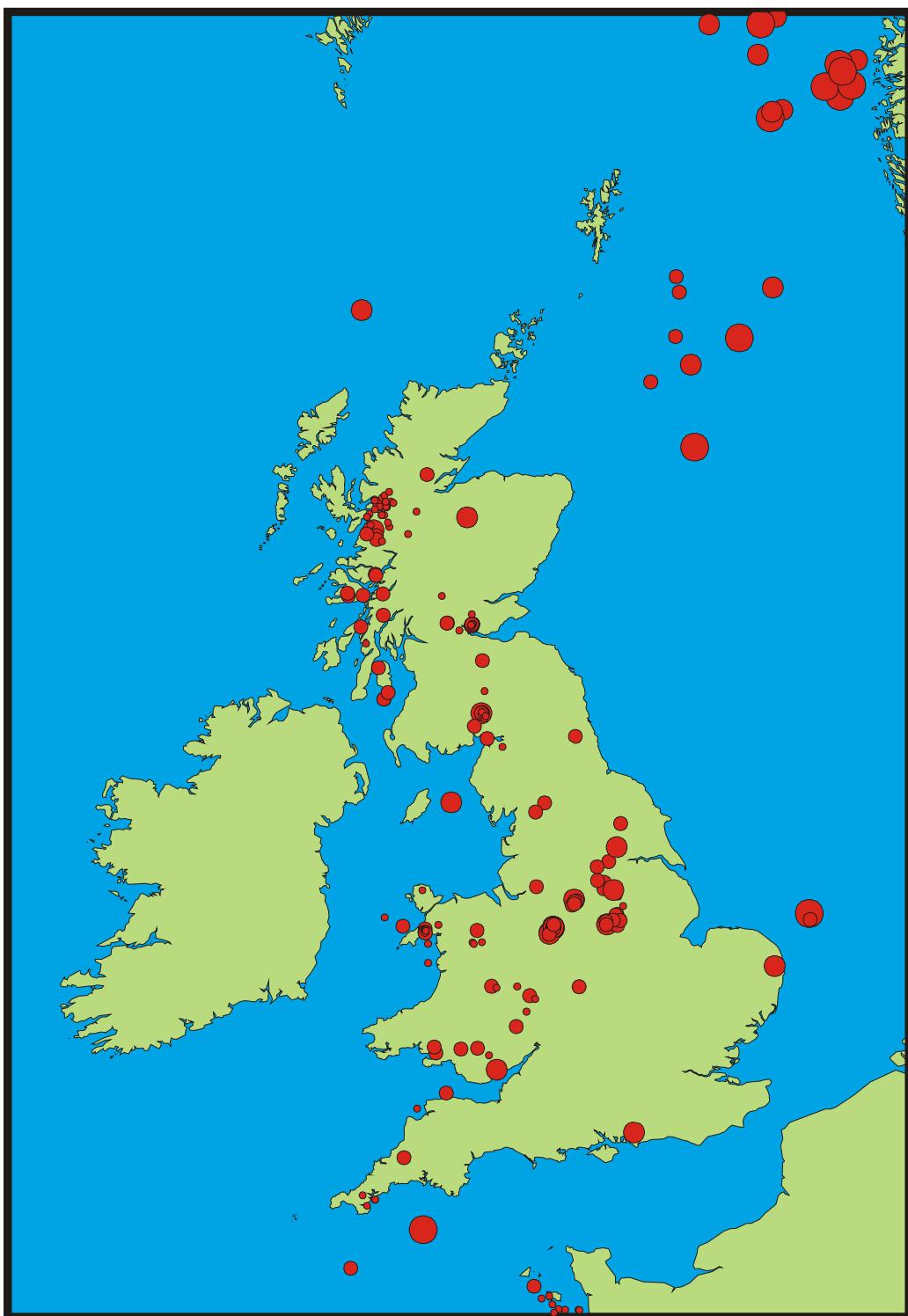




British Geological Survey

BULLETIN OF BRITISH EARTHQUAKES 1995



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Global Seismology Series

Bulletin of British earthquakes 1995

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BRITISH GEOLOGICAL SURVEY

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1. INTRODUCTION

1.1 The Bulletin

The British Geological Survey's Seismic Monitoring and Information Service operates a nationwide network of seismograph stations in the United Kingdom of Great Britain and Northern Ireland. This area, including coastal waters, is covered within the limits of the detection capabilities of the seismograph network and accuracy is extended through data exchange with neighbouring countries. Seismic phase data, location details and magnitudes are presented in the Bulletin for all earthquakes detected and located by BGS during 1995 together with maps showing the larger magnitude events since 1979 ($ML \geq 2.5$) and since 1970 ($ML \geq 3.5$). All felt areas are quoted in km^2 , and are for the area enclosed within isoseismal 3 EMS (European Macroseismic Scale, Appendix C).

1.2 Summary of 1995 Seismicity

There have been 225 earthquakes located by the monitoring network in the year, with 38 of them having magnitudes of 2.0 ML or greater. Of these, nine are known to have been felt, together with a further twelve smaller ones, bringing the total to twenty one felt earthquakes in 1995.

The two largest onshore earthquakes during 1995 had magnitudes of 2.7 ML. The first occurred at Reedham in Norfolk on 1 January. No felt reports were received and it is thought that this may be due to the depth of occurrence (6 km) or time of year. The other, occurred near Aviemore, Highlands, on 28 August and was felt in Boat of Garten, Aviemore, Grantown-on-Spey, Carrbridge and many of the surrounding villages. Felt reports described "a bang, a rumble, the building shaking" and one person reported that "ornaments moved and glasses shook"; a few reports of minor damage were also received. The earthquake was felt over $1300 km^2$ (Isoseismal 3) and located in an area where no previous seismicity had been recorded. A macroseismic survey throughout the region showed that it was felt in the epicentral area with a maximum intensity of 4 EMS (Appendix A1).

The two largest offshore earthquakes, with magnitudes of 3.6 ML, were located in the northern North Sea on 28 June and 13 November.

A swarm of earthquakes was located in the Stoke-on-Trent area in February. They had magnitudes ranging between 1.4 and 2.5 ML and six were felt by local residents. The largest (magnitude 2.5 ML, Appendix A2) was felt throughout the Stoke-on-Trent area, with intensities of at least 4 EMS in the epicentral area. The felt area for the event was $720 km^2$ (Isoseismal 3). From the available data (nearest BGS station some 25 km away), many of these events had characteristics typical of natural earthquakes but with some showing characteristics typical of mining-induced earthquakes. Similar swarms in the area were detected in the mid 1970's, early 1980's and early 1990's.

Near Newcastle-Under-Lyme, on 22 February, a magnitude 2.3 ML event was felt by local residents in Newcastle-Under-Lyme, Madeley and Stoke-on-Trent. They reported strong shaking and the felt area was calculated to be $200 km^2$ (Isoseismal 3). The signal recorded by the BGS Keyworth network showed that the source was shallow (presence of surface

waves) and it is thought to be related to the nearby mines in the region. Two other shallow events, which were located in the same area, occurred on 14 October (magnitude 1.5 ML) and 29 November (magnitude 2.0 ML); the latter was felt with intensities of at least 2 EMS.

On 11 March, in the Irish Sea, a magnitude 2.3 ML earthquake was located 12 km east of Ramsey, Isle of Man. It was not felt and locates in an area where no previous seismicity has been detected.

Near Cardiff, a magnitude of 2.2 ML earthquake was detected on 13 March. No felt reports were received. It located in an area where no other seismicity has been detected in the past.

In the southern North Sea, on 2 May, a magnitude 3.4 ML earthquake was located 65 km offshore of Great Yarmouth, United Kingdom, in the south-west part of the Lemen gas field. It located in an area which has had a history of earthquakes and in the same general area as the magnitude 5.1 ML earthquake of 9 February 1958, which was felt with an intensity of 5 EMS.

In the English Channel, 55 km south of Plymouth, a magnitude 3.1 ML earthquake was located 17 August. It occurred in an area with no recent history of seismic activity. Although events of this size are normally felt, no felt reports were received.

Near Horndean, in Hampshire, on 9 September, a magnitude 2.5 ML earthquake was located at a depth of 9.3 km in an area with no previous recent seismicity. Despite its magnitude, no felt reports were received.

Two events some 9 km south west of Mansfield on 11 October with magnitudes of 1.9 and 2.4 ML; the latter was felt by local residents in South Normanton with intensities of at least 3 EMS. These events occur at depths of 6.5 and 6.8 km and the absence of surface waves suggest that they are not related to coal-mining activity.

Twenty events in the northern North Sea, with magnitudes ranging between 1.3 and 3.6 ML were located by the BGS and Norwegian networks.

Near Mansfield, Nottinghamshire, five events with magnitudes ranging from 0.7 to 1.7 ML have been located, one of which was felt by local residents in the Mansfield Woodhouse and Forest Town areas of Mansfield. At shallow depths of 1 km, they are believed to be of coal-mining origin.

Some 56 coalfield events with magnitudes ranging between 0.5 and 2.3 ML have been detected in 1995, thirteen of which were felt. Thirty-one of them located in the Clackmannan area in the central region of Scotland, where the magnitudes ranged from 0.5 to 1.8 ML; five of these were felt by local residents.

2. BULLETIN FORMAT

2.1 Tables

Data on the earthquakes and seismograph stations operated in 1995 are arranged as follows:

TABLE 1: This is a chronological listing of all earthquakes in and near the UK for which a reliable epicentral location could be obtained together with felt sonic events and other significant non-natural events.

TABLE 2: This is a listing of earthquakes arranged in order of decreasing latitude to facilitate identification of earthquakes in selected regions.

TABLE 3: This is a chronological listing of felt sonic events and significant non-natural events detected by the seismograph network. These events are included in Table 1 but not Table 2.

TABLE 4: This is an alphabetical listing of the geographical coordinates of seismograph stations operated in 1995 by BGS and DIAS (the Dublin Institute of Advanced Studies).

TABLE 5: This lists the arrival times of phases for the events in Table 2 at each station, together with amplitude information used for magnitude calculation.

TABLE 6: This shows the crustal seismic velocity models used for event location.

2.2 Figures

FIGURE 1: Seismograph network operational in December 1995.

FIGURE 2: Detection threshold of the seismograph stations operational in December 1995 for average background noise conditions where the detection criterion is that the signal has to significantly exceed 4 nanometres at 10 Hz on 4 stations.

FIGURE 3: Epicentral location map of all the events in 1995 that are listed in Table 2. It is estimated that the dataset is complete for the land area.

FIGURE 4: Locations of earthquakes in the UK of magnitude 2.5 ML and above in the period 1979 to 1995. It is estimated that the dataset is complete for the land area.

FIGURE 5: Locations of earthquakes in the UK of magnitude 3.5 ML and above in the period 1970 to 1995.

3. THE BGS UK SEISMOGRAPH NETWORK

3.1 Instrumentation

A standard seismic network consists of up to ten '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 onto a digital event-triggered recorder (SEISLOG). It is designed to trigger on events and write to a computer disk which is accessed from Edinburgh via a modem. Several times a day, automatic data transfers are made to the Edinburgh central computer and the events are analysed during that day providing a rapid response for location and magnitude determinations. Most of the recording centres in the UK have been upgraded to provide a SEISLOG system (Figs 1 and 2). At some centres, a continuous back-up facility is provided by the traditional magnetic tape Geostore recorders, and tapes are dispatched weekly, to Edinburgh for analysis. SEISLOGS have the advantage over the Geostore system of providing digital data, a wider dynamic range (72 db), a bandwidth of up to 40 Hz and the capacity for 32 seismic channels. The system also has the facility to auto-reboot in the event of mains power failure and this normally takes three minutes once power has recovered.

At some locations, on-line paper chart recorders display three channels to enable local operators to view earthquake data. At other stations, low-gain vertical seismometers extend the dynamic range of the system (by 34 db) to stronger motions, and low frequency microphones are used to aid the discrimination of sonic booms. In addition, strong motion accelerometers installed at several locations (near Hunterston, Torness, Cornwall, Chapelcross, Jersey, Hereford, Kyle, Swindon, NW Scotland, Kent and East Anglia) record accelerations up to 0.1 g. A broad-band station (Guralp) in Edinburgh records digitally, and provides an assessment of surface-wave (Richter magnitude) for large Global earthquakes.

Recent developments in geographic coverage of the UK are described in Walker and Browitt (1996, in press) and details of the SEISLOG system, which has been jointly developed by Bergen university and BGS are given in Utheim and Havskov (1993). In December 1995, 95% of the 138 UK stations were being recorded on a rapid access SEISLOG system.

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 2 illustrate the lower threshold magnitude for an earthquake to significantly exceed 4 nanometres of noise (average) at 10 Hz on at least four seismographs. Noise sources such as wind, waves, traffic and livestock vary considerably with time (typically 0.5 to 15 nanometres, 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 2 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 they are felt and reported to BGS by local inhabitants. The detection capabilities by this process are strongly dependent on population density.

3.3 Environmental Monitoring

The infrastructure provided by the UK nationwide seismic monitoring network, comprising remote sensing stations linked to computers, is ideal for expansion into a full-spectrum environmental monitoring network (including pollution, radioactivity and weather). An experimental station has been established some 35 km from Edinburgh where air and ground temperature, together with radioactivity measurements are being transmitted to a base station. There is the capacity to transmit data from up to 16 environmental sensors simultaneously. Hardware and software have been upgraded during the 12 month trial period to improve reliability and efficiency of data collection. Graphical display software has been developed for the PC and SEISLOG computers.

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 bulletin 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.

The velocity models used for the location of events in 1995 are given in Table 6 and were derived from a series of refraction profiles traversing Britain, LISPB (Bamford et al, 1976; Bamford et al, 1978; Assumpçao and Bamford, 1978 and Bott et al., 1985).

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 an earthquake or earthquake series occurred almost beneath a network. For events at larger distances, and where the error columns (ERH and ERZ), in the tables, are blank, the depth errors can be up to tens of kilometres. The quality factor of the event, as listed in the tables (SQD), is an indication of the depth error. As a general guide only, A*A, A*B, B*A and possibly B*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), the bulletin 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 to 1995, have been plotted in Figure 4. The data set is considered complete for these magnitudes in all localities of the onshore area. Seismicity for the period 1970 to 1995 is shown in Figure 5 with a threshold magnitude of 3.5 ML. This is the period covered by BGS instrumentation which in the early years, only consisted of the network around Edinburgh (LOWNET) and Eskdalemuir (ESK) and a station near Kyle of Lochalsh (KYL). The dataset is likely to be complete for such magnitudes.

4.4 Magnitude

All earthquakes in the bulletin 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 A_0 is that for a 'standard' magnitude zero earthquake at the same distance. The A_0 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, A_0 , strictly only applies to California, the formula is still used world-wide today. The ML magnitudes in this bulletin 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 bulletin 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 European Macroseismic Scale (EMS), (Grunthal, 1993).

5. BULLETIN CONTENT AND COMPLETENESS

5.1 The Geographical Area

The bulletin covers all of the UK land mass and its coastal waters including the North Sea to 800 kmE and 1400 kmN.

5.2 Events Included

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

Coalfield events are also included. These are small events occurring near coal workings which are believed to be caused by the redistribution of stress as the coal is extracted and, in some cases by collapse in old workings. They are indicated by C/F in the comments column of Tables 1, 2 and 5.

Acoustic disturbances, such as sonic booms from supersonic aircraft, are included when they are felt. The air-borne waves are readily identified by their slow travel time across an array or by their signature on a microphone but they are frequently reported by local people as small earthquakes. They are indicated by 'SONIC' in both the locality and comments column of Tables 1 and 3. In 1995, 5 sonic events were reported felt and all were detected by the UK network.

Significant non-natural events which received media attention and felt explosions are also included in Tables 1 and 3. The felt explosions are indicated by 'EXPL' in both the locality and comments column. In 1995, one felt explosion was detected.

5.3 Events Excluded

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

5.4 Completeness

The contours of detection threshold in Figure 2 show that the whole of the UK is covered by the seismograph network for approximately magnitude 1.5 ML, and above, at times of average ambient noise levels. High noise levels may cause this threshold to rise to about 2.3 ML. Normally, however, an earthquake of this size would be felt, if not detected, in the areas of poorer instrumental coverage. The bulletin 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 LISTED CHRONOLOGICALLY: 1995

KEY TO BULLETIN ENCODING

YearMoDy	: Year, month and day of event.
Hr Mn Secs	: Time of occurrence of event in hours, mins and secs, (UTC).
Lat	: Latitude of the event, positive latitude indicates north.
Lon	: Longitude of the event, negative longitude indicates west.
kmE	: UK National Grid Reference in kilometres east of grid origin.
kmN	: UK National Grid Reference in kilometres north of grid origin.
Dep	: Depth of the hypocentre in kilometres.
Mag	: Richter local magnitude of the event.
Locality	: A geographical indication of the epicentral area, usually the nearest town followed by the region. A key to the abbreviations used in the locality column are given below.
Int	: Maximum EMS intensity. 2+ indicates felt, no macroseismic details. 3+, 4+ etc indicates felt at 3 or 4, but no survey carried out. 3, 4, 5 etc describes the maximum EMS intensity produced by the event.
Comments	: Additional comments about the event eg: C/F, see below under comments abbreviations.

The following abbreviations are extracted from the output of the location program HYPO71 (Lee and Lahr,1975)

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 of the travel-time residuals in seconds.
ERH	: Standard error of the epicentre in kilometres. When this column is blank, the error is large and indeterminate.
ERZ	: Standard error of the focal depth in kilometres. When this column is blank, the error is large and indeterminate.
SQD	: S is quality factor ascribed to RMS, D is quality ascribed to number and distribution of stations.

Locality abbreviations

Sonic	: Sonic boom	M Glam	: Mid Glamorgan
Expl	: Explosion	Notts	: Nottinghamshire
D & G	: Dumfries and Galloway	S'Clyde	: Strathclyde
Her & Wor	: Hereford and Worcester	S Yorks(hire)	: South Yorkshire
Gtr Manchester	: Greater Manchester	W Yorks(hire)	: West Yorkshire
Lancs	: Lancashire	N Yorks(hire)	: North Yorkshire
Staffs	: Staffordshire	W Midlands	: West Midlands
Newcastle-U-Lyme	: Newcastle-Under-Lyme	Penin	: Peninsula

Comments abbreviations

Sonic	: Sonic boom
Expl	: Explosion
C/F	: Coalfield type event
...	: and felt elsewhere

TABLE 1: CATALOGUE OF EVENTS LISTED CHRONOLOGICALLY: 1995

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
1995	01	101	16	20	10.5	52.57	1.56	641.0	303.4	6.0	2.7	REEDHAM, NORFOLK	15	22	205	0.22	1.1	1.2	B*D		
1995	01	101	21	56	37.3	52.40	-3.15	321.7	278.4	12.6	0.9	KNIGHTON, POWYS	8	3	113	0.04	0.3	0.3	A*B	8KM NW OF KNIGHTON	
1995	01	107	20	04	24.9	59.33	-6.10	166.8	1056.8	17.6	2.1	NW LEWIS, OUTER HEBRIDES	10193	323	0.53			D*D		POOR LOCATION	
1995	01	108	03	54	12.6	52.16	-2.64	356.1	251.0	12.2	0.5	HEREFORD, HER & WOR	5	30	256	0.09	3.9	3.7	C*D	11KM NNE OF HEREFORD	
1995	01	109	05	38	53.34	-5.27	192.5	610.0	12.6	1.1	ISLE OF ARRAN, S'CLYDE	7	20	146	0.08	0.8	3.2	B*C	OFFSHORE, SOUTH OF ARRAN		
1995	01	110	00	55	18.8	50.18	-5.05	182.1	35.1	9.0	0.6	PENRYN, CORNWALL	8	5	320	0.01	0.2	0.2	A*D		
1995	01	110	11	24	29.2	50.18	-5.05	182.4	35.3	8.8	0.3	PENRYN, CORNWALL	7	6	312	0.01	0.2	0.1	A*D		
1995	01	110	13	54	45.9	56.13	-3.72	293.3	694.4	1.2	0.8	CLACKMANNAN, CENTRAL	12	18	103	0.10	0.4	0.6	A*C	C/F	
1995	01	113	03	18	41.3	49.19	-2.36	373.4	-78.4	9.1	0.2	JERSEY, CHANNEL ISLANDS	8	12	341	0.02	0.6	0.5	A*D	10KM W OF JERSEY	
1995	01	118	12	34	39.6	52.96	-4.38	240.3	343.3	23.1	0.5	LLEYN PENIN, GWYNEDD	19	4	86	0.08	0.3	0.5	A*A		
1995	01	119	04	28	17.8	57.03	-5.79	169.9	800.0	2.6	0.3	KNOYDART, HIGHLAND	7	13	184	0.09	1.3	4.1	B*D		
1995	01	119	20	07	36.4	56.13	-3.72	293.0	694.4	1.0	1.3	CLACKMANNAN, CENTRAL	17	19	81	0.10	0.3	0.5	A*C	C/F	
1995	01	120	07	22	46.6	56.25	-3.72	293.3	707.4	7.7	0.1	OCHIL HILLS, TAYSIDE	6	13	171	0.07	1.3	11.0	C*C		
1995	01	120	19	08	26.7	55.90	-5.65	171.9	673.7	8.2	0.9	KILMORY, STRATHCLYDE	7	62	252	0.16	2.6		C*D		
1995	01	120	19	14	40.6	56.13	-3.72	293.2	694.8	1.4	0.7	CLACKMANNAN, CENTRAL	9	18	110	0.11	0.5	0.9	A*C	C/F	
1995	01	126	05	11	55.8	56.13	-3.72	293.1	694.3	0.9	0.7	CLACKMANNAN, CENTRAL	11	19	84	0.14	0.5	0.8	A*C	C/F	
1995	01	130	18	49	57.9	54.31	-2.36	376.8	490.8	4.1	1.9	GARSDALE, CUMBRIA	16	39	102	0.10	0.4	1.8	A*C		
1995	01	130	20	24	09.4	57.32	-5.39	195.8	830.7	4.1	0.0	KILLILAN, HIGHLAND	5	13	173	0.07	0.1	1.5	A*D		
1995	01	202	08	43	21.7	59.56	2.23	638.9	1082.7	13.9	2.2	NORTHERN NORTH SEA	17176	128	0.31	1.4	2.6	C*D			
1995	01	202	21	26	09.7	57.96	0.52	549.2	899.4	17.0	3.2	CENTRAL NORTH SEA	56172	134	0.27	0.5	1.1	B*D			
1995	01	203	07	36	51.8	55.09	-3.63	296.2	578.9	11.1	1.1	DUMFRIES, D & G	8	9	130	0.06	0.5	1.0	A*B		
1995	01	204	02	22	42.9	56.13	-3.72	292.9	694.5	0.4	1.8	CLACKMANNAN, CENTRAL	20	19	82	0.09	0.2	0.4	A*C	C/F	
1995	01	207	01	50	06.3	53.34	-1.08	461.4	383.3	0.2	0.8	WORKSOP, NOTTS	7	32	209	0.26	2.8	2.2	C*D	C/F	
1995	01	207	19	39	40.9	55.21	-3.50	304.5	591.9	6.4	0.6	JOHNSTONEBRIDGE, D & G	14	11	170	0.10	0.5	2.4	B*C		
1995	01	209	13	47	53.7	57.23	-5.48	189.8	821.2	3.4	0.1	LOCH DUICH, HIGHLAND	6	5	108	0.08	0.8	2.9	B*B		
1995	01	212	15	05	49.5	57.02	-5.57	183.6	797.7	3.3	1.1	INVERIE, HIGHLAND	6	20	117	0.04	0.3	1.9	A*C		
1995	01	214	15	13	19.3	57.39	-5.64	181.5	839.3	1.8	0.2	LOCHCARRON, HIGHLAND	5	6	230	0.09	3.3	1.5	C*D		
1995	01	215	04	30	21.7	56.13	-3.72	292.8	694.9	0.5	1.0	CLACKMANNAN, CENTRAL	9	18	110	0.09	0.4	0.7	A*C	C/F	
1995	01	216	21	55	33.5	56.13	-3.71	293.6	693.9	0.5	1.0	CLACKMANNAN, CENTRAL	12	19	85	0.15	0.2	0.4	A*C	C/F	
1995	01	219	14	42	37.1	56.38	-6.03	151.4	728.6	6.1	1.7	MULL, STRATHCLYDE	19	61	159	0.06	0.2	0.9	A*D	SOUTH MULL	
1995	01	219	14	48	25.4	56.40	-6.04	150.5	730.0	6.3	1.5	MULL, STRATHCLYDE	18	59	191	0.07	0.3	0.7	A*D	SOUTH MULL	
1995	01	219	19	43	48.3	55.66	-5.40	186.1	646.1	6.5	1.2	NW ARRAN, STRATHCLYDE	12	37	193	0.09	0.7	2.0	B*D	OFFSHORE LOCATION	
1995	01	220	01	59	05.2	53.04	-2.20	386.7	348.8	3.0	2.5	STOKE-ON-TRENT, STAFFS	4+	14	6	139	0.13	0.7	1.6	A*C	FELT STOKE-ON-TRENT...
1995	01	220	16	44	38.5	53.03	-2.19	387.0	348.1	3.4	1.6	STOKE-ON-TRENT, STAFFS	9	24	195	0.11	1.5	2.0	B*D		
1995	01	220	17	44	11.9	53.30	-1.79	413.8	378.2	1.0	1.7	BUXTON, DERBYSHIRE	17	18	106	0.45	1.4	2.5	C*C	C/F	
1995	01	221	23	15	24.8	53.02	-2.18	387.7	347.3	1.6	2.2	STOKE-ON-TRENT, STAFFS	3+	16	23	120	0.12	0.4	0.5	A*C	FELT STOKE-ON-TRENT...
1995	01	222	07	51	31.8	52.97	-2.26	382.2	341.5	2.3	2.3	NEWCASTLE-U-LYME, STAFFS	20	29	95	0.13	0.5	0.7	A*C	C/F, FELT NEW-U-LYME...	
1995	01	222	10	33	09.4	53.02	-2.19	387.3	346.8	1.7	2.0	STOKE-ON-TRENT, STAFFS	13	23	159	0.17	0.8	0.9	B*C		
1995	01	222	15	21	11.6	57.38	-5.63	181.8	838.1	4.7	0.3	LOCHCARRON, HIGHLAND	8	5	221	0.04	0.5	0.4	A*D		
1995	01	222	21	15	03.0	53.03	-2.19	387.0	348.1	1.7	2.3	STOKE-ON-TRENT, STAFFS	4+	15	24	98	0.13	0.6	0.7	A*C	FELT STOKE-ON-TRENT
1995	01	222	21	17	17.0	53.02	-2.19	387.1	347.1	2.8	1.7	STOKE-ON-TRENT, STAFFS	9	23	160	0.06	0.4	0.8	A*C		
1995	01	222	23	40	18.7	53.03	-2.21	386.0	348.1	3.0	1.7	STOKE-ON-TRENT, STAFFS	3+	12	25	162	0.15	0.7	1.4	B*C	FELT STOKE-ON-TRENT...
1995	01	223	01	27	14.8	53.02	-2.21	386.2	346.8	3.9	1.8	STOKE-ON-TRENT, STAFFS	3+	12	24	160	0.26	1.4	2.3	B*C	FELT STOKE-ON-TRENT...

TABLE 1: CATALOGUE OF EVENTS LISTED CHRONOLOGICALLY: 1995 continued

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
19950223	21	14	02	4.5	386.5	348.3	5.6	1.6		STOKE-ON-TRENT, STAFFS		9	24	162	0.10	0.7	1.2	A*C			
19950224	10	31	22	0.0	53.03	-2.20	387.2	348.0	1.3	2.2	STOKE-ON-TRENT, STAFFS	3+	17	23	99	0.15	0.5	0.6	B*C	FELT STOKE-ON-TRENT...	
19950224	19	10	28	3.3	53.13	-1.01	466.0	359.4	1.0	0.6	BILSTHORPE, NOTTS		5	34	225	0.22	5.2	7.7	D*D	C/F	
19950225	03	16	55	6.6	53.03	-2.19	387.2	348.5	3.0	1.5	STOKE-ON-TRENT, STAFFS		9	23	162	0.08	0.5	1.2	A*C		
19950228	04	44	34	1.0	53.03	-2.19	387.1	348.3	5.0	1.4	STOKE-ON-TRENT, STAFFS		13	23	123	0.15	0.7	1.5	B*C		
19950301	20	52	59	1.1	54.10	-1.02	464.1	467.1	9.7	1.5	YORK, NORTH YORKSHIRE		10	35	107	0.09	0.4	1.6	A*C	15KM NNE OF YORK	
19950307	01	08	55	7.7	52.29	-2.50	366.1	265.5	12.4	0.5	TENBURY WELLS, HER & WOR		10	28	233	0.22	1.9	2.6	B*D	7KM ESE TENBURY WELLS	
19950309	02	49	57	8.8	51.70	-3.26	313.0	200.8	0.3	0.8	BARGOED, MID GLAMORGAN		6	32	257	0.06	0.9	1.4	A*D	C/F	
19950311	05	13	16	8.8	57.35	-5.53	187.6	834.0	3.2	1.1	LOCHCARRON, HIGHLAND		14	7	136	0.12	0.4	1.2	A*C		
19950311	14	44	14	6.6	54.30	-4.00	269.6	491.4	9.8	2.3	IRISH SEA		14	30	167	0.12	0.6	4.0	B*C	12KM EAST OF RAMSEY	
19950313	22	45	10	5.5	51.55	-3.13	321.9	184.3	11.0	2.2	CARDIFF, SOUTH GLAMORGAN		15	24	88	0.10	0.4	1.3	A*C		
19950315	17	35	39	3.3	56.13	-3.71	293.5	694.8	0.3	0.9	CLACKMANNAN, CENTRAL		11	18	102	0.21	0.9	1.5	B*C	C/F	
19950316	12	56	59	9.9	59.72	0.28	528.0	01095.2	14.3	1.4	NORTHERN NORTH SEA		8	91	331	0.05	1.2	0.6	B*D	EAST SHETLAND BASIN AREA	
19950316	22	42	25	4.4	52.99	-4.39	239.7	345.9	15.4	1.2	LLEYN PENIN, GWYNEDD		6	3	161	0.05	1.1	1.3	B*C	10KM NNE OF PWLLHELI	
19950318	23	44	02	5.5	62.34	2.77	647.0	01393.6	15.0	2.4	NORTHERN NORTH SEA		5	325	354	0.11			D*D		
19950319	03	38	35	4.4	54.22	-2.51	366.7	480.4	5.2	1.0	KIRKBY LONSDALE, LANCS		8	46	154	0.07	0.7		C*C	5KM E OF KIRKBY LONSDALE	
19950321	14	35	56	0.0	57.05	-4.97	220.1	799.6	4.9	0.6	INVERGARRY, HIGHLAND		6	26	202	0.03	0.8	0.7	A*D		
19950322	06	34	32	4.4	49.46	-5.39	154.3	-43.7	7.1	1.3	LIZARD POINT, CORNWALL		11	68	335	0.11	3.2	1.2	C*D	SW OF LIZARD POINT	
19950323	03	55	29	3.3	56.14	-3.72	293.0	695.1	2.4	1.0	CLACKMANNAN, CENTRAL		12	18	82	0.09	0.3	0.6	A*C	C/F	
19950325	15	42	05	8.8	53.03	-2.20	386.9	347.9	5.0	1.6	STOKE-ON-TRENT, STAFFS		13	24	161	0.09	0.5	0.9	A*C		
19950326	03	21	14	6.6	52.32	-2.59	359.8	269.3	13.2	1.2	TENBURY WELLS, HER & WOR		11	30	217	0.19	1.1	1.7	B*D		
19950329	18	05	08	0.0	51.77	-3.45	299.9	209.0	14.9	1.2	MERTHYR TYDFIL, M GLAM		8	37	159	0.09	1.0	1.4	A*C		
19950330	13	31	54	7.7	57.41	-5.49	190.3	841.4	3.3	0.4	STRATHCARRON, HIGHLAND		5	13	182	0.04	0.2	5.8	C*D		
19950331	17	34	48	4.4	55.33	-5.27	192.8	608.9	7.5	0.8	ISLE OF ARRAN, S'CLYDE		5	61	263	0.08			D*D	OFFSHORE, SOUTH OF ARRAN	
19950401	16	57	48	5.5	52.97	-4.40	238.6	344.4	18.4	0.3	LLEYN PENIN, GWYNEDD		15	2	96	0.09	0.4	0.7	A*B		
19950402	03	46	27	3.3	51.76	-3.73	280.8	208.1	10.8	1.5	NEATH, WEST GLAMORGAN		15	29	82	0.21	0.8	1.4	B*C	14KM N OF NEATH	
19950404	01	41	40	5.5	55.34	-5.28	192.3	609.9	7.6	1.1	ISLE OF ARRAN, S'CLYDE		8	61	149	0.19	1.0		C*D	OFFSHORE, SOUTH OF ARRAN	
19950404	07	38	31	6.6	57.24	-5.44	192.7	821.3	2.5	0.6	LOCH DUICH, HIGHLAND		6	3	149	0.18	5.1	4.9	D*C		
19950404	18	33	56	2.2	56.12	-3.73	292.6	693.3	1.5	0.9	CLACKMANNAN, CENTRAL		9	20	114	0.10	0.5	0.8	A*C	C/F	
19950407	19	25	06	1.1	52.41	-1.76	416.5	279.6	16.7	1.1	BIRMINGHAM, W MIDLANDS		10	47	180	0.31	4.0		C*C		
19950408	14	28	43	8.8	49.32	-2.49	364.7	-64.3	8.4	1.3	N JERSEY, CHANNEL ISLES		8	23	344	0.03	1.1	6.2	C*D	20KM NW OF JERSEY	
19950409	13	11	20	3.3	59.11	0.22	527.2	21026.4	8.6	1.3	NORTHERN NORTH SEA		8	131	345	0.08	2.7	1.4	C*D		
19950412	12	30	25	1.1	57.32	-5.40	195.2	830.4	5.6	0.0	KILLILAN, HIGHLAND		6	12	169	0.09	0.8	1.8	A*C		
19950413	20	34	12	6.6	58.81	0.51	544.8	994.1	8.0	2.2	NORTHERN NORTH SEA		13	167	248	0.11	2.0	1.9	B*D		
19950414	01	23	45	7.7	53.03	-4.16	254.9	350.7	13.8	-0.1	BEDDGELERT, GWYNEDD		15	12	133	0.11	0.4	1.0	A*B	5KM NW OF BEDDGELERT	
19950418	22	37	09	9.9	56.96	-5.45	190.2	791.2	2.5	0.6	LOCH MORAR, HIGHLAND		9	24	139	0.23	0.5	0.9	B*C		
19950419	20	20	11	6.6	55.77	-3.51	305.5	654.2	6.9	1.0	CARLUKE, STRATHCLYDE		19	9	72	0.13	0.4	0.5	A*B	18KM ENE OF CARLUKE	
19950421	00	37	25	5.5	53.70	-1.24	450.5	423.4	0.3	1.3	KNOTTINGLEY, W YORKS		7	38	155	0.18	1.1	1.6	B*C	C/F	
19950421	18	16	18	3.3	62.31	1.20	565.7	11385.0	19.8	2.9	NORTHERN NORTH SEA		24	217	232	0.29	2.4	3.1	B*D		
19950421	21	22	20	4.4	53.44	-1.31	445.9	394.4	0.3	1.1	ROOTHERHAM, S YORKSHIRE		11	26	231	0.22	1.2	0.9	B*D	C/F	
19950422	03	20	09	3.3	50.11	-5.18	172.9	28.0	5.9	0.6	CONSTANTINE, CORNWALL		8	3	125	0.01	0.1	0.2	A*B		
19950423	09	35	30	8.8	57.23	-5.48	189.9	821.3	4.1	0.1	LOCH DUICH, HIGHLAND		6	4	108	0.07	0.8	1.8	A*B		
19950424	06	58	40	2.2	57.03	-5.71	175.2	799.8	6.2	0.2	KNOYDART, HIGHLAND		7	15	155	0.06	0.5	0.7	A*C		
19950425	21	26	40	8.8	53.04	-1.10	460.5	350.0	0.4	1.3	NOTTINGHAM, NOTTS		8	35	155	0.36	2.7	4.1	C*C	C/F, 9KM NE OF NOTTINGHAM	
19950426	23	34	39	1.1	53.02	-2.19	387.1	346.8	0.4	1.4	STOKE-ON-TRENT, STAFFS		11	23	120	0.14	0.7	1.0	A*C	C/F	

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Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
19950501	23	30	48.6	61.37	2.45	638.0	1284.6	7.1	2.5	NORTHERN	NORTH SEA		22129	179	0.47	1.6	2.0	C*D			
19950502	04	23	34.0	61.97	2.23	621.8	1350.1	9.5	2.1	NORTHERN	NORTH SEA		18154	208	0.32	2.6	2.6	C*D			
19950502	23	14	44.0	53.10	2.19	680.7	363.8	2.3	3.4	SOUTHERN	NORTH SEA		9	58	316	0.11	5.2	3.8	D*D	65KM NE OF GT YARMOUTH	
19950506	08	21	52.2	57.24	-5.72	175.8	822.6	6.9	-0.2	ISLE OF	SKYE, HIGHLAND		6	12	188	0.08	1.0	1.4	A*D	SOUTH SKYE	
19950507	11	19	20.0	52.64	-4.32	243.2	306.9	13.7	0.2	CARDIGAN	BAY, GWYNEDD		10	20	188	0.15	1.1	2.0	B*D	20KM WSW OF BARMOUTH	
19950509	00	12	22.3	56.98	-5.56	183.9	793.4	4.6	1.5	LOCH	NEVIS, HIGHLAND		14	18	107	0.10	0.3	0.6	A*C		
19950510	04	03	13.1	53.44	-1.29	447.3	393.5	0.0	1.5	ROOTHERHAM,	S YORKSHIRE		14	26	69	0.46	1.4	2.4	C*C	C/F	
19950510	13	12	12.5	56.13	-3.72	293.3	694.2	0.3	1.3	CLACKMANNAN,	CENTRAL		13	19	85	0.08	0.2	0.3	A*C	C/F	
19950511	22	12	50.5	57.38	-5.32	200.3	837.0	7.4	-0.5	KILLILAN,	HIGHLAND		5	13	192	0.18	13.4		D*D		
19950512	23	08	05.2	56.43	-4.29	258.9	728.4	5.8	0.4	LOCHEARNHEAD,	CENTRAL		6	27	255	0.09	2.3	4.5	B*D		
19950513	23	20	42.0	53.24	-1.00	466.9	372.3	2.0	0.8	WORKSOP,	NOTTS		7	35	226	0.06	1.0	0.7	B*D	C/F	
19950514	18	05	17.3	57.32	-5.53	187.7	831.1	4.0	0.2	AUCHTERTYRE,	HIGHLAND		6	8	131	0.19	0.8	5.5	C*B		
19950515	06	46	00.6	52.95	-4.39	239.4	342.3	20.7	1.2	LLEYN PENIN,	GWYNEDD		15	4	92	0.07	0.3	0.6	A*B		
19950515	08	42	54.2	62.29	2.33	624.6	1386.7	13.7	3.4	NORTHERN	NORTH SEA		46162	220	0.38	1.6	2.3	C*D			
19950525	18	58	18.9	53.49	-1.32	445.1	399.6	1.0	1.6	ROOTHERHAM,	S YORKSHIRE		7	36	296	0.31	18.6	13.4	D*D	C/F, 6KM NE OF ROTHERHAM	
19950526	17	03	14.2	57.12	-5.33	198.6	807.7	4.3	0.2	LOCH QUOICH,	HIGHLAND		5	12	319	0.02	1.0	0.9	B*D		
19950527	04	01	19.6	55.00	-1.81	412.2	567.2	4.1	1.4	PRUDHOE,	TYNESIDE		22	30	212	0.31	1.4	3.3	C*D		
19950530	01	08	32.3	58.65	-0.30	498.7	974.4	15.0	1.6	NORTHERN	NORTH SEA		5162	354	0.11			D*D			
19950531	19	44	48.3	53.03	2.20	681.8	356.8	5.0	1.5	SOUTHERN	NORTH SEA		8	56	314	0.22		D*D			
19950531	20	19	27.1	56.13	-3.72	292.9	694.8	1.7	1.1	CLACKMANNAN,	CENTRAL		14	18	82	0.05	0.2	0.3	A*C	C/F	
19950602	18	39	40.3	57.16	-5.36	196.9	812.7	10.0	0.9	SHIEL BRIDGE,	HIGHLAND		8	7	122	0.04	0.3	0.5	A*B		
19950603	03	13	28.7	56.15	-3.70	294.2	696.0	0.3	1.5	CLACKMANNAN,	CENTRAL		12	17	82	0.06	0.3	0.6	A*C	C/F	
19950605	20									SONIC-FELT	FIFE/TAYSIDE								SONIC-FELT TAYPORT...		
19950607	05	45	26.1	56.13	-3.72	293.0	694.4	1.6	1.5	CLACKMANNAN,	CENTRAL	2+	10	19	84	0.08	0.4	1.1	A*C	C/F, FELT WEST BIRKHILL	
19950610	00	30	07.8	56.14	-3.70	294.3	695.9	0.3	0.9	CLACKMANNAN,	CENTRAL		10	17	82	0.08	0.4	0.9	A*C	C/F	
19950612	18	47	25.3	54.89	-3.11	328.5	555.1	13.1	0.6	WIGTON,	CUMBRIA		13	15	62	0.03	0.1	0.4	A*B	7KM NE OF WIGTON	
19950613	04	54	29.2	56.15	-3.71	293.8	696.3	0.6	0.5	CLACKMANNAN,	CENTRAL		6	17	132	0.05	0.1	0.2	A*C	C/F	
19950613	19	24	04.7	56.62	-5.55	182.5	753.5	0.6	1.6	KINGAIRLOCH,	HIGHLAND		8	66	200	0.09	1.3	1.4	B*D		
19950614	03	58	12.8	57.03	-5.75	172.6	799.6	2.5	1.6	KNOYDART,	HIGHLAND		16	14	122	0.15	0.5	0.8	B*C		
19950616	00	50	25.0	57.32	-5.41	194.9	830.2	5.0	0.6	KILLILAN,	HIGHLAND		6	12	167	0.11	0.9	2.3	B*C		
19950619	03	74	47.0	50.21	-5.25	168.0	40.1	0.2	0.8	CAMBORNE,	CORNWALL		7	4	298	0.03	1.6	5.6	C*D	COLLAPSE TYPE EVENT	
19950619	22	58	00.7	57.32	-5.41	194.9	830.7	6.8	-0.6	KILLILAN,	HIGHLAND		5	12	166	0.14	0.3	1.4	A*D		
19950620	21	22	17.6	61.59	3.63	698.8	1313.4	17.3	3.2	NORTHERN	NORTH SEA		23149	263	0.22	4.5	4.7	C*D			
19950620	23	52	21.0	52.83	-4.33	243.1	329.0	20.5	0.4	PWLLHELI,	GWYNEDD		11	17	139	0.08	0.5	1.0	A*C	CARDIGAN BAY	
19950621	17	57	38.2	56.07	-5.76	165.9	692.9	3.7	1.2	SOUND OF JURA,	S' CLYDE		7	68	246	0.00	0.1	0.1	A*D		
19950622	04	23	10.9	56.15	-3.70	294.7	696.1	0.1	0.7	CLACKMANNAN,	CENTRAL		9	16	82	0.06	0.3	0.6	A*C	C/F	
19950622	11	14	25.9	56.42	-5.39	191.2	730.7	6.2	1.4	OBAN,	STRATHCLYDE		11	62	186	0.13	1.0	2.6	B*D		
19950622	15	16	47.0							SONIC-FELT	NORFOLK								SONIC-FELT NORWICH...		
19950622	19	15	13.6	53.30	-4.07	262.3	380.4	0.9	0.5	EXPL-PENMON,	ANGLESEY	3+	9	12	190	0.08	1.6	3.5	B*D	EXPL-FELT PENMON...	
19950627	03	16	29.8	52.96	-4.38	240.4	343.4	22.9	0.2	LLEYN PENIN,	GWYNEDD		10	4	100	0.09	0.7	1.4	A*B		
19950627	08	10	11.1	56.40	-5.75	168.5	729.1	5.0	1.7	MULL,	STRATHCLYDE		10	58	221	0.08	1.8	2.6	B*D		
19950628	05	48	31.1	59.06	1.50	600.4	1024.8	8.1	3.6	NORTHERN	NORTH SEA		30178	135	0.42	1.3	2.4	C*D			
19950629	12	16	16.4	56.15	-4.17	265.3	697.4	6.5	1.4	CALLANDER,	CENTRAL		13	11	107	0.05	0.3	0.4	A*B	7KM S OF CALLANDER	
19950630	03	28	04.2	53.15	-1.13	458.5	361.9	1.6	1.3	MANSFIELD,	NOTTS		7	29	98	0.38	2.8	4.8	C*C	C/F	
19950630	10	10	54.5	56.15	-4.18	264.7	697.2	7.1	1.0	THORNHILL,	CENTRAL		10	11	105	0.13	1.0	1.3	A*B		

