SEISMOLOGICAL BULLETIN 1972

OF THE SEISMOLOGICAL STATIONS OF THE FEDERAL REPUBLIC OF GERMANY

BNS, BOC, BRL, BRN, BUH, FEL, FUR, GRF, HAM, HEI, HLG, HOF, KRL, MSG, MSS, RAV, STU, TNS.

Edited by
SEISMOLOGICAL CENTRALOBSERVATORY GRAEFENBERG
ERLANGEN 1974

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Introduction

The compilation of this bulletin was performed by means of two data files of punched cards: a "Hypocenter Data File" and a "Station Data File".

The "Hypocenter Data File" is made up from the NOS Preliminary Determination of Epicenters in form of punched cards, from the BCIS Détermination Préliminaire and from data reported by German stations and institutions about local earthquakes and commercial explosions, which are punched on cards with NOS format.

The station data file includes the seismogram readings of the German stations on punched cards. Each contributor has correlated his readings to the quarterly issued hypocenter-list of the Central Observatory Gräfenberg. Phase identification is also made by the contributors.

Each data file had to pass several control programs for formal errors. The station data are subsequently delivered to the International Seismological Center in Edinburgh. For this purpose they were translated into ISC-format.

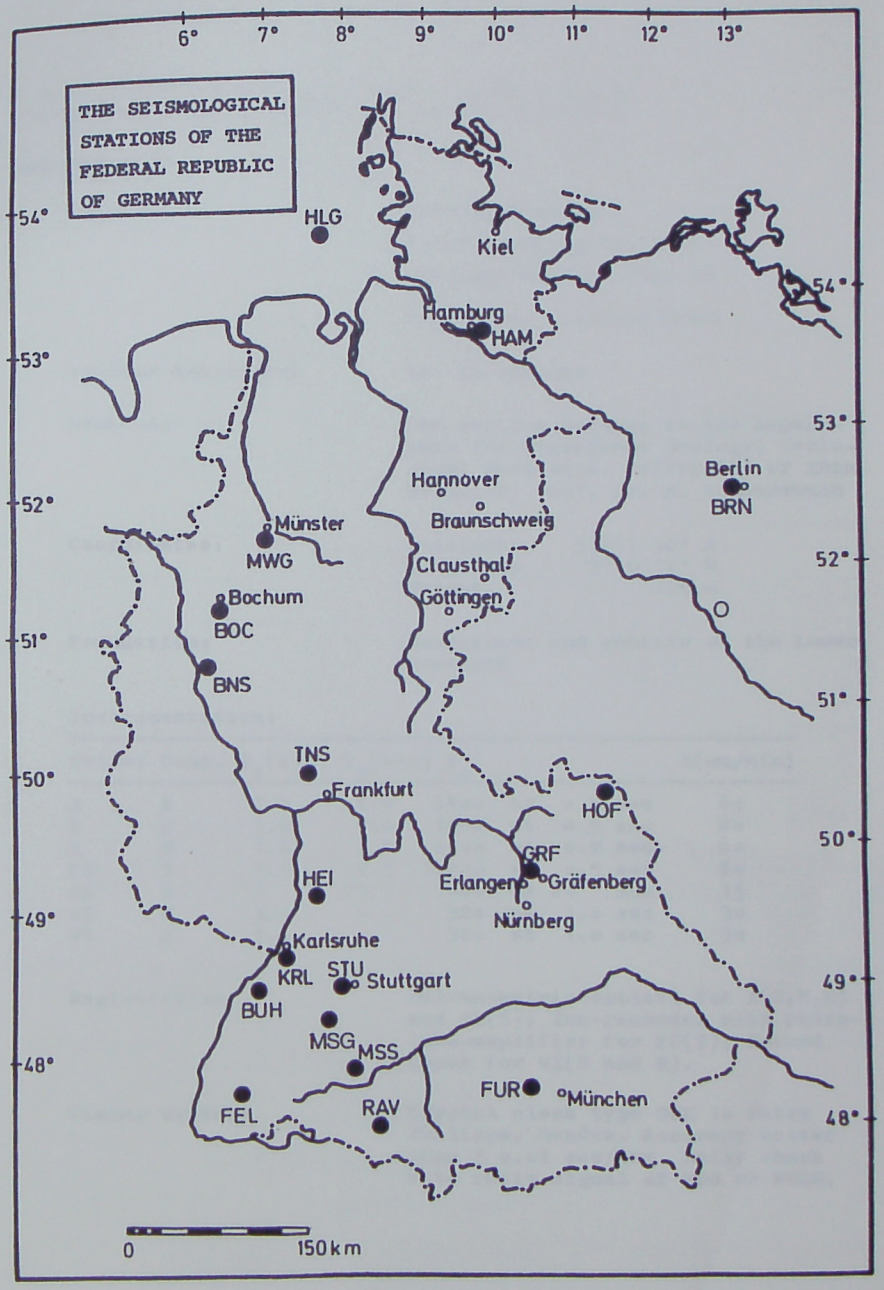
Both data sets, the "Hypocenter Data File" and the "Station Data File" are stored on computer tape and can be made available on request. Demands for seismograms should be addressed directly to the stations.

Data acquisition and data processing were performed at the computer center of the University Erlangen-Nürnberg.

The funds for producing and publishing are provided by the Bundesanstalt für Bodenforschung, Hannover.

Erlangen, November 1974

H. Aichele



The Contributing Stations

BNS BENSBERG

Address: Erdbebenstation
D-506 Bensberg bei Köln
Vinzenz-Pallotti-Str. 26
Telephone: (02204) 81343

Routine Analysing: Dr. L. Ahorner

Remarks: The station belongs to the Department for Earthquake Geology, Geological Institute, University of Köln
Director: Prof. Dr. M. Schwarzbach

Coordinates:

Latitude	50°57'50" N
Longitude	7°10'32" E
Height	200 m

Foundation: Sandstones and schists of the Lower Devonian

Instrumentation:

Seism.	Comp.	T_s(sec)	T_g(sec)	V_m				R(mm/min)
X	Z	1.4	1.4	6400	at	0.9	sec	60
X	N	1.4	1.4	5900	at	0.9	sec	60
X	E	1.4	1.4	6100	at	0.9	sec	60
FS	Z	0.5	2.5	50000	at	0.5	sec	60
SL	Z	15	75	1000	at	20	sec	15
WI	N	3.0	-	320	at	1.0	sec	30
WI	E	3.0	-	320	at	1.0	sec	30

Registration: Galvanometric-optical for X(Z,N,E) and SL(Z); Ink-recorder with photo-tube-amplifier for FS(Z); Smoked paper for WI(N and E).

Timing System: Crystal clock type GCK 10 Patek Philippe, Genève. Accuracy better than ± 0.01 sec/day. Daily check with radio signal of HBG or NWDR.

BOC BOCHUM

Address: Institut für Geophysik, Schwingungs- und Schalltechnik der Westfälischen Berggewerkschaftskasse
D-463 Bochum
Herner Str. 45

Telephone: (02321) 6251

Routine Analysing: Dipl.-Geophys. Rüter and Ing. grad. Schomann

Coordinates:
Latitude 51°29'22" N
Longitude 7°12'50" E
Height 64 m

Foundation: 25 metres marly sandstone of Upper Cretaceous (flat).
2200 metres slateclay of Upper Carbonic (folded).

Instrumentation: Displacement pick-up B4 (Baule-Hottinger)

Seism.	Comp.	T_s (sec)	V
B4	Z	0.5	3000 ± 100 > 2 Hz
B4	N	1.0	3000 ± 100 > 1 Hz
B4	E	1.0	3000 ± 100 > 1 Hz

Registration: Pigment recorder and on magnetic tape with width modulated pulses. Events are stored on tape.

Timing System: Time marks from crystal clock. Two daily checks with radio signal of Deutsches Hydrographisches Institut. Time correction is held less than 1/10 sec.

BRL BERLIN

BRN BERLIN

Station closed on March 28, 1972

Address: Institut für Meteorologie und Geophysik der Freien Universität Berlin
D-1 Berlin 33
Rheinbabenallee 49

Telephone: (030) 8381971

Telex: 01 83188

Routine Analysing: Dipl.-Geophys. P. Roewer and cand. geophys. H.-M. Behrendt

Coordinates:
Latitude 52°25'07.5" N
Longitude 13°12'11.2" E
Height 45 m

Foundation: About 145 m pleistozaen over about 70 m tertiaer (middle oligozaen) more than 3000 m mesozoikum and perum.

Instrumentation:

Seism.	Comp.	T_s (sec)	V	R (mm/min)
ET	Z	5.0	-	60
ET	N	5.0	-	60
ET	E	5.0	-	60

Remark: Varying magnification, accurate value on request.

Registration: Ink recorder

Timing System: Crystal clock type Rohde und Schwarz CAQ. Daily check and comparison with Radio Potsdam.

BUH BÜHLERHÖHE

Address: Geophysikalisches Institut der Universität Fridericiana
D-75 Karlsruhe 21
Hertzstr. 16

Telephone: (0721) 6084443

Telex: 07 825740

Routine Analysing: Dipl.-Geophys. K. Bonjer

Coordinates:
Latitude 48°40'32" N
Longitude 8°13'42" E
Height 750 m

Foundation: Granite of the Black Forest (Schwarzwald)

Instrumentation:

Seism.	Comp.	T_s (sec)	V	R (mm/min)
GT	Z	2.0	25-50K at 1 Hz	120
GT	N	2.0	25-50K at 1 Hz	120
GT	E	2.0	25-50K at 1 Hz	120

Remark: Varying magnification, accurate value on request.

Registration: Ink recorder

Timing System: Crystal clock type GCZK24E Patek Philippe, Genève. Daily check and comparison with radio signal of HBG, Switzerland.
Accuracy ± 0.1 sec absolute.

FEL FELDBERG (Schwarzwald) see STU

FUR FÜRSTENFELDBRUCK

Address: Geophysikalisches Observatorium
der Universität München
D-808 Fürstenfeldbruck
Ludwigshöhe 8

Telephone: (08141) 92470

Routine Analysing: Prof. Dr. O. Förtsch

Remarks: The Earthquake Observatory is a part of the Geophysical Observatory of the Ludwig-Maximilians-Universität München.
Director: Prof. Dr. G. Angenheister

Coordinates: Latitude 48°09'56" N
Longitude 11°16'35" E
Height 565 m

Foundation: Moraine upon molasse

Instrumentation:

Seism.	Comp.	T_s (sec)	T_g (sec)	V	R (mm/min)
SL	Z	15,0 ± 0,2	1.3	26K at 1.5 sec	30
	Z	15,0 ± 0,2	90	1.3K at 14 sec	30
SL	N	15,0 ± 0,2	1.3	17K at 1.5 sec	30
	N	15,0 ± 0,2	90	2,0K at 14 sec	30
SL	E	15,0 ± 0,2	1.3	17K at 1.5 sec	30
	E	15,0 ± 0,2	90	1,8K at 14 sec	30

Registration: Galvanometric optical registration

Timing System: Pendulum clock, type Riefler.
Accuracy ± 0.1 sec.

GRF GRÄFENBERG

Address: Seismologisches Zentralobservatorium
Gräfenberg
D-852 Erlangen
Krankenhausstr. 1

Telephone: (09131) 25900 Office Erlangen
(09197) 329 Recording Station Haidhof

Telex: 06 29706

Routine Analysing: Dipl.-Phys. H. Aichele

Coordinates: Center of tripatite array:
Latitude 49°41'31" N
Longitude 11°12'55" E
Height 504 m

Foundation: Chalk and Dolomite of jurassic age with a covering of thin sandy loam.

Instrumentation:

Seism.	Comp.	T_s (sec)	T_g (sec)	V_{max}	R (mm/min)
SL	Z	20.0	30.0	15K (at 0.05 Hz)	30
	N	20.0	30.0	15K "	30
	E	20.0	30.0	15K "	30
BE	Z2	1.0	0.2	50K (at 1 Hz)	300
	Z3	1.0	0.2	50K "	300
	Z5	1.0	0.2	50K "	300
	Z6	1.0	0.2	50K "	300
	ZA	1.0	0.2	50K "	300
	ZB	1.0	0.2	50K "	300
	ZC	1.0	0.2	50K "	300
BE	Z	1.0	0.2	50K "	300
	N	1.0	0.2	50K "	300
	E	1.0	0.2	50K "	300
JM	Z	1.25		50K "	300
GT	ZV	2.0		25K "	300
	NV	2.0		25K "	300
	EV	2.0		25K "	300

The instruments indicated with a number are arranged in a small L-shaped array (see seismological bulletin 1968 of the station GRF). The instruments indicated with a letter are arranged in a tripatite array with a new walk-in vault as center point. The distance of the instruments to the center point is two km. All instruments with-out indication are placed in this walk-in vault.

Registration: All short-period instruments are recorded on 16-mm-micro-film. The long-period instruments are recorded on 35-mm-film. Time resolution is depending of the magnification of the film viewer. The above specifications refer to a 10 fold magnification. Three components of short- and long-period instruments are recorded on 1/2" tape, 7 channels frequency modulated according to IRIG-standard.

Timing System: Crystal clock type CAQ Rohde & Schwarz; the quartz-clock is adjusted in such intervals that the accuracy is better than ± .05 sec.

HAM HAMBURG

Address: Observatorium der Geophysikalischen Institute der Universität Hamburg
Erdbebenstation
D-21 Hamburg 90
An der Schießbahn 30e

Telephone: (040) 77170 495

Telex: 02 14732

Routine Analysing: Dr. J. Klußmann

Coordinates: Latitude 53°27'54" N
Longitude 9°55'29" E
Height 30.25 m

Foundation: 50 m Diluvium over 1900 m Tertiär

Instrumentation:

Seism.	Comp.	T_s (sec)	T_g (sec)	V	R (mm/min)
WI	N	9		205	23
WI	E	8		220	23
WZ	Z	4.5		214	15
SX	Z	1.54	1.5	6K at 1.1 sec	52

Registration: WI and WZ on smoked paper.
SX on photographic paper.

Timing System: Pendulum clock, type Riefler. Daily check with radio station Potsdam. Accuracy about ± 0.2 sec.

HEI HEIDELBERG

see STU

HLG HELGOLAND

Address: Institut für Geophysik
D-23 Kiel 1
Neue Universität
Haus S 13 c

Telephone: (0431) 880-2925

Routine Analysing: Dipl.Geophys. H. Ohlendorf

Coordinates: Latitude 54°11'05" N
Longitude 7°53'02" E
Height 41 m

Foundation: About 700 m marl of early Triassic age over more than 2000 m salt of late Permian age.

Instrumentation:

Seism.	Comp.	T_s (sec)	T_g (sec)	V_{max}	R (mm/min)
X	Z	1.4	1.4	5600±200 at 1.2 Hz	30
X	N	1.4	1.4	4900±200 at 1.2 Hz	30
X	E	1.4	1.4	5000±200 at 1.2 Hz	30
SL	Z	15.0	90.0		30

Registration: Optical, on photographic paper

Timing System: Crystal clock type Rohde & Schwarz. Daily check with Radio Norddeich. Accuracy of seismogram readings ±0.2 sec.

HOF HOF/Saale

Address: Wetterstation Hof
des Deutschen Wetterdienstes
D-867 Hof/Saale
Hohensaas 36

Telephone: (09281) 66024

Routine Analysing: Prof. Dr. O. Förtsch
Geophysikalisches Observatorium
der Universität München
D-808 Fürstenfeldbruck
Ludwigshöhe 8

Telephone: (08141) 92470

Coordinates: Latitude 50°18'49" N
Longitude 11°52'39" E
Height 566 m

Foundation: Devonian

Instrumentation:

Seism.	Comp.	T_s (sec)	V	R (mm/min)
SL	Z	15.0	16000 at 1.2 s	30
SL	N	15.0	6500 at 1.2 s	30
SL	E	15.0	7000 at 1.2 s	30

Registration: Ink recorder

Timing System: Crystal clock
Accuracy about ± 0.5 sec.

KRL KARLSRUHE

Address: Geodätisches Institut
der Universität Fridericiana
D-75 Karlsruhe
Englerstr. 7

Telephone: (0721) 60823o1, 6082307

Telex: 07 825740

Routine Analysing: Dr. H. Mälzer

Coordinates: Latitude 49°00'39" N
Longitude 8°24'44" E
Height 114 m

Foundation: Pleistocene deposits of the upper Rheingraben

Instrumentation:

Seism.	Comp.	T_s (sec)	V	R (mm/min)
WM	Z	3.2	1500	30
MH	N	10.6	450	30
MH	E	10.8	450	30
KH	N	3.0	1500	30
KH	E	3.0	1500	30
ST	Z	1.1	2500 at 1 Hz	120
ST	N	1.1	2500 at 1 Hz	120
ST	E	1.1	2500 at 1 Hz	120

Registration: Ink recorder

Timing System: Crystal clock, type Rohde & Schwarz. Daily check with radio signal of HBG, Switzerland. Accuracy ± 0.1 sec.

MSG MÖSSINGEN — see STU

MSS MESSTETTEN — see STU

RAV RAVENSBURG — see STU

STU STUTTGART and substations

Address: Landeserdbebendienst
Baden-Württemberg
D-7 Stuttgart 1
Richard-Wagner-Str. 44

Telephone: Institut für Geophysik
(0711) 2073 704
Landeserdbebendienst
(0711) 2073 2342

Telex: Universität Stuttgart
07 21703
Institut für Geophysik
07 23563

Routine Analysing: Dr. G. Schneider

Coordinates:

	Latitude	Longitude	Height
STU	48°46'15" N	9°11'36" E	375 m
FEL	47°52'30" N	8°01'00" E	1485 m
HEI	49°23'55" N	8°43'35" E	560 m
MSG	48°23'57" N	9°02'00" E	475 m
MSS	48°10'45" N	8°57'58" E	915 m
RAV	47°47'00" N	9°36'50" E	460 m

Foundation:

STU	Triassic marbles and sandstones
FEL	Gneiss
HEI	Buntsandstein
MSG	Alluvium
MSS	Upper jurassic chalks
RAV	Pleistocene deposits

STU Instrumentation:

Seism.	Comp.	T_s (sec)	T_g (sec)	V_{max}	R (mm/min)
ST					
BE	Z	1.2	0.75	25K at 2 Hz	60
BE	N	1.0	0.75	12.3K at 2 Hz	60
BE	E	1.0	0.75	12.3K at 2 Hz	60
SL	Z,N,E	15.0	100	750 at 15 sec	15
All other station:					
ST	Z,N,E	1.10	0.25	2K-20K at 2 Hz +)	

+) range of variable magnification settings; accurate values on request.

Registration: STU optical
all other stations: ink recorder or smoked paper

Timing Systems: STU Quartz clock. Accuracy ± 0.2 sec
MSG, MSS, RAV Quartz clock controlled by radio time Signal. Accuracy ± 0.0 sec
FEL pendulum clock, Type Riefler. Accuracy ± 0.2 sec
HEI Time mark supply, system "Karlsruhe". Accuracy ± 0.2 sec.

TNS KLEINER FELDBERG / TAUNUS

Address: Institut für Meteorologie und Geophysik
der Universität Frankfurt
D-6 Frankfurt/M 1
Feldbergstr. 47

Telephone: (0611) 7982375

Telex: 04 13730

Routine Analysing: Dr. B. Baier
E. Tobias

Coordinates: Latitude: 50°13'25" N
Longitude 8°26'56" E
Height 815 m

Foundation: Taunus Quartzite, seismometer vault 5 m below surface

Instrumentation:

Seism.	Comp.	T_s (sec)	T_g (sec)	V	R (mm/min)
SL	Z,N,E	20			30
ST	Z,N,E	1.2	0.2	10 000	60

Registration: Longperiod instruments on magnetic tape, triggered by events.

Timing System: Quartz clock. Accuracy ± 0.02 sec

Explanations and Abbreviations

Hypocenter Data

Hypocenter determinations of the following institutions are used in this bulletin:

ERL Environmental Research Laboratories in the National Oceanic and Atmospheric Administration, Boulder

BCS Bureau Central International de Séismologie, Strasbourg

NFB Niedersächsisches Landesamt für Bodenforschung, Hannover (This institution gives specially the shot data of quarry blasts in the Federal Republic of Germany)

BNS, FUR, STU } Observatories giving hypocenter determinations and comments on local events

Remark: If more than one hypocenter indication is given for the same event, the distance and azimuths are calculated using the values listed at first position.

Station Abbreviations

Station abbreviations are used as indicated in the "Seismograph Station abbreviations" published by the U.S. G.S.

Components

Z, N, E: + means upward-, northward- or eastward directed first motion of ground
- means downward-, southward- or westward directed first motion of ground

Direction of Motion

According to a recommendation by the ISC the direction of first arrival can be referred not only to short-period vertical component but also to a long-period one. The possible code forms resulting therefrom are:

+ compression short-period
- dilatation short-period
1 compression long-period
2 dilatation long-period
A compression short- and long-period
B compression short-period, dilatation long-period
I dilatation short-period, compression long-period
K dilatation short- and long-period

Seismometer

The following seismometer abbreviations are used in this bulletin:
B4 Baule-Seismometer with Hottinger displacement pick-up
BE short-period type Benioff
ET Electrotech type EVP 300
FS FS 60 combined with phototube-amplifier and ink recorder
GT Geotech type S-13 (formerly 18300)
GL Geotech type S-13 combined with amplifier type Wielandt
GW Galitzin-Wilip
JM Johnson Matheson
KH 170 kg Mainka combined with Hottinger displacement pick-up
MG Large Mainka pendulum
MH 2000 kg Mainka combined with Hottinger displacement pick-up

SL long-period Sprengnether
SR LED-Baden-Württemberg-Standard-Seismograph after Strobach, displacement pick-up Collins
ST Displacement seismometer type Stuttgart
SX Induction seismometer type Stuttgart modified after Strobach
WG 17 tons pendulum seismometer (three component) Wiechert
WH Wiechert inverted pendulum combined with Hottinger displacement pick-up
WI inverted (horizontal) Wiechert
WZ vertical Wiechert
X Induction seismometer type Stuttgart

Phases

The nomenclature of the phases corresponds to the code list of supplementary phases published by the International Seismological Center. pP appears as AP and sP as XP.

Time

All indications in Greenwich Mean Time.
The character "-" instead of a digit in the column for the 1/10 second indicates that the reading could not be made with this accuracy.

Period

The column PER gives the measured period in seconds.

Amplitude

The column LOG.AMP. gives the logarithm of the amplitude of the true ground motion in millimicrons (10^{-9} m).

Signal to Noise Ratio

The column S/N gives the signal to noise ratio of the first onset. The digit 9 stands also for values greater than 9.

Distances

Epicentral distances are given in degrees and in kilometers, rounded to 1/10 of a degree and 10 kilometers.

Azimuth

This column gives on first line the azimuth from the station to the epicenter and on second line the azimuth from the epicenter to the station.

Other Abbreviations

T_g free period of galvanometer
T_s free period of seismometer
V Static magnification or magnification at a indicated frequency or period
V_{max} Maximum magnification
R Recording speed

Intensity

Intensity indications without specification of locality have the meaning of I_o of the modified Mercally Scale. In the comments on macroseismic observations R means Radius of Perceptibility.

Magnitude

M_m Macroseismic Magnitude after KARNIK ($M_m = 0.5\ I_o + \log_{10} h_o + 0.35$). Indicated as M(M)
M_l Local Magnitude according to C.F. RICHTER's 1935 definition is indicated as M(LOC) and M(LOCAL).

No Determination of Epicenter

In some cases for events classified by "no determination of epicenter" epicenter determinations are added later in the comments.

JAN 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 01 ERL H= 10 15 48.0 LAT = 4.6 S LONG= 155.2 E DEPTH=506 KM MAGNITUDE= 5.2 SOLOMON ISLANDS										
GRF	E Z BE	PKP	10 33 53.4			2	13990	125.8	40.2	331.3
JAN 01 ERL H= 13 01 18.9 LAT = 64.0 N LONG= 22.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 ICELAND										
GRF	+E Z BE	P	13 06 21.4			2	2550	22.9	321.2	112.7
JAN 01 ERL H= 14 41 53.3 LAT = 64.2 N LONG= 22.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 ICELAND										
GRF	E Z BE	P	14 46 56.5			1	2560	23.0	321.6	113.1
JAN 01 ERL H= 22 05 59.0 LAT = 16.7 S LONG= 174.8 E DEPTH= 56 KM MAGNITUDE= 5.8 FIJI ISLANDS REGION										
HLG	+ Z SL	PKP	22 25 19.2	3.0		2	15710	141.3	20.3	347.7
	+I Z SL	PP	22 28 10.6			2				
BNS	+E Z SL	PKP	22 25 30.-				16060	144.4	20.7	346.5
	E Z FS	-	22 25 31.1	3.5	2.89					
	E Z SL	-	22 29 44.-							
	E Z SL	-	22 48 14.-							
	E Z SL	LR	23 14 25.-	56.0						
	Z SL	-	23 23 00.-	30.0						
GRF	+E Z BE	PKP1	22 25 30.4			2	16070	144.5	27.8	341.5
	-E Z BE	-	22 25 31.9			6				
	+I Z BE	PKP2	22 25 34.6			4				
	-I Z BE	-	22 25 37.1			9				
FUR	+I Z SL	PKP1	22 25 36.-	1.9	2.61	8	16220	145.9	29.0	340.2
	-I Z SL	PKP2	22 25 38.-	2.0	2.69	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
KRL	+E Z ST	PKP	22 25 36.5	1.8		4	16230	145.9		
	-E E MH	SS	22 48 08.-						23.8	343.9
STU	+E Z BE	PKP	22 25 34.2	1.2	2.43	2	16230	146.0		
									25.2	342.9
BUH	-E Z GT	PKP	22 25 35.7				16270	146.3		
									23.7	343.9

JAN 01 ERL
H= 22 44 58.9
LAT = 17.0 S
LONG= 174.2 E
DEPTH= 36 KM
MAGNITUDE= 5.2
FIJI ISLANDS REGION

GRF	+E Z BE	PKP1	23 04 33.0			1	16080	144.6		
	+E Z BE	PKP2	23 04 37.3			4			28.9	340.9
FUR	+I Z SL	PKP1	23 04 39.-	2.0	2.48	6	16220	145.9		
	+I Z SL	PKP2	23 04 42.-	1.7	2.22	1			30.1	339.5
	-E Z SL	PP	23 08 02.-	13.0	3.24	9				
BUH	E Z GT	PKP	23 04 37.5				16280	146.4	24.7	343.1

JAN 01
NO DETERMINATION OF EPICENTER

GRF	-E Z BE	P	23 09 14.6			2				

JAN 02 ERL
H= 04 09 03.8
LAT = 24.9 S
LONG= 180.0 W
DEPTH=497 KM
MAGNITUDE= 4.5
SOUTH OF FIJI ISLANDS

GRF	-E Z BE	PKP	04 28 23.1			2	17100	153.8	23.5	343.4

JAN 02
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	06 38 21.5			1				

JAN 02
NO DETERMINATION OF EPICENTER

GRF	+E Z BE	P	08 41 42.2			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JAN 02 ERL
H= 09 17 52.9
LAT = 37.9 N
LONG= 20.7 E
DEPTH= 45 KM
MAGNITUDE= 4.2
IONIAN SEA

GRF	E Z BE	P	09 21 15.7			1	1520	13.7	146.5	333.0

JAN 02 ERL
H= 10 27 34.9
LAT = 41.8 N
LONG= 84.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
SOUTHERN SINKIANG PROV., CHINA

GRF	+E Z BE	P	10 36 27.5	1.0	1.82	2	5540	49.8	69.5	305.5
FUR	+I Z SL	P	10 36 31.-	1.5	1.81	3	5600	50.4	68.4	303.7
	+E Z SL	PCP	10 37 49.-	1.5	1.45	7				
	-E Z SL	-	10 39 36.-	1.5	1.45	7				

JAN 02
NO DETERMINATION OF EPICENTER

GRF	+E Z BE	P	10 54 57.9			1				

JAN 02 ERL
H= 18 36 55.6
LAT = 30.1 S
LONG= 177.4 W
DEPTH= 34 KM
MAGNITUDE= 4.7
KERMADEC ISLANDS

GRF	+E Z BE	PKP	18 57 34.8			1	17720	159.3	21.6	344.0

JAN 02
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	19 57 28.6			2				

JAN 02 ERL
H= 20 18 22.3
LAT = 42.1 N
LONG= 142.5 E
DEPTH= 73 KM
MAGNITUDE= 4.1
HOKKAIDO, JAPAN REGION

GRF	E Z BE	P	20 30 21.3			1	8800	79.1	34.7	330.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 02 ERL										
H= 21 57 05.0										
LAT = 16.2 N										
LONG= 98.4 W										
DEPTH= 54 KM										
MAGNITUDE= 5.4										
NEAR COAST OF GUERRERO, MEXICO										
HLG	+I Z SL	P	22 09 42.-			2	9590	86.2	292.4	34.4
	Z SL	PP	22 13 00.5	4.0	1.40	2				
BNS	+E Z SL	P	22 09 47.-	10.0			9680	87.1	292.0	37.6
	+E Z FS	-	22 09 50.9							
	E Z SL	PP	22 13 10.-							
	E Z SL	S	22 20 33.-							
	E Z SL	LR	22 38 20.-	44.0						
	Z SL	-	22 52 00.-	18.0						
GRF	-E Z BE	P	22 10 01.1			2	10000	89.9	295.1	37.7
	E Z BE	PP	22 13 32.2			2				
JAN 02 ERL										
H= 22 09 38.4										
LAT = 27.4 N										
LONG= 141.3 E										
DEPTH= 54 KM										
MAGNITUDE= 5.3										
BONIN ISLANDS REGION										
GRF	-E Z BE	P	22 22 40.3	1.0	1.62	4	10160	91.3	42.9	330.2
FUR	-I Z SL	P	22 22 44.-	1.5	1.60	3	10280	92.4	42.9	329.1
	-I Z SL	APCP	22 22 52.-	2.0	1.99	9				
JAN 03 ERL										
H= 06 36 37.9										
LAT = 51.6 N										
LONG= 159.4 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
OFF EAST COAST OF KAMCHATKA										
GRF	-E Z BE	P	06 48 21.7	1.0	1.46	4	8400	75.5	19.9	339.3
JAN 03										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	10 40 31.4			1				
	E N BE	SG	10 40 52.3			2				
JAN 03										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	16 49 42.3			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 03 ERL										
H= 17 06 22.3										
LAT = 51.1 N										
LONG= 178.9 E										
DEPTH= 46 KM										
MAGNITUDE= 5.5										
RAT ISLANDS, ALEUTIAN ISLANDS										
BNS	E Z FS	P	17 18 17.0				8680	78.0	5.3	354.7
	E Z FS	-	17 18 31.0							
	E Z SL	S	17 28 36.-							
	E Z SL	LR	17 44 00.-	42.0						
	Z SL	-	18 00 00.-	18.0						
GRF	+E Z BE	P	17 18 23.2			2	8790	79.0	7.3	351.9
	+I Z JM	-	17 18 57.5			2				
	E Z BE	-	17 19 45.0			1				
FUR	+E Z SL	P	17 18 31.-	2.0	2.21	9	8950	80.5	7.9	351.5
	+I Z SL	APCP	17 18 45.-	1.5	1.60	2				
	E SL	RM	18 01 30.-	15.0	3.38					
JAN 03 ERL										
H= 17 31 29.4										
LAT = 51.1 N										
LONG= 178.9 E										
DEPTH= 46 KM										
MAGNITUDE= 5.1										
RAT ISLANDS, ALEUTIAN ISLANDS										
GRF	E Z BE	P	17 43 30.9			1	8790	79.0	7.9	351.9
JAN 04 ERL										
H= 00 19 59.7										
LAT = 35.8 N										
LONG= 140.5 E										
DEPTH= 43 KM										
MAGNITUDE= 5.1										
NEAR EAST COAST OF HONSHU, JAPAN										
GRF	+E Z BE	P	[illegible] 32 25.9		1.72	1	[illegible]	83.7	33.3	326.6
JAN 04 ERL										
H= 02 27 19.3										
LAT = 27.7 N										
LONG= 142.5 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.5										
BONIN ISLANDS REGION										
GRF	+E Z BE	P	[illegible] 40.3			2		91.6	44.8	330.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 02 ERL										
H= 21 57 05.0										
LAT = 16.2 N										
LONG= 98.4 W										
DEPTH= 54 KM										
MAGNITUDE= 5.4										
NEAR COAST OF GUERRERO, MEXICO										
HLG	+I	Z SL	P	22 09 42.-			2	9590	86.2	292.4 34.4
		Z SL	PP	22 13 00.5	4.0	1.40	2			
BNS	+E	Z SL	P	22 09 47.-	10.0			9680	87.1	292.0 37.6
	+E	Z FS	-	22 09 50.9						
	E	Z SL	PP	22 13 10.-						
	E	Z SL	S	22 20 33.-						
	E	Z SL	LR	22 38 20.-	44.0					
		Z SL	-	22 52 00.-	18.0					
GRF	-E	Z BE	P	22 10 01.1			2	10000	89.9	295.1 37.7
	E	Z BE	PP	22 13 32.2			2			
JAN 02 ERL										
H= 22 09 38.4										
LAT = 27.4 N										
LONG= 141.3 E										
DEPTH= 54 KM										
MAGNITUDE= 5.3										
BONIN ISLANDS REGION										
GRF	-E	Z BE	P	22 22 40.3	1.0	1.62	4	10160	91.3	42.9 330.2
FUR	-I	Z SL	P	22 22 44.-	1.5	1.60	3	10280	92.4	42.9 329.1
	-I	Z SL	APCP	22 22 52.-	2.0	1.99	9			
JAN 03 ERL										
H= 06 36 37.9										
LAT = 51.6 N										
LONG= 159.4 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
OFF EAST COAST OF KAMCHATKA										
GRF	-E	Z BE	P	06 48 21.7	1.0	1.46	4	8400	75.5	19.9 339.3
JAN 03										
NO DETERMINATION OF EPICENTER										
GRF	E	Z BE	PG	10 40 31.4			1			
	E	N BE	SG	10 40 52.3			2			
JAN 03										
NO DETERMINATION OF EPICENTER										
GRF	E	Z BE	P	16 49 42.3			2			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 03 ERL										
H= 17 06 22.3										
LAT = 51.1 N										
LONG= 178.9 E										
DEPTH= 46 KM										
MAGNITUDE= 5.5										
RAT ISLANDS, ALEUTIAN ISLANDS										
BNS	E	Z FS	P	17 18 17.0				8680	78.0	5.3 354.7
	E	Z FS	-	17 18 31.0						
	E	Z SL	S	17 28 36.-						
	E	Z SL	LR	17 44 00.-	42.0					
		Z SL	-	18 00 00.-	18.0					
GRF	+E	Z BE	P	17 18 23.2			2	8790	79.0	7.9 351.9
	+I	Z JM	-	17 18 57.5			2			
	E	Z BE	-	17 19 45.0			1			
FUR	+E	Z SL	P	17 18 31.-	2.0	2.21	9	8950	80.5	7.9 351.6
	+I	Z SL	APCP	17 18 45.-	1.5	1.60	2			
		E SL	RM	18 01 30.-	15.0	3.38				
JAN 03 ERL										
H= 17 31 29.4										
LAT = 51.1 N										
LONG= 178.9 E										
DEPTH= 46 KM										
MAGNITUDE= 5.1										
RAT ISLANDS, ALEUTIAN ISLANDS										
GRF	E	Z BE	P	17 43 30.9			1	8790	79.0	7.9 351.9
JAN 04 ERL										
H= 00 19 59.7										
LAT = 35.8 N										
LONG= 140.5 E										
DEPTH= 43 KM										
MAGNITUDE= 5.1										
NEAR EAST COAST OF HONSHU, JAPAN										
GRF	+E	Z BE	P	00 32 25.9	1.1	1.72	1	9310	83.7	39.3 329.6
JAN 04 ERL										
H= 02 27 19.3										
LAT = 27.7 N										
LONG= 142.5 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.5										
BONIN ISLANDS REGION										
GRF	+E	Z BE	P	02 40 40.9			2	10190	91.6	41.8 330.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
JAN 04 ERL H= 03 16 54.5 LAT = 22.6 N LONG= 122.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.1 TAIWAN REGION										
HLG	+I Z X	P	03 29 23.8	1.0	2.56	2	9460	85.1	57.8	327.5
GRF	+E Z JM	P	03 29 31.7	1.7	2.32	6	9520	85.6	57.8	327.5
	-I Z JM	PCP	03 29 35.4			3			60.0	322.5
	-I Z JM	-	03 29 38.3			3				
	-E Z JM	-	03 29 48.6			4				
	+E Z JM	-	03 29 54.6			2				
	E N GL	S	03 40 04.0			3				
	E Z BE	-	03 47 44.0			1				
FUR	+I Z SL	P	03 29 35.-	2.5	3.19	9	9610	86.4	60.0	321.2
	-I Z SL	APP	03 33 02.-	2.0	2.73	4				
	N SL	QM	04 02 00.-	32.0	5.21					
	Z SL	RM	04 08 00.-	15.0	5.08					
BOC	+E E BH	P	03 29 38.3	1.0	2.30	2	9660	86.9	57.1	325.4
TNS	1E Z SL	P	03 29 36.-							
	1E N SL	S	03 40 08.-			7	9660	86.9	58.0	323.9
						5				
BNS	+I Z FS	P	03 29 39.0	2.0	2.57					
	+I Z SL	-	03 29 39.0	12.0			9700	87.2	57.1	325.0
	E Z FS	PP	03 33 04.-							
	E N X	S	03 40 16.-							
	E Z SL	-	03 47 05.-							
	E Z SL	LR	03 59 14.-	50.0						
	Z SL	-	04 06 20.-	24.0						
STU	+I Z BE	P	03 29 38.4	1.0	1.80	4	9700	87.3	58.5	322.4
KRL	+E Z ST	P	03 29 41.3	1.5		3	9740	87.6	57.9	322.9
	-E N MH	S	03 40 24.2			3				
BUH	+E Z GT	P	03 29 41.8				9770	87.9	57.8	322.7
JAN 04 NO DETERMINATION OF EPICENTER										
GRF	E Z JM	P	11 41 26.6			2				
JAN 04 ERL H= 18 09 46.1 LAT = 0.0 S LONG= 124.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.6 MOLUCCA SEA										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
GRF	-E Z BE	PKP	18 28 18.4			2	11690	105.1	71.7	321.9
JAN 04 ERL H= 20 07 35.7 LAT = 23.8 S LONG= 180.0 E DEPTH=558 KM MAGNITUDE= 4.9 SOUTH OF FIJI ISLANDS										
GRF	+E Z BE	PKP	20 26 45.1			3	16980	152.7	23.0	343.9
JAN 05 ERL H= 00 58 54.9 LAT = 51.2 N LONG= 178.9 E DEPTH= 49 KM MAGNITUDE= 5.1 RAT ISLANDS, ALEUTIAN ISLANDS										
GRF	E Z BF	P	01 10 54.3			1	8780	79.0	7.9	351.9
JAN 05 ERL H= 02 16 10.1 LAT = 43.8 N LONG= 147.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 KURIL ISLANDS										
GRF	E Z BE	P	02 28 13.3			2	8810	79.2	30.8	332.6
JAN 05 ERL H= 04 57 40.8 LAT = 47.8 N LONG= 16.2 E DEPTH= 11 KM MAGNITUDE= 4.0 AUSTRIA										
JAN 05 BCS H= 04 57 43.0 LAT = 47.9 N LONG= 16.2 E AUSTRIA										
NOS= FELT (VI) IN WIENER NEUSTADT AREA. BCIS= FELT AT WIEN,MAX.INT.= VI										
FUR	-E Z SL	PN	04 58 38.-	2.0	2.03	9	370	3.3	94.1	277.7
	-I Z SL	PB	04 58 45.-	1.5	2.08	8				
	-I Z SL	SN	04 59 18.-	1.5	2.05	6				
	+I Z SL	SB	04 59 28.-	1.0	2.70	2				
	-I Z SL	SG	04 59 34.-	1.3	2.81	4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	Z SL	MAXIMUM	05 00 45.-	1.7	2.77					
GRF	E Z JM	PN	04 58 41.1			1	420	3.8	117.7	301.4
	E Z JM	-	04 58 42.8			4				
	I Z JM	-	04 58 44.1			9				
	E Z BE	PG	04 58 52.4			9				
	I Z BE	SG	04 59 41.7			9				
STU	-E Z BE	P	04 58 54.6	0.5	2.19	2	530	4.8	98.8	284.0
	E N BE	S	05 00 12.5							
KRL	+E Z ST	SN	04 59 23.0	0.8		2	590	5.3	100.0	285.8
BUH	+E Z GT	PN	04 59 02.8				600	5.4	96.1	282.0
BNS	E Z FS	PN	04 59 20.0				740	6.7	114.6	301.4
	E Z FS	-	05 00 07.0							
	E N X	SG	05 01 14.-							
	E Z FS	-	05 01 23.-							

JAN 05 ERL
H= 05 57 26.6
LAT = 3.3 N
LONG= 31.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
CENTRAL MID-ATLANTIC RIDGE

GRF	E Z BE	P	06 07 24.2			1	6510	58.6	232.3	31.0

JAN 06 ERL
H= 00 30 17.2
LAT = 4.6 S
LONG= 151.8 E
DEPTH=160 KM
MAGNITUDE= 5.9
NEW BRITAIN REGION

HAM	E Z SX	PKP	00 48 55.-							
GRF	+I Z BE	PKP	00 48 58.3	0.8	1.78	3	13590	122.2	46.6	334.2
	E Z BE	APKP	00 50 16.4			5	13800	124.1	49.8	330.2
	E Z BE	-	00 50 37.2			1				
	E Z BE	PP	00 50 44.4			2				
						2				
FUR	-I Z SL	PKP1	00 49 01.-	1.5	2.15	9	13910	125.1	50.7	328.7
	-I Z SL	-	00 49 21.-	1.7	1.89	3				
	+I Z SL	APKP	00 49 40.-	1.5	1.60	2				
	-I Z SL	XPKP	00 49 58.-	1.5	1.45	4				
	+I Z SL	PP	00 50 51.-	2.0	2.43	3				
	-I Z SL	APP	00 51 32.-	1.8	2.05	2				
	-I Z SL	XPP	00 51 48.-	1.5	1.78	5				
	+I Z SL	SKP	00 52 20.-	1.9	2.34	5				
BNS	I Z FS	PKP	00 48 59.5	1.2	2.23		13920	125.1	44.8	333.4
	E Z FS	-	00 50 52.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z SL	-	01 03 09.-							
STU	+E Z BE	PKP	00 49 01.0	1.0	2.45	3	13980	125.7	48.1	330.4
BUH	+I Z GT	PKP	00 49 02.2				14040	126.2	47.2	330.8

JAN 06 ERL
H= 03 02 57.7
LAT = 41.2 N
LONG= 142.6 E
DEPTH= 54 KM
MAGNITUDE= 4.3
HOKKAIDO, JAPAN REGION

GRF	+E Z BE	P	03 15 03.3			3	8890	79.9	35.1	330.3

JAN 06
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	04 21 01.8			2				

JAN 06 ERL
H= 04 21 04.3
LAT = 55.4 N
LONG= 35.2 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.5
NORTH ATLANTIC OCEAN

GRF	E Z BE	P	04 26 57.2			2	3150	28.3	299.6	82.0

JAN 06 ERL
H= 05 41 53.9
LAT = 55.5 N
LONG= 35.1 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
NORTH ATLANTIC OCEAN

GRF	E Z BE	P	05 47 46.4			1	3150	28.3	299.8	82.3

JAN 06 ERL
H= 05 42 40.8
LAT = 55.3 N
LONG= 35.2 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.5
NORTH ATLANTIC OCEAN

GRF	E Z BE	P	05 48 33.4			2	3160	28.4	299.3	81.8
FUR	Z SL	RM	06 02 30.-	13.0	3.15		3250	29.2	301.7	84.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 06 ERL H= 06 33 34.0 LAT = 23.3 N LONG= 123.4 E DEPTH= 15 KM MAGNITUDE= 4.7 SOUTHWESTERN RYUKYU ISLANDS										
GRF	E Z BE	P	06 46 15.1			1	9540	85.8	58.7	322.9
JAN 06 ERL H= 09 41 33.2 LAT = 30.3 N LONG= 50.5 E DEPTH= 41 KM MAGNITUDE= 5.2 IRAN										
JAN 06 BCS H= 09 41 35.0 LAT = 30.2 N LONG= 50.8 E DEPTH= 55 KM IRAN										
FUR	+I Z SL	P	09 48 21.-	1.2	2.02	9	3870	34.8	106.4	312.1
	-I Z SL	AP	09 48 28.-	1.2	2.02	2				
	-E Z SL	-	09 48 50.-	1.9	1.86	3				
GRF	+E Z BE	P	09 48 25.6	1.0	1.66	2	3920	35.3	108.5	314.6
JAN 06 ERL H= 12 13 38.9 LAT = 17.1 S LONG= 175.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 FIJI ISLANDS REGION										
BNS	E Z FS	PKP	12 33 13.8	2.5	1.90		16120	145.0	19.0	347.6
GRF	E Z BE	PKP	12 33 13.8			2	16140	145.2	26.2	342.5
FUR	+I Z SL	PKP1	12 33 18.-	2.0	2.29	4	16290	146.5	27.3	341.3
	-I Z SL	APKP	12 33 28.-	2.0	2.43	6				
	+I Z SL	XPKP	12 33 38.-	2.0	2.15	1				
BUH	E Z GT	PKP	12 33 19.4				16340	146.9	21.9	345.0
JAN 06 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	15 58 11.7			2				
	E Z BE	-	15 58 21.6			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 06 BCS H= 23 04 20.0 LAT = 51.6 N LONG= 7.1 E GERMANY										
BNS= ROCKBURST, RUHR COAL DISTRICT, NORDRHEIN-WESTFALEN,WEST GERMANY. H= 23 04 19, 51 DEG. 38 MIN. N, 7 DEG. 7 MIN. E, M(LOCAL) = 3.2, M(LGH)= 2.7. FELT IN THE REGION OF RECKLINGHAUSEN AND MARL WITH MAXIMUM INTENSETY V.										
BNS	E Z FS	PG	23 04 31.5				70	0.7	356.9	176.8
	E N X	SG	23 04 40.8	0.7	2.87					
	E E X	-	23 04 42.0	0.8	3.03					
	E E X	-	23 04 50.-	1.4	3.42					
	E N X	-	23 04 52.-	1.5	3.29					
	E Z FS	-	23 04 52.-	1.5	3.00					
BUH	E Z GT	PG	23 05 05.6				340	3.0	346.8	166.0
GRF	E Z BE	PG	23 05 25.3			1	350	3.3	308.3	125.1
	E N BE	SG	23 05 48.5			3				
FUR	-E Z SL	SG	23 05 44.-	1.5	1.30	5	490	4.4	323.8	140.6
	Z SL	MAXIMUM	23 07 25.-	1.5	1.78					
JAN 07 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	03 22 09.0			1				
JAN 07 ERL H= 03 29 11.5 LAT = 35.9 N LONG= 140.1 E DEPTH= 64 KM MAGNITUDE= 4.2 NEAR EAST COAST OF HONSHU, JAPAN										
GRF	E Z BE	P	03 41 33.0			1	9290	83.6	39.5	329.4
JAN 07 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	04 14 10.9			1				
JAN 07 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	04 18 24.5			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 07 ERL										
H= 06 25 48.4										
LAT = 2.1 S										
LONG= 139.0 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.9										
NEAR N. COAST OF WEST NEW GUINEA										
GRF	E Z BE	P	06 40 40.5			1	12810	115.2	60.8	325.4
	E Z BE	PKP	06 44 26.5			1				
	E Z BE	-	06 45 10.6			2				
	E Z BE	-	06 45 31.8			2				
	+E Z BE	-	06 46 38.2			3				
FUR	-E Z SL	PKP1	06 44 31.-	1.3	1.60	5	12890	115.9	61.5	323.9
	-I Z SL	APKP	06 44 39.-	1.5	1.56	9				
	+I Z SL	XPKP	06 44 41.-	3.0	2.38	3				
	-I Z SL	PP	06 45 30.-	1.5	1.75	4				
	+I Z SL	XPP	06 45 46.-	1.8	1.87	3				
BNS	E Z FS	PKP	06 45 42.-							
	E Z SL	PS	06 55 48.-				12980	116.7	56.5	328.1
	E Z SL	LR	07 22 38.-							
	Z SL	-	07 34 20.-	22.0						
JAN 07										
NO DETERMINATION OF EPICENTER										
BNS= EXPLOSION SUPPOSED.										
BNS	E Z FS	PG	15 00 59.0							
	E Z FS	SG	15 01 05.0							
JAN 08 ERL										
H= 03 07 56.2										
LAT = 18.8 S										
LONG= 173.3 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.3										
TONGA ISLANDS										
HAM	E Z SX	PKP	03 27 33.-							
BNS	E Z FS	PKP	03 27 40.2	1.6	2.00	4	16160	145.3	5.4	356.6
GRF	-E Z BE	PKP1	03 27 43.6				16450	147.9	0.9	359.4
	E Z BE	PKP2	03 28 05.8	1.8	2.39	4	16560	149.0	8.3	354.3
	-E Z BE	-	03 28 25.4			2				
BUH	+E Z GT	PKP	03 27 39.5			4				
FUR	+E Z SL	PKP1	03 27 41.-				16700	150.2	2.9	357.9
	+I Z SL	-	03 27 47.-	1.5	1.60	9	16730	150.5	8.8	353.8
	-I Z SL	PKP2	03 27 54.-	1.8	2.21	9				
	+I Z SL	XPKP	03 28 05.-	1.5	1.98	2				
				1.8	1.19	5				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 08 BCS										
H= 04 45 53.0										
LAT = 47.8 N										
LONG= 15.8 E										
AUSTRIA										
BCIS= FELT WITH MAX.INT. V. MACROSEISMIC EPICENTER 47 DEG. 55 MIN. N, 16 DEG. 1 MIN. E (VIE).										
FUR	-I Z SL	PB	04 46 50.-	1.5	1.78	9	340	3.1	95.2	278.5
	-I Z SL	PG	04 46 58.-	1.5	1.60	3				
	-I Z SL	SN	04 47 24.-	1.5	1.60	3				
	+E Z SL	SG	04 47 29.-	1.8	1.91	9				
	Z SL	MAXIMUM	04 48 20.-	1.7	2.17					
GRF	I Z JM	PN	04 46 48.3			2	400	3.6	120.2	303.7
	I Z JM	PG	04 47 00.5			9				
	I N BE	SN	04 47 32.7			2				
	I N BE	SG	04 47 47.4			4				
BUH	-E Z GT	PN	04 47 13.8				570	5.1	97.0	282.6
BNS	E Z FS	-	04 49 21.2				720	6.5	116.0	302.5
JAN 08 ERL										
H= 05 27 52.9										
LAT = 20.9 N										
LONG= 120.2 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 6.2										
PHILIPPINE ISLANDS REGION										
HAM	E Z SX	P	05 40 25.-			6	9430	84.8	61.7	325.7
HLG	-I Z SL	P	05 40 30.0	11.0		4	9510	85.5	60.2	327.0
	-I Z X	P	05 40 30.0	2.8		3				
	Z X	PP	05 43 50.-			1				
GRF	-E Z BE	P	05 40 30.8			2	9550	85.9	62.4	322.0
	-I Z BE	PCP	05 40 32.2	2.4	3.58	9				
	+E Z BE	-	05 43 52.2			4				
	E Z BE	PP	05 44 04.0			2				
	E Z BE	-	05 44 22.7			2				
	E Z BE	-	05 44 28.0			2				
	E Z BE	PPP	05 45 46.6			2				
	E E GL	S	05 51 05.0			2				
FUR	+I Z SL	P	05 40 35.-	2.0	3.26	5	9630	86.6	62.4	320.6
	-I Z SL	PP	05 43 58.-	2.6	3.25	8				
	-I Z SL	APP	05 44 09.-	3.6	3.27	2				
	Z SL	RM	06 23 40.-	14.0	4.56					
BOC	+E Z B4	P	05 40 38.4	3.0	3.62	2	9700	87.2	59.5	324.8
STU	-E Z BE	P	05 40 39.4	3.0	3.64	5	9730	87.5	60.9	321.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	-I Z FS	P	05 40 39.5	3.3	3.38		9730	87.5	59.5	324.4
	-I Z SL	-	05 40 41.-	10.0						
	-I Z FS	PP	05 44 05.5							
	E E X	S	05 51 18.-							
KRL	+E Z ST	P	05 40 41.-	2.5		7	9770	87.8	60.3	322.3
BUH	+I Z GT	P	05 40 41.5				9800	88.1	60.2	322.0

JAN 08 ERL
H= 05 35 34.8
LAT = 21.3 N
LONG= 120.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
TAIWAN REGION

GRF	E Z BE	P	05 48 11.6			4	9510	85.6	62.2	322.0

JAN 08 ERL
H= 05 53 33.4
LAT = 20.8 N
LONG= 120.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
PHILIPPINE ISLANDS REGION

GRF	E Z BE	P	06 06 34.4			2	9550	85.9	62.6	322.0

JAN 08 ERL
H= 06 09 48.7
LAT = 20.9 N
LONG= 120.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
PHILIPPINE ISLANDS REGION

GRF	E Z BE	P	06 22 28.4			1	9560	86.0	62.2	322.1

JAN 08 ERL
H= 08 14 20.0
LAT = 20.9 N
LONG= 120.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
PHILIPPINE ISLANDS REGION

GRF	+E Z BE	P	08 26 59.0			2	9550	85.9	62.4	322.0
	+E Z BE	-	08 27 07.1	1.6	2.17	2				
FUR	+I Z SL	XP	08 27 11.-	1.5	2.00	5	9630	86.6	62.4	320.6
	-I Z SL	-	08 27 19.-	1.5	1.83	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JAN 08 ERL
H= 11 34 49.2
LAT = 55.8 S
LONG= 28.7 W
DEPTH= 60 KM (GEOPHYSICIST)
MAGNITUDE= 6.2
SOUTH SANDWICH ISLANDS REGION

FUR	+I Z SL	PKP1	11 53 16.-	1.5	1.30	1	12100	108.8	202.6	27.0
	+I Z SL	APKP	11 53 25.-	1.5	1.51	2				
	+I Z SL	XPKP	11 53 28.-	1.5	1.60	5				
	-I Z SL	PP	11 53 40.-	1.9	2.26	2				
GRF	E Z BE	PKP	11 53 31.0			1	12260	110.2	202.8	26.4

JAN 08 ERL
H= 14 32 14.8
LAT = 20.9 N
LONG= 120.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
PHILIPPINE ISLANDS REGION

GRF	E Z BE	P	14 44 53.6			1	9550	85.9	62.4	322.0
	+E Z BE	P	14 45 01.3			2				

JAN 09 ERL
H= 06 58 52.3
LAT = 22.5 S
LONG= 171.3 E
DEPTH= 59 KM
MAGNITUDE= 4.6
LOYALTY ISLANDS REGION

GRF	E Z BE	PKP	07 18 47.2			2	16530	148.7	37.2	334.9

JAN 09 BCS
H= 12 53 33.0
LAT = 48.3 N
LONG= 9.1 E
GERMANY

BCIS= SWABIAN JURA.

STU	-E Z BE	PG	12 53 44.4	0.5	1.34	1	60	0.5	190.8	10.6
	+E N BE	SG	12 53 49.7							
BUH	-I Z GT	PG	12 53 46.0				80	0.7	126.5	307.1
GRF	I Z JM	PG	12 54 11.4			2	220	2.0	225.8	44.2
	E E BE	SN	12 54 31.8			1				
	E E BE	SG	12 54 37.1			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
			JAN 09 ERL H= 14 00 59.3 LAT = 55.7 N LONG= 163.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 OFF EAST COAST OF KAMCHATKA							
GRF	E Z BE	P	14 12 37.6			1	8060	72.5	16.0	341.6
			JAN 10 ERL H= 05 23 52.5 LAT = 20.9 N LONG= 120.4 E DEPTH= 32 KM MAGNITUDE= 5.0 PHILIPPINE ISLANDS REGION							
GRF	+E Z BE	P	05 36 32.0			2	9560	86.0	62.3	322.0
			JAN 10 ERL H= 09 57 38.3 LAT = 17.9 N LONG= 145.3 E DEPTH=350 KM MAGNITUDE= 5.0 MARIANA ISLANDS							
GRF	E Z BE	PP	10 15 07.0			1	11280	101.4	44.2	331.6
			JAN 10 BCS H= 15 12 14.0 LAT = 35.0 N LONG= 27.7 E DODECANESE ISLANDS							
			JAN 10 ERL H= 15 12 14.4 LAT = 35.1 N LONG= 27.7 E DEPTH= 42 KM MAGNITUDE= 4.1 DODECANESE ISLANDS							
GRF	E Z BE	P	15 16 32.5			1	2110	19.0	134.4	325.6
			JAN 10 ERL H= 19 21 20.5 LAT = 31.0 N LONG= 137.0 E DEPTH=489 KM MAGNITUDE= 5.1 SOUTH OF HONSHU, JAPAN							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	19 33 11.0	1.2	1.73	2	9610	86.4	44.2	328.2
			JAN 10 NO DETERMINATION OF EPICENTER							
BUH	+E Z GT	PN	23 25 16.8							
			JAN 12 ERL H= 08 15 46.1 LAT = 27.5 N LONG= 33.7 E DEPTH= 54 KM MAGNITUDE= 5.1 UNITED ARAB REPUBLIC							
			JAN 12 BCS H= 08 15 49.0 LAT = 27.4 N LONG= 34.2 E DEPTH= 85 KM RED SEA							
			BCIS= FELT (VI) ON THE SOUTHERN SINAI PENINSULA (JER).							
FUR	+I Z SL	-	08 21 29.-	1.5	1.64	2	3000	27.0	131.6	325.7
	+E Z SL	AP	08 21 32.-	2.0	2.03	2				
	-I Z SL	XP	08 21 36.-	1.9	2.13	3				
	-E Z SL	PPP	08 22 20.-	1.5	1.56	3				
GRF	E Z BE	P	08 21 37.4			2	3120	28.1	133.7	328.1
			JAN 12 ERL H= 09 59 10.3 LAT = 6.9 S LONG= 71.8 W DEPTH=580 KM (GEOPHYSICIST) MAGNITUDE= 5.9 WESTERN BRAZIL							
BNS	-I Z FS	P	10 11 02.1	1.5	2.49		9830	88.4	257.2	38.4
	-I Z SL	-	11 11 02.-							
	E Z FS	-	11 13 03.8							
	+I Z SL	SP	11 22 08.-							
	E Z SL	-	11 30 00.-	30.0						
BUH	-I Z GT	P	10 11 02.7				9850	88.6	258.0	40.8
KRL	-E Z ST	P	10 11 04.5	0.8		9	9870	88.8	258.2	40.5
STU	-I Z BE	P	10 11 05.7	1.0	2.80	5	9920	89.2	258.8	40.8
HLG	Z SL	P	10 11 06.-			2	9960	89.5	257.7	35.3
FUR	-I Z SL	P	10 11 12.-	1.2	2.62	8	10060	90.5	260.3	41.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	10 11 14.-	1.7	2.66	9				
	-I Z SL	AP	10 13 17.-	1.5	1.88	3				
	+I Z SL	XP	10 14 19.-	2.0	2.24	4				
	+I Z SL	PP	10 14 56.-	3.0	2.55	9				
GRF	E Z BE	P	10 11 12.6			2	10080	90.7	260.3	40.1
	+I Z BE	-	10 11 15.0	1.0	2.12	9				
	E Z BE	PKKP	10 28 32.2			1				

JAN 12 ERL
H= 13 51 20.2
LAT = 35.0 N
LONG= 23.5 E
DEPTH= 48 KM
MAGNITUDE= 4.9
CRETE

JAN 12 BCS
H= 13 51 24.0
LAT = 35.2 N
LONG= 23.9 E
CRETE

FUR	-I Z SL	P	13 55 03.-	1.5	1.75	9	1780	16.0	141.0	329.1
	+I Z SL	-	13 55 07.-	1.5	2.34	9				
	-I Z SL	-	13 55 19.-	1.5	2.08	3				
	-I Z SL	PPP	13 55 24.-	1.5	2.08	3				
	-I Z SL	XPP	13 55 29.-	1.2	2.02	1				
GRF	+I Z BE	P	13 55 20.4	1.1	2.45	6	1920	17.2	143.9	332.3
BUH	+E Z GT	P	13 55 25.9				1970	17.7	134.9	325.1
KRL	+E Z ST	P	13 55 31.-	0.8		2	1990	17.9	136.0	326.1
BNS	E Z FS	P	13 55 49.5	1.4	1.78		2210	19.9	137.3	328.5
	E Z FS	-	13 56 28.-							

JAN 12 ERL
H= 18 37 20.6
LAT = 37.7 N
LONG= 75.1 E
DEPTH= 84 KM
MAGNITUDE= 5.6
TADZHIK-SINKIANG BORDER REGION

NOS= FELT (III) AT KABUL, AFGHANISTAN.

GRF	+I Z JM	P	18 45 41.1	1.0	2.43	9	5160	46.4	79.7	306.4
	E Z BE	AP	18 46 06.9			2				
	-I Z JM	XP	18 46 16.1			4				
FUR	+I Z SL	P	18 45 43.-	1.3	2.56	9	5190	46.6	78.3	304.3
	+I Z SL	AP	18 46 08.-	1.5	1.60	3				
	-I Z SL	XP	18 46 19.-	1.8	2.83	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	PCP	18 47 12.-	1.7	2.00	2				
	-I Z SL	PP	18 47 27.-	1.5	1.82	3				
	+I Z SL	XPCP	18 47 47.-	2.5	2.83	4				
	+I Z SL	APP	18 47 52.-	1.8	2.42	9				
	+I Z SL	PPP	18 48 16.-	2.3	2.40	2				
	+I Z SL	-	18 48 39.-	2.3	2.52	4				
	+I Z SL	-	18 49 05.-	1.5	1.96	5				
STU	+I Z BE	P	18 45 51.5	1.0	2.19	4	5320	47.9	77.6	305.5
KRL	+E Z ST	P	18 46 30.5	1.0		2	5370	48.3	77.3	305.9
BUH	+I Z GT	P	18 45 56.8				5390	48.5	76.9	305.5
BNS	+I Z FS	P	18 45 58.0	1.5	1.90		5410	48.7	78.2	308.7
	-I Z FS	-	18 46 33.8	2.0	2.15					
	E Z FS	PP	18 48 34.-							

JAN 12 ERL
H= 20 20 14.6
LAT = 55.6 N
LONG= 163.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
OFF EAST COAST OF KAMCHATKA

GRF	E Z BE	P	20 31 42.2			1	8080	72.7	15.8	341.8

JAN 13 ERL
H= 13 54 16.3
LAT = 46.8 N
LONG= 152.5 E
DEPTH= 60 KM (GEOPHYSICIST)
MAGNITUDE= 5.2
KURIL ISLANDS

GRF	+E Z JM	P	14 06 11.2	0.8	1.66	4	8690	78.2	26.1	335.5

JAN 13 ERL
H= 17 24 22.6
LAT = 61.9 N
LONG= 147.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
EASTERN SIBERIA

BNS	+I Z FS	P	17 34 48.0	1.6	1.78		7010	63.0	20.0	332.8
GRF	+E Z BE	P	17 34 50.7	1.4	1.96	3	7040	63.3	21.6	329.6
FUR	+I Z SL	P	17 35 00.-	1.7	1.94	9	7190	64.7	21.4	328.9
	-I Z SL	AP	17 35 10.-	2.0	2.24	1				
	+I Z SL	PCP	17 35 36.-	1.8	1.87	2				
	-I Z SL	APCP	17 35 46.-	2.0	2.08	1				
	-I Z SL	S	17 35 53.-	1.5	1.86	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E SL	RM	18 05 00.-	14.5	3.92					
BUH	+I Z GT	P	17 35 01.0				7220	64.9	20.1	331.2

JAN 14 BCS
H= 22 10 03.0
LAT = 32.6 N
LONG= 47.5 E
IRAN-IRAQ BORDER REGION

JAN 14 ERL
H= 22 10 03.7
LAT = 32.8 N
LONG= 46.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
IRAN-IRAQ BORDER REGION

GRF	+I Z BE	P	22 16 22.0	0.8	1.31	2	3540	31.8	108.7	313.2

JAN 15 ERL
H= 03 39 17.0
LAT = 18.3 S
LONG= 174.6 W
DEPTH=130 KM
MAGNITUDE= 5.6
TONGA ISLANDS

BNS	E Z FS	PKP	03 58 47.2	1.5	2.28		16390	147.4	3.2	357.9
	E Z FS	-	03 59 23.0							
GRF	-E Z BE	PKP	03 58 50.2			2	16490	148.3	10.6	352.8
	-I Z JM	-	03 58 52.7			6				
	-E Z BE	-	03 59 27.2			2				
BUH	-I Z GT	PKP	03 58 52.5				16640	149.6	5.3	356.3
FUR	-I Z SL	PKP1	03 58 51.-	2.0	2.21	2	16660	149.8	11.2	352.1
	-I Z SL	PKHKP	03 58 56.-	1.7	2.28	7				
	-I Z SL	PKP2	03 59 06.-	1.7	2.31	4				
	+I Z SL	APKP	03 59 32.-	2.0	2.33	2				
	+I Z SL	APKP	03 59 43.-	1.5	2.15	4				
	+I Z SL	XPKP	04 00 02.-	2.0	2.33	2				

JAN 15
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	10 55 34.3			1				
	+E Z BE	-	10 55 36.9			2				
	E Z BE	-	10 56 23.5			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JAN 15 ERL
H= 19 21 20.8
LAT = 16.0 N
LONG= 91.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
MEXICO-GUATEMALA BORDER REGION

GRF	+E Z BE	P	19 33 58.4			3	9530	85.7	289.5	39.5

JAN 15 ERL
H= 20 21 50.1
LAT = 40.3 N
LONG= 79.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
SOUTHERN SINKIANG PROV., CHINA

HAM	E Z SX	P	20 30 28.-			1	5240	47.2	76.9	310.4
GRF	E Z BE	P	20 30 22.2			2	5260	47.3	74.3	305.1
	+E Z BE	P	20 30 24.0			2				
	+I Z BE	P	20 30 28.0			5				
	+I Z BE	-	20 30 30.6			2				
	-E Z BE	PP	20 32 23.1			4				
FUR	-I Z SL	P	20 30 25.-	1.8	2.51	4	5300	47.7	73.0	303.1
	-I Z SL	-	20 30 30.-	1.3	2.86	8				
	+I Z SL	AP	20 30 34.-	1.7	2.49	2				
	+I Z SL	PCP	20 31 49.-	1.9	2.34	4				
	-I Z SL	PP	20 32 14.-	2.0	2.33	2				
	+I Z SL	APP	20 32 23.-	3.0	3.25	8				
	N SL	QM	20 50 00.-	24.0	4.67					
	Z SL	RM	20 52 40.-	12.5	4.22					
HLG	Z SL	LR	20 41 13.-			2	5360	48.2	76.1	311.7
BNS	E Z FS	P	20 30 40.-	1.5	2.04		5500	49.4	72.9	307.7
	E Z SL	S	20 37 57.-							
	E Z SL	SS	20 41 42.-							
	E Z SL	LR	20 45 20.-	60.0						
	Z SL	-	20 55 00.-	18.0						
BUH	-E Z GT	P	20 30 38.5				5500	49.5	71.7	304.6

JAN 15 ERL
H= 20 46 41.6
LAT = 20.6 S
LONG= 176.2 W
DEPTH=245 KM
MAGNITUDE= 4.4
FIJI ISLANDS REGION

GRF	-E Z BE	PKP	21 06 05.4			3	16720	150.4	14.1	350.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 15 ERL H= 23 49 59.3 LAT = 40.2 N LONG= 73.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SOUTHERN SINKIANG PROV., CHINA										
GRF	+E Z BE	P	23 54 31.4	0.8	1.52	2	5250	47.2	74.6	335.2
JAN 16 ERL H= 23 58 17.4 LAT = 21.2 S LONG= 173.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 TONGA ISLANDS										
GRF	E Z BE	PKP1	00 18 09.-			2	16820	151.3	9.2	353.6
	E Z BE	PKP2	00 18 17.3			2				
JAN 17 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	00 04 11.3							
JAN 17 BCS H= 00 23 04.0 LAT = 44.2 N LONG= 8.2 E NORTHERN ITALY										
GRF	E Z BE	PG	00 24 58.3			1	650	5.9	201.7	19.5
	E N BE	SG	00 26 13.9			1				
JAN 17 BCS H= 04 04 13.0 LAT = 44.2 N LONG= 8.2 E NORTHERN ITALY										
BUH	E Z GT	P	04 05 20.5				500	4.5	180.3	0.2
GRF	E Z BE	PG	04 06 05.8			1	650	5.9	201.7	19.5
	E N BE	SG	04 07 03.-			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 17 ERL H= 04 18 59.2 LAT = 46.0 N LONG= 149.3 E DEPTH=125 KM MAGNITUDE= 5.0 KURIL ISLANDS										
GRF	E Z BE	P	04 30 45.0			1	8670	78.0	28.5	333.6
JAN 17 BCS H= 12 08 08.0 LAT = 44.2 N LONG= 8.2 E NORTHERN ITALY										
BUH	-E Z GT	PN	12 09 16.2				500	4.5	180.3	0.2
FUR	+I Z SL	PG	12 09 37.-	1.8	2.47	9	500	4.5	209.4	27.2
	-I Z SL	SN	12 10 05.-	2.0	2.58	4				
	-I Z SL	SB	12 10 18.-	1.3	2.25	7				
	+I Z SL	SG	12 10 23.-	1.8	2.42	1				
	Z SL	MAXIMUM	12 11 54.-	1.5	2.38					
KRL	-E Z ST	-	12 09 32.0	0.6		2	540	4.8	181.8	1.7
	+E Z ST	SN	12 10 18.0	1.0		3				
GRF	E Z BE	PN	12 09 32.6			1	650	5.9	201.7	19.5
	E Z BE	-	12 09 36.5			2				
	E Z BE	PG	12 09 57.7			2				
	E N BE	SG	12 10 37.5			1				
BNS	E Z FS	PN	12 09 57.5				760	6.8	173.8	354.5
	E E X	-	12 10 51.-							
JAN 17 BCS H= 14 13 19.0 LAT = 44.2 N LONG= 8.2 E NORTHERN ITALY										
GRF	E Z BE	PG	14 15 11.0			1	650	5.9	201.7	19.5
	E N BE	SG	14 16 24.5			1				
JAN 17 ERL H= 21 42 31.9 LAT = 1.9 S LONG= 99.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 SOUTHERN SUMATRA										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	21 55 32.5			1	10050	90.4	92.5	319.5
	-E Z BE	-	21 55 41.0			2				

JAN 18 ERL
H= 00 17 43.0
LAT = 56.5 N
LONG= 153.5 W
DEPTH= 23 KM
MAGNITUDE= 5.1
KODIAK ISLAND REGION

GRF	+I Z BE	P	00 29 15.7	0.9	1.63	3	8160	73.4	351.2	10.3
	-E Z BE	AP	00 29 23.3			2				

JAN 18 ERL
H= 12 43 27.8
LAT = 54.7 N
LONG= 161.4 E
DEPTH= 33 KM
MAGNITUDE= 5.6
NEAR EAST COAST OF KAMCHATKA

BNS	+I Z FS	P	12 54 53.3	1.8	2.20		8070	72.6	15.3	343.3
GRF	+I Z BE	P	12 54 57.3	1.3	2.60	8	8120	73.0	17.6	340.3
	E Z BE	-	12 55 08.3			1				
STU	+E Z BE	P	12 55 03.6	1.2	2.20	4	8260	74.3	16.3	341.3
FUR	+I Z SL	P	12 55 05.-	1.5	2.34	9	8280	74.5	17.5	339.8
	-I Z SL	AP	12 55 14.-	1.5	1.88	2				
	+I Z SL	XP	12 55 18.-	1.5	2.00	2				
	+I Z SL	PCP	12 55 22.-	1.9	2.50	4				
	+I Z SL	APCP	12 55 29.-	1.5	1.90	3				
BUH	+I Z GT	P	12 55 06.6				8290	74.6	15.8	341.9

JAN 18 ERL
H= 21 12 01.7
LAT = 37.5 N
LONG= 48.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
NORTHWESTERN IRAN

NOS= FELT AT ARDABIL, KHALKHAL AND RASHT.

GRF	E Z BE	P	21 18 03.7			1	3270	29.4	100.1	306.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PKP	22 14 13.3			1	13430	120.7	56.8	327.0
	E Z BE	PKP	22 14 19.2			3				
	E Z BE	S	22 24 14.3			2				
FUR	+I Z SL	PKP1	22 14 11.-	2.0	2.03	3	13510	121.5	57.6	325.4
	+I Z SL	APKP	22 14 17.-	1.7	1.94	3				
	+I Z SL	XPKP	22 14 23.-	1.5	1.90	7				
	+I Z SL	PP	22 15 50.-	2.0	2.47	7				
	E SL	QM	22 57 30.-	27.0	4.58					
	Z SL	RM	23 08 30.-	20.0	4.26					
BNS	E Z FS	PKP	22 14 21.-				13580	122.1	52.1	329.9
	E Z SL	LR	22 54 58.-	50.0						
	Z SL	-	23 05 30.-	25.0						
BUH	E Z GT	PKP	22 14 13.9				13670	122.9	54.4	327.3

JAN 18 ERL
H= 22 08 12.9
LAT = 4.7 S
LONG= 145.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.5
NEAR NORTH COAST OF NEW GUINEA

GRF	E Z BE	PKP	22 27 15.0			1	13420	120.7	56.7	327.0
	E Z BE	S	22 37 09.4			1				
FUR	-E Z SL	PKP1	22 27 07.-	2.0	2.11	9	13510	121.5	57.6	325.5
	-E Z SL	APKP	22 27 20.-	1.5	1.30	1				
	-I Z SL	XPKP	22 27 24.-	1.5	1.96	5				
	-I Z SL	APP	22 28 57.-	1.5	1.90	4				
	+I Z SL	XPP	22 29 03.-	1.5	1.92	4				

JAN 18 ERL
H= 23 26 11.9
LAT = 44.2 N
LONG= 8.2 E
DEPTH= 25 KM
MAGNITUDE= 4.1
NORTHERN ITALY

JAN 18 BCS
H= 23 26 19.0
LAT = 44.2 N
LONG= 8.2 E
NORTHERN ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
										JAN 1972

BCIS= MAIN SHOCK OF AN EARTHQUAKE SWARM. FELT (IV) AT MENTON AND (III) AT LORGUES, FRANCE.

BUH	E Z GT	PN	23 27 18.8				490	4.4	179.8	359.9
	E Z GT	-	23 27 19.8							
FUR	+I Z SL	PN	23 27 21.-	1.0	2.00	1	500	4.5	209.3	27.1
	+I Z SL	PB	23 27 34.-	1.0	1.45	1				
	+I Z SL	-	23 27 40.-	1.8	2.91	7				
	+I Z SL	PG	23 27 48.-	1.5	2.18	2				
	-I Z SL	SN	23 28 12.-	1.5	1.98	5				
	+I Z SL	SB	23 28 22.-	1.5	2.38	2				
	-I Z SL	SG	23 28 46.-	1.8	2.68	3				
	Z SL	MAXIMUM	23 29 30.-	1.5	2.86					
STU	-E Z BE	PN	23 27 20.0				510	4.6	188.6	7.9
	E E BE	SG	23 28 16.9	0.6	2.23	2				
KRL	-E Z ST	-	23 27 36.5	1.0		3	530	4.8	181.4	1.3
	-E Z ST	SN	23 28 28.4	1.5		3				
GRF	I Z JM	PN	23 27 37.0			1	650	5.8	201.6	19.4
	I Z JM	-	23 27 40.2			9				
	E Z BE	PG	23 28 02.5			4				
TNS	E Z SL	PN	23 27 41.0				670	6.0	181.4	1.3
	E Z SL	SN	23 28 46.0							
	E Z SL	SG	23 29 25.0							
BNS	E Z FS	PN	23 27 52.5				750	6.8	173.5	354.2
	E Z FS	-	23 27 55.8							
	E N X	SN	23 29 11.-							
	E Z FS	-	23 29 13.5							
	E E X	SG	23 29 56.-							

JAN 19 BCS
H= 00 37 04.0
LAT = 31.4 N
LONG= 13.8 W
MADEIRA ISLANDS REGION

JAN 19 ERL
H= 00 37 06.7
LAT = 31.2 N
LONG= 13.9 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
MADEIRA ISLANDS REGION

NOS= FELT (IV) AT FUNCHAL. BELIEVED TO BE THE FIRST RELIABLE HYPOCENTER IN THIS REGION. AN EARLIER, NEARBY EVENT APPEARED ON PDE 40-69.

BUH	+E Z GT	P	00 42 22.3				2670	24.0	232.1	37.7
GRF	+I Z BE	P	00 42 44.3	1.1	1.78	2	2910	26.2	235.1	38.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JAN 19
NO DETERMINATION OF EPICENTER

BUH	+I Z GT	PN	09 57 52.7							

JAN 19 ERL
H= 15 00 54.2
LAT = 4.7 S
LONG= 145.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.8
NEAR NORTH COAST OF NEW GUINEA

GRF	E Z BF	PKP	15 20 24.8			2	13410	120.6	56.8	327.0
	E Z BE	-	15 21 07.0			1				
FUR	-I Z SL	PKP1	15 19 48.-	1.5	1.60	9	13500	121.4	57.6	325.4
	+I Z SL	APKP	15 19 56.-	1.9	1.96	1				
	+I Z SL	-	15 20 21.-	1.8	1.87	1				
	-I Z SL	PP	15 21 20.-	5.0	3.40	7				
	Z SL	RM	16 17 00.-	18.0	4.19					
BNS	E Z SL	PP	15 21 27.-				13570	122.0	52.1	329.9
	E Z SL	-	15 31 18.-							
	Z SL	LR	16 00 00.-	60.0						
	Z SL	-	16 11 00.-	23.0						

JAN 19
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	15 34 19.0							

JAN 19 ERL
H= 17 40 17.6
LAT = 39.7 N
LONG= 143.4 E
DEPTH= 32 KM
MAGNITUDE= 4.6
OFF EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	17 52 33.6			1	9060	81.5	35.3	330.9

JAN 19 ERL
H= 20 21 53.8
LAT = 60.1 S
LONG= 150.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
WEST OF MACQUARIE ISLAND

FUR	+I Z SL	XPKP	20 41 55.-	1.9	2.13	5	17090	153.7	132.4	261.4
	-I Z SL	PKP2	20 42 03.-	1.5	1.72	1				
	-I Z SL	XPKP	20 42 15.-	2.0	2.26	3				
	+I Z SL	-	20 42 32.-	1.9	2.26	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PKP	20 41 58.8			1	17200	154.7	130.0	264.0

JAN 20 ERL
H= 00 52 21.4
LAT = 36.7 N
LONG= 27.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
DODECANESE ISLANDS

JAN 20 BCS
H= 00 52 22.0
LAT = 36.5 N
LONG= 27.2 E
DODECANESE ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	P	00 56 13.-	1.5	2.00	3	1820	16.3	128.9	319.6
	+E Z SL	PPP	00 56 31.-	3.0	2.61	2				
GRF	E Z BE	P	00 56 23.3			2	1930	17.4	132.6	323.5
BUH	+E Z GT	P	00 56 35.0				2030	18.3	124.1	317.0
BNS	E Z FS	P	00 56 55.2				2240	20.2	127.5	321.4
	E Z FS	-	00 57 14.-							

JAN 20 ERL
H= 02 15 06.7
LAT = 36.6 N
LONG= 27.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
DODECANESE ISLANDS

JAN 20 BCS
H= 02 15 10.0
LAT = 36.5 N
LONG= 27.2 E
DODECANESE ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	P	02 19 01.-	1.5	2.00	5	1830	16.5	129.0	319.8
	-I Z SL	PPP	02 19 19.-	1.5	1.81	4				
	+I Z SL	-	02 19 35.-	2.0	2.05	3				
	+I Z SL	-	02 20 07.-	2.0	2.15	3				
GRF	E Z BE	P	02 19 10.8			1	1940	17.5	132.7	323.6
BUH	+E Z GT	P	02 19 21.0				2050	18.4	124.2	317.1
BNS	+E Z FS	P	02 19 41.5	1.6	1.78		2260	20.3	127.5	321.5
	E Z FS	-	02 19 54.5							
HAM	E Z SX	P	02 19 45.-			3	2310	20.7	137.7	330.8

JAN 20 ERL
H= 11 36 28.6
LAT = 36.4 N
LONG= 70.7 E
DEPTH=213 KM
MAGNITUDE= 6.0
HINDU KUSH REGION

JAN 20 BCS
H= 11 36 41.0
LAT = 36.5 N
LONG= 70.5 E
DEPTH=315 KM
HINDU KUSH REGION

NOS= FELT AT WARSAK, PAKISTAN. MPV= 6.1 (BNS)

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+I Z BE	P	11 44 20.2	1.1	2.70	9	4930	44.4	84.1	306.8
	E Z BE	-	11 44 39.1			1				
	-E Z BE	PP	11 45 59.0			3				
	E Z BE	APP	11 46 07.7			1				
	-E Z BE	PCS	11 49 29.2			2				
FUR	+I Z SL	P	11 44 21.-	1.7	2.96	9	4950	44.5	82.6	304.7
	-I Z SL	-	11 44 40.-	1.5	2.00	3				
	-I Z SL	-	11 44 56.-	2.0	2.58	4				
	+I Z SL	AP	11 45 06.-	2.0	2.47	9				
	-I Z SL	-	11 45 11.-	1.8	2.42	5				
	-I Z SL	-	11 45 56.-	1.8	2.40	3				
	+I Z SL	PP	11 46 08.-	1.8	2.42	2				
	-I Z SL	-	11 47 50.-	2.5	2.79	4				
	+I Z SL	-	11 47 53.-	2.0	2.51	3				
HAM	E Z SX	P	11 44 23.-			9	4990	44.9	87.0	312.3
STU	+I Z BE	P	11 44 30.5	1.5	3.81	7	5090	45.8	81.8	305.8
KRL	+E Z ST	P	11 44 35.2	1.5		9	5140	46.3	81.5	306.2
BUH	+I Z GT	P	11 44 35.5				5160	46.4	81.1	305.8
	+I Z GT	P	11 46 05.1							
	-E Z GT	P	11 49 32.4							
BNS	+I Z FS	P	11 44 38.1	1.8	2.68		5200	46.8	82.5	309.0
	E Z FS	-	11 45 26.-							
	E Z FS	-	11 46 03.-							

JAN 20 BCS
H= 18 49 15.0
LAT = 44.2 N
LONG= 8.2 E
NORTHERN ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PN	18 50 23.2				500	4.5	180.3	0.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I E SL	-	18 50 44.-	1.5	1.72	7	500	4.5	209.4	27.2
	+I E SL	PG	18 50 51.-	2.0	1.99	2				
	+E E SL	SN	18 51 22.-	2.0	1.81	6				
	E SL	MAXIMUM	18 52 20.-	1.5	1.64					
GRF	E Z BE	PN	18 50 43.5			1	650	5.9	201.7	19.5
	E Z BE	PG	18 51 06.1			1				
	+E Z BE	-	18 51 15.2			3				
	E N BE	SG	18 51 42.0			1				

JAN 20
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	18 57 37.3							

JAN 21 BCS
H= 01 09 26.0
LAT = 43.8 N
LONG= 6.4 E
NEAR SOUTH COAST OF FRANCE

BCIS= FELT (III-IV) AT CASTELLANE AND (II) AT SAINT ANDRE DES ALPES.

BUH	E Z GT	PN	01 10 56.4				560	5.0	195.3	13.9
FUR	-I Z SL	SB	01 12 20.-	1.5	1.51	2	620	5.5	219.7	36.2
	-E Z SL	SG	01 12 28.0	1.9	1.66	3				
GRF	E Z BE	PG	01 11 34.8			1	750	6.8	211.1	27.6

JAN 21
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	10 30 49.5	1.5	2.00					
	E Z FS	-	10 32 53.0							

JAN 21 ERL
H= 11 00 48.4
LAT = 24.7 N
LONG= 125.0 E
DEPTH= 62 KM
MAGNITUDE= 4.8
SOUTHWESTERN RYUKYU ISLANDS

GRF	E Z BE	P	11 13 21.0			1	9520	85.6	56.6	323.4

JAN 21
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	11 00 58.2			1				
	E Z BE	PG	11 01 03.2			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E N BE	SG	11 01 34.5			2				

JAN 21
NO DETERMINATION OF EPICENTER

GRF	I Z JM	PN	14 20 57.0			1				
	E Z JM	PG	14 21 03.7			2				
	I N BE	SG	14 21 26.8			4				

JAN 21 ERL
H= 14 43 42.5
LAT = 71.9 N
LONG= 74.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.5
BAFFIN ISLAND REGION

GRF	E Z BE	P	14 51 40.5			1	4730	42.5	332.5	73.4

JAN 21 ERL
H= 19 18 57.2
LAT = 6.7 S
LONG= 71.9 W
DEPTH=562 KM
MAGNITUDE= 5.6
WESTERN BRAZIL

BUH	-I Z GT	P	19 30 50.3				9840	88.5	258.2	40.8
	E Z GT	P	19 32 54.0							
STU	-E Z BE	P	19 30 53.5	1.0	2.23	4	9910	89.1	258.9	40.8
FUR	+I Z SL	P	19 31 01.-	1.5	2.08	9	10050	90.4	260.5	41.7
HAM	E Z SX	P	19 31 01.-			4	10060	90.5	259.5	36.3
GRF	-E Z JM	P	19 31 00.7	1.5	2.17	2	10080	90.6	260.4	40.1
	E Z BE	AP	19 33 03.5			2				

JAN 22 ERL
H= 07 15 52.6
LAT = 46.4 N
LONG= 141.1 E
DEPTH= 53 KM
MAGNITUDE= 4.9
SAKHALIN ISLAND

GRF	-E Z BE	P	07 27 30.3			2	8330	74.9	33.3	328.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 22 ERL H= 13 08 50.3 LAT = 14.0 N LONG= 91.0 W DEPTH=102 KM MAGNITUDE= 5.5 GUATEMALA										
HLG	-E Z SL	-	13 21 11.-			1	9330	83.9	285.3	35.7
	Z SL	L	13 49 00.-			4				
BNS	-E Z FS	P	13 21 10.0	1.5	1.48		9380	84.3	285.1	39.0
	-I Z FS	-	13 21 29.8	1.3	1.85					
HAM	E Z SX	P	13 21 18.-			2	9480	85.2	287.0	36.1
	E Z SX	PP	13 21 35.-			3				
STU	E Z BE	P	13 21 26.5	1.5	2.13	2	9580	86.2	285.8	40.7
GRF	+E Z JM	P	13 21 26.3			3	9690	87.2	288.2	39.5
	+E Z JM	-	13 21 43.6			2				
FUR	+I Z SL	P	13 21 29.-	1.5	1.60	9	9750	87.7	288.4	40.9
	+I Z SL	AP	13 21 58.-	2.0	2.33	2				
	-I Z SL	XP	13 22 09.-	1.5	1.90	2				
	-I Z SL	-	13 22 56.-	2.0	2.29	3				
	+I Z SL	PP	13 24 56.-	1.9	2.13	3				
	Z SL	RM	14 00 30.-	20.0	3.76					
JAN 22 ERL H= 21 50 38.9 LAT = 20.5 S LONG= 172.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 NEW HEBRIDES ISLANDS REGION										
HLG	E Z SL	PKP	22 10 37.-			2	16060	144.5	24.7	344.8
HAM	E Z SX	PKP	22 10 14.-			2	16070	144.6	28.3	342.4
GRF	-E Z BE	PKP1	22 10 21.9			2	16390	147.4	33.2	337.7
	+E Z BE	PKP2	22 10 32.2			3				
	-E Z BE	-	22 10 42.6			4				
	E Z BE	-	22 11 04.8			2				
BNS	E Z FS	PKP	22 10 20.-	1.6	2.11		16410	147.6	25.6	343.0
	E Z FS	-	22 11 04.5							
FUR	-I Z SL	PKP1	22 10 20.-	3.0	2.68	3	16530	148.6	34.7	336.0
	+I Z SL	-	22 10 27.-	2.0	2.33	3				
	-I Z SL	XPKP	22 10 34.-	1.9	2.48	3				
	-I Z SL	APKP	22 10 40.-	1.7	2.31	4				
	-I Z SL	XPKP	22 10 45.-	1.9	2.71	4				
	Z SL	PM	23 08 30.-	27.0	3.88					
STU	E Z BE	PKP	22 10 24.5	2.5	2.47	1	16550	148.9	30.7	338.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
KRL	+E Z ST	PKP	22 10 27.1	1.5		2	16560	148.9	29.2	340.0
BUH	-E Z GT	PKP	22 10 25.7				16600	149.3	29.1	339.9
JAN 22 ERL H= 22 37 41.1 LAT = 18.1 S LONG= 174.6 W DEPTH=135 KM MAGNITUDE= 5.2 TONGA ISLANDS										
BNS	-E Z FS	PKP	22 57 10.0	1.0	1.70		16370	147.2	3.1	357.9
	E Z FS	-	22 57 45.-							
GRF	-E Z BE	PKP	22 57 12.4			1	16470	148.1	10.5	352.9
BUH	E Z GT	PKP	22 57 15.2				16620	149.4	5.3	356.3
FUR	+E Z SL	PKP1	22 57 12.-	2.0	2.08	2	16640	149.6	11.1	352.2
	-I Z SL	PKHKP	22 57 19.-	1.3	2.08	3				
	+E Z SL	PKP2	22 57 23.-	2.0	2.03	3				
JAN 23 ERL H= 02 06 01.2 LAT = 23.6 N LONG= 102.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 YUNNAN PROVINCE,CHINA										
GRF	E Z BE	P	02 17 30.7			2	8150	73.3	73.2	317.3
FUR	+I Z SL	P	02 17 34.-	1.5	1.94	2	8190	73.7	72.8	315.8
	+I Z SL	-	02 17 38.-	1.7	2.11	2				
BUH	E Z GT	P	02 17 44.2				8390	75.5	70.8	316.9
JAN 23 BCS H= 11 46 22.0 LAT = 44.2 N LONG= 8.2 E NORTHERN ITALY										
BUH	E Z GT	PN	11 47 27.5				500	4.5	180.3	0.2
FUR	+I Z SL	-	11 47 50.-	1.5	1.60	2	500	4.5	209.4	27.2
	+I Z SL	PG	11 47 57.-	2.0	2.03	9				
	-I Z SL	SN	11 48 26.-	2.0	2.03	9				
	-E Z SL	SB	11 48 34.-	2.2	2.17	3				
	+I Z SL	SG	11 48 48.-	1.5	1.60	3				
	Z SL	MAXIMUM	11 49 30.-	2.0	2.26					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						1	650	5.9	201.7	19.5
GRF	E Z JM	PN	11 47 49.1			1				
	E Z BE	PG	11 48 10.3			2				
	E N BE	SN	11 48 46.9							
JAN 23 ERL										
H= 12 54 16.1										
LAT = 20.9 S										
LONG= 178.6 W										
DEPTH=603 KM										
MAGNITUDE= 4.8										
FIJI ISLANDS REGION										
GRF	E Z BE	PKP	13 13 01.8			2	16700	150.2	18.8	347.1
JAN 23 ERL										
H= 21 17 52.1										
LAT = 13.2 S										
LONG= 166.4 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.9										
NEW HEBRIDES ISLANDS										
HLG	+I Z SL	PKP	21 37 23.-			6	15090	135.7	30.8	342.0
	+I Z SL	PKIKP	21 37 39.-			6				
	+I Z SL	PP	21 40 05.-			4				
GRF	E Z BE	PKP2	21 37 06.5			1	15380	138.3	37.9	335.8
	E Z BE	-	21 47 37.2			1				
	E Z BE	-	21 49 25.2			1				
BNS	-E Z FS	PKP	21 37 17.5				15420	138.7	31.6	340.1
	E Z FS	-	21 37 22.-	5.0	3.41					
	E Z FS	PP	21 40 08.-	5.5	3.60					
	E Z SL	PPS	21 52 22.-							
	E Z SL	SS	21 59 45.-							
	E Z SL	LR	22 23 14.-	60.0						
	Z SL	-	22 35 30.-	25.0						
FUR	-I Z SL	PKP1	21 37 09.-	1.7	2.00	3	15510	139.4	39.1	334.3
	+I Z SL	-	21 37 16.-	2.0	2.33	3				
	-I Z SL	APKP	21 37 20.-	1.8	2.10	6				
	-I Z SL	XPKP	21 37 23.-	2.0	2.43	5				
	+I Z SL	-	21 37 30.-	4.6	3.44	9				
	-I Z SL	XPP	21 40 23.-	6.0	3.88	9				
	E SL	RM	22 33 00.-	23.0	4.54					
KRL	-E Z ST	PKP	21 37 28.0	5.0		3	15560	139.9	34.6	337.4
BUH	E Z GT	PKP	21 37 13.0				15600	140.2	34.5	337.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 23 ERL										
H= 21 34 37.7										
LAT = 13.0 S										
LONG= 166.2 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.1										
NEW HEBRIDES ISLANDS										
GRF	E Z BE	PKP	21 53 47.8			1	15350	138.0	38.1	335.7
	E Z BE	-	21 56 44.3			1				
JAN 24 ERL										
H= 03 47 50.0										
LAT = 20.4 S										
LONG= 172.9 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.2										
NEW HEBRIDES ISLANDS REGION										
GRF	E Z BE	PKP	04 07 31.8			1	16380	147.3	33.1	337.8
FUR	-I Z SL	PKP1	04 07 36.-	2.0	2.21	3	16520	148.6	34.6	336.1
	+I Z SL	PKP2	04 07 45.-	1.5	1.64	1				
	-I Z SL	APKP	04 07 47.-	2.0	2.21	3				
	-I Z SL	-	04 07 52.-	2.0	2.33	4				
	+I Z SL	-	04 08 04.-	2.4	2.44	9				
BUH	I Z GT	PKP	04 07 31.8				16590	149.2	29.0	340.0
JAN 24 ERL										
H= 03 55 42.5										
LAT = 13.0 S										
LONG= 166.4 E										
DEPTH= 28 KM										
MAGNITUDE= 5.6										
NEW HEBRIDES ISLANDS										
GRF	E Z BE	PKP	04 15 05.4			2	15360	138.2	37.8	335.9
	E Z BE	-	04 17 25.2			1				
BNS	E Z FS	PKP	04 15 10.5				15410	138.6	31.5	340.2
	E Z FS	-	04 17 59.-							
FUR	-I Z SL	PKP1	04 15 02.-	2.0	2.29	5	15490	139.3	39.0	334.4
	+I Z SL	APKP	04 15 13.-	2.0	2.21	4				
	-I Z SL	PP	04 17 56.-	2.0	2.21	5				
	+I Z SL	APP	04 18 06.-	1.8	2.10	2				
	+I Z SL	XPP	04 18 13.-	2.0	2.21	5				
BUH	I Z GT	PKP	04 15 03.3				15580	140.1	34.4	337.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 24 ERL H= 04 30 02.6 LAT = 3.5 N LONG= 123.8 E DEPTH=417 KM MAGNITUDE= 5.3 CELEBES SEA										
GRF	E Z BE	PKP	04 47 31.6			2	11310	101.7	70.2	322.2
JAN 24 ERL H= 09 41 31.9 LAT = 15.4 N LONG= 45.8 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 NORTH ATLANTIC RIDGE										
BNS	E Z FS	P	09 51 05.3	1.8	1.78		6140	55.2	249.8	38.0
FUR	+E Z SL	P	09 51 16.-	2.0	2.03	9	6330	56.9	255.3	42.2
	-I Z SL	XP	09 51 27.-	1.5	1.78	2				
	+I Z SL	PCP	09 52 11.-	1.5	1.60	5				
JAN 24 ERL H= 19 38 07.1 LAT = 26.1 S LONG= 177.2 W DEPTH= 92 KM MAGNITUDE= 5.5 SOUTH OF FIJI ISLANDS										
GRF	E Z BE	PKP	19 57 51.0			1	17300	155.6	18.7	346.6
	-E Z BE	APKP	19 58 16.7			2				
	E Z BE	-	19 58 42.8			2				
	E Z BE	PP	20 01 52.7			3				
FUR	-I Z SL	PKP1	19 57 53.-	1.9	1.96	9	17460	157.0	19.9	345.3
	+I Z SL	PKP2	19 58 25.-	2.0	2.21	9				
JAN 24 ERL H= 22 53 34.2 LAT = 43.2 N LONG= 143.8 E DEPTH=142 KM MAGNITUDE= 5.1 HOKKAIDO, JAPAN REGION										
GRF	+I Z JM	P	23 05 22.5	0.9	1.76	3	8740	78.6	33.4	330.8
FUR	+I Z SL	P	23 05 29.-	1.8	1.87	9	8880	79.9	33.2	329.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 25 ERL H= 01 02 28.1 LAT = 5.0 S LONG= 68.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 CHAGOS ARCHIPELAGO REGION										
GRF	E Z BE	P	01 13 58.6			2	8180	73.5	119.0	325.2
	E Z BE	PCP	01 14 06.4			2				
JAN 25 ERL H= 02 06 23.3 LAT = 22.5 N LONG= 122.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.3 TAIWAN REGION										
NOS= ONE KILLED, FIVE HOUSES DESTROYED AND SOME DAMAGE TO ROADS ON TAIWAN. FELT (III JMA) ON SOUTHERN RYUKYU ISLANDS, (V RF) ON NORTHERN LUZON, PHILIPPINE ISLANDS, AND (IV) AT HONG KONG. MAG. 7.1 (BRK).										
HAM	-I Z HZ	P	02 18 53.2			2	9410	84.6	59.3	326.3
HLG	Z X	P	02 19 00.-	2.0		2	9480	85.3	57.7	327.5
	Z X	-	02 19 05.-	2.0	3.30	3				
	Z X	PP	02 22 21.-	2.4	3.26	2				
GRF	E Z JM	P	02 19 01.3			2	9540	85.8	60.0	322.6
	-I Z JM	-	02 19 01.8			5				
	-I Z JM	-	02 19 08.7			9				
	E Z GL	S	02 29 28.0			4				
FUR	-I Z SL	P	02 19 05.-	2.0	2.96	9	9620	86.5	59.9	321.2
	E SL	QM	02 49 30.-	13.0	5.06					
BOC	+I Z B4	P	02 19 14.5	2.0	3.61	4	9680	87.0	57.1	325.4
	E E B4	S	02 29 32.0	8.0	4.45	3				
	E B4	MAXIMUM	02 54 00.-	22.0	6.00					
TNS	E Z SL	P	02 19 06.-			8	9680	87.1	57.9	324.0
BNS	-E Z FS	P	02 19 09.-	2.8	3.53		9710	87.4	57.0	325.0
	-I Z FS	-	02 19 15.5							
	-I Z SL	-	02 19 16.-	16.0						
	E Z SL	PP	02 22 23.5	3.5						
	E Z FS	S	02 29 34.-							
	E Z SL	LR	02 47 20.-	55.0						
	Z FS	-	02 59 00.-							
	Z FS	-	03 02 30.-	14.0	5.48					
STU	E Z BE	P	02 19 09.1	3.0	3.95	2	9720	87.4	58.4	322.5
	+E N SL	S	02 29 50.0							
KRL	-E Z ST	P	02 19 11.2	1.8		4	9760	87.7	57.9	322.9
	+E E KH	S	02 29 36.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	I Z GT	P	02 19 08.9				9790	88.0	57.7	322.7
	-I Z GT	P	02 19 18.6							

JAN 25
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	02 37 10.9			2				

JAN 25 ERL
H= 03 41 23.7
LAT = 23.0 N
LONG= 122.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.9
TAIWAN REGION

NOS= FELT ON TAIWAN, (II JMA) SOUTHERN RYUKYU ISLANDS AND (III) ON NORTHERN LUZON, PHILIPPINE ISLANDS.

HAM	E Z SX	P	03 53 54.-			2	9350	84.1	59.0	326.2
GRF	+E Z JM	P	03 53 58.7			4	9480	85.3	59.7	322.5
	-I Z JM	-	03 54 02.5			9				
BNS	-E Z FS	P	03 54 05.5	2.7	3.05		9660	86.8	55.8	325.0
	-I Z FS	-	03 54 19.3							
	E Z FS	PP	03 57 23.-							
	Z FS	-	04 37 15.-	14.0						
KRL	+E Z ST	P	03 54 09.1	1.2		4	9700	87.2	57.6	322.9

JAN 25 ERL
H= 05 41 39.7
LAT = 35.6 N
LONG= 69.8 E
DEPTH= 74 KM
MAGNITUDE= 5.4
HINDU KUSH REGION

GRF	+I Z BE	P								
	+I Z BE	AP	05 49 44.7	1.6	2.41	4	4920	44.3	85.6	307.4
			05 50 09.4			6				
FUR	-I Z SL	P								
	+I Z SL	XP	05 49 45.-	1.5	2.00	3	4930	44.4	84.1	305.2
	+I Z SL	PCP	05 50 15.-	1.8	2.05	2				
	+I Z SL	-	05 51 28.-	1.5	1.90	4				
			05 52 19.-	1.5	1.81	2				

JAN 25 ERL
H= 10 02 40.3
LAT = 53.9 N
LONG= 160.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
NEAR EAST COAST OF KAMCHATKA

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	10 14 12.3			2	8200	73.7	18.2	340.0

JAN 25 ERL
H= 11 20 38.0
LAT = 42.7 N
LONG= 144.1 E
DEPTH=105 KM
MAGNITUDE= 4.7
HOKKAIDO, JAPAN REGION

GRF	E Z JM	P	11 32 32.5			1	8800	79.2	33.4	331.0
	E Z BE	P	11 32 38.2			3				

JAN 25 ERL
H= 15 04 28.4
LAT = 22.5 N
LONG= 141.9 E
DEPTH=220 KM (GEOPHYSICIST)
MAGNITUDE= 5.2
VOLCANO ISLANDS REGION

GRF	E Z JM	P	15 17 30.6			2	10660	95.8	44.8	330.3

JAN 25 ERL
H= 20 24 38.9
LAT = 43.8 N
LONG= 13.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.5
CENTRAL ITALY

JAN 25 BCS
H= 20 24 39.0
LAT = 43.7 N
LONG= 13.5 E
CENTRAL ITALY

NOS= FELT AT ANCONA, PESARO AND NEARBY REGIONS.

FUR	-I Z SL	PN	20 25 50.-	2.0	2.26	3	520	4.7	160.5	342.0
	+I Z SL	PB	20 26 02.-	1.5	1.15	4				
	-I Z SL	PG	20 26 23.-	1.5	1.86	1				
	+I Z SL	-	20 26 36.-	1.3	2.46	4				
	-I Z SL	SN	20 26 44.-	1.3	2.60	5				
	+I Z SL	SB	20 27 00.-	2.0	2.81	9				
	+I Z SL	SG	20 27 20.-	1.5	2.34	6				
	Z SL	MAXIMUM	20 27 50.-	1.5	2.83					
BUH	-E Z GT	PN	20 26 09.2				680	6.1	141.9	325.6
GRF	E Z JM	PN	20 26 08.0			2	680	6.1	164.9	346.5
	E Z JM	PG	20 26 31.6			4				
	E N GT	SN	20 27 16.8			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
KRL	+E Z ST	-	20 26 20.2	0.9		2	700	6.3	144.8	328.4
	+E Z ST	SN	20 27 18.5							
BNS	+I Z FS	PN	20 26 41.3				930	8.4	147.2	331.8
	E Z FS	-	20 27 13.2							
	E Z FS	SN	20 28 15.0							

JAN 25 BCS
H= 21 16 47.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FUR	+I Z SL	-	21 18 44.-	1.9	2.07	3	520	4.7	160.9	342.4
	-I Z SL	SG	21 19 30.-	1.5	1.68	3				
	Z SL	MAXIMUM	21 20 30.-	2.0	2.21					
BUH	E Z GT	PG	21 18 16.0				680	6.1	142.3	326.0
GRF	E Z BE	PG	21 18 04.-			1	690	6.2	165.1	346.7
	E N BE	SG	21 19 22.-			1				

JAN 25 BCS
H= 23 22 17.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

JAN 25 ERL
H= 23 22 17.1
LAT = 43.8 N
LONG= 13.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
CENTRAL ITALY

NOS= FELT AT ANCONA, PESARO AND NEARBY REGIONS.

FUR	-I Z SL	PB	23 23 38.-	1.8	2.17	2	520	4.7	160.9	342.4
	-I Z SL	PG	23 23 58.-	1.5	2.00	9				
	-I Z SL	-	23 24 15.-	1.5	2.00	4				
	+I Z SL	SN	23 24 27.-	1.2	2.42	3				
	-I Z SL	SB	23 24 38.-	1.5	1.90	3				
	-I Z SL	SG	23 24 52.-	1.3	2.38	3				
	Z SL	MAXIMUM	23 25 30.-	1.7	2.81					
BUH	-E Z GT	PN	23 23 42.3				680	6.1	142.3	326.0
GRF	I Z JM	PN	23 23 47.1			5	690	6.2	165.1	346.7
	E Z JM	PG	23 24 16.7			2				
	E N BE	SN	23 24 54.3			1				
BNS	E Z FS	PN	23 24 20.-				930	8.4	147.4	332.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z FS	SN	23 25 52.5							
	E Z FS	SG	23 26 51.-							

JAN 26 ERL
H= 03 41 57.1
LAT = 2.6 S
LONG= 102.5 E
DEPTH=174 KM
MAGNITUDE= 5.5
SOUTHERN SUMATRA

GRF	E Z JM	P	03 54 51.2	0.8	1.52	2	10320	92.8	90.7	319.5
	E Z BE	PP	03 58 34.8			2				
BUH	+E Z GT	P	03 54 59.5				10540	94.8	88.5	318.4

JAN 26
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	04 43 38.8		2	
	E Z BE	-	04 43 45.8		4	

JAN 26 BCS
H= 10 50 09.0
LAT = 43.8 N
LONG= 13.4 E
CENTRAL ITALY

JAN 26 ERL
H= 10 50 09.2
LAT = 43.9 N
LONG= 13.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
CENTRAL ITALY

BUH	E Z GT	PN	10 51 38.8				670	6.1	141.8	325.5
GRF	E Z JM	PN	10 51 37.3			1	680	6.1	164.9	346.5
	E Z BE	PG	10 52 07.0			2				
	E N GT	SN	10 52 45.6			1				

JAN 26 ERL
H= 18 52 23.1
LAT = 42.8 N
LONG= 145.5 E
DEPTH= 48 KM
MAGNITUDE= 4.6
HOKKAIDO, JAPAN REGION

GRF	+E Z BE	P	19 04 28.0			4	8850	79.6	32.4	331.8
	E Z BE	AP	19 04 43.9			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 26 ERL H= 23 J0 24.4 LAT = 20.2 S LONG= 179.0 W DEPTH=668 KM MAGNITUDE= 5.7 FIJI ISLANDS REGION										
HLG	+I Z X	PKP	23 18 52.8	2.0	3.29	3	16200	145.7	11.4	352.9
HAM	E Z SX	PKP	23 18 51.-			6	16240	145.1	15.1	350.5
BNS	-I Z FS	PKP	23 18 54.9				16560	148.9	11.2	352.5
	I Z FS	-	23 19 00.2	1.0	3.06					
	I Z FS	-	23 19 30.5							
	E Z FS	APKP	23 21 27.5							
	E Z SL	PP	23 22 30.-							
	E Z SL	PS	23 25 55.-							
GRF	E Z BE	PKP	23 18 56.3			3	16620	149.5	19.0	347.0
	+E Z JM	-	23 18 58.0	1.4	2.55	9				
	+I Z BE	-	23 19 04.1			9				
	I Z BE	-	23 19 11.9			9				
	E Z BE	SKP	23 21 30.5			2				
	+I Z BE	XPKP	23 21 37.1			2				
KRL	-I Z ST	PKP	23 19 06.9	0.9		9	16750	150.6	14.2	350.1
STU	+E Z BE	PKP	23 18 58.2	1.0	1.78	2	16760	150.7	15.8	348.9
FUR	-I Z SL	PKP1	23 18 59.-	1.8	2.35	6	16780	150.9	20.0	345.9
	-I Z SL	PKHKP	23 19 06.-	1.8	3.19	9				
	-I Z SL	PKP2	23 19 16.-	1.8	2.95	9				
	+I Z SL	APKP	23 21 34.-	2.0	2.91	5				
	-I Z SL	PP	23 22 46.-	2.0	2.94	3				
BUH	-E Z GT	PKP	23 18 59.2							
	E Z GT	PKP	23 19 06.2				16790	151.0	14.0	350.2
	E Z GT	PKP	23 19 16.7							
JAN 26 ERL H= 23 J9 01.7 LAT = 20.3 S LONG= 178.7 W DEPTH=686 KM MAGNITUDE= 4.9 FIJI ISLANDS REGION										
BNS	I Z FS	PKP	23 27 37.5	1.3	1.85		16580	149.1	10.8	352.8
GRF	-I Z BE	PKP	23 27 39.0	1.0	1.78	2	16640	149.6	18.6	347.2
	+I Z BE	-	23 27 47.1			4				
	E Z BE	-	23 29 06.7			2				
	E Z BE	SKP	23 30 17.6			2				
FUR	+I Z SL	PKP1	23 27 33.-	2.0	2.21	9	16800	151.1	19.6	346.1
	+I Z SL	PKP2	23 27 53.-	1.5	1.83	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 26 ERL H= 23 32 36.5 LAT = 20.2 S LONG= 179.0 W DEPTH=689 KM MAGNITUDE= 5.1 FIJI ISLANDS REGION										
BNS	-I Z FS	PKP	23 51 10.6	1.3	2.38		16560	148.9	11.3	352.5
GRF	E Z BE	PKP	23 51 06.6			3	16620	149.4	19.1	346.9
	-I Z BE	-	23 51 12.2	1.0	2.05	6				
	+I Z BE	-	23 51 20.2			9				
STU	+E Z BE	PKP	23 51 08.6	1.2	1.80	3	16760	150.7	15.9	348.9
BUH	-E Z GT	PKP	23 51 15.4				16790	151.0	14.1	350.1
	E Z GT	PKP	23 51 25.8							
JAN 27 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	01 18 36.-	2.0	2.24	3				
	+I Z SL	-	01 18 47.-	1.5	1.83	2				
JAN 27 NO DETERMINATION OF EPICENTER										
GRF	+E Z BE	P	04 32 30.4	1.0	1.57	3				
	+E Z BE	-	04 32 38.2			2				
JAN 28 ERL H= 01 16 21.7 LAT = 19.4 S LONG= 169.1 E DEPTH=124 KM MAGNITUDE= 6.1 NEW HEBRIDES ISLANDS										
HAM	E Z SX	PKP	01 35 37.-			3	15830	142.4	33.3	339.6
GRF	-E Z BE	PKP	01 35 45.0	2.4	3.23	9	16120	145.0	38.2	334.8
	+I Z BE	-	01 35 46.2			9				
	-E Z BE	SKP	01 39 06.0			2				
	-I Z BE	PP	01 39 15.2			4				
	E Z BE	-	01 46 07.6			1				
	E Z BE	PS	01 51 11.9			1				
BNS	-I Z FS	PKP	01 35 46.0	2.0	3.37		16170	145.4	31.0	339.8
	-I Z SL	-	01 35 46.-	11.0						
	+I Z SL	APKP	01 36 16.-							
	E Z FS	PP	01 39 08.5							
	E Z SL	LR	02 25 16.-	52.0						
	Z SL	-	02 28 00.-	40.0						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
TNS	2I Z SL	PKP	01 35 44.0			9	16190	145.6	33.6	337.9
FUR	-I Z SL	PKP1	01 35 47.-	2.0	3.30	9	16250	146.1	39.7	333.0
	-I Z SL	APKP	01 36 14.-	1.8	2.59	5				
	+I Z SL	PP	01 39 10.-	1.8	2.61	6				
STU	E Z BE	PKP	01 35 46.6	1.0	3.24	2	16290	146.5	36.0	335.7
KRL	-E Z ST	PKP	01 35 48.5	2.0		4	16300	146.6	34.5	336.7
BUH	-E Z GT	PKP	01 35 47.9				16340	147.0	34.5	336.5
	E Z GT	PKP	01 35 52.0							

JAN 28 ERL
H= 10 26 53.6
LAT = 26.6 N
LONG= 66.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.9
WEST PAKISTAN

GRF	E Z BE	PCP	10 37 16.8			1	5320	47.8	97.7	314.0

JAN 28
NO DETERMINATION OF EPICENTER

GRF	I Z BE	PG	11 55 01.0			6				
	E N BE	SG	11 55 29.2			2				

JAN 28 ERL
H= 16 18 26.0
LAT = 20.9 N
LONG= 120.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
PHILIPPINE ISLANDS REGION

GRF	-E Z BE	P	16 31 04.5	1.8	2.32	2	9550	85.8	62.4	322.0
FUR	-I Z SL	P	16 31 08.-	1.5	1.88	9	9620	86.5	62.4	320.6
	-I Z SL	AP	16 31 17.-	2.0	2.24	2				
	-I Z SL	XP	16 31 23.-	1.5	1.60	9				

JAN 28
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	20 37 39.4			2				

JAN 29
NO DETERMINATION OF EPICENTER

GRF	-E Z BE	P	02 06 53.5			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JAN 29 ERL
H= 07 45 43.4
LAT = 19.1 S
LONG= 174.6 W
DEPTH= 84 KM
MAGNITUDE= 5.0
TONGA ISLANDS

GRF	E Z BE	PKP	08 05 24.8			3	16530	149.1	10.7	352.6

JAN 29 ERL
H= 11 12 38.0
LAT = 40.2 N
LONG= 143.8 E
DEPTH= 19 KM
MAGNITUDE= 4.5
OFF EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	11 24 55.5			1	9040	81.3	34.8	331.1

JAN 29 ERL
H= 16 57 47.3
LAT = 18.1 S
LONG= 178.6 W
DEPTH=652 KM
MAGNITUDE= 4.3
FIJI ISLANDS REGION

GRF	-E Z BE	PKP	17 16 22.0			3	16400	147.5	17.5	348.1

JAN 30 ERL
H= 19 10 07.4
LAT = 11.3 N
LONG= 86.8 W
DEPTH= 48 KM
MAGNITUDE= 4.6
NEAR COAST OF NICARAGUA

FUR	Z SL	RM	20 01 00.-	18.0	3.03		9680	87.0	283.4	41.5

JAN 30 ERL
H= 20 18 51.1
LAT = 17.8 S
LONG= 178.8 W
DEPTH=649 KM
MAGNITUDE= 4.8
FIJI ISLANDS REGION

GRF	+I Z BE	PKP	20 37 25.7	0.6	1.17	4	16370	147.2	17.8	348.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 31 ERL H= 00 42 03.6 LAT = 16.5 S LONG= 178.2 W DEPTH=477 KM MAGNITUDE= 4.9 FIJI ISLANDS REGION										
BNS	I Z FS	PKP	01 00 48.8	1.0	2.00		16160	145.3	9.0	354.1
GRF	+I Z BE	PKP	01 00 51.6	0.8	1.52	6	16230	146.0	16.2	349.1
FUR	-I Z SL	PKP1	01 00 54.-	1.5	1.64	2	16400	147.4	17.0	348.2
BUH	-E Z GT	PKP	01 00 54.1				16400	147.4	11.4	352.1
JAN 31 ERL H= 05 50 54.7 LAT = 52.5 N LONG= 170.6 W DEPTH= 52 KM MAGNITUDE= 4.7 FOX ISLANDS, ALEUTIAN ISLANDS										
GRF	-E Z BE	P	06 02 50.6			2	8690	78.2	1.1	358.8
JAN 31 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	06 54 08.2							
JAN 31 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PN	14 27 51.7			1				
	E Z BE	PG	14 28 01.3			1				
	E N BE	SG	14 28 47.5			2				
FEB 01 ERL H= 00 24 30.7 LAT = 51.8 N LONG= 177.7 E DEPTH= 57 KM MAGNITUDE= 5.2 KAT ISLANDS, ALEUTIAN ISLANDS										
GRF	-I Z BE	P	00 36 26.0	0.9	1.77	4	8700	78.3	8.6	351.1
BUH	-E Z GT	P	00 36 32.8				8840	79.5	6.7	352.9
FEB 01 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	E Z FS	P	12 12 18.-							
FEB 02 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	07 19 35.5							
FEB 02 ERL H= 21 19 49.2 LAT = 38.9 N LONG= 21.2 E DEPTH= 44 KM MAGNITUDE= 4.6 GREECE										
FEB 02 BCS H= 21 19 53.0 LAT = 38.8 N LONG= 21.4 E DEPTH= 70 KM GREECE										
GRF	E Z BE	P	21 22 58.0			1	1440	12.9	142.8	329.8
FEB 03 ERL H= 02 29 21.9 LAT = 40.7 N LONG= 48.4 E DEPTH= 39 KM MAGNITUDE= 5.1 EASTERN CAUCASUS										
GRF	E Z BE	PP	02 35 44.8			1	3050	27.5	94.8	301.6
FEB 03 ERL H= 05 37 48.0 LAT = 57.9 N LONG= 32.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 NORTH ATLANTIC OCEAN										
GRF	E Z BE	P	05 43 22.2			1	2950	26.5	304.7	89.1
FEB 03 ERL H= 07 15 17.9 LAT = 58.1 N LONG= 32.0 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 NORTH ATLANTIC OCEAN										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	07 20 51.4			1	2940	25.4	305.2	89.7

FEB 03 ERL
H= 08 36 16.6
LAT = 4.6 S
LONG= 151.8 E
DEPTH=168 KM
MAGNITUDE= 5.4
NEW BRITAIN REGION

GRF	-E Z BE	PKP	08 54 56.2			2	13800	124.1	49.8	330.1

FEB 04 ERL
H= 02 42 18.9
LAT = 43.8 N
LONG= 13.3 E
DEPTH= 25 KM
MAGNITUDE= 4.8
CENTRAL ITALY

FEB 04 BCS
H= 02 42 21.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

NOS= 1 DEAD, 2 INJURED AND MODERATE DAMAGE IN ANCONA AREA.
MLGH= 4.7 (BNS)

FUR	+I Z SL	PN	02 43 30.-	1.9	2.32	2	510	4.6	161.2	342.7
	+I Z SL	PB	02 43 40.-	2.0	2.71	7				
	+I Z SL	SB	02 44 40.-	1.9	2.70	8				
	Z SL	MAXIMUM	02 45 40.-	1.5	2.33					
STU	+I Z BE	PN	02 43 44.9	1.0	2.37	5	640	5.7	148.5	331.5
	-E N BE	SN	02 44 49.6	0.5	4.00	3				
BUH	+E Z GT	PN	02 43 48.9				670	6.0	142.2	325.8
GRF	+I Z JM	PN	02 43 48.3							
	E Z BE	PG	02 44 04.5			6	670	6.0	165.5	347.0
	E N BE	SN	02 44 56.5			9				
						1				
KRL	+E Z ST	PN	02 43 53.3	0.8		2	690	6.2	145.1	328.6
	-E Z ST	-	02 44 26.2	1.0		4				
TNS	1I Z SL	PN	02 44 05.0							
	+I E X	PN	02 44 05.0				800	7.2	150.8	334.3
	I SL	SN	02 45 21.0							
	E E X	SB	02 45 28.0							
	E Z SL	SG	02 46 36.0							
BNS	-I Z FS	PN	02 44 21.3	1.0	1.78		920	8.3	147.5	332.0
	E N X	SN	02 45 50.-							
	E Z FS		02 47 08.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E E X	-	02 47 13.6	1.6	2.76					
	E N X	-	02 47 29.-	1.5	2.68					
	Z SL	-	02 48 45.-	10.0						

FEB 04 BCS
H= 04 40 54.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FEB 04 ERL
H= 04 40 55.0
LAT = 43.9 N
LONG= 13.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
CENTRAL ITALY

FUR	+E Z SL	SG	04 43 27.-	1.7	1.77	5	520	4.7	160.9	342.4
	Z SL	MAXIMUM	04 44 18.-	1.5	1.78					

FEB 04 ERL
H= 07 02 57.6
LAT = 17.8 S
LONG= 178.6 W
DEPTH=611 KM
MAGNITUDE= 4.7
FIJI ISLANDS REGION

GRF	-I Z BE	PKP	07 21 35.0	0.7	1.35	2	16370	147.2	17.5	348.2

FEB 04 ERL
H= 09 18 31.5
LAT = 43.9 N
LONG= 13.2 E
DEPTH= 23 KM
MAGNITUDE= 4.4
CENTRAL ITALY

FEB 04 BCS
H= 09 18 33.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

BNS= MLGH= 4.3, ANCONA REGION.

