.09	2.1 1.4 C B*D					3
EAU Z	195654.33	P 3E 60.11	S 3E				46
EBL Z	195654.60	P 3E 61.49	S 3E				50
EDI Z	195656.29	P 3E 64.23	S 3E				59
EDI NS	1956			1.2H0.09ML	0.25 200		59
EDI EW	1956			1.5H0.07ML	0.25 200		59
ESY Z	195659.78	P 3E 70.60	S 3E				80
ESK Z	195650.90	P 1IU54.43	S 1EU				26
ESK NS	1956	E		IU 5.0H0.09ML	0.25 200		26
ESK EW	1956	E		E 5.1H0.10ML	0.25 200		26
-1							
031291	KEYWORTH+	KW191	12.5	5.0WRIGHT	LWOODSETTS, NOTTS		1
	41943.08	455.90/ 383.90	1.0 1.4		53.349	-1.160	2
14 27	122 0.40	1.3 1.8 C C*C COALFIELD TYPE, NORTH OF WORKSOP					3
KBI Z	041947.59	P 3E 52.18	S 3				27
KSY Z	041953.30	P 2E 60.69	S 3				57
KWE Z	041952.92	P 3E 61.73	S 3				59
CWF Z	041956.00	P 3E 64.71	S 2				69
CWF NS	0419			9.5H0.08ML	0.25 200		69
CWF EW	0419			12.0H0.09ML	0.25 200		69
LHO Z	041952.52	P 3E					51
HPK Z	041955.92	P 3E 65.11	S 2				74
HPK NS	0419			4.0H0.18ML	1.0 200		74
HPK EW	0419			4.5H0.17ML	1.0 200		74
LWH Z	041963.00	P 3E 76.45	S 2				114
LRN Z	041964.29	P 2E					126
-1							
041291	KEYWORTH+	KW191	12.5	5.0WRIGHT	LWORKSOP, NOTTS		1
	33032.61	463.09/ 380.61	0.2 1.2		53.318	-1.053	2
11 32	129 0.25	0.8 1.1 C B*C COALFIELD TYPE, NORTHEAST OF WORKSOP					3
KBI Z	033039.32	P 3E 43.50	S 3				32
KSY Z	033041.61	P 3E 49.05	S 3				50
CWF Z	033044.69	P 3E 53.41	S 2				67
CWF NS	0330			8.0H0.08ML	0.25 200		67
CWF EW	0330			9.0H0.09ML	0.25 200		67
HPK Z	033046.75	P 3E 57.11	S 3				80
HPK NS	0330			9.5H0.19ML	0.25 200		80
HPK EW	0330			7.7H0.20ML	0.25 200		80
LWH Z	033051.82	P 2E 66.75	S 2				116
LRN Z	033054.08	P 3E					131
-1							
041291	LOWNET+	LN 786	12.5	5.0DWR	LCLACKMANNAN, CENTRAL		1
	1839 0.38	288.26/ 699.82	2.2 0.2		56.178	-3.800	2
4 20	206 0.05	0.0 0.0 C A*D COALFIELD TYPE, MAGNITUDE FROM VERTICALS					3
EBH Z	183904.22	P 2ED07.10	S 3E	11.6H0.11ML	0.25 200		20
PCO Z	183905.73	P 2EU09.43	S 3E	3.1H0.23ML	0.25 200		28
-1							
041291	LOWNET+	LN 786	12.5	5.0DWR	LCLACKMANNAN, CENTRAL		1
	202820.90	292.98/ 693.90	0.9 0.9		56.126	-3.722	2
13 19	81 0.09	0.3 0.5 B A*C COALFIELD TYPE					3
EBH Z	202824.91	P 11D27.89	S 3E				19
EAU Z	202827.59	P 3E 32.66	S 2E				36
EAB Z	202828.11	P 3E 33.92	S 3E	3.2H0.32M	0.25 200		40
EDI NS	2028			2.5H0.45ML	0.25 200		40
EDI EW	2028			4.8H0.41ML	0.25 200		40
EAB Z	202828.20	P 2E					39
ELO Z	202828.22	P 3E 33.28	S 3E				38
EDU Z	202832.58	P 2E 40.54	S 3E				64
PCO Z	202826.42	P 2EU30.54	S 3				28
PGB Z	202831.73	P 2E 39.40	S 2				59
PGB NS	2028			3.7H0.20ML	0.25 200		59
PGB EW	2028			3.5H0.20ML	0.25 200		59
-1							
041291	LOWNET+	LN 786	12.5	5.0DWR	LCLACKMANNAN, CENTRAL		1
	221712.34	292.13/ 693.53	0.0 0.9		56.122	-3.735	2
14 20	83 0.36	0.9 1.5 C C*C COALFIELD TYPE					3
EBH Z	221716.45	P 2ED19.53	S 3E				20
EAU Z	221719.28	P 2E 25.01	S 3E				36
EAB Z	221719.71	P 2E 25.99	S 3E				38
ELO Z	221719.73	P 3E 26.00	S 3E				39
EDI Z	221719.93	P 2EU26.42	S 3E				41
EDI NS	2217	E		3.0H0.30ML	0.25 200		41
EDI EW	2217			5.5H0.42ML	0.25 200		41
EDU Z	221724.62	P 3E 33.50	S 3E				65
PCO Z	221717.69	P 2E 20.99	S 3				27
PGB Z	221723.31	P 2EU30.82	S 2				58
PGB NS	2217			3.7H0.21ML	0.25 200		58
PGB EW	2217			3.3H0.20ML	0.25 200		58
-1							
051291	ESKDALEMUIRES	558	12.5	5.0DG	LLANGHOLM, D & G		1
	144114.74	343.13/ 594.33	4.1 0.6		55.240	-2.894	2
5 16	191 0.08	0.5 1.7 C A*D LOCATED 10KM NORTHEAST OF LANGHOLM					3
ECK Z	144118.06	P 0IU20.22	S 1				16
ESK Z	144119.00	P 0IU21.77	S 1				22
ESK NS	1441	IU21.77		ID13.9H0.10ML	1.0 200		22
ESK EW	1441	ID		ID 4.1H0.10ML	1.0 200		22
XSO Z	144123.46	P 1IU					50
-1							
051291	LOWNET+	LN 786	12.5	5.0DG	LLOCH DAMH, HIGHLAND		1