TABLE 1: CATALOGUE OF EVENTS LISTED CHRONOLOGICALLY: 1995 continued

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
1995	07	02	20	38	50.7	53.09	-5.09	193.3	359.2	2.1	0.5	CAERNARFON BAY	10	39	276	0.14	1.5		C*D		
1995	07	05	01	53	15.4	51.13	-4.42	230.4	139.7	10.2	0.6	BARNSTAPLE BAY, DEVON	5	16	149	0.37	15.4		D*D		
1995	07	05	20	40	39.2	56.15	-3.71	294.0	696.0	0.2	0.8	CLACKMANNAN, CENTRAL	7	17	107	0.09	0.6	1.2	A*C	C/F	
1995	07	06	10	38	29.3	55.23	-3.51	304.2	593.8	8.4	2.1	JOHNSTONEBRIDGE, D & G	32	11	58	0.15	0.3	1.0	B*B		
1995	07	06	10	39	10.7	55.23	-3.49	305.2	593.4	3.3	1.5	JOHNSTONEBRIDGE, D & G	11	12	132	0.09	0.4	1.5	A*C		
1995	07	11	14	53	00.6	55.46	-3.46	307.9	619.1	6.4	0.9	TWEEDSMUIR, BORDERS	16	22	156	0.16	0.8	9.7	C*C		
1995	07	11	20	58	43.7	49.08	-2.00	400.3	-91.4	4.9	-0.3	JERSEY, CHANNEL ISLANDS	6	15	337	0.37	1.6	7.9	C*D	15KM SE OF JERSEY	
1995	07	12	03	19	13.6	56.13	-3.72	293.1	694.3	1.8	1.4	CLACKMANNAN, CENTRAL	10	19	84	0.04	0.2	0.6	A*C	C/F	
1995	07	14	08	20	37.8	53.26	-1.87	408.6	373.3	11.5	1.0	WIRKSWORTH, DERBYSHIRE	4	23	274	0.32			C*D		
1995	07	14	08	57	43.8	53.09	-1.05	463.5	355.7	0.3	1.5	MANSFIELD, NOTTS	8	36	225	0.40	3.3	3.1	C*D	C/F, 6KM SE OF MANSFIELD	
1995	07	16	10	53	44.1	53.10	-1.17	455.5	356.1	0.8	1.7	MANSFIELD, NOTTS	2+	6	30	203	0.18	1.3	1.6	B*D	C/F, FELT MANSFIELD AREA
1995	07	18	05	04	45.4	52.86	-3.57	294.1	330.6	12.9	0.7	BALA, GWYNEDD	10	22	104	0.07	0.6	0.9	A*B		
1995	07	18	05	05	47.1	53.16	-1.11	459.8	362.7	4.8	1.1	RAINWORTH, NOTTS	8	30	191	0.31	3.4	6.1	C*D		
1995	07	18	15	58	59.4	53.08	-1.29	447.4	354.4	1.0	1.0	MANSFIELD, NOTTS	7	25	146	0.26	1.7	3.0	B*C	C/F, 7KM SW OF MANSFIELD	
1995	07	18	18	27	27.6	56.61	-5.53	183.1	752.1	1.3	1.8	LOCH LINNHE, HIGHLAND	17	39	173	0.12	0.7	0.6	A*C		
1995	07	18	20	12	44.8	56.14	-3.70	294.3	695.9	0.0	1.5	CLACKMANNAN, CENTRAL	10	17	82	0.06	0.3	0.7	A*C	C/F	
1995	07	19	21	45	22.7	56.14	-3.70	294.1	696.0	0.1	0.8	CLACKMANNAN, CENTRAL	9	17	82	0.04	0.2	0.5	A*C	C/F	
1995	07	19	04	22	49.5	53.13	-1.15	457.0	359.9	0.5	0.7	MANSFIELD, NOTTS	8	29	178	0.30	1.6	2.2	B*C	C/F	
1995	07	20	21	08	41.4	55.24	-3.50	304.8	595.2	4.0	0.4	JOHNSTONEBRIDGE, D & G	9	12	192	0.09	0.2	0.6	A*D		
1995	07	26	01	57	32.4	56.13	-3.72	293.1	694.3	1.6	1.1	CLACKMANNAN, CENTRAL	10	19	84	0.02	0.1	0.2	A*C	C/F	
1995	07	26	09	23	36.0							SONIC-ISLE OF MAN							SONIC-FELT ISLE OF MAN		
1995	07	30	07	59	35.6	52.96	-4.39	239.2	343.4	23.5	-0.1	LLEYN PENIN, GWYNEDD	7	3	190	0.02	0.4	0.3	A*D		
1995	08	05	14	45	40.1	54.97	-3.39	310.9	564.7	10.8	1.2	RUTHWELL, D & G	21	12	65	0.16	0.4	1.5	B*B	OFFSHORE, 3KM S RUTHWELL	
1995	08	10	02	16	32.6	50.62	-4.61	215.5	83.3	7.5	1.6	BODMIN MOOR, CORNWALL	12	36	149	0.07	0.3	1.3	A*C	18KM WEST OF LAUNCESTON	
1995	08	11	22	09	07.8	53.45	-2.49	367.5	394.5	1.0	1.5	LEIGH, GTR MANCHESTER	3+	20	44	145	0.32	0.7	0.8	C*C	C/F, FELT LOWTON COMMON
1995	08	13	09	59	57.3	61.31	2.41	635.9	1277.7	15.0	3.0	NORTHERN NORTH SEA	10	236	333	0.13			D*D		
1995	08	14	20	46	14.8	57.44	-5.45	193.2	844.0	8.9	0.5	STRATHCARRON, HIGHLAND	6	11	185	0.01	0.2	0.4	A*D		
1995	08	17	01	55	15.8	52.95	-4.39	239.4	341.6	21.6	-0.7	LLEYN PENIN, GWYNEDD	7	4	197	0.13	3.3	1.5	C*D		
1995	08	17	16	01	12.3	49.88	-4.26	237.5	0.6	11.1	3.1	ENGLISH CHANNEL	20	56	172	0.14	0.9	1.5	A*D	55KM SOUTH OF PLYMOUTH	
1995	08	18	12	04	44.7	57.29	-4.83	229.7	825.4	2.5	0.8	GLEN AFFRIC, HIGHLAND	12	33	147	0.21	1.4	2.0	B*C		
1995	08	18	13	26	35.1	61.57	4.21	729.5	51314.9	20.8	3.2	NORTHERN NORTH SEA	11334	335	0.12				D*D		
1995	08	23	01	10	04.8	53.38	-4.46	236.6	390.4	22.6	-1.1	ANGLESEY, GWYNEDD	6	6	179	0.03	0.7	0.8	A*C		
1995	08	26	03	31	45.0	56.14	-3.73	292.5	695.1	0.3	0.5	CLACKMANNAN, CENTRAL	7	19	127	0.09	0.7	1.7	A*C	C/F	
1995	08	26	17	28	19.3	56.08	-3.94	279.0	688.8	4.0	0.8	BANNOCKBURN, CENTRAL	14	14	94	0.10	0.4	0.9	A*C	3KM SE OF BANNOCKBURN	
1995	08	28	07	43	59.9	55.18	-3.45	307.7	587.8	9.2	0.4	JOHNSTONEBRIDGE, D & G	8	13	212	0.06	0.7	1.2	A*D		
1995	08	28	09	59	17.5	57.25	-3.86	287.9	818.8	7.6	2.7	AVIEMORE, HIGHLAND	4	21	37	41	0.19	0.6	4.5	B*C	FELT AVIEMORE....
1995	08	29	22	56	09.4	55.20	-3.43	309.2	590.4	9.2	0.7	JOHNSTONEBRIDGE, D & G	15	15	121	0.07	0.3	0.9	A*B		
1995	08	30	04	29	25.9	52.87	-3.41	304.9	330.8	13.4	0.7	BALA, GWYNEDD	15	11	126	0.18	1.1	1.3	B*B	13KM SE OF BALA	
1995	09	04	20	24	6.6	53.01	-4.77	214.2	349.1	14.9	1.4	CAERNARVON BAY, GWYNEDD	13	21	226	0.09	0.7	1.1	A*D		
1995	09	06	05	11	24.2	57.21	-5.76	173.1	819.1	4.7	0.6	ISLE OF SKYE, HIGHLAND	8	16	196	0.21	1.5	2.5	B*D	6KM N OF DUISDALEMORE	
1995	09	07	10	38	00.9	57.21	-5.76	172.8	819.2	8.9	0.8	ISLE OF SKYE, HIGHLAND	9	16	197	0.08	0.5	1.6	A*D		
1995	09	08	09	49	18.2	61.83	4.38	735.6	61343.8	17.3	2.6	NORTHERN NORTH SEA	6355	355	0.02				D*D		
1995	09	08	19	57	22.4	61.75	4.05	719.0	01334.1	5.1	3.1	NORTHERN NORTH SEA	18	56	182	0.25	1.1	1.2	B*D		
1995	09	09	13	50	36.3	61.77	4.03	717.8	81335.9	2.4	3.4	NORTHERN NORTH SEA	20	57	183	0.30	1.3	1.4	B*D		
1995	09	09	18	20	24.2	50.91	-0.87	479.5	112.4	9.3	2.5	HORNDEAN, HAMPSHIRE	11	21	136	0.09	0.5	2.4	B*C		

TABLE 1: CATALOGUE OF EVENTS LISTED CHRONOLOGICALLY: 1995 continued

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
1995	09	17	16	50	0.9	61.38	2.68	649.9	1286.7	15.0	2.8	NORTHERN NORTH SEA	12252	332	0.16		D*D				
1995	09	18	06	49	23.8	57.29	-5.62	182.1	828.0	2.5	-0.1	PLOCKTON, HIGHLAND	4	6	210	0.23	B*D				
1995	09	18	23	45	52.4	52.00	-2.81	344.3	233.9	11.1	1.0	HEREFORD, HER & WOR	12	13	102	0.14	0.5	0.9	A*B	7KM SW OF HEREFORD	
1995	09	22	06	40	26.6	57.67	-4.65	241.9	867.9	5.7	1.4	DINGWALL, HIGHLAND	13	31	162	0.09	0.4	0.8	A*C		
1995	09	26	15	32	45.0	53.32	-1.84	410.8	379.8	0.4	2.1	PEAK FOREST, DERBYSHIRE	23	22	97	0.28	0.6	0.9	B*C	COLLAPSE TYPE EVENT	
1995	09	30	10	51	05.2	52.97	-4.38	240.5	343.9	24.0	0.2	LLEYN PENIN, GWYNEDD	8	4	109	0.05	0.5	0.6	A*B		
1995	10	03	04	25	1.3	57.07	-5.62	180.4	803.8	4.3	2.1	KNOYDART, HIGHLAND	22	20	88	0.23	0.7	1.4	B*C		
1995	10	04	20	40	27.2	51.71	-4.14	251.9	203.5	10.3	1.7	LLANELLI, DYFED	18	4	104	0.18	0.7	1.0	B*B		
1995	10	05	16	22	35.3	49.08	-2.10	393.0	-90.8	3.2	-0.6	S OF JERSEY, CHANNEL IS	7	12	313	0.14	3.0		C*D		
1995	10	05	22	35	50.1	56.13	-3.72	293.2	694.7	1.8	1.4	CLACKMANNAN, CENTRAL	9	18	84	0.07	0.1	0.5	A*C	C/F	
1995	10	07	03	05	55.1	49.13	-2.19	385.9	-85.1	9.2	0.6	JERSEY, CHANNEL ISLANDS	10	6	297	0.04	0.6	0.5	A*D		
1995	10	09	21	57	49.1	56.13	-3.72	292.9	694.6	1.2	1.3	CLACKMANNAN, CENTRAL	2+	8	19	127	0.04	0.2	0.5	A*C	C/F, FELT CLACKMANNAN
1995	10	11	01	34	46.5	53.42	-1.33	444.9	392.1	1.0	1.9	ROOTHERHAM, S YORKSHIRE	6	23	231	0.20	3.7	2.9	C*D	C/F	
1995	10	11	18	19	52.1	53.05	-1.29	447.7	351.0	6.5	1.9	MANSFIELD, NOTTS	15	24	73	0.24	1.0	2.6	B*C	9 KM SW OF MANSFIELD	
1995	10	11	18	20	30.4	53.06	-1.28	448.5	351.3	6.8	2.4	MANSFIELD, NOTTS	3+	14	24	95	0.28	1.2	2.1	B*C	FELT SOUTH NORMANTON
1995	10	11	20	53	34.8	53.51	-1.43	437.6	401.6	0.4	1.9	ROOTHERHAM, S YORKSHIRE	2+	5	28	205	0.10	1.4	2.8	B*D	C/F, FELT STAINTON
1995	10	11	21	23	32.7	53.41	-1.16	455.9	390.8	1.0	2.0	MALTBY, S YORKSHIRE	2+	10	30	163	0.36	2.7	5.9	C*C	C/F, FELT STAINTON
1995	10	13	01	05	55.2	56.14	-3.70	294.1	695.8	0.0	1.0	CLACKMANNAN, CENTRAL	9	17	82	0.06	0.4	0.8	A*C	C/F	
1995	10	14	12	34	30.6	51.30	-3.95	263.9	157.5	7.3	1.6	BRISTOL CHANNEL	13	28	94	0.21	0.7	2.9	B*C	15KM NE OF ILFRACOMBE	
1995	10	14	21	18	40.6	52.96	-2.27	382.1	339.8	0.5	1.5	NEWCASTLE-U-LYME, STAFFS	10	29	129	0.22	1.0	1.2	B*C	C/F	
1995	10	16	16	06	28.1	57.13	-5.69	176.9	809.8	1.0	0.4	KNOYDART, HIGHLAND	6	18	164	0.16	1.9	2.8	B*C		
1995	10	19	09	41	17.3	56.15	-3.71	293.7	696.3	0.3	1.6	CLACKMANNAN, CENTRAL	2+	10	17	83	0.09	0.4	0.9	A*C	C/F, FELT CLACKMANNAN
1995	10	20	11	22	52.1	52.99	-3.50	299.3	344.3	11.1	1.5	BALA, GWYNEDD	17	19	161	0.07	0.3	0.4	A*C	10KM NE OF BALA	
1995	10	20	20	30	53.51	53.40	-1.20	453.5	390.0	0.5	1.7	MALTBY, SOUTH YORKSHIRE	2+	8	28	122	0.55	3.5	6.9	D*C	C/F, FELT MALTBY...
1995	10	23	13	25	29.8	55.24	-3.49	305.2	594.5	3.6	1.7	JOHNSTONEBRIDGE, D & G	16	12	137	0.09	0.3	1.3	A*C		
1995	10	24	09	37	52.8	55.23	-3.51	304.2	593.9	8.1	1.6	JOHNSTONEBRIDGE, D & G	17	11	126	0.18	0.6	2.3	B*B		
1995	10	31	03	03	56.3	55.41	-5.21	197.1	617.5	7.9	1.6	ISLE OF ARRAN, S'CLYDE	12	26	137	0.05	0.2	1.3	A*C		
1995	11	01	00	55	52.1	53.85	-1.09	459.6	440.0	0.5	2.1	STILLINGFEET, N YORKS	2+	10	37	145	0.36	2.3	4.0	C*C	C/F, FELT STILLINGFLEET
1995	11	02	10	14	58.0							SONIC-CENTRAL FIFE								SONIC-FELT GLENROTHES...	
1995	11	02	14	54	37.0							SONIC-ANGLESEY								SONIC-FELT ANGLESEY...	
1995	11	04	21	00	00.0							OASIS CONCERT, LONDON	2+								FELT WEST LONDON
1995	11	04	21	30	00.0							OASIS CONCERT, LONDON	2+								FELT WEST LONDON
1995	11	04	22	13	00.0							OASIS CONCERT, LONDON	2+								FELT WEST LONDON
1995	11	05	21	30	00.0							OASIS CONCERT, LONDON	2+								FELT WEST LONDON
1995	11	06	16	09	14.8	56.15	-3.71	293.9	696.0	0.2	1.1	CLACKMANNAN, CENTRAL	2+	8	17	83	0.04	0.2	0.3	A*C	C/F, FELT CLACKMANNAN
1995	11	11	02	39	38.5	52.41	-3.24	316.0	280.1	14.3	1.3	CLUN, SHROPSHIRE	9	8	67	0.08	0.6	0.5	A*A		
1995	11	13	08	09	21.2	61.47	3.94	716.0	01302.2	1.5	3.6	NORTHERN NORTH SEA	19	61	171	0.43	1.1	1.4	C*D		
1995	11	12	21	05	34.7	52.85	-3.55	295.6	328.8	9.5	0.7	BALA, GWYNEDD	11	21	99	0.12	0.7	3.4	B*C	6KM SSE OF BALA	
1995	11	27	03	12	08.9	53.05	-2.19	387.4	350.9	0.8	1.8	STOKE-ON-TRENT, STAFFS	12	23	123	0.14	0.7	1.2	A*C	C/F	
1995	11	27	21	11	00.3	56.13	-3.72	293.0	694.2	0.3	1.2	CLACKMANNAN, CENTRAL	9	19	85	0.07	0.2	0.4	A*C	C/F	
1995	11	29	20	51	40.3	52.96	-2.26	382.3	340.5	1.0	2.0	NEWCASTLE-U-LYME, STAFFS	2+	15	29	94	0.15	0.6	0.9	A*C	C/F, FELT NEW-U-LYME
1995	11	29	22	22	14.7	57.37	-5.27	203.2	835.3	2.7	0.0	ATTADALE, HIGHLAND	6	15	213	0.12	1.1		C*D		
1995	12	01	17	39	12.2	52.95	-4.38	239.9	341.4	23.7	1.4	LLEYN PENIN, GWYNEDD	11	5	92	0.05	0.4	1.0	A*B		
1995	12	07	01	39	19.8	49.08	-1.78	415.7	-91.6	6.8	0.2	JERSEY, CHANNEL ISLANDS	6	23	345	0.00	0.2	0.1	A*D	20KM SE OF JERSEY	
1995	12	07	14	16	52.2	51.77	-4.17	250.1	210.4	14.0	1.6	LLANELLI, DYFED	10	3	100	0.16	0.9	1.1	B*B		

TABLE 1: CATALOGUE OF EVENTS LISTED CHRONOLOGICALLY: 1995 continued

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
1995	12	09	02	40	5.2	57.37	-5.42	194.4	836.7	4.1	0.4	ATTADALE, HIGHLAND	4	15	286	0.01				A*D	
1995	12	10	03	23	46.4	49.05	-2.17	387.7	-94.8	9.9	0.0	JERSEY, CHANNEL ISLANDS	7	16	333	0.04	1.4	2.6	B*D	15KM S OF JERSEY	
1995	12	11	02	54	52.7	49.22	-2.24	382.3	-75.7	9.6	0.8	JERSEY, CHANNEL ISLANDS	8	3	312	0.01	0.1	0.1	A*D		
1995	12	11	15	59	18.9	53.29	-1.83	411.3	377.5	0.1	1.9	BUXTON, DERBYSHIRE	18	21	92	0.30	0.9	1.6	C*C	COLLAPSE TYPE	
1995	12	12	04	43	59.5	53.65	-1.44	437.2	417.4	6.3	1.2	PONTEFRACT, W YORKSHIRE	6	30	140	0.18	0.7	3.6	B*C		
1995	12	13	14	06	43.9	53.27	-1.84	410.9	374.8	0.5	1.2	BUXTON, DERBYSHIRE	7	21	177	0.18	1.2	1.5	B*C	COLLAPSE TYPE	
1995	12	14	14	00	4.3	56.14	-3.72	293.3	695.9	0.2	1.3	CLACKMANNAN, CENTRAL	2+	9	17	83	0.06	0.3	0.8	A*C	C/F, FELT CLACKMANNAN
1995	12	16	21	19	34.5	49.07	-1.77	416.9	-91.9	5.8	0.5	JERSEY, CHANNEL ISLANDS	7	24	346	0.05	2.4	10.8	C*D	25KM SE OF JERSEY	
1995	12	18	15	21	46.0	52.41	-2.80	345.4	279.9	14.4	0.9	LUDLOW, SHROPSHIRE	9	13	182	0.09	0.7	0.6	A*D	6KM NW OF LUDLOW	
1995	12	23	07	49	02.4	56.20	-5.36	191.6	706.3	7.1	1.4	LOCH AWE, STRATHCLYDE	8	55	298	0.09	5.9	13.0	D*D		
1995	12	27	06	00	45.0	59.56	0.33	531.5	1077.4	15.0	1.8	NORTHERN NORTH SEA	5101	353	0.07	4.0	1.6	C*D			
1995	12	31	02	26	29.5	57.48	-5.36	198.3	847.9	1.9	0.6	BALNACRA, HIGHLAND	5	5	189	0.06	0.7	0.8	A*D		

TABLE 2

**CATALOGUE OF EARTHQUAKES LISTED IN
ORDER OF DECREASING LATITUDE: 1995**

KEY TO PHASE DATA ENCODING

Time	:	Time of occurrence of event in hours, mins and secs, (UTC).
Lat	:	Latitude of the event, positive latitude indicates north.
Lon	:	Longitude of the event, negative longitude indicates west.
Depth	:	Depth of the hypocentre in kilometres.
Grid Ref	:	UK National Grid Reference in kilometres east (kmE) and kilometres north (kmN) of grid origin.
Quality	:	Solution quality of hypocentre averaged from QS and QD. A, excellent; B, good; C, fair; D, poor
RMS	:	Root Mean Square of the travel-time residuals in seconds.
Magnitude	:	Richter local magnitude of the event.
Locality	:	A geographical indication of the epicentral area, usually the nearest town followed by the region.
Intensity	:	Maximum EMS intensity. 2+ indicates felt, no macroseismic details. 3+, 4+ etc indicates felt at 3 or 4, but no survey carried out. 3, 4, 5 etc describes the maximum EMS intensity produced by the event.
Comments	:	Additional comments about the event eg: C/F see list of comments abbreviations below.
STAT	:	Station name
CO	:	Station component S=short period Z=vertical N=north-south E=east-west
DIST	:	Distance from earthquake to station (km)
PHAS	:	Phase identifier; the first letter characterizes onset E=emergent I=impulsive, the second indicates the phase eg P, S, PG and PN.
WT	:	Hypo weighting factor to arrival 0 or blank=full weighting to 4=zero weighting (ignore). 9=use P-S interval only for this line.
P	:	Polarity C=Compression/up D=Dilatation/down
Hr Mn	:	Hour, Minute of event
SECS	:	Seconds of event
AMPL	:	Amplitude centre to peak in nanometers (nm)
PERI	:	Period in seconds

Locality abbreviations

Sonic	:	Sonic boom	M Glam	:	Mid Glamorgan
Expl	:	Explosion	Notts	:	Nottinghamshire
D & G	:	Dumfries and Galloway	S'Clyde	:	Strathclyde
Her & Wor	:	Hereford and Worcester	S Yorks(hire)	:	South Yorkshire
Gtr Manchester	:	Greater Manchester	W Yorks(hire)	:	West Yorkshire
Lancs	:	Lancashire	N Yorks(hire)	:	North Yorkshire
Staffs	:	Staffordshire	W Midlands	:	West Midlands
Newcastle-U-Lyme	:	Newcastle-Under-Lyme	Penin	:	Peninsula

Comments abbreviations

Sonic	:	Sonic boom
Expl	:	Explosion
C/F	:	Coalfield type event
...	:	and felt elsewhere

TABLE 2: CATALOGUE OF EARTHQUAKES LISTED IN ORDER OF DECREASING LATITUDE: 1995

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
19950318	23	44	02.5	62.34		2.77	647.0	1393.6	15.0	2.4	NORTHERN	NORTH SEA	5325	354	0.11			D*D			
19950421	18	16	18.3	62.31		1.20	565.7	1385.0	19.8	2.9	NORTHERN	NORTH SEA	24217	232	0.29	2.4	3.1	B*D			
19950515	08	42	54.2	62.29		2.33	624.6	1386.7	13.7	3.4	NORTHERN	NORTH SEA	46162	220	0.38	1.6	2.3	C*D			
19950502	04	23	34.0	61.97		2.23	621.8	1350.1	9.5	2.1	NORTHERN	NORTH SEA	18154	208	0.32	2.6	2.6	C*D			
19950908	09	49	18.2	61.83		4.38	735.6	1343.8	17.3	2.6	NORTHERN	NORTH SEA	6355	355	0.02			D*D			
19950909	13	50	36.3	61.77		4.03	717.8	1335.9	2.4	3.4	NORTHERN	NORTH SEA	20	57	183	0.30	1.3	1.4	B*D		
19950908	19	57	22.4	61.75		4.05	719.0	1334.1	5.1	3.1	NORTHERN	NORTH SEA	18	56	182	0.25	1.1	1.2	B*D		
19950620	21	22	17.6	61.59		3.63	698.8	1313.4	17.3	3.2	NORTHERN	NORTH SEA	23149	263	0.22	4.5	4.7	C*D			
19950818	13	26	35.1	61.57		4.21	729.5	1314.9	20.8	3.2	NORTHERN	NORTH SEA	11334	335	0.12			D*D			
19951113	08	09	21.2	61.47		3.94	716.0	1302.2	1.5	3.6	NORTHERN	NORTH SEA	19	61	171	0.43	1.1	1.4	C*D		
19950917	16	50	00.9	61.38		2.68	649.9	1286.7	15.0	2.8	NORTHERN	NORTH SEA	12252	332	0.16			D*D			
19950501	23	30	48.6	61.37		2.45	638.0	1284.6	7.1	2.5	NORTHERN	NORTH SEA	22129	179	0.47	1.6	2.0	C*D			
19950813	09	55	37.3	61.31		2.41	635.9	1277.7	15.0	3.0	NORTHERN	NORTH SEA	10236	333	0.13			D*D			
19950316	12	56	59.9	59.72		0.28	528.0	1095.2	14.3	1.4	NORTHERN	NORTH SEA	8	91	331	0.05	1.2	0.6	B*D	EAST SHETLAND BASIN AREA	
19950202	08	43	21.7	59.56		2.23	638.9	11082.7	13.9	2.2	NORTHERN	NORTH SEA	17176	128	0.31	1.4	2.6	C*D			
19951227	06	00	45.0	59.56		0.33	531.5	1077.4	15.0	1.8	NORTHERN	NORTH SEA	5101	353	0.07	4.0	1.6	C*D			
19950107	20	04	24.9	59.33	-6.10	166.8	81056.8	17.6	2.1	NW LEWIS, OUTER HEBRIDES		10193	323	0.53			D*D	POOR LOCATION			
19950409	13	11	20.3	59.11	0.22	527.2	21026.4	8.6	1.3	NORTHERN	NORTH SEA	8131	345	0.08	2.7	1.4	C*D				
19950628	05	48	31.1	59.06	1.50	600.4	41024.8	8.1	3.6	NORTHERN	NORTH SEA	30178	135	0.42	1.3	2.4	C*D				
19950413	20	34	12.6	58.81	0.51	544.8	994.1	8.0	2.2	NORTHERN	NORTH SEA	13167	248	0.11	2.0	1.9	B*D				
19950530	01	08	32.3	58.65	-0.30	498.7	974.4	15.0	1.6	NORTHERN	NORTH SEA	5162	354	0.11			D*D				
19950202	21	26	09.7	57.96	0.52	549.2	899.4	17.0	3.2	CENTRAL	NORTH SEA	56172	134	0.27	0.5	1.1	B*D				
19950922	06	40	26.6	57.67	-4.65	241.9	867.9	5.7	1.4	DINGWALL, HIGHLAND		13	31	162	0.09	0.4	0.8	A*C			
19951231	02	26	29.5	57.48	-5.36	198.3	847.9	1.9	0.6	BALNACRA, HIGHLAND		5	5	189	0.06	0.7	0.8	A*D			
19950814	20	46	14.8	57.44	-5.45	193.2	844.0	8.9	0.5	STRATHCARRON, HIGHLAND		6	11	185	0.01	0.2	0.4	A*D			
19950330	13	31	54.7	57.41	-5.49	190.3	841.4	3.3	0.4	STRATHCARRON, HIGHLAND		5	13	182	0.04	0.2	5.8	C*D			
19950214	15	13	19.3	57.39	-5.64	181.5	839.3	1.8	0.2	LOCHCARRON, HIGHLAND		5	6	230	0.09	3.3	1.5	C*D			
19950222	15	21	15.6	57.38	-5.63	181.8	838.1	4.7	0.3	LOCHCARRON, HIGHLAND		8	5	221	0.04	0.5	0.4	A*D			
19950511	22	12	50.5	57.38	-5.32	200.3	837.0	7.4	-0.5	KILLILAN, HIGHLAND		5	13	192	0.18	13.4		D*D			
19951129	22	22	14.7	57.37	-5.27	203.2	835.3	2.7	0.0	ATTADALE, HIGHLAND		6	15	213	0.12	1.1		C*D			
19951209	02	40	05.2	57.37	-5.42	194.4	836.7	4.1	0.4	ATTADALE, HIGHLAND		4	15	286	0.01			A*D			
19950311	05	13	16.8	57.35	-5.53	187.6	834.0	3.2	1.1	LOCHCARRON, HIGHLAND		14	7	136	0.12	0.4	1.2	A*C			
19950130	20	20	49.2	57.32	-5.39	195.8	830.7	4.1	0.0	KILLILAN, HIGHLAND		5	13	173	0.07	0.1	1.5	A*D			
19950412	12	30	25.1	57.32	-5.40	195.2	830.4	5.6	0.0	KILLILAN, HIGHLAND		6	12	169	0.09	0.8	1.8	A*C			
19950514	18	05	17.3	57.32	-5.53	187.7	831.1	4.0	0.2	AUCHTERTYRE, HIGHLAND		6	8	131	0.19	0.8	5.5	C*B			
19950616	00	50	25.0	57.32	-5.41	194.9	830.2	5.0	0.6	KILLILAN, HIGHLAND		6	12	167	0.11	0.9	2.3	B*C			
19950619	22	58	00.7	57.32	-5.41	194.9	830.7	6.8	-0.6	KILLILAN, HIGHLAND		5	12	166	0.14	0.3	1.4	A*D			
19950818	12	04	44.7	57.29	-4.83	229.7	825.4	2.5	0.8	GLEN AFFRIC, HIGHLAND		12	33	147	0.21	1.4	2.0	B*C			
19950918	06	49	23.8	57.29	-5.62	182.1	828.0	2.5	-0.1	PLOCKTON, HIGHLAND		4	6	210	0.23			B*D			
19950828	09	59	17.5	57.25	-3.86	287.9	818.8	7.6	2.7	AVIEMORE, HIGHLAND	4	21	37	41	0.19	0.6	4.5	B*C	FELT AVIEMORE....		
19950404	07	38	31.6	57.24	-5.44	192.7	821.3	2.5	-0.6	LOCH DUICH, HIGHLAND		6	3	149	0.18	5.1	4.9	D*C			
19950506	08	21	52.2	57.24	-5.72	175.8	822.6	6.9	-0.2	ISLE OF SKYE, HIGHLAND		6	12	188	0.08	1.0	1.4	A*D	SOUTH SKYE		
19950209	13	47	53.7	57.23	-5.48	189.8	821.2	3.4	0.1	LOCH DUICH, HIGHLAND		6	5	108	0.08	0.8	2.9	B*B			
19950423	09	35	30.8	57.23	-5.48	189.9	821.3	4.1	0.1	LOCH DUICH, HIGHLAND		6	4	108	0.07	0.8	1.8	A*B			

TABLE 2: CATALOGUE OF EARTHQUAKES LISTED IN ORDER OF DECREASING LATITUDE: 1995 continued

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
19950906	05	11	24.2	57.21	-5.76	173.1	819.1	4.7	0.6	ISLE OF SKYE, HIGHLAND	8	16	196	0.21	1.5	2.5	B*D	6KM N OF DUISDALEMORE			
19950907	10	38	00.9	57.21	-5.76	172.8	819.2	8.9	0.8	ISLE OF SKYE, HIGHLAND	9	16	197	0.08	0.5	1.6	A*D				
19950602	18	39	40.3	57.16	-5.36	196.9	812.7	10.0	0.9	SHIEL BRIDGE, HIGHLAND	8	7	122	0.04	0.3	0.5	A*B				
19951016	16	06	28.1	57.13	-5.69	176.9	809.8	1.0	0.4	KNOYDART, HIGHLAND	6	18	164	0.16	1.9	2.8	B*C				
19950526	17	03	14.2	57.12	-5.33	198.6	807.7	4.3	0.2	LOCH QUOICH, HIGHLAND	5	12	319	0.02	1.0	0.9	B*D				
19951003	00	42	51.3	57.07	-5.62	180.4	803.8	4.3	2.1	KNOYDART, HIGHLAND	22	20	88	0.23	0.7	1.4	B*C				
19950321	14	35	56.0	57.05	-4.97	220.1	799.6	4.9	0.6	INVERGARRY, HIGHLAND	6	26	202	0.03	0.8	0.7	A*D				
19950119	04	28	17.8	57.03	-5.79	169.9	800.0	2.6	0.3	KNOYDART, HIGHLAND	7	13	184	0.09	1.3	4.1	B*D				
19950424	06	58	40.2	57.03	-5.71	175.2	799.8	6.2	0.2	KNOYDART, HIGHLAND	7	15	155	0.06	0.5	0.7	A*C				
19950614	03	58	12.8	57.03	-5.75	172.6	799.6	2.5	1.6	KNOYDART, HIGHLAND	16	14	122	0.15	0.5	0.8	B*C				
19950212	15	05	49.5	57.02	-5.57	183.6	797.7	3.3	1.1	INVERIE, HIGHLAND	6	20	117	0.04	0.3	1.9	A*C				
19950509	00	12	22.3	56.98	-5.56	183.9	793.4	4.6	1.5	LOCH NEVIS, HIGHLAND	14	18	107	0.10	0.3	0.6	A*C				
19950418	22	37	09.9	56.96	-5.45	190.2	791.2	2.5	0.6	LOCH MORAR, HIGHLAND	9	24	139	0.23	0.5	0.9	B*C				
19950613	19	24	04.7	56.62	-5.55	182.5	753.5	0.6	1.6	KINGAIRLOCH, HIGHLAND	8	66	200	0.09	1.3	1.4	B*D				
19950718	18	27	27.6	56.61	-5.53	183.1	752.1	1.3	1.8	LOCH LINNHE, HIGHLAND	17	39	173	0.12	0.7	0.6	A*C				
19950512	23	08	05.2	56.43	-4.29	258.9	728.4	5.8	0.4	LOCHEARNHEAD, CENTRAL	6	27	255	0.09	2.3	4.5	B*D				
19950622	11	14	25.9	56.42	-5.39	191.2	730.7	6.2	1.4	OBAN, STRATHCLYDE	11	62	186	0.13	1.0	2.6	B*D				
19950219	14	48	25.4	56.40	-6.04	150.5	730.0	6.3	1.5	MULL, STRATHCLYDE	18	59	191	0.07	0.3	0.7	A*D	SOUTH MULL			
19950627	08	10	11.1	56.40	-5.75	168.5	729.1	5.0	1.7	MULL, STRATHCLYDE	10	58	221	0.08	1.8	2.6	B*D				
19950219	14	42	37.1	56.38	-6.03	151.4	728.6	6.1	1.7	MULL, STRATHCLYDE	19	61	159	0.06	0.2	0.9	A*D	SOUTH MULL			
19950120	07	22	46.6	56.25	-3.72	293.3	707.4	7.7	0.1	OCHIL HILLS, TAYSIDE	6	13	171	0.07	1.3	11.0	C*C				
19951223	07	49	02.4	56.20	-5.36	191.6	706.3	7.1	1.4	LOCH AWE, STRATHCLYDE	8	55	298	0.09	5.9	13.0	D*D				
19950603	03	13	28.7	56.15	-3.70	294.2	696.0	0.3	1.5	CLACKMANNAN, CENTRAL	12	17	82	0.06	0.3	0.6	A*C	C/F			
19950613	04	54	29.2	56.15	-3.71	293.8	696.3	0.6	0.5	CLACKMANNAN, CENTRAL	6	17	132	0.05	0.1	0.2	A*C	C/F			
19950622	04	23	10.9	56.15	-3.70	294.7	696.1	0.1	0.7	CLACKMANNAN, CENTRAL	9	16	82	0.06	0.3	0.6	A*C	C/F			
19950629	12	16	16.4	56.15	-4.17	265.3	697.4	6.5	1.4	CALLANDER, CENTRAL	13	11	107	0.05	0.3	0.4	A*B	7KM S OF CALLANDER			
19950630	10	10	54.5	56.15	-4.18	264.7	697.2	7.1	1.0	THORNHILL, CENTRAL	10	11	105	0.13	1.0	1.3	A*B				
19950705	20	04	39.2	56.15	-3.71	294.0	696.0	0.2	0.8	CLACKMANNAN, CENTRAL	7	17	107	0.09	0.6	1.2	A*C	C/F			
19951019	09	41	17.3	56.15	-3.71	293.7	696.3	0.3	1.6	CLACKMANNAN, CENTRAL	2+	10	17	83	0.09	0.4	0.9	A*C	C/F, FELT CLACKMANNAN		
19951106	16	09	14.8	56.15	-3.71	293.9	696.0	0.2	1.1	CLACKMANNAN, CENTRAL	2+	8	17	83	0.04	0.2	0.3	A*C	C/F, FELT CLACKMANNAN		
19950323	03	55	29.3	56.14	-3.72	293.0	695.1	2.4	1.0	CLACKMANNAN, CENTRAL	12	18	82	0.09	0.3	0.6	A*C	C/F			
19950610	00	30	07.8	56.14	-3.70	294.3	695.9	0.3	0.9	CLACKMANNAN, CENTRAL	10	17	82	0.08	0.4	0.9	A*C	C/F			
19950718	20	12	44.8	56.14	-3.70	294.3	695.9	0.0	1.5	CLACKMANNAN, CENTRAL	10	17	82	0.06	0.3	0.7	A*C	C/F			
19950718	21	45	22.1	56.14	-3.70	294.1	696.0	0.1	0.8	CLACKMANNAN, CENTRAL	9	17	82	0.04	0.2	0.5	A*C	C/F			
19950826	03	31	45.0	56.14	-3.73	292.5	695.1	0.3	0.5	CLACKMANNAN, CENTRAL	7	19	127	0.09	0.7	1.7	A*C	C/F			
19951013	01	05	56.2	56.14	-3.70	294.1	695.8	0.0	1.0	CLACKMANNAN, CENTRAL	9	17	82	0.06	0.4	0.8	A*C	C/F			
19951214	14	00	04.3	56.14	-3.72	293.3	695.9	0.2	1.3	CLACKMANNAN, CENTRAL	2+	9	17	83	0.06	0.3	0.8	A*C	C/F, FELT CLACKMANNAN		
19950110	13	54	55.9	56.13	-3.72	293.3	694.4	1.2	0.8	CLACKMANNAN, CENTRAL	12	18	103	0.10	0.4	0.6	A*C	C/F			
19950119	20	07	36.4	56.13	-3.72	293.0	694.4	1.0	1.3	CLACKMANNAN, CENTRAL	17	19	81	0.10	0.3	0.5	A*C	C/F			
19950120	19	14	06.6	56.13	-3.72	293.2	694.8	1.4	0.7	CLACKMANNAN, CENTRAL	9	18	110	0.11	0.5	0.9	A*C	C/F			
19950126	05	11	55.8	56.13	-3.72	293.1	694.3	0.9	0.7	CLACKMANNAN, CENTRAL	11	19	84	0.14	0.5	0.8	A*C	C/F			
19950204	02	24	29.4	56.13	-3.72	292.9	694.5	0.4	1.8	CLACKMANNAN, CENTRAL	20	19	82	0.09	0.2	0.4	A*C	C/F			
19950215	05	04	37.0	56.13	-3.72	292.8	694.9	0.5	1.0	CLACKMANNAN, CENTRAL	9	18	110	0.09	0.4	0.7	A*C	C/F			
19950216	21	55	33.5	56.13	-3.71	293.6	693.9	0.5	1.0	CLACKMANNAN, CENTRAL	12	19	85	0.15	0.2	0.4	A*C	C/F			
19950315	17	35	39.3	56.13	-3.71	293.5	694.8	0.3	0.9	CLACKMANNAN, CENTRAL	11	18	102	0.21	0.9	1.5	B*C	C/F			