FUR	-I Z SL	PB	09 19 51.-	1.5	1.75	9	490	4.4	161.7	343.1
	-I Z SL	-	09 20 07.-	1.1	2.06	4				
	+I Z SL	PG	09 20 12.-	1.9	2.44	3				
	+I Z SL	SN	09 20 33.-	1.3	2.43	3				
	-I Z SL	SB	09 20 50.-	1.5	2.38	3				
	+I Z SL	SG	09 21 04.-	1.8	2.66	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	Z SL	MAXIMUM	09 21 53.-	2.0	3.25					
BUH	+E Z GT	PN	09 20 01.2				650	5.9	142.2	325.8
GRF	E Z JM	PN	09 20 00.2			2	660	5.9	165.9	347.4
	E Z JM	PG	09 20 16.2			2				
	E N GT	SN	09 21 07.4			1				
KRL	+E Z ST	PB	09 20 18.-			2	670	6.1	145.1	328.6
	+E E ST	SN	09 21 19.-	1.2		5				
TNS	E N SL	PN	09 20 16.0				790	7.1	150.9	334.4
	E N SL	SN	09 21 38.0							
BNS	E Z FS	PN	09 20 33.0				910	8.1	147.6	332.0
	E N X	SN	09 21 57.-							
	E N X		09 23 20.-	1.5	2.30					
	E E X	-	09 23 26.-	2.0	2.36					

FEB 04 ERL
H= 14 08 21.7
LAT = 30.4 N
LONG= 84.6 E
DEPTH= 18 KM
MAGNITUDE= 5.2
TIBET

GRF	-E Z JM	P	14 18 08.9			2	6350	57.1	80.5	312.2
FUR	+I Z SL	P	14 18 11.-	1.9	2.16	9	6380	57.3	79.5	310.4
	+I Z SL	AP	14 18 18.-	1.9	2.16	3				

FEB 04 ERL
H= 15 20 04.1
LAT = 8.0 N
LONG= 94.0 E
DEPTH= 55 KM
MAGNITUDE= 5.4
NICOBAR ISLANDS REGION

GRF	+E Z BE	P	15 32 05.0			2	8820	79.3	90.3	319.0

FEB 04 ERL
H= 17 19 52.4
LAT = 43.8 N
LONG= 13.3 E
DEPTH= 23 KM
MAGNITUDE= 4.4
CENTRAL ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

FEB 04 BCS
H= 17 19 53.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

BNS= MLGH= 4.3, ANCONA REGION.

FUR	-I Z SL	PN	17 21 04.-	1.5	1.78	3	510	4.6	161.4	342.8
	-I Z SL	PB	17 21 14.-	1.3	2.51	3				
	Z SL	MAXIMUM	17 23 10.-	1.5	2.90					
STU	+E Z BE	P	17 21 18.6	0.8	2.13	3	640	5.7	148.7	331.7
	E N BE	S	17 22 24.5	0.5	2.59	2				
BUH	+E Z GT	PN	17 21 23.0				670	6.0	142.4	326.0
GRF	E Z JM	PN	17 21 22.3			1	680	6.1	165.6	347.1
	E Z JM	PG	17 21 37.5			3				
	E N GT	S	17 22 30.5			1				
KRL	+E Z ST	PN	17 21 24.5			2	690	6.2	145.3	328.8
	+E Z ST	SN	17 22 40.-	1.3		4				
TNS	E N X	PN	17 21 42.0				810	7.3	150.9	334.5
BNS	+I Z FS	PN	17 21 55.3				920	8.3	147.6	332.1
	E N X	SN	17 23 25.6							
	E N X		17 24 50.-	1.5	2.43					
	E E X	-	17 24 52.-	1.5	2.28					
	Z SL	-	17 26 20.-	10.0						

FEB 04 ERL
H= 18 17 29.5
LAT = 43.8 N
LONG= 13.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
CENTRAL ITALY

FEB 04 BCS
H= 18 17 32.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FUR	-I Z SL	PB	18 18 50.-	1.5	1.60	9	510	4.6	160.2	341.8
	-I Z SL	PG	18 19 12.-	1.2	2.28	9				
	+I Z SL	SN	18 19 38.-	1.9	2.13	2				
	-I Z SL	SG	18 19 48.-	1.2	2.50	9				
	Z SL	MAXIMUM	18 20 35.-	2.0	2.96					
BUH	E Z GT	PN	18 19 00.4				670	6.0	141.5	325.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z JM	PN	18 18 58.6			1	670	6.1	164.7	346.3
	E Z JM	PG	18 19 20.4			2				
	E N GT	SG	18 20 09.-			1				
KRL	+E Z ST	SN	18 20 16.3			2	690	6.2	144.5	328.1
BNS	E Z FS	PN	18 19 31.4				920	8.3	147.0	331.6
	E E X	SN	18 21 18.5							
	E E X		18 22 24.-							

FEB 04
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	18 36 10.3			1				
	E N BE	SG	18 37 20.0			1				
FUR	-I Z SL	-	18 37 18.-	1.5	1.78	3				

FEB 04 BCS
H= 19 02 53.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FEB 04 ERL
H= 19 02 56.0
LAT = 43.8 N
LONG= 13.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
CENTRAL ITALY

FUR	-I Z SL	PB	19 04 17.-	1.5	1.78	2	520	4.7	160.9	342.4
	-I Z SL	PG	19 04 31.-	1.5	1.90	9				
	-I Z SL	SB	19 05 13.-	1.8	2.29	4				
	+I Z SL	SG	19 05 25.-	1.9	2.36	2				
	Z SL	MAXIMUM	19 06 09.-	2.6	2.96					
STU	-E Z BE	P	19 04 21.2	0.8	1.96	4	650	5.9	148.5	331.6
BUH	+E Z GT	PN	19 04 25.2				680	6.1	142.3	326.0
GRF	I Z JM	PN	19 04 24.6							
	E N BE	SN	19 05 34.9			2	690	6.2	165.1	346.7
TNS	E N X	PN	19 04 45.0			1	820	7.4	150.7	334.3

FEB 04 BCS
H= 19 29 50.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	PG	19 31 29.-	2.0	2.21	9	520	4.7	160.9	342.4
	Z SL	MAXIMUM	19 33 08.-	2.0	2.33					
GRF	E N BE	SG	19 32 24.1			2	690	6.2	165.1	346.7

FEB 04 BCS
H= 19 53 59.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FUR	-I Z SL	PB	19 55 26.-	1.5	1.45	1	520	4.7	160.9	342.4
	+I Z SL	SG	19 56 30.-	2.0	1.88	1				
	Z SL	MAXIMUM	19 57 25.-	1.9	2.21					
GRF	E Z BE	PG	19 55 56.4			1	690	6.2	165.1	346.7
	E N BE	SG	19 56 39.0			1				

FEB 05 ERL
H= 00 15 51.2
LAT = 55.4 S
LONG= 128.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.9
SOUTH PACIFIC CORDILLERA

FUR	-I Z SL	PKP1	00 35 42.-	2.0	2.03	2	17180	154.5	238.4	89.7
	-I Z SL	PKHKP	00 35 50.-	3.0	2.58	3				
	-I Z SL	PKP2	00 36 00.-	3.0	2.91	9				
GRF	E Z BE	PKP	00 35 43.1			2	17260	155.2	241.2	86.5

FEB 05 BCS
H= 01 26 30.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FEB 05 ERL
H= 01 26 32.3
LAT = 43.8 N
LONG= 13.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
CENTRAL ITALY

BNS= MLGH= 4.3, ANCONA REGION.

FUR	+I Z SL	PN	01 27 45.-	1.0	2.08	1	520	4.7	160.9	342.4
	-I Z SL	PB	01 27 52.-	1.8	2.42	4				
	-I Z SL	PG	01 28 16.-	1.5	2.12	3				
	-I Z SL	SB	01 28 48.-	1.5	2.45	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	Z SL	MAXIMUM	01 29 45.-	2.0	3.06					
STU	+E Z BE	P	01 27 57.2	0.8	2.20	4	650	5.9	148.5	331.6
BUH	+E Z GT	PN	01 28 01.4				680	6.1	142.3	326.0
GRF	+I Z JM	PN	01 28 00.7			3	690	6.2	165.1	346.7
	E Z JM	PG	01 28 15.3			2				
	E N BE	SG	01 29 09.6			2				
KRL	+E Z ST	PN	01 28 05.-	1.0		2	700	6.3	145.1	328.7
	+E Z ST	SN	01 29 19.-	1.1		4				
BNS	+I Z FS	PN	01 28 34.0				930	8.4	147.4	332.3
	E E X	-	01 30 20.-							
	E E X		01 31 22.5	2.0	2.36					

FEB 05 BCS
H= 02 13 44.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FUR	-I Z SL	PB	02 15 10.-	1.5	1.60	5	520	4.7	160.9	342.4
	Z SL	MAXIMUM	02 17 10.-	1.8	2.25					
GRF	E Z BE	PG	02 15 24.5			1	690	6.2	165.1	346.7
	E N BE	SG	02 16 19.5			2				

FEB 05 ERL
H= 03 49 45.1
LAT = 43.2 N
LONG= 13.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
CENTRAL ITALY

FEB 05 BCS
H= 03 49 55.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FUR	+I Z SL	PN	03 51 13.-	1.5	1.56	9	580	5.2	159.9	341.7
	-I Z SL	SN	03 52 04.-	2.0	2.33	9				
	Z SL	MAXIMUM	03 53 34.-	1.7	2.29					
STU	+E Z BE	P	03 51 18.7	0.8	1.36	2	710	6.4	148.6	331.9
BUH	E Z GT	PN	03 51 23.0				740	6.7	142.8	326.7
GRF	E Z BE	PN	03 51 22.4				740	6.7	164.0	345.8
	E Z BE	PG	03 51 36.6			1				
						2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E N BE	SG	03 52 29.0			2				

FEB 05 ERL
H= 04 18 42.4
LAT = 14.6 N
LONG= 45.1 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
NORTH ATLANTIC RIDGE

FUR	-I Z SL	P	04 28 26.-	1.5	1.72	3	6340	57.0	254.0	41.7
	+E Z SL	AP	04 28 34.-	2.0	2.21	2				

FEB 05 ERL
H= 05 05 50.7
LAT = 43.7 N
LONG= 13.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
CENTRAL ITALY

FEB 05 BCS
H= 05 05 51.0
LAT = 43.7 N
LONG= 13.5 E
CENTRAL ITALY

FUR	-I Z SL	PB	05 07 12.-	1.5	1.78	3	520	4.7	160.3	341.8
	+I Z SL	SB	05 08 07.-	2.0	2.33	4				
	-I Z SL	SG	05 08 17.-	1.8	2.42	4				
	Z SL	MAXIMUM	05 08 53.-	1.7	2.75					
STU	+E Z BE	P	05 07 17.0	1.0	1.79	2	650	5.8	148.0	331.1
BUH	E Z GT	PN	05 07 21.5				680	6.1	141.8	325.5
GRF	E Z JM	PN	05 07 20.7			2	680	6.1	164.7	346.3
	E Z JM	PG	05 07 38.4			2				
	E N BE	SG	05 08 28.1			4				
KRL	+E Z ST	-	05 08 06.5			2	700	6.3	144.7	328.3

FEB 05 BCS
H= 07 08 11.0
LAT = 43.8 N
LONG= 13.4 E
CENTRAL ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 05 ERL H= 07 08 12.9 LAT = 43.9 N LONG= 13.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 CENTRAL ITALY										
NOS= FELT IN ANCONA AREA. MLGH= 4.3 (BNS)										
FUR	-I Z SL	PB	07 09 33.-	1.5	1.60	2	510	4.6	160.5	342.0
	+I Z SL	PG	07 09 53.-	1.3	2.15	9				
	+I Z SL	SB	07 10 35.-	1.5	2.28	9				
	-I Z SL	SG	07 10 44.-	2.0	2.81	9				
	Z SL	MAXIMUM	07 11 30.-	1.9	3.19					
STU	-E Z BE	P	07 09 37.4	1.0	1.84	3	640	5.8	148.1	331.1
BUH	+E Z GT	PN	07 09 41.5				670	6.1	141.8	325.5
GRF	I Z JM	PN	07 09 41.0			2	680	6.1	164.9	346.5
	E Z JM	PG	07 09 56.0			1				
	E N GT	SG	07 10 47.2			2				
KRL	+E Z ST	-	07 10 08.-			2	690	6.2	144.7	328.3
BNS	E Z FS	PN	07 10 13.-				920	8.3	147.1	331.7
	E N X	SN	07 11 43.-							
	E N X		07 12 57.-	1.9	2.36					
FEB 05 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	07 26 42.0			1				
	E N BE	SG	07 27 29.0			1				
FEB 05 NO DETERMINATION OF EPICENTER										
BUH	-I Z GT	PG	10 54 52.5							
FEB 05 BCS H= 12 33 48.0 LAT = 43.8 N LONG= 13.4 E CENTRAL ITALY										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 05 ERL H= 12 33 51.1 LAT = 43.9 N LONG= 13.1 E DEPTH= 33 KM (NORMAL) CENTRAL ITALY										
FUR	+I Z SL	SN	12 35 53.-	1.8	1.83	5	510	4.6	160.5	342.0
	Z SL	MAXIMUM	12 37 00.-	2.0	2.33					
GRF	E Z BE	PG	12 35 31.4			1	680	6.1	164.9	346.5
	E N BE	SG	12 36 26.4			2				
FEB 05 BCS H= 15 14 47.0 LAT = 43.7 N LONG= 13.4 E CENTRAL ITALY										
FEB 05 ERL H= 15 14 48.0 LAT = 43.7 N LONG= 13.4 E DEPTH= 35 KM MAGNITUDE= 4.7 CENTRAL ITALY										
NOS= FELT (VI) IN ANCONA AREA. MLGH= 4.4 (BNS)										
FUR	+I Z SL	PN	15 15 56.-	1.5	1.60	9	520	4.7	160.9	342.4
	+I Z SL	PB	15 16 08.-	1.3	2.08	8				
	+I Z SL	PG	15 16 18.-	2.0	2.61	9				
	+I Z SL	SB	15 17 02.-	1.8	2.67	6				
	Z SL	MAXIMUM	15 17 57.-	2.0	3.38					
STU	+E Z BE	P	15 16 13.8	0.8	1.96	2	650	5.9	148.5	331.6
GRF	I Z JM	PN	15 16 18.0			2	690	6.2	165.1	346.7
	E Z JM	PG	15 16 33.3			1				
	E N BE	SG	15 17 24.5			1				
KRL	+E Z ST	-	15 16 22.-			2	700	6.3	145.1	328.7
TNS	E N X	PN	15 16 37.0				820	7.4	150.7	334.3
BNS	-I Z FS	PN	15 16 51.0				930	8.4	147.4	332.0
	E N X	SN	15 18 19.6							
	E N X	SG	15 19 43.-	2.0	2.52					
	E E X	-	15 19 48.-	1.7	2.40					
	Z SL	-	15 21 13.-	10.0						
FEB 05 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PG	16 35 33.8			1				
	E N BE	SG	16 36 16.2			1				

FEB 05 BCS
H= 18 09 06.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

FUR	+I Z SL	PN	18 10 12.-	2.0	1.18	3	520	4.7	160.9	342.4
	Z SL	MAXIMUM	18 12 20.-	1.9	2.30					
GRF	E Z BE	PN	18 10 33.7			1	690	6.2	165.1	346.7
	E Z BE	PG	18 10 50.8			1				
	I N BE	SG	18 11 40.4			4				

FEB 05 ERL
H= 18 51 23.7
LAT = 38.3 N
LONG= 73.7 E
DEPTH=113 KM
MAGNITUDE= 4.7
TADZHIK-SINKIANG BORDER REGION

GRF	E Z BE	P	18 59 31.2			2	5020	45.1	79.8	305.6

FEB 05 BCS
H= 21 52 41.0
LAT = 33.9 N
LONG= 47.1 E
WESTERN IRAN

FEB 05 ERL
H= 21 52 43.5
LAT = 33.9 N
LONG= 47.1 E
DEPTH= 54 KM
MAGNITUDE= 4.7
WESTERN IRAN

BCIS= FELT AT KERMANSHAH-HARSIN (KER).

GRF	E Z BE	P	21 58 55.0			1	3410	30.7	107.3	311.8

FEB 05 BCS
H= 22 40 06.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	Z SL	MAXIMUM	22 43 27.-	1.5	1.78		520	4.7	160.9	342.4

FEB 06 ERL
H= 00 22 34.7
LAT = 51.2 N
LONG= 179.3 W
DEPTH= 43 KM
MAGNITUDE= 4.5
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	+E Z BE	P	00 34 36.2			1	8790	79.1	6.7	353.1

FEB 06 ERL
H= 00 30 44.7
LAT = 51.2 N
LONG= 179.3 W
DEPTH= 45 KM
MAGNITUDE= 4.8
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	E Z BE	P	00 42 46.1			2	8800	79.1	6.7	353.0

FEB 06 BCS
H= 01 34 17.0
LAT = 43.7 N
LONG= 13.5 E
CENTRAL ITALY

FEB 06 ERL
H= 01 34 22.4
LAT = 44.0 N
LONG= 13.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
ADRIATIC SEA

BCIS= FELT WITH MAX. INT. VI 1/2 (ROM). MLGH= 4.3 (BNS)

FUR	+I Z SL	PN	01 35 30.-	1.9	2.13	9	530	4.7	160.0	341.6
	-I Z SL	PB	01 35 40.-	1.8	2.57	9				
	-I Z SL	SN	01 36 18.-	1.5	2.18	4				
	Z SL	MAXIMUM	01 37 30.-	1.5	2.70					
STU	+E Z BE	P	01 35 44.7	0.9	2.30	2	650	5.9	147.9	331.0
BUH	+E Z GT	PN	01 35 46.8				690	6.2	141.7	325.5
GRF	I Z JM	PN	01 35 48.4			3	690	6.2	164.5	346.1
	E Z BE	PG	01 36 03.2			1				
	E N GT	SG	01 36 58.9			1				
KRL	+E Z ST	PN	01 35 52.-			2	710	6.4	144.6	328.3
	+E N ST	-	01 37 04.-	1.2		4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	E Z FS	PN	01 36 20.5				940	8.4	147.0	331.7
	E Z FS	SN	01 37 50.-							
	E N X		01 39 20.-	2.0	2.36					
	Z SL	-	01 40 45.-	10.0						

FEB 06 ERL
H= 02 12 54.6
LAT = 51.1 N
LONG= 179.3 W
DEPTH= 45 KM
MAGNITUDE= 4.2
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	E Z BE	P	02 24 56.4			1	8800	79.1	5.7	353.1

FEB 06 ERL
H= 07 30 11.4
LAT = 41.6 N
LONG= 82.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
SOUTHERN SINKIANG PROV., CHINA

GRF	E Z BE	P	07 38 54.2			2	5400	48.6	71.0	305.0

FEB 06 ERL
H= 11 55 09.0
LAT = 17.8 S
LONG= 168.4 E
DEPTH=135 KM
MAGNITUDE= 5.2
NEW HEBRIDES ISLANDS

GRF	+I Z BE	PKP	12 14 25.7	0.9	1.63	3	15930	143.3	38.2	335.1
FUR	+I Z SL	PKP1	12 14 30.-	1.5	2.20	9	16060	144.4	39.6	333.4
STU	+I Z BE	PKP	12 14 30.6	0.8	2.28	4	16100	144.8	36.0	335.9
BUH	-E Z GT	PKP	12 14 31.5				16150	145.3	34.6	336.7

FEB 06
NO DETERMINATION OF EPICENTER

BUH	-I Z GT	PG	15 23 39.7							
GRF	E Z JM	PG	15 24 05.0			1				
	E N BE	SG	15 24 25.1			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

FEB 06 ERL
H= 21 44 28.8
LAT = 43.8 N
LONG= 13.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
CENTRAL ITALY

FEB 06 BCS
H= 21 44 30.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

NOS= FELT (V) IN ANCONA AREA.

FUR	-I Z SL	PB	21 45 51.-	1.0	2.00	5	510	4.6	161.8	343.2
	-I Z SL	SB	21 46 43.-	1.5	1.60	3				
	Z SL	MAXIMUM	21 47 40.-	1.8	2.47					
BUH	E Z GT	PN	21 45 58.7				670	6.0	142.6	326.2
GRF	E Z BE	PG	21 45 57.2			1	670	6.1	165.9	347.4
	I N BE	SG	21 47 03.9			6				

FEB 06 ERL
H= 22 03 30.4
LAT = 12.5 N
LONG= 141.9 E
DEPTH= 50 KM
MAGNITUDE= 5.5
SOUTH OF MARIANA ISLANDS

GRF	E Z BE	P	22 17 31.3			2	11610	104.4	49.9	329.4
	E Z BE	PKP	22 21 53.8			1				

FEB 07 ERL
H= 04 18 31.0
LAT = 24.0 S
LONG= 179.9 E
DEPTH=550 KM (GEOPHYSICIST)
MAGNITUDE= 4.2
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	04 37 41.6			2	17000	152.9	23.2	343.8

FEB 07 BCS
H= 04 55 06.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	Z SL	MAXIMUM	04 58 35.-	1.5	1.56		520	4.7	160.9	342.4

FEB 07 ERL
H= 05 07 53.7
LAT = 39.5 N
LONG= 143.4 E
DEPTH= 41 KM
MAGNITUDE= 5.0
OFF EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	05 20 08.5	1.5	1.97	1	9080	81.7	35.4	330.9
FUR	-I Z SL	P	05 20 17.-	2.0	2.18	9	9220	82.9	35.3	330.0
	Z SL	MAXIMUM	06 03 00.-	13.0	3.40					

FEB 07 ERL
H= 07 49 48.2
LAT = 52.3 N
LONG= 160.1 E
DEPTH= 60 KM
MAGNITUDE= 4.8
OFF EAST COAST OF KAMCHATKA

GRF	+E Z BE	P	08 01 26.6			2	8340	75.0	19.2	339.6

FEB 07
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PG	12 15 10.7			2				
	E E BE	SG	12 15 31.1			2				

FEB 07 ERL
H= 14 22 17.8
LAT = 49.7 N
LONG= 154.6 E
DEPTH=130 KM (GEOPHYSICIST)
MAGNITUDE= 4.4
KURIL ISLANDS

GRF	E Z BE	P	14 33 52.7			2	8460	76.1	23.5	336.5

FEB 07 ERL
H= 19 14 47.6
LAT = 8.5 N
LONG= 83.9 W
DEPTH= 14 KM
MAGNITUDE= 5.5
COSTA RICA

BNS	-I Z FS	P	19 27 25.8	2.1	2.30		9350	84.1	276.2	39.5
HLG	Z X	P	19 27 25.-			2	9360	84.2	276.4	36.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	19 27 23.5				9460	85.0	277.2	41.7
	-E Z GT	P	19 27 30.4							
GRF	E Z BE	P	19 27 32.8			1	9660	86.8	279.4	40.4
	E Z BE	AP	19 27 39.6			4				
FUR	-I Z SL	P	19 27 42.-	2.0	2.64	4	9690	87.1	279.5	41.9
	-I Z SL	XPCP	19 27 50.-	2.0	2.24	2				
	+I Z SL	-	19 28 50.-	2.0	2.36	9				
	Z SL	MAXIMUM	20 14 00.-	15.0	3.27					

FEB 07
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	19 24 15.2			1				

FEB 07 ERL
H= 20 03 35.4
LAT = 8.6 N
LONG= 83.8 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
COSTA RICA

GRF	E Z BE	P	20 16 19.0			2	9650	86.7	279.4	40.4

FEB 08
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	02 13 27.8			1				

FEB 08 ERL
H= 03 37 52.4
LAT = 19.3 N
LONG= 122.0 E
DEPTH= 50 KM
MAGNITUDE= 5.7
PHILIPPINE ISLANDS REGION

HLG	Z X	P	03 50 37.4			2	9760	87.8	59.6	327.5
GRF	E Z BE	P	03 50 39.3			2	9800	88.1	62.0	322.6
	E Z BE	PP	03 54 04.5			2				
FUR	+I Z SL	P	03 50 41.-	2.0	2.45	3	9880	88.8	62.0	321.2
	+I Z SL	AP	03 50 52.-	2.0	2.51	3				
	+I Z SL	PP	03 54 12.-	2.0	2.24	9				
	Z SL	RM	04 45 00.-	15.0	3.27					
STU	+E Z BE	P	03 50 46.1	1.6	2.03	2	9980	89.8	60.5	322.4
BNS	E Z FS	P	03 50 47.0	1.7	1.95		9980	89.8	58.9	325.0
	E Z FS	PP	03 54 22.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
BUH	+I Z GT	P	03 50 48.9				10050	90.4	59.7	322.7

FEB 08 ERL
H= 12 19 14.8
LAT = 43.8 N
LONG= 13.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.5
CENTRAL ITALY

FEB 08 BCS
H= 12 19 16.0
LAT = 43.7 N
LONG= 13.4 E
CENTRAL ITALY

NOS= FELT AT ANCONA.

FUR	+I Z SL	PN	12 20 27.-	1.9	1.86	1	510	4.5	161.4	342.8
	+I Z SL	PG	12 20 35.-	1.8	1.87	2				
	+I Z SL	PG	12 20 54.-	1.0	2.45	4				
	-I Z SL	SG	12 21 42.-	1.2	2.20	3				
	Z SL	MAXIMUM	12 22 20.-	1.5	2.20					
STU	-E Z BE	P	12 20 39.6	0.7	1.59	2	630	5.7	148.6	331.6
BUH	+E Z GT	PN	12 20 43.6				660	6.0	142.2	325.9
GRF	E Z JM	PN	12 20 43.1			2	670	6.0	165.6	347.1
	E Z JM	PG	12 20 58.5			1				
	E N GT	SG	12 21 50.6			4				
BNS	E Z FS	PN	12 21 14.-				920	8.2	147.5	332.0
	E Z FS	-	12 22 29.-							
	E Z FS	SG	12 24 07.5							

FEB 08 ERL
H= 18 56 47.5
LAT = 40.0 N
LONG= 142.6 E
DEPTH= 55 KM
MAGNITUDE= 5.1
NEAR EAST COAST OF HONSHU, JAPAN

GRF	+I Z BE	P	19 08 58.6	0.8	1.84	5	9000	81.0	35.7	330.4
	E Z BE	PP	19 11 44.4			2				

FEB 08 ERL
H= 19 54 55.4
LAT = 29.7 N
LONG= 51.0 E
DEPTH= 49 KM
MAGNITUDE= 4.3
SOUTHERN IRAN

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
GRF	E Z BE	P	20 01 53.2			2	4000	36.0	108.8	315.1

FEB 08
NO DETERMINATION OF EPICENTER

BUH +E Z GT PG 21 21 51.1

FEB 09
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	10 28 51.-							
	E Z FS	-	10 29 07.5							

FEB 09 ERL
H= 20 44 36.4
LAT = 51.8 S
LONG= 74.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.5
NEAR COAST OF SOUTHERN CHILE

FUR	-I Z SL	PKP1	21 03 32.-	1.7	1.94	3	13700	123.2	227.7	52.9
	+E Z SL	APKP	21 03 40.-	2.0	2.03	9				
	Z SL	QM	21 56 00.-	20.0	3.70					
GRF	+E Z BE	PKP	21 03 32.5			2	13810	124.2	228.4	51.5

FEB 10 ERL
H= 03 05 09.2
LAT = 20.8 S
LONG= 178.8 W
DEPTH=575 KM
MAGNITUDE= 4.9
FIJI ISLANDS REGION

BNS	I Z FS	PKP	03 23 55.3	1.5	1.70		16630	149.6	11.0	352.6
GRF	E Z BE	PKP1	03 23 56.4	1.2	1.67	2	16690	150.1	19.0	346.9
	E Z BE	PKP2	03 24 05.4			2				

FEB 10 ERL
H= 05 02 57.3
LAT = 50.0 N
LONG= 78.9 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 5.5
EASTERN KAZAKH SSR

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 10 BCS H= 05 03 00.0 LAT = 50.2 N LONG= 78.5 E EASTERN KAZAKH SSR										
BCIS= SEMIPALATINSK AREA. ARTIFICIAL (UPP).										
GRF	+I Z BE	P	05 10 54.8	0.8	1.69	4	4700	42.3	52.6	296.7
FUR	-I Z SL	P	05 11 01.-	2.0	2.33	9	4780	43.0	61.2	294.7
	+I Z SL	PP	05 12 43.-	2.0	2.03	3				
	+I Z SL	PGP	05 12 48.-	1.5	1.68	2				
BNS	+I Z FS	P	05 11 08.0	1.3	1.48		4890	44.0	62.0	300.1
BUH	+I Z GT	P	05 11 12.0				4950	44.5	60.4	296.8
FEB 10 BCS H= 06 49 15.0 LAT = 29.5 N LONG= 51.0 E SOUTHERN IRAN										
FEB 10 ERL H= 06 49 15.9 LAT = 29.7 N LONG= 50.9 E DEPTH= 21 KM MAGNITUDE= 4.5 SOUTHERN IRAN										
GRF	E Z BE	P	06 56 16.6			2	4020	36.1	108.9	315.2
FEB 10 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	08 36 53.4							
FEB 10 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	12 18 12.-	1.2	1.60					
FEB 11 ERL H= 05 55 46.4 LAT = 39.9 N LONG= 77.4 E DEPTH= 23 KM MAGNITUDE= 4.9 SOUTHERN SINKIANG PROV., CHINA										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	06 04 14.8			1	5180	46.6	75.8	305.1
FEB 11 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	14 54 57.3			1				
	E N BE	SG	14 55 28.9			1				
FEB 11 ERL H= 17 14 03.7 LAT = 0.9 S LONG= 21.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 CENTRAL MID-ATLANTIC RIDGE										
FUR	-I Z SL	P	17 23 47.-	2.0	1.99	9	6290	56.6	220.5	25.8
	+I Z SL	XP	17 23 58.-	1.5	2.23	9				
GRF	E Z BE	P	17 23 53.4			1	6420	57.7	219.8	24.6
FEB 11 ERL H= 21 36 17.0 LAT = 56.1 N LONG= 162.9 E DEPTH= 44 KM MAGNITUDE= 4.6 NEAR EAST COAST OF KAMCHATKA										
GRF	E Z BE	P	21 47 42.5			1	8000	72.0	16.2	341.1
FEB 12 NO DETERMINATION OF EPICENTER										
BUH	-I Z GT	PG	05 15 00.1							
GRF	E Z JM	PG	05 15 23.6			1				
	E N BE	SG	05 15 48.0			2				
FEB 12 ERL H= 11 51 15.0 LAT = 35.9 N LONG= 140.7 E DEPTH= 60 KM MAGNITUDE= 4.5 NEAR EAST COAST OF HONSHU, JAPAN										
GRF	E Z BE	P	12 03 40.0			2	9310	83.8	39.1	329.7
	E Z BE	AP	12 03 52.9			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 12 ERL H= 11 55 00.5 LAT = 19.1 S LONG= 168.8 E DEPTH= 53 KM MAGNITUDE= 5.0 NEW HEBRIDES ISLANDS										
GRF	+I Z BE	PKP	12 14 31.2	0.8	1.76	3	16080	144.6	38.5	334.7
FEB 12 ERL H= 18 51 57.0 LAT = 15.3 S LONG= 173.4 W DEPTH= 5 KM MAGNITUDE= 5.9 TONGA ISLANDS										
BNS	I Z FS	PKP	19 11 35.0	2.0	2.41		16060	144.4	0.9	359.4
GRF	E Z BE	PKIKP	19 11 38.4	1.4	2.92	4	16180	145.5	7.8	354.7
	I Z BE	PKHKP	19 11 56.3			9				
	I Z BE	-	19 12 03.6			6				
KRL	+E Z ST	PKP	19 11 42.3	2.0		4	16280	146.4	3.1	357.9
STU	+E Z BE	PKP	19 11 41.6	1.9	2.82	4	16300	146.6	4.5	356.9
BUH	-E Z GT	PKP	19 11 41.3				16310	146.7	2.8	358.1
	+E Z GT	PKP	19 11 42.7							
FUR	+I Z SL	PKP1	19 11 44.-	1.5	2.48	8	16350	147.0	8.3	354.3
FEB 13 ERL H= 10 02 40.5 LAT = 4.8 S LONG= 34.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 TANZANIA										
FUR	-I Z SL	P	10 12 22.-	1.9	2.13	2	6300	56.6	151.5	341.3
GRF	E Z BE	P	10 12 32.2			2	6450	58.0	151.9	342.2
FEB 13 BCS H= 11 27 35.0 LAT = 35.9 N LONG= 23.9 E CRETE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 13 ERL H= 11 27 39.2 LAT = 36.0 N LONG= 24.0 E DEPTH= 79 KM MAGNITUDE= 4.5 SOUTHERN GREECE										
GRF	+E Z BE	P	11 31 28.8			3	1850	15.6	141.4	330.1
FEB 13 ERL H= 13 01 52.8 LAT = 19.2 S LONG= 175.1 E DEPTH= 73 KM MAGNITUDE= 5.1 SOUTH OF FIJI ISLANDS										
FUR	+I Z SL	PKP2	13 21 47.-	1.9	2.13	9	16490	148.3	30.0	339.3
	-I Z SL	APKP	13 22 03.-	2.0	2.21	3				
FEB 13 ERL H= 13 07 10.8 LAT = 37.1 N LONG= 24.0 E DEPTH= 27 KM MAGNITUDE= 4.5 SOUTHERN GREECE										
GRF	+E Z JM	P	13 10 56.8			2	1740	15.6	139.0	327.8
FEB 13 ERL H= 17 55 41.5 LAT = 52.8 N LONG= 161.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SOUTH OF ALASKA										
GRF	-E Z JM	P	18 07 37.0			1	8640	77.7	355.5	4.8
	E Z JM	AP	18 07 46.2			2				
FEB 13 ERL H= 21 23 22.4 LAT = 1.0 N LONG= 28.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 CENTRAL MID-ATLANTIC RIDGE										
BUH	+I Z GT	P	21 33 07.6				6340	57.0	225.3	28.1
FUR	+I Z SL	P	21 33 15.-	1.9	2.50	9	6470	58.2	228.7	30.2
	+I Z SL	AP	21 33 22.-	2.0	1.21	5				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	N SL	QM	21 54 30.-	14.0	3.48					
BNS	E Z FS	P	21 33 17.0	1.5	1.90		6470	58.2	223.2	25.7
	E Z FS		21 41 28.-							
	E Z SL	S	21 50 00.-	40.0						
	E Z SL	LR	21 54 20.-	22.0						
	Z SL	-								
GRF	+E Z BE	P	21 33 22.4			2	6580	59.1	228.0	28.8

FEB 13 ERL
H= 22 40 16.2
LAT = 59.9 N
LONG= 154.2 W
DEPTH=153 KM
MAGNITUDE= 4.9
SOUTHERN ALASKA

GRF	E Z JM	P	22 51 13.1			1	7790	70.1	352.2	10.0

FEB 14 ERL
H= 23 29 51.7
LAT = 11.4 S
LONG= 166.3 E
DEPTH=102 KM
MAGNITUDE= 6.2
SANTA CRUZ ISLANDS

HAM	E Z SX	PKP	23 49 00.-			5	14900	134.0	33.0	340.6
HLG	+I Z SL	P	23 46 00.0			3	14900	134.0	30.0	342.5
	Z SL	PKP	23 48 44.-			3				
	- Z X	-	23 48 54.6	2.0	2.85	1				
BOC	+E Z B4	PKP	23 49 03.7	7.5			15180	136.5	30.5	341.1
	+E Z B4	PKS	23 51 47.7	15.0						
GRF	E Z BE	PKP1	23 48 52.8			1	15190	136.6	36.9	336.6
	E Z BE	PKP2	23 48 56.0			2				
	+E Z BE	PKIKP	23 49 03.9			4				
	I Z BE	-	23 49 07.6			9				
	I Z BE	-	23 49 12.7			2				
	-I Z BE	APP	23 52 10.9			4				
	E Z BE	XPP	23 52 20.7			2				
	-E Z BE	-	23 52 41.8			3				
	-E Z BE	-	23 55 23.5			2				
	E Z BE	SKKS	23 58 04.3			2				
	E Z BE	-	23 58 42.1			1				
	E Z BE	-	23 58 45.9			2				
BNS	+E Z SL	P	23 46 14.-	36.0			15230	137.0	30.8	340.7
	+E Z SL	PKP	23 48 44.-	16.0						
	E Z FS	-	23 49 03.-	1.3	2.46					
	E Z SL	PP	23 51 36.-							
	I Z FS	-	23 52 13.0	2.0	3.08					
	E Z SL	LR	00 34 48.-	58.0						
	Z SL	-	00 37 00.-	40.0						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	PKP1	23 48 55.-	2.0	2.51	5	15320	137.8	38.0	335.2
	+I Z SL	PP	23 51 59.-	4.0	4.01	9				
	E SL	QM	00 42 00.-	31.0	5.06					
STU	1E Z SL	P	23 46 20.1	20.0	3.36	2	15360	138.1	34.8	337.4
	+E Z SL	PKP	23 48 44.9	14.0	4.41	9				
KRL	+E Z ST	PKP	23 49 07.2	1.7		5	15370	138.2	33.6	338.2
	-E Z ST	PP	23 52 22.0	2.5		2				
BUH	E Z GT	PKP	23 48 57.8				15410	138.6	33.5	338.1
	-I Z GT	PKP	23 49 10.1							

FEB 15 ERL
H= 04 09 03.9
LAT = 15.8 S
LONG= 173.7 W
DEPTH= 92 KM
MAGNITUDE= 4.8
TONGA ISLANDS

BNS	+I Z FS	PKP	04 28 31.5	1.0	1.78		16120	144.9	1.5	359.0
	E Z FS	-	04 29 02.-							
GRF	+E Z BE	PKP	04 28 35.0	0.9	1.79	4	16230	146.0	8.5	354.3
	E Z BE	-	04 29 04.4			2				
BUH	+E Z GT	PKP	04 28 38.4				16370	147.2	3.5	357.6
FUR	+I Z SL	PKHKP	04 28 39.-	1.5	1.90	9	16400	147.5	9.0	353.8
	-I Z SL	XPKP	04 29 11.-	1.5	1.60	2				

FEB 15
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	06 35 36.5							

FEB 15 ERL
H= 11 21 49.7
LAT = 51.4 N
LONG= 177.4 W
DEPTH= 50 KM
MAGNITUDE= 4.9
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	E Z BE	P	11 33 50.5			2	8790	79.0	5.5	354.3

FEB 15
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	11 49 47.7			2				
	E N BE	SG	11 50 15.5			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 15 ERL H= 12 33 50.3 LAT = 37.1 N LONG= 24.0 E DEPTH= 9 KM MAGNITUDE= 4.2 SOUTHERN GREECE										
GRF	E Z BE	P	12 37 38.6			1	1740	15.6	139.1	327.9
FEB 15 NO DETERMINATION OF EPICENTER										
BUH	-E Z GT	PN	19 04 09.0							
GRF	E Z BE	PN	19 04 12.3			1				
	E Z BE	-	19 04 22.6			2				
	E N BE	SG	19 05 17.8			1				
FEB 15 ERL H= 21 18 21.2 LAT = 17.5 S LONG= 71.2 W DEPTH= 71 KM MAGNITUDE= 5.7 NEAR COAST OF PERU										
STU	+E Z BE	P	21 31 44.6	1.0	1.77	2	10770	96.8	251.4	41.1
FUR	-I Z SL	P	21 31 52.-	1.5	1.60	3	10890	98.0	252.8	42.1
	+I Z SL	-	21 31 54.-	1.9	1.96	5				
	+I Z SL	AP	21 32 08.-	1.8	1.91	6				
	+I Z SL	-	21 32 15.-	1.5	1.78	9				
GRF	E Z BE	P	21 31 53.1	0.8	1.36	4	10940	98.4	253.0	40.6
	E Z BE	AP	21 32 08.1			2				
FEB 16 ERL H= 00 42 23.6 LAT = 36.9 N LONG= 24.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 SOUTHERN GREECE										
FEB 16 BCS H= 00 42 24.0 LAT = 37.0 N LONG= 24.3 E SOUTHERN GREECE										
GRF	E Z BE	P	00 46 06.2			1	1760	15.8	138.8	327.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 16 ERL H= 02 56 22.4 LAT = 36.9 N LONG= 24.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 SOUTHERN GREECE										
GRF	E Z BE	P	03 00 05.0			1	1750	15.8	139.1	327.9
FEB 16 ERL H= 03 49 50.8 LAT = 11.3 S LONG= 166.3 E DEPTH=100 KM MAGNITUDE= 5.2 SANTA CRUZ ISLANDS										
GRF	-E Z BE	PKP	04 09 04.8			2	15180	136.5	37.0	336.5
FUR	-E Z SL	PKP1	04 09 06.-	1.7	1.46	5	15320	137.7	38.1	335.1
	+I Z SL	APKP	04 09 33.-	2.0	2.03	3				
FEB 16 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	12 37 27.-	1.4	1.60					
FEB 16 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	17 09 44.2			1				
FEB 16 ERL H= 21 04 07.4 LAT = 52.2 N LONG= 171.1 W DEPTH= 48 KM MAGNITUDE= 4.8 FOX ISLANDS, ALEUTIAN ISLANDS										
GRF	+E Z BE	P	21 16 05.4	0.8	1.19	3	8720	78.4	1.5	358.4
FEB 16 ERL H= 23 19 19.7 LAT = 41.7 N LONG= 80.7 E DEPTH= 29 KM MAGNITUDE= 4.8 SOUTHERN SINKIANG PROV., CHINA										
GRF	+E Z BE	P	23 27 55.8	0.8	1.41	3	5290	47.6	71.8	304.6
	+E Z BE	AP	23 28 04.9	0.9	1.63	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 17										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	00 04 31.7							
FEB 17 ERL										
H= 00 13 01.5										
LAT = 17.6 N										
LONG= 76.0 W										
DEPTH= 21 KM										
MAGNITUDE= 5.1										
JAMAICA REGION										
NOS= BELIEVED TO BE THE FIRST EPICENTER NEAR MORANT CAYS.										
GRF	E Z BE	P	00 24 50.0			1	8340	75.0	279.6	42.2
FUR	+I Z SL	P	00 24 54.-	1.5	1.78	5	8380	75.3	280.0	43.7
FEB 17 ERL										
H= 00 39 09.9										
LAT = 6.1 S										
LONG= 151.8 E										
DEPTH= 40 KM										
MAGNITUDE= 5.5										
NEW BRITAIN REGION										
GRF	E Z BE	PKP	00 58 09.2			2	13950	125.4	50.8	329.6
FEB 17 ERL										
H= 02 02 53.0										
LAT = 52.2 N										
LONG= 171.0 W										
DEPTH= 44 KM										
MAGNITUDE= 4.8										
FOX ISLANDS, ALEUTIAN ISLANDS										
GRF	E Z BE	P	02 14 51.4	1.0	1.46	2	8730	78.5	1.4	358.5
FEB 17 BOS										
H= 04 03 31.0										
LAT = 50.6 N										
LONG= 6.0 E										
GERMANY										
BNS= HOHES VENN, 4 KM SW OF EUPEN, GERMANY-BELGIUM BORDER REGION. H= 04 03 31.3, 50 DEG. 36 MIN. N, 6 DEG. 00 MIN. E, M(LOCAL)= 3.1 FELT WITH MAXIMUM INTENSITY IV IN THE REGION OF EUPEN. MAXIMUM RADIUS OF PERCEPTIBILITY R= 20 KM.										
BNS	E Z FS	PG	04 03 46.7							
	-I N X	SG	04 03 57.6	0.6	2.77		90	0.8	244.4	63.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	I Z FS	-	04 03 59.0	0.6	2.36					
	I E X	-	04 03 59.5	0.6	2.69					
BOC	+I E B4	PN	04 03 53.0	0.5		2	130	1.2	221.2	40.2
	-I E B4	SN	04 04 08.2	1.5	3.57	4				
BUH	E Z GT	PN	04 04 09.8				270	2.4	323.9	142.2
FEB 17										
NO DETERMINATION OF EPICENTER										
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.										
FUR	Z SL	MAXIMUM	11 04 40.-	2.0	2.33					
FEB 17 ERL										
H= 15 57 37.1										
LAT = 29.1 N										
LONG= 139.7 E										
DEPTH=383 KM										
MAGNITUDE= 5.1										
SOUTH OF HONSHU, JAPAN										
GRF	-E Z JM	P	16 09 50.7	1.4	1.96	2	9910	89.1	43.2	329.4
FUR	+I Z SL	P	16 09 56.-	1.7	2.07	7	10030	90.2	43.3	328.3
FEB 18										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	03 36 50.4							
FEB 18										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	03 51 25.-							
	E Z FS	-	03 51 31.5							
FEB 18										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	13 58 21.4			1				
	E N BE	SG	13 59 35.4			2				
FEB 18 ERL										
H= 18 02 34.1										
LAT = 43.6 N										
LONG= 147.8 E										
DEPTH= 36 KM										
MAGNITUDE= 4.7										
KURIL ISLANDS										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	18 14 42.6	1.0	1.40	1	8850	79.6	30.5	333.0

FEB 19 ERL
H= 00 41 22.9
LAT = 50.4 N
LONG= 5.9 E
DEPTH= 26 KM
BELGIUM

FEB 19 BCS
H= 00 41 23.0
LAT = 50.5 N
LONG= 5.9 E
BELGIUM

BNS= HOHES VENN, 8 KM NW OF MALMEDY, GERMANY BELGIUM BORDER REGION.
H= 00 41 23.6, 50 DEG. 28 MIN. N, 05 DEG. 56 MIN. E, M(LOCAL)= 3.2,
FELT WITH MAXIMUM INTENSITY IV IN THE REGION OF EUPEN. MAXIMUM RADIUS
OF PERCEPTIBILITY R= 35 KM.

BNS	E Z FS	PG	00 41 40.7			110	1.0	238.1	57.1
	+I Z FS	-	00 41 42.6						
	+I N X	SG	00 41 53.2	0.6	2.71				
	+I E X	-	00 41 53.8	0.6	2.92				
	E Z FS	-	00 41 54.0	0.5	2.48				
BUH	E Z GT	PN	00 42 00.4			260	2.3	320.1	138.3

FEB 19 ERL
H= 08 07 02.1
LAT = 12.9 N
LONG= 121.3 E
DEPTH= 14 KM
MAGNITUDE= 4.9
MINDORO, PHILIPPINE ISLANDS

FUR	Z SL	RM	09 06 00.-	14.0	3.05	10380	93.4	66.6	320.9

FEB 19
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	11 07 59.6						

FEB 19 ERL
H= 13 19 25.2
LAT = 44.4 N
LONG= 149.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
KURIL ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+I Z BE	P	13 31 29.2	0.8	1.90	4	8820	79.3	29.2	333.7
BNS	E Z FS	P	13 31 29.-				8830	79.4	26.7	336.7

FEB 19 ERL
H= 13 54 45.8
LAT = 44.6 N
LONG= 149.1 E
DEPTH= 50 KM
MAGNITUDE= 5.4
KURIL ISLANDS

GRF	+E Z BE	P	14 06 47.1	0.9	2.15	3	8800	79.2	29.2	333.7
	E Z BE	-	14 08 02.3			2				
BNS	-I Z FS	P	14 06 47.7	1.5	1.95		8810	79.3	26.7	336.6
	E Z FS	-	14 07 03.4							
FUR	+I Z SL	P	14 06 55.-	1.5	2.06	9	8950	80.5	29.1	332.9
	+I Z SL	PCP	14 06 58.-	1.5	1.88	4				
	-I Z SL	XP	14 07 04.-	1.9	2.13	3				
STU	+E Z BE	P	14 06 54.2	1.1	2.01	2	8970	80.6	27.8	334.4

FEB 19 ERL
H= 14 39 05.3
LAT = 25.3 S
LONG= 179.6 E
DEPTH=488 KM
MAGNITUDE= 4.6
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	14 58 25.8			2	17130	154.0	24.6	342.6

FEB 19 ERL
H= 22 40 17.9
LAT = 44.4 N
LONG= 149.1 E
DEPTH= 48 KM
MAGNITUDE= 5.0
KURIL ISLANDS

GRF	+E Z BE	P	22 52 20.7	1.0	1.86	3	8830	79.4	29.3	333.7

FEB 20 ERL
H= 03 02 14.0
LAT = 34.6 N
LONG= 80.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
TIBET

GRF	+E Z BE	P	03 11 20.6			4	5740	51.6	79.5	309.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT. EPIC.
BUH	E Z GT	P	03 11 35.5				5980	53.8	76.8 308.6

FEB 20 ERL
H= 04 38 19.2
LAT = 26.7 S
LONG= 178.4 W
DEPTH=275 KM
MAGNITUDE= 5.1
SOUTH OF FIJI ISLANDS

BNS	+I Z FS	PKP	04 58 07.4	2.0	1.85		17280	155.4	12.1 351.5
GRF	E Z BE	PKP	04 57 41.8			2	17340	155.9	21.5 344.6
	+I Z BE	PKP	04 58 10.4	1.2	2.10	6			
	E Z BE	PP	05 01 41.0			1			
FUR	+I Z SL	PKP2	04 58 17.-	1.5	1.90	7	17490	157.3	23.0 343.0
BUH	+E Z GT	PKP	04 58 16.6				17510	157.5	15.7 348.4

FEB 20 ERL
H= 06 08 17.9
LAT = 29.9 N
LONG= 113.5 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
GULF OF CALIFORNIA

BNS	+E Z FS	P	06 20 46.0	1.5	1.85		9350	84.0	311.4 33.1
	+I Z FS	-	06 20 49.5						
	E Z SL	LR	06 51 00.-						
	Z SL	-	07 00 00.-	16.0					
BUH	E Z GT	P	06 20 58.3				9570	86.1	312.3 34.4
GRF	E Z BE	P	06 21 00.6			2	9650	86.8	314.4 32.3
FUR	+I Z SL	P	06 21 08.-	1.5	1.68	9	9780	87.9	314.5 33.4
	Z SL	RM	07 06 00.-	17.0	3.54				

FEB 20 ERL
H= 13 28 35.1
LAT = 14.6 S
LONG= 167.3 E
DEPTH=137 KM
MAGNITUDE= 4.9
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP	13 47 58.9			1	15560	139.9	37.6 335.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT. EPIC.

FEB 20 ERL
H= 14 09 57.3
LAT = 21.6 S
LONG= 169.5 E
DEPTH= 18 KM
MAGNITUDE= 4.8
LOYALTY ISLANDS REGION

GRF	E Z BF	PKP	14 29 41.4			2	16360	147.1	39.3 333.8
FUR	-I Z SL	PKP1	14 29 44.-	1.5	1.72	3	16480	148.2	41.0 331.9
	+I Z SL	PKP2	14 29 50.-	2.6	2.55	3			
	+I Z SL	-	14 30 18.-	2.0	2.33	9			

FEB 20
NO DETERMINATION OF EPICENTER

BUH	I Z GT	PN	16 44 39.7						

FEB 20
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	18 49 19.1			1			
	E N BE	SG	18 50 08.0			2			

FEB 20 ERL
H= 21 38 36.9
LAT = 36.8 N
LONG= 21.6 E
DEPTH= 55 KM
MAGNITUDE= 4.4
SOUTHERN GREECE

GRF	E Z BE	P	21 42 11.8			1	1660	14.9	146.0 333.1

FEB 21 ERL
H= 06 02 37.7
LAT = 17.6 S
LONG= 167.9 E
DEPTH= 27 KM
MAGNITUDE= 5.1
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP	06 22 12.0			1	15880	142.8	38.8 334.8
FUR	+I Z SL	PKP1	06 22 09.-	1.5	1.72	9	16010	144.0	40.2 333.1
	+I Z SL	-	06 22 16.-	1.5	1.60	9			
	+I Z SL	APKP	06 22 24.-	1.5	1.75	4			
BUH	E Z GT	PKP	06 22 11.3				16110	144.8	35.2 336.4

FEB 21
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z JM	PN	14 25 18.1			2				
	-I Z JM	PG	14 25 24.8			3				
	I N BE	SG	14 25 47.9			6				
FEB 21 ERL H= 14 55 24.4 LAT = 31.4 N LONG= 131.8 E DEPTH= 40 KM MAGNITUDE= 4.6 KYUSHU, JAPAN										
GRF	E Z BE	P	15 07 50.5			1	9290	83.6	47.8	325.7
	E Z BE	-	15 07 59.3			2				
FEB 21 ERL H= 19 34 50.9 LAT = 55.9 N LONG= 158.3 W DEPTH= 60 KM MAGNITUDE= 5.7 ALASKA PENINSULA										
HLG	+I Z X	P	19 45 58.2	1.0		2	7750	69.7	351.7	8.6
	Z X	PCP	19 46 13.-	0.9		2				
BNS	+E Z FS	P	19 46 14.3	3.0	2.43		8100	72.8	351.5	9.6
	E Z FS	-	19 46 29.-							
	E Z SL	S	19 55 30.-							
	E Z SL	LR	20 09 50.-							
	Z SL	-	20 12 00.-	36.0						
	Z SL	-	20 16 00.-	26.0						
GRF	+I Z BE	P	19 46 24.6	0.8	1.71	4	8270	74.4	353.9	7.1
	+E Z BE	-	19 46 30.8			2				
	+E Z BE	AP	19 46 37.4			4				
KRL	+E Z ST	P	19 46 27.8	1.2		3	8330	74.9	352.3	9.0
STU	E Z BE	P	19 46 28.3	1.0	1.80	2	8360	75.2	352.7	8.5
BUH	+E Z GT	P	19 46 29.0				8360	75.2	352.2	9.2
FUR	+I Z SL	P	19 46 32.-	2.0	2.69	9	8440	75.9	354.0	7.2
	-I Z SL	PCP	19 46 40.-	1.7	2.15	3				
	+I Z SL	AP	19 46 54.-	2.0	2.85	7				
	N SL	RM	20 17 00.-	28.0	3.65					
FEB 21 ERL H= 22 00 58.8 LAT = 54.4 N LONG= 161.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 NEAR EAST COAST OF KAMCHATKA										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	22 12 28.5	0.9	1.63	3	8140	73.2	17.7	340.2
FEB 22 ERL H= 01 14 47.5 LAT = 36.4 N LONG= 70.6 E DEPTH=212 KM MAGNITUDE= 5.3 HINDU KUSH REGION NOS= FELT (V) AT KABUL.										
GRF	+E Z BE	P	01 22 37.6	1.8	2.32	3	4920	44.2	84.1	306.8
	E Z BE	AP	01 23 22.8			2				
	-E Z BE	PP	01 24 25.2			4				
FUR	+I Z SL	P	01 22 38.-	1.5	1.90	9	4930	44.4	82.6	304.6
	+I Z SL	AP	01 23 36.-	1.5	2.00	5				
	-I Z SL	PP	01 24 26.-	1.5	1.86	9				
STU	E Z BE	P	01 22 48.1	1.0	1.75	2	5080	45.6	81.8	305.7
BUH	+E Z GT	P	01 22 52.8				5150	46.3	81.1	305.7
BNS	+I Z FS	P	01 22 55.5	1.8	1.78		5190	46.6	82.6	309.0
	E Z FS	-	01 23 39.-							
FEB 22 NO DETERMINATION OF EPICENTER FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.										
FUR	Z SL	MAXIMUM	11 11 50.-	1.6	1.71					
FEB 22 NO DETERMINATION OF EPICENTER										
FUR	-E E SL	-	14 03 02.-	1.2	1.80	6				
	-E E SL	-	14 04 35.-	1.3	1.75	2				
	E SL	MAXIMUM	14 05 20.-	1.5	1.90					
FEB 22 ERL H= 18 43 42.0 LAT = 10.4 N LONG= 92.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 ANDAMAN ISLANDS REGION										
FUR	+I Z SL	P	18 55 31.-	1.5	1.64	9	8500	76.4	89.5	317.1
	+I Z SL	APCP	18 55 46.-	2.0	2.03	2				
GRF	+E Z BE	P	18 55 30.7	0.9	1.63	1	8500	76.5	89.8	318.7
	E Z BE	-	18 55 44.3			4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	-E Z GT	P	18 55 41.2				8720	78.5	87.4	317.7

FEB 22 ERL
H= 19 59 56.8
LAT = 41.8 N
LONG= 142.8 E
DEPTH= 56 KM
MAGNITUDE= 5.3
HOKKAIDO, JAPAN REGION

GRF	+I Z BE	P	20 11 59.5	0.8	1.71	3	8840	79.5	34.7	330.4
BNS	E Z FS	P	20 12 00.7				8880	79.9	32.1	333.3
FUR	+I Z SL	P	20 12 06.-	1.5	1.72	9	8980	80.7	34.6	329.5
	+I Z SL	AP	20 12 20.-	1.7	1.78	2				
BUH	E Z GT	P	20 12 08.5				9060	81.4	32.6	331.5

FEB 22 ERL
H= 21 51 02.0
LAT = 62.9 S
LONG= 166.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
BALLENY ISLANDS REGION

GRF	E Z BE	PKP	22 11 43.6			2	17920	161.2	143.7	236.9

FEB 22
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	23 41 06.0							

FEB 23 ERL
H= 03 07 03.6
LAT = 43.7 N
LONG= 148.4 E
DEPTH= 41 KM
MAGNITUDE= 4.8
KURIL ISLANDS REGION

GRF	+E Z BE	P	03 19 19.7			3	8860	79.7	30.1	333.3
	-E Z BE	AP	03 19 22.3			2				

FEB 23 ERL
H= 03 21 30.7
LAT = 44.2 N
LONG= 148.4 E
DEPTH= 40 KM (GEOPHYSICIST)
MAGNITUDE= 4.7
KURIL ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	03 33 34.2			2	8820	79.3	29.8	333.3
	-E Z BE	AP	03 33 47.4			2				

FEB 23 ERL
H= 03 42 41.1
LAT = 43.9 N
LONG= 148.3 E
DEPTH= 39 KM
MAGNITUDE= 4.9
KURIL ISLANDS REGION

GRF	+E Z BE	P	03 54 46.4	1.0	1.40	3	8840	79.5	30.0	333.3

FEB 23
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	04 58 02.3			1				
	+E Z BE	-	04 58 04.7			4				

FEB 23
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	12 10 35.1			1				
	E N BE	SG	12 11 05.0			2				

FEB 23 ERL
H= 18 19 04.6
LAT = 15.1 S
LONG= 173.0 W
DEPTH= 51 KM
MAGNITUDE= 5.7
TONGA ISLANDS

BNS	-I Z FS	PKP	18 38 36.2	2.4	2.30		16040	144.2	0.2	359.8
	E Z FS	-	18 38 54.0							
GRF	E Z BE	PKIKP	18 38 36.5			1	16160	145.3	7.1	355.2
	E Z BE	PKHKP	18 38 39.7			2				
	-E Z BE	-	18 38 52.2			6				
	E Z BE	-	18 38 57.4			4				
BUH	-E Z GT	PKP	18 38 43.5				16290	146.5	2.1	358.6
FUR	+E Z SL	PKP1	18 38 43.-	2.0	2.58	9	16330	146.9	7.5	354.8
	-I Z SL	PKP2	18 38 48.-	1.5	1.15	7				
	-I Z SL	APKP	18 38 55.-	2.0	1.21	9				
	-I Z SL	APKP	18 38 59.-	1.5	2.00	2				
	-I Z SL	XPKP	18 39 05.-	1.8	2.42	3				

FEB 1972 FEB 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	
FEB 24 ERL H= 01 43 04.5 LAT = 55.8 N LONG= 158.3 W DEPTH= 66 KM MAGNITUDE= 5.3 ALASKA PENINSULA										
BNS	+I Z FS	P	01 54 27.5	2.1	2.00		8110	72.9	351.5	9.6
	E Z FS	-	01 54 45.-							
GRF	+I Z BE	P	01 54 37.9	1.5	2.09	4	8280	74.5	353.9	7.1
	E Z BE	-	01 54 45.1			2				
	E Z BE	AP	01 54 53.8			3				
STU	-E Z BE	P	01 54 41.7	1.3	1.93	2	8370	75.2	352.7	8.6
BUH	+E Z GT	P	01 54 42.0				8370	75.3	352.2	9.2
FUR	+I Z SL	P	01 54 47.-	1.8	2.21	9	8450	76.0	353.9	7.2
	-I Z SL	-	01 54 52.-	1.8	1.91	4				
	-I Z SL	APCP	01 55 08.-	1.5	1.60	3				
FEB 24 ERL H= 10 19 36.6 LAT = 48.8 N LONG= 155.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 KURIL ISLANDS										
GRF	+I Z BE	P	10 31 29.0	0.8	1.71	2	8590	77.2	23.2	337.3
FUR	+E Z SL	P	10 31 37.-	1.0	2.00	5	8740	78.6	23.1	336.6
	+E Z SL	-	10 31 40.-	2.0	2.03	9				
BUH	+E Z GT	P	10 31 37.9				8780	78.9	21.2	338.7
FEB 24 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	10 26 04.2			2				
FEB 24 ERL H= 15 51 11.9 LAT = 22.4 S LONG= 171.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 LOYALTY ISLANDS REGION										
GRF	E Z BE	PKP	16 11 00.7			2	16540	148.8	36.4	335.4
BNS	E Z FS	PKP	16 11 01.0				16580	149.1	28.5	341.0

FEB 1972 FEB 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	
FUR	+I Z SL	PKP1	16 11 04.-	1.8	1.87	3	16680	150.0	38.0	333.5
	-I Z SL	PKHKP	16 11 11.-	1.8	2.05	3				
	+E Z SL	PKP2	16 11 18.-	2.0	1.99	9				
	+I Z SL	APKP	16 11 30.-	2.0	2.21	3				
FEB 24 ERL H= 15 56 51.1 LAT = 36.6 N LONG= 121.2 W DEPTH= 5 KM MAGNITUDE= 4.9 CENTRAL CALIFORNIA										
NOS= 36 DEG. 35.0 MIN. N, 121 DEG.13.2 MIN. W, HYPOCENTER AND MAG. (5.1) BY BERKELEY. SLIGHT DAMAGE IN THE BEAR VALLEY AND MELENDY RANCH AREAS. FELT IN SAN LUIS OBISPO, FRESNO AND MADERA COUNTIES. ALSO FELT IN SAN FRANCISCO BAY AREA. MAX. INT. (VI).										
GRF	E Z BE	P	16 09 43.2			1	9380	84.3	323.3	28.8
FEB 24 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	PG	16 01 16.5							
	E E X	SG	16 01 23.5							
FEB 24 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	21 31 25.6							
FEB 25 ERL H= 01 17 12.5 LAT = 60.6 S LONG= 25.7 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.0 SOUTH SANDWICH ISLANDS REGION										
FUR	+I Z SL	PP	01 36 36.-	2.0	2.21	9	12510	112.5	198.7	25.8
	-I Z SL	XPP	01 36 46.-	2.0	2.33	7				
	N SL	QM	02 22 00.-	18.0	3.78					
GRF	E Z BE	PKP	01 36 15.5			1	12670	113.9	198.9	25.2
	+E Z BE	-	01 36 42.9			4				
BNS	E Z FS	PKP	01 36 47.4	3.0	2.38		12710	114.3	197.1	22.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 25 ERL H= 01 48 47.3 LAT = 46.9 N LONG= 27.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 NORTH ATLANTIC RIDGE										
BNS	E Z FS	P	01 53 49.0				2550	23.0	273.4	67.0
BUH	E Z GT	P	01 53 58.2				2660	23.9	279.3	72.5
GRF	+I Z BE	P	01 54 19.2			2	2850	25.7	278.7	69.4
FUR	+E Z SL	P	01 54 19.-	1.5	1.30	5	2890	26.0	281.8	72.8
	-I Z SL	AP	01 54 24.-	1.8	1.91	2				
	+I Z SL	XP	01 54 30.-	2.0	2.18	2				
	-I Z SL	PPP	01 55 09.-	1.9	1.91	2				
	-I Z SL	-	01 55 22.-	1.8	1.87	3				
FEB 25 BGS H= 02 36 46.0 LAT = 47.4 N LONG= 10.0 E AUSTRIA										
FUR	-I Z SL	SN	02 37 24.-	1.0	2.00	2	130	1.2	228.8	47.9
	Z SL	MAXIMUM	02 38 25.-	1.5	1.60					
STU	+E Z BE	PG	02 37 11.5	0.3	1.83	2	160	1.5	158.2	338.8
BUH	+E Z GT	PN	02 37 13.2				190	1.7	136.4	317.7
GRF	E Z JM	PN	02 37 20.4			1	270	2.4	199.8	18.9
	E Z JM	PG	02 37 28.6			2				
	E N GT	SN	02 37 50.3			1				
	E N GT	SG	02 37 59.6			2				
FEB 25 ERL H= 08 44 12.0 LAT = 25.1 S LONG= 179.7 W DEPTH=450 KM MAGNITUDE= 5.2 SOUTH OF FIJI ISLANDS										
GRF	E Z BE	PKP	09 03 12.4			1	17120	154.0	23.1	343.6
	E Z BE	PKP	09 03 21.2			2				
	E Z BE	PKP	09 03 37.0	1.0	1.57	3				
FEB 25 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	E Z FS	P	11 07 21.5							
FEB 25 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	14 28 47.8			1				
	E N BE	SG	14 29 21.4			1				
FEB 26 ERL H= 02 12 57.3 LAT = 49.2 N LONG= 156.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 KURIL ISLANDS										
BNS	E Z FS	P	02 24 46.3				8540	76.8	20.3	340.4
GRF	+E Z BE	P	02 24 48.0	0.9	1.87	4	8560	77.0	22.8	337.5
STU	-E Z BE	P	02 24 55.6	1.0	1.57	3	8710	78.4	21.4	338.4
FUR	-I Z SL	P	02 24 58.0	1.5	1.83	3	8720	78.4	22.7	336.9
BUH	-E Z GT	P	02 24 57.5				8750	78.7	20.8	339.0
FEB 26 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	04 52 17.7			2				
FEB 26 ERL H= 05 58 22.1 LAT = 46.8 N LONG= 152.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 KURIL ISLANDS										
GRF	-E Z BE	P	06 10 21.0	0.7	1.35	3	8700	78.2	26.0	335.6
FEB 26 ERL H= 15 25 33.1 LAT = 16.0 N LONG= 91.0 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 MEXICO-GUATEMALA BORDER REGION										
GRF	E Z BE	P	15 38 10.4			1	9520	85.7	289.5	39.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 26 ERL										
H= 23 31 09.6										
LAT = 50.6 N										
LONG= 97.3 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.3										
USSR-MONGOLIA BORDER REGION										
GRF	-E	Z BE	P	23 40 17.4			2	5790	52.1	53.7 304.8
	-E	Z BE	-	23 40 19.9	1.5	2.61	4			
FUR	-I	Z SL	P	23 40 26.-	1.7	2.31	7	5890	53.0	52.8 303.2
	+I	Z SL	-	23 41 15.-	2.0	2.18	2			
	+I	Z SL	PGP	23 41 29.-	1.8	1.87	2			
	+I	Z SL	APGP	23 41 38.-	2.6	2.49	3			
	+E	Z SL	PP	23 42 21.-	2.0	2.15	7			
	+I	Z SL	XPP	23 42 34.-	2.0	2.03	2			
		Z SL	RM	00 04 10.-	13.0	3.80				
BNS	E	Z FS	P	23 40 26.5	2.1	2.15		5940	53.4	52.5 308.0
	I	Z FS	-	23 40 28.7						
	E	Z FS	-	23 42 13.5						
STU	E	Z BE	P	23 40 28.3	1.5	2.42	2	5970	53.7	52.2 304.9
BUH	E	Z GT	P	23 40 34.1				6040	54.3	51.7 305.3
FEB 27 ERL										
H= 10 03 02.6										
LAT = 87.0 N										
LONG= 53.5 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.9										
NORTH OF FRANZ JOSEF LAND										
GRF	E	Z BE	P	10 10 21.1			2	4260	38.3	3.2 224.8
BUH	E	Z GT	P	10 10 30.9				4390	39.5	3.3 227.8
FUR	-E	Z SL	P	10 10 36.-	2.0	1.73	5	4430	39.9	3.1 224.6
	-I	Z SL	AP	10 10 42.-	1.5	1.51	8			
FEB 27 ERL										
H= 11 08 19.9										
LAT = 1.5 S										
LONG= 65.1 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.0										
SOUTH INDIAN OCEAN										
FUR	+I	Z SL	P	11 19 18.-	2.0	2.15	3	7550	67.9	119.5 324.3
GRF	-E	Z BE	P	11 19 21.4			4	7640	68.7	120.0 325.7
BUH	E	Z GT	P	11 19 29.3				7770	69.9	117.0 323.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 27 ERL										
H= 12 14 03.7										
LAT = 34.8 N										
LONG= 9.1 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.7										
WEST OF GIBRALTAR										
FEB 27 BCS										
H= 12 14 06.0										
LAT = 34.9 N										
LONG= 8.8 W										
WEST OF GIBRALTAR										
NOS= FELT (III) AT CASABLANCA.										
BUH	E	Z GT	P	12 18 23.8				2100	18.9	229.3 37.6
BNS	E	Z FS	P	12 18 41.-	1.5	1.48		2230	20.0	222.5 31.2
	E	Z FS	-	12 22 17.-						
FUR	+E	Z SL	P	12 18 38.-	1.5	2.11	9	2250	20.2	236.1 42.5
	-I	Z SL	AP	12 18 45.-	2.0	2.21	3			
	-I	Z SL	XP	12 18 49.-	1.9	1.96	2			
	-I	Z SL	PP	12 18 54.-	1.9	2.00	2			
	+I	Z SL	PPP	12 19 04.-	1.5	1.60	5			
	-I	Z SL	-	12 19 23.-	2.0	1.08	2			
GRF	+E	Z BE	P	12 18 47.2	0.8	1.52	3	2340	21.1	232.7 38.9
FEB 28										
NO DETERMINATION OF EPICENTER										
BUH	E	Z GT	PN	01 28 00.6						
GRF	E	Z BE	PG	01 28 46.4			1			
	E	N BE	SG	01 29 37.8			2			
FEB 28										
NO DETERMINATION OF EPICENTER										
BUH	E	Z GT	PN	05 02 46.3						
FEB 28 ERL										
H= 10 52 43.7										
LAT = 37.0 N										
LONG= 24.2 E										
DEPTH= 11 KM										
MAGNITUDE= 4.8										
SOUTHERN GREECE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 28 BCS										
H= 10 52 46.0										
LAT = 36.9 N										
LONG= 24.4 E										
SOUTHERN GREECE										
FUR	+I Z SL	P	10 56 20.-	1.5	1.56	9	1630	14.6	135.0	323.8
	-I Z SL	-	10 56 23.-	1.8	1.05	8				
	-I Z SL	PP	10 56 32.-	1.8	1.02	2				
	+I Z SL	-	10 56 46.-	1.5	1.51	8				
GRF	+E Z BE	P	10 56 30.8	1.1	2.38	3	1750	15.8	138.7	327.7
BUH	-E Z GT	P	10 56 41.5				1830	16.5	129.2	320.1
BNS	E Z FS	P	10 57 03.0				2060	18.5	132.5	324.4
	E Z FS	-	10 57 51.0							
FEB 28 ERL										
H= 15 41 05.3										
LAT = 49.5 N										
LONG= 8.2 E										
DEPTH= 10 KM (GEOPHYSICIST)										
GERMANY										
FEB 28 BCS										
H= 15 41 07.0										
LAT = 49.4 N										
LONG= 8.3 E										
GERMANY										

BNS= UPPER RHINEGRABEN, NEAR SPEYER, RHINELAND PFALZ, WEST GERMANY.
H= 15 41 11, 49 DEG. 19 MIN. N, 08 DEG. 26 MIN. E, M(LOCAL)= 3.6
FELT WITH MAX. INT. V IN THE REGION BETWEEN HEIDELBERG AND SPEYER.

STU= H= 16 41 10, 49 DEG. 18 MIN. N, 8 DEG. 26 MIN. E,
DEPTH= 2 KM, ML= 3.3.

KRL	+E Z ST	PN	15 41 18.0	0.9		2	60	0.5	345.0	164.8
	-I E ST	PG	15 41 23.5	1.0		9				
TNS	E N X	PG	15 41 29.0			2	80	0.7	192.3	12.1
	E E X	SG	15 41 38.5			3				
BUH	-I Z GT	PN	15 41 22.1				90	0.8	359.1	179.1
STU	+E Z BE	PG	15 41 23.5	0.5	2.11	2	110	1.0	319.0	138.3
	ST	SG	15 41 34.8							
BNS	E Z FS	PN	15 41 39.2				180	1.6	155.2	336.0
	E Z FS	-	15 41 42.4							
	I Z FS	PG	15 41 43.3							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E E X	SG	15 42 03.2							
	E Z FS	-	15 42 04.3	0.7	2.54					
	-I N X	-	15 42 09.7	0.7	2.93					
	+I E X	-	15 42 10.3	0.8	2.76					
GRF	E Z JM	PN	15 41 39.2			1	220	2.0	265.6	83.4
	E Z JM	PG	15 41 44.1			3				
	+I Z BE	-	15 41 46.1			9				
	I Z BE	SG	15 42 09.2			9				
FUR	-I Z SL	PG	15 41 56.-	1.5	1.90	3	270	2.4	304.6	122.3
	+I Z SL	SG	15 42 23.-	1.5	1.78	4				
	Z SL	MAXIMUM	15 42 56.-	1.9	2.69					
FEB 28 ERL										
H= 17 32 29.4										
LAT = 43.4 N										
LONG= 132.2 E										
DEPTH=457 KM										
MAGNITUDE= 4.5										
NEAR E. COAST OF EASTERN RUSSIA										
GRF	-E Z BE	P	17 43 18.5	0.7	1.40	3	8220	73.9	40.5	324.6
FEB 29										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	08 32 16.8			2				
	E N BE	SG	08 32 48.8			2				
FEB 29 ERL										
H= 09 22 59.8										
LAT = 33.3 N										
LONG= 140.8 E										
DEPTH= 56 KM										
MAGNITUDE= 6.3										
SOUTH OF HONSHU, JAPAN										

NOS= DAMAGE (VI JMA) ON HACHIJOJIMA AND IN THE TOKYO AREA. SEVERAL
CENTIMETERS TSUNAMI WERE OBSERVED AT TATEYAMA, CAPE SHIONOMISAKI AND
OTHER PLACES. FELT WIDELY ON HONSHU. MAG. 7.2 (PAS), 7.1 (BRK).

HLG	+I Z SL	P	09 35 24.2			4	9320	83.8	38.1	334.3
	+I Z X	P	09 35 25.-			2				
GRF	+E Z BE	P	09 35 35.3	1.6	3.30	5	9560	86.0	40.3	329.9
	E N GT	S	09 46 04.5			9				
	E Z BE	-	09 53 36.4			2				
BOC	-I Z B4	P	09 35 37.8	2.5	4.18	2	9590	86.2	37.4	333.0
	+E E B4	S	09 45 54.7	10.0	4.60	2				
BNS	+I Z FS	P	09 35 37.5	1.8	3.52		9630	86.6	37.4	332.7
	+I Z SL	-	09 35 38.-	8.0						
	I Z SL	PP	09 39 08.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	I Z SL	PPP	09 41 10.-							
	E E X	S	09 45 35.-							
	I Z SL	SP	09 46 08.-							
	E Z SL	SS	09 52 20.-							
	E Z SL	LR	10 04 20.-	60.0						
	Z SL	-	10 13 00.-	28.0						
FUR	+I Z SL	P	09 35 42.-	1.5	2.38	9	9690	87.1	40.3	328.9
	E SL	QM	10 06 00.-	40.0	5.29					
	E SL	RM	10 15 00.-	15.0	5.03					
STU	AE Z BE	P	09 35 43.2	1.0	3.23	4	9740	87.6	38.8	330.3
	+E N SL	S	09 46 08.0	40.0	5.13	4				
KRL	+I Z ST	P	09 35 45.0	2.0		5	9750	87.7	38.2	330.9
	+E E ST	S	09 46 12.-	5.0		9				
BUH	+I Z GT	P	09 35 45.6				9790	88.0	38.1	330.8

FEB 29 ERL
H= 09 42 41.9
LAT = 33.5 N
LONG= 140.9 E
DEPTH= 63 KM
MAGNITUDE= 5.8
SOUTH OF HONSHU, JAPAN

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	09 55 16.6	1.2	2.50	5	9560	85.9	40.2	329.9
	E Z BE	PPP	10 01 25.4			2				
FUR	-I Z SL	P	09 55 22.-	1.8	2.44	9	9680	87.1	40.2	328.9

FEB 29 ERL
H= 11 07 57.3
LAT = 33.5 N
LONG= 141.0 E
DEPTH= 51 KM
MAGNITUDE= 5.0
OFF EAST COAST OF HONSHU, JAPAN

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	11 20 33.4			2	9560	85.9	40.1	330.0

FEB 29
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	11 19 23.1			1				

FEB 29 ERL
H= 12 01 25.5
LAT = 33.6 N
LONG= 140.9 E
DEPTH= 53 KM
MAGNITUDE= 4.7
SOUTH OF HONSHU, JAPAN

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	12 14 01.6			2	9550	85.8	40.1	329.9

FEB 29 ERL
H= 13 00 45.0
LAT = 18.2 N
LONG= 120.4 E
DEPTH= 34 KM
MAGNITUDE= 5.1
LUZON, PHILIPPINE ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	P	13 13 38.-	1.5	1.60	5	9870	88.8	63.9	320.8

FEB 29
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	-E Z GT	PN	20 23 15.3							

FEB 29 ERL
H= 20 54 21.2
LAT = 42.0 N
LONG= 15.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
ADRIATIC SEA

FEB 29 BCS
H= 20 54 28.0
LAT = 42.0 N
LONG= 15.0 E
ADRIATIC SEA

NOS= FELT IN ABRUZZIE AND MOLISE PROVINCES.

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	PN	20 56 06.-	1.5	1.38	2	750	6.8	153.2	336.1
	+I Z SL	PB	20 56 18.-	1.5	1.72	4				
	+I Z SL	PG	20 56 49.-	1.8	2.27	3				
	Z SL	MAXIMUM	20 59 00.-	1.5	2.82					
STU	E Z BE	P	20 56 17.1	0.5	1.54	2	890	8.0	144.8	329.2
GRF	E Z BE	PN	20 56 20.5			1	910	8.2	157.7	340.7
	E Z BE	PG	20 56 36.0			1				
	E N BE	SG	20 57 47.9			1				
BUH	-E Z GT	P	20 56 23.1				930	8.3	140.2	325.3
KRL	+E Z ST	-	20 56 48.5	0.9		2	950	8.5	142.4	327.3
BNS	E Z FS	PN	20 57 09.5				1170	10.6	144.5	330.5
	E E X	SN	20 58 49.7							
	E N X	-	20 58 50.5							
	E E X	SG	21 00 32.-	1.8	2.26					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

633.50
6 49.72

FEB 29 BCS
H= 21 32 19.0
LAT = 42.0 N
LONG= 15.0 E
ADRIATIC SEA

FUR	-I Z SL	-	21 34 33.-	1.5	1.75	3	750	6.7	155.5	338.1
	+I Z SL	PG	21 34 47.-	1.5	1.60	3				
	+I Z SL	SG	21 35 42.-	2.0	2.21	5				
	+I Z SL	SG	21 35 55.-	1.5	1.75	2				
	Z SL	MAXIMUM	21 37 05.-	1.5	2.26					
GRF	E Z BE	PN	21 34 16.4			1	900	8.1	159.6	342.4
	E Z BE	PG	21 34 32.2			2				
	E N BE	SG	21 35 40.0			2				
BUH	E Z GT	PN	21 34 17.2				910	8.2	142.0	326.6

MAR 01 ERL
H= 09 04 41.7
LAT = 18.9 S
LONG= 173.8 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.8
TONGA ISLANDS

HAM	-I Z SX	PKP	09 24 17.7			5	16170	145.4	6.3	356.0
BNS	+I Z FS	PKP	09 24 26.0	1.2	2.32		16460	148.0	1.8	358.8
	E Z FS	-	09 24 41.5							
	E Z FS	-	09 25 04.0							
GRF	+I Z BE	PKP	09 24 29.5	0.8	1.92	9	16570	149.0	9.3	353.6
	+I Z BE	-	09 24 33.1			4				
BUH	+I Z GT	PKP	09 24 32.1				16710	150.3	3.9	357.3
	+I Z GT	PKP	09 24 37.5							
FUR	+I Z SL	PKP1	09 24 33.-	1.2	2.17	9	16740	150.5	9.9	353.0
	-I Z SL	APKP	09 24 39.-	2.0	2.43	4				

MAR 01 ERL
H= 09 25 36.5
LAT = 33.5 N
LONG= 140.9 E
DEPTH= 62 KM
MAGNITUDE= 5.0
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	09 38 13.4			2	9560	86.0	40.1	330.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAR 01 ERL
H= 09 28 56.7
LAT = 40.5 N
LONG= 125.2 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
OFF COAST OF NORTHERN CALIFORNIA

BNS	+I Z FS	P	09 41 07.3	2.0	1.70		8880	79.9	325.1	28.3
BUH	E Z GT	P	09 41 17.4				9130	82.1	326.0	29.1
GRF	+E Z BE	P	09 41 18.8			3	9160	82.4	328.0	26.8
	-E Z BE	-	09 41 22.1			5				
	+E Z BE	-	09 41 25.6			2				
FUR	-I Z SL	P	09 41 29.-	1.5	2.08	6	9300	83.7	328.1	27.6
	-I Z SL	XPCP	09 41 44.-	1.5	1.83	4				

MAR 01 ERL
H= 13 09 15.8
LAT = 33.6 N
LONG= 140.8 E
DEPTH= 59 KM
MAGNITUDE= 4.5
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	13 22 00.9			1	9540	85.8	40.2	329.9

MAR 01
NO DETERMINATION OF EPICENTER

BUH	+I Z GT	PG	14 47 36.4							

MAR 01
NO DETERMINATION OF EPICENTER

BNS	E Z FS	PG	22 28 35.2							
	E E X	SG	22 28 44.5							

MAR 02 ERL
H= 09 30 08.7
LAT = 18.2 S
LONG= 168.1 E
DEPTH= 37 KM
MAGNITUDE= 4.9
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP2	09 49 38.0			2	15960	143.5	38.8	334.6
STU	+E Z BE	PKP	09 49 42.6	0.9	2.22	2	16130	145.1	36.6	335.5
BUH	+I Z GT	PKP	09 49 44.2				16180	145.5	35.2	336.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 02 ERL H= 09 59 16.9 LAT = 33.5 N LONG= 141.0 E DEPTH= 42 KM MAGNITUDE= 4.4 OFF EAST COAST OF HONSHU, JAPAN										
GRF	E Z BE	P	10 11 55.0			1	9560	86.0	40.1	330.0
MAR 02 ERL H= 10 08 45.8 LAT = 15.9 S LONG= 179.4 W DEPTH= 63 KM MAGNITUDE= 4.8 FIJI ISLANDS REGION										
GRF	+E Z BE	PKP	10 28 17.7			2	16140	145.2	18.1	347.9
MAR 02 ERL H= 10 44 09.2 LAT = 4.8 N LONG= 78.3 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 SOUTH OF PANAMA										
GRF	+E Z BE	P	10 56 51.2			2	9570	86.1	272.7	40.6
	-E Z BE	-	10 56 57.6			2				
MAR 02 NO DETERMINATION OF EPICENTER										
GRF	E Z JM	PN	14 24 50.2			1				
	E Z JM	PG	14 24 56.6			2				
	E N BE	SG	14 25 20.1			4				
MAR 02 ERL H= 20 10 08.2 LAT = 33.4 N LONG= 140.8 E DEPTH= 57 KM MAGNITUDE= 5.7 SOUTH OF HONSHU, JAPAN										
HOF	-I Z SL	P	20 22 41.-	2.0	2.62	2	9470	85.2.	40.7	330.0
	+I Z SL	PCP	20 22 44.-	2.0	2.50	9				
GRF	+I Z BE	P	20 22 43.6	1.0	2.16	5	9560	85.9	40.2	329.9
BNS	+I Z FS	P	20 22 46.0	1.1	1.78		9630	86.6	37.3	332.7
	E Z FS	-	20 22 56.0							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
STU	E Z BE	P	20 22 50.1	1.2	1.92	2	9730	87.5	38.7	330.3
BUH	-E Z GT	P	20 22 53.2				9780	88.0	38.0	330.8
MAR 03 ERL H= 02 13 11.0 LAT = 46.6 N LONG= 150.6 E DEPTH=136 KM MAGNITUDE= 4.6 KURIL ISLANDS										
GRF	+I Z BE	P	02 24 56.6	0.6	1.21	3	8650	77.8	27.4	334.4
MAR 03 NO DETERMINATION OF EPICENTER										
GRF	E Z JM	PG	14 36 21.0			1				
	E N BE	SG	14 36 58.3			1				
MAR 03 ERL H= 21 26 51.3 LAT = 44.7 N LONG= 18.4 E DEPTH= 32 KM MAGNITUDE= 4.9 YUGOSLAVIA										
MAR 03 BCS H= 21 26 52.0 LAT = 44.5 N LONG= 18.4 E YUGOSLAVIA										
NOS= SEVERAL INJURED. FELT (VII) IN TUZLA AREA.										
FUR	-I Z SL	-	21 28 48.-	1.5	1.78	3	670	6.0	122.5	307.7
	-I Z SL	PG	21 29 03.-	1.5	1.98	4				
	-I Z SL	SN	21 29 32.-	1.1	2.20	9				
	+I Z SL	SG	21 30 05.-	1.8	2.27	8				
	Z SL	MAXIMUM	21 31 00.-	1.8	2.68					
GRF	E Z JM	PN	21 28 35.1			1	780	7.0	132.8	318.1
	E Z JM	-	21 28 39.3			2				
	E Z JM	PG	21 28 45.1			3				
	-I Z JM	-	21 28 49.1			2				
	E Z JM	-	21 29 07.7			2				
	E N BE	SG	21 29 48.8			2				
HOF	+I Z SL	SG	21 30 40.-	1.5	2.39	2	800	7.2	139.3	324.1
	Z SL	MAXIMUM	21 31 25.-	2.0	2.62					
STU	+E Z BE	P	21 28 42.6	1.0	1.97	2	840	7.5	119.3	306.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PN	21 28 48.9				900	8.1	115.8	303.2
BNS	I Z FS	PN	21 29 17.8	0.9	1.85		1090	9.8	125.4	313.7
	E N X	SN	21 31 01.-							
	E N X	SG	21 32 23.-	1.9	2.43					

MAR 04 ERL
H= 01 09 37.0
LAT = 36.6 N
LONG= 23.4 E
DEPTH= 61 KM
MAGNITUDE= 4.4
SOUTHERN GREECE

GRF	+E Z BE	P	01 13 16.9			2	1750	15.8	141.5	329.8

MAR 04 ERL
H= 02 58 28.0
LAT = 21.8 S
LONG= 179.5 W
DEPTH=570 KM
MAGNITUDE= 5.4
FIJI ISLANDS REGION

HOF	+I Z SL	PKHKP	03 17 15.-	1.5	2.56	8	16690	150.1	21.6	345.3
BNS	I Z FS	PKP	03 17 15.5	1.0	2.08		16720	150.4	12.7	351.4
	E Z FS	-	03 17 24.6							
GRF	-I Z BE	PKP1	03 17 17.1	1.0	2.10	5	16780	150.9	20.8	345.6
	+I Z BE	PKP2	03 17 27.7	1.0	2.27	9				
	-E Z BE	PP	03 20 57.7			3				
STU	E Z BE	PKP	03 17 12.2	1.0	1.67	2	16920	152.2	17.6	347.6
FUP	+I Z SL	PKP1	03 17 12.-	2.0	2.03	3	16930	152.3	22.0	344.4
	+I Z SL	PKHKP	03 17 20.-	1.9	2.26	2				
	+I Z SL	PKP2	03 17 34.-	1.7	2.40	9				
	-I Z SL	APKP	03 19 47.-	1.5	1.64	2				
BUH	E Z GT	PKP	03 17 19.8				16950	152.4	15.7	348.9
	I Z GT	PKP	03 17 33.4							

MAR 04 ERL
H= 04 18 44.9
LAT = 14.7 S
LONG= 166.6 E
DEPTH= 32 KM
MAGNITUDE= 5.0
NEW HEBRIDES ISLANDS

HOF	-E Z SL	PKP1	04 38 06.-				15460	139.0	39.0	335.4
GRF	E Z BE	PKP	04 38 08.4			2	15540	139.7	38.6	335.3
	E Z BE	PP	04 42 01.4			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+E Z SL	PKP1	04 38 12.-	1.8	1.83	2	15670	140.9	39.8	333.7

MAR 04
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	07 08 37.0		1	
	E Z JM	PG	07 08 49.1		1	
	E N BE	SG	07 09 33.0		2	

MAR 04
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	11 00 58.0		1	
	E Z BE	PG	11 01 08.6		2	
	E N BE	SG	11 01 51.5		2	

MAR 04 ERL
H= 18 24 11.1
LAT = 38.3 N
LONG= 74.0 E
DEPTH=130 KM
MAGNITUDE= 5.1
TADZHIK-SINKIANG BORDER REGION

GRF	-I Z BE	P	18 32 18.7	1.0	1.80	2	5040	45.3	79.7	305.7
	E Z BE	AP	18 32 51.9			2				
BUH	-E Z GT	P	18 32 34.5				5280	47.5	76.9	304.9

MAR 04 BCS
H= 19 12 22.0
LAT = 71.4 N
LONG= 5.0 W
JAN MAYEN ISLAND REGION

MAR 04 ERL
H= 19 12 24.6
LAT = 71.3 N
LONG= 5.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
JAN MAYEN ISLAND REGION

BNS	-I Z FS	P	19 17 09.3	1.5	2.41		2360	21.2	349.2	158.4
HOF	+I Z SL	P	19 17 24.-	1.5	2.39	9	2500	22.5	345.9	150.9
	-E Z SL	AP	19 17 28.-	2.0	2.50	1				
	-I Z SL	PP	19 17 53.-	1.5	2.34	9				
GRF	+E Z BE	P	19 17 27.7	1.3	2.24	4	2560	23.0	346.8	152.4
KRL	+E Z ST	P	19 17 33.5	1.2		2	2590	23.3	349.2	157.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
BUH	+E Z GT	P	19 17 33.5				2630	23.6	349.4	157.8
STU	E Z BE	P	19 17 35.0	1.7	2.52	2	2630	23.6	348.7	156.1
FUR	-I Z SL	P	19 17 44.-	1.5	2.11	6	2730	24.5	347.5	153.1
	+I Z SL	-	19 17 48.-	2.0	2.81	4				
	-I Z SL	PP	19 18 15.-	1.5	2.00	3				

MAR 04 9CS
H= 20 10 54.0
LAT = 46.0 N
LONG= 7.5 E
SWITZERLAND

BUH	E Z GT	PN	20 11 36.5				300	2.7	190.8	10.2
GRF	E Z BE	PG	20 12 17.3			1	500	4.5	215.5	32.8
	E N BE	SG	20 13 17.5			2				

MAR 05 ERL
H= 03 03 37.0
LAT = 51.3 N
LONG= 170.9 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
FOX ISLANDS, ALEUTIAN ISLANDS

GRF	E Z BE	P	03 15 42.0	0.8	1.85	3	8820	79.4	1.4	358.6
STU	E Z BE	P	03 15 46.6	1.0	1.89	2	8930	80.3	0.1	359.9
BUH	E Z GT	P	03 15 47.3				8940	80.4	359.5	0.6
FUR	-I Z SL	P	03 15 50.-	1.5	1.64	9	8990	80.9	1.4	358.5

MAR 05 ERL
H= 10 06 49.9
LAT = 33.7 N
LONG= 141.1 E
DEPTH= 42 KM
MAGNITUDE= 4.8
OFF EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	10 19 27.7			2	9550	85.9	39.9	330.0

MAR 05
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	14 57 57.8							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.

MAR 06
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	00 45 22.0			1				

MAR 06 ERL
H= 18 50 18.2
LAT = 50.2 N
LONG= 148.8 E
DEPTH=592 KM
MAGNITUDE= 5.4
SEA OF OKHOTSK

HAM	E Z SX	P	19 00 39.-			7	7900	71.1	26.6	335.4
HOF	-I Z SL	P	19 00 51.-	2.0	2.90	3	8150	73.3	27.3	332.9
BNS	-I Z FS	P	19 00 55.9	1.1	2.41		8240	74.1	24.5	335.9
GRF	-I Z BF	P	19 00 56.8	0.7	2.55	9	8240	74.1	26.8	332.3
	-E Z BE	AP	19 02 58.6			2				
FUR	-I Z SL	P	19 01 04.-	1.5	2.55	9	8390	75.4	26.7	332.1
	-I Z SL	PCP	19 01 14.-	1.9	2.26	4				
	+I Z SL	AP	19 03 09.-	1.9	2.60	7				
STU	-E Z BE	P	19 01 04.2	1.0	2.40	4	8400	75.5	25.5	333.7
BUH	-I Z GT	P	19 01 06.2				8430	75.9	24.9	334.3

MAR 06 ERL
H= 19 02 39.3
LAT = 2.0 S
LONG= 99.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
SOUTHERN SUMATRA

GRF	-E Z BE	P	19 15 40.6			3	10070	90.6	92.3	319.5

MAR 07 ERL
H= 06 19 50.0
LAT = 22.3 N
LONG= 122.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
TAIWAN REGION

GRF	E Z BE	P	06 32 32.0			2	9550	85.9	60.1	322.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 07 NOS										
H= 06 52 13.0										
LAT = 53.7 N										
LONG= 2.2 W										
UNITED KINGDOM										
MAR 07 ERL										
H= 06 52 16.2										
LAT = 53.6 N										
LONG= 1.6 W										
DEPTH= 33 KM (NORMAL)										
UNITED KINGDOM										
NOS= MINOR DAMAGE IN NORTHERN ENGLAND.										
BNS	E Z FS	PN	06 54 08.2				710	6.4	299.1	111.7
	E Z FS	-	06 54 21.2							
	E Z FS	SG	06 55 34.-							
MAR 07 ERL										
H= 07 45 21.9										
LAT = 28.2 S										
LONG= 178.3 W										
DEPTH=192 KM										
MAGNITUDE= 6.2										
KERMADEC ISLANDS REGION										
HOF	-I Z SL	PKP1	08 04 54.-	2.0	3.20	9	17420	156.6	23.2	343.3
	-I Z SL	PKHKP	08 05 05.-	2.0	2.90	3				
	+I Z SL	PKP2	08 05 25.-	2.0	3.38	9				
	-I Z SL	APKP	08 06 23.-	3.0	3.22	3				
	+I Z SL	XPKP	08 06 43.-	2.0	2.65	2				
	-I Z SL	PP	08 09 00.-	3.0	3.36	5				
BNS	+I Z FS	PKP	08 04 53.4	2.1	2.30		17450	156.9	12.5	351.1
	+I Z FS	-	08 05 26.0	2.1	3.08					
	E Z SL	-	08 22 10.-							
	Z SL	-	09 01 20.-	70.0						
GRF	-E Z BE	PKP	08 04 54.8	2.0	2.92	4	17500	157.4	22.4	343.7
	+E Z BE	-	08 05 07.9			6				
	-I Z BE	-	08 05 11.4			2				
	-I Z BE	APKP	08 05 28.3	1.9	3.52	4				
	E Z BE	PP	08 09 01.4			2				
	E Z BE	SKKS	08 14 51.1			1				
KRL	-E Z ST	PKP	08 04 57.3	1.7		4	17640	158.6	16.5	347.7
STU	-E Z BE	PKP	08 04 56.0	1.0	2.40	5	17650	158.7	18.6	346.2
FUR	-I Z SL	PKP1	08 04 56.-	2.0	2.99	2	17650	158.7	24.0	342.0
	-I Z SL	PKP2	08 05 31.-	2.5	2.92	4				
	+I Z SL	APKP	08 06 31.-	1.5	2.60	9				
	-I Z SL	PP	08 09 14.-	2.0	2.77	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	-E Z GT	PKP	08 04 56.9				17680	159.0	16.3	347.8
	E Z GT	PKP	08 05 34.6							
MAR 07										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	10 57 45.5							
MAR 07 ERL										
H= 11 02 17.0										
LAT = 33.5 N										
LONG= 141.1 E										
DEPTH= 41 KM										
MAGNITUDE= 4.2										
OFF EAST COAST OF HONSHU, JAPAN										
GRF	E Z BE	P	11 15 13.0			1	9560	86.0	40.0	330.0
MAR 07										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	12 14 04.0							
MAR 07 ERL										
H= 13 57 10.6										
LAT = 14.6 N										
LONG= 93.8 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
NEAR COAST OF CHIAPAS, MEXICO										
BNS	E Z FS	P	14 09 48.-				9510	85.5	287.6	38.5
	+I Z FS	-	14 09 56.1	1.5	2.15					
GRF	E Z BE	P	14 10 02.6			1	9830	88.4	290.7	38.9
	-E Z BE	-	14 10 10.5			4				
HOF	-E Z SL	-	14 10 43.-				9850	89.6	291.2	38.1
	-I Z SL	-	14 11 16.-	2.0	2.50	9				
MAR 07										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	16 03 04.0							
MAR 08 ERL										
H= 03 45 25.2										
LAT = 3.7 S										
LONG= 131.4 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.9										
WEST NEW GUINEA REGION										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PKP	04 03 51.5			1	12460	112.0	68.5	322.7
	E Z BE	PP	04 04 43.6			2				
FUR	-I Z SL	PP	04 04 46.-	2.0	2.11	9	12510	112.5	69.2	321.2
	-I Z SL	-	04 04 52.-	2.0	2.21	9				
	-I Z SL	-	04 05 07.-	1.8	2.05	5				

MAR 08 ERL
H= 06 15 38.9
LAT = 52.7 N
LONG= 166.2 W
DEPTH= 47 KM
MAGNITUDE= 4.8
FOX ISLANDS, ALEUTIAN ISLANDS

GRF	+E Z BE	P	06 27 33.9	1.0	1.46	2	8670	78.0	358.4	1.7

MAR 08 ERL
H= 06 36 27.2
LAT = 22.5 S
LONG= 171.5 E
DEPTH= 30 KM
MAGNITUDE= 5.0
LOYALTY ISLANDS REGION

FUR	+I Z SL	APKP	06 56 36.-	1.8	1.87	9	16670	149.9	38.5	333.2

MAR 08
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	08 39 48.6			2				
	E N BE	SG	08 40 13.9			1				

MAR 08 ERL
H= 15 22 58.8
LAT = 54.5 N
LONG= 162.6 W
DEPTH= 20 KM
MAGNITUDE= 4.9
ALASKA PENINSULA

GRF	+E Z BE	P	15 34 47.0			2	8460	76.1	356.3	4.2

MAR 08
NO DETERMINATION OF EPICENTER

BUH	+I Z GT	PG	15 41 40.9							

MAR 08
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	16 14 44.-	2.0	1.99	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	16 14 57.-	2.0	2.11	2				

MAR 08 ERL
H= 19 44 12.7
LAT = 33.3 N
LONG= 140.6 E
DEPTH= 67 KM
MAGNITUDE= 4.9
SOUTH OF HONSHU, JAPAN

GRF	+E Z BE	P	19 56 47.1	1.1	1.57	3	9560	85.9	40.5	329.8

MAR 08 ERL
H= 21 49 10.6
LAT = 27.6 N
LONG= 56.7 E
DEPTH= 45 KM
MAGNITUDE= 4.9
SOUTHERN IRAN

GRF	E Z BE	P	21 56 51.1			1	4560	41.0	105.3	315.1
	E Z BE	-	21 56 58.3			2				

MAR 09 ERL
H= 04 49 26.8
LAT = 14.9 S
LONG= 176.4 W
DEPTH=143 KM
MAGNITUDE= 4.9
FIJI ISLANDS REGION

GRF	E Z BE	PKP	05 08 49.5			1	16090	144.7	12.9	351.4
KRL	+E Z ST	PKP	05 08 53.7	3.0		2	16210	145.7	8.4	354.3
BUH	E Z GT	PKP	05 08 52.4				16250	146.1	8.1	354.5
FUR	+I Z SL	PKP1	05 08 55.-	2.0	2.26	2	16260	146.2	13.5	350.7
	-I Z SL	-	05 09 01.-	2.0	2.40	5				
	+I Z SL	-	05 09 19.-	1.9	2.13	2				
	+I Z SL	APKP	05 09 32.-	2.0	2.38	4				
	+I Z SL	-	05 09 40.-	2.0	2.33	7				
	+I Z SL	-	05 09 49.-	2.0	2.29	5				
	-I Z SL	XPKP	05 09 54.-	1.9	2.04	4				

MAR 09 ERL
H= 15 29 31.8
LAT = 52.7 N
LONG= 169.4 W
DEPTH= 50 KM
MAGNITUDE= 4.7
FOX ISLANDS, ALEUTIAN ISLANDS

GRF	E Z BE	P	15 41 27.0			3	8670	78.0	0.4	359.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 10 ERL H= 02 22 40.3 LAT = 33.4 N LONG= 140.8 E DEPTH= 69 KM MAGNITUDE= 4.6 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	02 35 15.6			1	9550	85.9	40.2	329.9
MAR 10 ERL H= 04 56 57.4 LAT = 49.8 N LONG= 78.2 E DEPTH= 0 KM (GEOPHYSICIST) MAGNITUDE= 5.5 EASTERN KAZAKH SSR										
MAR 10 BCS H= 04 57 00.0 LAT = 49.9 N LONG= 78.5 E EASTERN KAZAKH SSR										
BCIS= SEMIPALATINSK AREA, ARTIFICIAL (UPP).										
GRF	+I Z BF	P	05 04 52.4	0.9	1.87	5	4670	42.0	63.2	296.6
FUR	+I Z SL	P	05 04 59.-	1.3	1.98	9	4740	42.6	61.7	294.6
STU	+E Z BF	P	05 05 04.6	1.0	2.10	3	4840	43.6	61.5	296.3
BNS	+E Z FS	P	05 05 05.5	1.1	1.60		4860	43.7	62.6	300.0
	E Z FS	-	05 06 11.-							
	E Z FS	PP	05 06 46.5							
BUH	+I Z GT	P	05 05 09.5				4910	44.2	61.0	296.7
MAR 10 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	08 54 07.3							
MAR 10 ERL H= 10 25 03.4 LAT = 10.8 N LONG= 62.9 W DEPTH=128 KM MAGNITUDE= 5.2 NEAR COAST OF VENEZUELA										
BUH	+E Z GT	P	10 36 00.0				7730	69.5	263.0	42.0
GRF	+E Z BE	P	10 36 12.7	1.0	1.62	1	7960	71.6	265.0	41.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 10 NO DETERMINATION OF EPICENTER										
BUH	+E Z GT	PN	14 19 40.5							
MAR 10 ERL H= 14 36 16.5 LAT = 33.8 N LONG= 72.7 E DEPTH= 45 KM MAGNITUDE= 4.9 WEST PAKISTAN										
GRF	-E Z BE	P	14 44 48.4			3	5250	47.2	85.6	309.0
MAR 10 BCS H= 22 15 34.0 LAT = 49.1 N LONG= 6.8 E FRANCE										
BCIS= COAL BUMP IN THE MINES OF MERLEBACH. FELT AT MERLEBACH										
BUH	E Z GT	PN	22 15 50.4				110	1.0	294.8	113.7
MAR 11 ERL H= 03 50 45.9 LAT = 13.4 N LONG= 90.0 W DEPTH= 85 KM MAGNITUDE= 5.1 NEAR COAST OF GUATEMALA										
BNS	E Z SL	-	04 03 10.-				9370	84.2	284.0	39.1
	E Z SL	-	04 30 27.-							
	Z SL	-	04 37 30.-	20.0						
BUH	-E Z GT	P	04 03 15.5				9500	85.5	284.9	41.1
GRF	+E Z BE	P	04 03 23.5	0.8	1.45	2	9680	87.1	287.1	39.6
	-E Z BE	-	04 03 25.2			4				
HOF	-E Z SL	PCP	04 03 36.-	2.4	2.54	2	9710	87.3	287.6	38.9
	Z SL	QM	04 36 30.-	17.0	3.76					
FUR	Z SL	RM	04 43 00.-	17.0	3.47		9740	87.5	287.2	41.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 11 ERL H= 04 32 27.3 LAT = 22.5 N LONG= 124.0 E DEPTH= 31 KM MAGNITUDE= 4.9 SOUTHEAST OF TAIWAN										
GRF	E Z BE	P	04 45 11.6			2	9640	86.7	58.7	323.1
MAR 11 ERL H= 15 54 58.7 LAT = 15.2 S LONG= 174.9 W DEPTH=252 KM MAGNITUDE= 4.6 TONGA ISLANDS										
GRF	-E Z BE	PKP	16 14 08.4	1.5	2.27	3	16150	145.2	10.4	353.0
MAR 11 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	23 03 49.1							
MAR 13 ERL H= 03 20 06.5 LAT = 41.0 N LONG= 140.0 E DEPTH=173 KM MAGNITUDE= 4.7 HOKKAIDO, JAPAN REGION										
GRF	I Z BE	P	03 31 53.9			2	8790	79.1	36.9	328.9
MAR 14 ERL H= 00 47 13.9 LAT = 33.3 N LONG= 140.9 E DEPTH= 38 KM MAGNITUDE= 5.4 SOUTH OF HONSHU, JAPAN										
GRF	+E Z BE	P	00 59 53.2	1.8	2.32	6	9580	86.1	40.3	329.9
BNS	E Z FS	P	00 59 53.0							
	E Z FS	-	00 59 58.-				9650	86.7	37.4	332.7
FUR	-I Z SL	P	01 00 00.-	1.9	2.26	4				
	+I Z SL	APCP	01 00 10.-	1.9	2.07	3	9700	87.3	40.3	328.9
	+I Z SL	-	01 00 20.-	2.0	2.21	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 14 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	04 09 45.0							
MAR 14 ERL H= 11 07 30.4 LAT = 38.6 N LONG= 141.7 E DEPTH= 64 KM MAGNITUDE= 4.6 NEAR EAST COAST OF HONSHU, JAPAN										
GRF	-E Z BE	P	11 19 45.7	0.6	1.14	4	9100	81.9	37.0	330.1
MAR 14 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	11 34 36.9							
MAR 14 ERL H= 14 05 45.8 LAT = 39.3 N LONG= 29.4 E DEPTH= 33 KM MAGNITUDE= 5.4 TURKEY										
MAR 14 BCS H= 14 05 49.0 LAT = 39.2 N LONG= 29.5 E TURKEY										
NOS= SLIGHT DAMAGE AT SIMAU AND DEMIRCI. FELT AT ISTANBUL. BCIS= FELT AT ISTANBUL, BURSA, BANDIRMA, ESKISEHIR, KUTAHYA, CANAKKALE, IZMIR, MANISA, USAK AND AFYON. RADIUS OF PERCEPTIBILITY ABOUT 200 KM.										
FUR	+I Z SL	P	14 09 30.-	1.9	2.56	8	1760	15.8	117.5	310.1
	-I Z SL	XPP	14 09 52.-	2.0	2.51	2				
	-I Z SL	-	14 09 59.-	2.0	2.58	4				
	-I Z SL	-	14 10 06.-	1.9	2.36	5				
	-I Z SL	-	14 10 36.-	1.8	2.17	4				
	-I Z SL	S	14 12 20.-	1.5	1.78	3				
	-I Z SL	SSS	14 12 46.-	1.7	2.09	2				
	Z SL	RM	14 16 20.-	13.0	4.19					
GRF	E Z BE	P	14 09 39.1			2	1850	16.6	121.9	314.8
	-I Z BE	-	14 09 41.6	1.3	2.42	9				
	E N GT	S	14 14 57.8			4				
STU	1E Z BE	P	14 09 48.1	1.5	2.93	2	1930	17.3	115.7	309.8
BUH	-E Z GT	P	14 09 54.8				1990	17.9	113.8	308.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z GT	P	14 09 56.3							
KRL	+E Z ST	P	14 09 58.4	1.8		4	1990	17.9	115.1	309.8
HAM	E Z SX	P	14 10 13.-			2	2160	19.5	129.0	323.2
BNS	-E Z FS	P	14 10 12.5	1.5	2.23		2170	19.5	118.2	314.1
	-I Z FS	-	14 10 13.-							
	E Z SL	PP	14 10 51.-							
	E Z SL	S	14 13 52.-							
	E Z SL	LR	14 16 56.-	20.0						
	Z SL	-	14 19 10.-	12.0						
HLG	+I Z X	P	14 10 25.0			3	2320	20.9	126.8	322.7
	Z SL	P	14 10 26.-			4				

MAR 14
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	22 35 02.-	1.5	1.30	5
	Z SL	MAXIMUM	22 35 54.-	1.8	1.57	

MAR 14 BCS
H= 23 03 47.0
LAT = 43.7 N
LONG= 13.5 E
CENTRAL ITALY

MAR 14 ERL
H= 23 03 53.1
LAT = 43.5 N
LONG= 12.3 E
DEPTH= 33 KM (NORMAL)
CENTRAL ITALY

BCIS= FELT (V-VI) AT ANCONA (RMP).

FUR	+E Z SL	PN	23 05 09.-	1.5	1.38	2	530	4.7	160.0	341.6
	-I Z SL	PB	23 05 17.-	1.5	1.51	2				
	-I Z SL	SN	23 06 03.-	2.0	1.94	3				
	-I Z SL	SB	23 06 24.-	1.3	1.90	2				
	Z SL	MAXIMUM	23 07 25.-	1.8	2.17					
BUH	E Z GT	PN	23 05 13.0				690	6.2	141.7	325.5
GRF	E Z BE	PG	23 05 18.6			1	690	6.2	164.5	346.1
	E E BE	SG	23 06 22.5			2				

MAR 15
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	00 27 20.-	1.5	1.30	2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	Z SL	MAXIMUM	00 28 45.-	1.5	1.30					

MAR 15 ERL
H= 06 00 32.4
LAT = 30.4 N
LONG= 84.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
TIBET

GRF	-E Z BE	P	06 10 17.0			2	6340	57.0	80.5	312.1
FUR	+E Z SL	P	06 10 20.-	1.5	1.51	3	6360	57.2	79.6	310.3
	-E Z SL	-	06 10 23.-	1.5	1.51	2				
	-E Z SL	-	06 10 34.-	1.5	1.30	5				
BUH	E Z GT	P	06 10 31.3				6570	59.1	77.9	311.4

MAR 15 ERL
H= 11 23 08.7
LAT = 51.6 N
LONG= 176.8 E
DEPTH= 39 KM
MAGNITUDE= 5.4
RAT ISLANDS, ALEUTIAN ISLANDS

BNS	+I Z FS	P	11 35 01.8	1.5	1.78		8610	77.4	6.6	353.3
	E Z FS	-	11 35 17.8							
GRF	+I Z BE	P	11 35 06.5	1.1	2.02	5	8710	78.3	9.1	350.5
STU	+E Z BE	P	11 35 12.0	0.9	1.87	2	8830	79.4	7.8	351.7
BUH	+E Z GT	P	11 35 13.3				8850	79.6	7.2	352.3
FUR	+I Z SL	P	11 35 14.-	1.5	1.96	9	8860	79.8	9.1	350.2
	+I Z SL	PCP	11 35 17.-	1.5	2.02	2				
	-I Z SL	APCP	11 35 27.-	1.9	2.19	3				
	-I Z SL	-	11 35 30.-	2.0	2.40	4				
	-I Z SL	XPCP	11 35 33.-	1.8	2.08	3				
	-I Z SL	-	11 35 38.-	1.5	1.81	3				

MAR 15 ERL
H= 14 58 00.9
LAT = 32.7 S
LONG= 178.8 W
DEPTH= 28 KM
MAGNITUDE= 5.0
SOUTH OF KERMADEC ISLANDS

GRF	E Z BE	PKP	15 18 44.2			1	17960	161.5	27.5	339.1

MAR 15
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS= ROCKBURST, RUHR COAL DISTRICT, NORDRHEIN-WESTFALEN, WEST GERMANY.										
H= 23 38 20, 51 DEG. 30 MIN. N, 07 DEG. 03 MIN. E,										
FELT WITH INTENSITY IV AT ESSEN-SCHONNEBECK.										
BNS	E Z FS	PG	23 38 30.5							
	E N X	SG	23 38 39.0							
	E Z FS	-	23 38 45.-	1.3	1.60					
MAR 16 ERL										
H= 03 35 36.6										
LAT = 38.0 N										
LONG= 23.4 E										
DEPTH=146 KM										
MAGNITUDE= 4.2										
GREECE										
MAR 16 BCS										
H= 03 35 37.0										
LAT = 37.9 N										
LONG= 23.5 E										
DEPTH=130 KM										
SOUTHERN GREECE										
FUR	+I Z SL	P	03 38 46.-	1.3	1.86	9	1500	13.5	134.7	323.0
GRF	+I Z BE	P	03 39 01.5	1.0	2.02	6	1630	14.6	138.7	327.2
BUH	E Z GT	P	03 39 10.1				1710	15.4	128.6	319.1
MAR 16 ERL										
H= 05 09 06.2										
LAT = 15.7 N										
LONG= 121.8 E										
DEPTH= 53 KM										
MAGNITUDE= 5.1										
LUZON, PHILIPPINE ISLANDS										
GRF	E Z BE	P	05 22 13.1			1	10110	90.9	64.4	322.6
	E Z BE	PP	05 25 41.3			1				
FUR	-E Z SL	P	05 22 09.-	1.8	1.78	8	10180	91.5	64.5	321.2
	-I Z SL	AP	05 22 19.-	1.2	1.98	9				
	+I Z SL	XP	05 22 22.-	1.9	1.96	2				
MAR 16 ERL										
H= 05 22 58.7										
LAT = 52.4 N										
LONG= 152.8 E										
DEPTH=435 KM										
MAGNITUDE= 4.5										
NORTHWEST OF KURIL ISLANDS										
GRF	-E Z BE	P	05 33 46.4			3	8140	73.2	23.5	335.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 16										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	15 11 48.1							
MAR 16										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	17 25 27.1							
MAR 16 BCS										
H= 21 31 33.0										
LAT = 37.4 N										
LONG= 2.3 W										
DEPTH= 0 KM										
SPAIN										
MAR 16 ERL										
H= 21 31 33.4										
LAT = 37.4 N										
LONG= 2.2 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
SPAIN										
BCIS= SLIGHT DAMAGE AT ALBOX, FINES AND ALMERIA (TOL).										
FUR	-E Z SL	AP	21 35 06.-	2.0	2.03	2	1630	14.6	227.7	38.4
	-I Z SL	XP	21 35 12.-	1.5	1.56	2				
	-I Z SL	PCP	21 40 10.-	2.6	2.35	2				
	Z SL	MAXIMUM	21 41 10.-	3.0	2.77					
BNS	E Z FS	-	21 39 33.-				1680	15.1	210.1	23.5
	E Z FS	-	21 39 58.-	2.3	2.00					
GRF	E Z BE	P	21 35 15.4			1	1740	15.7	223.5	34.2
	+E Z BE	-	21 35 20.6			4				
	E E BE	S	21 40 04.7			2				
MAR 17 ERL										
H= 00 21 25.8										
LAT = 24.7 S										
LONG= 179.6 W										
DEPTH=407 KM										
MAGNITUDE= 5.6										
SOUTH OF FIJI ISLANDS										
HOF	-E Z SL	PKP1	00 40 28.-	2.0	2.68	9	17000	152.9	23.5	343.7
	-I Z SL	PKHKP	00 40 36.-	2.0	2.62	3				
	-I Z SL	PKP2	00 40 49.-	2.0	2.92	5				
BNS	+E Z FS	PKP	00 40 28.0				17040	153.3	13.8	350.4
	+I Z FS	-	00 40 36.5	1.1	1.95					
	+I Z FS	-	00 40 50.5	2.2	2.36					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z FS	PP	00 44 23.5							
GRF	+E Z BE	PKP	00 40 29.1	1.2	1.67	5	17090	153.7	22.7	344.0
	+I Z BE	-	00 40 37.9	1.0	1.92	6				
	+I Z BE	-	00 40 53.1	1.0	2.42	9				
	-E Z BE	PP	00 44 26.0			3				
KRL	+E Z ST	PKP	00 40 31.6	1.1		2	17230	154.9	17.4	347.5
STU	+E Z BE	PKP	00 40 30.6	1.1	2.16	3	17240	155.0	19.2	346.1
FUR	+I Z SL	PKP1	00 40 31.-	1.6	2.03	9	17240	155.0	24.0	342.5
	+I Z SL	PKHKP	00 40 41.-	2.0	2.24	9				
	+I Z SL	PKP2	00 41 00.-	1.5	2.75	9				
	-I Z SL	-	00 41 36.-	1.5	2.03	5				
	+I Z SL	APKP	00 42 05.-	1.5	1.90	2				
	-I Z SL	XPKP	00 42 44.-	1.3	2.08	3				
	+E Z SL	PP	00 44 34.-	2.0	2.03	2				
BUH	-E Z GT	PKP	00 40 31.2				17270	155.3	17.3	347.5

MAR 17 ERL
H= 04 58 37.6
LAT = 44.7 N
LONG= 6.8 E
DEPTH= 33 KM (NORMAL)
FRANCE

MAR 17 BCS
H= 04 58 38.0
LAT = 44.8 N
LONG= 6.7 E
FRANCE

BUH	E Z GT	PN	04 59 38.6				460	4.1	194.8	13.7
FUR	-E Z SL	PG	05 00 21.-	1.2	1.51	3	520	4.7	223.7	40.4
	Z SL	MAXIMUM	05 01 56.-	1.8	1.65					
GRF	E Z BE	PG	05 00 26.1			1	650	5.8	213.0	29.7
	E N BE	SG	05 01 08.9			1				
	E N BE	SG	05 01 45.0			2				

MAR 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	06 40 19.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAR 17 ERL
H= 07 20 07.6
LAT = 27.0 N
LONG= 127.7 E
DEPTH= 38 KM
MAGNITUDE= 4.9
RYUKYU ISLANDS

GRF	+E Z BE	P	07 32 41.8			4	9460	85.1	53.2	324.3

MAR 17 ERL
H= 07 49 02.3
LAT = 49.0 N
LONG= 156.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
KURIL ISLANDS

BNS	E Z FS	P	08 00 52.5	1.1	1.30		8560	76.9	20.3	340.5
GRF	+I Z BE	P	08 00 54.8	0.9	2.06	4	8580	77.2	22.8	337.5
FUR	+I Z SL	P	08 01 02.-	1.5	1.72	2	8740	78.6	22.7	336.9
	+I Z SL	PCP	08 01 10.-	2.0	2.03	2				
	+I Z SL	XPCP	08 01 24.-	1.8	1.87	5				
BUH	+E Z GT	P	08 01 03.5				8770	78.8	20.8	339.0

MAR 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	07 58 58.5

MAR 17 ERL
H= 09 17 10.5
LAT = 40.1 N
LONG= 69.7 E
DEPTH= 26 KM
MAGNITUDE= 5.2
TADZHIK SSR

NOS= FELT AT TASHKENT AND LENINGAD.