	191434.19	186.37/ 850.69	5.4 1.2		57.496	-5.566	2
9 16	223 0.04	0.5 0.3 C A*D					3
ELO Z	191500.90	P 3E 17.82	S 3E	2.5H0.11ML	0.25	200	160
EAB Z	191501.42	P 3E 19.72	S 3E	2.3H0.09ML	0.25	200	164
EBH Z	191505.50	P 3E					187
EDU Z	191505.70	P 3E					188
MCD Z	191456.65	P 3E 73.30	S 3E				139
MCD NS	1914			09.0H0.22ML	0.25	200	139
MCD EW	1914			10.0H0.10ML	0.25	200	139
MVH Z	191449.91	P 2EU60.41	S 3E				95
KAC Z	191437.42	P 0IU39.78	S 1				16
KPL Z	191437.80	P 1ID40.42	S 2				18
KPL NS	1914			4.6H0.11ML	2.5	200	18
KPL EW	1914			8.3H0.15ML	2.5	200	18
KAR Z	191445.50	P 2E 53.65	S 3				66
-1							
061291	LOWNET+	LN 786	12.5	5.0DWR	LCLACKMANNAN,CENTRAL		1
	541 7.59	292.58/ 694.04	0.7 0.8		56.127	-3.728	2
14 19	81 0.08	0.2 0.4 B A*C	COALFIELD TYPE				3
EBH Z	054111.62	P 1ID14.70	S 2E				19
EAU Z	054114.42	P 2ED19.50	S 3E				36
ELO Z	054114.91	P 3E 20.10	S 3E				38
EAB Z	054115.00	P 3E 20.10	S 3E				39
EDI Z	054115.28	P 2ED20.81	S 3E	2.3H0.35M	0.25	200	41
EDI NS	0541	E	E	2.6H0.31ML	0.25	200	41
EDI EW	0541	E	E	3.5H0.40ML	0.25	200	41
EDU Z	054118.92	P 3E 27.82	S 3E				64
PCO Z	054113.19	P 2E 17.20	S 3				28
PGB Z	054118.52	P 2E 26.14	S 3				59
PGB NS	0541			2.3H0.21ML	0.25	200	59
PGB EW	0541			2.4H0.18ML	0.25	200	59
-1							
061291	KYLE	KY 535	12.5	5.0DG	LLOCH DAMH,HIGHLAND		1
	175026.23	186.25/ 851.10	5.4 0.6		57.500	-5.568	2
5 16	254 0.03	0.7 0.9 C A*D					3
KAC Z	175029.50	P 0IU31.83	S 2E				16
KPL Z	175029.87	P 2E 32.60	S 2E				19
KPL NS	1750			5.8H0.11ML	1.0	200	19
KPL EW	1750			10.5H0.12ML	1.0	200	19
KAR Z	175037.50	P 3E					67
-1							
061291	CORNWALL			5.0ABW	RNANTES,FRANCE		1
	1933 6.43	543.29/-274.68	5.0 3.1		47.413	-0.100	2
8474	354 0.12	361.8395.5 D D*D					3
CGH Z	193411.50	P 1					474
CBW Z	193411.82	P 1					478
CSA Z	193412.00	P 2					480
CCO Z	193412.27	P 1					482
CR2 Z	193412.52	P 1 60.00	S 2	4.0 H0.08M	1.0	200	482
CCA Z	193412.90	P 1					487
CPZ Z	193415.11	P 1					505
CR2 NS	1934			4.0 H0.08ML	1.0	200	482
CR2 EW	1934			4.5 H0.06ML	1.0	200	482
-1							
061291	KYLE	KY 535	12.5	5.0DG	LLOCH DAMH,HIGHLAND		1
	193740.00	187.04/ 849.80	5.8 0.1		57.489	-5.554	2
4 15	246 0.01	0.0 0.0 C A*D					3
KAC Z	193743.14	P 0IU45.42	S 2E				15
KPL Z	193743.50	P 3E 46.09	S 2E				18
KPL NS	1937	E	E	9.1H0.10ML	0.25	200	18
KPL EW	1937	E	E	16.0H0.12ML	0.25	200	18
-1							
071291	LEEDS+	LD557	12.5	5.0WRIGHT	LRETFORD,NOTTS		1
	52431.64	469.27/ 382.46	0.5 1.1		53.334	-0.960	2
9 39	190 0.33	1.8 2.0 D C*D	COALFIELD TYPE, EAST OF				3
HPK Z	052445.82	P 3E 56.70	S 2				82
HPK NS	0524			8.6H0.19ML	0.25	200	82
HPK EW	0524			8.0H0.20ML	0.25	200	82
LWH Z	052450.51	P 3E 64.39	S 3				113
LRN Z	052453.60	P 3E					132
KBI Z	052438.35	P 3E 44.58	S 3				39
CWF Z	052444.50	P 3E 53.21	S 3				70
CWF NS	0524			4.5H0.07ML	0.25	200	70
CWF EW	0524			5.5H0.10ML	0.25	200	70
-1							
071291	SHETLAND	SH673		5.0BS	LORKNEY ISLANDS		1
	16 430.55	345.89/1036.64	1.7 1.4		59.213	-2.948	2
5132	346 0.16	2.1 1.2 C B*D					3
LRW Z	160454.20	P 2E 71.20	S 3E				143
LRW NS	1604			05.5H0.14ML	0.25	200	143
LRW EW	1604			05.0H0.12ML	0.25	200	143
SAN Z	160452.10	P 2E 67.50	S 3E				132
WAL Z	160453.30	P 2E					139
-1							
071291	LOWNET+	LN 786	12.5	5.0DG	LSCALPAY,HIGHLAND		1
	162151.21	159.50/ 830.72	2.5 1.7		57.304	-5.993	2
18 21	250 0.47	4.9 3.5 D C*D					3
EAB Z	162217.52	P 2E 36.65	S 3E				160
ELO Z	162218.30	P 3E 37.70	S 3E				167
EBH Z	162221.70	P 3E					192
EDU Z	162222.82	P 3E					200
EAU Z	162225.80	P 3E 44.60	S 4E				225
EDI Z	162227.6	P 4E 52.42	S 3E	3.3H0.18M	0.25	200	231
EDI NS	1622	E	E	5.9H0.21ML	0.25	200	231
EDI EW	1622	E	E	5.5H0.15ML	0.25	200	231
MCD Z	162218.81	P 2E 38.12	S 3E				168
MCD NS	1622			3.2H0.20ML	1.0	200	168
MCD EW	1622			4.0H0.12ML	1.0	200	168
MME Z	162220.31	P 2E					183
MVH Z	162212.10	P 2E 27.61	S 3E				128
KPL Z	162155.24	P 1IU57.48	S 2				21
KPL NS	1621			4.8H0.30ML	2.5	200	21
KPL EW	1621			3.1H0.19ML	2.5	200	21