TABLE 2: CATALOGUE OF EARTHQUAKES LISTED IN ORDER OF DECREASING LATITUDE: 1995 continued

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
19950510	13	12	12	5.56	13	-3.72	293.3	694.2	0.3	1.3	CLACKMANNAN, CENTRAL	13	19	85	0.08	0.2	0.3	A*C	C/F		
19950531	20	19	27	1.1	1	-3.72	292.9	694.8	1.7	1.1	CLACKMANNAN, CENTRAL	14	18	82	0.05	0.2	0.3	A*C	C/F		
19950607	05	45	26	1.1	1	-3.72	293.0	694.4	1.6	1.5	CLACKMANNAN, CENTRAL	2+	10	19	84	0.08	0.4	1.1	A*C	C/F, FELT WEST BIRKHILL	
19950712	03	19	13	1.6	6	-3.72	293.1	694.3	1.8	1.4	CLACKMANNAN, CENTRAL		10	19	84	0.04	0.2	0.6	A*C	C/F	
19950726	01	57	32	1.4	4	-3.72	293.1	694.3	1.6	1.1	CLACKMANNAN, CENTRAL	10	19	84	0.02	0.1	0.2	A*C	C/F		
19951005	22	35	05	1.1	1	-3.72	293.2	694.7	1.8	1.4	CLACKMANNAN, CENTRAL	9	18	84	0.07	0.1	0.5	A*C	C/F		
19951009	21	57	49	1.1	1	-3.72	292.9	694.6	1.2	1.3	CLACKMANNAN, CENTRAL	2+	8	19	127	0.04	0.2	0.5	A*C	C/F, FELT CLACKMANNAN	
19951127	21	11	00	1.3	3	-3.72	293.0	694.2	0.3	1.2	CLACKMANNAN, CENTRAL		9	19	85	0.07	0.2	0.4	A*C	C/F	
19950404	18	33	56	1.2	2	-3.73	292.6	693.3	1.5	0.9	CLACKMANNAN, CENTRAL	9	20	114	0.10	0.5	0.8	A*C	C/F		
19950826	17	28	19	1.3	3	-3.94	279.0	688.8	4.0	0.8	BANNOCKBURN, CENTRAL	14	14	94	0.10	0.4	0.9	A*C	3KM SE OF BANNOCKBURN		
19950621	17	57	38	1.2	2	-5.76	165.9	692.9	3.7	1.2	SOUND OF JURA, S' CLYDE	7	68	246	0.00	0.1	0.1	A*D			
19950120	19	08	26	1.7	7	-5.65	171.9	673.7	8.2	0.9	KILMORY, STRATHCLYDE	7	62	252	0.16	2.6		C*D			
19950419	20	20	11	1.6	6	-5.57	35.5	654.2	6.9	1.0	CARLUKE, STRATHCLYDE	19	9	72	0.13	0.4	0.5	A*B	18KM ENE OF CARLUKE		
19950219	19	43	48	1.3	3	-5.40	186.1	646.1	6.5	1.2	NW ARRAN, STRATHCLYDE	12	37	193	0.09	0.7	2.0	B*D	OFFSHORE LOCATION		
19950711	14	53	00	1.6	4	-3.46	307.9	619.1	6.4	0.9	TWEEDSMUIR, BORDERS	16	22	156	0.16	0.8	9.7	C*C			
19951031	03	03	56	1.3	3	-5.21	197.1	617.5	7.9	1.6	ISLE OF ARRAN, S' CLYDE	12	26	137	0.05	0.2	1.3	A*C			
19950109	05	38	53	1.8	8	-5.27	192.5	610.0	12.6	1.1	ISLE OF ARRAN, S' CLYDE	7	20	146	0.08	0.8	3.2	B*C	OFFSHORE, SOUTH OF ARRAN		
19950404	01	41	40	1.5	5	-5.28	192.3	609.9	7.6	1.1	ISLE OF ARRAN, S' CLYDE	8	61	149	0.19	1.0		C*D	OFFSHORE, SOUTH OF ARRAN		
19950331	17	34	48	1.4	4	-5.27	192.8	608.9	7.5	0.8	ISLE OF ARRAN, S' CLYDE	5	61	263	0.08			D*D	OFFSHORE, SOUTH OF ARRAN		
19950720	21	08	41	1.4	4	-3.50	304.8	595.2	4.0	0.4	JOHNSTONEBRIDGE, D & G	9	12	192	0.09	0.2	0.6	A*D			
19951023	13	25	29	1.8	5	-5.24	34.9	594.5	3.6	1.7	JOHNSTONEBRIDGE, D & G	16	12	137	0.09	0.3	1.3	A*C			
19950706	10	38	29	1.3	3	-3.51	304.2	593.8	8.4	2.1	JOHNSTONEBRIDGE, D & G	32	11	58	0.15	0.3	1.0	B*B			
19950706	10	39	10	1.7	7	-5.23	305.2	593.4	3.3	1.5	JOHNSTONEBRIDGE, D & G	11	12	132	0.09	0.4	1.5	A*C			
19951024	09	37	52	1.8	8	-3.51	304.2	593.9	8.1	1.6	JOHNSTONEBRIDGE, D & G	17	11	126	0.18	0.6	2.3	B*B			
19950207	19	39	40	1.9	9	-3.50	304.5	591.9	6.4	0.6	JOHNSTONEBRIDGE, D & G	14	11	170	0.10	0.5	2.4	B*C			
19950829	22	56	09	1.4	4	-3.43	309.2	590.4	9.2	0.7	JOHNSTONEBRIDGE, D & G	15	15	121	0.07	0.3	0.9	A*B			
19950828	07	43	59	1.9	9	-3.45	307.7	587.8	9.2	0.4	JOHNSTONEBRIDGE, D & G	8	13	212	0.06	0.7	1.2	A*D			
19950203	07	36	51	1.8	5	-3.63	296.2	578.9	11.1	1.1	DUMFRIES, D & G	8	9	130	0.06	0.5	1.0	A*B			
19950527	04	01	19	6.6	5	-55.00	-1.81	412.2	567.2	4.1	1.4	PRUDHOE, TYNESIDE	22	30	212	0.31	1.4	3.3	C*D		
19950805	14	45	40	1.1	1	-3.39	310.9	564.7	10.8	1.2	RUTHWELL, D & G	21	12	65	0.16	0.4	1.5	B*B	OFFSHORE, 3KM S RUTHWELL		
19950612	18	47	25	3.3	3	-3.11	328.5	555.1	13.1	0.6	WIGTON, CUMBRIA	13	15	62	0.03	0.1	0.4	A*B	7KM NE OF WIGTON		
19950130	18	49	57	9.9	4	-2.36	376.8	490.8	4.1	1.9	GARSDALE, CUMBRIA	16	39	102	0.10	0.4	1.8	A*C			
19950311	14	44	14	6.6	4	-4.00	269.6	491.4	9.8	2.3	IRISH SEA	14	30	167	0.12	0.6	4.0	B*C	12KM EAST OF RAMSEY		
19950319	03	38	35	4.4	5	-54.22	-2.51	366.7	480.4	5.2	1.0	KIRKBY LONSDALE, LANCS	8	46	154	0.07	0.7		C*C	5KM E OF KIRKBY LONSDALE	
19950301	20	52	59	1.1	5	-1.02	464.1	467.1	9.7	1.5	YORK, NORTH YORKSHIRE	10	35	107	0.09	0.4	1.6	A*C	15KM NNE OF YORK		
19951101	00	55	21	9.9	1	-1.09	459.6	440.0	0.5	2.1	STILLINGFEET, N YORKS	2+	10	37	145	0.36	2.3	4.0	C*C	C/F, FELT STILLINGFLEET	
19950421	00	37	25	5.3	7	-1.24	450.5	423.4	0.3	1.3	KNOTTINGLEY, W YORKS		7	38	155	0.18	1.1	1.6	B*C	C/F	
19951212	04	44	35	5.5	1	-1.44	437.2	417.4	6.3	1.2	PONTEFRACT, W YORKSHIRE	6	30	140	0.18	0.7	3.6	B*C			
19951011	20	53	48	2.2	8	-1.43	437.6	401.6	0.4	1.9	ROOTHERHAM, S YORKSHIRE	2+	5	28	205	0.10	1.4	2.8	B*D	C/F, FELT STAINTON	
19950525	18	58	18	9.9	9	-1.32	445.1	399.6	1.0	1.6	ROOTHERHAM, S YORKSHIRE	7	36	296	0.31	18.6	13.4	D*D	C/F, 6KM NE OF ROTHERHAM		
19950811	22	09	07	8.8	8	-2.49	367.5	394.5	1.0	1.5	LEIGH, GTR MANCHESTER	3+	20	44	145	0.32	0.7	0.8	C*C	C/F, FELT LOWTON COMMON	
19950421	21	22	20	4.4	4	-1.31	445.9	394.4	0.3	1.1	ROOTHERHAM, S YORKSHIRE	11	26	231	0.22	1.2	0.9	B*D	C/F		
19950510	04	03	13	1.1	1	-1.29	447.3	393.5	0.0	1.5	ROOTHERHAM, S YORKSHIRE	14	26	69	0.46	1.4	2.4	C*C	C/F		
19951011	01	34	46	5.5	6	-1.33	444.9	392.1	1.0	1.9	ROOTHERHAM, S YORKSHIRE	6	23	231	0.20	3.7	2.9	C*D	C/F		
19951011	21	23	32	7.7	7	-1.16	455.9	390.8	1.0	2.0	MALTBY, S YORKSHIRE	2+	10	30	163	0.36	2.7	5.9	C*C	C/F, FELT STAINTON	

TABLE 2: CATALOGUE OF EARTHQUAKES LISTED IN ORDER OF DECREASING LATITUDE: 1995 continued

Year	Mo	Day	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
19951022	20	35	51.3	53.40	-1.20	453.5	390.0	0.5	1.7	MALTBY, SOUTH YORKSHIRE	2+	8	28	122	0.55	3.5	6.9	D*C	C/F, FELT MALTBY...		
19950823	01	04.8	53.38	-4.46	236.6	390.4	22.6	-1.1	ANGLESEY, GWYNEDD		6	6	179	0.03	0.7	0.8	A*C				
19950207	01	50.6.3	53.34	-1.08	461.4	383.3	0.2	0.8	WORKSOP, NOTTS		7	32	209	0.26	2.8	2.2	C*D	C/F			
19950926	15	32.45.0	53.32	-1.84	410.8	379.8	0.4	2.1	PEAK FOREST, DERBYSHIRE		23	22	97	0.28	0.6	0.9	B*C	COLLAPSE TYPE EVENT			
19950220	17	44.11.9	53.30	-1.79	413.8	378.2	1.0	1.7	BUXTON, DERBYSHIRE		17	18	106	0.45	1.4	2.5	C*C	C/F			
19951211	15	59.18.9	53.29	-1.83	411.3	377.5	0.1	1.9	BUXTON, DERBYSHIRE		18	21	92	0.30	0.9	1.6	C*C	COLLAPSE TYPE			
19951213	14	06.43.9	53.27	-1.84	410.9	374.8	0.5	1.2	BUXTON, DERBYSHIRE		7	21	177	0.18	1.2	1.5	B*C	COLLAPSE TYPE			
19950714	08	20.37.8	53.26	-1.87	408.6	373.3	11.5	1.0	WIRKSWORTH, DERBYSHIRE		4	23	274	0.32			C*D				
19950513	23	20.42.0	53.24	-1.00	466.9	372.3	2.0	0.8	WORKSOP, NOTTS		7	35	226	0.06	1.0	0.7	B*D	C/F			
19950718	05	04.7.1	53.16	-1.11	459.8	362.7	4.8	1.1	RAINWORTH, NOTTS		8	30	191	0.31	3.4	6.1	C*D				
19950630	03	28.04.2	53.15	-1.13	458.5	361.9	1.6	1.3	MANSFIELD, NOTTS		7	29	98	0.38	2.8	4.8	C*C	C/F			
19950224	19	10.28.3	53.13	-1.01	466.0	359.4	1.0	0.6	BILSTHORPE, NOTTS		5	34	225	0.22	5.2	7.7	D*D	C/F			
19950719	04	22.49.5	53.13	-1.15	457.0	359.9	0.5	0.7	MANSFIELD, NOTTS		8	29	178	0.30	1.6	2.2	B*C	C/F			
19950502	23	14.44.0	53.10	2.19	680.7	363.8	2.3	3.4	SOUTHERN NORTH SEA		9	58	316	0.11	5.2	3.8	D*D	65KM NE OF GT YARMOUTH			
19950716	10	53.44.1	53.10	-1.17	455.5	356.1	0.8	1.7	MANSFIELD, NOTTS	2+	6	30	203	0.18	1.3	1.6	B*D	C/F, FELT MANSFIELD AREA			
19950702	20	38.50.7	53.09	-5.09	193.3	359.2	2.1	0.5	CAERNARFON BAY		10	39	276	0.14	1.5		C*D				
19950714	08	57.43.8	53.09	-1.05	463.5	355.7	0.3	1.5	MANSFIELD, NOTTS		8	36	225	0.40	3.3	3.1	C*D	C/F, 6KM SE OF MANSFIELD			
19950718	15	58.59.4	53.08	-1.29	447.4	354.4	1.0	1.0	MANSFIELD, NOTTS		7	25	146	0.26	1.7	3.0	B*C	C/F, 7KM SW OF MANSFIELD			
19951011	18	20.39.4	53.06	-1.28	448.5	351.3	6.8	2.4	MANSFIELD, NOTTS	3+	14	24	95	0.28	1.2	2.1	B*C	FELT SOUTH NORMANTON			
19951011	18	19.52.1	53.05	-1.29	447.7	351.0	6.5	1.9	MANSFIELD, NOTTS		15	24	73	0.24	1.0	2.6	B*C	9 KM SW OF MANSFIELD			
19951127	03	12.08.9	53.05	-2.19	387.4	350.9	0.8	1.8	STOKE-ON-TRENT, STAFFS		12	23	123	0.14	0.7	1.2	A*C	C/F			
19950220	01	59.05.2	53.04	-2.20	386.7	348.8	3.0	2.5	STOKE-ON-TRENT, STAFFS	4+	14	6	139	0.13	0.7	1.6	A*C	FELT STOKE-ON-TRENT...			
19950425	21	26.40.8	53.04	-1.10	460.5	350.0	0.4	1.3	NOTTINGHAM, NOTTS		8	35	155	0.36	2.7	4.1	C*C	C/F, 9KM NE OF NOTTINGHAM			
19950220	16	44.38.5	53.03	-2.19	387.0	348.1	3.4	1.6	STOKE-ON-TRENT, STAFFS		9	24	195	0.11	1.5	2.0	B*D				
19950222	21	15.03.0	53.03	-2.19	387.0	348.1	1.7	2.3	STOKE-ON-TRENT, STAFFS	4+	15	24	98	0.13	0.6	0.7	A*C	FELT STOKE-ON-TRENT			
19950222	23	40.18.7	53.03	-2.21	386.0	348.1	3.0	1.7	STOKE-ON-TRENT, STAFFS	3+	12	25	162	0.15	0.7	1.4	B*C	FELT STOKE-ON-TRENT...			
19950223	21	14.02.4	53.03	-2.20	386.5	348.3	5.6	1.6	STOKE-ON-TRENT, STAFFS		9	24	162	0.10	0.7	1.2	A*C				
19950224	10	31.22.0	53.03	-2.19	387.2	348.0	1.3	2.2	STOKE-ON-TRENT, STAFFS	3+	17	23	99	0.15	0.5	0.6	B*C	FELT STOKE-ON-TRENT...			
19950225	03	16.56.6	53.03	-2.19	387.2	348.5	3.0	1.5	STOKE-ON-TRENT, STAFFS		9	23	162	0.08	0.5	1.2	A*C				
19950228	04	44.34.1.0	53.03	-2.19	387.1	348.3	5.0	1.4	STOKE-ON-TRENT, STAFFS		13	23	123	0.15	0.7	1.5	B*C				
19950325	15	42.05.8	53.03	-2.20	386.9	347.9	5.0	1.6	STOKE-ON-TRENT, STAFFS		13	24	161	0.09	0.5	0.9	A*C				
19950414	01	23.45.7	53.03	-4.16	254.9	350.7	13.8	-0.1	BEDDGELERT, GWYNEDD		15	12	133	0.11	0.4	1.0	A*B	5KM NW OF BEDDGELERT			
19950531	19	44.48.3	53.03	2.20	681.8	356.8	5.0	1.5	SOUTHERN NORTH SEA		8	56	314	0.22			D*D				
19950221	23	15.24.8	53.02	-2.18	387.7	347.3	1.6	2.2	STOKE-ON-TRENT, STAFFS	3+	16	23	120	0.12	0.4	0.5	A*C	FELT STOKE-ON-TRENT...			
19950222	10	33.09.4	53.02	-2.19	387.3	346.8	1.7	2.0	STOKE-ON-TRENT, STAFFS		13	23	159	0.17	0.8	0.9	B*C				
19950222	21	17.17.0	53.02	-2.19	387.1	347.1	2.8	1.7	STOKE-ON-TRENT, STAFFS		9	23	160	0.06	0.4	0.8	A*C				
19950223	01	27.14.8	53.02	-2.21	386.2	346.8	3.9	1.8	STOKE-ON-TRENT, STAFFS	3+	12	24	160	0.26	1.4	2.3	B*C	FELT STOKE-ON-TRENT...			
19950426	23	34.39.1	53.02	-2.19	387.1	346.8	0.4	1.4	STOKE-ON-TRENT, STAFFS		11	23	120	0.14	0.7	1.0	A*C	C/F			
19950904	20	24.26.6	53.01	-4.77	214.2	349.1	14.9	1.4	CAERNARVON BAY, GWYNEDD		13	21	226	0.09	0.7	1.1	A*D				
19950316	22	42.25.4	52.99	-4.39	239.7	345.9	15.4	1.2	LLEYN PENIN, GWYNEDD		6	3	161	0.05	1.1	1.3	B*C	10KM NNE OF PWLLHELI			
19951020	11	22.53.1	52.99	-3.50	299.3	344.3	11.1	1.5	BALA, GWYNEDD		17	19	161	0.07	0.3	0.4	A*C	10KM NE OF BALA			
19950222	07	51.31.8	52.97	-2.26	382.2	341.5	2.3	2.3	NEWCASTLE-U-LYME, STAFFS	4+	20	29	95	0.13	0.5	0.7	A*C	C/F, FELT NEW-U-LYME...			
19950401	16	57.48.5	52.97	-4.40	238.6	344.4	18.4	0.3	LLEYN PENIN, GWYNEDD		15	2	96	0.09	0.4	0.7	A*B				
19950930	10	51.05.2	52.97	-4.38	240.5	343.9	24.0	0.2	LLEYN PENIN, GWYNEDD		8	4	109	0.05	0.5	0.6	A*B				
19950118	12	34.39.6	52.96	-4.38	240.3	343.3	23.1	0.5	LLEYN PENIN, GWYNEDD		19	4	86	0.08	0.3	0.5	A*A				

TABLE 2: CATALOGUE OF EARTHQUAKES LISTED IN ORDER OF DECREASING LATITUDE: 1995 continued

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
19950627	03	1629.8	52.96	-4.38	240.4	343.4	22.9	0.2	LLEYN PENIN, GWYNEDD	10	4	100	0.09	0.7	1.4	A*B					
19950730	07	5935.6	52.96	-4.39	239.2	343.4	23.5	-0.1	LLEYN PENIN, GWYNEDD	7	3	190	0.02	0.4	0.3	A*D					
19951014	21	1840.6	52.96	-2.27	382.1	339.8	0.5	1.5	NEWCASTLE-U-LYME, STAFFS	10	29	129	0.22	1.0	1.2	B*C	C/F				
19951129	20	5140.3	52.96	-2.26	382.3	340.5	1.0	2.0	NEWCASTLE-U-LYME, STAFFS2+	15	29	94	0.15	0.6	0.9	A*C	C/F, FELT NEW-U-LYME				
19950515	06	4600.6	52.95	-4.39	239.4	342.3	20.7	1.2	LLEYN PENIN, GWYNEDD	15	4	92	0.07	0.3	0.6	A*B					
19950817	01	5515.8	52.95	-4.39	239.4	341.6	21.6	-0.7	LLEYN PENIN, GWYNEDD	7	4	197	0.13	3.3	1.5	C*D					
19951201	17	3912.2	52.95	-4.38	239.9	341.4	23.7	1.4	LLEYN PENIN, GWYNEDD	11	5	92	0.05	0.4	1.0	A*B					
19950830	04	2925.9	52.87	-3.41	304.9	330.8	13.4	0.7	BALA, GWYNEDD	15	11	126	0.18	1.1	1.3	B*B	13KM SE OF BALA				
19950718	05	0454.4	52.86	-3.57	294.1	330.6	12.9	0.7	BALA, GWYNEDD	10	22	104	0.07	0.6	0.9	A*B					
19951126	21	0534.7	52.85	-3.55	295.6	328.8	9.5	0.7	BALA, GWYNEDD	11	21	99	0.12	0.7	3.4	B*C	6KM SSE OF BALA				
19950620	23	5210.1	52.83	-4.33	243.1	329.0	20.5	0.4	PWLLHELI, GWYNEDD	11	17	139	0.08	0.5	1.0	A*C	CARDIGAN BAY				
19950507	11	1920.0	52.64	-4.32	243.2	306.9	13.7	0.2	CARDIGAN BAY, GWYNEDD	10	20	188	0.15	1.1	2.0	B*D	20KM WSW OF BARMOUTH				
19950101	16	2010.5	52.57	1.56	641.0	303.4	6.0	2.7	REEDHAM, NORFOLK	15	22	205	0.22	1.1	1.2	B*D					
19950407	19	2506.1	52.41	-1.76	416.5	279.6	16.7	1.1	BIRMINGHAM, W MIDLANDS	10	47	180	0.31	4.0		C*C					
19951111	02	3938.5	52.41	-3.24	316.0	280.1	14.3	1.3	CLUN, SHROPSHIRE	9	8	67	0.08	0.6	0.5	A*A					
19951218	15	2146.0	52.41	-2.80	345.4	279.9	14.4	0.9	LUDLOW, SHROPSHIRE	9	13	182	0.09	0.7	0.6	A*D	6KM NW OF LUDLOW				
19950101	21	5637.3	52.40	-3.15	321.7	278.4	12.6	0.9	KNIGHTON, POWYS	8	3	113	0.04	0.3	0.3	A*B	8KM NW OF KNIGHTON				
19950326	03	2114.6	52.32	-2.59	359.8	269.3	13.2	1.2	TENBURY WELLS, HER & WOR	11	30	217	0.19	1.1	1.7	B*D					
19950307	01	0855.7	52.29	-2.50	366.1	265.5	12.4	0.5	TENBURY WELLS, HER & WOR	10	28	233	0.22	1.9	2.6	B*D	7KM ESE TENBURY WELLS				
19950108	03	5412.6	52.16	-2.64	356.1	251.0	12.2	0.5	HEREFORD, HER & WOR	5	30	256	0.09	3.9	3.7	C*D	11KM NNE OF HEREFORD				
19950918	23	4552.4	52.00	-2.81	344.3	233.9	11.1	1.0	HEREFORD, HER & WOR	12	13	102	0.14	0.5	0.9	A*B	7KM SW OF HEREFORD				
19950329	18	0508.0	51.77	-3.45	299.9	209.0	14.9	1.2	MERTHYR TYDFIL, M GLAM	8	37	159	0.09	1.0	1.4	A*C					
19951207	14	1652.2	51.77	-4.17	250.1	210.4	14.0	1.6	LLANELLI, DYFED	10	3	100	0.16	0.9	1.1	B*B					
19950402	03	4627.3	51.76	-3.73	280.8	208.1	10.8	1.5	NEATH, WEST GLAMORGAN	15	29	82	0.21	0.8	1.4	B*C	14KM N OF NEATH				
19951004	20	4027.2	51.71	-4.14	251.9	203.5	10.3	1.7	LLANELLI, DYFED	18	4	104	0.18	0.7	1.0	B*B					
19950309	02	4957.8	51.70	-3.26	313.0	200.8	0.3	0.8	BARGOED, MID GLAMORGAN	6	32	257	0.06	0.9	1.4	A*D	C/F				
19950313	22	4510.5	51.55	-3.13	321.9	184.3	11.0	2.2	CARDIFF, SOUTH GLAMORGAN	15	24	88	0.10	0.4	1.3	A*C					
19951014	12	3430.6	51.30	-3.95	263.9	157.5	7.3	1.6	BRISTOL CHANNEL	13	28	94	0.21	0.7	2.9	B*C	15KM NE OF ILFRACOMBE				
19950705	01	5315.4	51.13	-4.42	230.4	139.7	10.2	0.6	BARNSTAPLE BAY, DEVON	5	16	149	0.37	15.4		D*D					
19950909	18	2024.2	50.91	-0.87	479.5	112.4	9.3	2.5	HORNDEAN, HAMPSHIRE	11	21	136	0.09	0.5	2.4	B*C					
19950810	02	1632.6	50.62	-4.61	215.5	83.3	7.5	1.6	BODMIN MOOR, CORNWALL	12	36	149	0.07	0.3	1.3	A*C	18KM WEST OF LAUNCESTON				
19950619	00	3747.0	50.21	-5.25	168.0	40.1	0.2	0.8	CAMBORNE, CORNWALL	7	4	298	0.03	1.6	5.6	C*D	COLLAPSE TYPE EVENT				
19950110	00	5518.8	50.18	-5.05	182.1	35.1	9.0	0.6	PENRYN, CORNWALL	8	5	320	0.01	0.2	0.2	A*D					
19950110	11	2429.2	50.18	-5.05	182.4	35.3	8.8	0.3	PENRYN, CORNWALL	7	6	312	0.01	0.2	0.1	A*D					
19950422	03	2009.3	50.11	-5.18	172.9	28.0	5.9	0.6	CONSTANTINE, CORNWALL	8	3	125	0.01	0.1	0.2	A*B					
19950817	16	0123.3	49.88	-4.26	237.5	0.6	11.1	3.1	ENGLISH CHANNEL	20	56	172	0.14	0.9	1.5	A*D	55KM SOUTH OF PLYMOUTH				
19950322	06	3432.4	49.46	-5.39	154.3	-43.7	7.1	1.3	LIZARD POINT, CORNWALL	11	68	335	0.11	3.2	1.2	C*D	SW OF LIZARD POINT				
19950408	14	2843.8	49.32	-2.49	364.7	-64.3	8.4	1.3	N JERSEY, CHANNEL ISLES	8	23	344	0.03	1.1	6.2	C*D	20KM NW OF JERSEY				
19951211	02	5452.7	49.22	-2.24	382.3	-75.7	9.6	0.8	JERSEY, CHANNEL ISLES	8	3	312	0.01	0.1	0.1	A*D					
19950113	03	1841.3	49.19	-2.36	373.4	-78.4	9.1	0.2	JERSEY, CHANNEL ISLES	8	12	341	0.02	0.6	0.5	A*D	10KM W OF JERSEY				
19951007	03	0551.4	49.13	-2.19	385.9	-85.1	9.2	0.6	JERSEY, CHANNEL ISLES	10	6	297	0.04	0.6	0.5	A*D					
19950711	20	5843.7	49.08	-2.00	400.3	-91.4	4.9	-0.3	JERSEY, CHANNEL ISLES	6	15	337	0.37	1.6	7.9	C*D	15KM SE OF JERSEY				
19951005	16	2235.3	49.08	-2.10	393.0	-90.8	3.2	-0.6	S OF JERSEY, CHANNEL IS	7	12	313	0.14	3.0		C*D					
19951207	01	3919.8	49.08	-1.78	415.7	-91.6	6.8	0.2	JERSEY, CHANNEL ISLES	6	23	345	0.00	0.2	0.1	A*D	20KM SE OF JERSEY				
19951216	21	1934.5	49.07	-1.77	416.9	-91.9	5.8	0.5	JERSEY, CHANNEL ISLES	7	24	346	0.05	2.4	10.8	C*D	25KM SE OF JERSEY				
19951210	03	2346.4	49.05	-2.17	387.7	-94.8	9.9	0.0	JERSEY, CHANNEL ISLES	7	16	333	0.04	1.4	2.6	B*D	15KM S OF JERSEY				

TABLE 3

CATALOGUE OF NON-NATURAL EVENTS LISTED CHRONOLOGICALLY: 1995

KEY TO BULLETIN ENCODING

YearMoDy	: Year, month and day of event.
HrMn Secs	: Time of occurrence of event in hours, mins and secs, (UTC).
Lat	: Latitude of the event, positive latitude indicates north.
Lon	: Longitude of the event, negative longitude indicates west.
kmE	: UK National Grid Reference in kilometres east of grid origin.
kmN	: UK National Grid Reference in kilometres north of grid origin.
Dep	: Depth of the hypocentre in kilometres.
Mag	: Richter local magnitude of the event.
Locality	: A geographical indication of the epicentral area, usually the nearest town followed by the region. A key to the abbreviations used in the locality column are given below.
Int	: Maximum EMS intensity. 2+ indicates felt, no macroseismic details. 3+, 4+ etc indicates felt at 3 or 4, but no survey carried out. 3, 4, 5 etc describes the maximum EMS intensity produced by the event.
Comments	: Additional comments about the event eg: C/F, see below under comments abbreviations.

The following abbreviations are extracted from the output of the location program HYPO71 (Lee and Lahr,1975)

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 of the travel-time residuals in seconds.
ERH	: Standard error of the epicentre in kilometres. When this column is blank, the error is large and indeterminate.
ERZ	: Standard error of the focal depth in kilometres. When this column is blank, the error is large and indeterminate.
SQD	: S is quality factor ascribed to RMS, D is quality ascribed to number and distribution of stations.

Locality abbreviations

Sonic	: Sonic boom	M Glam	: Mid Glamorgan
Expl	: Explosion	Notts	: Nottinghamshire
D & G	: Dumfries and Galloway	S'Clyde	: Strathclyde
Her & Wor	: Hereford and Worcester	S Yorks(hire)	: South Yorkshire
Gtr Manchester	: Greater Manchester	W Yorks(hire)	: West Yorkshire
Lancs	: Lancashire	N Yorks(hire)	: North Yorkshire
Staffs	: Staffordshire	W Midlands	: West Midlands
Newcastle-U-Lyme	: Newcastle-Under-Lyme	Penin	: Peninsula

Comments abbreviations

Sonic	: Sonic boom
Expl	: Explosion
C/F	: Coalfield type event
...	: and felt elsewhere

TABLE 3: CATALOGUE OF NON-NATURAL EVENTS LISTED CHRONOLOGICALLY: 1995

Year	Mo	Dy	Hr	Mn	Secs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	SQD	Comments
1995	06	05	20	49	52.0							SONIC-FELT FIFE/TAYSIDE									SONIC-FELT TAYPORT...
1995	06	22	15	16	47.0							SONIC-FELT NORFOLK									SONIC-FELT NORWICH...
1995	06	22	19	15	13.6	53.30	-4.07	262.3	380.4	0.9	0.5	EXPL-PENMON,ANGLESEY	3+	9	12	190	0.08	1.6	3.5	B*D	EXPL-FELT PENMON...
1995	07	26	09	23	36.0							SONIC-ISLE OF MAN									SONIC-FELT ISLE OF MAN
1995	11	02	10	14	58.0							SONIC-CENTRAL FIFE									SONIC-FELT GLENROTHES...
1995	11	02	14	54	37.0							SONIC-ANGLESEY									SONIC-FELT ANGLESEY...
1995	11	04	21	00	00.0							OASIS CONCERT, LONDON	2+								FELT WEST LONDON
1995	11	04	21	30	00.0							OASIS CONCERT, LONDON	2+								FELT WEST LONDON
1995	11	04	22	13	00.0							OASIS CONCERT, LONDON	2+								FELT WEST LONDON
1995	11	05	21	30	00.0							OASIS CONCERT, LONDON	2+								FELT WEST LONDON

TABLE 4

GEOGRAPHICAL COORDINATES OF SEISMOGRAPH STATIONS: DECEMBER 1995

TABLE 4 : GEOGRAPHIC COORDINATES OF SEISMOGRAPH STATIONS: DECEMBER 1995

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
AEU	E.ANGLIA	52.6201	1.2347	618.93	307.44	15	94-	S	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
BBH	BRUNTSHEIL	55.1332	-2.9299	340.72	582.50	207	92-	1	BGS
BBO	BOTHEL	54.7367	-3.2465	319.75	538.70	205	92-	3	BGS
BCC	CHAPELCROSS	55.0154	-3.2202	321.98	569.67	68	92-	L	BGS
BCM	CHAPELCROSS MIC	55.0151	-3.2212	321.92	569.64	78	92-	m	BGS
BDL	DOBCROSS HALL	54.8030	-2.9390	339.65	545.76	132	92-	1	BGS
BHH	HOWATS HILL	55.0928	-3.2187	322.23	578.28	198	92-	3	BGS
BNA	NEW ABBEY	54.9659	-3.6244	296.02	564.70	78	92-	1	BGS
BTA	TALKIN	54.9057	-2.6841	356.14	557.00	276	92-	3	BGS
BWH	WARDLAW	55.1757	-3.6551	294.61	588.08	275	92-	1	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
CDU	DUNNERDALE	54.3363	-3.1950	322.31	494.09	362	92-	1	BGS
CGH	GOONHILLY	50.0508	-5.1649	173.47	21.61	91	81-	1	BGS
CGW	GEEK	50.1003	-5.2224	169.58	27.29	76	93-	1	BGS
CKE	KESWICK	54.5878	-3.1062	328.52	521.98	296	92-	1	BGS
CMA	MANACCAN	50.0819	-5.1273	176.30	24.96	50	93-	1	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
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
CSF	SCAFELL	54.4478	-3.2431	319.40	506.55	548	92-	1	BGS
CSM	SELLAFIELD MIC	54.4183	-3.4913	303.24	503.58	50	92-	m	BGS
CST	STITHIANS	50.1952	-5.1635	174.24	37.66	139	81-	1	BGS
CWF	CHARNSWOOD 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	55.8454	-3.4474	309.38	662.30	359	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	56.9190	-2.5394	367.16	780.97	401	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	55.0760	-6.1300	136.40	583.70	275	89-	1R	BGS
GIM	N ISLE OF MAN	54.2923	-4.4670	239.46	491.35	366	89-	3R	BGS
GMK	MULL OF KINTYRE	55.3459	-5.5936	172.18	611.65	160	89-	1R	BGS
GMM	MTS OF MOURNE	54.2390	-5.9510	142.60	489.80	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

TABLE 4: continued

Code	Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
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	49.2000	-2.0380			56	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
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 GRNGE	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
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
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
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	57.4412	-4.3633	258.17	841.43	366	81-	1R	BGS
MFI	FISHRIE	57.6116	-2.2953	382.36	857.97	220	88-	1R	BGS
MLA	LATHERON	58.3050	-3.3640	320.10	935.90	190	81-	1	BGS
MME	MEIKLE CAIRN	57.3150	-2.9650	341.90	825.30	455	81-	1	BGS
MVH	ACHVAICH	57.9232	-4.1816	270.79	894.70	198	84-	1	BGS
OBR*	BRABSTER	58.6142	-3.1626	332.47	970.13	89	95-	1R	BGS
OHO*	HOY	58.8322	-3.2465	328.05	994.48	172	95-	1R	BGS
ORE*	REAY	58.5480	-3.7622	297.45	963.52	100	95-	4Rm	BGS
OST*	STRONSAY	59.0860	-2.5516	368.39	1022.20	15	95-	1R	BGS
OTO*	TONGUE	58.4953	-4.3939	260.49	958.79	338	95-	1R	BGS
OWE*	WESTRAY	59.3180	-3.0289	341.44	1048.36	87	95-	1R	BGS
PCA	CARROT	55.7000	-4.2550	258.30	647.50	305	83-	1	BGS
PCO	CORRIE	55.9880	-4.0970	269.20	679.20	274	83-	1	BGS
PGB	GLENIFFERBRAES	55.8100	-4.4780	244.50	660.50	200	84-	3	BGS
PMS	MUIRSHIEL	55.8460	-4.7440	228.20	664.80	351	83-	1	BGS
POB	OBSERVATORY	55.6370	-4.4170	247.90	664.10	34	92-	L	BGS
RCR*	CAPE WRATH	58.6240	-4.9986	225.90	974.53	100	95-	1R	BGS
REB*	EISG-BRACHAIDH	58.1188	-5.2822	206.70	919.10	100	95-	1R	BGS
RFO*	FORSNAVAL	58.2133	-7.0052	106.10	935.83	197	95-	1R	BGS
RRH*	RHENIGIDALE	57.9197	-6.6881	122.43	901.86	103	95-	1R	BGS
RRR*	RUBHA REIDH	57.8577	-5.8067	174.19	891.68	61	95-	4Rm	BGS
RSC*	SCOURIE	58.3485	-5.1683	214.61	944.33	60	95-	1R	BGS
RTO*	TOLSTA	58.3778	-6.2092	153.95	950.93	74	95-	1R	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
SFH	HASELMERE	51.0604	-0.6911	491.71	129.88	260	93-	1	BGS
SIW	ISLE OF WHITE	50.6716	-1.4027	442.20	86.00	155	93-	1	BGS
SKP	KOPHILL	51.7215	-0.8099	482.20	203.25	215	93-	1	BGS
SMD	MENDIPS	51.3082	-2.7174	350.00	156.87	300	93-	1	BGS
SSP	STONEY POUND	52.4177	-3.1119	324.39	280.59	417	90-	3	BGS
SSW	STOW-ON-WOLD	51.9667	-1.8499	410.31	229.85	291	93-	1	BGS

TABLE 4: continued

Code	Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
SWK	WARMINSTER	51.1483	-2.2471	382.72	138.87	279	93-	1	BGS
SWN	SWINDON	51.5130	-1.8005	413.85	179.42	192	93-	4	BGS
TBW	BRENTWOOD	51.6549	0.2911	558.47	197.66	82	89-	1R	BGS
TCR	COLCHESTER	51.8349	0.9215	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
WCB	CHURCH BAY	53.3782	-4.5465	230.63	389.86	135	85-	4m	BGS
WFB	FAIRBOURNE	52.6830	-4.0378	262.27	311.47	325	85-	1R	BGS
WIM	ISLE OF MAN	54.1472	-4.6735	225.41	475.70	365	85-	1R	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
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
DMS	MERRION SQUARE	53.3406	-6.2486			5	90-	1	DIAS
DMU	KINGSCOURT	53.8989	-6.9106			280	77-	1R	DIAS
DMUB	KINGSCOURT B	53.9000	-6.9086			280	94-	1	DIAS
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

* OBR, OHO, ORE, OST, OTO and OWE installed and operational on 21 September at 11:30 UTC

* RCR, REB, RFO, RFH, RRR, RSC and RTO installed and operational on 10 September at 10:25 UTC

Component Codes:

- 1 Single vertical seismometer
- 3 Orthogonal set of 3 seismometers
- 4 As in 3 above, plus one low-gain vertical seismometer
- 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
- m Low-frequency microphone

Agency Codes:

- BGS British Geological Survey
- DIAS Dublin Institute of Advanced Studies

TABLE 5
PHASE DATA: 1995

KEY TO PHASE DATA ENCODING

Time	:	Time of occurrence of event in hours, mins and secs, (UTC).
Lat	:	Latitude of the event, positive latitude indicates north.
Lon	:	Longitude of the event, negative longitude indicates west.
Depth	:	Depth of the hypocentre in kilometres.
Grid Ref	:	UK National Grid Reference in kilometres east (kmE) and kilometres north (kmN) of grid origin.
Quality	:	Solution quality of hypocentre averaged from QS and QD. A, excellent; B, good; C, fair; D, poor
RMS	:	Root Mean Square of the travel-time residuals in seconds.
Magnitude	:	Richter local magnitude of the event.
Locality	:	A geographical indication of the epicentral area, usually the nearest town followed by the region.
Intensity	:	Maximum EMS intensity. 2+ indicates felt, no macroseismic details. 3+, 4+ etc indicates felt at 3 or 4, but no survey carried out. 3, 4, 5 etc describes the maximum EMS intensity produced by the event.
Comments	:	Additional comments about the event eg: C/F see list of comments abbreviations below.
STAT	:	Station name
CO	:	Station component S=short period Z=vertical N=north-south E=east-west
DIST	:	Distance from earthquake to station (km)
PHAS	:	Phase identifier; the first letter characterizes onset E=emergent I=impulsive, the second indicates the phase eg P, S, PG and PN.
WT	:	Hypo weighting factor to arrival 0 or blank=full weighting to 4=zero weighting (ignore). 9=use P-S interval only for this line.
P	:	Polarity C=Compression/up D=Dilatation/down
HrMn	:	Hour, Minute of event
SECS	:	Seconds of event
AMPL	:	Amplitude centre to peak in nanometers (nm)
PERI	:	Period in seconds

Locality abbreviations

Sonic	:	Sonic boom	M Glam	:	Mid Glamorgan
Expl	:	Explosion	Notts	:	Nottinghamshire
D & G	:	Dumfries and Galloway	S'Clyde	:	Strathclyde
Her & Wor	:	Hereford and Worcester	S Yorks(hire)	:	South Yorkshire
Gtr Manchester	:	Greater Manchester	W Yorks(hire)	:	West Yorkshire
Lancs	:	Lancashire	N Yorks(hire)	:	North Yorkshire
Staffs	:	Staffordshire	W Midlands	:	West Midlands
Newcastle-U-Lyme	:	Newcastle-Under-Lyme	Penin	:	Peninsula

Comments abbreviations

Sonic	:	Sonic boom
Expl	:	Explosion
C/F	:	Coalfield type event
...	:	and felt elsewhere

PHASE DATA : 1995

TABLE 5

January 1 1995 Time: 16:20 10.5 UTC							Magnitude: 2.7 ML						
Lat: 52.575N Lon: 1.557E							Depth: 6.0 km						
Grid Ref: 640.99 kmE 303.39 kmN							RMS: 0.22 secs						
Locality: REEDHAM, NORFOLK							Quality: C						
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI				
AEU	SZ	22	IP	1	D	16:20	14.76			GAL	SE	64	05:39
AEU	SZ	22	ES	2		16:20	18.13			PCA	SZ	76	05:39
AWI	SZ	30	IP	1	D	16:20	16.02			PCA	SZ	76	05:39
AWI	SZ	30	ES	3		16:20	19.91						15.43
AWH	SZ	42	IP	1	D	16:20	17.57						15.79
AWH	SZ	42	ES	2		16:20	23.28						06.42
ABA	SZ	45	IP	1	D	16:20	18.45						15.43
ABA	SZ	45	ES	2		16:20	23.81						
KUF	SZ	132	EP	3		16:20	31.80						
KSY	SZ	151	IP	1	C	16:20	34.83						
TFO	SZ	165	EP	2		16:20	36.38						
TFO	SN	165	ES	3		16:20	56.34						
TFO	SN	165				16:20	57.24	212	0.22				
TFO	SE	165				16:20	51.49	123	1.31				
CWF	SZ	195	EP	2		16:20	40.00						
CWF	SN	195	ES	3		16:21	02.11						
CWF	SN	195				16:21	05.04	74	0.19				
CWF	SE	195				16:21	08.10	34	0.12				
KWE	SZ	235	EP	3		16:20	45.78						
January 1 1995 Time: 21:56 37.3 UTC							Magnitude: 0.9 ML						
Lat: 52.398N Lon: 3.151W							Depth: 12.6 km						
Grid Ref: 321.67 kmE 278.42 kmN							RMS: 0.04 secs						
Locality: KNIGHTON, POWYS							Quality: B						
Comments: 8KM NW OF KNIGHTON													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI				
SSP	SZ	4	EP	1	C	21:56	39.53			GAL	SE	64	05:39
SSP	SE	4	ES	2		21:56	41.08			PCA	SZ	76	05:39
SSP	SN	4				21:56	41.08	73	0.04	PCA	SZ	76	05:39
SSP	SE	4				21:56	41.23	30	0.05				
HLM	SZ	23	IP	1	C	21:56	41.76						
HCG	SZ	35	IP	1	C	21:56	43.64						
HTR	SZ	36	IP	1	D	21:56	43.84						
MCH	SZ	46	IP	1	D	21:56	45.26						
MCH	SN	46	ES	2		21:56	51.02						
MCH	SN	46				21:56	51.21	15	0.20				
MCH	SE	46				21:56	51.14	21	0.11				
SBD	SZ	57	IP	1	D	21:56	47.08						
January 7 1995 Time: 20:04 24.9 UTC							Magnitude: 2.1 ML						
Lat: 59.333N Lon: 6.100W							Depth: 17.6 km						
Grid Ref: 166.83 kmE 1056.81 kmN							RMS: 0.53 secs						
Locality: NW LEWIS, OUTER HEBRIDES							Quality: D						
Comments: POOR LOCATION													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI				
MVH	SZ	193	EP	3		20:04	53.33			GAL	SE	64	05:39
KAC	SZ	210	EP	2		20:04	55.21			PCA	SZ	76	05:39
KPL	SZ	224	EP	2		20:04	56.75			PCA	SZ	28	05:36
KPL	SN	224	ES	3		20:05	21.30			EBO	SZ	18	13.54
KPL	SN	224				20:05	26.03	9	0.17	EBO	SZ	18	13.55
KPL	SE	224				20:05	24.59	8	0.17	EBO	SZ	28	05.36
KSB	SZ	240	EP	3		20:04	59.95			EBO	SZ	38	03.01
KSB	SZ	240	ES	3		20:05	27.20			EBO	SZ	38	08.26
MCD	SZ	256	EP	3		20:05	01.98			EBO	SZ	39	03.25
MCD	SE	256	ES	3		20:05	27.26			EBO	SZ	39	08.41
MCD	SN	256				20:05	28.77	8	0.16	EBO	SZ	40	03.41
MCD	SE	256				20:05	28.83	13	0.20	EBO	SZ	40	09.01
KAR	SZ	270	EP	2		20:05	02.58			EBO	SZ	40	09.90
MME	SZ	290	EP	3		20:05	06.02			EBO	SZ	40	11.44
January 8 1995 Time: 03:54 12.6 UTC							Magnitude: 0.5 ML						
Lat: 52.155N Lon: 2.641W							Depth: 12.2 km						
Grid Ref: 356.12 kmE 251.04 kmN							RMS: 0.09 secs						
Locality: HEREFORD, HER & WOR							Quality: D						
Comments: 11KM NNE OF HEREFORD													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI				
MCH	SZ	30	IP		C	03:54	18.23			JVM	SZ	12	04.07
MCH	SN	30	ES	3		03:54	22.19			JSA	SZ	14	04.40
MCH	SN	30				03:54	22.49	13	0.08	JSA	SZ	14	04.68
MCH	SE	30				03:54	22.57	6	0.08	JLP	SZ	20	04.24
HTR	SZ	44	EP	2		03:54	20.17			JRS	SZ	20	04.25
HLM	SZ	44	EP	3		03:54	20.35			JRS	SN	20	04.10
HCG	SZ	72	ES	3		03:54	33.86			JRS	SN	20	04.19
January 9 1995 Time: 05:38 53.8 UTC							Magnitude: 1.1 ML						
Lat: 55.340N Lon: 5.273W							Depth: 12.6 km						
Grid Ref: 192.46 kmE 610.04 kmN							RMS: 0.08 secs						
Locality: ISLE OF ARRAN, S'CLYDE							Quality: C						
Comments: OFFSHORE, SOUTH OF ARRAN													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI				
GMK	SZ	20	IP		C	05:38	57.95			YRE	SZ	4	04.37
GCL	SZ	62	EP	3		05:39	04.23			YRE	SZ	4	05.99
GCL	SZ	62	ES	3		05:39	11.47			YRH	SZ	22	04.80
GAL	SZ	64	EP	3		05:39	04.65			YRH	SZ	22	04.28
GAL	SN	64	ES	3		05:39	12.35			YLL	SZ	24	04.02
GAL	SN	64				05:39	12.57	6	0.11	YLL	SZ	24	04.76
										YRC	SZ	35	04.36
										WLF	SZ	36	04.47
										WLF	SZ	36	05.17
										WFB	SZ	39	04.83
										WFB	SZ	39	05.92
										WPM	SZ	46	04.78
										WPM	SZ	46	05.32