GRF	+E Z BE	P	09 24 58.8			3	4630	41.6	80.3	303.5
	-I Z BE	AP	09 25 06.0			4				
FUR	-I Z SL	P	09 25 01.-	2.0	2.03	3	4650	41.8	78.6	301.2
	+I Z SL	AP	09 25 08.-	2.0	2.08	2				
	+I Z SL	XP	09 25 12.-	1.8	1.87	2				
	+I Z SL	PP	09 26 35.-	2.0	2.03	3				
	+I Z SL	XPP	09 26 54.-	1.8	2.05	3				
BUH	+I Z GT	P	09 25 15.1				4860	43.7	77.4	302.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 17 ERL H= 12 28 41.5 LAT = 53.0 N LONG= 165.6 W DEPTH= 26 KM MAGNITUDE= 5.1 FOX ISLANDS, ALEUTIAN ISLANDS										
BUH	E Z GT	P	12 40 43.3				8740	78.6	356.2	4.1
MAR 17 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	13 17 55.-	1.5	1.60					
MAR 17 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	13 59 50.-	1.8	1.83					
MAR 17 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	P	14 02 23.-	1.3	2.08	9				
MAR 17 NO DETERMINATION OF EPICENTER BNS= EXPLOSION SUPPOSED.										
BNS	E Z FS	PG	14 19 56.5							
	E N X	SG	14 20 03.-							
	E Z FS	-	14 20 13.-							
MAR 18 ERL H= 00 41 48.3 LAT = 46.9 N LONG= 143.7 E DEPTH=405 KM MAGNITUDE= 5.0 SAKHALIN ISLAND										
GRF	-E Z BE	P	00 52 50.0	0.7	1.48	4	8380	75.3	31.5	330.3
	E Z BE	APCP	00 54 19.5	1.0	1.57	2				
BNS	E Z FS	P	00 52 50.-				8400	75.5	29.1	333.3
	E Z FS	-	00 54 19.5							
FUR	+I Z SL	P	00 52 58.-	1.5	1.68	9	8520	76.6	31.3	329.5
	-I Z SL	AP	00 54 28.-	2.0	1.99	2				
BUH	-E Z GT	P	00 52 59.8				8580	77.2	29.5	331.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 18 ERL H= 03 34 06.2 LAT = 19.1 S LONG= 169.3 E DEPTH=241 KM MAGNITUDE= 4.7 NEW HEBRIDES ISLANDS										
GRF	E Z BE	PKP	03 53 15.4	1.0	1.40	1	16100	144.8	37.7	335.2
BNS	E Z FS	PKP	03 53 15.8				16140	145.2	30.5	340.2
FUR	-I Z SL	PKP1	03 53 19.-	1.2	1.92	4	16230	145.9	39.1	333.5
	+E Z SL	-	03 54 04.-	2.0	1.94	4				
BUH	+E Z GT	PKP	03 53 20.9				16320	146.7	33.9	337.0
MAR 18 ERL H= 07 12 53.4 LAT = 33.4 N LONG= 140.8 E DEPTH= 69 KM MAGNITUDE= 4.5 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	07 25 28.0			1	9560	86.0	40.3	329.9
MAR 18 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	13 03 58.4							
MAR 18 BCS H= 15 00 55.0 LAT = 69.0 N LONG= 17.4 W JAN MAYEN ISLAND REGION										
MAR 18 ERL H= 15 00 59.7 LAT = 68.8 N LONG= 17.3 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 ICELAND REGION										
HLG	-E Z SL	P	15 04 51.-			1	2100	18.9	331.6	129.1
	Z SL	-	15 05 13.-			2				
BNS	+I Z FS	P	15 05 46.0	2.2	2.62		2400	21.6	335.9	134.4
	+I Z SL	-	15 05 46.0							
	E Z SL	LR	15 11 00.-	36.0						
	Z SL	-	15 14 20.-	16.0						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
HOF	-E Z SL	P	15 06 06.-	2.0	2.80	4	2610	23.4	333.7 128.0
	-E Z SL	AP	15 06 13.-	2.0	2.50	9			
	+E Z SL	XP	15 06 16.-	2.0	2.20	5			
	-E Z SL	PP	15 06 28.-	2.0	2.20	5			
	E SL	RM	15 17 00.-	15.0	3.64				
KRL	+E Z ST	-	15 06 09.-	2.5		2	2630	23.7	337.0 134.5
GRF	+E Z BE	P	15 06 09.2	1.8	2.71	6	2650	23.8	334.7 129.6
BUH	+E Z GT	P	15 06 10.7				2660	24.0	337.4 135.1
STU	+E Z BE	P	15 06 12.2	1.5	2.33	5	2680	24.1	336.7 133.5
FUR	+I Z SL	P	15 06 23.-	1.5	1.81	9	2810	25.2	336.1 131.1
	-I Z SL	-	15 06 25.-	1.5	2.26	5			
	+I Z SL	AP	15 06 29.-	1.8	2.27	2			
	-I Z SL	XP	15 06 34.-	1.3	2.20	3			
	-I Z SL	-	15 06 44.0	2.0	2.26	3			
	-I Z SL	PP	15 06 58.-	2.0	2.29	9			
	+I Z SL	PPP	15 07 09.-	1.7	1.91	2			
	+I Z SL	-	15 07 24.-	2.0	2.26	3			
	Z SL	RM	15 18 30.-	14.0	3.56				

MAR 18 ERL
H= 23 08 29.2
LAT = 33.5 N
LONG= 141.2 E
DEPTH= 60 KM
MAGNITUDE= 5.0
OFF EAST COAST OF HONSHU, JAPAN

GRF	+E Z BE	P	23 21 06.0	1.1	1.42	2	9570	86.1	39.9 330.1

MAR 18 ERL
H= 23 17 40.9
LAT = 33.5 N
LONG= 141.2 E
DEPTH= 47 KM
MAGNITUDE= 5.9
OFF EAST COAST OF HONSHU, JAPAN

HOF	-I Z SL	P	23 30 14.-	2.0	2.80	4	9480	85.3	40.4 330.
	+I Z SL	PCP	23 30 18.-	2.0	2.50	9			
	+E Z SL	XP	23 30 26.-	2.0	1.98	3			
	-E Z SL	XPCP	23 30 30.-	2.0	2.20	5			
	Z SL	RM	00 17 20.-	13.0	3.51				
GRF	-E Z BE	P	23 30 17.9	1.3	2.67	3	9560	86.0	39.9 330.
	-E Z BE	PP	23 34 08.9			2			
BNS	-E Z FS	P	23 30 20.0	1.0	2.28		9630	86.6	37.0 332.
	E Z FS	-	23 31 25.0						
	E Z FS	-	23 33 38.-						
	E Z SL	LR	00 03 30.-						
	Z SL	-	00 14 20.-	18.0					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
FUR	-I Z SL	P	23 30 23.-	1.5	1.68	3	9690	87.2	39.9 329.1
	+I Z SL	PCP	23 30 25.-	1.7	2.25	4			
	-I Z SL	XP	23 30 37.-	2.0	2.33	2			
	+I Z SL	-	23 30 56.-	2.0	2.33	3			
	-I Z SL	-	23 31 18.-	2.0	2.26	9			
	+I Z SL	PP	23 33 50.-	2.0	2.24	2			
	Z SL	RM	00 13 30.-	15.0	3.50				
STU	-E Z BE	P	23 30 24.6	0.8	2.26	2	9740	87.6	38.4 330.5
BUH	-E Z GT	P	23 30 26.2				9790	88.0	37.7 331.0

MAR 19
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	03 23 13.5						

MAR 19 ERL
H= 04 04 25.7
LAT = 18.2 S
LONG= 178.0 W
DEPTH=593 KM
MAGNITUDE= 4.5
FIJI ISLANDS REGION

GRF	-E Z BE	PKP	04 23 05.8			2	16430	147.8	16.5 348.8
	E Z BE	-	04 23 10.2			2			

MAR 19 ERL
H= 15 57 50.4
LAT = 40.8 N
LONG= 141.9 E
DEPTH= 76 KM
MAGNITUDE= 6.0
NEAR EAST COAST OF HONSHU, JAPAN

HOF	-I Z SL	P	16 09 48.-	1.5	2.69	9	8810	79.2	36.3 330.0
	+E Z SL	PCP	16 09 56.-	1.5	2.09	5			
	+I Z SL	APCP	16 10 18.-	1.5	2.53	5			
	-E Z SL	XPCP	16 10 27.-	2.0	2.28	6			
	-E Z SL	PP	16 12 44.-	2.0	2.20	5			
	Z SL	RM	16 48 30.-	13.0	3.51				
GRF	E Z BE	P	16 09 53.0	1.4	2.72	2	8890	80.0	35.8 330.0
	-I Z BE	PCP	16 10 07.3			9			
	E Z BE	-	16 12 06.1			4			
	E Z BE	PP	16 12 52.5			2			
BNS	-E Z FS	P	16 09 54.7	1.5	2.11		8940	80.4	33.1 332.9
	-E Z SL	-	16 09 55.-						
	E Z SL	PP	16 12 57.-						
	E N X	S	16 19 54.-						
	E Z SL	SS	16 25 50.-						
	E Z SL	LR	16 36 20.-	52.0					
	Z SL	-	16 48 00.-	20.0					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
FUR	-I Z SL	P	16 10 00.-	1.8	2.73	9	9030	81.2	35.6	329.1
	+I Z SL	PCP	16 10 08.-	1.8	2.53	3				
	+I Z SL	AP	16 10 18.-	1.8	2.27	4				
	-I Z SL	APCP	16 10 22.-	1.7	2.37	2				
	-I Z SL	PP	16 13 00.-	1.5	2.15	3				
	+I Z SL	APP	16 13 23.-	1.5	1.86	2				
	-I Z SL	PPP	16 14 58.-	1.8	2.17	2				
	+I Z SL	-	16 15 18.-	1.7	1.97	2				
	Z SL	RM	16 50 00.-	14.0	3.56					
STU	-E Z BE	P	16 09 01.1	1.0	2.31	3	9060	81.5	34.3	330.6
	E E SL	S	16 20 06.1	14.0	3.22	4				
BUH	-I Z GT	P	16 10 03.1				9110	81.9	33.7	331.0

MAR 20 ERL
H= 07 33 49.6
LAT = 6.8 S
LONG= 76.8 W
DEPTH= 64 KM
MAGNITUDE= 6.1
NORTHERN PERU

NOS= 7 KILLED, 50 INJURED AND MAJOR PROPERTY DAMAGE IN JUANJUI AREA.
MAG. 6.9 (PAS), 6.2 (BRK).

BNS	+E Z FS	P	07 46 49.0	1.6	2.40		10170	91.4	261.1	39.0
	+E Z SL	-	07 46 50.-							
	+I Z FS	-	07 46 53.0							
	I Z FS	-	07 47 05.5							
	E Z SL	PP	07 50 22.-							
	E Z SL	S	07 57 45.-							
	E Z SL	SS	08 04 20.-							
	E Z SL	-	08 11 17.-							
	E Z SL	LR	08 17 58.-	48.0						
	Z SL	-	08 22 30.-	24.0						
BUH	+E Z GT	P	07 46 51.0				10200	91.7	261.8	41.3
	E Z GT	P	07 46 54.0							
	E Z GT	P	07 47 06.7							
KRL	+E Z ST	P	07 46 56.-	2.2		2	10220	91.9	262.0	41.0
HLG	-I Z X	P	07 47 00.-				10270	92.3	261.7	35.9
	Z SL	P	07 47 00.-							
STU	AE Z BE	P	07 46 54.1	1.5	2.63	2	10270	92.4	262.5	41.3
FUR	-I Z SL	P	07 47 02.-	1.8	2.76	9	10420	93.7	264.1	42.1
	+I Z SL	PCP	07 47 04.-	2.0	2.91	8				
	+I Z SL	APCP	07 47 10.-	1.8	2.25	2				
	+I Z SL	XPCP	07 47 17.-	2.0	2.51	9				
	+I Z SL	PP	07 50 50.-	2.6	3.05	9				
	Z SL	RM	08 33 00.-	18.0	3.88					
GRF	E Z BE	P	07 47 02.1	2.2	2.93	2	10430	93.8	264.1	40.6
	+E Z BE	-	07 47 04.5			4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
	+E Z BE	-	07 47 17.2			2				
HOF	+I Z SL	P	07 47 05.-	2.6	3.23	8	10490	94.3	264.7	40.3
	+I Z SL	APCP	07 47 18.-	2.6	2.89	4				
	+E Z SL	XPCP	07 47 35.-	2.0	2.41	8				
	+I Z SL	PP	07 50 51.-	4.0	3.39	4				
	-I Z SL	-	07 51 30.-	3.0	2.79	1				
	Z SL	RM	08 24 00.-	27.0	4.51					

MAR 20
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	10 32 08.-	1.5	1.08	3
	-E Z SL	-	10 32 44.-	1.8	1.57	3

MAR 20 ERL
H= 13 11 24.3
LAT = 1.1 S
LONG= 100.3 E
DEPTH= 55 KM
MAGNITUDE= 4.8
SOUTHERN SUMATRA

GRF	E Z BE	P	13 24 21.5			1	10030	90.2	91.4	319.5
	E Z BE	AP	13 24 36.3			1				

MAR 20
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	15 55 44.-	1.8	1.57	5
	-E Z SL	-	15 56 30.-	1.3	1.60	3

MAR 20 ERL
H= 23 31 48.8
LAT = 51.3 N
LONG= 179.2 W
DEPTH= 46 KM
MAGNITUDE= 6.0
ANDREANOF ISLANDS, ALEUTIAN IS.

HLG	+I Z X	P	23 43 24.8	2.0	2.98	5	8310	74.7	4.6	355.7
	+I Z SL	P	23 43 25.1			2				
BNS	+I Z FS	P	23 43 43.3	1.2	2.36		8670	78.0	4.1	355.9
	E Z SL	PP	23 46 40.-							
	E Z SL	LR	00 09 20.-	40.0						
	Z SL	-	00 22 30.-	20.0						
HOF	+I Z SL	P	23 43 44.-	1.5	2.23	7	8710	78.3	7.1	352.8
	-E Z SL	PP	23 46 30.-	4.0	2.75	2				
	N SL	RM	00 26 30.-	18.0	3.71					
GRF	+I Z BE	P	23 43 49.8	0.9	2.59	9	8790	79.0	6.7	353.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
STU	+I Z BE	P	23 43 45.5	1.0	2.41	9	8900	80.1	5.4	354.4
BUH	+I Z GT	P	23 43 55.8				8920	80.2	4.7	355.0
FUR	+I Z SL	P	23 43 58.-	1.5	2.26	9	8950	80.5	6.7	352.9
	-I Z SL	AP	23 44 06.-	1.5	1.88	2				
	+I Z SL	XPCP	23 44 18.-	1.9	1.96	2				
	N SL	RM	00 28 00.-	18.0	3.40					

MAR 20 ERL
H= 23 42 56.8
LAT = 24.6 S
LONG= 179.7 W
DEPTH=516 KM
MAGNITUDE= 5.0
SOUTH OF FIJI ISLANDS

BNS	E Z FS	PKP	00 02 13.3	1.6	1.48		17030	153.2	14.0	350.3
	E Z FS	-	00 04 01.-							
GRF	E Z BE	PKP1	00 01 51.2			2	17080	153.6	22.8	343.9
	E Z BE	PKP	00 02 13.8			4				
	E Z BE	APKP	00 03 53.9			2				
	E Z BE	-	00 04 12.4			4				
FUR	+I Z SL	PKP1	00 01 53.-	2.0	2.03	5	17230	154.9	24.2	342.4
	+E Z SL	PKHKP	00 02 03.-	1.5	1.38	3				
	+I Z SL	PKP2	00 02 20.-	1.5	2.12	9				
	+I Z SL	APKP	00 04 19.-	2.0	2.24	3				
BUH	+E Z GT	PKP	00 01 53.7				17260	155.2	17.5	347.4
	E Z GT	-	00 02 19.7							

MAR 21 ERL
H= 00 57 42.5
LAT = 53.0 N
LONG= 159.7 E
DEPTH= 46 KM
MAGNITUDE= 4.9
NEAR EAST COAST OF KAMCHATKA

GRF	+E Z BE	P	01 09 16.9	0.8	1.58	2	8250	74.2	19.2	339.3
BUH	E Z GT	P	01 09 25.2				8430	75.8	17.3	340.9

MAR 21 ERL
H= 09 47 38.3
LAT = 50.0 N
LONG= 176.2 W
DEPTH= 33 KM
MAGNITUDE= 5.4
ANDREANOF ISLANDS, ALEUTIAN IS.

BNS	+I Z FS	P	09 59 41.5	1.5	1.60		8830	79.4	2.2	357.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	-E Z BE	P	09 59 49.0	1.2	1.94		8950	80.5	4.8	355.1
FUR	+I Z SL	P	09 59 57.-	2.0	2.08	4	9120	82.0	4.8	355.0
	-I Z SL	PCP	10 00 02.-	2.0	2.03	2				
	+E Z SL	AP	10 00 07.-	1.5	1.60	3				
	-E Z SL	APCP	10 00 11.-	1.5	1.45	2				
	+E Z SL	XP	10 00 14.-	1.5	1.38	2				
	+E Z SL	XPCP	10 00 17.-	1.8	1.65	6				

MAR 21
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	10 48 14.-	1.5	1.30	5

MAR 21
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	13 06 58.8

MAR 21
NO DETERMINATION OF EPICENTER

BUH	-E Z GT	PG	14 06 35.6

MAR 21
NO DETERMINATION OF EPICENTER

BUH	+I Z GT	PG	14 24 19.0

MAR 21
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	18 21 55.7	1

MAR 21
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	20 51 41.-	1.8	1.65	1

MAR 21 BCS
H= 23 06 46.0
LAT = 35.7 N
LONG= 15.1 E
MEDITERRANEAN SEA

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

1197.14
1197.02

MAR 21 ERL
H= 23 06 48.5
LAT = 35.8 N
LONG= 14.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
MEDITERRANEAN SEA

FUR	+E Z SL	P	23 09 49.-	1.5	1.30	5	1420	12.8	165.8	348.4
	+I Z SL	-	23 09 53.-	1.5	1.38	6				
	-I Z SL	AP	23 09 55.-	1.2	2.20	3				
	-I Z SL	PP	23 09 57.-	1.5	2.08	6				
	-I Z SL	PPP	23 10 03.-	1.5	2.00	3				
	-I Z SL	-	23 10 11.-	1.5	2.15	4				
	+I Z SL	-	23 10 19.-	1.5	2.03	2				
	-I Z SL	S	23 12 01.-	1.5	1.64	2				
	-I Z SL	SS	23 12 12.-	1.5	1.64	9				
	-E Z SL	SSS	23 12 24.-	2.0	2.15	4				
	+I Z SL	-	23 12 48.-	1.5	1.60	3				
	Z SL	RM	23 17 30.-	13.0	3.29					
BUH	E Z GT	P	23 10 00.5				1550	13.9	156.1	340.8
KRL	-E Z ST	P	23 10 14.1	1.5		2	1580	14.2	157.2	341.8
GRF	E Z BE	P	23 10 07.4			2	1590	14.3	167.1	349.7
	+E Z BE	-	23 10 11.7			4				
	+E Z BE	-	23 10 15.1			2				
	-I Z BE	-	23 10 17.6			6				
	+E Z BE	-	23 10 27.0			2				
	-E Z BE	-	23 10 36.6			4				
BNS	-I Z FS	P	23 10 37.5	1.3	2.04		1810	16.3	156.4	341.9
	E Z FS	-	23 11 05.3							
HLG	-I Z X	P	23 11 09.-	2.0		2	2130	19.2	161.8	347.1

MAR 22
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	00 10 43.0							

MAR 22 ERL
H= 00 51 51.6
LAT = 40.3 N
LONG= 42.1 E
DEPTH= 34 KM
MAGNITUDE= 4.8
TURKEY

MAR 22 BCS
H= 00 51 55.0
LAT = 40.4 N
LONG= 42.2 E
TURKEY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

BCIS= 4 INJURED, 100 HOUSES DESTROYED AT SARIKAMIS AND THE NEARBY VILLAGES, SLIGHT DAMAGES AT NARMAN IN THE PROVINCE OF ERZURUM (ISK).

FUR	-I Z SL	P	00 57 00.-	2.0	2.08	2	2600	23.4	98.2	300.0
	-I Z SL	AP	00 57 05.-	1.3	1.81	3				
	-E Z SL	XP	00 57 11.-	1.8	1.83	3				
	-I Z SL	-	00 57 46.0	1.8	2.02	3				
	-E Z SL	-	00 57 57.-	2.6	2.39	2				
GRF	E Z BE	P	00 57 00.0			2	2630	23.7	101.6	303.8
BUH	E Z GT	P	00 57 18.4				2830	25.4	96.5	301.6

MAR 22 ERL
H= 02 59 09.0
LAT = 53.0 N
LONG= 159.6 E
DEPTH= 41 KM
MAGNITUDE= 5.2
NEAR EAST COAST OF KAMCHATKA

BNS	I Z FS	P	03 10 41.0	1.6	1.70		8210	73.8	16.9	342.3
GRF	+E Z BE	P	03 10 44.1	1.1	1.98	4	8260	74.3	19.2	339.3
STU	+E Z BE	P	03 10 51.1	1.2	1.88	2	8400	75.6	17.9	340.3
FUR	+I Z SL	P	03 10 53.-	1.9	2.13	9	8420	75.7	19.1	338.8
	-I Z SL	-	03 11 42.-	1.8	1.87	3				
BUH	+I Z GT	P	03 10 52.8				8430	75.8	17.3	340.9

MAR 22 ERL
H= 08 29 30.2
LAT = 21.8 S
LONG= 174.8 W
DEPTH=133 KM
MAGNITUDE= 4.9
TONGA ISLANDS

GRF	E Z BE	PKP	08 49 14.1			1	16880	151.8	12.0	351.7

MAR 22 ERL
H= 08 49 28.8
LAT = 22.2 S
LONG= 174.4 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
TONGA ISLANDS REGION

GRF	+E Z BE	P	09 09 32.3			2	16920	152.2	11.2	352.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 22 BCS H= 10 20 33.0 LAT = 49.2 N LONG= 6.0 E FRANCE										
BCIS= COLLAPSE OR ROCKBURST IN THE IRON MINE OF AUBOUE, DEPARTMENT MEURTHE ET MOSELLE. SEVERE DAMAGES ON THE SURFACE.										
BUH	-E Z GT	PN	10 20 59.7				180	1.6	291.4	109.7
KRL	+E Z ST	-	10 21 07.7	0.8		2	180	1.6	278.8	97.0
BNS	E Z FS	PG	10 21 06.8				210	1.9	204.7	23.7
	E E X	-	10 21 37.-							
	E Z FS	-	10 21 43.-	1.3	2.11					
	Z FS	-	10 22 25.-	2.0	2.36					
GRF	E Z BE	P	10 21 38.6			2	380	3.5	264.3	80.4
	E N GT	S	10 22 21.-			2				
FUR	-E Z SL	PN	10 21 32.-	1.5	1.30	5	410	3.7	288.9	104.9
	+E Z SL	PB	10 21 39.-	1.7	1.67	4				
	-E Z SL	PG	10 21 53.-	1.5	1.45	2				
	-I Z SL	SG	10 22 40.-	1.5	1.56	3				
	Z SL	MAXIMUM	10 23 59.-	1.5	1.78					
MAR 22 ERL H= 10 27 41.9 LAT = 49.1 N LONG= 153.6 E DEPTH=134 KM MAGNITUDE= 6.3 KURIL ISLANDS										
HLG	I Z SL	P	10 39 00.-				8130	73.1	22.8	339.7
	I Z X	P	10 39 00.-	2.0	3.44	6				
HOF	-I Z SL	P	10 39 13.-	2.0	3.92	9	8420	75.7	24.9	335.8
	+I Z SL	PCP	10 39 21.-	2.0	3.57	4				
	+I Z SL	AP	10 39 47.-	4.0	3.55	5				
	+I Z SL	XP	10 40 09.-	4.0	3.66	5				
	+I Z SL	PP	10 42 03.-	2.8	3.32	5				
	+I Z SL	APP	10 42 38.-	2.6	3.37	9				
	-I Z SL	XPP	10 42 53.-	4.0	3.55	7				
	+E Z SL	PPP	10 43 50.-	6.0	3.41	8				
	+I Z SL	-	10 44 19.-	10.0	3.93	8				
	+I Z SL	-	10 45 09.-	8.5	3.03	5				
	-E Z SL	S	10 48 41.-	8.0	3.45	4				
	Z SL	RM	11 20 16.-	14.0	4.42					
BOC	-I Z B4	P	10 39 14.1	2.0	4.11	2	8430	75.8	22.1	339.1
BNS	-I Z FS	P	10 39 16.5	1.6	3.40		8480	76.3	22.0	338.9
	-I Z SL	-	10 39 16.5	15.0						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	I Z FS	-	10 39 23.5							
	I Z FS	-	10 39 38.0							
	I Z SL	AP	10 39 58.-							
	E Z SL	PP	10 42 08.-							
	E Z SL	S	10 48 53.-							
	E Z SL	LR	11 03 30.-	62.0						
	Z SL	-	11 13 30.-	24.0						
GRF	-E Z BE	P	10 39 18.1			9	8500	76.4	24.4	335.9
	+I Z BE	-	10 39 19.3			9				
KRL	-E Z ST	P	10 39 25.8	1.0		3	8650	77.8	22.6	337.4
FUR	-I Z SL	P	10 39 26.-	1.5	2.90	9	8650	77.8	24.3	335.2
	Z SL	RM	11 20 00.-	16.0	4.28					
STU	BE Z BE	P	10 39 25.0	1.6	3.62	4	8650	77.8	23.1	336.8
BUH	-I Z GT	P	10 39 27.1				8690	78.2	22.5	337.3
MAR 22 ERL H= 15 53 30.9 LAT = 21.2 S LONG= 174.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.6 TONGA ISLANDS										
HLG	+ Z SL	PKP	16 13 10.6			4	16350	147.0	3.9	357.6
BNS	E Z FS	PKP	16 13 15.5				16710	150.3	2.9	358.0
	+I Z FS	-	16 13 20.7	1.6	2.08					
HOF	+I Z SL	PKP1	16 13 21.-	2.0	2.80	9	16740	150.5	11.9	351.8
	-I Z SL	PKP2	16 13 39.-	2.0	2.73	2				
	-I Z SL	APKP	16 13 44.-	2.0	2.68	3				
GRF	+E Z BE	PKP	16 13 23.6	1.1	1.90	4	16820	151.2	10.9	352.4
	+E Z BE	-	16 13 38.4			2				
	+E Z BE	-	16 13 53.2			6				
KRL	+E Z ST	PKP	16 13 26.2	2.0		2	16920	152.2	5.6	356.1
BUH	E Z GT	PKP	16 13 17.9				16950	152.5	5.3	356.3
	GT	-	16 13 25.7							
FUR	-I Z SL	PKP1	16 13 20.-	2.0	2.21	5	16980	152.7	11.6	351.7
	-I Z SL	APKP	16 13 28.-	2.0	2.42	8				
	+I Z SL	PKP2	16 13 39.-	2.0	2.26	2				
	-I Z SL	APKP	16 13 50.-	1.5	1.78	5				
	-I Z SL	XPKP	16 13 52.-	2.0	2.43	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 22 BCS H= 16 33 29.0 LAT = 71.1 N LONG= 6.7 W JAN MAYEN ISLAND REGION										
MAR 22 ERL H= 16 33 32.4 LAT = 71.0 N LONG= 6.8 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 JAN MAYEN ISLAND REGION										
BCIS= FELT AT JAN MAYEN (BNS).										
BNS	+I Z FS	P	16 38 13.8	1.9	2.30		2360	21.2	347.5	155.2
	+I Z SL	-	16 38 14.-	14.0						
	E Z SL	LR	16 43 20.-	34.0						
	Z SL	-	16 50 00.-	12.0						
HOF	-I Z SL	P	16 38 30.-	1.5	2.39	9	2510	22.5	344.3	147.8
	-E Z SL	-	16 38 34.-	4.0	2.85	1				
	-I Z SL	PP	16 38 52.-	2.0	2.50	9				
	-E Z SL	PPP	16 39 11.-	2.0	2.40	2				
	Z SL	RM	16 50 00.-	13.0	3.91					
GRF	E Z BE	P	16 38 34.3	1.3	2.30	3	2560	23.0	345.2	149.3
KRL	-E Z ST	P	16 38 38.4	1.6		2	2590	23.3	347.6	154.2
	+E E MH	S	16 42 52.4	8.0						
BUH	-E Z GT	P	16 38 40.1				2620	23.6	347.9	154.7
FUR	-I Z SL	P	16 38 52.-	2.0	2.69	9	2730	24.5	346.0	150.1
	+I Z SL	AP	16 38 59.-	2.0	2.33	2				
	-I Z SL	XP	16 39 03.-	2.0	2.21	2				
	-I Z SL	PP	16 39 21.-	2.0	2.51	3				
	+I Z SL	PPP	16 39 37.-	2.0	2.51	3				
	+I Z SL	-	16 39 42.-	2.0	2.66	5				
	+I Z SL	-	16 39 55.-	2.0	2.38	4				
	+I Z SL	PCP	16 42 19.-	2.5	2.52	2				
	-E Z SL	XS	16 43 30.-	10.0	3.37	4				
	-E Z SL	SSS	16 44 16.-	11.0	3.10	2				
	Z SL	RM	16 52 00.-	12.0	3.74					
MAR 23 NO DETERMINATION OF EPICENTER										
BNS= ROCKBURST SUPPOSED.										
BNS	E Z FS	PG	03 49 51.-							
	E E X	SG	03 50 01.-							
	E Z FS		03 50 07.5	1.2	1.70					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 23 ERL H= 07 16 53.3 LAT = 15.4 S LONG= 172.9 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 SAMOA ISLANDS REGION										
BNS	E Z FS	PKP	07 36 27.0	1.5	2.00		16070	144.6	0.2	359.9
GRF	-E Z BE	PKP	07 36 31.2			2	16200	145.7	7.1	355.2
	+E Z BE	-	07 36 36.0			4				
	-E Z BE	-	07 36 42.5			2				
	-I Z BE	-	07 36 50.2			9				
	-I Z BE	-	07 36 52.6			9				
BUH	E Z GT	PKP	07 36 34.5				16330	145.8	2.0	358.8
FUR	+I Z SL	PKP1	07 36 36.-	1.4	1.92	5	16370	147.2	7.5	354.8
	+I Z SL	PKHKP	07 36 37.-	2.0	2.21	2				
	-I Z SL	PKP2	07 36 40.-	1.5	1.75	3				
	-I Z SL	APKP	07 36 48.-	2.0	2.57	5				
	+I Z SL	XPKP	07 36 51.-	2.0	2.43	4				
MAR 23 NO DETERMINATION OF EPICENTER										
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.										
FUR	Z SL	MAXIMUM	11 12 40.-	1.8	2.02					
MAR 23 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	13 15 54.-	1.5	1.51	4				
MAR 23 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	13 44 09.-	1.5	1.55	3				
	-I Z SL	-	13 44 18.-	1.5	1.75	5				
MAR 23 ERL H= 23 09 59.3 LAT = 45.3 S LONG= 166.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 OFF W. COAST OF S. ISLAND, N.Z.										
GRF	E Z BE	PKP	23 30 48.1			1	18090	162.7	84.7	293.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 24 ERL H= 03 38 27.1 LAT = 56.1 N LONG= 157.2 W DEPTH= 69 KM MAGNITUDE= 6.0 ALASKA PENINSULA										
HLG	+I Z SL	P	03 49 27.1			3	7710	69.4	351.1	9.3
BNS	+I Z FS	P	03 49 48.0	1.8	2.80		8060	72.5	350.9	10.3
	I Z FS	-	03 50 13.5							
HOF	+I Z SL	P	03 49 54.-	2.4	3.19	9	8180	73.5	353.6	7.3
	-E Z SL	PCP	03 50 08.-	1.5	2.09	3				
	+I Z SL	XP	03 50 20.-	1.8	2.46	9				
	-I Z SL	APCP	03 50 23.-	2.0	2.80	9				
GRF	+I Z BE	P	03 49 57.7	0.8	2.04	9	8240	74.1	353.3	7.8
KRL	-E Z ST	P	03 50 01.3	1.5		4	8290	74.5	351.7	9.8
STU	+E Z BE	P	03 50 01.8	1.6	1.82	5	8320	74.8	352.1	9.3
BUH	+I Z GT	P	03 50 01.7				8320	74.8	351.6	10.0
FUR	+I Z SL	P	03 50 06.-	1.9	1.98	9	8410	75.6	353.4	8.0
	+I Z SL	PCP	03 50 19.-	1.7	2.42	5				
	+I Z SL	XP	03 50 33.-	2.0	3.81	8				
MAR 24 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	04 17 29.-	1.5	1.45	7				
	-E Z SL	-	04 17 47.-	1.7	1.61	7				
MAR 24 ERL H= 06 07 35.2 LAT = 20.0 S LONG= 177.7 W DEPTH=570 KM (GEOPHYSICIST) MAGNITUDE= 5.0 FIJI ISLANDS REGION										
BNS	-I Z FS	PKP	06 26 19.5	1.0	1.60		16550	148.8	8.8	354.1
	E Z FS	-	06 26 24.5							
GRF	-E Z BE	PKP	06 26 21.8	0.8	1.58	2	16620	149.5	16.6	348.6
	E Z BE	-	06 26 28.8			2				
FUR	+I Z SL	PKP1	06 26 25.-	1.8	1.87	9	16790	151.0	17.5	347.6
	+I Z SL	PKHKP	06 26 36.-	1.3	1.98	2				
	+E Z SL	PKP2	06 26 46.-	1.5	1.38	6				
BUH	E Z GT	PKP	06 26 25.0				16790	151.0	11.5	351.9
	E Z GT	-	06 26 34.6							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 24 ERL H= 08 11 52.8 LAT = 42.9 N LONG= 87.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 NORTHERN SINKIANG PROV., CHINA										
GRF	+E Z BE	P	08 20 54.2	0.8	1.49	3	5670	51.3	66.7	305.7
	E Z BE	-	08 21 01.4			2				
FUR	+I Z SL	XP	08 21 06.-	1.5	1.75	9	5730	51.6	65.6	303.9
MAR 24 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	14 31 33.-	1.5	1.78					
MAR 24 NFB H= 14 45 00.8 LAT = 51.6 N LONG= 9.7 E DEPTH= 0 KM (GEOPHYSICIST) GERMANY NFB= QUARRYBLAST AT ADELEBSEN, SHOTPOINT NO. 6. H= 14 45 00.80, 51 DEG, 36 MIN. 31.8 SEC. N, 9 DEG. 44 MIN. 48 SEC. E, HEIGHT= 350 METERS, CHARGE= 8.5 TONS										
BNS	E Z FS	PN	14 45 30.5				190	1.7	67.2	249.2
	E Z FS	PG	14 45 34.8							
	E E X	-	14 45 58.0							
	E Z FS	-	14 46 04.-	1.2	2.00					
GRF	E Z JM	PN	14 45 38.2			1	240	2.1	334.6	153.4
	+E Z BE	PG	14 45 42.4			2				
	E N GT	SN	14 46 09.4			2				
	E N GT	SG	14 46 13.7			2				
MAR 24 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	14 59 43.2							
FUR	+E Z SL	-	15 01 09.-	1.5	1.45	1				
	Z SL	MAXIMUM	15 02 13.-	1.7	1.72					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAR 24 ERL H= 22 56 24.7 LAT = 53.1 N LONG= 159.7 E DEPTH= 41 KM MAGNITUDE= 5.4 NEAR EAST COAST OF KAMCHATKA										
BNS	E Z FS	P	23 07 57.3				8200	73.8	16.9	342.3
	E Z FS	-	23 08 19.-							
GRF	+E Z BE	P	23 07 59.6	0.6	1.61	1	8250	74.2	19.2	339.3
FUR	-I Z SL	P	23 08 08.-	2.0	2.08	6	8410	75.6	19.1	338.8
	-E Z SL	APCP	23 08 27.-	1.9	1.66	5				
	+I Z SL	XPCP	23 08 33.-	1.9	1.96	9				
	-I Z SL	-	23 09 23.-	2.0	2.03	3				
BUH	E Z GT	P	23 08 08.0				8420	75.8	17.3	340.9
MAR 25 ERL H= 00 56 05.1 LAT = 48.0 N LONG= 153.2 E DEPTH=134 KM MAGNITUDE= 5.8 KURIL ISLANDS										
HOF	+I Z SL	P	01 07 40.-	1.5	2.64	9	8510	76.5	25.6	335.6
BNS	+I Z FS	P	01 07 44.9	1.2	2.34		8580	77.1	22.6	338.7
	I Z FS	-	01 07 51.4							
GRF	+I Z BE	P	01 07 46.4	0.7	2.48	8	8590	77.3	25.1	335.8
	E Z BE	APP	01 11 11.5			1				
FUR	+I Z SL	P	01 07 54.-	1.5	1.51	9	8740	78.6	25.0	335.1
	+I Z SL	PCP	01 08 04.-	1.3	1.60	1				
	-I Z SL	AP	01 08 24.-	1.5	1.64	4				
	-I Z SL	APCP	01 08 39.-	1.8	2.16	3				
	+I Z SL	XPCP	01 08 59.-	1.5	1.78	4				
	-I Z SL	APP	01 11 18.-	1.7	1.77	3				
	+I Z SL	XPP	01 11 27.-	2.0	2.15	2				
	E SL	RM	01 36 00.-	34.0	3.54					
BUH	+I Z GT	P	01 07 55.1							
	E Z GT	P	01 08 33.1				8780	79.0	23.1	337.2
MAR 25 ERL H= 05 26 41.0 LAT = 21.7 S LONG= 174.6 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 TONGA ISLANDS										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	+E Z FS	PKP	05 46 32.3				16770	150.8	3.4	357.7
	E Z FS	-	05 46 47.5							
GRF	E Z BE	PKP	05 46 35.6			2	16870	151.7	11.5	352.0
	E Z BE	-	05 46 42.4			1				
FUR	-I Z SL	APKP	05 46 39.-	1.3	1.85	5	17040	153.2	12.2	351.2
	+I Z SL	PKP2	05 46 51.-	1.8	1.87	3				
MAR 25 ERL H= 05 58 08.2 LAT = 45.3 N LONG= 100.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 MONGOLIA										
GRF	E Z BE	P	06 07 53.8			2	6360	57.2	57.1	309.4
	E Z BE	-	06 07 57.3			3				
MAR 25 BCS H= 06 16 04.0 LAT = 36.5 N LONG= 27.1 E DODECANESE ISLANDS										
MAR 25 ERL H= 06 16 06.6 LAT = 36.6 N LONG= 27.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 DODECANESE ISLANDS										
FUR	+I Z SL	-	06 20 02.-	1.8	1.78	8	1830	16.5	129.2	319.9
	+E Z SL	PP	06 20 13.-	1.5	1.30	3				
	-I Z SL	PPP	06 20 20.-	1.2	1.92	8				
MAR 25 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	09 46 18.3							
MAR 25 ERL H= 12 15 29.6 LAT = 3.5 S LONG= 150.1 E DEPTH= 41 KM MAGNITUDE= 5.5 NEW IRELAND REGION										
MLG	Z SL	-	12 35 49.-			2	13440	120.9	45.5	335.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	-E Z SL	APP	12 36 06.-	5.0	2.94	9	13520	121.6	51.4	329.9
	+E Z SL	-	12 37 18.-	5.0	3.05	2				
	-E Z SL	-	12 38 45.-	5.0	2.94	5				
	Z SL	RM	13 34 30.-	17.0	4.06					
GRF	E Z BE	PKP	12 34 30.0			1	13600	122.3	51.0	329.6
FUR	-I Z SL	PKP1	12 34 28.-	1.5	1.38	3	13710	123.3	51.8	328.2
	+I Z SL	APKP	12 34 37.-	1.5	1.60	2				
	-I Z SL	PP	12 36 11.-	2.0	2.33	3				
	+I Z SL	APP	12 36 21.-	2.0	2.15	4				
	+I Z SL	-	12 38 13.-	2.0	2.33	2				
	Z SL	RM	13 29 00.-	21.0	4.09					
BNS	E Z FS	PKP	12 34 32.5							
	E Z FS	PP	12 36 12.-				13730	123.4	46.2	332.8
	E Z SL	SS	12 53 08.-							
	E Z SL	LR	13 13 52.-	68.0						
	Z SL	-	13 31 00.-	20.0						
BUH	E Z GT	PKP	12 34 29.5				13840	124.5	48.4	330.2

MAR 25 ERL
H= 22 59 40.3
LAT = 43.4 N
LONG= 146.0 E
DEPTH= 43 KM
MAGNITUDE= 5.8
KURIL ISLANDS

HLG	+I Z SL	P	23 11 25.-							
	+I Z X	P	23 11 26.9	1.6	2.64	5 3	8500	76.4	30.0	336.2
HOF	+I Z SL	P	23 11 38.-	2.0	2.93	9	8720	78.5	32.3	332.0
	-I Z SL	PCP	23 11 50.-	2.0	2.73	9				
	+I Z SL	XP	23 11 55.-	2.0	2.98	3				
	+I Z SL	XPCP	23 12 06.-	2.2	2.55	9				
	Z SL	RM	23 51 00.-	20.0	4.21					
GRF	+I Z BE	P	23 11 42.6	1.0	2.62	4	8810	79.2	31.8	332.0
BNS	+I Z FS	P	23 11 43.0	1.0	2.23		8830	79.4	29.2	335.0
	+I Z SL	-	23 11 44.-	11.0						
	E Z FS	-	23 11 56.-							
	E Z SL	S	23 21 36.-							
	E Z SL	SS	23 27 36.-							
	E Z SL	LR	23 37 20.-	50.0						
	Z SL	-	23 50 00.-	20.0						
FUR	+I Z SL	P	23 11 49.-	2.0	2.63	9	8950	80.5	31.6	331.2
	+I Z SL	PCP	23 11 57.-	1.5	2.00	9				
	-I Z SL	AP	23 12 02.-	2.0	2.60	4				
	-I Z SL	XP	23 12 08.-	2.0	3.01	9				
	+I Z SL	XPCP	23 12 14.-	1.5	2.45	3				
	-E Z SL	-	23 18 07.-	12.0	3.44	6				
	+E Z SL	PPS	23 22 58.-	15.0	3.25	2				
	Z SL	RM	23 52 00.-	17.0	4.03					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
STU	+E Z BE	P	23 11 49.7	1.0	2.47	2	8970	80.7	30.3	332.7
KRL	+E Z ST	P	23 11 52.3	1.2		2	8980	80.7	29.8	333.3
BUH	+E Z GT	P	23 11 52.3				9020	81.1	29.7	333.2

MAR 26
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	04 29 15.-							

MAR 27 ERL
H= 05 34 11.3
LAT = 19.3 S
LONG= 177.7 W
DEPTH=576 KM
MAGNITUDE= 4.3
FIJI ISLANDS REGION

GRF	E Z BE	PKP	05 52 55.8			1	16550	148.8	16.5	348.8
	E Z BE	-	05 53 01.8			2				

MAR 27 ERL
H= 08 14 47.7
LAT = 17.8 S
LONG= 13.9 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
SOUTH ATLANTIC RIDGE

GRF	E Z BE	P	08 26 02.0			1	7870	70.8	205.4	17.0

MAR 27 BCS
H= 13 33 34.0
LAT = 32.3 N
LONG= 21.8 E
NEAR COAST OF LIBYA

MAR 27 ERL
H= 13 33 34.2
LAT = 32.3 N
LONG= 21.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
NEAR COAST OF LIBYA

GRF	E Z BE	P	13 38 00.4			1	2120	19.1	151.6	338.6

MAR 27
NO DETERMINATION OF EPICENTER

GRF	-I Z JM	PN	14 18 51.3			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z JM	PG	14 18 58.1			2				
	E E GT	SN	14 19 20.7			2				
	E E GT	SG	14 19 27.5			4				

MAR 28 ERL
H= 04 21 57.3
LAT = 49.7 N
LONG= 78.2 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 5.2
EASTERN KAZAKH SSR

MAR 28 BCS
H= 04 22 00.0
LAT = 49.8 N
LONG= 78.5 E
DEPTH= 0 KM (GEOPHYSICIST)
EASTERN KAZAKH SSR

GRF	E Z BE	P	04 29 52.7	0.8	1.28	2	4670	42.0	63.2	296.7

MAR 28 ERL
H= 13 58 21.9
LAT = 30.7 S
LONG= 179.8 W
DEPTH=337 KM
MAGNITUDE= 5.7
KERMADEC ISLANDS REGION

HOF	-E Z SL	PKP1	14 17 37.-	2.0	2.28	6	17630	158.5	28.5	339.2
	+I Z SL	PKHKP	14 18 16.-	2.0	3.10	4				
BNS	+I Z FS	PKP	14 18 18.6	1.7	2.36		17690	159.1	17.1	347.5
GRF	E Z BE	PKP1	14 17 39.8			2	17710	159.3	27.8	339.4
	+I Z BE	PKP2	14 18 20.8			9				
	E Z BE	-	14 21 59.7			3				
FUR	+I Z SL	PKP1	14 17 41.-	1.8	2.33	3	17860	160.6	30.0	337.2
	-I Z SL	-	14 17 50.-	1.5	1.81	2				
	-E Z SL	PKHKP	14 18 10.-	1.5	1.30	5				
	-I Z SL	PKP2	14 18 16.-	2.5	3.49	9				
	+I Z SL	-	14 18 58.-	2.0	2.51	3				
	-I Z SL	PP	14 22 14.-	2.0	2.33	4				
KRL	+E Z ST	PKP2	14 18 27.2	1.2		3	17870	160.7	21.9	343.4
STU	+E Z BE	PKP	14 17 40.7	1.0	2.10	3	17870	160.7	24.1	341.7
BUH	E Z GT	PKP	14 17 40.6				17910	161.0	21.8	343.4
	+I Z GT	-	14 18 27.6							

MAR 28
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z JM	PN	14 17 27.4			2				
	E Z JM	PG	14 17 30.7			1				
	+I E GT	SN	14 17 46.8			2				
	+I E GT	SB	14 17 48.3			2				
	-I E GT	SG	14 17 50.0			2				

MAR 28 ERL
H= 18 18 27.7
LAT = 24.3 S
LONG= 175.7 W
DEPTH= 44 KM
MAGNITUDE= 5.1
SOUTH OF TONGA ISLANDS

GRF	E Z BE	PKP	18 38 38.3			2	17130	154.0	14.6	349.6

MAR 28
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	18 27 08.0							
	E Z GT	P	18 27 14.9							

MAR 29
NO DETERMINATION OF EPICENTER

BNS	I Z FS	PG	09 12 57.3							
	I E X	SG	09 13 05.4	0.4	2.23					

MAR 29 BCS
H= 11 31 54.0
LAT = 44.4 N
LONG= 9.4 E
NORTHERN ITALY

FUR	-I Z SL	PB	11 33 08.-	1.2	1.87	2	440	4.0	199.7	18.4
	-I Z SL	PG	11 33 25.-	1.5	1.60	2				
	+I Z SL	SN	11 33 49.-	1.5	1.75	3				
	-I Z SL	SB	11 33 58.-	1.5	1.78	3				
	+I Z SL	SG	11 34 06.-	1.5	1.90	2				
	Z SL	MAXIMUM	11 34 33.-	1.5	2.08					
BUH	E Z GT	PN	11 32 56.4				480	4.4	158.9	349.7
GRF	E Z JM	PN	11 33 12.6			1	600	5.4	193.9	12.5
	E E GT	SN	11 34 11.1			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
MAR 29 ERL H= 15 13 20.3 LAT = 4.1 S LONG= 153.6 E DEPTH=215 KM MAGNITUDE= 5.0 NEW IRELAND REGION									
HOF	-I Z SL	PKP1	16 32 04.-	2.0	2.40	8	13770	123.8	48.1 331.4
MAR 30 ERL H= 02 31 47.8 LAT = 23.3 S LONG= 176.8 W DEPTH=125 KM (GEOPHYSICIST) MAGNITUDE= 5.2 SOUTH OF FIJI ISLANDS									
GRF	E Z BE	PKP	02 51 31.6			2	17010	153.0	16.4 348.5
	E Z BE	-	02 51 42.8			2			
FUR	+I Z SL	APKP	02 51 49.-	1.5	1.60	9	17170	154.4	17.4 347.4
MAR 30 NO DETERMINATION OF EPICENTER									
RUH	E Z GT	PN	04 23 09.4						
MAR 30 ERL H= 05 34 54.7 LAT = 25.7 S LONG= 179.4 E DEPTH=532 KM MAGNITUDE= 6.2 SOUTH OF FIJI ISLANDS									
HLG	+I Z SL	PKP	05 53 39.-	6.0		4	16770	150.8	15.9 349.7
BRN	E Z ET	PKP	05 53 43.4			6	16830	151.3	26.7 342.3
HOF	+I Z SL	PKP1	05 53 46.-	2.0	2.98	9	17080	153.6	26.0 341.8
	+I Z SL	-	05 53 51.-	2.0	3.10	8			
	+I Z SL	PKHKP	05 54 00.-	2.0	3.10	9			
	+I Z SL	PKP2	05 54 17.-	2.0	3.38	9			
	+I Z SL	APKP	05 55 50.-	2.3	3.11	4			
	-I Z SL	XPKP	05 56 39.-	3.5	3.39	4			
	+I Z SL	PP	05 57 51.-	4.0	3.39	2			
	+I Z SL	PPP	06 01 33.-	5.0	3.48	4			
	-I Z SL	SKKS	06 08 44.-	5.0	3.33	5			
BNS	+I Z FS	PKP	05 53 46.0	2.0	2.86		17130	154.1	16.2 348.7
	E Z SL	APKP	05 55 42.-						
GRF	+I Z BE	PKP1	05 53 46.8	2.0	2.69	4	17160	154.3	25.3 342.1
	E Z BE	-	05 53 52.5			2			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
	-I Z BE	PKP2	05 54 13.9			4			
	E Z BE	-	05 54 20.0			2			
KRL	+I Z ST	PKP	05 53 49.5	1.8		5	17310	155.7	20.1 345.5
FUR	+I Z SL	PKP1	05 53 49.-	1.6	2.51	9	17310	155.7	26.8 340.4
	+I Z SL	PKHKP	05 54 18.-	1.5	2.20	1			
	+I Z SL	PKP2	05 54 26.-	1.5	2.26	2			
	+I Z SL	-	05 54 34.-	1.8	3.23	9			
	-I Z SL	PP	05 58 06.-	1.5	2.73	5			
	-I Z SL	-	06 10 29.-	5.0	3.53	5			
	+E Z SL	SSP	06 18 11.-	14.0	3.76	7			
STU	+I Z BE	PKP	05 53 49.0	1.0	2.34	5	17320	155.7	21.9 344.1
BUH	+I Z GT	PKP	05 53 48.9				17350	156.0	20.0 345.5
	+I Z GT	PKP	05 53 54.4						
MAR 30 BCS H= 06 41 37.0 LAT = 44.1 N LONG= 17.7 E YUGOSLAVIA									
FUR	Z SL	MAXIMUM	06 45 30.-	2.0	2.03		670	6.0	130.0 314.6
MAR 30 BCS H= 07 42 34.0 LAT = 44.1 N LONG= 17.7 E YUGOSLAVIA BCIS= FELT IN THE REGION OF ZENICA, BOSNIE (LJU).									
FUR	-I Z SL	PB	07 44 28.-	1.4	1.45	1	670	6.0	130.0 314.6
	+I Z SL	SN	07 45 22.-	1.8	1.78	2			
	+I Z SL	SB	07 45 46.-	1.7	1.67	3			
	+I Z SL	SG	07 46 03.-	2.0	2.03	9			
	Z SL	MAXIMUM	07 46 30.-	1.9	2.13				
MAR 30 ERL H= 11 00 20.1 LAT = 29.8 S LONG= 71.4 W DEPTH= 72 KM MAGNITUDE= 5.6 NEAR COAST OF CENTRAL CHILE									
BNS	E Z FS	PP	11 18 45.8	1.8	1.78		11780	105.9	242.3 40.1
FUR	-E Z SL	APKP	11 18 55.-	2.0	1.32	2	11910	107.1	244.4 44.0

MAR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	11 19 55.-	2.0	2.15	4				
	+I Z SL	-	11 20 02.-	2.0	2.31	2				
	+I Z SL	-	11 20 08.-	2.0	2.21	3				
	E SL	QM	12 00 00.-	18.0	3.32					
GRF	E Z BE	PKP	11 18 58.7	1.8	2.32		11970	107.7	244.7	42.5
HOF	+E Z SL	-	11 19 04.-	2.0	2.50	9	12050	108.3	245.4	42.1

MAR 30 ERL
H= 15 58 02.6
LAT = 25.7 S
LONG= 179.4 E
DEPTH=500 KM
MAGNITUDE= 5.0
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	16 17 24.0			1	17170	154.4	25.4	342.0

MAR 30
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	15 54 08.-	1.6	1.23	1				
	Z SL	MAXIMUM	16 57 08.-	2.8	2.29					

MAR 30
NO DETERMINATION OF EPICENTER

FUR	N SL	MAXIMUM	17 16 30.-	17.0	2.85					

MAR 31 ERL
H= 02 58 02.4
LAT = 36.5 N
LONG= 21.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
SOUTHERN GREECE

MAR 31 BCS
H= 02 58 07.0
LAT = 36.5 N
LONG= 21.3 E
SOUTHERN GREECE

FUR	-I Z SL	P	03 01 17.-	1.5	1.60	3	1540	13.8	144.3	331.0
	-I Z SL	PP	03 01 24.-	1.7	2.25	9				
	-I Z SL	-	03 01 48.-	1.5	1.78	2				
	+I Z SL	-	03 02 28.-	1.5	1.60	9				
	-I Z SL	S	03 03 39.-	1.8	1.78	8				
	-I Z SL	SS	03 04 01.-	1.8	1.87	9				
	-I Z SL	-	03 04 33.-	1.5	1.68	6				
	Z SL	QM	03 07 50.-	3.0	2.38					

MAR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	03 01 40.8	1.0	2.02	2	1680	15.1	147.5	334.3
BUH	E Z GT	P	03 01 42.5				1720	15.5	137.3	326.1

MAR 31 ERL
H= 14 06 04.1
LAT = 30.2 N
LONG= 140.2 E
DEPTH=133 KM
MAGNITUDE= 5.2
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	14 18 43.5			1	9840	88.5	42.3	329.7
	E Z BE	-	14 19 51.3			1				
	E Z BE	PP	14 22 11.6			1				
FUR	+I Z SL	P	14 18 48.-	2.0	2.03	9	9970	89.6	42.3	328.6
	-E Z SL	XP	14 19 42.-	1.8	1.65	2				
	+I Z SL	-	14 19 58.-	1.8	1.78	8				
	-I Z SL	PP	14 22 22.-	1.9	1.96	3				

MAR 31 ERL
H= 15 36 53.5
LAT = 55.3 S
LONG= 29.1 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.5
SOUTH SANDWICH ISLANDS REGION

FUR	Z SL	QM	16 39 40.-	16.5	3.44		12070	108.5	203.0	27.2
BNS	E Z SL	PP	15 55 56.-				12240	110.1	201.1	23.5
	E Z SL	SP	16 05 26.-							
	E Z SL	LR	16 29 00.-	43.0						
	Z SL	-	16 40 00.-	18.0						
HLG	Z SL	PKP	15 56 19.-			2	12600	113.3	202.0	22.6

MAR 31 ERL
H= 20 32 00.9
LAT = 36.6 N
LONG= 27.1 E
DEPTH= 18 KM
MAGNITUDE= 4.5
DODECANESE ISLANDS

MAR 31 BCS
H= 20 32 04.0
LAT = 36.5 N
LONG= 27.0 E
DODECANESE ISLANDS

FUR	+I Z SL	AP	20 35 58.-	1.6	1.97	9	1820	16.4	128.9	319.6
	-I Z SL	PP	20 36 07.-	1.5	1.56	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	PPP	20 36 12.-	2.0	2.03	2				
	-I Z SL	-	20 36 32.-	2.0	2.03	2				
	-I Z SL	-	20 37 02.-	2.0	1.94	2				
	Z SL	RM	20 43 45.-	10.0	2.90					
BUH	+E Z GT	P	20 36 18.0				2040	18.3	124.1	317.0

MAR 31
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	22 14 56.0			2				

APR 01 ERL
H= 05 51 48.8
LAT = 43.6 N
LONG= 16.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
YUGOSLAVIA

APR 01 BCS
H= 05 51 52.0
LAT = 43.9 N
LONG= 16.1 E
YUGOSLAVIA

BCIS= FELT AT DRNIS, KNIN AND SIBENIK. MAX. INT. VI (LJU).

FUR	+I Z SL	PN	05 53 14.-	1.5	1.38	6	620	5.6	142.3	325.7
	+I Z SL	PB	05 53 28.-	1.9	1.86	3				
	-I Z SL	-	05 53 31.-	1.5	2.15	6				
	+I Z SL	-	05 53 39.-	1.5	2.05	2				
	+I Z SL	PG	05 53 57.-	1.0	2.31	3				
	-I Z SL	-	05 54 04.-	1.5	1.90	3				
	-I Z SL	SN	05 54 24.-	1.8	1.17	2				
	-I Z SL	SB	05 54 40.-	1.5	1.60	2				
	-I Z SL	SG	05 54 51.-	2.0	2.51	2				
	Z SL	MAXIMUM	05 55 20.-	1.5	2.42					
GRF	E Z BE	PN	05 53 29.1	0.6	1.21	1	770	6.9	149.8	333.3
	E N BE	SN	05 54 42.8							
STU	E Z BE	PN	05 53 30.6	0.5	2.04	2	770	7.0	135.0	319.9
	E E BE	SN	05 54 45.6	0.5	2.47	3				
HOF	+E Z SL	SB	05 55 38.-	2.0	2.50	5	810	7.2	155.7	338.7
	-E Z SL	SG	05 55 51.-	2.0	2.41	4				
BUH	-E Z GT	PN	05 53 36.9				820	7.4	130.2	315.8
KRL	-E Z ST	-	05 55 03.0	0.6		2	830	7.5	132.9	318.4
BNS	E Z FS	PN	05 54 06.5				1050	9.5	137.4	323.9
	E N X	SN	05 55 43.5							
	E Z FS	SG	05 56 41.-	1.8	1.90					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 01 ERL
H= 10 15 31.7
LAT = 50.7 N
LONG= 157.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
KURIL ISLANDS

GRF	E Z BE	P	10 27 17.9			2	8450	76.0	21.2	338.3
FUR	+I Z SL	P	10 27 17.-	2.0	2.03	9	8600	77.4	21.1	337.7
	+I Z SL	PCP	10 27 27.-	2.0	2.03	5				

APR 01
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	10 35 13.4							

APR 01 ERL
H= 11 00 52.4
LAT = 21.4 S
LONG= 176.8 W
DEPTH=216 KM
MAGNITUDE= 5.2
FIJI ISLANDS REGION

BNS	+E Z FS	PKP	11 20 13.5				16720	150.4	7.4	355.0
	I Z FS	-	11 20 18.8	1.2	2.51					
HOF	-I Z SL	PKHKP	11 20 19.-	1.5	2.39	9	16720	150.4	16.4	348.8
GRF	E Z BE	PKP	11 20 15.0	1.2	1.52	2	16800	151.1	15.5	349.3
	E Z BE	-	11 20 21.0			1				
BUH	-I Z GT	PKP	11 20 23.3				16960	152.5	10.1	352.8
FUR	+I Z SL	PKP1	11 20 17.-	1.5	1.60	9	16960	152.5	16.4	348.3
	-I Z SL	PKHKP	11 20 24.-	1.5	1.90	7				
	+I Z SL	PKP2	11 20 35.-	1.4	1.75	5				
	+I Z SL	APKP	11 21 10.-	1.5	1.45	2				

APR 01 ERL
H= 15 42 00.9
LAT = 21.5 S
LONG= 174.2 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
TONGA ISLANDS

GRF	E Z BE	PKP	16 02 01.2			1	16850	151.5	10.6	352.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 01 ERL H= 23 51 23.0 LAT = 49.5 S LONG= 163.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.0 AUCKLAND ISLANDS REGION										
FUR	+I Z SL	PKP1	00 11 21.-	1.9	2.28	4	18000	161.9	104.7	276.2
	-I Z SL	-	00 11 26.-	1.5	1.83	3				
	-I Z SL	APKP	00 11 30.-	3.0	2.55	2				
	+I Z SL	PKP2	00 12 11.-	3.8	2.92	2				
	+E Z SL	PP	00 15 57.-	9.0	3.51	4				
	+E Z SL	PPP	00 19 44.-	7.0	3.26	3				
HOF	-I Z SL	PKP1	00 11 22.-	4.0	2.95	4	18000	161.9	98.5	283.2
	-E Z SL	APKP	00 11 31.-	5.0	2.94	9				
	-I Z SL	PKP2	00 12 11.-	2.0	3.05	4				
	+I Z SL	APKP	00 12 20.-	4.0	3.25	5				
	-E Z SL	PP	00 15 55.-	4.0	3.15	4				
	+I Z SL	APP	00 16 06.-	4.0	3.15	9				
	+E Z SL	PPP	00 19 41.-	9.0	3.39	2				
GRF	E Z BE	PKP1	00 11 21.0			1	18040	162.2	100.1	281.0
	E Z BE	PKP2	00 12 11.4			2				
	E Z BE	-	00 14 26.8			2				
	E Z BE	PP	00 15 53.6			1				
	E Z BE	-	00 21 22.0			1				
KRL	+E Z ST	PKP2	00 11 24.0	1.0		3	18230	163.9	101.3	277.5
BUH	-E Z GT	PKP	00 11 23.7				18230	164.0	102.3	276.2
HLG	- Z SL	PKIKP	00 11 26.-			3	18280	164.4	82.5	296.5
	- Z SL	PKP2	00 12 24.-			2				
BNS	E Z FS	PKP	00 11 22.-	3.0	2.08		18340	164.9	93.7	284.4
	E Z FS	-	00 12 23.-							
	E Z FS	PP	00 16 09.-							
APR 02 ERL H= 00 38 59.6 LAT = 49.6 S LONG= 164.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 AUCKLAND ISLANDS REGION										
HOF	-E Z SL	PKP2	00 59 51.-	5.0	2.63	5	18040	162.2	98.3	283.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 02 ERL H= 03 34 27.8 LAT = 36.1 N LONG= 73.6 E DEPTH= 47 KM MAGNITUDE= 5.0 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	03 42 51.8			1	5160	46.4	82.4	307.3
FUR	-E Z SL	P	03 42 53.-	2.0	1.99	5	5180	46.6	81.0	305.2
	+I Z SL	AP	03 43 00.-	1.5	1.30	2				
	-E Z SL	XP	03 43 06.-	3.0	2.28	3				
	+E Z SL	PCP	03 44 26.-	2.0	1.73	3				
	-E Z SL	XPP	03 44 56.-	2.0	1.94	2				
	-I Z SL	-	03 45 05.-	2.0	1.94	4				
	-E Z SL	-	03 45 37.-	2.3	2.18	5				
APR 02 ERL H= 04 49 17.7 LAT = 22.3 S LONG= 171.6 E DEPTH= 53 KM MAGNITUDE= 5.3 LOYALTY ISLANDS REGION										
GRF	E Z BE	PKP	05 09 08.4			1	16530	148.6	36.7	335.2
FUR	+E Z SL	PKP1	05 09 06.-	1.5	1.30	5	16660	149.8	38.3	333.4
	-I Z SL	PKHKP	05 09 11.-	1.5	1.60	2				
	-I Z SL	-	05 09 15.-	1.5	1.78	3				
	-I Z SL	PKP2	05 09 22.-	1.5	1.60	2				
	-I Z SL	APKP	05 09 31.-	2.0	2.08	3				
APR 02 ERL H= 09 01 23.8 LAT = 16.1 S LONG= 173.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.9 TONGA ISLANDS										
BNS	+I Z FS	PKP	09 20 59.5	1.2	2.49		16150	145.2	0.4	359.7
	E Z FS	-	09 22 02.-							
HOF	+I Z SL	PKP1	09 21 01.-	1.5	1.93	9	16200	145.7	8.5	354.4
	+I Z SL	PKP2	09 21 05.-	2.5	3.01	4				
	-I Z SL	APKP	09 21 17.-	3.0	2.91	2				
	+I Z SL	XPKP	09 21 19.-	2.0	2.98	9				
	+E Z SL	PP	09 24 25.-	3.5	2.64	4				
	+E Z SL	APP	09 24 37.-	3.5	2.79	2				
GRF	E Z BE	PKP	09 21 02.4	1.3	3.02	1	16270	146.3	7.5	355.0
KRL	+E Z WH	PKP	09 21 07.0	4.0		5	16370	147.2	2.6	358.2

APR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	APR 1972 AZIMUTH STAT.	AZIMUTH EPIC.
STU	E Z BE	PKP	09 21 04.1	1.2	2.60	2	16390	147.4	4.1	357.2
BUH	E Z GT	PKP	09 21 02.8				16400	147.5	2.3	358.4
	E Z GT	PKP	09 21 06.6							
FUR	-I Z SL	PKP1	09 21 05.-	2.0	2.03	2	16440	147.9	7.9	354.5
	+I Z SL	PKHKP	09 21 08.-	1.5	2.56	9				
	-I Z SL	PKP2	09 21 15.-	1.5	2.20	5				

APR 02
NO DETERMINATION OF EPICENTER

FUR	N SL	MAXIMUM	11 35 20.-	17.0	3.33	

APR 02
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	12 03 39.5							

APR 02 ERL
H= 14 32 30.5
LAT = 15.9 S
LONG= 172.9 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
SAMOA ISLANDS REGION

BNS	E Z FS	PKP	14 52 04.5				16120	145.6	0.1	360.0
GRF	E Z BE	PKP	14 52 09.0	1.6	2.17	1	16250	146.1	7.1	355.2
BUH	E Z GT	PKP	14 52 12.6				16380	147.3	2.0	358.7
FUR	+I Z SL	PKP1	14 52 13.-	2.0	2.08	9	16410	147.6	7.5	354.8
	+I Z SL	PKP2	14 52 19.-	1.5	1.60	9				
	-I Z SL	APKP	14 52 22.-	1.7	2.05	2				
	-I Z SL	XPKP	14 52 33.-	1.2	1.92	4				

APR 02 ERL
H= 15 36 46.7
LAT = 16.2 S
LONG= 172.9 W
DEPTH= 69 KM
MAGNITUDE= 5.4
SAMOA ISLANDS REGION

BNS	-I Z FS	PKP	15 56 18.6	1.2	1.95		16170	145.4	0.1	359.9
HOF	+E Z SL	PKP1	15 56 21.-	1.5	2.29	8	16210	145.8	8.2	354.6
GRF	E Z BE	PKP	15 56 22.4	1.1	2.12	1	16290	146.5	7.1	355.2
BUH	E Z GT	PKP	15 56 25.5				16420	147.6	2.0	358.6

APR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	APR 1972 AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	PKP1	15 56 26.-	1.7	2.09	4	16460	148.0	7.6	354.7
	-I Z SL	PKP2	15 56 38.-	1.7	1.97	3				
	-I Z SL	XPKP	15 56 53.-	1.5	1.86	3				

APR 02
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	21 00 43.8			

APR 02 ERL
H= 21 30 05.4
LAT = 13.3 S
LONG= 166.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
NEW HEBRIDES ISLANDS

HLG	Z SL	PP	21 52 05.-				15100	135.7	31.1	341.8
HOF	+E Z SL	APKP	21 49 36.-	3.0	2.71	9	15290	137.5	38.8	335.6
	+E Z SL	PP	21 52 14.-	7.0	3.26	9				
	+E Z SL	XPP	21 52 23.-	5.0	3.24	9				
	-E Z SL	-	21 52 44.-	6.0	3.19	3				
GRF	E Z BE	PKP2	21 49 21.0			1	15380	138.3	38.3	335.6
BNS	E Z SL	PKP	21 49 32.-				15430	138.7	32.0	339.9
	+I Z FS	PP	21 52 22.0	2.0	1.95					
	E Z SL	LR	22 45 00.-							
	Z SL	-	23 01 00.-	17.0						
FUR	-I Z SL	PKP1	21 49 27.-	2.0	1.15	4	15510	139.4	39.5	334.1
	-I Z SL	-	21 49 33.-	2.0	2.03	2				
	+I Z SL	APKP	21 49 38.-	2.0	2.21	5				
	-I Z SL	PP	21 52 31.-	2.0	2.51	6				
	+I Z SL	APP	21 52 44.-	2.0	2.33	4				
KRL	+E Z ST	PKP	21 49 36.0	1.8		2	15560	139.9	35.0	337.2
BUH	E Z GT	PKP	21 49 27.5				15600	140.3	35.0	337.0

APR 03 ERL
H= 01 29 28.5
LAT = 41.5 N
LONG= 79.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
KIRGIZ-SINKIANG BORDER REGION

GRF	E Z BE	P	01 37 57.8	0.5	0.84	2	5210	46.8	72.8	304.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 03 ERL H= 08 06 06.9 LAT = 28.5 N LONG= 52.6 E DEPTH= 45 KM MAGNITUDE= 4.7 SOUTHERN IRAN										
FUR	-E Z SL	P	08 13 17.-	2.0	1.88	2	4150	37.3	106.5	313.2
	-I Z SL	XP	08 13 27.-	1.5	1.68	4				
GRF	E Z BE	P	08 13 22.7			1	4210	37.8	108.4	315.5
APR 03 ERL H= 09 07 16.0 LAT = 28.1 N LONG= 57.2 E DEPTH= 52 KM MAGNITUDE= 5.0 SOUTHERN IRAN										
FUR	+E Z SL	P	09 14 52.-	2.0	2.26	9	4510	40.6	102.7	312.3
	-I Z SL	AP	09 15 00.-	2.0	2.43	5				
	+I Z SL	XP	09 15 06.-	1.5	1.56	2				
GRF	E Z BE	P	09 14 55.6	0.8	1.85	3	4550	41.0	104.3	314.6
	E Z BE	-	09 15 02.4			1				
	E Z BE	-	09 15 06.0			3				
	E Z BF	PP	09 16 56.0			2				
BUH	E Z GT	P	09 15 07.6				4740	42.7	100.5	312.5
APR 03 ERL H= 09 36 40.7 LAT = 33.5 N LONG= 140.8 E DEPTH= 59 KM MAGNITUDE= 4.9 SOUTH OF HONSHU, JAPAN										
GRF	E Z BF	P	09 49 17.6			1	9550	85.9	40.2	329.9
APR 03 BCS H= 18 52 56.0 LAT = 54.1 N LONG= 35.3 W NORTH ATLANTIC OCEAN										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 03 ERL H= 18 52 59.3 LAT = 54.3 N LONG= 35.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 NORTH ATLANTIC OCEAN										
HLG	Z SL	P	18 58 22.-				2780	25.0	287.6	72.1
	Z SL	PP	18 59 01.-							
	Z SL	S	19 04 16.-							
BNS	+I Z FS	P	18 58 27.0	1.5	2.08		2860	25.7	293.7	79.5
	+I Z SL	-	18 58 29.-	10.0						
	I Z SL	PP	18 59 02.-							
KRL	+E Z ST	P	18 58 44.3	1.2		2	3040	27.3	297.5	82.7
BUH	E Z GT	P	18 58 41.6				3040	27.4	298.0	83.4
GRF	E Z BF	P	18 58 52.0	1.5	2.39	1	3180	28.6	296.9	79.6
HOF	-E Z SL	P	18 58 55.-	3.0	2.71	2	3200	28.7	296.0	78.0
	-E Z SL	-	18 59 29.-	3.0	2.61	2				
	-E Z SL	PPP	18 59 54.-	3.0	2.61	2				
	-E Z SL	XS	19 03 57.-	6.0	3.01	9				
	Z SL	RM	19 12 00.-	13.0	4.12					
FUR	-I Z SL	P	18 59 01.-	1.5	2.08	6	3270	29.4	299.3	82.3
	-I Z SL	AP	18 59 06.-	2.0	2.11	2				
	+I Z SL	XP	18 59 10.-	1.5	1.90	2				
	+I Z SL	PP	18 59 55.-	1.8	2.23	7				
	-I Z SL	-	19 00 14.-	1.5	1.90	3				
	-E Z SL	-	19 00 27.-	4.0	2.78	2				
	-E Z SL	PCP	19 02 14.-	6.0	3.07	2				
	-E Z SL	S	19 03 52.-	6.0	3.20	2				
	Z SL	QM	19 10 40.-	15.0	3.01					
APR 03 ERL H= 20 36 22.2 LAT = 54.3 N LONG= 35.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 NORTH ATLANTIC OCEAN										
APR 03 BCS H= 20 36 23.0 LAT = 54.2 N LONG= 35.4 W NORTH ATLANTIC OCEAN										
HLG	+I Z SL	P	20 41 42.-				2760	24.9	288.0	72.6
	- Z SL	PP	20 42 15.9							
	Z SL	S	20 48 03.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	+E Z FS	P	20 41 50.5	2.0	2.28		2850	25.6	294.2	80.0
	+I Z SL	-	20 41 50.5	7.0						
	I Z SL	PP	20 42 23.-							
	+I Z SL	LR	20 48 10.-	40.0						
	Z SL	-	20 50 20.-	20.0						
KKL	+E Z ST	P	20 42 07.8	2.0		2	3020	27.2	297.9	83.2
BUH	E Z GT	P	20 42 03.1				3030	27.2	298.5	84.0
GRF	E Z BE	P	20 42 15.6	2.0	2.44	1	3170	28.5	297.3	80.1
HOF	-E Z SL	P	20 42 18.-	4.0	2.84	3	3180	28.6	296.4	78.5
	-E Z SL	-	20 43 01.-	2.0	2.40	8				
	+E Z SL	-	20 43 33.-	7.0	3.08	2				
	+E Z SL	-	20 44 26.-	5.5	3.12	9				
	Z SL	RM	20 55 30.-	14.0	4.28					
FUR	-I Z SL	P	20 42 23.-	2.0	1.81	6	3250	29.3	299.8	82.8
	-I Z SL	-	20 42 25.-	4.0	2.96	4				
	+I Z SL	AP	20 42 32.-	4.0	3.03	3				
	+I Z SL	XP	20 42 37.-	2.0	2.33	9				
	+E Z SL	PP	20 43 16.-	1.5	1.78	3				
	+I Z SL	PPP	20 43 33.-	2.0	2.26	4				
	+I Z SL	PCP	20 45 31.-	2.6	2.49	7				
	+I Z SL	APCP	20 45 40.-	2.0	2.21	3				
	+E Z SL	S	20 47 12.-	6.5	3.15	2				
	+E Z SL	XS	20 47 32.-	8.5	3.24	3				
	+I Z SL	SSS	20 49 04.-	4.5	2.97	9				
	Z SL	OM	20 54 00.-	15.0	4.10					

APR 03 ERL
H= 22 19 15.0
LAT = 44.5 N
LONG= 7.1 E
DEPTH= 11 KM
NORTHERN ITALY

APR 03 BCS
H= 22 19 17.0
LAT = 44.4 N
LONG= 7.0 E
NORTHERN ITALY

BUH	E Z GT	P	22 20 20.1				480	4.3	191.4	10.5

APR 04 BCS
H= 08 26 40.0
LAT = 43.7 N
LONG= 13.5 E
CENTRAL ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	PB	08 28 10.-	1.9	1.86	3	530	4.7	160.0	341.6
	-I Z SL	SB	08 29 03.-	1.0	2.15	7				
	-I Z SL	SG	08 29 18.-	1.5	1.45	4				
	Z SL	MAXIMUM	08 30 00.-	1.5	1.60					
BUH	E Z GT	P	08 28 09.8				690	6.2	141.7	325.5
GRF	E Z BE	P	08 28 17.-			1	690	6.2	164.5	346.1

APR 04 ERL
H= 08 53 08.0
LAT = 39.4 N
LONG= 142.9 E
DEPTH= 34 KM
MAGNITUDE= 4.6
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	09 05 24.5			2	9070	81.6	35.8	330.6

APR 04
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	10 57 25.4			1				
	E Z BE	PG	10 57 32.4			1				
	E E GT	SN	10 57 39.4			1				
	E E GT	SG	10 57 48.0			1				

APR 04 ERL
H= 13 02 06.3
LAT = 16.3 S
LONG= 172.7 W
DEPTH= 30 KM (GEOPHYSICIST)
MAGNITUDE= 4.7
SAMOA ISLANDS REGION

GRF	E Z BE	PKP	13 21 46.5	1.2	1.52	2	16290	146.5	6.8	355.4
FUR	+I Z SL	PKP1	13 21 51.-	1.7	1.77	9	16460	148.0	7.2	355.0

APR 04 ERL
H= 18 32 31.7
LAT = 16.1 S
LONG= 172.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
SAMOA ISLANDS REGION

GRF	E Z BE	PKP	18 52 11.0	1.3	1.62	2	16270	146.3	6.7	355.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 04 ERL H= 22 43 06.7 LAT = 7.4 S LONG= 125.6 E DEPTH=377 KM MAGNITUDE= 6.6 BANDA SEA										
HOF	-E Z SL	PKP1	23 00 56.-	1.0	1.97	9	12310	110.7	76.2	321.1
	-I Z SL	-	23 01 29.-	2.0	2.50	9				
	+I Z SL	PP	23 01 42.-	4.0	3.25	9				
	+I Z SL	APP	23 03 07.-	2.0	2.73	9				
	-I Z SL	XPP	23 03 39.-	4.0	3.25	9				
	-E Z SL	SP	23 10 26.-	2.0	2.90	3				
	-I Z SL	-	23 10 36.-	2.0	2.80	9				
	-E Z SL	-	23 11 40.-	6.0	3.12	3				
	-I Z SL	PKKP	23 12 08.-	2.0	2.68	9				
GRF	E Z BE	P	22 57 02.2	1.6	1.87	1	12380	111.3	75.8	320.6
	E Z BE	PKP	23 00 10.4			2				
	+I Z BE	PP	23 00 57.9			4				
	E Z BE	PS	23 10 56.7	2.0	2.54	2				
	E Z BE	PKKP	23 11 54.8	1.3	2.40	2				
	E Z BE	-	23 12 04.8			2				
	E Z BE	SS	23 15 51.3			1				
	E Z BE	X2S	23 19 40.0			1				
	E Z BE	PKPPKP	23 20 20.0			1				
FUR	-I Z SL	P	22 57 02.-	1.5	1.64	9	12410	111.6	76.5	319.0
	-I Z SL	PKP1	23 00 58.-	1.5	2.60	9				
	-I Z SL	PP	23 01 52.-	2.0	2.88	7				
	-I Z SL	APP	23 02 10.-	1.9	2.26	9				
	-I Z SL	-	23 05 23.-	1.8	2.23	3				
	+I Z SL	SP	23 10 32.-	2.0	2.51	6				
	-I Z SL	SKKP	23 11 51.-	2.3	2.77	5				
	-I Z SL	SKKP	23 12 04.-	1.7	2.68	6				
	-I Z SL	SSS	23 20 20.-	1.8	2.38	2				
HLG	Z X	PP	23 04 00.-				12460	112.0	71.3	325.9
KRL	-E Z ST	-	23 01 01.7	0.8		6	12590	113.3	73.8	320.4
BNS	-I Z FS	PKP	23 01 01.3	1.2	2.41		12610	113.4	71.9	322.7
	E Z FS	-	23 01 58.-							
	E Z FS	-	23 03 26.5							
	+I Z FS	-	23 10 54.-							
BUH	E Z GT	P	22 57 11.1				12620	113.5	73.8	320.1
	-I Z GT	PKP	23 01 01.2							
APR 05 ERL H= 00 27 31.4 LAT = 5.2 N LONG= 61.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 CARLSBERG RIDGE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	P	00 37 41.-	2.0	2.31	4	6750	60.7	118.0	323.6
	-I Z SL	XP	00 37 52.-	1.5	1.56	3				
HOF	-I Z SL	P	00 37 46.-	1.5	2.23	7	6830	61.4	119.6	326.0
GRF	E Z BE	P	00 37 46.0			1	6830	61.4	118.7	325.1
APR 05 ERL H= 05 37 02.9 LAT = 42.0 N LONG= 142.3 E DEPTH= 69 KM MAGNITUDE= 5.2 HOKKAIDO, JAPAN REGION										
GRF	+I Z BE	P	05 49 02.7	0.6	1.65	3	8800	79.2	34.9	330.1
FUR	+I Z SL	P	05 49 08.-	1.5	1.68	9	8940	80.4	34.8	329.2
APR 05 ERL H= 07 46 10.9 LAT = 5.1 N LONG= 62.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 CARLSBERG RIDGE										
FUR	+I Z SL	P	07 56 21.-	1.7	1.77	3	6760	60.8	118.0	323.6
	-I Z SL	AP	07 56 29.-	1.5	1.81	2				
	+I Z SL	PCP	07 57 01.-	1.5	1.86	9				
	+I Z SL	APCP	07 57 13.-	2.0	2.21	3				
	-I Z SL	XPCP	07 57 18.-	1.9	2.21	4				
HOF	-I Z SL	PCP	07 57 11.-	2.8	2.37	5	6840	61.5	119.6	326.0
	-I Z SL	APCP	07 57 21.-	2.8	2.37	5				
	-I Z SL	XPCP	07 57 24.-	2.8	2.37	1				
GRF	E Z BE	-	07 57 06.6			1	6850	61.6	118.7	325.1
APR 05 ERL H= 10 01 34.1 LAT = 4.9 N LONG= 62.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 CARLSBERG RIDGE										
FUR	+I Z SL	AP	10 11 50.-	2.0	2.24	4	6790	61.1	117.9	323.6
GRF	E Z BE	P	10 11 54.3			1	6880	61.8	118.5	325.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 05 ERL										
H= 13 19 47.3										
LAT = 42.0 N										
LONG= 84.6 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
NORTHERN SINKIANG PROV., CHINA										
GRF	E	Z BF	P	13 28 39.5	0.6	1.09	1	5540	49.8	69.3 305.5
APR 05										
NO DETERMINATION OF EPICENTER										
GRF	E	Z JM	PN	15 34 54.2			1			
	E	Z JM	PG	15 34 55.7			1			
	E	E BF	SN	15 35 03.6			3			
	E	N BF	SG	15 35 06.2			2			
FUR	+E	Z SL	-	15 35 38.-	2.0	2.21	3			
		E SL	MAXIMUM	15 36 30.-	1.5	2.30				
APR 05 ERL										
H= 22 38 36.9										
LAT = 38.4 N										
LONG= 73.5 E										
DEPTH=118 KM										
MAGNITUDE= 5.0										
TADZHIK-SINKIANG BORDER REGION										
GRF	E	Z BF	P	22 46 42.8			1	5000	45.0	79.9 305.6
APR 06 ERL										
H= 00 38 06.0										
LAT = 48.1 N										
LONG= 154.9 E										
DEPTH= 68 KM										
MAGNITUDE= 4.8										
KURIL ISLANDS										
GRF	E	Z BF	P	00 49 57.4	0.3	1.69	2	8630	77.6	23.9 336.8
	E	Z BE	AP	00 50 27.0			1			
FUR	-I	Z SL	P	00 50 05.-	1.7	1.77	3	8790	79.0	23.8 336.2
	-I	Z SL	XPCP	00 50 35.-	1.5	1.60	5			
	-I	Z SL	-	00 50 55.-	1.3	1.86	5			
APR 06										
NO DETERMINATION OF EPICENTER										
KRL	+I	N ST	P	06 50 18.6	0.5		5			
APR 06										
NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPI
BNS= ROCKBURST, RUHR COAL DISTRICT, NORDRHEIN-WESTFALEN, WEST GERMANY.										
H= 10 02 07, 51 DEG. 33 MIN. N, 06 DEG. 45 MIN. E,										
FELT WITH INTENSITY IV-V AT EPPINGHOVEN NEAR DINSLAKEN.										
BNS	E	E X	SG	10 02 30.-		1.0	2.08			
APR 06										
NO DETERMINATION OF EPICENTER										
FUR	-I	Z SL	-	13 53 51.-	1.7	1.77	3			
	-I	Z SL	-	13 54 05.-	1.5	1.60	3			
APR 06 ERL										
H= 14 36 01.9										
LAT = 5.9 S										
LONG= 154.4 E										
DEPTH=414 KM										
MAGNITUDE= 5.0										
SOLOMON ISLANDS										
FUR	-E	Z SL	PKP1	14 54 21.-	1.8	1.57	1	14170	127.4	48.8 329.6
	+I	Z SL	-	14 54 32.-	1.8	1.72	1			
APR 06 ERL										
H= 15 26 15.3										
LAT = 1.5 S										
LONG= 77.9 W										
DEPTH=176 KM										
MAGNITUDE= 5.2										
ECUADOR										
GRF	E	Z BE	P	15 38 59.8			1	10070	90.5	268.4 40.5
APR 06 ERL										
H= 22 40 42.4										
LAT = 54.8 N										
LONG= 162.8 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.7										
ALASKA PENINSULA										
GRF	E	Z BE	P	22 52 27.5			1	8430	75.8	355.5 4.0
APR 07 ERL										
H= 00 03 08.5										
LAT = 53.3 S										
LONG= 159.0 E										
DEPTH= 33 KM (NORMAL)										
MACQUARIE ISLANDS REGION										
FUR	-I	Z SL	PKP2	00 23 46.-	1.9	1.96	2	17690	159.1	115.4 268.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	-E Z SL	-	00 28 00.-	2.0	2.35	7	17750	159.6	111.2	274.8
	+I Z SL	-	00 28 08.-	3.0	2.71	2				
GRF	E Z BE	PKP	00 23 39.0			1	17760	159.7	112.7	272.7

APR 07 ERL
H= 00 30 55.8
LAT = 5.2 N
LONG= 61.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
CARLSBERG RIDGE

FUR	+I Z SL	P	00 41 07.-	2.0	2.03	1	6750	60.7	118.0	323.6
	-I Z SL	AP	00 41 14.-	1.5	1.81	2				
	+I Z SL	-	00 41 23.-	1.5	1.64	2				
	+I Z SL	-	00 41 34.-	1.5	1.64	3				
	-E Z SL	PCP	00 41 50.-	2.0	2.03	9				
	-I Z SL	PP	00 43 24.-	1.5	1.60	2				
GRF	E Z BE	P	00 41 10.0	0.7	1.00	2	6830	61.4	118.7	325.1
BNS	E Z FS	P	00 41 30.5				7150	64.3	115.5	325.0
	I Z FS	-	00 41 33.0	2.0	1.85					

APR 07 ERL
H= 03 16 22.6
LAT = 60.1 N
LONG= 152.8 W
DEPTH= 98 KM
MAGNITUDE= 5.1
SOUTHERN ALASKA

GRF	-I Z BE	P	03 27 24.1			2	7760	69.8	351.5	11.0
FUR	-I Z SL	P	03 27 34.-	1.9	1.91	2	7930	71.3	351.6	11.2
	+I Z SL	-	03 27 40.-	1.8	1.78	2				
	+E Z SL	PCP	03 27 53.-	1.5	1.30	5				
	+I Z SL	XP	03 28 09.-	1.5	1.60	3				
	-I Z SL	APCP	03 28 18.-	1.9	1.96	2				
	+I Z SL	XPCP	03 28 32.-	1.5	1.56	2				
	+I Z SL	-	03 30 10.-	2.0	1.94	8				
	+I Z SL	PP	03 30 18.-	2.0	1.99	9				

APR 07
NO DETERMINATION OF EPICENTER

BNS= LOWER RHINE REGION, NEAR BERGHEIM, NORDRHEIN-WESTFALEN,
WEST GERMANY. H= 08 05 20, 50 DEG. 58 MIN. N, 06 DEG. 38 MIN. E,
M(LOCAL)= 2.4, FOCAL DEPTH VERY SHALLOW. FELT WITH MAXIMUM INTENSITY
IV-V IN THE REGION OF BERGHEIM. MAXIMUM RADIUS OF PERCEPTIBILITY = 4 KM.

BNS	-E Z FS	PG	08 06 27.5							
	I N X	SG	08 06 33.5	0.8	2.64					
	I E X	-	08 06 34.4	0.8	2.52					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 07 ERL
H= 10 21 10.7
LAT = 15.2 S
LONG= 173.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
TONGA ISLANDS

GRF	E Z BE	PKP	10 40 47.-			1	16170	145.4	8.3	354.5

APR 07
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	+I Z SL	-	12 07 17.-	1.9	1.86	8				
	-I Z SL	-	12 07 21.-	1.8	2.05	2				
	+I Z SL	-	12 07 36.-	1.5	1.60	3				

APR 07
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	14 01 05.2			2				
	E Z JM	PG	14 01 21.1			2				
	E N BE	SG	14 01 48.9			4				

APR 07 ERL
H= 23 18 15.5
LAT = 21.4 S
LONG= 174.1 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
TONGA ISLANDS

GRF	E Z BE	PKP	23 38 15.2			2	15840	151.4	10.5	352.7

APR 08 ERL
H= 04 55 04.9
LAT = 8.1 N
LONG= 38.8 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
CENTRAL MID-ATLANTIC RIDGE

BUH	E Z GT	P	05 04 48.5				6280	56.5	240.3	35.5
BNS	E Z FS	P	05 04 50.-				6350	57.1	238.0	32.8
FUR	+E Z SL	P	05 04 58.-	2.0	1.18	3	6460	58.1	243.5	37.2
	-I Z SL	-	05 05 01.-	1.8	2.47	9				
	-I Z SL	AP	05 05 16.-	3.0	2.85	2				
	-I Z SL	-	05 05 31.-	1.8	2.39	4				
	-I Z SL	PCP	05 05 43.-	1.5	1.75	2				
	-I Z SL	APCP	05 05 54.-	1.8	1.87	5				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	XPCP	05 05 58.-	1.7	1.94	3				
	-I Z SL	PP	05 06 55.-	1.7	1.89	9				
GRF	-E Z BE	P	05 05 01.4			4	6530	58.7	242.6	35.6
	-I Z BE	-	05 05 04.7			6				

APR 08 ERL
H= 05 23 49.1
LAT = 5.1 N
LONG= 62.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
CARLSBERG RIDGE

FUR	+I Z SL	AP	05 34 07.-	1.5	1.45	4	6760	60.8	118.0	323.6
	-E Z SL	-	05 34 24.-	2.0	1.81	6				
GRF	E Z BE	P	05 34 04.5			2	6850	61.6	118.7	325.1

APR 08 ERL
H= 06 24 13.7
LAT = 42.6 N
LONG= 126.3 W
DEPTH= 11 KM
MAGNITUDE= 5.6
OFF COAST OF OREGON

BNS	E Z FS	P	06 36 16.-				8710	78.4	326.9	27.9
HOF	-E Z SL	P	06 36 28.-	1.5	2.09	5	8950	80.5	330.1	25.7
BUH	E Z GT	P	06 36 28.2				8970	80.7	327.8	28.6
GRF	E Z BE	P	06 36 28.9			2	8990	80.8	329.7	26.4
FUR	+E Z SL	P	06 36 36.-	2.0	1.88	7	9130	82.1	329.8	27.1
	+I Z SL	PCP	06 36 39.-	2.0	2.29	3				

APR 08 ERL
H= 09 33 42.1
LAT = 29.6 N
LONG= 101.8 E
DEPTH= 53 KM
MAGNITUDE= 5.3
SZECHWAN PROVINCE, CHINA

GRF	-E Z BE	P	09 44 40.7	1.2	1.94	3	7600	68.4	69.5	315.7
FUR	-I Z SL	P	09 44 45.-	1.8	2.40	9	7660	68.9	69.0	314.1
	-I Z SL	-	09 44 50.-	2.0	2.21	8				
	-I Z SL	-	09 44 54.-	1.5	1.60	5				
	+I Z SL	XPCP	09 45 39.-	1.9	1.91	3				
STU	-E Z BE	P	09 44 50.3	1.0	1.83	2	7780	69.9	67.8	315.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 08
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	11 07 44.7							

APR 09
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	00 27 03.1							
GRF	E Z BE	PG	00 27 09.2			1				
	E N BE	SG	00 27 39.7			2				
FUR	-I Z SL	-	00 27 13.-	1.2	1.87	7				
	Z SL	MAXIMUM	00 28 20.-	1.5	2.26					
GRF	E Z BE	PG	00 27 59.5			2				
	I N BE	SG	00 28 31.2			9				

APR 09 ERL
H= 04 10 50.7
LAT = 42.2 N
LONG= 84.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.9
NORTHERN SINKIANG PROV., CHINA

HOF	+I Z SL	P	04 19 36.-	1.5	2.39	9	5460	49.1	69.9	305.9
	-E Z SL	AP	04 19 43.-	2.0	2.20	2				
	-E Z SL	-	04 32 20.-	2.0	2.40	8				
	Z SL	RM	04 41 27.-	8.0	3.63					
HAM	E Z SX	P	04 19 39.-			7	5470	49.2	71.3	310.4
GRF	+I Z BE	P	04 19 42.4	1.0	2.77	9	5530	49.7	69.0	305.3
HLG	+I Z X	P	04 19 46.-	2.0	3.03	2	5570	50.1	70.5	311.8
FUR	+I Z SL	P	04 19 46.-	1.5	2.26	9	5590	50.3	67.9	303.5
	-I Z SL	AP	04 19 54.-	1.3	2.64	2				
	-I Z SL	XP	04 19 59.-	1.5	2.26	2				
	+I Z SL	-	04 20 18.-	1.5	2.00	2				
	-I Z SL	-	04 20 34.-	1.5	2.02	3				
	-I Z SL	PP	04 21 39.-	1.5	2.02	4				
	+I Z SL	APP	04 21 48.-	1.9	2.16	9				
	-I Z SL	XPP	04 21 52.-	1.5	1.90	9				
	-I Z SL	PPP	04 22 35.-	1.5	1.90	3				
	-I Z SL	-	04 22 43.-	1.5	1.78	2				
	Z SL	RM	04 42 40.-	15.0	3.64					
STU	+I Z BE	P	04 19 53.3	1.0	2.49	4	5710	51.3	67.2	304.9
BNS	+I Z FS	P	04 19 56.0	1.3	2.08		5750	51.7	67.7	308.1
	E Z SL	-	04 31 24.-							
	E Z SL	LR	04 38 56.-							
	Z SL	-	04 41 00.-	14.0						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
KRL	+E Z ST	P	04 19 57.3	1.2		3	5750	51.7	66.9	305.4
BUH	+I Z GT	P	04 19 57.8				5770	51.9	66.6	305.1

APR 09 ERL
H= 08 22 32.7
LAT = 48.0 N
LONG= 155.2 E
DEPTH= 45 KM
MAGNITUDE= 4.7
KURIL ISLANDS

GRF	-I Z BE	P	08 34 27.8	1.1	1.72	4	8650	77.8	23.8	337.0
FUR	-I Z SL	P	08 34 37.-	1.5	1.64	3	8810	79.2	23.8	336.3
	+E Z SL	PCP	08 34 46.-	2.0	1.94	4				

APR 09 ERL
H= 10 43 56.3
LAT = 42.0 N
LONG= 84.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
NORTHERN SINKIANG PROV., CHINA

GRF	E Z BE	P	10 52 49.0			2	5540	49.8	69.2	305.5

APR 09
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	15 51 31.8			1				
	E Z BE	-	15 51 43.9			2				

APR 09 ERL
H= 20 39 40.0
LAT = 18.8 S
LONG= 173.8 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
TONGA ISLANDS

BNS	+I Z FS	PKP	20 59 24.2	1.0	1.48		16450	147.9	1.7	358.9
	E Z FS	-	20 59 42.-							
GRF	+E Z BE	PKP	20 59 27.0	0.9	1.55	4	16560	148.9	9.2	353.7
FUR	-I Z SL	PKHKP	20 59 31.-	1.5	1.68	4	16730	150.4	9.7	353.1
	-I Z SL	PKP2	20 59 37.-	1.5	1.78	3				
	+I Z SL	XPKP	20 59 49.-	1.5	1.45	7				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 10 ERL
H= 00 46 29.1
LAT = 33.8 N
LONG= 142.2 E
DEPTH= 38 KM
MAGNITUDE= 4.9
OFF EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	00 59 09.6			2	9590	86.2	39.1	330.6
	-E Z BE	AP	00 59 20.6			4				

APR 10 ERL
H= 02 06 53.2
LAT = 28.4 N
LONG= 52.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 6.1
SOUTHERN IRAN

APR 10 BCS
H= 02 06 56.0
LAT = 28.5 N
LONG= 52.7 E
SOUTHERN IRAN

NOS= 5054 KILLED AND MANY INJURED. QIR COMPLETELY DESTROYED. DAMAGED REGION EXTENDED OVER 1000 SQ. KM. FELT WIDELY IN SOUTHERN IRAN.
BCIS= 5044 KILLED, 1336 INJURED, 45 VILLAGES TOTALY DESTROYED, 64 VILLAGES DAMAGED, 3174 HOUSES DESTROYED. DESTRUCTION IN THE REGION OF QIR, FELT STRONGLY AT JAHROM, FIRUZABAD FELT ALSO AT FESA, LAR AND SHIRAZ. MPV= 6.3 (BNS)

FUR	+I Z SL	P	02 14 06.-	2.0	3.37	9	4170	37.5	106.4	313.2
	Z SL	RM	02 33 00.-	18.0	5.14					
HOF	+I Z SL	P	02 14 08.-	3.0	3.71	9	4210	37.8	109.7	316.7
	+I Z SL	PP	02 15 37.-	4.0	3.45	2				
	+I Z SL	XPP	02 15 45.-	4.0	3.63	6				
	+E Z SL	S	02 20 01.-	4.0	3.32	3				
	Z SL	RM	02 33 30.-	13.0	5.17					
BRN	I Z ET	P	02 14 09.1			9	4210	37.8	113.7	320.4
	E Z ET	S	02 19 51.-			2				
GRF	+I Z BE	P	02 14 09.7	1.0	2.02	9	4230	38.0	108.3	315.6
	-I Z BE	-	02 14 11.2			9				
	+I Z BE	-	02 14 12.8			9				
	E E GL	S	02 19 55.-			4				
STU	1E Z BE	P	02 14 16.7	1.5	1.91	2	4340	39.0	105.2	313.5
KRL	+I Z WH	P	02 14 22.2	2.2		9	4400	39.6	104.7	313.7
BUH	+E Z GT	P	02 14 21.6				4410	39.6	104.1	313.1
HAM	E Z SX	P	02 14 28.-			8	4450	40.1	111.3	320.8

APR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	+I Z FS	P	02 14 34.0	2.3	3.15		4540	40.9	105.7	316.3
	+I Z SL	-	02 14 34.0	10.0						
	I Z SL	PP	02 16 14.-							
	E E X	S	02 20 42.-							
	E Z SL	LR	02 27 05.-	32.0						
	Z SL	-	02 35 56.-	20.0						
BOO	+I Z BH	P	02 14 35.0	2.0	3.76	2	4550	41.0	106.3	317.1
	-E E BH	S	02 21 45.0	6.0	4.00	2				
BLG	+I Z SL	P	02 14 37.9			9	4610	41.4	110.0	321.1
	-I Z X	P	02 14 39.6			3				

APR 10
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	02 32 43.5			2				

APR 10 ERL
H= 02 34 31.5
LAT = 28.4 N
LONG= 52.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
SOUTHERN IRAN

APR 10 BCS
H= 02 34 42.0
LAT = 28.5 N
LONG= 53.0 E
SOUTHERN IRAN

GRF	+E Z BE	P	02 41 48.8	0.9	1.47	3	4230	38.1	108.2	315.5

APR 10 BCS
H= 03 54 46.0
LAT = 28.3 N
LONG= 53.3 E
SOUTHERN IRAN

GRF	+E Z BE	P	04 02 01.8			3	4270	38.4	107.9	315.5

APR 10 ERL
H= 04 36 15.5
LAT = 28.3 N
LONG= 53.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
SOUTHERN IRAN

GRF	L Z BF	P	04 43 33.7			2	4250	38.2	108.3	315.6

APR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 10 BCS
H= 08 33 48.0
LAT = 28.4 N
LONG= 53.4 E
SOUTHERN IRAN

APR 10 ERL
H= 08 33 51.8
LAT = 28.3 N
LONG= 53.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
SOUTHERN IRAN

GRF	E Z BE	P	08 41 11.2			3	4270	38.4	107.7	315.4

APR 10 ERL
H= 15 47 35.7
LAT = 16.4 S
LONG= 172.9 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
SAMOA ISLANDS REGION

GRF	E Z BE	PKP	16 07 16.0			2	16300	146.5	7.1	355.2
FUR	-I Z SL	PKP1	16 07 19.-	1.9	1.96	2	16470	148.1	7.6	354.7
	-I Z SL	APKP	16 07 28.-	2.0	2.03	9				
	+I Z SL	XPKP	16 07 39.-	2.0	1.99	3				

APR 10 ERL
H= 20 27 07.5
LAT = 28.4 N
LONG= 52.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
SOUTHERN IRAN

APR 10 BCS
H= 20 27 08.0
LAT = 28.3 N
LONG= 52.9 E
SOUTHERN IRAN

FUR	+I Z SL	P	20 34 22.-	1.9	2.00	3	4180	37.6	106.5	313.2
	+E Z SL	AP	20 34 27.-	1.5	1.63	3				
	-I Z SL	XP	20 34 32.-	1.9	1.96	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 11 ERL H= 02 21 15.7 LAT = 1.0 N LONG= 28.3 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.0 CENTRAL MID-ATLANTIC RIDGE										
BUH	+E Z GT	P	02 30 59.6				6330	57.0	225.2	28.1
KRL	+I Z WH	P	02 31 02.5	2.5		9	6370	57.3	225.2	27.9
STU	AE Z BE	P	02 31 02.1	2.4	3.25	4	6390	57.5	226.2	28.5
FUR	+I Z SL	P	02 31 07.-	1.9	3.28	9	6460	58.1	228.6	30.2
	Z SL	PM	03 02 20.-	13.0	4.31					
BNS	+I Z FS	P	02 31 08.5	2.0	2.76		6460	58.1	223.1	25.6
	+I Z SL	-	02 31 09.-	11.0						
	I Z SL	S	02 39 16.-							
	E Z SL	LR	02 47 56.-	48.0						
	Z SL	-	02 52 20.-	21.0						
BOC	+E Z 04	P	02 31 10.9	3.5	3.90	2	6510	58.5	222.9	25.2
GRF	+E Z BE	P	02 31 14.2	1.6	2.87	4	6570	59.1	227.8	28.8
HOF	+I Z SL	P	02 31 20.-	4.0	2.80	9	6650	59.8	228.2	28.6
	-I Z SL	XP	02 31 32.-	3.0	3.61	4				
	-I Z SL	APP	02 33 38.-	4.0	2.19	3				
	-E Z SL	PPP	02 34 52.-	7.0	3.68	4				
	+E Z SL	S	02 39 21.-	10.0	3.73	9				
	+I Z SL	-	02 39 45.-	10.0	4.28	2				
	Z SL	PM	02 56 30.-	17.0	4.92					
HLG	Z SL	P	02 31 26.-				6760	60.8	222.5	23.4
	Z X	P	02 31 26.-							
DRN	E Z ET	P	02 31 34.4			9	6880	61.8	228.7	27.4
	E Z ET	PP	02 33 50.9			4				
APR 11 BCS H= 11 12 14.0 LAT = 39.2 N LONG= 21.3 E GREECE										
APR 11 ERL H= 11 12 14.0 LAT = 39.3 N LONG= 21.4 E DEPTH= 55 KM MAGNITUDE= 4.3 GREECE										
FUR	-I Z SL	-	11 17 41.-	1.5	1.56	2	1280	11.5	137.4	324.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	Z SL	OM	11 19 40.-	4.8	2.94					
APR 11 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	11 35 28.-							
APR 11 ERL H= 14 14 15.6 LAT = 42.3 N LONG= 142.9 E DEPTH= 60 KM MAGNITUDE= 5.3 HOKKAIDO, JAPAN REGION										
GRF	+E Z BE	P	14 26 14.6	0.7	1.70	5	8790	79.1	34.4	330.4
FUR	-I Z SL	P	14 26 23.-	1.9	2.21	6	8930	80.3	34.3	329.5
	-I Z SL	PCP	14 26 28.-	1.5	1.78	8				
	-I Z SL	AP	14 26 36.-	1.8	2.05	3				
STU	+E Z BE	P	14 26 23.4	0.8	1.74	2	8960	80.6	33.0	331.0
APR 12 ERL H= 10 00 10.1 LAT = 19.3 S LONG= 175.0 W DEPTH=203 KM MAGNITUDE= 5.2 TONGA ISLANDS										
BNS	E Z FS	PKP	10 19 35.0	1.0	1.70		16500	148.4	3.9	357.4
GRF	+E Z BE	PKP	10 19 37.8			3	16600	149.3	11.5	352.1
BUH	E Z GT	PKP	10 19 40.7				16750	150.6	6.2	355.7
FUR	-I Z SL	PKP1	10 19 41.-	1.3	1.11	9	16770	150.8	12.2	351.4
	-I Z SL	PKHKP	10 19 48.-	1.5	1.60	9				
	-I Z SL	PKP2	10 19 52.-	1.5	1.78	2				
	+I Z SL	APKP	10 20 48.-	2.0	2.03	9				
APR 12 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	10 43 46.-	1.5	1.72	9				
	Z SL	MAXIMUM	10 44 35.-	1.5	1.78					
APR 12 NO DETERMINATION OF EPICENTER										
HLG	-I Z X	-	12 50 46.9			3				
	- Z X	-	12 51 04.-			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	- Z X	-	12 51 08.9			2				
	- Z X	-	12 51 16.9			2				

APR 12 ERL
H= 18 37 40.8
LAT = 28.3 N
LONG= 53.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
SOUTHERN IRAN

APR 12 BCS
H= 18 37 55.0
LAT = 28.9 N
LONG= 52.7 E
SOUTHERN IRAN

FUR	-I Z SL	P	18 44 55.-	1.8	2.05	9	4200	37.8	105.3	313.2
	+I Z SL	-	18 45 30.-	2.0	2.03	2				
	-E Z SL	PP	18 46 17.-	2.0	2.03	9				
GRF	+E Z BE	P	18 44 59.4			3	4250	38.3	108.1	315.6

APR 12 ERL
H= 23 07 49.9
LAT = 28.4 N
LONG= 53.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
SOUTHERN IRAN

FUR	+I Z SL	P	23 15 04.-	1.3	2.26	9	4190	37.7	106.3	313.2
	-I Z SL	AP	23 15 10.-	1.5	1.75	2				
	-I Z SL	-	23 15 22.-	1.5	1.68	2				
	-I Z SL	-	23 15 43.-	1.5	1.75	2				
	+I Z SL	PP	23 16 28.-	1.7	1.91	5				
	-I Z SL	PPP	23 16 51.-	1.5	1.60	9				
	-I Z SL	XPCP	23 17 36.-	1.5	1.78	3				
GRF	+E Z BE	P	23 15 07.8			3	4250	38.2	108.1	315.5
BUH	E Z GT	P	23 15 19.9				4420	39.8	104.0	313.1
BNS	E Z FS	P	23 15 32.0	1.4	1.48		4560	41.0	105.6	316.3
HLG	Z SL	P	23 15 36.-				4630	41.6	109.8	321.1

APR 13
NO DETERMINATION OF EPICENTER

HLG	-I Z X	-	12 51 52.-			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 14 ERL
H= 10 54 47.8
LAT = 46.1 N
LONG= 152.2 E
DEPTH= 40 KM (GEOPHYSICIST)
MAGNITUDE= 5.1
KURIL ISLANDS

GRF	+E Z BE	P	11 06 48.2	0.8	1.65		8760	78.8	26.5	335.4
FUR	+I Z SL	P	11 06 55.-	1.5	1.60	9	8910	80.1	26.4	334.6
	+I Z SL	APCP	11 07 07.-	2.0	2.03	9				
	+E Z SL	XPCP	11 07 12.-	2.0	1.81	6				
BUH	E Z GT	P	11 06 57.2				8960	80.5	24.5	336.7

APR 14
NO DETERMINATION OF EPICENTER

HLG	Z X	-	13 35 12.-			1				
	Z X	-	13 35 38.9			2				
	Z X	-	13 35 42.-			2				

APR 14
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	14 12 39.3			1				
	E Z JM	PG	14 12 40.8			4				
	E N BE	SG	14 13 03.8			2				

APR 15 ERL
H= 05 43 37.8
LAT = 43.6 N
LONG= 139.0 E
DEPTH=245 KM
MAGNITUDE= 4.5
EASTERN SEA OF JAPAN

GRF	+E Z BE	P	05 55 03.1			2	8510	76.5	36.2	328.1

APR 15 ERL
H= 07 28 28.9
LAT = 21.5 S
LONG= 170.4 E
DEPTH=159 KM
MAGNITUDE= 5.3
LOYALTY ISLANDS REGION

GRF	+E Z BE	PKP	07 47 55.3			3	16390	147.4	37.9	334.6
	-E Z BE	-	07 47 58.3			2				
	E Z BE	-	07 48 36.4			2				
BUH	E Z GT	PKP	07 48 00.1				16610	149.4	34.0	336.5

APR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 15 ERL H= 22 55 07.0 LAT = 53.1 N LONG= 159.1 E DEPTH= 80 KM (GEOPHYSICIST) MAGNITUDE= 4.5 NEAR EAST COAST OF KAMCHATKA										
GRF	E Z BE	P	23 06 36.4			2	8230	74.0	19.5	339.0
APR 16 ERL H= 00 03 31.7 LAT = 45.5 N LONG= 26.4 E DEPTH=136 KM MAGNITUDE= 4.6 RUMANIA										
APR 16 BCS H= 00 03 33.0 LAT = 45.5 N LONG= 26.5 E DEPTH=130 KM RUMANIA										
FUR	-I Z SL	P	00 06 03.-	1.5	1.78	5	1190	10.7	98.6	289.7
	-I Z SL	-	00 06 14.-	1.6	1.67	4				
	-I Z SL	-	00 06 32.-	2.0	2.03	2				
	+I Z SL	XP	00 06 39.-	2.0	2.03	2				
GRF	+E Z BE	P	00 06 07.7			2	1230	11.1	106.3	297.5
APR 16 ERL H= 00 15 45.6 LAT = 46.5 N LONG= 152.5 E DEPTH= 53 KM MAGNITUDE= 4.5 KURIL ISLANDS										
GRF	+E Z BE	P	00 27 43.1			1	8720	78.4	26.1	335.5
APR 16 ERL H= 01 27 55.7 LAT = 1.8 S LONG= 99.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 SOUTHERN SUMATRA										
GRF	E Z BE	P	01 40 56.4			1	10060	90.5	92.2	319.5

APR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 16 ERL H= 02 46 12.3 LAT = 43.4 N LONG= 146.5 E DEPTH= 54 KM MAGNITUDE= 5.0 KURIL ISLANDS										
GRF	E Z BE	P	02 58 14.9	1.0	1.45	1	8830	79.4	31.5	332.3
	E Z BE	AP	02 58 30.0			2				
APR 16 ERL H= 10 10 03.6 LAT = 47.7 N LONG= 16.1 E DEPTH= 18 KM MAGNITUDE= 4.9 AUSTRIA										
APR 16 BCS H= 10 10 05.0 LAT = 47.7 N LONG= 16.2 E AUSTRIA										
NOS= FELT (VII) SEMMERING AREA AND (VI) IN VIENNA. MLGH= 5.6 (RNS)										
FUR	+E Z SL	PN	10 10 58.-	1.8	3.10	9	370	3.3	95.8	279.4
	Z SL	MAXIMUM	10 13 00.-	1.8	3.45					
GRF	+E Z BE	PN	10 11 02.8			2	420	3.8	119.3	303.0
	-I Z BE	PN	10 11 04.4			9				
	-E Z BE	-	10 11 11.7			9				
	+I Z BE	PG	10 11 14.5			9				
	I Z BE	SG	10 12 03.6			9				
HOF	-I Z SL	PN	10 11 09.-	1.5	2.09	3	420	3.8	131.2	314.4
	-I Z SL	PG	10 11 15.-	1.1	3.04	4				
	-I Z SL	SN	10 12 00.-	1.0	3.58	2				
	Z SL	MAXIMUM	10 12 53.-	7.0	4.75					
RAV	-E E ST	PN	10 11 11.2				490	4.4	88.3	273.1
	-E E ST	SG	10 12 23.3							
STU	+I Z BE	PN	10 11 16.0				530	4.7	100.1	285.3
	+I Z ST	PG	10 11 36.8							
MSS	-E E ST	PN	10 11 16.9				540	4.8	92.7	278.0
	ST	PG	10 12 43.0							
	ST	SG	10 12 43.0							
KRL	+I Z ST	PN	10 11 24.8	1.0		5	590	5.3	101.1	286.9
	+E Z ST	PG	10 11 45.5	0.8		8				
	+E Z ST	SN	10 12 24.-	0.6		9				
	+E Z ST	SG	10 12 58.-	1.0		9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	+I Z GT	PN	10 11 24.2				600	5.4	97.2	283.1
TNS	1I Z SL	PN	10 11 25.0			9	630	5.6	113.4	299.1
	I E SL	SN	10 12 34.0			9				
BNS	+E Z FS	PN	10 11 42.5	1.4	2.35		740	6.7	115.5	302.3
	I Z FS	-	10 11 54.0	0.7	2.38					
	E N X	SG	10 13 31.-	2.0	4.34					
	E E X	-	10 13 43.3	1.5	3.95					
	Z SL	-	10 14 22.-	7.0						
DOC	+E Z B4	PN	10 11 48.5			1	770	6.9	119.6	306.3
	+E E B4	SN	10 12 59.5			1				
	Z B4	MAXIMUM	10 14 05.5	1.5	4.20					
HAM	E Z SX	P	10 12 52.-			2	770	7.0	143.1	327.8
NLG	E Z SL	S	10 14 04.-			1	920	8.3	137.9	324.3

APR 16 ERL
H= 10 20 05.8
LAT = 20.3 S
LONG= 173.5 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
TONGA ISLANDS

GRF	E Z BE	PKP	10 39 57.2			1	16720	150.4	9.0	353.8

APR 16
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	10 22 01.5			1				
	E N BE	SG	10 22 49.1			2				

APR 16
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	10 41 02.6			1				
	E Z JM	PG	10 41 12.4			1				
	E Z JM	PG	10 41 14.0			3				
	E N BE	SN	10 41 45.8			3				
	E N BE	SG	10 42 01.7			6				
BUH	E Z GT	PN	10 41 23.0							

APR 16
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	11 02 29.1			1				
	E Z BE	PG	11 02 40.5			2				
	E N BE	SN	11 03 12.9			2				
	E N BE	SG	11 03 28.4			6				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PN	11 02 49.3							

APR 16 ERL
H= 11 04 44.3
LAT = 47.7 N
LONG= 16.0 E
DEPTH= 19 KM
MAGNITUDE= 4.4
AUSTRIA

APR 16 BCS
H= 11 04 46.0
LAT = 47.8 N
LONG= 16.1 E
AUSTRIA

BCIS= FELT AT WIENERNEUSTADT (AUSTRIA) AND AT BRATISLAVA
(CZECHOSLOVAKIA) MAIN AFTERSHOCK OF THE EVENT OF APR. 16, 10 11 03.6.
MANY OTHER AFTERSHOCKS REGISTRATED AT VIENNA AND SOME OTHER STATIONS.
MLGH= 5.2 (BNS)

FUR	+I Z SL	PN	11 05 36.-	1.8	2.32	9	360	3.2	95.0	279.5
	-I Z SL	PB	11 05 45.-	1.0	2.46	9				
	Z SL	MAXIMUM	11 07 10.-	1.8	3.30					
GRF	E Z JM	PN	11 05 44.4			1	420	3.7	119.9	303.5
	E Z BE	PG	11 05 56.6			9				
	E Z BE	SG	11 06 46.-							
HOF	-I Z SL	PN	11 05 48.-	2.0	2.20	3	420	3.8	131.9	315.0
	+I Z SL	PB	11 05 56.-	1.0	2.27	2				
	-I Z SL	PG	11 06 10.-	1.0	2.45	2				
	-I Z SL	SN	11 06 30.-	1.0	3.02	2				
	-I Z SL	SB	11 06 42.-	1.0	3.24	1				
	Z SL	MAXIMUM	11 07 43.-	3.8	3.70					
RAV	E E ST	PN	11 05 52.5				480	4.3	88.3	273.1
STU	+I Z BE	PN	11 05 56.8	0.6	2.75	9	520	4.7	100.3	285.4
	E Z ST	PG	11 06 17.2							
	ST	SN	11 06 47.8							
MSS	ST	PN	11 05 58.2				530	4.8	92.8	278.0
KRL	+E Z ST	PN	11 06 05.0	0.8		3	590	5.2	101.3	287.0
	+E Z ST	PG	11 06 26.5	0.7		6				
	+I Z ST	SN	11 07 08.5	0.6		8				
	+I Z ST	SG	11 07 40.0	1.0		9				
BUH	+I Z GT	PN	11 06 05.3				590	5.3	97.4	283.2
TNS	1I Z SL	PN	11 06 10.0			9	620	5.6	113.7	299.4
	I E SL	SN	11 07 08.0			9				
BNS	E Z FS	PN	11 06 23.8				740	6.6	115.8	302.5
	-I Z FS	-	11 06 26.3							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	I Z FS	-	11 06 35.3	0.7	2.00					
	E N X	SN	11 07 37.4							
	E N X	SG	11 08 15.3	1.3	3.51					
	E Z FS	-	11 08 22.-	1.1	3.15					
	E E X	-	11 08 27.2	1.3	3.54					
BOC	Z 84	MAXIMUM	11 08 37.0	1.5	3.85		760	6.8	119.9	306.6
HAM	E Z SX	-	11 07 59.-			9	770	6.9	143.5	328.2

APR 16 ERL
H= 12 15 07.5
LAT = 27.9 N
LONG= 142.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
BONIN ISLANDS REGION

GRF	E Z BE	P	12 28 13.4			1	10180	91.5	41.6	330.8

APR 16 ERL
H= 13 53 09.2
LAT = 79.5 N
LONG= 4.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
GREENLAND SEA

BUH	E Z GT	P	13 59 11.6				3440	30.9	358.5	174.7

APR 16
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	13 59 03.5			1				
	E N BE	SG	13 59 51.6			4				

APR 16
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	14 02 40.9			1				
	E Z JM	PG	14 02 52.0			2				
	E N BE	PN	14 03 25.9			4				
	E N BE	SG	14 03 39.3			4				
BUH	E Z GT	PN	14 03 00.3							

APR 16
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	14 10 31.7			2				
	E N BE	SG	14 11 02.0			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 16 ERL
H= 23 44 31.6
LAT = 28.3 N
LONG= 52.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
SOUTHERN IRAN

GRF	E Z BE	P	23 51 48.4			2	4230	38.1	108.5	315.7

APR 17 BCS
H= 01 39 54.0
LAT = 42.7 N
LONG= 17.3 E
ADRIATIC SEA

453.90
466.90

APR 17 ERL
H= 01 39 55.6
LAT = 42.9 N
LONG= 17.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
ADRIATIC SEA

448.93
463.86

FUR	-I Z SL	PN	01 42 38.-	1.5	1.45	1	770	6.9	140.0	324.3
	-I Z SL	PB	01 42 59.-	1.7	2.13	5				
	-I Z SL	PG	01 43 25.-	1.1	2.16	1				
	-I Z SL	SN	01 43 52.-	2.0	2.08	6				
	-I Z SL	SB	01 44 12.-	1.5	1.78	3				
	+I Z SL	SG	01 44 29.-	1.5	1.60	3				
	Z SL	MAXIMUM	01 45 15.-	1.8	2.47					
GRF	E Z BE	P	01 41 53.5			1	910	8.2	146.6	331.0
	E N BE	S	01 43 03.8			1				
HOF	+E Z SL	SG	01 44 39.-	5.0	2.63	5	940	8.5	151.8	335.7
BUH	E Z GT	P	01 41 58.0				970	8.7	129.9	316.4
BNS	E Z FS	-	01 44 32.-				1200	10.8	136.1	323.5
	E Z FS	-	01 45 38.-							

APR 17 ERL
H= 04 04 25.8
LAT = 49.3 N
LONG= 153.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
KURIL ISLANDS