KAR Z	162158.66		P OIU64.48	S 2			44
KAC Z	162159.97		P 2EU65.55	S 2			47
KNR Z	162205.21		P 2E 16.15	S 3			82
	-1						
131291	JERSEY				5.0	LST AUBINS BAY, JERSEY	1
	25939.78	391.06/	-87.07	8.2 0.1		49.116 -2.123	2
	10 9 294 0.08	0.9	1.0 C A*D	SOUTH OF ST	AUBINS BAY		3
JQS Z	025942.08		P 1 43.61	S 2			9
JRS Z	0259		43.73	S 2			9
JRS	NS0259				6.4 HO.07ML	1.0 200	9
JRS	EW0259				5.6 HO.09ML	1.0 200	9
JSA Z	025942.10		P 1 43.79	S 2			9
JQW Z	025942.20		P 1				10
JVM Z	025942.58		P 1 44.42	S 2			13
JLP Z	025942.90		P 1 45.09	S 2			14
	-1						
141291	UK+				5.0ABW+	LBOULOGNE, FRANCE	1
	133054.46	672.58	91.09	0.4 3.6		50.655 1.857	2
	27 72 140 0.69	2.1	2.9 D D*D				3
TFO Z	133106.37		P 1ID15.50	S 1E			72
WOR Z	133113.90		P 1I 29.32	S 2E			118
TEB Z	133115.92		P 1IU				122
TSA Z	133117.77		P 2ED				136
TCR Z	133118.90		P 1IU				147
TBW Z	133120.60		P 1ED				156
RQR Z	133121.12		P 1E 43.00	S 1E			168
SNF Z	133121.84		P 1E 43.93	S 1E			173
AUL Z	133123.27		P 1E 47.46	S 1E			179
APA Z	133124.13		P 1IU				185
AWH Z	133129.21		P 1EU				229
AWI Z	133131.71		P 3E				244
LCH Z	133131.80		P 1E				265
ABA Z	133132.19		P 2EU				253
STI Z	133133.40		P 1E				263
JLP Z	133141.36		P 2E				325
JSA Z	133142.22		P 2E				332
JVM Z	133142.31		P 2E				333
HGH Z	133144.18		P 1I				345
HAE Z	133144.30		P 1I				344
HTR Z	133149.41		P 1E 94.39	S 2E			390
SBD Z	133154.64		P 1I				433
	-1						
151291	WALES				5.0	ORITCHIELLLEYN, GWYNEDD	1
	191425.83	239.42/	343.32	23.6 1.7		52.963 -4.391	2
	15 3 98 0.07	0.4	0.8 B A*B	LLEYN AFTERSHOCK			3
WCB Z	191434.52		P 1IU40.30	S 3			47
WCB	NS1914				5.0 HO.09ML	2.5 200	47
WCB	EW1914				9.0 HO.10ML	2.5 200	47
YRC Z	191432.55		P 1ID				34
YRE Z	191429.65		P 1IU				3
WPM Z	191434.19		P 1IU40.07	S 3			46
WLF Z	191432.75		P 2E 37.42	S 2			36
WME Z	191434.45		P 1ID40.53	S 2			49
YLL Z	191431.30		P 1IU				25
WFB Z	191433.16		P 1ID38.30	S 2			39
YRH Z	191431.00		P 1IU34.50	S 2			22
	-1						
201291	LOWNET+	LN788		112.5	5.0DWR	LCLACKMANNAN, CENTRAL	1
	20 130.95	291.95/	693.97	1.2 1.1		56.126 -3.738	2
	14 20 82 0.15	0.4	0.7 B A*C	COALFIELD TYPE			3
EBH Z	200135.00		P 1ID38.06	S 2E			20
ELO Z	200137.61		P 3E 43.39	S 3E			38
EAU Z	200137.75		P 2ED42.79	S 2EU			36
EAB Z	200138.20		P 2E 43.35	S 3E			38
EDI Z	200138.64		P 2E 44.00	S 3E	4.5HO.48M	0.25 200	41
EDI	NS2001				3.8HO.39ML	0.25 200	41
EDI	EW2001				6.0HO.43ML	0.25 200	41
PCO Z	200136.45		P 2EU39.75	S 3			27
PGB Z	200141.86		P 3E 49.33	S 3			58
PGB	NS2001				3.5HO.27ML	0.25 200	58
PGB	EW2001				4.0HO.25ML	0.25 200	58
	-1						
231291	KYLE	KY 538		12.5	5.0DG	LSTRATHCARRON, HIGHLAND	1
	105352.39	197.14/	838.74	2.9 0.2		57.394 -5.376	2
	6 13 166 0.14	0.9	29.6 C C*C				3
KAC Z	105355.14		P 0ID56.73	S 1			13
KPL Z	105356.08		P 2EU58.29	S 1			18
KPL	NS1053				13.0HO.14ML	0.25 200	18
KPL	EW1053				10.8HO.13ML	0.25 200	18
KSB Z	105356.39		P 1ID59.16	S 2			21
	-1						
241291	LOWNET+	LN788		12.5	5.0DWR	LMULL, STRATHCLYDE	1
	55415.74	143.32/	718.45	8.3 1.5		56.289 -6.148	2
	21 73 255 0.29	2.0	1.8 C B*D				3
EAB Z	055434.20		P 2E 47.71	S 3E			113
ELO Z	055440.60		P 3E 33.82	S 3E			152
EBH Z	055441.21		P 3E 59.90	S 3E			164
EAU Z	055443.00		P 3E 63.80	S 3E			175
EDI Z	055444.27		P 3E 66.29	S 3E	2.9HO.20M	0.25 200	189
EDI	NS0554				3.9HO.10ML	0.25 200	189
EDI	EW0554				2.6HO.19ML	0.25 200	189
KAR Z	055427.42		P 2E 36.68	S 3			73
KSB Z	055434.21		P 2E				112
KPL Z	055435.40		P 2ED49.50	S 3			121
KPL	NS0554				6.0HO.13ML	0.25 200	121
KPL	EW0554				8.5HO.12ML	0.25 200	121
PMS Z	055432.22		P 2EU43.67	S 3			100
PGB Z	055435.28		P 3E 48.45	S 3			117
PGB	NS0554				8.4HO.17ML	0.25 200	117
PGB	EW0554				8.9HO.18ML	0.25 200	117
PCO Z	055436.88		P 3E 51.80	S 3			132
PCA Z	055437.41		P 2ED				135
	-1						