PHASE DATA : 1995

TABLE 5 (cont'd)

WCB	SZ	48	EP	3	12:34	48.44			EBH	SZ	18	IP	1	D	19:14	08.34													
WCB	SE	48	ES	3	12:34	54.18			EBH	SZ	18	ES	3		19:14	11.17													
WCB	SN	48			12:34	53.11	3	0.14	PCO	SZ	29	EP	2		19:14	10.23													
WCB	SE	48			12:34	54.23	4	0.08	ELO	SZ	38	EP	3		19:14	11.55													
WME	SZ	49	EP	2	12:34	48.20			ELO	SZ	38	ES	3		19:14	16.98													
WME	SZ	49	ES	3	12:34	54.26			EAB	SZ	39	EP	3		19:14	11.80													
SBD	SZ	76	EP	3	12:34	52.48			EAB	SZ	39	ES	3		19:14	17.07													
SBD	SZ	76	ES	3	12:35	00.69			EDI	SZ	41	EP	3		19:14	11.95													
									EDI	SN	41	ES	3		19:14	17.70													
January 19 1995		Time: 04:28 17.8 UTC				Magnitude: 0.3 ML				Time: 05:11 55.8 UTC				Magnitude: 0.7 ML															
Lat: 57.034N		Lon: 5.793W				Depth: 2.6 km				Lat: 56.129N				Depth: 0.9 km															
Grid Ref: 169.90 kmE 799.99 kmN						RMS: 0.09 secs				Grid Ref: 293.11 kmE 694.28 kmN				RMS: 0.14 secs															
Locality: KNOYDART, HIGHLAND																													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI										
KAR	SZ	13	EP	1	C	04:28	20.51			EBH	SZ	19	IP	1	D	05:11	59.68												
KAR	SZ	13	ES	3		04:28	22.26			EBH	SZ	19	ES	3		05:12	02.68												
KSB	SZ	30	EP	1	C	04:28	23.35			PCO	SZ	28	EP	2		05:12	01.51												
KSB	SZ	30	ES	3		04:28	27.16			EAU	SZ	36	EP	3		05:12	02.68												
KPL	SZ	35	IP	1	C	04:28	24.21			EAU	SZ	36	ES	3		05:12	07.47												
KPL	SE	35	ES	3		04:28	28.61			ELO	SZ	38	EP	3		05:12	02.58												
KPL	SN	35				04:28	28.78	4	0.15	ELO	SZ	38	ES	3		05:12	08.32												
KPL	SE	35				04:28	28.87	4	0.29	EAB	SZ	39	EP	3		05:12	03.12												
KAC	SZ	60	EP	3		04:28	28.23			EAB	SZ	39	ES	3		05:12	08.38												
										EDI	SZ	40	EP	2		05:12	03.47												
										EDI	SE	40	ES	3		05:12	08.76												
January 19 1995		Time: 20:07 36.4 UTC				Magnitude: 1.3 ML				Time: 05:11 55.8 UTC				Magnitude: 0.7 ML															
Lat: 56.131N		Lon: 3.721W				Depth: 1.0 km				Lat: 56.129N				Depth: 0.9 km															
Grid Ref: 293.04 kmE 694.43 kmN						RMS: 0.10 secs				Grid Ref: 293.11 kmE 694.28 kmN				RMS: 0.14 secs															
Locality: CLACKMANNAN, CENTRAL																													
Comments: C/F																													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI										
EBH	SZ	19	IP		D	20:07	40.30			EBH	SZ	19	IP	1	D	05:11	59.68												
EBH	SZ	19	ES	2		20:07	43.32			EBH	SZ	19	ES	3		05:12	02.68												
PCO	SZ	28	IP	1	C	20:07	42.10			PCO	SZ	28	EP	2		05:12	01.51												
PCO	SZ	28	ES	3		20:07	46.02			EAU	SZ	36	EP	3		05:12	02.68												
EAU	SZ	36	IP	1	D	20:07	43.28			EAU	SZ	36	ES	3		05:12	07.47												
EAU	SZ	36	ES	3		20:07	47.95			ELO	SZ	38	EP	3		05:12	02.58												
ELO	SZ	38	EP	3		20:07	43.67			ELO	SZ	38	ES	3		05:12	08.32												
ELO	SZ	38	ES	3		20:07	48.59			EAB	SZ	39	EP	3		05:12	03.12												
EAB	SZ	39	EP	3		20:07	43.86			EAB	SZ	39	ES	3		05:12	08.38												
EAB	SZ	39	ES	3		20:07	49.02			EDI	SZ	40	EP	2		05:12	03.47												
EDI	SZ	41	EP	1	D	20:07	44.03			EDI	SE	40	ES	3		05:12	08.76												
EDI	SN	41	ES	3		20:07	49.66			EDI	SN	40				05:12	09.84												
EDI	SE	41				20:07	52.11	21	0.27							05:12	11.61												
EBL	SZ	58	EP	3		20:07	46.82										05:12	9.02											
PCA	SZ	58	EP	3		20:07	46.80										05:12	0.32											
PGB	SZ	59	EP	2		20:07	47.27										05:12	0.26											
PGB	SN	59	ES	3		20:07	54.89																						
PGB	SN	59				20:07	56.67	14	0.30																				
PGB	SE	59				20:08	01.12	8	0.25																				
ESK	SN	96	ES	3		20:08	04.92																						
ESK	SN	96				20:08	07.77	10	0.21																				
ESK	SE	96				20:08	08.10	8	0.18																				
January 20 1995		Time: 07:22 46.6 UTC				Magnitude: 0.1 ML				Time: 18:49 57.9 UTC				Magnitude: 1.9 ML															
Lat: 56.247N		Lon: 3.721W				Depth: 7.7 km				Lat: 54.312N				Depth: 4.1 km															
Grid Ref: 293.35 kmE 707.40 kmN						RMS: 0.07 secs				Grid Ref: 376.78 kmE 490.79 kmN				RMS: 0.10 secs															
Locality: OCHIL HILLS, TAYSIDE																													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI										
EBH	SZ	13	IP	1	C	07:22	49.59			LRN	SZ	39	IP	1	C	18:50	04.78												
EBH	SZ	13	ES	3		07:22	51.49			CDU	SZ	55	EP	1	D	18:50	07.40												
EBH	SZ	13				07:22	51.54	14	0.10	CKE	SZ	58	EP	2		18:50	07.89												
ELO	SZ	25	EP	3		07:22	51.26			CSF	SZ	60	EP	2		18:50	08.11												
ELO	SZ	25	ES	3		07:22	54.80			HPK	SZ	62	EP	2		18:50	08.81												
ELO	SZ	25				07:22	55.20	4	0.14	HPK	SN	62	ES	3		18:50	16.20												
EAB	SZ	39	EP	3		07:22	53.51			LMI	SZ	63	EP	2		18:50	08.74												
EAB	SZ	39	ES	3		07:22	58.51			LMI	SE	63	ES	3		18:50	16.18												
EAB	SZ	39				07:22	58.67	3	0.12	LMI	SE	63				18:50	17.10												
January 20 1995		Time: 19:08 26.7 UTC				Magnitude: 0.9 ML				Time: 20:20 49.2 UTC				Magnitude: 0.0 ML															
Lat: 55.902N		Lon: 5.649W				Depth: 8.2 km				Lat: 57.321N				Depth: 4.1 km															
Grid Ref: 171.94 kmE 673.67 kmN						RMS: 0.16 secs				Grid Ref: 195.76 kmE 830.71 kmN				RMS: 0.07 secs															
Locality: KILMORY, STRATHCLYDE																													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI										
GMK	SZ	62	EP	3		19:08	37.34			KSB	SZ	13	IP		D	20:20	51.84												
GMK	SZ	62	ES	3		19:08	44.73			KSB	SZ	13	ES	3		20:20	53.48												
EAB	SZ	88	EP	3		19:08	40.70			KPL	SZ	16	IP		C	20:20	52.41												
EAB	SZ	88	ES	3		19:08	51.85			KPL	SN	16	ES	3		20:20	54.42												
EAB	SZ	88				19:08	54.18	3	0.13	KPL	SN	16				20:20	54.53												
PCA	SZ	90	EP	3		19:08	41.45			KPL	SE	16				20:20	54.42</												

PHASE DATA : 1995

TABLE 5 (cont'd)

MFI	SZ	341	ES	3	08:44	41.98		BNA	SZ	14	IP	1	C	07:36	55.12				
MCD	SZ	388	EP	3	08:44	13.76		BHH	SZ	26	IP	1	D	07:36	57.07				
MCD	SE	388	ES	3	08:44	51.98		BHH	SN	26	ES	2		07:37	00.34				
MCD	SN	388			08:44	52.60	7 0.11	BHH	SN	26				07:37	00.50				
MCD	SE	388			08:44	52.14	5 0.17	BHH	SE	26				07:37	00.58				
MME	SZ	394	EP	3	08:44	14.38		GCD	SZ	33	EP	2		07:36	57.89				
MME	SZ	394	ES	3	08:44	53.01		ECK	SZ	33	EP	2		07:36	58.04				
MDO	SZ	451	ES	3	08:45	05.65		ESK	SZ	37	IP	1	C	07:36	58.52				
February 2 1995				Time: 21:26 9.7 UTC		Magnitude: 3.2 ML		ESK	SN	37				07:37	03.10				
Lat: 57.959N				Lon: 0.523E		Depth: 17.0 km		ESK	SN	37				07:37	03.87				
Grid Ref: 549.25 kmE 899.41 kmN				RMS: 0.27 secs		Quality: C		ESK	SE	37				07:37	21 0.17				
Locality: CENTRAL NORTH SEA																			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	February 4 1995									
MFI	SZ	172	EP	3	21:26	34.35				Time: 02:24 29.4 UTC					Magnitude: 1.8 ML				
EDR	SZ	218	EP	3	21:26	40.31				Lat: 56.132N					Depth: 0.4 km				
EDR	SZ	218	ES	3	21:27	02.85				Grid Ref: 292.90 kmE 694.53 kmN					RMS: 0.09 secs				
MME	SZ	221	ES	3	21:27	03.34				Locality: CLACKMANNAN, CENTRAL					Quality: B				
MCD	SZ	229	EP	2	21:26	41.71				Comments: C/F									
MCD	SE	229	ES	3	21:27	04.91				STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
MCD	SN	229			21:27	16.65	69	0.25		EBH	SZ	19	IP	1	D	02:24	33.32		
MCD	SE	229			21:27	17.36	69	0.17		EBH	SZ	19	ES	3		02:24	36.33		
MLA	SZ	232	ES	3	21:27	05.40				PCO	SZ	28	IP	1	C	02:24	35.18		
SAN	SZ	251	EP	2	21:26	44.76				PCO	SZ	28	ES	3		02:24	39.07		
SAN	SZ	251	ES	3	21:27	10.43				EAU	SZ	36	EP	1	D	02:24	36.28		
LRW	SZ	262	EP	3	21:26	46.23				EAU	SZ	36	ES	3		02:24	41.46		
LRW	SE	262	ES	3	21:27	12.65				ELO	SZ	38	EP	3		02:24	36.59		
LRW	SN	262			21:27	14.13	10	0.15		EAB	SZ	39	EP	1	C	02:24	36.77		
LRW	SE	262			21:27	14.82	11	0.15		EAB	SZ	39	ES	3		02:24	42.09		
EDU	SZ	265	EP	3	21:26	46.27				EDI	SZ	41	IP	1	D	02:24	37.05		
EDU	SZ	265	ES	3	21:27	12.83				EDI	SE	41	ES	3		02:24	42.91		
WAL	SZ	284	EP	3	21:26	49.03				EDI	SN	41				02:24	43.45		
MDO	SZ	297	EP	3	21:26	50.25				EDI	SE	41				02:24	43.79		
MDO	SZ	297	ES	3	21:27	19.56				EBL	SZ	58	EP	3		02:24	39.82		
ESY	SZ	297	EP	3	21:26	50.53				PCA	SZ	58	EP	2		02:24	39.97		
ESY	SZ	297	ES	3	21:27	20.45				PCA	SZ	58	ES	3		02:24	47.63		
ELO	SZ	305	EP	3	21:26	51.34				PGB	SE	59	EP	3		02:24	40.22		
ELO	SZ	305	ES	3	21:27	21.63				PGB	SE	59	ES	3		02:24	47.92		
KMY	SZ	308	EP	3	21:26	51.88				PGB	SN	59				02:24	55.58		
KMY	SZ	308	ES	3	21:27	22.49				PGB	SE	59				02:24	53.04		
EBH	SZ	310	EP	3	21:26	51.92				EDU	SZ	64	EP	3		02:24	40.94		
EBH	SZ	310	ES	3	21:27	22.74				ESY	SZ	73	EP	3		02:24	42.29		
EDI	SZ	320	EP	3	21:26	53.45				ESK	SZ	96	EP	3		02:24	46.07		
EDI	SE	320	ES	3	21:27	25.48				ESK	SN	96	ES	3		02:24	57.98		
EDI	SN	320			21:27	27.14	125	0.21		ESK	SE	96				02:25	01.00		
EDI	SE	320			21:27	27.43	109	0.32		BBO	SZ	158	EP	4		02:24	55.22		
EBL	SZ	326	EP	3	21:26	54.07				BBO	SN	158				02:25	15.44		
EBL	SZ	326	ES	3	21:27	26.66				BBO	SE	158				02:25	30.35		
KAC	SZ	351	EP	2	21:26	56.77											0.30		
KAC	SZ	351	ES	3	21:27	31.39											0.25		
EAB	SZ	355	EP	3	21:26	57.66													
EAB	SZ	355	ES	3	21:27	32.27													
KSB	SZ	365	EP	3	21:26	58.39													
KSB	SZ	365	ES	3	21:27	34.17													
EGD	SZ	367	ES	3	21:27	35.24													
KPL	SZ	376	EP	3	21:27	00.00													
KPL	SN	376	ES	3	21:27	36.47													
KPL	SN	376			21:27	39.84	14	0.13											
KPL	SE	376			21:27	38.63	11	0.24											
ASK	SZ	388	EP	3	21:27	01.27													
ODD1	SN	414	ES	3	21:27	45.27													
SUE	SN	420	ES	3	21:27	46.09													
BBO	SZ	428	EP	3	21:27	07.00													
BBO	SE	428	ES	3	21:27	48.31													
BBO	SN	428			21:27	50.41	45	0.27											
BBO	SE	428			21:27	50.42	65	0.21											
GCD	SZ	441	EP	3	21:27	08.65													
GCD	SZ	441	ES	3	21:27	50.85													
CSF	SZ	456	EP	3	21:27	10.31													
CSF	SZ	456	ES	3	21:27	54.88													
XDE	SZ	458	EP	2	21:27	10.46													
XDE	SZ	458	ES	3	21:27	55.06													
CDU	SZ	465	EP	2	21:27	11.13													
HYA	SZ	480	EP	3	21:27	12.75													
LMI	SZ	480	EP	3	21:27	13.05													
LMI	SN	480			21:27	59.76	33	0.29											
LMI	SE	480			21:28	02.19	26	0.30											
WPM	SZ	593	ES	3	21:28	23.82													
SSP	SN	659	ES	3	21:28	38.28													
SSP	SN	659			21:28	41.42	10	0.36											
SSP	SE	659			21:28	41.51	14	0.30											
HCG	SZ	682	ES	3	21:28	43.13													
HAE	SZ	688	ES	3	21:28	44.52													
HTR	SZ	698	ES	3	21:28	47.04													
February 3 1995				Time: 07:36 51.8 UTC		Magnitude: 1.1 ML		February 7 1995				Time: 01:50 6.3 UTC				Magnitude: 0.8 ML			
Lat: 55.094N				Lon: 3.626W		Depth: 11.1 km		Lat: 53.343N				Lon: 1.077W				Depth: 0.2 km			
Grid Ref: 296.22 kmE 578.93 kmN				RMS: 0.06 secs		Quality: B		Grid Ref: 461.42 kmE 383.29 kmN				RMS: 0.26 secs				Quality: D			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
BWH	SZ	9	IP	C	07:36	54.52				KBI	SZ	11	IP	3	C	19:39	43.43		
										KSY	SZ	11	ES	3		19:39	44.94		
										BWH	SZ	22	IP	1	C	19:39	45.37		
				</td															

PHASE DATA : 1995

TABLE 5 (cont'd)

February 9 1995	Time: 13:47 53.7 UTC	Magnitude: 0.1 ML	KNR SZ 81 ES 3 14:43 00.43		
Lat: 57.234N	Lon: 5.484W	Depth: 3.4 km	KSB SZ 99 EP 3 14:42 53.36		
Grid Ref: 189.78 kmE 821.22 kmN		RMS: 0.08 secs	EAB SZ 107 EP 3 14:42 54.58		
Locality: LOCH DUCHE, HIGHLAND		Quality: B	EAB SZ 107 ES 3 14:43 07.41		
STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI		KPL SZ 109 EP 3 14:42 54.89		
KSB SZ 5 IP C 13:47	55.02		KPL SE 109 ES 3 14:43 08.00		
KSB SZ 5 ES 2 13:47	55.79		KPL SN 109 EP 3 14:43 10.15		
KPL SZ 16 IP 1 C 13:47	56.90		KPL SE 109 ES 3 14:43 10.26		
KPL SN 16 ES 2 13:47	58.80		PGB SZ 116 EP 3 14:42 55.96		
KPL SN 16 13:47	58.86 8 0.09		PGB SN 116 ES 3 14:43 09.80		
KPL SE 16 13:47	58.87 16 0.13		PGB SN 116 EP 3 14:43 12.33		
KAC SZ 32 EP 1 C 13:47	59.52		PGB SE 116 EP 3 14:43 11.96		
KAR SZ 41 EP 2 13:48	01.11		GMK SZ 119 EP 2 14:42 56.52		
February 12 1995	Time: 15:05 49.5 UTC	Magnitude: 1.1 ML	KSK SZ 127 EP 3 14:42 57.78		
Lat: 57.020N	Lon: 5.565W	Depth: 3.3 km	PCO SZ 128 EP 3 14:42 57.88		
Grid Ref: 183.62 kmE 797.73 kmN		RMS: 0.04 secs	PCO SZ 128 ES 3 14:43 12.85		
Locality: INVERIE, HIGHLAND		Quality: B	KAC SZ 132 EP 3 14:42 58.65		
STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI		PCA SZ 134 EP 3 14:42 58.89		
KAR SZ 20 EP 3 15:05	53.32		ELO SZ 143 EP 3 14:43 00.16		
KAR SZ 20 ES 3 15:05	56.00		ELO SZ 143 ES 3 14:43 16.78		
KSB SZ 23 EP 2 15:05	53.71		GCL SZ 146 EP 3 14:43 00.36		
KPL SZ 36 EP 1 C 15:05	56.05				
KPL SN 36 15:06	00.39 14 0.19				
KPL SE 36 15:06	00.37 32 0.17				
KNR SZ 42 EP 2 15:05	57.11				
KAC SZ 56 EP 3 15:05	59.21				
February 14 1995	Time: 15:13 19.3 UTC	Magnitude: 0.2 ML	February 19 1995	Time: 14:48 25.4 UTC	Magnitude: 1.5 ML
Lat: 57.392N	Lon: 5.637W	Depth: 1.8 km	Lat: 56.396N	Lon: 6.043W	Depth: 6.3 km
Grid Ref: 181.47 kmE 839.33 kmN		RMS: 0.09 secs	Grid Ref: 150.51 kmE 730.00 kmN		RMS: 0.07 secs
Locality: LOCHCARRON, HIGHLAND		Quality: D	Locality: MULL, STRATHCLYDE		Quality: C
Comments: SOUTH MULL			Comments: SOUTH MULL		
STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI		STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI	
KAR SZ 60 EP 3 14:48	35.50		KAR SZ 60 ES 3 14:48	43.01	
KPL SZ 6 EP 1 C 15:13	20.85		KNR SZ 81 EP 2 14:48	38.95	
KPL SE 6 ES 3 15:13	21.89		KNR SZ 81 ES 3 14:48	48.79	
KPL SN 6 15:13	21.95 19 0.11		KSB SZ 98 EP 3 14:48	41.67	
KPL SE 6 15:13	21.92 21 0.12		EAB SZ 108 EP 3 14:48	43.15	
KAC SZ 24 IP 1 C 15:13	23.98		EAB SZ 108 ES 3 14:48	55.97	
KAC SZ 24 ES 3 15:13	27.03		KPL SZ 108 EP 3 14:48	43.09	
KSB SZ 24 EP 1 D 15:13	24.06		KPL SN 108 ES 3 14:48	55.95	
February 15 1995	Time: 05:04 37.0 UTC	Magnitude: 1.0 ML	KPL SN 108 EP 3 14:48	57.19	5 0.28
Lat: 56.135N	Lon: 3.725W	Depth: 0.5 km	KPL SE 108 EP 3 14:48	58.09	6 0.21
Grid Ref: 292.83 kmE 694.90 kmN		RMS: 0.09 secs	PGB SZ 117 EP 3 14:48	44.67	
Locality: CLACKMANNAN, CENTRAL		Quality: B	PGB SE 117 ES 3 14:48	58.42	
Comments: C/F			PGB SN 117 EP 3 14:49	00.54	14 0.18
STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI		PGB SE 117 EP 3 14:49	00.15	22 0.23
EBH SZ 18 EP 3 05:04	40.95		GMK SZ 120 EP 3 14:48	44.90	
EBH SZ 18 ES 3 05:04	43.95		PCO SZ 129 EP 3 14:48	46.30	
PCO SZ 28 EP 2 05:04	42.71		KAC SZ 131 EP 3 14:48	46.47	
ELO SZ 37 EP 3 05:04	44.28		PCA SZ 136 EP 3 14:48	47.38	
ELO SZ 37 ES 3 05:04	49.42		ELO SZ 144 EP 3 14:48	48.49	
EAB SZ 39 EP 2 05:04	44.34		GCL SZ 147 EP 3 14:48	48.84	
EAB SZ 39 ES 3 05:04	49.64		GCL SZ 147 ES 3 14:49	06.04	
EDI SZ 41 EP 2 05:04	44.65				
EDI SE 41 ES 3 05:04	50.53				
EDI SN 41 05:04	52.75 12 0.35				
EDI SE 41 05:04	53.33 15 0.31				
February 16 1995	Time: 21:55 33.5 UTC	Magnitude: 1.0 ML	February 19 1995	Time: 19:43 48.3 UTC	Magnitude: 1.2 ML
Lat: 56.126N	Lon: 3.713W	Depth: 0.5 km	Lat: 55.661N	Lon: 5.402W	Depth: 6.5 km
Grid Ref: 293.56 kmE 693.90 kmN		RMS: 0.15 secs	Grid Ref: 186.07 kmE 646.08 kmN		RMS: 0.09 secs
Locality: CLACKMANNAN, CENTRAL		Quality: B	Locality: NW ARRAN, STRATHCLYDE		Quality: C
Comments: C/F			Comments: OFFSHORE LOCATION		
STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI		STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI	
EBH SZ 19 IP 1 D 21:55	37.42		GMK SZ 37 EP 3 19:43	54.80	
EBH SZ 19 ES 3 21:55	40.55		PGB SE 60 ES 3 19:44	05.94	
PCO SZ 28 EP 3 21:55	39.17		PGB SN 60 EP 3 19:44	06.12	13 0.26
EAU SZ 35 EP 3 21:55	40.40		PGB SE 60 EP 3 19:44	06.17	18 0.24
EAU SZ 35 ES 3 21:55	45.44		PCA SZ 72 EP 3 19:44	00.43	
EAB SZ 39 EP 2 05:04	44.34		GCL SZ 80 EP 3 19:44	01.63	
EAB SZ 39 ES 3 05:04	49.64		EAB SZ 89 EP 3 19:44	02.91	
EDI SZ 41 EP 2 05:04	44.65		EAB SZ 89 ES 3 19:44	13.60	
EDI SE 41 ES 3 05:04	50.53		PCO SZ 90 EP 3 19:44	03.06	
EDI SN 41 05:04	52.75 12 0.35		PCO SZ 90 ES 3 19:44	13.85	
EDI SE 41 05:04	53.33 15 0.31		GAL SN 99 ES 3 19:44	16.34	
February 16 1995	Time: 21:55 33.5 UTC	Magnitude: 1.0 ML	GAL SN 99 EP 3 19:44	19.35	3 0.13
Lat: 56.126N	Lon: 3.713W	Depth: 0.5 km	GAL SE 99 EP 3 19:44	18.53	6 0.20
Grid Ref: 293.56 kmE 693.90 kmN		RMS: 0.15 secs	EAU SZ 124 EP 3 19:44	08.45	
Locality: CLACKMANNAN, CENTRAL		Quality: B	EAU SZ 124 ES 3 19:44	23.36	
Comments: C/F			EDI SE 142 ES 3 19:44	27.63	
STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI		EDI SN 142 EP 3 19:44	29.37	4 0.23
EBH SZ 19 EP 1 D 21:55	37.42		EDI SE 142 EP 3 19:44	31.36	4 0.32
EBH SZ 19 ES 3 21:55	40.55				
PCO SZ 28 EP 3 21:55	39.17				
EAU SZ 35 EP 3 21:55	40.40				
EAU SZ 35 ES 3 21:55	45.44				
ELO SZ 38 EP 3 21:55	40.75				
ELO SZ 38 ES 3 21:55	46.53				
EDI SZ 40 EP 3 21:55	41.14				
EDI SN 40 ES 3 21:55	46.88				
EDI SN 40 ES 3 21:55	47.52 9 0.24				
EDI SE 40 21:55	48.56 17 0.48				
EAB SZ 40 EP 2 21:55	40.96				
EAB SZ 40 ES 3 21:55	46.86				
EDU SZ 64 EP 3 21:55	44.94				
ESK SE 96 ES 4 21:56	02.02				
ESK SN 96 21:56	07.05 5 0.17				
ESK SE 96 21:56	05.66 4 0.21				
February 19 1995	Time: 14:42 37.1 UTC	Magnitude: 1.7 ML	February 20 1995	Time: 01:59 5.2 UTC	Magnitude: 2.5 ML
Lat: 56.384N	Lon: 6.027W	Depth: 6.1 km	Lat: 53.036N	Lon: 2.198W	Depth: 3.0 km
Grid Ref: 151.42 kmE 728.55 kmN		RMS: 0.06 secs	Grid Ref: 386.72 kmE 348.80 kmN		RMS: 0.13 secs
Locality: MULL, STRATHCLYDE		Quality: C	Locality: STOKE-ON-TRENT, STAFFS		Quality: B
Comments: SOUTH MULL			Comments: FELT STOKE-ON-TRENT...		Intensity: 4+
STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI		STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI	
KAR SZ 61 EP 3 14:42	47.34		STM SZ 6 EP 9 01:59	06.16	
KNR SZ 81 EP 3 14:42	50.73		STM SZ 6 ES 9 01:59	07.56	

PHASE DATA : 1995

TABLE 5 (cont'd)

KEY	SZ	77	EP	2	01:59	18.82		LHO	SZ	28	EP	2	17:44	16.88		
SSP	SZ	93	EP	2	01:59	20.80		KWE	SZ	32	EP	1	17:44	17.65		
SSP	SN	93	ES	2	01:59	31.97		KWE	SZ	32	ES	3	17:44	23.05		
SSP	SN	93			01:59	32.83	165	HPK	SZ	74	EP	2	17:44	24.81		
SSP	SE	93			01:59	35.55	163	SBD	SZ	108	EP	2	17:44	29.71		
KSY	SZ	108	EP	1	C	01:59	23.47	SBD	SZ	108	ES	3	17:44	42.71		
HAE	SZ	114	EP	2		01:59	24.24	HLM	SZ	114	EP	3	17:44	30.77		
WPM	SZ	117	EP	3		01:59	24.43	LRN	SZ	124	EP	2	17:44	33.46		
SSW	SZ	121	EP	3		01:59	26.02	SSP	SZ	132	EP	2	17:44	33.82		
HCG	SZ	127	EP	3		01:59	25.89	SSP	SN	132	ES	2	17:44	49.55		
MCH	SZ	128	EP	2		01:59	26.47	SSP	SN	132			17:44	52.32		
MCH	SN	128	ES	2		01:59	41.35	SSP	SE	132			17:44	52.89		
HTR	SZ	129	EP	2		01:59	26.46	HAE	SZ	150	EP	3	17:44	36.77		
WFB	SZ	130	EP	1	C	01:59	26.49	MCH	SN	166	ES	2	17:44	58.92		
KUF	SZ	131	EP	2		01:59	27.05	MCH	SN	166			17:45	00.62		
YLL	SZ	133	EP	3		01:59	26.85	MCH	SE	166			17:45	00.51		
WLF	SZ	150	EP	2		01:59	29.39	HCG	SZ	166	EP	3	17:44	39.17		
YRE	SZ	150	EP	3		01:59	29.53	HTR	SZ	169	EP	2	17:44	39.49		
LMI	SZ	151	EP	2		01:59	29.52	HTR	SZ	169	ES	3	17:44	59.45		
LMI	SN	151	ES	3		01:59	48.27									
LMI	SN	151				01:59	49.24	53	0.23							
LMI	SE	151				01:59	48.97	76	0.35							
CDU	SZ	159	EP	2		01:59	30.52									
CDU	SZ	159	ES	3		01:59	49.65									
HGH	SZ	161	EP	3		01:59	31.84									
WCB	SZ	162	EP	3		01:59	31.45									
WCB	SE	162	ES	3		01:59	49.50									
WCB	SN	162				01:59	51.82	31	0.19							
WCB	SE	162				01:59	50.99	38	0.18							
YRH	SZ	165	EP	3		01:59	31.71									
CSF	SZ	172	EP	2		01:59	32.24									
CSF	SZ	172	ES	3		01:59	52.41									
SWN	SZ	172	EP	3		01:59	34.11									
SWN	SN	172	ES	2		01:59	55.24									
SWN	SN	172				01:59	56.50	54	0.19							
SWN	SE	172				01:59	58.36	118	0.16							
SKP	SZ	174	EP	1	C	01:59	33.98									
XDE	SZ	184	EP	2		01:59	33.69									
HSA	SZ	196	EP	3		01:59	36.99									
BBO	SZ	201	EP	3		01:59	36.12									
BBO	SN	201	ES	3		01:59	56.92									
BBO	SN	201				02:00	00.63	23	0.39							
BBO	SE	201				02:00	01.30	49	0.33							
GIM	SZ	205	EP	2		01:59	36.16									
GIM	SN	205	ES	3		01:59	58.16									
GIM	SN	205				02:00	00.23	13	0.21							
GIM	SE	205				02:00	00.59	31	0.17							
SWK	SZ	210	EP	3		01:59	39.23									
GCD	SZ	234	EP	2		01:59	39.60									
SFH	SZ	243	EP	3		01:59	43.12									
SFH	SZ	243	ES	3		02:00	14.23									
HEX	SZ	245	EP	3		01:59	44.04									
HTL	SZ	276	EP	3		01:59	46.41									
HTL	SN	276	ES	3		02:00	16.24									
HTL	SN	276				02:00	24.11	28	0.18							
HTL	SE	276				02:00	24.06	21	0.17							
February 20 1995		Time: 16:44 38.5 UTC			Magnitude: 1.6 ML			Lat: 53.030N Lon: 2.194W			Depth: 3.4 km			Grid Ref: 387.02 kmE 348.09 kmN		

PHASE DATA : 1995

TABLE 5 (cont'd)

MCH	SN	119		07:52	10.59	106	0.18	HTR	SZ	129	ES	3	C	21:15	39.67														
MCH	SE	119		07:52	10.37	87	0.13	WFB	SZ	130	EP	1		21:15	24.48														
HCG	SZ	119	EP	3	07:51	51.47		WFB	SZ	130	ES	3		21:15	39.80														
HTR	SZ	120	EP	1	C	07:51	52.04	KUF	SZ	130	EP	2		21:15	25.14														
HTR	SZ	120	ES	1		07:52	06.62	KUF	SZ	130	ES	3		21:15	39.94														
WFB	SZ	124	EP	2		07:51	52.22	YLL	SZ	133	EP	2		21:15	25.07														
WFB	SZ	124	ES	3		07:52	06.78	YLL	SZ	133	ES	3		21:15	40.12														
YLL	SZ	129	IP	1	D	07:51	52.87	YRE	SZ	150	EP	2		21:15	27.68														
YLL	SZ	129	ES	3		07:52	08.85	WLF	SZ	150	EP	2		21:15	27.50														
YRE	SZ	145	EP	3		07:51	55.34	HGH	SZ	160	EP	3		21:15	30.12														
WLF	SZ	147	EP	2		07:51	55.61	YRC	SZ	161	EP	2		21:15	29.58														
HGH	SZ	153	EP	3		07:51	57.78	WCB	SZ	162	EP	2		21:15	29.97														
WCB	SZ	159	EP	3		07:51	57.03	WCB	SN	162	ES	3		21:15	47.80														
WCB	SN	159	ES	3		07:52	14.17	WCB	SN	162				21:15	52.21														
WCB	SN	159				07:52	17.90	28	0.25	WCB	SE	162			21:15	50.53													
WCB	SE	159				07:52	18.12	29	0.16	YRH	SZ	165	EP	3		21:15	29.67												
February 22 1995		Time: 10:33 9.4 UTC				Magnitude: 2.0 ML				February 22 1995				Magnitude: 1.7 ML															
Lat: 53.018N		Lon: 2.190W				Depth: 1.7 km				Lat: 53.021N				Depth: 2.8 km															
Grid Ref: 387.29 kmE 346.80 kmN						RMS: 0.17 secs				Grid Ref: 387.10 kmE 347.13 kmN				RMS: 0.06 secs															
Locality: STOKE-ON-TRENT, STAFFS																													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	HrMn														
KWE	SZ	23	EP	2		10:33	13.99			KWE	SZ	23	EP	2	21:17														
KWE	SZ	23	ES	3		10:33	17.15			KWE	SZ	23	ES	2	21:17														
KBI	SZ	52	EP	1		10:33	18.69			KBI	SZ	52	IP	1	C														
KBI	SZ	52	ES	3		10:33	25.77			CWF	SZ	67	IP	1	D														
CWF	SZ	67	EP	2		10:33	20.96			CWF	SE	67	ES	3															
CWF	SN	67	ES	3		10:33	29.57			CWF	SN	67																	
CWF	SN	67				10:33	30.09	37	0.17	CWF	SE	67																	
CWF	SE	67				10:33	30.06	28	0.08	SBD	SZ	73	EP	2	21:17														
HLM	SZ	73	EP	2		10:33	21.93			HLM	SZ	73	EP	3	21:17														
SBD	SZ	73	EP	2		10:33	22.04			SSP	SZ	92	EP	2	21:17														
SBD	SZ	73	ES	3		10:33	31.13			SSP	SE	92	ES	2	21:17														
HAE	SZ	112	EP	3		10:33	30.20			SSP	SN	92																	
HCG	SZ	126	EP	3		10:33	30.57			SSP	SE	92																	
MCH	SZ	126	EP	3		10:33	31.05			HAE	SZ	112	EP	3	21:17														
MCH	SN	126	ES	3		10:33	45.36			WPM	SZ	118	ES	3	21:17														
MCH	SN	126				10:33	49.16	45	0.20	HCG	SZ	126	EP	3	21:17														
MCH	SE	126				10:33	49.28	43	0.14	MCH	SN	126	ES	2	21:17														
HTR	SZ	128	EP	3		10:33	30.94			MCH	SN	126																	
February 22 1995		Time: 15:21 15.6 UTC				Magnitude: 0.3 ML				February 22 1995				Magnitude: 1.7 ML															
Lat: 57.381N		Lon: 5.631W				Depth: 4.7 km				Lat: 53.029N				Depth: 3.0 km															
Grid Ref: 181.76 kmE 838.13 kmN						RMS: 0.04 secs				Grid Ref: 386.00 kmE 348.06 kmN				RMS: 0.15 secs															
Locality: LOCHCARRON, HIGHLAND																													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	HrMn														
KPL	SZ	5	IP	1	C	15:21	16.99			KWE	SZ	25	EP	2	23:40														
KPL	SE	5	ES	2		15:21	18.00			KWE	SZ	25	ES	3	23:40														
KPL	SN	5				15:21	18.03	25	0.12	KBI	SZ	52	EP	2	23:40														
KPL	SE	5				15:21	18.06	31	0.14	KBI	SZ	52	ES	3	23:40														
KSB	SZ	23	EP	3		15:21	20.01			CWF	SZ	69	EP	1	23:40														
KSB	SZ	23	ES	3		15:21	23.04			CWF	SE	69	ES	2	23:40														
KAC	SZ	24	IP	1	C	15:21	20.12			CWF	SN	69																	
KAC	SZ	24	ES	3		15:21	23.40			CWF	SE	69																	
KNR	SZ	74	EP	2		15:21	28.00			SBD	SZ	72	EP	3	23:40														
KNR	SZ	74	ES	3		15:21	37.31			HLM	SZ	73	EP	3	23:40														
February 22 1995		Time: 21:15 3.0 UTC				Magnitude: 2.3 ML				February 22 1995				Magnitude: 1.7 ML															
Lat: 53.029N		Lon: 2.193W				Depth: 1.7 km				Lat: 53.029N				Depth: 3.0 km															
Grid Ref: 387.05 kmE 348.08 kmN						RMS: 0.13 secs				Grid Ref: 386.00 kmE 348.06 kmN				RMS: 0.15 secs															
Locality: STOKE-ON-TRENT, STAFFS																													
Comments: FELT STOKE-ON-TRENT																													
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	HrMn														
KWE	SZ	24	EP	2		21:15	07.64			KWE	SZ	24	EP	2	21:15														
KWE	SZ	24	ES	1		21:15	10.89			KWE	SZ	24	ES	2	21:15														
KBI	SZ	51	IP	1	C	21:15	12.29			KBI	SZ	52	EP	2	23:40														
LHO	SZ	62	EP	3		21:15	13.93			KBI	SZ	52	ES	3	23:40														
CWF	SZ	68	EP	2		21:15	15.00			CWF	SZ	69	EP	1	23:40														
CWF	SN	68	ES	3		21:15	23.56			CWF	SE	69	ES	2	23:40														
CWF	SN	68				21:15	23.68	56	0.22	CWF	SN	69																	
CWF	SE	68				21:15	23.88	50	0.11	CWF	SE	69																	
HLM	SZ	73	EP	2		21:15	15.56			HAE	SZ	113	EP	3	23:40														
SBD	SZ	73	ES	3		21:15	25.12			HCG	SZ	126	EP	3	23:40														
SSP	SZ	92	EP	2		21:15	18.86			MCH	SE	127	ES	2	23:40														
SSP	SN	92	ES	3		21:15	29.88			MCH	SN	127																	
SSP	SN	92				21:15	30.98	94	0.35	MCH	SE	127																	
SSP	SE	92				21:15	33.15	86	0.23	HTR	SZ	128	EP	3	23:40														
KSY	SZ	108	EP	3		21:15	21.75			HTR	SZ	128	ES	3	23:40														
HPK	SZ	110	EP	3		21:15	21.77			HTR	SZ	128	EP	3	23:40														
HPK	SN	110	ES	3		21:15	34.52			HTR	SZ	128	ES	3	23:40														
HPK	SN	110				21:15	38.98	194	0.19	HTR	SZ	128																	
HPK	SE	110				21:15	38.25	90	0.14	HTR	SZ	128																	
HAE	SZ	113	EP	3		21:15	22.18			HTR	SZ	128																	
WPM	SZ	118	EP	3		21:15	22.60			HTR	SZ	128																	
HCG	SZ	126	EP	2		21:15	24.40			HTR	SZ	128																	
HCG	SZ	126	ES	3		21:15	38.90			HTR	SZ	128																	
MCH	SN	127	ES	2		21:15	39.32			HTR	SZ	128																	
MCH	SN	127				21:15	43.11	65	0.09	HTR	SZ	128																	
MCH	SE	127				21:15	43.15	53	0.11	HTR	SZ	128																	
HTR	SZ	129	EP	2		21:15	24.48			HTR	SZ	128																	
February 23 1995		Time: 01:27 14.8 UTC																											

PHASE DATA : 1995

TABLE 5 (cont'd)

SSP	SN	91	ES	3	01:27	41.03									
SSP	SN	91			01:27	42.36	28	0.25							
SSP	SE	91			01:27	42.58	22	0.39							
HAE	SZ	112	EP	3	01:27	33.97									
HCG	SZ	125	EP	3	01:27	35.07									
MCH	SN	126	ES	2	01:27	50.41									
MCH	SN	126			01:27	54.41	37	0.21							
MCH	SE	126			01:27	54.55	28	0.15							
HTR	SZ	127	EP	3	01:27	35.96									
HTR	SZ	127	ES	3	01:27	51.22									
HGH	SZ	159	EP	3	01:27	41.40									

February 23 1995			Time: 21:14 2.4 UTC			Magnitude: 1.6 ML								
Lat: 53.032N			Lon: 2.201W			Depth: 5.6 km								
Grid Ref: 386.53 kmE 348.30 kmN			RMS: 0.10 secs											
Locality: STOKE-ON-TRENT, STAFFS			Quality: B											
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI					
KWE	SZ	24	EP	2		21:14	06.86							
KWE	SZ	24	ES	2		21:14	10.44							
KBI	SZ	52	EP	2		21:14	11.39							
CWF	SZ	68	EP	2		21:14	14.17							
CWF	SN	68	ES	2		21:14	22.42							
SBD	SZ	72	EP	3		21:14	14.58							
HLM	SZ	73	EP	3		21:14	14.64							
SSP	SZ	92	IP	1	D	21:14	17.95							
SSP	SN	92	ES	2		21:14	28.74							
SSP	SN	92				21:14	29.95	10	0.31					
SSP	SE	92				21:14	32.18	8	0.34					
HAE	SZ	113	EP	3		21:14	21.73							
MCH	SN	127	ES	2		21:14	38.35							
MCH	SN	127				21:14	41.97	15	0.19					
MCH	SE	127				21:14	42.01	15	0.15					