GRF	+E Z BE	P	04 16 11.4	0.5	1.32	3	8460	75.0	24.7	335.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 17 ERL H= 10 35 45.7 LAT = 25.6 N LONG= 95.4 E DEPTH=108 KM MAGNITUDE= 5.0 BURMA-INDIA BORDER REGION										
GRF	-E Z BE	P	10 46 57.1	1.3	1.96	2	7480	67.3	76.9	315.5
STU	E Z BE	P	10 47 06.8	1.0	2.08	3	7650	68.8	75.2	314.9
BUH	+E Z GT	P	10 47 10.1				7720	69.4	74.5	315.0
APR 17 ERL H= 10 49 42.7 LAT = 24.2 N LONG= 122.5 E DEPTH= 35 KM MAGNITUDE= 5.8 TAIWAN REGION										
HAM	+I Z SX	P	11 02 09.-			4	9260	83.3	58.1	326.2
HOF	+I Z SL	P	11 02 11.-	1.5	2.56	3	9330	83.9	58.3	322.9
	-E Z SL	XPCP	11 02 28.-	2.0	2.54	9				
	-I Z SL	-	11 02 53.-	2.0	2.20	5				
	+I Z SL	-	11 02 57.-	2.0	2.50	3				
	Z SL	RM	11 44 10.-	18.0	4.46					
HLG	+I Z SL	P	11 02 10.-			7	9330	83.9	56.6	327.5
GRF	+E Z BE	P	11 02 14.5	2.0	2.83	6	9410	84.6	58.7	322.6
FUR	+I Z SL	P	11 02 17.-	1.5	2.56	9	9490	85.3	58.6	321.2
	-I Z SL	AP	11 02 29.-	1.8	2.45	9				
	-I Z SL	XPCP	11 02 35.-	2.0	2.91	9				
	-I Z SL	-	11 04 24.-	2.0	2.47	9				
	+I Z SL	PP	11 05 36.-	2.0	2.33	2				
	+I Z SL	APP	11 05 47.-	2.0	2.43	3				
	-I Z SL	XPP	11 05 54.-	2.0	2.29	3				
	Z SL	RM	11 46 00.-	18.0	4.04					
TNS	1E Z SL	P	11 02 21.0				9540	85.8	56.7	324.0
	E Z SL	AP	11 02 29.-							
	E E SL	S	11 12 44.-							
BNS*	+I Z FS	P	11 02 21.3	2.2	2.30		9570	86.1	55.8	325.1
	+I Z SL	-	11 02 22.-							
	E Z SL	PP	11 05 40.-							
	E Z SL	S	11 12 50.-							
	E Z SL	LR	11 36 10.-	28.0						
	Z SL	-	11 45 50.-	17.0						
STU	+E Z BE	P	11 02 21.7	2.3	2.82	3	9590	86.2	57.2	322.9
KRL	+I Z WH	P	11 02 24.0	2.0		5	9620	86.5	56.6	323.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	+I Z GT	P	11 02 24.8				9650	86.8	56.5	322.8
APR 17 ERL H= 11 01 40.2 LAT = 24.3 N LONG= 122.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 TAIWAN REGION										
GRF	E Z BE	P	11 14 11.5			2	9390	84.5	58.7	322.5
FUR	+I Z SL	P	11 14 12.-	2.0	2.03	9	9480	85.2	58.6	321.2
	-I Z SL	PCP	11 14 16.-	1.5	1.90	9				
	-I Z SL	APCP	11 14 25.-	1.5	1.56	2				
	-I Z SL	XPCP	11 14 30.-	1.5	1.51	3				
BUH	E Z GT	P	11 14 22.3				9640	86.7	56.5	322.7
APR 17 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	11 20 46.0							
APR 17 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	13 49 56.-							
	E Z FS	-	13 50 10.5							
APR 17 ERL H= 14 02 38.7 LAT = 27.9 N LONG= 142.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 BONIN ISLANDS REGION										
GRF	E Z BE	P	14 15 44.3			2	10180	91.6	41.5	330.9
FUR	-E Z SL	P	14 15 50.-	1.5	1.60	9	10310	92.7	41.6	329.9
APR 17 ERL H= 14 32 06.3 LAT = 6.9 S LONG= 155.0 E DEPTH= 47 KM MAGNITUDE= 5.2 SOLOMON ISLANDS										
GRF	E Z BE	PKP	14 51 05.1			2	14190	127.6	47.8	331.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 17 ERL H= 14 38 56.9 LAT = 44.6 N LONG= 129.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 OFF COAST OF OREGON										
FUR	N SL	PM	15 28 00.-	18.0	3.13		9060	81.5	332.8	25.3
APR 18 ERL H= 01 48 57.4 LAT = 21.3 S LONG= 170.3 E DEPTH=118 KM MAGNITUDE= 5.2 LOYALTY ISLANDS REGION										
HOF	-E Z SL	PKP1	02 08 26.-	2.0	2.20	5	16280	146.4	38.3	334.8
GRF	-I Z BE	PKP	02 08 28.4	1.0	2.00	8	16360	147.2	37.8	334.7
	E Z BE	XPP	02 12 22.2			2				
BNS	-I Z FS	PKP	02 08 29.0	1.2	1.90		16410	147.6	30.3	340.0
	E Z FS	-	02 09 01.-							
FUR	-I Z SL	PKP1	02 08 31.-	1.8	2.02	9	16490	148.3	39.4	332.9
	-I Z SL	-	02 08 49.-	1.5	1.56	2				
	-I Z SL	APKP	02 08 59.-	1.5	1.30	1				
	-I Z SL	XPKP	02 09 10.-	2.0	2.08	2				
	+I Z SL	-	02 09 39.-	1.5	1.60	9				
STU	E Z BE	PKP	02 08 27.1	1.5	1.76	2	16530	148.7	35.5	335.7
BUH	-E Z GT	PKP	02 08 33.6				16580	149.1	34.0	336.6
APR 18 ERL H= 05 05 15.9 LAT = 55.7 N LONG= 162.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 NEAR EAST COAST OF KAMCHATKA										
GRF	E Z BE	P	05 16 40.3			2	8040	72.3	16.7	340.8
APR 18 BCS H= 05 51 51.0 LAT = 36.3 N LONG= 11.2 W NORTH ATLANTIC OCEAN										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 18 ERL H= 05 51 52.8 LAT = 36.4 N LONG= 11.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 NORTH ATLANTIC OCEAN										
NOS= FELT (II) AT LISBON, PORTUGAL.										
BUH	E Z GT	P	05 56 12.6				2100	18.9	236.2	43.0
BNS	E Z FS	-	05 56 24.5				2190	13.7	229.0	36.2
	E Z FS	-	05 56 27.0							
FUR	-I Z SL	P	05 56 30.-	2.0	1.81	3	2260	20.4	242.6	47.4
	-I Z SL	-	05 56 32.-	1.5	1.81	3				
	+I Z SL	PP	05 56 44.-	1.5	1.60	2				
	+E Z SL	-	05 57 16.-	2.0	1.94	2				
GRF	E Z BE	P	05 56 36.1			2	2340	21.1	239.0	43.6
APR 18 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	05 59 47.-							
	E Z FS	-	05 59 53.5							
APR 18 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 57 59.9			2				
	E N BE	SG	11 58 36.3			2				
APR 18 ERL H= 15 07 49.1 LAT = 3.0 S LONG= 28.7 E DEPTH= 5 KM MAGNITUDE= 5.4 LAKE TANGANYIKA REGION										
FUR	+I Z SL	P	15 17 10.-	1.9	1.91	2	5910	53.2	158.1	345.5
GRF	E Z BE	P	15 17 20.5			2	6070	54.6	158.4	346.1
APR 19 ERL H= 14 40 00.5 LAT = 44.5 N LONG= 151.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 KURIL ISLANDS REGION										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	14 52 09.5			2	8900	80.0	27.6	335.1

APR 19
NO DETERMINATION OF EPICENTER

BNS	E N X	SG	15 30 50.-							

APR 19 ERL
H= 19 31 40.1
LAT = 33.3 N
LONG= 140.8 E
DEPTH= 61 KM
MAGNITUDE= 4.7
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	19 44 15.6			1	9570	86.1	40.3	329.9

APR 20 ERL
H= 00 35 56.7
LAT = 42.0 N
LONG= 84.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
NORTHERN SINKIANG PROV., CHINA

GRF	+E Z BE	P	00 44 49.1	1.0	1.52	3	5540	49.8	69.2	305.4

APR 20
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	03 27 34.-	1.8	1.65	6				
	-I Z SL	-	03 28 21.-	1.5	1.38	1				
	Z SL	MAXIMUM	03 29 40.-	1.8	1.83					
GRF	E Z BE	PN	03 28 25.4			1				
	E Z BE	PG	03 28 58.9			2				
	E N BE	SG	03 29 47.8			4				

APR 20
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	07 57 19.9							

APR 20
NO DETERMINATION OF EPICENTER

BNS	I Z FS	PG	10 25 56.0							
	E Z FS	SG	10 26 02.-							
	I Z FS	-	10 26 07.5	1.0	1.70					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 20
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	11 22 37.2			2				
	E N BE	SG	11 23 03.2			2				

APR 20
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	15 00 50.-	2.0	2.03					

APR 20
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	15 04 00.2							

APR 20 ERL
H= 17 01 37.0
LAT = 22.9 S
LONG= 175.1 W
DEPTH= 37 KM
MAGNITUDE= 5.3
TONGA ISLANDS REGION

HLG	Z SL	PKP	17 21 20.-				16530	148.6	5.4	356.6
HAM	E Z SX	PKP	17 21 21.-			2	16590	149.2	9.2	354.1
BNS	E Z FS	PKP	17 21 28.8	2.4	1.90		16890	151.9	4.6	356.9
GRF	E Z BE	PKP	17 21 31.8			1	16990	152.8	12.9	351.0
	E Z BE	-	17 21 42.1			2				
BUH	E Z GT	PKP	17 21 33.8				17140	154.1	7.1	354.9
FUR	-E Z SL	PKP1	17 21 26.-	1.5	1.38	1	17150	154.2	13.7	350.1
	-E Z SL	PKHKP	17 21 35.-	1.5	1.20	4				
	-I Z SL	PKP2	17 21 48.-	3.0	2.55	3				
	-E Z SL	APKP	17 21 57.-	1.9	2.86	2				

APR 21 ERL
H= 01 28 09.5
LAT = 54.0 N
LONG= 166.9 W
DEPTH=103 KM
MAGNITUDE= 5.8
FOX ISLANDS, ALEUTIAN ISLANDS

HLG	Z SL	P	01 39 24.-				8020	72.1	356.7	3.2
	Z X	P	01 39 24.-			2				
HAM	E Z SX	P	01 39 28.-			6	8100	72.9	358.0	2.0
BNS	-I Z FS	P	01 39 42.3	1.8	2.38		8370	75.3	356.4	3.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	-	01 39 43.-							
	I Z FS	-	01 39 43.-							
	I Z FS	AP	01 39 55.5							
	E Z SL	PP	01 42 16.-							
HOF	-I Z SL	P	01 39 47.-	1.5	2.59	9	8460	76.0	359.2	0.8
	+I Z SL	PCP	01 40 00.-	1.5	2.09	5				
	+E Z SL	APCP	01 40 22.-	2.0	2.20	5				
	-E Z SL	XPCP	01 40 37.-	1.5	1.99	4				
	-E Z SL	PP	01 42 46.-	2.0	2.20	3				
	-E Z SL	APP	01 43 08.-	2.0	2.20	3				
GRF	-E Z BE	P	01 39 50.6	0.9	2.18	4	8520	76.7	358.8	1.3
STU	E Z BE	P	01 39 54.6	2.5	2.07	4	8620	77.5	357.6	2.7
BUH	-E Z GT	P	01 39 55.3				8630	77.6	357.0	3.3
FUR	-I Z SL	P	01 40 00.-	1.5	2.26	9	8690	78.2	358.9	1.3
	-I Z SL	PCP	01 40 13.-	2.0	2.21	2				
	+I Z SL	-	01 40 15.-	1.5	2.00	4				
	-I Z SL	AP	01 40 27.-	2.0	2.21	2				
	-I Z SL	XP	01 40 33.-	1.8	2.10	2				
	-I Z SL	XPCP	01 40 46.-	1.5	1.88	9				
	+E Z SL	PP	01 42 57.-	1.9	2.00	9				

APR 21 ERL
H= 01 32 05.8
LAT = 10.6 S
LONG= 113.7 E
DEPTH= 44 KM
MAGNITUDE= 5.3
SOUTH OF JAVA

HOF	-E Z SL	PKP1	01 50 22.-	2.0	1.98	3	11750	105.6	87.7	319.3
	+E Z SL	PP	01 50 42.-	2.0	2.20	5				
GRF	E Z BE	PKP	01 50 32.5			1	11800	106.1	87.4	318.7

APR 21 ERL
H= 08 06 59.9
LAT = 35.4 N
LONG= 141.0 E
DEPTH= 46 KM
MAGNITUDE= 4.6
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	08 19 28.8			1	9380	84.3	39.1	329.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 21 ERL
H= 13 20 41.2
LAT = 24.1 N
LONG= 122.5 E
DEPTH= 37 KM
MAGNITUDE= 5.1
TAIWAN REGION

GRF	E Z BE	P	13 33 12.0			2	9410	84.6	58.8	322.6
FUR	-I Z SL	P	13 33 17.-	1.2	2.10	9	9490	85.4	58.7	321.2
	-I Z SL	AP	13 33 27.-	1.5	1.60	2				

APR 21 ERL
H= 13 25 21.3
LAT = 15.3 S
LONG= 173.7 W
DEPTH=125 KM
MAGNITUDE= 5.6
TONGA ISLANDS

BNS	+I Z FS	PKP	13 44 44.2	1.5	2.15		16060	144.4	1.4	359.1
	E Z FS	-	13 44 57.-							
	E Z SL	-	13 48 20.-							
	E Z SL	LR	14 32 30.-	46.0						
	Z SL	-	14 48 30.-	19.0						
HOF	+I Z SL	PKP1	13 44 50.-	2.0	2.20	5	16100	144.8	9.3	353.8
	-I Z SL	-	13 44 59.-	1.5	2.29	8				
	-I Z SL	APKP	13 45 28.-	2.0	2.10	4				
	-I Z SL	XPKP	13 45 44.-	1.5	1.99	4				
	-E Z SL	-	13 45 55.-	2.0	2.20	2				
GRF	+I Z BE	PKP	13 44 48.3	1.2	2.54	4	16180	145.5	8.3	354.4
	E Z BE	-	13 45 01.6			2				
	-E Z BE	-	13 45 06.5			3				
KRL	+E Z ST	-	13 44 51.4	2.0		3	16270	145.3	3.6	357.5
STU	E Z BE	PKP	13 44 49.5	1.3	2.24	2	16300	146.5	5.0	356.6
BUH	E Z GT	PKP	13 44 49.5				16310	146.7	3.3	357.7
FUR	-I Z SL	PKP1	13 44 51.-	2.0	2.85	9	16340	147.0	8.8	353.9
	-I Z SL	PKHKP	13 44 54.-	1.5	2.43	3				
	+I Z SL	-	13 45 07.-	1.8	2.79	4				
	+I Z SL	XPKP	13 45 39.-	1.5	2.15	3				

APR 21
NO DETERMINATION OF EPICENTER

BNS	E Z FS	SG	13 38 16.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
APR 21 ERL H= 14 33 09.4 LAT = 28.5 N LONG= 52.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.1 SOUTHERN IRAN									
GRF	E Z BF	P	14 40 24.0			1	4190	37.7	108.7 315.7
APR 21 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PN	20 24 58.6						
GRF	E Z BE	PG	20 25 00.3			2			
	E N BE	SG	20 25 47.8			4			
APR 21 ERL H= 21 19 29.5 LAT = 35.0 N LONG= 81.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 SOUTHERN SINKIANG PROV., CHINA									
GRF	E Z BE	P	21 28 37.8			2	5760	51.8	78.6 309.2
BUH	E Z GT	P	21 28 52.2				6000	54.0	75.9 308.5
APR 22 ERL H= 10 18 02.3 LAT = 46.5 N LONG= 13.8 E DEPTH= 38 KM AUSTRIA									
FUR	-I Z SL	PN	10 18 41.-	1.5	1.72	7	270	2.4	133.2 315.0
	-I Z SL	-	10 19 04.-	1.5	2.00	3			
	-I Z SL	SN	10 19 07.-	1.5	2.08	6			
	Z SL	MAXIMUM	10 19 36.-	1.5	2.05				
GRF	E Z JM	PN	10 18 58.6			1	410	3.6	150.4 332.4
	E Z BE	PG	10 19 05.0			2			
	E Z BE	PG	10 19 09.1			2			
	E N BE	SN	10 19 30.0			2			
	E E BE	SG	10 19 41.1			4			
STU	E E BE	SG	10 19 50.9	0.7	2.94	2	430	3.9	124.4 307.8
BUH	E Z GT	PN	10 19 07.0				490	4.4	117.9 302.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
APR 22 NO DETERMINATION OF EPICENTER									
FUR	-E Z SL	-	10 39 45.-	2.0	1.81	2			
	+I Z SL	-	10 39 50.-	1.5	1.38	6			
GRF	E Z BE	PG	10 39 47.4			1			
	E N BE	SG	10 40 24.4			2			
BUH	E Z GT	PN	10 39 49.1						
APR 23 ERL H= 05 13 33.0 LAT = 38.1 N LONG= 20.7 E DEPTH= 39 KM MAGNITUDE= 4.7 GREECE									
FUR	+I Z SL	P	05 16 25.-	1.5	1.38	2	1360	12.2	142.1 328.6
	+I Z SL	-	05 16 54.-	1.5	1.38	6			
GRF	E Z BE	P	05 16 40.9			1	1500	13.4	145.9 332.5
	E Z BE	PP	05 16 52.3			2			
APR 23 NO DETERMINATION OF EPICENTER									
GRF	E Z BE	P	16 17 04.5			1			
APR 23 ERL H= 20 40 10.0 LAT = 5.7 S LONG= 104.2 E DEPTH=103 KM MAGNITUDE= 5.5 SOUTHERN SUMATRA									
GRF	-E Z BE	P	20 53 29.7			2	10710	96.3	91.4 319.3
APR 23 ERL H= 22 28 15.2 LAT = 28.2 N LONG= 53.2 E DEPTH= 45 KM MAGNITUDE= 4.2 SOUTHERN IRAN									
GRF	E Z BE	P	22 35 34.1			1	4270	38.4	108.2 315.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 23 ERL H= 23 36 33.3 LAT = 17.5 S LONG= 167.7 E DEPTH= 17 KM MAGNITUDE= 4.6 NEW HEBRIDES ISLANDS										
FUR	-I Z SL	PKP1	23 56 07.-	1.5	1.60	9	16000	143.9	40.2	333.1
	+I Z SL	XPKP	23 56 20.-	1.7	1.77	5				
	+I Z SL	-	23 57 17.-	1.5	1.60	5				
BUH	E Z GT	PKP	23 56 09.1				16090	144.7	35.3	336.3
APR 24 ERL H= 01 20 48.2 LAT = 31.4 S LONG= 111.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.8 EASTER ISLAND REGION										
BNS	E Z FS	PKP	01 40 01.-				14580	131.1	268.9	47.7
BUH	E Z GT	PKP	01 40 02.6				14640	131.7	267.7	50.7
GRF	E Z BE	PKP	01 40 03.2	1.8	2.52	3	14860	133.7	270.9	49.4
FUR	-I Z SL	PKP1	01 40 03.-	2.0	1.99	2	14870	133.7	269.5	51.5
	-I Z SL	-	01 40 06.-	2.0	2.21	2				
	+I Z SL	PP	01 42 40.-	2.3	2.26	9				
	-I Z SL	PPP	01 45 29.-	2.0	2.03	9				
HOF	-E Z SL	PKP1	01 40 08.-	2.0	2.35	7	14910	134.1	272.0	48.5
APR 24 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	01 58 32.2							
	E Z FS	-	01 59 01.-							
GRF	+E Z BE	P	01 58 41.5			2				
APR 24 ERL H= 02 04 25.0 LAT = 21.3 S LONG= 179.3 W DEPTH=615 KM MAGNITUDE= 5.5 FIJI ISLANDS REGION										
BNS	-I Z FS	PKP	02 23 08.0				16680	150.0	12.2	351.8
	E Z FS	-	02 23 15.-	2.0	1.95					
	E Z FS	-	02 25 27.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	-E Z BE	PKP1	02 23 09.5			4	16730	150.5	20.2	346.1
	-I Z BE	PKP2	02 23 19.1			9				
	-E Z BE	APKP	02 25 30.8			2				
	E Z BE	PP	02 26 48.3			3				
STU	-E Z BE	PKP	02 23 05.3	1.0	1.40	2	16880	151.8	17.0	348.0
FUR	+E Z SL	PKHKP	02 23 13.-	1.8	1.78	2	16890	151.9	21.3	344.8
	-I Z SL	PKP2	02 23 25.-	1.5	2.17	7				
	+I Z SL	APKP	02 25 38.-	1.8	2.13	6				
	+I Z SL	PP	02 25 55.-	1.8	2.02	2				
BUH	E Z GT	PKP	02 23 12.9				16910	152.1	15.1	349.3
	E Z GT	PKP	02 23 25.4							
APR 24 ERL H= 02 49 45.8 LAT = 32.9 S LONG= 178.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 SOUTH OF KERMADEC ISLANDS										
HOF	-I Z SL	PKP2	03 10 26.-	1.5	2.17	6	17910	161.0	27.5	339.4
GRF	-E Z BE	PKP	03 10 29.3			2	17990	161.8	26.7	339.7
FUR	-I Z SL	PKP2	03 10 36.-	1.5	1.78	8	18140	163.1	29.2	337.2
	-I Z SL	APKP	03 10 41.-	1.5	1.45	2				
	-I Z SL	XPKP	03 10 46.-	1.5	1.30	5				
APR 24 ERL H= 09 57 21.7 LAT = 23.6 N LONG= 121.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.0 TAIWAN NOS= 4 KILLED, 11 INJURED AND MODERATE DAMAGE IN HUALIEN AREA. FELT ISLAND-WIDE. MAG. 7.2 (PAS)										
BRN	E Z ET	P	10 09 40.8			9	9120	82.0	61.5	324.1
HAM	+E Z SX	P	10 09 47.-			9	9260	83.3	59.1	326.0
	E N WI	S	10 20 12.-			7				
HOF	+I Z SL	P	10 09 49.-	8.0	4.56	9	9320	83.8	60.3	322.6
	+E Z SL	S	10 20 22.-	14.0	4.19	9				
	Z SL	RM	10 50 55.-	12.0	5.44					
HLG	+I Z SL	P	10 09 50.0			6	9330	83.9	57.6	327.2
	-I Z SL	PP	10 12 24.-							
GRF	+E Z BE	P	10 09 52.8			3	9390	84.5	59.8	322.3
	+I Z BE	P	10 09 53.9			9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-E Z BE	PP	10 13 08.0			4				
	E N BF	S	10 20 24.0			5				
FUR	+I Z SL	P	10 09 56.-	11.6	4.41	9	9480	85.2	59.7	320.9
	Z SL	RM	10 57 00.-	16.0	4.07					
BOC	+I Z B4	P	10 09 59.0	6.0	4.52	2	9530	85.7	56.9	325.2
	+E Z B4	PP	10 13 17.2	5.0	4.34	2				
BNS	+I Z FS	P	10 10 00.0	4.0	3.57		9560	86.0	56.9	324.7
	+I Z SL	-	10 10 00.0	12.0						
	E Z SL	PP	10 13 18.-							
	E Z FS	-	10 13 20.0							
	E N X	S	10 20 26.-							
	E Z SL	SS	10 26 44.-							
	E Z SL	LR	10 38 16.-	50.0						
	Z SL	-	10 53 00.-	20.0						
STU	+E Z BE	P	10 10 01.0	3.5	3.71	4	9570	86.1	58.2	322.2
	-E E SL	S	10 20 34.0	20.0	4.31	3				
KRL	+I Z WH	P	10 10 03.0	3.5		9	9610	86.4	57.7	322.7
	+E Z WH	PP	10 13 24.0	4.3		7				
	-E E MH	S	10 20 29.0			5				
BUH	+E Z GT	P	10 10 02.9				9640	86.7	57.5	322.4
	+E Z GT	-	10 13 26.1							

APR 24 ERL
H= 11 32 10.1
LAT = 23.5 N
LONG= 121.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
TAIWAN

GRF	+E Z BE	P	11 44 41.6			2	9400	84.6	59.8	322.3
FUR	-I Z SL	P	11 44 45.-	1.9	2.26	4	9480	85.3	59.8	320.9
	+I Z SL	PCP	11 44 51.-	1.9	2.26	3				
	-I Z SL	APCP	11 44 55.-	1.5	2.00	9				

APR 24 ERL
H= 12 00 29.4
LAT = 23.6 N
LONG= 121.6 E
DEPTH= 19 KM
MAGNITUDE= 4.9
TAIWAN

GRF	E Z BE	P	12 13 02.5			2	9390	84.5	59.7	322.3
FUR	+E Z SL	P	12 13 06.-	1.5	1.56	9	9480	85.2	59.7	320.9
	+I Z SL	APCP	12 13 12.-	1.3	2.13	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 24
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	12 48 23.-	1.7	1.54	2				
	+E Z SL	-	12 48 28.-	1.9	1.66	5				
	-E Z SL	-	12 48 38.-	2.0	1.88	2				

APR 24 ERL
H= 14 41 09.3
LAT = 28.5 N
LONG= 53.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
SOUTHERN IRAN

GRF	E Z BE	P	14 48 26.0			2	4240	38.1	108.0	315.5

APR 24 ERL
H= 17 58 31.5
LAT = 23.7 N
LONG= 121.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
TAIWAN

GRF	+E Z BE	P	18 11 02.2			2	9390	84.5	59.6	322.3
FUR	-I Z SL	P	18 11 06.-	1.5	1.78	3	9480	85.2	59.6	321.0
	-I Z SL	PCP	18 11 10.-	1.2	2.02	9				
	+I Z SL	APCP	18 11 14.-	1.9	2.13	4				
	-E Z SL	XP	18 11 20.-	2.0	2.03	3				
	Z SL	RM	18 54 00.-	10.0	2.99					

APR 24 ERL
H= 18 32 50.3
LAT = 41.3 N
LONG= 141.2 E
DEPTH= 26 KM
MAGNITUDE= 5.0
HOKKAIDO, JAPAN REGION

GRF	E Z BE	P	18 44 58.2			2	8820	79.3	36.0	329.6

APR 24
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	22 23 31.1							

APR 25
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	03 26 36.6			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

APR 25
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 12 18.-	1.8	2.05					

APR 25
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	11 48 46.4			1				
	E N BE	SG	11 49 11.4			2				

APR 25 ERL
H= 13 21 14.8
LAT = 28.4 N
LONG= 53.2 E
DEPTH= 45 KM
MAGNITUDE= 5.0
SOUTHERN IRAN

APR 25 BCS
H= 13 21 25.0
LAT = 28.6 N
LONG= 52.8 E
SOUTHERN IRAN

NOS= FELT IN SOUTHERN IRAN.

FUR	+I Z SL	P	13 28 28.-	1.8	2.05	9	4200	37.8	106.2	313.2
	-I Z SL	-	13 29 12.-	1.9	2.07	3				
	-E Z SL	PP	13 29 58.-	2.0	2.03	2				
	+E Z SL	PPP	13 30 19.-	1.5	1.56	2				
	+I Z SL	XPCP	13 30 58.-	2.0	2.08	3				
GRF	+E Z BE	P	13 28 32.1	1.0	1.66	4	4260	38.3	108.0	315.5

APR 25 ERL
H= 19 30 09.3
LAT = 13.4 N
LONG= 120.3 E
DEPTH= 50 KM
MAGNITUDE= 6.2
MINDORO, PHILIPPINE ISLANDS

NOS= DAMAGE (VI RF) IN MANILA AREA. FELT WIDELY ON LUZON. MAG. 7.3 (PAS)

BRN	I Z ET	P	19 43 04.6			9	9970	89.6	68.5	324.2
HAM	+I Z SX	P	19 43 10.2			9	10130	91.1	65.8	325.9
	E E WI	S	19 53 39.-			9				
HOF	+I Z SL	P	19 43 11.-	10.0	4.67	9	10140	91.2	67.4	322.5
	+I Z SL	PP	19 46 50.-	4.5	4.29	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	-	19 50 26.-	4.0	3.45	2				
	Z SL	RM	20 32 30.-	18.0	5.87					
GRF	+E Z BE	P	19 43 14.2	2.9	4.02	9	10210	91.8	67.0	322.1
	E Z BE	P	19 43 22.8			9				
	-E Z BE	PP	19 46 58.1			9				
	E Z BE	P	19 52 34.4			2				
	E N BE	SKS	19 54 13.-			5				
	E Z BE	PS	19 55 31.2			2				
	E Z BE	SS	20 00 47.3			1				
	E Z BE	-	20 08 43.8			1				
HLG	+I Z SL	P	19 43 14.6			9	10210	91.9	64.2	327.1
	+I Z X	P	19 43 14.6			2				
	-I Z SL	S	19 53 22.-			2				
FUR	+I Z SL	P	19 43 17.-				10270	92.4	67.1	320.7
	E SL	RM	20 31 20.-	16.0	4.35					
BOC	+I Z B4	P	19 43 21.0	2.0	3.78	3	10390	93.4	63.7	324.8
	+E Z B4	PP	19 47 04.0	3.0	3.78	2				
	-I E B4	S	19 53 52.0	7.0	4.15	3				
STU	AI Z BE	P	19 43 20.9	1.5	3.23	5	10390	93.4	65.4	321.8
BNS	+I Z FS	P	19 43 22.4	2.5	3.20		10410	93.7	63.7	324.4
	+I Z SL	-	19 43 23.-	20.0						
	E Z FS	-	19 46 43.-							
	E Z FS	PP	19 47 06.5							
	I N X	SKS	19 53 53.-							
	E Z SL	LR	20 16 44.-	40.0						
	Z SL	-	20 28 00.-	19.0						
KRL	+E Z ST	P	19 43 23.7	2.5		9	10430	93.8	64.8	322.2
	+E Z ST	PP	19 47 11.0	4.5						
	+I E KH	S	19 53 54.4							
BUH	+I Z GT	P	19 43 23.7				10460	94.0	64.7	322.0

APR 25 ERL
H= 20 46 35.9
LAT = 13.5 N
LONG= 120.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
MINDORO, PHILIPPINE ISLANDS

GRF	E Z BE	P	20 59 42.5			1	10210	91.8	66.7	322.2

APR 25
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	20 50 51.0			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
APR 26 ERL H= 01 33 18.4 LAT = 18.2 S LONG= 173.0 E DEPTH=593 KM MAGNITUDE= 5.1 FIJI ISLANDS REGION									
GRF	+I Z BE	PKP	01 51 51.9	1.0	2.02	9	16160	145.4	
	+E Z BE	SKP	01 54 33.7			3			31.4 339.1
BNS	E Z FS	PKP	01 51 50.2				16170	145.4	
	+I Z FS	-	01 51 51.7	0.8	1.78				24.2 344.2
	E Z FS	-	01 52 23.-						
	E Z FS	-	01 54 33.6						
FUR	-I Z SL	PKP1	01 51 52.-	1.5	1.56	3	16310	146.6	
	+I Z SL	PKHKP	01 51 55.-	1.5	1.90	7			32.7 337.6
	+E Z SL	APKP	01 54 11.-	2.6	2.55	3			
	-I Z SL	SKP	01 54 24.-	2.0	1.11	9			
	-I Z SL	-	01 54 37.-	1.8	1.87	5			
	-E Z SL	SKP	01 54 56.-	1.9	1.74	3			
BUH	E Z GT	PKP	01 51 56.5				16370	147.2	27.4 341.3
APR 26 ERL H= 04 30 19.5 LAT = 13.5 N LONG= 120.5 E DEPTH= 72 KM MAGNITUDE= 5.1 MINDORO, PHILIPPINE ISLANDS									
GRF	E Z BE	P	04 43 21.9			2	10210	91.8	66.7 322.2
FUR	-I Z SL	P	04 43 24.-	1.5	1.60	9	10280	92.4	
	-I Z SL	AP	04 43 48.-	1.5	1.51	8			66.8 320.8
APR 26 ERL H= 06 18 44.9 LAT = 13.5 N LONG= 120.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 MINDORO, PHILIPPINE ISLANDS									
HOF	-E Z SL	P	06 31 49.-	4.0	2.45	2	10140	91.2	67.2 322.6
GRF	E Z BE	P	06 31 51.5			1	10210	91.8	66.7 322.2
FUR	-I Z SL	P	06 31 56.-	1.5	1.60	2	10280	92.4	
	+I Z SL	APCP	06 32 03.-	1.9	1.96	1			66.8 320.8
	Z SL	RM	07 19 30.-	17.0	3.55				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
APR 26 ERL H= 06 30 23.9 LAT = 39.5 N LONG= 26.3 E DEPTH= 26 KM MAGNITUDE= 5.0 TURKEY									
APR 26 BCS H= 06 30 25.0 LAT = 39.5 N LONG= 26.5 E TURKEY									
NOS= SLIGHT DAMAGE ON LESBOS ISLAND, GREECE BCIS= FELT STRONGLY IN THE REGION OF CANAKKALE (ISK).									
FUR	-I Z SL	P	06 33 43.-	1.5	1.60	2	1540	13.9	123.0 313.5
	+I Z SL	PP	06 33 55.-	1.5	1.60	2			
	+E Z SL	S	06 36 09.-	2.0	1.99	2			
	Z SL	RM	06 40 00.-	12.0	3.61				
GRF	E Z BE	P	06 33 51.6			1	1650	14.8	127.8 318.4
	E Z BE	-	06 33 58.8			2			
HOF	+E Z SL	P	06 34 02.-	1.5	1.86	3	1650	14.9	131.1 321.4
	-E Z SL	-	06 34 05.-	2.0	2.28	2			
	Z SL	RM	06 40 15.-	9.0	3.61				
BUH	-E Z GT	P	06 34 12.0				1770	15.9	118.5 311.2
BNS	+I Z FS	P	06 34 33.0	1.5	1.70		1960	17.7	123.1 316.8
APR 26 ERL H= 06 43 42.9 LAT = 13.5 N LONG= 120.6 E DEPTH= 63 KM MAGNITUDE= 5.0 MINDORO, PHILIPPINE ISLANDS									
GRF	E Z BE	P	06 56 46.6			1	10220	91.9	66.7 322.
FUR	-I Z SL	P	06 56 50.-	1.8	1.83	9	10280	92.5	66.8 320.
APR 26 NO DETERMINATION OF EPICENTER									
GRF	E Z BE	PG	11 06 42.2			2			
	E N BE	SG	11 07 05.4			3			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 26 ERL H= 12 21 55.4 LAT = 23.2 S LONG= 179.1 E DEPTH=567 KM MAGNITUDE= 5.0 SOUTH OF FIJI ISLANDS										
BNS	+E Z FS	PKP	12 40 39.8				16860	151.6	15.7	349.3
	I Z FS	-	12 40 46.3	1.4	1.85					
GRF	-E Z BE	PKP	12 40 47.3	0.8	1.69	3	16900	151.9	24.1	343.2
	E Z BE	-	12 41 00.0			2				
FUR	+I Z SL	PKP1	12 40 43.-	1.9	1.96	9	17050	153.3	25.5	341.8
	-I Z SL	PKHKP	12 40 50.-	1.8	1.87	2				
	+I Z SL	PKP2	12 41 06.-	1.5	2.08	3				
	+I Z SL	-	12 41 41.-	1.9	1.91	9				
BUH	E Z GT	PKP	12 40 41.9				17080	153.6	19.1	346.4
APR 26 ERL H= 14 27 23.4 LAT = 41.4 N LONG= 142.5 E DEPTH= 56 KM MAGNITUDE= 4.7 HOKKAIDO, JAPAN REGION										
GRF	E Z BE	P	14 39 27.8			2	8870	79.7	35.1	330.3
APR 26 ERL H= 15 55 59.3 LAT = 13.2 N LONG= 120.3 E DEPTH= 35 KM MAGNITUDE= 5.1 MINDORO, PHILIPPINE ISLANDS										
GRF	E Z BE	P	16 09 21.3			1	10230	92.0	67.0	322.1
APR 26 ERL H= 15 59 45.0 LAT = 39.5 N LONG= 26.3 E DEPTH= 28 KM MAGNITUDE= 4.8 TURKEY										
APR 26 BCS H= 15 59 48.0 LAT = 39.5 N LONG= 26.5 E TURKEY										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOS= SLIGHT DAMAGE ON LESBOS ISLAND, GREECE.										
FUR	-I Z SL	P	16 03 02.-	1.5	1.45	7	1540	13.9	123.0	313.5
	-I Z SL	PP	16 03 11.-	1.3	1.90	9				
	-I Z SL	XPP	16 03 32.-	1.2	1.98	5				
	+I Z SL	SS	16 05 53.-	1.5	1.51	1				
	Z SL	RM	16 09 15.-	7.5	3.41					
GRF	E Z BE	P	16 03 20.1			2	1650	14.8	127.8	318.4
HOF	-E Z SL	P	16 03 21.-	1.5	1.86	3	1650	14.9	131.1	321.4
	-E Z SL	-	16 03 26.-	1.5	1.86	3				
	-E Z SL	-	16 03 49.-	1.5	1.86	2				
	Z SL	QM	16 09 30.-	9.0	3.52					
BUH	E Z GT	P	16 03 33.1				1770	15.9	118.5	311.2
BNS	+I Z FS	P	16 03 53.5	1.5	1.70		1960	17.6	123.1	316.8
APR 26 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PN	16 43 00.1			1				
	E Z BE	PG	16 43 09.1			2				
	E N BE	SN	16 43 42.8			1				
	E N BE	SG	16 43 57.7			9				
BUH	E Z GT	PN	16 43 18.2							
FUR	+I Z SL	-	16 43 46.-	1.0	2.26	2				
	-I Z SL	-	16 44 34.-	1.8	1.87	9				
HOF	-E Z SL	-	16 43 56.-	2.0	1.98	3				
APR 26 ERL H= 17 35 08.4 LAT = 13.4 N LONG= 120.6 E DEPTH= 53 KM MAGNITUDE= 5.2 MINDORO, PHILIPPINE ISLANDS										
GRF	E Z BE	P	17 48 13.3			1	10220	91.9	66.7	322.2
	E Z BE	AP	17 51 55.4			1				
FUR	+I Z SL	P	17 48 16.-	2.0	2.03	1	10290	92.5	66.8	320.8
	-I Z SL	-	17 48 20.-	1.8	1.83	2				
APR 26 ERL H= 21 14 06.3 LAT = 38.3 N LONG= 22.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.4 GREECE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 26 BCS H= 21 14 14.0 LAT = 38.4 N LONG= 22.4 E DEPTH= 60 KM GREECE										
GRF	-E Z BE	P	21 17 31.3	1.1	1.68	2	1530	13.8	141.9	329.4
APR 26 ERL H= 21 34 53.9 LAT = 13.4 N LONG= 120.6 E DEPTH= 44 KM MAGNITUDE= 4.9 MINDORO, PHILIPPINE ISLANDS										
FUR	+I Z SL	P	21 48 07.-	2.0	1.93	5	10290	92.5	66.8	320.8
APR 26 ERL H= 23 48 27.0 LAT = 23.8 N LONG= 121.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 TAIWAN										
FUR	-I Z SL	P	00 01 04.-	2.0	1.93	2	9460	85.1	59.6	320.9
	+I Z SL	PCP	00 01 08.-	1.5	1.56	3				
APR 27 ERL H= 01 29 38.2 LAT = 13.5 N LONG= 120.7 E DEPTH= 72 KM MAGNITUDE= 5.4 MINDORO, PHILIPPINE ISLANDS										
HOF	-I Z SL	P	01 42 39.-	1.5	2.09	5	10150	91.3	67.1	322.6
	+E Z SL	APCP	01 42 46.-	2.0	2.10	2				
	+E Z SL	XP	01 42 51.-	1.5	1.86	3				
GRF	+E Z BE	P	01 42 40.8	1.6	2.13	3	10220	91.9	66.6	322.2
FUR	+I Z SL	P	01 42 43.-	1.8	2.13	9	10290	92.5	66.7	320.8
	+I Z SL	-	01 42 50.-	1.9	2.13	9				
	+I Z SL	AP	01 42 55.-	1.8	2.13	5				
	+I Z SL	-	01 43 28.-	2.0	2.11	6				
	Z SL	RM	01 43 38.-	2.0	2.08	2				
			02 27 30.-	17.0	3.24					
BUH	-E Z GT	P	01 42 50.8				10470	94.2	64.3	322.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 27 NO DETERMINATION OF EPICENTER										
GRF	E Z JM	PN	02 48 57.4			1				
	E Z BE	PG	02 49 06.8			2				
	E N BE	SN	02 49 37.9			2				
	E N BE	SG	02 49 52.5			2				
HOF	-E Z SL	-	02 49 53.-	4.0	2.55	3				
BUH	E Z GT	PN	02 50 13.0							
FUR	+E Z SL	-	02 50 46.-	1.0	2.00	5				
	-I Z SL	-	02 50 48.-	1.0	2.00	5				
APR 27 ERL H= 05 51 06.3 LAT = 0.6 S LONG= 99.6 E DEPTH= 54 KM MAGNITUDE= 5.3 SOUTHERN SUMATRA										
GRF	-E Z BE	P	06 03 59.3	1.2	1.73	2	9940	89.4	91.6	319.5
APR 27 ERL H= 06 44 29.7 LAT = 13.4 N LONG= 120.4 E DEPTH= 56 KM MAGNITUDE= 5.2 MINDORO, PHILIPPINE ISLANDS										
GRF	E Z BE	P	06 57 34.4			1	10220	91.9	66.8	322.2
FUR	-E Z SL	P	06 57 41.-	1.9	1.66	3	10280	92.4	66.9	320.7
	+E Z SL	-	06 57 47.-	2.0	1.81	6				
	Z SL	RM	07 42 00.-	17.0	3.42					
APR 27 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	10 50 27.-	2.0	2.03					
APR 27 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	12 51 10.0							
APR 27 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	12 59 58.9							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 27										
NO DETERMINATION OF EPICENTER										
GRF	-E Z BE	P	14 50 23.4			2				
FUR	+I Z SL	-	14 50 27.-	2.0	1.94	2				
	-I Z SL	-	14 50 33.-	1.5	1.45	1				
APR 27										
NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	P	15 48 47.-	1.9	2.04	6				
	-I Z SL	-	15 48 56.-	1.7	1.54	6				
	+I Z SL	-	15 49 08.-	2.0	1.88	4				
APR 27 ERL										
H= 19 20 51.6										
LAT = 24.1 N										
LONG= 122.5 E										
DEPTH= 15 KM										
MAGNITUDE= 5.6										
TAIWAN REGION										
HOF	-I Z SL	-	19 33 46.-	1.5	2.09	5	9340	84.0	59.3	322.9
	-E Z SL	-	19 33 55.-	1.5	1.99	4				
GRF	+E Z BE	P	19 33 26.6	1.2	1.94	3	9420	84.7	58.8	322.6
FUR	+I Z SL	P	19 33 31.-	1.3	1.20	9	9500	85.4	58.7	321.2
	-I Z SL	XP	19 33 41.-	1.9	2.07	3				
	+I Z SL	XPCP	19 33 45.-	1.5	1.78	3				
	-I Z SL	-	19 33 54.-	1.9	2.00	9				
	N SL	RM	20 17 20.-	17.0	3.47					
BNS	+E Z FS	P	19 33 33.3				9580	86.2	55.9	325.0
BUH	-E Z GT	P	19 33 37.0				9660	86.9	56.6	322.8
APR 27 ERL										
H= 19 42 14.5										
LAT = 23.2 S										
LONG= 179.1 E										
DEPTH=574 KM										
MAGNITUDE= 5.2										
SOUTH OF FIJI ISLANDS										
HOF	-E Z SL	PKHKP	20 01 03.-	1.5	2.09	5	16810	151.1	25.0	342.9
BNS	-I Z FS	PKP	20 01 04.7	1.0	1.48		16860	151.6	15.8	349.2
	E Z FS	-	20 01 14.0							
GRF	E Z BE	PKP	20 00 58.4			1	16890	151.9	24.2	343.1
	-I Z BE	-	20 01 05.6	0.8	1.61	3				
	E Z BE	-	20 01 18.3			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	PKHKP	20 01 08.-	1.3	1.68	6	17040	153.3	25.6	341.7
	+I Z SL	PKP2	20 01 25.-	1.5	2.06	9				
BUH	E Z GT	PKP	20 01 00.5				17080	153.6	19.2	346.3
APR 27 ERL										
H= 22 45 32.5										
LAT = 13.3 N										
LONG= 120.5 E										
DEPTH= 49 KM										
MAGNITUDE= 4.7										
MINDORO, PHILIPPINE ISLANDS										
GRF	E Z BE	P	22 58 37.8			2	10230	92.0	66.9	322.2
APR 28 ERL										
H= 00 52 56.8										
LAT = 31.3 N										
LONG= 84.9 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.1										
TIBET										
GRF	-E Z BE	P	01 02 41.2			3	6310	56.7	79.5	311.8
FUR	-I Z SL	P	01 02 43.-	1.3	1.75	7	6330	57.0	78.6	310.0
BUH	E Z GT	P	01 02 55.2				6540	58.8	76.9	311.1
APR 28										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	06 33 17.9							
APR 28										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PN	07 59 47.0			1				
	I Z BE	PG	07 59 53.3			9				
	-E N BE	SG	08 00 22.3			2				
HOF	-I Z SL	-	08 00 00.-	1.5	1.86	3				
FUR	+I Z SL	-	08 00 23.-	1.5	1.08	3				
	Z SL	MAXIMUM	08 02 10.-	1.5	1.60					
APR 28 ERL										
H= 11 30 18.1										
LAT = 17.0 N										
LONG= 94.8 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.4										
BURMA										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
GRF	E Z BE	P	11 41 47.5			2	8130	73.1	83.5 317.6
	E Z BF	AP	11 41 55.1			2			
FUR	-I Z SL	P	11 41 55.-	1.7	1.85	9	8140	73.2	83.1 316.0
	+I Z SL	PCP	11 42 07.-	2.0	1.88	2			
	+E Z SL	APCP	11 42 19.-	2.0	1.88	4			

APR 28
NO DETERMINATION OF EPICENTER

HOF	-E Z SL	-	16 02 45.-	1.0	1.75	3			

APR 28 ERL
H= 23 32 10.2
LAT = 5.1 S
LONG= 154.2 E
DEPTH=409 KM
MAGNITUDE= 6.0
SOLOMON ISLANDS

BRN	E Z ET	PP	23 52 02.-			2	13670	122.9	48.3 332.7
HAM	E Z SX	PKP	23 50 22.-			7	13750	123.7	44.3 335.2
	E N WI	SKS	23 56 52.-			4			
HLG	- Z SL	P	23 47 00.-			3	13780	124.0	41.7 336.9
	Z SL	PKP	23 50 22.0			3			
HOF	-E Z SL	PKP1	23 50 24.-	2.0	2.20	5	13900	125.0	47.9 331.5
	-I Z SL	-	23 50 26.-	1.0	2.45	3			
	+I Z SL	-	23 50 31.-	1.5	2.56	3			
	-E Z SL	APKP	23 52 06.-	1.5	2.09	5			
	-I Z SL	PP	23 52 25.-	3.0	3.25	9			
	+E Z SL	APP	23 53 46.-	3.0	2.79	2			
	+I Z SL	PKS	23 54 02.-	3.0	3.11	9			
	+E Z SL	PPP	23 55 00.-	4.0	3.02	9			
	-E Z SL	SP	00 01 42.-	6.0	3.54	5			
	+E Z SL	-	00 03 07.-	8.0	4.02	8			
	Z SL	RM	00 46 20.-	20.0	2.98				
GRF	E Z BE	PKP	23 50 20.0			1	13980	125.7	47.6 331.2
	E Z BE	-	23 50 25.0			2			
	E Z BE	-	00 00 05.6	1.3	1.09	4			
TNS	2I N SL	PKP	23 50 50.0			5	14080	126.6	44.3 333.3
	E SL	PP	23 53 44.-			3			
	2E Z SL	PPP	23 57 00.0			5			
	E E SL	SKS	00 03 20.0			9			
	2E E SL	SS	00 11 42.0			6			
BNS	-E Z SL	P	23 47 10.-				14080	126.6	42.5 334.6
	E Z SL	-	23 48 41.-						
	-I Z SL	PKP	23 50 26.-						
	E Z FS	-	23 50 27.-	1.2	2.38				
	+E Z SL	PP	23 52 00.-						
	E Z SL	-	00 01 46.-						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
	I Z SL	-	00 03 26.-						
	Z SL	-	00 43 00.-	20.0					
FUR	+I Z SL	PKP1	23 50 25.-	1.7	1.61	4	14090	125.7	48.5 329.8
	+I Z SL	-	23 50 29.-	1.5	2.28	9			
	-I Z SL	APKP	23 52 00.-	1.8	2.17	4			
	-I Z SL	PP	23 52 32.-	3.0	3.24	4			
	Z SL	RM	00 50 40.-	14.0	3.68				
STU	1E Z SL	PKP	23 50 26.0	12.0	3.45	5	14160	127.3	45.9 331.5
KRL	+E Z ST	-	23 50 31.0	1.2		3	14180	127.5	44.9 332.2
BUH	E Z GT	PKP	23 50 21.2				14210	127.8	44.8 332.0
	+I Z GT	PKP	23 50 28.8						

APR 29
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	05 07 58.-	1.5	1.72	3			
	+E Z SL	-	05 08 25.-	1.8	1.65	2			

APR 29 ERL
H= 08 16 45.2
LAT = 33.7 N
LONG= 141.1 E
DEPTH= 52 KM
MAGNITUDE= 4.8
OFF EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	08 29 22.1	1.2	1.70	2	9550	85.8	39.9 330.0
	E Z BE	-	08 29 35.0			2			

APR 29
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	09 36 56.4			1			
	E Z JM	PG	09 37 01.6			1			
	E N BE	SN	09 37 31.0			1			
	E N BE	SG	09 37 40.0			1			

APR 29
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	12 26 03.2			2			
	E Z BE	PG	12 26 15.4			1			
	E N BE	SN	12 26 29.3			1			
	E N BE	SG	12 26 47.5						
HOF	-E Z SL	-	12 26 29.-	1.5	1.86	3			
	+E Z SL	-	12 26 35.-	1.5	2.17	3			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 29 ERL H= 16 04 21.1 LAT = 28.3 N LONG= 53.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 SOUTHERN IRAN										
GRF	E Z BE	P	16 11 40.5	0.7	1.26	2	4250	38.2	108.3	315.6
APR 29 ERL H= 18 29 38.3 LAT = 34.8 N LONG= 24.6 E DEPTH= 47 KM MAGNITUDE= 5.1 CRETE										
APR 29 BCS H= 18 29 39.0 LAT = 34.7 N LONG= 24.7 E CRETE										
FUR	+I Z SL	P	18 33 29.-	1.4	1.59	7	1850	16.6	138.4	327.3
	+I Z SL	-	18 33 31.-	1.3	2.45	7				
	+I Z SL	S	18 36 19.-	1.7	1.77	3				
	+I Z SL	SSS	18 36 55.-	2.0	1.99	2				
	Z SL	RM	18 41 14.-	13.0	3.30					
GRF	E Z BE	P	18 33 44.1	0.6	1.21	2	1980	17.8	141.4	330.5
	+I Z BE	-	18 33 45.5			4				
STU	+E Z BE	P	18 33 45.6	0.6	1.82	2	2010	18.0	135.0	325.3
HOF	-E Z SL	P	18 33 49.-	1.5	2.09	1	2010	18.1	144.2	332.9
	-I Z SL	AP	18 33 56.-	1.5	2.09	5				
	+E Z SL	PP	18 34 09.-	1.5	2.09	1				
BUH	-E Z GT	P	18 33 51.2				2050	18.4	132.7	323.7
TNS	E Z SL	P	18 34 04.0			3	2160	19.4	136.4	327.4
ENS	+I Z FS	P	18 34 14.8	1.3	2.00		2280	20.5	135.2	327.2
	E Z SL	LR	18 43 00.-							
	Z SL	-	18 43 40.-	16.0						
HAM	+I Z SX	P	18 34 22.9			9	2370	21.3	145.0	335.4
APR 29 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	18 41 52.4	1.2	1.52	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 30 ERL H= 00 13 26.3 LAT = 13.3 N LONG= 120.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 MINDORO, PHILIPPINE ISLANDS										
GRF	E Z BE	P	00 26 34.4			1	10230	92.0	66.9	322.1
	E Z BE	-	00 26 47.5			1				
FUR	-I Z SL	P	00 26 37.-	2.0	1.99	9	10290	92.5	67.0	320.7
	+I Z SL	XPCP	00 26 51.-	1.9	1.86	4				
	-E Z SL	-	00 26 56.-	1.9	1.91	9				
APR 30 ERL H= 10 33 45.0 LAT = 35.1 N LONG= 23.8 E DEPTH= 81 KM MAGNITUDE= 4.3 CRETE										
GRF	E Z BE	P	10 37 42.7			1	1920	17.3	143.1	331.6
APR 30 ERL H= 15 15 34.3 LAT = 13.5 N LONG= 120.5 E DEPTH= 56 KM MAGNITUDE= 5.5 MINDORO, PHILIPPINE ISLANDS										
HOF	-I Z SL	P	15 28 36.-	1.5	1.85	3	10140	91.2	67.2	322.6
GRF	E Z BE	P	15 28 38.6	1.2	1.82	2	10210	91.8	66.7	322.2
	E Z BE	PP	15 32 25.2			1				
FUR	+I Z SL	P	15 28 41.-	1.6	1.03	9	10280	92.4	66.8	320.8
	+I Z SL	-	15 28 49.-	2.0	2.29	2				
	-I Z SL	APCP	15 28 52.-	1.5	1.86	2				
	-I Z SL	AP	15 28 55.-	2.0	2.33	4				
	+I Z SL	APP	15 32 35.-	2.3	2.62	8				
	+I Z SL	XPP	15 32 39.-	2.5	2.68	5				
STU	-E Z BE	P	15 28 45.5	1.2	1.94	3	10390	93.4	65.2	321.9
BUH	E Z GT	P	15 28 48.5				10460	94.0	64.4	322.1

APR 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
APR 30 ERL H= 16 07 08.6 LAT = 13.6 N LONG= 120.5 E DEPTH= 66 KM MAGNITUDE= 5.3 MINDORO, PHILIPPINE ISLANDS										
GRF	E Z BE	P	16 20 11.2			1	10200	91.8	66.7	322.2
FUR	-I Z SL	P	16 20 15.-	1.7	1.77	9	10270	92.3	66.8	320.8
MAY 01 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	06 25 29.-	1.6	1.53	8				
MAY 01 ERL H= 10 34 24.3 LAT = 32.7 S LONG= 178.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 SOUTH OF KERMADEC ISLANDS										
GRF	E Z BE	PKP	10 55 08.2			1	17970	161.6	26.6	339.8
MAY 01 ERL H= 17 23 11.5 LAT = 28.0 N LONG= 142.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 BONIN ISLANDS REGION										
GRF	E Z BE	P	17 36 17.4			2	10170	91.5	41.5	330.9
	E Z BE	-	17 36 28.1			2				
FUR	-E Z SL	P	17 36 19.-	1.5	1.51	8	10300	92.6	41.5	329.9
	+E Z SL	APCP	17 36 25.-	1.9	1.74	2				
MAY 01 ERL H= 19 45 57.5 LAT = 4.4 S LONG= 103.1 E DEPTH= 90 KM MAGNITUDE= 5.4 SOUTHERN SUMATRA										
GRF	E Z BE	P	19 59 09.9			1	10510	94.5	91.4	319.4

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 02 ERL H= 00 58 21.3 LAT = 73.4 N LONG= 7.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 GREENLAND SEA										
GRF	E Z BE	P	01 03 35.8			1	2660	23.9	357.2	173.5
FUR	+I Z SL	P	01 03 52.-	1.8	1.78	8	2830	25.4	357.3	173.6
MAY 02 ERL H= 03 10 24.1 LAT = 5.6 N LONG= 124.6 E DEPTH=387 KM MAGNITUDE= 5.2 MINDANAO, PHILIPPINE ISLANDS										
GRF	E Z BE	PP	03 27 45.9			1	11180	100.6	68.3	322.7
MAY 02 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	05 01 12.3							
MAY 02 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	05 27 49.-	1.6	1.48	2				
MAY 02 ERL H= 06 56 23.4 LAT = 5.2 N LONG= 100.3 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.8 EAST CENTRAL PACIFIC OCEAN										
HLG	Z X	P	07 09 48.-			1	10710	96.3	287.9	34.2
BNS	E Z FS	P	07 09 22.4	2.0	1.85		10770	96.9	286.9	37.4
	E Z SL	LR	07 41 42.-	48.0						
	Z SL	-	07 47 00.-	24.0						
GRF	E Z BE	P	07 10 05.8	1.2	1.82	2	11090	99.7	290.0	37.8
	E Z BE	PP	07 14 03.-			1				
FUR	+I Z SL	PP	07 14 10.-	1.9	1.86	4	11150	100.3	289.8	39.2
	-I Z SL	APP	07 14 20.-	2.0	2.36	3				
	+E Z SL	XPP	07 14 26.-	2.3	2.37	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 02										
NO DETERMINATION OF EPICENTER										
HLG	+I Z X	-	11 47 21.0			1				
MAY 02										
NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	13 26 48.-	1.6	1.48	2				
	-E Z SL	-	13 27 03.-	1.7	1.54	2				
MAY 02										
NO DETERMINATION OF EPICENTER										
GRF	-I Z JM	PN	14 21 44.2			2				
	E Z JM	PG	14 21 50.9			2				
	E N GT	SN	14 22 13.4			1				
	E N GT	SG	14 22 20.4			1				
MAY 02										
NO DETERMINATION OF EPICENTER										
GRF	E Z BF	P	17 05 31.6	0.8	1.11	1				
MAY 02 ERL										
H= 19 15 01.8										
LAT = 37.2 N										
LONG= 116.2 W										
DEPTH= 20 KM										
MAGNITUDE= 5.0										
SOUTHERN NEVADA										
GRF	E Z BE	P	19 27 21.9			1	9100	81.8	320.1	31.4
MAY 03 ERL										
H= 04 49 06.8										
LAT = 51.4 N										
LONG= 179.2 W										
DEPTH= 56 KM										
MAGNITUDE= 5.3										
ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	E Z BF	P	05 01 05.9	0.8	1.41	1	8770	78.8	6.6	353.1
MAY 03 ERL										
H= 07 41 31.2										
LAT = 51.0 N										
LONG= 179.3 W										
DEPTH= 30 KM										
MAGNITUDE= 3.8										
ANDREANOF ISLANDS, ALEUTIAN IS.										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	N SL	RM	08 38 00.-	11.0	3.04		8980	80.8	6.7	352.9
MAY 03										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	08 01 22.2							
MAY 03										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	08 44 28.0							
MAY 03 NFB										
H= 17 25 01.7										
LAT = 50.6 N										
LONG= 7.3 E										
DEPTH= 0 KM (GEOPHYSICIST)										
GERMANY										
NFB= QUARRYBLAST AT MEHRBERG, SHOTPOINT NO. 14										
H= 17 25 01.66, 50 DEG. 36 MIN. 33 SEC. N, 7 DEG. 17 MIN. 48 SEC. E,										
HEIGHT= 370 METERS, CHARGE= 2.65 TONS										
BNS	E Z FS	PG	17 25 09.5				40	0.4	167.8	347.9
	E N X	SG	17 25 16.-							
MAY 04										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	01 16 04.9							
MAY 04 ERL										
H= 03 50 28.9										
LAT = 33.5 N										
LONG= 141.0 E										
DEPTH= 45 KM										
MAGNITUDE= 5.5										
OFF EAST COAST OF HONSHU, JAPAN										
HOF	-I Z SL	APCP	04 03 23.-	2.0	2.50	5	9480	85.2	40.6	330.1
GRF	+E Z BE	P	04 03 06.3	1.5	2.27	2	9560	86.0	40.1	330.0
BNS	E Z FS	P	04 03 09.5	1.5	1.48		9630	86.6	37.1	332.8
FUR	-E Z SL	P	04 03 13.-	2.0	2.26	2	9690	87.1	40.0	329.0
	+E Z SL	AP	04 03 25.-	1.5	1.38	3				
	-I Z SL	XP	04 03 28.-	2.0	2.24	4				
	-I Z SL	-	04 03 37.-	2.0	2.33	4				
BUH	E Z GT	P	04 03 16.1				9790	88.0	37.9	330.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 04 ERL H= 04 11 35.0 LAT = 10.7 S LONG= 113.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.8 SOUTH OF JAVA										
GRF	E Z BE	PKP	04 30 08.0			1	11810	106.2	87.5	318.7
FUR	-E Z SL	PP	04 30 04.-	1.9	1.66	5	11810	106.2	88.0	317.1
	+E Z SL	APP	04 30 13.-	1.5	1.54	2				
	-E Z SL	XPP	04 30 20.-	2.0	1.99	2				
MAY 04 ERL H= 04 59 24.4 LAT = 28.3 N LONG= 52.4 E DEPTH= 52 KM SOUTHERN IRAN										
GRF	E Z BE	P	05 06 43.0			1	4210	37.8	108.8	315.8
MAY 04 ERL H= 07 48 17.2 LAT = 15.9 S LONG= 167.5 E DEPTH= 45 KM MAGNITUDE= 6.1 NEW HEBRIDES ISLANDS										
NOS= 2 INJURED, AND MINOR DAMAGE (VI) IN SANTO AREA. MAG. 6.6 (PAS).										
BRN	I Z ET	PKP	08 07 40.0			5	15380	138.3	38.8	336.5
	I Z ET	APKP	08 07 51.0			2				
	E Z ET	PP	08 10 44.3			2				
HAM	E Z SX	PKP	08 07 38.-			1	15410	138.6	33.7	339.8
HLG	I Z X	PKP	08 07 39.5			3	15420	138.6	30.5	342.0
	Z SL	PP	08 10 22.-			3				
HOF	-I Z SL	PKP1	08 07 33.-	3.0	2.82	9	15620	140.5	38.6	335.5
	+I Z SL	-	08 07 43.-	2.0	3.15	4				
	-I Z SL	APKP	08 07 45.-	2.0	3.15	5				
	-I Z SL	PP	08 10 38.-	3.5	3.09	9				
	+I Z SL	XPP	08 10 51.-	2.8	3.15	6				
	+I Z SL	-	08 10 57.-	9.5	3.83	5				
	+I Z SL	-	08 15 54.-	6.0	3.31	9				
	Z SL	RM	09 04 20.-	27.0	4.61					
GRF	E Z BE	PKHKP	08 07 39.0			2	15700	141.2	38.1	335.4
BNS	+I Z SL	PKP	08 07 36.0	20.0			15750	141.6	31.4	339.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-E Z FS	-	08 07 39.4	1.4	2.64					
	E Z SL	PP	08 10 52.-							
	E Z SL	LR	08 54 40.-	60.0						
	Z SL	-	09 07 00.-	23.0						
FUR	+I Z SL	PKP1	08 07 41.-	3.0	3.45	9	15830	142.4	39.4	333.8
	-I Z SL	XPKP	08 07 58.-	2.0	3.05	9				
	-I Z SL	PP	08 10 42.-	2.0	3.11	9				
	+I Z SL	PKS	08 11 10.-	4.0	3.66	6				
	+I Z SL	PKKS	08 19 28.-	4.5	3.27	1				
	+I Z SL	PPP	08 22 31.-	6.5	3.54	9				
	+E Z SL	PKPPKS	08 28 34.-	8.0	3.20	2				
	+E Z SL	SSP	08 29 43.-	8.0	3.22	2				
STU	AE Z BE	PKP	08 07 40.0	0.9	2.78	1	15870	142.7	36.0	336.2
	+E Z SL	PP	08 10 44.5							
KRL	-E Z ST	PKP	08 07 45.0	1.1		4	15880	142.8	34.6	337.1
BUH	-I Z GT	PKP	08 07 45.4				15920	143.2	34.6	337.0
MAY 04 ERL H= 09 09 34.8 LAT = 21.6 S LONG= 173.9 W DEPTH= 22 KM MAGNITUDE= 5.0 TONGA ISLANDS										
GRF	E Z BE	PKP	09 29 31.0			1	16850	151.6	10.1	353.0
FUR	+I Z SL	PKHKP	09 29 32.-	2.0	2.03	5	17030	153.1	10.7	352.3
	-I Z SL	PKP2	09 29 45.-	2.2	2.25	6				
	-I Z SL	APKP	09 29 55.-	2.0	2.21	3				
	-I Z SL	XPKP	09 30 00.-	1.5	1.60	2				
MAY 04 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	17 16 02.4			1				
MAY 04 ERL H= 17 39 52.4 LAT = 41.6 N LONG= 142.8 E DEPTH= 50 KM MAGNITUDE= 4.5 HOKKAIDO, JAPAN REGION										
GRF	E Z BE	P	17 52 01.3			1	8850	79.6	34.8	330.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 04 ERL H= 21 40 00.9 LAT = 35.1 N LONG= 23.6 E DEPTH= 46 KM MAGNITUDE= 5.9 CRETE										
MAY 04 BCS H= 21 40 03.0 LAT = 35.2 N LONG= 23.6 E DEPTH= 35 KM CRETE										
BCIS= FELT ON CRETE. (LJU).										
FUR	+I Z SL	P	21 43 40.-	2.0	2.11	9	1770	15.9	140.4	328.6
	+I Z SL	-	21 43 42.-	1.5	2.84	9				
	Z SL	QM	21 49 30.-	6.0	4.72					
GRF	E Z BE	P	21 43 55.2	1.3	2.27	1	1910	17.2	143.4	331.8
	+I Z BE	PP	21 44 00.9			4				
STU	AI Z BE	P	21 43 58.9	1.0	3.15	3	1920	17.3	136.7	326.4
HOF	+E Z SL	P	21 43 59.-	3.0	3.31	9	1940	17.4	146.2	334.2
	-I Z SL	AP	21 44 03.-	3.5	4.22	9				
	-I Z SL	S	21 47 19.-	5.0	4.24	9				
	Z SL	QM	21 50 35.-	7.0	4.72					
BUH	E Z GT	P	21 44 01.5				1970	17.7	134.3	324.6
	-I Z GT	P	21 44 05.9							
	E Z GT	-	21 47 26.6							
KRL	+I Z WH	P	21 44 17.0	3.4		9	1980	17.8	135.4	325.7
	-I Z WH	S	21 47 30.0	4.0						
TNS	1I Z SL	P	21 44 18.5			9	2080	18.7	138.0	328.4
	2I Z SL	PP	21 44 34.0			9				
	E Z SL	PPP	21 44 57.0			9				
	2I Z SL	S	21 47 46.5			9				
	E E SL	SS	21 48 43.0			9				
BRN	I Z ET	P	21 44 18.7			9	2090	18.8	152.7	339.9
	E Z ET	PP	21 44 34.-			2				
	E Z ET	PPP	21 44 43.-			1				
BNS	+I Z FS	P	21 44 29.5	1.5	3.16		2200	19.8	136.8	328.1
	+I Z SL	-	21 44 30.-	11.0						
	I Z FS	-	21 44 48.0	3.0	3.83					
	I Z SL	S	21 48 11.-							
	E Z SL	LR	21 50 40.-	35.0						
	Z SL	-	21 53 30.-	16.0						
BOC	+I Z B4	P	21 44 33.7	0.8	3.43	6	2240	20.2	137.8	329.2
	-I E B4	S	21 48 14.0	4.5	4.51	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HAM	+I Z SX	P	21 44 38.9			9	2300	20.7	146.8	336.4
	E E WI	S	21 48 26.-			9				
HLG	Z X	P	21 44 50.9				2450	22.0	143.6	334.8
	+I Z SL	P	21 44 51.7			9				
MAY 05 ERL H= 10 16 11.1 LAT = 23.0 N LONG= 121.5 E DEPTH= 55 KM MAGNITUDE= 5.2 TAIWAN										
HOF	Z SL	RM	11 11 10.-	14.0	3.58		9380	84.3	60.7	322.6
GRF	E Z BE	P	10 28 42.4	1.4	2.10	1	9450	85.0	60.2	322.3
FUR	+I Z SL	P	10 28 46.-	1.5	1.90	7	9530	85.7	60.1	321.0
	-I Z SL	-	10 28 52.-	1.9	2.13	9				
	+I Z SL	APCP	10 28 59.-	1.5	1.56	2				
	+I Z SL	XPCP	10 29 07.-	1.5	1.60	2				
	N SL	RM	11 12 30.-	17.0	3.43					
BNS	E Z FS	P	10 28 49.0	1.2	1.43		9620	86.5	57.2	324.8
	E Z FS	-	10 28 56.4							
MAY 05 ERL H= 23 16 27.9 LAT = 4.2 S LONG= 152.7 E DEPTH= 32 KM MAGNITUDE= 5.6 NEW BRITAIN REGION										
NOS= MINOR DAMAGE IN RABAUL AREA. MAG. 6.3 (PAS).										
HAM	E Z SX	PKP	23 35 23.-			2	13590	122.2	45.5	334.7
HLG	Z SL	PKP	23 36 00.-			1	13620	122.5	43.0	336.3
HOF	+E Z SL	PKP1	23 35 25.-	1.5	1.86	2	13730	123.4	49.1	331.0
	-E Z SL	APKP	23 35 33.-	1.9	2.18	5				
	+E Z SL	PP	23 37 09.-	6.0	3.41	5				
	+E Z SL	PPP	23 39 48.-	2.0	2.46	9				
	+I Z SL	-	23 39 54.-	5.0	3.28	7				
	-E Z SL	-	23 41 45.-	7.0	3.23	9				
	-E Z SL	-	23 48 41.-	7.0	3.08	9				
	Z SL	RM	00 33 15.-	20.0	4.30					
GRF	E Z BE	PKP	23 35 26.8	0.8	1.28	2	13810	124.2	48.7	330.7
	E Z BE	PP	23 37 17.6			1				
	E Z BE	-	23 37 41.0			2				
FUR	+I Z SL	PKP1	23 35 28.-	1.7	1.94	8	13910	125.1	49.5	329.3
	+I Z SL	-	23 35 35.-	2.0	2.33	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	XPKP	23 35 44.-	1.7	2.07	3				
	-I Z SL	-	23 36 11.-	2.0	2.21	5				
	+I Z SL	-	23 37 16.-	2.4	2.57	3				
	+I Z SL	PP	23 37 23.-	2.5	2.61	3				
	+I Z SL	APP	23 37 30.-	4.5	3.37	5				
	-E Z SL	-	23 40 06.-	7.4	3.44	5				
	N SL	OM	00 20 00.-	27.0	4.50					
BNS	E Z FS	PKP	23 35 22.5	2.0	1.85		13920	125.1	43.7	334.0
	E Z SL	-	23 37 20.-							
STU	+E Z BF	PKP	23 35 28.2	1.0	2.04	2	13980	125.8	47.0	331.0
BUH	+E Z GT	PKP	23 35 30.5				14040	126.3	46.0	331.4

MAY 05
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	23 49 04.-	1.7	2.03	4				
	+I Z SL	-	23 49 13.-	1.5	2.00	4				

MAY 06 ERL
H= 03 25 25.3
LAT = 20.9 S
LONG= 179.0 W
DEPTH=615 KM
MAGNITUDE= 4.5
FIJI ISLANDS REGION

GRF	E Z BE	PKP	03 44 18.1			1	16700	150.2	19.4	346.7

MAY 06
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	04 49 11.-	1.9	1.43	3				
	-E Z SL	-	04 49 28.-	1.9	1.74	6				

MAY 06
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	15 06 38.0			1				

MAY 06 ERL
H= 17 49 57.0
LAT = 35.9 N
LONG= 141.1 E
DEPTH= 35 KM
MAGNITUDE= 4.7
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	18 02 25.0			1	9330	83.9	38.8	329.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 07 ERL
H= 06 36 03.0
LAT = 40.2 N
LONG= 78.9 E
DEPTH= 31 KM
MAGNITUDE= 4.8
SOUTHERN SINKIANG PROV., CHINA

GRF	E Z BE	P	06 44 37.0			1	5270	47.4	74.5	305.2

MAY 07 BCS
H= 09 17 19.0
LAT = 44.7 N
LONG= 6.8 E
FRANCE

BUH	E Z GT	P	09 18 19.5				450	4.0	194.6	13.5

MAY 07 BCS
H= 14 43 44.0
LAT = 43.1 N
LONG= 17.8 E
YUGOSLAVIA

MAY 07 ERL
H= 14 43 49.9
LAT = 43.3 N
LONG= 17.6 E
DEPTH= 57 KM
MAGNITUDE= 4.4
YUGOSLAVIA

FUR	+E Z SL	PN	14 45 31.-	1.7	1.26	3	760	6.8	135.5	320.2
	-E Z SL	PB	14 45 46.-	1.5	1.30	2				
	+I Z SL	PG	14 46 19.-	1.8	1.87	3				
	-I Z SL	SN	14 46 48.-	1.5	1.56	3				
	+I Z SL	SB	14 47 08.-	1.5	1.75	2				
	+I Z SL	SG	14 47 26.-	2.0	2.03	3				
	Z SL	MAXIMUM	14 48 00.-	1.7	2.03					
GRF	E Z BE	P	14 45 42.6			2	890	8.0	142.9	327.7
	E Z BE	-	14 45 49.4			1				
	E E BE	S	14 47 10.0			1				
STU	E Z BE	P	14 45 46.7	0.7	1.59	2	920	8.3	130.2	316.4
BUH	E Z GT	P	14 45 50.7				970	8.7	126.3	313.2
BNS	E Z FS	-	14 48 20.3	1.1	1.30		1190	10.7	133.3	321.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 07 ERL H= 16 39 41.8 LAT = 4.8 S LONG= 153.8 E DEPTH=103 KM MAGNITUDE= 5.5 NEW IRELAND REGION										
GRF	E Z BE	APKP	16 59 13.0			1	13930	125.2	47.9	331.1
FUR	+E Z SL	PKP1	16 58 33.-	1.6	1.15	2	14040	126.2	48.8	329.7
	+E Z SL	APKP	16 59 04.-	2.0	1.73	3				
	+E Z SL	XPKP	16 59 15.-	2.0	1.88	2				
	-I Z SL	PP	17 00 36.-	1.5	1.64	9				
	-E Z SL	PPP	17 03 16.-	1.5	1.51	2				
	E SL	QM	17 45 00.-	19.0	2.94					
MAY 07 ERL H= 22 06 30.1 LAT = 53.7 S LONG= 134.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 SOUTH PACIFIC CORDILLERA										
BUH	E Z GT	PKP	22 26 25.6				17360	156.1	243.6	86.8
KRL	+E Z WH	PKP2	22 26 26.0	1.1		2	17390	156.4	244.3	86.2
BNS	+E Z FS	PKP	22 26 25.3				17400	156.4	248.2	80.9
	E Z FS	-	22 26 52.0	2.4	2.00					
	E Z SL	-	22 41 05.-							
	Z SL	-	23 22 00.-	48.0						
FUR	+E Z SL	PKP1	22 26 24.-	1.8	1.34	3	17540	157.7	242.6	90.3
	-I Z SL	APKP	22 26 36.-	2.0	2.18	3				
	-I Z SL	PKHKP	22 26 41.-	2.0	2.33	9				
	-I Z SL	PKP2	22 27 02.-	2.0	2.40	5				
	-I Z SL	PP	22 30 43.-	1.8	2.53	9				
GRF	E Z BE	PKP	22 26 22.8			1	17610	158.3	246.0	86.6
	E Z BE	PKP2	22 27 03.8			3				
	E E BE	PP	22 30 46.-			1				
HOF	+E Z SL	PKP1	22 26 28.-	2.0	1.98	2	17680	159.0	247.6	85.5
	+E Z SL	XPKP	22 26 43.-	2.6	2.33	3				
	-I Z SL	-	22 26 58.-	3.0	2.56	7				
	+E Z SL	APKP	22 27 08.-	3.0	2.89	9				
	-E Z SL	-	22 27 31.-	3.0	2.41	5				
	+E Z SL	PP	22 30 47.-	6.0	3.19	9				
	+E Z SL	-	22 31 25.-	4.0	2.85	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 08 ERL H= 06 18 57.8 LAT = 1.1 S LONG= 138.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.7 NEAR N. COAST OF WEST NEW GUINEA										
GRF	E Z BE	PKP	06 38 34.4			1	12680	114.0	60.7	325.5
MAY 08 ERL H= 08 58 06.0 LAT = 40.9 N LONG= 23.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 GREECE										
FUR	+E Z SL	SS	09 03 28.-	1.4	1.45	2	1260	11.4	125.3	313.9
	-E Z SL	SSS	09 03 38.-	2.0	1.81	3				
	Z SL	QM	09 05 45.-	6.0	2.69					
MAY 08 ERL H= 09 20 54.5 LAT = 41.6 N LONG= 23.5 E DEPTH= 10 KM MAGNITUDE= 5.0 GREECE-BULGARIA BORDER REGION										
MAY 08 BCS H= 09 20 56.0 LAT = 41.6 N LONG= 23.7 E GREECE-BULGARIA BORDER REGION BCIS= FELT IN JUGOSLAVIA-BULGARIA BORDER REGION (LJU).										
FUR	-I Z SL	P	09 23 33.-	1.3	1.68	6	1210	10.9	122.4	311.1
	-I Z SL	-	09 23 37.-	2.0	1.99	9				
	+I Z SL	PP	09 23 41.-	1.3	1.90	3				
	+I Z SL	-	09 23 57.-	1.5	1.60	2				
	-I Z SL	-	09 24 23.-	1.3	1.94	2				
	+I Z SL	S	09 25 24.-	1.5	1.83	9				
	+I Z SL	-	09 26 04.-	1.6	1.97	4				
	Z SL	RM	09 28 10.-	6.0	3.55					
GRF	E Z BE	P	09 23 44.6			1	1310	11.8	128.5	317.3
HOF	+E Z SL	P	09 23 51.-	1.5	1.69	2	1320	11.9	132.6	320.9
	-E Z SL	S	09 26 01.-	1.5	1.69	2				
	-E Z SL	-	09 28 11.-	2.0	2.20	5				
	Z SL	QM	09 28 45.-	6.0	3.24					
STU	E Z BE	P	09 23 53.6	1.0	1.75	1	1370	12.4	119.9	310.1

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	09 24 02.0				1430	12.9	117.4	308.3
TNS	E Z SL	P	09 24 14.0			2	1510	13.5	123.6	314.5
	E E SL	S	09 27 13.0			4				
	E E SL	SS	09 27 54.0							
BNS	E Z FS	PN	09 24 25.5				1630	14.6	123.3	315.2
	E N X	SN	09 26 57.0							
	Z SL	-	09 30 45.-	10.0						

MAY 08 ERL
H= 16 15 16.7
LAT = 19.4 S
LONG= 176.3 W
DEPTH= 71 KM
MAGNITUDE= 5.4
FIJI ISLANDS REGION

HAM	E Z SX	PKP	16 34 51.-			3	16200	145.7	10.5	353.4
BNS	+I Z FS	PKP	16 34 58.5	1.8	1.90		16500	148.4	6.3	355.8
HOF	-I Z SL	PKP1	16 35 02.-	1.5	2.09	5	16510	148.5	14.9	349.9
	-E Z SL	PKHKP	16 35 08.-	2.0	2.20	5				
	+E Z SL	PKP2	16 35 11.-	1.5	2.17	6				
GRF	E Z BE	PKP	16 35 01.7			2	16590	149.2	14.0	350.4
STU	E Z BE	PKP	16 35 04.5	1.8	2.46	3	16720	150.4	10.6	352.6
BUH	-E Z GT	PKP	16 35 00.1				16750	150.6	8.8	353.8
FUR	+E Z SL	PKP1	16 35 04.-	1.4	1.86	2	16760	150.7	14.8	349.6
	-I Z SL	PKHKP	16 35 12.-	1.9	2.16	2				
	-I Z SL	PKP2	16 35 17.-	1.6	1.74	3				
	-I Z SL	APKP	16 35 26.-	2.0	2.31	3				
	-I Z SL	XPKP	16 35 48.-	2.4	2.50	4				

MAY 08
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	16 26 15.-	1.5	1.51	3				

MAY 08 ERL
H= 19 31 06.2
LAT = 53.0 N
LONG= 159.9 E
DEPTH= 30 KM
NEAR EAST COAST OF KAMCHATKA

GRF	E Z BE	P	19 42 43.2			2	8260	74.3	19.1	339.5

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 09 ERL
H= 05 03 40.8
LAT = 31.0 S
LONG= 179.9 W
DEPTH=370 KM
KERMADEC ISLANDS REGION

GRF	E Z BE	PKP	05 23 00.2			1	17740	159.5	28.3	339.0

MAY 09 ERL
H= 12 20 22.6
LAT = 17.8 S
LONG= 178.9 W
DEPTH=568 KM
MAGNITUDE= 5.8
FIJI ISLANDS REGION

HAM	E Z SX	PKP	12 38 54.-			7	15990	143.8	14.3	351.1
HOF	+I Z SL	PKP1	12 38 59.-	2.0	2.46	9	16280	146.4	18.7	347.5
	+I Z SL	PKHKP	12 39 01.-	2.0	3.24	6				
	+I Z SL	PKP2	12 39 05.-	2.6	2.77	9				
BNS	+I Z FS	PKP	12 38 59.3				16300	146.6	10.5	353.1
	+I Z FS	-	12 39 02.2	1.3	2.86					
TNS	1I Z SL	PKP	12 39 05.2			8	16360	147.1	12.9	351.3
GRF	E Z BE	PKP	12 39 00.6	1.3	2.02	2	16360	147.2	17.9	347.9
	+I Z BE	-	12 39 04.4			9				
KRL	+E Z ST	PKP	12 39 02.8	1.8		4	16490	148.3	13.3	350.9
STU	+E Z BE	PKP	12 39 02.6	1.3	2.38	2	16500	148.4	14.8	349.8
FUR	+I Z SL	PKP1	12 39 03.-	1.7	1.26	9	16520	148.6	18.8	346.9
	+I Z SL	PKP2	12 39 08.-	1.8	3.08	9				
	-I Z SL	-	12 39 26.-	2.0	2.21	8				
	-I Z SL	APKP	12 41 21.-	1.5	2.09	3				
BUH	+E Z GT	PKP	12 39 02.5				16530	148.7	13.1	350.9
	+E Z GT	PKP	12 39 07.4							
	E Z GT	PKP	12 39 13.5							

MAY 09
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	13 07 47.-	1.8	1.48	4				
	Z SL	MAXIMUM	13 08 20.-	1.6	1.63					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 09 ERL H= 13 09 59.0 LAT = 15.6 S LONG= 175.0 W DEPTH=267 KM MAGNITUDE= 5.4 TONGA ISLANDS										
BNS	-I Z FS	PKP	13 29 04.8	1.1	2.69		16080	144.6	3.7	357.6
	E Z FS	-	13 30 10.0							
HOF	-I Z SL	PKP1	13 29 05.-	2.4	2.85	9	16110	144.9	11.6	352.3
	-E Z SL	APKP	13 29 11.-	2.0	2.20	5				
GRF	E Z BE	PKP	13 29 07.6	1.1	2.57	2	16190	145.6	10.7	352.8
	E Z BE	APKP	13 30 14.2			2				
KRL	-E Z ST	PKP	13 30 16.5	1.5		3	16290	146.5	6.0	355.9
STU	E Z BE	PKP	13 29 09.0	1.0	2.43	1	16310	146.7	7.4	354.9
BUH	-E Z GT	PKP	13 29 11.6				16330	146.9	5.7	356.1
	E Z GT	PKP	13 30 15.6							
FUR	-I Z SL	PKP1	13 29 10.-	1.0	2.00	2	16350	147.1	11.2	352.2
	-I Z SL	PKHKP	13 29 12.-	1.5	2.24	9				
	-I Z SL	APKP	13 30 18.-	3.2	3.03	9				
	-I Z SL	-	13 30 25.-	1.5	2.00	9				
MAY 09 BCS H= 17 40 24.0 LAT = 39.5 N LONG= 26.4 E TURKEY										
MAY 09 ERL H= 17 40 25.1 LAT = 39.6 N LONG= 26.3 E DEPTH= 37 KM MAGNITUDE= 4.7 TURKEY										
FUR	-I Z SL	P	17 43 42.-	1.8	1.72	1	1550	13.9	122.9	313.4
	+E Z SL	PP	17 43 52.-	1.5	1.30	3				
	-E Z SL	-	17 44 07.-	2.0	1.73	5				
	Z SL	QM	17 49 50.-	11.0	3.71					
GRF	E Z BE	P	17 44 00.0			1	1650	14.8	127.7	318.4
HOF	Z SL	RM	17 50 15.-	10.0	3.63		1660	14.9	131.0	321.3
BUH	E Z GT	P	17 44 04.0				1770	15.9	118.4	311.1
	E Z GT	P	17 44 11.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 09 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	18 16 26.5							
	E Z GT	P	18 16 45.4							
MAY 10 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	04 46 56.6			1				
MAY 10 ERL H= 05 48 22.0 LAT = 4.1 S LONG= 150.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 NEW BRITAIN REGION										
FUR	-E Z SL	PKP1	06 07 20.-	1.5	1.30	1	13750	123.8	52.0	328.1
	-I Z SL	-	06 07 23.-	1.5	1.56	2				
	-E Z SL	PP	06 09 03.-	1.5	1.38	1				
MAY 10 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	14 02 16.6			1				
MAY 10 ERL H= 22 03 10.6 LAT = 0.2 S LONG= 122.3 E DEPTH= 59 KM MAGNITUDE= 5.7 NORTHERN CELEBES										
GRF	E Z BE	PP	22 21 25.-			1	11530	103.7	73.8	321.4
MAY 10 ERL H= 23 23 17.9 LAT = 48.1 N LONG= 153.1 E DEPTH= 96 KM MAGNITUDE= 4.6 KURIL ISLANDS										
GRF	E Z BE	P	23 35 02.8			1	8590	77.2	25.1	335.7

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 11 ERL H= 00 44 58.1 LAT = 42.8 N LONG= 144.5 E DEPTH= 68 KM MAGNITUDE= 5.5 HOKKAIDO, JAPAN REGION										
HAM	E Z SX	P	00 56 43.-			2	8510	76.5	32.6	334.0
HOF	+I Z SL	PCP	00 57 05.-	2.0	2.50	9	8730	78.5	33.6	331.2
	-I Z SL	APCP	00 57 12.-	2.0	2.50	9				
GRF	+I Z BE	P	00 56 58.6	0.7	1.85	3	8810	79.3	33.0	331.3
	E Z BE	AP	00 57 17.6			2				
	E Z BE	-	00 58 09.-			1				
BNS	I Z FS	P	00 56 59.0				8850	79.6	30.5	334.2
	I Z FS	-	00 57 18.4							
FUR	+I Z SL	P	00 57 05.-	1.3	2.16	9	8960	80.5	32.9	330.4
	+I Z SL	AP	00 57 22.-	1.2	2.17	3				
	+I Z SL	XP	00 57 37.-	1.5	1.56	9				
	N SL	RM	01 36 30.-	17.0	3.58					
STU	+E Z BE	P	00 57 05.9	0.9	1.95	3	8980	80.8	31.6	331.9
BUH	+E Z GT	P	00 57 07.9				9030	81.2	31.0	332.4
MAY 11 BCS H= 03 07 06.0 LAT = 37.9 N LONG= 21.1 E SOUTHERN GREECE										
MAY 11 ERL H= 03 07 11.7 LAT = 37.8 N LONG= 22.0 E DEPTH=127 KM SOUTHERN GREECE										
GRF	E Z BE	P	03 10 28.6	1.1	1.42	1	1530	13.8	145.2	332.1
MAY 11 ERL H= 03 48 50.7 LAT = 16.0 S LONG= 167.7 E DEPTH= 61 KM MAGNITUDE= 5.2 NEW HEBRIDES ISLANDS										
GRF	E Z BE	PKP	04 08 15.0			1	15720	141.4	37.9	335.5

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z BE	SKP	04 11 21.-			1				
FUR	-I Z SL	PKP1	04 08 22.-	1.5	1.56	3	15850	142.6	39.2	333.9
MAY 11 BCS H= 04 36 57.0 LAT = 36.8 N LONG= 24.7 E SOUTHERN GREECE										
GRF	E Z BE	P	04 40 47.4	1.1	1.60	1	1800	16.2	137.8	327.1
MAY 11 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	11 22 08.2	0.5	1.01	1				
MAY 11 ERL H= 21 18 29.6 LAT = 27.6 S LONG= 179.1 W DEPTH=387 KM MAGNITUDE= 5.8 KERMADEC ISLANDS REGION										
HAM	E Z SX	PKP	21 37 35.-			1	17050	153.3	18.2	347.9
HOF	+E Z SL	PKP1	21 37 38.-	1.5	2.16	6	17330	155.8	24.5	342.6
	+E Z SL	PKP2	21 38 10.-	1.5	2.09	5				
BNS	E Z FS	PKP	21 37 38.0				17370	156.2	14.0	350.1
	I Z FS	-	21 38 10.0	1.5	1.90					
GRF	E Z BE	PKP	21 37 39.3	1.8	2.19	2	17410	156.6	23.7	342.9
	E Z BE	-	21 37 50.0			2				
	E Z BE	-	21 38 12.6			2				
STU	+E Z BE	PKP	21 37 40.6	1.3	2.10	3	17560	157.9	20.0	345.2
FUR	-I Z SL	PKP1	21 37 42.-	2.0	2.21	3	17560	157.9	25.3	341.2
	-I Z SL	-	21 37 47.-	1.3	1.81	8				
	+E Z SL	-	21 38 13.-	2.0	2.15	9				
	-I Z SL	PKP2	21 38 18.-	1.9	2.48	8				
	+I Z SL	APKP	21 38 25.-	1.8	2.02	5				
	-I Z SL	-	21 39 46.-	2.0	2.33	2				
	+I Z SL	PKS	21 41 04.-	2.3	2.34	9				
	-E Z SL	PP	21 41 50.-	1.7	1.77	3				
	E SL	QM	22 31 30.-	20.0	2.96					
BUH	+E Z GT	PKP	21 37 41.5				17590	158.2	17.9	346.7
	-E Z GT	PKP	21 38 18.8							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 12 ERL										
H= 01 21 28.7										
LAT = 24.6 N										
LONG= 121.6 E										
DEPTH= 62 KM										
MAGNITUDE= 5.3										
TAIWAN										
HOF	+E Z SL	XP	01 34 04.-	2.0	2.50	9	9240	83.1	59.6	322.6
GRF	E Z BE	P	01 33 52.3	1.8	2.01	1	9310	83.8	59.1	322.2
	E Z BE	AP	01 34 09.5			2				
	E Z BF	XP	01 34 23.-			1				
FUR	+I Z SL	P	01 33 56.-	1.7	1.91	7	9400	84.5	59.0	320.9
	-I Z SL	PCP	01 34 01.-	1.5	1.60	2				
	-I Z SL	APCP	01 34 06.-	1.5	1.75	2				
	-I Z SL	XPCP	01 34 14.-	1.9	2.44	6				
	+I Z SL	-	01 34 17.-	1.2	2.34	3				
	-I Z SL	-	01 34 34.-	1.7	2.17	5				
	-E Z SL	PP	01 37 23.-	2.0	2.03	2				
	N SL	RM	02 17 00.-	18.0	3.35					
BNS	E Z FS	P	01 34 14.0	1.5	1.48		9480	85.3	56.2	324.7
	E Z FS	-	01 34 37.5							
BUH	E Z GT	P	01 34 03.8				9560	86.0	56.9	322.4
MAY 12										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	04 41 01.4							
MAY 12										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	04 52 53.2	0.7	1.00	1				
	E Z BE	-	04 52 57.7			1				
MAY 12										
NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	13 01 23.-	1.0	2.00	5				
	Z SL	MAXIMUM	13 02 33.-	1.5	1.68					
MAY 12										
NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	19 29 13.-	1.5	1.51	3				
MAY 13										
NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	E Z FS	P	02 45 55.-							
MAY 13										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	07 01 32.9							
MAY 13 ERL										
H= 09 23 34.7										
LAT = 32.0 S										
LONG= 178.6 W										
DEPTH= 41 KM										
MAGNITUDE= 5.6										
SOUTH OF KERMADEC ISLANDS										
GRF	E Z BE	PKIKP	09 43 29.2			1	17890	160.9	26.3	340.2
	-E Z BE	PKHKP	09 44 13.2			3				
MAY 13										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	13 42 26.3			2				
MAY 13 ERL										
H= 14 02 21.5										
LAT = 53.4 N										
LONG= 35.1 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
NORTH ATLANTIC OCEAN										
BUH	E Z GT	P	14 08 06.2				3040	27.3	296.5	82.2
GRF	E Z BE	P	14 08 17.7			1	3190	28.7	295.4	78.4
FUR	-E Z SL	P	14 08 22.-	1.3	1.60	3	3270	29.4	297.9	81.2
	Z SL	MAXIMUM	14 20 30.-	15.0	3.40					
MAY 13 ERL										
H= 15 06 38.2										
LAT = 45.1 N										
LONG= 28.1 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
NORTH ATLANTIC RIDGE										
GRF	E Z BE	P	15 12 16.9			2	2980	26.8	275.2	65.9
FUR	+E Z SL	P	15 12 19.-	1.8	1.72	1	3000	27.0	278.3	69.2
	-I Z SL	-	15 12 22.-	1.5	1.60	2				
	-E Z SL	PP	15 12 58.-	3.0	2.46	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 13 ERL H= 16 37 13.3 LAT = 45.1 N LONG= 28.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 NORTH ATLANTIC RIDGE										
GRF	E Z BE	P	16 42 38.4			1	2980	26.8	275.3	65.9
FUR	-I Z SL	P	16 42 54.-	2.0	2.11	2	3010	27.0	278.4	69.2
	-I Z SL	-	16 42 58.-	1.5	1.86	2				
	-I Z SL	XP	16 43 08.-	2.0	2.18	3				
	-E Z SL	PP	16 43 34.-	2.0	1.94	2				
MAY 13 ERL H= 16 40 22.0 LAT = 45.0 N LONG= 28.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 NORTH ATLANTIC RIDGE										
MAY 13 BCS H= 16 40 25.0 LAT = 45.0 N LONG= 27.9 W NORTH ATLANTIC RIDGE										
BNS	E Z FS	P	16 45 36.5	3.0	2.48		2700	24.3	269.7	63.1
	+E Z SL	-	16 45 39.-							
	E Z SL	LR	16 51 56.-	32.0						
	Z SL	-	16 54 20.-							
HLG	Z SL	P	16 45 40.-			2	2770	24.9	263.3	55.4
BUH	-E Z GT	P	16 45 49.5				2780	25.0	275.4	68.5
TNS	E E SL	P	16 45 49.0			5	2790	25.1	272.3	64.8
	E E SL	PP	16 46 24.0			3				
	E E SL	S	16 50 16.6			6				
STU	E Z BE	P	16 45 47.9	0.9	1.87	2	2850	25.7	275.8	68.1
GRF	E Z BE	P	16 46 00.2			2	2990	26.9	275.2	65.8
FUR	-I Z SL	P	16 46 04.-	1.2	1.20	3	3020	27.1	278.3	69.1
	-I Z SL	-	16 46 06.-	2.9	2.53	3				
	-I Z SL	XP	16 46 14.-	1.4	1.92	8				
	-I Z SL	PP	16 46 52.-	2.9	2.53	3				
	-I Z SL	PPP	16 47 05.-	2.0	2.24	9				
	Z SL	RM	16 58 30.-	13.0	3.79					
HOF	-E Z SL	P	16 46 03.-	1.5	1.86	3	3030	27.3	274.5	64.3
	-E Z SL	-	16 46 08.-	3.0	2.56	4				
	+I Z SL	AP	16 46 13.-	3.0	2.56	1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+E Z SL	-	16 46 37.-	4.0	2.55	3				
	-E Z SL	S	16 50 35.-	4.0	2.55	5				
	Z SL	QM	16 56 00.-	18.0	4.35					
MAY 14 NO DETERMINATION OF EPICENTER										
GRF	-E Z BE	P	01 07 25.6			2				
	E Z BE	-	01 07 32.3			2				
MAY 14 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 21 12.7			1				
	E N BE	SG	11 21 53.5			2				
MAY 14 ERL H= 12 01 16.1 LAT = 40.3 N LONG= 143.4 E DEPTH= 12 KM MAGNITUDE= 5.3 OFF EAST COAST OF HONSHU, JAPAN										
HLG	+E Z SL	P	12 13 18.-			2	8720	78.4	33.2	335.1
HOF	+I Z SL	P	12 13 28.-	2.0	2.50	5	8920	80.3	35.6	330.8
	+E Z SL	PCP	12 13 36.-	3.0	2.41	2				
	Z SL	RM	12 57 00.-	12.0	3.62					
GRF	+E Z BE	P	12 13 33.2	0.9	1.99	5	9010	81.0	35.0	330.8
BNS	+I Z FS	P	12 13 34.5	2.0	1.78		9050	81.4	32.4	333.7
FUR	+I Z SL	P	12 13 40.-	1.0	2.48	9	9140	82.2	35.0	329.9
	-I Z SL	PCP	12 13 49.-	1.1	2.20	2				
	-I Z SL	-	12 13 55.-	1.9	2.16	3				
	+I Z SL	PP	12 16 51.-	2.0	2.03	3				
	+I Z SL	PPP	12 18 33.-	3.0	2.42	6				
	-E Z SL	-	12 19 52.-	2.4	2.26	9				
	Z SL	RM	12 56 00.-	13.0	3.69					
STU	+E Z BE	P	12 13 40.2	1.0	2.03	2	9180	82.5	33.6	331.4
BUH	+E Z GT	P	12 13 42.5				9220	82.9	32.9	331.9
MAY 14 ERL H= 19 34 24.2 LAT = 51.2 N LONG= 179.2 W DEPTH= 46 KM MAGNITUDE= 5.1 ANDREANOF ISLANDS, ALEUTIAN IS.										

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
GRF	-E Z BE	P	19 46 26.3			3	8790	79.1	6.6	353.1
BUH	E Z GT	P	19 46 32.5				8930	80.3	4.7	355.0
FUR	N SL	RM	20 31 00.-	15.0	2.85		8960	80.6	6.6	352.9

MAY 14
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	23 49 34.0							

MAY 15 ERL
H= 09 32 54.6
LAT = 23.6 S
LONG= 173.9 E
DEPTH=553 KM
MAGNITUDE= 5.6
SOUTH OF FIJI ISLANDS

HAM	+I Z SX	PKP	09 51 38.3			2	16600	149.3	18.2	348.3
	E Z SX	-	09 51 43.-			8				
HOF	-E Z SL	PKP1	09 51 41.-	1.5	1.99	4	16880	151.8	23.7	343.7
	-E Z SL	PKHKP	09 51 48.-	1.5	2.34	9				
	-E Z SL	PKP2	09 51 59.-	1.5	2.34	9				
	-I Z SL	APKP	09 54 00.-	1.5	2.39	9				
	-E Z SL	APKP	09 54 07.-	1.5	2.09	5				
BNS	E Z FS	PKP	09 51 41.5	1.2	1.90		16920	152.1	14.4	350.1
	I Z FS	-	09 51 48.5							
	E Z FS	-	09 53 59.5							
GRF	-E Z BE	PKP1	09 51 41.9			2	16960	152.5	22.9	344.0
	-E Z BE	PKHKP	09 51 49.5			4				
	-I Z BE	PKP2	09 52 03.3			9				
	+E Z BE	-	09 54 01.0			2				
STU	-E Z BE	PKP	09 51 43.0	1.0	2.07	3	17110	153.9	19.6	346.0
FUR	-I Z SL	PKP1	09 51 44.-	1.9	2.16	9	17110	153.9	24.3	342.5
	-I Z SL	PKHKP	09 51 52.-	1.5	1.60	3				
	-I Z SL	PKP2	09 52 09.-	1.5	2.26	9				
	-I Z SL	APKP	09 54 04.-	1.3	2.03	7				
	+I Z SL	SKP	09 54 16.-	1.9	2.16	3				
	-I Z SL	-	09 56 03.-	1.5	1.81	3				
BUH	E Z GT	PKP	09 51 43.7				17140	154.1	17.7	347.3
	E Z GT	PKP	09 51 52.8							
	E Z GT	PKP	09 52 09.0							

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
FUR	-E Z SL	XPKP	11 41 32.-	1.7	1.54	6	17160	154.4	238.7	89.2
	+E Z SL	PKP2	11 41 42.-	1.5	1.38	6				
	-I Z SL	-	11 41 49.-	2.0	2.03	9				
	+I Z SL	-	11 42 05.-	1.9	1.86	8				
HOF	-E Z SL	-	11 41 48.-	1.5	2.09	5	17320	155.8	242.7	85.3
	-E Z SL	-	11 42 07.-	1.5	2.09	5				

MAY 15
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	12 01 51.-	1.3	1.60	3				
	-I Z SL	-	12 03 09.-	1.8	1.65	6				

MAY 15 ERL
H= 13 04 14.9
LAT = 45.4 N
LONG= 151.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
KURIL ISLANDS

GRF	-E Z BE	P	13 16 19.8			2	8820	79.3	27.0	335.2

MAY 15 ERL
H= 13 37 34.9
LAT = 51.1 N
LONG= 179.2 W
DEPTH= 48 KM
MAGNITUDE= 4.3
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	E Z BE	P	13 49 36.8			2	8810	79.2	6.6	353.2

MAY 16 ERL
H= 01 41 42.0
LAT = 34.4 N
LONG= 25.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 3.7
CRETE

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 16 BCS										
H= 01 41 45.0										
LAT = 34.3 N										
LONG= 25.7 E										
CRETE										
FUR	-I Z SL	P	01 45 45.-	2.0	1.94	8	1950	17.5	136.6	326.2
	+I Z SL	-	01 46 04.-	1.5	1.45	7				
GRF	E Z BE	P	01 46 04.5			1	2080	18.7	139.6	329.4
BUH	E Z GT	P	01 46 03.3				2150	19.3	131.2	322.3
MAY 16										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	09 18 17.1							
FUR	-I Z SL	-	09 19 30.-	1.9	1.81	2				
	Z SL	MAXIMUM	09 20 05.-	1.7	1.72					
MAY 16 FRL										
H= 10 59 52.6										
LAT = 28.3 N										
LONG= 52.6 E										
DEPTH= 37 KM										
MAGNITUDE= 5.0										
SOUTHERN IRAN										
MAY 16 BCS										
H= 11 00 00.0										
LAT = 28.5 N										
LONG= 52.2 E										
SOUTHERN IRAN										
FUR	-I Z SL	P	11 07 04.-	1.8	1.87	9	4160	37.4	106.8	313.3
	-E Z SL	AP	11 07 11.-	1.5	1.51	4				
	-I Z SL	PP	11 08 31.-	1.2	1.80	6				
GRF	+E Z BE	P	11 07 08.2	0.9	1.51	4	4220	37.9	108.6	315.7
MAY 16										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	13 16 50.-	1.5	1.45	2				
	Z SL	MAXIMUM	13 18 03.-	1.3	1.81					
MAY 16										
NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	15 31 37.-	2.0	1.73	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	Z SL	MAXIMUM	15 31 56.-	1.5	1.75					
MAY 16 ERL										
H= 16 07 20.4										
LAT = 42.5 N										
LONG= 143.0 E										
DEPTH=119 KM										
MAGNITUDE= 4.8										
HOKKAIDO, JAPAN REGION										
GRF	+E Z BE	P	16 19 14.0	0.8	1.41	3	8780	79.0	34.2	330.4
MAY 16										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	17 15 09.1							
MAY 17 ERL										
H= 05 27 51.6										
LAT = 13.4 N										
LONG= 119.9 E										
DEPTH= 37 KM										
MAGNITUDE= 5.7										
PHILIPPINE ISLANDS REGION										
HOF	+E Z SL	P	05 40 58.-	2.0	2.20	5	10110	91.0	67.8	322.4
	+I Z SL	AP	05 41 08.-	1.5	2.09	5				
	-E Z SL	-	05 41 45.-	4.0	2.63	2				
	-E Z SL	PP	05 44 35.-	4.5	2.80	3				
	+I Z SL	XPP	05 44 55.-	4.0	2.80	5				
	-E Z SL	PPP	05 46 37.-	4.0	2.69	4				
	Z SL	RM	06 30 00.-	15.0	3.98					
GRF	E Z BE	P	05 40 59.4			2	10180	91.6	67.3	322.0
	E Z BE	-	05 41 08.6			3				
	E Z BE	PP	05 44 39.0			1				
	E Z BE	-	05 44 49.4			3				
FUR	+I Z SL	P	05 41 02.-	2.0	1.94	4	10250	92.1	67.4	320.6
	+I Z SL	APCP	05 41 08.-	2.0	2.03	3				
	+I Z SL	AP	05 41 12.-	2.0	2.43	4				
	+I Z SL	PP	05 44 46.-	1.5	1.60	5				
	+I Z SL	APP	05 44 56.-	2.0	2.33	5				
	Z SL	RM	06 25 00.-	14.0	3.57					
TNS	E Z SL	P	05 41 26.0				10340	93.0	65.1	323.2
	E E SL	S	05 52 21.0							
BNS	E Z SL	P	05 41 08.-				10390	93.4	64.1	324.2
	E Z SL	PP	05 45 06.-							
	E Z SL	-	05 53 16.-							
	E Z SL	LR	06 15 36.-	44.0						
	Z SL	-	06 24 40.-	20.0						
BUH	E Z GT	P	05 41 08.5				10430	93.8	65.0	321.9

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z GT	P	05 41 19.5							

MAY 17 BCS
H= 08 13 49.5
LAT = 48.3 N
LONG= 9.0 E
GERMANY

MAY 17 ERL
H= 08 13 50.6
LAT = 48.4 N
LONG= 8.9 E
DEPTH= 33 KM (NORMAL)
GERMANY

STU= WESTERN SWABIAN JURA. H= 08 13 49.5, 48 DEG. 16 MIN. N, 9 DEG. 04 MIN. E, MM= 3.5. FELT (V) IN THE EPICENTRAL AREA.

STU	-I Z BE	PG	08 13 58.9				50	0.5	192.4	12.3
	ST	SG	08 14 05.5							
BUH	-I Z GT	PG	08 14 02.3				70	0.7	124.2	304.8
KRL	-E Z ST	PG	08 14 06.3			3	90	0.8	149.3	329.7
	-I Z ST	-	08 14 07.0	0.5		9				
	-I E ST	-	08 14 20.8	0.7		9				
FUR	+I Z SL	PN	08 14 19.-	1.5	1.60	9	170	1.5	276.2	94.5
	+I Z SL	SN	08 14 39.-	1.0	1.77	4				
	Z SL	MAXIMUM	08 16 00.-	1.5	2.46					
TNS	I Z SL	PN	08 14 25.0			5	220	2.0	168.4	348.8
	I E SL	SN	08 14 53.4			6				
	I E SL	SG	08 15 05.0			4				
GRF	I Z JM	PN	08 14 22.5			2	220	2.0	226.7	45.1
	I Z BE	PG	08 14 27.7			9				
	E Z BE	SN	08 14 47.6			2				
	I Z BE	SG	08 14 53.4			9				
HOF	-I E SL	PN	08 14 42.-	1.0	2.12	7	300	2.7	223.8	41.7
	+I E SL	PB	08 14 47.-	1.0	2.42	2				
	+I E SL	PG	08 14 58.-	1.0	2.12	1				
	-I E SL	-	08 15 06.-	1.0	2.48	2				
	-I E SL	SN	08 15 18.-	1.0	3.28	4				
	Z SL	MAXIMUM	08 15 48.-	3.5	2.75					
BNS	I Z FS	PN	08 14 37.0				330	2.9	154.8	336.2
	E Z FS	PG	08 14 46.3	0.6	1.78					
	E E X	SG	08 15 27.5	1.0	2.11					
	E N X	-	08 15 27.5	1.0	2.23					

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	08 50 14.2							

MAY 17
NO DETERMINATION OF EPICENTER

BUH	-E Z GT	PG	09 21 48.2							

MAY 17
NO DETERMINATION OF EPICENTER

GRF	E Z BF	P	09 46 02.0			2				

MAY 17
NO DETERMINATION OF EPICENTER

GRF	+E Z BE	P	09 48 02.6	1.0	1.49	3				

MAY 17 ERL
H= 10 06 05.8
LAT = 33.5 N
LONG= 71.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
WEST PAKISTAN

GRF	E Z BE	P	10 14 34.7			2	5190	46.7	85.7	309.1
	E Z BE	PP	10 16 27.0			1				
FUR	+E Z SL	P	10 14 37.-	2.0	1.73	5	5200	46.7	85.3	307.0
	+E Z SL	APCP	10 16 20.-	2.0	1.81	2				
	-I Z SL	PP	10 16 26.-	1.3	1.90	9				
	+I Z SL	APP	10 16 33.-	1.7	1.77	2				
	+I Z SL	-	10 17 29.-	1.9	1.81	4				
	Z SL	RM	10 39 30.-	13.0	3.39					

MAY 17 ERL
H= 14 10 50.2
LAT = 49.9 N
LONG= 154.9 E
DEPTH= 99 KM
MAGNITUDE= 5.0
KURIL ISLANDS

GRF	E Z BE	P	14 22 26.2			1	8450	76.0	23.2	336.7
	+I Z BE	-	14 22 30.5			6				

MAY 17
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	Z SL	MAXIMUM	15 01 00.-	2.0	2.03					

MAY 17
NO DETERMINATION OF EPICENTER

BNS= H= 16 36 19, M(LOCAL)= 2.3

BNS	I Z FS	PG	16 36 31.0							
	I E X	SG	16 36 39.4	0.4	2.18					
	I N X	-	16 36 40.1	0.8	1.95					

MAY 17 ERL
H= 18 45 11.3
LAT = 37.9 N
LONG= 140.3 E
DEPTH=104 KM
MAGNITUDE= 4.4
HONSHU, JAPAN

GRF	E Z BE	P	18 57 21.2			1	9100	81.9	38.3	329.4
	E Z BE	AP	18 57 48.2			1				

MAY 18
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	00 09 43.4							

MAY 18 ERL
H= 02 42 17.7
LAT = 38.6 N
LONG= 142.6 E
DEPTH= 39 KM
MAGNITUDE= 5.2
NEAR EAST COAST OF HONSHU, JAPAN

HOF	-E Z SL	P	02 54 35.-	2.0	2.10	4	9050	81.4	36.9	330.5
	-E Z SL	APCP	02 54 45.-	2.0	2.20	3				
GRF	+E Z BE	P	02 54 36.9	1.1	2.00	4	9130	82.1	36.4	330.5
FUR	+E Z SL	P	02 54 44.-	2.0	2.21	9	9270	83.4	35.3	329.6
	-E Z SL	PCP	02 54 48.-	2.0	1.88	7				
	-I Z SL	APCP	02 54 55.-	2.0	2.21	3				
	+I Z SL	XPCP	02 55 02.-	1.9	2.13	3				
	-I Z SL	-	02 55 35.-	1.8	1.87	3				
	Z SL	RM	03 35 30.-	15.0	3.35					
STU	+E Z BE	P	02 54 44.0	1.2	1.73	3	9300	83.7	35.0	331.1
BUH	E Z GT	P	02 54 46.7				9350	84.1	34.3	331.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 18 ERL
H= 02 42 55.8
LAT = 27.9 N
LONG= 55.8 E
DEPTH= 34 KM
MAGNITUDE= 4.6
SOUTHERN IRAN

FUR	+E Z SL	P	02 50 28.-	2.0	1.94	8	4430	39.8	104.1	312.8
	-E Z SL	XP	02 50 38.-	1.7	1.46	7				
	-E Z SL	-	02 50 47.-	1.9	1.74	3				
HOF	-E Z SL	P	02 50 29.-	2.0	1.98	2	4450	40.0	107.2	316.2
	-E Z SL	XP	02 50 38.-	2.0	2.20	2				
GRF	+E Z BE	P	02 50 31.0	1.0	1.57	2	4480	40.3	105.8	315.1

MAY 18 BCS
H= 08 11 01.5
LAT = 48.3 N
LONG= 9.1 E
GERMANY

MAY 18 ERL
H= 08 11 02.0
LAT = 48.3 N
LONG= 9.0 E
DEPTH= 33 KM (NORMAL)
GERMANY

STU=WESTERN SWABIAN JURA. H= 08 11 01.3, 48 DEG. 17 MIN. N,
9 DEG. 02 MIN. E, DEPTH= 7.5 KM. ML = 4.8. M(LOCAL)= 4.0 (BNS)
FELT (V) IN THE EPICENTRAL AREA

STU	+I Z BE	PG	08 11 10.6				50	0.5	189.9	9.9
	BE	SG	08 11 17.1							
BUH	-I Z GT	PG	08 11 14.1				80	0.7	124.3	305.0
KRL	-I Z ST	PG	08 11 18.2	0.5		9	90	0.8	148.7	329.2
	-I Z ST	-	08 11 27.2	0.7		9				
	+I N ST	-	08 11 32.0	0.7		9				
	-I Z ST	-	08 11 37.3							
FUR	+E Z SL	PN	08 11 29.-	1.5	1.51	8	160	1.5	275.6	94.0
	-I Z SL	SN	08 11 51.-	1.0	2.90	8				
	Z SL	MAXIMUM	08 13 15.-	1.5	2.98					
TNS	E Z SL	PN	08 11 36.0			4	220	2.0	167.9	348.4
	E Z SL	PB	08 11 40.0			3				
	E E SL	SN	08 12 03.0			5				
	E E SL	SB	08 12 11.0			5				
GRF	+E Z BE	PN	08 11 34.8			3	220	2.0	225.0	44.4

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z BE	PN	08 11 34.5			9				
	-I Z BE	PG	08 11 39.3			9				
HOF	-E Z SL	PN	08 11 54.-	1.0	1.97	5	300	2.7	223.3	41.2
	-E Z SL	PB	08 11 58.-	1.0	2.18	2				
	-I Z SL	SN	08 12 27.-	1.0	3.12	9				
	-I Z SL	SB	08 12 37.-	1.5	2.86	2				
	+I Z SL	SG	08 12 42.-	1.8	3.00	2				
	Z SL	MAXIMUM	08 13 08.-	3.0	3.11					
BNS	-I Z FS	PN	08 11 48.2				330	2.9	154.6	336.0
	E Z FS	PG	08 11 58.3	0.5	2.23					
	E N X	SG	08 12 40.0	0.9	2.77					
	E E X	-	08 12 40.0	0.9	2.66					
HAM	E Z SX	-	08 14 00.-			1	580	5.2	186.3	5.7
	E Z SX	-	08 14 34.-			2				

MAY 18
NO DETERMINATION OF EPICENTER

BUH	-E Z GT	PG	09 28 17.7							

MAY 18
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	12 28 47.4							

MAY 18
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	12 45 00.-	1.3	1.90					

MAY 18
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	14 47 21.2							

MAY 18
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	15 10 04.2			2				
	E N BE	SG	15 10 37.0			4				

MAY 19 ERL
H= 01 13 43.5
LAT = 35.2 N
LONG= 9.1 E
DEPTH= 50 KM
MAGNITUDE= 4.4
TUNISIA

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 19 BCS
H= 01 13 46.0
LAT = 35.0 N
LONG= 9.0 E
TUNISIA

FUR	-E Z SL	PP	01 16 59.-	1.8	1.57	1	1460	13.1	187.9	6.4
	-E Z SL	XPP	01 17 07.-	1.5	1.30	2				
	-I Z SL	-	01 17 20.-	1.0	2.08	2				
	Z SL	RM	01 23 30.-	13.0	3.29					
BUH	E Z GT	P	01 16 53.3				1500	13.5	176.9	357.5
GRF	E Z BE	P	01 17 11.0			1	1620	14.6	186.9	5.4
HOF	Z SL	RM	01 24 10.-	13.0	3.21		1700	15.3	188.6	6.8

MAY 19
NO DETERMINATION OF EPICENTER

BUH	-E Z GT	PG	06 27 13.1							

MAY 19
NO DETERMINATION OF EPICENTER

BUH	-E Z GT	PG	07 00 30.4							

MAY 19 ERL
H= 07 12 45.1
LAT = 74.0 N
LONG= 9.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
GREENLAND SEA

HOF	-E Z SL	P	07 17 53.-	2.0	1.98	3	2640	23.8	358.4	176.4
GRF	E Z BE	P	07 18 01.0			1	2710	24.4	358.9	177.5
FUR	+E Z SL	P	07 18 17.-	1.5	1.30	3	2880	25.9	358.9	177.4
	-I Z SL	XP	07 18 27.-	1.8	1.83	3				
	+I Z SL	-	07 18 41.-	1.5	1.45	2				

MAY 19 BCS
H= 10 58 12.6
LAT = 43.2 N
LONG= 17.7 E
YUGOSLAVIA

BCIS= FELT AT CAPLJINA AND METKOVIC (LJU).