251291LOWNET+	LN789	5.0DWR/DG	LBEN ALDER,HIGHLAND	1	
172241.31	244.39/ 772.25	2.4 1.9	56.816 -4.550	2	
28 26 102 0.26	0.7 0.8 C B*C WEST OF BEN ALDER			3	
ELO Z 172252.10	P 0IU61.68	S 3		64	
EAB Z 172253.32	P 0IU64.20	S 3		71	
EBH Z 172256.49	P 0IU67.80	S 3		90	
EDU Z 172257.95	P 1IU70.00	S 3		99	
EAU Z 172302.70	P 2E 17.20	S 3		128	
EDI Z 172303.01	P 2E 17.90	S 2	4.8H0.10M 1.0 200	130	
EDI NS1723			6.1H0.09ML 1.0 200	130	
EDI EW1723			6.9H0.10ML 1.0 200	130	
EBL Z 172305.82	P 2E 23.96	S 3		149	
ESY Z 172306.82	P 3E 25.90	S 4		156	
MCD Z 172301.00	P 3E 14.30	S 3E		116	
MCD NS1723			06.1H0.06ML 01.0 200	116	
MCD EW1723			06.1H0.07ML 01.0 200	116	
MDO Z 172253.10	P 2E			71	
MVH Z 172301.63	P 2E			125	
KAC Z 172256.21	P 1IU67.12	S 3		89	
KNR Z 172246.21	P 0IU49.55	S 2		26	
KSB Z 172253.10	P 2E 61.83	S 2		69	
KAR Z 172255.03	P 2E 64.32	S 2		79	
KPL Z 172256.59	P 1IU67.30	S 2		89	
KPL NS1722			9.5H0.13ML 1.0 200	89	
KPL EW1722			11.0H0.11ML 1.0 200	89	
-1					
271291 ESK+	ES 561	12.5	5.0DG	LBEATTOCK,D & G	1
14934.07	299.40/ 601.96	6.3 1.3		55.301 -3.585	2
17 24 158 0.08	0.3 0.4 B A*C				3
ESK Z 014938.70	P 0IU42.05	S 2			24
ESK NS0149	IU42.05	S	ED13.8H0.10ML 1.0 200		24
ESK EW0149	IU	S	E 16.1H0.09ML 1.0 200		24
ECK Z 014940.04	P 0IU44.24	S 2			32
XDE Z 014948.69	P 2EU59.55	S 3			89
XSO Z 014949.21	P 3E				87
XAL Z 014951.40	P 4E 63.65	S 3			100
GAL Z 014948.21	P 4IU58.56	S 4			87
GAL NS0150			6.1H0.08ML 1.0 200		87
GAL EW0150			5.5H0.07ML 1.0 200		87
GIM Z 014954.79	P 4ED69.69	S 4			126
EAU Z 014944.50	P 2EU52.20	S 2E			61
EBL Z 014944.63	P 1IU52.38	S 2E			63
EDI Z 014946.32	P 3E 55.40	S 2E			74
EDI NS0149	E	E	4.5H0.10ML 1.0 200		74
EDI EW0149	E	E	2.6H0.10ML 1.0 200		74
EBH Z 014951.22	P 3E 63.29	S 3E			106
EAB Z 014952.00	P 3E				110
ELO Z 014954.10	P 4E 70.12	S 3E			130
-1					
291291 CORNWALL			5.0ABW	LTREVOSE HEAD,CORNWALL	1
125156.53	192.12/ 104.02	8.1 0.6		50.798 -4.950	2
7 39 220 0.15	2.6127.6 D C*D NORTHEAST OF TREVOSE HEAD				3
CSA Z 125205.52	P 1 U11.31	S 1			50
CCA Z 1252	16.97	S 2			71
CR2 Z 1252	17.11	S 2			72
CR2 NS1252			4.0 H0.08ML 0.25 200		72
CR2 EW1252			4.5 H0.05ML 0.25 200		72
CBW Z 1252	17.32	S 2			73
CCO Z 1252	18.37	S 2			76
HTL Z 1252	08.53	S 2			39
-1					
301291 LOWNET+	LN 789	12.5	5.0DWR/DG	LMULL,STRATHCLYDE	1
215359.87	142.40/ 721.70	9.2 0.8		56.318 -6.166	2
7103 323 0.25	6.4 4.2 D D*D MAGNITUDE FROM VERTICALS				3
PMS Z 215416.41	P 2E				103
EAB Z 215418.62	P 1ID32.11	S 3E	3.3H0.10ML 0.25 200		114
PGB Z 215419.37	P 2ED				119
PCO Z 215421.00	P 3E				134
ELO Z 215423.48	P 3E 41.20	S 3E	1.2H0.10ML 0.25 200		153
-1					
311291SHETLAND+	SH677	12.5	5.0BS	RNORTHERN NORTH SEA	1
53422.90	722.35 1366.51	4.7 3.3		62.041 4.170	2
24114 259 0.39	3.0 1.8 D C*D				3
EDU Z 053559.18	P 3E 128.1	S 3E			736
ELO Z 053602.30	P 3E 73.6	S 3E			766
EBH Z 053604.90	P 3E		0.25 200		781
ESY Z 053606.10	P 3E				786
EDI Z 053606.90	P 3E 82.30	S 3E	4.8H0.18M 0.25 200		802
EDI NS0536			5.1H0.19ML 0.25 200		802
EDI EW0536			3.7H0.22ML 0.25 200		802
EAB Z 053610.0	P 3				814
LRW Z 053513.20	P 2E 48.30	S 3E			358
LRW NS0535			07.7H0.05ML 01.0 200		358
LRW EW0535			08.5H0.16ML 01.0 200		358
SAN Z 053513.80	P 2E 48.70	S 3E			369
MLA Z 053540.80	P 3E 96.00	S 3E			590
MFI Z 053543.30	P 3E 100.85	S 3E			613
BER Z 053452.40	P 1E				195
ASK Z 053450.80	P 1E 70.50	S 3E			182
KMY Z 053507.60	P 1E 49.60	S 4E			321
SUE Z 053441.20	P 1E				114
HYA Z 053445.70	P 1E 62.00	S 3E			145
-1					