February 24 1995			Time: 10:31 22.0 UTC			Magnitude: 2.2 ML								
Lat: 53.028N			Lon: 2.191W			Depth: 1.3 km								
Grid Ref: 387.20 kmE 347.96 kmN			RMS: 0.15 secs											
Locality: STOKE-ON-TRENT, STAFFS			Comments: FELT STOKE-ON-TRENT...			Quality: C								
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI					
KWE	SZ	23	EP	2		10:31	26.84							
KWE	SZ	23	ES	2		10:31	29.96							
KBI	SZ	51	EP	2		10:31	31.32							
KBI	SZ	51	ES	3		10:31	38.49							
LHO	SZ	62	EP	1	C	10:31	33.00							
LHO	SZ	62	ES	3		10:31	40.87							
CWF	SZ	68	EP	3		10:31	33.87							
CWF	SN	68	ES	3		10:31	42.50							
CWF	SN	68				10:31	42.88	45	0.16					
CWF	SE	68				10:31	42.91	41	0.17					
HLM	SZ	73	EP	3		10:31	34.91							
HLM	SZ	73	ES	2		10:31	44.15							
SBD	SZ	73	EP	2		10:31	34.64							
SBD	SZ	73	ES	2		10:31	44.28							
SSP	SZ	92	EP	2		10:31	37.81							
SSP	SN	92	ES	2		10:31	48.82							
SSP	SN	92				10:31	49.79	87	0.26					
SSP	SE	92				10:31	52.17	70	0.38					
KSY	SZ	108	ES	2		10:31	53.65							
HAE	SZ	113	EP	3		10:31	41.25							
WPM	SZ	118	EP	3		10:31	42.05							
HCG	SZ	127	EP	3		10:31	43.04							
MCH	SZ	127	EP	3		10:31	43.47							
MCH	SN	127	ES	2		10:31	58.27							
MCH	SN	127				10:32	01.95	113	0.17					
MCH	SE	127				10:32	01.99	118	0.14					
HTR	SZ	129	EP	2		10:31	43.32							
HTR	SZ	129	ES	2		10:31	58.73							
WFB	SZ	130	EP	3		10:31	43.56							
YLL	SZ	133	EP	3		10:31	44.16							
YLL	SZ	133	ES	3		10:31	59.35							
WLF	SZ	150	EP	3		10:31	46.37							
WCB	SZ	162	EP	3		10:31	48.57							
WCB	SN	162	ES	3		10:32	06.85							
WCB	SN	162				10:32	09.45	18	0.20					
WCB	SE	162				10:32	09.53	16	0.36					

February 24 1995			Time: 19:10 28.3 UTC			Magnitude: 0.6 ML							
Lat: 53.128N			Lon: 1.013W			Depth: 1.0 km							
Grid Ref: 466.02 kmE 359.43 kmN			RMS: 0.22 secs			Comments: C/F							
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI				
KSY	SZ	34	EP	2		19:10	34.77						
CWF	SZ	48	EP	2		19:10	36.84						
CWF	SN	48	ES	3		19:10	43.85						
CWF	SN	48				19:10	44.07	5	0.17				
CWF	SE	48				19:10	45.62	4	0.13				
KWE	SZ	57	EP	2		19:10	38.92						
KWE	SZ	57	ES	3		19:10	45.33						

February 25 1995			Time: 03:16 56.6 UTC			Magnitude: 1.5 ML							
Lat: 53.034N			Lon: 2.191W			Depth: 3.0 km							
Grid Ref: 387.20 kmE 348.52 kmN			RMS: 0.08 secs			Quality: B							
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI				
KWE	SZ	23	EP	2		03:17	01.01						
KWE	SZ	23	ES	2		03:17	04.35						
KBI	SZ	51	EP	1	C	03:17	05.62						
CWF	SZ	68	EP	2		03:17	08.31						
CWF	SN	68	ES	2		03:17	16.90						
CWF	SE	68	EP	2		03:17	17.07	18	0.26				
SBD	SZ	73	EP	2		03:17	17.16	13	0.15				
HLM	SZ	74	ES	3		03:17	18.12						
SSP	SN	93	ES	2		03:17	23.49						

PHASE DATA : 1995

TABLE 5 (cont'd)

PHASE DATA : 1995

TABLE 5 (cont'd)

SSP	SE	107		22:42	59.42	9	0.02		March	25	1995	Time: 15:42 5.8 UTC	Magnitude: 1.6 ML	
March	18	1995	Time: 23:44 2.5 UTC		Magnitude: 2.4 ML	Lat:	53.028N	Lon:	2.195W	Depth: 5.0 km	RMS: 0.09 secs	Quality: B		
Lat:	62.340N	Lon:	2.773E		Depth: 15.0 km	Grid Ref:	386.89 kmE	347.87 kmN						
Grid Ref:	647.00 kmE	1393.64 kmN			RMS: 0.11 secs	Locality:	STOKE-ON-TRENT, STAFFS							
Locality:	NORTHERN NORTH SEA				Quality: D	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS AMPL PERI	
STAT	CO	DIST	PHAS	WT	P	HrMn	KWE	SZ	24	EP	2	15:42	10.19	
LRW	SZ	325	EP	3		46.63	KWE	SZ	24	ES	3	15:42	13.69	
LRW	SE	325	ES	3		19.34	KBI	SZ	51	EP	2	15:42	14.76	
LRW	SN	325				25.71	CWF	SZ	68	EP	2	15:42	17.27	
LRW	SE	325				18 1.19	CWF	SN	68	ES	3	15:42	25.79	
WAL	SZ	330	EP	3		25.02	CWF	SN	68			15:42	26.15	
WAL	SZ	330	ES	3		13 0.93	CWF	SE	68			15:42	26.16	
SAN	SZ	337	ES	3		21.93	HLM	SZ	73	EP	3	15:42	17.86	
							HLM	SZ	73	ES	3	15:42	26.71	
							SBD	SZ	73	EP	2	15:42	18.08	
March	19	1995	Time: 03:38 35.4 UTC		Magnitude: 1.0 ML	HAE	SZ	113	EP	3		15:42	25.17	
Lat:	54.218N	Lon:	2.511W		Depth: 5.2 km	HCG	SZ	126	EP	3		15:42	25.98	
Grid Ref:	366.68 kmE	480.41 kmN			RMS: 0.07 secs	MCH	SZ	127	EP	2		15:42	26.71	
Locality:	KIRKBY LONSDALE, LANCS				Quality: C	MCH	SN	127	ES	2		15:42	41.65	
Comments:	5KM E OF KIRKBY LONSDALE					MCH	SN	127				15:42	45.55	
STAT	CO	DIST	PHAS	WT	P	HrMn	MCH	SE	127			15:42	45.27	
CDU	SZ	46	EP	2		43.54	HTR	SZ	128	EP	3	15:42	26.62	
CDU	SZ	46	ES	2		49.14	HTR	SZ	128	ES	2	15:42	42.03	
LRN	SZ	52	EP	1	C	03:38	HGH	SZ	160	EP	2	15:42	32.44	
LMI	SZ	52	EP	1		44.54								
CSF	SZ	54	ES	3		51.47	March	26	1995	Time: 03:21 14.6 UTC	Magnitude: 1.2 ML			
HPK	SZ	65	EP	2		46.74	Lat:	52.320N	Lon:	2.589W	Depth: 13.2 km			
HPK	SE	65	ES	2		54.45	Grid Ref:	359.85 kmE	269.34 kmN	RMS: 0.19 secs				
BBO	SE	75	ES	3		57.27	Locality:	TENBURY WELLS, HER & WOR		Quality: C				
BBO	SN	75				57.29	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS AMPL PERI
BBO	SE	75				4 0.24	HLM	SZ	30	EP	1	D	03:21	20.04
						58.03	HLM	SZ	30	ES	3		03:21	23.80
						6 0.26	HAE	SZ	32	IP	1	C	03:21	20.56
March	21	1995	Time: 14:35 56.0 UTC		Magnitude: 0.6 ML	SSP	SZ	37	EP	2		03:21	21.59	
Lat:	57.052N	Lon:	4.967W		Depth: 4.9 km	SSP	SN	37	ES	2		03:21	26.54	
Grid Ref:	220.05 kmE	799.59 kmN			RMS: 0.03 secs	SSP	SN	37				03:21	26.89	
Locality:	INVERGARRY, HIGHLAND				Quality: C	SSP	SE	37				03:21	26.86	
STAT	CO	DIST	PHAS	WT	P	HrMn	MCH	SZ	46	EP	1		03:21	22.64
KNR	SZ	26	EP	3		00.84	MCH	SN	46	ES	2		03:21	28.28
KSB	SZ	33	EP	2		02.07	MCH	SN	46				03:21	28.55
KSB	SZ	33	ES	3		06.40	MCH	SE	46				03:21	28.91
KPL	SZ	52	EP	3		05.22	HTR	SZ	54	EP	2		03:21	23.88
KPL	SN	52	ES	3		11.78	HTR	SZ	54	ES	2		03:21	30.56
KPL	SN	52				14:36	HCG	SZ	73	EP	3		03:21	26.71
KPL	SE	52				14:36	HGH	SZ	77	EP	2		03:21	27.74
KAC	SZ	54	EP	3		05.30								
March	22	1995	Time: 06:34 32.4 UTC		Magnitude: 1.3 ML	March	29	1995	Time: 18:05 8.0 UTC	Magnitude: 1.2 ML				
Lat:	49.456N	Lon:	5.391W		Depth: 7.1 km	Lat:	51.771N	Lon:	3.451W	Depth: 14.9 km				
Grid Ref:	154.32 kmE	-43.75 kmN			RMS: 0.11 secs	Grid Ref:	299.89 kmE	209.04 kmN	RMS: 0.09 secs					
Locality:	LIZARD POINT, CORNWALL				Quality: D	Locality:	MERTHYR TYDFIL, M GLAM		Quality: B					
Comments:	SW OF LIZARD POINT					STAT	CO	DIST	PHAS	WT	P	HrMn	SECS AMPL PERI	
STAT	CO	DIST	PHAS	WT	P	HrMn	HTR	SZ	37	EP	2		18:05	14.65
CGH	SZ	68	EP	2		06:34	HTR	SZ	37	ES	2		18:05	19.33
CMA	SZ	72	EP	3		06.34	MCH	SZ	40	EP	1		18:05	15.10
CGW	SZ	73	EP	2		06:34	MCH	SN	40	ES	1		18:05	20.68
CCO	SZ	77	EP	3		06.34	MCH	SN	40				18:05	20.89
CPZ	SZ	79	EP	2		06:34	MCH	SE	40				18:05	20.76
CR2	SZ	81	EP	2		06:34	HGH	SZ	47	EP	2		18:05	16.29
CR2	SE	81	ES	3		06:34	HSA	SZ	49	EP	3		18:05	16.62
CR2	SN	81				06:34	HCG	SZ	63	EP	3		18:05	18.72
CR2	SE	81				06:34	HAE	SZ	69	EP	3		18:05	19.82
CCA	SZ	82	EP	3		06:34								
CCA	SZ	82	ES	3		57.17	March	30	1995	Time: 13:31 54.7 UTC	Magnitude: 0.4 ML			
CST	SZ	84	EP	2		46.82	Lat:	57.414N	Lon:	5.492W	Depth: 3.3 km			
CST	SZ	84	ES	3		57.62	Grid Ref:	190.32 kmE	841.36 kmN	RMS: 0.04 secs				
Locality:	STRATHCARRON, HIGHLAND				Quality: D	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS AMPL PERI	
STAT	CO	DIST	PHAS	WT	P	HrMn	KPL	SZ	13	IP	1	D	13:31	57.36
EBH	SZ	18	EP	2		03:55	KPL	SE	13	ES	3		13:31	59.17
EBH	SZ	18	ES	3		03:55	KPL	SN	13				13:31	59.25
PCO	SZ	29	EP	2		03:55	KPL	SE	13				13:31	59.31
ELO	SZ	37	EP	3		03:55	KAC	SZ	15	IP	1	C	13:31	57.71
ELO	SZ	37	ES	3		03:55	KSB	SZ	23	EP	3		13:31	59.20
EAU	SZ	37	EP	3		03:55	KSB	SZ	23	ES	3		13:32	02.24
EAB	SZ	39	EP	3		03:55								
EAB	SZ	39	ES	3		41.34	March	31	1995	Time: 17:34 48.4 UTC	Magnitude: 0.8 ML			
EDI	SZ	41	EP	2		03:55	Lat:	55.330N	Lon:	5.267W	Depth: 7.5 km			
EDI	SE	41	ES	3		36.21	Grid Ref:	192.76 kmE	608.88 kmN	RMS: 0.08 secs				
EDI	SE	41				40.95	Locality:	ISLE OF ARRAN, S'CLYDE		Quality: D				
EDI	SE	41				35.92	Comments:	OFFSHORE, SOUTH OF ARRAN						
EBL	SZ	59	EP	3		03:55	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS AMPL PERI
ESK	SE	97	ES	3		39.57	GCL	SZ	62	EP	3		17:34	58.85
ESK	SN	97				57.60	GCL	SZ	62	ES	3		17:35	06.18
ESK	SN	97				03:56	GAL	SZ	63	EP	3		17:34	58.92
ESK	SE	97				01.96	GAL	SE	63	ES	3		17:35	06.65
						6 0.15	GAL	SN	63				17:35	11.01
						03:56	GAL	SE	63				17:35	09.95
						01.39	GMM	SZ	129	ES	3		17:35	24.49

PHASE DATA : 1995

TABLE 5 (cont'd)

April 1 1995	Time: 16:57 48.5 UTC	Magnitude: 0.3 ML	April 4 1995	Time: 18:33 56.2 UTC	Magnitude: 0.9 ML
Lat: 52.972N	Lon: 4.404W	Depth: 18.4 km	Lat: 56.120N	Lon: 3.727W	Depth: 1.5 km
Grid Ref: 238.61 kmE 344.38 kmN		RMS: 0.09 secs	Grid Ref: 292.61 kmE 693.31 kmN		RMS: 0.10 secs
Locality: LLEYN PENIN, GWYNEDD		Quality: B	Locality: CLACKMANNAN, CENTRAL		Quality: B
STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI	Comments: C/F		
YRE SZ 2 IP 1 16:57	51.54		STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI
YRE SZ 2 ES 3 16:57	53.56		EBH SZ 20 EP 3 18:34	00.07	
YRE SZ 2 16:57	53.79	38 0.08	EBH SZ 20 ES 3 18:34	03.09	
YRH SZ 22 IP 1 C 16:57	53.17		PCO SZ 27 EP 3 18:34	01.63	
YRH SZ 22 ES 3 16:57	56.37		EAB SZ 39 EP 3 18:34	03.42	
YRH SZ 22 16:57	57.21	8 0.09	EAB SZ 39 ES 3 18:34	08.63	
YLL SZ 24 IP 1 C 16:57	53.50		ELO SZ 39 EP 3 18:34	03.60	
YLL SZ 24 ES 3 16:57	56.92		ELO SZ 39 ES 3 18:34	09.05	
YLL SZ 24 16:57	57.46	8 0.05	EDI SZ 40 EP 3 18:34	03.62	
YRC SZ 33 EP 2 16:57	54.64		EDI SE 40 ES 3 18:34	09.22	
YRC SZ 33 ES 3 16:57	59.03		EDI SN 40 18:34	12.01 10 0.41	
WLF SZ 35 EP 2 16:57	54.97		EDI SE 40 18:34	10.64 12 0.37	
WLF SZ 35 ES 3 16:57	59.46				
WFB SZ 41 EP 2 16:57	55.67				
WFB SZ 41 ES 3 16:58	00.87				
WCB SZ 46 EP 3 16:57	56.96				
WPM SZ 46 EP 2 16:57	56.60				
WPM SZ 46 ES 3 16:58	02.24				
WPM SZ 46 16:58	02.74	3 0.13			
April 2 1995	Time: 03:46 27.3 UTC	Magnitude: 1.5 ML	April 7 1995	Time: 19:25 6.1 UTC	Magnitude: 1.1 ML
Lat: 51.759N	Lon: 3.728W	Depth: 10.8 km	Lat: 52.413N	Lon: 1.757W	Depth: 16.7 km
Grid Ref: 280.75 kmE 208.13 kmN		RMS: 0.21 secs	Grid Ref: 416.52 kmE 279.55 kmN		RMS: 0.31 secs
Locality: NEATH, WEST GLAMORGAN		Quality: C	Locality: BIRMINGHAM, W MIDLANDS		Quality: C
Comments: 14KM N OF NEATH			STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI
STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI	CWF SZ 47 EP 2 19:25	14.79	
HSA SZ 29 IP 1 D 03:46	32.79		CWF SN 47 19:25	20.27	
HTR SZ 48 IP 1 C 03:46	35.71		CWF SE 47 19:25	20.38 8 0.14	
MCH SZ 57 IP 1 C 03:46	37.14		HAE SZ 68 EP 2 19:25	20.49 16 0.04	
MCH SN 57 ES 2 03:46	44.07		HLM SZ 77 EP 2 19:25	18.05	
MCH SN 57 03:46	44.23	35 0.08	MCH SZ 97 EP 2 19:25	18.73	
MCH SE 57 03:46	44.21	33 0.15	MCH SN 97 ES 2 19:25	22.20	
HCG SZ 63 IP 1 C 03:46	38.21		MCH SN 97 19:25	33.32	
HCG SZ 63 ES 2 03:46	45.54		MCH SE 97 19:25	36.76 7 0.21	
HGH SZ 65 EP 2 03:46	38.38		HTR SZ 110 EP 2 19:25	37.10 5 0.31	
HPE SZ 75 EP 2 03:46	39.47		HGH SZ 112 EP 3 19:25	23.99	
HEX SZ 77 EP 2 03:46	40.36		SBD SZ 115 EP 3 19:25	23.80	
SSP SZ 85 IP 1 C 03:46	41.56		HCG SZ 130 EP 3 19:25	24.96	
SSP SN 85 ES 3 03:46	52.25			27.21	
SSP SN 85 03:46	56.38	10 0.20			
SSP SE 85 03:46	57.92	15 0.20			
HAE SZ 87 EP 1 C 03:46	41.86				
HTL SZ 100 EP 2 03:46	44.29				
HTL SE 100 ES 2 03:46	55.65				
HTL SN 100 03:46	57.60	11 0.13			
HTL SE 100 03:46	57.05	11 0.21			
HLM SZ 103 EP 2 03:46	44.12				
SWK SZ 123 EP 2 03:46	48.14				
SSW SZ 131 EP 2 03:46	49.49				
SSW SZ 131 ES 3 03:47	03.84				
SBD SZ 132 EP 2 03:46	48.85				
April 4 1995	Time: 01:41 40.5 UTC	Magnitude: 1.1 ML	April 8 1995	Time: 14:28 43.8 UTC	Magnitude: 1.3 ML
Lat: 55.339N	Lon: 5.276W	Depth: 7.6 km	Lat: 49.320N	Lon: 2.486W	Depth: 8.4 km
Grid Ref: 192.25 kmE 609.92 kmN		RMS: 0.19 secs	Grid Ref: 364.72 kmE -64.30 kmN		RMS: 0.03 secs
Locality: ISLE OF ARRAN, S'CLYDE		Quality: D	Locality: N JERSEY, CHANNEL ISLES		Quality: D
Comments: OFFSHORE, SOUTH OF ARRAN			Comments: 20KM NW OF JERSEY		
STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI	STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI
GCL SZ 61 EP 2 01:41	51.11		JVM SZ 23 EP 1 D 14:28	48.26	
GCL SZ 61 ES 3 01:41	58.13		JVM SZ 23 ES 2 14:28	51.49	
GAL SZ 64 EP 3 01:41	51.42		JSA SZ 27 EP 1 D 14:28	48.80	
GAL SE 64 ES 3 01:41	58.88		JLP SZ 29 EP 1 D 14:28	49.12	
GAL SN 64 01:42	02.82	6 0.18	JLP SZ 29 ES 2 14:28	53.02	
GAL SE 64 01:42	02.79	7 0.05	JRS SZ 32 IP 1 D 14:28	49.60	
PMS SZ 66 EP 3 01:41	51.49		JRS SN 32 ES 3 14:28	53.92	
PMS SZ 66 ES 3 01:41	59.47		JRS SN 32 14:28	54.20 59 0.23	
PGB SN 73 ES 3 01:42	01.20		JRS SE 32 14:28	54.20 48 0.06	
PGB SN 73 01:42	04.11	6 0.17	JQE SZ 35 EP 1 14:28	50.12	
PGB SE 73 01:42	01.96	9 0.19			
PCA SZ 76 ES 3 01:42	02.46				
April 4 1995	Time: 07:38 31.6 UTC	Magnitude: -0.6 ML	April 9 1995	Time: 13:11 20.3 UTC	Magnitude: 1.3 ML
Lat: 57.236N	Lon: 5.436W	Depth: 2.5 km	Lat: 59.106N	Lon: 0.222E	Depth: 8.6 km
Grid Ref: 192.68 kmE 821.29 kmN		RMS: 0.18 secs	Grid Ref: 527.22 kmE 1026.38 kmN		RMS: 0.08 secs
Locality: LOCH DUICH, HIGHLAND		Quality: D	Locality: NORTHERN NORTH SEA		Quality: D
STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI	STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI
KSB SZ 3 IP 1 C 07:38	32.49		SAN SZ 131 EP 3 13:11	41.14	
KSB SZ 3 ES 3 07:38	33.05		SAN SZ 131 ES 3 13:11	56.44	
KPL SZ 17 EP 2 07:38	35.22		LRW SZ 139 EP 3 13:11	42.27	
KPL SN 17 ES 3 07:38	37.32		LRW SE 139 ES 3 13:11	58.09	
KPL SN 17 07:38	37.95	2 0.17	LRW SN 139 13:11	58.71 4 0.18	
KPL SE 17 07:38	37.69	2 0.15	LRW SE 139 13:11	58.76 5 0.18	
KAC SZ 31 EP 2 07:38	37.47		WAL SZ 165 EP 3 13:11	45.57	
KAC SZ 31 ES 3 07:38	41.16		WAL SZ 165 ES 3 13:12	03.73	
			YEL SZ 177 EP 3 13:11	46.85	
			YEL SZ 177 ES 3 13:12	06.39	
April 12 1995	Time: 12:30 25.1 UTC	Magnitude: 0.0 ML	April 12 1995	Time: 12:30 25.1 UTC	Magnitude: 0.0 ML
Lat: 57.318N	Lon: 5.401W	Depth: 5.6 km	Lat: 57.318N	Lon: 5.401W	Depth: 5.6 km
Grid Ref: 195.24 kmE 830.38 kmN		RMS: 0.09 secs	Grid Ref: 195.24 kmE 830.38 kmN		RMS: 0.09 secs
Locality: KILLILAN, HIGHLAND		Quality: B	Locality: KILLILAN, HIGHLAND		Quality: B
STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI	STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI
KSB SZ 12 IP 3 12	D	12:30	KSB SZ 12 EP 3 12:30	27.73	
KSB SZ 12 ES 3 12	12:30		KPL SZ 15 IP 3 12:30	29.37	
KPL SZ 15 IP 3 12	C	12:30	KPL SZ 15 ES 3 12:30	28.29	
KPL SN 15 ES 3 12	12:30		KPL SN 15 12:30	30.28	
KPL SE 15 12:30	12:30		KPL SE 15 12:30	30.41 8 0.12	
KAC SZ 21 IP 1 D 12:30	12:30		KAC SZ 21 EP 2 12:30	30.35 10 0.08	
KAR SZ 52 EP 2 12:30	12:30		KAR SZ 52 12:30	34.00	
April 13 1995	Time: 20:34 12.6 UTC	Magnitude: 2.2 ML	April 13 1995	Time: 20:34 12.6 UTC	Magnitude: 2.2 ML
Lat: 58.811N	Lon: 0.508E	Depth: 8.0 km	Lat: 58.811N	Lon: 0.508E	Depth: 8.0 km
Grid Ref: 544.84 kmE 994.11 kmN		RMS: 0.11 secs	Grid Ref: 544.84 kmE 994.11 kmN		RMS: 0.11 secs
Locality: NORTHERN NORTH SEA		Quality: C	Locality: NORTHERN NORTH SEA		Quality: C
STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI	STAT CO DIST PHAS WT P HrMn	SECS	AMPL PERI
SAN SZ 167 ES 3 20:34	56.54		SAN SZ 167 ES 3 20:34	56.54	

PHASE DATA : 1995

TABLE 5 (cont'd)

PHASE DATA : 1995

TABLE 5 (cont'd)

CR2	SE	7	ES	1	D	03:20	12.03		FOO	SZ	140	ES	3	23:31	26.38								
CCA	SZ	9	IP		D	03:20	11.26		ASK	SZ	179	EP	3	23:31	15.35								
CST	SZ	10	IP		D	03:20	11.32		ASK	SZ	179	ES	3	23:31	36.05								
CST	SZ	10				03:20	12.80	61 0.05	HYA	SZ	201	EP	3	23:31	18.29								
April 23 1995		Time: 09:35 30.8 UTC				Magnitude: 0.1 ML				HYA	SZ	201	ES	3	23:31	40.72							
Lat: 57.234N		Lon: 5.482W				Depth: 4.1 km				YEL	SZ	212	EP	3	23:31	19.28							
Grid Ref: 189.87 kmE 821.29 kmN		Locality: LOCH DUICH, HIGHLAND				RMS: 0.07 secs				YEL	SZ	212	ES	3	23:31	42.72							
						Quality: B				LRW	SZ	241	EP	3	23:31	23.01							
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL PERI	LRW	SE	241	ES	3	23:31	49.06								
KSB	SZ	5	IP		C	09:35	32.17		LRW	SN	241			23:31	58.97	26	0.18						
KSB	SZ	5	ES	3		09:35	32.94		LRW	SE	241			23:31	58.38	20	0.15						
KPL	SZ	16	IP	1	C	09:35	34.01		SAN	SZ	252	EP	3	23:31	23.90								
KPL	SN	16	ES	3		09:35	36.02		SAN	SZ	252	ES	3	23:31	51.84								
KPL	SN	16				09:35	36.18	9 0.10	WAL	SZ	254	EP	3	23:31	24.07								
KPL	SE	16				09:35	36.12	16 0.17	WAL	SZ	254	ES	3	23:31	52.05								
KAC	SZ	32	EP	2		09:35	36.63		ODD1	SZ	281	IP	3	23:31	28.45								
KAR	SZ	41	EP	3		09:35	38.20		KMY	SZ	286	EP	3	23:31	28.47								
April 24 1995		Time: 06:58 40.2 UTC				Magnitude: 0.2 ML				MOL	SZ	299	EP	3	23:31	30.70							
Lat: 57.035N		Lon: 5.705W				Depth: 6.2 km				MOL	SZ	299	ES	3	23:32	01.19							
Grid Ref: 175.21 kmE 799.85 kmN		Locality: KNOYDART, HIGHLAND				RMS: 0.06 secs				BLSS	SZ	309	EP	3	23:31	31.98							
						Quality: B				BLSS	SZ	309	ES	3	23:32	04.35							
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL PERI			May 2 1995		Time: 04:23 34.0 UTC		Magnitude: 2.1 ML								
KAR	SZ	15	IP	1	D	06:58	43.28		Lat: 61.966N		Lon: 2.232E		Depth: 9.5 km		RMS: 0.32 secs		Quality: D						
KSB	SZ	26	IP	1	D	06:58	44.99		Grid Ref: 621.77 kmE 1350.08 kmN		Locality: NORTHERN NORTH SEA		STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL PERI		
KSB	SZ	26	ES	3		06:58	48.84		FOO	SZ	154	EP	3	04:23	58.30								
KPL	SZ	34	EP	3		06:58	46.43		FOO	SZ	154	ES	3	04:24	14.78								
KPL	SN	34	ES	3		06:58	50.83		SUE	SZ	169	EP	3	04:23	59.39								
KPL	SN	34				06:58	50.90	3 0.12	SUE	SZ	169	ES	3	04:24	17.93								
KPL	SE	34				06:58	50.90	4 0.10	HYA	SZ	228	EP	3	04:24	07.19								
KNR	SZ	51	IP	1	C	06:58	48.96		HYA	SZ	228	ES	3	04:24	31.05								
KAC	SZ	57	EP	3		06:58	50.14		HYA	SZ	228			04:24	34.52	23	1.00						
April 25 1995		Time: 21:26 40.8 UTC				Magnitude: 1.3 ML				YEL	SZ	238	EP	2	04:24	07.71							
Lat: 53.043N		Lon: 1.097W				Depth: 0.4 km				YEL	SZ	238	ES	3	04:24	32.72							
Grid Ref: 460.52 kmE 350.00 kmN		Locality: NOTTINGHAM, NOTTS				RMS: 0.36 secs				EGD	SZ	256	EP	3	04:24	09.53							
						Comments: C/F,9KM NE OF NOTTINGHAM				EGD	SZ	256			04:24	37.69	20	1.20					
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL PERI			LRW	SZ	275	EP	3	04:24	12.86						
KSY	SZ	35	EP	3		21:26	47.61		LRW		LRW	SN	275	ES	3	04:24	41.41						
CWF	SZ	37	EP	1	C	21:26	47.87		LRW		LRW	SN	275			04:24	42.94	4	0.37				
CWF	SN	37	ES	2		21:26	52.57		LRW		LRW	SE	275			04:24	42.96	6	0.27				
CWF	SN	37				21:26	52.82	11 0.18	WAL		WAL	SZ	282	EP	2	04:24	13.32						
CWF	SE	37				21:26	53.17	6 0.21	WAL		WAL	SZ	282	ES	3	04:24	42.02						
KBI	SZ	37	EP	2		21:26	47.79		MOL		MOL	SZ	284	EP	3	04:24	13.95						
SBD	SZ	146	EP	2		21:27	05.88		MOL		MOL	SZ	284	ES	3	04:24	42.45						
SSP	SN	153	ES	2		21:27	24.28		KMY		KMY	SZ	287	EP	3	04:24	47.77	13	1.00				
SSP	SN	153				21:27	28.22		SAN		SAN	SZ	287	ES	3	04:24	14.40						
SSP	SE	153				21:27	29.32	5 0.61	SAN		SAN	SZ	287			04:24	43.94						
MCH	SN	174	ES	3		21:27	30.18		MCH		MCH	SZ	349	EP	3	04:24	21.93						
MCH	SN	174				21:27	31.95	7 0.19	MCH		MCH	SE	182	ES	3	21:27	32.48						
April 26 1995		Time: 23:34 39.1 UTC				Magnitude: 1.4 ML				Comments: 65KM NE OF YARMOUTH		STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL PERI			
Lat: 53.018N		Lon: 2.192W				Depth: 0.4 km				AWI	SZ	58	EP	2	23:14	54.02							
Grid Ref: 387.13 kmE 346.83 kmN		Locality: STOKE-ON-TRENT, STAFFS				RMS: 0.14 secs				ABA	SZ	74	IP	1	23:14	56.78							
						Comments: C/F				ABA	SZ	74	ES	2	23:15	05.93							
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL PERI			AEU	SZ	84	EP	3	23:14	58.21						
KWE	SZ	23	EP	2		23:34	43.99		ABA		AWH	SZ	98	EP	3	23:15	00.30						
KBI	SZ	52	EP	2		23:34	48.52		ABA		APA	SZ	101	IP	1	23:15	00.83						
LHO	SZ	63	EP	2		23:34	50.48		APA		APA	SZ	101	ES	2	23:15	13.19						
CWF	SZ	67	EP	2		23:34	51.23		TCR		TCR	SZ	165	EP	2	23:15	10.63						
CWF	SN	67	ES	2		23:34	59.75		LMK		LMK	SZ	173	EP	3	23:15	12.32						
CWF	SN	67				23:34	59.94	5 0.21	KUF		KUF	SZ	182	EP	3	23:15	12.81						
CWF	SE	67				23:35	00.02	5 0.16	KSY		KSY	SZ	187	EP	3	23:15	14.10						
HLM	SZ	73	EP	3		23:34	52.01		TBW		TBW	SZ	206	EP	3	23:15	17.10						
SBD	SZ	73	EP	2		23:34	51.70		TFO		TFO	SZ	232	EP	2	23:15	21.14						
SBD	SZ	73	ES	2		23:35	01.45		LWH		LWH	SZ	234	EP	3	23:15	20.47						
SSP	SN	91	EP	2		23:34	55.01		CWF		CWF	SZ	239	EP	3	23:15	20.36						
SSP	SN	91	ES	2		23:35	06.29		CWF		CWF	SZ	239	ES	3	23:15	48.77						
SSP	SN	91				23:35	06.97	7 0.23	TSA		CWF	SZ	239			23:15	56.27	65	0.27				
SSP																							

PHASE DATA : 1995

TABLE 5 (cont'd)

PHASE DATA : 1995

TABLE 5 (cont'd)

PHASE DATA : 1995

TABLE 5 (cont'd)

LRW	SN	173		01:09	16.32	7	0.14	June	7 1995	Time: 05:45 26.1 UTC	Magnitude: 1.5 ML
LRW	SE	173		01:09	16.42	5	0.16			Lat: 56.130N	Depth: 1.6 km
WAL	SZ	194	EP	3	01:09	00.49				Lon: 3.721W	RMS: 0.08 secs
May	31	1995	Time: 19:44 48.3 UTC		Magnitude: 1.5 ML					Locality: CLACKMANNAN, CENTRAL	Quality: B
			Lat: 53.034N	Lon: 2.204E	Depth: 5.0 km					Comments: C/F,FELT WEST BIRKHILL	Intensity: 2+
			Grid Ref: 681.81 kmE 356.81 kmN		RMS: 0.22 secs					STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI
			Locality: SOUTHERN NORTH SEA		Quality: D					EBH SZ 19 IP D 05:45	29.86
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	EBH SZ 19 ES 3 05:45	32.59
AWI	SZ	56	EP	3		19:44	58.03			PCO SZ 28 EP 1 C 05:45	31.56
AWI	SZ	56	ES	3		19:45	04.26			EAU SZ 36 EP 1 D 05:45	32.87
AWI	SZ	56				19:45	06.15	38	0.16	ELO SZ 38 EP 2 05:45	33.17
ABA	SZ	73	EP	3		19:45	00.66			EAB SZ 39 EP 1 C 05:45	33.26
ABA	SZ	73	ES	3		19:45	09.37			EDI SZ 41 EP 1 D 05:45	33.56
ABA	SZ	73				19:45	11.57	19	0.12	EDI SE 41 ES 3 05:45	39.13
APA	SZ	95	EP	3		19:45	03.98			EDI SN 41 05:45	39.90
APA	SZ	95	ES	3		19:45	15.57			EDI SE 41 05:45	41.65
APA	SZ	95				19:45	18.47	8	0.24	EBL SZ 58 EP 2 05:45	36.34
AWH	SZ	95	EP	3		19:45	04.11			EDU SZ 64 EP 2 05:45	37.61
AWH	SZ	96	ES	3		19:45	16.29				
AWH	SZ	96				19:45	16.73	9	0.19		
May	31	1995	Time: 20:19 27.1 UTC		Magnitude: 1.1 ML						
			Lat: 56.134N	Lon: 3.724W	Depth: 1.7 km						
			Grid Ref: 292.87 kmE 694.84 kmN		RMS: 0.05 secs						
			Locality: CLACKMANNAN, CENTRAL		Quality: B						
			Comments: C/F								
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT CO DIST PHAS WT P HrMn	SECS AMPL PERI
EBH	SZ	18	EP	1	D	20:19	30.88			EBH SZ 17 IP D 00:30	11.41
EBH	SZ	18	ES	2		20:19	33.53			EBH SZ 17 ES 2 00:30	14.30
PCO	SZ	28	EP	2		20:19	32.57			PCO SZ 30 EP 1 C 00:30	13.82
EAU	SZ	37	EP	3		20:19	33.86			ELO SZ 36 EP 2 00:30	14.74
EAU	SZ	37	ES	3		20:19	39.01			EAU SZ 37 EP 2 00:30	14.90
ELO	SZ	38	EP	3		20:19	34.16			EAB SZ 40 EP 2 00:30	15.30
EAB	SZ	39	EP	2		20:19	34.27			EDI SZ 41 EP 1 D 00:30	15.50
EAB	SZ	39	ES	2		20:19	39.52			EDI SE 41 ES 3 00:30	21.15
EDI	SZ	41	EP	3		20:19	34.61			EDI SN 41 00:30	21.60
EDI	SN	41	ES	3		20:19	40.22			EDI SE 41 00:30	22.79
EDI	SN	41				20:19	42.75	23	0.45	EBL SZ 58 EP 2 00:30	11 0.43
EDI	SE	41				20:19	41.57	29	0.29	EDU SZ 62 EP 3 00:30	11 0.32
PCA	SZ	59	EP	3		20:19	37.47				
EBL	SZ	59	EP	3		20:19	37.46				
EDU	SZ	64	EP	3		20:19	38.38				
ESK	SE	97	ES	3		20:19	55.36				
ESK	SN	97				20:19	56.42	4	0.22		
ESK	SE	97				20:19	58.14	4	0.20		
June	2	1995	Time: 18:39 40.3 UTC		Magnitude: 0.9 ML						
			Lat: 57.160N	Lon: 5.358W	Depth: 10.0 km						
			Grid Ref: 196.95 kmE 812.72 kmN		RMS: 0.04 secs						
			Locality: SHIEL BRIDGE, HIGHLAND		Quality: B						
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI		
KSB	SZ	7	IP	1	C	18:39	42.53			BHO SZ 19 EP 1 D 18:47	28.80
KPL	SZ	27	EP	2		18:39	45.38			BHO SZ 19 EP 1 D 18:47	29.33
KPL	SN	27	ES	3		18:39	48.89			BHO SN 19 ES 2 18:47	32.21
KPL	SN	27				18:39	49.03	36	0.16	BHO SN 19 18:47	32.33
KPL	SE	27				18:39	48.92	28	0.17	BHO SE 19 18:47	32.27
KAC	SZ	38	IP	1	D	18:39	47.03			BHO SE 19 18:47	38 0.15
KAR	SZ	39	EP	2		18:39	47.28			BHH SZ 24 EP 3 18:47	29.97
KAR	SZ	39	ES	3		18:39	52.32			BHH SE 24 ES 2 18:47	33.60
EAB	SZ	125	EP	3		18:40	00.27			BHH SN 24 18:47	33.82
ELO	SZ	127	EP	3		18:40	00.60			BHH SE 24 18:47	33.85
June	3	1995	Time: 03:13 28.7 UTC		Magnitude: 1.5 ML						
			Lat: 56.145N	Lon: 3.703W	Depth: 0.3 km						
			Grid Ref: 294.23 kmE 696.02 kmN		RMS: 0.06 secs						
			Locality: CLACKMANNAN, CENTRAL		Quality: B						
			Comments: C/F								
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI		
EBH	SZ	17	IP		D	03:13	32.44				
PCO	SZ	30	EP	2		03:13	34.86				
ELO	SZ	36	IP		D	03:13	35.78				
EAU	SZ	37	IP		D	03:13	35.88				
EAB	SZ	40	EP	1	C	03:13	36.28				
EDI	SZ	41	IP		D	03:13	36.50				
EDI	SN	41	ES	2		03:13	42.22				
EDI	SN	41				03:13	42.62	32	0.42		
EDI	SE	41				03:13	43.96	51	0.26		
EBL	SZ	58	IP		D	03:13	39.32				
PGB	SZ	61	EP	1	D	03:13	39.99				
PGB	SN	61	ES	2		03:13	47.89				
PGB	SN	61				03:13	49.61	19	0.30		
PGB	SE	61				03:13	49.54	16	0.23		
EDU	SZ	62	EP	3		03:13	39.94				
ESK	SE	97	ES	3		03:13	57.46				
ESK	SN	97				03:13	59.04	13	0.18		
ESK	SE	97				03:14	00.27	24	0.22		
June	13	1995	Time: 04:54 29.2 UTC		Magnitude: 0.5 ML						
			Lat: 56.147N	Lon: 3.710W	Depth: 0.6 km						
			Grid Ref: 293.75 kmE 696.29 kmN		RMS: 0.05 secs						
			Locality: CLACKMANNAN, CENTRAL		Quality: B						
			Comments: C/F								
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI		
EBH	SZ	17	IP		D	04:54					
EBH	SZ	17	ES			04:54					
EAU	SZ	37	EP			04:54					
EAB	SZ	39	EP			04:54					
EDI	SZ	41	EP			04:54					
EDI	SN	41	ES	3		04:54					
EDI	SE	41				04:54					
EDI	SE	41				04:54					
EDI	SE	41				04:54					
EDI	SE	41				04:54					
June	13	1995	Time: 19:24 4.7 UTC		Magnitude: 1.6 ML						
			Lat: 56.623N	Lon: 5.545W	Depth: 0.6 km						
			Grid Ref: 182.54 kmE 753.47 kmN		RMS: 0.09 secs						
			Locality: KINGAIRLOCH, HIGHLAND		Quality: C						
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI		
KSB	SZ	66	EP	3		19:24					
KPL	SZ	80	EP	2		19:24					
KPL	SE	80	ES	3		19:24					
KPL	SN	80				19:24					

PHASE DATA : 1995

TABLE 5 (cont'd)

KPL	SE	80		19:24	33.84	24	0.24	MLA	SZ	536	EP	3	21:23	27.94	
EAB	SZ	89	EP	3	19:24	19.97		MLA	SZ	536	ES	3	21:24	19.09	
KAC	SZ	99	EP	3	19:24	21.63		MFI	SZ	555	EP	3	21:23	30.02	
ELO	SZ	114	EP	3	19:24	24.07		MCD	SZ	592	EP	3	21:23	35.13	
MDO	SZ	116	EP	3	19:24	24.27		MCD	SN	592	ES	3	21:24	31.39	
SKS	SZ	117	EP	3	19:24	24.63		MCD	SE	592			21:24	35.34	
June 14 1995		Time: 03:58 12.8 UTC				Magnitude: 1.6 ML		Lat: 57.032N		Lon: 5.747W		Depth: 2.5 km		MVH	
Grid Ref: 172.65 kmE 799.60 kmN		RMS: 0.15 secs				Locality: KNOYDART, HIGHLAND		Quality: C		EDU		SECS		MME	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI						
KAR	SZ	14	EP	1	D	03:58	15.70			KAC	SZ	681	ES	3	21:24
KAR	SZ	14	ES	2		03:58	17.43			KPL	SZ	708	EP	3	21:23
KSB	SZ	28	IP	1	D	03:58	18.01			KPL	SN	708	ES	3	21:24
KSB	SZ	28	ES	2		03:58	21.26			KPL	SN	708			21:24
KPL	SZ	35	IP	1	D	03:58	19.14			KPL	SE	708			58.01
KPL	SN	35	ES	3		03:58	23.25			KPL	SE	708			4 0.28
KPL	SN	35				03:58	23.42	39	0.18	KSB	SZ	709	ES	3	21:24
KPL	SE	35				03:58	23.60	58	0.13	ELO	SZ	709	EP	3	21:23
KAC	SZ	59	EP	1		03:58	23.06			EDI	SZ	744	EP	3	21:23
SKS	SZ	75	EP	1		03:58	25.69			EDI	SE	744	ES	3	21:25
MDO	SZ	95	EP	2		03:58	29.02			EDI	SN	744			10.21
MDO	SZ	95	ES	3		03:58	40.75			EDI	SE	744			8 0.45
MVH	SZ	137	EP	2		03:58	34.56			KAR	SZ	749	ES	3	21:25
MVH	SZ	137	ES	3		03:58	51.30								05.38
MCD	SZ	162	EP	2		03:58	38.90								
MCD	SE	162	ES	3		03:58	57.90								
MCD	SN	162				03:59	00.55	16	0.10						
MCD	SE	162				03:58	59.42	10	0.12						
MME	SZ	171	EP	2		03:58	39.70								
MME	SZ	171	ES	3		03:58	59.90								
June 16 1995		Time: 00:50 25.0 UTC				Magnitude: 0.6 ML		Lat: 57.317N		Lon: 5.406W		Depth: 5.0 km		MVH	
Grid Ref: 194.92 kmE 830.23 kmN		RMS: 0.11 secs				Locality: KILLILAN, HIGHLAND		Quality: C		YRE		SECS		YRE	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI						
KSB	SZ	12	EP	1	D	00:50	27.65			YRH	SZ	20	IP	1	23:52
KSB	SZ	12	ES	2		00:50	29.27			YRH	SZ	20	ES	2	23:52
KPL	SZ	15	EP	1	C	00:50	28.22			YRH	SZ	20			17.93
KPL	SN	15	ES	2		00:50	30.13			WFB	SZ	26	EP	2	23:52
KPL	SN	15				00:50	30.23	55	0.09	YLL	SZ	36	IP	1	23:52
KPL	SE	15				00:50	30.26	29	0.09	YLL	SZ	36	ES	2	23:52
KAC	SZ	21	EP	1	D	00:50	29.05			YRC	SZ	49	ES	3	23:52
KAR	SZ	51	EP	2		00:50	33.85			WLF	SZ	51	EP	2	23:52
June 19 1995		Time: 00:37 47.0 UTC				Magnitude: 0.8 ML		Lat: 50.215N		Lon: 5.253W		Depth: 0.2 km		MVH	
Grid Ref: 167.95 kmE 40.08 kmN		RMS: 0.03 secs				Locality: CAMBORNE, CORNWALL		Comments: COLLAPSE TYPE EVENT		Quality: D		YRE		YRE	
NO BLASTING TAKING PLACE AT THE TIME OF THE EVENT.															
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI						
CCA	SZ	4	IP		D	00:37	47.62			KAR	SZ	94	EP	3	17:57
CST	SZ	7	IP		D	00:37	48.17			KSB	SZ	129	EP	3	17:57
CR2	SZ	8	IP		D	00:37	48.41			KPL	SZ	141	EP	3	17:58
CR2	SN	8	ES	2		00:37	49.47			KPL	SE	141	ES	3	17:58
CR2	SN	8				00:37	49.73	69	0.08	KPL	SN	141			20.36
CR2	SE	8				00:37	49.96	77	0.08	KPL	SE	141			20.66
CCO	SZ	10	EP	1	D	00:37	48.66								0.14
CGW	SZ	13	IP		D	00:37	49.22								0.18
CMA	SZ	17	IP		D	00:37	50.08								
June 19 1995		Time: 22:58 0.7 UTC				Magnitude: -0.6 ML		Lat: 57.321N		Lon: 5.407W		Depth: 6.8 km		MVH	
Grid Ref: 194.87 kmE 830.70 kmN		RMS: 0.14 secs				Locality: KILLILAN, HIGHLAND		Comments: C/F		Quality: C		PCO		SECS	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI						
KSB	SZ	12	EP	1		22:58	03.44			ELO	SZ	31	EP	2	04:23
KSB	SZ	12	ES	2		22:58	05.07			EAU	SZ	36	EP	2	04:23
KPL	SZ	15	EP	1	C	22:58	04.01			EAB	SZ	37	EP	2	04:23
KPL	SN	15	ES	2		22:58	05.94			EDB	SZ	40	EP	3	04:23
KPL	SN	15				22:58	06.02	3	0.10	EDI	SZ	40	EP	1	04:23
KPL	SE	15				22:58	04.00	2	0.12	EDI	SN	40	ES	3	04:23
KAC	SZ	21	EP	1		22:58	04.85			EDI	SN	40			24.32
June 20 1995		Time: 21:22 17.6 UTC				Magnitude: 3.2 ML		Lat: 61.586N		Lon: 3.634E		Depth: 17.3 km		MVH	
Grid Ref: 698.80 kmE 1313.42 kmN		RMS: 0.22 secs				Locality: NORTHERN NORTH SEA		Comments: D		Quality: D		PCO		SECS	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI						
ASK	SZ	149	ES	3		21:22	55.94			ELO	SZ	40	EP	2	04:23
BER	SZ	162	ES	3		21:22	59.22			EAU	SZ	40	EP	2	04:23
LRW	SZ	307	EP	3		21:22	59.69			EDB	SZ	40	EP	3	04:23
LRW	SE	307	ES	3		21:23	30.24			EDI	SZ	40	EP	1	04:23
LRW	SN	307				21:23	35.64	29	0.09	EDI	SN	40	ES	3	04:23
LRW	SE	307				21:23	35.60	22	0.12	EDI	SE	40	EP	2	04:23
WAL	SZ	321	EP	3		21:23	01.33			EDI	SE	40	ES	3	26.07
WAL	SZ	321	ES	3		21:23	33.18			EBL	SZ	58	EP	3	21.32
June 22 1995		Time: 11:14 25.9 UTC				Magnitude: 1.4 ML		Lat: 56.423N		Lon: 5.385W		Depth: 6.2 km		MVH	
Grid Ref: 191.24 kmE 730.72 kmN		RMS: 0.13 secs				Locality: OBAN, STRATHCLYDE		Comments: C/F		Quality: C		PCO		SECS	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI						
KAR	SZ	62	EP	3		11:14	36.39			ELO	SZ	62	EP	3	21:24
EAB	SZ	70	EP	3		11:14	37.72			EAU	SZ	76	EP	3	21:23
PMS	SZ	76	EP	3		11:14	38.43			EDB	SZ	89	EP	2	04:23
PGB	SZ	89	EP	3		11:14	40.67			EDI	SZ	89	EP	3	21:24
PGB	SE	89	ES	3		11:14	51.05			EDI	SN	89	EP	2	04:23
PGB	SN	89				11:14	55.69			EDI	SE	89			0.28
PGB	SE	89				11:14	53.75			EDI	SN	89			0.47