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+E Z SL	PB	11 00 17.-	1.3	1.81	3	750	6.7	135.6	320.2
	-E Z SL	PG	11 00 47.-	2.0	1.88	7				
	+I Z SL	SN	11 01 20.-	1.3	1.68	1				
	Z SL	MAXIMUM	11 02 30.-	1.7	2.29					
GRF	E Z BE	PG	11 00 08.8			1	880	7.9	143.1	327.8
	E N BE	S	11 02 13.0			1				
HOF	-E Z SL	PB	11 00 41.-	1.5	2.09	5	910	8.2	148.6	332.8
BUH	E Z GT	P	11 00 17.0				960	8.6	126.3	313.1

MAY 19
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY

FUR	Z SL	MAXIMUM	12 08 35.-	1.9	2.07					

MAY 19 BCS
H= 14 55 22.0
LAT = 44.3 N
LONG= 7.6 E
NORTHERN ITALY

BUH	E Z GT	P	14 56 28.7				490	4.4	185.9	5.4

MAY 19
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	16 02 05.-	2.0	1.73	5
	+E Z SL	-	16 03 14.-	2.0	1.88	4
	+E Z SL	-	16 03 32.-	1.5	1.38	2

MAY 19
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	17 44 30.4

MAY 19
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	19 05 05.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 20 ERL
H= 02 34 45.6
LAT = 15.6 S
LONG= 167.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP	02 54 11.1			1	15650	140.8	38.5	335.2
FUR	+I Z SL	PKP1	02 54 16.-	1.8	1.87	5	15780	141.9	39.8	333.6
	-I Z SL	APKP	02 54 28.-	1.5	1.30	3				
	-E Z SL	XPKP	02 54 31.-	1.5	1.51	8				
	+I Z SL	-	02 54 38.-	2.0	2.03	1				
	+E Z SL	-	02 56 42.-	2.0	1.94	4				
	-E Z SL	PP	02 57 27.-	2.0	2.08	2				
	-E Z SL	APP	02 57 36.-	1.9	1.81	7				
	-E Z SL	SKP	02 57 46.-	2.4	2.22	9				
	+E Z SL	-	02 58 05.-	2.4	2.04	2				
	-E Z SL	-	02 58 08.-	2.4	2.04	2				
	+E Z SL	-	02 58 20.-	2.0	1.81	6				

MAY 20 ERL
H= 02 55 12.1
LAT = 33.5 N
LONG= 142.3 E
DEPTH= 32 KM
MAGNITUDE= 4.5
OFF EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	03 07 53.3			2	9620	86.5	39.2	330.6
	E Z BE	-	03 08 04.5			2				

MAY 20
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	03 51 39.4

MAY 20 ERL
H= 06 44 26.1
LAT = 28.3 N
LONG= 52.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
SOUTHERN IRAN

GRF	E Z BE	P	06 51 43.0			1	4230	38.1	108.4	315.7

MAY 20
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	10 07 12.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 20 ERL H= 21 15 52.8 LAT = 33.6 N LONG= 142.3 E DEPTH= 16 KM MAGNITUDE= 4.5 OFF EAST COAST OF HONSHU, JAPAN										
GRF	+E Z BE	P	21 28 36.8	0.9	1.29	3	9610	86.5	39.1	330.6
MAY 20 ERL H= 21 26 07.2 LAT = 53.5 N LONG= 160.0 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 SOUTH OF ALASKA										
BNS	-E Z FS	P	21 37 49.6	1.6	1.70		8380	75.3	352.2	8.3
GRF	-E Z BE	P	21 37 58.8	0.9	1.59	2	8550	76.9	354.7	5.8
BUH	-E Z GT	P	21 38 02.7				8640	77.7	352.9	7.9
FUR	-I Z SL	P	21 38 07.-	2.0	2.21	8	8720	78.4	354.7	5.9
	-E Z SL	XP	21 38 19.-	1.0	2.00	1				
	-I Z SL	APCP	21 38 21.-	2.0	1.99	5				
MAY 20 NO DETERMINATION OF EPICENTER										
BUH	-E Z GT	PG	21 30 24.8							
GRF	E Z BE	PG	21 30 50.3			1				
	E N BE	SG	21 31 15.9			2				
MAY 21 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	00 21 04.-	1.5	1.30	2				
	+E Z SL	-	00 21 10.-	1.5	1.45	2				
MAY 21 ERL H= 03 50 30.9 LAT = 16.0 S LONG= 73.9 W DEPTH= 85 KM MAGNITUDE= 5.4 NEAR COAST OF PERU										
GRF	E Z BE	P	04 04 04.1			1	11000	98.9	255.9	40.9
	E Z BE	AP	04 04 26.3			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 21 ERL H= 06 01 54.4 LAT = 27.1 S LONG= 174.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 NORTH OF NEW ZEALAND										
GRF	E Z BE	PKP1	06 21 43.0			1	17150	154.2	35.0	335.3
	-E Z BE	PKP2	06 22 04.1			2				
FUR	-I Z SL	PKP2	06 22 11.-	1.5	1.72	9	17290	155.4	37.1	333.1
	-I Z SL	-	06 22 15.-	2.0	2.03	3				
	+I Z SL	XPKP	06 22 30.-	2.0	1.94	2				
	-I Z SL	-	06 23 00.-	1.5	1.64	4				
MAY 21 NO DETERMINATION OF EPICENTER										
GRF	-E Z BE	P	07 20 57.2	1.0	1.32	3				
MAY 21 ERL H= 07 57 05.2 LAT = 73.6 N LONG= 7.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 GREENLAND SEA										
BNS	E Z FS	P	08 02 04.5	1.5	1.48		2530	22.7	0.3	180.7
GRF	E Z BE	P	08 02 17.8			1	2670	24.0	357.5	174.2
FUR	-E Z SL	P	08 02 29.-	1.9	1.74	1	2840	25.6	357.6	174.3
	+I Z SL	-	08 02 33.-	1.5	1.60	3				
	-I Z SL	XP	08 02 40.-	1.5	1.51	2				
	-I Z SL	-	08 02 44.-	1.5	1.72	3				
	-I Z SL	PPP	08 03 19.-	1.9	1.96	3				
	-E Z SL	S	08 06 48.-	2.2	2.17	9				
MAY 21 ERL H= 11 40 30.6 LAT = 52.5 N LONG= 153.0 E DEPTH=437 KM MAGNITUDE= 4.7 NORTHWEST OF KURIL ISLANDS										
GRF	-E Z BE	P	11 51 17.3	0.7	1.15	2	8140	73.2	23.3	335.2
MAY 21 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	19 42 06.7							

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT. EPIC.	MAY 19
MAY 22 ERL										
H= 06 05 08.3										
LAT = 16.6 N										
LONG= 122.3 E										
DEPTH= 34 KM										
MAGNITUDE= 5.7										
LUZON, PHILIPPINE ISLANDS										
NOTE- MINOR DAMAGE AT MANILA (VI MM). MAG. 6.8 (PASA).										
DRN	E Z ET	P	06 16 49.2			7	9801	88.1	65.1 324.1	
MAN	E Z SX	P	06 16 57.-			4	9951	89.5	62.5 326.4	
	E E NI	S	06 27 55.-			4				
HOF	+I Z SL	P	06 16 56.-	7.0	3.72	9	9991	89.8	64.1 323.1	
	+I Z SL	XPCP	06 17 12.-	11.0	3.58	6				
	+I Z SL	SP	06 28 41.-	8.0	3.55	9				
	Z SL	RM	07 03 00.-	17.0	5.01					
MAS	+I Z SL	P	06 16 59.6			1	10101	90.2	61.8 327.6	
BRP	+I Z WH	P	06 17 00.1			2	10101	90.3	63.5 322.7	
	+I Z BE	-	06 17 13.2			4				
	I Z WH	-	06 24 14.4			2				
	E N GL	SKS	06 27 56.-			4				
FUR	-E E SL	P	06 17 06.-	1.5	2.17	9	10101	91.1	63.5 321.1	
	+I E SL	APCP	06 17 09.-	1.5	1.87	9				
	+I E SL	-	06 18 23.-	1.5	2.05	9				
	-I E SL	-	06 18 50.-	1.5	1.85	6				
	E SL	RM	07 04 00.-	26.0	5.41					
TNS	IE Z SL	P	06 17 06.0			2	10201	91.8	61.3 324.1	
	E Z SL	PP	06 21 30.0			2				
	IE E SL	SKS	06 27 48.0			5				
	IE Z SL	SKKS	06 28 16.0			9				
	IE Z SL	PPS	06 30 44.0			2				
BNS	+I Z FS	P	06 17 07.3	2.3	2.26		10251	92.1	60.3 325.1	
	+I Z FS	-	06 17 08.-	13.1						
	E Z FS	PP	06 20 29.-							
	E Z SL	LR	06 48 00.-	60.1						
	Z SL	-	07 04 00.-	19.0						
KRL	+I Z WH	P	06 17 09.2	2.2		5	10271	92.4	61.3 322.9	
	+E N WH	S	06 28 14.-							
BUH	E Z GT	P	06 17 10.0				10301	92.7	61.2 322.7	
MAY 22 ERL										
H= 06 11 12.0										
LAT = 16.6 N										
LONG= 122.5 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.8										
LUZON, PHILIPPINE ISLANDS										

MAY 1972 MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT. EPIC.
GRF	E Z BE	P	06 24 14.4			2	10070	90.6	63.3 322.8
MAY 22 ERL									
H= 20 45 57.3									
LAT = 17.7 S									
LONG= 175.2 W									
DEPTH=227 KM									
MAGNITUDE= 6.2									
TONGA ISLANDS									
HLG	-I Z SL	PKP	21 05 00.2			8	15960	143.5	4.9 357.0
	-I Z X	PKP	21 05 02.-			9			
HAM	-I Z SX	PKP	21 05 05.6			9	16020	144.1	8.3 354.8
BRN	E Z ET	PKP	21 05 07.2			9	16090	144.7	13.9 351.1
	E Z ET	APKP	21 06 07.-			1			
	E Z ET	PP	21 08 26.-			6			
	E Z ET	PPP	21 11 34.-			2			
BOC	-I Z B4	PKP	21 05 01.5	3.5	4.97	9	16260	146.2	4.1 357.3
	-I Z B4	PKP2	21 06 03.2	3.5	4.79	9			
BNS	-I Z FS	PKP	21 05 11.5	1.5	3.92		16320	146.7	4.1 357.3
	-I Z SL	-	21 05 11.5	12.0					
	+I Z SL	APKP	21 06 08.-	11.0					
	E Z FS	-	21 06 11.-	2.8	4.26				
HOF	-I Z SL	PKP1	21 05 11.-	2.0	3.71	9	16340	147.0	12.4 351.7
	+I Z SL	APKP	21 06 09.-	5.0	4.60	9			
	+I Z SL	PP	21 08 36.-	6.0	4.31	6			
	-I Z SL	PPP	21 11 44.-	10.0	4.11	9			
TNS	-I Z SL	PKP	21 05 14.5				16390	147.4	6.4 355.7
	I Z SL	APKP	21 06 08.5						
	I Z SL	PP	21 08 45.0						
	E E SL	-	21 13 22.0						
	E E SL	SKKS	21 15 14.0						
GRF	-E Z BE	PKP	21 05 13.2	3.2	4.15	9	16420	147.7	11.5 352.2
	E Z BE	APKP	21 06 16.9			9			
KRL	-I Z WH	PKP	21 05 16.0	4.0		9	16530	148.6	6.6 355.4
STU	-I Z BE	PKP	21 05 15.1	1.0	3.38	9	16550	148.8	8.1 354.4
	+I Z SL	APKP	21 06 10.0	10.0	4.70	9			
BUH	-I Z GT	PKP	21 05 14.8				16570	149.0	6.3 355.6
FUR	-I Z SL	PKP1	21 05 15.-	2.0	3.25	9	16590	149.1	12.1 351.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 23 ERL H= 00 19 28.6 LAT = 16.8 N LONG= 122.4 E DEPTH= 45 KM MAGNITUDE= 5.0 LUZON, PHILIPPINE ISLANDS										
FUR	-E Z SL	P	00 32 30.-	1.5	1.20	4	10120	91.0	63.4	321.3
	+E Z SL	-	00 32 49.-	1.9	1.86	2				
MAY 23 ERL H= 03 14 28.2 LAT = 41.7 N LONG= 23.6 E DEPTH= 5 KM MAGNITUDE= 4.3 GREECE-BULGARIA BORDER REGION										
MAY 23 BCS H= 03 14 31.0 LAT = 41.7 N LONG= 23.7 E GREECE-BULGARIA BORDER REGION										
FUR	Z SL	QM	03 20 54.-	2.0	1.88		1210	10.9	121.8	310.6
HOF	Z SL	QM	03 20 48.-	7.0	2.78	9	1320	11.9	132.0	320.5
MAY 23 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	09 49 34.-	1.5	1.30	1				
	-I Z SL	-	09 50 33.-	2.0	1.99	9				
GRF	E Z BE	PG	09 50 05.7			1				
	E N BE	SG	09 50 38.9			1				
MAY 23 BCS H= 10 04 39.0 LAT = 37.7 N LONG= 32.5 W AZORES ISLANDS REGION										
MAY 23 ERL H= 10 04 44.1 LAT = 37.6 N LONG= 31.9 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 AZORES ISLANDS REGION										
FUR	+I Z SL	P	10 11 18.-	1.5	1.64	9	3700	33.3	268.2	57.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	XP	10 11 34.-	1.5	1.56	9				
	-E Z SL	PP	10 12 26.-	1.5	1.56	2				
GRF	-E Z BE	P	10 11 18.1			2	3700	33.3	265.8	54.8
MAY 23 BCS H= 11 04 24.0 LAT = 39.0 N LONG= 17.1 E SOUTHERN ITALY										
FUR	-I Z SL	PG	11 07 41.-	1.9	1.86	9	1120	10.1	153.2	337.2
	Z SL	MAXIMUM	11 11 00.-	2.9	2.35					
MAY 23 ERL H= 11 51 50.7 LAT = 33.5 N LONG= 140.7 E DEPTH= 64 KM MAGNITUDE= 4.4 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	12 04 16.8			1	9540	85.8	40.2	329.8
MAY 23 NO DETERMINATION OF EPICENTER										
BUH	-E Z GT	PG	14 48 38.0							
MAY 23 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	14 48 49.5							
MAY 23 NO DETERMINATION OF EPICENTER										
BUH	-E Z GT	PG	15 09 54.2							
MAY 23 ERL H= 18 03 21.7 LAT = 33.5 N LONG= 142.3 E DEPTH= 19 KM MAGNITUDE= 5.1 OFF EAST COAST OF HONSHU, JAPAN										
GRF	-E Z BE	P	18 16 05.3	1.0	1.68	3	9620	86.5	39.1	330.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 23 ERL H= 18 17 14.1 LAT = 38.5 N LONG= 70.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 AFGHANISTAN-USSR BORDER REGION										
GRF	E Z BF	P	18 25 23.5			1	4760	42.8	82.0	305.0
MAY 24 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	06 03 47.4							
MAY 24 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	07 46 30.-	1.5	1.38	6				
	-I Z SL	-	07 47 51.-	1.5	1.56	2				
MAY 24 ERL H= 10 12 49.2 LAT = 13.1 N LONG= 57.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 ARABIAN SEA										
FUR	-I Z SL	P	10 21 57.-	2.0	1.88	2	5770	51.9	116.4	322.0
	-I Z SL	-	10 22 02.-	1.9	1.81	1				
MAY 24 ERL H= 11 26 01.1 LAT = 22.3 S LONG= 171.2 E DEPTH= 38 KM MAGNITUDE= 5.6 LOYALTY ISLANDS REGION										
HAM	E Z SX	PKP	11 45 39.-			1	16210	145.8	31.9	340.1
HOF	+E Z SL	PKP1	11 45 43.-	1.5	1.99	4	16420	147.7	37.7	335.0
	+I Z SL	PKP2	11 45 48.-	2.0	2.50	9				
	+I Z SL	APKP	11 45 53.-	2.0	2.50	3				
	-E Z SL	-	11 46 51.-	7.0	3.26	3				
GRF	E Z BE	PKP	11 45 45.2			2	16510	148.4	37.3	334.9
BNS	E Z FS	PKP	11 45 45.8	3.0	2.18		16550	148.8	29.5	340.4
FUR	+E Z SL	PKP1	11 45 42.-	2.0	1.73	2	16640	149.6	38.9	333.0
	-I Z SL	PKHKP	11 45 49.-	2.0	2.21	9				
	+I Z SL	PKP2	11 45 56.-	2.0	2.33	1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	XPKP	11 46 08.-	1.8	2.19	4				
BUH	E Z GT	PKP	11 45 50.0				16730	150.4	33.3	336.9
MAY 24 NO DETERMINATION OF EPICENTER										
HLG	-E Z X	-	15 36 24.-			2				
	-E Z X	-	15 36 44.-			2				
MAY 25 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 37 11.6			1				
	E N BE	SG	11 37 38.3			1				
MAY 25 NO DETERMINATION OF EPICENTER										
GRF	E Z JM	PG	15 56 08.7			2				
	E N BE	SG	15 56 37.9			2				
MAY 25 NO DETERMINATION OF EPICENTER										
BUH	+I Z GT	PG	16 15 35.8							
MAY 26 NO DETERMINATION OF EPICENTER										
GRF	-E Z BE	P	02 33 33.3			2				
MAY 26 ERL H= 08 38 18.8 LAT = 13.3 N LONG= 120.4 E DEPTH= 38 KM MAGNITUDE= 5.2 MINDORO, PHILIPPINE ISLANDS										
GRF	+E Z BE	P	08 51 25.8			4	10230	92.0	66.9	322.1
FUR	-I Z SL	P	08 51 28.-	1.5	1.78	4	10290	92.5	67.0	320.7
	+I Z SL	XPCP	08 51 44.-	1.5	1.60	3				
MAY 26 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	09 01 20.0							

MAY 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 26										
NO DETERMINATION OF EPICENTER										
BNS= EXPLOSION										
BNS	I Z FS	PG	11 11 21.6							
	E Z FS	-	11 11 31.0							
MAY 27 ERL										
H= 04 06 50.4										
LAT = 55.0 N										
LONG= 156.3 E										
DEPTH=409 KM										
MAGNITUDE= 5.7										
KAMCHATKA										
HOF	-I Z SL	P	04 17 27.-	1.5	3.17	9	7890	70.9	20.8	336.7
	+I Z SL	PCP	04 17 44.-	1.5	2.09	3				
	-I Z SL	AP	04 18 59.-	1.5	3.64	9				
	-I Z SL	-	04 19 10.-	2.0	2.50	3				
	+I Z SL	XPCP	04 21 02.-	2.0	2.71	5				
	-I Z SL	PP	04 21 15.-	2.0	3.80	7				
BNS	-I Z FS	P	04 17 28.4	1.5	2.90		7930	71.3	18.2	339.9
	E Z FS	-	04 18 56.-							
GRF	-I Z BE	P	04 17 31.1	1.0	3.07	9	7970	71.7	20.3	336.9
	-I Z BE	AP	04 19 03.3			4				
	E Z BE	PP	04 20 15.8			2				
STU	-I Z BE	P	04 17 37.5	1.2	2.91	6	8110	73.0	19.1	337.9
FUR	-I Z SL	P	04 17 39.-	1.5	2.60	9	8130	73.1	20.2	336.3
	-I Z SL	PCP	04 17 53.-	1.5	2.15	6				
	-I Z SL	PP	04 20 26.-	1.5	2.00	2				
	+E Z SL	APP	04 21 48.-	2.0	2.51	6				
	+I Z SL	PPP	04 22 17.-	2.0	2.21	3				
	+I Z SL	-	04 23 13.-	1.9	1.96	9				
	+I Z SL	-	04 23 26.-	1.8	2.08	8				
BUH	-I Z GT	P	04 17 40.0				8150	73.3	18.6	338.5
	E Z GT	-	04 19 12.8							
	E Z GT	-	04 20 30.6							
MAY 27										
NO DETERMINATION OF EPICENTER										
GRF	+E Z BE	P	08 45 29.9	1.0	1.62	3				
MAY 27										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	08 50 22.0							

MAY 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 27										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 01 04.2			2				
	E N BE	SG	11 01 50.3			2				
MAY 27										
NO DETERMINATION OF EPICENTER										
BNS= ROCKBURST SUPPOSED										
BNS	E Z FS	PG	21 53 08.2							
	E N X	SG	21 53 15.-							
	E Z FS	-	21 53 24.5	1.4	2.34					
MAY 28 ERL										
H= 00 54 52.0										
LAT = 22.0 S										
LONG= 179.7 W										
DEPTH=610 KM (GFOPHYSICIST)										
MAGNITUDE= 5.0										
SOUTH OF FIJI ISLANDS										
BNS	+I Z FS	PKP	01 13 37.0	1.0	1.60		16750	150.6	13.1	351.1
GRF	-E Z BE	PKP	01 13 38.9	0.9	1.33	3	16800	151.1	21.3	345.3
	-E Z BE	-	01 13 49.6			2				
MAY 28 ERL										
H= 01 55 21.9										
LAT = 11.0 S										
LONG= 117.1 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 6.3										
SOUTH OF SUMBAWA ISLAND										
HOF	+I Z SL	PP	02 14 12.-	10.0	3.98	9	12020	108.1	85.4	319.4
	-E Z SL	PPP	02 16 31.-	7.0	3.31	9				
	+E Z SL	-	02 18 21.-	6.0	3.41	9				
	-E Z SL	SP	02 23 29.-	5.0	3.11	4				
	-E Z SL	-	02 24 34.-	8.0	3.40	4				
	-E Z SL	SSS	02 29 32.-	9.0	3.45	2				
	Z SL	RM	03 05 00.-	18.0	4.21					
GRF	E Z BE	-	02 13 08.5			1	12070	108.6	85.1	318.8
	+E Z BE	-	02 13 49.7			2				
	+E Z BE	PKP	02 13 58.5			3				
	+E Z BE	-	02 14 11.4			2				
	-I Z BE	PKP	02 14 14.4			5				
	-E Z BE	-	02 14 25.3			4				
FUR	+I Z SL	PKP1	02 13 48.-	1.9	1.86	2	12080	108.7	85.7	317.2
	+I Z SL	APKP	02 13 56.-	2.4	2.44	2				
	+I Z SL	PP	02 14 11.-	2.6	2.82	3				
	E SL	RM	03 07 30.-	21.0	3.95					

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						2	12240	110.1	80.9	323.8
HLG	+E Z SL	P	02 09 52.-			4				
	Z SL	PKIKP	02 14 20.-							
							12260	110.3	82.8	319.5
TNS	-I Z SL	PP	02 14 26.0							
	E Z SL	PPP	02 16 48.0							
	E Z SL	PKS	02 17 12.0							
	E Z SL	PS	02 23 54.0							
						4	12280	110.5	83.2	318.2
KRL	+E Z WH	PP	02 14 28.2	5.0						
							12300	110.6	83.2	317.9
BUH	E Z GT	PKP	02 13 12.0							
	E Z GT	-	02 13 27.5							
							12340	111.0	81.5	320.4
BNS	E Z SL	P	02 09 55.-							
	E Z SL	PP	02 14 24.-							
	E Z FS	-	02 14 29.-	2.4	2.89					
	I Z SL	SP	02 24 02.-							
	E Z SL	LR	02 49 40.-	50.0						
	Z SL	-	02 59 00.-	30.0						

MAY 28 ERL
H= 03 14 36.3
LAT = 38.9 N
LONG= 30.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
TURKEY

MAY 28 BCS
H= 03 14 40.0
LAT = 38.9 N
LONG= 29.8 E
TURKEY

FUR	+I Z SL	P	03 18 30.-	1.8	2.05	3	1820	16.4	117.4	310.3
	-I Z SL	XP	03 18 38.-	1.9	2.10	7				
	-I Z SL	-	03 19 05.-	2.0	2.26	2				
GRF	+E Z BE	P	03 18 37.4	1.3	1.73	3	1910	17.2	121.7	314.9
BUH	E Z GT	P	03 18 51.7				2050	18.4	113.8	308.9

MAY 28 ERL
H= 04 03 34.2
LAT = 41.6 N
LONG= 142.0 E
DEPTH= 74 KM
MAGNITUDE= 4.9
HOKKAIDO, JAPAN REGION

GRF	-E Z BE	P	04 15 34.7			3	8820	79.4	35.3	330.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 28 BCS
H= 06 09 25.0
LAT = 46.5 N
LONG= 14.9 E
YUGOSLAVIA

BCIS= FELT IV-V IN THE MEZA-VALLEY (LJU).

GRF	E Z BE	PG	06 10 43.1			1	450	4.0	140.9	323.6
	E N BE	SG	06 11 34.2			2				

MAY 28 ERL
H= 10 40 35.7
LAT = 43.4 N
LONG= 147.8 E
DEPTH= 36 KM
MAGNITUDE= 4.7
KURIL ISLANDS

GRF	-E Z BE	P	10 52 43.2	1.0	1.46	4	8880	79.8	30.6	333.0
	E Z BE	AP	10 52 55.7			2				

MAY 28 ERL
H= 14 10 14.3
LAT = 43.7 N
LONG= 147.5 E
DEPTH= 33 KM (NORMAL)
KURIL ISLANDS

GRF	E Z BE	P	14 22 19.4			1	8840	79.5	30.7	332.8

MAY 28 ERL
H= 18 12 36.2
LAT = 18.0 S
LONG= 179.4 W
DEPTH=621 KM
MAGNITUDE= 5.1
FIJI ISLANDS REGION

BNS	-I Z FS	PKP	18 31 11.0	0.7	2.11		16310	146.7	11.4	352.4
	I Z FS	-	18 31 13.5							
GRF	-I Z BE	PKP	18 31 12.9	0.8	1.88	9	16380	147.3	18.9	347.2
	E Z BE	APKP	18 33 34.8			2				
STU	-E Z BE	PKP	18 31 11.0	0.8	1.44	1	16520	148.5	15.8	349.1
BUH	E Z GT	PKP	18 31 11.0				16550	148.8	14.1	350.2
	E Z GT	PKP	18 31 16.3							
	E Z GT	PKP	18 31 22.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 29 ERL H= 07 49 22.1 LAT = 43.5 N LONG= 147.7 E DEPTH= 30 KM (GEOPHYSICIST) MAGNITUDE= 4.4 KURIL ISLANDS										
GRF	E Z BE	P	08 01 29.9			2	8860	79.7	30.6	333.0
MAY 29 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	17 49 53.5							
MAY 29 ERL H= 19 07 56.0 LAT = 36.4 N LONG= 70.8 E DEPTH=236 KM MAGNITUDE= 5.2 HINDU KUSH REGION										
GRF	E Z BE	P	19 15 44.5			1	4940	44.4	84.1	306.8
	E Z BE	AP	19 16 33.6			1				
MAY 29 BCS H= 19 58 42.0 LAT = 43.6 N LONG= 13.8 E CENTRAL ITALY										
MAY 29 ERL H= 19 58 43.8 LAT = 43.7 N LONG= 13.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 CENTRAL ITALY										
FUR	+I Z SL	PB	20 00 06.-	1.0	2.08	2	540	4.9	158.0	339.8
	-I Z SL	PG	20 00 25.-	1.5	1.78	5				
	-I Z SL	SN	20 00 58.-	1.5	1.56	9				
	+I Z SL	SB	20 01 15.-	1.5	1.60	9				
	-I Z SL	SG	20 01 25.-	1.5	1.60	2				
	Z SL	MAXIMUM	20 02 10.-	1.5	2.26					
GRF	E Z BE	PG	20 00 16.2			1	710	6.3	162.8	344.6
	E N BE	SG	20 01 28.0			4				
BUH	E Z GT	PN	20 00 18.5				710	6.4	140.6	324.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MAY 30 ERL H= 03 56 24.5 LAT = 15.8 S LONG= 173.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.4 TONGA ISLANDS										
GRF	-E Z BE	PKP	04 16 04.2			2	16240	146.0	7.4	355.0
MAY 30 ERL H= 06 38 16.8 LAT = 38.3 N LONG= 69.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 TADZHIK SSR										
GRF	E Z BE	P	06 46 11.7			2	4720	42.4	82.6	305.0
MAY 30 ERL H= 19 54 28.9 LAT = 56.9 N LONG= 33.8 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.2 NORTH ATLANTIC OCEAN										
GRF	E Z BE	P	20 00 12.0			2	3050	27.4	302.5	85.8
FUR	-I Z SL	P	20 00 23.-	1.5	1.54	3	3150	28.3	304.9	88.4
	N SL	RM	20 16 00.-	15.0	2.84					
MAY 30 ERL H= 23 56 21.5 LAT = 43.8 N LONG= 13.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.1 CENTRAL ITALY										
MAY 30 BCS H= 23 56 22.0 LAT = 43.7 N LONG= 13.5 E CENTRAL ITALY										
BCIS= FELT AT ANCONA (RMP).										
FUR	+I Z SL	PG	23 57 55.-	1.0	1.91	2	510	4.6	160.6	342.2
	-I Z SL	SB	23 58 41.-	1.2	1.72	1				
	+I Z SL	SG	23 58 56.-	1.5	1.56	2				
	Z SL	MAXIMUM	23 59 40.-	1.7	2.42					

MAY 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
							670	6.1	141.9	325.6
BUH	E Z GT	PN	23 57 52.7			1	680	6.1	165.0	346.6
GRF	E Z BE	PG	23 57 50.4			4				
	E N BE	SG	23 58 58.1							

MAY 31
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST SUPPOSED

BNS	+I Z FS	PG	00 21 13.8			
	E E X	SG	00 21 21.6			
	E Z FS	-	00 21 41.-	1.5	2.04	

MAY 31 BCS
H= 08 59 05.0
LAT = 49.1 N
LONG= 6.7 E
FRANCE

BCIS= FELT. PROBABLY ROCKBURST NEAR MERLEBACH.

BUH	E Z GT	PN	08 59 25.2				120	1.1	293.4	112.3

MAY 31
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	I Z FS	PG	09 48 36.8			
	E Z FS	SG	09 48 42.-			
	E Z FS	-	09 48 48.-	1.3	2.04	

MAY 31 BCS
H= 11 41 44.0
LAT = 47.7 N
LONG= 7.7 E
GERMANY

BCIS= SOUTHERN RHINEGRABEN. NEAR KANDERN, BADEN.

BUH	-E Z GT	PN	11 42 02.0				120	1.0	200.1	19.7
FUR	+E Z SL	PG	11 42 39.-	1.9	1.66	3	270	2.5	260.4	77.7
	Z SL	MAXIMUM	11 44 11.-	1.5	1.45					
GRF	E Z JM	PN	11 42 41.3			1	340	3.1	230.8	48.1
	E Z JM	PG	11 42 46.5			2				
	E N BE	SG	11 43 20.1			4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 31
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	15 38 40.0							

MAY 31
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	17 37 32.4			1				
	E N BE	SG	17 38 38.5			2				
FUR	+I Z SL	P	17 38 56.-	1.8	1.72	2				
	Z SL	MAXIMUM	17 40 15.-	1.5	1.78					
BUH	E Z GT	P	17 39 35.5							
BNS	E Z FS	P	17 40 11.0							

JUN 01
NO DETERMINATION OF EPICENTER

GRF	-E Z BE	P	00 30 11.0			3				

JUN 01 ERL
H= 03 08 25.1
LAT = 51.0 N
LONG= 169.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
FOX ISLANDS, ALEUTIAN ISLANDS

BNS	-I Z FS	P	03 20 25.0	1.0	1.48		8710	78.3	357.9	2.1
	E Z FS	-	03 20 34.-							
GRF	-E Z BE	P	03 20 32.8	0.9	1.55	4	8860	79.6	0.5	359.5
BUH	E Z GT	P	03 20 37.6				8970	80.6	358.6	1.5
FUR	+I Z SL	P	03 20 41.-	1.5	1.30	5	9030	81.2	0.5	359.4
	-I Z SL	PCP	03 20 43.-	1.1	2.11	2				
	+I Z SL	AP	03 20 49.-	2.0	1.99	5				
	-E Z SL	-	03 21 06.-	1.6	1.32	5				

JUN 01
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	04 23 45.0	1.2	1.67	4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
JUN 01 ERL H= 06 23 44.2 LAT = 21.1 S LONG= 174.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 TONGA ISLANDS									
BNS	+I Z FS	PKP	06 43 33.3	1.5	1.70		16700	150.2	2.9 358.0
GRF	+E Z BE	PKP	06 43 36.4	0.8	1.41	2	16810	151.2	10.8 352.5
FUR	+I Z SL	PKHKP	06 43 39.-	1.5	1.51	8	16980	152.7	11.5 351.8
	+I Z SL	APKP	06 43 45.-	1.0	2.08	6			
	+I Z SL	PKP2	06 43 53.-	2.0	1.99	9			
JUN 01 ERL H= 09 33 31.0 LAT = 47.5 N LONG= 152.4 E DEPTH= 85 KM MAGNITUDE= 4.1 KURIL ISLANDS									
GRF	-E Z BE	P	09 45 20.0			3	8630	77.6	25.8 335.4
JUN 01 ERL H= 12 46 08.2 LAT = 43.8 N LONG= 139.9 E DEPTH=162 KM MAGNITUDE= 4.4 EASTERN SEA OF JAPAN									
GRF	E Z BE	P	12 57 42.8	0.8	1.31	2	8530	76.7	35.5 328.6
JUN 01 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PG	14 27 21.8						
JUN 02 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PG	06 45 09.8						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
JUN 02 NFB H= 14 45 00.7 LAT = 51.6 N LONG= 9.7 E DEPTH= 0 KM (GEOPHYSICIST) GERMANY									
NFB= QUARRYBLAST AT ADELEBSEN, SHOTPOINT NO. 6 H= 14 45 00.72, 51 DEG. 36 MIN. 33.6 SEC. N, 9 DEG. 44 MIN. 46.2 SEC. E, HEIGHT= 350 METERS, CHARGE= 8.4 TONS									
BNS	E Z FS	PG	14 45 30.-				190	1.7	67.2 249.2
	E N X	SG	14 45 58.-						
	E N X	-	14 46 02.-						
GRF	E Z BE	PG	14 45 42.6			2	240	2.1	334.6 153.4
	-E N BE	SG	14 46 09.3			4			
JUN 02 ERL H= 15 02 50.1 LAT = 33.5 N LONG= 140.8 E DEPTH= 59 KM MAGNITUDE= 4.8 SOUTH OF HONSHU, JAPAN									
GRF	E Z BE	P	15 15 25.5			1	9550	85.9	40.3 329.9
	-E Z BE	PCP	15 15 35.5			3			
JUN 02 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PG	16 08 38.5						
JUN 02 NO DETERMINATION OF EPICENTER									
GRF	E Z BE	P	18 53 38.6			1			
JUN 02 ERL H= 21 46 47.0 LAT = 51.8 N LONG= 174.6 W DEPTH= 50 KM MAGNITUDE= 4.9 ANDREANOF ISLANDS, ALEUTIAN IS.									
GRF	E Z BE	P	21 58 46.7			1	8760	78.8	3.7 356.1

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 02 ERL H= 22 50 47.4 LAT = 3.6 N LONG= 96.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 NORTHERN SUMATRA										
FUR	-I Z SL	P	23 03 26.-	1.8	1.65	6	9380	84.3	91.0	317.9
	+E Z SL	PCP	23 03 29.-	1.7	1.46	5				
	-E Z SL	AP	23 03 36.-	1.5	1.30	2				
	-I Z SL	-	23 04 32.-	2.0	2.03	2				
	-I Z SL	-	23 04 45.-	1.5	1.60	2				
GRF	+E Z BE	P	23 03 18.3	0.9	1.61	2	9380	84.4	91.1	319.4
	-E Z BE	PCP	23 03 34.1			3				
	E Z BE	PP	23 06 36.6			1				
STU	+E Z BE	P	23 03 24.6	0.7	1.59	2	9530	85.7	89.5	318.5
BUH	E Z GT	P	23 03 27.8				9600	86.3	88.8	318.4
JUN 03 ERL H= 18 40 28.8 LAT = 27.1 N LONG= 44.6 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 NORTH ATLANTIC RIDGE										
BUH	E Z GT	P	18 48 49.7				5100	45.8	261.8	47.4
FUR	-I Z SL	AP	18 49 11.-	2.0	1.81	6	5310	47.8	264.7	48.4
	-E Z SL	-	18 49 45.-	2.0	1.99	2				
GRF	E Z BE	P	18 49 05.4			2	5330	47.9	263.3	46.4
	E Z BE	PCP	18 50 34.0			1				
JUN 04 ERL H= 10 11 47.9 LAT = 0.3 S LONG= 67.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.2 CARLSBERG RIDGE										
GRF	E Z BE	P	10 22 52.8			1	7680	69.1	117.1	324.7
JUN 04 ERL H= 10 24 58.2 LAT = 0.6 S LONG= 67.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 CARLSBERG RIDGE										

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+E Z SL	P	10 35 57.-	2.4	2.26	3	7620	68.6	116.9	323.3
	+E Z SL	AP	10 36 03.-	2.0	1.99	9				
	+E Z SL	XP	10 36 08.-	3.0	2.38	3				
HOF	+E Z SL	P	10 36 03.-	2.0	2.20	3	7700	69.2	118.2	325.6
	+E Z SL	AP	10 36 08.-	1.5	1.86	3				
	+E Z SL	XP	10 36 13.-	1.5	2.09	5				
GRF	+E Z BE	P	10 36 02.1			3	7710	69.3	117.4	324.8
BUH	E Z GT	P	10 36 10.0				7850	70.6	114.5	322.9
JUN 04 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	11 35 52.-	1.5	1.08	3				
	Z SL	MAXIMUM	11 36 46.-	1.8	1.78					
GRF	E Z BE	PG	11 36 10.3			1				
	E N BE	SG	11 36 41.0			2				
JUN 04 ERL H= 16 48 16.1 LAT = 20.3 N LONG= 65.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 NORTH ATLANTIC OCEAN										
BUH	E Z GT	P	16 58 58.0				7160	64.4	272.0	44.9
JUN 04 ERL H= 18 37 50.1 LAT = 15.7 N LONG= 94.5 W DEPTH= 81 KM MAGNITUDE= 4.6 NEAR COAST OF OAXACA, MEXICO										
BNS	E Z FS	P	18 50 20.0				9460	85.1	288.8	38.4
	E Z FS	-	18 50 29.0							
GRF	E Z BE	P	18 50 33.7			1	9780	87.9	291.9	38.7
	-E Z BE	PCP	18 50 45.4			2				
JUN 04 ERL H= 22 12 37.8 LAT = 15.3 S LONG= 173.3 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 TONGA ISLANDS										
BNS	I Z FS	PKP	22 32 10.8	1.5	1.70		16050	144.4	0.8	359.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z FS	-	22 32 24.5	1.0	1.73	4	16170	145.5	7.7	354.8
GRF	-E Z BE	PKHKP	22 32 14.8			2				
	E Z BE	PKIKP	22 32 28.6				16310	146.6	2.7	358.2
BUH	E Z GT	PKP	22 32 18.0	1.5	1.51	8	16340	147.0	8.1	354.4
FUR	-I Z SL	PKP1	22 32 19.-	1.5	1.64	3				
	+I Z SL	PKHKP	22 32 21.-	1.5	1.56	3				
	+I Z SL	APKP	22 32 28.-	1.5	1.60	2				
	-I Z SL	APKP	22 32 35.-	2.0	2.21	4				
	-I Z SL	-	22 32 41.-							

JUN 05
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	05 24 35.1

JUN 05
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	05 42 52.2

JUN 05 ERL
H= 10 44 59.2
LAT = 37.8 N
LONG= 21.4 E
DEPTH= 69 KM
MAGNITUDE= 4.2
SOUTHERN GREECE

JUN 05 BCS
H= 10 45 04.0
LAT = 37.9 N
LONG= 21.6 E
DEPTH= 90 KM
SOUTHERN GREECE

FUR	+E Z SL	P	10 48 04.-	1.5	1.30	5	1410	12.7	140.9	327.8
	-I Z SL	AP	10 48 10.-	1.2	1.72	5				
	+E Z SL	PP	10 48 16.-	1.3	1.68	2				
	-E Z SL	-	10 48 32.-	1.3	1.68	6				
	+I Z SL	-	10 48 50.-	1.9	1.86	3				
	+I Z SL	-	10 50 54.-	1.7	1.77	3				
	-I Z SL	S	10 51 12.-	1.5	1.51	4				
	Z SL	RM	10 53 00.-	5.0	3.14					
GRF	-E Z BE	P	10 48 22.6			2	1550	13.9	144.6	331.6
BUH	E Z GT	P	10 48 29.5				1610	14.4	133.8	322.9
BNS	E Z FS	P	10 48 51.0	1.2	1.48		1840	16.6	137.1	327.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUN 05
NO DETERMINATION OF EPICENTER

BUH	+I Z GT	PG	15 17 16.9							

JUN 05
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	16 07 02.1			1				

JUN 06 ERL
H= 02 19 41.6
LAT = 51.6 N
LONG= 178.3 W
DEPTH= 51 KM
MAGNITUDE= 5.3
ANDREANOF ISLANDS, ALEUTIAN IS.

BNS	+I Z FS	P	02 31 34.7	1.5	1.70		8640	77.7	3.5	356.5
	E Z FS	-	02 32 15.5							
GRF	+E Z BE	P	02 31 41.1	0.8	1.66	4	8760	78.8	6.0	353.7
BUH	E Z GT	P	02 31 46.7				8890	80.0	4.1	355.6
FUR	-I Z SL	P	02 31 50.-	1.5	1.45	2	8930	80.3	6.0	353.5

JUN 06 BCS
H= 05 25 50.0
LAT = 32.9 N
LONG= 39.4 W
NORTH ATLANTIC RIDGE

JUN 06 ERL
H= 05 25 50.2
LAT = 32.9 N
LONG= 39.9 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.5
NORTH ATLANTIC RIDGE

BNS= MPV= 5.6

BNS	+I Z FS	P	05 33 11.9	2.8	2.53		4260	38.3	260.1	47.8
	+E Z SL	-	05 33 12.-	4.0						
	E Z SL	S	05 39 08.-							
	Z SL	LR	05 43 48.-	30.0						
	Z SL	-	05 44 40.-	28.0						
BUH	E Z GT	P	05 33 14.2				4300	38.7	263.9	51.6
TNS	E Z SL	P	05 33 19.5			3	4340	39.0	262.2	49.2
HLG	Z SL	P	05 33 20.-			2	4380	39.4	256.9	42.9

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						3	4500	40.4	259.7	44.4
HAM	E Z SX	P	05 33 29.-							
			05 33 32.-	2.6	2.73	9	4520	40.7	267.0	52.6
FUR	+E Z SL	P	05 33 38.-	2.0	2.21	8				
	-I Z SL	AP	05 35 07.-	2.0	1.93	5				
	-I Z SL	PP	05 35 39.-	1.5	1.45	7				
	+I Z SL	PPP	05 35 46.-	2.0	2.15	2				
	-I Z SL	XPCP	05 48 40.-	10.0	3.20					
	Z SL	QM								
						2	4530	40.7	265.2	50.3
GRF	E Z BE	P	05 33 31.8							
			05 33 34.-	2.0	2.73	6	4580	41.2	265.0	49.4
HOF	+I Z SL	P	05 33 42.-	2.0	2.50	5				
	-E Z SL	AP	05 33 46.-	2.0	2.65	2				
	+E Z SL	XP	05 35 12.-	2.0	2.50	2				
	-E Z SL	PP	05 35 23.-	2.0	2.68	3				
	+E Z SL	XPP	05 35 38.-	2.0	2.20	2				
	+E Z SL	PCP	05 49 00.-	17.0	4.06					
	Z SL	QM								
						4	4700	42.2	263.8	46.4
BRN	E Z ET	P	05 33 45.5							

JUN 06
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	07 31 29.8							

JUN 06 ERL
H= 10 43 32.6
LAT = 55.9 N
LONG= 163.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
OFF EAST COAST OF KAMCHATKA

GRF	E Z BE	P	10 54 55.8			1	8040	72.3	15.8	341.7

JUN 06
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	13 05 00.-	2.0	2.03					

JUN 06
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	13 17 42.-	2.0	1.94					

JUN 06 ERL
H= 17 54 43.3
LAT = 26.9 N
LONG= 53.4 E
DEPTH= 54 KM
MAGNITUDE= 4.3
SOUTHERN IRAN

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUN 06 BCS
H= 17 54 44.0
LAT = 26.8 N
LONG= 53.6 E
SOUTHERN IRAN

NOS= FELT.

FUR	+I Z SL	P	18 02 06.-	1.8	2.17	9	4330	39.0	107.7	314.5
	+I Z SL	AP	18 02 12.-	1.9	1.96	3				
	-I Z SL	XP	18 02 20.-	1.5	1.56	2				
	+I Z SL	PP	18 03 31.-	1.8	1.78	2				
	+I Z SL	PPP	18 03 57.-	1.9	1.86	2				
GRF	+E Z BE	P	18 02 10.1	0.8	1.50	3	4390	39.5	109.5	316.7

JUN 06 BCS
H= 18 08 23.0
LAT = 47.2 N
LONG= 2.5 W
FRANCE

BNS	E Z FS	-	18 12 20.-				820	7.4	243.4	56.1
	E Z FS	-	18 12 36.-							

JUN 06 ERL
H= 19 55 57.7
LAT = 16.3 S
LONG= 173.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
TONGA ISLANDS

BNS	E Z FS	PKP	20 15 34.-				16170	145.4	0.8	359.5
	+I Z FS	-	20 15 45.5							
GRF	E Z BE	PKHKP	20 15 38.5			2	16290	146.5	7.8	354.7
	E Z BE	PKIKP	20 15 49.4			2				
FUR	-E Z SL	PKP1	20 15 44.-	1.2	1.62	4	16450	148.0	8.3	354.3
	+I Z SL	XPKP	20 15 58.-	2.0	1.88	2				
	-I Z SL	-	20 16 24.-	1.9	1.74	3				

JUN 07 ERL
H= 01 27 57.1
LAT = 49.8 N
LONG= 78.2 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 5.5
EASTERN KAZAKH SSR

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 07 BCS H= 01 28 00.0 LAT = 49.9 N LONG= 78.8 E DEPTH= 0 KM (GEOPHYSICIST) EASTERN KAZAKH SSR										
BCIS= SEMIPALATINSK AREA. ARTIFICIAL (UPP).										
HOF	-E Z SL	P	01 35 47.-	1.5	2.09	5	4590	41.3	64.1	297.2
GRF	+E Z BE	P	01 35 52.2	0.8	1.84	5	4670	42.0	63.2	296.6
FUR	+I Z SL	P	01 35 57.-	1.2	2.42	9	4740	42.6	61.7	294.6
	+I Z SL	PP	01 37 36.-	2.0	2.88	2				
BNS	-I Z FS	P	01 36 05.6	1.3	1.90		4860	43.7	62.6	300.0
	E Z FS	-	01 36 18.6							
BUH	+E Z GT	P	01 36 09.2				4910	44.2	61.0	296.7
JUN 07 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	10 26 11.-	1.5	1.20	2				
	Z SL	MAXIMUM	10 28 03.-	1.5	1.51					
JUN 07 ERL H= 10 50 12.1 LAT = 44.3 N LONG= 16.5 E DEPTH= 46 KM MAGNITUDE= 4.1 YUGOSLAVIA										
FUR	+E Z SL	PN	10 51 34.-	1.5	1.30	5	590	5.3	134.8	318.5
	+E Z SL	-	10 51 58.-	1.5	1.30	2				
	+I Z SL	SG	10 53 09.-	1.5	1.30	5				
	Z SL	MAXIMUM	10 53 50.-	1.5	1.64					
HOF	-E Z SL	SB	10 53 22.-	1.5	2.09	5	760	6.8	150.5	333.9
JUN 07 ERL H= 11 39 26.0 LAT = 31.9 S LONG= 178.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 KERMADEC ISLANDS REGION										
GRF	E Z BE	PKHKP	12 00 07.2			2	17890	160.9	25.2	341.0
FUR	+I Z SL	PKP2	12 00 14.-	1.3	2.05	5	18040	162.3	27.3	338.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 07 ERL H= 12 01 17.8 LAT = 2.5 N LONG= 128.2 E DEPTH=152 KM MAGNITUDE= 5.7 HALMAHERA										
FUR	-I Z SL	PKP1	12 19 42.-	2.0	2.03	5	11750	105.7	67.7	321.7
JUN 07 ERL H= 16 40 54.2 LAT = 55.0 N LONG= 157.8 E DEPTH=281 KM MAGNITUDE= 4.7 KAMCHATKA										
HOF	-E Z SL	-	16 51 45.-	1.5	2.09	5	7930	71.3	20.0	337.7
GRF	E Z BE	P	16 51 50.1	0.8	1.69	3	8010	72.0	19.5	337.9
	E Z BE	AP	16 53 01.3			2				
FUR	-I Z SL	P	16 51 58.-	1.5	1.51	8	8170	73.5	19.4	337.3
BUH	E Z GT	P	16 51 58.7				8190	73.6	17.7	339.5
JUN 07 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	17 37 13.5							
JUN 08 ERL H= 06 13 20.5 LAT = 51.1 N LONG= 169.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 FOX ISLANDS, ALEUTIAN ISLANDS										
GRF	-E Z BE	P	06 25 28.0			2	8850	79.6	0.5	359.5
JUN 08 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	09 05 20.-	1.5	1.30	5				
	Z SL	MAXIMUM	09 07 05.-	1.6	1.63					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 08 ERL										
H= 09 14 08.3										
LAT = 21.1 N										
LONG= 120.2 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.4										
TAIWAN REGION										
HOF	-I Z SL	P	09 26 43.-	2.0	2.76	9	9460	85.1	62.9	322.3
	-I Z SL	PGP	09 26 49.-	2.0	2.40	8				
	+I Z SL	XP	09 26 59.-	2.2	2.55	9				
	Z SL	RM	10 12 30.-	13.0	3.69					
GRF	-E Z BE	P	09 26 26.4	2.4	3.02	3	9530	85.7	62.3	322.0
FUR	-I Z SL	P	09 26 50.-	2.5	2.97	9	9610	86.4	62.3	320.6
	-I Z SL	-	09 26 55.-	1.8	2.49	4				
	-I Z SL	AP	09 27 01.-	1.7	2.37	2				
	+I Z SL	XP	09 27 06.-	1.7	2.42	2				
	N SL	RM	10 03 40.-	15.0	3.65					
BNS	-I Z FS	P	09 26 54.0	2.5	2.23		9720	87.4	59.4	324.4
	-I Z SL	-	09 26 54.-							
	E Z FS	-	09 27 04.-							
	E Z SL	S	09 37 32.-							
	E Z SL	LR	09 59 00.-							
	Z SL	-	10 09 40.-	18.0						
BUH	E Z GT	P	09 26 56.0				9780	87.9	60.1	322.0
JUN 08										
NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	09 15 02.-	1.0	2.08	2				
	Z SL	MAXIMUM	09 15 45.-	1.5	1.90					
BUH	E Z GT	PN	09 15 09.8							
GRF	E Z BE	PG	09 15 16.5			1				
	E N BE	SG	09 15 47.4			4				
JUN 08 ERL										
H= 09 39 21.4										
LAT = 34.1 N										
LONG= 46.2 E										
DEPTH= 18 KM										
MAGNITUDE= 4.9										
WESTERN IRAN										
JUN 08 BCS										
H= 09 39 32.0										
LAT = 34.4 N										
LONG= 46.6 E										
WESTERN IRAN										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOS= MINOR DAMAGE IN KERMANSHAH AREA.										
FUR	-I Z SL	P	09 45 26.-	1.8	1.87	3	3290	29.6	105.5	309.0
	+I Z SL	AP	09 45 31.-	1.7	1.94	2				
	-I Z SL	-	09 45 44.-	1.7	1.81	2				
GRF	E Z BE	P	09 45 30.8			1	3340	30.0	108.0	311.9
JUN 08										
NO DETERMINATION OF EPICENTER										
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.										
FUR	-I Z SL	-	11 09 58.-	1.5	1.30	5				
	Z SL	MAXIMUM	11 10 30.-	1.5	1.60					
JUN 08 BCS										
H= 11 48 22.0										
LAT = 47.5 N										
LONG= 10.8 E										
AUSTRIA										
FUR	+I Z SL	PG	11 48 47.-	1.3	1.60	1	80	0.7	205.9	25.6
	+I Z SL	SN	11 48 52.-	1.0	2.21	2				
	Z SL	MAXIMUM	11 49 35.-	1.7	2.25					
BUH	E Z GT	PN	11 48 55.4				230	2.1	123.3	305.3
GRF	E Z JM	PN	11 48 55.6			1	250	2.2	187.3	7.0
	E Z JM	PG	11 49 03.3			4				
	E N GT	SG	11 49 24.7			2				
	I N GT	SG	11 49 33.4			9				
JUN 08										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	12 59 15.8			2				
	E N BE	SG	12 59 47.7			4				
JUN 08										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	15 17 07.3							
JUN 08 ERL										
H= 16 15 56.1										
LAT = 19.4 S										
LONG= 177.1 W										
DEPTH=290 KM										
MAGNITUDE= 5.3										
FIJI ISLANDS REGION										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						2	16570	149.0	15.3	349.5
GRF	E Z BE	PKP	16 35 10.6							
			16 35 14.-	1.8	1.78	8	16740	150.5	15.2	348.6
FUR	+I Z SL	PKP1	16 35 22.-	1.9	1.74	1				
	+E Z SL	PKHKP								

JUN 08 ERL
H= 16 44 23.5
LAT = 21.0 N
LONG= 120.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
TAIWAN REGION

FUR	+E Z SL	P	16 57 06.-	1.5	1.30	5	9620	86.5	62.2	320.7
	+E Z SL	-	16 57 12.-	2.0	1.73	2				
	+E Z SL	AP	16 57 16.-	2.0	1.81	2				
	+E Z SL	XP	16 57 20.-	2.0	1.88	2				

JUN 08 ERL
H= 17 25 52.2
LAT = 43.2 N
LONG= 47.2 E
DEPTH= 51 KM
MAGNITUDE= 4.5
EASTERN CAUCASUS

JUN 08 BCS
H= 17 25 56.0
LAT = 43.1 N
LONG= 47.1 E
EASTERN CAUCASUS

FUR	-E Z SL	P	17 31 15.-	2.0	1.81	6	2830	25.4	87.7	293.8
	+I Z SL	AP	17 31 27.-	1.5	1.56	9				
	-I Z SL	-	17 31 46.-	1.5	1.60	2				
GRF	E Z BE	P	17 31 17.9			1	2830	25.4	90.9	297.3

JUN 08 ERL
H= 17 57 38.6
LAT = 22.6 S
LONG= 66.2 W
DEPTH=259 KM
MAGNITUDE= 5.4
JUJUY PROVINCE,ARGENTINA

BUH	E Z GT	P	18 10 40.9							
STU	+E Z BE	P	18 10 44.0	1.0	2.10	2	10780	97.0	243.7	40.0
FUR	+I Z SL	P	18 10 49.-	1.7	2.07	9	10850	97.6	244.4	40.2
	+I Z SL	-	18 10 53.-	1.5	1.51	3	10960	98.6	245.8	41.4
	+I Z SL	-	18 11 31.-	1.7	1.67	4				
	+I Z SL	AP	18 11 55.-	1.5	1.51	1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	PP	18 14 49.-	1.5	1.81	9				
	+E Z SL	APP	18 15 47.-	2.6	2.35	9				
	+E Z SL	XPP	18 16 17.-	3.2	2.42	3				
GRF	+E Z BE	P	18 10 51.9	0.9	1.49	4	11030	99.2	246.5	39.9

JUN 08 ERL
H= 18 53 41.7
LAT = 30.5 S
LONG= 71.8 W
DEPTH= 39 KM
MAGNITUDE= 6.2
NEAR COAST OF CENTRAL CHILE

BUH	E Z GT	P	19 07 51.8				11810	106.2	242.3	42.8
BNS	+E Z SL	P	19 07 53.-	28.0			11860	106.6	242.2	40.4
	E Z FS	-	19 07 57.-	2.5	2.11					
	E Z SL	PP	19 12 10.-	28.0						
	E Z SL	-	19 21 10.-							
	E Z SL	LR	19 44 00.-	56.0						
	Z SL	-	19 55 20.-	20.0						
TNS	E Z SL	P	19 08 05.0				11900	107.0	242.9	41.5
	E Z SL	PP	19 12 25.0							
	E E SL	PKS	19 15 42.0							
FUR	+E Z SL	P	19 07 59.-	1.5	1.60	9	11980	107.8	244.2	44.3
	-I Z SL	-	19 08 07.-	2.0	2.36	7				
	+I Z SL	XP	19 08 14.-	1.5	1.78	3				
	-I Z SL	PP	19 11 25.-	1.5	1.98	5				
	+I Z SL	PPP	19 13 53.-	2.6	1.74	3				
	+E Z SL	-	19 15 40.-	2.0	2.33	3				
	+E Z SL	PS	19 20 57.-	3.0	3.52	5				
	Z SL	RM	19 59 30.-	20.0	4.26					
GRF	E Z BE	P	19 08 04.3			2	12050	108.4	244.6	42.8
	E Z BE	PKP	19 12 07.3			3				
	E Z BE	-	19 12 29.1			2				
HOF	+E Z SL	P	19 08 04.-	1.5	1.86	3	12120	109.0	245.2	42.4
	+E Z SL	APCP	19 08 12.-	1.5	2.09	2				
	+E Z SL	XPCP	19 08 20.-	3.0	2.61	4				
	+E Z SL	-	19 12 35.-	4.0	3.02	9				
	+E Z SL	PPP	19 14 11.-	4.0	3.02	3				
	Z SL	RM	20 00 20.-	18.0	4.51					

JUN 08 ERL
H= 19 22 09.5
LAT = 30.5 S
LONG= 71.8 W
DEPTH= 57 KM
MAGNITUDE= 5.5
NEAR COAST OF CENTRAL CHILE

FUR	-E Z SL	P	19 36 24.-	1.7	1.46	2	11990	107.8	244.1	44.3

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+E Z SL	PP	19 40 50.-	2.4	2.31	9				
	Z SL	RM	20 30 30.-	17.0	3.43					
GRF	E Z BE	PKP	19 40 54.8			3	12060	108.4	244.5	42.8
JUN 09 ERL H= 00 19 56.8 LAT = 21.1 S LONG= 174.0 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 TONGA ISLANDS										
BNS	E Z FS	PKP	00 39 47.3	1.5	2.08		16700	150.2	2.3	358.5
HOF	+E Z SL	PKP2	00 40 00.-	1.5	2.34	3	16740	150.5	11.3	352.3
	+E Z SL	-	00 40 34.-	2.5	2.45	7				
GRF	E Z BE	PKP1	00 39 48.2			1	16810	151.2	10.2	352.9
	E Z BE	PKP2	00 39 57.8			2				
BUH	E Z GT	PKP	00 39 43.5				16950	152.5	4.6	356.7
FUR	+I Z SL	PKP1	00 39 53.-	1.5	1.30	5	16980	152.7	10.9	352.2
	+I Z SL	APKP	00 40 05.-	1.5	1.78	5				
	+I Z SL	PKP2	00 40 13.-	2.0	2.21	2				
	-I Z SL	-	00 40 18.-	2.0	2.21	2				
	-I Z SL	XPKP	00 40 28.-	1.5	1.86	2				
JUN 09 ERL H= 07 42 19.9 LAT = 34.8 N LONG= 26.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 CRETE										
JUN 09 BCS H= 07 42 28.0 LAT = 34.9 N LONG= 26.5 E DEPTH= 90 KM CRETE										
FUR	-I Z SL	P	07 46 22.-	1.3	1.68	1	1950	17.5	134.0	324.1
	+E Z SL	PP	07 46 40.-	1.7	1.46	5				
	+I Z SL	-	07 47 02.-	1.9	2.16	3				
	+I Z SL	-	07 47 21.-	1.5	1.78	3				
	+E Z SL	S	07 49 37.-	2.6	2.35	2				
	+E Z SL	SS	07 50 02.-	2.0	1.99	2				
	+I Z SL	SSS	07 50 17.-	2.0	2.03	2				
	+I Z SL	-	07 50 48.-	1.7	1.94	3				
	+E Z SL	PCP	07 50 57.-	2.0	1.94	8				
	Z SL	RM	07 54 30.-	14.0	3.42					

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	07 46 36.4			2	2070	18.6	137.1	327.5
HOF	+E Z SL	P	07 46 38.-	3.0	2.01	2	2090	18.8	139.8	329.8
	+E Z SL	PPP	07 47 02.-	2.0	1.98	3				
	-E Z SL	-	07 47 29.-	3.0	2.41	2				
	Z SL	RM	07 56 00.-	9.0	3.22					
BUH	E Z GT	P	07 46 45.1				2150	19.4	128.8	321.1
BNS	E Z FS	P	07 47 06.0	1.8	2.00		2370	21.4	131.5	324.9
	E Z SL	LR	07 53 48.-	30.0						
	Z SL	-	07 56 40.-	12.0						
JUN 09 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	10 37 48.9							
JUN 09 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 51 12.1			2				
	E N BE	SG	11 51 38.5			1				
JUN 10 ERL H= 03 31 24.1 LAT = 61.5 N LONG= 140.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 SOUTHERN YUKON TERRITORY, CANADA										
BNS	+I Z FS	P	03 42 02.0	2.0	2.04		7210	64.9	343.4	22.1
HOF	-I Z SL	P	03 42 15.-	2.0	2.20	2	7370	66.3	345.8	19.1
	-E Z SL	-	03 42 33.-	4.0	2.55	5				
GRF	-E Z BE	P	03 42 15.2			3	7430	66.8	345.6	19.8
BUH	E Z GT	P	03 42 18.0				7480	67.3	344.2	22.1
FUR	+I Z SL	P	03 42 25.-	2.0	2.03	1	7590	68.3	345.7	20.1
	-I Z SL	-	03 44 08.-	2.0	1.99	3				
	Z SL	RM	04 17 00.-	15.0	3.10					
JUN 10 ERL H= 08 03 48.1 LAT = 44.6 N LONG= 148.1 E DEPTH=142 KM MAGNITUDE= 5.1 KURIL ISLANDS										
GRF	+E Z BE	P	08 15 37.7	0.8	1.66	2	8760	78.8	29.8	333.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	P	08 15 45.-	1.9	1.81	7	8910	80.1	29.7	332.3

JUN 10 ERL
H= 12 22 06.6
LAT = 21.2 S
LONG= 174.3 W
DEPTH= 62 KM
MAGNITUDE= 5.2
TONGA ISLANDS

HOF	-E Z SL	PKP1	12 41 58.-	1.5	1.86	3	16750	150.6	11.7	352.0
GRF	E Z BE	PKP	12 42 03.6	1.4	2.01	1	16820	151.3	10.7	352.6
FUR	-E Z SL	PKP1	12 41 59.-	1.3	1.60	1	16990	152.8	11.4	351.9
	-I Z SL	-	12 42 41.-	1.5	1.45	7				

JUN 11 ERL
H= 04 31 19.3
LAT = 20.8 S
LONG= 175.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
TONGA ISLANDS

GRF	E Z BE	PKP	04 51 07.6	0.8	1.28	2	16670	149.9	12.2	351.6
FUR	+I Z SL	PKP1	04 51 12.-	1.5	1.38	6	16840	151.4	12.9	350.8

JUN 11 ERL
H= 14 29 56.8
LAT = 20.9 S
LONG= 175.4 W
DEPTH= 75 KM
MAGNITUDE= 5.6
TONGA ISLANDS

BNS	+I Z FS	PKP	14 49 40.0	1.5	1.95		16680	150.0	4.9	356.7
	E Z FS	-	14 49 57.8							
GRF	+E Z BE	PKP1	14 49 42.5	0.9	1.51	4	16770	150.8	12.8	351.1
	E Z BE	PKP2	14 49 49.7			3				
BUH	E Z GT	PKP	14 49 45.1				16920	152.2	7.3	354.8

JUN 11 BGS
H= 16 07 56.6
LAT = 57.1 N
LONG= 6.2 W
DEPTH= 0 KM (GEOPHYSICIST)
UNITED KINGDOM

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUN 11 ERL
H= 16 07 56.6
LAT = 57.1 N
LONG= 6.2 W
DEPTH= 0 KM
MAGNITUDE= 4.4
UNITED KINGDOM

NOS= 16 07 56.62 UT., 57 DEG. 03 MIN. 19 SEC. N, 6 DEG. 9 MIN. 9 SEC. W, 10500 KG. OF TNT AND AMITOL EQUIVALENT TO APPROXIMATELY 12700 KG. OF TNT FIRED AT 210 METERS IN 260 METERS OF WATER. INSTITUTE OF GEOLOGICAL SCIENCES.

BUH	E Z GT	P	16 10 48.0				1340	12.1	319.5	128.0
GRF	E Z BE	P	16 10 58.8			1	1410	12.7	312.1	118.1

JUN 11 ERL
H= 16 41 00.9
LAT = 3.9 N
LONG= 124.3 E
DEPTH=325 KM (GEOPHYSICIST)
MAGNITUDE= 5.8
CELEBES SEA

HOF	-I Z SL	P	16 54 19.-	4.0	4.07	9	11240	101.1	70.0	322.9
	+I Z SL	AP	16 55 34.-	3.0	3.25	9				
	-I Z SL	PP	16 58 25.-	3.5	3.81	2				
	-I Z SL	APP	16 59 47.-	6.0	4.03	9				
	-I Z SL	PPP	17 00 52.-	10.0	4.79	6				
	+I Z SL	SP	17 06 58.-	5.0	4.08	4				
	Z SL	RM	17 45 30.-	20.0	5.42					
GRF	-E Z BE	P	16 54 20.3			5	11310	101.7	69.6	322.4
	+I Z BE	-	16 54 26.4			9				
	E Z GL	AP	16 55 39.0			4				
	E Z GL	PP	16 58 40.0			9				
	E Z GL	XPP	16 59 49.0			3				
	E Z GL	-	17 02 30.-			2				
	E N GL	S	17 05 33.-			4				
	E N GL	PS	17 07 51.-			2				
	E Z BE	PKKP	17 10 30.4			2				
	E Z BE	-	17 36 51.8			1				
	E Z BE	-	17 39 30.4			2				
HLG	Z SL	P	16 54 24.-			9	11330	101.9	65.9	327.5
	Z X	P	16 54 24.-			1				
FUR	+I Z SL	P	16 54 21.-	2.0	2.43	4	11360	102.2	69.9	320.9
	E SL	RM	17 46 30.-	21.0	5.19					
TNS	-I Z SL	P	16 54 30.0				11470	103.1	67.2	323.6
	I Z SL	AP	16 55 46.0							
	I Z SL	PP	16 58 32.0							
	E Z SL	PPP	17 01 00.0							
	E E SL	SKS	17 04 36.0							
	E E SL	PS	17 08 08.0							

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
STU	AE Z BE	P	16 54 25.5	2.0	3.52	2	11480	103.2	68.1	322.0
BOC	-E Z BH	P	16 54 29.7	3.5	4.43	3	11490	103.4	65.9	325.1
	+E Z BH	PP	16 58 50.5	3.5	4.51	3				
BNS	-E Z SL	P	16 54 27.-				11520	103.6	66.0	324.6
	-I Z FS	-	16 54 30.5	2.9	3.66					
	-I Z SL	-	16 54 32.-	16.0						
	E Z FS	-	16 54 46.-							
	E Z FS	PP	16 58 46.-	2.0	3.48					
	E Z SL	LR	17 19 40.-							
	Z SL	-	17 22 00.-	32.0						
KRL	+E Z ST	P	16 55 28.4	1.8		2	11520	103.6	67.4	322.5
	+I Z ST	PP	16 59 58.8	4.0						
BUH	E Z GT	P	16 54 28.5				11550	103.9	67.4	322.2
	E Z GT	-	16 58 41.0							
	E Z GT	-	16 58 57.6							

JUN 11
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	17 36 58.2

JUN 11 ERL
H= 18 21 16.7
LAT = 13.5 N
LONG= 90.6 W
DEPTH= 52 KM
MAGNITUDE= 5.1
NEAR COAST OF GUATEMALA

GRF	E Z BE	P	18 33 57.5			1	9710	87.3	287.6	39.5

JUN 11 ERL
H= 21 12 52.0
LAT = 40.1 N
LONG= 141.5 E
DEPTH= 98 KM
MAGNITUDE= 4.6
NEAR EAST COAST OF HONSHU, JAPAN

GRF	-I Z BE	P	21 24 55.0	0.7	1.40	3	8940	80.4	36.4	329.8

JUN 11
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	23 18 34.4

JUN 12
NO DETERMINATION OF EPICENTER

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PN	00 30 29.0							

JUN 12 ERL
H= 00 45 45.8
LAT = 12.4 S
LONG= 167.0 E
DEPTH=245 KM
MAGNITUDE= 5.5
SANTA CRUZ ISLANDS

GRF	E Z BE	PKHKP	01 04 35.0			4	15320	137.8	36.7	336.6
	E Z BE	-	01 04 42.8			2				
	-I Z BE	PKIKP	01 04 45.2			3				
	E Z BE	PP	01 07 36.0			2				
	E Z BE	APP	01 08 06.6			3				
BNS	+I Z FS	PKP	01 04 43.3	0.7	1.70		15360	138.1	30.4	340.9
	E Z FS	-	01 07 35.5							
FUR	-I Z SL	PKP	01 04 36.-	1.5	1.45	7	15450	139.0	37.8	335.2
	+I Z SL	-	01 04 40.-	1.6	1.32	5				
	+I Z SL	-	01 04 46.-	1.5	1.78	3				
	-E Z SL	SKP	01 08 02.-	2.0	2.03	2				
BUH	E Z GT	PKP	01 04 38.9				15540	139.7	33.2	338.2

JUN 12
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	01 26 24.0

JUN 12
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	01 26 53.7

JUN 12
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	03 33 42.1

JUN 12
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	06 22 46.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 12 ERL H= 09 30 32.6 LAT = 21.8 S LONG= 175.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 SOUTH OF FIJI ISLANDS										
GRF	E Z BE	PKP	09 50 25.3			2	16630	149.5	29.5	339.9
FUR	-E Z SL	PKP1	09 50 22.-	1.5	1.08	1	16770	150.8	30.9	338.3
	+I Z SL	PKP2	09 50 36.-	1.5	1.30	2				
	-I Z SL	APKP	09 50 44.-	1.5	1.45	1				
JUN 12 ERL H= 09 56 22.6 LAT = 5.2 N LONG= 78.2 W DEPTH= 27 KM MAGNITUDE= 5.6 SOUTH OF PANAMA										
BNS	-I Z FS	P	10 08 47.5	2.0	1.95		9240	83.1	269.7	39.4
	E Z FS	-	10 08 56.5							
BUH	E Z GT	P	10 08 51.0				9310	83.7	270.8	41.7
KRL	+I Z WH	-	10 09 27.0	3.0		7	9330	83.9	270.9	41.4
GRF	-E Z BE	P	10 09 01.3	1.2	1.90	4	9530	85.7	272.9	40.6
FUR	-I Z SL	P	10 09 01.-	2.0	2.48	9	9540	85.8	273.1	42.2
	+I Z SL	XP	10 09 12.-	2.0	2.21	5				
	+I Z SL	PP	10 12 21.-	1.9	1.81	1				
JUN 12 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	11 01 53.-	1.5	1.51	8				
JUN 12 ERL H= 11 19 44.4 LAT = 16.6 N LONG= 122.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 LUZON, PHILIPPINE ISLANDS										
FUR	-E Z SL	P	11 32 48.-	2.0	1.99	3	10140	91.2	63.4	321.3
	-E Z SL	XP	11 33 01.-	1.5	1.51	1				
JUN 12 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PG	11 41 13.0			2				
	E N BE	SG	11 41 39.3			2				
JUN 12 BCS H= 13 33 54.0 LAT = 32.9 N LONG= 46.8 E IRAN-IRAQ BORDER REGION										
JUN 12 ERL H= 13 34 00.7 LAT = 33.1 N LONG= 46.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 IRAN-IRAQ BORDER REGION										
FUR	+I Z SL	P	13 40 10.-	2.0	2.03	9	3410	30.7	106.7	310.3
	-I Z SL	-	13 40 12.-	1.0	2.61	4				
	+I Z SL	AP	13 40 16.-	1.0	2.56	2				
	-I Z SL	XP	13 40 20.-	1.2	2.02	1				
	+I Z SL	PP	13 41 04.-	1.5	1.56	5				
	-I Z SL	XPP	13 41 14.-	2.0	2.03	2				
	-E Z SL	S	13 45 00.-	1.5	1.60	1				
	Z SL	RM	13 57 30.-	13.0	3.16					
HOF	-E Z SL	P	13 40 14.-	1.5	2.09	5	3450	31.0	110.8	314.6
	+E Z SL	-	13 40 18.-	2.0	2.40	8				
	Z SL	RM	13 55 20.-	13.0	3.51					
GRF	+E Z BE	P	13 40 15.2	1.0	1.84	3	3470	31.2	109.1	313.1
BUH	E Z GT	P	13 40 27.8				3650	32.8	104.3	310.2
BNS	I Z FS	P	13 40 40.3	1.6	1.60		3790	34.0	106.6	313.9
HLG	Z SL	P	13 40 44.-			3	3860	34.7	111.8	319.6
JUN 12 ERL H= 13 39 58.8 LAT = 33.1 N LONG= 46.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 IRAN-IRAQ BORDER REGION										
FUR	-I Z SL	P	13 46 08.-	1.5	1.64	6	3350	30.2	107.0	310.3
GRF	E Z BE	P	13 46 12.2			2	3410	30.7	109.4	313.1
	E Z BE	PP	13 46 54.4			4				
JUN 12 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.	
BUH	E Z GT	PG	14 09 47.7								
JUN 12 ERL H= 19 47 37.2 LAT = 53.3 N LONG= 166.8 W DEPTH= 44 KM MAGNITUDE= 5.8 FOX ISLANDS, ALEUTIAN ISLANDS											
HLG	+ Z SL	P	19 59 02.-			7	8090	72.7	356.7	3.3	
HAM	E Z SX	P	19 59 09.-			4	8180	73.5	357.9	2.1	
BRN	E Z ET	P	19 59 12.0			3	8300	74.6	360.0	0.0	
BNS	-I Z FS	P	19 59 21.4	1.8	2.48		8440	75.9	356.3	3.9	
	+I Z SL	-	19 59 22.-								
	E Z SL	PP	20 02 03.-								
	E Z SL	LR	20 24 04.-								
	Z SL	-	20 35 30.-	20.0							
HOF	+I Z SL	P	19 58 27.-	2.2	2.72	9	8530	76.7	359.2	0.9	
	+E Z SL	APCP	19 58 42.-	2.2	2.24	3					
	Z SL	RM	20 37 50.-	16.0	3.70						
INS	+E Z SL	P	19 59 28.0			5	8530	76.7	357.1	3.1	
	E N SL	S	20 09 12.0								
GRF	+E Z BE	P	19 59 29.0	1.2	2.40	2	8600	77.3	358.8	1.3	
KRL	+I Z ST	-	20 00 34.2	3.0		8	8670	77.9	357.1	3.2	
STU	-E Z BE	P	19 59 34.3	1.5	2.33	3	8700	78.2	357.5	2.7	
BUH	E Z GT	P	19 59 34.2				8700	78.3	355.9	3.4	
FUR	-I Z SL	P	19 59 38.-	2.0	2.88	9	8770	78.8	358.8	1.3	
	+I Z SL	APCP	19 59 55.-	2.0	2.43	3					
	-I Z SL	-	20 00 06.-	1.5	2.00	4					
	-I Z SL	-	20 00 32.-	1.6	2.05	4					
	+I Z SL	PP	20 02 36.-	1.9	2.10	2					
	E SL	RM	20 35 00.-	21.0	3.86						
JUN 12 NO DETERMINATION OF EPICENTER											
BNS	E Z FS	P	20 11 38.-								

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.	
JUN 13 ERL H= 00 55 37.3 LAT = 33.1 N LONG= 46.3 E DEPTH= 27 KM MAGNITUDE= 5.1 IRAN-IRAQ BORDER REGION											
JUN 13 BCS H= 00 55 38.0 LAT = 33.0 N LONG= 46.7 E IRAN-IRAQ BORDER REGION											
FUR	+I Z SL	P	01 01 46.-	1.5	1.81	3	3360	30.2	107.0	310.3	
	+I Z SL	AP	01 01 52.-	1.5	1.90	3					
	+I Z SL	-	01 02 38.-	1.5	1.45	1					
	+I Z SL	PP	01 02 49.-	1.5	1.60	5					
	-I Z SL	XPP	01 02 59.-	1.5	1.60	2					
	-I Z SL	-	01 03 24.-	1.9	1.91	5					
	+E Z SL	S	01 06 47.-	2.2	2.17	9					
	-E Z SL	XS	01 07 10.-	2.0	2.03	2					
	-E Z SL	SCP	01 08 14.-	2.0	2.08	6					
	N SL	QM	01 14 00.-	16.0	2.85						
GRF	-E Z BE	P	01 01 51.6	1.2	1.90	4	3420	30.7	109.4	313.1	
BUH	E Z GT	P	01 02 04.3				3590	32.3	104.6	310.2	
BNS	E Z FS	P	01 02 20.3	1.5	1.48		3730	33.5	106.9	313.9	
JUN 13 NO DETERMINATION OF EPICENTER											
GRF	E Z BE	P	06 54 07.0			1					
JUN 13 ERL H= 10 45 05.3 LAT = 54.9 N LONG= 126.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 EASTERN RUSSIA											
GRF	E Z BE	P	10 55 27.8			2	6950	62.5	36.1	318.5	
FUR	-I Z SL	P	10 55 37.-	1.7	1.77	9	7090	63.7	35.7	317.5	
	+I Z SL	AP	10 55 44.-	1.9	1.96	3					
	Z SL	RM	11 25 30.-	14.0	3.20						
BUH	E Z GT	P	10 55 37.6				7170	64.5	34.3	319.6	
JUN 13 NO DETERMINATION OF EPICENTER											

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	-	15 44 09.-	1.0	2.00	5				
	-I Z SL	-	15 44 36.-	1.5	1.45	7				
GRF	E Z BE	PG	15 44 19.6			2				
	E N GT	SN	15 44 43.3			1				
	E N GT	SG	15 44 53.8			1				

JUN 13 ERL
H= 16 58 36.1
LAT = 29.7 S
LONG= 177.3 W
DEPTH= 46 KM
MAGNITUDE= 5.5
KERMADEC ISLANDS

HOF	-E Z SL	PKP1	17 18 24.-	3.0	2.19	3	17600	158.3	22.1	343.9
	-E Z SL	XPKP	17 18 43.-	3.0	2.41	5				
	-I Z SL	PKP2	17 19 05.-	1.5	2.17	6				
BNS	E Z FS	PKP	17 19 04.0	2.0	2.23		17620	158.5	10.8	352.2
	E Z FS	-	17 19 16.5							
GRF	-E Z BE	PKP1	17 18 30.5			3	17680	159.0	21.2	344.4
	-E Z BE	PKP2	17 19 07.5	1.5	2.41	6				
FUR	+E Z SL	PKP1	17 18 31.-	1.7	1.77	9	17840	160.4	22.9	342.6
	-I Z SL	PKP2	17 19 14.-	1.7	2.47	9				
	+I Z SL	APKP	17 19 23.-	1.8	1.99	2				
	-I Z SL	-	17 19 33.-	1.8	1.87	9				
	-I Z SL	-	17 20 13.-	1.3	2.08	5				
	-I Z SL	-	17 20 32.-	1.5	1.72	4				
	+E Z SL	PP	17 22 54.-	2.0	2.08	2				
	+E Z SL	XPP	17 23 08.-	2.0	1.99	9				
BUH	E Z GT	PKP	17 18 31.0				17850	160.6	14.7	348.9
	E Z GT	PKP	17 19 12.5							

JUN 14 ERL
H= 00 49 54.4
LAT = 40.1 N
LONG= 51.9 E
DEPTH= 47 KM
MAGNITUDE= 4.7
CASPIAN SEA

GRF	E Z BE	P	00 55 43.8			1	3340	30.1	93.0	302.3
	E Z BE	P	00 56 14.4			2				

JUN 14 ERL
H= 00 52 35.7
LAT = 60.5 N
LONG= 153.4 W
DEPTH=152 KM
MAGNITUDE= 5.2
SOUTHERN ALASKA

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	I Z FS	P	01 03 19.0				7540	67.8	349.8	13.1
	E Z FS	-	01 03 54.-							
HOF	-E Z SL	P	01 03 26.-	2.0	1.98	3	7660	68.9	352.3	10.1
GRF	-E Z BE	P	01 03 30.0	0.6	1.27	5	7720	69.5	351.9	10.6
BUH	E Z GT	P	01 03 33.5				7800	70.2	350.5	12.8
FUR	-I Z SL	P	01 03 41.-	1.8	1.65	6	7890	71.0	352.1	10.8
	+I Z SL	XPCP	01 04 15.-	1.5	1.45	2				

JUN 14 BCS
H= 04 34 28.0
LAT = 33.0 N
LONG= 46.6 E
IRAN-IRAQ BORDER REGION

JUN 14 ERL
H= 04 34 28.1
LAT = 33.0 N
LONG= 46.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
IRAN-IRAQ BORDER REGION

FUR	+I Z SL	P	04 40 37.-	1.5	2.08	9	3390	30.5	106.8	310.3
	+I Z SL	-	04 40 54.-	1.8	1.78	8				
	+I Z SL	PP	04 41 33.-	1.8	1.78	3				
	+I Z SL	PPP	04 41 49.-	1.8	1.87	3				
	+I Z SL	-	04 43 08.-	1.9	1.81	4				
GRF	+E Z BE	P	04 40 41.5	0.9	1.93	5	3450	31.0	109.1	313.1
BUH	E Z GT	P	04 40 54.0				3620	32.6	104.4	310.2

JUN 14
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	06 23 00.6			2				

JUN 14 ERL
H= 06 50 45.2
LAT = 53.7 S
LONG= 140.8 E
DEPTH= 33 KM (NORMAL)
WEST OF MACQUARIE ISLAND

FUR	-E Z SL	PKP1	07 10 34.-	1.5	1.08	2	16490	148.3	119.2	280.9
	+I Z SL	PKHKP	07 10 36.-	1.5	1.45	2				
	-E Z SL	PKP2	07 10 43.-	1.9	1.74	2				

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	-E Z SL	PKP1	07 10 34.-	3.0	2.31	1	16560	148.9	116.3	284.9
						2	16570	149.0	117.0	283.5
GRF	E Z BE	PKP	07 10 32.5							

JUN 14
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	11 02 56.-	1.3	1.51	2				
	-I Z SL	-	11 03 40.-	1.5	1.56	3				

JUN 14
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	16 44 37.4							

JUN 14 ERL
H= 17 04 22.4
LAT = 33.4 N
LONG= 140.6 E
DEPTH= 72 KM
MAGNITUDE= 4.5
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	17 16 54.2			1	9550	85.9	40.4	329.8

JUN 14 ERL
H= 18 27 25.0
LAT = 36.8 N
LONG= 141.3 E
DEPTH= 48 KM
MAGNITUDE= 4.6
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	18 39 48.6			2	9260	83.3	38.2	330.0

JUN 14 ERL
H= 18 55 53.3
LAT = 43.7 N
LONG= 13.4 E
DEPTH= 14 KM
MAGNITUDE= 4.9
CENTRAL ITALY

JUN 14 BCS
H= 18 55 56.0
LAT = 43.7 N
LONG= 13.5 E
CENTRAL ITALY

BCIS= SLIGHT DAMAGES, FELT AT ANCONA. MAIN SHOCK OF AN EARTHQUAKESWARM.

FUR	-I Z SL	PN	18 57 07.-	2.4	2.44	9	520	4.7	160.5	342.1

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	PB	18 57 19.-	1.5	1.98	4				
	Z SL	MAXIMUM	18 59 00.-	1.5	3.03					
STU	+E Z BE	PN	18 57 20.8	0.8	1.36	2	650	5.9	148.3	331.3
BUH	E Z GT	PN	18 57 25.4				680	6.1	142.0	325.8
GRF	E Z BE	PN	18 57 24.5			2	690	6.2	164.9	346.5
	E Z BE	-	18 57 29.7			9				
	E Z BE	PG	18 57 43.9			2				
	E E GT	SG	18 58 33.-			2				
KRL	+E Z ST	-	18 58 37.0	1.0		2	700	6.3	144.9	328.5
	+E Z ST	-	18 59 45.8							
HOF	+E Z SL	SN	18 58 48.-	2.0	2.20	3	740	6.7	170.2	351.4
	+E Z SL	SB	18 59 13.-	2.0	2.20	1				
	+I Z SL	SG	18 59 33.-	2.0	2.67	9				
	Z SL	MAXIMUM	19 00 38.-	3.0	3.49					
TNS	E Z SL	PN	18 57 46.1			3	820	7.4	150.5	334.1
	E Z SL	PG	18 58 07.0			3				
	E E SL	SG	18 59 07.0			5				
BNS	E Z FS	PN	18 57 57.5	1.5	1.78		930	8.4	147.3	331.9
	E Z FS	-	18 59 23.-							
	E N X	-	18 59 32.-							
	E E X		19 00 30.-	2.2	2.57					
	E N X	-	19 00 40.-	1.8	2.63					
	E Z FS	-	19 00 43.-	3.0	3.06					
	E Z SL	LR	19 01 28.-							
	Z SL	-	19 02 00.-	12.0						

JUN 14
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	19 24 27.-	1.3	1.60	5				
	+I Z SL	-	19 24 34.-	2.0	1.88	4				

JUN 14
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	20 04 52.4							

JUN 14 ERL
H= 21 00 59.6
LAT = 43.7 N
LONG= 13.5 E
DEPTH= 6 KM
MAGNITUDE= 4.7
CENTRAL ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 14 BCS										
H= 21 01 05.0										
LAT = 43.7 N										
LONG= 13.5 E										
CENTRAL ITALY										
BCIS= FELT AT ANCONA (RMP).										
FUR	-I Z SL	PN	21 02 17.-	2.0	2.03	5	530	4.8	160.4	341.9
	+I Z SL	PB	21 02 27.-	1.5	1.92	4				
	+I Z SL	PG	21 02 46.-	1.5	2.00	3				
	-I Z SL	SN	21 03 18.-	1.5	2.08	9				
	Z SL	MAXIMUM	21 04 20.-	1.0	3.33					
STU	+I Z BE	P	21 02 29.2	0.9	1.91	2	660	5.9	148.2	331.3
BUH	E Z GT	PN	21 02 33.5				690	6.2	142.0	325.8
GRF	E Z BE	PN	21 02 33.0			1	690	6.2	164.7	346.3
	E Z BE	-	21 02 50.-			2				
	I N GT	SN	21 03 40.2			9				
KRL	+E Z ST	-	21 04 14.3	1.0		2	710	6.4	144.9	328.5
HOF	-I Z SL	SG	21 04 51.-	1.5	2.09	5	750	6.7	170.1	351.2
TNS	E Z SL	PN	21 02 51.0			4	820	7.4	150.4	334.1
	E Z SL	PG	21 04 10.5			3				
BNS	E Z FS	PN	21 03 05.-				940	8.5	147.2	331.8
	E N X	-	21 04 27.-							
	E N X		21 05 41.5							
JUN 14										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	21 30 04.2			2				
JUN 15 ERL										
H= 00 33 23.6										
LAT = 38.3 N										
LONG= 22.2 E										
DEPTH= 26 KM										
MAGNITUDE= 4.9										
GREECE										
JUN 15 BCS										
H= 00 33 26.0										
LAT = 38.3 N										
LONG= 22.3 E										
GREECE										
FUR	-E Z SL	P	00 36 22.-	1.5	1.20	4	1400	12.6	137.0	324.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	-	00 36 25.-	2.0	2.08	4				
	-I Z SL	PP	00 36 32.-	1.8	2.08	2				
	-I Z SL	XPP	00 36 44.-	1.5	1.81	5				
	-I Z SL	-	00 36 48.-	2.0	2.24	2				
	-I Z SL	-	00 36 58.-	1.5	1.81	2				
	+I Z SL	S	00 38 30.-	2.0	2.21	8				
	+I Z SL	-	00 38 43.-	2.0	2.15	9				
	+I Z SL	SS	00 38 47.-	1.8	2.17	9				
	-I Z SL	SSS	00 38 57.-	1.8	2.17	4				
	+I Z SL	-	00 39 14.-	2.0	2.33	1				
	Z SL	QM	00 41 30.-	5.0	3.54					
GRF	E Z BE	P	00 36 38.2			2	1540	13.8	141.1	328.8
	-E Z BE	PP	00 36 48.2	1.6	2.72	8				
HOF	-E Z SL	PP	00 37 00.-	1.5	2.09	5	1560	14.0	144.5	331.7
	+E Z SL	S	00 39 19.-	3.0	2.31	2				
	+E Z SL	SS	00 39 35.-	4.0	2.45	2				
	+E Z SL	SSS	00 39 49.-	4.0	2.45	2				
	+E Z SL	-	00 40 04.-	3.0	2.41	3				
	Z SL	QM	00 42 48.-	5.0	3.33					
BUH	E Z GT	P	00 36 45.5				1610	14.4	130.5	320.1
	E Z GT	P	00 36 56.2							
KRL	+E Z ST	P	00 37 58.4	1.6		3	1620	14.5	131.9	321.4
TNS	E Z SL	P	00 37 07.5			3	1710	15.4	135.3	324.9
	E N SL	PP	00 37 20.0							
	E N SL	S	00 40 27.0							
	E N SL	SS	00 41 24.0							
BRN	E Z ET	P	00 37 07.-			2	1710	15.4	152.4	338.9
BNS	E Z FS	P	00 37 19.0	1.5	2.26		1830	16.5	134.1	324.7
	E Z FS	-	00 37 30.-							
	E Z SL	S	00 40 32.-							
	E Z SL	LR	00 42 00.-	40.0						
	Z SL	-	00 44 28.-	18.0						
HLG	+ Z SL	P	00 37 40.-			3	2070	18.6	142.5	332.9
JUN 15 ERL										
H= 01 13 41.7										
LAT = 17.7 S										
LONG= 174.7 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.2										
TONGA ISLANDS										
BNS	-I Z FS	PKP	01 33 22.0	2.5	2.57		16320	146.8	3.2	357.9
HOF	+E Z SL	PKP1	01 33 24.-	3.4	2.92	9	16350	147.0	11.5	352.3
GRF	E Z BE	PKP	01 33 23.9			2	16430	147.7	10.6	352.8
	+E Z BE	-	01 33 26.2			6				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
							16570	149.0	5.4	356.3
BUH	E Z GT	PKP	01 33 21.2							
	E Z GT	PKP	01 33 29.4							
FUR	+I Z SL	PKP1	01 33 30.-	2.0	2.21	9	16590	149.2	11.1	352.2
	-I Z SL	PKHKP	01 33 34.-	4.0	3.00	2				
	-I Z SL	XPKP	01 33 44.-	1.9	2.07	9				

JUN 15 ERL
H= 03 50 22.8
LAT = 29.8 S
LONG= 177.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.1
KERMADEC ISLANDS

GRF	E Z BE	PKP	04 10 52.8			1	17700	159.2	20.5	344.8
FUR	-E Z SL	PKP2	04 11 02.-	2.0	2.03	2	17860	160.6	22.2	343.1
	-E Z SL	APKP	04 11 10.-	1.7	1.94	3				
	+E Z SL	XPKP	04 11 15.-	1.9	1.91	9				

JUN 15 BCS
H= 05 30 37.0
LAT = 43.9 N
LONG= 12.3 E
CENTRAL ITALY

BCIS= FELT (IV) AT ANCONA. (RMP).

FUR	+E Z SL	-	05 32 23.-	1.8	1.48	4	480	4.3	170.6	351.3
	+E Z SL	SN	05 32 37.-	1.5	1.30	5				
	+E Z SL	SG	05 32 57.-	1.5	1.30	5				
	Z SL	MAXIMUM	05 33 46.-	1.5	1.30					
GRF	E Z BE	PG	05 32 38.4			2	650	5.8	172.6	353.4

JUN 15
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	08 23 03.8							

JUN 15
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	09 09 09.-	1.3	1.60	5				
	+E Z SL	-	09 09 40.-	2.0	1.73	5				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUN 15 BCS
H= 09 13 46.0
LAT = 43.8 N
LONG= 13.6 E
CENTRAL ITALY

BCIS= FELT AT ANCONA.

FUR	-E Z SL	SB	09 16 13.-	1.5	1.30	5	520	4.7	158.8	340.5
	Z SL	MAXIMUM	09 17 07.-	1.5	1.38					

JUN 15 BCS
H= 09 25 23.0
LAT = 37.5 N
LONG= 24.5 E
SOUTHERN GREECE

FUR	-E Z SL	SS	09 31 21.-	1.5	1.30	2	1600	14.4	132.9	322.0
	-E Z SL	SSS	09 31 34.-	1.5	1.30	5				
	-E Z SL	-	09 31 52.-	2.0	1.81	3				

JUN 15 ERL
H= 09 25 26.0
LAT = 38.2 N
LONG= 22.7 E
DEPTH= 76 KM
MAGNITUDE= 4.0
GREECE

GRF	E Z BE	P	09 28 49.1			1	1570	14.1	140.1	328.0

JUN 15 BCS
H= 14 19 19.0
LAT = 38.5 N
LONG= 24.2 E
AEGEAN SEA

FUR	-E Z SL	PPP	14 22 33.-	1.3	1.51	2	1500	13.5	131.1	320.0
	+I Z SL	-	14 23 43.-	1.7	1.46	5				
GRF	E Z BE	P	14 22 45.2			2	1620	14.5	135.4	324.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 15 ERL H= 15 21 20.3 LAT = 42.4 N LONG= 143.0 E DEPTH= 76 KM MAGNITUDE= 5.5 HOKKAIDO, JAPAN REGION										
GRF	+I Z BE	P	15 33 18.8	0.8	2.17	9	8790	79.0	34.3	330.4
BNS	+I Z FS	P	15 33 19.5	1.0	1.78		8830	79.4	31.7	333.3
	E Z FS	-	15 33 36.-							
FUR	+I Z SL	P	15 33 25.-	1.5	1.78	8	8930	80.3	34.1	329.5
	-I Z SL	PCP	15 33 30.-	1.5	1.56	9				
	-I Z SL	AP	15 33 33.-	1.5	1.30	3				
	-I Z SL	XPCP	15 33 44.-	1.9	1.96	9				
	-I Z SL	-	15 33 52.-	1.5	1.72	3				
JUN 15 ERL H= 17 26 15.4 LAT = 0.7 N LONG= 67.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 CARLSBERG RIDGE										
GRF	E Z BE	P	17 37 01.2			1	7570	68.1	116.9	324.6
JUN 15 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	18 40 04.-	2.0	1.73	2				
	+E Z SL	-	18 40 14.-	1.5	1.30	3				
JUN 16 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	07 55 09.0			2				
JUN 16 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	08 00 36.4			2				
	E E BE	SG	08 01 02.4			2				
JUN 16 ERL H= 08 33 52.1 LAT = 5.2 N LONG= 78.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 SOUTH OF PANAMA										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+E Z SL	P	08 46 31.-	1.9	1.74	2	9540	85.8	273.0	42.2
JUN 16 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	11 12 39.0							
JUN 16 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	11 55 36.0							
JUN 17 ERL H= 00 48 59.1 LAT = 20.4 S LONG= 169.2 E DEPTH= 64 KM MAGNITUDE= 4.7 NEW HEBRIDES ISLANDS										
HOF	-I Z SL	PKP1	01 08 31.-	2.0	2.50	9	16150	145.2	39.2	334.4
	+I Z SL	-	01 08 43.-	1.5	2.23	7				
	+I Z SL	XPKP	01 09 00.-	1.5	1.93	2				
GRF	+E Z BE	PKP	01 08 32.8	1.0	1.87	4	16230	146.0	38.8	334.3
	E Z BE	-	01 08 45.1			6				
BNS	+I Z FS	PKP	01 08 33.5				16280	146.4	31.5	339.4
	I Z FS	-	01 08 45.5	2.0	2.11					
FUR	-I Z SL	PKP1	01 08 37.-	2.0	2.08	4	16360	147.1	40.4	332.5
	+I Z SL	-	01 08 50.-	1.9	2.44	9				
STU	+E Z BE	PKP	01 08 36.8	1.0	1.80	2	16400	147.5	36.5	335.2
BUH	E Z GT	PKP	01 08 37.5				16450	147.9	35.1	336.0
	E Z GT	PKP	01 08 50.4							
JUN 17 BCS H= 09 00 48.0 LAT = 46.3 N LONG= 12.6 E NORTHERN ITALY										
FUR	+I Z SL	PN	09 01 26.-	1.0	2.08	3	230	2.1	153.7	334.7
	+I Z SL	PB	09 01 29.-	0.9	2.34	5				
	+I Z SL	PG	09 01 32.-	1.1	2.20	2				
	-I Z SL	SN	09 01 54.-	1.2	2.02	9				
	-I Z SL	SB	09 01 56.-	2.0	2.33	3				
	Z SL	MAXIMUM	09 02 35.-	1.5	2.38					
STU	+E Z BE	PN	09 01 47.7	0.5	1.81	1	380	3.4	135.7	318.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z JM	PN	09 01 43.8			1	390	3.5	164.2	345.2
	E Z BE	-	09 01 53.2			2				
	E Z BE	-	09 01 55.4			4				
	E Z BE	-	09 01 58.6			6				
	E N BE	SN	09 02 26.0			4				
	E N BE	SG	09 02 45.5			3				
BUH	E Z GT	PN	09 01 47.3				420	3.8	127.1	310.3

JUN 17 ERL
H= 09 02 47.5
LAT = 48.3 N
LONG= 14.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
AUSTRIA

JUN 17 BCS
H= 09 02 48.0
LAT = 48.5 N
LONG= 14.6 E
AUSTRIA

BCIS= FELT (VI+) IN THE EPICENTRAL AREA. MLOC= 4.5 (BNS)

FUR	+I Z SL	PN	09 03 27.-	1.0	2.78	4	240	2.1	84.5	266.8
	-I Z SL	PG	09 03 43.-	1.0	2.85	4				
	+I Z SL	SN	09 03 52.-	1.0	2.69	2				
	+I Z SL	SB	09 03 58.-	1.0	2.91	2				
	Z SL	MAXIMUM	09 05 30.-	1.3	3.12					
GRF	+I Z BE	PN	09 03 28.6			9	280	2.5	121.4	303.8
	E Z BE	-	09 03 33.5			9				
HOF	-E Z SL	PN	09 03 29.-	1.0	2.23	9	290	2.6	138.6	320.6
	-I Z SL	PB	09 03 33.-	1.0	3.25	9				
	-I Z SL	PG	09 03 45.-	1.0	2.18	2				
	-I Z SL	SN	09 04 01.-	1.0	2.67	3				
	-I Z SL	SB	09 04 06.-	1.0	3.42	9				
	Z SL	MAXIMUM	09 04 23.-	2.0	3.54					
KRL	+E Z ST	PN	09 03 38.-			2	450	4.1	97.4	281.9
	+E Z ST	SN	09 04 50.6	1.0		4				
BUH	+I Z GT	PN	09 02 50.8				460	4.2	92.5	277.1
TNS	I Z SL	PN	09 03 56.0			5	490	4.4	113.4	298.0
	I N SL	SN	09 04 46.0			8				
	I N SL	SB	09 05 26.0			9				
BNS	E Z FS	PN	09 04 08.0	1.0	1.95		600	5.4	116.3	301.9
	E N X	SN	09 05 08.0							
	E Z FS	SG	09 05 43.-	1.0	2.49					
	E N X	-	09 05 46.-	0.9	2.79					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUN 17 ERL
H= 19 18 20.6
LAT = 44.2 N
LONG= 149.1 E
DEPTH= 64 KM
MAGNITUDE= 4.6
KURIL ISLANDS

GRF	E Z BE	P	19 30 23.6			1	8840	79.5	29.4	333.7

JUN 17 ERL
H= 22 34 09.7
LAT = 31.5 S
LONG= 179.0 W
DEPTH= 72 KM
MAGNITUDE= 5.1
KERMADEC ISLANDS REGION

GRF	E Z BE	PKP	22 54 42.4			2	17820	160.2	25.7	340.0

JUN 18 ERL
H= 00 58 34.5
LAT = 37.2 S
LONG= 95.2 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
SOUTHERN PACIFIC OCEAN

GRF	E Z BE	PKHKP	01 17 32.5			1	14140	127.2	254.0	51.4

JUN 18 ERL
H= 01 00 43.9
LAT = 37.2 S
LONG= 95.2 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.6
SOUTHERN PACIFIC OCEAN

FUR	+E Z SL	PKP1	01 19 46.-	2.0	1.99	5	14100	126.8	252.9	53.3
	-I Z SL	PP	01 21 50.-	1.5	1.64	6				
GRF	E Z BE	PKHKP	01 19 37.0			1	14140	127.2	254.0	51.4

JUN 18
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	01 56 30.0							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 18 BCS H= 23 32 49.0 LAT = 48.6 N LONG= 14.6 E AUSTRIA										
FUR	-I E SL	SG	23 34 06.-	1.0	2.54	5	250	2.3	77.7	260.1
	E SL	MAXIMUM	23 35 45.-	1.7	1.70					
GRF	+I Z JM	PN	23 33 29.2			4	280	2.5	114.9	297.5
	E Z JM	PG	23 33 35.2			2				
	E N BE	SN	23 33 52.9			2				
	E N BE	SG	23 34 02.5			4				
BUH	E Z GT	PN	23 33 51.6				470	4.2	88.6	273.4
JUN 19 ERL H= 01 02 53.9 LAT = 52.2 N LONG= 175.0 E DEPTH= 53 KM MAGNITUDE= 5.3 RAT ISLANDS, ALEUTIAN ISLANDS										
GRF	E Z BE	P	01 14 46.7	0.7	1.28	3	8630	77.6	10.1	349.3
BUH	E Z GT	P	01 14 53.2				8770	78.9	8.2	351.1
JUN 19 ERL H= 01 32 19.0 LAT = 13.3 N LONG= 120.3 E DEPTH= 49 KM MAGNITUDE= 5.3 MINDORO, PHILIPPINE ISLANDS										
GRF	-E Z BE	P	01 45 24.6			3	10220	91.9	67.0	322.1
BUH	E Z GT	P	01 45 33.5				10460	94.1	64.7	322.0
JUN 19 ERL H= 01 43 48.0 LAT = 54.4 N LONG= 168.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 KOMANDORSKY ISLANDS REGION										
GRF	-E Z BE	P	01 55 25.5			2	8280	74.5	13.5	344.9
FUR	N SL	RM	02 30 20.-	18.0	3.10		8450	76.0	13.4	344.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 19 BCS H= 04 09 50.0 LAT = 44.4 N LONG= 6.4 E FRANCE										
JUN 19 ERL H= 04 09 50.1 LAT = 44.3 N LONG= 6.4 E DEPTH= 85 KM FRANCE										
BCIS= FELT (V) AT SELONNET AND LA BREOLE, (IV) AT MONTCLAR AND (III) AT ST. VINCENT.										
BUH	E Z GT	PN	04 10 57.8				500	4.5	197.1	15.8
FUR	-I E SL	SG	04 12 48.-	1.5	1.56	3	560	5.1	223.7	40.2
	E SL	MAXIMUM	04 13 50.-	1.7	1.81					
GRF	E Z BE	PG	04 11 50.4			2	690	6.2	213.7	30.1
	E N BE	SG	04 13 16.-			2				
JUN 19 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	05 35 01.4							
JUN 19 ERL H= 06 00 50.4 LAT = 57.3 N LONG= 33.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 NORTH ATLANTIC OCEAN										
BNS	E Z FS	P	06 06 06.3	2.0	2.00		2700	24.3	301.0	87.7
BUH	E Z GT	P	06 06 23.5				2900	26.1	305.1	91.3
GRF	E Z BE	P	06 06 31.1	1.3	2.09	1	3020	27.2	303.4	87.0
	E Z BE	PP	06 07 13.-			2				
HOF	-E Z SL	P	06 06 26.-	4.0	2.55	5	3020	27.2	302.5	85.3
	+E Z SL	PPP	06 07 21.-	3.0	2.49	2				
	Z SL	QM	06 16 00.-	20.0	3.91					
FUR	+E E SL	AP	06 06 52.-	1.5	1.47	4	3120	28.1	305.8	89.6
	+E E SL	XP	06 06 57.-	1.5	1.57	3				
	-E E SL	PPP	06 07 42.-	1.9	2.22	2				
	-I E SL	-	06 07 54.-	1.5	1.77	2				
	N SL	QM	06 16 40.-	16.0	3.67					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 19 BCS H= 07 20 36.0 LAT = 48.6 N LONG= 14.6 E AUSTRIA										
GRF	E Z BE	PN	07 21 16.2			2	280	2.5	114.9	297.5
	E Z BE	PG	07 21 22.1			4				
	E N BE	SN	07 21 42.0			1				
	E N BE	SG	07 21 53.5			4				
JUN 19 ERL H= 11 49 48.7 LAT = 13.4 S LONG= 166.5 E DEPTH= 35 KM MAGNITUDE= 5.1 NEW HEBRIDES ISLANDS										
FUR	+I Z SL	PKP1	12 09 16.-	1.8	1.48	2	15540	139.7	39.0	334.3
	-I Z SL	APKP	12 09 26.-	1.7	1.72	2				
JUN 19 ERL H= 12 14 26.2 LAT = 57.3 N LONG= 33.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 NORTH ATLANTIC OCEAN										
BNS	E Z FS	P	12 19 45.0	1.8	1.90		2700	24.3	301.0	87.7
	E Z FS	-	12 20 07.9							
BUH	E Z GT	P	12 19 58.9				2900	26.1	305.1	91.4
GRF	-E Z BE	P	12 20 07.6			2	3020	27.2	303.5	87.0
FUR	-I Z SL	P	12 20 18.-	1.5	1.64	4	3120	28.1	305.9	89.7
	-I Z SL	XP	12 20 33.-	1.9	1.81	1				
	-I Z SL	-	12 20 52.-	1.5	1.38	2				
	-I Z SL	-	12 21 15.-	1.5	1.56	2				
	Z SL	QH	12 31 40.-	15.0	2.88					
JUN 19 ERL H= 15 12 50.8 LAT = 49.9 N LONG= 173.6 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 ALEUTIAN ISLANDS REGION										
BNS	+E Z FS	P	15 24 56.0	2.0	2.15		8840	79.5	0.5	359.5
	E Z FS	-	15 25 05.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	15 25 02.9			3	8980	80.7	3.2	356.8
BUH	E Z GT	P	15 25 08.5				9100	81.8	1.2	358.8
FUR	-I Z SL	P	15 25 10.-	1.8	1.78	8	9150	82.3	3.2	356.7
	+E Z SL	PCP	15 25 15.-	2.0	2.03	2				
	+I Z SL	AP	15 25 20.-	1.9	2.13	4				
	+I Z SL	XPCP	15 25 28.-	1.5	1.60	1				
	+I Z SL	PP	15 28 18.-	1.5	1.51	2				
JUN 19 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	19 08 11.-	1.6	1.23	4				
JUN 20 ERL H= 01 41 53.0 LAT = 60.6 S LONG= 154.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 WEST OF MACQUARIE ISLAND										
FUR	+E Z SL	PKP1	02 01 52.-	2.0	1.73	2	17280	155.4	134.2	256.4
	+E Z SL	APKP	02 02 03.-	2.0	1.81	6				
	+E Z SL	XPKP	02 02 06.-	1.8	1.83	5				
	+I Z SL	PKP2	02 02 20.-	2.0	2.33	9				
	+I Z SL	-	02 02 25.-	1.9	2.36	9				
	+I Z SL	APKP	02 02 31.-	1.5	1.83	3				
	+E Z SL	PP	02 06 06.-	3.0	2.38	3				
GRF	E Z BE	PKP1	02 02 17.8			4	17400	156.5	131.7	259.1
BUH	E Z GT	PKP	02 02 19.8				17480	157.2	134.4	253.8
JUN 20 BCS H= 02 40 41.0 LAT = 35.0 N LONG= 22.4 E MEDITERRANEAN SEA										
FUR	-E Z SL	PPP	02 44 25.-	1.4	1.34	4	1730	15.5	143.8	331.2
	-E Z SL	-	02 44 41.-	1.3	1.51	4				
GRF	-E Z BE	P	02 44 39.0			3	1870	16.8	145.6	334.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 20 ERL H= 05 26 07.1 LAT = 36.4 N LONG= 71.6 E DEPTH=110 KM MAGNITUDE= 5.1 AFGHANISTAN-USSR BORDER REGION										
GRF	+E Z BE	P	05 34 13.0	1.2	1.73	3	4990	44.9	83.4	306.9
FUR	-I Z SL	P	05 34 14.-	1.5	1.78	5	5010	45.0	82.0	304.7
	-E Z SL	AP	05 34 29.-	1.2	1.62	4				
	-E Z SL	XP	05 34 51.-	1.2	1.72	3				
	+E Z SL	XPP	05 36 28.-	1.5	1.30	3				
	-E Z SL	PPP	05 36 37.-	2.2	1.94	3				
	-E Z SL	-	05 36 58.-	1.5	1.30	5				
	-E Z SL	-	05 37 11.-	2.2	1.94	3				
BUH	E Z GT	P	05 34 28.6				5220	46.9	80.5	305.8
JUN 20 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	09 05 45.5	0.8	1.85					
JUN 20 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	PG	10 15 11.5							
	E Z FS	SG	10 15 23.5							
	E Z FS	-	10 15 35.-	1.5						
JUN 20 ERL H= 17 02 40.3 LAT = 15.1 S LONG= 173.9 W DEPTH= 45 KM (GEOPHYSICIST) MAGNITUDE= 4.6 TONGA ISLANDS										
GRF	E Z BE	PKP	17 22 28.8			1	16150	145.2	8.6	354.2
BUH	E Z GT	PKP	17 22 31.1				16290	146.5	3.7	357.5
FUR	+I Z SL	XPKP	17 22 34.-	1.7	1.61	7	16320	146.7	9.1	353.7
JUN 20 EPL H= 18 25 43.1 LAT = 2.6 N LONG= 125.8 E DEPTH= 44 KM MAGNITUDE= 5.3 TALAUD ISLANDS										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	PP	18 44 01.-	1.5	1.56	9	11590	104.2	69.6	321.1
JUN 21 NO DETERMINATION OF EPICENTER										
BUH	-I Z GT	PG	01 24 43.8							
JUN 21 ERL H= 04 39 39.2 LAT = 18.0 S LONG= 174.7 W DEPTH=132 KM MAGNITUDE= 5.2 TONGA ISLANDS										
GRF	-E Z BE	PKP	04 59 11.1	1.0	1.55	4	16460	148.0	10.6	352.8
FUR	-E Z SL	PKP1	04 59 10.-	1.5	1.45	2	16620	149.5	11.2	352.1
	+I Z SL	PKHKP	04 59 15.-	1.6	1.63	9				
	-E Z SL	APKP	04 59 50.-	2.0	1.81	3				
JUN 21 NO DETERMINATION OF EPICENTER										
FUR	-E E SL	-	12 58 47.-	1.5	1.46	1				
	-E E SL	-	12 59 21.-	1.5	1.38	2				
	Z SL	MAXIMUM	13 00 05.-	1.5	1.96					
JUN 21 ERL H= 15 06 53.3 LAT = 43.8 N LONG= 13.3 E DEPTH= 4 KM MAGNITUDE= 4.4 CENTRAL ITALY										
JUN 21 BCS H= 15 06 55.0 LAT = 43.9 N LONG= 13.2 E CENTRAL ITALY NOS= FELT IN ANCONA AREA.										
FUR	-I Z SL	PB	15 08 15.-	1.0	2.08	6	510	4.6	161.5	342.9
	+I Z SL	PG	15 08 39.-	1.5	1.60	3				
	-I Z SL	SN	15 09 06.-	1.0	2.31	2				
	-I Z SL	SB	15 09 21.-	1.2	2.10	6				
	+I Z SL	SG	15 09 40.-	1.5	1.98	5				
	Z SL	MAXIMUM	15 10 15.-	1.8	2.57					
STU	E Z BE	P	15 08 21.3	0.7	1.57	2	640	5.7	148.8	331.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
BUH	E Z GT	P	15 08 25.6				670	6.0	142.4	326.1
GRF	E Z BE	P	15 08 05.5			2	680	6.1	165.6	347.2
	E N BE	S	15 09 31.7			4				

JUN 21 ERL
H= 15 29 50.7
LAT = 32.0 N
LONG= 131.8 E
DEPTH= 41 KM
MAGNITUDE= 5.4
KYUSHU, JAPAN

HOF	+E Z SL	P	15 42 08.-	3.0	2.41	5	9160	82.4	48.0	325.9
	+E Z SL	XP	15 42 23.-	3.0	2.61	3				
	Z SL	PM	16 28 20.-	15.0	4.34					
GRF	E Z BE	P	15 42 12.1			2	9240	83.1	47.5	325.7
	E Z DE	PCP	15 42 23.8			4				
BNS	E Z FS	P	15 42 19.5	1.4	1.70		9350	84.1	44.7	328.4
	E Z FS	-	15 42 29.3							
FUR	+E Z SL	P	15 42 17.-	1.5	1.38	2	9350	84.1	47.4	324.6
	-I Z SL	PCP	15 42 20.-	1.5	1.78	3				
	+I Z SL	APCP	15 42 30.-	1.2	2.45	3				
	+I Z SL	XPCP	15 42 38.-	2.0	2.21	2				
	-I Z SL	-	15 42 48.-	1.9	1.96	3				
	-I Z SL	-	15 43 05.-	1.5	1.60	3				
	Z SL	PM	16 24 30.-	16.0	4.35					
BUH	E Z GT	P	15 42 22.0				9470	85.2	45.3	326.3

JUN 22
NO DETERMINATION OF EPICENTER

GRF	-E Z BE	P	02 47 42.0			2				

JUN 22 EPL
H= 05 54 19.2
LAT = 47.0 N
LONG= 27.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.1
NORTH ATLANTIC RIDGE

BNS	E Z FS	P	05 59 21.3							
BUH	E Z GT	P	05 59 29.8				2560	23.0	273.7	67.2
GRF	E Z BE	P	05 59 47.4				2660	24.0	279.5	72.7
						2				
FUR	-E Z SL	P	05 59 50.-	2.0	2.03	9	2860	25.7	278.9	69.5
	+I Z SL	-	05 59 54.-	2.0	2.15	3	2900	26.0	282.0	73.0
	-I Z SL	-	06 00 21.-	1.9	1.96	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
	-I Z SL	PP	06 00 29.-	1.9	1.91	3				
	-I Z SL	-	06 00 36.-	1.3	1.86	2				
	+I Z SL	-	06 00 48.-	2.0	1.99	9				
	Z SL	QM	06 11 00.-	15.0	2.88					

JUN 22 ERL
H= 06 08 54.3
LAT = 31.8 N
LONG= 131.8 E
DEPTH= 49 KM
MAGNITUDE= 4.7
KYUSHU, JAPAN

GRF	+E Z BE	P	06 21 16.8			2	9260	83.2	47.6	325.7
FUR	+I Z SL	P	06 21 22.-	1.7	1.61	2	9370	84.2	47.5	324.6
	-I Z SL	XP	06 21 36.-	1.2	1.98	2				

JUN 22
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	12 47 12.3			1				
	E Z BE	PG	12 47 21.8			4				
	E N BE	SG	12 47 54.5			3				
BUH	E Z GT	PN	12 47 37.8							

JUN 22
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	15 05 32.-	2.0	1.88	4				
	+I Z SL	-	15 05 50.-	1.5	1.45	2				

JUN 23 ERL
H= 06 50 11.0
LAT = 36.7 N
LONG= 32.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
TURKEY

GRF	+E Z BE	P	06 54 43.3			3	2240	20.1	122.3	316.9

JUN 23 ERL
H= 08 39 35.8
LAT = 32.9 N
LONG= 46.2 E
DEPTH= 40 KM
MAGNITUDE= 4.6
IRAN-IRAQ BORDER REGION

FUR	-I Z SL	P	08 45 45.-	1.2	1.87	7	3370	30.3	107.4	310.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	08 45 49.9			2	3430	30.8	109.8	313.4

JUN 23 ERL
H= 08 48 22.8
LAT = 33.3 N
LONG= 140.7 E
DEPTH= 66 KM
MAGNITUDE= 4.8
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	09 00 58.0			2	9560	86.0	40.4	329.8

JUN 23 ERL
H= 14 12 23.5
LAT = 53.9 N
LONG= 165.5 W
DEPTH= 23 KM
MAGNITUDE= 5.0
FOX ISLANDS, ALEUTIAN ISLANDS

GRF	E Z BE	P	14 24 15.5			2	8540	76.8	358.0	2.2

JUN 23
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	14 25 05.-	1.7	1.61					

JUN 23
NO DETERMINATION OF EPICENTER

FUR	+I Z SL	-	14 47 36.-	1.3	1.96	4				
	+I Z SL	-	14 47 51.-	1.5	1.51	4				

JUN 23
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	15 32 45.-	1.5	1.51					

JUN 23 ERL
H= 16 30 22.2
LAT = 30.3 N
LONG= 136.8 E
DEPTH=508 KM
MAGNITUDE= 4.7
SOUTHEAST OF SHIKOKU, JAPAN

GRF	E Z BE	P	16 42 14.0			3	9660	86.9	44.8	328.1

JUN 23
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	17 41 00.2			2				

JUN 24 ERL
H= 05 48 29.4
LAT = 16.6 S
LONG= 173.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
TONGA ISLANDS

BNS	-I Z FS	PKP	06 08 07.8	1.2	1.78		16200	145.7	1.6	359.0

JUN 24 BCS
H= 07 17 54.0
LAT = 43.7 N
LONG= 16.9 E
YUGOSLAVIA

JUN 24 ERL
H= 07 17 55.5
LAT = 43.7 N
LONG= 16.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
YUGOSLAVIA

NOS= FELT NEAR THE CENTRAL ADRIATIC COAST.
BCIS= FELT AT LIVNO, JAJCE, DUVNO AND BANJA LUKA (SAR), VI AT TRILJ(LJU)

FUR	+I Z SL	PN	07 19 24.-	1.5	2.26	9	660	5.9	136.6	320.7
	+I Z SL	-	07 19 34.-	1.1	2.56	4				
	+I Z SL	PB	07 19 43.-	1.5	1.78	2				
	-I Z SL	PG	07 20 11.-	1.5	2.08	3				
	-I Z SL	SN	07 20 48.-	1.3	2.51	3				
	-I Z SL	SB	07 21 03.-	1.5	2.08	6				
	-I Z SL	SG	07 21 15.-	1.5	2.34	6				
	Z SL	MAXIMUM	07 21 50.-	1.5	2.66					
GRF	E Z BE	P	07 19 38.8			2	800	7.2	144.8	328.9
	-I Z BE	-	07 19 40.7			9				
	E N GT	S	07 20 58.0			4				
STU	+E Z BE	P	07 19 42.5	0.6	2.48	3	820	7.4	130.6	316.2
HOF	-I Z SL	SN	07 21 21.-	1.0	2.28	9	830	7.5	150.7	334.4
	-I Z SL	SB	07 21 42.-	1.0	2.12	2				
	+E Z SL	SG	07 22 15.-	1.5	2.56	2				
	Z SL	MAXIMUM	07 23 42.-	3.0	2.89					
BUH	+E Z GT	PN	07 19 48.6				870	7.8	126.4	312.6
KRL	-E Z ST	PN	07 19 51.7	1.0		2	880	7.9	129.0	315.1
TNS	I Z SL	PN	07 20 03.0			3	970	8.7	135.3	321.4
	I N SL	SN	07 21 34.0			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	+I Z FS	PN	07 20 18.0	0.6	2.18		1090	9.8	134.0	321.2
	I N X	SN	07 22 01.-	1.0	2.11					
	E Z FS		07 22 52.-							
	E N X	-	07 23 14.-	1.6	2.26					
	Z SL	-	07 24 30.-	14.0						

JUN 24 ERL
H= 09 44 41.3
LAT = 18.9 S
LONG= 173.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.2
TONGA ISLANDS

FUR	+E Z SL	PKP1	10 04 25.-	1.9	1.74	6	16530	148.5	7.9	354.5

JUN 24
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	13 30 45.0							

JUN 24 ERL
H= 15 04 36.2
LAT = 15.1 S
LONG= 173.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
TONGA ISLANDS

GRF	E Z BE	PKP	15 24 12.4			2	16160	145.3	8.2	354.5
BUH	E Z GT	PKP	15 24 17.4				16290	146.5	3.2	357.8
FUR	-I Z SL	PKP1	15 24 20.-	1.2	1.72	2	16330	146.8	8.6	354.0
	-I Z SL	APKP	15 24 31.-	1.5	1.45	7				

JUN 24 ERL
H= 15 29 22.2
LAT = 36.2 N
LONG= 69.7 E
DEPTH= 47 KM
MAGNITUDE= 6.0
HINDU KUSH REGION

NOS= 11 KILLED, 15 INJURED, MANY HOMES DESTROYED OR BADLY DAMAGED IN ISHKAMISH CITY AREA. MAG. 5.8 (BRK).

HOF	-I Z SL	P	15 37 22.-	2.2	2.72	5	4810	43.3	86.1	307.7
	-I Z SL	AP	15 37 30.-	3.0	2.25	5				
	+I Z SL	PP	15 39 03.-	2.5	3.01	3				
	+I Z SL	PCP	15 39 09.-	5.0	3.54	8				
	+I Z SL	APCP	15 39 24.-	6.0	3.73	9				
	-I Z SL	PPP	15 40 01.-	4.0	3.45	7				
	-E Z SL	-	15 40 29.-	4.0	3.08	6				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+E Z SL	S	15 44 20.-	6.0	3.35	2				
	-E Z SL	SS	15 47 33.-	17.0	4.24	2				
	+I Z SL	-	15 48 45.-	4.0	3.26	3				
	Z SL	RM	16 29 50.-	15.0	4.93					
GRF	-I Z BE	P	15 37 25.6	1.2	2.33	6	4870	43.8	85.0	306.9
	E N GL	S	15 43 56.-			4				
FUR	-I Z SL	P	15 37 26.-	1.8	2.68	9	4880	43.9	83.4	304.7
	+E Z SL	SP	15 44 06.-	11.0	3.63	2				
	-E Z SL	X2S	15 47 26.-	19.0	4.19	1				
	Z SL	RM	16 01 30.-	13.0	4.31					
HAM	E Z WZ	P	15 37 31.-			2	4930	44.3	87.9	312.4
STU	-E Z BE	P	15 37 36.0	2.0	3.00	3	5020	45.2	82.7	305.8
	+E E SL	S	15 44 12.0	13.0	4.00	4				
TNS	2I Z SL	P	15 37 47.0			9	5060	45.5	83.6	307.9
	I N SL	PP	15 39 44.0							
	E Z SL	PPP	15 41 12.0							
	E N SL	PCS	15 43 08.0							
	E N SL	S	15 44 22.0			8				
	E N SL	SS	15 47 34.0			8				
HLG	- Z SL	P	15 37 39.-			3	5060	45.5	87.1	313.4
	Z X	P	15 37 39.-			2				
KRL	-E Z ST	P	15 37 41.3	1.6		4	5080	45.7	82.4	306.2
	+E E MH	S	15 44 20.1			3				
BUH	-E Z GT	P	15 37 41.3				5100	45.8	81.9	305.7
BNS	-I Z FS	P	15 37 44.0	2.1	2.70		5140	46.2	83.4	309.0
	E Z SL	-	15 37 46.-							
	I Z FS	-	15 37 50.3							
	I Z SL	PP	15 39 41.-							
	E Z SL	S	15 44 30.-	44.0						
	E Z SL	SS	15 48 20.-							
	E Z SL	LR	15 51 50.-	50.0						
	Z SL	-	16 00 40.-	17.0						

JUN 24 ERL
H= 23 20 03.4
LAT = 1.5 N
LONG= 127.5 E
DEPTH=200 KM (GEOPHYSICIST)
MAGNITUDE= 5.6
HALMAHERA

GRF	E Z BE	P	23 33 52.0			1	11740	105.6	68.5	322.8
	E Z BE	AP	23 34 23.0			1				
	E Z BE	PKP	23 38 02.0			2				
	E Z BE	PP	23 38 14.0			4				
FUR	+E Z SL	-	23 37 53.-	1.9	1.66	5	11800	106.1	68.9	321.3
	-E Z SL	APKP	23 38 07.-	1.5	1.38	6				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	PP	23 38 24.-	2.6	2.60	6				
	-I Z SL	XPKP	23 39 15.-	2.0	1.88	2				

JUN 25 ERL
H= 04 59 18.6
LAT = 44.0 N
LONG= 15.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
YUGOSLAVIA

NOS= FELT NEAR THE CENTRAL ADRIATIC COAST.