TABLE 6 : Typical depth / crustal velocity for Britain

Depth to top of layer (km)	P-wave velocity (km/s)
0.0	4.0
2.52	5.9
7.55	6.45
18.87	7.0
34.15	8.0

$$V_p/V_s = 1.73$$

KEY TO SYMBOLS

DEPTHS (kms)



< 50



50 ≤ AND < 99



99 ≤

MAGNITUDE (Symbol Radius)

· < 1.0

· 1.0 ≤ AND < 2.0

· 2.0 ≤ AND < 3.0

· 3.0 ≤ AND < 4.0

· 4.0 ≤ AND < 5.0

· 5.0 ≤

KEY TO EPICENTRE MAPS, FIGURES 3 TO 6

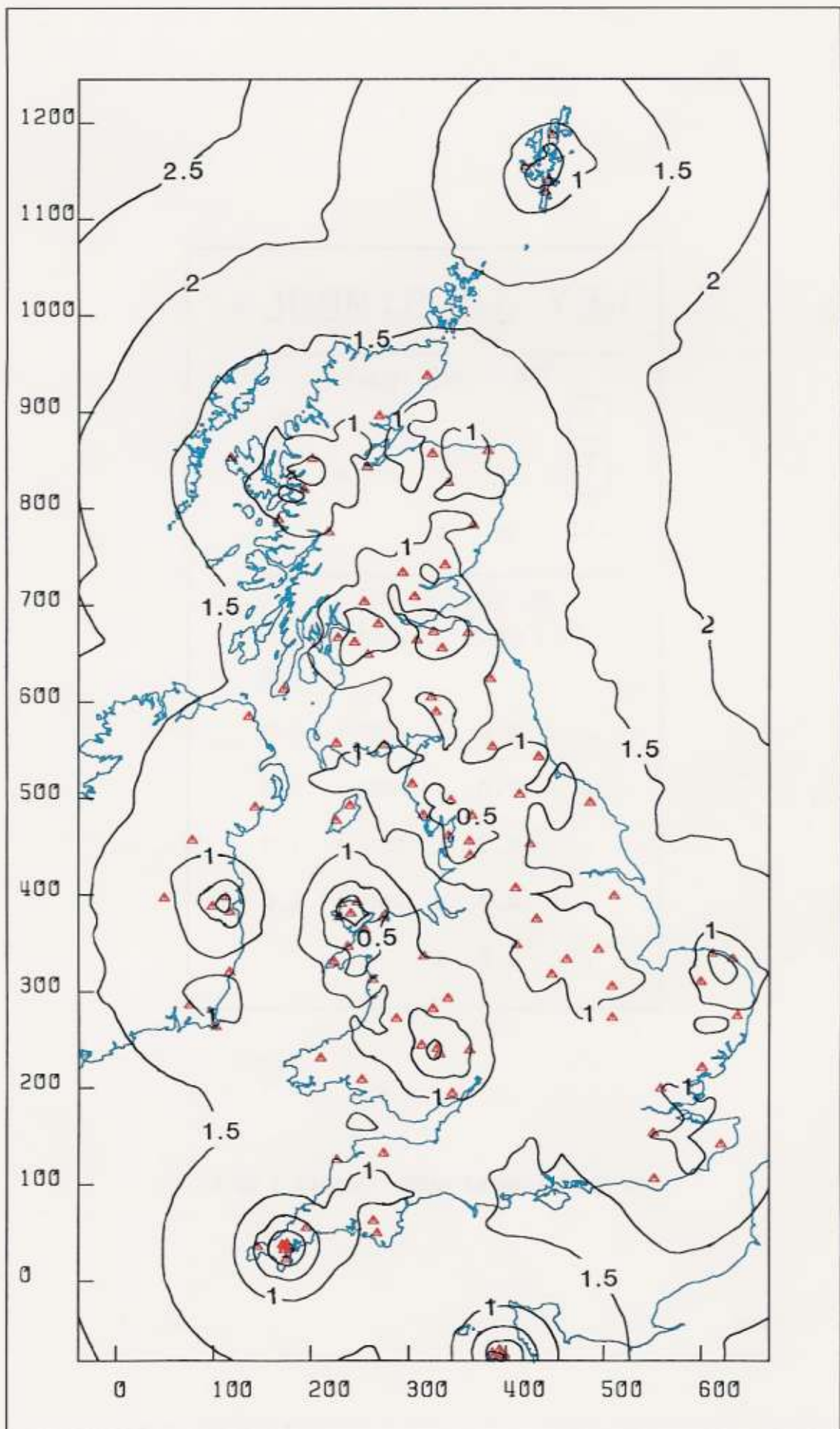


Fig.1 : BGS and DIAS seismographs (Δ) 1991, and their detection capabilities for magnitudes in 0.5ML steps, with average noise conditions.