PHASE DATA : 1995

TABLE 5 (cont'd)

WFB	SZ	84	EP	3	20:39	05.07	BWH	SZ	12	ES	3	C	10:39	15.03					
July	5	1995	Time: 01:53 15.4 UTC				Magnitude: 0.6 ML				ESK	SZ	21	IP	1	C	10:39	14.59	
Lat:	51.131N		Lon: 4.425W				Depth: 10.2 km				ESK	SN	21				10:39	18.17	
Grid Ref:	230.37 kmE	139.66 kmN	RMS: 0.37 secs				Quality: D				ESK	SE	21				10:39	17.25	
Locality:	BARNSTAPLE BAY, DEVON				SECS AMPL PERI				BHH	SZ	23	EP	2			10:39	15.21		
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	BHH <td>SN</td> <td>23</td> <td>ES</td> <td>3</td> <td></td> <td></td> <td>10:39</td> <td>18.23</td>	SN	23	ES	3			10:39	18.23	
HTL	SZ	16	IP		C	01:53	18.82		BHH	SN	23					10:39	18.29		
HTL	SN	16	ES	2		01:53	21.36		ECK	SZ	24	IP	1	C	10:39	15.27			
HTL	SN	16				01:53	22.30	25	0.09	BBH	SZ	37	EP	1	C	10:39	17.47		
HTL	SE	16				01:53	23.02	51	0.17	BTA	SN	63	ES	3		10:39	29.37		
HEX	SZ	44	EP	2		01:53	22.76		BTA	SN	63					10:39	31.43		
HSA	SZ	71	EP	2		01:53	27.78		EDI	SN	80	ES	3			10:39	33.85		
HPE	SZ	93	ES	3		01:53	41.13		EDI	SN	80					10:39	34.22		
									EDI	SE	80					10:39	34.91		
									XSO	SZ	84	EP	3			10:39	34.78		
									GIM	SE	121	ES	3			10:39	25.13		
									GIM	SN	121					10:39	45.68		
									GIM	SE	121					10:39	46.93		
									GIM	SE	121					10:39	46.31		
July	5	1995	Time: 20:40 39.2 UTC				Magnitude: 0.8 ML												
Lat:	56.145N		Lon: 3.706W				Depth: 0.2 km												
Grid Ref:	293.99 kmE	696.02 kmN	RMS: 0.09 secs				Quality: B												
Locality:	CLACKMANNAN, CENTRAL				Comments: C/F														
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI										
EBH	SZ	17	EP	3		20:40	43.00												
EBH	SZ	17	ES	3		20:40	45.83												
PCO	SZ	30	EP	1	D	20:40	45.26												
ELO	SZ	36	EP	3		20:40	46.22												
EAB	SZ	40	EP	2		20:40	46.68												
EDI	SZ	41	EP	1	D	20:40	46.95												
EDI	SN	41	ES	2		20:40	52.74												
EDI	SN	41				20:40	53.24	8	0.32										
EDI	SE	41				20:40	54.26	10	0.35										
July	6	1995	Time: 10:38 29.3 UTC				Magnitude: 2.1 ML									Magnitude: 0.9 ML			
Lat:	55.229N		Lon: 3.506W				Depth: 8.4 km									Depth: 6.4 km			
Grid Ref:	304.23 kmE	593.77 kmN	RMS: 0.15 secs				Quality: B									RMS: 0.16 secs			
Locality:	JOHNSTONEBRIDGE, D & G				SECS AMPL PERI											Quality: C			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI										
BWH	SZ	11	EP	1		10:38	32.01												
ESK	SZ	22	IP		C	10:38	33.27												
ESK	SN	22				10:38	35.85	148	0.09										
ESK	SE	22				10:38	35.95	216	0.16										
BHH	SZ	24	EP	1	C	10:38	33.99												
BHH	SE	24	ES	2		10:38	36.98												
BHH	SN	24				10:38	37.03	485	0.23										
BHH	SE	24				10:38	37.01	717	0.21										
ECK	SZ	25	IP		C	10:38	33.95												
BNA	SZ	30	EP	1	D	10:38	34.92												
BBH	SZ	38	EP	1	C	10:38	36.19												
GCD	SZ	49	EP	2		10:38	37.73												
BBO	SE	57	ES	3		10:38	46.22												
BBO	SN	57				10:38	50.52	52	0.32										
BBO	SE	57				10:38	48.90	80	0.25										
BDL	SZ	60	EP	3		10:38	39.91												
BTA	SZ	64	EP	3		10:38	40.75												
BTA	SN	64	ES	3		10:38	48.25												
BTA	SN	64				10:38	49.07	138	0.36										
BTA	SE	64				10:38	52.36	130	0.37										
EBL	SZ	67	EP	3		10:38	40.99												
EAU	SZ	69	EP	3		10:38	41.38												
CKE	SZ	76	EP	3		10:38	42.59												
EDI	SZ	80	EP	3		10:38	43.13												
EDI	SE	80	ES	3		10:38	52.73												
EDI	SN	80				10:38	53.60	147	0.24										
EDI	SE	80				10:38	53.58	102	0.18										
XDE	SZ	81	EP	2		10:38	43.14												
XSO	SZ	85	EP	2		10:38	43.45												
GAL	SZ	87	EP	2		10:38	43.90												
GAL	SE	87	ES	3		10:38	54.53												
GAL	SN	87				10:38	55.30	69	0.14										
GAL	SE	87				10:38	56.56	47	0.10										
CSF	SZ	89	EP	3		10:38	44.60												
XAL	SZ	92	EP	3		10:38	44.95												
ESY	SZ	95	EP	3		10:38	45.36												
CDU	SZ	101	EP	3		10:38	46.59												
LMI	SZ	113	EP	3		10:38	48.43												
LMI	SE	113	ES	3		10:39	01.79												
LMI	SN	113				10:39	03.00	34	0.19										
LMI	SE	113				10:39	03.24	41	0.28										
EBH	SZ	114	EP	3		10:38	48.50												
EAB	SZ	119	EP	3		10:38	49.32												
GIM	SZ	121	EP	3		10:38	49.70												
GIM	SE	121	ES	3		10:39	03.82												
GIM	SN	121				10:39	04.91	55	0.15										
GIM	SE	121				10:39	05.00	113	0.19										
GMK	SZ	133	EP	3		10:38	51.18												
July	6	1995	Time: 10:39 10.7 UTC				Magnitude: 1.5 ML									Magnitude: 1.0 ML			
Lat:	55.225N		Depth: 3.3 km				RMS: 0.09 secs									Depth: 11.5 km			
Grid Ref:	305.16 kmE	593.36 kmN	Quality: B				SECS AMPL PERI									RMS: 0.32 secs			
Locality:	JOHNSTONEBRIDGE, D & G				STAT CO DIST PHAS WT P HrMn											Quality: D			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	KBI	SZ	23	EP	2			10:20	13.6 UTC	
BWH	SZ	12	EP	1	C	10:39	13.38	</td											

PHASE DATA : 1995

TABLE 5 (cont'd)

KWE	SZ	27	ES	3	08:20	46.88		KBI	SZ	25	EP	3	15:59	04.03			
CWF	SZ	69	EP	3	08:20	45.57		KBI	SZ	25	ES	3	15:59	07.63			
CWF	SN	69	ES	3	08:20	52.37		KWE	SZ	38	EP	2	15:59	06.69			
CWF	SN	69			08:20	53.51	6 0.21	KWE	SZ	38	ES	3	15:59	11.94			
CWF	SE	69			08:20	52.59	5 0.23	CWF	SZ	39	EP	2	15:59	06.15			
July 14 1995		Time: 08:57 43.8 UTC			Magnitude: 1.5 ML			CWF	SN	39	ES	3	15:59	11.99			
Lat: 53.095N		Lon: 1.051W			Depth: 0.3 km			CWF	SN	39			15:59	12.41			
Grid Ref: 463.51 kmE 355.71 kmN		RMS: 0.40 secs			Quality: D			CWF	SE	39			15:59	12.59			
Locality: MANSFIELD, NOTTS								KSY	SZ	49	EP	2	15:59	08.61			
Comments: C/F,6KM SE OF MANSFIELD																	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	July 18 1995					Magnitude: 1.8 ML		
KBI	SZ	37	EP	2		08:57	50.72	Lat: 56.611N					Depth: 1.3 km				
KBI	SZ	37	ES	3		08:57	55.50	Grid Ref: 183.14 kmE 752.14 kmN					RMS: 0.12 secs				
CWF	SZ	43	EP	2		08:57	51.54	Locality: LOCH LINNHE, HIGHLAND					Quality: B				
CWF	SN	43	ES	3		08:57	58.77	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
CWF	SN	43				08:58	01.06	KAR	SZ	39	EP	3	18:27	34.36			
CWF	SE	43				08:58	00.25	KSB	SZ	67	EP	3	18:27	39.01			
KWE	SZ	54	EP	2		08:57	54.03	KPL	SZ	81	EP	3	18:27	41.36			
KWE	SZ	54	ES	3		08:58	01.40	KPL	SN	81	ES	3	18:27	51.98			
HPK	SZ	103	EP	3		08:58	01.74	EAB	SZ	88	EP	3	18:27	57.24			
HPK	SN	103	ES	3		08:58	14.60	PMS	SZ	98	EP	2	18:27	56.84			
HPK	SN	103				08:58	18.12	PMS	SZ	98	ES	3	18:27	44.27			
HPK	SE	103				08:58	16.04	KAC	SZ	100	EP	3	18:27	56.41			
July 16 1995		Time: 10:53 44.1 UTC			Magnitude: 1.7 ML			PGB	SZ	111	EP	3	18:27	44.52			
Lat: 53.099N		Lon: 1.170W			Depth: 0.8 km			PGB	SE	111	ES	3	18:27	46.30			
Grid Ref: 455.55 kmE 356.07 kmN		RMS: 0.18 secs			Quality: C			PGB	SN	111			18:28	59.68			
Locality: MANSFIELD, NOTTS								PGB	SE	111			18:28	01.73			
Comments: C/F,FELT MANSFIELD AREA								PGB	SE	111			18:28	02.57			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	KPO	SZ	113	EP	3	18:27	46.41	
KBI	SZ	30	EP	3		10:53	49.94	KPO	SZ	113	ES	3	18:28	00.44			
CWF	SZ	41	EP	1		10:53	51.75	MDO	SZ	117	EP	2	18:27	47.25			
CWF	SN	41	ES	3		10:53	57.68	KSK	SZ	119	EP	3	18:27	47.49			
CWF	SN	41				10:53	58.23	PCA	SZ	129	EP	3	18:27	49.18			
CWF	SE	41				10:53	58.27	EDU	SZ	155	EP	3	18:27	52.79			
KWE	SZ	46	EP	3		10:53	52.31	EDI	SN	164	EP	3	18:28	13.37			
KWE	SZ	46	ES	3		10:53	59.18	EDI	SN	164			18:28	19.00			
KTG	SZ	101	EP	3		10:54	01.35	EDI	SE	164			18:28	9 0.33			
HLM	SZ	132	EP	3		10:54	07.47	July 18 1995					Magnitude: 1.5 ML				
SBD	SZ	142	EP	2		10:54	07.50	Lat: 56.144N					Depth: 0.0 km				
SBD	SZ	142	ES	3		10:54	25.18	Grid Ref: 294.31 kmE 695.92 kmN					RMS: 0.06 secs				
SSP	SZ	151	EP	2		10:54	09.88	Locality: CLACKMANNAN, CENTRAL					Quality: B				
SSP	SN	151	ES	3		10:54	27.92	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
SSP	SN	151				10:54	30.95	EBH	SZ	17	IP	D	20:12	48.47			
SSP	SE	151				10:54	30.36	EBH	SZ	17	ES	2	20:12	51.33			
HAE	SZ	151	EP	2		10:54	09.96	PCO	SZ	30	EP	2	20:12	50.83			
HAE	SZ	151	ES	3		10:54	28.96	ELO	SZ	36	EP	2	20:12	51.80			
HCG	SZ	189	EP	3		10:54	14.96	EAU	SZ	37	EP	1	D	20:12	51.94		
HCG	SZ	189	ES	3		10:54	38.04	EAB	SZ	40	EP	2	20:12	52.40			
July 18 1995		Time: 05:04 54.4 UTC			Magnitude: 0.7 ML			EDI	SZ	40	IP		20:12	52.55			
Lat: 52.862N		Lon: 3.573W			Depth: 12.9 km			EDI	SN	40	ES	3	20:12	58.12			
Grid Ref: 294.09 kmE 330.62 kmN		RMS: 0.07 secs			Quality: B			EDI	SN	40			20:12	58.52			
Locality: BALA, GWYNEDD								EDI	SE	40			20:13	00.03			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	EBL	SZ	58	EP	2	20:12	55.29	
SBD	SZ	22	IP	1	C	05:04	58.68	EDI	SE	41	EP	2	20:12	55.97			
WFB	SZ	37	IP	1	C	05:05	01.10	EDI	SE	41	IP	D	20:12				
WPM	SZ	49	EP	3		05:05	02.89	EDI	SE	41	IP		20:12				
YLL	SZ	51	EP	2		05:05	03.05	PCO	SZ	30	EP	2	21:45	25.85			
YRE	SZ	59	ES	3		05:05	11.10	ELO	SZ	36	EP	2	21:45	28.60			
SSP	SZ	59	EP	2		05:05	04.42	EAU	SZ	37	EP	1	D	21:45	28.15		
SSP	SN	59				05:05	12.29	EAB	SZ	40	EP	2	21:45	29.16			
SSP	SE	59				05:05	12.08	EDI	SZ	41	IP	D	21:45	29.28			
HCG	SZ	60	EP	2		05:05	04.49	EDI	SZ	41	IP		21:45	29.69			
HCG	SZ	60	ES	3		05:05	11.31	EDI	SZ	41	IP		21:45	29.89			
HLM	SZ	61	EP	2		05:05	04.70	EDI	SE	41	ES	3	21:45	35.56			
YRH	SZ	71	EP	2		05:05	06.38	EDI	SE	41			21:45	36.19			
July 18 1995		Time: 05:05 47.1 UTC			Magnitude: 1.1 ML			EDI	SE	41			21:45	9 0.33			
Lat: 53.158N		Lon: 1.106W			Depth: 4.8 km			EDI	SE	41			21:45	37.36			
Grid Ref: 459.79 kmE 362.67 kmN		RMS: 0.31 secs			Quality: D			EDI	SE	41			21:45	10 0.31			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	July 18 1995					Magnitude: 0.8 ML		
KBI	SZ	30	EP	2		05:05	52.48	EBL	SZ	58	EP	2	21:45	25.85			
KBI	SZ	30	ES	3		05:05	57.28	EBL	SZ	58	EP	2	21:45	28.60			
KSY	SZ	41	EP	3		05:05	54.01	EDI	SZ	58	EP	2	21:45	28.15			
KSY	SZ	41	ES	3		05:06	00.34	EDI	SZ	58	EP	2	21:45	29.16			
CWF	SZ	49	EP	3		05:05	56.00	EDI	SE	41	IP	D	21:45	29.28			
CWF	SN	49	ES	3		05:06	01.64	EDI	SE	41	IP		21:45	29.50			
CWF	SN	49				05:06	03.05	EDI	SE	41	IP		21:45	30.50			
CWF	SE	49				05:06	02.16	EDI	SE	41	IP		21:45	30.90			
KWE	SZ	52	EP	2		05:05	56.13	EDI	SE	41	IP		21:45	30.90			
KWE	SZ	52	ES	3		05:06	02.95	EDI	SE	41	IP		21:45	30.90			
July 18 1995		Time: 15:58 59.4 UTC			Magnitude: 1.0 ML			July 19 1995					Magnitude: 0.7 ML				
Lat: 53.084N		Lon: 1.292W			Depth: 1.0 km			Lat: 53.133N					Depth: 0.5 km				
Grid Ref: 447.42 kmE 354.39 kmN		RMS: 0.26 secs			Quality: C			Grid Ref: 456.97 kmE 359.87 kmN					RMS: 0.30 secs				
Locality: MANSFIELD, NOTTS								Locality: MANSFIELD, NOTTS					Quality: C				
STAT</td																	

PHASE DATA : 1995

TABLE 5 (cont'd)

KWE	SZ	48	ES	3	04:23	05.13	LMI	SE	83		14:46	06.22	12	0.21					
July	20	1995	Time:	21:08	41.4 UTC	Magnitude: 0.4 ML	GAL	SZ	85	EP	3	14:45	54.58						
			Lat:	55.242N	Lon: 3.497W	Depth: 4.0 km	GAL	SN	85			14:46	05.46	15	0.18				
			Grid Ref:	304.81 kmE	595.19 kmN	RMS: 0.09 secs	GAL	SE	85			14:46	05.52	7	0.15				
			Locality: JOHNSTONEBRIDGE, D & G					GIM	SE	102	ES	4	14:46	10.09					
STAT	CO	DIST	PHAS	WT	P	HrMn	GIM	SN	102			14:46	12.16	6	0.18				
BWH	SZ	13	EP	2		21:08	GIM	SE	102			14:46	11.67	10	0.15				
BWH	SZ	13	ES	3		44.10													
ESK	SZ	20	IP		C	45.82													
ESK	SE	20	ES	2		45.38													
ESK	SN	20				47.93													
ESK	SE	20				48.95	10	0.10											
BHH	SZ	24	EP	3		48.02	11	0.08											
BHH	SN	24	ES	3															
BHH	SN	24																	
BHH	SE	24																	
ECK	SZ	25	IP		C	49.09													
BBH	SZ	38	EP	1	C	49.10	20	0.16											
XSO	SZ	84	EP	3		49.10	29	0.20											
July	26	1995	Time:	01:57	32.4 UTC	Magnitude: 1.1 ML	August	10	1995	Time:	02:16	32.6 UTC	Magnitude: 1.6 ML						
			Lat:	56.130N	Lon: 3.720W	Depth: 1.6 km				Lat:	50.619N	Lon: 4.608W	Depth: 7.5 km						
			Grid Ref:	293.08 kmE	694.32 kmN	RMS: 0.02 secs	Grid Ref:	215.54 kmE	83.29 kmN	Grid Ref:	192.15 kmE	83.29 kmN	RMS: 0.07 secs						
			Locality: CLACKMANNAN, CENTRAL					Locality: BODMIN MOOR, CORNWALL					Comments: 18KM WEST OF LAUNCESTON						
			Comments: C/F					STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI		
STAT	CO	DIST	PHAS	WT	P	HrMn	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI			
EBH	SZ	19	IP		D	01:57	SECS	AMPL	PERI	CSA	SZ	36	IP	C	02:16	38.94			
EBH	SZ	19	ES	2		36.21				HTL	SZ	43	EP	2	02:16	40.04			
PCO	SZ	28	EP	1	C	01:57				DYA	SZ	52	IP	1	02:16	41.60			
EAU	SZ	36	EP	1	D	01:57				DYA	SE	52	ES	2	02:16	47.95			
ELO	SZ	38	EP	2		37.86				DYA	SN	52			02:16	48.71	39	0.10	
EAB	SZ	39	EP	3		39.15				DYA	SE	52			02:16	48.37	19	0.11	
EDI	SZ	40	IP		D	01:57				DCO	SZ	62	EP	1	02:16	43.13			
EDI	SN	40	ES	3		39.92				CST	SZ	62	EP	1	02:16	42.97			
EDI	SN	40				45.35				CR2	SZ	64	IP	1	02:16	43.42			
EDI	SE	40				48.04	19	0.43		CR2	SE	64	ES	3	02:16	51.31			
EBL	SZ	58	EP	2		47.95	20	0.25		CR2	SN	64			02:16	53.56	21	0.06	
EDU	SZ	64	EP	3		42.72				CCA	SZ	65	IP	1	02:16	43.65			
						43.65				CCO	SZ	68	EP	1	02:16	44.10			
										CMA	SZ	70	EP	2	02:16	44.45			
										CGW	SZ	72	IP	C	02:16	44.87			
July	30	1995	Time:	07:59	35.6 UTC	Magnitude: -0.1 ML	August	11	1995	Time:	22:09	7.8 UTC	Magnitude: 1.5 ML						
			Lat:	52.964N	Lon: 4.395W	Depth: 23.5 km				Lat:	53.446N	Lon: 2.490W	Depth: 1.0 km						
			Grid Ref:	239.19 kmE	343.44 kmN	RMS: 0.02 secs	Grid Ref:	367.46 kmE	394.52 kmN	Grid Ref:	192.15 kmE	394.52 kmN	RMS: 0.32 secs						
			Locality: LLEYN PENIN, GWYNEDD					Locality: LEIGH, GTR MANCHESTER					Comments: C/F,FELT LOWTON COMMON FELT IN SEVERAL HOUSES IN TWO STREETS			Intensity: 3+			
STAT	CO	DIST	PHAS	WT	P	HrMn	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI			
YRE	SZ	3	EP	1	D	07:59	SECS	AMPL	PERI	LHO	SZ	44	EP	3	22:09	16.25			
YRE	SZ	3	ES	3		39.43				LHO	SZ	44	ES	3	22:09	21.30			
YRE	SZ	3				42.10				SBD	SZ	79	EP	3	22:09	21.64			
YRH	SZ	21	EP	1		42.68	4	0.09		SBD	SZ	79	ES	3	22:09	31.49			
YRH	SZ	21	ES	2		40.77				HPK	SZ	81	EP	3	22:09	22.33			
YRH	SZ	21				44.28				HPK	SE	81	ES	2	22:09	31.96			
YLL	SZ	25	EP	2		44.42	10	0.07		HPK	SN	81			22:09	32.77	39	0.26	
YLL	SZ	25				41.16				WPM	SZ	96	ES	3	22:09	36.07			
YRC	SZ	34	ES	3		45.05	6	0.10		LMI	SZ	102	EP	3	22:09	24.95			
WLF	SZ	36	EP	3		46.84				LMI	SZ	102	ES	3	22:09	37.48			
						42.68				YLL	SZ	117	EP	3	22:09	27.58			
										YLL	SZ	117	ES	3	22:09	41.44			
										WME	SZ	121	ES	3	22:09	42.85			
										WLF	SZ	128	ES	3	22:09	44.26			
										WFB	SZ	134	EP	3	22:09	30.53			
										WFB	SZ	134	ES	3	22:09	46.01			
										WCB	SE	137	ES	3	22:09	46.84			
										WCB	SN	137			22:09	48.40	6	0.28	
										WCB	SE	137			22:09	47.42	2	0.16	
August	5	1995	Time:	14:45	40.1 UTC	Magnitude: 1.2 ML	August	13	1995	Time:	09:59	57.3 UTC	Magnitude: 3.0 ML						
			Lat:	54.969N	Lon: 3.392W	Depth: 10.8 km				Lat:	61.310N	Lon: 2.407E	Depth: 15.0 km						
			Grid Ref:	310.88 kmE	564.68 kmN	RMS: 0.16 secs	Grid Ref:	635.90 kmE	1277.74 kmN	Grid Ref:	192.15 kmE	1277.74 kmN	RMS: 0.13 secs						
			Locality: RUTHWELL, D & G					Locality: NORTHERN NORTH SEA					Quality: D						
STAT	CO	DIST	PHAS	WT	P	HrMn	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI			
BCC	SZ	12	EP	2		43.16				LRW	SZ	236	EP	3	10:00	30.84			
BNA	SZ	15	EP	2		43.49				LRW	SE	236	ES	3	10:00	54.84			
BHH	SZ	18	EP	2		43.82				LRW	SN	236			10:01	09.74	38	0.19	
BHH	SN	18	ES	3		46.30				LRW	SE	236			10:01	09.84	43	0.18	
BHH	SN	18				46.47	71	0.20		WAL	SZ	248	EP	3	10:00	32.13			
BHH	SE	18				47.93	55	0.23		WAL	SE	248	ES	3	10:00	57.70			
BBO	SZ	28	EP	3		45.35				MLA	SZ	466	EP	3	10:00	59.16			
BBO	SN	28	ES	2		48.85				MCD	SZ	525	EP	3	10:01	06.52			
BBO	SN	28				48.94	18	0.21		MCD	SN	525	ES	3	10:01	57.39			
BBO	SE	28				49.14	27	0.25		MCD	SE	525			10:02	00.61	11	0.14	
BWH	SZ	29	EP	2		45.75				MCD	SE	525			10:02	00.33	12	0.13	
ECK	SZ	29	EP	1	C	44.58				MVH	SZ	530	EP	3	10:01	07.08			
BDL	SZ	34	EP	3		46.66				MME	SZ	540	EP	3	10:01	08.62			
BBH	SZ	35	EP	2		46.29				MDO	SZ	578	EP	3	10:01	13.00			
GCD	SZ	37	IP		C	46.83													
ESK	SZ	41	EP	3		47.49													
ESK	SN	41	ES	3		52.40													
ESK	SN	41				52.53	16	0.11											
ESK	SE	41				52.46	17	0.19											
BTA	SZ	46	EP	3		48.51													
BTA	SN	46	EP	2		54.45													
BTA	SN	46	ES	2		54.45													
BTA	SN	46				54.77	26	0.23											
BTA	SE	46				54.95	20	0.27											
XDE	SZ	52	EP	3		49.05													
CSF	SZ	59	EP	3		50.29													
CDU	SZ	72	EP	2		52.31													
XAL	SZ	77	EP	2		53.33													
LMI	SE	83	ES	3		54.07													
LMI	SN	83				54.99	25	0.26											
August	14	1995	Time:	20:46	14.8 UTC	Magnitude: 0.5 ML													
			Lat:	57.439N	Lon: 5.446W	Depth: 8.9 km													
			Grid Ref:	193.21 kmE	843.98 kmN	RMS: 0.01 secs													
			Locality: STRATHCARRON, HIGHLAND					Quality: C											
STAT	CO	DIST	PHAS	WT	P	HrMn	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI			

PHASE DATA : 1995

TABLE 5 (cont'd)

KAC	SZ	11	EP	1	D	20:46	17.48		MFI	SZ	156	EP	3		12:05	09.99													
KAC	SZ	11	ES	3		20:46	19.42		August	18	1995																		
KPL	SZ	17	EP	1	C	20:46	18.27		Time:	13:26	35.1 UTC	Magnitude:	3.2 ML																
KPL	SN	17	ES	2		20:46	20.81		Lat:	61.575N		Depth:	20.8 km																
KPL	SN	17				20:46	20.84	23 0.06	Lon:	4.211E		RMS:	0.12 secs	-															
KPL	SE	17				20:46	20.96	24 0.13	Grid Ref:	729.46 kmE 1314.93 kmN		Quality:	D																
KSB	SZ	26	EP	2		20:46	19.66		Locality:	NORTHERN NORTH SEA		STAT	CO	DIST	PHAS	WT	P	HrMn											
KSB	SZ	26	ES	3		20:46	23.13		SECS	AMPL	PERI	LRW	SZ	334	EP	3		13:27	19.97										
August 17 1995		Time: 01:55 15.8 UTC						Magnitude: -0.7 ML						LRW	SZ	334	ES	3		13:27	53.01								
Lat: 52.948N		Lon: 4.391W						Depth: 21.6 km						LRW	SZ	334	EP	2		13:27	54.24	24 0.14							
Grid Ref: 239.36 kmE 341.63 kmN		RMS: 0.13 secs						Quality: D						SAN	SZ	344	EP	3		13:27	21.24								
Locality: LLEYN PENIN, GWYNEDD																			SAN	344	ES	3		13:27	54.99				
STAT	CO	DIST	PHAS	WT	P	HrMn		YRE	SZ	4	EP	2	01:55	19.48	WAL	SZ	349	EP	2		13:27	21.92							
YRE	SZ	4	EP	2				YRE	SZ	4	ES	2	01:55	22.08	WAL	SZ	349	ES	3		13:27	55.86							
YRE	SZ	4						YRE	SZ	4				22.72	MLA	SZ	559	ES	3		13:28	41.32							
YRH	SZ	20	IP	1	C	01:55		YRH	SZ	20	ES	2	01:55	20.69	MFI	SZ	574	ES	3		13:28	44.63							
YRH	SZ	20						YRH	SZ	20				24.34	MCD	SE	613	ES	3		13:28	52.55							
YRH	SZ	20						YRH	SZ	20				23.79	MCD	SN	613				13:28	57.87	11 0.24						
YRH	SZ	20						YLL	SZ	26	EP	3	01:55	21.18	MCD	SE	613				13:28	58.20	11 0.16						
YLL	SZ	26	EP	3				YLL	SZ	26	ES	3	01:55	24.78	MME	SZ	626	ES	3		13:28	55.76							
YLL	SZ	26						YLL	SZ	26				25.14	MDO	SN	669	ES	3		13:29	04.94							
YRC	SZ	36	EP	3				YLL	SZ	26				01:55	KPL	SN	731	ES	4		13:29	17.63							
YRC	SZ	36						YRC	SZ	36				22.54	KPL	SN	731				13:29	20.05	3 0.24						
August	17	1995						YRC	SZ	36					KPL	SE	731				13:29	23.53	4 0.23						
August 17 1995		Time: 16:01 23.3 UTC						Magnitude: 3.1 ML						August 23 1995		Time: 01:10 4.8 UTC						Magnitude: -1.1 ML							
Lat: 49.882N		Lon: 4.262W						Depth: 11.1 km						Lat:	53.385N		Lon:	4.457W				Depth: 22.6 km							
Grid Ref: 237.48 kmE 0.56 kmN		RMS: 0.14 secs						Quality: C						Grid Ref:	236.61 kmE 390.38 kmN		Quality:	B				RMS: 0.03 secs							
Comments: 55KM SOUTH OF PLYMOUTH																			STAT	CO	DIST	PHAS	WT	P	HrMn		SECS	AMPL	PERI
STAT	CO	DIST	PHAS	WT	P	HrMn		DCO	SZ	56	IP	D	16:01	32.87	WCB	SZ	6	EP	2		01:10	08.66							
DCO	SZ	56						DCO	SZ	56	ES	3	16:01	39.54	WCB	SN	6	ES	3		01:10	11.22							
DYA	SZ	66	IP					DYA	SZ	66				34.62	WCB	SN	6			01:10	11.47	1 0.06							
DYA	SE	66	ES	2				DYA	SE	66				42.56	WCB	SE	6			01:10	11.47	1 0.11							
CMA	SZ	66	IP	1	D	16:01		CMA	SZ	66				34.32	WME	SZ	10	EP	2		01:10	08.89							
CSA	SZ	69	IP	1	D	16:01		CSA	SZ	69				34.89	WLF	SZ	11	EP	2		01:10	08.90							
CR2	SZ	72	EP	2				CR2	SZ	72				35.22	YRC	SZ	17	ES	3		01:10	12.54							
CR2	SN	72	ES	3				CR2	SN	72				43.99	YLL	SZ	33	EP	3		01:10	11.40							
CCO	SZ	73	EP	1	D	16:01		CCO	SZ	73				35.31															
CST	SZ	73	EP	2				CST	SZ	73				35.33															
CGW	SZ	73	EP	3				CGW	SZ	73				35.45															
CRQ	SZ	73	EP	3				CRQ	SZ	73				35.36															
CCA	SZ	77	EP	2				CCA	SZ	77				35.94															
CPZ	SZ	100	EP	3				CPZ	SZ	100				39.72															
HTL	SZ	125	EP	3				HTL	SZ	125				43.35															
HTL	SN	125	ES	3				HTL	SN	125				57.95															
HEX	SZ	136	EP	3				HEX	SZ	136				44.60															
JVM	SZ	166	EP	3				JVM	SZ	166				47.62															
JLP	SZ	172	EP	2				JLP	SZ	172				48.12															
JRS	SZ	175	EP	3				JRS	SZ	175				49.73															
JRS	SN	175	ES	3				JRS	SN	175				16:02															
SMD	SZ	193	EP	2				SMD	SZ	193				16:01															
SWK	SZ	201	EP	2				SWK	SZ	201				51.83															
HGH	SZ	221	EP	3				HGH	SZ	221				16:01															
SIW	SZ	224	EP	3				SIW	SZ	224				55.47															
HPE	SZ	231	EP	3				HPE	SZ	231				16:01															
SWN	SZ	251	EP	3				SWN	SZ	251				59.55															
SWN	SN	251						SWN	SN	251				16:02															
SWN	SE	251						SWN	SE	251				38.95															
HTR	SZ	254	EP	3				HTR	SZ	254				16:02															
HAE	SZ	268	EP	3				HAE	SZ	268				16:02															
HAE	SZ	268						HAE	SZ	268				01.58															
HCG	SZ	275	EP	3				HCG	SZ	275				16:02															
SSP	SZ	293	EP	3				SSP	SZ	293				02.56															
SSP	SN	293	ES	3				SSP	SN	293				16:02															
SSP	SN	293	ES	3				SSP	SN	293				47.69															
SSP	SE	293						SSP	SE	293				16:02															
August	18	1995						August	18	1995																			
August 18 1995		Time: 12:04 44.7 UTC						Magnitude: 0.8 ML						August 26 1995		Time: 17:28 19.3 UTC						Magnitude: 0.8 ML							
Lat: 57.287N		Lon: 4.827W						Depth: 2.5 km						Lat:	56.077N		Lon:	3.944W					Depth: 4.0 km						
Grid Ref: 229.66 kmE 825.37 kmN</td																													

PHASE DATA : 1995

TABLE 5 (cont'd)

BHH	SE	17		07:44	06.13	19	0.22	HCG	SZ	63	ES	2	04:29	44.22						
BNA	SZ	26	EP	2	07:44	04.72		YRE	SZ	69	EP	2	04:29	37.84						
BBO	SZ	51	EP	2	07:44	08.83		YRH	SZ	82	EP	3	04:29	39.73						
BBO	SN	51	ES	3	07:44	15.17		HTR	SZ	88	EP	3	04:29	40.93						
BBO	SN	51			07:44	17.06	2	0.20	MCH	SN	101	ES	3	04:29	54.27					
BBO	SE	51			07:44	17.71	3	0.25	MCH	SN	101			04:29	55.01					
BDL	SZ	53	EP	2	07:44	09.23		MCH	SE	101			04:29	55.49						
August 28 1995		Time: 09:59 17.5 UTC		Magnitude: 2.7 ML				September 4 1995		Time: 20:24 26.6 UTC		Magnitude: 1.4 ML								
Lat: 57.246N		Lon: 3.858W		Depth: 7.6 km				Lat: 53.006N		Lon: 4.769W		Depth: 14.9 km								
Grid Ref: 287.92 kmE 818.82 kmN		RMS: 0.19 secs		Locality: AViemore, Highland				Grid Ref: 214.21 kmE 349.07 kmN		Comments: FELT AViemore...		RMS: 0.09 secs								
Comments: ALSO FELT BOAT OF GARTEN, CARRBRIDGE & AVIELOCHAN		Intensity: 4		Locality: CAERNARVON BAY, GWYNEDD				Locality: CAERNARVON BAY, GWYNEDD		Quality: C		Comments: FELT BOAT OF GARTEN, CARRBRIDGE & AVIELOCHAN								
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	HrMn	SECS	AMPL	PERI		
MDO	SZ	37	IP	1	C	09:59	23.99			YRH	SZ	21	IP							
MDO	SZ	37	ES	3		09:59	28.72			YRH	SZ	21	ES	2	20:24	30.97				
MCD	SZ	52	EP	2		09:59	26.39			YRE	SZ	23	IP							
MCD	SN	52	ES	3		09:59	32.71			YRE	SZ	23	ES	2	20:24	31.30				
MME	SZ	54	EP	2		09:59	26.48			YRE	SZ	23	ES	2	20:24	34.37				
MVH	SZ	78	EP	3		09:59	30.53			YRC	SZ	30	EP	1	C	20:24	32.20			
KNR	SZ	83	IP	1	D	09:59	30.89			WLF	SZ	40	EP	3	20:24	33.58				
ELO	SZ	87	EP	3		09:59	31.66			YLL	SZ	43	EP	1	C	20:24	33.97			
EDR	SZ	88	IP	1	C	09:59	31.96			YLL	SZ	43	ES	3	20:24	39.15				
KAC	SZ	91	EP	1	C	09:59	32.60			WCB	SZ	44	EP	2	20:24	34.41				
EDU	SZ	93	EP	3		09:59	32.96			WCB	SE	44	ES	2	20:24	39.67				
KS B	SZ	95	EP	1	C	09:59	33.00			WCB	SN	44					40.05	15	0.18	
MFI	SZ	102	EP	3		09:59	34.57			WCB	SE	44					39.95	17	0.12	
KPL	SZ	109	EP	1	C	09:59	35.43			WME	SZ	54	EP	2	20:24	35.67				
KPL	SE	109	ES	3		09:59	48.00			WFB	SZ	61	IP	1	D	20:24	37.05			
KPL	SN	109				09:59	49.82	123	0.22	WPM	SZ	64	EP	3	20:24	37.23				
KPL	SE	109				09:59	49.89	143	0.22	SBD	SZ	102	EP	3	20:24	42.87				
EBH	SZ	113	EP	3		09:59	36.41			SSP	SZ	130	EP	3	20:24	48.11				
EAB	SZ	122	EP	3		09:59	37.63			SSP	SN	130					03.88	10	0.20	
MLA	SZ	122	EP	3		09:59	37.57			SSP	SE	130					04.15	10	0.19	
KAR	SZ	125	EP	3		09:59	37.62													
PCO	SZ	141	EP	3		09:59	39.94													
EDI	SE	153	ES	3		09:59	59.42													
EDI	SN	153				10:00	04.75	82	0.38											
EDI	SE	153				10:00	01.87	100	0.19											
PGB	SE	165	ES	3		10:00	02.00													
PGB	SN	165				10:00	04.06	79	0.25											
PGB	SE	165				10:00	04.76	119	0.22											
August 29 1995		Time: 22:56 9.4 UTC		Magnitude: 0.7 ML				September 6 1995		Time: 05:11 24.2 UTC		Magnitude: 0.6 ML								
Lat: 55.199N		Lon: 3.427W		Depth: 9.2 km				Lat: 57.207N		Lon: 5.758W		Depth: 4.7 km								
Grid Ref: 309.18 kmE 590.37 kmN		RMS: 0.07 secs		Locality: JOHNSTONEBRIDGE, D & G				Grid Ref: 173.07 kmE 819.13 kmN		Locality: ISLE OF SKYE, HIGHLAND		RMS: 0.21 secs								
Comments: JOHNSTONEBRIDGE, D & G		Quality: B		Comments: 6KM N OF DÜISDALEMORE				Comments: 6KM N OF DÜISDALEMORE		Quality: C		Comments: 6KM N OF DÜISDALEMORE								
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	HrMn	SECS	AMPL	PERI		
BWH	SZ	15	EP	1	C	22:56	12.62			KPL	SZ	16	EP	1	05:11	27.56				
BWH	SZ	15	ES	3		22:56	14.82			KPL	SN	16	ES	2	05:11	29.63				
BHH	SZ	18	EP	1	C	22:56	13.13			KPL	SE	16				05:11	29.70	30	0.10	
BHH	SE	18	ES	3		22:56	15.77			KPL	SZ	20	EP	1	C	05:11	28.19			
BHH	SN	18				22:56	16.01	50	0.21	KSB	SZ	20	EP	3	05:11	30.83				
BHH	SE	18				22:56	15.86	36	0.23	KSB	SN	20	ES	3	05:11	30.05				
ECK	SZ	19	IP		C	22:56	13.26			KAR	SZ	33	EP	2	05:11	31.70				
ECK	SE	19	ES	3		22:56	15.98			KAC	SZ	43	EP	2	05:11	36.08				
EK S	SN	19				22:56	16.30	22	0.10	KAC	SE	43	ES	3	05:11	30.05				
EK S	SE	19				22:56	16.02	25	0.07	KNS	SZ	65	EP	3	05:11	31.05				
ECK	SZ	19	IP		D	22:56	13.30			KNS	SE	65	ES	3	05:11	30.05				
ECK	SZ	19	ES	3		22:56	15.98													
BBH	SZ	33	EP	2		22:56	15.22													
BBO	SZ	53	EP	3		22:56	18.53													
BBO	SE	53	ES	3		22:56	25.01													
BBO	SN	53				22:56	26.18	5	0.17											
BBO	SE	53				22:56	25.18	5	0.25											
BDL	SZ	54	EP	2		22:56	18.96													
EBL	SZ	68	EP	3		22:56	21.16													
XAL	SZ	86	EP	3		22:56	23.88													
CDU	SZ	97	EP	3		22:56	25.62													
August 30 1995		Time: 04:29 25.9 UTC		Magnitude: 0.7 ML				September 8 1995		Time: 09:49 18.2 UTC		Magnitude: 2.6 ML								
Lat: 52.866N		Lon: 3.413W		Depth: 13.4 km				Lat: 61.827N		Lon: 4.379E		Depth: 17.3 km								
Grid Ref: 304.89 kmE 330.81 kmN		RMS: 0.18 secs		Locality: BALA, GWYNEDD				Grid Ref: 735.58 kmE 1343.84 kmN		Locality: NORTHERN NORTH SEA		RMS: 0.02 secs								
Comments: BALA, GWYNEDD		Quality: B		Comments: 13KM SE OF BALA				Comments: 13KM SE OF BALA		Locality: NORTHERN NORTH SEA		Quality: D								
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	HrMn	SECS	AMPL	PERI		
SBD	SZ	11	IP	1	C	04:29	29.01			LRW	SZ	355	EP	3	09:50	06.06				
SBD	SZ	11	ES	2		04:29	30.98			LRW	SN	355	ES	3	09:50	41.10				
WFB	SZ	47	IP	1	C	04:29	34.41			LRW	SE	355				09:50	43.57	9	0.17	
HLM	SZ	53	EP	2		04:29	35.02			LRW	SE	355				09:50	42.88	7	0.10	
HLM	SZ	53	ES	2		04:29	41.51			SAN	SZ	366	EP	3						