FUR	-E Z SL	-	05 00 56.-	1.5	1.60	9	570	5.2	141.2	324.5
	-I Z SL	SN	05 01 35.-	1.5	1.60	9				
	-I Z SL	SB	05 01 53.-	1.3	1.81	3				
	Z SL	MAXIMUM	05 02 52.-	1.3	2.20					
GRF	E Z BE	P	05 00 53.6			2	720	6.5	149.4	332.7
	E N BE	S	05 02 07.-			1				
STU	+E Z BE	P	05 00 55.3	0.5	1.70	2	730	6.5	133.7	318.5
BUH	E Z GT	P	05 01 01.2				780	7.0	128.8	314.3

JUN 25 ERL
H= 07 55 45.3
LAT = 36.3 N
LONG= 69.6 E
DEPTH= 46 KM
MAGNITUDE= 4.7
HINDU KUSH REGION

NOS= FELT IN ISHKAMISH CITY AREA.

GRF	-E Z BE	P	08 03 48.4			2	4860	43.7	84.9	306.8
FUR	-E Z SL	P	08 03 49.-	1.5	1.56	9	4870	43.8	83.4	304.6
	-E Z SL	XP	08 04 01.-	1.8	1.83	9				
	+E Z SL	PP	08 05 32.-	1.5	1.45	7				
	-E Z SL	PPP	08 06 10.-	1.5	1.30	5				
BUH	E Z GT	P	08 04 03.4				5080	45.7	81.9	305.7

JUN 25
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	09 55 32.0							

JUN 25
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	12 22 09.-	1.5	1.60	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	12 22 18.6							

JUN 25
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	14 50 55.4			1				
	E N BE	SG	14 51 41.3			3				

JUN 25 ERL
H= 15 34 04.9
LAT = 24.0 S
LONG= 180.0 W
DEPTH=515 KM
MAGNITUDE= 4.5
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	15 53 18.3			2	17010	152.9	22.9	344.0

JUN 25 BCS
H= 17 10 42.0
LAT = 44.5 N
LONG= 10.7 E
NORTHERN ITALY

JUN 25 ERL
H= 17 10 43.1
LAT = 44.5 N
LONG= 10.5 E
DEPTH= 17 KM
MAGNITUDE= 4.3
NORTHERN ITALY

FUR	+E Z SL	PG	17 11 56.-	1.9	1.66	5	410	3.7	186.4	6.3
	-I Z SL	SB	17 12 25.-	1.0	2.00	5				
	Z SL	MAXIMUM	17 13 20.-	1.6	2.11					
STU	E Z BE	P	17 11 49.7	0.4	1.58	1	490	4.4	165.8	346.9
BUH	E Z GT	PN	17 10 51.3				500	4.5	156.9	338.7
KRL	+E Z ST	-	17 13 25.-	1.4		2	530	4.8	159.9	341.6
GRF	E Z JM	PN	17 12 01.6			1	580	5.2	184.1	3.7
	E Z JM	PG	17 12 18.1			1				
	E N BE	SG	17 12 53.6			2				
BNS	E Z FS	-	17 14 29.5				770	6.9	158.5	341.1

JUN 26
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	05 57 13.0							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 26										
NO DETERMINATION OF EPICENTER										
BUH	E	Z GT PN	06 19 34.0							
JUN 26 ERL										
H= 06 25 23.6										
LAT = 33.3 N										
LONG= 140.8 E										
DEPTH= 58 KM										
MAGNITUDE= 4.5										
SOUTH OF HONSHU, JAPAN										
GRF	E	Z BE P	06 38 00.0			1	9570	86.0	40.3	329.9
JUN 26										
NO DETERMINATION OF EPICENTER										
BUH	E	Z GT PG	06 53 15.9							
JUN 26 ERL										
H= 08 08 24.8										
LAT = 21.1 N										
LONG= 120.3 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.0										
TAIWAN REGION										
GRF	E	Z BE P	08 21 03.0			2	9540	85.8	62.2	322.0
FUR	+I	Z SL P	08 21 07.-	1.7	1.81	6	9610	86.4	62.2	320.6
	-I	Z SL AP	08 21 16.-	1.7	1.77	1				
	-I	Z SL XPCP	08 21 26.-	1.5	1.38	3				
JUN 26										
NO DETERMINATION OF EPICENTER										
HOF	-E	Z SL -	08 45 19.-	6.0	3.01	5				
JUN 26 ERL										
H= 10 05 59.2										
LAT = 51.9 N										
LONG= 156.0 E										
DEPTH=189 KM										
MAGNITUDE= 5.6										
KAMCHATKA										
HAM	E	Z SX P	10 16 59.-							
HOF	-I	Z SL P	10 17 14.-			3	7920	71.2	21.4	339.4
BNS	-I	Z FS P	10 17 16.3	1.9	2.73	9	8200	73.7	22.2	337.0
	E	Z FS -	10 17 50.5	1.7	2.43		8250	74.2	19.4	340.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	-I	Z BE P	10 17 18.8			9	8280	74.4	21.7	337.1
STU	-I	Z BE P	10 17 25.6	1.1	2.43	5	8430	75.8	20.5	338.1
FUR	-I	Z SL P	10 17 26.-	1.5	2.38	9	8430	75.9	21.6	336.5
	-I	Z SL -	10 17 33.-	1.5	2.08	2				
	+I	Z SL AP	10 18 13.-	1.7	2.05	4				
	+I	Z SL XP	10 18 28.-	1.7	2.00	3				
	-I	Z SL XPCP	10 18 46.-	1.7	2.00	3				
BUH	E	Z GT P	10 17 27.0				8460	76.1	19.9	338.7
JUN 26										
NO DETERMINATION OF EPICENTER										
BNS	E	Z FS -	11 30 24.-							
	E	Z FS -	11 30 31.-							
JUN 26 ERL										
H= 12 31 58.4										
LAT = 35.6 N										
LONG= 27.0 E										
DEPTH= 79 KM										
MAGNITUDE= 4.0										
DODECANESE ISLANDS										
GRF	E	Z BE P	12 36 08.4			1	2030	18.2	134.7	325.5
JUN 26 ERL										
H= 16 04 07.7										
LAT = 4.7 N										
LONG= 32.6 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.2										
CENTRAL MID-ATLANTIC RIDGE										
BUH	E	Z GT P	16 13 41.3				6220	55.9	231.9	31.6
BNS	E	Z FS P	16 13 51.8	2.8	2.23		6320	56.9	229.7	28.9
	E	Z FS -	16 14 03.3							
FUR	+E	Z SL P	16 13 54.-	2.2	2.17	9	6370	57.3	235.3	33.5
	-I	Z SL AP	16 14 02.-	2.0	2.03	1				
GRF	E	Z BE P	16 14 00.4			2	6450	58.1	234.4	32.0
HOF	-I	Z SL P	16 14 07.-	1.0	2.58	9	6540	58.8	234.8	31.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 26 ERL H= 16 31 08.6 LAT = 4.6 N LONG= 32.6 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 CENTRAL MID-ATLANTIC RIDGE										
BNS	E Z FS	P	16 40 51.5				6330	56.9	229.5	28.8
FUR	+E Z SL	P	16 40 55.-	2.0	1.99	9	6370	57.3	235.1	33.4
GRF	E Z BE	P	16 41 01.9			2	6470	58.2	234.3	31.9
JUN 27 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	02 47 28.7			1				
	E N BE	S	02 48 28.9			2				
FUR	-I Z SL	-	02 48 03.-	1.5	1.38	3				
	Z SL	MAXIMUM	02 49 22.-	1.5	1.56					
JUN 27 ERL H= 06 39 44.4 LAT = 29.7 N LONG= 70.3 E DEPTH= 12 KM MAGNITUDE= 5.5 WEST PAKISTAN										
GRF	E Z BE	P	06 48 27.8			2	5370	48.3	91.5	311.7
BUH	E Z GT	P	06 48 41.5				5590	50.2	88.4	310.4
BNS	E Z FS	P	06 48 47.2							
	E Z FS	-	06 50 45.-				5660	50.9	89.5	313.4
JUN 27 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	09 42 59.5							
	I Z FS	-	09 43 02.9							
JUN 27 ERL H= 10 48 55.6 LAT = 29.7 N LONG= 70.3 E DEPTH= 8 KM MAGNITUDE= 5.4 WEST PAKISTAN										
GRF	E Z BE	P	10 57 39.3	1.0	1.66	3	5370	48.3	91.5	311.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 27 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	12 59 40.-	2.0	1.73					
JUN 27 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	13 16 57.-	1.9	1.66	3				
JUN 27 ERL H= 15 59 35.0 LAT = 36.3 N LONG= 69.5 E DEPTH= 53 KM MAGNITUDE= 5.1 HINDU KUSH REGION NOS= FELT IN ISHKAMISH CITY AREA.										
GRF	E Z BE	P	16 07 44.3			2	4850	43.6	85.0	306.8
	E Z BE	PP	16 09 22.7			3				
FUR	-E Z SL	APCP	16 09 32.-	2.0	1.88	2	4870	43.8	83.5	304.6
JUN 27 ERL H= 19 39 36.1 LAT = 14.0 N LONG= 91.8 W DEPTH= 74 KM MAGNITUDE= 5.1 GUATEMALA										
GRF	E Z BE	P	19 52 18.5			2	9750	87.6	288.8	39.3
JUN 27 ERL H= 23 07 24.1 LAT = 33.3 N LONG= 140.8 E DEPTH= 53 KM MAGNITUDE= 4.3 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	23 20 06.0			1	9570	86.1	40.3	329.9
JUN 27 ERL H= 23 54 49.0 LAT = 33.3 N LONG= 140.9 E DEPTH= 46 KM MAGNITUDE= 4.1 SOUTH OF HONSHU, JAPAN										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	00 07 27.4			1	9570	86.1	40.2	330.0

JUN 28 ERL
H= 01 43 56.5
LAT = 43.0 N
LONG= 20.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
YUGOSLAVIA

309.21
304.17

JUN 28 BCS
H= 01 44 00.0
LAT = 43.0 N
LONG= 20.5 E
YUGOSLAVIA

FUR	-E Z SL	PN	01 45 56.-	1.3	1.51	4	920	8.2	125.0	311.6
	+E Z SL	-	01 46 29.-	1.3	1.75	2				
	-I Z SL	PG	01 46 58.-	1.5	1.38	3				
	-E Z SL	SN	01 47 34.-	1.5	1.30	3				
	Z SL	MAXIMUM	01 49 40.-	1.8	2.27					
GRF	E Z BE	P	01 46 11.4			2	1030	9.2	132.6	319.3
BUH	E Z GT	P	01 46 24.1				1140	10.2	118.8	307.6
BNS	E Z FS	-	01 46 49.5				1340	12.0	126.0	315.7

JUN 28 ERL
H= 01 50 43.9
LAT = 37.4 N
LONG= 141.3 E
DEPTH= 70 KM
MAGNITUDE= 5.4
NEAR EAST COAST OF HONSHU, JAPAN

GRF	+I Z BE	P	02 03 02.0	0.9	1.79	4	9190	82.7	37.9	330.0
	+E Z BE	AP	02 03 17.4			2				
FUR	+I Z SL	P	02 03 07.-	1.5	1.60	9	9330	83.9	37.8	329.0
	+E Z SL	AP	02 03 21.-	1.8	1.72	2				
	+E Z SL	XPCP	02 03 39.-	1.8	1.57	5				
	-E Z SL	-	02 03 52.-	1.6	1.32	2				
STU	+E Z BE	P	02 03 09.0	0.9	1.70	2	9370	84.2	36.4	330.5
BUH	E Z GT	P	02 03 11.5				9420	84.7	35.7	330.9

JUN 28
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	04 33 52.5			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUN 28
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	07 03 41.-	1.9	1.66	1				
	-E Z SL	-	07 03 51.-	1.1	2.00	7				

JUN 28 ERL
H= 09 27 49.5
LAT = 33.4 N
LONG= 140.8 E
DEPTH= 69 KM
MAGNITUDE= 5.2
SOUTH OF HONSHU, JAPAN

GRF	-E Z BE	P	09 40 24.6			3	9560	86.0	40.3	329.9
FUR	+E Z SL	XPCP	09 40 45.-	1.5	1.08	3	9690	87.1	40.3	328.9
	-E Z SL	-	09 40 52.-	1.5	1.20	2				

JUN 28 ERL
H= 09 49 34.9
LAT = 27.6 N
LONG= 33.8 E
DEPTH= 15 KM
MAGNITUDE= 5.6
UNITED ARAB REPUBLIC

JUN 28 BCS
H= 09 49 41.0
LAT = 27.6 N
LONG= 33.6 E
DEPTH= 60 KM
UNITED ARAB REPUBLIC

NOS= FELT (VI) IN SOUTHERN SINAI

FUR	-I Z SL	P	09 55 17.-	1.4	2.22	9	2990	26.9	131.5	325.6
	-I Z SL	AP	09 55 20.-	1.5	2.45	4				
	+I Z SL	XP	09 55 26.-	1.7	2.34	2				
	+I Z SL	PP	09 55 56.-	1.5	1.90	4				
	+I Z SL	PCP	09 58 32.-	2.0	2.21	9				
	-I Z SL	-	10 00 28.-	5.8	3.27	7				
	N SL	RM	10 10 40.-	15.0	3.37					
GRF	-E Z BE	P	09 55 26.6	1.0	1.84	3	3110	28.0	133.5	327.9
HOF	+I Z SL	P	09 55 30.-	1.5	2.56	9	3130	28.1	135.4	329.5
	-I Z SL	AP	09 55 35.-	3.0	2.86	9				
	+E Z SL	-	10 00 41.-	6.0	3.18	9				
	+E Z SL	SS	10 01 38.-	6.0	3.01	9				
	+E Z SL	-	10 02 34.-	4.0	2.55	3				
STU	E Z BE	P	09 55 30.2	1.4	2.60	2	3150	28.4	129.1	324.6
BUH	E Z GT	P	09 55 33.6				3200	28.8	127.5	323.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
			09 55 36.4	5.0		2	3220	28.9	128.3	324.3
KRL	+E Z ST	P								
			09 55 43.0			3	3300	29.7	130.0	326.3
TNS	2E Z SL	P	10 01 12.0			6				
	E N SL	S	10 02 10.0			2				
	E E SL	SS								
			09 55 51.0	4.0	2.72		3420	30.8	129.1	326.4
BNS	-I Z FS	P	09 55 52.-	6.0						
	-I Z SL	-	09 56 19.-							
	E Z FS	-	10 01 10.-							
	E Z SL	S	10 06 50.-	30.0						
	E Z SL	LR	10 10 30.-	22.0						
	Z SL	-								
			09 55 56.-			3	3470	31.2	136.2	332.2
HAM	E Z SX	P								
			09 56 05.-			3	3620	32.6	134.0	331.6
HLG	- Z SL	P								

JUN 28
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	12 50 03.5							
	E Z FS	-	12 50 16.0							

JUN 28
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	13 24 28.-	1.5	1.30	5				

JUN 28 ERL
H= 15 47 32.9
LAT = 36.0 N
LONG= 141.5 E
DEPTH= 57 KM
MAGNITUDE= 4.7
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	15 59 58.7			2	9340	84.0	38.4	330.1

JUN 28
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	16 28 22.-	1.9	1.66	5				

JUN 28
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	17 47 12.-	1.5	1.30	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUN 29 ERL
H= 03 32 11.2
LAT = 38.9 N
LONG= 71.4 E
DEPTH= 53 KM
MAGNITUDE= 4.9
AFGHANISTAN-USSR BORDER REGION

GRF	E Z BE	P	03 40 09.0			1	4820	43.4	80.7	304.8
BUH	E Z GT	P	03 40 30.5				5060	45.5	77.8	303.9

JUN 29 ERL
H= 03 44 10.0
LAT = 11.4 N
LONG= 125.7 E
DEPTH= 67 KM
MAGNITUDE= 5.1
SAMAR, PHILIPPINE ISLANDS

GRF	E Z BE	PP	04 01 17.8			1	10740	96.6	63.9	323.5

JUN 29
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	04 46 00.8			1				
	E Z BE	PG	04 46 13.5			2				
	E N BE	SG	04 46 57.2			2				

JUN 29
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	11 02 00.-	1.5	1.45					

JUN 29
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 12 20.-	1.5	1.60					

JUN 29
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	11 32 35.-	1.5	1.56					

JUN 29
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	12 59 09.0			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 29 NFB H= 15 05 00.9 LAT = 51.0 N LONG= 9.2 E DEPTH= 0 KM (GEOPHYSICIST) GERMANY NFB= QUARRYBLAST AT DORHEIM, HESSEN. SHOTPOINT NO. 13 H= 15 05 00.87, 50 DEG. 57 MIN. 52.8 SEC. N, 9 DEG. 13 MIN. 9 SEC. E, HEIGHT= 320 METERS, CHARGE= 3.5 TONS										
BNS	E Z FS	PG	15 05 45.4				140	1.3	89.2	270.7
	E N X	SG	15 05 52.0							
GRF	E Z BE	PN	15 05 33.6			2	200	1.8	315.6	134.1
	-I Z BE	PG	15 05 38.8			6				
	E E BE	SG	15 06 00.5			2				
JUN 29 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	17 14 22.6							
JUN 29 ERL H= 17 16 47.6 LAT = 50.6 N LONG= 154.0 E DEPTH=212 KM MAGNITUDE= 4.8 KURIL ISLANDS										
GRF	-E Z BE	P	17 28 07.9			3	8350	75.1	23.5	336.0
JUN 29 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	22 19 27.-							
JUN 30 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	03 39 35.0							
FUR	-I Z SL	-	03 40 21.-	1.5	1.38	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 30 ERL H= 03 56 28.6 LAT = 14.0 N LONG= 93.3 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 NEAR COAST OF CHIAPAS, MEXICO										
BUH	E Z GT	P	04 09 13.1				9680	87.0	287.8	40.6
JUN 30 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 32 48.5			2				
	E N BE	SG	11 33 15.1			2				
JUN 30 ERL H= 12 40 00.3 LAT = 17.9 S LONG= 178.7 W DEPTH=600 KM MAGNITUDE= 5.3 FIJI ISLANDS REGION										
HOF	-I Z SL	PKP1	12 58 37.-	2.0	2.35	7	16290	146.5	18.5	347.7
BNS	+I Z FS	PKP	12 58 37.7	1.0	2.20		16310	146.6	10.2	353.2
GRF	E Z BE	PKP	12 58 18.9			1	16370	147.3	17.6	348.1
	E Z BE	PKP	12 58 38.9			4				
	E Z BE	APKP	13 00 54.7			2				
	E Z BE	PP	13 02 31.7			2				
FUR	-E Z SL	PKP1	12 58 39.-	1.9	1.81	4	16540	148.7	18.5	347.1
	-I Z SL	PKHKP	12 58 42.-	1.9	2.44	4				
	-I Z SL	PKP2	12 58 48.-	1.5	1.81	3				
	+I Z SL	-	12 59 08.-	1.9	2.10	7				
BUH	E Z GT	P	12 58 12.0				16540	148.8	12.8	351.1
	E Z GT	P	12 58 43.0							
JUN 30 NO DETERMINATION OF EPICENTER										
BNS	-I Z FS	P	13 28 54.0	1.8	2.00					
JUN 30 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	14 25 19.-							
	E Z FS	-	14 25 22.-							
	E Z FS	-	14 25 29.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUN 30 ERL H= 15 35 49.1 LAT = 19.0 S LONG= 169.2 E DEPTH=180 KM MAGNITUDE= 4.8 NEW HEBRIDES ISLANDS										
GRF	+E Z BE	PKP	15 55 05.0	1.0	1.62	3	16080	144.6	37.8	335.1
FUR	-I Z SL	PKP1	15 55 08.-	2.0	2.03	3	16210	145.8	39.3	333.4
	+I Z SL	PKHKP	15 55 11.-	2.0	1.99	3				
	+I Z SL	APKP	15 55 53.-	1.7	1.77	3				
BUH	E Z GT	P	15 55 10.6				16300	146.6	34.1	336.9
JUN 30 ERL H= 17 49 33.4 LAT = 27.2 N LONG= 56.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 SOUTHERN IRAN										
GRF	E Z BE	P	17 57 18.2			2	4600	41.4	105.7	315.4
	E Z BE	-	17 57 27.0			4				
JUN 30 ERL H= 18 57 43.4 LAT = 24.3 N LONG= 121.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 TAIWAN										
GRF	E Z BE	P	19 10 11.0			2	9310	83.7	59.7	322.1
FUR	+E Z SL	P	19 10 16.-	2.0	1.99	2	9390	84.5	59.6	320.8
	-E Z SL	PGP	19 10 18.-	2.0	2.11	2				
	-I Z SL	AP	19 10 23.-	1.2	1.87	4				
	+E Z SL	XP	19 10 30.-	1.5	1.30	5				
JUL 01 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	02 41 52.5							
JUL 01 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	04 47 59.8							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 01 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	05 02 31.5							
	E Z FS	-	05 02 42.5	1.5	2.15					
JUL 01 ERL H= 05 44 48.2 LAT = 21.9 S LONG= 175.0 W DEPTH= 41 KM MAGNITUDE= 5.0 TONGA ISLANDS										
BNS	E Z FS	PKP	06 04 37.5				16780	150.9	4.3	357.1
GRF	E Z BE	PKP	06 04 40.6			2	16880	151.8	12.4	351.4
BUH	E Z GT	PKP	06 04 55.2				17030	153.1	6.7	355.2
JUL 01 NO DETERMINATION OF EPICENTER										
GRF	+E Z BE	PG	11 09 30.2			6				
	E N BE	SG	11 10 08.1			2				
BUH	E Z GT	P	11 10 21.0							
FUR	-I Z SL	-	11 11 19.-	1.3	1.86	3				
	-I Z SL	-	11 11 28.-	1.5	1.56	5				
BNS	-E Z FS	P	11 11 25.0	1.4	1.48					
JUL 01 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	14 08 10.0							
JUL 02 ERL H= 00 47 37.7 LAT = 20.8 S LONG= 174.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 TONGA ISLANDS										
GRF	+E Z BE	PKP	01 07 29.3			2	16780	150.9	10.4	352.8
FUR	-I Z SL	PKP2	01 07 48.-	2.0	1.99	2	16950	152.4	11.1	352.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
JUL 02 BCS H= 12 56 03.0 LAT = 30.1 N LONG= 50.8 E IRAN									
JUL 02 ERL H= 12 56 06.7 LAT = 30.1 N LONG= 50.8 E DEPTH= 31 KM MAGNITUDE= 5.4 IRAN									
NOS= FELT IN GACH SARAN AREA.									
FUR	+E Z SL	P	13 02 58.-	1.5	1.78	5	3900	35.1	106.4 312.2
	-I Z SL	AP	13 03 08.-	1.5	2.13	3			
	-I Z SL	PP	13 04 21.-	1.7	2.07	1			
	-I Z SL	XPP	13 04 33.-	1.5	2.05	9			
	-I Z SL	PPP	13 04 40.-	1.5	2.05	6			
	+I Z SL	-	13 04 55.-	1.8	2.08	5			
	+I Z SL	PCP	13 05 29.-	1.8	2.15	2			
	+I Z SL	XPCP	13 05 44.-	1.8	1.95	1			
	+E Z SL	S	13 08 32.-	8.0	3.00	8			
	+I Z SL	SSS	13 11 17.-	2.0	2.21	8			
HOF	-E Z SL	P	13 03 11.-	2.0	2.10	4	3940	35.4	109.9 315.9
	+E Z SL	PP	13 04 29.-	2.0	2.28	2			
	Z SL	RM	13 21 10.-	10.0	3.33				
GRF	E Z BE	P	13 03 03.2			2	3960	35.6	108.4 314.7
	I Z BE	-	13 03 05.6	1.2	2.22	4			
	E Z BE	PCP	13 05 22.2			2			
BUH	E Z GT	P	13 03 15.0				4140	37.2	104.1 312.1
HAM	E Z SX	P	13 03 21.-			1	4190	37.7	111.8 320.2
BNS	E Z FS	P	13 03 28.0	2.5	2.48		4270	38.4	105.9 315.4
	+E Z SL	-	13 03 28.-						
	E Z SL	S	13 09 33.-						
	E Z SL	-	13 12 27.-						
	Z SL	-	13 20 00.-	28.0					
HLG	Z SL	P	13 03 33.-			1	4340	39.0	110.5 320.5
JUL 02 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	P	13 22 53.1						
JUL 02 NO DETERMINATION OF EPICENTER									

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
BNS	E Z FS	PG	17 00 43.3						
	E Z FS	SG	17 00 56.0						
JUL 03 ERL H= 01 19 26.7 LAT = 18.7 N LONG= 145.1 E DEPTH=618 KM MAGNITUDE= 5.7 MARIANA ISLANDS									
GRF	-E Z BE	P	01 32 10.6	1.1	1.57	3	11190	100.6	44.0 331.5
	-E Z BE	XP	01 35 28.2			2			
	+E Z BE	PP	01 36 26.4			3			
FUR	-E Z SL	-	01 32 10.-	1.7	1.46	2	11300	101.7	44.3 330.4
	-I Z SL	P	01 32 15.-	1.5	1.51	2			
	+E Z SL	XP	01 35 24.-	2.0	1.88	4			
	+I Z SL	PP	01 36 36.-	1.8	2.27	6			
BUH	E Z GT	PP	01 36 42.3				11420	102.7	41.6 332.3
JUL 03 BCS H= 02 09 59.0 LAT = 30.0 N LONG= 50.8 E IRAN									
JUL 03 ERL H= 02 10 00.4 LAT = 30.1 N LONG= 50.8 E DEPTH= 38 KM MAGNITUDE= 5.0 IRAN									
FUR	+E Z SL	P	02 16 51.-	1.0	2.00	1	3910	35.2	106.5 312.3
	-I Z SL	AP	02 17 00.-	1.5	1.60	1			
	+I Z SL	XP	02 17 04.-	1.9	1.96	2			
GRF	+E Z BE	P	02 16 56.2			5	3970	35.7	108.5 314.8
JUL 03 ERL H= 05 24 15.3 LAT = 13.9 N LONG= 53.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SOCOTRA REGION									
FUR	+I Z SL	P	05 32 59.-	1.9	1.96	2	5430	48.8	119.8 323.2
	-I Z SL	AP	05 33 06.-	1.5	1.60	2			
	-E Z SL	XP	05 33 11.-	1.5	1.30	5			
	+I Z SL	PPP	05 35 47.-	2.0	1.99	5			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
JUL 03										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	12 04 14.6			1				
	E N BE	SG	12 04 52.5			2				
JUL 03										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	12 24 12.-	1.5	1.20	2				
JUL 03 ERL										
H= 15 05 57.4										
LAT = 37.3 N										
LONG= 141.3 E										
DEPTH= 62 KM										
MAGNITUDE= 4.2										
NEAR EAST COAST OF HONSHU, JAPAN										
GRF	+E Z BE	P	15 18 17.3			2	9210	82.8	37.9	329.9
JUL 03										
NO DETERMINATION OF EPICENTER										
BUH	+I Z GT	P	16 11 49.7							
JUL 03										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	17 01 00.6							
JUL 03 ERL										
H= 21 36 22.2										
LAT = 30.0 N										
LONG= 51.0 E										
DEPTH= 43 KM										
MAGNITUDE= 5.1										
IRAN										
FUR	-I Z SL	P	21 45 13.-	1.3	2.02	7	3920	35.3	106.3	312.2
	-I Z SL	AP	21 45 21.-	1.8	1.72	2				
	+E Z SL	PP	21 46 36.-	1.9	1.74	3				
GRF	E Z BE	P	21 45 17.3	0.8	1.64	2	3970	35.7	108.3	314.7
	E Z BE	PCP	21 47 47.0			3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
JUL 04 ERL										
H= 01 04 35.1										
LAT = 38.5 N										
LONG= 142.0 E										
DEPTH= 52 KM										
MAGNITUDE= 5.3										
NEAR EAST COAST OF HONSHU, JAPAN										
HAM	E Z SX	P	01 16 40.-			3	8840	79.5	36.3	333.2
HLG	E Z SL	P	01 16 38.-			2	8850	79.6	35.0	334.6
HOF	+E Z SL	P	01 16 47.-	1.5	2.39	9	9040	81.3	37.4	330.2
	Z SL	RM	01 51 00.-	15.0	3.54					
GRF	+E Z BE	P	01 16 52.1	1.0	2.02	5	9120	82.0	36.9	330.2
	-E Z BE	PCP	01 17 05.3			3				
BNS	+I Z FS	P	01 16 53.5	1.3	1.70		9170	82.5	34.2	333.1
	E Z FS	-	01 17 06.-							
FUR	+E Z SL	P	01 16 57.-	1.5	1.72	9	9250	83.2	36.8	329.3
	-I Z SL	XP	01 17 11.-	1.7	2.07	9				
	-I Z SL	-	01 17 32.-	1.5	1.56	5				
	-I Z SL	-	01 17 50.-	1.7	1.97	9				
	-I Z SL	-	01 18 04.-	2.0	2.15	2				
	Z SL	RM	01 57 30.-	15.0	3.38					
BUH	E Z GT	P	01 17 01.2				9340	84.0	34.7	331.2
JUL 04 ERL										
H= 01 40 50.7										
LAT = 33.4 N										
LONG= 140.9 E										
DEPTH= 42 KM										
MAGNITUDE= 4.5										
SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	01 53 31.1			2	9570	86.0	40.2	329.9
JUL 04										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	06 04 17.3							
JUL 04										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	06 21 16.-	2.0	1.73	1				
JUL 04										
NO DETERMINATION OF EPICENTER										

STU, WESTERN SWABIAN JURA, GERMANY. H= 08 56 37, 48 DEG. 18 MIN. N,

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
9 DEG. 00 MIN. E, DEPTH= 7 KM, ML= 2.9										
KRL	+E N ST	-	08 56 08.-	0.5		4				
BUH	E Z GT	PN	08 56 08.5							
	-E Z GT	PG	08 56 49.5							
MSS	E E ST	PG	08 56 39.0							
	ST	SG	08 56 40.8							
STU	E Z BE	SG	08 56 53.7	0.5	2.26	2				
GRF	I Z BE	PG	08 57 15.2			4				
	E N BE	SG	08 57 40.7			2				
JUL 04 NO DETERMINATION OF EPICENTER										
STU= WESTERN SWABIAN JURA, GERMANY. H= 08 57 33.5, 48 DEG. 17 MIN. N, 9 DEG. 03 MIN. E, DEPTH= 8 KM., ML= 3.2										
MSS	E E ST	PG	08 57 35.5							
	ST	SG	08 57 37.4							
STU	+E Z BE	PG	08 57 42.7	0.5	1.94	2				
	+I E BE	SG	08 57 50.3	0.5	3.11	5				
BUH	-I Z GT	PG	08 57 46.1							
FUR	-I Z SL	-	08 58 08.-	1.2	1.80	6				
	+I Z SL	-	08 58 25.-	1.0	2.21	3				
GRF	I Z BE	PG	08 58 11.6			9				
	E N BE	SG	08 58 36.3			2				
BNS	E Z FS	P	08 59 11.5	1.2	1.30					
JUL 04 ERL H= 10 16 12.2 LAT = 9.4 N LONG= 122.5 E DEPTH= 58 KM MAGNITUDE= 5.5 NEGROS, PHILIPPINE ISLANDS										
BRN	E Z ET	P	10 29 27.-			3	10460	94.1	69.0	324.6
HOF	+E Z SL	P	10 29 31.-	1.5	2.47	9	10640	95.6	68.1	322.9
	-E Z SL	AP	10 29 44.-	3.0	2.41	3				
	+E Z SL	PP	10 33 26.-	3.0	2.43	2				
	+E Z SL	APP	10 33 36.-	2.0	2.20	2				
	-E Z SL	XPP	10 33 43.-	3.0	2.41	1				
	Z SL	RM	11 16 30.-	22.0	4.00					
GRF	+E Z BE	P	10 29 36.2							
	E Z BE	-	10 32 19.7			1	10710	96.3	67.6	322.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z BE	PP	10 33 26.8			2				
HLG	Z SL	P	10 29 36.-			2	10710	96.3	64.5	327.5
	Z SL	S	10 42 26.-			3				
FUR	+E Z SL	P	10 29 38.-	2.0	2.23	9	10770	96.8	67.9	321.1
	-E Z SL	AP	10 29 51.-	2.0	1.99	2				
	+I Z SL	PP	10 33 32.-	1.7	1.81	5				
	-I Z SL	XPP	10 33 50.-	2.0	2.48	3				
	+E Z SL	PPP	10 35 43.-	1.8	1.72	1				
	N SL	RM	11 19 30.-	18.0	3.63					
BNS	E Z FS	P	10 29 44.-				10910	98.1	64.3	324.7
	E Z FS	PP	10 33 34.-	2.0	1.95					
JUL 04 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	10 16 12.2							
JUL 04 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	10 57 09.0							
JUL 04 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 07 39.5			1				
	E N BE	SG	11 08 03.9			2				
JUL 04 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	15 27 41.6							
	E Z FS	-	15 27 49.5							
JUL 04 ERL H= 15 32 25.4 LAT = 9.8 S LONG= 159.4 E DEPTH= 63 KM MAGNITUDE= 5.0 SOLOMON ISLANDS										
GRF	+E Z BE	PP	15 55 01.6			2	14700	132.2	44.6	332.4
FUR	-E Z SL	SKP	15 55 04.-	2.0	2.21	9	14820	133.3	45.7	330.9
JUL 04 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PN	16 16 39.0							
JUL 04 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	17 54 50.8							
JUL 04 ERL H= 23 44 44.3 LAT = 31.2 S LONG= 179.4 W DEPTH=229 KM MAGNITUDE= 3.9 KERMADEC ISLANDS REGION										
GRF	+E Z BE	APKP	00 04 56.2			3	17780	159.9	27.2	339.7
JUL 05 ERL H= 01 09 52.9 LAT = 44.6 N LONG= 81.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 NORTHERN SINKIANG PROV., CHINA										
GRF	-E Z BE	P	01 18 18.0			2	5140	46.2	68.2	302.4
JUL 05 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	01 28 49.-	1.8	1.48	2				
	Z SL	MAXIMUM	01 38 30.-	10.0	2.66					
JUL 05 ERL H= 01 46 26.1 LAT = 18.7 S LONG= 169.3 E DEPTH=243 KM MAGNITUDE= 4.9 NEW HEBRIDES ISLANDS										
GRF	E Z BE	PKP2	02 05 33.7			2	16060	144.4	37.4	335.4
JUL 05 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	03 24 58.3							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 05 ERL H= 04 09 49.0 LAT = 43.6 N LONG= 87.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 NORTHERN SINKIANG PROV., CHINA										
GRF	E Z BE	P	04 18 48.9			2	5660	50.9	65.7	305.4
JUL 05 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	04 14 36.2							
JUL 05 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	06 51 20.0							
JUL 05 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	09 56 36.7							
JUL 05 ERL H= 10 16 38.4 LAT = 49.5 N LONG= 127.2 W DEPTH= 27 KM MAGNITUDE= 5.8 VANCOUVER ISLAND REGION										
HLG	I Z SL	P	10 28 00.-			3	7780	70.0	330.7	26.2
HAM	E Z SX	P	10 27 58.-			2	7910	71.2	332.1	25.4
BNS	I Z FS	P	10 28 05.0	2.3	2.63		8070	72.6	330.8	28.3
	E Z FS	-	10 29 12.3							
HOF	-E Z SL	P	10 28 17.-	1.5	1.99	4	8290	74.5	333.7	25.8
	+E Z SL	-	10 28 23.-	1.5	2.09	3				
	-I Z SL	AP	10 28 26.-	2.0	2.80	4				
	-E Z SL	APP	10 31 13.-	7.0	2.86	2				
	Z SL	RM	11 03 45.-	14.0	3.69					
KRL	+E N ST	P	10 28 20.-			2	8300	74.7	331.8	28.5
BUH	E Z GT	P	10 28 17.8				8330	74.9	331.7	28.8
GRF	-E Z BE	P	10 28 18.9	1.0	1.96	5	8330	74.9	333.4	26.5
	+I Z BE	-	10 28 28.3			9				
	+I Z BE	PCP	10 28 30.7			9				

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	P	10 28 28.-	1.5	2.05	9	8480	76.3	333.6	27.2
	-I Z SL	PCP	10 28 36.-	2.0	2.51	6				
	-E Z SL	APP	10 31 27.-	10.0	2.99	3				
	+E Z SL	-	10 33 24.-	10.0	2.93	1				
	-E Z SL	-	10 34 35.-	10.0	2.77	2				
	-E Z SL	-	10 39 14.-	10.0	2.99	3				
	Z SL	RM	11 06 00.-	13.0	3.59					

JUL 05
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	11 39 48.9			2				
	E N BE	SG	11 40 16.0			2				

JUL 05
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	17 29 12.-	1.9	1.55	4				
	+E Z SL	-	17 29 35.-	1.5	1.30	2				

JUL 05 BCS
H= 18 04 51.0
LAT = 36.8 N
LONG= 21.6 E
SOUTHERN GREECE

JUL 05 ERL
H= 18 04 54.1
LAT = 36.9 N
LONG= 21.5 E
DEPTH= 17 KM
MAGNITUDE= 4.7
SOUTHERN GREECE

GRF	E Z BE	P	18 08 31.2			2	1660	14.9	145.8	333.0

JUL 05
NO DETERMINATION OF EPICENTER

HLG	Z X	-	19 08 32.-			2				
	+I Z X	-	19 08 55.9			3				
	-I Z X	-	19 09 03.9			5				

JUL 05 ERL
H= 19 08 44.4
LAT = 37.6 N
LONG= 20.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 3.8
IONIAN SEA

GRF	E Z BE	P	19 12 10.5			2	1540	13.9	147.3	333.8

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUL 06
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	06 16 27.3							

JUL 06
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	10 37 25.1							

JUL 06
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 11 00.-	2.0	1.88					

JUL 06
NO DETERMINATION OF EPICENTER

BNS	+I Z FS	P	22 01 42.3							

JUL 07
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	11 07 38.4							

JUL 07 ERL
H= 12 04 11.6
LAT = 20.5 N
LONG= 98.1 E
DEPTH= 27 KM
MAGNITUDE= 5.0
BURMA

GRF	E Z BE	P	12 15 39.1			2	8080	72.7	78.7	317.2
FUR	+E Z SL	APCP	12 16 04.-	1.5	1.30	5	8110	73.0	78.3	315.6
	-I Z SL	XPCP	12 16 12.-	1.9	1.81	7				
BUH	E Z GT	P	12 15 51.0				8320	74.8	76.3	316.6

JUL 07 ERL
H= 12 36 14.1
LAT = 11.9 N
LONG= 126.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
PHILIPPINE ISLANDS REGION

GRF	E Z BF	P	12 49 43.1			1	10730	96.5	63.2	323.7

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	P	12 49 45.-	1.9	1.86	3	10800	97.2	63.5	322.3
	-E Z SL	XP	12 49 58.-	1.5	1.30	5				
	-E Z SL	APP	12 53 50.-	1.5	1.30	3				
JUL 07 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	14 00 29.8			1				
	E E BE	-	14 00 45.3			2				
JUL 08 ACS H= 03 00 07.0 LAT = 44.3 N LONG= 9.8 E NORTHERN ITALY										
FUR	+E Z SL	PB	03 01 25.-	1.5	1.38	2	440	4.0	195.4	14.3
	+E Z SL	SN	03 02 03.-	1.2	1.62	2				
	Z SL	MAXIMUM	03 02 55.-	1.7	1.46					
BUH	E Z GT	P	03 01 13.1				500	4.5	165.5	346.6
GRF	E Z BE	P	03 02 01.0			2	610	5.5	190.7	9.7
JUL 08 ERL H= 06 49 22.8 LAT = 36.3 N LONG= 71.4 E DEPTH=121 KM MAGNITUDE= 5.6 AFGHANISTAN-USSR BORDER REGION										
HOF	-I Z SL	P	06 57 23.-	1.5	2.39	9	4930	44.3	84.8	307.7
GRF	+E Z BE	P	06 57 26.6	1.4	2.66	1	4980	44.8	83.7	306.9
	E Z BE	PP	06 59 12.4			2				
FUR	+I Z SL	P	06 57 28.-	1.5	2.48	9	5000	44.9	82.2	304.8
	+I Z SL	AP	06 57 51.-	1.8	2.05	9				
	+I Z SL	XP	06 58 02.-	1.5	1.78	2				
	+I Z SL	PCP	06 58 09.-	1.8	2.02	7				
	+I Z SL	PP	06 58 15.-	1.5	1.96	6				
STU	E Z BE	P	06 57 37.5	1.5	2.40	2	5140	46.2	81.4	305.9
KRL	-I Z WH	P	06 57 42.0	2.0		5	5190	46.7	81.1	306.3
BUH	E Z GT	P	06 57 41.5				5210	46.9	80.7	305.9
BNS	+I Z FS	P	06 57 45.0	1.5	2.40		5250	47.2	82.1	309.1
	E Z FS	AP	06 58 08.5							
	E Z FS	-	06 59 05.5							

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 08 ERL H= 08 29 27.3 LAT = 46.1 N LONG= 154.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 KURIL ISLANDS REGION										
GRF	E Z BE	P	08 41 32.0	0.7	1.40	1	8830	79.4	24.9	336.8
FUR	+I Z SL	P	08 41 40.-	1.7	1.55	6	8980	80.8	24.9	336.1
JUL 08 ERL H= 12 10 54.7 LAT = 16.3 N LONG= 96.9 W DEPTH= 62 KM MAGNITUDE= 5.6 OAXACA, MEXICO										
HLG	Z SL	P	12 23 36.-			2	9490	85.3	291.3	34.8
BNS	+E Z FS	P	12 23 31.3	1.1	1.60		9570	86.1	291.0	37.9
	-I Z FS	-	12 23 40.2	1.7	2.36					
BUH	E Z GT	P	12 23 37.0				9740	87.5	291.9	39.8
GRF	E Z BE	P	12 23 45.5			1	9890	89.0	294.1	38.1
	E Z BE	-	12 23 54.2			1				
FUR	-E Z SL	APCP	12 23 57.-	1.8	1.72	7	9970	89.6	294.1	39.5
	+E Z SL	-	12 24 57.-	2.0	1.88	7				
JUL 08 NO DETERMINATION OF EPICENTER										
GRF	-I Z BE	PG	12 15 05.9	0.4	1.49	4				
	E N BE	SG	12 15 24.4			1				
JUL 09 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	06 18 49.0							
JUL 09 BCS H= 07 00 00.0 LAT = 49.9 N LONG= 35.7 E SOUTHWESTERN RUSSIA										

BCIS= UNDOUBTLY ARTIFICIAL (UPP).

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						1	1760	15.8	79.9	278.6
GRF	E Z BE	P	07 03 44.5							

JUL 09
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	07 09 46.-	1.9	1.56	2				
	-E Z SL	-	07 09 56.-	1.5	1.30	3				

JUL 09 ERL
H= 11 08 23.7
LAT = 20.2 S
LONG= 176.3 W
DEPTH=278 KM
MAGNITUDE= 4.5
FIJI ISLANDS REGION

GRF	E Z BE	PKP	11 27 43.4			1	16680	150.0	14.3	350.2
	E Z BE	-	11 29 49.3			2				

JUL 09 ERL
H= 13 54 35.3
LAT = 53.1 N
LONG= 154.4 E
DEPTH=390 KM (GEOPHYSICIST)
MAGNITUDE= 5.2
SEA OF OKHOTSK

BNS	-I Z FS	P	14 05 23.0	1.5	1.85		8080	72.7	20.0	339.0
GRF	E Z BE	P	14 05 25.1	0.9	1.99	2	8110	72.9	22.2	336.0
STU	-E Z BE	P	14 05 32.0	1.0	1.86	3	8260	74.3	20.9	336.9
FUR	-I Z SL	P	14 05 32.-	1.8	2.10	9	8270	74.3	22.0	335.4
	+E Z SL	-	14 06 18.-	1.5	1.30	3				
BUH	E Z GT	P	14 05 34.4				8300	74.6	20.3	337.5

JUL 10
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	01 34 10.8							

JUL 10 ERL
H= 06 30 02.9
LAT = 22.7 S
LONG= 176.2 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	06 49 57.0			1	16960	152.5	14.9	349.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUL 10
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	07 36 56.8							

JUL 10 ERL
H= 08 19 45.9
LAT = 30.8 N
LONG= 137.5 E
DEPTH=461 KM
MAGNITUDE= 4.6
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	08 31 40.8			1	9650	86.8	44.0	328.4

JUL 10
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	10 14 50.-							

JUL 10
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	10 50 38.6			1				
	E Z JM	PG	10 50 45.4			1				
	E N BE	SN	10 51 08.4			2				

JUL 10
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	11 39 42.8			1				
	E Z BE	PG	11 39 49.0			1				
	E N BE	SN	11 40 11.8			1				

JUL 10
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	13 16 15.2							

JUL 10
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	13 27 10.-	1.5	1.45					

JUL 11 ERL
H= 05 54 44.1
LAT = 36.4 N
LONG= 70.7 E
DEPTH=206 KM
MAGNITUDE= 5.4
HINDU KUSH REGION

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
				0.6	1.52	3	4930	44.4	84.1	306.8
GRF	E Z BE	P	06 02 36.2			1				
	E Z BE	XP	06 03 21.0							
	E Z BE	PP	06 04 23.0							
				1.8	1.78	2	4950	44.5	82.6	304.6
FUR	-I Z SL	P	06 02 50.-				5160	46.4	81.1	305.8
BUH	E Z GT	P	06 02 51.5				5200	46.8	82.5	309.0
				1.8	1.78					
BNS	+I Z FS	P	06 02 54.2							
	E Z FS	-	06 03 38.-							
	E Z FS	-	06 04 46.-							

JUL 11
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	06 02 27.-	1.5	1.51	8
	+I Z SL	-	06 02 37.-	2.0	2.21	3
	+I Z SL	-	06 03 22.-	1.9	2.07	3
	Z SL	MAXIMUM	06 04 28.-	1.7	1.94	

JUL 11 ERL
H= 06 58 21.4
LAT = 48.4 N
LONG= 154.5 E
DEPTH= 62 KM
MAGNITUDE= 5.2
KURIL ISLANDS

GRF	E Z BE	P	07 10 11.2	0.6	1.39	3	8600	77.3	24.2	336.5
FUR	+I Z SL	P	07 10 19.-	1.5	1.72	9	8750	78.7	24.1	335.8
BUH	E Z GT	P	07 10 20.0				8790	79.0	22.2	338.0

JUL 11
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	09 50 48.6			2
	E N BE	SG	09 51 09.6			1

JUL 11
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	11 31 22.8			1
	E Z BE	PG	11 31 24.2			1
	E N GT	SN	11 31 42.1			2
	E N GT	SG	11 31 45.1			1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUL 11 ERL
H= 15 46 12.0
LAT = 6.0 S
LONG= 153.0 E
DEPTH= 50 KM
MAGNITUDE= 5.5
NEW BRITAIN REGION

GRF	E Z BE	PKP	16 05 11.6			2	14000	125.9	49.4	330.3
BUH	E Z GT	PKP	16 05 14.5				14240	128.1	46.8	330.9

JUL 11 ERL
H= 20 46 11.6
LAT = 24.3 N
LONG= 94.7 E
DEPTH= 48 KM
MAGNITUDE= 4.6
BURMA-INDIA BORDER REGION

GRF	E Z BE	P	20 57 27.2	1.2	1.52	2	7540	67.8	78.4	315.8
BUH	E Z GT	P	20 57 39.1				7770	69.9	75.9	315.2

JUL 11 ERL
H= 22 49 02.3
LAT = 36.1 N
LONG= 45.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
IRAN-IRAQ BORDER REGION

JUL 11 BCS
H= 22 49 07.0
LAT = 36.1 N
LONG= 45.9 E
IRAN-IRAQ BORDER REGION

GRF	E Z BE	P	22 54 56.8			1	3160	28.4	105.5	309.4

JUL 12 ERL
H= 00 14 26.9
LAT = 49.3 N
LONG= 155.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
KURIL ISLANDS

GRF	E Z BE	P	00 26 16.4	1.1	1.60	1	8530	76.7	23.2	337.0
FUR	-I Z SL	P	00 26 24.-	1.5	1.45	2	8690	78.1	23.1	336.4
BUH	E Z GT	P	00 26 25.8				8720	78.4	21.2	338.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 12										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	06 07 02.1							
JUL 12										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	PG	12 00 29.3							
JUL 12	BCS									
H= 19 41 47.0										
LAT = 37.2 N										
LONG= 22.0 E										
SOUTHERN GREECE										
JUL 12	ERL									
H= 19 41 48.2										
LAT = 37.3 N										
LONG= 21.9 E										
DEPTH= 92 KM										
MAGNITUDE= 4.1										
SOUTHERN GREECE										
FUR	-E Z SL	P	19 44 57.-	1.9	1.74	6	1500	13.5	140.4	327.7
	+E Z SL	-	19 45 20.-	2.0	1.94	4				
	-I Z SL	-	19 45 30.-	1.3	1.75	2				
	-E Z SL	SS	19 47 38.-	2.2	2.12	2				
	Z SL	RM	19 49 40.-	4.0	2.73					
GRF	E Z BE	P	19 45 14.8			1	1640	14.7	144.0	331.4
JUL 12	ERL									
H= 20 05 23.7										
LAT = 16.6 S										
LONG= 179.1 W										
DEPTH=509 KM										
MAGNITUDE= 4.6										
FIJI ISLANDS REGION										
GRF	E Z BE	PKP	20 24 09.0	0.5	1.01	2	16250	145.2	17.9	348.0
JUL 12										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	23 36 14.6							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 13	ERL									
H= 01 59 29.4										
LAT = 28.3 S										
LONG= 63.1 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.3										
ATLANTIC-INDIAN RISE										
FUR	-I Z SL	P	02 12 22.-	1.9	2.07	9	9910	89.2	136.1	328.2
	-I Z SL	AP	02 12 31.-	1.5	2.05	1				
	+I Z SL	-	02 12 39.-	1.5	2.13	9				
	-I Z SL	-	02 12 59.-	1.7	2.07	3				
	+I Z SL	-	02 13 20.-	1.8	2.10	3				
	-I Z SL	-	02 13 50.-	1.8	1.91	4				
GRF	E Z BE	P	02 12 28.6			2	10040	90.3	136.0	329.3
	E Z BE	-	02 12 36.6			2				
HOF	-I Z SL	P	02 12 31.-	1.5	2.09	5	10060	90.4	136.5	330.0
BUH	E Z GT	P	02 12 30.3				10110	91.0	133.8	327.2
JUL 13										
NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	10 53 55.-	1.5	1.45					
JUL 13										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	11 33 13.0							
JUL 13										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	11 35 24.2							
	E Z GT	P	11 35 25.5							
JUL 13										
NO DETERMINATION OF EPICENTER										
HOF	-E Z SL	-	12 41 59.-	1.5	1.86	3				
JUL 13										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	13 23 44.-	1.8	1.78	4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 13 ROS H= 22 21 15.0 LAT = 43.7 N LONG= 13.4 E CENTRAL ITALY										
JUL 13 ERL H= 22 21 17.0 LAT = 43.8 N LONG= 13.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.4 CENTRAL ITALY										
NOS= FELT AT ANCONA.										
FUR	-E Z SL	PG	22 23 03.-	1.3	1.51	4	520	4.7	160.9	342.4
	-E Z SL	SN	22 23 24.-	1.3	1.60	2				
	+E Z SL	SB	22 23 39.-	2.0	1.81	2				
	-E Z SL	SG	22 23 50.-	1.5	1.45	4				
	Z SL	MAXIMUM	22 24 48.-	1.7	1.88					
BUH	E Z GT	P	22 22 45.8				680	5.1	142.3	326.0
GRF	E Z BE	P	22 23 00.0			2	690	6.2	165.1	346.7
JUL 13 ERL H= 23 43 41.1 LAT = 51.6 N LONG= 173.9 W DEPTH= 26 KM MAGNITUDE= 4.1 ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	E Z BE	P	23 55 58.3			1	8780	79.0	3.3	356.6
JUL 14 ERL H= 02 02 17.6 LAT = 10.5 S LONG= 113.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 SOUTH OF JAVA										
GRF	E Z BF	PKP	02 20 59.0			1	11800	106.2	87.2	318.7
FUR	+E Z SL	PKP1	02 20 44.-	2.0	1.73	5	11810	106.2	87.7	317.1
JUL 14 NO DETERMINATION OF EPICENTER										
BNS= EXPLOSION SUPPOSED										
BNS	E Z FS	PG	10 59 45.4							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z FS	SG	10 59 50.6							
	E Z FS	-	10 59 53.0							
JUL 14 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	14 04 57.9							
JUL 14 NFB H= 15 05 01.0 LAT = 50.5 N LONG= 10.0 E DEPTH= 0 KM (GEOPHYSICIST) GERMANY										
NFB= QUARRYBLAST AT HILDERS/RHOEN. SHOTPOINT NO. 2 H= 15 05 00.95, 50 DEG. 32 MIN. 31.8 SEC. N, 10 DEG. 02 MIN. 18.6 SEC. E HEIGHT= 730 METERS, CHARGE= 5.5 TONS										
GRF	E Z BE	PG	15 05 23.2			2	130	1.1	318.8	137.9
	E E BE	SG	15 05 40.0			3				
JUL 14 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	16 42 44.2							
JUL 14 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	17 17 24.1							
JUL 14 ERL H= 22 00 09.1 LAT = 16.1 S LONG= 173.7 W DEPTH= 80 KM (GEOPHYSICIST) MAGNITUDE= 5.0 TONGA ISLANDS										
GRF	E Z BE	PKP	22 19 43.3	0.9	1.21	1	16260	146.2	8.6	354.2
	E Z BE	APKP	22 20 04.9			2				
FUR	-E Z SL	PKP2	22 19 53.-	1.6	1.32	5	16430	147.7	9.1	353.7
	-I Z SL	APKP	22 20 09.-	1.5	1.51	2				
JUL 14 NO DETERMINATION OF EPICENTER										
BNS= ROCKBURST SUPPOSED										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
BNS	E Z FS	PG	22 19 26.0						
	E Z FS	SG	22 19 40.0						

JUL 15 ERL
H= 02 15 41.9
LAT = 24.2 N
LONG= 125.1 E
DEPTH= 29 KM
MAGNITUDE= 5.1
SOUTHWESTERN RYUKYU ISLANDS

GRF	E Z BE	P	02 28 21.1	1.3	1.52	2	9560	86.0	56.9 323.5
	E Z BE	AP	02 28 28.6			1			
FUR	+I Z SL	P	02 28 25.-	1.5	1.78	5	9650	86.8	56.8 322.1
	-I Z SL	AP	02 28 33.-	1.8	1.78	4			
	-I Z SL	XP	02 28 36.-	1.5	1.51	8			

JUL 15
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	06 07 39.8						
	E Z FS	-	06 07 53.-						

JUL 15
NO DETERMINATION OF EPICENTER

HOF	-I Z SL	-	12 26 00.-	1.5	2.29	8			

JUL 15 NFB
H= 13 05 00.1
LAT = 50.4 N
LONG= 10.0 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT BISCHOFSHEIM/RHOEN. SHOTPOINT NO. 11
H= 13 05 00.12, 50 DEG. 25 MIN. 18.6 SEC. N, 10 DEG. 01 MIN. 37.2 SEC. E
HEIGHT= 620 METERS, CHARGE= 4.575 TONS

GRF	-I Z BE	PG	13 05 21.0			4	120	1.1	314.1 133.2
BUH	E Z GT	PN	13 05 33.8				230	2.1	33.1 214.5

JUL 15 ERL
H= 16 18 15.2
LAT = 48.9 N
LONG= 151.9 E
DEPTH=120 KM (GEOPHYSICIST)
MAGNITUDE= 4.6
KURIL ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
GRF	E Z BE	P	16 29 51.5			2	8470	76.2	25.5 334.9
	E Z BE	-	16 29 56.7			2			

JUL 16 ERL
H= 00 29 16.6
LAT = 20.9 S
LONG= 178.7 W
DEPTH=600 KM
MAGNITUDE= 5.4
FIJI ISLANDS REGION

BNS	-E Z FS	PKP	00 47 59.0				16640	149.6	11.0 352.6
	E Z FS	-	00 48 08.8						
	E Z FS	APKP	00 50 21.2						
GRF	E Z BE	PKP	00 47 55.8			1	16700	150.2	19.0 347.0
	E Z BE	-	00 48 01.4			2			
	E Z BE	-	00 48 10.0			2			
	E Z BE	APKP	00 50 20.0			1			
STU	E Z BE	PKP	00 47 56.5	0.8	1.54	2	16840	151.4	15.7 349.0
FUR	-I Z SL	PKP1	00 47 58.-	1.5	1.38	2	16860	151.6	20.0 345.8
	+I Z SL	PKHKP	00 48 05.-	1.7	1.85	3			
	+I Z SL	PKP2	00 48 17.-	1.5	2.06	7			
	-I Z SL	APKP	00 50 28.-	1.9	2.26	9			
	-E Z SL	XPKP	00 51 33.-	1.9	1.96	5			
BUH	+E Z GT	PKP	00 47 58.0				16870	151.7	13.9 350.2
	E Z GT	-	00 50 26.0						

JUL 16 ERL
H= 02 20 23.6
LAT = 32.5 N
LONG= 95.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
TIBET

GRF	E Z BE	P	02 30 48.5	0.8	1.50	2	6980	62.8	71.1 313.3
FUR	-I Z SL	P	02 30 52.-	1.5	1.88	5	7030	63.2	70.4 311.7
	+E Z SL	PCP	02 31 28.-	1.4	1.34	4			
	+E Z SL	APCP	02 31 38.-	1.5	1.30	5			
	-E Z SL	PP	02 33 11.-	1.9	1.66	5			
	N SL	RM	03 02 00.-	17.0	3.33				
BUH	E Z GT	P	02 31 02.0				7220	65.0	68.7 313.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 16 ERL H= 02 46 50.7 LAT = 38.3 N LONG= 43.3 E DEPTH= 40 KM MAGNITUDE= 4.9 TURKEY										
JUL 16 BCS H= 02 46 56.0 LAT = 38.1 N LONG= 43.5 E TURKEY										
NOS= TEN INJURED AND MANY HOUSES DAMAGED IN VAN PROVINCE.										
FUR	-E Z SL	P	02 52 14.-	1.5	1.20	4	2800	25.2	101.3	303.5
	-I Z SL	-	02 52 17.-	1.5	1.51	2				
	-I Z SL	AP	02 52 21.-	1.3	1.86	2				
	-I Z SL	XP	02 52 26.-	1.2	2.02	2				
	+I Z SL	-	02 52 36.-	1.5	1.60	5				
	-I Z SL	-	02 52 43.-	1.5	1.72	3				
	-I Z SL	-	02 52 49.-	1.8	2.05	5				
	-I Z SL	PP	02 52 55.-	2.0	2.21	3				
	-I Z SL	PPP	02 53 09.-	1.5	1.78	8				
GRF	E Z BE	P	02 52 17.4	1.4	2.10	1	2840	25.6	104.3	306.9
	E Z BE	-	02 52 25.0			2				
	E Z BE	-	02 52 32.0			2				
JUL 16 ERL H= 03 39 59.8 LAT = 32.6 N LONG= 95.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 TIBET										
GRF	E Z BE	P	03 50 23.8			1	6970	62.7	71.2	313.3
JUL 16 ERL H= 04 21 40.3 LAT = 34.9 S LONG= 179.9 E DEPTH= 51 KM MAGNITUDE= 5.6 SOUTH OF KERMADEC ISLANDS										
GRF	E Z BE	PKP1	04 41 36.2	1.2	1.52	2	18130	163.0	33.6	334.1
	E Z BE	PKP2	04 42 22.7			1				
FUR	+I Z SL	PKP1	04 41 36.-	2.4	2.31	6	18270	164.3	35.8	330.8
	-I Z SL	XPKP	04 41 53.-	2.0	1.88	7				
	-I Z SL	PKP2	04 42 31.-	2.0	2.08	6				
	-E Z SL	XPKP	04 42 48.-	1.9	1.74	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-E Z SL	APP	04 46 32.-	2.0	1.88	2				
	-E Z SL	PCPPKP	04 51 25.-	1.7	1.54	6				
BUH	E Z GT	PKP	04 41 37.0				18340	164.9	27.3	338.3
JUL 16 ERL H= 05 35 37.3 LAT = 12.5 S LONG= 65.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 MID-INDIAN RISE										
FUR	-I Z SL	P	05 47 30.-	1.7	2.03	9	8600	77.3	125.4	326.0
	-I Z SL	PCP	05 47 37.-	1.5	1.81	8				
	-E Z SL	APCP	05 47 50.-	1.8	1.83	2				
GRF	E Z BE	P	05 47 34.9				8700	78.2	125.7	327.3
JUL 16 ERL H= 17 09 05.6 LAT = 3.0 S LONG= 101.0 E DEPTH= 28 KM MAGNITUDE= 5.6 SOUTHERN SUMATRA										
BRN	+I Z ET	P	17 22 10.4			2	10130	91.1	93.6	322.3
	+E Z ET	PP	17 25 44.5			2				
HOF	+E Z SL	P	17 22 13.-	1.5	1.99	4	10210	91.8	92.6	320.1
	+E Z SL	XP	17 22 25.-	2.0	2.10	4				
FUR	+I Z SL	P	17 22 14.-	1.6	1.63	9	10240	92.1	92.2	317.9
	-I Z SL	XPCP	17 22 28.-	1.5	1.45	2				
GRF	E Z BE	P	17 22 14.9	1.2	1.70	1	10250	92.2	92.1	319.5
BUH	E Z GT	P	17 22 22.5				10470	94.1	89.9	318.4
JUL 16 ERL H= 18 09 00.5 LAT = 21.2 S LONG= 175.7 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 TONGA ISLANDS										
HLG	-I Z SL	PKP	18 28 41.-			3	16350	147.0	6.2	356.1
BRN	+I Z ET	APKP	18 28 49.2			4	16470	148.1	15.9	349.6
BNS	-E Z FS	PKP	18 28 49.5	1.2	1.78		16710	150.3	5.5	356.3
HOF	-E Z SL	PKP1	18 28 50.-	2.0	2.20	1	16720	150.4	14.5	350.1

JUL 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	PKHKP	18 28 54.-	2.0	2.50	9				
	+E Z SL	APKP	18 28 59.-	3.0	2.41	2				
	-E Z SL	-	18 30 02.-	5.0	2.89	9				
	+E Z SL	PP	18 32 27.-	6.0	2.79	2				
						1	16800	151.1	13.5	350.7
GRF	E Z BE	PKP	18 28 51.4							
							16950	152.4	8.0	354.3
BUH	E Z GT	PKP	18 28 55.0							
							16960	152.6	14.3	349.8
FUR	-E Z SL	PKP1	18 28 48.-	1.7	1.46	5				
	-I Z SL	PKHKP	18 28 56.-	1.6	1.53	2				
	+I Z SL	PKP2	18 29 06.-	1.7	1.72	5				

JUL 17 ERL
H= 01 02 43.8
LAT = 40.2 N
LONG= 142.5 E
DEPTH= 71 KM
MAGNITUDE= 4.3
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	01 15 08.6			1	8980	80.8	35.7	330.4

JUL 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	06 47 49.8							

JUL 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	08 21 41.6							

JUL 17 ERL
H= 08 28 52.0
LAT = 55.0 N
LONG= 159.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
KAMCHATKA

GRF	E Z BE	P	08 40 16.7			1	8050	72.4	18.5	339.1
FUR	+E Z SL	P	08 40 26.-	1.8	1.99	3	8210	73.8	18.4	338.5
	-E Z SL	APCP	08 40 51.-	1.5	1.30	5				
	+I Z SL	-	08 41 46.-	2.0	1.88	7				
	N SL	RM	09 15 00.-	16.0	2.85					
BUH	E Z GT	P	08 40 25.0				8220	74.0	16.7	340.7

JUL 17
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PN	11 19 09.5							

JUL 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	11 34 15.8							

JUL 17
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	16 18 55.-	1.5	1.20	1				

JUL 17 ERL
H= 17 14 51.6
LAT = 31.5 N
LONG= 139.9 E
DEPTH= 42 KM
MAGNITUDE= 4.7
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	17 27 37.0			1	9700	87.2	41.9	329.5

JUL 17
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	18 26 20.-							
	E Z FS	-	18 26 32.3							
	E Z FS	-	18 26 43.8							

JUL 18 ERL
H= 02 15 23.6
LAT = 24.3 N
LONG= 142.1 E
DEPTH=577 KM
MAGNITUDE= 4.8
VOLCANO ISLANDS REGION

GRF	E Z BE	PP	02 31 40.8			1	10500	94.4	43.8	330.5

JUL 18
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	04 47 12.-	1.3	1.51	4				
	Z SL	MAXIMUM	04 48 05.-	1.8	1.65					
BUH	E Z GT	P	04 47 56.4							

JUL 18
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	10 08 36.1							

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+E Z SL	-	10 09 24.-	1.6	1.23	2				
	Z SL	MAXIMUM	10 10 25.-	1.8	1.78					
JUL 18 ERL H= 13 45 48.2 LAT = 41.6 N LONG= 23.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.0 GREECE-BULGARIA BORDER REGION										
FUR	Z SL	OM	13 53 00.-	5.0	2.78		1230	11.0	121.7	310.6
JUL 18 ERL H= 13 54 43.6 LAT = 43.2 N LONG= 145.3 E DEPTH=108 KM MAGNITUDE= 4.9 HOKKAIDO, JAPAN REGION										
GRF	E Z BE	P	14 06 37.9	0.8	1.00	1	8800	79.2	32.4	331.6
	E Z BE	-	14 06 41.7			2				
JUL 18 ERL H= 21 05 00.8 LAT = 14.4 S LONG= 76.3 W DEPTH= 13 KM MAGNITUDE= 5.1 NEAR COAST OF PERU										
FUR	+E Z SL	P	21 18 44.-	1.5	1.20	4	11010	99.0	258.6	42.6
JUL 18 ERL H= 22 06 34.2 LAT = 42.6 N LONG= 144.6 E DEPTH= 66 KM MAGNITUDE= 5.2 HOKKAIDO, JAPAN REGION										
GRF	E Z BE	P	22 18 35.2	0.9	1.19	2	8830	79.4	33.1	331.3
	E Z BE	AP	22 18 50.0			1				
FUR	+E Z SL	P	22 18 42.-	1.2	1.72	1	8970	80.7	33.0	330.4
	+E Z SL	APCP	22 18 58.-	1.5	1.30	2				
JUL 19 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	14 56 05.8							

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 19 NO DETERMINATION OF EPICENTER										
BUH	+I Z GT	PG	16 26 58.5							
JUL 19 NO DETERMINATION OF EPICENTER										
BNS	I Z FS	-	19 48 33.3	0.6	1.85					
	E Z FS	-	19 48 38.8							
JUL 20 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	03 35 37.3							
JUL 20 NO DETERMINATION OF EPICENTER BNS= EXPLOSION SUPPOSED										
BNS	E N X	SG	15 08 03.0							
JUL 20 ERL H= 17 16 00.2 LAT = 37.2 N LONG= 116.2 W DEPTH= 0 KM MAGNITUDE= 5.0 SOUTHERN NEVADA NOS= 37 DEG. 12 MIN. 52.3 SEC. N, 116 DEG. 11 MIN. 00.1 SEC. W, NEVADA TEST SITE. MAG. 4.8 ML (BRK).										
BUH	E Z GT	P	17 28 18.0				9040	81.3	318.2	33.6
GRF	E Z BE	P	17 28 21.8			2	9090	81.8	320.1	31.4
FUR	+I Z SL	P	17 28 29.-	1.7	1.55	3	9230	83.0	320.3	32.4
JUL 21 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	01 01 14.-	2.0	1.51	3				
	-I Z SL	-	01 01 24.-	1.5	1.45	2				
	+I Z SL	-	01 01 40.-	2.4	2.11	7				
GRF	E Z BE	P	01 01 25.2			1				
JUL 21 NO DETERMINATION OF EPICENTER										

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	+I Z GT	PG	03 35 28.6							
JUL 21 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	04 29 34.-	1.0	1.60	2				
	-I Z SL	-	04 29 43.-	1.3	1.90	5				
	Z SL	MAXIMUM	04 30 20.-	1.5	2.12					
BUH	E Z GT	P	04 29 54.2							
	I Z GT	P	04 30 01.5							
GRF	E Z BE	P	04 29 57.9			2				
	E E GT	S	04 30 28.2			1				
JUL 21 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	08 01 01.1			2				
	E E BE	S	08 01 30.9			2				
BUH	E Z GT	PN	08 01 04.2							
FUR	Z SL	MAXIMUM	08 01 25.-	1.5	1.68					
JUL 21 ERL H= 08 37 11.7 LAT = 21.9 S LONG= 176.0 W DEPTH=118 KM MAGNITUDE= 5.5 FIJI ISLANDS REGION										
BNS	-E Z FS	PKP	08 56 51.3	1.5	1.85		16780	150.9	6.2	355.8
	-I Z FS	-	08 57 24.2	1.5	2.15					
HOF	+E Z SL	APKP	08 57 18.-	1.5	1.86	3	16790	151.0	15.3	349.5
	+E Z SL	XPKP	08 57 24.-	1.5	2.09	3				
	-E Z SL	APKP	08 57 34.-	2.0	2.46	9				
	-E Z SL	XPKP	08 57 46.-	1.5	2.09	3				
GRF	E Z BE	PKP1	08 56 53.8			1	16870	151.7	14.3	350.0
	E Z BE	-	08 56 57.7			2				
	E Z BE	PKP2	08 57 04.3			2				
BUH	E Z GT	PKP	08 56 53.8				17020	153.1	8.8	353.7
FUR	+I Z SL	PKP1	08 56 57.-	1.8	1.72	2	17030	153.2	15.2	349.1
	+I Z SL	PKHKP	08 57 05.-	1.5	1.45	4				
	+I Z SL	-	08 57 09.-	2.0	2.08	4				
	-E Z SL	PKP2	08 57 16.-	1.8	1.48	2				
	-I Z SL	APKP	08 57 21.-	2.0	1.94	8				
	-I Z SL	XPKP	08 57 30.-	1.5	1.38	3				
	-I Z SL	APKP	08 57 42.-	1.7	1.77	2				
	+E Z SL	XPKP	08 57 52.-	2.0	1.88	7				

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 21 NO DETERMINATION OF EPICENTER FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.										
FUR	Z SL	MAXIMUM	11 11 51.-	1.9	1.96					
JUL 21 ERL H= 14 39 03.1 LAT = 9.2 N LONG= 126.0 E DEPTH=104 KM MAGNITUDE= 5.2 MINDANAO, PHILIPPINE ISLANDS										
FUR	+I Z SL	P	14 52 35.-	2.0	1.81	6	11020	99.1	65.3	322.0
JUL 21 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	15 31 19.-	1.8	1.72	7				
JUL 22 ERL H= 03 16 56.1 LAT = 60.7 S LONG= 19.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 SOUTHWESTERN ATLANTIC OCEAN										
FUR	-E Z SL	PP	03 36 10.-	1.5	1.30	3	12380	111.3	195.6	21.5
	-E Z SL	XPP	03 36 21.-	1.5	1.30	3				
	N SL	QM	04 20 00.-	18.0	3.18					
JUL 22 BCS H= 05 10 37.0 LAT = 45.0 N LONG= 37.1 E SOUTHWESTERN RUSSIA										
JUL 22 ERL H= 05 10 39.5 LAT = 44.9 N LONG= 36.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 CRIMEA REGION										
FUR	-E Z SL	P	05 14 48.-	2.0	1.73	2	2000	18.0	90.5	289.3
	-E Z SL	XPP	05 15 16.-	1.4	1.45	5				
GRF	E Z BE	P	05 14 51.6			1	2010	18.1	95.1	294.3
	E Z BE	PP	05 15 04.3			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						2				
	E Z BE	-	05 15 30.0							
JUL 22 ERL H= 06 03 01.0 LAT = 6.2 S LONG= 149.9 E DEPTH= 52 KM MAGNITUDE= 4.9 NEW BRITAIN REGION										
GRF	E Z BE	PKP	06 21 55.8				13840	124.5	52.9	328.6
BUH	E Z GT	PKP	06 21 59.7				14080	126.7	50.3	329.1
JUL 22 ERL H= 09 07 58.9 LAT = 44.1 N LONG= 146.2 E DEPTH= 41 KM MAGNITUDE= 4.3 KURIL ISLANDS										
GRF	E Z BE	P	09 19 59.1			1	8750	78.7	31.3	332.1
JUL 22 ERL H= 16 41 04.0 LAT = 31.4 N LONG= 91.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 TIBET										
HOF	Z SL	RH	17 19 00.-	15.0	3.49		6690	60.2	75.7	313.4
GRF	E Z BE	P	16 51 15.3	2.0	2.31	1	6760	60.8	74.9	312.8
FUR	-I Z SL	P	16 51 18.-	2.0	2.43	9	6800	61.1	74.1	311.1
	+I Z SL	AP	16 51 25.-	1.5	1.60	5				
	-I Z SL	XP	16 51 31.-	1.9	2.13	5				
	+I Z SL	-	16 51 42.-	1.9	1.96	9				
	N SL	QH	17 16 30.-	20.0	3.99					
STU	E Z ST	P	16 51 23.7	2.0	1.90	2	6930	62.3	73.1	312.2
KRL	+E N MH	S	17 00 01.0				6970	62.7	72.7	312.7
BNS	-E Z FS	P	16 51 29.0	1.8	1.90		6990	62.9	72.8	315.0
	E Z SL	LR	17 15 00.-							
	Z SL	-	17 20 50.-	17.0						
BUH	E Z GT	P	16 51 29.1				7000	62.9	72.4	312.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 22 ERL H= 18 07 30.5 LAT = 37.1 N LONG= 23.1 E DEPTH=133 KM MAGNITUDE= 3.9 SOUTHERN GREECE										
GRF	E Z BE	P	18 11 26.0			1	1690	15.2	141.3	329.4
JUL 22 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	19 32 10.-	1.5	1.20	2				
JUL 22 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	22 09 03.-	1.3	1.60	3				
JUL 22 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	22 29 45.-	1.9	1.74	2				
JUL 22 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	23 11 18.5							
JUL 23 ERL H= 09 51 19.6 LAT = 15.7 S LONG= 179.2 W DEPTH=479 KM MAGNITUDE= 4.6 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	10 10 04.1	0.9	1.49	2	16130	145.1	17.6	348.2
FUR	-I Z SL	PKP1	10 10 08.-	1.5	1.30	3	16290	146.5	18.4	347.3
JUL 23 ERL H= 09 59 03.4 LAT = 32.9 S LONG= 68.8 W DEPTH= 29 KM MAGNITUDE= 4.2 MENDOZA PROVINCE, ARGENTINA										
FUR	+E Z SL	-	10 17 15.-	2.0	1.73	3	11980	107.7	248.4	43.8
	-E Z SL	-	10 18 06.-	1.2	1.72	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+E Z SL	-	10 18 43.-	1.5	1.38	2				
						2	12060	108.4	240.8	42.4
GRF	E Z BE	PKIKP	10 17 24.3			2				
	E N GT	PP	10 18 11.6							

JUL 23 ERL
H= 10 32 33.6
LAT = 50.2 N
LONG= 129.1 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
VANCOUVER ISLAND REGION

GRF	E Z BE	P	11 04 12.0			1	8330	74.9	334.9	25.4
FUR	-E Z SL	P	11 04 22.-	2.0	1.73	2	8480	76.3	335.1	26.0
	-E Z SL	AP	11 04 29.-	2.0	1.73	3				
	+E Z SL	XP	11 04 34.-	2.0	1.73	5				

JUL 23 ERL
H= 18 36 13.0
LAT = 6.2 S
LONG= 130.5 E
DEPTH=158 KM
MAGNITUDE= 4.7
BANDA SEA

GRF	E Z BE	AP	18 21 35.8			1	12610	113.4	70.9	321.9

JUL 23 ERL
H= 19 13 09.0
LAT = 50.1 N
LONG= 129.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.9
VANCOUVER ISLAND REGION

HLG	-I Z SL	P	19 24 19.1			7	7780	70.0	332.3	25.2
	I Z SL	PCP	19 24 46.3							
	Z SL	S	19 33 38.-			2				
HAM	E Z SX	P	19 24 27.-			3	7920	71.2	333.6	24.4
	E N HI	S	19 33 52.-			3				
BNS	-I Z FS	P	19 24 35.0	1.8	2.30		8080	72.6	332.3	27.2
	-I Z SL	-	19 24 35.-	8.0						
	I Z SL	-	19 25 00.-							
	E Z SL	PP	19 27 20.-							
	E Z SL	S	19 34 00.-							
	E Z SL	-	19 39 24.-							
	E Z SL	LR	19 47 18.-	56.0						
	Z SL	-	19 58 00.-	17.0						
BRN	-I Z ET	P	19 24 37.3			9	8120	73.0	335.8	23.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
TNS	2I Z SL	P	19 24 42.0			3	8190	73.7	333.2	26.8
	2I Z SL	PP	19 27 28.0			3				
	2E N SL	S	19 34 22.0			9				
HOF	-E Z SL	P	19 24 47.-	4.0	2.85	3	8290	74.6	335.2	24.7
	-E Z SL	PCP	19 25 04.-	6.0	3.01	2				
	+I Z SL	APCP	19 25 12.-	6.0	3.55	4				
	+I Z SL	PP	19 27 37.-	4.0	2.85	3				
	+E Z SL	XPP	19 27 49.-	4.0	2.96	4				
	-E Z SL	PPP	19 29 21.-	8.5	3.18	2				
	-E Z SL	-	19 30 27.-	8.0	3.15	1				
	+E Z SL	-	19 30 36.-	8.0	3.30	9				
	-E Z SL	XS	19 34 31.-	4.0	2.80	9				
	+E Z SL	-	19 35 07.-	6.0	3.18	3				
	Z SL	RM	20 00 40.-	15.0	4.38					
KRL	-E Z WH	P	19 24 48.8	2.6		3	8310	74.8	333.3	27.3
	+E N MH	S	19 34 31.6	8.0		4				
GRF	E Z BE	P	19 24 48.6			2	8330	74.9	334.9	25.3
	E Z BE	-	19 25 52.2			3				
BUH	E Z GT	P	19 24 48.8				8340	75.0	333.3	27.6
STU	-E Z ST	P	19 24 50.0	2.0	1.90	4	8360	75.2	333.8	27.0
FUR	-I Z SL	P	19 24 57.-	2.6	2.82	9	8490	76.3	335.1	26.0
	+I Z SL	XPCP	19 25 27.-	4.0	3.44	9				
	+I Z SL	PP	19 25 51.-	2.0	2.48	9				
	+E Z SL	-	19 28 23.-	6.0	3.38	2				
	-E Z SL	PPP	19 29 32.-	6.8	3.19	2				
	+E Z SL	-	19 31 02.-	8.0	3.26	3				
	Z SL	RM	20 00 20.-	16.5	4.27					

JUL 23 ERL
H= 20 17 32.9
LAT = 50.1 N
LONG= 129.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
VANCOUVER ISLAND REGION

BNS	E Z FS	P	20 29 00.-				8080	72.7	332.4	27.1
GRF	E Z BE	P	20 29 14.0			1	8340	75.0	334.9	25.3
FUR	+E Z SL	P	20 29 24.-	1.9	1.66	5	8490	76.4	335.1	25.9

JUL 23 ERL
H= 21 43 07.2
LAT = 49.9 N
LONG= 128.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
VANCOUVER ISLAND REGION

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	21 54 53.0			1	8340	75.0	334.5	25.6
FUR	-E Z SL	P	21 54 59.-	1.8	1.57	1	8490	76.4	334.7	26.3
	-E Z SL	PCP	21 55 05.-	1.9	1.81	2				

JUL 24
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	07 45 01.5							

JUL 24 ERL
H= 10 22 22.7
LAT = 39.4 N
LONG= 40.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
TURKEY

FUR	+E Z SL	AP	10 27 27.-	2.0	1.73	2	2500	22.5	102.2	302.4
	+E Z SL	-	10 27 34.-	1.9	1.56	4				
GRF	E Z BE	P	10 27 27.4	0.9	1.39	2	2550	22.9	105.7	306.2
	E Z BE	-	10 27 31.8							

JUL 24 ERL
H= 10 51 42.9
LAT = 10.8 N
LONG= 65.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
NEAR COAST OF VENEZUELA

BNS	E Z FS	P	11 03 05.0				7880	70.8	263.5	39.7
FUR	-I Z SL	P	11 03 15.-	1.9	1.66	2	8150	73.3	267.5	42.9
	-E Z SL	PCP	11 03 28.-	1.9	1.66	2				
	+E Z SL	APCP	11 03 37.-	1.5	1.30	5				
GRF	E Z BE	P	11 03 12.5			1	8150	73.3	267.0	41.3

JUL 24
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	14 40 21.5	1.4	1.00					

JUL 24 ERL
H= 14 58 13.9
LAT = 35.8 N
LONG= 80.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
KASHMIR-TIBET BORDER REGION

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	15 07 16.0			1	5670	51.0	78.1	308.6
FUR	-E Z SL	P	15 07 14.-	1.5	1.08	3	5710	51.3	76.9	306.6
	-E Z SL	AP	15 07 21.-	1.5	1.30	5				

JUL 25 ERL
H= 01 56 07.3
LAT = 38.7 N
LONG= 21.4 E
DEPTH= 45 KM
MAGNITUDE= 4.5
GREECE

JUL 25 BCS
H= 01 56 11.0
LAT = 38.8 N
LONG= 21.5 E
GREECE

FUR	+E Z SL	XPP	01 59 17.-	1.9	1.43	2	1330	11.9	138.5	325.5
	+E Z SL	SSS	02 01 35.-	1.5	1.45	7				
	Z SL	QM	02 03 20.-	4.0	2.73					
GRF	E Z BE	P	01 59 12.0			1	1460	13.1	142.7	329.8
BUH	E Z GT	P	01 59 18.0				1530	13.7	131.5	320.6
	E Z GT	P	01 59 30.1							
BNS	E Z FS	P	01 59 52.5				1760	15.8	135.3	325.3
	E Z FS	-	02 00 06.-							

JUL 25 ERL
H= 08 29 38.7
LAT = 27.2 S
LONG= 176.5 W
DEPTH= 62 KM
MAGNITUDE= 5.1
KERMADEC ISLANDS REGION

GRF	E Z BE	PKP1	08 49 58.7			1	17440	156.8	17.7	347.2

JUL 25 ERL
H= 09 20 28.3
LAT = 21.5 S
LONG= 176.4 W
DEPTH=180 KM
MAGNITUDE= 5.4
FIJI ISLANDS REGION

HAM	-I Z SX	PKP'	09 39 52.-			9	16420	147.7	11.1	352.9
BRN	+E Z ET	PKP	09 39 51.8			2	16480	148.2	17.2	348.8
	+I Z ET	APKP	09 40 44.2			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	-I Z FS	PKP	09 39 59.5	1.5	2.61		16730	150.4	6.8	355.4
	E Z FS	-	09 40 42.-							
HOF	-E Z SL	PKP1	09 39 53.-	2.0	2.10	4	16730	150.5	15.8	349.2
	-I Z SL	PKHKP	09 40 01.-	2.0	2.40	8				
	+E Z SL	APKP	09 40 50.-	2.0	2.50	9				
GRF	E Z BE	PKP1	09 39 55.8	1.1	1.57	2	16810	151.2	14.9	349.7
	E Z BE	-	09 40 01.6			2				
	E Z BE	PKP2	09 40 10.0			3				
KRL	+E Z ST	PKP	09 40 05.0	1.0		2	16930	152.2	9.7	353.2
STU	E Z ST	PKP	09 39 56.0	1.2	2.40	3	16940	152.4	11.3	352.0
BUH	E Z GT	PKP	09 39 56.6				16970	152.6	9.4	353.3
	E Z GT	-	09 40 05.0							
	E Z GT	-	09 40 15.6							
FUR	-E Z SL	PKP1	09 39 58.-	1.5	1.60	9	16970	152.6	15.7	348.8
	-I Z SL	PKHKP	09 40 04.-	2.2	2.57	5				
	+I Z SL	PKP2	09 40 17.-	2.0	2.72	9				
	-I Z SL	APKP	09 40 57.-	1.8	2.21	4				
	-I Z SL	XPKP	09 41 14.-	1.8	2.10	3				

JUL 25
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	10 02 53.3

JUL 25
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	16 02 28.7

JUL 25
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	16 18 35.2	2

JUL 25
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	22 09 29.4

JUL 26
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	01 33 43.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUL 26 ERL
H= 02 26 08.0
LAT = 45.2 N
LONG= 150.7 E
DEPTH= 89 KM
MAGNITUDE= 4.3
KURIL ISLANDS

GRF	E Z BE	P	02 38 06.0			1	8800	79.1	27.9	334.6

JUL 26
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	03 44 33.2

JUL 26
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	13 15 49.0	1.5	1.30	2				
	Z SL	MAXIMUM	13 17 06.-	1.5	1.45					

JUL 26 ERL
H= 14 54 14.1
LAT = 31.7 N
LONG= 140.9 E
DEPTH= 79 KM
MAGNITUDE= 4.8
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	15 06 54.8			1	9730	87.5	41.0	330.0

JUL 27 ERL
H= 00 08 46.0
LAT = 43.6 N
LONG= 13.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
CENTRAL ITALY

JUL 27 BCS
H= 00 08 48.0
LAT = 43.7 N
LONG= 13.5 E
CENTRAL ITALY

NOS= FELT IN ANCONA AREA.

FUR	-E Z SL	PB	00 10 12.-	1.7	1.55	3	530	4.8	161.3	342.8
	+I Z SL	SB	00 11 09.-	1.3	1.81	2				
	-I Z SL	SG	00 11 20.-	1.5	1.56	3				
	Z SL	MAXIMUM	00 12 06.-	1.5	1.90					
BUH	E Z GT	P	00 10 18.0				690	6.2	142.8	326.6

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						1	700	6.3	165.4	347.0
GRF	E Z BE	P	00 10 21.4			2				
	E N BE	-	00 11 23.4							
JUL 27 ERL H= 00 20 54.6 LAT = 50.0 N LONG= 159.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 KURIL ISLANDS REGION										
							8520	76.6	18.2	342.2
BNS	E Z FS	P	00 32 44.5							
GRF	E Z BE	P	00 32 45.0	0.7	1.18	2	8560	76.9	20.7	339.2
	E Z BE	-	00 32 48.2							
	E Z BE	-	00 32 54.2							
FUR	-E Z SL	P	00 32 54.-	1.5	1.30	2	8710	78.4	20.6	338.6
	-I Z SL	PCP	00 33 00.-	1.9	1.96	3				
	-I Z SL	APCP	00 33 08.-	2.0	2.21	9				
	+I Z SL	XPCP	00 33 15.-	1.8	1.78	3				
JUL 27 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	01 03 43.-	1.5	1.30	2				
	Z SL	MAXIMUM	01 04 40.-	1.5	1.60					
JUL 27 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	09 34 49.5							
JUL 27 NO DETERMINATION OF EPICENTER FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.										
GRF	E Z BE	P	11 11 39.6			1				
FUR	Z SL	MAXIMUM	11 13 00.-	2.0	2.21					
JUL 27 ERL H= 16 41 30.2 LAT = 25.4 N LONG= 130.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 RYUKYU ISLANDS REGION										
FUR	-I Z SL	P	16 54 24.-	1.8	1.72	4	9870	88.8	52.1	324.3
	-E Z SL	PP	16 57 55.-	2.0	1.73	2				
	-E Z SL	APP	16 58 06.-	3.0	2.08	3				

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JUL 27 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	17 19 32.-	2.0	1.73	2				
	-E Z SL	-	17 19 40.-	1.5	1.45	7				
JUL 28 ERL H= 07 03 10.3 LAT = 24.2 N LONG= 122.5 E DEPTH= 65 KM MAGNITUDE= 5.1 TAIWAN REGION										
FUR	-E Z SL	P	07 15 42.-	2.0	1.73	3	9480	85.3	58.7	321.2
	+E Z SL	-	07 15 49.-	1.5	1.30	3				
JUL 28 ERL H= 08 49 03.1 LAT = 52.6 N LONG= 173.2 E DEPTH= 46 KM MAGNITUDE= 5.3 NEAR ISLANDS, ALEUTIAN ISLANDS										
GRF	-E Z BE	P	09 00 54.2	1.4	1.99	4	8560	77.0	11.2	348.1
BUH	E Z GT	P	09 01 00.4				8710	78.3	9.3	349.9
FUR	-I Z SL	P	09 01 02.-	1.5	1.51	4	8730	78.5	11.1	347.8
	-I Z SL	AP	09 01 13.-	1.9	1.81	2				
	+I Z SL	XP	09 01 16.-	1.5	1.60	3				
	+E Z SL	XPCP	09 01 27.-	1.5	1.30	3				
JUL 28 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	13 02 20.-	1.5	1.75					
JUL 29 ERL H= 05 04 22.7 LAT = 0.1 N LONG= 123.5 E DEPTH=161 KM MAGNITUDE= 5.8 NORTHERN CELEBES										
HOF	+E Z SL	PP	05 22 24.-	2.0	2.10	4	11520	103.6	73.1	322.2
GRF	E Z BE	PP	05 22 12.0			1	11590	104.2	72.7	321.7
FUR	-I Z SL	PP	05 22 35.-	2.0	2.21	8	11630	104.6	73.1	320.2
	-I Z SL	APP	05 23 12.-	1.8	1.78	9				
	-I Z SL	APKP	05 23 17.-	2.0	2.51	4				

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	-	05 24 19.-	1.5	1.56	3				
	+I Z SL	PPP	05 24 46.-	2.0	1.99	3				
						2	11640	104.6	68.8	326.8
HLG	Z SL	P	05 18 13.1			2				
	Z SL	PP	05 22 36.-							
BNS	E Z FS	PP	05 22 44.-	3.1	2.20		11810	106.2	69.0	323.8
	E Z FS	APP	05 23 27.4							
	E Z SL	-	05 25 05.-							
	E Z SL	-	05 32 37.-							
	E Z SL	LR	05 56 00.-	60.0						
	Z SL	-	06 10 00.-	20.0						
BUH	E Z GT	PP	05 22 30.0				11830	106.4	70.5	321.3

JUL 29
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	06 34 17.0							

JUL 29
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	17 04 41.6							

JUL 29 ERL
H= 21 07 16.6
LAT = 49.2 N
LONG= 156.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
KURIL ISLANDS

FUR	-I Z SL	P	21 19 16.-	1.5	1.45	7	8720	78.4	22.7	336.8

JUL 30 BCS
H= 01 30 07.0
LAT = 40.0 N
LONG= 24.1 E
AEGEAN SEA

JUL 30 ERL
H= 01 30 09.0
LAT = 39.9 N
LONG= 24.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
AEGEAN SEA

FUR	Z SL	RM	01 38 08.-	3.0	2.15		1370	12.3	126.8	315.8

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

JUL 30 ERL
H= 03 01 06.6
LAT = 49.2 N
LONG= 156.2 E
DEPTH= 45 KM
MAGNITUDE= 5.1
KURIL ISLANDS

HOF	+E Z SL	P	03 12 52.-	1.5	2.09	3	8480	76.2	23.2	337.3
BNS	+I Z FS	P	03 12 55.0	1.3	2.04		8530	76.7	20.3	340.4
	E Z FS	-	03 13 07.-							
GRF	+E Z BE	P	03 12 56.8	0.8	1.41	4	8560	77.0	22.7	337.5
	-I Z BE	-	03 12 57.4							
FUR	+I Z SL	P	03 13 04.-	1.5	2.08	9	8710	78.4	22.7	336.8
	-I Z SL	AP	03 13 15.-	1.5	1.75	3				
	-I Z SL	APCP	03 13 23.-	1.5	1.64	2				
BUH	E Z GT	P	03 13 05.4				8740	78.6	20.8	339.0

JUL 30 ERL
H= 04 49 27.5
LAT = 51.8 N
LONG= 176.5 E
DEPTH= 46 KM
MAGNITUDE= 5.1
RAT ISLANDS, ALEUTIAN ISLANDS

GRF	+E Z BE	P	05 01 23.6			3	8680	78.1	9.3	350.3
BUH	E Z GT	P	05 01 30.5				8830	79.4	7.4	352.1
FUR	-E Z SL	P	05 01 31.-	1.5	1.30	5	8850	79.6	9.3	350.0
	+E Z SL	-	05 01 35.-	1.5	1.30	3				

JUL 30
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	17 30 26.-	1.5	1.30	3				

JUL 30 ERL
H= 17 40 22.8
LAT = 4.6 S
LONG= 152.3 E
DEPTH= 44 KM
MAGNITUDE= 5.3
NEW BRITAIN REGION

FUR	-E Z SL	PKP1	17 59 26.-	1.3	1.68	3	13940	125.3	50.2	328.9
	-I Z SL	-	17 59 34.-	1.9	1.96	3				
	-I Z SL	XPKP	17 59 44.-	1.5	1.45	4				
	Z SL	RM	18 54 00.-	22.0	3.65					

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
				1.3	2.34		13940	125.4	44.3	333.7
BNS	+I Z FS	PKP	17 59 27.8							
	E Z FS	-	17 59 34.5				14070	126.5	46.7	331.1
BUH	E Z GT	PKP	17 59 26.8							

JUL 30 ERL
H= 20 13 56.1
LAT = 4.6 S
LONG= 152.3 E
DEPTH= 16 KM
MAGNITUDE= 5.5
NEW BRITAIN REGION

				1.5	1.30	5	13940	125.3	50.2	328.9
FUR	-E Z SL	PKP1	20 32 59.-							
	-E Z SL	XPKP	20 33 09.-	1.5	1.30	2				
	-I Z SL	-	20 33 19.-	1.7	1.61	7				
	Z SL	RM	21 24 30.-	26.0	3.85					
							14070	126.5	46.7	331.1
BUH	E Z GT	PKP	20 33 01.0							

JUL 30 ERL
H= 21 45 14.1
LAT = 56.8 N
LONG= 135.7 W
DEPTH= 25 KM (GEOPHYSICIST)
MAGNITUDE= 6.5
SOUTHEASTERN ALASKA

NOS= COMPLEX MULTIPLE EVENT. AFTERSHOCKS INDICATE AT LEAST 75 KM. OF RUPTURE SE FROM HYPOCENTER ALONG FAIRWEATHER FAULT. MINOR DAMAGE AT SITKA, FELT AT JUNEAU, KETCHIKAN, AS FAR SOUTH AS SEATTLE WHERE SEICHES OCCURED IN SWIMMING POOLS, AND ABOARD SHIP AT 55 DEG. 40 MIN. N, 134 DEG. 10 MIN. W. BRIEF LOSS OF POWER AT SITKA. MAG. 7.2 (PAS) 7.1 (BRK), 7.5 (PRU)

HLG	-I Z SL	P	21 56 00.-			8	7280	65.4	339.0	22.6
	-I Z X	P	21 56 01.9			3				
BOC	-E Z B4	P	21 56 14.6	3.0	4.09	2	7540	67.8	339.0	24.0
	-E E B4	S	22 05 16.8	11.0	5.00	2				
BRN	+E Z ET	P	21 56 16.6			4	7580	68.2	342.2	19.9
	-E Z ET	AP	21 56 23.0			9				
BNS	E Z FS	P	21 56 16.4	3.0	3.51		7590	68.3	339.1	24.3
	E Z SL	-	21 56 17.-							
	E Z SL	-	22 06 28.-							
	E Z SL	LR	22 17 30.-	56.0						
	Z FS	-	22 30 00.-	14.0	5.56					
TNS	E SL	P	21 56 16.5				7700	69.3	339.9	23.7
	E SL	PP	21 59 10.0							
	I SL	S	22 05 48.0							
HOF	-I Z SL	P	21 56 26.-	2.5	2.78	3	7770	69.9	341.7	21.5
	Z SL	RM	22 29 00.-	19.0	6.18					

JUL 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
						2	7820	70.4	341.4	22.1
GRF	+E Z BE	P	21 56 29.0							
KRL	-E Z ST	P	21 56 31.0	2.0		3	7830	70.4	340.0	24.2
	+I E MH	S	22 05 44.-	9.0		9				
BUH	E Z GT	P	21 56 30.0				7860	70.7	339.9	24.4
	E Z GT	-	21 59 19.5							
STU	+E Z ST	P	21 56 31.3				7870	70.8	340.4	23.8
FUR	+I Z SL	P	21 56 38.-	2.0	2.61	9	7990	71.8	341.6	22.6
	Z SL	RM	22 30 00.-	27.0	5.95					

JUL 30 ERL
H= 23 17 19.5
LAT = 5.7 S
LONG= 130.5 E
DEPTH= 57 KM
MAGNITUDE= 5.9
BANDA SEA

				1.5	1.81	9	12620	113.5	71.3	320.4
FUR	-I Z SL	PKP1	23 35 52.-							
	+I Z SL	PP	23 36 48.-	2.0	2.71	2				
							12810	115.2	68.5	321.7
BUH	E Z GT	PKP	23 35 55.7							

JUL 31 ERL
H= 03 28 30.2
LAT = 30.7 N
LONG= 141.6 E
DEPTH= 36 KM
MAGNITUDE= 5.7
SOUTH OF HONSHU, JAPAN

						3	9620	86.5	38.6	334.8
HLG	+E Z SL	P	03 41 10.-							
HOF	+E Z SL	P	03 41 17.-	1.5	2.39	9	9780	87.9	41.5	330.5
	+E Z SL	APCP	03 41 28.-	1.5	2.09	5				
	+E Z SL	XPCP	03 41 35.-	1.5	2.09	5				
	-E Z SL	-	03 41 41.-	2.5	2.61	3				
	-I Z SL	PP	03 44 43.-	2.0	2.68	9				
	+I Z SL	APP	03 44 54.-	4.0	2.08	2				
	Z SL	RM	04 25 00.-	15.0	3.82					
GRF	+E Z BE	P	03 41 21.4	1.5	1.95	4	9860	88.7	41.0	330.4
	E Z BE	PP	03 44 50.0							
BNS	+E Z FS	P	03 41 24.0	2.5	2.11		9930	89.3	37.9	333.2
	E Z FS	PP	03 44 54.5	1.8	2.18					
FUR	+I Z SL	P	03 41 27.-	2.0	2.43	9	9990	89.8	41.0	329.3
	-I Z SL	XP	03 41 43.-	2.0	2.36	7				
	-I Z SL	PP	03 44 59.-	2.0	2.51	6				
	+I Z SL	APP	03 45 11.-	1.8	2.40	2				
	Z SL	RM	04 26 00.-	17.0	3.73					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	03 41 31.0				10090	90.7	38.7	331.2
JUL 31										
NO DETERMINATION OF EPICENTER										
HOF	-E Z SL	-	14 52 14.-	4.0	2.55	3				
JUL 31 ERL										
H= 15 56 08.5										
LAT = 30.7 N										
LONG= 141.6 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.4										
SOUTH OF HONSHU, JAPAN										
HLG	Z SL	P	16 08 52.-			3	9610	86.5	38.6	334.8
HOF	-E Z SL	P	16 08 58.-	2.0	2.20	5	9770	87.8	41.5	330.4
	-E Z SL	APCP	16 09 09.-	3.0	2.41	5				
	+E Z SL	PP	16 12 14.-	2.0	2.20	1				
	-E Z SL	APP	16 12 36.-	3.0	2.71	5				
	Z SL	RM	16 52 30.-	15.0	3.72					
BNS	E Z FS	P	16 09 02.5	2.5	2.00		9920	89.3	38.0	333.1
	+E Z SL	-	16 09 04.-							
	+I Z FS	PP	16 12 33.6							
	E Z SL	SP	16 21 02.-							
	E Z SL	LR	16 48 20.-	25.0						
	Z SL	-	16 58 30.-	16.0						
FUR	-I Z SL	P	16 09 07.-	2.0	2.21	3	9980	89.7	41.0	329.3
	+I Z SL	AP	16 09 17.-	1.9	2.07	9				
	+I Z SL	XP	16 09 21.-	2.0	2.08	9				
	-I Z SL	PP	16 12 39.-	2.0	2.31	9				
	+I Z SL	APP	16 12 53.-	2.2	2.34	3				
	N SL	PM	16 54 00.-	15.0	3.67					
BUH	E Z GT	P	16 09 09.0				10080	90.6	38.8	331.2
JUL 31 ERL										
H= 23 55 11.7										
LAT = 36.0 N										
LONG= 31.6 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.5										
TURKEY										
FUR	-E Z SL	P	23 59 34.-	1.3	1.60	2	2140	19.3	121.5	315.2
	-E Z SL	AP	23 59 41.-	1.8	1.65	2				
	+E Z SL	PP	23 59 48.-	1.9	1.74	3				
BUH	E Z GT	P	23 59 56.5				2370	21.3	117.7	313.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 01										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	13 52 54.0							
AUG 01 ERL										
H= 19 06 33.8										
LAT = 2.3 N										
LONG= 127.4 E										
DEPTH= 96 KM										
MAGNITUDE= 5.9										
MOLUCCA PASSAGE										
BRN	-E Z ET	AP	19 20 44.-			2	11420	102.7	69.1	325.1
	-E Z ET	PP	19 24 43.-			3				
HOF	-E Z SL	P	19 20 26.-	3.5	2.27	3	11590	104.2	68.4	323.4
	+E Z SL	AP	19 20 52.-	4.0	2.45	2				
	-E Z SL	PP	19 24 54.-	4.0	2.69	7				
	+E Z SL	APP	19 25 17.-	2.0	2.35	7				
	-I Z SL	-	19 25 23.-	2.0	2.45	9				
	-I Z SL	-	19 25 39.-	2.5	2.61	5				
	Z SL	RM	20 15 00.-	20.0	3.68					
HLG	Z SL	P	19 21 00.-			3	11670	104.9	64.1	328.1
	Z SL	PP	19 25 00.-			2				
FUR	-I Z SL	-	19 20 58.-	1.5	1.36	1	11720	105.4	68.5	321.5
	+I Z SL	AP	19 21 01.-	2.0	2.10	2				
	-I Z SL	XP	19 21 11.-	2.0	2.00	3				
	Z SL	QM	20 00 00.-	53.0	3.77					
	N SL	RM	20 14 30.-	20.0	3.81					
BNS	E Z SL	P	19 21 05.-				11860	106.7	64.3	325.2
	E Z FS	-	19 24 39.-							
	E Z SL	PP	19 25 09.-							
	E Z SL	SP	19 34 12.-							
	E Z SL	LR	19 57 10.-	70.0						
	Z SL	-	20 20 00.-	50.0						
KRL	+E Z ST	PP	19 25 27.-	1.2		2	11880	106.8	65.9	323.0
BUH	E Z GT	P	19 21 06.4				11900	107.0	65.8	322.8
AUG 01										
NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	19 23 56.-	2.0	2.10	5				
	-I Z SL	-	19 24 11.-	1.9	2.09	3				
	Z SL	MAXIMUM	19 26 10.-	2.4	2.82					
AUG 02										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	00 32 57.3							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
AUG 02 ERL H= 01 11 02.0 LAT = 18.9 S LONG= 173.3 W DEPTH= 60 KM MAGNITUDE= 4.9 TONGA ISLANDS									
BNS	-I Z FS	PKP	01 30 43.3	1.8	1.85		16460	148.0	0.9 359.4
GRF	-E Z BE	PKP	01 30 46.6	1.5	1.77	3	16570	149.1	8.4 354.2
BUH	E Z GT	PKP	01 30 48.5				16710	150.3	3.0 357.9
FUR	-I Z SL	PKP1	01 30 50.-	1.5	1.43	2	16740	150.6	8.9 353.7
	+I Z SL	PKHKP	01 30 57.-	1.9	2.00	5			
	-E Z SL	PKP2	01 31 06.-	1.8	1.85	4			
	+I Z SL	APKP	01 31 17.-	2.0	1.94	4			
AUG 02 ERL H= 11 13 22.2 LAT = 47.4 N LONG= 147.2 E DEPTH=351 KM MAGNITUDE= 5.0 NORTHWEST OF KURIL ISLANDS									
FUR	-I Z SL	P	11 24 41.-	1.5	1.55	3	8600	77.4	28.9 331.5
AUG 02 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PN	11 26 38.0						
AUG 02 BCS H= 15 11 10.0 LAT = 38.2 N LONG= 33.2 E TURKEY									
GRF	E Z BE	P	15 15 39.2			1	2170	19.5	117.6 313.0
AUG 02 ERL H= 18 42 19.7 LAT = 43.2 N LONG= 146.5 E DEPTH= 54 KM MAGNITUDE= 4.0 KURIL ISLANDS									
GRF	E Z BE	P	18 54 23.2			1	8850	79.6	31.6 332.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
AUG 02 ERL H= 19 48 57.3 LAT = 26.2 S LONG= 177.8 W DEPTH=224 KM MAGNITUDE= 5.3 SOUTH OF FIJI ISLANDS									
BNS	E Z FS	PKP	20 08 24.5				17230	155.0	10.7 352.5
	I Z FS	-	20 08 33.5						
	I Z FS	-	20 08 49.5						
	E Z FS	-	20 09 20.0						
GRF	E Z BE	PKP	20 08 25.4	1.0	1.60	2	17290	155.5	19.9 345.8
	+E Z BE	-	20 08 35.1			2			
	+E Z BE	-	20 08 38.8			2			
	-I Z BE	PKP2	20 08 52.9	0.9	2.01	9			
	E Z BE	APKP	20 09 37.7			2			
FUR	-I Z SL	PKP1	20 08 27.-	1.5	1.59	5	17450	156.9	21.3 344.3
	+I Z SL	PKP2	20 08 59.-	1.5	1.76	5			
	+E Z SL	XPKP	20 09 43.-	1.9	2.05	9			
	+E Z SL	XPKP	20 10 13.-	1.9	1.75	5			
	+E Z SL	PP	20 12 34.-	1.9	1.95	3			
BUH	E Z GT	PKP	20 08 26.9				17460	157.1	14.1 349.7
	E Z GT	PKP	20 08 58.7						
AUG 02 ERL H= 21 33 06.3 LAT = 28.2 N LONG= 57.0 E DEPTH= 38 KM MAGNITUDE= 4.7 SOUTHERN IRAN									
AUG 02 BCS H= 21 33 20.0 LAT = 28.6 N LONG= 56.4 E SOUTHERN IRAN									
FUR	-E Z SL	P	21 40 41.-	2.0	1.80	5	4490	40.3	102.8 312.3
	+I Z SL	AP	21 40 49.-	2.0	1.80	2			
GRF	+E Z BE	P	21 40 45.1			2	4530	40.7	104.5 314.5
AUG 02 ERL H= 21 38 50.4 LAT = 56.1 N LONG= 163.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.6 NEAR EAST COAST OF KAMCHATKA									

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						2	7590	68.3	14.6	344.7
HLG	E Z SL	P	21 49 51.2			2				
	I Z X	P	21 49 51.2							
						5	7680	69.1	17.5	340.9
BRN	+I Z ET	P	21 49 56.2							
						5	7940	71.4	16.5	341.1
HOF	+E Z SL	P	21 50 09.-	1.5	2.09	5				
	+E Z SL	AP	21 50 16.-	2.0	2.20	5				
	+E Z SL	XP	21 50 20.-	4.0	2.55	5				
	-E Z SL	PCP	21 50 27.-	1.5	2.09	5				
	+E Z SL	APCP	21 50 36.-	4.0	2.55	5				
	Z SL	RM	22 29 40.-	14.0	3.58					
							7950	71.5	13.9	344.3
BNS	+I Z FS	P	21 50 10.3	1.5	1.85					
	I Z FS	-	21 50 49.0							
	E Z SL	PP	21 52 49.-							
	E Z SL	S	21 59 37.-							
	Z SL	-	22 27 30.-	16.0						
							8020	72.1	16.1	341.3
GRF	+I Z BE	P	21 50 14.3	1.3	2.40	6				
							8150	73.3	14.9	342.4
STU	+E Z BE	P	21 50 20.0	1.2	1.94	2				
							8180	73.5	16.0	340.8
FUR	+I Z SL	P	21 50 22.-	1.5	2.00	9				
	-I Z SL	AP	21 50 33.-	1.5	1.73	5				
	-I Z SL	XP	21 50 36.-	1.5	1.79	3				
	-I Z SL	PCP	21 50 41.-	1.5	1.79	3				
	+I Z SL	APCP	21 50 49.-	1.7	1.99	3				
	+I Z SL	-	21 51 24.-	1.8	2.20	9				
	+E Z SL	-	21 51 36.-	2.0	2.14	6				
	+I Z SL	-	21 51 43.-	1.9	2.22	5				
	+E Z SL	PP	21 53 08.-	1.8	2.00	3				
	-I Z SL	XPP	21 53 23.-	1.5	2.49	2				
	Z SL	RM	22 28 20.-	16.0	3.56					
							8180	73.5	14.3	343.0
BUH	+E Z GT	P	21 50 22.6							

AUG 02 ERL
H= 23 03 28.9
LAT = 28.1 N
LONG= 56.9 E
DEPTH= 31 KM
MAGNITUDE= 5.0
SOUTHERN IRAN

AUG 02 BCS
H= 23 03 37.0
LAT = 28.2 N
LONG= 56.7 E
SOUTHERN IRAN

FUR	-I Z SL	P	23 11 05.-	1.9	2.05	3	4490	40.4	103.0	312.4
	-E Z SL	-	23 11 11.-	2.0	2.00	8				
GRF	+E Z BE	P	23 11 08.8	0.8	1.57	3	4530	40.8	104.7	314.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

AUG 02 ERL
H= 23 12 13.4
LAT = 27.9 N
LONG= 56.8 E
DEPTH= 33 KM (NORMAL)
SOUTHERN IRAN

GRF	E Z BE	P	23 19 54.2			1	4550	40.9	105.0	314.9

AUG 03 ERL
H= 02 04 26.0
LAT = 37.8 N
LONG= 32.5 E
DEPTH= 28 KM
MAGNITUDE= 4.3
TURKEY

GRF	+E Z BE	P	02 08 52.6			3	2150	19.3	119.7	314.6

AUG 03 ERL
H= 02 25 23.0
LAT = 46.9 N
LONG= 152.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.5
KURIL ISLANDS

GRF	-E Z BE	P	02 37 21.3			2	8690	78.2	25.9	335.6

AUG 03
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	03 53 50.1							

AUG 03
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	03 54 33.0							

AUG 03 ERL
H= 04 40 54.9
LAT = 51.2 N
LONG= 178.1 W
DEPTH= 49 KM
MAGNITUDE= 5.8
ANDREANOF ISLANDS, ALEUTIAN IS.

NOS= MINOR DAMAGE (V) ON ADAK. MAG. 6.1 (PAS), 6.3 (BRK).

HLG	Z X	P	04 52 33.-			2	8330	74.9	3.9	356.3
	+I Z SL	P	04 52 33.4			6				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						7	8490	76.3	7.3	352.9
BRN	+I Z ET	P	04 52 41.3							
							8690	78.1	3.4	356.6
BNS	+I Z FS	P	04 52 50.2	1.3	2.61					
	+I Z SL	-	04 52 51.-							
	E E X	S	05 02 43.-							
	E Z SL	-	05 03 02.-							
	E Z SL	LR	05 18 10.-	50.0						
	Z SL	-	05 31 30.-	22.0						
							8730	78.5	6.4	353.5
HOF	+E Z SL	P	04 52 52.-	4.0	2.85	9				
	-E Z SL	APCP	04 53 12.-	2.0	2.65	9				
	-I Z SL	-	04 53 28.-	1.5	2.39	9				
	+E Z SL	-	04 53 35.-	3.0	2.41	5				
	Z SL	RM	05 30 30.-	22.0	4.16					
						4	8760	78.8	4.2	355.7
TNS	1E Z SL	P	04 52 54.0			2				
	E N SL	S	05 02 51.0							
GRF	E Z BE	P	04 52 56.8	1.2	2.36	6	8800	79.2	6.0	353.8
KRL	+E Z ST	P	04 53 01.0	1.2		4	8900	80.0	4.2	355.6
STU	+E Z BE	P	04 53 01.8	1.0	2.40	5	8920	80.2	4.7	355.1
							8940	80.4	4.0	355.7
BUH	E Z GT	P	04 53 03.1							
							8970	80.7	6.0	353.6
FUR	+I Z SL	P	04 53 04.-	1.5	2.00	9				
	-I Z SL	PCP	04 53 09.-	1.5	2.25	2				
	+I Z SL	XPCP	04 53 23.-	2.0	2.54	6				
	-I Z SL	PP	04 56 10.-	1.5	1.84	3				
	Z SL	RM	05 37 20.-	16.0	4.01					

AUG 03 ERL
H= 05 13 12.0
LAT = 51.2 N
LONG= 178.0 W
DEPTH= 40 KM
MAGNITUDE= 4.4
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	E Z BE	P	05 25 14.6			2	8800	79.2	5.9	353.9

AUG 03 ERL
H= 05 35 16.4
LAT = 51.2 N
LONG= 177.9 W
DEPTH= 49 KM
MAGNITUDE= 4.8
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	+I Z BE	P	05 47 18.4	1.0	1.71	4	8800	79.2	5.8	354.0
BUH	E Z GT	P	05 47 24.3				8940	80.4	3.9	355.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

AUG 03 ERL
H= 06 59 45.9
LAT = 51.2 N
LONG= 178.1 W
DEPTH= 45 KM
MAGNITUDE= 5.5
ANDREANOF ISLANDS, ALEUTIAN IS.

BNS	+I Z FS	P	07 11 42.0	1.4	2.30		8690	78.1	3.4	356.6
	+I Z FS	-	07 11 56.7							
HOF	+E Z SL	P	07 11 46.-	2.0	2.20	5	8730	78.5	6.4	353.5
GRF	+I Z BE	P	07 11 48.4	1.1	2.40	9	8800	79.2	6.0	353.8
STU	+E Z BE	P	07 11 53.5	1.0	2.03	5	8920	80.2	4.7	355.1
BUH	+E Z GT	P	07 11 54.5				8930	80.3	4.1	355.7
FUR	+I Z SL	P	07 11 57.-	1.5	1.59	2	8970	80.7	6.0	353.6
	+I Z SL	AP	07 12 06.-	1.5	1.76	3				
	+E Z SL	PP	07 15 07.-	2.0	1.94	4				
	+I Z SL	XPP	07 15 24.-	2.0	2.27	9				
	N SL	RM	08 01 20.-	16.0	3.29					

AUG 03 ERL
H= 07 03 14.2
LAT = 51.2 N
LONG= 178.0 W
DEPTH= 48 KM
MAGNITUDE= 5.4
ANDREANOF ISLANDS, ALEUTIAN IS.