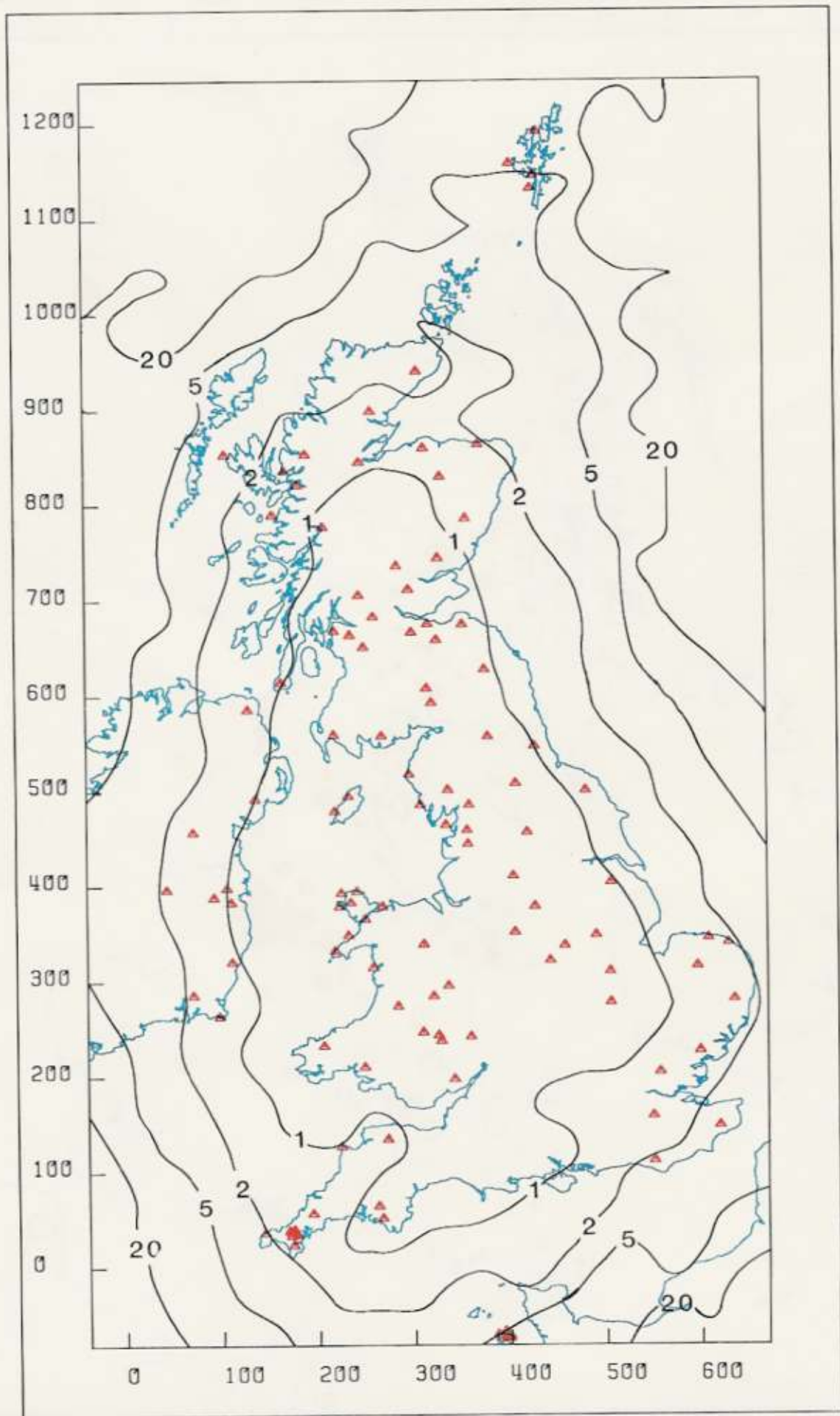


Fig.2 : Theoretical epicentral location errors in km for a magnitude 2.0ML earthquake.

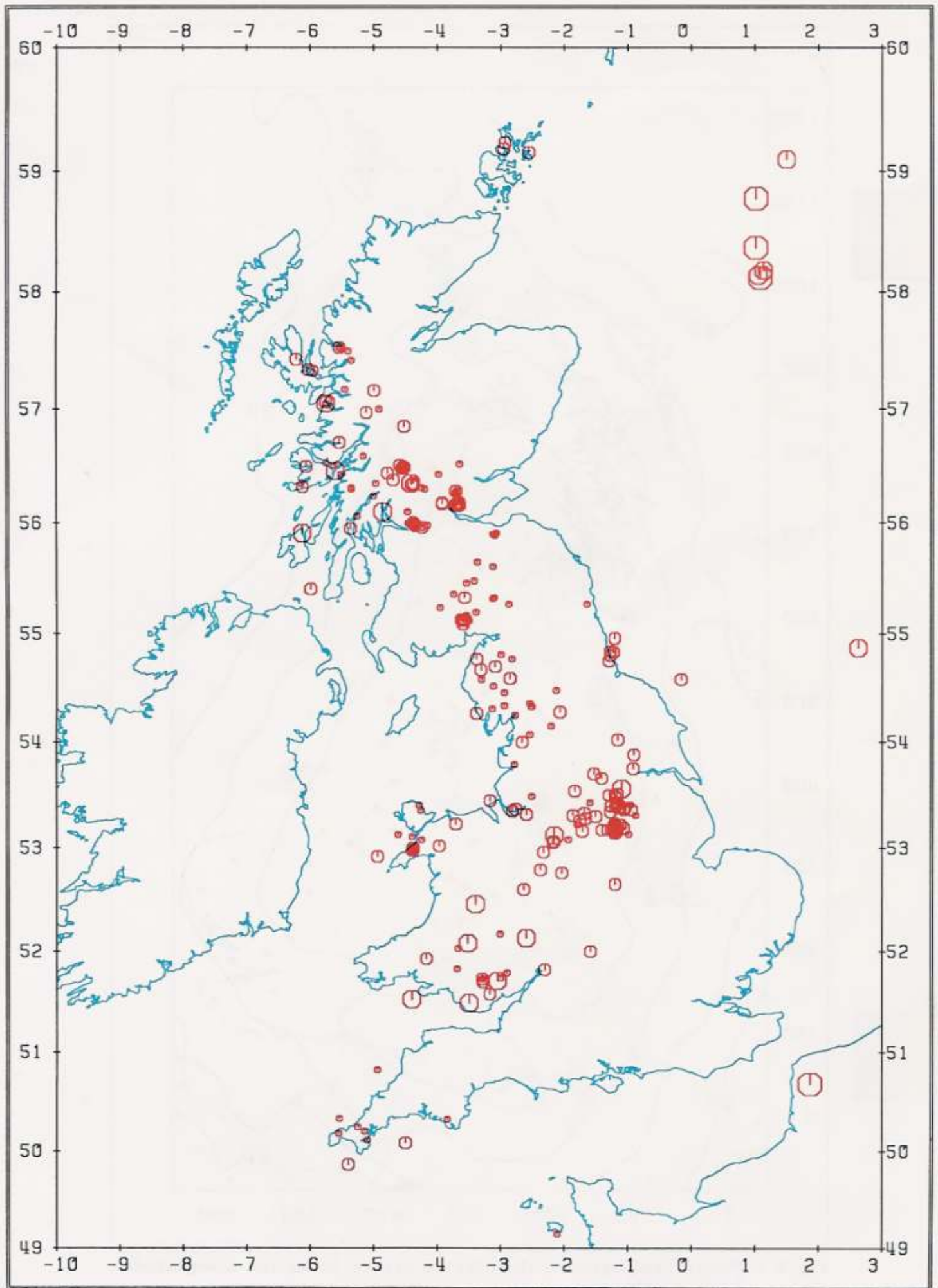


Fig.3 : Epicentres of all earthquakes, 1991.