PHASE DATA : 1995

TABLE 5 (cont'd)

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
FOO	SZ	57	IP	3	C	13:50	45.82		
FOO	SZ	57	ES	3		13:50	51.65		
HYA	SZ	133	IP	3	C	13:50	57.87		
HYA	SZ	133	ES	3		13:51	13.72		
HYA	SZ	133				13:51	16.65	1508	0.40
ASK	SZ	157	EP	3		13:51	01.13		
BER	SZ	169	EP	3		13:51	03.47		
BER	SZ	169	ES	3		13:51	21.72		
EGD	SZ	188	EP	3		13:51	04.26		
MOL	SZ	204	EP	3		13:51	06.65		
MOL	SZ	204	ES	3		13:51	29.27		
MOL	SZ	204				13:51	30.49	533	0.60
LRW	SZ	336	EP	3		13:51	23.52		
LRW	SE	336	ES	3		13:51	57.37		
LRW	SN	336				13:52	01.97	23	0.21
LRW	SE	336				13:52	03.65	17	0.25
SAN	SZ	346	EP	3		13:51	24.70		
SAN	SZ	346	ES	3		13:52	00.07		
WAL	SZ	349	EP	3		13:51	24.91		
WAL	SZ	349	ES	3		13:52	00.25		
MLA	SZ	565	ES	3		13:52	46.83		
MCD	SN	621	ES	3		13:52	58.92		
MCD	SN	621				13:53	02.98	18	0.21
MCD	SE	621				13:53	00.74	18	0.19
MVH	SZ	630	ES	3		13:53	00.31		
MME	SZ	635	ES	3		13:53	02.23		
September 9 1995									
Time: 13:50 36.3 UTC									
Lat: 61.771N									
Lon: 4.030E									
Grid Ref: 717.83 kmE 1335.86 kmN									
Locality: NORTHERN NORTH SEA									
Magnitude: 3.4 ML									
Depth: 2.4 km									
RMS: 0.30 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2.5 ML									
Depth: 9.3 km									
RMS: 0.09 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2.5 ML									
Depth: 9.3 km									
RMS: 0.09 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2.5 ML									
Depth: 9.3 km									
RMS: 0.09 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2.5 ML									
Depth: 9.3 km									
RMS: 0.09 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2.5 ML									
Depth: 9.3 km									
RMS: 0.09 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2.5 ML									
Depth: 9.3 km									
RMS: 0.09 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2.5 ML									
Depth: 9.3 km									
RMS: 0.09 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2.5 ML									
Depth: 9.3 km									
RMS: 0.09 secs									
Quality: C									
September 9 1995									
Time: 18:20 24.2 UTC									
Lat: 50.905N									
Lon: 0.869W									
Grid Ref: 479.48 kmE 112.41 kmN									
Locality: HORNEDEAN, HAMPSHIRE									
Magnitude: 2									

September 17 1995			Time: 16:50 0.9 UTC			Magnitude: 2.8 ML		
Lat:	61.382N	Lon:	2.680E	Depth:	15.0 km	RMS:	0.16 secs	Quality: D
Grid Ref:	649.89 kmE	1286.71 kmN						
Locality:	NORTHERN NORTH SEA			SECS	AMPL	PERI		
STAT	CO	DIST	PHAS	WT	P	HrMn		
LRW	SZ	252	EP	3		16:50	36.14	
LRW	SE	252	ES	3		16:51	02.08	
LRW	SN	252				16:51	12.73	15 0.10
LRW	SE	252				16:51	12.25	17 0.14
SAN	SZ	263	EP	3		16:50	37.66	
SAN	SZ	263	ES	3		16:51	04.40	
WAL	SZ	265	EP	3		16:50	37.73	
WAL	SZ	265	ES	3		16:51	04.51	
MLA	SZ	482	EP	3		16:51	04.84	
MFI	SZ	506	EP	3		16:51	07.56	
MCD	SZ	541	EP	3		16:51	11.86	
MCD	SN	541	ES	3		16:52	04.07	
MCD	SN	541				16:52	12.52	7 0.11
MCD	SE	541				16:52	12.93	7 0.23
MVH	SZ	546	ES	3		16:52	04.82	
MME	SZ	556	EP	3		16:51	13.97	
September 18 1995			Time: 06:49 23.8 UTC			Magnitude: -0.1 ML		
Lat:	57.291N	Lon:	5.616W	Depth:	2.5 km	RMS:	0.23 secs	Quality: C
Grid Ref:	182.11 kmE 828.03 kmN			SECS	AMPL	PERI		
Locality:	PLOCKTON, HIGHLAND							
STAT	CO	DIST	PHAS	WT	P	HrMn		
KPL	SZ	6	EP	1	C	06:49	25.17	
KPL	SN	6	ES	2		06:49	26.02	
KPL	SN	6				06:49	26.07	14 0.15
KPL	SE	6				06:49	26.07	7 0.12
KSB	SZ	15	EP	1	C	06:49	27.08	
KSB	SZ	15	ES	3		06:49	28.94	
September 18 1995			Time: 23:45 52.4 UTC			Magnitude: 1.0 ML		
Lat:	52.000N	Lon:	2.812W	Depth:	11.1 km	RMS:	0.14 secs	Quality: B
Grid Ref:	344.29 kmE 233.88 kmN			SECS	AMPL	PERI		
Locality:	HEREFORD, HER & WOR							
Comments:	7KM SW OF HEREFORD							
STAT	CO	DIST	PHAS	WT	P	HrMn		
MCH	SZ	13	IP	1	D	23:45	55.37	
MCH	SN	13	ES	1		23:45	57.54	
HAE	SZ	19	IP	1	C	23:45	56.39	
HAE	SZ	19	ES	2		23:45	58.59	
HTR	SZ	33	IP	1	D	23:45	58.14	
HGH	SZ	40	IP	1	C	23:45	59.52	
SSP	SZ	51	EP	2		23:46	01.27	
SSP	SE	51	ES	2		23:46	07.60	
SSP	SN	51				23:46	07.76	9 0.14
SSP	SE	51				23:46	08.95	9 0.13
HLM	SZ	58	EP	3		23:46	02.45	
HCG	SZ	68	EP	2		23:46	04.01	
YRH	SZ	155	EP	3		23:46	17.51	
WPM	SZ	158	ES	3		23:46	36.05	
September 22 1995			Time: 06:40 26.6 UTC			Magnitude: 1.4 ML		
Lat:	57.673N	Lon:	4.651W	Depth:	5.7 km	RMS:	0.09 secs	Quality: B
Grid Ref:	241.93 kmE 867.86 kmN			SECS	AMPL	PERI		
Locality:	DINGWALL, HIGHLAND							
STAT	CO	DIST	PHAS	WT	P	HrMn		
MDO	SZ	31	IP	1	C	06:40	32.26	
MVH	SZ	39	IP	1	D	06:40	33.59	
KAC	SZ	43	EP	3		06:40	34.12	
KSB	SZ	69	EP	3		06:40	38.25	
KPL	SZ	71	EP	3		06:40	38.56	
KPL	SE	71	ES	3		06:40	47.17	
KPL	SN	71				06:40	50.76	6 0.12
KPL	SE	71				06:40	50.93	6 0.17
MCD	SZ	84	EP	3		06:40	40.72	
MCD	SN	84	ES	3		06:40	50.73	
MCD	SN	84				06:40	55.08	28 0.15
MCD	SE	84				06:40	54.87	37 0.19
KNR	SZ	97	EP	3		06:40	42.71	
KNR	SZ	97	ES	3		06:40	54.10	
MLA	SZ	104	EP	3		06:40	43.70	
KAR	SZ	110	EP	3		06:40	44.71	
KAR	SZ	110	ES	3		06:40	57.82	
September 26 1995			Time: 15:32 45.0 UTC			Magnitude: 2.1 ML		
Lat:	53.315N	Lon:	1.838W	Depth:	0.4 km	RMS:	0.28 secs	Quality: C
Grid Ref:	410.77 kmE 379.85 kmN			SECS	AMPL	PERI		
Locality:	PEAK FOREST, DERBYSHIRE							
Comments:	COLLAPSE TYPE EVENT							
STAT	CO	DIST	PHAS	WT	P	HrMn		
KBI	SZ	22	EP	2		15:32	49.31	
KBI	SZ	22	ES	3		15:32	52.95	
LHO	SZ	26	EP	2		15:32	49.88	
LHO	SZ	26	ES	3		15:32	54.30	
KWE	SZ	33	EP	2		15:32	51.07	
KWE	SZ	33	ES	2		15:32	56.34	
HPK	SZ	73	EP	2		15:32	57.83	

PHASE DATA : 1995

TABLE 5 (cont'd)

HPK	SN	73	ES	3	15:33	07.52		MCH	SZ	85	EP	2	20:40	41.08			
HPK	SN	73			15:33	08.31	121	0.40	MCH	SN	85	ES	2	20:40	51.09		
HPK	SE	73			15:33	12.44	74	0.40	MCH	SN	85			20:40	51.44	19 0.14	
SBD	SZ	106	EP	2	15:33	03.09		MCH	SE	85			20:40	52.17	12 0.26		
SBD	SZ	106	ES	3	15:33	15.04		HGH	SZ	93	EP	2	20:40	42.23			
HLM	SZ	113	EP	2	15:33	04.32		SSP	SZ	106	EP	1	C	20:40	44.57		
HLM	SZ	113	ES	3	15:33	18.42		SSP	SE	106	ES	3		20:40	56.60		
SSP	SZ	132	EP	2	15:33	07.13		SSP	SN	106				20:41	00.76	46 0.21	
SSP	SN	132	ES	3	15:33	23.07		SSP	SE	106				20:41	00.90	32 0.27	
SSP	SN	132			15:33	25.67	17	0.29	WFB	SZ	109	EP	3		20:40	45.30	
SSP	SE	132			15:33	26.42	33	0.36	HAE	SZ	116	EP	1	D	20:40	46.04	
LMI	SZ	140	EP	3	15:33	07.91		HLM	SZ	125	EP	2		20:40	47.31		
HAE	SZ	150	EP	2	15:33	10.71		YRH	SZ	129	EP	3		20:40	48.36		
HAE	SZ	150	ES	3	15:33	27.80		SWK	SZ	146	EP	3		20:40	50.74		
WFB	SZ	164	EP	3	15:33	11.73											
WFB	SZ	164	ES	3	15:33	30.87											
HCG	SZ	165	EP	2	15:33	12.14											
HCG	SZ	165	ES	3	15:33	31.37											
HTR	SZ	168	EP	2	15:33	11.47											
HTR	SZ	168	ES	3	15:33	32.84											
September 30 1995				Time: 10:51 5.2 UTC		Magnitude: 0.2 ML		October 5 1995				Time: 16:22 35.3 UTC				Magnitude: -0.6 ML	
Lat: 52.969N				Lon: 4.375W		Depth: 24.0 km		Lat: 49.083N				Lon: 2.095W				Depth: 3.2 km	
Grid Ref: 240.51 kmE 343.95 kmN				RMS: 0.05 secs		Grid Ref: 393.04 kmE -90.75 kmN		RMS: 0.14 secs				Locality: S OF JERSEY, CHANNEL IS				Quality: D	
Locality: LLEYN PENIN, GWYNEDD				Quality: B		STAT CO DIST		PHAS WT P HrMn		STAT CO DIST		PHAS WT P HrMn		STAT CO DIST		SECS AMPL PERI	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS AMPL PERI
YRE	SZ	4	EP	1	D	10:51	09.14		JRS	SZ	12	EP	3		16:22	37.83	
YRE	SZ	4	ES	2		10:51	11.88		JRS	SN	12	ES	3		16:22	39.44	
YRE	SZ	4				10:51	12.12	20	0.07	JRS	SE	12				16:22	39.92
YRH	SZ	23	IP	1	C	10:51	10.58		JSA	SZ	13	EP	3		16:22	40.10	
YRH	SZ	23	ES	2		10:51	14.16		JQE	SZ	14	EP	3		16:22	37.88	
YRH	SZ	23				10:51	14.32	13	0.09	JVM	SZ	17	EP	3		16:22	38.34
YLL	SZ	24	IP	1	C	10:51	10.65		JVM	SZ	17	ES	3		16:22	38.59	
YLL	SZ	24	ES	2		10:51	14.31		JLP	SZ	18	EP	3		16:22	41.22	
YLL	SZ	24				10:51	14.62	8	0.08							38.86	
WFB	SZ	39	EP	3		10:51	12.79										
WFB	SZ	39	ES	3		10:51	17.56										
October 3 1995				Time: 00:42 51.3 UTC		Magnitude: 2.1 ML		October 5 1995				Time: 22:35 5.1 UTC				Magnitude: 1.4 ML	
Lat: 57.073N				Lon: 5.623W		Depth: 4.3 km		Lat: 56.133N				Lon: 3.719W				Depth: 1.8 km	
Grid Ref: 180.39 kmE 803.79 kmN				RMS: 0.23 secs		Locality: KNOYDART, HIGHLAND		Grid Ref: 293.16 kmE 694.65 kmN				Locality: CLACKMANNAN, CENTRAL				RMS: 0.07 secs	
Locality: KNOYDART, HIGHLAND				Quality: C		Comments: C/F		STAT CO DIST		PHAS WT P HrMn		STAT CO DIST		PHAS WT P HrMn		SECS AMPL PERI	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	EBH	SZ	18	IP	1	D	22:35	08.85
KSB	SZ	20	IP	1	D	00:42	55.17		EBH	SZ	18	ES	2		22:35	11.18	
KAR	SZ	21	IP			00:42	55.55		PCO	SZ	29	EP	2		22:35	10.44	
KAR	SZ	21	ES	3		00:42	57.93		EAU	SZ	36	EP	3		22:35	11.75	
KPL	SZ	30	IP	1	D	00:42	56.93		ELO	SZ	38	EP	2		22:35	12.05	
KPL	SE	30	ES	2		00:43	00.40		EAB	SZ	39	EP	2		22:35	12.23	
KPL	SN	30				00:43	00.87	137	0.17	EDI	SZ	41	EP	2		22:35	12.54
KPL	SE	30				00:43	00.65	172	0.17	EDI	SN	41				22:35	27.24
KNR	SZ	49	IP	1	C	00:42	59.93		EDI	SE	41					22:35	30.27
KNR	SZ	49	ES	3		00:43	06.05		EBL	SZ	58	EP	3		22:35	15.33	
KAC	SZ	51	IP	1	D	00:43	00.35		EDU	SZ	64	EP	3		22:35	16.32	
KSK	SZ	78	EP	2		00:43	04.80										
MDO	SZ	86	EP	2		00:43	05.89										
RRR	SE	88	ES	3		00:43	16.11										
RRR	SN	88				00:43	19.62	94	0.10								
RRR	SE	88				00:43	16.27	69	0.15								
RRH	SZ	114	EP	3		00:43	09.92										
REB	SZ	118	EP	3		00:43	10.61										
EAB	SZ	126	EP	3		00:43	12.90										
MVH	SZ	128	EP	3		00:43	12.59										
RSC	SZ	145	EP	3		00:43	14.66										
RTO	SZ	150	EP	3		00:43	15.23										
MCD	SZ	154	EP	2		00:43	15.67										
MCD	SN	154	ES	3		00:43	34.11										
MCD	SE	154				00:43	35.34	31	0.12								
MME	SZ	163	EP	3		00:43	16.47										
EDR	SZ	188	EP	3		00:43	19.79										
EDI	SZ	197	EP	3		00:43	22.07										
EDI	SN	197	ES	3		00:43	47.53										
EDI	SN	197				00:43	47.71	26	0.38								
EDI	SE	197				00:43	48.07	20	0.27								
MFI	SZ	209	EP	3		00:43	22.44										
October 4 1995				Time: 20:40 27.2 UTC		Magnitude: 1.7 ML		October 7 1995				Time: 03:05 51.4 UTC				Magnitude: 0.6 ML	
Lat: 51.710N				Lon: 4.144W		Depth: 10.3 km		Lat: 49.134N				Lon: 2.194W				Depth: 9.2 km	
Grid Ref: 251.88 kmE 203.48 kmN				RMS: 0.18 secs		Locality: LLANELLI, DYFED		Grid Ref: 385.85 kmE -85.07 kmN				Locality: JERSEY, CHANNEL ISLANDS				Quality: C	
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS AMPL PERI
HSA	SZ	4	IP	1	D	20:40	29.78		EBH	SZ	19	IP	2		21:57	52.95	
HSA	SZ	4	ES	2		20:40	30.73		EBH	SZ	19	ES	2		21:57	55.68	
HPE	SZ	50	IP	1	D	20:40	35.79		PCO	SZ	28	EP	1	C	21:57	54.56	
HTR	SZ	73	EP	2		20:40	39.17		PCO	SE	36	EP	1	D	21:57	55.91	
HEX	SZ	75	EP	2		20:40	39.75		EAB	SZ	39	EP	2		21:57	56.34	
HCG	SZ	76	EP	1	C	20:40	39.99		EDI	SZ	41	IP	2		21:57	56.68	
HTL	SZ	83	IP	1	C	20:40	40.93		EDI	SN	41	ES	2		21:58	02.32	
HTL	SN	83	ES	3		20:40	49.76		EDI	SN	41				21:58	04.86	

PHASE DATA : 1995

TABLE 5 (cont'd)

KWE	SZ	57	EP	3	01:34	56.61		HPK	SN	51		20:54	10.14	62	0.34										
HPK	SZ	62	EP	3	01:34	57.50		HPK	SE	51		20:54	10.11	54	0.51										
HPK	SN	62	ES	3	01:35	05.57		LRN	SZ	104	EP	2	20:54	05.99											
HPK	SN	62			01:35	08.24	46	0.26	SBD	SZ	139	EP	3	20:54	10.21										
HPK	SE	62			01:35	06.84	39	0.21	SBD	SZ	139	ES	3	20:54	28.81										
LRN	SZ	115	EP	3	01:35	06.19		SSP	SN	166	ES	3	20:54	35.27											
October 11 1995		Time: 18:19 52.1 UTC				Magnitude: 1.9 ML		SSP	SN	166		20:54	35.66	11	0.36										
Lat: 53.054N		Lon: 1.289W				Depth: 6.5 km		SSP	SE	166		20:54	37.94	23	0.49										
Grid Ref: 447.66 kmE 351.02 kmN						RMS: 0.24 secs		MCH	SN	199	ES	3	20:54	42.54											
Locality: MANSFIELD, NOTTS						Quality: C																			
Comments: 9 KM SW OF MANSFIELD																									
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI																
KEY	SZ	24	EP	2		18:19	56.79																		
KBI	SZ	28	IP	1	D	18:19	56.73																		
KBI	SZ	28	ES	2		18:20	00.91																		
KWE	SZ	38	IP	1	C	18:19	58.87																		
KWE	SZ	38	ES	3		18:20	04.02																		
KSY	SZ	48	EP	2		18:20	00.24																		
LHO	SZ	66	EP	3		18:20	03.28																		
LMK	SZ	78	EP	1	C	18:20	05.30																		
KUF	SZ	78	EP	2		18:20	05.19																		
HPK	SZ	103	EP	2		18:20	09.35																		
HPK	SE	103	ES	2		18:20	21.53																		
HPK	SZ	103				18:20	25.05	48	0.14																
HPK	SE	103				18:20	22.78	33	0.28																
HLM	SZ	123	EP	2		18:20	12.50																		
SBD	SZ	133	ES	3		18:20	30.46																		
HAE	SZ	142	EP	3		18:20	15.87																		
LWH	SZ	148	EP	3		18:20	17.14																		
LRN	SZ	155	EP	3		18:20	17.68																		
MCH	SN	165	ES	3		18:20	38.71																		
MCH	SN	165				18:20	40.96	7	0.07																
MCH	SE	165				18:20	42.66	8	0.23																
HTR	SZ	173	EP	3		18:20	20.43																		
HCG	SZ	180	EP	3		18:20	21.47																		
October 11 1995		Time: 18:20 39.4 UTC				Magnitude: 2.4 ML																			
Lat: 53.056N		Lon: 1.276W				Depth: 6.8 km																			
Grid Ref: 448.49 kmE 351.29 kmN						RMS: 0.28 secs																			
Locality: MANSFIELD, NOTTS						Quality: C																			
Comments: FELT SOUTH NORMANTON						Intensity: 3+																			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI																
KEY	SZ	24	IP		D	18:20	44.14																		
KEY	SZ	24	ES	3		18:20	47.74																		
KBI	SZ	28	EP	2		18:20	44.00																		
KBI	SZ	28	ES	3		18:20	48.38																		
KWE	SZ	38	IP	1	C	18:20	46.18																		
KSY	SZ	47	EP	1		18:20	47.53																		
KSY	SZ	47	ES	1		18:20	53.24																		
LHO	SZ	67	EP	1	D	18:20	50.47																		
KUF	SZ	77	EP	2		18:20	52.47																		
LMK	SZ	77	EP	1	D	18:20	52.65																		
HPK	SZ	103	EP	1		18:20	56.67																		
HPK	SN	103	ES	2		18:21	08.57																		
HPK	SN	103				18:21	12.33	187	0.13																
HPK	SE	103				18:21	10.16	115	0.21																
HLM	SZ	124	EP	3		18:20	59.84																		
SSW	SZ	127	EP	2		18:21	01.31																		
SBD	SZ	134	EP	2		18:21	01.77																		

PHASE DATA : 1995

TABLE 5 (cont'd)

SSP	SE	83							
HCG	SZ	118	EP	3		21:19	07.94	5	0.22
MCH	SN	118	ES	2		21:19	00.55		
MCH	SN	118				21:19	15.31		
MCH	SE	118				21:19	19.91	12	0.17
HPK	SZ	119	EP	3		21:19	19.26	5	0.18
HPK	SE	119	ES	2		21:19	01.23		
HPK	SN	119				21:19	15.67		
HPK	SE	119				21:19	19.22	30	0.18
HPK	SE	119				21:19	19.83	24	0.26
October 16 1995		Time: 16:06 28.1 UTC				Magnitude: 0.4 ML			
Lat: 57.125N		Lon: 5.686W				Depth: 1.0 km			
Grid Ref: 176.91 kmE 809.83 kmN		RMS: 0.16 secs				Quality: C			
Locality: KNOYDART, HIGHLAND									
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
KSB	SZ	18	EP	2		16:06	32.21		
KSB	SZ	18	ES	3		16:06	34.79		
KPL	SZ	24	IP	1	D	16:06	33.16		
KPL	SE	24	ES	3		16:06	36.37		
KPL	SN	24				16:06	36.52	12	0.14
KPL	SE	24				16:06	36.61	14	0.13
KAR	SZ	25	IP	1	D	16:06	33.06		
KAC	SZ	48	EP	1		16:06	36.69		
October 19 1995		Time: 09:41 17.3 UTC				Magnitude: 1.6 ML			
Lat: 56.147N		Lon: 3.711W				Depth: 0.3 km			
Grid Ref: 293.74 kmE 696.25 kmN		RMS: 0.09 secs				Quality: B			
Locality: CLACKMANNAN, CENTRAL		Comments: C/F,FELT CLACKMANNAN				Intensity: 2+			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
EBH	SZ	17	EP	1	D	09:41	21.07		
EBH	SZ	17	ES	3		09:41	24.00		
PCO	SZ	30	EP	2		09:41	23.35		
ELO	SZ	36	EP	2		09:41	24.10		
EAU	SZ	37	EP	1	D	09:41	24.49		
EAB	SZ	39	EP	2		09:41	24.79		
EDI	SZ	41	EP	1	D	09:41	25.09		
EDI	SN	41	ES	2		09:41	31.04		
EDI	SN	41				09:41	31.57	50	0.37
EDI	SE	41				09:41	32.86	71	0.27
EBL	SZ	59	EP	1	D	09:41	27.92		
EDU	SZ	62	EP	3		09:41	28.83		
October 20 1995		Time: 11:22 53.1 UTC				Magnitude: 1.5 ML			
Lat: 52.987N		Lon: 3.500W				Depth: 11.1 km			
Grid Ref: 299.28 kmE 344.35 kmN		RMS: 0.07 secs				Quality: B			
Locality: BALA, GWYNEDD		Comments: 10KM NE OF BALA							
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
SBD	SZ	19	IP		D	11:22	56.75		
SBD	SZ	19	ES	2		11:22	59.28		
WPM	SZ	41	EP	2		11:23	00.21		
WPM	SZ	41	ES	2		11:23	04.99		
YLL	SZ	48	IP	1	D	11:23	01.40		
WFB	SZ	50	IP	1	C	11:23	01.73		
WFB	SZ	50	ES	2		11:23	07.37		
YRE	SZ	62	EP	2		11:23	03.73		
HLM	SZ	67	EP	2		11:23	04.38		
SSP	SZ	69	EP	2		11:23	04.83		
SSP	SE	69	ES	2		11:23	12.99		
SSP	SN	69				11:23	14.83	12	0.15
SSP	SE	69				11:23	13.14	26	0.24
WME	SZ	70	EP	2		11:23	04.93		
HCG	SZ	75	EP	1	C	11:23	05.44		
YRC	SZ	78	EP	2		11:23	05.95		
YRH	SZ	78	EP	2		11:23	06.31		
WCB	SZ	82	EP	3		11:23	06.54		
WCB	SN	82	ES	3		11:23	16.41		
HTR	SZ	102	EP	2		11:23	10.11		
HTR	SZ	102	ES	3		11:23	21.98		
MCH	SZ	115	EP	3		11:23	12.10		
MCH	SN	115	ES	2		11:23	25.19		
MCH	SN	115				11:23	25.77	12	0.10
MCH	SE	115				11:23	25.48	10	0.15
HAE	SZ	124	EP	2		11:23	13.62		
HGH	SZ	157	EP	3		11:23	18.73		
October 22 1995		Time: 20:35 51.3 UTC				Magnitude: 1.7 ML			
Lat: 53.404N		Lon: 1.195W				Depth: 0.5 km			
Grid Ref: 453.49 kmE 390.04 kmN		RMS: 0.55 secs				Quality: D			
Locality: MALTBY, SOUTH YORKSHIRE		Comments: C/F,FELT MALTBY...				Intensity: 2+			
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
KBI	SZ	28	EP	3		20:35	57.33		
LHO	SZ	47	EP	3		20:35	59.32		
KSY	SZ	64	EP	3		20:36	02.22		
HPK	SZ	68	EP	3		20:36	02.58		
HPK	SN	68				20:36	15.51	116	0.24
HPK	SE	68				20:36	14.41	85	0.25
CWF	SZ	75	EP	3		20:36	04.35		
CWF	SN	75	ES	3		20:36	14.55		
October 23 1995		Time: 13:25 29.8 UTC				Magnitude: 1.7 ML			
Lat: 55.236N		Lon: 3.490W				Depth: 3.6 km			
Grid Ref: 305.24 kmE 594.55 kmN		RMS: 0.09 secs				Quality: B			
Locality: JOHNSTONEBRIDGE, D & G									
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
BWH	SZ	13	EP	2		13:25	32.52		
BWH	SZ	13	ES	3		13:25	34.29		
ESK	SZ	20	IP	1	C	13:25	33.61		
ESK	SN	20				13:25	37.19	113	0.18
ESK	SE	20				13:25	36.28	151	0.13
ECK	SZ	24	IP	1	C	13:25	34.29		
BHH	SZ	24	EP	2		13:25	34.25		
BHH	SE	24	ES	3		13:25	37.42		
BHH	SN	24				13:25	37.63	331	0.23
BHH	SE	24				13:25	37.35	429	0.23
BNA	SZ	31	EP	2		13:25	35.49		
BNA	SE	31	ES	2		13:25	38.97		
BBH	SZ	38	EP	2		13:25	36.73		
BBH	SE	38	EP	3		13:25	39.86		
BBO	SZ	58	EP	3		13:25	50.91	30	0.20
BBO	SE	58				13:25	49.18	28	0.21
EBL	SZ	66	EP	3		13:25	41.17		
EDI	SZ	79	EP	2		13:25	43.29		
EDI	SN	79	ES	3		13:25	52.85		
EDI	SE	79				13:25	53.92	97	0.25
EDI	SE	79				13:25	53.89	65	0.20
XDE	SZ	81	EP	3		13:25	43.66		
XSO	SZ	84	EP	3		13:25	44.23		
XAL	SZ	92	EP	2		13:25	45.38		
October 24 1995		Time: 09:37 52.8 UTC				Magnitude: 1.6 ML			
Lat: 55.230N		Lon: 3.506W				Depth: 8.1 km			
Grid Ref: 304.21 kmE 593.92 kmN		RMS: 0.18 secs				Quality: B			
Locality: JOHNSTONEBRIDGE, D & G									
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI
BWH	SZ	11	EP	2		09:37	55.59		
ESK	SZ	21	IP		C	09:37	56.87		
ESK	SN	21	ES	2		09:37	59.36		
ESK	SE	21				09:38	00.47	68	0.16
ESK	SE	21				09:37	59.55	60	0.13
BHH	SZ	24	EP	2		09:37	57.58		
BHH	SE	24	ES	2		09:38	00.56		
BHH	SN	24				09:38	00.63	149	0.24
BHH	SE	24				09:38	00.61	185	0.24
ECK	SZ	25	IP		C	09:37	57.56		
BNA	SZ	30	EP	2		09:37	58.47		
BBA	SZ	38	EP	2		09:37	59.75		
GCD	SZ	49	EP	1	C	09:38	01.33		
BBO	SZ	57	EP	3		09:38	02.76		
BDL	SZ	60	EP	2		09:38	03.47		
BTA	SN	64	ES	2		09:38			

PHASE DATA : 1995

TABLE 5 (cont'd)

ELO	SZ	151	EP	3	03:04	20.23	Magnitude: 2.1 ML	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	MOL	SZ	225			08:10	23.93	607	0.80	
November 1 1995							Time: 00:55 21.9 UTC	Lat: 53.852N	Lon: 1.093W	Grid Ref: 459.64 kmE 439.95 kmN								ODD1	SZ	228	IP	3	C	08:09	54.84		
							Depth: 0.5 km										ODD1	SZ	228	ES	3		08:10	19.56			
							RMS: 0.36 secs										ODD1	SZ	228				08:10	31.96	1399	0.40	
							Quality: C										LRW	SZ	316	EP	3		08:10	05.48			
							Intensity: 2+										LRW	SN	316	ES	3		08:10	38.70			
																	LRW	SE	316				08:10	44.71	27	0.17	
																	SAN	SZ	326	EP	3		08:10	42.62	28	0.13	
																	SAN	SZ	326	ES	3		08:10	06.37			
																	WAL	SZ	330	EP	2		08:10	40.72			
																	WAL	SN	330	ES	3		08:10	07.17			
																	MVH	SZ	605	ES	3		08:11	42.08			
																	MME	SZ	607	ES	3		08:11	40.79			
																							40.93				
																	November 26 1995										
				</td																							

PHASE DATA : 1995

TABLE 5 (cont'd)

LHO	SZ	30	EP	3	04:44	04.59		PGB	SZ	70	EP	2	07:49	14.25						
LHO	SZ	30	ES	3	04:44	09.27		PGB	SE	70	ES	2	07:49	22.77						
HPK	SE	36	ES	3	04:44	10.96		PGB	SN	70			07:49	22.95						
HPK	SN	36			04:44	20.31	31	0.22	PGB	SE	70			07:49	23.95					
HPK	SE	36			04:44	19.41	20	0.26	PCO	SZ	82	EP	2	07:49	16.25					
LMK	SZ	77	EP	3	04:44	12.39		ELO	SZ	106	EP	2	07:49	19.77						
LRN	SZ	88	EP	3	04:44	14.00		EBH	SZ	115	EP	3	07:49	21.27						
LWH	SZ	91	EP	3	04:44	14.43														
December 13 1995		Time: 14:06 43.9 UTC			Magnitude: 1.2 ML			December 27 1995		Time: 06:00 45.0 UTC			Magnitude: 1.8 ML							
Lat: 53.270N		Lon: 1.836W			Depth: 0.5 km			Lat: 59.562N		Lon: 0.327E			Depth: 15.0 km							
Grid Ref: 410.95 kmE 374.84 kmN		RMS: 0.18 secs			Quality: C			Grid Ref: 531.47 kmE 1077.41 kmN		RMS: 0.07 secs			Quality: D							
Locality: BUXTON, DERBYSHIRE								Locality: NORTHERN NORTH SEA												
Comments: COLLAPSE TYPE																				
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	
KBI	SZ	21	EP	2		14:06	48.15			SAN	SZ	102	EP	3		06:01	01.26			
KBI	SZ	21	ES	3		14:06	51.57			SAN	SZ	102	ES	3		06:01	12.95			
KBI	SZ	21				14:06	53.23	29	0.17	LRW	SZ	106	EP	3		06:01	01.81			
KWE	SZ	28	EP	2		14:06	49.35			LRW	SE	106	ES	3		06:01	14.20			
KWE	SZ	28	ES	3		14:06	53.85			LRW	SN	106				06:01	16.45	18	0.11	
KWE	SZ	28				14:06	54.52	18	0.22	LRW	SE	106				06:01	15.74	19	0.14	
LHO	SZ	31	EP	1		14:06	49.96			WAL	SZ	133	EP	3		06:01	05.69			
LHO	SZ	31	ES	3		14:06	54.79													
HPK	SN	78	ES	3		14:07	07.20													
HPK	SN	78				14:07	09.22	27	0.18											
HPK	SE	78				14:07	12.90	34	0.17											
December 14 1995		Time: 14:00 4.3 UTC			Magnitude: 1.3 ML			December 31 1995		Time: 02:26 29.5 UTC			Magnitude: 0.6 ML							
Lat: 56.144N		Lon: 3.717W			Depth: 0.2 km			Lat: 57.477N		Lon: 5.365W			Depth: 1.9 km							
Grid Ref: 293.31 kmE 695.95 kmN		RMS: 0.06 secs			Quality: B			Grid Ref: 198.28 kmE 847.94 kmN		RMS: 0.06 secs			Quality: C							
Locality: CLACKMANNAN, CENTRAL								Locality: BALNACRA, HIGHLAND												
Comments: C/F,FELT CLACKMANNAN																				
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	
EBH	SZ	17	EP	1	D	14:00	08.11			KAC	SZ	5	IP	1	C	02:26	30.78			
EBH	SZ	17	ES	3		14:00	10.96			KPL	SZ	23	IP	1	D	02:26	34.06			
PCO	SZ	29	EP	2		14:00	10.25			KPL	SN	23	ES	2		02:26	37.18			
ELO	SZ	36	EP	2		14:00	11.37			KPL	SN	23				02:26	37.41	24	0.14	
EAU	SZ	37	EP	2		14:00	11.52			KPL	SE	23				02:26	37.57	17	0.08	
EAB	SZ	39	EP	2		14:00	11.69			KS B	SZ	30	EP	2		02:26	35.28			
EDI	SZ	41	EP	1	D	14:00	12.15			KS B	SZ	30	ES	2		02:26	39.21			
EDI	SE	41	ES	3		14:00	17.92													
EDI	SN	41				14:00	18.55	31	0.36											
EDI	SE	41				14:00	19.17	32	0.46											
EBL	SZ	59	EP	2		14:00	14.96													
December 16 1995		Time: 21:19 34.5 UTC			Magnitude: 0.5 ML			December 18 1995		Time: 15:21 46.0 UTC			Magnitude: 0.9 ML							
Lat: 49.073N		Lon: 1.768W			Depth: 5.8 km			Lat: 52.414N		Lon: 2.802W			Depth: 14.4 km							
Grid Ref: 416.94 kmE -91.88 kmN		RMS: 0.05 secs			Quality: D			Grid Ref: 345.45 kmE 279.86 kmN		RMS: 0.09 secs			Quality: C							
Comments: 25KM SE OF JERSEY																				
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	
JQE	SZ	24	EP	1		21:19	39.15			HLM	SZ	13	IP	1	D	15:21	49.23			
JQE	SZ	24	ES	3		21:19	42.35			SSP	SZ	21	IP	1	C	15:21	50.47			
JRS	SZ	27	EP	1		21:19	39.61			SSP	SN	21				15:21	53.58			
JRS	SN	27	ES	3		21:19	43.41			SSP	SN	21				15:21	53.62	33	0.18	
JRS	SN	27				21:19				SSP	SE	21				15:21	53.64	16	0.15	
JRS	SE	27				21:19				HAE	SZ	45	EP	2		15:21	54.26			
JLP	SZ	31	EP	1	D	21:19	40.22			MCH	SZ	48	EP	2		15:21	54.44			
JLP	SZ	31	ES	3		21:19	44.39			MCH	SN	48	EP	2		15:22	00.61			
JSA	SZ	32	EP	1		21:19	40.38			MCH	SN	48				15:22	00.79	13	0.09	
December 18 1995		Time: 15:21 46.0 UTC			Magnitude: 0.9 ML			December 23 1995		Time: 07:49 2.4 UTC			Magnitude: 1.4 ML							
Lat: 52.414N		Lon: 2.802W			Depth: 14.4 km			Lat: 56.203N		Lon: 5.360W			Depth: 7.1 km							
Grid Ref: 345.45 kmE 279.86 kmN		RMS: 0.09 secs			Quality: D			Grid Ref: 191.63 kmE 706.26 kmN		RMS: 0.09 secs			Quality: D							
Comments: 6KM NW OF LUDLOW																				
STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	
HLM	SZ	13	IP	1	D	15:21	49.23			PMS	SZ	55	EP	3		07:49	11.78			
SSP	SZ	21	IP	1	C	15:21	50.47			EAB	SZ	63	IP	1	C	07:49	13.03			
SSP	SN	21	ES	2		15:21	53.58			EAB	SZ	63	ES	2		07:49	20.93			
SSP	SN	21				15:21	53.62	33	0.18											
SSP	SE	21				15:21	53.64	16	0.15											
HAE	SZ	45	EP	2		15:21	54.26													
MCH	SZ	48	EP	2		15:21	54.44													
MCH	SN	48	ES	2		15:22	00.61													
MCH	SN	48				15:22	00.79	13	0.09											
MCH	SE	48				15:22	00.79	16	0.10											
HTR	SZ	49	IP	1	D	15:21	54.71													
HCG	SZ	59	IP	1	C	15:21	56.15													
SBD	SZ	63	EP	3		15:21	56.87													
December 23 1995		Time: 07:49 2.4 UTC			Magnitude: 1.4 ML			December 23 1995		Time: 07:49 2.4 UTC										

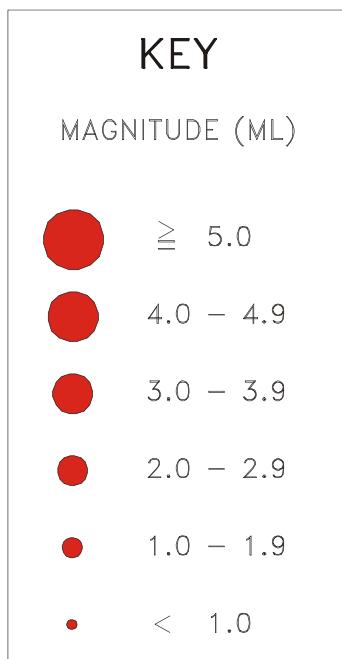
TABLE 6
DEPTH/CRUSTAL VELOCITY MODELS

TABLE 6

Depth / crustal velocity models used in earthquake locations

Structural area	Depth to top of layer (km)	P-wave velocity (km/sec)	Vp/Vs
North Sea	0.00	6.20	1.73
	12.00	6.50	
	23.00	7.10	
	31.00	8.05	
Lownet and general UK	0.00	4.00	1.73
	2.52	5.90	
	7.55	6.45	
	18.87	7.00	
	34.15	8.00	
Borders	0.00	4.10	1.71
	3.00	5.60	
	4.10	6.15	
	17.00	6.60	
	30.00	8.00	
North Wales (Lleyn)	0.00	5.40	1.68
	2.00	6.05	
	13.00	6.50	
	25.00	6.80	
	34.00	8.00	
Mid Wales	0.00	5.40	1.72
	3.80	6.05	
	15.50	6.65	
	34.30	8.00	
Cornwall	0.00	5.50	1.77
	0.30	5.76	
	15.00	6.90	
	30.00	8.00	

FIGURES 1 TO 5



KEY TO EPICENTRE MAPS, FIGURES 3 TO 5

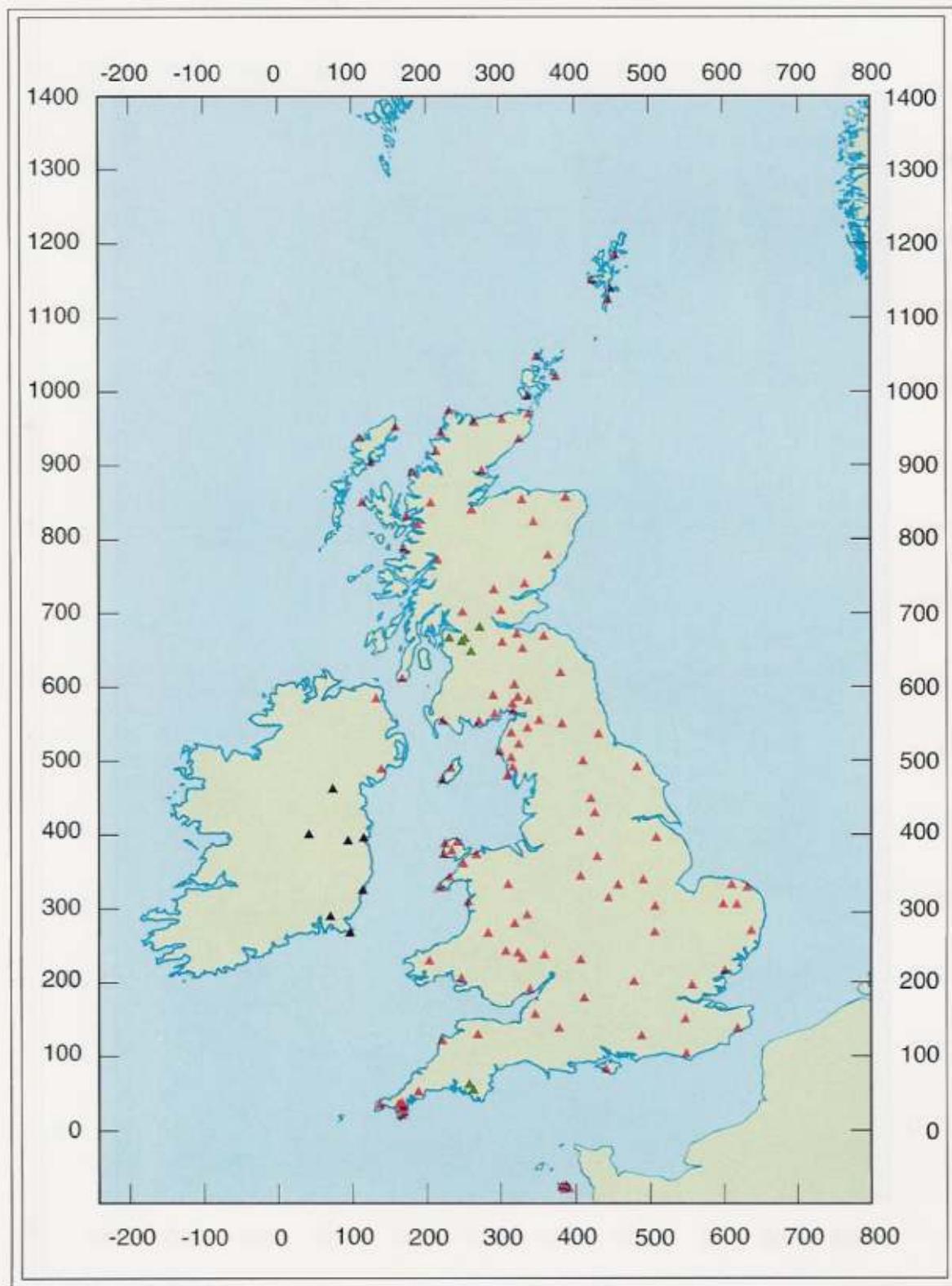


Figure 1. Seismograph network operational in December 1995. Colour coding shows the rapid access stations (red), standard stations (green) and DIAS stations (black).