BNS	+I Z FS	P	07 15 09.5	0.9	2.00		8690	78.1	3.3	356.7
HOF	-E Z SL	P	07 15 06.-	1.5	2.09	5	8730	78.5	6.3	353.6
	+E Z SL	XPCP	07 15 18.-	1.5	1.99	4				
GRF	E Z BE	P	07 15 16.4	1.0	2.12	4	8810	79.2	5.9	353.9
BUH	E Z GT	P	07 15 22.3				8940	80.4	3.9	355.8
FUR	+I Z SL	P	07 15 24.-	2.0	2.27	9	8970	80.7	5.9	353.7
	-I Z SL	XP	07 15 40.-	1.9	2.05	9				

AUG 03 ERL
H= 12 36 46.7
LAT = 59.5 N
LONG= 163.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
KAMCHATKA

GRF	E Z BE	P	12 47 49.8	1.3	2.01	4	7650	68.8	14.9	340.9
FUR	-I Z SL	P	12 47 59.-	1.5	1.59	5	7810	70.2	14.8	340.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
	-I Z SL	PCP	12 48 21.-	1.3	1.59	3			

AUG 03
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	13 17 04.-	1.5	1.28	2
	+E Z SL	-	13 17 23.-	1.5	1.36	2
	+E Z SL	-	13 17 33.-	1.5	1.36	2
HOF	+E Z SL	-	13 17 46.-	1.5	1.86	3

AUG 03
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	17 38 12.5

AUG 03
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	19 51 41.-	2.0	1.88	6
BUH	E Z GT	PN	19 51 43.5			

AUG 03 ERL
H= 21 39 26.0
LAT = 37.7 N
LONG= 32.7 E
DEPTH= 41 KM
MAGNITUDE= 4.5
TURKEY

AUG 03 BCS
H= 21 39 28.0
LAT = 37.8 N
LONG= 32.8 E
TURKEY

FUR	+E Z SL	P	21 43 44.-	1.3	1.59	5	2090	18.8	115.9 310.6
	-I Z SL	-	21 43 49.-	2.4	2.13	7			
	+I Z SL	PP	21 43 59.-	1.5	1.28	5			
	N SL	QM	21 50 20.-	16.0	3.34				
GRF	-E Z BF	P	21 43 52.1			3	2170	19.5	119.7 314.6

AUG 03 ERL
H= 22 47 45.5
LAT = 28.2 N
LONG= 57.0 E
DEPTH= 62 KM
MAGNITUDE= 4.8
SOUTHERN IRAN

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
GRF	+E Z BE	P	22 55 21.9	0.8	1.46	3	4530	40.8	104.4 314.6

AUG 03
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	23 09 37.8						
GRF	E Z BE	P	23 09 37.9			1			
	E N BE	S	23 10 48.0			1			
FUR	-E Z SL	P	23 10 15.-	2.0	1.80	5			
	Z SL	MAXIMUM	23 11 40.-	1.8	2.11				

AUG 04 BCS
H= 05 29 59.0
LAT = 37.9 N
LONG= 32.9 E
TURKEY

AUG 04 ERL
H= 05 30 00.4
LAT = 37.9 N
LONG= 32.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
TURKEY

BUH	E Z GT	P	05 34 38.5				2320	20.8	111.9 309.0

AUG 04 ERL
H= 08 00 23.8
LAT = 8.8 N
LONG= 40.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
CENTRAL MID-ATLANTIC RIDGE

FUR	-I Z SL	P	08 10 16.-	2.0	1.88	6	6470	58.2	245.1 37.9
	-E Z SL	AP	08 10 25.-	1.5	1.28	2			
GRF	E Z BE	P	08 10 19.5			1	6540	58.8	244.2 36.3

AUG 04 BCS
H= 09 14 31.0
LAT = 50.4 N
LONG= 4.4 E
BELGIUM

BNS	E Z FS	PG	09 15 08.0				210	1.9	253.3 71.2
	E E X	SG	09 15 27.4	0.7	2.23				
	E N X	-	09 15 27.5	1.0	2.23				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	09 15 17.8				340	3.0	306.1	123.2
AUG 04 ERL H= 09 48 11.0 LAT = 56.2 N LONG= 135.5 W DEPTH= 18 KM MAGNITUDE= 5.1 SOUTHEASTERN ALASKA										
BUH	E Z GT	P	09 59 30.7				7920	71.2	339.6	24.5
FUR	+I Z SL	P	09 59 38.-	1.9	1.89	7	8050	72.4	341.3	22.6
	+E Z SL	XP	09 59 51.-	1.7	1.61	2				
AUG 04 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	11 00 55.-	2.0	1.88					
AUG 04 BCS H= 11 16 52.0 LAT = 62.0 N LONG= 27.5 W ICELAND REGION										
AUG 04 ERL H= 11 16 58.7 LAT = 61.7 N LONG= 26.9 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 ICELAND REGION										
BUH	E Z GT	P	11 22 07.9				2660	23.9	317.2	107.4
AUG 04 ERL H= 11 38 08.3 LAT = 56.2 N LONG= 135.3 W DEPTH= 20 KM MAGNITUDE= 5.6 SOUTHEASTERN ALASKA										
BNS	-E Z FS	P	11 49 12.6	1.8	2.11		7650	68.8	338.6	24.4
	E Z SL	S	11 58 20.-							
	E Z SL	-	12 02 55.-							
	E Z SL	LR	12 10 25.-	50.0						
	Z SL	-	12 21 00.-	16.0						
HOF	-E Z SL	XP	11 49 33.-	1.5	1.99	4	7830	70.4	341.3	21.6
	Z SL	RM	12 23 30.-	15.0	3.59					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	-E Z BE	P	11 49 26.2			4	7880	70.9	341.0	22.3
KRL	+E Z ST	P	11 49 27.-	1.0		3	7880	70.9	339.5	24.3
BUH	E Z GT	P	11 49 27.8				7910	71.2	339.5	24.6
FUR	-I Z SL	P	11 49 35.-	1.8	2.20	3	8040	72.3	341.2	22.7
	-I Z SL	AP	11 49 42.-	1.5	2.00	3				
	-I Z SL	XP	11 49 46.-	1.3	2.18	3				
	-I Z SL	PCP	11 49 49.-	1.5	1.73	2				
	-I Z SL	APCP	11 49 56.-	1.5	1.73	3				
	+E Z SL	PP	11 52 18.-	2.0	1.10	2				
	-E Z SL	APP	11 52 22.-	1.9	2.00	9				
	N SL	RM	12 24 30.-	16.0	3.84					
AUG 04 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	13 39 50.-	1.9	2.00					
AUG 04 ERL H= 16 52 39.1 LAT = 51.2 N LONG= 178.0 W DEPTH= 46 KM MAGNITUDE= 4.2 ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	+E Z BE	P	17 04 40.9			2	8810	79.2	5.9	353.9
AUG 04 ERL H= 17 51 12.9 LAT = 49.2 N LONG= 156.1 E DEPTH= 54 KM MAGNITUDE= 5.7 KURIL ISLANDS										
HLG	+ Z SL	P	18 02 42.-			5	8180	73.6	21.1	341.2
BRN	+I Z ET	P	18 02 44.9			5	8230	74.0	24.3	337.4
	+I Z ET	AP	18 02 59.0			2				
HOF	+I Z SL	P	18 02 56.-	2.0	2.80	9	8480	76.3	23.3	337.3
	-I Z SL	PCP	18 03 10.-	2.0	2.80	5				
	+I Z SL	APCP	18 03 17.-	2.0	2.80	9				
	-E Z SL	XPCP	18 03 29.-	2.0	2.46	3				
	+E Z SL	-	18 03 58.-	2.0	2.50	9				
	-E Z SL	-	18 04 30.-	1.5	2.09	5				
	Z SL	RM	18 41 30.-	16.0	4.74					
BNS	+I Z FS	P	18 03 00.5	1.7	2.68		8540	76.8	20.4	340.4
	+I Z SL	-	18 03 01.-	18.0						
	E Z SL	PP	18 06 04.-							
	E Z SL	S	18 13 32.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z SL	SS	18 18 26.-							
	E Z SL	LR	18 28 30.-	50.0						
	Z SL	-	18 42 30.-							
GRF	+I Z BE	P	18 03 02.2	0.9	2.44	9	8560	77.0	22.8	337.4
						6	8580	77.2	21.1	339.3
TNS	E Z SL	P	18 03 03.0			4				
	E N SL	S	18 12 56.0			4				
	E N SL	SS	18 18 12.0							
KRL	+E Z ST	P	18 03 10.3	1.5		4	8710	78.3	21.0	338.9
STU	+E Z BE	P	18 03 09.3	1.1	2.59	4	8710	78.3	21.5	338.3
	E E SL	S	18 13 12.0	18.0	3.48	2				
FUR	+I Z SL	P	18 03 10.-	2.0	2.80	9	8720	78.4	22.7	336.8
	+I Z SL	PCP	18 03 20.-	2.0	2.54	3				
	+I Z SL	APCP	18 03 25.-	1.5	2.61	4				
	-I Z SL	-	18 04 28.-	1.5	1.96	2				
	+I Z SL	PP	18 06 07.-	2.0	2.35	2				
	-I Z SL	-	18 06 32.-	1.5	2.19	8				
	-E Z SL	-	18 09 18.-	2.0	2.24	3				
	Z SL	RM	18 43 00.-	15.0	4.58					
BUH	+I Z GT	P	18 03 11.2				8750	78.7	20.9	338.9

AUG 04 ERL
H= 18 26 11.3
LAT = 49.0 N
LONG= 156.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
KURIL ISLANDS

GRF	-E Z BE	P	18 38 04.0			4	8590	77.2	22.8	337.5

AUG 04 ERL
H= 20 01 37.7
LAT = 11.2 S
LONG= 162.1 E
DEPTH= 34 KM
MAGNITUDE= 5.2
SOLOMON ISLANDS

GRF	E Z BE	PKIKP	20 20 55.9			2	14980	134.7	42.3	333.6
	E Z BE	PP	20 23 35.5			1				
FUR	-I Z SL	PKP1	20 20 57.-	1.5	1.28	5	15100	135.8	43.4	332.0
	+I Z SL	-	20 21 06.-	1.5	1.43	2				
	-I Z SL	APKP	20 21 09.-	1.5	1.28	5				
	-E Z SL	PP	20 23 47.-	2.0	1.88	2				
	-I Z SL	SKP	20 24 30.-	1.9	2.22	3				
BUH	E Z GT	PKP	20 20 53.4				15210	135.8	39.2	334.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

AUG 04 ERL
H= 22 30 36.3
LAT = 11.1 S
LONG= 162.0 E
DEPTH= 36 KM
MAGNITUDE= 5.5
SOLOMON ISLANDS

HOF	Z SL	RM	23 50 30.-	20.0	3.91		14880	133.8	42.6	333.7
GRF	E Z BE	PKIKP	22 49 56.7			3	14970	134.6	42.2	333.6
	E Z BE	-	22 52 29.4			2				
	E Z BE	PP	22 53 27.7			2				
FUR	+I Z SL	PKP1	22 49 59.-	2.0	1.94	1	15090	135.7	43.3	332.1
	-I Z SL	-	22 50 02.-	2.0	2.24	3				
	-I Z SL	-	22 50 14.-	2.0	2.05	9				
	-E Z SL	PP	22 52 39.-	1.9	1.89	7				
	-I Z SL	SKP	22 53 31.-	1.5	1.84	5				
BUH	E Z GT	PKP	22 49 54.0				15190	136.6	39.1	334.8

AUG 05 BCS
H= 01 14 02.0
LAT = 46.1 N
LONG= 7.6 E
SWITZERLAND

BUH	+I Z GT	PN	01 14 44.1				290	2.6	189.6	9.2
FUR	-E Z SL	SB	01 15 43.-	1.5	1.08	3	360	3.3	231.9	49.2
	-E Z SL	SG	01 15 52.-	1.3	1.36	3				
	Z SL	MAXIMUM	01 16 44.-	1.8	1.90					
GRF	E Z BE	PG	01 15 23.9			2	480	4.3	215.4	32.8
	E N BE	SG	01 16 23.6			2				

AUG 05 ERL
H= 03 44 01.8
LAT = 17.9 S
LONG= 178.6 W
DEPTH=619 KM
MAGNITUDE= 5.2
FIJI ISLANDS REGION

BNS	+I Z FS	PKP	04 02 37.1	1.1	1.90		16320	146.7	10.0	353.4
GRF	+E Z BE	PKP	04 02 38.3			6	16390	147.4	17.5	348.2
FUR	+I Z SL	PKP1	04 02 42.-	1.5	1.76	5	16550	148.8	18.3	347.2
	-I Z SL	PKHKP	04 02 48.-	1.5	1.73	9				
BUH	E Z GT	PKP	04 02 37.5				16550	148.8	12.6	351.3
	E Z GT	-	04 02 42.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 05 ERL H= 04 08 13.7 LAT = 28.2 N LONG= 53.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 SOUTHERN IRAN										
GRF	E Z BE	P	04 15 32.3			1	4250	38.2	108.4	315.7
AUG 05 NO DETERMINATION OF EPICENTER										
GRF	+E Z BE	P	04 28 23.2			2				
AUG 05 ERL H= 04 52 02.7 LAT = 49.0 N LONG= 156.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 KURIL ISLANDS										
GRF	+E Z BE	P	05 03 54.9	0.8	1.44	3	8580	77.2	22.7	337.6
AUG 05 ERL H= 05 46 29.2 LAT = 49.0 N LONG= 156.2 E DEPTH= 46 KM MAGNITUDE= 4.9 KURIL ISLANDS										
GRF	E Z BE	P	05 58 20.2	1.0	1.82	5	8580	77.1	22.8	337.5
BUH	E Z GT	P	05 58 29.0				8760	78.8	20.8	339.0
AUG 05 ERL H= 06 30 58.8 LAT = 11.2 S LONG= 162.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 SOLOMON ISLANDS										
GRF	E Z BE	PKIKP	06 50 17.4			1	14980	134.7	42.2	333.6
	E Z BE	PP	06 53 46.3			2				
BNS	+I Z FS	PP	06 53 48.3	1.5	1.78		15050	135.3	36.2	337.6
	E Z FS	-	06 53 54.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 05 ERL H= 08 27 06.2 LAT = 51.2 N LONG= 178.0 W DEPTH= 50 KM MAGNITUDE= 4.3 ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	+E Z BE	P	08 39 07.3			2	8810	79.2	5.9	354.0
AUG 05 ERL H= 13 50 24.3 LAT = 29.8 S LONG= 177.2 W DEPTH= 63 KM MAGNITUDE= 4.5 KERMADEC ISLANDS										
BNS	+I Z FS	PKP	14 10 51.3				17630	158.6	10.5	352.4
GRF	-E Z BE	PKP	14 10 53.5			2	17690	159.1	20.9	344.5
FUR	+E Z SL	PKP1	14 10 20.-	2.0	1.94	7	17850	160.5	22.6	342.8
	-E Z SL	PKP2	14 10 54.-	3.0	2.41	2				
	+E Z SL	APKP	14 11 07.-	2.2	2.03	4				
	+E Z SL	XPKP	14 11 15.-	1.9	1.88	2				
AUG 05 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	P	21 54 17.-	1.0	1.93	3				
	Z SL	MAXIMUM	21 55 20.-	1.3	1.84					
GRF	E Z BE	PG	21 54 36.6			1				
	E N BE	SG	21 55 28.9			2				
AUG 05 NO DETERMINATION OF EPICENTER										
GRF	-E Z BE	P	22 15 42.9			2				
AUG 06 BCS H= 00 53 09.0 LAT = 44.6 N LONG= 32.9 E BLACK SEA										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
AUG 06 ERL H= 00 53 12.3 LAT = 44.7 N LONG= 32.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 BLACK SEA									
FUR	+I Z SL	P	00 56 46.-	1.9	2.00	2	1710	15.3	95.4 291.1
	-I Z SL	-	00 57 19.-	1.5	1.43	2			
GRF	E Z BE	P	00 56 54.7	1.0	1.62	1	1730	15.6	100.8 296.8
AUG 06 ERL H= 01 12 50.4 LAT = 25.1 N LONG= 61.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 SOUTHERN IRAN									
AUG 06 BCS H= 01 12 55.0 LAT = 25.2 N LONG= 61.2 E SOUTHERN IRAN									
FUR	+I Z SL	P	01 21 06.-	2.0	2.27	9	5030	45.3	102.3 313.8
	-I Z SL	AP	01 21 14.-	2.0	2.30	3			
	-I Z SL	XP	01 21 20.-	1.9	2.05	3			
	+I Z SL	PPP	01 23 32.-	1.0	2.24	3			
	N SL	RM	01 43 40.-	20.0	3.16				
HOF	Z SL	RM	01 49 30.-	14.0	3.28		5050	45.4	104.9 316.9
GRF	+E Z BE	P	01 21 09.7	0.8	2.10	4	5080	45.7	103.7 315.9
STU	+E Z BE	P	01 21 17.5	1.0	1.87	2	5200	46.8	101.0 314.3
BUH	E Z GT	P	01 21 21.4				5270	47.4	100.1 314.0
BNS	+I Z FS	P	01 21 32.2	1.8	2.00		5390	48.5	101.2 316.8
	-I Z FS	-	01 21 40.8						
AUG 06 ERL H= 01 32 16.0 LAT = 25.7 N LONG= 60.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SOUTHERN IRAN									
GRF	E Z BE	P	01 40 30.6			2	5000	45.0	103.4 315.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
AUG 06 BCS H= 07 00 54.0 LAT = 31.9 N LONG= 50.1 E IRAN									
AUG 06 ERL H= 07 00 56.2 LAT = 31.8 N LONG= 50.1 E DEPTH= 37 KM MAGNITUDE= 5.0 IRAN									
FUR	+E Z SL	P	07 07 37.-	1.3	1.66	2	3720	33.5	104.7 310.4
	+E Z SL	AP	07 07 45.-	1.5	1.36	2			
GRF	E Z BE	P	07 07 38.6			2	3770	33.9	106.9 313.1
AUG 06 ERL H= 07 14 46.6 LAT = 11.1 S LONG= 162.0 E DEPTH= 56 KM MAGNITUDE= 5.9 SOLOMON ISLANDS									
HLG	- Z SL	PKIKP	07 34 00.-			3	14720	132.4	35.4 339.7
	Z SL	PP	07 36 19.-			1			
HOF	+E Z SL	PKP1	07 33 59.-	1.5	1.86	3	14880	133.8	42.6 333.8
	+E Z SL	PP	07 36 26.-	5.0	3.11	8			
	-E Z SL	XPP	07 36 46.-	5.0	2.94	3			
	-E Z SL	PPP	07 39 27.-	2.0	2.40	8			
GRF	+E Z BE	PKIKP	07 34 01.2			2	14960	134.6	42.2 333.6
	E Z BE	-	07 36 27.2			2			
	E Z BE	-	07 37 03.2			2			
	E Z BE	PP	07 37 31.5			2			
BNS	+E Z FS	PKP	07 34 02.0	3.0	2.30		15040	135.2	35.3 337.6
	+I Z FS	PP	07 36 39.5						
	I Z FS	-	07 37 34.-						
	E Z SL	LR	08 24 10.-						
	Z SL	-	08 35 30.-	20.0					
TNS	2E Z SL	PKP	07 34 05.0			3	15050	135.3	38.4 336.0
	2E Z SL	PP	07 36 32.0			3			
	E Z SL	SKP	07 37 39.0						
FUR	-I Z SL	PKP1	07 34 03.-	1.3	1.89	9	15090	135.7	43.3 332.1
	-I Z SL	-	07 34 08.-	2.0	2.44	4			
	-I Z SL	APKP	07 34 14.-	1.1	2.30	3			
	+I Z SL	-	07 34 50.-	1.5	1.70	3			
	-E Z SL	PP	07 36 39.-	2.6	2.57	2			
	+I Z SL	PKS	07 37 37.-	2.0	2.80	9			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	07 37 48.-	1.5	1.89	7				
STU	-E Z BE	PKP	07 34 04.5	1.2	2.16	4	15140	136.1	40.3	334.2
BUH	E Z GT	PKP	07 33 58.6				15190	136.6	39.1	334.8
AUG 06 ERL										
H= 08 42 33.2										
LAT = 14.7 N										
LONG= 55.6 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.7										
ARABIAN SEA										
FUR	-I Z SL	P	08 51 22.-	1.9	2.00	3	5490	49.4	117.1	322.0
AUG 06 BCS										
H= 10 06 59.0										
LAT = 35.7 N										
LONG= 27.1 E										
DODECANESE ISLANDS										
GRF	E Z BE	P	10 11 11.3			1	2020	18.2	134.4	325.2
BUH	E Z GT	P	10 11 20.0				2110	19.0	126.1	318.8
AUG 06 ERL										
H= 10 15 40.4										
LAT = 11.2 S										
LONG= 162.0 E										
DEPTH= 67 KM										
MAGNITUDE= 5.1										
SOLOMON ISLANDS										
GRF	E Z BE	PKIKP	10 34 55.7			2	14980	134.7	42.3	333.5
FUR	+I Z SL	PKP1	10 34 58.-	1.9	1.89	7	15100	135.8	43.4	332.0
	+I Z SL	PKS	10 38 29.-	2.0	2.10	2				
AUG 06 ERL										
H= 11 07 29.8										
LAT = 49.0 N										
LONG= 156.4 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.2										
KURIL ISLANDS										
GRF	+E Z BE	P	11 19 22.2			3	8590	77.2	22.7	337.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 06 ERL										
H= 15 17 33.1										
LAT = 11.2 S										
LONG= 162.0 E										
DEPTH= 49 KM										
MAGNITUDE= 5.2										
SOLOMON ISLANDS										
GRF	E Z BE	PKIKP	15 36 48.8			1	14970	134.7	42.3	333.6
BUH	E Z GT	PKP	15 36 50.3				15200	136.7	39.2	334.7
AUG 06 ERL										
H= 15 36 55.4										
LAT = 14.6 N										
LONG= 55.8 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.7										
ARABIAN SEA										
AUG 06 BCS										
H= 15 36 59.0										
LAT = 15.0 N										
LONG= 55.0 E										
ARABIAN SEA										
FUR	-E Z SL	P	15 45 46.-	2.0	2.10	3	5510	49.6	116.9	321.9
	+I Z SL	AP	15 45 54.-	1.3	1.89	3				
	-I Z SL	XP	15 45 56.-	1.5	1.62	2				
GRF	E Z BE	P	15 45 48.0			1	5600	50.3	118.0	323.7
AUG 06 ERL										
H= 15 53 55.6										
LAT = 14.7 N										
LONG= 55.6 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.2										
ARABIAN SEA										
AUG 06 BCS										
H= 15 53 58.0										
LAT = 15.0 N										
LONG= 55.0 E										
ARABIAN SEA										
FUR	+I Z SL	P	16 02 44.-	1.8	2.18	9	5490	49.4	117.0	322.0
	-I Z SL	AP	16 02 50.-	1.8	2.26	3				
	+I Z SL	XP	16 02 54.-	1.9	2.35	2				
GRF	E Z BE	P	16 02 48.9			2	5580	50.1	118.1	323.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
AUG 06 ERL H= 16 06 09.4 LAT = 14.8 N LONG= 55.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 ARABIAN SEA										
FUR	+E Z SL	P	16 14 57.-	2.0	2.24	9	5490	49.3	117.0	321.9
	+I Z SL	AP	16 15 07.-	2.0	2.27	3				
	-I Z SL	XP	16 15 11.-	2.0	2.10	2				
GRF	E Z BE	P	16 15 02.4			1	5570	50.1	118.1	323.7
AUG 06 ERL H= 16 44 37.6 LAT = 14.4 N LONG= 55.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 ARABIAN SEA										
AUG 06 BCS H= 16 44 41.0 LAT = 15.0 N LONG= 55.0 E ARABIAN SEA										
FUR	+I Z SL	P	16 53 28.-	1.3	1.30	9	5520	49.6	117.3	322.1
	-I Z SL	AP	16 53 36.-	1.5	1.89	7				
GRF	E Z BE	P	16 53 33.3			3	5600	50.4	118.4	323.9
AUG 07 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	01 38 33.-	1.5	1.08	1				
GRF	E Z BE	P	01 38 48.8			1				
	E E BE	S	01 40 01.0			1				
AUG 07 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	05 56 41.8							
AUG 07 ERL H= 09 24 14.7 LAT = 16.6 S LONG= 172.1 W DEPTH= 33 KM MAGNITUDE= 5.8 SAMOA ISLANDS REGION										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
HLG	E Z SL	PKP	09 43 39.-			3	15850	142.5	360.0	0.0
BNS	+I Z FS	PKP	09 43 51.3	2.3	3.10		16210	145.8	358.8	0.8
	+I Z SL	-	09 43 52.-	10.0						
	I Z FS	-	09 44 05.2	1.4	3.10					
	I Z FS	PP	09 47 11.5							
	E Z SL	LR	10 31 50.-	47.0						
	Z SL	-	10 48 30.-	20.0						
HOF	+I Z SL	PKP1	09 43 52.-	4.0	2.69	9	16260	146.3	6.9	355.4
	+I Z SL	XPKP	09 44 14.-	1.5	2.59	4				
	-I Z SL	-	09 46 28.-	1.5	2.39	9				
	-E Z SL	PP	09 47 21.-	3.0	2.49	2				
	-E Z SL	-	09 47 44.-	4.0	2.55	2				
GRF	-E Z BE	PKP1	09 43 53.5	1.0	2.25	2	16340	146.9	5.8	356.1
	+E Z BE	PKP2	09 44 07.4			4				
KRL	+E Z ST	PKP	09 43 58.8	1.0		4	16430	147.7	0.9	359.4
BUH	E Z GT	PKP	09 43 55.1				16460	148.1	0.6	359.6
	E Z GT	PKP	09 43 58.5							
	E Z GT	PKP	09 44 10.0							
FUR	+E Z SL	PKP1	09 43 54.-	2.0	2.27	9	16510	148.4	6.2	355.7
	+I Z SL	PKHKP	09 43 58.-	1.8	2.74	4				
	+I Z SL	PKP2	09 44 05.-	1.5	2.40	2				
	-I Z SL	XPKP	09 44 10.-	1.8	2.95	9				
	+E Z SL	SKP	09 47 25.-	2.2	2.30	2				
	-I Z SL	XPP	09 47 47.-	1.9	2.32	4				
AUG 07 ERL H= 23 16 39.0 LAT = 19.1 S LONG= 169.1 E DEPTH=184 KM MAGNITUDE= 5.5 NEW HEBRIDES ISLANDS										
HOF	+I Z SL	PKP1	23 35 52.-	1.5	2.39	9	16010	144.0	38.4	335.1
GRF	+E Z BE	PKP	23 35 54.4	1.2	2.53	9	16090	144.7	38.0	335.0
BNS	+I Z FS	PKP	23 35 55.3	2.0	2.54		16140	145.1	30.8	340.0
	I Z FS	-	23 36 41.2							
FUR	-I Z SL	PKP1	23 35 57.-	1.5	2.06	9	16220	145.9	39.4	333.3
	+I Z SL	APKP	23 36 44.-	1.5	2.19	8				
	-I Z SL	XPKP	23 36 56.-	1.5	1.98	3				
STU	+E Z BE	PKP	23 35 57.0	1.0	2.37	2	16260	146.2	35.7	335.9
BUH	E Z GT	PKP	23 35 57.2				16310	146.7	34.3	336.8
	E Z GT	-	23 36 00.4							
	E Z GT	-	23 36 46.2							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 08 ERL H= 04 24 59.5 LAT = 1.2 S LONG= 28.3 E DEPTH= 26 KM MAGNITUDE= 5.1 REPUBLIC OF THE CONGO										
GRF	E Z BE	P	04 34 19.3			1	5870	52.8	158.3	346.1
AUG 08 ERL H= 09 45 49.3 LAT = 48.1 N LONG= 157.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 KURIL ISLANDS REGION										
BNS	E Z FS	P	09 56 47.3	1.2	2.00		8680	78.0	20.1	341.1
GRF	E Z BE	P	09 57 48.4			1	8700	78.3	22.6	338.2
AUG 08 NO DETERMINATION OF EPICENTER										
FUR	+I E SL	-	12 00 36.-	1.9	2.12	7				
	-I E SL	-	12 00 59.-	1.5	1.79	9				
	-I E SL	-	12 01 32.-	1.5	1.74	3				
	E SL	MAXIMUM	12 02 16.-	1.5	2.26					
AUG 08 BCS H= 13 18 27.0 LAT = 44.1 N LONG= 8.0 E NORTHERN ITALY										
BUH	E Z GT	PN	13 19 33.7				510	4.6	182.1	1.9
FUR	+E E SL	-	13 20 24.-	1.5	1.48	5	520	4.7	210.5	28.1
	E SL	MAXIMUM	13 21 10.-	1.5	1.79					
AUG 08 BCS H= 19 09 30.0 LAT = 25.0 N LONG= 61.2 E SOUTHERN IRAN										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 08 ERL H= 19 09 33.5 LAT = 25.0 N LONG= 61.1 E DEPTH= 41 KM MAGNITUDE= 5.5 SOUTHERN IRAN										
FUR	+I Z SL	P	19 17 48.-	1.9	2.19	4	5040	45.3	102.4	313.9
	-I Z SL	AP	19 17 56.-	2.0	2.21	1				
	-E Z SL	PCP	19 19 20.-	1.5	1.54	9				
	-E Z SL	PP	19 19 31.-	1.5	1.54	2				
	+I Z SL	APP	19 19 39.-	1.8	1.85	2				
GRF	+I Z BE	P	19 17 51.8	1.0	2.17	9	5080	45.7	103.8	316.0
BUH	E Z GT	P	19 18 03.7				5270	47.4	100.2	314.0
BNS	+I Z FS	P	19 18 14.0	1.5	1.85		5390	48.5	101.3	316.9
	-I Z FS	-	19 18 22.6							
AUG 08 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	22 09 42.-	2.0	1.88	2				
	+E Z SL	-	22 09 51.-	2.0	2.05	3				
AUG 08 ERL H= 23 57 27.7 LAT = 51.3 N LONG= 178.0 W DEPTH= 67 KM MAGNITUDE= 4.9 ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	+E Z BE	P	00 09 27.2			4	8800	79.1	5.9	354.0
AUG 09 ERL H= 00 37 57.9 LAT = 23.3 S LONG= 178.3 W DEPTH=323 KM MAGNITUDE= 5.0 SOUTH OF FIJI ISLANDS										
GRF	E Z BE	PKP1	00 57 17.1			1	16970	152.6	19.3	346.5
	E Z BE	PKP2	00 57 28.6			2				
	E Z BE	-	00 57 31.3			4				
	E Z BE	-	00 58 57.6			1				
AUG 09 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	03 27 40.4							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 09 QCS H= 04 02 03.0 LAT = 39.3 N LONG= 20.6 E GREECE-ALBANIA BORDER REGION										
AUG 09 FRL H= 04 02 05.0 LAT = 39.5 N LONG= 20.7 E DEPTH= 42 KM MAGNITUDE= 4.5 GREECE-ALBANIA BORDER REGION										
FUR	-E Z SL	P	04 04 44.-	2.0	1.80	5	1240	11.1	139.4	325.8
	-E Z SL	-	04 07 20.-	1.5	1.28	5				
	Z SL	RM	04 09 45.-	1.5	1.54					
GRF	E Z BE	P	04 05 11.8			2	1370	12.4	143.7	330.3
AUG 09 ERL H= 04 17 37.3 LAT = 7.9 N LONG= 94.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 NICOBAR ISLANDS REGION										
FUR	+I Z SL	P	04 29 41.-	1.8	1.95	9	8820	79.4	90.0	317.5
	+I Z SL	XP	04 29 54.-	1.5	1.73	3				
	+I Z SL	-	04 30 07.-	1.5	1.59	3				
GRF	E Z BE	P	04 29 42.6			2	8830	79.4	90.3	319.0
	-E Z BE	-	04 29 45.1			6				
KRL	+E Z ST	P	04 29 56.5			2	9030	81.2	88.0	318.4
BUH	E Z GT	P	04 29 52.0				9050	81.4	87.8	318.0
	E Z GT	P	04 29 56.0							
HLG	Z SL	P	04 30 00.-			2	9050	81.4	88.4	323.6
AUG 09 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	PG	09 04 22.6							
	E E X	SG	09 04 31.4							
	E Z FS	-	09 04 42.3							
AUG 09 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	09 45 06.5			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 09 ERL H= 12 48 41.4 LAT = 8.0 N LONG= 94.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 NICOBAR ISLANDS REGION										
FUR	-E Z SL	P	13 00 45.-	1.5	1.28	5	8830	79.4	89.9	317.5
	-I Z SL	-	13 00 48.-	1.9	2.00	2				
GRF	E Z BE	P	13 00 46.3			3	8830	79.4	90.2	319.0
BUH	E Z GT	P	13 00 55.2				9050	81.4	87.8	318.0
AUG 09 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	13 53 18.8							
AUG 09 ERL H= 15 34 49.6 LAT = 26.4 N LONG= 140.5 E DEPTH=470 KM MAGNITUDE= 5.1 BONIN ISLANDS REGION										
GRF	+E Z BE	P	15 47 08.1	1.0	1.66	2	10220	91.9	44.0	329.8
	-E Z BE	-	15 47 21.4			2				
	E Z BE	AP	15 49 07.2			1				
	E Z BE	PP	15 50 53.4			2				
FUR	-I Z SL	P	15 47 13.-	2.0	2.44	4	10340	92.9	44.1	328.7
	-I Z SL	-	15 47 25.-	1.5	1.89	4				
	+I Z SL	-	15 49 04.-	1.5	1.36	3				
AUG 09 ERL H= 19 42 17.3 LAT = 53.0 N LONG= 107.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 LAKE BAIKAL REGION										
GRF	E Z BE	P	19 51 52.8			2	6200	55.8	46.6	308.7
FUR	-E Z SL	AP	19 52 06.-	1.8	1.60	4	6320	56.8	45.9	307.3
	+E Z SL	PPP	19 55 31.-	2.0	1.88	2				
	+I Z SL	-	19 55 39.-	2.0	1.94	4				
	Z SL	RM	20 20 10.-	14.0	3.76					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 09 ERL H= 20 51 51.0 LAT = 56.8 N LONG= 127.2 E DEPTH= 36 KM MAGNITUDE= 4.8 EASTERN RUSSIA										
GRF	E Z BE	P	21 02 10.4			3	6830	61.4	34.3	318.3
FUR	+E Z SL	-	21 05 26.-	1.9	1.75	3	6960	62.6	33.8	317.3
	+E Z SL	-	21 06 11.-	2.0	1.88	3				
AUG 09 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	22 36 09.-	1.5	1.18	1				
AUG 10 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	10 42 42.-	1.3	1.49	4				
	Z SL	MAXIMUM	10 47 03.-	1.5	1.36					
AUG 10 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	14 01 15.-	1.5	1.28	1				
	Z SL	MAXIMUM	14 01 37.-	1.5	1.43					
AUG 10 ERL H= 15 31 24.7 LAT = 21.5 S LONG= 174.6 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.7 TONGA ISLANDS										
HLG	-I Z SL	PKP	15 51 08.7			4	16380	147.3	4.2	357.3
BNS	E Z FS	PKP	15 51 14.0	1.3	2.18		16740	150.5	3.3	357.8
HOF	+E Z SL	PKP1	15 51 14.-	1.5	2.09	5	16770	150.8	12.3	351.5
	+I Z SL	PKHKP	15 51 20.-	1.5	2.23	7				
	-I Z SL	PKP2	15 51 27.-	1.5	2.09	5				
GRF	+E Z BE	PKP1	15 51 17.7			5	16840	151.5	11.3	352.1
	-E Z BE	PKP2	15 51 26.1			4				
BUH	E Z GT	PKP	15 51 07.5				16990	152.8	5.7	356.0
FUR	+E Z SL	PKP1	15 51 15.-	2.0	1.88	1	17010	153.0	12.0	351.4
	-I Z SL	PKHKP	15 51 21.-	1.5	1.59	9				
	+I Z SL	APKP	15 51 25.-	1.7	2.06	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	PKP2	15 51 32.-	1.5	1.93	4				
	+I Z SL	-	15 51 38.-	1.5	1.76	9				
	+I Z SL	APKP	15 51 43.-	2.0	2.27	3				
	-I Z SL	XPKP	15 51 49.-	1.5	1.66	4				
	-E Z SL	PP	15 55 04.-	2.0	1.88	6				
	-E Z SL	XPP	15 55 22.-	1.5	1.36	2				
AUG 10 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	18 55 40.-	1.5	1.28	5				
	+E Z SL	-	18 55 51.-	1.5	1.28	1				
AUG 10 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	20 57 29.0							
AUG 10 ERL H= 21 06 40.1 LAT = 32.4 N LONG= 93.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 TIBET										
GRF	-E Z BE	P	21 16 55.2	0.9	1.41	2	6820	61.3	72.8	312.8
FUR	+I Z SL	P	21 16 58.-	1.5	1.59	9	6870	61.8	72.0	311.2
	+E Z SL	-	21 17 16.-	1.8	1.90	2				
AUG 10 ERL H= 22 03 29.5 LAT = 33.6 N LONG= 140.8 E DEPTH= 70 KM MAGNITUDE= 4.2 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	22 16 03.8			1	9540	85.8	40.2	329.9
AUG 11 ERL H= 02 22 14.2 LAT = 44.7 N LONG= 102.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 MONGOLIA										
GRF	+E Z BE	P	02 32 07.4			2	6470	58.2	57.0	310.2
	+I Z BE	-	02 32 13.4			9				
FUR	+I Z SL	AP	02 32 19.-	1.5	1.53	3	6560	59.0	56.2	308.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+E Z SL	PPP	02 35 55.-	1.5	1.43	7				
	E SL	RM	02 58 00.-	12.0	2.87					
AUG 11 ERL H= 02 32 42.1 LAT = 33.6 N LONG= 141.3 E DEPTH= 19 KM MAGNITUDE= 4.2 OFF EAST COAST OF HONSHU, JAPAN										
GRF	E Z BE	P	02 45 22.0			1	9560	86.0	39.8	330.1
AUG 11 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	06 51 17.6			1				
	E N BE	S	06 53 59.6			2				
FUR	+E Z SL	-	06 52 35.-	1.3	1.59	5				
	-I Z SL	-	06 53 10.-	1.5	1.49	8				
	-I Z SL	-	06 54 26.-	1.7	1.91	9				
AUG 11 ERL H= 07 31 31.0 LAT = 25.1 S LONG= 179.2 W DEPTH=390 KM MAGNITUDE= 4.9 SOUTH OF FIJI ISLANDS										
GRF	E Z BE	PKP1	07 50 38.0			2	17140	154.2	22.1	344.4
	E Z BE	PKP2	07 51 01.7			4				
	E Z BE	APKP	07 52 41.5			2				
BUH	E Z GT	PKP	07 51 08.4				17320	155.8	16.6	348.0
AUG 11 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	09 09 31.-	1.7	1.76	3				
	-I Z SL	-	09 10 00.-	1.5	1.55	5				
AUG 11 ERL H= 09 09 56.0 LAT = 36.6 N LONG= 70.7 E DEPTH=271 KM MAGNITUDE= 4.7 HINDU KUSH REGION										
GRF	E Z BE	P	09 17 42.0			2	4920	44.2	83.8	306.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+E Z SL	P	09 17 42.-	1.5	1.43	2	4930	44.4	82.3	304.4
AUG 11 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	11 20 37.3			1				
	E N BE	S	11 21 47.0			2				
AUG 11 ERL H= 13 24 44.0 LAT = 54.6 N LONG= 161.6 E DEPTH= 33 KM MAGNITUDE= 5.3 NEAR EAST COAST OF KAMCHATKA										
BNS	+I Z FS	P	13 36 09.5	1.0	1.78		8080	72.6	15.3	343.4
	+I Z FS	-	13 36 20.0							
	E Z FS	-	13 36 50.0							
STU	+E Z BE	P	13 36 19.5	1.0	1.94	3	8270	74.4	16.3	341.4
FUR	+I Z SL	P	13 36 21.-	1.5	1.81	9	8290	74.6	17.4	339.9
	-I Z SL	XP	13 36 31.-	1.5	1.66	9				
	+I Z SL	XPCP	13 36 45.-	1.9	2.00	2				
	-I Z SL	-	13 37 07.-	1.5	2.49	2				
BUH	+I Z GT	P	13 36 21.6				8300	74.7	15.7	342.0
	E Z GT	P	13 36 31.8							
AUG 11 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	14 00 06.0							
AUG 11 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	15 29 57.-	1.9	1.83	2				
	+E Z SL	-	15 30 15.-	1.8	1.78	1				
AUG 11 ERL H= 16 29 55.1 LAT = 18.4 S LONG= 176.7 E DEPTH= 47 KM MAGNITUDE= 4.7 FIJI ISLANDS REGION										
BNS	I Z FS	PKP	16 49 38.5	1.5	1.78		16280	146.4	18.2	348.0
	E Z FS	-	16 49 51.5							
GRF	E Z BE	PKP	16 49 37.9			2	16310	146.7	25.7	342.8

AUG 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
				1.5	1.62	3	16460	148.0		
FUR	-I Z SL	PKP1	16 49 44.-	1.5	1.59	2				
	-I Z SL	PKHKP	16 49 47.-	1.5	1.59	3				
	+I Z SL	PKP2	16 49 51.-							
STU	+E Z BE	PKP	16 49 43.0	1.0	1.64	2	16460	148.0	22.8	344.3
							16500	148.4	21.2	345.4
BUH	E Z GT	PKP	16 49 43.8							

AUG 11
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	21 57 48.2			1				

AUG 11
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	23 13 14.5							

AUG 12
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	03 16 45.1							

AUG 12
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	07 52 46.3							

AUG 12 ERL
H= 09 42 05.2
LAT = 51.4 N
LONG= 179.3 W
DEPTH= 29 KM
MAGNITUDE= 5.9
ANDREANOF ISLANDS, ALEUTIAN IS.

HLG	+I Z SL	P	09 53 43.-			3	8300	74.6	4.7	355.6
BRN	+I Z ET	P	09 53 52.0			6	8460	76.0	8.0	352.1
BNS	+I Z FS	P	09 54 01.8	1.5	2.38		8660	77.9	4.2	355.8
	+I Z SL	-	09 54 02.-							
	I Z FS	-	09 54 20.0							
	E Z SL	PP	09 57 01.-							
	E Z SL	S	10 04 18.-							
	E Z SL	-	10 08 50.-							
	E Z SL	LR	10 18 15.-	48.0						
	Z SL	-	10 32 50.-	20.0						
HOF	+E Z SL	P	09 54 03.-	2.0	2.35	7	8700	78.2	7.1	352.7
	E SL	RM	10 33 30.-	19.0	3.72					
GRF	+I Z BE	P	09 54 07.7	1.4	2.53	9	8780	78.9	6.7	353.1

AUG 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
KRL	+E Z ST	P	09 54 12.8	1.5		3	8870	79.8	4.9	354.8
STU	+E Z BE	P	09 54 13.0	1.3	2.22	4	8890	80.0	5.4	354.3
BUH	E Z GT	P	09 54 14.1				8910	80.1	4.8	354.9
FUR	+I Z SL	P	09 54 16.-	1.5	2.20	9	8940	80.4	6.7	352.8
	+I Z SL	APCP	09 54 30.-	2.0	2.27	5				
	-I Z SL	-	09 54 34.-	1.5	1.98	4				
	-I Z SL	-	09 54 43.-	2.0	2.35	3				
	-I Z SL	-	09 55 06.-	1.5	1.73	3				
	+I Z SL	PP	09 57 16.-	1.5	1.59	2				
	Z SL	RM	10 38 00.-	18.0	3.52					

AUG 12
NO DETERMINATION OF EPICENTER

FUR	+I Z SL	-	10 22 09.-	1.7	1.76	2				

AUG 12 ERL
H= 12 34 20.4
LAT = 53.8 N
LONG= 164.8 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
UNIMAK ISLAND REGION

HOF	-E Z SL	P	12 46 05.-	1.5	1.69	2	8480	76.2	358.0	2.2
GRF	+E Z BE	P	12 46 12.3			2	8540	76.8	357.6	2.7
BUH	E Z GT	P	12 46 16.8				8640	77.7	355.8	4.7
FUR	+E Z SL	P	12 46 20.-	1.5	1.28	5	8710	78.4	357.6	2.7
	-E Z SL	APCP	12 46 36.-	2.0	1.94	2				

AUG 12 ERL
H= 13 15 48.1
LAT = 5.0 N
LONG= 82.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.7
SOUTH OF PANAMA

BNS	+E Z FS	P	13 28 27.5	2.3	2.15		9560	86.0	273.0	39.3
	E Z SL	S	13 38 58.-							
	E Z SL	LR	13 55 50.-							
	Z SL	-	13 59 20.-	22.0						
BUH	E Z GT	P	13 28 30.9				9650	86.8	273.9	41.6
STU	E Z BE	P	13 28 34.3	1.2	1.80	2	9720	87.4	274.6	41.4
GRF	E Z BE	P	13 28 40.7			2	9860	88.7	276.1	40.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-E Z SL	P	13 28 42.-	1.8	2.08	9	9680	88.9	276.2	41.9
	+E Z SL	APCP	13 28 51.-	2.0	2.10	3				
	Z SL	QM	14 01 00.-	23.0	3.23					
HOF	-E Z SL	P	13 28 44.-	4.0	2.55	5	9900	89.0	276.6	39.7

AUG 12 ERL
H= 23 47 57.3
LAT = 41.1 N
LONG= 22.7 E
DEPTH= 12 KM
MAGNITUDE= 4.9
YUGOSLAVIA

AUG 12 BCS
H= 23 47 58.0
LAT = 41.1 N
LONG= 22.8 E
YUGOSLAVIA

NOS= DAMAGE AT GENGELIJA AND FIVE TOWNS IN GREECE.

FUR	+E Z SL	P	23 50 36.-	1.5	1.28	2	1200	10.8	126.5	314.6
	+I Z SL	PP	23 50 47.-	1.5	1.43	7				
	+E Z SL	PPP	23 50 53.-	1.7	1.69	3				
	+I Z SL	-	23 51 02.-	1.5	1.59	2				
	-I Z SL	-	23 51 30.-	1.5	1.73	7				
	-I Z SL	S	23 52 30.-	1.5	1.54	2				
	+I Z SL	SS	23 52 43.-	1.5	1.54	2				
	-I Z SL	SSS	23 52 53.-	1.5	1.54	2				
	Z SL	QM	23 54 40.-	2.6	3.20					
GRF	E Z BE	P	23 50 48.0			1	1310	11.8	132.3	320.5
	E N BE	S	23 53 08.8			2				
HOF	N SL	QM	23 55 00.-	12.0	3.75		1320	11.9	135.3	324.1
STU	E Z BE	P	23 50 53.1	1.0	1.50	1	1360	12.3	123.5	313.1
BUH	E Z GT	P	23 51 00.4				1420	12.8	120.9	311.2
KRL	+E Z MH	-	23 53 32.-	4.0		3	1430	12.8	122.6	312.7
BNS	E Z FS	PN	23 51 28.8	1.3	1.60		1620	14.6	125.4	317.6
	E Z FS	-	23 56 08.-							
	E Z SL	-	23 56 28.-							
	Z SL	-	23 57 20.-	20.0						

AUG 13 ERL
H= 08 07 22.6
LAT = 47.2 N
LONG= 144.7 E
DEPTH=417 KM
MAGNITUDE= 4.8
SEA OF OKHOTSK

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	-I Z BE	P	08 18 24.3	0.8	1.57	5	8390	75.5	30.8	330.9
BNS	-I Z FS	P	08 18 24.4	1.0	1.30		8410	75.5	28.4	333.8
FUR	-I Z SL	P	08 18 32.-	1.8	1.95	2	8540	76.8	30.6	330.0
BUH	E Z GT	P	08 18 33.9				8600	77.3	28.8	332.1

AUG 13 ERL
H= 09 54 12.6
LAT = 29.6 S
LONG= 177.1 W
DEPTH= 39 KM
MAGNITUDE= 4.7
KERMADEC ISLANDS

GRF	E Z BE	PKP2	10 14 43.9			1	17670	158.9	20.5	344.8

AUG 13 ERL
H= 11 47 48.0
LAT = 51.8 S
LONG= 73.9 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.6
NEAR COAST OF SOUTHERN CHILE

FUR	-I Z SL	PKP1	12 06 42.-	1.5	1.54	2	13700	123.2	227.6	52.9
GRF	E Z BE	PKP	12 06 44.1			2	13810	124.2	228.4	51.5

AUG 13
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	15 42 23.2							
	E Z FS	-	15 42 41.3							
	E Z FS	-	15 43 19.2							
	E Z FS	SG	15 43 55.0	2.9	2.34					

AUG 13 BCS
H= 17 16 06.0
LAT = 44.8 N
LONG= 10.4 E
NORTHERN ITALY

FUR	-E Z SL	PB	17 17 14.-	1.2	1.78	6	380	3.4	190.5	9.9
	-E Z SL	PG	17 17 27.-	1.0	1.98	5				
	-E Z SL	SB	17 17 54.-	1.2	1.70	5				
	Z SL	MAXIMUM	17 18 40.-	1.8	2.26					
BUH	E Z GT	PN	17 17 09.7				460	4.2	158.1	339.7
GRF	E Z JM	PN	17 17 20.4			1	550	4.9	186.8	6.2

AUG 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	AUG 1972
	E Z BE	PG	17 17 44.4			2				
	E N BE	SN	17 18 13.4			2				

AUG 14
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	01 05 35.8							

AUG 14
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	05 17 20.5							

AUG 14
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	05 47 22.3							

AUG 14 ERL
H= 07 16 21.8
LAT = 36.5 N
LONG= 71.5 E
DEPTH=130 KM
MAGNITUDE= 4.6
AFGHANISTAN-USSR BORDER REGION

FUR	-I Z SL	P	07 24 25.-	1.5	1.49	8	5000	45.0	81.9	304.6
BUH	E Z GT	P	07 24 40.5				5210	46.9	80.4	305.8

AUG 14 ERL
H= 11 46 50.6
LAT = 17.9 S
LONG= 178.6 W
DEPTH=622 KM
MAGNITUDE= 4.8
FIJI ISLANDS REGION

BNS	+I Z FS	PKP	12 05 25.3	1.0	1.70		16320	146.7	10.0	353.4
	I Z FS	-	12 05 28.0							
GRF	+I Z BE	PKP	12 05 27.4	0.7	1.46		16390	147.3	17.5	348.2
FUR	-I Z SL	PKP1	12 05 31.-	1.5	1.70	4	16550	148.8	18.3	347.2
	-E Z SL	PKHKP	12 05 37.-	1.2	1.70	2				
BUH	E Z GT	PKP	12 05 22.0				16550	148.8	12.6	351.3
	E Z GT	PKP	12 05 30.6							
	E Z GT	PKP	12 05 36.8							

AUG 14
NO DETERMINATION OF EPICENTER

AUG 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	AUG 1972
BNS	E Z FS	SG	16 09 41.3	0.8	1.95					

AUG 14
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	17 21 13.7			2				
	E N BE	SG	17 21 40.8			2				

AUG 14 ERL
H= 18 29 19.6
LAT = 29.0 N
LONG= 140.0 E
DEPTH=560 KM (GEOPHYSICIST)
MAGNITUDE= 4.1
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	18 41 16.7			1	9940	89.4	43.1	329.6

AUG 14 ERL
H= 22 29 27.6
LAT = 6.3 S
LONG= 144.4 E
DEPTH= 44 KM
MAGNITUDE= 5.6
NEW GUINEA

GRF	E Z BE	PKIKP	22 48 18.9			2	13530	121.7	58.4	326.2
	E Z BE	PP	22 49 54.5			4				
FUR	-I Z SL	PKP1	22 48 20.-	1.8	2.04	2	13610	122.4	59.2	324.6
	+I Z SL	-	22 48 29.-	1.3	2.00	9				
	+I Z SL	-	22 49 51.-	2.0	2.10	9				
	-I Z SL	PP	22 50 04.-	2.0	2.24	2				
	N SL	RM	23 44 00.-	20.0	3.25					
BNS	E Z FS	PKP	22 48 21.3				13690	123.1	53.7	329.2
	E Z FS	-	22 48 29.5							
	E Z FS	-	22 50 07.-							
BUH	E Z GT	PKP	22 48 22.8				13770	123.9	56.0	326.5
	E Z GT	PKP	22 48 31.1							

AUG 15 ERL
H= 03 50 38.3
LAT = 17.8 S
LONG= 178.8 W
DEPTH=573 KM
MAGNITUDE= 4.9
FIJI ISLANDS REGION

BNS	+E Z FS	PKP	04 09 16.5	1.2	1.70		16300	146.5	10.3	353.2
GRF	+E Z BE	PKP1	04 09 19.2			3	16360	147.2	17.7	348.0
	E Z BE	PKP2	04 09 23.6			9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
				1.5	1.62	3	16520	148.6	18.6	347.1
FUR	+E Z SL	PKP1	04 09 23.-							
	+I Z SL	PKHKP	04 09 30.-	1.8	1.90	4	16530	148.7	12.9	351.1
BUH	E Z GT	PKP	04 09 17.7							
	E Z GT	PKP	04 09 23.1							
	E Z GT	PKP	04 09 28.2							

AUG 15 ERL
H= 10 21 53.2
LAT = 17.7 S
LONG= 173.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
TONGA ISLANDS

BNS	E Z FS	PKP	10 41 36.0	1.6	1.78		16320	146.8	0.4	359.7
BUH	E Z GT	PKP	10 41 42.6				16570	149.0	2.4	358.4
				1.5	1.49	8	16610	149.4	8.1	354.3
FUR	+E Z SL	PKP1	10 41 44.0	1.8	2.00	2				
	-I Z SL	APKP	10 41 51.-	1.8	2.00	3				
	+I Z SL	XPKP	10 41 55.-							

AUG 15 ERL
H= 10 56 12.8
LAT = 56.3 N
LONG= 135.5 W
DEPTH= 21 KM
MAGNITUDE= 5.6
SOUTHEASTERN ALASKA

BNS	I Z FS	P	11 07 16.5	1.7	1.95		7650	68.8	338.7	24.3
	E Z FS	-	11 07 29.-							
GRF	-I Z BE	P	11 07 30.2	0.7	1.71	4	7880	70.9	341.1	22.2
BUH	E Z GT	P	11 07 31.8				7910	71.2	339.6	24.5
FUR	-I Z SL	P	11 07 38.-	1.4	1.95	9	8040	72.3	341.3	22.6
	+I Z SL	-	11 07 42.-	1.7	1.91	3				

AUG 16 ERL
H= 03 16 57.2
LAT = 49.8 N
LONG= 78.1 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 5.2
EASTERN KAZAKH SSR

AUG 16 BCS
H= 03 17 00.0
LAT = 50.1 N
LONG= 78.4 E
EASTERN KAZAKH SSR

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

BCIS= SEMIPALATINSK AREA. ARTIFICIAL (UPP).

GRF	+E Z BE	P	03 24 52.4	1.0	1.70	3	4660	41.9	63.2	296.6
BUH	E Z GT	P	03 25 09.5				4910	44.1	61.0	296.6

AUG 16 ERL
H= 11 25 53.9
LAT = 51.9 S
LONG= 139.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
SOUTH OF AUSTRALIA

FUR	-I Z SL	PKP1	11 45 34.-	1.5	1.62	9	16360	147.1	116.3	284.4
	+I Z SL	APKP	11 45 44.-	1.5	1.73	2				
	-I Z SL	XPKP	11 45 50.-	1.5	1.76	2				
	+I Z SL	PP	11 49 08.-	2.0	2.10	9				
HOF	-E Z SL	PKP1	11 45 39.-	1.5	1.86	3	16420	147.7	113.5	288.3
	-E Z SL	PKP2	11 45 44.-	2.0	2.10	4				
GRF	E Z BE	PKP	11 45 37.0			2	16440	147.8	114.1	286.9
BUH	E Z GT	PKP	11 45 39.2				16590	149.2	114.7	283.6
BNS	E Z FS	-	11 45 48.-				16760	150.7	110.7	287.3
	E Z FS	-	11 46 20.-							

AUG 16
NO DETERMINATION OF EPICENTER

FUR	Z SL	MAXIMUM	12 30 15.-	1.5	1.43					

AUG 16
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	20 22 09.8							

AUG 16 ERL
H= 23 22 44.5
LAT = 44.3 N
LONG= 8.1 E
DEPTH= 4 KM
NORTHERN ITALY

AUG 16 BCS
H= 23 22 49.0
LAT = 44.3 N
LONG= 7.7 E
NORTHERN ITALY

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOS= FELT ON ITALIAN RIVIERA.										
BUH	E Z GT	PN	23 23 53.4				490	4.4	181.5	1.4
FUR	+I Z SL	PB	23 24 16.-	1.5	1.59	2	500	4.5	210.9	28.6
	+E Z SL	PG	23 24 30.-	1.5	1.28	1				
	+E Z SL	SN	23 24 55.-	1.5	1.28	5				
	Z SL	MAXIMUM	23 25 53.-	2.0	2.28					
GRF	E Z BE	PN	23 24 13.4			2	650	5.8	202.8	20.5
	E Z BE	PG	23 24 36.0			1				
	E N BE	-	23 25 39.0			1				
BNS	E Z FS	-	23 25 43.-				750	6.7	174.5	355.2
	E Z FS	-	23 26 15.5							

AUG 16 ERL
H= 23 37 51.9
LAT = 44.2 N
LONG= 8.1 E
DEPTH= 33 KM (NORMAL)
NORTHERN ITALY

AUG 16 BCS
H= 23 37 54.0
LAT = 44.3 N
LONG= 7.7 E
NORTHERN ITALY

NOS= FELT ON ITALIAN RIVIERA.

BUH	E Z GT	PN	23 38 57.6				490	4.4	180.8	0.7
FUR	-E Z SL	PB	23 39 18.-	2.0	1.80	5	500	4.5	210.1	27.9
	Z SL	MAXIMUM	23 40 56.-	2.0	1.88					

AUG 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	04 01 26.0							

AUG 17 ERL
H= 06 24 23.7
LAT = 40.7 N
LONG= 78.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
SOUTHERN SINKIANG PROV., CHINA

GRF	E Z BE	P	06 32 51.0			1	5190	46.7	74.2	304.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 17 NO DETERMINATION OF EPICENTER										
BNS	+I Z FS	P	08 22 53.3	1.3	1.70					

AUG 17
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 13 20.-	2.0	2.10					

AUG 17 ERL
H= 17 29 52.1
LAT = 11.1 S
LONG= 117.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
SOUTH OF SUMBAWA ISLAND

GRF	E Z BE	PKP	17 48 47.6			1	12090	108.8	85.0	318.6

AUG 17 ERL
H= 23 44 05.9
LAT = 6.0 S
LONG= 152.9 E
DEPTH= 10 KM
MAGNITUDE= 6.4
NEW BRITAIN REGION

NOS= MAX. INT. (V) AT RABAUL AND PALMAMAL. FELT WIDELY ON NEW BRITAIN AND AS FAR AS PORT MORESBY, NEW GUINEA, LOCAL TSUNAMI REPORTED AT POMIO. MAG. 6.9 (PAS), 7.0 (BRK).

BRN	-E Z ET	PKP	00 03 05.8			4	13690	123.1	50.2	331.8
	+I Z ET	PP	00 04 46.7			4				
	-E Z ET	PS	00 14 38.-							
	+E Z ET	PPS	00 16 02.-							
	-E Z ET	SSS	00 26 05.-							
HLG	Z SL	P	23 59 42.-			2	13810	124.2	43.6	335.9
	- Z SL	PKIKP	00 03 06.-			4				
	+I Z X	PKIKP	00 03 08.-			2				
HOF	-E Z SL	P	23 59 46.-	4.0	2.33	3	13910	125.1	49.9	330.5
	+I Z SL	PKP1	00 03 11.-	3.0	3.14	5				
	+I Z SL	PP	00 05 03.-	4.0	3.80	9				
	+I Z SL	PKS	00 06 45.-	2.2	2.75	9				
	-E Z SL	PPP	00 07 33.-	5.0	3.41	6				
	-I Z SL	PS	00 14 58.-	8.5	3.92	6				
	-I Z SL	PPS	00 16 18.-	8.0	2.93	9				
	-I Z SL	SKKS	00 20 16.-	8.0	2.93	5				
	+E Z SL	SSP	00 22 18.-	9.0	3.69	9				
	-E Z SL	SKKKS	00 23 18.-	11.0	3.86	4				
	-E Z SL	-	00 24 16.-	9.0	3.76	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	23 59 49.0			1	13990	125.8	49.5	330.2
	E Z BE	-	23 59 55.4			2				
	E Z BE	-	00 00 47.7			2				
	E Z BE	-	00 01 46.9			2				
	E Z BE	PKP	00 03 09.2			2				
	E Z BE	PP	00 05 07.0			2				
	E Z BE	PKKP	00 14 06.0			2				
FUR	+I Z SL	P	00 00 01.-	2.0	2.10	9	14100	126.8	50.4	328.7
	+I Z SL	PKP1	00 03 09.-	2.0	2.48	5				
	-I Z SL	PP	00 05 06.-	1.5	2.36	2				
	+I Z SL	-	00 09 47.-	4.5	3.47	4				
	+I Z SL	SKS	00 10 12.-	2.6	2.87	2				
	-I Z SL	SKKKS	00 12 13.-	1.5	1.89	7				
	+I Z SL	PS	00 15 37.-	2.8	2.97	2				
	+I Z SL	PKKS	00 16 44.-	6.0	3.90	3				
BNS	E Z FS	PKP	00 03 09.5	2.0	2.91		14110	126.8	44.4	333.6
	E Z FS	PP	00 05 11.3	3.7	3.44					
STU	E Z BE	PKP	00 03 13.2	1.2	3.03	4	14170	127.4	47.8	330.5
KRL	-I Z WH	PKP	00 03 16.0	4.0		9	14190	127.6	46.9	331.1
	-I Z WH	PP	00 05 16.0	3.5		9				
BUH	E Z GT	PKP	00 03 05.3				14230	128.0	46.8	330.9
	E Z GT	PKP	00 03 14.0							
	E Z GT	PKP	00 21 23.8							

AUG 18 ERL
H= 00 23 48.2
LAT = 6.0 S
LONG= 152.6 E
DEPTH= 8 KM
MAGNITUDE= 6.0
NEW BRITAIN REGION

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PKP	00 42 52.1			1	13980	125.7	49.8	330.1
	E Z BE	PP	00 44 47.5			2				
	E Z BE	PKS	00 46 31.1			2				
FUR	+I Z SL	PKP1	00 42 52.-	1.5	1.43	7	14090	126.7	50.7	328.6
	+I Z SL	-	00 43 56.-	2.0	2.10	9				
BUH	E Z GT	PKP	00 42 56.0				14220	127.9	47.2	330.7

AUG 18 BCS
H= 00 28 18.0
LAT = 46.0 N
LONG= 7.5 E
SWITZERLAND

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PN	00 29 01.4				300	2.7	190.8	10.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PG	00 29 42.8			2	500	4.5	215.5	32.8
	E N BE	SG	00 30 43.0			1				

AUG 18
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	10 11 36.9			2				

AUG 18
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	14 28 47.0							
	E Z GT	P	14 29 38.8							

AUG 18
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	15 48 26.0			2				

AUG 18 ERL
H= 19 02 00.8
LAT = 53.0 N
LONG= 159.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
NEAR EAST COAST OF KAMCHATKA

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	19 13 37.2	0.9	1.84	5	8270	74.3	19.1	339.5

AUG 19
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z JM	PN	10 06 13.8			1				
	E Z BE	PG	10 06 26.2			2				
	E N BE	SG	10 07 05.0			2				

AUG 19 BCS
H= 16 27 39.0
LAT = 47.7 N
LONG= 16.2 E
AUSTRIA

BCIS= SOUTH OF VIENNA, FELT (V) (VIE).

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-E Z SL	PB	16 28 40.-	1.8	1.85	2	370	3.3	96.2	279.8
	+E Z SL	SB	16 29 23.-	2.0	2.10	1				
	+I Z SL	SG	16 29 32.-	2.0	1.94	2				
	Z SL	MAXIMUM	16 30 17.-	2.0	2.00					
GRF	E Z JM	PN	16 28 38.4			1	430	3.9	119.2	303.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
						2				
	E Z BE	PG	16 28 48.8			4				
	E N BE	SG	16 29 36.0							
BUH	E Z GT	PN	16 28 58.4				600	5.4	97.4	283.3

AUG 19 ERL
H= 17 54 23.9
LAT = 43.2 N
LONG= 146.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
KURIL ISLANDS

GRF	E Z BE	P	18 06 40.1			2	8860	79.7	31.3	332.5

AUG 19 ERL
H= 23 20 48.1
LAT = 43.5 N
LONG= 148.4 E
DEPTH= 39 KM
MAGNITUDE= 4.9
KURIL ISLANDS REGION

GRF	+E Z BE	P	23 32 55.0			4	8890	79.9	30.2	333.3
BNS	E Z FS	P	23 32 55.0	1.0	1.30		8900	80.1	27.6	336.3
FUR	-I Z SL	P	23 33 02.-	1.2	1.78	6	9030	81.2	30.1	332.5
	-I Z SL	AP	23 33 11.-	1.2	1.70	1				
	-I Z SL	XP	23 33 15.-	1.2	1.85	2				
BUH	E Z GT	P	23 33 04.4				9090	81.8	28.1	334.6

AUG 20 ERL
H= 02 59 57.9
LAT = 49.5 N
LONG= 48.2 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 5.7
WESTERN KAZAKH SSR

AUG 20 BCS
H= 03 00 00.0
LAT = 49.4 N
LONG= 48.2 E
WESTERN KAZAKH SSR

BCIS= NORTH OF CASPIAN SEA. ARTIFICIAL (UPP).

BRN	+I Z ET	P	03 04 55.9			4	2460	22.1	83.7	291.1
	+I Z ET	PP	03 05 19.3			4				
HOF	-I Z SL	P								
	-I Z SL	-	03 05 09.-	1.5	2.56	9	2590	23.3	78.0	286.0
			03 05 18.-	1.5	2.56	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
	-I Z SL	-	03 05 22.-	1.5	2.64	9				
	-I Z SL	-	03 05 28.-	1.5	2.50	9				
	+I Z SL	PP	03 05 33.-	1.5	2.56	5				
	+I Z SL	PPP	03 05 45.-	1.5	2.09	5				
	-E Z SL	-	03 05 54.-	1.5	2.39	3				
GRF	+I Z BE	P	03 05 14.8	1.1	3.15	6	2650	23.8	76.3	284.8
FUR	+I Z SL	P	03 05 17.-	2.0	3.33	9	2690	24.2	73.0	281.1
	-I Z SL	PP	03 05 50.-	1.5	2.66	3				
	+I Z SL	-	03 06 20.-	1.5	2.35	4				
	+I Z SL	-	03 09 13.-	1.5	2.03	3				
	-I Z SL	S	03 09 38.-	1.8	2.23	2				
	+I Z SL	SS	03 10 15.-	1.7	2.21	4				
	+I Z SL	PCS	03 12 38.-	1.5	1.62	2				
	+I Z SL	SCS	03 16 33.-	1.5	1.98	4				
STU	E Z BE	P	03 05 28.1	1.0	3.10	3	2820	25.3	73.6	283.5
KRL	+I Z WH	-	03 06 34.0	2.0		7	2870	25.8	73.8	284.3
BUH	+I Z GT	P	03 05 34.6				2890	26.0	73.0	283.7
BNS	-I Z FS	P	03 05 35.3	1.2	2.59		2900	26.0	77.1	289.1
	E Z FS	-	03 05 45.5							

AUG 20
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	04 50 28.3							

AUG 20 ERL
H= 08 10 08.1
LAT = 51.3 N
LONG= 161.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
OFF EAST COAST OF KAMCHATKA

HOF	-E Z SL	PP	08 24 43.-	5.0	2.54	4	8400	75.5	19.1	340.5
BNS	E Z FS	P	08 21 51.5	1.5	1.60		8430	75.8	16.2	343.6
GRF	E Z BE	P	08 21 55.0	1.1	1.97	3	8480	76.2	18.6	340.7
FUR	+I Z SL	P	08 22 01.-	1.8	2.18	2	8640	77.7	18.5	340.2
BUH	E Z GT	P	08 22 03.4				8650	77.8	15.7	342.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 20 ERL										
H= 10 09 10.8										
LAT = 38.7 N										
LONG= 140.0 E										
DEPTH= 25 KM										
MAGNITUDE= 5.5										
HONSHU, JAPAN										
GRF	E Z BE	P	10 21 25.5			4	9010	81.1	38.1	329.2
BNS	E Z FS	P	10 21 27.0	1.6	1.70		9070	81.6	35.5	332.0
FUP	-I Z SL	P	10 21 30.-	1.6	1.85	4	9140	82.2	38.0	328.2
	-I Z SL	PCP	10 21 34.-	1.5	1.76	1				
	+I Z SL	APCP	10 21 43.-	1.5	1.54	2				
	+I Z SL	-	10 22 26.-	2.0	2.10	9				
BUH	E Z GT	P	10 21 35.3				9230	83.0	36.0	330.1
AUG 21										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	06 01 30.0							
AUG 21 ERL										
H= 06 23 48.9										
LAT = 49.5 N										
LONG= 147.0 E										
DEPTH=578 KM										
MAGNITUDE= 5.9										
SEA OF OKHOTSK										
HLG	- Z SL	P	06 34 09.-			3	7910	71.1	26.8	336.0
	- Z X	P	06 34 11.-							
	Z SL	PP	06 36 13.-			3				
	+ Z X	PP	06 36 13.1			4				
BRN	-I Z ET	P	06 34 11.6			9	7910	71.2	29.8	332.2
	-E Z ET	PCP	06 34 23.-			3				
	+E Z ET	AP	06 36 04.5			5				
	+E Z ET	PP	06 37 00.-			2				
	+E Z ET	PPP	06 38 46.-			2				
	-E Z ET	S	06 42 42.-			1				
	+E Z ET	SP	06 43 19.-			1				
HOF	-I Z SL	P	06 34 25.-	2.0	3.73	9	8160	73.4	28.7	331.9
	+I Z SL	PCP	06 34 34.-	2.0	2.80	3				
	-E Z SL	-	06 35 43.-	2.0	2.35	7				
	+I Z SL	AP	06 36 25.-	3.0	3.64	9				
	+I Z SL	APCP	06 36 45.-	2.5	2.65	9				
	+I Z SL	PP	06 37 14.-	2.0	2.73	9				
	-I Z SL	-	06 37 20.-	2.0	3.20	5				
	+I Z SL	-	06 37 31.-	2.0	2.92	9				
	-I Z SL	PPP	06 39 09.-	3.0	3.01	5				
	-E Z SL	SP	06 43 40.-	3.0	3.09	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BOC	-I Z B4	P	06 34 25.7	1.5	3.77	6	8200	73.7	26.0	335.2
	+I Z B4	PP	06 36 29.0	2.0	3.77	4				
	-E E B4	S	06 43 09.5	4.0	3.66	2				
GRF	-I Z BE	P	06 34 28.7			9	8250	74.2	28.2	331.9
	E Z BE	APCP	06 36 33.5			2				
	E Z BE	PP	06 37 25.0			2				
	E Z BE	PKPPKP	07 01 05.8			1				
	E Z BE	PKPPKS	07 04 06.0			1				
BNS	-I Z FS	P	06 34 28.0	1.4	3.24		8250	74.2	25.9	334.9
	E Z FS	AP	06 36 28.5							
	E Z FS	-	06 39 15.-							
	E Z FS	S	06 43 15.-							
TNS	-I Z SL	P	06 34 30.0				8290	74.5	26.6	333.8
	E Z SL	APCP	06 36 28.0							
	I Z SL	PP	06 37 28.-							
	E Z SL	PPP	06 39 12.-							
	E N SL	S	06 43 20.-							
	E N SL	SP	06 43 56.-							
FUR	-I Z SL	P	06 34 36.-	1.5	3.09	9	8390	75.5	28.0	331.2
	+I Z SL	APCP	06 36 55.-	2.0	2.60	6				
	+I Z SL	SP	06 44 03.-	2.3	2.70	2				
STU	-I Z BE	P	06 34 35.6	1.2	3.32	9	8410	75.6	26.9	332.7
	BE	PP	06 36 39.5							
	BE	SP	06 37 36.1							
KRL	-I Z WH	P	06 34 36.0	2.0		9	8410	75.6	26.4	333.3
	-I Z WH	-	06 37 37.-	4.0		9				
BUH	-I Z GT	P	06 34 38.1				8450	76.0	26.3	333.3
	+I Z GT	-	06 36 42.9							
	-I Z GT	-	06 37 40.0							
AUG 21										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	07 01 29.0							
AUG 21 ERL										
H= 08 47 05.4										
LAT = 5.8 S										
LONG= 153.0 E										
DEPTH= 35 KM										
MAGNITUDE= 5.3										
NEW IRELAND REGION										
GRF	E Z BE	PKP	09 06 05.6			1	13970	125.7	49.3	330.3
BUH	E Z GT	PKP	09 06 10.0				14210	127.8	46.7	331.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
AUG 21 ERL H= 10 15 43.5 LAT = 55.7 N LONG= 161.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 NEAR EAST COAST OF KAMCHATKA										
GRF	+E Z BE	P	10 27 06.5			2	8010	72.0	17.2	340.1
AUG 21 ERL H= 10 48 02.4 LAT = 29.9 N LONG= 142.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.3 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	11 01 03.0			1	9960	89.6	41.1	330.6
AUG 21 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	13 26 01.8							
AUG 21 ERL H= 14 04 33.9 LAT = 27.2 N LONG= 88.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 SIKKIM										
GRF	E Z BE	P	14 14 50.7			1	6830	61.4	80.8	313.9
BUH	E Z GT	P	14 15 03.4				7060	63.5	78.2	313.2
AUG 21 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	16 40 04.-	1.6	1.40	3				
	-E Z SL	-	16 40 32.-	1.9	1.83	1				
AUG 21 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	17 00 32.2							
AUG 21 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	23 05 09.7			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
AUG 22 ERL H= 04 05 36.7 LAT = 51.3 N LONG= 178.4 W DEPTH= 52 KM MAGNITUDE= 4.6 ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	E Z BE	P	04 17 35.9			1	8790	79.0	6.1	353.6
AUG 22 ERL H= 05 29 37.9 LAT = 23.2 N LONG= 144.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 VOLCANO ISLANDS REGION										
GRF	E Z BE	P	05 43 04.0			1	10710	96.3	42.6	331.5
AUG 22 ERL H= 09 50 50.0 LAT = 6.1 S LONG= 153.0 E DEPTH= 15 KM MAGNITUDE= 5.2 NEW BRITAIN REGION										
BUH	E Z GT	PKP	10 09 57.5				14250	128.2	46.8	330.9
AUG 22 ERL H= 14 20 19.4 LAT = 50.2 N LONG= 156.7 E DEPTH= 63 KM MAGNITUDE= 5.2 KURIL ISLANDS										
GRF	-I Z BE	P	14 32 02.6	0.9	1.57	3	8470	76.2	22.0	337.8
BUH	E Z GT	P	14 32 10.8				8660	77.8	20.1	339.3
AUG 22 ERL H= 16 07 39.7 LAT = 6.9 S LONG= 154.8 E DEPTH= 53 KM MAGNITUDE= 4.4 SOLOMON ISLANDS										
STU	-E Z BE	P	16 19 21.4	1.0	2.12	3	14360	129.1	46.3	331.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 22										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	16 19 13.-	1.5	1.28	5				
	-I Z SL	-	16 19 32.-	1.5	1.49	2				
	E SL	MAXIMUM	16 20 23.-	1.5	2.06					
AUG 22 ERL										
H= 18 09 11.3										
LAT = 39.4 N										
LONG= 140.3 E										
DEPTH=141 KM										
MAGNITUDE= 4.4										
HONSHU, JAPAN										
GRF	E Z BE	P	18 21 09.9			1	8970	80.6	37.6	329.3
AUG 23 ERL										
H= 08 47 16.0										
LAT = 58.2 N										
LONG= 153.6 W										
DEPTH= 61 KM										
MAGNITUDE= 5.5										
KODIAK ISLAND REGION										
BNS	+I Z FS	P	08 58 23.0	0.8	2.26		7790	70.0	349.3	12.8
	E Z FS	-	08 58 48.5							
HOF	+E Z SL	P	08 58 30.-	1.5	1.86	3	7910	71.1	351.9	9.8
GRF	+I Z BE	P	08 58 33.7	0.7	2.13	9	7970	71.7	351.6	10.3
BUH	E Z GT	P	08 58 37.6				8050	72.4	350.0	12.5
FUR	+I Z SL	P	08 58 42.-	1.3	2.28	9	8140	73.2	351.7	10.5
	+I Z SL	-	08 58 50.-	1.5	1.59	2				
	-E Z SL	AP	08 58 55.-	1.5	1.43	4				
	+I Z SL	APCP	08 59 10.-	1.5	1.49	3				
	+I Z SL	XPCP	08 59 50.-	1.5	1.43	7				
AUG 23 ERL										
H= 11 59 52.4										
LAT = 1.8 N										
LONG= 127.3 E										
DEPTH=106 KM										
MAGNITUDE= 5.3										
HALMAHERA										
GRF	E Z BE	PKP	12 18 13.2			1	11690	105.1	68.5	322.8
FUR	-E Z SL	PKP1	12 18 08.-	1.2	1.70	2	11750	105.7	68.9	321.3
	-I Z SL	PP	12 18 19.-	1.2	1.78	6				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 23 ERL										
H= 18 00 31.3										
LAT = 45.8 N										
LONG= 26.8 E										
DEPTH= 82 KM										
MAGNITUDE= 4.7										
RUMANIA										
AUG 23 BCS										
H= 18 00 34.0										
LAT = 45.8 N										
LONG= 26.8 E										
DEPTH=100 KM										
RUMANIA										
FUR	+E Z SL	P	18 03 06.-	1.5	1.28	1	1200	10.8	96.6	287.9
	-E Z SL	-	18 04 17.-	1.8	1.78	3				
	-E Z SL	S	18 05 10.-	1.8	1.78	2				
	Z SL	MAXIMUM	18 08 17.-	2.6	2.39					
GRF	+E Z BE	P	18 03 09.5			3	1240	11.2	104.3	295.8
AUG 23										
NO DETERMINATION OF EPICENTER										
GRF	E Z BF	P	20 29 52.0			1				
AUG 24										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	11 34 03.-	1.0	1.58	2				
	+E Z SL	-	11 34 14.-	1.5	1.28	3				
AUG 24										
NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	13 15 02.-	1.5	1.08	3				
AUG 24										
NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	13 49 52.-	1.5	1.28	5				
	+E Z SL	-	13 50 19.-	1.5	1.28	5				
AUG 24										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	15 03 46.-							
AUG 24										
NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						1				
GRF	E Z BE	PN	19 15 08.0			2				
	E Z BE	PG	19 15 39.6			1				
	E N BE	SG	19 17 03.5							
FUR	-E Z SL	-	19 15 15.-	1.3	1.59	5				

AUG 25 ERL
H= 08 54 51.6
LAT = 71.4 N
LONG= 12.4 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.2
JAN MAYEN ISLAND REGION

GRF	E Z BE	P	09 00 18.2			1	2710	24.4	341.9	140.9

AUG 25
NO DETERMINATION OF EPICENTER

						1				
GRF	E Z BE	PG	12 28 46.3			2				
	E N BE	SG	12 29 29.2							

AUG 25 ERL
H= 14 07 57.1
LAT = 33.4 S
LONG= 179.1 W
DEPTH=111 KM
SOUTH OF KERMADEC ISLANDS

GRF	E Z BE	PKP2	14 28 34.7			1	18010	162.0	29.1	337.8

AUG 25 ERL
H= 22 10 23.4
LAT = 6.1 S
LONG= 152.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
NEW BRITAIN REGION

GRF	E Z BE	PP	22 31 29.0			1	13990	125.8	50.0	330.0
FUR	-I Z SL	PP	22 31 22.-	2.0	2.10	2	14100	126.8	50.9	328.5

AUG 26
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	01 34 16.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

AUG 26 ERL
H= 03 46 34.4
LAT = 5.3 S
LONG= 150.6 E
DEPTH=237 KM
MAGNITUDE= 5.3
NEW BRITAIN REGION

GRF	E Z BE	APKP	03 56 07.0			1	13800	124.1	51.5	329.3

AUG 26 ERL
H= 03 46 56.9
LAT = 50.0 N
LONG= 77.8 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 5.5
EASTERN KAZAKH SSR

AUG 26 BCS
H= 03 47 00.0
LAT = 50.1 N
LONG= 78.4 E
EASTERN KAZAKH SSR

BCIS= SEMIPALATINSK AREA. UNDOUBTLY ARTIFICIAL, (UPP).

GRF	E Z BE	P	03 54 49.6	0.7	1.46	2	4630	41.6	63.1	296.2
FUR	+I Z SL	P	03 54 53.-	1.0	2.12	7	4700	42.3	61.6	294.2
BNS	E Z FS	P	03 55 02.5	1.2	1.30		4820	43.3	62.5	299.7
	E Z FS	-	03 56 43.3							
BUH	E Z GT	P	03 55 06.8				4870	43.8	60.8	296.3

AUG 26 ERL
H= 09 38 20.3
LAT = 4.9 S
LONG= 145.7 E
DEPTH= 54 KM
MAGNITUDE= 4.4
NEAR NORTH COAST OF NEW GUINEA

BNS	E Z FS	-	10 00 12.5				13620	122.5	51.6	330.2
	E Z FS	-	10 00 36.5							

AUG 26 ERL
H= 11 38 09.8
LAT = 52.5 N
LONG= 170.6 W
DEPTH= 52 KM
MAGNITUDE= 4.7
FOX ISLANDS, ALEUTIAN ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						2	8690	78.1	1.1	358.8
GRF	E Z BE	P	11 50 04.8				8800	79.2	359.2	0.8
BUH	E Z GT	P	11 50 10.6							

AUG 26 ERL
H= 13 25 48.2
LAT = 22.1 S
LONG= 169.9 E
DEPTH= 42 KM
LOYALTY ISLANDS REGION

FUR	-E Z SL	PKP1	13 45 33.-	1.5	1.28	3	16560	148.9	40.9	331.8
	-E Z SL	PKP2	13 45 46.-	1.7	1.61	3				

AUG 26
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	17 29 44.-	1.3	1.36	3				
	-E Z SL	-	17 30 10.-	1.5	1.36	2				

AUG 27
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	06 13 31.6							
GRF	E Z BE	P	06 14 11.0			2				
	E N BE	-	06 14 53.0			2				

AUG 27 ERL
H= 14 49 31.9
LAT = 22.6 N
LONG= 100.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
BURMA-CHINA BORDER REGION

GRF	E Z BE	P	15 00 59.5			1	8090	72.8	75.3	317.2
FUR	+E Z SL	P	15 01 02.-	1.5	1.28	5	8130	73.1	74.9	315.6
	-E Z SL	PCP	15 01 19.-	1.5	1.28	5				
	-E Z SL	XPCP	15 01 34.-	2.0	1.80	3				
	+E Z SL	-	15 01 57.-	2.0	1.94	4				

AUG 27 ERL
H= 19 38 05.2
LAT = 10.6 N
LONG= 42.5 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
NORTH ATLANTIC RIDGE

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-E Z SL	P	19 48 01.-	1.5	1.28	5	6490	58.4	248.7	39.4
	-I Z SL	-	19 48 42.-	1.8	1.95	5				
	-E Z SL	APCP	19 48 57.-	1.7	1.76	3				
GRF	E Z BE	P	19 48 01.5			1	6550	58.9	247.8	37.7

AUG 28 ERL
H= 02 19 00.5
LAT = 24.9 S
LONG= 136.3 E
DEPTH= 59 KM
MAGNITUDE= 5.6
NORTHERN TERRITORY, AUSTRALIA

GRF	E Z BE	PKP	02 38 07.4			1	14580	131.1	80.5	315.1
FUR	-I Z SL	PKP1	02 38 06.-	1.5	1.59	9	14600	131.3	81.8	313.1
	-E Z SL	APP	02 40 29.-	2.0	1.88	6				

AUG 28 ERL
H= 05 59 56.5
LAT = 73.3 N
LONG= 55.1 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 6.3
NOVAYA ZEMLYA

AUG 28 BCS
H= 06 00 00.0
LAT = 73.3 N
LONG= 53.6 E
NOVAYA ZEMLYA

BCIS= UNDOUBTLY ARTIFICIAL.

HLG	+I Z X	P	06 05 42.5			9	3020	27.1	27.6	250.9
	+E Z SL	P	06 05 43.5			3				
	-I Z X	PCP	06 09 04.5			5				
BRN	+I Z ET	P	06 05 44.5			9	3040	27.3	24.8	243.0
	+I Z ET	PPP	06 06 45.0			4				
	+E Z ET	S	06 10 22.5			4				
HOF	+I Z SL	P	06 06 04.-	2.4	3.54	9	3290	29.6	23.6	242.8
	+E Z SL	-	06 06 27.-	1.5	2.17	6				
	+I Z SL	PP	06 06 55.-	1.5	2.64	9				
	-I Z SL	PPP	06 07 13.-	2.0	2.98	2				
	+I Z SL	-	06 07 25.-	2.0	2.80	4				
	+I Z SL	-	06 08 20.-	1.5	2.56	9				
	-I Z SL	-	06 12 40.-	2.0	2.80	9				
	-I Z SL	PCS	06 13 10.-	2.0	2.68	9				
	+I Z SL	SCS	06 17 11.-	2.0	3.10	4				
	Z SL	RM	06 21 50.-	7.0	4.01					
BOC	+I Z B4	P	06 06 04.9	0.8	3.30	6	3310	29.7	25.6	249.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
				0.9	3.02		3360	30.2	25.2	248.8
BNS	+I Z FS	P	06 06 10.0	4.0						
	+I Z SL	-	06 06 10.-							
	E Z FS	-	06 12 03.-							
	E Z SL	LR	06 15 56.-	10.0						
	Z SL	-	06 21 40.-							
				0.8	2.95	9	3370	30.3	23.3	243.0
GRF	+I Z BE	P	06 06 11.7							
				1.0	2.92	9	3520	31.7	23.2	244.7
STU	+I Z BE	P	06 06 22.9							
	BE	PCP	06 09 15.0							
				1.3	2.66	9	3530	31.7	22.3	241.8
FUR	+I Z SL	P	06 06 22.-	1.5	2.28	5				
	-I Z SL	PP	06 09 32.-	1.8	2.88	5				
	-I Z SL	PCP	06 11 03.-	1.8	2.57	5				
	+I Z SL	S	06 13 13.-	1.8	2.65	4				
	+I Z SL	SS	06 13 26.-	2.0	2.85	4				
	+I Z SL	SSS	06 13 42.-	3.0	3.55					
	Z SL	QM	06 17 20.-							
							3560	32.0	23.4	245.7
BUH	+I Z GT	PKP	06 06 26.1							

AUG 28 ERL
H= 13 48 37.9
LAT = 18.1 S
LONG= 176.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
FIJI ISLANDS REGION

BNS	E Z FS	PKP	14 08 19.-	1.5	1.48		16360	147.1	6.5	355.7
	E Z FS	-	14 08 26.5							
GRF	E Z BE	PKP	14 08 21.4			1	16450	147.9	14.0	350.5
FUR	+E Z SL	PKP1	14 08 21.-	1.5	1.28	3	16610	149.4	14.7	349.7
	-E Z SL	PKP2	14 08 33.-	1.2	1.70	5				
	+E Z SL	XPKP	14 08 40.-	1.9	1.83	6				

AUG 28 ERL
H= 14 24 46.1
LAT = 13.3 N
LONG= 120.6 E
DEPTH= 62 KM
MAGNITUDE= 5.2
MINDORO, PHILIPPINE ISLANDS

FUR	-E Z SL	P	14 37 51.-	1.8	1.70	5	10300	92.6	66.9	320.8
	-E Z SL	XPCP	14 38 06.-	1.5	1.28	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

AUG 28 ERL
H= 15 21 01.8
LAT = 51.4 N
LONG= 179.2 W
DEPTH= 45 KM
MAGNITUDE= 5.5
ANDREANOF ISLANDS, ALEUTIAN IS.

BNS	I Z FS	P	15 32 56.4	1.0	1.78		8660	77.9	4.1	355.9
GRF	E Z BE	P	15 33 02.4	0.8	1.75	2	8780	78.9	6.6	353.1
BUH	E Z GT	P	15 33 08.5				8910	80.1	4.7	355.0
FUR	-I Z SL	P	15 33 10.-	1.3	1.84	2	8940	80.4	6.6	352.9

AUG 28
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	16 04 30.3							

AUG 28
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	18 02 33.0							

AUG 28 ERL
H= 18 58 03.2
LAT = 21.3 S
LONG= 174.5 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.6
TONGA ISLANDS

HLG	+ Z SL	PKP	19 17 45.-			3	16350	147.1	4.1	357.4
	- Z X	PKP	19 17 45.9			1				
BNS	E Z FS	PKP	19 17 46.0	2.4	2.70		16720	150.3	3.2	357.8
HOF	-E Z SL	PKP1	19 17 50.-	1.5	1.86	3	16740	150.6	12.2	351.6
	+I Z SL	PKHKP	19 17 56.-	2.0	2.35	2				
	+I Z SL	PKP2	19 18 08.-	3.0	2.89	9				
	+I Z SL	XPKP	19 18 19.-	3.0	2.71	3				
GRF	E Z BE	PKP1	19 17 49.7			1	16820	151.3	11.2	352.2
	E Z BE	-	19 17 55.4			1				
	E Z BE	PKP2	19 18 04.8			2				
BUH	E Z GT	PKP	19 17 51.2				16960	152.6	5.6	356.0
FUR	-E Z SL	PKP1	19 17 52.-	3.0	2.46	3	16990	152.8	11.9	351.5
	+I Z SL	XPKP	19 18 04.-	1.7	2.03	4				
	+I Z SL	PKP2	19 18 12.-	1.7	2.29	2				
	-I Z SL	XPKP	19 18 24.-	1.5	1.98	1				
	-I Z SL	APP	19 21 48.-	3.0	2.51	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
AUG 28										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	20 53 51.2			2				
	E Z BE	-	20 54 04.5			2				
	E E GT	-	20 54 44.2			1				
FUR	-E Z SL	-	20 54 21.-	1.3	1.36	3				
	Z SL	MAXIMUM	20 56 20.-	1.5	1.43					
BUH	E Z GT	P	20 54 22.5							
BNS	E Z FS	-	20 55 37.5							
	E Z FS	-	20 55 54.5							
AUG 29 ERL										
H= 01 35 27.2										
LAT = 25.4 N										
LONG= 109.8 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
GULF OF CALIFORNIA										
GRF	E Z BE	P	01 48 18.0			1	9870	88.8	309.1	33.8
AUG 29										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	02 52 53.0			1				
AUG 29 ERL										
H= 03 29 23.2										
LAT = 11.0 N										
LONG= 62.3 W										
DEPTH= 70 KM										
MAGNITUDE= 5.3										
WINDWARD ISLANDS										
BNS	E Z FS	P	03 40 23.5				7630	68.6	260.9	39.5
BUH	E Z GT	P	03 40 22.5				7670	68.9	262.6	42.0
STU	+E Z BE	P	03 40 26.3	0.9	2.78	1	7740	69.6	263.4	42.0
FUR	+E Z SL	P	03 40 35.-	2.0	1.88	6	7880	70.9	265.2	42.8
GRF	E Z BE	P	03 40 35.6			1	7890	71.0	264.6	41.2
AUG 29										
NO DETERMINATION OF EPICENTER										
JH	E Z GT	PN	05 42 20.0							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
AUG 29 ERL										
H= 05 59 01.7										
LAT = 20.0 S										
LONG= 175.3 W										
DEPTH=154 KM										
MAGNITUDE= 5.4										
TONGA ISLANDS										
BNS	I Z FS	PKP	06 18 32.8	1.4	2.48		16570	149.0	4.5	357.0
	E Z FS	-	06 19 14.5							
	E Z FS	-	06 21 52.5							
HOF	+I Z SL	PKP1	06 18 34.-	1.5	2.53	9	16590	149.2	13.2	351.0
GRF	E Z BE	PKP1	06 18 29.3			1	16670	149.9	12.3	351.6
	E Z BE	-	06 18 35.1			3				
	E Z BE	PKP2	06 18 41.4			6				
STU	-E Z BE	PKP	06 18 31.0	1.1	1.73	1	16800	151.1	8.7	353.9
	BE	PKP	06 18 36.9							
	BE	PKP	06 18 45.0							
BUH	E Z GT	PKP	06 18 31.0				16820	151.2	6.9	355.2
FUR	+E Z SL	PKP1	06 18 32.-	1.5	1.28	5	16840	151.4	13.0	350.8
	+I Z SL	PKHKP	06 18 38.-	1.3	2.36	9				
	-I Z SL	PKP2	06 18 47.-	1.3	2.25	9				
	-I Z SL	-	06 19 05.-	1.5	1.54	2				
	+I Z SL	APKP	06 19 21.-	1.5	1.54	9				
AUG 29										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	14 16 04.0							
	E Z FS	-	14 16 11.0							
AUG 29 ERL										
H= 19 14 21.8										
LAT = 8.6 N										
LONG= 39.4 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.7										
CENTRAL MID-ATLANTIC RIDGE										
BNS	E Z FS	P	19 25 03.3	1.8	1.60		6330	57.0	239.0	33.2
FUR	-E Z SL	P	19 24 14.-	1.8	1.78	6	6450	58.0	244.5	37.7
GRF	E Z BE	P	19 24 18.6			1	6520	58.6	243.6	36.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 29 ERL H= 19 15 17.8 LAT = 8.5 N LONG= 39.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 CENTRAL MID-ATLANTIC RIDGE										
FUR	-E Z SL	P	19 25 09.-	1.8	1.70	5	6460	58.1	244.4	37.6
	-I Z SL	AP	19 25 18.-	1.9	1.64	1				
	+E Z SL	XP	19 25 23.-	2.0	2.10	2				
GRF	E Z BE	P	19 25 14.8			1	6530	58.7	243.5	36.0
AUG 29 NO DETERMINATION OF EPICENTER										
GRF	E Z BF	P	22 03 47.0			1				
AUG 29 ERL H= 22 05 27.1 LAT = 8.5 N LONG= 39.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 CENTRAL MID-ATLANTIC RIDGE										
FUR	+I Z SL	P	22 15 20.-	1.5	1.59	9	6470	58.2	244.4	37.6
	-E Z SL	AP	22 15 29.-	1.5	1.28	2				
	+E Z SL	PCP	22 16 13.-	1.8	1.70	2				
GRF	E Z BE	P	22 15 24.0			2	6540	58.8	243.5	36.0
AUG 30 ERL H= 00 08 23.1 LAT = 44.0 N LONG= 16.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 YUGOSLAVIA										
AUG 30 BCS H= 00 08 25.0 LAT = 44.2 N LONG= 16.3 E YUGOSLAVIA										
BCIS= FELT IN THE KNIN AREA. MAX.INT. V (ZAG).										
FUR	-I Z SL	PN	00 09 44.-	1.5	1.28	5	600	5.4	138.4	322.0
	-I Z SL	-	00 10 04.-	1.5	1.73	3				
	-I Z SL	SN	00 10 44.-	1.5	1.49	3				
	-I Z SL	SG	00 11 20.-	1.5	1.59	2				
	Z SL	MAXIMUM	00 12 00.-	1.5	1.79					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	00 10 06.0			1	730	6.6	146.9	330.5
	E N BF	S	00 11 13.4			2				
BNS	I Z FS	PN	00 10 38.0				1030	9.2	135.1	321.8
	E Z FS	-	00 12 21.-							
	E Z FS	-	00 13 28.-							
AUG 30 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	01 10 08.3							
AUG 30 NO DETERMINATION OF EPICENTER STU= SOUTHERN GERMANY, NE OF STUTTGART, H= 01 34 58.8, 48 DEG. 54 MIN. N 9 DEG. 21 MIN. E, DEPTH= 12 KM., ML= 2.0										
STU	+I Z BE	P	01 35 03.0	0.4	2.19	8				
	E BE	S	01 35 06.0							
BUH	E Z GT	PN	01 35 13.9							
AUG 30 ERL H= 05 21 15.6 LAT = 19.8 S LONG= 177.7 W DEPTH=562 KM MAGNITUDE= 4.9 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	05 40 02.1	0.7	1.30	1	16610	149.3	16.7	348.6
	E Z BE	PKP	05 42 16.2			1				
FUR	+I Z SL	PKP1	05 40 06.-	1.5	1.36	3	16770	150.8	17.6	347.6
	+E Z SL	PKHKP	05 40 15.-	1.5	1.36	3				
	-E Z SL	PKP2	05 40 21.-	1.8	1.70	2				
BUH	E Z GT	PKP	05 39 58.4				16770	150.8	11.6	351.9
AUG 30 ERL H= 10 29 51.1 LAT = 3.5 S LONG= 144.9 E DEPTH= 13 KM MAGNITUDE= 5.6 NEAR NORTH COAST OF NEW GUINEA										
BRN	+E Z ET	PP	10 49 49.2			4	13010	117.0	56.8	329.1
HLG	Z SL	PP	10 49 53.-			1	13180	118.6	50.7	332.9
HOF	-E Z SL	PP	10 50 04.-	4.0	2.80	9	13220	118.9	55.4	327.7
	-E Z SL	PPP	10 52 37.-	4.0	2.85	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
	Z SL	RM	11 40 30.-	20.0	4.38				
GRF	E Z BE	PKHKP	10 48 43.6			1	13300	119.6	56.1 327.3
	E Z BE	PKP	10 48 55.4			1			
	E Z BE	PP	10 50 03.3			1			
FUR	-E Z SL	PKP1	10 48 48.-	1.2	1.70	5	13390	120.4	56.9 325.8
	+I Z SL	PP	10 50 17.-	2.0	2.27	9			
	-I Z SL	XPP	10 50 24.-	2.0	2.27	4			
	+I Z SL	-	10 51 14.-	2.0	2.24	9			
	Z SL	RM	11 43 00.-	20.0	4.33				
BNS	I Z FS	PP	10 49 46.5	1.8	1.60		13450	120.9	51.5 330.3
	E Z SL	PPP	10 52 50.-						
	E Z SL	-	11 00 00.-						
	E Z SL	-	11 01 29.-						
	E Z SL	LR	11 27 45.-	64.0					
	Z SL	-	11 42 30.-	20.0					
STU	-E Z BE	PKP	10 48 46.2	0.9	1.72	3	13480	121.2	54.5 327.3

AUG 30
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	E Z FS	PG	12 53 08.0
	I N X	SG	12 53 13.5
	E Z FS	-	12 53 18.-

AUG 30 ERL
H= 15 14 09.9
LAT = 36.7 N
LONG= 96.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.5
TSINGHAI PROVINCE, CHINA

GRF	E Z BE	P	15 24 17.0	1.1	1.74	2	6700	60.3	67.2 311.8
	+I Z BE	-	15 24 19.2			2			
	E Z BE	-	15 24 30.3			2			
FUR	+E Z SL	P	15 24 20.-	1.3	1.59	5	6770	60.8	66.5 310.2
	+I Z SL	-	15 24 23.-	1.5	2.19	6			
	+I Z SL	AP	15 24 29.-	1.5	2.06	2			
	+I Z SL	PCP	15 25 04.-	1.5	1.59	5			
	Z SL	RM	15 52 00.-	15.0	3.38				
STU	+E Z BE	P	15 24 23.1	0.9	1.02	2	6880	61.9	65.5 311.5
BNS	E Z FS	P	15 24 30.-	1.2	1.60		6910	62.1	65.3 314.3
	E Z FS	-	15 24 36.3						
BUH	E Z GT	P	15 24 31.0				6950	62.5	64.9 311.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.

AUG 30 ERL
H= 18 47 42.6
LAT = 36.6 N
LONG= 96.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.5
TSINGHAI PROVINCE, CHINA

HOF	+E Z SL	P	18 57 46.-	1.5	1.87	3	6640	59.7	68.1 312.3
	+E Z SL	AP	18 57 53.-	1.5	2.09	5			
GRF	+I Z BE	P	18 57 50.9	0.9	1.97	4	6710	60.3	67.4 311.9
	E Z BE	-	18 57 56.2			1			
FUR	+I Z SL	P	18 57 58.-	1.3	2.36	8	6770	60.9	66.6 310.2
	+I Z SL	AP	18 58 05.-	1.8	2.60	4			
	+I Z SL	PP	19 00 12.-	2.0	2.10	3			
	+I Z SL	APP	19 00 19.-	2.0	2.10	9			
	Z SL	RM	19 25 30.-	15.0	3.95				
STU	+E Z BE	P	18 58 01.2	1.4	2.07	4	6880	61.9	65.7 311.5
BNS	I Z FS	P	18 58 02.9	1.6	1.70		6920	62.2	65.5 314.4
	I Z FS	-	18 58 09.4						
BUH	E Z GT	P	18 58 04.8				6950	62.5	65.0 311.7

AUG 30 ERL
H= 18 51 34.8
LAT = 36.7 N
LONG= 96.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.5
TSINGHAI PROVINCE, CHINA

GRF	E Z BE	P	19 01 41.8	0.9	1.93	1	6700	60.2	67.3 311.8
	E Z BE	-	19 01 48.6			1			
FUR	+E Z SL	P	19 01 49.-	1.5	2.14	9	6750	60.8	66.6 310.2
	-I Z SL	AP	19 01 56.-	2.0	2.40	2			
	-I Z SL	XP	19 02 01.-	1.5	1.62	9			
	+I Z SL	-	19 02 08.-	1.5	1.76	5			
	+I Z SL	APCP	19 02 42.-	1.5	1.54	3			
	Z SL	RM	19 29 30.-	15.0	3.88				
STU	-E Z BE	P	19 01 52.4	1.2	2.11	4	6870	61.8	65.6 311.4
BNS	I Z FS	P	19 01 53.3	1.7	1.85		6900	62.1	65.5 314.3
BUH	E Z GT	P	19 01 55.9				6940	62.4	65.0 311.6

AUG 30
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	20 18 23.8	0.6	0.82	1			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
AUG 31 ERL H= 02 24 09.6 LAT = 13.3 N LONG= 88.5 W DEPTH= 50 KM MAGNITUDE= 5.4 EL SALVADOR										
BNS	E Z FS	P	02 36 31.7	1.2	1.60		9270	83.4	282.7	39.3
	E Z FS	-	02 36 49.3							
BUH	E Z GT	P	02 36 37.0				9400	84.5	283.8	41.4
GRF	E Z BE	P	02 36 46.2	1.7	1.88	1	9580	86.2	285.9	39.9
	E Z BF	PCP	02 37 05.2			2				
	E Z BE	PP	02 40 31.0			1				
FUR	+E Z SL	-	02 39 50.-	2.0	1.80	3	9630	86.6	286.0	41.4
	+E Z SL	PP	02 40 22.-	2.0	2.05	9				
	-I Z SL	APP	02 40 40.-	2.0	2.18	2				
AUG 31 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	03 38 31.2							
AUG 31 ERL H= 05 34 47.4 LAT = 21.2 S LONG= 179.2 W DEPTH=625 KM (GEOPHYSICIST) MAGNITUDE= 4.8 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	05 53 30.8				16720	150.4	19.9	346.3
AUG 31 ERL H= 08 07 22.5 LAT = 35.9 N LONG= 136.7 E DEPTH= 24 KM MAGNITUDE= 5.5 SOUTHERN HONSHU, JAPAN										
HOF	-E Z SL	P	08 19 39.-	4.0	2.45	4	9050	81.4	42.4	327.8
	Z SL	RM	09 00 30.-	13.0	3.59					
GRF	E Z BE	P	08 19 42.6			1	9130	82.1	41.9	327.7
	E Z BE	-	08 19 45.8			1				
	E Z BE	-	08 20 03.5			1				
BNS	+I Z FS	P	08 19 45.5	2.5	1.90		9210	82.8	39.1	330.6
	E Z FS	-	08 21 10.-							
FUR	-I Z SL	P	08 19 48.-	2.6	2.29	8	9250	83.2	41.8	326.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	PCP	08 19 54.-	1.3	1.89	2				
	-I Z SL	XPCP	08 20 10.-	1.5	1.59	3				
	N SL	RM	08 54 30.-	16.0	3.89					
BUH	E Z GT	P	08 19 52.5				9360	84.2	39.7	328.6
AUG 31 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	10 17 30.-	1.5	1.43	2				
AUG 31 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	10 48 43.-	1.5	1.36					
AUG 31 NO DETERMINATION OF EPICENTER										
GRF	E Z JM	PN	12 55 36.6			1				
	E Z BE	PG	12 55 39.1			2				
	E E BE	SG	12 56 00.1			3				
AUG 31 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	P	13 53 51.-	1.5	1.49	8				
AUG 31 ERL H= 14 03 16.3 LAT = 52.3 N LONG= 95.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 CENTRAL RUSSIA										
HOF	Z SL	RM	14 37 30.-	10.0	3.33		5500	49.4	53.4	303.0
GRF	E Z BE	P	14 12 10.7	1.0	2.20	4	5580	50.1	52.7	302.7
	+I Z BE	-	14 12 14.5			5				
FUR	+I Z SL	P	14 12 17.-	1.3	2.40	9	5680	51.0	51.7	301.1
	-I Z SL	XP	14 12 28.-	1.7	1.86	5				
	-E Z SL	-	14 12 54.-	2.0	1.21	9				
	-I Z SL	PCP	14 13 33.-	1.7	1.99	2				
	+E Z SL	PP	14 14 10.-	2.0	1.94	4				
	+I Z SL	APP	14 14 22.-	1.7	1.91	5				
	-I Z SL	PPP	14 15 14.-	1.5	1.59	2				
	Z SL	RM	14 36 00.-	10.0	3.30					
BNS	E Z FS	P	14 12 18.5	1.2	2.00		5720	51.4	51.7	306.0
	E Z FS	-	14 14 51.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
STU	+E Z BE	P	14 12 22.0	1.0	2.60	3	5750	51.7	51.2	302.8
BUH	E Z GT	P	14 12 26.1				5820	52.3	50.8	303.2

AUG 31
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	E Z FS	PG	15 03 05.-			
	E N X	SG	15 03 25.5			
	E Z FS	-	15 03 41.-	1.5	1.85	

AUG 31
NO DETERMINATION OF EPICENTER

BNS= RHEINLAND, GERMANY. H= 15 36 51, M(LOCAL)= 2.3

BNS	-E Z FS	PG	15 36 57.7			
	I N X	SG	15 37 02.4	0.6	2.26	
	E E X	-	15 37 02.8	0.6	2.57	
	E Z FS	-	15 37 03.2	0.6	2.20	

AUG 31
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	16 02 10.0			1
	E N BE	S	16 02 45.0			1

AUG 31
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	17 52 48.5			

AUG 31
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	19 11 18.5			

SEP 01
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	09 52 01.5			
	I Z FS	-	09 52 03.8	1.4	2.04	

SEP 01
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	11 31 21.-	1.5	1.18	4
	-E Z SL	-	11 31 28.-	1.8	1.70	2
	-I Z SL	-	11 31 36.-	1.8	1.78	6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

SEP 01 ERL
H= 12 47 14.2
LAT = 15.0 S
LONG= 167.3 E
DEPTH=130 KM
MAGNITUDE= 5.6
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP2	13 06 22.8			1	15600	140.3	37.8	335.7
BNS	E Z FS	PKP	13 06 16.5				15650	140.7	31.2	340.2
	E Z FS	-	13 06 30.5							
FUR	+E Z SL	PKP1	13 06 27.-	1.5	2.05	9	15730	141.4	39.0	334.1
	-E Z SL	APKP	13 06 58.-	2.0	1.94	2				
	-I Z SL	XPKP	13 07 14.-	1.7	1.81	2				
	+I Z SL	-	13 07 42.-	1.8	2.00	5				
	-E Z SL	PP	13 09 32.-	1.5	1.59	3				
BUH	E Z GT	PKP	13 06 28.9				15820	142.3	34.3	337.3

SEP 01 ERL
H= 14 30 50.6
LAT = 51.4 N
LONG= 178.1 W
DEPTH= 63 KM
MAGNITUDE= 5.2
ANDREANOF ISLANDS, ALEUTIAN IS.

NOS= MINOR DAMAGE (IV) ON ADAK.