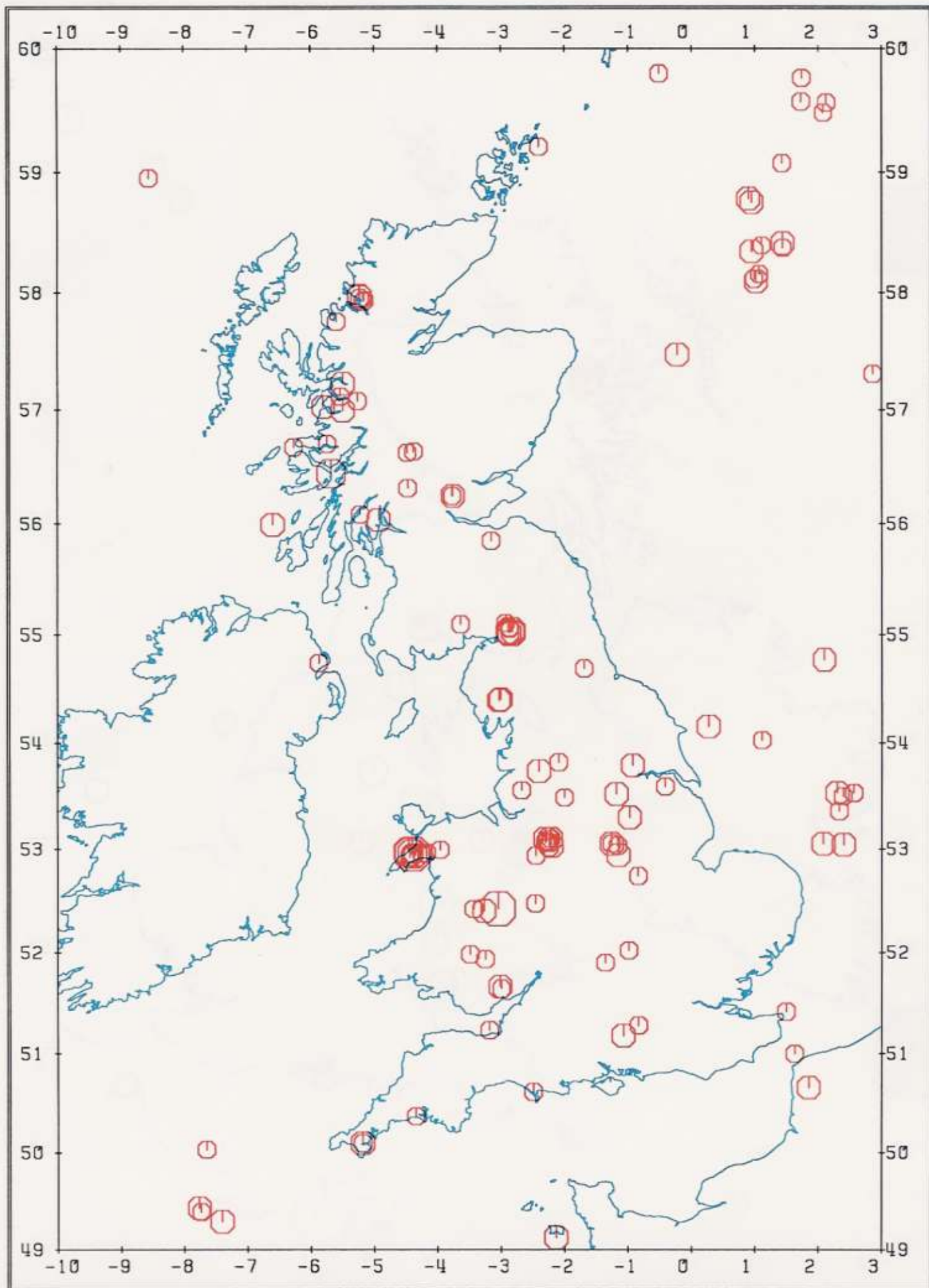


Fig.4 : Epicentres of earthquakes with magnitudes 2.5ML or greater, 1979-91.