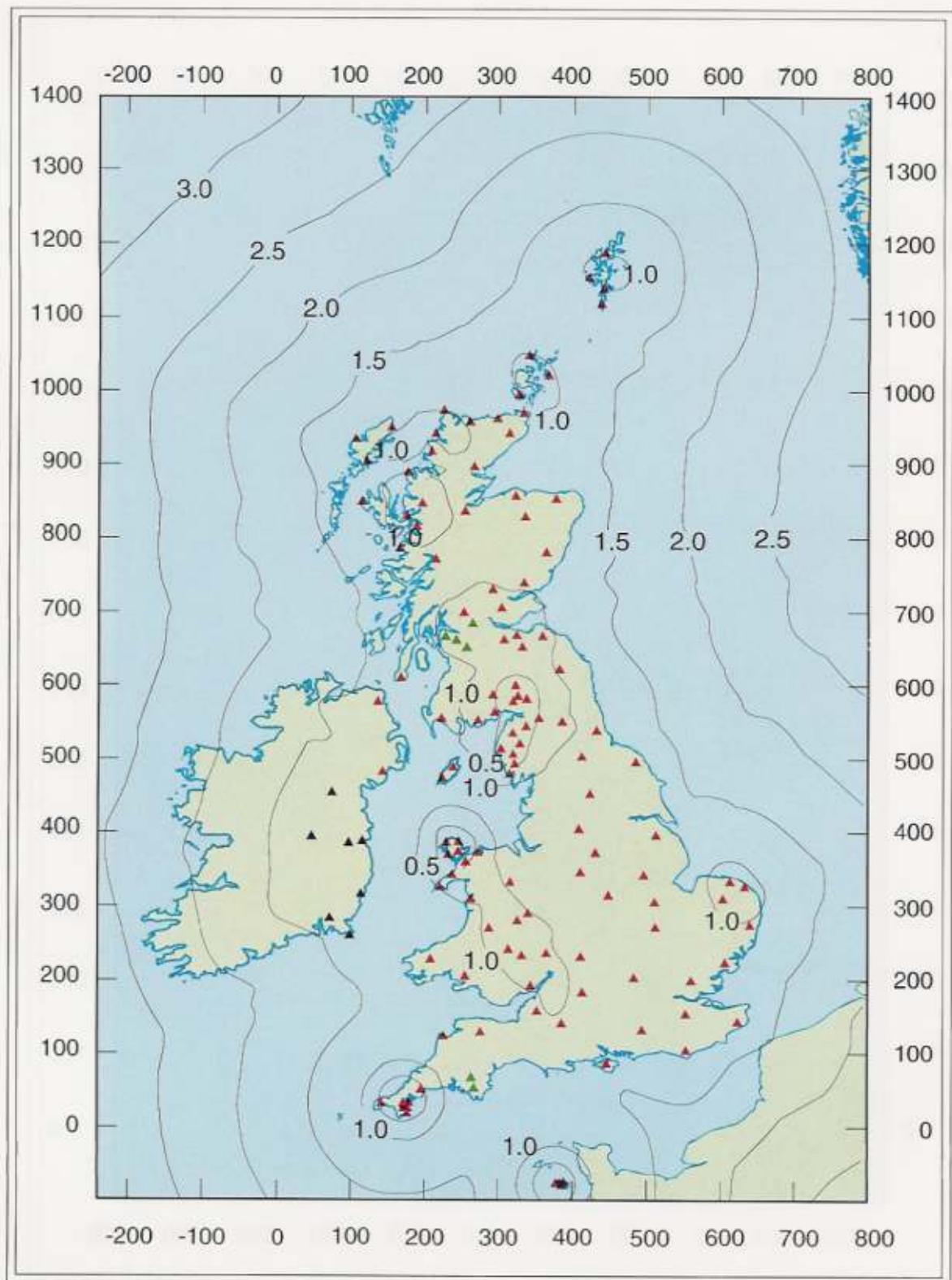


Figure 2. Earthquake detection capability in December 1995. Contour values are Richter local magnitude (ML) for 4 nanometres of noise (average) and S-wave amplitudes twice that at the fourth nearest station.

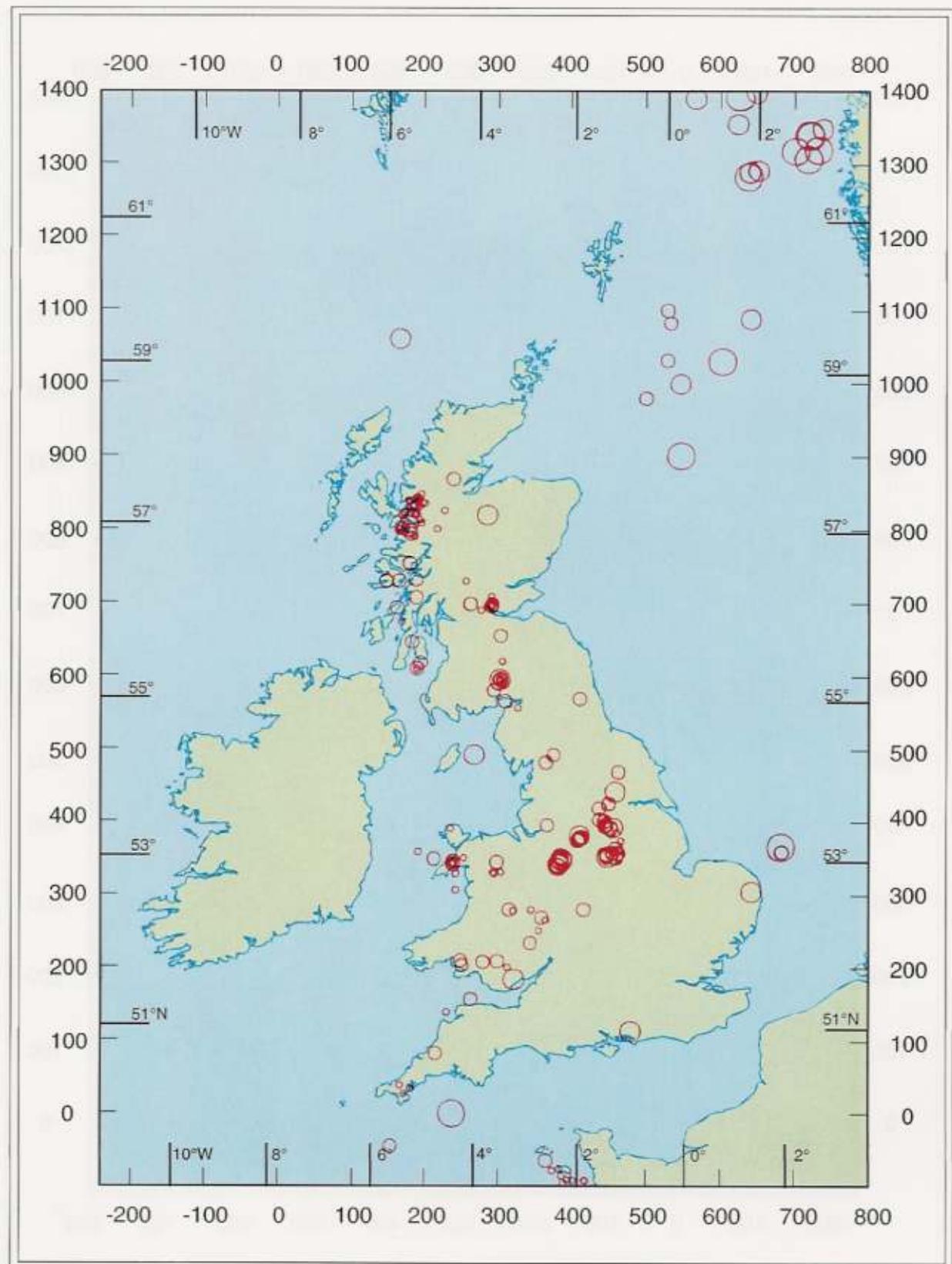


Figure 3. Epicentres of all UK earthquakes located in 1995.

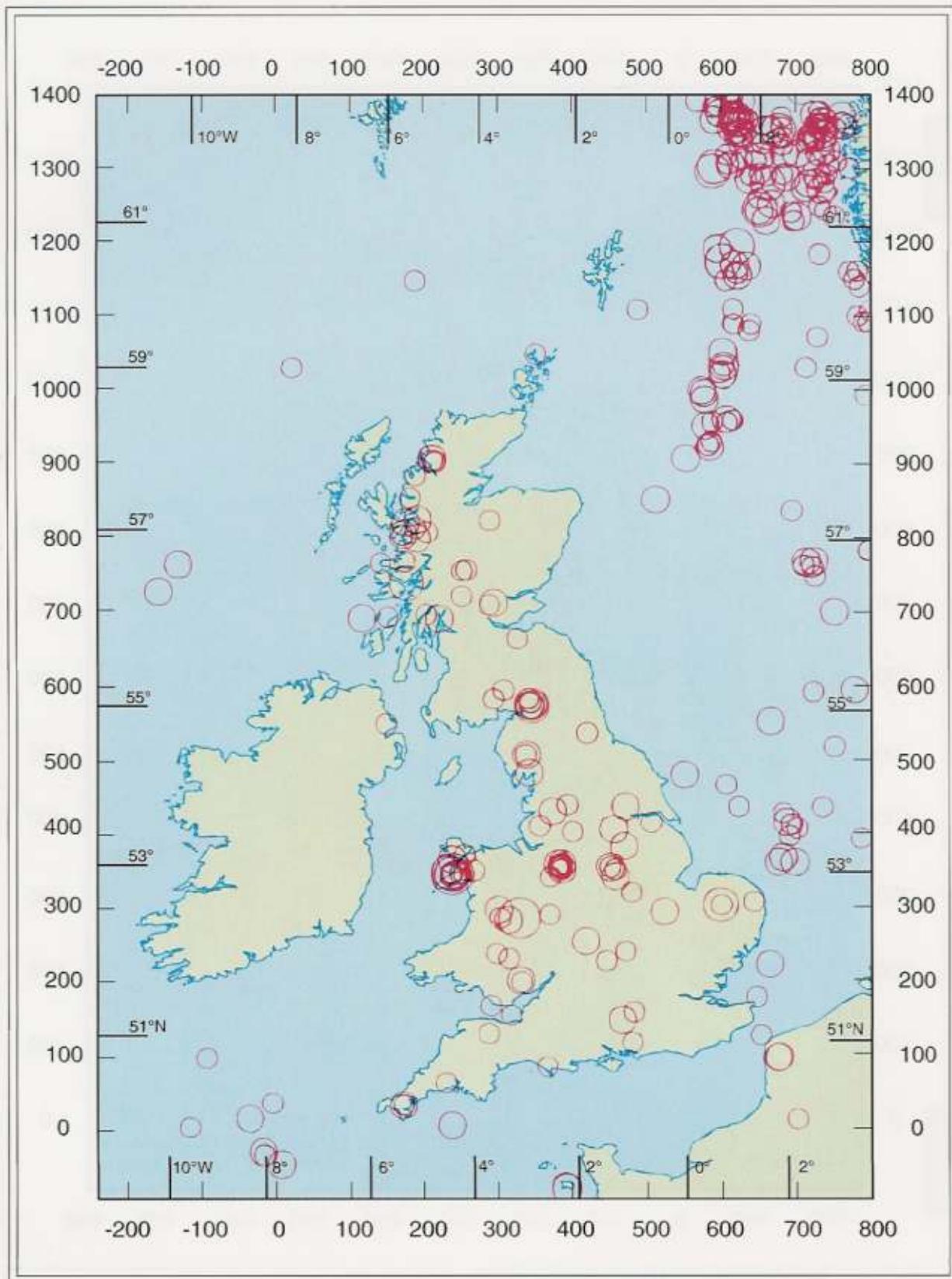


Figure 4. Epicentres of earthquakes with magnitudes 2.5 ML or greater, for the period 1979 to 1995.

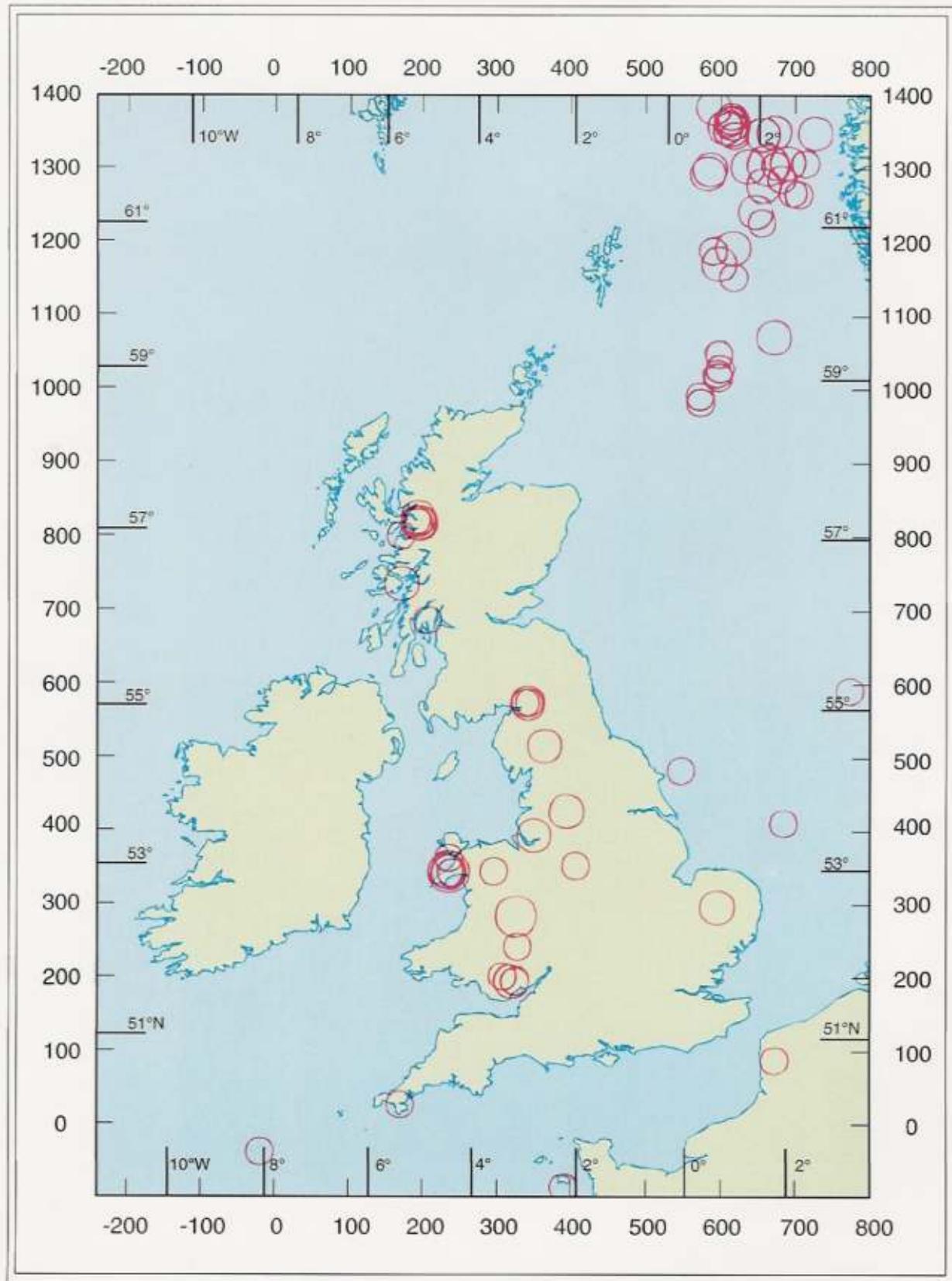


Figure 5. Epicentres of earthquakes with magnitudes 3.5 ML or greater, for the period 1970 to 1995.

APPENDIX A

SIGNIFICANT EARTHQUAKES IN 1995

APPENDIX A1

AVIEMORE EARTHQUAKE, 28 AUGUST 1995

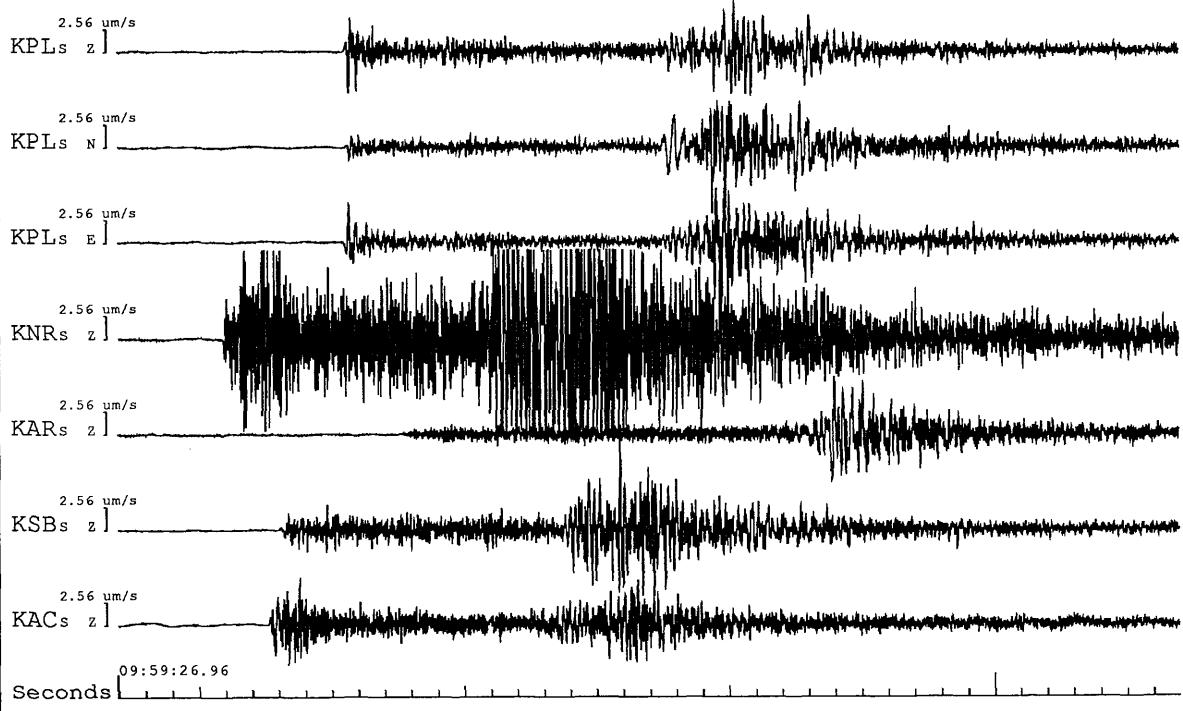
PARAMETERS

Date:	28 August 1995
Origin Time:	09:59 17.5 UTC
Latitude and longitude:	57.25° N 3.86° W
Grid Reference:	287.9 km E 818.8 km N
Depth:	7.6 km
Magnitude:	2.7 ML
Hypo Solution Quality:	C (B*C)
Epicentral Error (1 std. dev.):	1.5 km
Depth Error (1 std. dev.):	4.6 km

Discussion

Near Avimore, Highlands, on 28 August 1995 an earthquake with a magnitude of 2.7 ML was felt by local residents in Boat of Garten, Aviemore, Grantown-on-Spey, Carrbridge and many other surrounding villages. Felt reports described "a bang, a rumble, the building shaking" and one person reported that "ornaments moved and glasses shook"; a few reports of minor damage were also received. The earthquake was felt over 1300 km² and located in an area where no previous seismicity had been recorded. A macroseismic survey throughout the region showed that it was felt in the epicentral area with a maximum intensity of 4 EMS.

AVIEMORE, HIGHLAND 28 AUGUST 1995 09:59 UTC 2.7 ML



AVIEMORE, HIGHLAND 28 AUGUST 1995 09:59 UTC 2.7 ML

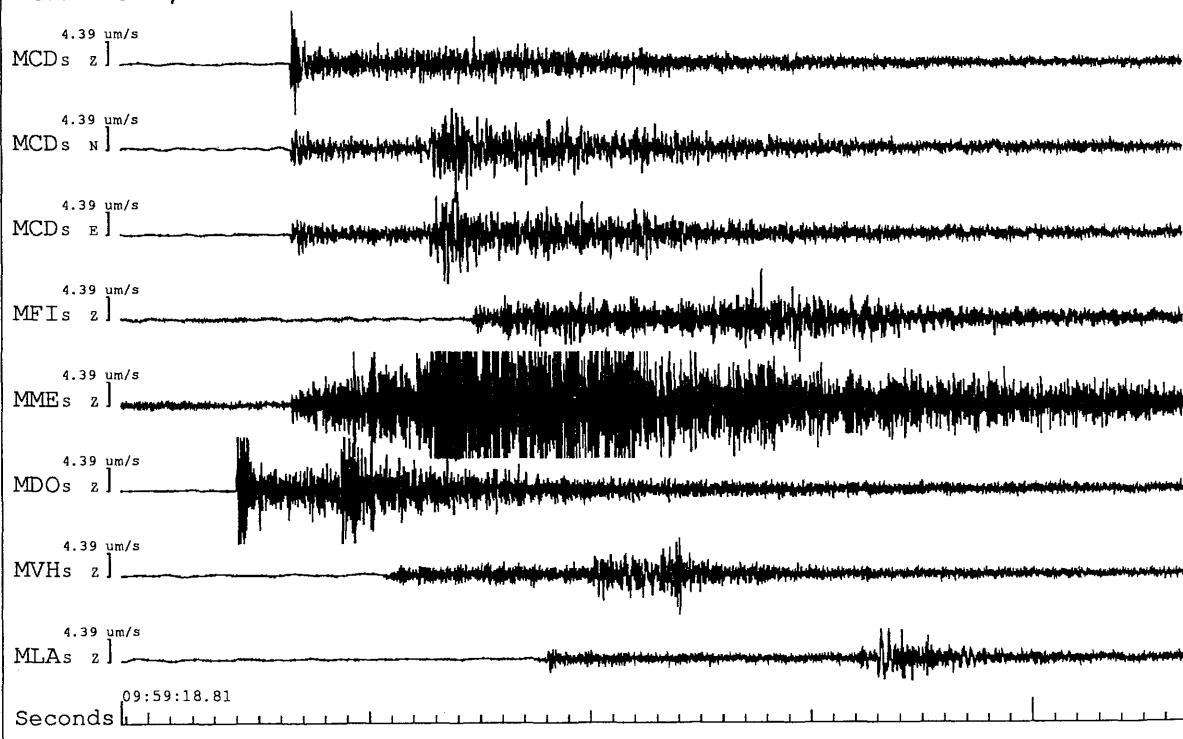


Figure A1.1. Seismograms of the Aviemore earthquake 28 August 1995 09:59 UTC 2.7 ML recorded on the Kyle and Moray networks.

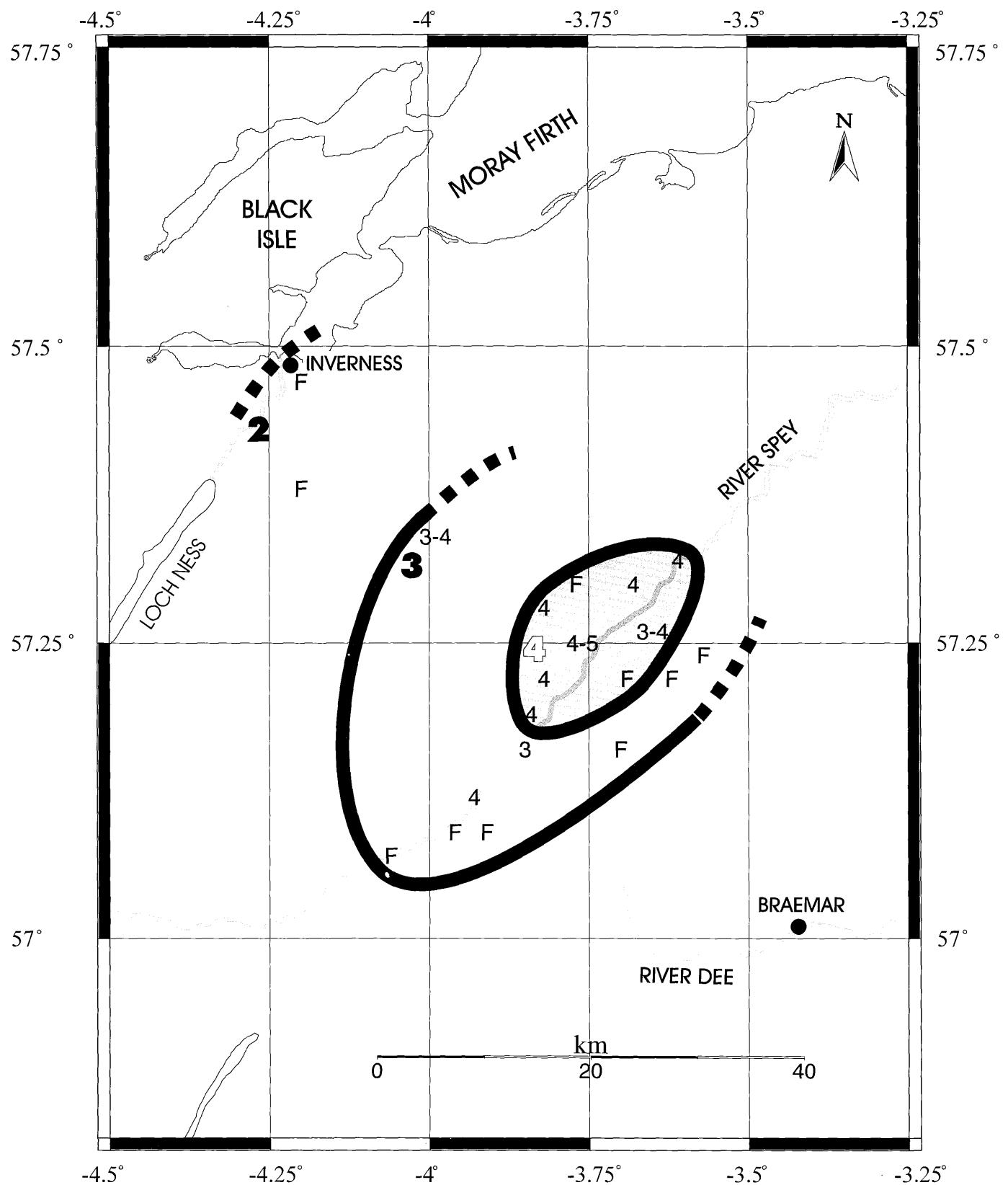


Figure A1.2. Aviemore Earthquake 28th August 1995, 09:59 UTC (2.7 ML) -EMS Intensities

APPENDIX A2

STOKE-ON-TRENT EARTHQUAKE, 20 FEBRUARY 1995

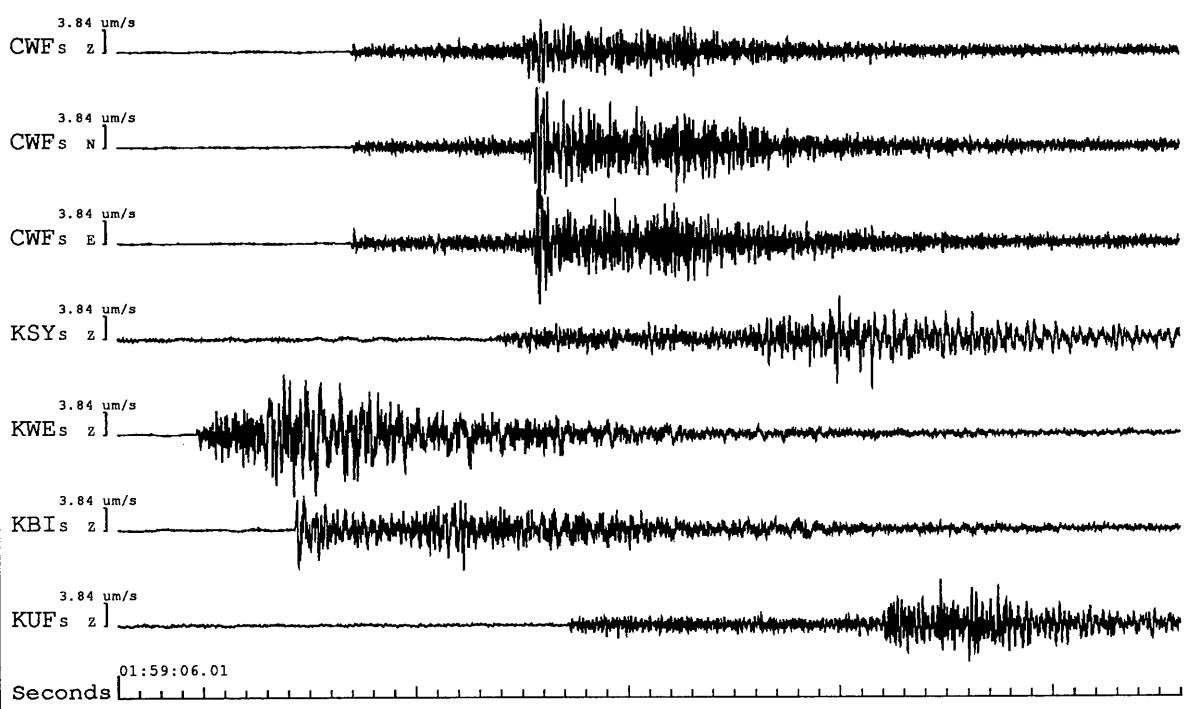
PARAMETERS

Date:	20 February 1995
Origin Time:	01:59 05.2 UTC
Latitude and longitude:	53.03° N 2.20° W
Grid Reference:	386.7 km E 348.8 km N
Depth:	3.0 km
Magnitude:	2.5 ML
Hypo Solution Quality:	B (A*C)
Epicentral Error (1 std. dev.):	1.1 km
Depth Error (1 std. dev.):	2.8 km

Discussion

A swarm of earthquakes was located in the Stoke-on-Trent area in February. They had magnitudes ranging between 1.6 and 2.5 ML and six were felt by local residents. The largest (magnitude 2.5 ML) was felt throughout the Stoke-on-Trent area, with intensities of at least 4 EMS in the epicentral area. From the available data (nearest station some 25 km away), many of these events had characteristics typical of natural earthquakes but with some showing characteristics typical of mining-induced earthquakes. Similar swarms in the area were detected in the mid 1970's, early 1980's and early 1990's.

STOKE-ON-TRENT 20 FEBRUARY 1995 01:59 UTC 2.5 ML



STOKE-ON-TRENT 20 FEBRUARY 1995 01:59 UTC 2.5 ML

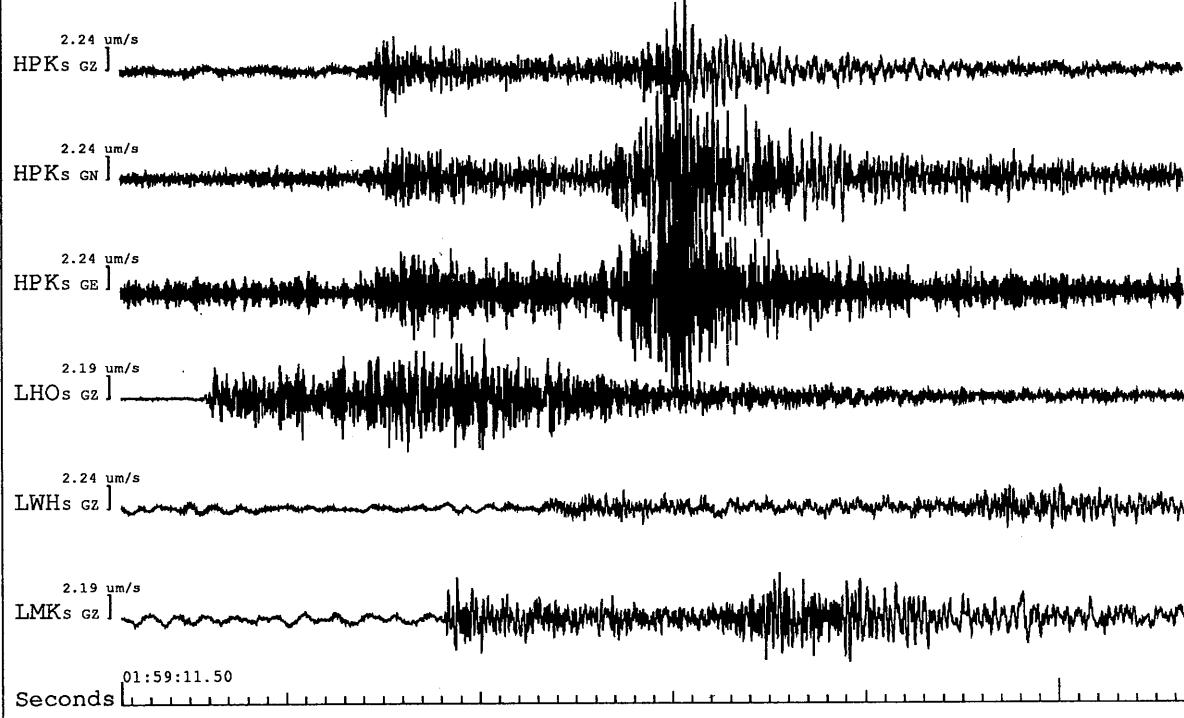


Figure A2.1. Seismograms of the Stoke-on-Trent earthquake 20 February 1995 01:59 UTC 2.5 ML recorded on the Keyworth and Leeds networks.

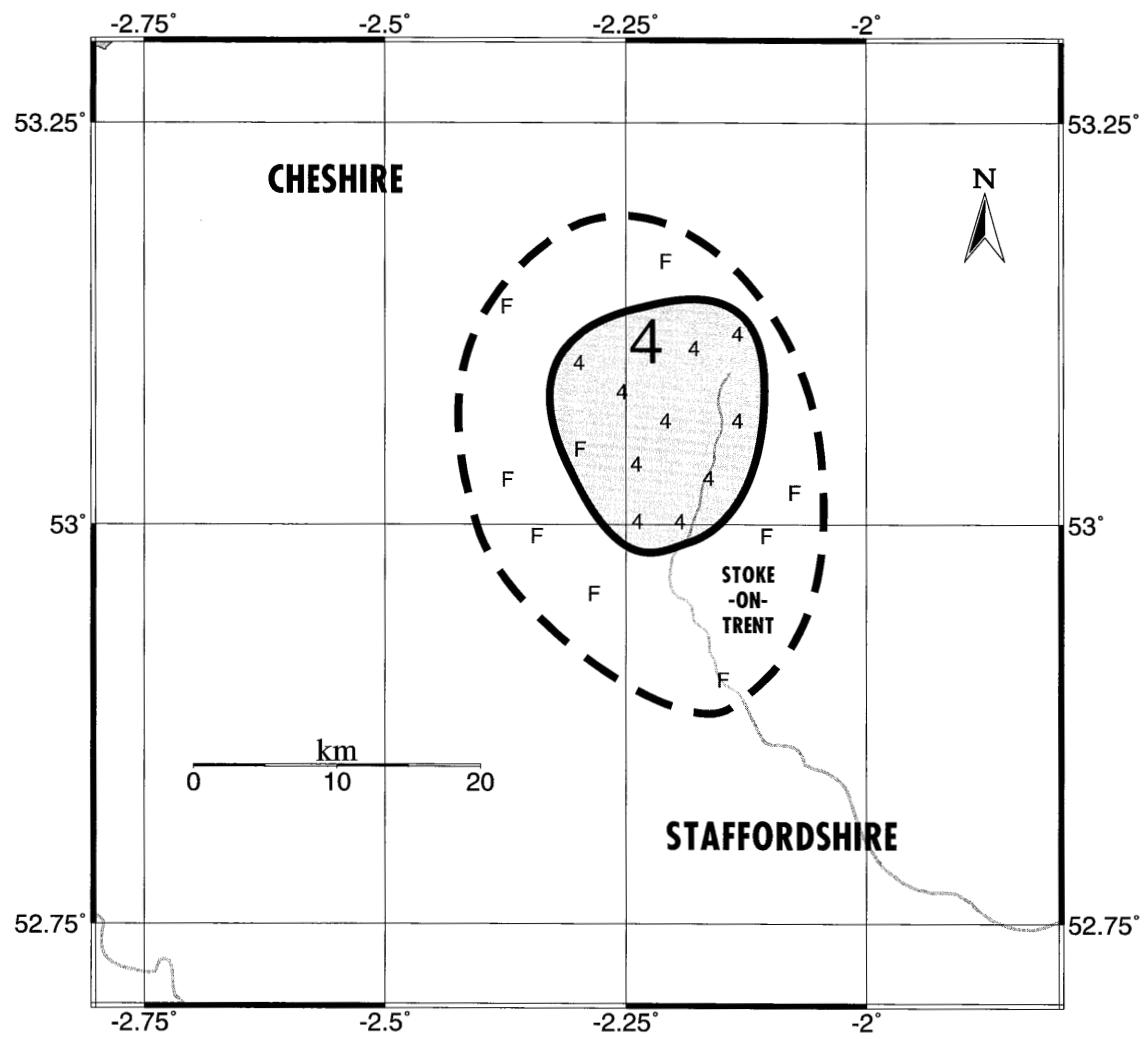


Figure A2.2. Stoke-on-Trent Earthquake 20th February 1995, 01:59 UTC
(2.5ML) - EMS Intensities

APPENDIX B

EARTHQUAKE INFORMATION CHARGES

APPENDIX B

SUMMARY OF CHARGES FOR DATABASE ENQUIRIES	COST (£)
A search of the instrumental database producing a catalogue list, a map of the seismicity, a key to the abbreviations and a covering letter.	£150.00 + VAT
A search of the historical database producing a catalogue list, a map of the seismicity, a key to the abbreviations and a covering letter.	£150.00 + VAT
A combined search of both the historical and instrumental database providing the above for both the historical and instrumental seismicity.	£275.00 + VAT
An enquiry involving searching data tapes for specific events. £70.00 for first hour and £35.00 for each additional ½ hour. Note: charges can be waived for the public, media and schools.	£70.00 + VAT
A search and interpretation of raw macroseismic data (felt reports) for a specific region for an individual earthquake.	£90.00 + VAT

For more information on the above and other services available please contact Ms A B Walker at the Global Seismology Research Group, Murchison House, West Mains Road, Edinburgh, EH9 3LA.

BULLETIN OF BRITISH EARTHQUAKES: PRICE LIST

Burton, P.W. and Neilson, G., 1980. Annual catalogues of British earthquakes recorded on LOWNET (1967-1978). Inst.Geol.Sci. Seismological bulletin No.7.	£3 + pp
Turbitt, T., et al., 1984. Catalogue of British earthquakes recorded by the BGS seismograph network 1979, 1980, 1981. BGS Global Seismology Report No. 210.	£11 + pp
Turbitt, T., et al., 1985. Catalogue of British Earthquakes recorded by the BGS Seismograph Network 1982, 1983, 1984. BGS Global Seismology Report No. 260.	£15 + pp
Turbitt, T., et al., 1987. Bulletin of British Earthquakes 1985. BGS Global Seismology Report No. 303.	£10 + pp
Turbitt, T., et al., 1988. Bulletin of British Earthquakes 1986. BGS Global Seismology Report No. WL/88/11.	£10 + pp
Turbitt, T., et al., 1989. Bulletin of British Earthquakes 1987. BGS Global Seismology Report No. WL/89/09.	£10 + pp
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BULLETIN OF BRITISH EARTHQUAKES: PRICE LIST	COST (£)
Turbitt, T., et al., 1990. Bulletin of British Earthquakes 1989. BGS Global Seismology Report No. WL/90/49	£12.50 + pp
Turbitt, T., et al., 1991. Bulletin of British Earthquakes 1990. BGS Global Seismology Report No. WL/91/34.	£12.50 + pp
Turbitt, T., et al., 1992. Bulletin of British Earthquakes 1991. BGS Global Seismology Report No. WL/92/29.	£12.50 + pp
Walker, A.B., et al., 1993. Bulletin of British Earthquakes 1992. BGS Global Seismology Report No. WL/93/11.	£12.50 + pp
Musson, R.M.W., 1994. A Catalogue of British earthquakes. BGS Global Seismology Report No. WL/94/04.	£15.00 + pp
Walker, A.B., et al., 1994. Bulletin of British Earthquakes 1993. BGS Global Seismology Report No. WL/94/09.	£12.50 + pp
Walker, A.B., et al., 1995. Bulletin of British Earthquakes 1994. BGS Global Seismology Report No. WL/95/04.	£12.50 + pp

A complete list of Seismology group publications can be obtained by writing to the secretary at the Global Seismology Research Group, Murchison House, West Mains Road, Edinburgh, EH9 3LA.

APPENDIX C
EUROPEAN MACROSEISMIC SCALE (EMS 92)

APPENDIX C

SYNOPSIS OF EMS-92 INTENSITY SCALE

1 - Not felt

Not felt, even under the most favourable circumstances.

2 - Scarcely felt

Vibration is felt only by individual people at rest in houses, especially on upper floors of buildings.

3 - Weak

The vibration is weak and is felt indoors by a few people. People at rest feel a swaying or light trembling.

4 - Largely observed

The earthquake is felt indoors by many people, outdoors by very few. A few people are awakened. The level of vibration is not frightening. Windows, doors and dishes rattle. Hanging objects swing.

5 - Strong

The earthquake is felt indoors by most, outdoors by few. Many sleeping people awake. A few run outdoors. Buildings tremble throughout. Hanging objects swing considerably. China and glasses clatter together. The vibration is strong. Top heavy objects topple over. Doors and windows swing open or shut.

6 - Slightly damaging

Felt by most indoors and by many outdoors. Many people in buildings are frightened and run outdoors. Small objects fall. Slight damage to many ordinary buildings eg; fine cracks in plaster and small pieces of plaster fall.

7 - Damaging

Most people are frightened and run outdoors. Furniture is shifted and objects fall from shelves in large numbers. Many ordinary buildings suffer moderate damage: small cracks in walls; partial collapse of chimneys.

8 - Heavily damaging

Furniture may be overturned. Many ordinary buildings suffer damage: chimneys fall; large cracks appear in walls and a few buildings may partially collapse.

9 - Destructive

Monuments and columns fall or are twisted. Many ordinary buildings partially collapse and a few collapse completely.

10 - Very destructive

Many ordinary buildings collapse.

11 - Devastating

Most ordinary buildings collapse.

12 - Completely devastating

Practically all structures above and below ground are heavily damaged or destroyed.

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A complete description of the EMS-92 scale is given in:

Grunthal, G., (Ed) 1993. European Macroseismic scale 1992 (up-dated MSK-scale). Cahiers du Centre European de Geodynamique et de Seismologie. Vol 7.



Aviemore Earthquake 28th August 1995, 09:59 UTC (2.7 ML) - EMS Intensities