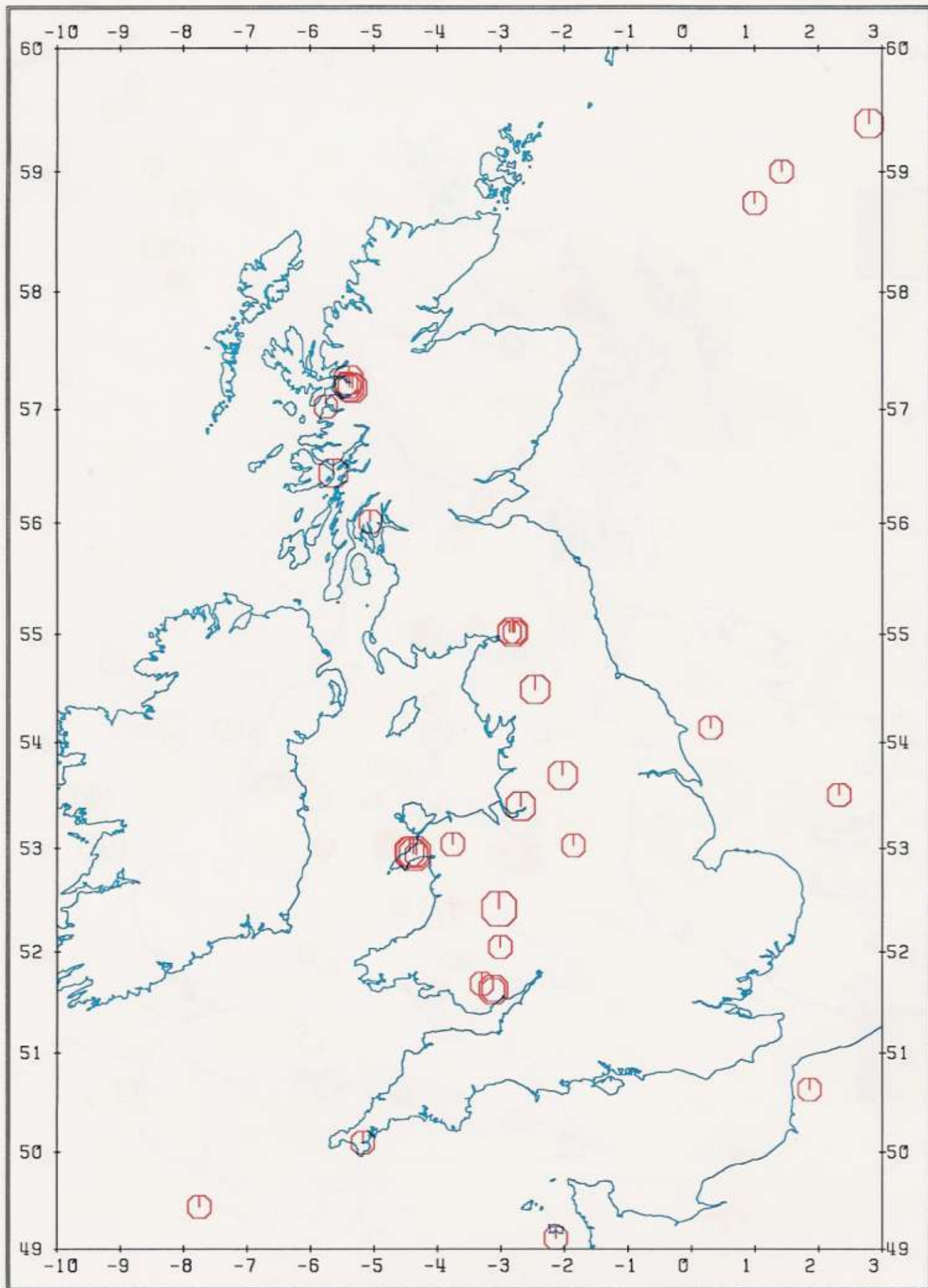


Fig.5 : Epicentres of earthquakes with magnitudes 3.5ML or greater, 1969-91.

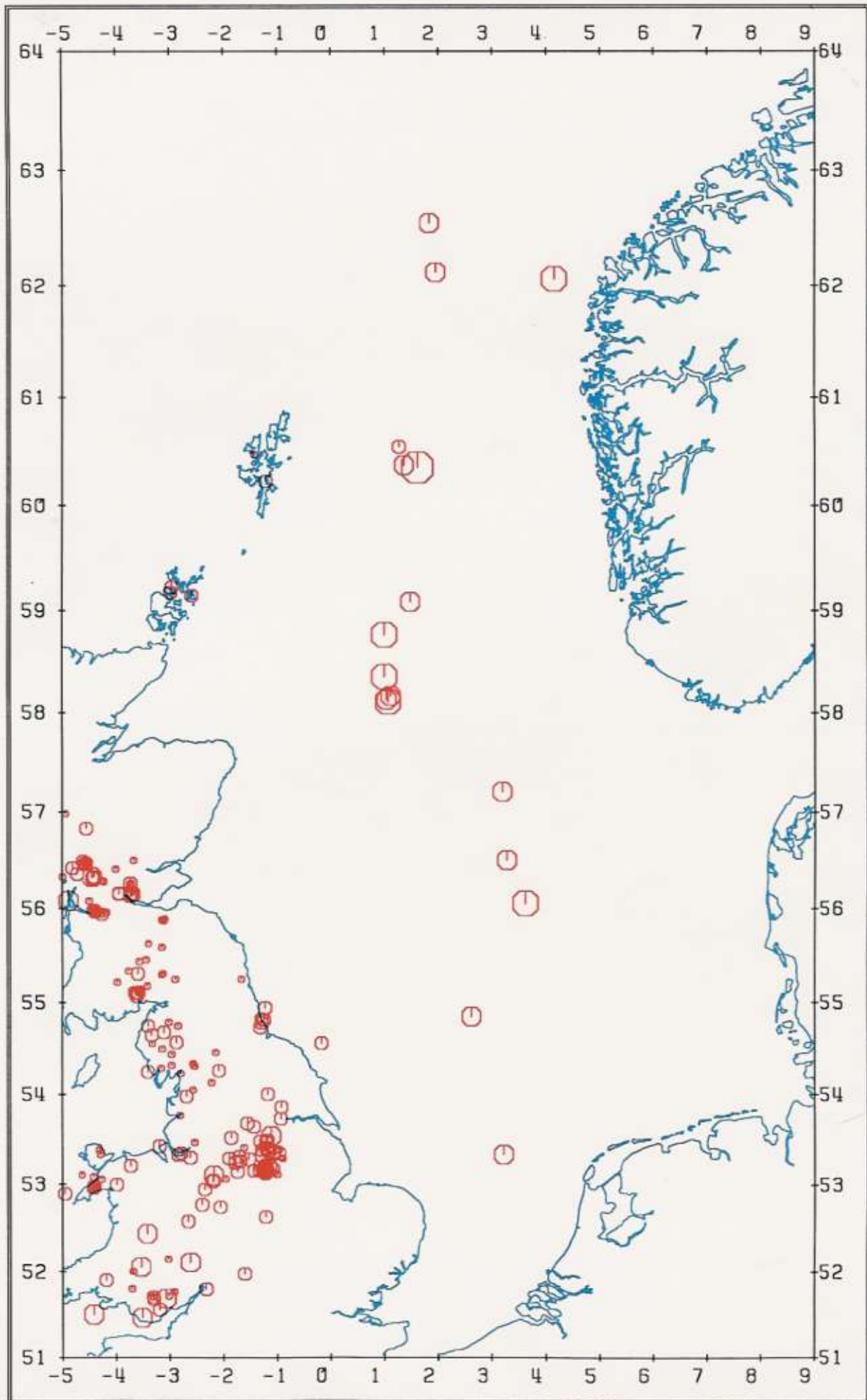


Fig.6 : Epicentres of earthquakes in the North Sea area, 1991, detected by BGS instruments.



A wall map of earthquakes in the British Isles and adjacent areas, 1980-89, is available from BGS offices at £20 each (£10 for educational purposes)