GRF	E Z BE	P	14 42 50.0			1	8780	79.0	6.0	353.8

SEP 01
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	15 50 33.9			1
	E Z BE	PG	15 50 34.0			1
	E E GT	SN	15 50 51.4			1
	E E GT	SG	15 50 52.0			2

SEP 01 NFB
H= 16 05 01.3
LAT = 50.5 N
LONG= 10.0 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT HILDERS/RHOEN. SHOTPOINT NO. 2
H= 16 05 01.25, 50 DEG. 32 MIN. 33.6 SEC. N, 10 DEG. 02 MIN. 22.8 SEC. E
HEIGHT= 730 METERS, CHARGE= 12.2 TONS

GRF	E Z BE	PG	16 05 23.3			2	130	1.1	318.8	137.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z BE	SG	16 05 39.5			1				
BNS	E Z FS	-	16 06 26.-				210	1.9	102.0	284.2
BUH	E Z GT	PN	16 05 36.5				250	2.2	31.5	212.9
FUR	+E Z SL	PG	16 05 59.-	1.5	1.28	3	280	2.5	341.7	160.7
	Z SL	MAXIMUM	16 06 52.-	1.8	2.00					

SEP 02 ERL
H= 01 49 36.8
LAT = 29.4 N
LONG= 130.5 E
DEPTH= 41 KM
MAGNITUDE= 6.1
RYUKYU ISLANDS

BRN	+I Z ET	P	02 01 55.8			4	9110	81.9	51.5	326.7
	+I Z ET	AP	02 02 09.7			8				
	+E Z ET	S	02 12 08.5			9				
HLG	+ Z SL	P	02 02 01.-			2	9260	83.2	47.7	330.1
HOF	+I Z SL	P	02 02 05.-	2.0	2.80	9	9330	83.9	50.4	325.5
	+I Z SL	PCP	02 02 13.-	3.0	2.71	3				
	+I Z SL	APCP	02 02 20.-	2.0	2.98	9				
	+I Z SL	XPCP	02 02 28.-	3.0	2.89	9				
	+I Z SL	-	02 02 34.-	2.0	2.88	5				
	Z SL	RM	02 43 30.-	18.0	4.53					
GRF	E Z BE	P	02 02 08.1	1.3	2.88	1	9410	84.6	49.9	325.3
FUR	+I Z SL	P	02 02 14.-	1.5	2.53	9	9520	85.6	49.8	324.1
	+I Z SL	AP	02 02 25.-	1.5	1.62	4				
	-I Z SL	-	02 05 24.-	2.0	2.40	1				
	+I Z SL	PP	02 05 37.-	2.0	2.24	2				
	+I Z SL	XPP	02 05 55.-	2.0	1.18	2				
	-E Z SL	SKS	02 12 43.-	4.6	3.09	9				
	Z SL	RM	02 45 00.-	18.0	4.22					
TNS	1I Z SL	P	02 02 15.0			5	9520	85.6	47.9	326.9
	2E E SL	SKS	02 12 33.0			6				
	E E SL	S	02 13 40.0			7				
BNS	+E Z FS	P	02 02 12.7				9530	85.7	47.0	328.0
	+I Z FS	-	02 02 14.5	2.6	2.63					
	+I Z SL	-	02 02 14.5	8.0						
	E Z FS	PP	02 05 32.7							
	+E Z SL	S	02 12 32.-	15.0						
	E Z SL	SS	02 18 48.-	44.0						
	E Z SL	LR	02 36 00.-	30.0						
	Z SL	-	02 44 50.-	20.0						
STU	+E Z BE	P	02 02 16.0	1.1	2.16	4	9590	86.3	48.3	325.5
	E SL	S	02 12 40.0							
BUH	E Z GT	P	02 02 19.5				9650	86.8	47.6	325.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

SEP 02 ERL
H= 02 07 43.8
LAT = 24.5 N
LONG= 122.4 E
DEPTH= 91 KM
MAGNITUDE= 5.5
TAIWAN REGION

GRF	E Z BE	AP	02 20 33.0			1	9370	84.3	58.6	322.5
FUR	-E Z SL	-	02 20 17.-	1.5	1.28	1	9460	85.0	58.5	321.2
	+I Z SL	XP	02 20 39.-	1.5	1.54	2				

SEP 02
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	02 12 47.0							
	E Z FS	-	02 13 31.5							
FUR	-I Z SL	-	02 13 31.-	1.5	1.49	2				
	-I Z SL	-	02 13 39.-	1.5	1.59	9				

SEP 02 ERL
H= 02 42 21.7
LAT = 48.8 N
LONG= 156.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
KURIL ISLANDS REGION

BNS	E Z FS	P	02 54 13.5	1.3	1.60		8590	77.2	20.3	340.7
	E Z FS	-	02 54 26.-							
GRF	E Z BE	P	02 54 15.4	1.2	2.04	2	8610	77.4	22.7	337.7
	E Z BE	PCP	02 54 28.3			2				
FUR	-I Z SL	P	02 54 23.-	1.5	1.76	5	8770	78.8	22.6	337.1
	-I Z SL	XP	02 54 35.-	1.7	2.09	3				
BUH	E Z GT	P	02 54 23.9				8800	79.1	20.8	339.2

SEP 02 ERL
H= 03 42 55.0
LAT = 48.7 N
LONG= 156.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
KURIL ISLANDS REGION

GRF	E Z BE	P	03 54 49.3			2	8620	77.5	22.7	337.7
	E Z BE	PCP	03 55 00.7			1				
FUR	-E Z SL	APCP	03 55 08.-	1.9	1.05	9	8770	78.9	22.6	337.1
BUH	E Z GT	P	03 55 11.0				8800	79.2	20.7	339.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
SEP 02 ERL										
H= 03 49 06.0										
LAT = 48.9 N										
LONG= 156.2 E										
DEPTH= 47 KM										
MAGNITUDE= 4.9										
KURIL ISLANDS REGION										
							8570	77.0	20.4	340.5
BNS	E Z FS	P	04 00 55.5							
						1	8590	77.3	22.8	337.5
GRF	E Z BE	P	04 00 57.9	0.9	1.65	1				
	E Z BE	PCP	04 01 09.2			1				
						4	8750	78.7	22.7	336.9
FUR	-E Z SL	P	04 01 06.-	1.5	1.18	4				
	+I Z SL	XP	04 01 18.-	1.7	1.91	3				
							8780	78.9	20.9	339.0
BUH	E Z GT	P	04 01 06.5							
SEP 02 ERL										
H= 04 15 47.7										
LAT = 22.1 S										
LONG= 179.7 W										
DEPTH=591 KM										
MAGNITUDE= 4.9										
SOUTH OF FIJI ISLANDS										
						1	16810	151.2	21.3	345.3
GRF	E Z BE	PKP	04 34 36.0			2				
	E Z BE	PKP2	04 34 47.2			1				
	E Z BE	APKP	04 36 18.4							
						7	16970	152.6	22.5	344.0
FUR	+E Z SL	PKP1	04 34 39.-	1.8	1.85	9				
	+I Z SL	PKP2	04 34 53.-	1.5	1.70					
							16990	152.8	16.2	348.5
BUH	E Z GT	PKP	04 34 31.6							
SEP 02 ERL										
H= 05 27 15.4										
LAT = 22.0 S										
LONG= 170.0 E										
DEPTH= 34 KM										
MAGNITUDE= 4.8										
LOYALTY ISLANDS REGION										
						1	16420	147.7	39.0	333.9
GRF	E Z BE	PKP	05 46 58.5							
						2	16550	148.8	40.7	332.0
FUR	+I Z SL	PKP1	05 47 03.-	1.9	1.95	2				
	-I Z SL	PKHKP	05 47 05.-	1.7	1.81	3				
	-E Z SL	PKP2	05 47 14.-	1.5	1.28					
							16640	149.7	35.2	335.7
BUH	E Z GT	PKP	05 47 03.0							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
SEP 02 ERL										
H= 06 04 24.2										
LAT = 40.8 N										
LONG= 142.0 E										
DEPTH= 78 KM										
MAGNITUDE= 4.4										
NEAR EAST COAST OF HONSHU, JAPAN										
						1	8900	80.0	35.7	330.0
GRF	E Z BE	P	06 16 27.8			1				
	E Z BE	AP	06 16 44.1							
SEP 02 ERL										
H= 08 56 57.6										
LAT = 50.0 N										
LONG= 77.7 E										
DEPTH= 0 KM (GEOPHYSICIST)										
MAGNITUDE= 5.1										
EASTERN KAZAKH SSR										
						1	4630	41.6	63.1	296.2
GRF	E Z BE	P	09 04 49.5							
SEP 02										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	13 38 47.-	1.5	1.28	5				
SEP 02 BCS										
H= 14 53 49.0										
LAT = 31.3 N										
LONG= 16.2 E										
NEAR COAST OF LIBYA										
SEP 02 ERL										
H= 14 53 51.4										
LAT = 31.5 N										
LONG= 16.3 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.0										
NEAR COAST OF LIBYA										
BNS= MPV= 5.3										
						9	1920	17.3	165.7	348.8
FUR	-I Z SL	P	14 57 49.-	2.0	2.48	3				
	+I Z SL	AP	14 57 55.-	1.5	2.16	3				
	-I Z SL	PP	14 58 04.-	1.3	2.54	3				
	-I Z SL	-	14 58 34.-	1.8	2.53	2				
	+I Z SL	S	15 01 07.-	2.6	2.82	4				
	+I Z SL	SS	15 01 15.-	1.8	2.48	5				
	+I Z SL	SSS	15 01 27.-	1.5	1.76	2				
	+I Z SL	-	15 01 46.-	1.5	1.89					
	Z SL	RM	15 06 30.-	13.0	4.16					
						1	2030	18.2	160.5	345.1
STU	+E Z BE	P	14 58 02.6	0.5	1.34					
	-E Z BE	P	14 58 04.6	1.0	1.97					

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+E E BF	S	15 01 20.2							
BUH	E Z GT	P	14 57 59.9				2040	18.4	157.9	343.0
KRL	-I Z WH	P	14 58 08.0	4.0		9	2070	18.6	158.7	343.8
	+I Z WH	S	15 01 34.0			9				
GRF	E Z BE	P	14 58 07.9	0.9	1.59	1	2090	18.8	166.6	349.9
	E Z BE	-	14 58 11.3			1				
	E Z BE	-	14 58 14.8			1				
HOF	+E Z SL	P	14 58 16.-	1.5	2.09	5	2140	19.3	168.7	351.6
	-I Z SL	AP	14 58 22.-	3.0	2.71	3				
	-I Z SL	PP	14 58 28.-	2.0	2.50	9				
	-I Z SL	PPP	14 58 38.-	4.0	2.85	9				
	+I Z SL	-	14 58 51.-	1.5	2.34	9				
	+E Z SL	XS	15 01 50.-	4.0	2.93	9				
	-E Z SL	SS	15 02 05.-	2.0	2.50	9				
	+E Z SL	SSS	15 02 15.-	3.0	2.61	2				
	-E Z SL	-	15 02 34.-	4.0	2.89	2				
	-E Z SL	-	15 03 32.-	5.5	3.15	3				
	Z SL	RM	15 07 20.-	14.0	4.12					
TNS	2I Z SL	P	14 58 20.0			6	2200	19.8	160.0	345.2
	E Z SL	PP	14 58 45.0			2				
	1I Z SL	S	15 01 56.0			9				
BNS	-I Z FS	P	14 58 30.3	1.4	2.32		2310	20.8	157.7	343.7
	-E Z SL	-	14 58 31.-							
	I Z FS	-	14 59 04.5							
	E N X	S	15 02 18.-							
	I Z SL	-	15 02 20.-							
	E Z SL	LR	15 04 00.-	34.0						
	Z SL	-	15 08 00.-	16.0						
BRN	+E Z ET	P	14 58 36.-			1	2360	21.2	172.9	354.9
	-I Z ET	AP	14 58 46.0			2				
HLG	Z SL	P	14 59 00.-			1	2630	23.6	162.0	347.8

SEP 02 ERL
H= 18 29 43.3
LAT = 48.8 N
LONG= 156.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
KURIL ISLANDS REGION

GRF	E Z BE	P	18 41 37.2	0.9	1.19	1	8610	77.5	22.8	337.7
	E Z BE	PCP	18 41 49.6			1				
FUR	-E Z SL	P	18 41 45.-	1.5	1.28	3	8770	78.9	22.7	337.0
	+E Z SL	XP	18 41 58.-	2.0	1.94	1				

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

SEP 02 ERL
H= 18 32 32.1
LAT = 48.9 N
LONG= 156.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
KURIL ISLANDS REGION

GRF	E Z BE	P	18 44 25.5	0.8	1.09	1	8600	77.3	22.7	337.6
	E Z BE	PCP	18 44 38.4							
FUR	-E Z SL	P	18 44 35.-	1.5	1.28	3	8750	78.7	22.7	337.0
	+I Z SL	XP	18 44 48.-	1.5	1.43	4				

SEP 02 ERL
H= 18 50 37.5
LAT = 49.0 N
LONG= 156.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.2
KURIL ISLANDS

GRF	E Z BE	P	19 02 30.0			1	8590	77.3	22.7	337.6

SEP 02 ERL
H= 19 12 26.8
LAT = 35.5 N
LONG= 140.9 E
DEPTH= 54 KM
MAGNITUDE= 4.7
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	19 24 53.8	1.2	1.49	1	9360	84.1	39.1	329.8
FUR	-I Z SL	P	19 25 00.-	1.5	1.36	1	9490	85.3	39.1	328.8
	-E Z SL	AP	19 25 12.-	1.5	1.28	1				

SEP 03 ERL
H= 00 17 43.1
LAT = 6.1 S
LONG= 152.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
NEW BRITAIN REGION

FUR	+E Z SL	PKP1	00 36 45.-	2.0	1.88	1	14110	126.8	50.7	328.6

SEP 03
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	00 42 46.8							
FUR	-E Z SL	-	00 43 20.-	1.0	1.98	3				
	-I Z SL	-	00 43 48.-	1.5	1.36	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 03 ERL										
H= 06 31 21.6										
LAT = 5.6 S										
LONG= 151.3 E										
DEPTH= 45 KM										
MAGNITUDE= 5.4										
NEW BRITAIN REGION										
HOF	+E Z SL	XPP	06 52 11.-	2.0	2.10	4	13780	123.9	51.3	329.8
	+E Z SL	-	06 52 20.-	5.0	2.71	3				
	-E Z SL	-	06 53 28.-	4.0	2.55	3				
	Z SL	RM	07 49 30.-	18.0	3.81					
GRF	E Z BE	PKP	06 50 21.5			1	13860	124.7	51.0	329.5
FUR	-E Z SL	PKP1	06 50 20.-	1.5	1.28	1	13960	125.6	51.9	328.1
	-I Z SL	-	06 50 26.-	1.9	2.00	5				
	+E Z SL	APKP	06 50 29.-	1.7	1.76	1				
	+I Z SL	-	06 50 41.-	2.0	2.21	3				
	-E Z SL	PP	06 52 19.-	1.5	1.43	1				
	-E Z SL	APP	06 52 25.-	2.0	2.10	2				
	Z SL	QM	07 33 00.-	55.0	3.80					
BNS	E Z FS	PKP	06 50 19.8	1.8	1.60		13980	125.8	46.0	332.8
	E Z FS	PP	06 52 21.-							
	E Z SL	SP	07 02 10.-							
	E Z SL	LR	07 31 40.-	60.0						
BUH	E Z GT	PKP	06 50 21.6				14100	126.8	48.4	330.2
SEP 03 ERL										
H= 07 55 59.1										
LAT = 5.6 S										
LONG= 151.2 E										
DEPTH= 49 KM										
MAGNITUDE= 5.2										
NEW BRITAIN REGION										
GRF	E Z BE	PKP	08 14 56.1			1	13870	124.7	51.1	329.5
FUR	-E Z SL	PKP1	08 14 58.0	1.5	1.28	3	13970	125.6	52.0	328.0
	-E Z SL	XPKP	08 15 14.-	1.9	1.75	5				
	-I Z SL	-	08 16 45.-	2.0	2.10	9				
BUH	E Z GT	PKP	08 14 58.8				14110	126.8	48.5	330.1
SEP 03 ERL										
H= 08 38 43.2										
LAT = 39.2 N										
LONG= 28.1 E										
DEPTH= 16 KM										
MAGNITUDE= 4.6										
TURKEY										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 03 BCS										
H= 08 38 45.0										
LAT = 39.1 N										
LONG= 28.1 E										
TURKEY										
BCIS= FELT (ISK).										
FUR	-E Z SL	P	08 42 18.-	2.0	1.80	5	1680	15.1	120.3	312.0
	-I Z SL	-	08 42 20.-	1.8	2.00	2				
	-I Z SL	XP	08 42 24.-	2.0	2.33	4				
	+I Z SL	PP	08 42 27.-	1.9	2.12	2				
	+I Z SL	PPP	08 42 37.-	1.5	1.36	6				
	+I Z SL	-	08 42 49.-	1.9	1.89	2				
	+E Z SL	-	08 42 56.-	2.0	2.05	3				
	-I Z SL	SS	08 45 20.-	2.0	1.94	7				
	+E Z SL	XPCP	08 47 28.-	3.5	2.78	5				
	Z SL	RM	08 50 00.-	10.0	3.30					
GRF	E Z BE	P	08 42 28.1			1	1780	15.0	124.8	316.7
	E Z BE	-	08 42 33.9			5				
HOF	+I Z SL	P	08 42 34.-	1.5	2.09	5	1780	16.0	128.0	319.5
STU	-E Z BE	P	08 42 36.5	1.1	1.55	1	1850	16.5	118.2	311.4
BUH	E Z GT	P	08 42 43.0				1910	17.2	116.3	310.2
BNS	I Z FS	P	08 43 05.5	1.5	1.90		2100	18.9	120.7	315.6
SEP 03 ERL										
H= 16 04 40.1										
LAT = 6.0 S										
LONG= 152.8 E										
DEPTH= 48 KM										
MAGNITUDE= 5.3										
NEW BRITAIN REGION										
GRF	E Z BE	PKP	16 23 38.6			1	13990	125.8	49.6	330.2
	E Z BE	-	16 23 43.0			1				
	E Z BE	-	16 23 51.2			1				
FUR	+I Z SL	PKP1	16 23 42.-	1.8	2.00	2	14090	126.7	50.5	328.7
	+E Z SL	APKP	16 23 54.-	1.3	1.59	5				
BNS	E Z FS	PKP	16 23 41.5	1.5	1.48		14100	126.8	44.5	333.5
BUH	E Z GT	PKP	16 23 42.8				14220	127.9	46.9	330.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 03 ERL H= 16 48 28.8 LAT = 36.0 N LONG= 73.4 E DEPTH= 36 KM MAGNITUDE= 6.3 NORTHWESTERN KASHMIR										
NOS= 100 KILLED, 1000 HOMES DESTROYED IN TANGIR-GUPIS AREA. FELT (IV) KABUL, AFGHANISTAN-RAWALPINDI, AND WEST PAKISTAN AREA. MPV= 6.7 (BNS)										
						9	4990	44.8	86.8	311.1
BRN	+I Z ET	P	16 56 41.4			9	5100	45.8	83.7	308.2
HOF	+I Z SL	P	16 56 48.-	1.5	2.82	9				
	-I Z SL	-	16 56 50.-	1.5	2.79	1				
	+I Z SL	-	16 56 53.-	2.0	3.48	4				
	-E Z SL	AP	16 56 57.-	2.0	2.80	1				
	+I Z SL	XP	16 57 03.-	2.0	3.20	3				
	-I Z SL	PCP	16 58 28.-	2.0	2.95	3				
	+I Z SL	PP	16 58 35.-	2.6	2.93	9				
	+I Z SL	APP	16 58 44.-	2.0	2.90	4				
	+I Z SL	PPP	16 59 14.-	1.5	2.53	9				
	-I Z SL	-	16 59 41.-	6.0	3.05	9				
	+E Z SL	-	17 03 38.-	6.0	3.01	9				
	Z SL	RM	17 19 16.-	11.0	4.36					
GRF	+I Z BE	P	16 56 53.3	1.4	3.38	9	5150	46.3	82.7	307.4
	+I Z BE	-	16 57 45.3			1				
	E Z BE	PCP	16 58 30.0			1				
	E Z BE	SSS	17 08 37.0			1				
FUR	+I Z SL	P	16 56 53.-	1.5	2.69	9	5170	46.5	81.3	305.3
	+I Z SL	PCP	16 58 25.-	1.8	2.78	9				
	-I Z SL	PP	16 58 41.-	1.5	2.47	3				
	+I Z SL	S	17 03 46.-	2.0	2.27	4				
	+I Z SL	SP	17 03 58.-	1.5	1.89	2				
	-I Z SL	X2S	17 06 26.-	4.0	3.07	4				
	N SL	RM	17 19 30.-	21.0	5.46					
STU	+E Z BE	P	16 57 03.7	1.5	3.16	6	5310	47.8	80.5	306.4
	Z SL	-	16 58 56.0							
HLG	+I Z SL	P	16 57 05.0			9	5320	47.9	84.4	313.8
	+I Z X	P	16 57 05.0			5				
	+I Z SL	PP	16 58 57.-			2				
	+I Z X	PP	16 59 00.-			2				
KRL	+I Z WH	P	16 57 08.0	2.0		9	5370	48.2	80.2	306.9
	-I Z WH	PP	16 59 03.0	2.0		9				
	+I Z WH	S	17 04 14.0			9				
BUH	+I Z GT	P	16 57 08.4				5390	48.4	79.8	306.5
BOC	+E Z B4	P	16 57 10.6	1.8	3.52	2	5410	48.6	81.5	310.3
BNS	+I Z FS	P	16 57 10.8	1.5	3.10		5420	48.7	81.1	309.6
	+I Z SL	-	16 57 11.-	7.0						
	+I Z SL	PP	16 59 06.-							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
E Z SL	S		17 04 20.-							
E Z SL	SS		17 08 04.-							
E Z SL	LR		17 12 36.-	44.0						
Z SL	-		17 20 00.-	12.0						
SEP 03 ERL H= 17 09 18.9 LAT = 36.0 N LONG= 73.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	17 17 43.0			1	5150	46.3	82.7	307.4
SEP 03 ERL H= 17 46 17.2 LAT = 36.0 N LONG= 73.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	17 54 41.0			1	5140	46.2	82.7	307.4
TNS	1I Z SL	P	17 55 06.0			9	5330	47.9	81.3	308.4
	1I Z SL	PP	17 56 57.0			9				
	E N SL	S	18 02 06.0			5				
SEP 03 ERL H= 23 03 52.1 LAT = 35.9 N LONG= 73.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.6 NORTHWESTERN KASHMIR										
HOF	-E Z SL	P	23 12 11.-	2.0	1.98	3	5090	45.8	83.9	308.2
	+E Z SL	-	23 12 15.-	2.0	2.20	2				
GRF	+E Z BE	P	23 12 17.0	1.3	2.19	4	5150	46.3	82.9	307.5
	E Z BE	PCP	23 13 51.0			1				
FUR	+I Z SL	P	23 12 18.-	1.2	2.45	9	5160	46.4	81.5	305.4
	-I Z SL	-	23 12 36.-	1.5	1.59	9				
	-E Z SL	PCP	23 13 52.-	1.5	1.76	9				
	-I Z SL	APP	23 14 08.-	2.0	2.05	2				
	-I Z SL	XPP	23 14 14.-	1.9	2.05	9				
	-E Z SL	-	23 14 58.-	1.5	1.54	2				
STU	+E Z BE	P	23 12 27.1	1.0	2.10	3	5310	47.7	80.7	306.5
BUH	+E Z GT	P	23 12 32.2				5380	48.4	79.9	306.5
BNS	+I Z FS	P	23 12 34.8	1.8	2.26		5410	48.7	81.2	309.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z FS	-	23 12 43.2							
SEP 04 ERL H= 00 05 51.4 LAT = 41.6 N LONG= 141.9 E DEPTH= 76 KM MAGNITUDE= 5.3 HOKKAIDO, JAPAN REGION										
GRF	E Z BE	P	00 17 50.8	0.8	1.57	1	8820	79.3	35.4	329.9
BNS	I Z FS	P	00 17 53.3				8870	79.7	32.8	332.8
	E Z FS	-	00 18 40.-							
FUR	-E Z SL	P	00 17 58.-	1.5	1.36	1	8960	80.6	35.3	329.0
	-I Z SL	AP	00 18 16.-	1.5	1.43	1				
	-I Z SL	APCP	00 18 24.-	1.5	1.43	7				
	+I Z SL	XP	00 18 27.-	1.5	1.43	2				
BUH	E Z GT	P	00 18 01.7				9040	81.3	33.3	331.0
SEP 04 ERL H= 00 14 10.0 LAT = 35.9 N LONG= 73.4 E DEPTH= 55 KM MAGNITUDE= 5.5 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	00 22 32.2			1	5150	46.3	82.8	307.5
SEP 04 ERL H= 00 50 26.7 LAT = 36.0 N LONG= 73.3 E DEPTH= 68 KM MAGNITUDE= 5.3 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	00 58 47.3	1.2	1.67	2	5140	46.2	82.8	307.4
	E Z BE	-	00 58 57.4			1				
FUR	+E Z SL	P	00 58 47.-	1.0	2.28	9	5160	46.4	81.4	305.3
	-I Z SL	-	00 58 51.-	1.5	1.49	8				
	+I Z SL	PP	01 00 40.-	2.0	2.00	3				
BUH	E Z GT	P	00 59 02.4				5370	48.3	79.9	306.4
BNS	+I Z FS	P	00 59 04.8	1.5	1.60		5410	48.6	81.2	309.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 04 ERL H= 01 23 49.5 LAT = 35.8 N LONG= 73.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	01 32 15.9	1.2	1.79	2	5160	46.4	82.9	307.5
FUR	-I Z SL	P	01 32 17.-	1.2	2.20	9	5180	46.5	81.5	305.5
STU	-E Z BE	P	01 32 26.3	1.0	1.91	2	5320	47.8	80.7	306.6
BUH	E Z GT	P	01 32 31.0				5390	48.5	80.0	306.6
BNS	E Z FS	P	01 32 33.5	1.5	1.70		5420	48.8	81.3	309.7
SEP 04 ERL H= 02 36 17.1 LAT = 35.9 N LONG= 73.3 E DEPTH= 30 KM MAGNITUDE= 5.2 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	02 44 42.7			2	5150	46.3	82.8	307.5
	E Z BE	-	02 44 51.6			2				
	E Z BE	PCP	02 46 16.6			1				
FUR	+E Z SL	P	02 44 43.-	1.9	2.12	9	5170	46.5	81.4	305.4
	+I Z SL	AP	02 44 49.-	1.7	1.86	2				
	-E Z SL	PCP	02 46 14.-	1.9	1.83	6				
BUH	E Z GT	P	02 44 58.1				5380	48.4	79.9	306.5
BNS	E Z FS	P	02 45 00.-				5420	48.7	81.2	309.7
SEP 04 ERL H= 03 51 20.9 LAT = 35.9 N LONG= 73.5 E DEPTH= 35 KM MAGNITUDE= 5.3 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	03 59 46.3	1.2	1.67	2	5160	46.4	82.7	307.5
FUR	-I Z SL	P	03 59 47.-	2.0	2.24	5	5180	46.6	81.3	305.4
	-I Z SL	AP	03 59 56.-	2.0	2.05	3				
	+E Z SL	-	04 00 06.-	2.0	1.88	3				
BUH	E Z GT	P	04 00 01.1				5390	48.5	79.8	306.5
BNS	E Z FS	P	04 00 03.5	2.0	1.85		5420	48.8	81.1	309.7

SEP 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 04 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	04 51 04.-	1.5	1.36	1				
SEP 04 BCS H= 07 00 00.0 LAT = 67.6 N LONG= 32.5 E WESTERN RUSSIA										
SEP 04 ERL H= 07 00 03.6 LAT = 67.7 N LONG= 33.4 E DEPTH= 7 KM MAGNITUDE= 4.6 WESTERN RUSSIA										
BCIS= PROBABLY ARTIFICIAL (UPP).										
GRF	E Z BE	P	07 04 53.2			1	2320	20.9	23.0	221.4
FUR	+E Z SL	P	07 05 08.-	1.6	1.18	3	2480	22.3	21.5	219.7
BUH	E Z GT	P	07 05 10.6				2510	22.6	24.2	225.1
SEP 04 ERL H= 10 35 45.6 LAT = 35.7 N LONG= 73.4 E DEPTH= 61 KM MAGNITUDE= 4.9 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	10 44 09.0			1	5170	46.5	83.0	307.7
FUR	-I Z SL	P	10 44 10.-	1.3	1.66	6	5190	46.7	81.6	305.6
	-E Z SL	-	10 44 14.-	1.7	1.60	2				
SEP 04 NO DETERMINATION OF EPICENTER										
BNS	I Z FS	P	11 33 15.0	1.2	1.70					
SEP 04 ERL H= 13 37 51.4 LAT = 35.8 N LONG= 73.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 NORTHWESTERN KASHMIR										

SEP 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	P	13 46 17.-	1.7	1.86	9	5180	45.5	81.6	305.5
	-E Z SL	AP	13 46 27.-	1.8	1.85	2				
BUH	E Z GT	P	13 46 32.3				5390	48.5	80.0	306.6
SEP 04 ERL H= 13 42 18.1 LAT = 35.9 N LONG= 73.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.8 NORTHWESTERN KASHMIR										
HOF	+E Z SL	P	13 50 38.-	1.5	2.17	6	5100	45.9	83.8	308.3
GRF	+I Z BE	P	13 50 43.8	1.2	2.42	3	5160	46.4	82.7	307.5
FUR	+I Z SL	P	13 50 44.-	1.5	2.40	9	5180	46.5	81.4	305.4
	+I Z SL	AP	13 50 50.-	1.5	1.98	3				
	-I Z SL	XP	13 50 55.-	1.5	1.81	3				
	-I Z SL	PCP	13 52 19.-	1.5	1.66	2				
	+I Z SL	PP	13 52 32.-	1.9	2.05	1				
	-I Z SL	XPP	13 52 45.-	1.5	1.93	3				
	-E Z SL	PPP	13 53 22.-	1.5	1.59	1				
	+I Z SL	-	13 53 50.-	1.9	2.19	4				
	E SL	RM	14 13 30.-	12.0	2.87					
STU	+E Z BE	P	13 50 54.0	1.0	2.40	3	5320	47.8	80.6	306.5
KRL	+E Z ST	-	13 50 59.0			4	5370	48.3	80.3	306.9
BUH	+I Z GT	P	13 50 58.9				5390	48.5	79.8	306.5
BNS	+I Z FS	P	13 51 01.0	1.6	2.36		5420	48.8	81.1	309.7
	E Z FS	-	13 53 49.-							
SEP 04 ERL H= 15 06 18.8 LAT = 26.7 N LONG= 142.2 E DEPTH= 38 KM MAGNITUDE= 4.6 BONIN ISLANDS REGION										
GRF	E Z BE	P	15 19 25.0			1	10270	92.4	42.5	330.6
SEP 04 NO DETERMINATION OF EPICENTER										
FUR= EXPLOSION AT ESCHENLOHE BAVARIA, WEST GERMANY.										
FUR	Z SL	MAXIMUM	16 09 30.-	1.5	1.70					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 04 ERL										
H= 18 11 12.0										
LAT = 11.7 S										
LONG= 166.2 E										
DEPTH= 62 KM										
MAGNITUDE= 6.0										
SANTA CRUZ ISLANDS										
BRN	-E Z ET	PKP	18 30 23.-			2	14890	133.9	38.1	337.3
	+E Z ET	PP	18 32 51.-			5				
HLG	+ Z SL	PKP	18 30 23.-			5	14930	134.3	38.3	342.4
	Z SL	PP	18 33 00.-			5				
HOF	-E Z SL	PKP1	18 30 31.-	6.0	2.71	5	15130	136.1	37.7	336.4
	+E Z SL	APKP	18 30 45.-	3.0	2.61	8				
	+I Z SL	XPKP	18 30 52.-	3.0	2.81	9				
	+I Z SL	PP	18 33 11.-	8.0	3.93	9				
	+I Z SL	APP	18 33 28.-	6.0	3.55	9				
	-E Z SL	PKS	18 34 04.-	8.0	3.81	5				
	-E Z SL	-	18 38 12.-	6.0	3.19	3				
	Z SL	RM	19 32 00.-	20.0	4.56					
GRF	E Z BE	PKP	18 30 29.0			1	15220	136.9	37.2	336.4
	E Z BE	PP	18 33 07.2			1				
BNS	+E Z SL	PKP	18 30 16.-				15260	137.3	31.0	340.6
	E Z FS	-	18 30 28.5	1.4	1.95					
	E Z SL	PP	18 33 12.-							
	E Z FS	-	18 33 14.-	5.0	3.48					
	E Z SL	SP	18 45 26.-							
	E Z SL	LR	19 16 00.-	60.0						
	Z SL	-	19 29 00.-	24.0						
FUR	+E Z SL	-	18 30 26.-	1.5	1.54	9	15350	138.0	38.3	334.9
	-E Z SL	-	18 30 28.-	1.5	1.28	5				
	+E Z SL	PKP1	18 30 32.-	2.0	2.24	7				
	-I Z SL	-	18 30 36.-	2.4	2.80	3				
	-I Z SL	-	18 30 39.-	1.5	2.19	1				
	-I Z SL	APKP	18 30 47.-	1.5	2.09	3				
	+I Z SL	PP	18 33 24.-	3.0	3.38	5				
	+I Z SL	PPP	18 36 22.-	3.0	2.90	3				
	-I Z SL	-	18 36 48.-	2.3	2.62	4				
	+I Z SL	-	18 38 20.-	2.0	2.50	4				
	Z SL	RM	19 34 00.-	20.0	4.53					
KRL	-I Z WH	P	18 30 38.-			7	15400	138.5	33.9	338.0
BUH	E Z GT	PKP	18 30 26.5				15440	138.8	33.9	337.9
SEP 04 ERL										
H= 21 24 30.6										
LAT.= 17.9 S										
LONG= 178.4 W										
DEPTH=607 KM										
MAGNITUDE= 5.3										
FIJI ISLANDS REGION										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	-I Z FS	PKP	21 43 06.5	0.9	2.15		16310	146.7	9.7	353.5
GRF	E Z BE	PKP	21 43 04.8			1	16380	147.3	17.2	348.4
	E Z BE	-	21 43 09.0			2				
	E Z BE	-	21 43 13.0			2				
STU	+E Z BE	PKP	21 43 07.0	1.0	1.61	3	16520	148.6	14.0	350.3
	-E Z BE	PKP	21 43 11.5							
	-E Z BE	PKP	21 43 17.5							
FUR	-E Z SL	PKP1	21 43 06.-	1.5	1.28	5	16540	148.8	18.0	347.4
	-I Z SL	PKHKP	21 43 12.-	1.5	1.98	5				
	+I Z SL	PKP2	21 43 19.-	1.5	1.89	7				
BUH	E Z GT	PKP	21 43 06.8				16550	148.8	12.3	351.5
SEP 04 ERL										
H= 21 27 51.5										
LAT = 17.6 S										
LONG= 173.0 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.9										
TONGA ISLANDS										
BNS	+I Z FS	PKP	21 47 32.0	1.5	1.85		16320	146.8	0.3	359.8
	E Z FS	-	21 47 42.5							
GRF	E Z BE	PKP	21 47 35.8			2	16440	147.9	7.6	354.8
BUH	E Z GT	PKP	21 47 38.0				16570	149.0	2.3	358.4
FUR	-E Z SL	PKP1	21 47 35.-	1.5	1.43	1	16610	149.4	8.0	354.4
	-I Z SL	-	21 47 40.-	1.5	1.59	3				
	-I Z SL	PKP2	21 47 44.-	1.8	2.15	3				
	-I Z SL	XPKP	21 47 50.-	1.3	2.89	9				
	-I Z SL	APKP	21 47 54.-	1.9	2.19	2				
SEP 04 ERL										
H= 23 32 24.3										
LAT = 3.8 S										
LONG= 80.6 W										
DEPTH= 63 KM										
MAGNITUDE= 5.4										
PERU-ECUADOR BORDER REGION										
BNS	I Z FS	P	23 45 27.0	2.0	1.95		10170	91.5	265.9	39.2
BUH	E Z GT	P	23 45 28.6				10230	92.0	266.6	41.5
STU	-E Z BE	P	23 45 31.5	1.2	1.96	3	10310	92.7	267.4	41.5
GRF	E Z BE	P	23 45 38.2			1	10460	94.0	269.0	40.6
FUR	-I Z SL	P	23 45 38.-	1.9	2.12	9	10460	94.0	268.9	42.1
	+I Z SL	-	23 45 43.-	2.0	2.00	8				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 05 ERL H= 02 39 46.1 LAT = 21.6 S LONG= 169.7 E DEPTH= 55 KM MAGNITUDE= 4.9 LOYALTY ISLANDS REGION										
HOF	-E Z SL	PKP1	02 59 24.-	4.0	2.32	3	16290	146.5	39.4	334.0
	-E Z SL	-	02 59 32.-	6.0	2.71	2				
GRF	E Z BE	PKP	02 59 25.4			1	16370	147.3	39.0	333.9
	E Z BE	-	02 59 29.2			1				
BNS	+I Z FS	PKP	02 59 25.5	1.1	1.70		16430	147.7	31.4	339.2
FUR	+I Z SL	PKP1	02 59 28.-	1.9	2.12	9	16500	148.4	40.7	332.0
	+I Z SL	PKP2	02 59 36.-	1.5	1.76	2				
	-I Z SL	XPKP	02 59 55.-	1.5	1.49	3				
STU	+E Z BE	PKP	02 59 28.7	1.1	2.03	2	16550	148.8	36.7	334.8
BUH	E Z GT	PKP	02 59 30.2				16600	149.2	35.2	335.7
SEP 05 ERL H= 03 08 00.7 LAT = 35.8 N LONG= 73.5 E DEPTH= 45 KM MAGNITUDE= 5.2 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	03 16 25.0			1	5170	46.5	82.7	307.5
SEP 05 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	03 46 16.0							
SEP 05 ERL H= 05 23 02.1 LAT = 6.9 S LONG= 129.7 E DEPTH= 86 KM MAGNITUDE= 5.8 BANDA SEA										
HOF	+E Z SL	-	05 42 25.-	4.0	2.69	7	12550	112.9	72.4	322.0
GRF	E Z BE	PKP	05 41 31.8	1.2	1.49	1	12620	113.5	72.1	321.5
	E Z BE	APKP	05 42 22.4			1				
	E Z BE	-	05 42 30.0			1				
FUR	+I Z SL	PKP	05 41 33.-	1.1	2.33	8	12670	113.9	72.8	319.9
	+I Z SL	-	05 42 14.-	1.9	2.05	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	05 42 27.-	1.5	1.49	2				
	+I Z SL	PP	05 42 33.-	2.0	2.50	8				
BNS	+I Z FS	PP	05 42 26.0				12840	115.5	68.0	323.8
	E Z FS	-	05 42 40.-							
	E Z SL	-	05 51 30.-							
BUH	E Z GT	PKP	05 41 34.8				12860	115.7	70.0	321.2
SEP 05 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	07 48 55.-	1.5	1.78					
SEP 05 ERL H= 09 13 57.3 LAT = 35.8 N LONG= 73.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	09 22 23.4			1	5160	46.4	82.9	307.5
	E Z BE	PCP	09 24 12.8			1				
FUR	+E Z SL	P	09 22 23.-	1.8	1.70	2	5180	46.6	81.5	305.5
	-E Z SL	AP	09 22 33.-	1.8	1.90	2				
BUH	E Z GT	P	09 22 38.6				5400	48.5	79.9	306.6
SEP 05 ERL H= 16 24 17.8 LAT = 20.9 S LONG= 169.7 E DEPTH= 95 KM MAGNITUDE= 4.3 NEW HEBRIDES ISLANDS										
GRF	E Z BE	PKP	16 43 50.0			1	16300	146.6	38.5	334.4
SEP 05 ERL H= 17 18 27.1 LAT = 1.9 N LONG= 128.2 E DEPTH=132 KM MAGNITUDE= 6.1 HALMAHERA										
BRN	+E Z ET	P	17 32 13.-			5	11500	103.5	68.7	325.2
	+E Z ET	PP	17 36 33.-			1				
HOF	+E Z SL	P	17 32 20.-	4.0	2.55	5	11680	105.0	68.1	323.5
GRF	E Z BE	P	17 32 24.0			1	11750	105.6	67.7	323.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
	E Z BE	PKP	17 35 36.5			1				
	E Z BE	PP	17 36 43.3			2				
	E Z BF	-	17 36 51.5			3				
HLG	Z SL	P	17 32 23.-			2	11750	105.7	63.7	328.2
	+I Z SL	PP	17 36 51.-			3				
FUR	+E Z SL	P	17 32 26.-	2.0	2.27	9	11810	106.2	68.1	321.6
	-E Z SL	AP	17 33 02.-	1.5	1.35	1				
STU	-E Z BE	P	17 32 31.5	1.0	1.57	2	11920	107.2	66.3	322.7
BNS	+I Z FS	P	17 32 32.0	2.0	1.90		11950	107.5	63.9	325.4
	+E Z SL	-	17 32 32.-							
	E Z FS	-	17 36 57.3							
	-I Z SL	PP	17 37 01.-							
	E Z SL	SP	17 47 02.-							
KRL	+E Z WH	PP	17 37 00.4	5.0		4	11960	107.6	65.5	323.2
BUH	E Z GT	PP	17 35 29.0				11990	107.8	65.5	322.9

SEP 05 ERL
H= 17 30 35.6
LAT = 19.9 S
LONG= 169.0 E
DEPTH= 52 KM
MAGNITUDE= 6.1
NEW HEBRIDES ISLANDS

BRN	E Z ET	PKP	17 50 00.-				15840	142.5	39.3	335.7
HLG	Z SL	PKP	17 50 00.-			4	15880	142.8	30.3	341.6
	+ Z X	PKP	17 50 02.4			2				
HOF	+I Z SL	PKP1	17 50 06.-	2.0	3.10	9	16080	144.6	39.2	334.5
	-I Z SL	APKP	17 50 19.-	2.0	3.43	6				
	+I Z SL	-	17 50 28.-	2.0	2.92	9				
	-E Z SL	PP	17 53 26.-	2.0	2.28	6				
	-I Z SL	XPP	17 53 46.-	2.0	2.50	2				
GRF	E Z BE	PKP	17 50 08.5			2	16170	145.4	38.8	334.4
	+I Z BE	-	17 50 09.8	1.2	3.28	9				
BNS	+I Z FS	PKP	17 50 09.3	1.6	3.18		16220	145.8	31.5	339.4
	+I Z SL	-	17 50 10.-	10.0						
	+I Z FS	-	17 50 23.3	2.0	3.40					
	E Z SL	-	17 53 34.-							
FUR	+E Z SL	PKP1	17 50 10.-	1.9	3.39	9	16290	146.5	40.3	332.6
STU	+E Z BE	PKP	17 50 11.0	1.1	3.35	3	16340	146.9	36.5	335.3
KRL	+E Z ST	PKP	17 50 14.3	1.2		4	16350	147.0	35.1	336.3
BUH	E Z GT	PKP	17 50 11.5				16390	147.4	35.1	336.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.

SEP 05
NO DETERMINATION OF EPICENTER

FUR	+I Z SL	P	17 35 46.-	1.9	2.05	2				
	+I Z SL	S	17 36 29.-	1.9	2.16	3				
	Z SL	MAXIMUM	17 37 00.-	2.0	3.09					

SEP 05 ERL
H= 18 03 35.0
LAT = 19.8 S
LONG= 169.0 E
DEPTH= 74 KM
MAGNITUDE= 5.2
NEW HEBRIDES ISLANDS

HOF	-I Z SL	APKP	18 23 16.-	1.5	2.53	9	16080	144.6	39.2	334.5
GRF	E Z BE	PKP	18 23 06.1			1	16160	145.3	38.8	334.4
	E Z BE	-	18 23 20.0			4				
BNS	+E Z FS	PKP	18 23 05.5	2.0	2.46		16210	145.8	31.6	339.4
	-I Z FS	-	18 23 20.0	2.0	2.72					
FUR	-E Z SL	PKP1	18 23 08.-	2.0	2.70	9	16290	146.5	40.3	332.6
	+I Z SL	-	18 23 20.-	1.8	2.30	5				
	+I Z SL	XPKP	18 23 54.-	2.0	2.57	9				
	Z SL	QM	19 13 00.-	19.0	3.52					
STU	-E Z BE	PKP	18 23 08.0	1.2	2.32	1	16330	146.9	36.6	335.2
KRL	+I Z ST	PKP	18 23 25.0	1.4		4	16340	147.0	35.1	336.3
BUH	E Z GT	PKP	18 23 08.6				16380	147.3	35.1	336.1
	E Z GT	PKP	18 23 11.8							

SEP 05 ERL
H= 18 41 25.7
LAT = 16.2 S
LONG= 177.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
FIJI ISLANDS

GRF	E Z BE	PKP	19 01 01.4			1	16110	144.9	22.9	344.8
FUR	-E Z SL	PKP1	19 01 07.-	1.9	1.75	2	16260	146.2	23.8	343.6
	+I Z SL	APKP	19 01 18.-	1.5	1.55	5				
	+I Z SL	-	19 01 31.-	1.8	2.00	3				
BUH	E Z GT	PKP	19 01 08.4				16290	145.5	18.4	347.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 05 ERL H= 19 43 15.7 LAT = 52.4 N LONG= 169.5 W DEPTH= 37 KM MAGNITUDE= 4.4 FOX ISLANDS, ALEUTIAN ISLANDS										
GRF	E Z BE	P	19 55 14.0			1	8700	78.3	0.4	359.5
SEP 05 ERL H= 20 08 35.0 LAT = 36.2 N LONG= 70.8 E DEPTH=154 KM MAGNITUDE= 4.7 HINDU KUSH REGION										
GRF	E Z BE	AP	20 17 15.0			1	4950	44.5	84.3	307.0
SEP 06 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	00 06 08.6							
SEP 06 ERL H= 02 51 32.0 LAT = 32.5 N LONG= 78.3 E DEPTH= 44 KM MAGNITUDE= 5.3 KASHMIR-TIBET BORDER REGION										
GRF	E Z BE	P	03 00 38.0			2	5750	51.7	82.9	310.3
FUR	-E Z SL	P	03 00 38.-	1.9	2.05	9	5760	51.8	81.7	308.4
	-E Z SL	-	03 01 06.-	1.5	1.28	5				
BUH	E Z GT	P	03 00 56.8				5980	53.8	80.1	309.4
SEP 06 ERL H= 05 55 28.5 LAT = 16.0 S LONG= 178.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 FIJI ISLANDS										
HOF	-E Z SL	-	06 16 22.-	2.0	2.20	5	16010	144.0	23.1	344.8
GRF	E Z BE	PKP	06 15 08.4	0.8	1.43	1	16090	144.7	22.4	345.1
FUR	+E Z SL	PKP1	06 15 10.-	1.5	1.28	1	16240	146.1	23.4	344.0
	-I Z SL	PKP2	06 15 14.-	1.9	1.19	4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	06 15 18.-	1.9	2.00	2				
	-E Z SL	APKP	06 15 21.-	1.5	1.43	4				
	-I Z SL	APKP	06 15 27.-	1.5	1.43	4				
BUH	E Z GT	PKP	06 15 08.0				16270	146.3	18.0	347.7
SEP 06 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	07 28 50.-	1.5	1.49					
GRF	E Z BE	P	07 28 50.0			1				
SEP 06 BCS H= 08 49 47.0 LAT = 41.2 N LONG= 4.0 E WESTERN MEDITERRANEAN SEA										
SEP 06 ERL H= 08 49 47.4 LAT = 41.3 N LONG= 4.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 WESTERN MEDITERRANEAN SEA BCIS= FELT AT GERONA. NOS= BELIEVED TO BE THE FIRST HYPOCENTER INSTRUMENTALLY LOCATED IN THIS AREA.										
BUH	E Z GT	P	08 51 41.4				900	8.1	203.4	20.4
FUR	-I Z SL	PN	08 51 52.-	1.0	1.84	4	950	8.7	219.3	34.2
	+E Z SL	PB	08 52 19.-	2.0	2.51	9				
	+I Z SL	PG	08 52 54.-	2.0	1.88	6				
	-I Z SL	SN	08 53 29.-	1.3	1.79	2				
	-I Z SL	SB	08 54 06.-	1.9	1.75	5				
	+I Z SL	SG	08 54 28.-	1.9	1.95	2				
	Z SL	MAXIMUM	08 55 40.-	2.9	2.74					
GRF	E Z BE	P	08 52 05.8			1	1100	9.9	213.5	28.4
	E N BE	S	08 53 46.4			1				
BNS	E Z FS	-	08 55 03.-				1110	10.0	193.9	11.6
	E Z FS	-	08 55 27.-							
SEP 06 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	11 37 20.-	1.8	1.78	6				
	+E Z SL	-	11 37 32.-	2.0	2.05	5				
	+E Z SL	-	11 37 40.-	1.8	1.78	2				
	-I Z SL	-	11 38 12.-	1.3	1.84	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 06 ERL H= 11 42 23.9 LAT = 32.9 N LONG= 130.3 E DEPTH= 15 KM MAGNITUDE= 4.8 KYUSHU, JAPAN										
GRF	E Z BE	P	11 54 44.0			1	9080	81.7	48.0	325.0
	E Z BE	PCP	11 54 48.6			1				
FUR	+E Z SL	P	11 54 49.-	1.9	1.95	4	9190	82.6	47.9	323.8
	+I Z SL	PCP	11 54 54.-	2.0	2.10	2				
BUH	E Z GT	P	11 54 54.2				9320	83.8	45.8	325.6
SEP 06 ERL H= 16 26 09.3 LAT = 16.4 S LONG= 177.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 FIJI ISLANDS										
GRF	E Z BE	PKP	16 45 44.5			1	16130	145.1	22.7	344.8
FUR	+E Z SL	PKP1	16 45 50.-	1.9	1.89	2	16290	146.5	23.7	343.7
	+E Z SL	PKHKP	16 45 55.-	2.0	1.79	5				
	-E Z SL	XPKP	16 46 09.-	1.8	1.70	3				
BUH	E Z GT	PKP	16 45 49.0				16320	146.7	18.3	347.5
SEP 06 ERL H= 18 12 26.4 LAT = 35.5 N LONG= 25.5 E DEPTH= 70 KM MAGNITUDE= 4.6 CRETE										
SEP 06 BCS H= 18 12 32.0 LAT = 35.8 N LONG= 25.6 E CRETE										
GRF	E Z BE	P	18 16 30.0			1	1960	17.6	138.2	328.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 07 ERL H= 02 54 58.3 LAT = 2.0 S LONG= 68.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.8 CARLSBERG RIDGE										
FUR	+I Z SL	P	03 06 08.-	1.5	2.22	9	7790	70.1	117.3	323.5
	+I Z SL	XP	03 06 20.-	1.5	1.89	5				
	+I Z SL	PCP	03 06 25.-	1.9	2.35	2				
	+I Z SL	APCP	03 06 33.-	1.5	1.81	4				
	-E Z SL	PP	03 08 44.-	2.0	2.27	3				
	-I Z SL	APP	03 08 51.-	2.0	2.40	3				
	N SL	QM	03 31 00.-	30.0	3.25					
HOF	+I Z SL	P	03 06 12.-	1.5	2.39	9	7870	70.7	118.5	325.7
	+E Z SL	-	03 06 16.-	1.5	2.09	5				
GRF	E Z BE	P	03 06 13.2	1.8	2.47	4	7880	70.8	117.7	324.9
STU	+E Z BE	P	03 06 17.0	1.6	2.40	3	7960	71.6	115.7	323.4
BUH	E Z GT	P	03 06 19.8				8020	72.1	114.9	323.0
BNS	I Z FS	P	03 06 30.7	2.0	2.04		8200	73.7	114.6	324.9
	E Z FS	-	03 06 47.2							
	E Z FS	PP	03 09 11.5							
SEP 07 ERL H= 04 24 15.0 LAT = 36.0 N LONG= 73.6 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	04 32 40.0			1	5160	46.4	82.6	307.5
FUR	+I Z SL	P	04 32 42.-	2.0	1.94	7	5180	46.6	81.2	305.4
	+E Z SL	-	04 32 48.-	1.5	1.18	4				
SEP 07 ERL H= 05 17 43.0 LAT = 41.0 N LONG= 142.0 E DEPTH= 67 KM MAGNITUDE= 4.5 HOKKAIDO, JAPAN REGION										
GRF	E Z BE	P	05 29 46.0			1	8880	79.9	35.6	330.0
SEP 07 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	
FUR	+I Z SL	-	05 50 56.-	1.0	2.12	1				
BUH	E Z GT	P	05 51 12.1							
GRF	E Z BE	P	05 51 15.0			1				

SEP 07
NO DETERMINATION OF EPICENTER

BNS	I Z FS	P	14 57 45.0	1.5	1.70					

SEP 07 BCS
H= 22 26 54.0
LAT = 46.0 N
LONG= 1.5 W
FRANCE

SEP 07 ERL
H= 22 26 57.9
LAT = 46.0 N
LONG= 1.1 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
FRANCE

BCIS= MINOR DAMAGES (VII) ON OLERON ISLANDS. 300 CHIMNEYS DESTROYED, HOUSES DAMAGED, LIGHTHOUSES FAILED. FELT STRONGLY IN WESTERN FRANCE. RADIUS OF PERCEPTIBILITY ABOUT 250 TO 280 KM. MLGH= 6.1 (BNS)

BUH	I Z GT	PN	22 28 37.4				790	7.1	251.6	64.5
KRL	+I Z ST	PN	22 28 44.0	0.7		9	820	7.4	249.6	62.3
	+I Z ST	PG	22 29 17.5	1.0		9				
	-I Z ST	SG	22 30 51.0	4.0						
BNS	+I Z FS	PN	22 28 45.9	0.8	2.88		850	7.6	232.6	46.1
	+E Z SL	-	22 28 46.-	3.0						
	+I Z FS	PG	22 29 22.5	1.8	3.53					
	I N X	SN	22 30 11.5	1.5	3.68					
	I Z FS	SG	22 31 07.-	1.9	4.35					
	I N X	-	22 31 08.-	1.9	4.30					
	I E X	-	22 31 10.-	1.9	4.37					
	Z SL	-	22 31 40.-							
STU	-E Z BE	PN	22 28 46.4	0.8	2.31	2	860	7.8	253.1	65.2
	BE	PG	22 29 21.6							
	BF	SG	22 31 05.6							
TNS	E Z SL	PN	22 58 49.0			6	880	7.9	241.4	54.0
	E Z SL	PG	22 59 24.0			9				
	E N SL	SN	23 00 04.0			9				
	E N SL	SG	23 01 08.0			9				
BOC	-E Z B4	P	22 28 50.0	0.5	2.85	2	880	8.0	229.7	43.2
	E B4	-	22 29 27.8	1.0	3.01	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	
	Z B4	S	22 31 12.3	1.3	4.30	2				
FUR	-I E SL	PN	22 29 10.-	1.5	1.64	1	1000	9.0	260.8	71.4
	+I E SL	PB	22 29 31.-	1.5	2.05	5				
	+I E SL	PG	22 30 14.-	1.5	2.22	2				
	E SL	MAXIMUM	22 34 35.-	1.9	4.07					
GRF	+E Z BE	P	22 29 08.0			2	1040	9.3	251.5	62.0
	-E Z BE	-	22 29 13.8			9				
HOF	+I Z SL	PN	22 29 20.-	2.0	2.90	9	1100	9.9	249.4	59.4
	+E Z SL	-	22 29 29.-	2.0	2.46	5				
	+I Z SL	-	22 30 06.-	1.8	2.80	9				
	-I Z SL	PG	22 30 22.-	1.8	2.71	9				
	+I Z SL	SN	22 31 08.-	1.5	2.69	2				
	+I Z SL	SB	22 31 35.-	2.6	3.17	6				
	Z SL	MAXIMUM	22 32 30.-	2.6	4.39					
HLG	-I Z SL	P	22 29 20.-			2	1130	10.2	220.1	32.9
	+I Z SL	S	22 32 20.-							
BRN	+E Z ET	P	22 29 44.-			2	1280	11.6	242.0	50.9
	+E Z ET	-	22 30 39.-			2				

SEP 08 BCS
H= 01 51 48.0
LAT = 46.0 N
LONG= 1.5 W
FRANCE

BCIS= FELT ON OLERON ISLAND AND IN WESTERN FRANCE.

BUH	E Z GT	PN	01 53 31.0				790	7.1	251.6	64.5
BNS	E Z FS	-	01 55 37.-				850	7.6	232.6	46.1
	E Z FS	SG	01 55 55.-	1.5	1.60					

SEP 08 ERL
H= 06 30 34.0
LAT = 43.2 N
LONG= 145.5 E
DEPTH= 69 KM
MAGNITUDE= 5.2
HOKKAIDO, JAPAN REGION

GRF	+I Z BE	P	06 42 33.7	0.9	1.86	3	8800	79.2	32.2	331.7
BUH	E Z GT	P	06 42 43.1				9010	81.1	30.2	332.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 08 BCS H= 08 01 23.0 LAT = 46.0 N LONG= 1.5 W FRANCE										
BCIS= FELT ON OLERON ISLAND AND IN WESTERN FRANCE.										
BUH	E Z GT	PN	08 03 30.0				790	7.1	251.6	64.5
BNS	E Z FS	-	08 06 36.1	1.5	1.70		850	7.6	232.6	46.1
FUR	Z SL	MAXIMUM	08 07 24.-	1.5	2.36		1000	9.0	260.8	71.4
GRF	E Z BE	PG	08 05 15.7			1	1040	9.3	251.5	62.0
	E N BE	SG	08 06 22.0			1				
SEP 08 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	09 39 50.-							
	E Z FS	-	09 39 53.-	1.5	2.18					
SEP 08 NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	10 00 35.-	2.0	2.05					
SEP 08 BCS H= 11 34 44.0 LAT = 71.4 N LONG= 10.3 W JAN MAYEN ISLAND REGION										
SEP 08 ERL H= 11 34 46.2 LAT = 71.6 N LONG= 10.0 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.7 JAN MAYEN ISLAND REGION										
BCIS= FELT ON JAN MAYEN (BER). MPV= 6.9 (BNS)										
HLG	+I SL	P	11 39 06.1			9	2110	19.0	342.1	145.7
	+I Z X	P	11 39 08.1			5				
	+I Z SL	S	11 42 41.-							
BOC	-I Z B4	P	11 39 34.4	1.8	4.40	3	2390	21.5	344.7	149.1
	I E B4	S	11 43 39.2	8.0	4.40	2				
BRN	+E Z ET	P	11 39 36.0			9	2420	21.7	339.8	138.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	+I Z FS	P	11 39 38.4	1.5	3.76		2450	22.0	345.1	149.5
	+I Z SL	-	11 39 39.-	22.0						
	E E X	S	11 43 46.-							
	+E Z SL	LR	11 44 54.-	46.0						
	Z SL	-	11 45 40.-	38.0						
TNS	1E Z SL	P	11 39 48.5				2550	22.9	344.6	148.0
	E Z SL	PP	11 40 25.5							
	1E Z SL	S	11 44 02.0							
	E N SL	SS	11 45 51.5							
HOF	+I Z SL	P	11 39 52.-	2.0	4.02	9	2610	23.5	342.3	142.6
	+I Z SL	PP	11 40 26.-	2.0	3.16	9				
	-I Z SL	-	11 40 55.-	2.0	3.16	5				
	-E Z SL	S	11 44 14.-	10.0	4.26	6				
	-E Z SL	SSS	11 45 14.-	9.0	4.18	6				
	Z SL	MAXIMUM	11 51 30.-	14.5	5.03					
GRF	+E Z BE	P	11 39 58.8	1.7	3.79	9	2660	23.9	343.1	144.0
	E Z GL	S	11 44 16.0			2				
KRL	+E Z ST	P	11 40 01.2	2.2		5	2680	24.1	345.4	148.8
	-I E MH	S	11 44 28.-	10.0		9				
BUH	+I Z GT	P	11 40 03.4				2710	24.4	345.7	149.3
STU	+E Z BE	P	11 40 03.4	2.3	3.89	3	2720	24.4	345.0	147.8
	E N SL	S	11 44 20.0	12.0	4.53					
FUR	+I Z SL	P	11 40 12.-	1.5	2.94	9	2820	25.4	344.0	145.0
	-I Z SL	XS	11 44 57.-	10.0	4.34	3				
	Z SL	RM	11 53 20.-	12.0	4.40					
SEP 08 ERL H= 12 30 37.8 LAT = 46.0 N LONG= 151.8 E DEPTH= 47 KM MAGNITUDE= 4.6 KURIL ISLANDS										
GRF	+E Z BE	P	12 42 37.2			3	8750	78.7	26.8	335.1
SEP 08 NO DETERMINATION OF EPICENTER										
BNS= EXPLOSION SUPPOSED										
BNS	I Z FS	PG	14 00 24.5							
	E Z FS	SG	14 00 28.7							
	I Z FS	-	14 00 31.3	0.8						
SEP 08 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS= EXPLOSION SUPPOSED										
BNS	E Z FS	PG	15 59 43.3							
	E Z FS	SG	15 59 50.5							
SEP 08										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	16 02 08.-	2.0	1.80	3				
	+I Z SL	-	16 02 16.-	1.9	1.95	2				
SEP 08										
NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	16 08 49.-	1.5	1.49	2				
	-I Z SL	-	16 09 17.-	1.5	1.43	2				
SEP 08										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	17 32 44.0							
SEP 08 ERL										
H= 17 51 36.0										
LAT = 15.3 S										
LONG= 175.5 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.2										
TONGA ISLANDS										
BNS	E Z FS	PKP	18 11 12.4	2.0	1.60		16050	144.4	4.5	357.1
GRF	E Z BE	PKP	18 11 12.7			1	16150	145.3	11.5	352.3
FUR	+E Z SL	PKP1	18 11 18.-	2.0	1.94	2	16320	146.7	12.1	351.7
	+E Z SL	PKP2	18 11 22.-	2.0	2.05	2				
	+E Z SL	APKP	18 11 29.-	2.2	2.23	3				
	-I Z SL	XPKP	18 11 33.-	1.8	1.95	1				
SEP 09 ERL										
H= 01 42 29.0										
LAT = 28.5 N										
LONG= 52.7 E										
DEPTH= 48 KM										
MAGNITUDE= 5.1										
SOUTHERN IRAN										
FUR	-I Z SL	P	01 49 38.-	1.5	1.43	1	4160	37.4	106.5	313.2
	-I Z SL	AP	01 49 44.-	1.5	1.54	5				
	-I Z SL	XP	01 49 47.-	1.5	1.54	9				
	-I Z SL	-	01 49 58.-	1.5	1.43	4				
	-I Z SL	-	01 50 03.-	1.9	2.05	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	01 49 42.6	0.8	1.46	3	4210	37.9	108.4	315.5
SEP 09 ERL										
H= 02 44 03.1										
LAT = 15.4 S										
LONG= 175.7 W										
DEPTH= 35 KM										
MAGNITUDE= 5.9										
TONGA ISLANDS										
BNS	+E Z SL	PKP	03 03 34.-	2.0	2.65		16060	144.4	4.7	356.9
	E Z SL	-	03 05 36.-							
	E Z SL	LR	03 51 44.-	42.0						
	Z SL	-	04 07 00.-	22.0						
HOF	+E Z SL	PKP1	03 03 40.-	1.5	2.09	5	16080	144.6	12.6	351.6
	-I Z SL	APKP	03 03 47.-	4.0	3.30	6				
	+I Z SL	-	03 04 06.-	6.0	3.16	3				
	+E Z SL	-	03 05 39.-	7.0	3.20	7				
	-E Z SL	-	03 06 17.-	5.0	2.94	9				
	+I Z SL	APP	03 07 10.-	6.0	3.37	2				
GRF	E Z BE	PKP	03 03 38.6			4	16160	145.3	11.7	352.1
STU	E Z BE	PKP	03 03 41.0	2.0	3.18	2	16290	146.5	8.5	354.2
BUH	E Z GT	PKP	03 03 41.8				16310	146.6	6.9	355.3
FUR	-I Z SL	PKP1	03 03 41.-	2.0	2.50	9	16320	146.8	12.3	351.5
	-I Z SL	PP	03 07 11.-	2.0	2.38	4				
	+I Z SL	PKS	03 07 19.-	2.5	2.75	4				
	Z SL	RM	03 59 30.-	28.0	3.87					
SEP 09 BCS										
H= 02 48 01.0										
LAT = 46.0 N										
LONG= 1.5 W										
FRANCE										
BCIS= FELT ON OLERON ISLAND AND IN WESTERN FRANCE.										
BUH	E Z GT	P	02 49 46.0				790	7.1	251.6	64.5
BNS	E Z FS	S	02 52 12.-				850	7.6	232.6	46.1
GRF	E Z BE	P	02 51 03.1			1	1040	9.3	251.5	62.0
	E N BE	S	02 52 58.9			1				
SEP 09										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	03 52 45.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PKP	09 00 13.0			2	16500	148.3	16.1	349.0
	E Z BE	-	09 00 18.8							
FUR	+I Z SL	PKP1	09 00 18.-	1.6	1.81	7	16660	149.8	15.9	348.1

SEP 10 ERL
H= 09 16 35.5
LAT = 20.3 S
LONG= 168.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
LOYALTY ISLANDS

GRF	E Z BE	PKP	09 36 09.0			1	16190	145.6	39.7	333.8
FUR	+E Z SL	PKP1	09 36 12.-	1.7	1.52	2	16320	146.7	41.3	331.9
	+I Z SL	PKP2	09 36 18.-	2.0	2.00	2				
	+I Z SL	APKP	09 36 22.-	1.7	1.69	3				
	+I Z SL	XPKP	09 36 25.-	2.0	1.94	4				
	-I Z SL	-	09 36 37.-	2.0	1.94	7				

SEP 10 ERL
H= 10 07 12.6
LAT = 20.4 S
LONG= 169.0 E
DEPTH= 35 KM
MAGNITUDE= 4.7
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP	10 26 50.5			1	16210	145.8	39.2	334.0
FUR	-I Z SL	PKP1	10 26 54.-	1.5	1.43	4	16340	146.9	40.8	332.2
	+I Z SL	PKP2	10 26 56.-	1.9	2.00	2				
	-I Z SL	XPKP	10 27 07.-	1.5	2.36	6				
	-I Z SL	-	10 27 16.-	1.5	2.36	1				

SEP 10 ERL
H= 10 48 28.2
LAT = 20.3 S
LONG= 168.9 E
DEPTH= 41 KM
MAGNITUDE= 4.7
LOYALTY ISLANDS

GRF	E Z BE	PKP	11 08 05.4			2	16200	145.7	39.2	334.0
BNS	E Z FS	PKP	11 08 06.-				16250	146.2	31.9	339.1
FUR	+I Z SL	PKP1	11 08 09.-	2.0	2.05	5	16330	146.8	40.8	332.2
	+E Z SL	PKP2	11 08 14.-	1.5	1.28	1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
SEP 10 ERL										
H= 11 07 31.2										
LAT = 20.1 S										
LONG= 168.8 E										
DEPTH= 58 KM										
MAGNITUDE= 5.2										
LOYALTY ISLANDS										
GRF	+E Z BE	PKP	11 27 05.5	1.4	2.37	3	16170	145.5	39.2	334.1
BNS	+I Z FS	PKP	11 27 06.0	1.5	2.28		16230	145.9	31.9	339.2
	+I Z SL	-	11 27 06.-	9.0						
	E Z FS	-	11 27 20.-							
FUR	+I Z SL	PKP1	11 27 09.-	1.5	2.03	6	16300	146.5	40.8	332.3
	-I Z SL	APKP	11 27 22.-	1.5	2.03	4				
	-I Z SL	XPKP	11 27 25.-	1.8	2.48	5				
BUH	E Z GT	PKP	11 27 10.7				16400	147.4	35.5	335.8
SEP 10 ERL										
H= 20 57 57.1										
LAT = 39.2 N										
LONG= 81.3 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.1										
SOUTHERN SINKIANG PROV., CHINA										
GRF	+E Z BE	P	21 06 46.2	0.7	1.59	3	5490	49.4	74.2	306.5
SEP 10 ERL										
H= 21 48 27.2										
LAT = 20.5 S										
LONG= 168.8 E										
DEPTH= 20 KM										
MAGNITUDE= 4.9										
LOYALTY ISLANDS										
GRF	E Z BE	PKP	22 08 05.6			2	16210	145.8	39.6	333.8
BNS	E Z FS	PKP	22 08 07.5				16270	146.3	32.2	338.9
SEP 11 ERL										
H= 03 03 50.0										
LAT = 59.6 N										
LONG= 148.9 W										
DEPTH= 27 KM										
MAGNITUDE= 5.1										
KENAI PENINSULA, ALASKA										
BNS	E Z FS	P	03 14 48.-							
	E Z FS	-	03 14 54.5				7570	68.1	347.2	16.0
GRF	E Z BE	P	03 15 00.1			2	7770	69.8	349.4	13.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
FUR	+I Z SL	P	03 15 10.-	1.7	1.76	2	7930	71.4	349.5	13.8
	-E Z SL	AP	03 15 15.-	1.5	1.49	2				
	+E Z SL	APCP	03 15 35.-	1.5	1.49	2				
SEP 11 ERL										
H= 07 48 37.5										
LAT = 46.0 N										
LONG= 1.0 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.9										
FRANCE										
NOS= FELT ON OLERON. MLGH= 4.6 (BNS)										
BNS	-I Z FS	PN	07 50 24.2				820	7.4	231.0	44.9
	I Z FS	PG	07 51 02.2							
	E E X	SN	07 51 56.7							
	E E X	SG	07 52 39.-	1.0	2.43					
	E N X	-	07 52 39.-	1.0	2.41					
	E Z FS	-	07 52 48.5	1.4	2.36					
FUR	+E Z SL	SN	07 52 36.-	1.2	1.60	1	960	8.7	260.3	71.3
	+I Z SL	SG	07 53 28.-	2.0	2.14	3				
	Z SL	MAXIMUM	07 54 35.-	1.8	2.45					
GRF	E Z BE	PN	07 50 47.6			1	1000	9.0	250.7	61.6
	E Z BE	-	07 51 34.8			2				
	E N BE	S	07 53 20.6			2				
SEP 11 BCS										
H= 07 49 32.0										
LAT = 46.0 N										
LONG= 1.5 W										
FRANCE										
BUH	E Z GT	PN	07 50 15.3				790	7.1	251.6	64.5
SEP 11 ERL										
H= 11 27 43.9										
LAT = 8.5 N										
LONG= 102.9 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.0										
OFF COAST OF MEXICO										
FUR	E SL	QM	12 21 20.-	22.0	3.51		11050	99.4	293.9	38.2
SEP 11										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	13 33 57.0							

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 11 ERL										
H= 13 35 48.5										
LAT = 3.2 S										
LONG= 130.8 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.5										
CERAM										
HOF	Z SL	RM	14 53 30.-	17.0	3.66		12300	110.6	69.1	323.1
GRF	+E Z BE	PKP	13 55 05.0			4	12370	111.3	68.7	322.7
FUR	-I Z SL	PKP1	13 54 32.-	1.9	1.95	2	12430	111.8	69.4	321.1
	+E Z SL	XPKP	13 54 48.-	2.0	2.00	4				
	-I Z SL	PP	13 55 17.-	2.0	2.18	4				
	+I Z SL	APP	13 55 30.-	2.0	2.10	3				
	N SL	RM	14 50 00.-	19.0	3.82					
BUH	E Z GT	PKP	13 54 28.0				12620	113.5	66.6	322.5
SEP 11										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	13 46 27.-	1.5	1.28	3				
	+E Z SL	-	13 48 27.-	1.9	1.89	1				
SEP 12										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	01 18 21.2			2				
SEP 12 ERL										
H= 02 17 21.6										
LAT = 20.5 S										
LONG= 168.9 E										
DEPTH= 30 KM										
MAGNITUDE= 4.8										
LOYALTY ISLANDS										
GRF	E Z BE	PKP	02 36 59.3			2	16220	145.9	39.4	333.9
BNS	E Z FS	PKP	02 37 03.-				16280	146.4	32.0	339.0
FUR	-I Z SL	PKP1	02 37 02.-	1.5	1.43	1	16350	147.0	40.9	332.1
	-I Z SL	PKP2	02 37 14.-	1.5	1.54	9				
	-I Z SL	-	02 38 47.-	1.9	2.00	5				
SEP 12 ERL										
H= 04 00 53.3										
LAT = 8.4 N										
LONG= 103.0 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.3										
OFF COAST OF MEXICO										

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	E SL	QM	04 54 30.-	22.0	3.51		11060	99.5	293.9	38.2
SEP 12										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	10 52 58.0							
BNS	E Z FS	-	10 53 34.5							
	E Z FS	-	10 53 42.0	0.8	1.30					
SEP 12 ERL										
H= 14 40 43.9										
LAT = 44.0 N										
LONG= 17.1 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.4										
YUGOSLAVIA										
SEP 12 BCS										
H= 14 40 47.0										
LAT = 44.1 N										
LONG= 17.2 E										
YUGOSLAVIA										
BCIS= MINOR DAMAGES AT BUGOJNO. FELT (VI) IN THE EPICENTRAL AREA. (SAR).										
FUR	+E Z SL	PN	14 42 11.-	2.0	1.94	7	640	5.8	133.5	317.6
	-I Z SL	SN	14 43 20.-	1.3	1.93	2				
	-I Z SL	SB	14 43 44.-	1.3	1.79	2				
	-I Z SL	SG	14 44 01.-	1.3	1.73	2				
	Z SL	MAXIMUM	14 44 50.-	1.7	2.36					
GRF	E Z BE	PG	14 42 26.6			1	770	7.0	142.3	326.6
	E N BE	SG	14 44 22.9			1				
BUH	E Z GT	PN	14 42 38.0				860	7.7	123.8	310.2
SEP 12										
NO DETERMINATION OF EPICENTER										
GRF	E Z JM	PN	20 12 01.1			1				
	E Z JM	PG	20 12 13.8			1				
	E N BE	SG	20 12 56.8			1				
SEP 13 ERL										
H= 04 13 20.5										
LAT = 37.9 N										
LONG= 22.4 E										
DEPTH= 83 KM										
MAGNITUDE= 6.0										
SOUTHERN GREECE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	SEP 1972

SEP 13 BCS
H= 04 13 22.0
LAT = 37.9 N
LONG= 22.4 E
DEPTH= 80 KM
SOUTHERN GREECE

NOS= WALLS AND CEILINGS CRACKED IN SCORES OF BUILDINGS IN CORINTH-
NAVPLION AREA. MPV= 6.1 (BNS)

FUR	-I Z SL	P	04 16 20.-	2.0	2.74		1450	13.1	137.6	325.2
	N SL	QM	04 21 00.-	7.0	5.13					
GRF	E Z BE	P	04 16 34.6			2	1580	14.2	141.5	329.2
	+I Z BE	-	04 16 38.4			9				
	+E Z BE	-	04 16 44.8			9				
STU	KE Z BE	P	04 16 38.8	0.8	3.23	4	1610	14.5	133.7	322.8
	E E SL	S	04 19 16.0							
HOF	-E Z SL	P	04 16 39.-	1.5	2.09	5	1610	14.5	144.8	332.1
	+I Z SL	-	04 16 45.-	1.5	2.56	3				
	-I Z SL	-	04 16 48.-	1.5	3.66	5				
	+I Z SL	PP	04 16 53.-	1.5	3.37	3				
	+I Z SL	S	04 19 15.-	1.5	2.56	2				
	-I Z SL	SS	04 19 33.-	2.0	2.98	6				
	Z SL	PM	04 22 20.-	6.0	4.60					
BUH	-I Z GT	P	04 16 44.5				1650	14.9	131.0	320.8
KRL	-E Z ST	P	04 16 47.0	1.0		2	1670	15.0	132.4	322.1
	-E E MM	S	04 19 42.-							
TNS	ZI Z SL	P	04 16 59.5			9	1760	15.8	135.7	325.4
	E Z SL	PP	04 17 17.-			9				
	ZI N SL	S	04 19 39.0			9				
BRM	-E Z ET	P	04 16 59.0			9	1760	15.9	152.5	339.0
	-E Z ET	PP	04 17 17.4			3				
BNS	-I Z FS	P	04 17 13.4	1.4	3.37		1880	16.9	134.5	325.2
	-I Z SL	-	05 17 13.-	11.0						
	I Z FS	PP	05 17 38.5							
	I N X	S	05 20 05.8							
	F Z SL	-	05 20 23.-							
	E Z SL	LR	05 21 30.-	48.0						
	Z SL	-	05 24 58.-	18.0						
BDC	-I Z BA	P	04 17 18.0	1.0	3.74	4	1920	17.3	135.8	326.6
	-E E BA	S	04 20 14.0	2.5	3.70	2				
	E BA	MAXIMUM	04 24 11.0	6.0	4.48					
MLG	+I Z X	P	04 17 36.-				2120	19.1	142.7	333.2
	-I Z SL	P	04 17 37.1							
	Z SL	S	04 21 12.-			9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	SEP 1972

SEP 13
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	05 21 23.0			2				
FUR	-E Z SL	-	05 21 26.-	1.9	1.75	5				
	+E Z SL	-	05 21 39.-	1.8	1.78	3				

SEP 13 ERL
H= 06 22 22.5
LAT = 20.3 S
LONG= 168.7 E
DEPTH= 48 KM
MAGNITUDE= 5.1
LOYALTY ISLANDS

HOF	+E Z SL	PKP1	06 41 56.-	1.5	2.09	5	16110	144.9	40.0	334.0
GRF	+E Z BE	PKP	06 41 58.6	1.7	2.60	4	16200	145.7	39.5	333.9
BNS	E Z FS	PKP	06 41 58.5	1.6	2.34		16250	146.2	32.2	338.9
FUR	+I Z SL	PKP1	06 42 02.-	1.5	2.02	9	16320	146.8	41.1	332.0
	+I Z SL	PKP2	06 42 08.-	1.3	2.27	2				
	+I Z SL	APKP	06 42 12.-	1.5	1.76	2				
	+I Z SL	XPKP	06 42 22.-	1.8	2.00	5				
STU	-E Z BE	PKP	06 42 03.5	1.7	2.54	3	16370	147.2	37.3	334.7
BUH	E Z GT	PKP	06 42 03.6				16420	147.7	35.9	335.5

SEP 13
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	06 49 17.3			1				

SEP 13
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	08 31 27.7							

SEP 13
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	11 01 40.7	0.7	1.48					

SEP 13 ERL
H= 12 52 17.6
LAT = 20.4 S
LONG= 168.7 E
DEPTH= 32 KM
MAGNITUDE= 5.0
LOYALTY ISLANDS

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	+I Z SL	PKP1	13 11 52.-	2.0	2.80	9	16120	145.0	40.0	334.0
	-E Z SL	-	13 12 01.-	2.0	2.68	9				
	+I Z SL	XPKP	13 12 05.-	2.0	2.68	9				
	+I Z SL	-	13 12 17.-	5.0	2.71	6				
GRF	+E Z BE	PKP	13 11 54.8			2	16200	145.7	39.6	333.8
BNS	+I Z FS	PKP	13 11 55.5	2.8	2.73		16260	146.2	32.3	338.9
	+I Z FS	-	13 11 56.-	8.0						
	I Z FS	-	13 12 05.0							
FUR	+I Z SL	PKP1	13 11 57.-	3.0	3.11	8	16330	146.8	41.1	332.0
	-I Z SL	PKP2	13 12 04.-	1.5	2.84	6				
	-I Z SL	-	13 12 07.-	3.3	2.77	9				
	-I Z SL	XPKP	13 12 18.-	1.5	1.98	1				
	-I Z SL	PP	13 15 26.-	1.9	2.05	2				
	+E Z SL	APP	13 15 34.-	1.9	1.75	2				
	+E Z SL	XPP	13 15 39.-	2.0	2.00	8				
STU	E Z BE	PKP	13 11 57.5	1.2	2.10	2	16370	147.3	37.3	334.7
BUH	E Z GT	PKP	13 11 53.5				16430	147.7	35.9	335.5

SEP 13 ERL
H= 12 58 56.1
LAT = 20.5 S
LONG= 168.8 E
DEPTH= 88 KM
MAGNITUDE= 4.9
LOYALTY ISLANDS

GRF	E Z BE	PKP	13 13 27.4			2	16220	145.9	39.6	333.8
BNS	I Z FS	PKP	13 18 29.0	1.5	1.85		16270	146.3	32.2	338.9
	E Z FS	-	13 18 39.5							
FUR	-E Z SL	PKP1	13 18 31.-	1.5	1.36	6	16350	147.0	41.1	332.0
	+I Z SL	PKHKP	13 18 33.-	1.7	1.91	2				
	+I Z SL	PKP2	13 18 40.-	1.4	1.70	2				
	-I Z SL	APKP	13 18 56.-	1.8	2.08	2				
BUH	E Z GT	PKP	13 18 32.8				16440	147.9	35.9	335.5

SEP 13 ERL
H= 13 06 55.9
LAT = 20.3 S
LONG= 168.8 E
DEPTH= 75 KM
MAGNITUDE= 4.9
LOYALTY ISLANDS

HOF	-I Z SL	PKP1	13 26 27.-	2.0	2.40	8	16110	144.9	39.8	334.1
GRF	E Z BE	PKP	13 26 28.2	2.2	2.81	2	16200	145.6	39.4	334.0
	-I Z BE	-	13 26 35.2			3				

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	+I Z FS	PKP	13 26 29.5	2.0	2.15		16250	146.1	32.1	339.0
FUR	+E Z SL	PKP1	13 26 31.-	1.7	2.09	9	16320	146.8	41.0	332.1
	+I Z SL	PKP2	13 26 35.-	1.8	2.30	2				
	-I Z SL	-	13 26 40.-	1.5	1.86	3				
	-I Z SL	APKP	13 26 56.-	1.9	2.32	2				
	+E Z SL	PP	13 29 57.-	1.9	1.83	3				
	N SL	QM	14 21 30.-	18.0	3.09					
STU	E Z BE	PKP	13 26 32.0	1.4	2.25	2	16370	147.2	37.2	334.8
BUH	E Z GT	PKP	13 26 33.3				16420	147.6	35.7	335.6

SEP 13 ERL
H= 13 32 33.6
LAT = 20.5 S
LONG= 168.8 E
DEPTH= 34 KM
MAGNITUDE= 4.7
LOYALTY ISLANDS

GRF	E Z BE	PKP	13 52 09.4			1	16220	145.9	39.6	333.8
BNS	E Z FS	PKP	13 52 11.-				16280	146.4	32.2	338.9
FUR	-E Z SL	PKP1	13 52 14.-	1.6	1.48	3	16350	147.0	41.2	332.0
	+I Z SL	-	13 52 16.-	1.9	1.95	2				
	-E Z SL	XPKP	13 52 28.-	1.9	1.75	3				

SEP 13 ERL
H= 13 51 59.0
LAT = 20.2 S
LONG= 168.8 E
DEPTH= 58 KM
MAGNITUDE= 4.9
LOYALTY ISLANDS

HOF	+E Z SL	PKP1	14 11 32.-	1.5	2.29	8	16110	144.8	39.7	334.1
	+E Z SL	-	14 11 37.-	4.0	2.85	9				
	-E Z SL	APKP	14 11 43.-	1.5	2.09	5				
GRF	+E Z BE	PKP	14 11 33.6	2.2	2.75	2	16190	145.6	39.3	334.0
BNS	+I Z FS	PKP	14 11 34.9	2.0	2.45		16240	146.1	32.0	339.1
	+I Z SL	-	14 11 35.-	8.0						
	E Z FS	-	14 11 45.0							
TNS	2E Z SL	PKP	14 11 36.-			9	16260	146.2	34.6	337.1
FUR	+E Z SL	PKP1	14 11 36.-	2.0	2.42	4	16320	146.7	40.9	332.2
	+I Z SL	PKP2	14 11 40.-	1.9	2.44	3				
	-I Z SL	APKP	14 11 48.-	1.5	2.84	9				
	-I Z SL	XPKP	14 11 51.-	1.8	2.54	4				
	-I Z SL	XPKP	14 11 57.-	1.8	2.40	3				
STU	E Z BE	PKP	14 11 38.0	1.3	2.30	2	16360	147.1	37.1	334.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PKP	14 11 38.6				16410	147.6	35.7	335.7
SEP 13 ERL H= 14 33 38.0 LAT = 20.4 S LONG= 168.8 E DEPTH= 35 KM MAGNITUDE= 5.9 LOYALTY ISLANDS										
HLG	+I Z SL	PKP	14 53 04.-			6	15930	143.2	30.8	341.3
	Z X	PKP	14 53 06.-			3				
HOF	+I Z SL	PKP1	14 53 12.-	2.0	2.90	9	16120	145.0	39.8	334.1
	-I Z SL	PKP2	14 53 15.-	7.0	4.37	9				
	+E Z SL	XPKP	14 53 26.-	4.0	3.96	9				
	-E Z SL	-	14 56 54.-	7.0	2.48	5				
	+E Z SL	PKS	14 57 17.-	8.0	3.40	2				
	-E Z SL	PPP	15 07 41.-	7.0	2.26	4				
GRF	+E Z BE	PKP	14 53 14.4			4	16210	145.7	39.4	333.9
	+E Z BE	PP	14 57 15.8	1.5	2.58	6				
BNS	+I Z FS	PKP	14 53 14.2	2.3	3.25		16260	146.2	32.1	339.0
	+I Z SL	-	14 53 15.-	10.0						
	E Z SL	PP	14 56 41.-							
	+I Z FS	-	14 57 16.7	1.5	2.45					
	E Z FS	-	14 57 26.8							
TNS	1E Z SL	PKP	14 53 16.0			9	16280	146.4	34.7	337.1
FUR	-I Z SL	PKP1	14 53 18.-	1.9	2.09	6	16330	146.9	41.0	332.1
	+I Z SL	-	14 53 20.-	1.5	3.12	9				
	-I Z SL	PP	14 56 48.-	1.5	1.98	9				
	+I Z SL	SKP	14 57 20.-	1.5	2.22	6				
	-E Z SL	SKKS	15 03 33.-	6.0	3.17	5				
STU	E Z BE	PKP	14 53 17.2	1.5	2.11	2	16380	147.3	37.1	334.8
	-E E BE	-	14 53 20.2	1.7	3.26	3				
KRL	+I Z WH	PKP	14 53 21.-	2.0		9	16390	147.4	35.7	335.8
BUH	E Z GT	PKP	14 53 17.3				16430	147.8	35.7	335.7
SEP 13 ERL H= 14 55 46.1 LAT = 20.4 S LONG= 168.9 E DEPTH= 53 KM MAGNITUDE= 5.6 LOYALTY ISLANDS										
HOF	+I Z SL	PKP1	15 15 19.-	1.5	2.93	9	16130	145.0	39.8	334.0
	+I Z SL	-	15 15 27.-	1.5	2.56	9				
	-E Z SL	APKP	15 15 31.-	1.5	2.09	5				
	-I Z SL	XPKP	15 15 36.-	1.5	2.39	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	Z SL	QM	16 04 30.-	19.0	4.11					
GRF	+E Z BE	PKP	15 15 21.6	1.8	2.96	9	16210	145.8	39.4	333.9
	E Z BE	PP	15 18 38.4			2				
BNS	+I Z FS	PKP	15 15 22.4	1.7	2.73		16260	146.3	32.1	339.0
TNS	1E Z SL	PKP	15 15 23.-			9	16280	146.4	34.7	337.1
FUR	-I Z SL	PKP1	15 15 22.-	2.0	2.05	1	16340	146.9	41.0	332.1
	+I Z SL	-	15 15 25.-	1.5	2.33	9				
	-I Z SL	APKP	15 15 41.-	1.5	2.19	3				
	+E Z SL	PP	15 18 51.-	2.0	2.10	9				
	Z SL	QM	16 10 30.-	18.0	3.82					
STU	+E Z BE	PKP	15 15 25.3	1.0	2.49	3	16380	147.3	37.2	334.8
BUH	E Z GT	PKP	15 15 20.8				16430	147.8	35.7	335.6
SEP 13 ERL H= 18 37 57.2 LAT = 51.8 N LONG= 158.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 NEAR EAST COAST OF KAMCHATKA										
GRF	E Z BE	P	18 49 37.3	1.0	1.46	2	8340	75.0	20.6	338.4
SEP 14 ERL H= 09 24 12.0 LAT = 20.5 S LONG= 168.9 E DEPTH= 33 KM MAGNITUDE= 5.3 LOYALTY ISLANDS										
HOF	+I Z SL	PKP1	09 43 47.-	1.5	2.69	9	16140	145.2	39.8	334.0
	-I Z SL	APKP	09 43 59.-	1.5	2.34	5				
GRF	+E Z BE	PKP	09 43 50.0	2.2	2.98	4	16230	145.9	39.4	333.9
FUR	-I Z SL	PKP1	09 43 54.-	1.8	2.51	6	16350	147.1	41.0	332.0
	+I Z SL	PKP2	09 43 57.-	1.5	2.24	2				
	+I Z SL	APKP	09 44 02.-	1.5	2.06	3				
	-I Z SL	XPKP	09 44 10.-	1.5	1.96	2				
STU	E Z BE	PKP	09 43 54.2	1.2	2.33	3	16400	147.5	37.2	334.7
BUH	E Z GT	PKP	09 43 55.0				16450	147.9	35.7	335.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 14 ERL H= 12 38 12.5 LAT = 18.6 S LONG= 169.0 E DEPTH=211 KM MAGNITUDE= 4.7 NEW HEBRIDES ISLANDS										
GRF	+E Z BE	PKP	12 57 23.7	0.8	1.39	2	16040	144.3	37.8	335.2
FUR	+I Z SL	PKP1	12 57 29.-	1.8	2.00	3	16170	145.4	39.2	333.5
	+I Z SL	APKP	12 58 20.-	1.8	2.00	3				
	+I Z SL	-	12 58 32.-	1.8	1.95	2				
SEP 14 NO DETERMINATION OF EPICENTER										
BUH	+I Z GT	PG	18 20 43.9							
SEP 14 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	18 21 17.6							
SEP 14 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	18 55 18.8							
SEP 14 BCS H= 22 17 03.0 LAT = 42.7 N LONG= 18.0 E YUGOSLAVIA										
BCIS= FELT AT TREBINJE.										
FUR	+E Z SL	-	22 20 10.-	1.5	1.28	3	800	7.2	136.4	321.2
	+E Z SL	SN	22 20 22.-	1.5	1.43	2				
	+I Z SL	SG	22 21 04.-	2.0	2.10	2				
	Z SL	MAXIMUM	22 21 30.-	1.7	2.09					
GRF	E Z BE	PG	22 19 04.3			1	930	8.4	143.4	328.2
	E N BE	SG	22 20 34.9			1				
BUH	E Z GT	PG	22 20 54.8				1010	9.0	127.3	314.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 15 ERL H= 03 13 09.9 LAT = 17.9 S LONG= 178.6 W DEPTH=600 KM MAGNITUDE= 5.0 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	03 31 48.6			2	16380	147.3	17.5	348.2
	E Z BE	-	03 31 52.6			3				
SEP 15 NO DETERMINATION OF EPICENTER										
BNS= EXPLOSION SUPPOSED										
BNS	I Z FS	PG	09 45 05.3							
	I Z FS	SG	09 45 11.0							
	E Z FS	-	09 45 15.5							
SEP 15 NO DETERMINATION OF EPICENTER										
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.										
FUR	Z SL	MAXIMUM	11 11 30.-	1.6	2.00					
SEP 15 ERL H= 13 18 45.4 LAT = 20.1 S LONG= 168.8 E DEPTH= 21 KM MAGNITUDE= 5.2 LOYALTY ISLANDS										
HOF	-E Z SL	PKP1	13 38 22.-	2.0	2.35	7	16090	144.7	39.7	334.2
	+E Z SL	-	13 38 27.-	2.0	2.20	5				
GRF	+E Z BE	PKP	13 38 22.6	1.3	2.13	4	16170	145.4	39.3	334.1
BNS	+I Z FS	PKP	13 38 23.5	1.5	2.00		16220	145.9	32.0	339.1
	+I Z SL	-	13 38 23.5	9.0						
	E Z FS	-	13 38 48.5							
FUR	-I Z SL	PKP1	13 38 27.-	1.5	1.93	9	16300	146.6	40.8	332.3
	+I Z SL	PKP2	13 38 33.-	2.0	2.40	3				
	+I Z SL	APKP	13 38 43.-	1.9	2.15	2				
STU	+E Z BE	PKP	13 38 26.5	1.0	1.97	3	16340	147.0	37.0	334.9
BUH	E Z GT	PKP	13 38 29.0				16390	147.4	35.6	335.8
SEP 15 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	-	15 37 10.-	1.8	2.00	3				

SEP 15 ERL
H= 17 46 50.8
LAT = 20.4 S
LONG= 168.7 E
DEPTH= 25 KM
MAGNITUDE= 5.4
LOYALTY ISLANDS

HOF	+I Z SL	PKP1	18 06 26.-	4.0	3.02	9	16120	145.0	40.1	333.9
	-E Z SL	XPKP	18 06 42.-	5.0	2.94	5				
GRF	+E Z BE	PKP	18 06 29.4	1.8	2.53	3	16210	145.7	39.7	333.8
BNS	+I Z FS	PKP	18 06 30.3	2.2	2.53		16260	146.2	32.4	338.8
	+I Z SL	-	18 06 30.5	6.0						
	I Z FS	-	18 06 44.5							
TNS	1E Z SL	PKP	18 06 32.-			6	16280	146.4	35.0	336.9
FUR	+I Z SL	PKP1	18 06 33.-	1.5	2.06	4	16330	146.9	41.3	331.9
	+I Z SL	PKP2	18 06 36.-	1.8	2.52	3				
	+I Z SL	APKP	18 06 49.-	2.0	2.64	4				
	-I Z SL	-	18 06 53.-	2.0	2.68	5				
	+I Z SL	PP	18 09 57.-	2.0	2.27	4				
STU	+E Z BE	PKP	18 06 32.0	1.5	2.59	2	16380	147.3	37.5	334.6
KRL	+E Z ST	PKP	18 06 34.5	1.4		2	16390	147.4	36.0	335.6
BUH	E Z GT	PKP	18 06 34.0				16430	147.8	36.0	335.4

SEP 15
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	21 20 36.8			1				

SEP 15 ERL
H= 21 25 49.7
LAT = 24.9 N
LONG= 123.7 E
DEPTH=117 KM
MAGNITUDE= 5.0
SOUTHWESTERN RYUKYU ISLANDS

GRF	E Z BE	P	21 38 12.3			2	9410	84.6	57.4	322.9
FUR	-I Z SL	P	21 38 16.-	1.5	1.59	2	9500	85.4	57.3	321.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

SEP 15 ERL
H= 21 43 34.1
LAT = 17.2 S
LONG= 178.9 W
DEPTH=539 KM
MAGNITUDE= 5.3
FIJI ISLANDS REGION

HOF	-E Z SL	PKP1	22 02 14.-	4.0	2.32	3	16220	145.9	18.6	347.7
BNS	+I Z FS	PKP	22 02 13.8	1.2	1.85		16230	146.0	10.4	353.1
	E Z FS	-	22 02 51.5							
GRF	-I Z BE	PKP	22 02 17.0			5	16300	146.6	17.8	348.0
	I Z BE	-	22 02 19.6			9				
STU	-E Z BE	PKP	22 02 19.5	0.8	1.80	2	16440	147.9	14.7	349.9
FUR	+I Z SL	PKP1	22 02 21.-	1.5	1.54	1	16460	148.0	18.6	347.1
	+I Z SL	PKHKP	22 02 25.-	1.5	1.73	5				
BUH	E Z GT	PKP	22 02 21.5				16470	148.1	13.0	351.0

SEP 15 ERL
H= 23 27 49.6
LAT = 18.0 S
LONG= 178.0 W
DEPTH=614 KM
MAGNITUDE= 4.6
FIJI ISLANDS REGION

GRF	E Z BE	PKP	23 46 26.9			2	16400	147.5	16.5	348.8

SEP 16
NO DETERMINATION OF EPICENTER

BUH	-I Z GT	PG	00 19 43.0							

SEP 16 ERL
H= 03 53 26.5
LAT = 40.3 N
LONG= 19.7 E
DEPTH= 15 KM
MAGNITUDE= 5.1
ALBANIA

SEP 16 BCS
H= 03 53 30.0
LAT = 40.2 N
LONG= 19.9 E
ALBANIA

BCIS= ONE INJURED AND 30 HOUSES DESTROYED AT KUC (VII), TWO HOUSES DAMAGED AT KUDHES. MINOR DAMAGES AT FTERRE, BORSH, PIQERAS, KARPAJEL,

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
PROGONAT, NIVICE (VI-VII). FELT WIDELY IN ALBANIA. RADIUS OF ISOSEISM VI 22 KM.										
FUR	-I Z SL	P	03 55 50.-	1.6	2.11	5	1100	9.9	139.3	325.2
	+I Z SL	PP	03 55 59.-	1.9	2.32	3				
	+I Z SL	PPP	03 56 07.-	1.8	2.54	4				
	+I Z SL	-	03 56 11.-	1.1	2.55	4				
	+I Z SL	-	03 56 14.-	1.8	2.30	3				
	+I Z SL	S	03 57 44.-	1.9	2.43	2				
	-I Z SL	-	03 58 24.-	1.8	2.74	4				
	Z SL	QM	03 59 30.-	3.0	3.71					
GRF	E Z BE	P	03 56 05.6			2	1240	11.1	144.2	330.2
	E N BE	S	03 58 46.2			2				
STU	+E Z BE	P	03 56 08.0	1.0	2.10		1250	11.3	134.6	321.9
HOF	-E Z SL	P	03 56 10.-	2.0	1.80	2	1270	11.4	148.2	333.8
	+E Z SL	-	03 56 31.-	4.0	2.32	3				
	-I Z SL	-	03 59 12.-	5.0	2.94	5				
	-I Z SL	-	04 00 09.-	3.0	2.89	2				
	Z SL	RM	04 01 40.-	7.0	3.94					
BUH	E Z GT	P	03 56 13.4				1300	11.7	131.3	319.4
TNS	E N SL	P	03 56 27.0			3	1410	12.7	137.1	325.1
	E N SL	PCP	04 00 31.0			5				
	E N SL	S	04 01 06.-			9				
BNS	+I Z FS	P	03 56 43.9	2.0	2.15		1530	13.8	135.8	324.8
	E E X	S	03 59 15.-							
	E Z SL	LR	04 00 00.-	44.0						
	Z SL	-	04 03 10.-	12.0						
SEP 16 ERL H= 09 14 34.6 LAT = 15.2 N LONG= 96.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.0 NEAR COAST OF OAXACA, MEXICO										
HLG	-I Z X	P	09 27 13.0			1	9540	85.8	290.2	34.9
	-I SL	P	09 27 13.6			9				
	Z SL	PP	09 30 32.-			2				
BNS	-I Z FS	P	09 27 16.4	2.2	2.67		9620	86.5	289.8	38.0
	-I Z SL	-	09 27 16.5	7.0						
	E Z FS	-	09 27 25.8							
	E Z SL	PP	09 30 13.-							
	E Z SL	S	09 37 40.-							
	E Z SL	SS	09 43 24.-							
	E Z SL	LR	09 54 36.-	50.0						
	Z SL	-	10 00 00.-	28.0						
KRL	-E Z ST	P	09 27 23.9	1.5		2	9780	87.9	290.8	39.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	09 27 22.9				9780	87.9	290.7	40.0
STU	-E Z BE	P	09 27 25.0	2.0	2.73	3	9840	88.5	291.4	39.6
GRF	-E Z BE	P	09 27 30.2			4	9940	89.4	292.9	38.3
	E Z BE	PP	09 30 58.2			3				
BRN	-E Z ET	P	09 27 30.8			3	9950	89.4	294.4	35.3
	+E Z ET	PP	09 31 03.-			4				
HOF	-E Z SL	P	09 27 31.-	4.0	2.85	9	9960	89.5	293.4	37.5
	-I Z SL	PP	09 31 03.-	2.0	2.90	9				
	+I Z SL	-	09 31 09.-	5.0	3.11	3				
	+E Z SL	APP	09 31 19.-	4.0	2.85	9				
FUR	-I Z SL	P	09 27 32.-	2.0	2.48	9	10010	90.0	293.0	39.7
	-E Z SL	-	09 27 37.-	4.0	3.00	7				
	-I Z SL	AP	09 27 42.-	2.4	2.40	7				
	+I Z SL	XP	09 27 46.-	1.7	2.11	3				
	+I Z SL	-	09 28 05.-	2.0	2.18	1				
	+I Z SL	PP	09 31 08.-	2.0	2.70	8				
	-I Z SL	APP	09 31 19.-	2.0	2.18	2				
	Z SL	QM	09 58 00.-	39.0	3.48					
SEP 16 ERL H= 10 43 32.7 LAT = 20.6 S LONG= 174.8 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 TONGA ISLANDS										
GRF	E Z BE	PKP	11 03 33.1			1	16750	150.6	11.6	352.0
SEP 16 ERL H= 10 51 38.6 LAT = 2.2 N LONG= 128.2 E DEPTH=147 KM MAGNITUDE= 5.6 HALMAHERA										
GRF	E Z BE	PKP	11 09 53.8			2	11720	105.4	67.4	323.1
SEP 16 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	11 18 53.0							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 16 ERL H= 13 53 32.0 LAT = 0.8 S LONG= 13.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 NORTH OF ASCENSION ISLAND										
BUH	E Z GT	P	14 02 44.5				5850	52.6	207.2	17.6
STU	-E Z BE	P	14 02 47.5	0.7	1.54	2	5890	53.0	208.3	18.3
FUR	+E Z SL	P	14 02 48.-	1.5	1.62	6	5910	53.1	211.0	20.2
	-I Z SL	-	14 03 07.-	1.9	2.00	2				
	-E Z SL	-	14 03 38.-	1.5	2.49	2				
GRF	+E Z BE	P	14 02 58.4			2	6050	54.4	210.3	19.2
	E Z BE	PP	14 04 53.8			1				
SEP 16 ERL H= 14 06 26.1 LAT = 41.3 N LONG= 20.7 E DEPTH= 6 KM MAGNITUDE= 5.2 ALBANIA										
SEP 16 BCS H= 14 06 28.0 LAT = 41.4 N LONG= 20.9 E ALBANIA										
NOS= SLIGHT DAMAGE (VI) AT KICEJO, YUGOSLAVIA.										
FUR	-I Z SL	P	14 08 51.-	1.0	2.12	2	1060	9.6	131.9	318.6
	+E Z SL	PP	14 08 59.-	1.7	1.81	2				
	+I Z SL	-	14 09 09.-	1.5	1.54	5				
	-I Z SL	-	14 09 58.-	1.7	1.99	2				
	Z SL	QM	14 12 20.-	2.3	2.88					
GRF	E Z BE	P	14 09 01.3			1	1190	10.7	137.8	324.6
HOF	E SL	QM	14 13 13.-	8.0	3.14		1210	10.9	142.1	328.5
STU	E Z BE	P	14 09 05.1	0.8	1.72	2	1230	11.0	128.0	316.2
BUH	E Z GT	P	14 09 11.5				1280	11.5	125.0	313.9
BNS	E Z FS	P	14 09 44.5				1490	13.4	130.5	320.3
	E Z FS	-	14 11 55.-							
	E Z SL	LR	14 15 00.-							
	Z SL	-	14 15 16.-	8.0						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 16 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	14 41 54.-	2.0	2.00	2				
	+E Z SL	-	14 42 10.-	2.0	2.05	2				
SEP 16 NO DETERMINATION OF EPICENTER										
STU= WESTERN SWABIAN JURA, GERMANY. H= 21 56 52.0, 48 DEG. 13 MIN. N, 8 DEG. 55 MIN. E, DEPTH= 2 KM., ML= 2.9										
MSS	I E ST	PG	21 56 56.3							
	-I E ST	SG	21 56 56.7							
STU	E Z BE	PG	21 57 06.5	0.2	1.90	1				
	E E BE	SG	21 57 15.0	0.5	2.43	2				
BUH	-I Z GT	PG	21 57 07.0							
GRF	E Z BE	PG	21 57 32.8			1				
	E N BE	SG	21 57 58.2			2				
SEP 17 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	00 59 48.4							
SEP 17 ERL H= 09 18 49.7 LAT = 20.5 S LONG= 178.8 W DEPTH=625 KM MAGNITUDE= 4.4 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	09 37 31.8			2	16650	149.8	18.8	347.1
SEP 17 BCS H= 14 07 12.0 LAT = 38.2 N LONG= 20.3 E GREECE										
SEP 17 ERL H= 14 07 15.6 LAT = 38.3 N LONG= 20.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.6 GREECE										
BCIS= SOME TEN INJURED, FOURTY HOUSES DESTROYED AT LIXOURI. FELT										

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
WIDELY IN IONIAN ISLES. MAG. 6.4 (BRK). MPV= 5.8 (BNS), MLH= 6.3 (BNS)										
FUR	+I Z SL	P	14 10 01.-	1.0	2.66	9	1330	11.9	143.3	329.5
	Z SL	MAXIMUM	14 17 00.-	6.0	4.94					
GRF	-E Z BE	P	14 10 17.9			2	1470	13.2	147.0	333.3
	E Z BE	S	14 13 05.0			2				
STU	+I Z BE	P	14 10 19.0	0.8	3.01	6	1480	13.3	138.6	326.3
HOF	+E Z SL	P	14 10 24.-	2.0	2.68	9	1500	13.5	150.4	336.3
	-I Z SL	PP	14 10 39.-	2.8	3.05	5				
	+E Z SL	XPP	14 10 50.-	2.0	2.93	5				
	+I Z SL	S	14 12 55.-	2.0	2.95	3				
	-I Z SL	SS	14 13 18.-	3.0	3.31	8				
	Z SL	RM	14 18 00.-	11.0	5.52					
BUH	E Z GT	P	14 10 24.4				1520	13.6	135.7	324.0
KRL	+E Z ST	P	14 10 30.0	0.7		2	1530	13.8	137.1	325.3
TNS	I Z SL	P	14 10 40.-			3	1630	14.7	140.4	328.7
	I Z SL	PP	14 11 03.-			9				
	E N SL	S	14 13 38.-			9				
	E N SL	SS	14 14 19.-			9				
BRN	-I Z ET	P	14 10 49.8			9	1670	15.1	158.0	343.1
BNS	+I Z FS	P	14 10 55.0	2.0	3.26		1760	15.8	138.9	328.1
	+I Z SL	-	14 10 55.-	18.0						
	I Z FS	-	14 10 58.0							
	E N X	-	14 13 26.-							
	+I Z SL	S	14 14 00.-							
	E Z SL	LR	14 14 34.-	50.0						
	E X	-	14 18 25.-	8.0	4.97					
	N X	-	14 18 25.-	8.0	4.04					
	Z SL	-	14 19 00.-	14.0						
BOC	E Z BA	P	14 11 03.5	2.5	3.78	2	1800	16.2	140.2	329.5
	E BA	S	14 14 17.5	6.5	4.57	6				
	E BA	MAXIMUM	14 16 50.0	14.0	5.70					
HLG	+I Z SL	P	14 11 24.-			9	2010	18.1	147.0	336.0
	- Z X	P	14 11 24.-			3				
	Z SL	S	14 15 50.5			8				

SEP 17 ERL
H= 14 44 10.3
LAT = 38.5 N
LONG= 20.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
GREECE

FUR	-I Z SL	P	14 46 56.-	1.8	2.04	9	1300	11.7	142.5	328.7
	+I Z SL	PP	14 47 06.-	1.5	1.66	2				
	-I Z SL	PPP	14 47 13.-	1.5	1.59	2				

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	14 47 53.-	1.8	2.00	3				
	Z SL	MAXIMUM	14 53 30.-	14.0	3.75					
GRF	E Z BE	P	14 47 13.2			2	1440	13.0	146.4	332.7
	E Z BE	PP	14 47 26.2			4				

SEP 17
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	15 40 30.-	1.5	1.28	3				
	-E Z SL	-	15 43 10.-	1.8	1.70	5				

SEP 17
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	15 47 49.0	1.5	1.48					

SEP 17 ERL
H= 16 18 13.6
LAT = 24.4 S
LONG= 13.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
SOUTH ATLANTIC RIDGE

FUR	+E Z SL	P	16 29 57.-	1.5	1.08	1	8390	75.4	202.8	16.5
	+E Z SL	AP	16 30 05.-	1.9	1.64	4				
GRF	E Z BE	P	16 30 03.4			1	8540	76.8	202.6	15.9

SEP 17
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	17 02 22.0			2				

SEP 17 ERL
H= 17 37 48.5
LAT = 35.9 N
LONG= 73.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
NORTHWESTERN KASHMIR

GRF	+I Z BE	P	17 46 13.5	1.5	2.40	6	5140	46.3	82.8	307.4
	E Z BE	PP	17 48 05.1			2				
FUR	+I Z SL	P	17 46 14.-	1.5	2.09	9	5160	46.4	81.4	305.3
	+I Z SL	XP	17 46 25.-	1.5	1.59	3				
	-I Z SL	-	17 46 44.-	1.3	2.03	2				
	-I Z SL	PCP	17 47 47.-	1.5	1.62	3				
	-I Z SL	PP	17 48 04.-	1.8	2.00	1				
STU	+E Z BE	P	17 46 23.0	1.1	1.93	3	5300	47.7	80.6	306.5

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
KRL	+E Z ST	P	17 46 28.6	1.3		2	5360	48.2	80.3	306.9
BUH	E Z GT	P	17 46 28.9				5380	48.3	79.9	306.5
BNS	+I Z FS	P	17 46 31.1	1.5	1.90		5410	48.6	81.2	309.6

SEP 17
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	20 22 42.1			2				

SEP 17 ERL
H= 20 56 52.3
LAT = 5.7 N
LONG= 77.6 W
DEPTH= 22 KM
MAGNITUDE= 4.9
NEAR WEST COAST OF COLOMBIA

BUH	E Z GT	P	21 09 17.3				9230	83.0	270.7	41.8
STU	+E Z BE	P	21 09 20.2	1.0	1.64	2	9300	83.6	271.4	41.7
GRF	+E Z BE	P	21 09 25.7			3	9440	84.9	272.8	40.7
FUR	-I Z SL	P	21 09 28.-	1.5	1.54	2	9460	85.0	273.0	42.2
	+E Z SL	AP	21 09 37.-	2.0	2.00	2				

SEP 17 ERL
H= 21 17 39.2
LAT = 5.7 N
LONG= 77.6 W
DEPTH= 22 KM
MAGNITUDE= 5.4
NEAR WEST COAST OF COLOMBIA

BNS	+I Z FS	P	21 30 00.5	1.5	2.00		9150	82.3	269.6	39.5
	+I Z SL	-	21 30 01.-	6.0						
	E Z FS	-	21 30 09.-							
BUH	E Z GT	P	21 30 04.1				9220	83.0	270.6	41.8
STU	+E Z BE	P	21 30 07.1	1.1	1.95	3	9290	83.6	271.4	41.7
GRF	+E Z BE	P	21 30 14.5	1.4	2.02	4	9440	84.9	272.8	40.7
	E Z BE	PP	21 33 34.8			2				
FUR	+I Z SL	P	21 30 14.-	1.9	2.43	9	9450	85.0	273.0	42.2
	-I Z SL	AP	21 30 23.-	1.8	2.18	2				
	-I Z SL	-	21 31 06.-	1.8	2.00	3				
HOF	+E Z SL	P	21 30 17.-	4.0	2.75	8	9480	85.3	273.2	40.0
BRN	+I Z ET	P	21 30 20.7			3	9560	86.0	274.1	37.9

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.

SEP 17 ERL
H= 23 25 26.4
LAT = 31.8 N
LONG= 141.6 E
DEPTH= 16 KM
MAGNITUDE= 4.8
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	23 38 15.7			1	9750	87.7	40.4	330.3

SEP 18 ERL
H= 00 50 34.6
LAT = 24.8 S
LONG= 179.8 E
DEPTH=499 KM
MAGNITUDE= 4.7
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	01 09 52.2			2	17080	153.6	23.7	343.3

SEP 18
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	01 00 55.7			1				

SEP 18
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	01 03 05.-	1.5	1.28	1				

SEP 18 ERL
H= 01 45 04.3
LAT = 35.9 N
LONG= 24.6 E
DEPTH= 87 KM
MAGNITUDE= 4.0
CRETE

GRF	E Z BE	P	01 48 56.8			1	1870	16.9	139.8	328.9

SEP 18 ERL
H= 02 10 01.9
LAT = 24.5 S
LONG= 13.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
SOUTH ATLANTIC RIDGE

FUR	+E Z SL	P	02 21 45.-	1.5	1.36	3	8410	75.6	203.0	16.7
	-E Z SL	AP	02 21 51.-	1.5	1.28	5				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 18 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	05 24 05.-	1.9	1.75	5				
SEP 18 ERL H= 05 36 53.3 LAT = 19.5 N LONG= 70.1 W DEPTH= 13 KM MAGNITUDE= 4.8 DOMINICAN REPUBLIC REGION										
FUR	+E Z SL	P	05 48 09.-	1.7	1.61	1	7790	70.0	277.2	44.8
	-E Z SL	XP	05 48 17.-	1.5	1.28	1				
SEP 18 ERL H= 07 14 18.8 LAT = 22.4 S LONG= 168.2 E DEPTH= 10 KM MAGNITUDE= 4.7 LOYALTY ISLANDS										
GRF	E Z BE	PKP	07 34 00.3			2	16160	145.5	40.3	333.4
SEP 18 ERL H= 08 22 24.8 LAT = 38.2 N LONG= 20.2 E DEPTH= 14 KM MAGNITUDE= 4.6 GREECE										
SEP 18 BCS H= 08 23 27.0 LAT = 38.2 N LONG= 20.3 E GREECE										
FUR	+I Z SL	P	08 23 14.-	1.8	2.18	9	1320	11.9	143.4	329.5
	+I Z SL	PP	08 23 24.-	1.8	2.70	5				
	+I Z SL	PPP	08 23 31.-	1.5	1.59	1				
	-E Z SL	-	08 23 47.-	1.7	1.95	4				
	-I Z SL	S	08 25 21.-	1.2	1.85	2				
	+I Z SL	SS	08 25 38.-	1.3	1.73	2				
	+I Z SL	SSS	08 25 44.-	1.5	1.43	1				
	+I Z SL	-	08 26 15.-	1.7	1.91	2				
	Z SL	RM	08 28 40.-	3.6	2.92					
GRF	E Z BE	P	08 23 30.5			1	1460	13.1	147.1	333.4
HOF	Z SL	PM	08 31 00.-	11.0	3.09		1500	13.5	150.5	336.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	08 23 33.7				1510	13.6	135.7	324.0
BNS	E Z FS	P	08 24 07.5	2.0	1.70		1750	15.7	138.9	328.2
	Z SL	-	08 32 10.-	12.0						
SEP 18 ERL H= 10 42 49.8 LAT = 20.6 S LONG= 168.5 E DEPTH= 21 KM MAGNITUDE= 4.8 LOYALTY ISLANDS										
HOF	-E Z SL	-	11 04 46.-	2.0	2.20	5	16130	145.0	40.4	333.7
GRF	+E Z BE	PKP	11 02 29.9			4	16210	145.8	40.0	333.5
BNS	E Z FS	PKP	11 02 30.5	2.0	1.60		16270	146.3	32.7	338.6
FUR	-I Z SL	PKP1	11 02 31.-	1.5	1.49	2	16340	146.9	41.6	331.7
	-I Z SL	PKHKP	11 02 35.-	1.5	1.76	2				
	+I Z SL	-	11 02 55.-	1.5	1.59	3				
STU	E Z BE	PKP	11 02 34.0	1.0	1.75	2	16380	147.3	37.8	334.4
BUH	E Z GT	PKP	11 02 33.6				16430	147.8	36.4	335.2
SEP 18 ERL H= 12 14 18.7 LAT = 40.7 N LONG= 141.2 E DEPTH=105 KM MAGNITUDE= 4.9 NEAR EAST COAST OF HONSHU, JAPAN										
GRF	E Z BE	P	12 26 15.6	0.7	1.19	2	8870	79.8	36.2	329.6
SEP 18 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	P	14 40 04.-	1.5	1.28	5				
	Z SL	MAXIMUM	14 45 25.-	3.0	2.35					
GRF	E Z BE	P	14 40 33.8			1				
SEP 18 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	15 41 29.-	1.5	1.18	2				
	Z SL	MAXIMUM	15 48 40.-	7.0	2.77					
SEP 18 NO DETERMINATION OF EPICENTER										

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	18 23 02.0			2				

SEP 18
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	18 28 22.6			2				

SEP 18
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	19 06 50.6							
GRF	E Z BE	PG	19 07 32.5			1				
	E N BE	SG	19 08 33.0			1				

SEP 18 ERL
H= 20 35 38.2
LAT = 10.0 S
LONG= 119.6 E
DEPTH= 46 KM
MAGNITUDE= 5.7
SUMBA ISLAND REGION

GRF	E Z BE	PKP	20 54 05.6			1	12160	109.4	82.4	319.2
	+E Z BE	-	20 54 34.6			4				
FUR	-E Z SL	PKP1	20 54 07.-	1.5	1.54	2	12180	109.5	83.0	317.6
	+I Z SL	-	20 54 30.-	1.9	2.05	3				
	-I Z SL	PP	20 54 35.-	1.8	2.00	3				
BUH	E Z GT	PKP	20 54 09.8				12400	111.5	80.5	318.4

SEP 18 ERL
H= 21 42 00.3
LAT = 35.8 N
LONG= 73.5 E
DEPTH= 35 KM
MAGNITUDE= 4.8
NORTHWESTERN KASHMIR

GRF	E Z BE	P	21 50 25.7			1	5170	46.5	82.8	307.5

SEP 19 ERL
H= 01 36 52.4
LAT = 19.5 N
LONG= 70.1 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.8
DOMINICAN REPUBLIC REGION

BNS	E Z FS	P	01 47 44.0	2.4	2.48		7470	67.1	273.1	42.0
	-I Z SL	-	01 47 46.-	12.0						
	I Z FS	-	01 47 49.0							

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z SL	S	01 56 36.-							
	E Z SL	-	02 01 04.-							
	E Z SL	LR	02 07 53.-	36.0						
	Z SL	-	02 11 20.-	22.0						
HLG	Z SL	P	01 47 51.8			3	7500	67.4	272.3	38.5
BUH	E Z GT	P	01 47 50.4				7560	68.0	274.8	44.5
TNS	2E N SL	P	01 47 53.1			5	7560	68.0	274.4	42.8
	E N SL	S	01 56 51.-			3				
KRL	-I Z WH	P	01 47 53.8	2.0		6	7570	68.1	274.8	44.1
	-E Z WH	S	01 56 50.0	4.0		2				
STU	E Z BE	P	01 47 52.5	2.5	3.17	1	7630	68.6	275.5	44.3
	E E SL	S	01 56 58.0	10.0	3.61	2				
GRF	E Z BE	P	01 48 04.8			2	7770	69.8	276.6	43.2
FUR	+E Z SL	P	01 48 05.-	2.0	2.05	5	7790	70.1	277.2	44.8
	-I Z SL	AP	01 48 12.-	2.0	2.68	3				
	+I Z SL	XP	01 48 18.-	2.0	2.46	2				
	-I Z SL	PCP	01 48 28.-	1.5	1.98	4				
	-I Z SL	XPCP	01 48 42.-	2.0	2.10	1				
	+I Z SL	-	01 48 52.-	2.0	2.33	2				
	-E Z SL	APP	01 50 50.-	1.8	2.11	3				
	E SL	QM	02 12 00.-	24.0	4.20					
HOF	+E Z SL	P	01 48 08.-	6.0	3.19	9	7800	70.2	276.9	42.4
	+E Z SL	AP	01 48 14.-	5.0	2.94	1				
	+E Z SL	XP	01 48 22.-	5.0	2.89	9				
	+E Z SL	PP	01 50 41.-	6.0	2.71	2				
	-E Z SL	XPP	01 50 58.-	4.0	2.69	4				
	-E Z SL	XS	01 57 25.-	8.0	3.05	4				
	Z SL	QM	02 14 00.-	20.0	4.31					
BRN	-E Z ET	P	01 48 11.9			2	7870	70.8	277.1	40.1
	-I Z ET	AP	01 48 17.4			3				
	-E Z ET	S	01 57 25.-			2				

SEP 19
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	02 15 59.5			1				
FUR	-E Z SL	-	02 16 00.-	1.5	1.28	3				
	-E Z SL	-	02 16 08.-	2.0	1.94	2				

SEP 19
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	04 08 15.3			2				

SEP 1972 — SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 19 NO DETERMINATION OF EPICENTER										
GRF	E Z BF	PG	11 51 38.2			2				
	E N BE	SG	11 52 10.5			2				
SEP 19 NO DETERMINATION OF EPICENTER										
GRF	E Z BF	PG	12 00 57.1			2				
	E N BE	SG	12 01 24.8			2				
SEP 19 ERL H= 15 08 19.1 LAT = 5.7 S LONG= 148.1 E DEPTH=202 KM MAGNITUDE= 5.4 NEW BRITAIN REGION										
GRF	E Z BE	PKP	15 26 54.9			2	13690	123.1	54.3	328.0
	E Z BE	PP	15 28 25.6			1				
	E Z BE	-	15 36 45.5			1				
FUR	+E Z SL	PKP1	15 26 53.-	1.7	1.76	1	13780	124.0	55.2	326.5
SEP 19 ERL H= 17 40 13.6 LAT = 19.2 S LONG= 173.8 W DEPTH= 55 KM MAGNITUDE= 5.4 TONGA ISLANDS										
BNS	+I Z FS	PKP	17 59 56.0	1.4	1.90		16490	148.3	1.7	358.9
	E Z FS	-	18 00 26.-							
GRF	+E Z BE	PKP	17 59 58.9	1.5	2.10	3	16600	149.3	9.3	353.6
BUH	E Z GT	PKP	17 59 55.8				16740	150.6	3.9	357.3
FUR	+I Z SL	PKP1	18 00 01.-	1.3	2.16	9	16770	150.8	9.8	353.1
	-I Z SL	PKHKP	18 00 09.-	1.7	2.09	3				
	-I Z SL	PKP2	18 00 17.-	1.5	1.43	2				
	-E Z SL	-	18 00 22.-	1.5	1.43	1				
	+E Z SL	APKP	18 00 28.-	2.0	2.10	5				
	-I Z SL	-	18 00 49.-	1.5	1.59	3				
SEP 19 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	P	18 09 01.-	1.8	1.95	2				
	-I Z SL	-	18 09 43.-	1.7	1.91	9				

SEP 1972 — SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 19 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	18 20 20.-	1.5	1.28	2				
SEP 19 BCS H= 19 50 22.0 LAT = 40.2 N LONG= 19.9 E ALBANIA BCIS= FELT WITH MAX. INT. V-VI AT KUDHES.										
FUR	+E Z SL	-	19 55 14.-	1.5	1.28	1	1120	10.1	139.0	325.0
	+E Z SL	-	19 55 28.-	1.5	1.28	1				
SEP 20 ERL H= 00 10 12.8 LAT = 12.5 N LONG= 92.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 ANDAMAN ISLANDS REGION										
GRF	E Z BE	P	00 21 52.4			1	8320	74.8	88.6	318.3
SEP 20 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	01 26 14.5							
SEP 20 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	04 28 18.-	1.9	1.75	1				
SEP 20 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PN	04 34 41.0			1				
	E N BE	SG	04 35 26.1			2				
SEP 20 ERL H= 07 45 17.0 LAT = 19.3 S LONG= 173.8 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 TONGA ISLANDS										

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HLG	+ Z SL	PKP	08 04 53.6			3	16140	145.2	2.8	358.2
	+ Z X	PKP	08 04 54.1			2				
HAM	+I Z SX	PKP	08 04 55.7			9	16210	145.8	6.3	356.0
BNS	+I Z FS	PKP	08 05 02.5	1.8	2.28		16510	148.4	1.8	358.8
	+E Z SL	-	08 05 02.5	9.0						
	E Z SL	-	08 07 36.-							
	Z SL	-	08 12 30.-	20.0						
HOF	-E Z SL	PKP1	08 05 01.-	2.0	2.20	5	16540	148.8	10.4	352.9
	-I Z SL	PKP2	08 05 12.-	2.0	2.35	7				
	-E Z SL	XPKP	08 05 16.-	4.0	2.85	2				
	+E Z SL	XPKP	08 05 27.-	1.7	2.22	6				
GRF	+E Z BE	PKP	08 05 05.7	1.8	2.47	6	16620	149.4	9.4	353.6
KRL	-E Z ST	PKP	08 05 08.6	1.1		2	16720	150.3	4.3	357.0
STU	+E Z BE	PKP	08 05 02.0	1.0	2.00	2	16740	150.5	5.8	355.9
BUH	E Z GT	PKP	08 05 02.0				16760	150.7	4.0	357.2
FUR	-I Z SL	PKP1	08 05 02.-	1.5	1.54	9	16780	150.9	10.0	353.0
	+I Z SL	PKHKP	08 05 09.-	1.5	2.02	9				
	+I Z SL	PKP2	08 05 16.-	1.3	2.36	9				
	-I Z SL	APKP	08 05 28.-	1.3	2.25	5				
	+E Z SL	-	08 06 29.-	1.7	1.95	2				
	-I Z SL	-	08 06 50.-	1.5	1.59	9				

SEP 20
NO DETERMINATION OF EPICENTER

FUR	+I Z SL	P	09 08 20.-	1.5	1.73	9	

SEP 20
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	11 52 06.7			1	
	E N BE	SG	11 52 30.9			2	

SEP 20 ERL
H= 17 02 47.1
LAT = 4.2 S
LONG= 101.6 E
DEPTH= 66 KM
MAGNITUDE= 5.2
SOUTHERN SUMATRA

GRF	E Z BE	P	17 15 57.6			1	10380	93.4	92.4	319.4

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

SEP 20 ERL
H= 20 44 53.2
LAT = 14.4 N
LONG= 56.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
ARABIAN SEA

FUR	+I Z SL	P	20 53 47.-	2.0	2.00	4	5590	50.2	116.3	321.7
	-I Z SL	-	20 53 49.-	1.8	2.42	9				
	-I Z SL	AP	20 53 53.-	1.5	2.16	3				
	-I Z SL	XP	20 53 58.-	1.8	2.34	2				
	+I Z SL	-	20 54 14.-	1.5	1.89	7				
	-I Z SL	-	20 54 44.-	1.2	1.78	2				
	+I Z SL	PCP	20 55 04.-	1.2	1.85	4				
	-I Z SL	PP	20 55 38.-	2.0	2.14	9				
	-I Z SL	APP	20 55 48.-	2.0	2.14	9				
	+I Z SL	PPP	20 56 35.-	1.9	2.00	2				
	+I Z SL	-	20 56 56.-	2.0	2.10	2				
HOF	+E Z SL	P	20 53 54.-	1.5	2.09	5	5660	50.9	118.4	324.4
	-E Z SL	-	20 54 00.-	1.5	2.09	2				
	-E Z SL	-	20 54 32.-	1.5	2.09	5				
GRF	E Z BE	P	20 53 52.7			3	5670	51.0	117.3	323.4
BUH	E Z GT	P	20 54 02.5				5820	52.3	113.7	321.2
BNS	I Z FS	P	20 54 16.0	1.5	1.78		5990	53.8	114.2	323.5
	E Z FS	-	20 54 41.0							

SEP 20 ERL
H= 20 52 36.2
LAT = 14.3 N
LONG= 56.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
ARABIAN SEA

FUR	-I Z SL	P	21 01 32.-	1.5	1.54	2	5590	50.3	116.5	321.8
	+I Z SL	AP	21 01 42.-	1.8	1.85	4				
	-E Z SL	-	21 01 52.-	1.5	1.36	2				
	-I Z SL	-	21 02 12.-	2.0	2.14	9				
HOF	+E Z SL	-	21 01 43.-	3.0	2.19	3	5670	50.9	118.7	324.5
GRF	E Z BE	P	21 01 37.6			3	5670	51.0	117.6	323.6

SEP 20 ERL
H= 22 10 15.4
LAT = 51.8 N
LONG= 174.0 E
DEPTH= 26 KM
MAGNITUDE= 5.0
NEAR ISLANDS, ALEUTIAN ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	E Z FS	P	22 22 06.5	2.5	1.70		8560	77.0	8.3	351.5
GRF	E Z BE	P	22 22 12.7			2	8660	77.8	10.8	348.7
BUH	E Z GT	P	22 22 19.0				8800	79.2	8.9	350.5
FUR	+I Z SL	P	22 22 21.-	1.5	1.28	2	8820	79.3	10.8	348.3
	-E Z SL	AP	22 22 28.-	1.5	1.28	5				
	-E Z SL	-	22 23 30.-	1.7	1.69	3				

SEP 21 ERL
H= 00 10 13.3
LAT = 3.0 N
LONG= 96.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
NORTHERN SUMATRA

FUR	-I Z SL	P	00 22 43.-	1.5	1.49	3	9380	84.4	91.8	317.9
	+E Z SL	AP	00 22 51.-	1.5	1.43	4				
	+I Z SL	XP	00 22 54.-	1.7	1.86	3				
	-E Z SL	-	00 23 12.-	1.7	1.69	6				
	-E Z SL	-	00 23 42.-	1.5	1.49	8				
GRF	+E Z BE	P	00 22 44.9	0.9	1.51	3	9390	84.5	91.9	319.5
BUH	E Z GT	P	00 22 53.9				9610	86.4	89.6	318.4
BNS	+I Z FS	P	00 22 57.0	2.0	1.60		9680	87.1	88.9	320.7
	E Z FS	-	00 23 23.5							

SEP 21 ERL
H= 00 46 40.4
LAT = 3.0 N
LONG= 96.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
NORTHERN SUMATRA

GRF	+E Z BE	P	00 59 12.1			2	9390	84.5	91.9	319.5
BUH	E Z GT	P	00 59 20.8				9610	86.4	89.6	318.4

SEP 21 BCS
H= 02 21 48.0
LAT = 38.0 N
LONG= 20.2 E
GREECE

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

SEP 21 ERL
H= 02 21 48.5
LAT = 38.0 N
LONG= 20.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.0
GREECE

FUR	+E Z SL	P	02 24 31.-	1.5	1.18	1	1340	12.1	143.9	330.1
	-E Z SL	-	02 24 37.-	1.7	1.61	2				
GRF	E Z BE	P	02 25 03.1			1	1490	13.4	147.6	333.8

SEP 21 BCS
H= 05 45 29.0
LAT = 43.7 N
LONG= 18.0 E
YUGOSLAVIA

338.47
355.39

BCIS= FELT AT MOSTAR (SAR).

FUR	-E Z SL	PG	05 47 50.-	1.8	1.70	5	720	6.4	130.8	315.6
	+E Z SL	SB	05 48 42.-	1.5	1.18	2				
	-I Z SL	SG	05 49 03.-	1.8	1.90	4				
	Z SL	MAXIMUM	05 49 47.-	1.9	2.05					
GRF	E Z BE	P	05 46 25.0			1	840	7.6	139.3	324.3

SEP 21
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	07 53 13.8			1				

SEP 21 ERL
H= 08 59 57.0
LAT = 52.1 N
LONG= 52.0 E
DEPTH= 0 KM
MAGNITUDE= 5.2
WESTERN RUSSIA

SEP 21 BCS
H= 09 00 00.0
LAT = 52.3 N
LONG= 52.4 E
WESTERN RUSSIA

BCIS= NORTH OF CASPIAN SEA. PROBABLY ARTIFICIAL. (UPP).

GRF	-E Z BE	P	09 05 30.7	0.8	1.67	2	2850	25.6	68.8	280.9
FUR	+I Z SL	P	09 05 36.-	1.0	2.06	6	2910	26.1	65.9	277.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+E Z SL	-	09 05 49.-	1.5	1.43	2				
	+E Z SL	-	09 06 41.-	1.5	1.28	5				
BNS	E Z FS	P	09 06 02.-				3070	27.6	69.9	285.6
	E Z FS	-	09 06 14.5	1.0	1.30					

SEP 21 ERL
H= 15 30 00.2
LAT = 37.1 N
LONG= 116.0 W
DEPTH= 0 KM
MAGNITUDE= 5.7
SOUTHERN NEVADA

NOS= 37 DEG. 04 MIN. 55.4 SEC. N, 115 DEG. 02 MIN. 11.6 SEC. W,
NEVADA TEST SITE. MAG. 5.4 (BRK).

BNS	+I Z FS	P	15 42 07.3	1.4	2.15		8800	79.2	317.1	32.6
	E Z FS	-	15 42 41.-							
	E Z FS	-	15 43 25.-							
BUH	E Z GT	P	15 42 18.5				9040	81.3	318.0	33.7
GRF	+E Z BE	P	15 42 21.9	1.2	1.87	4	9100	81.8	320.0	31.5
FUR	-I Z SL	P	15 42 28.-	1.2	2.48	5	9230	83.0	320.1	32.4
	+E Z SL	-	15 42 51.-	2.0	1.94	2				
	+I Z SL	-	15 43 32.-	2.0	2.10	3				
	-I Z SL	-	15 44 16.-	1.5	1.59	3				

SEP 21 STR
H= 18 01 01.4
LAT = 47.7 N
LONG= 7.3 E
DEPTH= 0 KM (GEOPHYSICIST)
FRANCE

STR= EXPLOSION. SEISMIC EXPERIMENT IN THE RHINEGRABEN. SHOT NO. 4
H= 18 01 01.407, 47 DEG. 40 MIN. 21.468 SEC. N,
07 DEG. 19 MIN. 54.156 SEC. E., CHARGE= 1000 KG

BUH	E Z GT	PN	18 01 22.9				130	1.2	211.2	30.5

SEP 21
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	20 16 28.5	2

SEP 21
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	21 19 31.6	2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

SEP 22 ERL
H= 03 41 27.2
LAT = 50.4 N
LONG= 156.4 E
DEPTH= 80 KM (GEOPHYSICIST)
MAGNITUDE= 4.5
KURIL ISLANDS

GRF	E Z BE	P	03 53 06.9			2	8440	75.9	22.1	337.5

SEP 22 ERL
H= 08 02 55.9
LAT = 20.2 S
LONG= 178.0 W
DEPTH=608 KM
MAGNITUDE= 4.5
FIJI ISLANDS REGION

GRF	E Z BE	PKP	08 21 39.7			1	16650	149.7	17.4	348.1

SEP 22 ERL
H= 11 45 14.8
LAT = 16.5 S
LONG= 174.6 W
DEPTH=219 KM
MAGNITUDE= 5.5
TONGA ISLANDS

BNS	-I Z FS	PKP	12 04 29.3	1.7	2.85		16190	145.6	3.0	358.0
	E Z FS	-	12 05 13.0							
HOF	-I Z SL	PKP1	12 04 30.-	1.5	2.09	5	16220	145.8	11.1	352.6
	+I Z SL	PKHKP	12 04 31.-	1.5	2.92	7				
	-E Z SL	PKP2	12 04 34.-	1.5	2.09	5				
	+I Z SL	-	12 04 38.-	3.0	2.71	9				
	+I Z SL	APKP	12 05 21.-	1.5	2.09	5				
TNS	2E Z SL	PKP	12 04 31.1			5	16260	146.2	5.3	356.5
GRF	+E Z BE	PKP	12 04 31.9	1.6	2.86	5	16290	146.5	10.1	353.2
	E Z BE	APKP	12 05 21.5			2				
STU	-E Z BE	PKP	12 04 32.2	1.0	2.27	3	16420	147.6	6.8	355.3
BUH	E Z GT	PKP	12 04 33.8				16440	147.8	5.1	356.5
FUR	-I Z SL	PKP1	12 04 32.-	1.8	2.00	2	16460	148.0	10.7	352.6
	+I Z SL	PKHKP	12 04 38.-	2.0	2.85	8				
	+I Z SL	APKP	12 07 27.-	1.8	2.43	5				
	-I Z SL	XPKP	12 07 49.-	1.8	2.30	4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
									SEP 1972
		P	14 21 42.0			2	9561	86.0	40.5 329.8
			NO DETERMINATION OF EPICENTER						
		P	14 57 02.5	0.8	1.00				
		P	20 09 51.8			2	9220	82.9	62.5 324.1
		P	20 09 57.-			3	9361	84.1	60.2 325.9
		S	20 20 22.-			3			
		P	20 10 00.-	1.5	2.56	5	9410	84.6	61.4 322.6
		PKP	20 10 04.-	1.5	2.23	1			
		PP	20 10 09.-	2.0	2.80	4			
		APKP	20 10 19.-	2.0	2.73	2			
		PS	20 13 16.-	4.0	3.05	9			
		SCS	20 20 29.-	7.0	3.48	9			
		SP	20 21 14.-	10.0	3.81	9			
		PH	20 52 40.-	16.0	4.91				
		P	20 10 10.-			4	9430	84.8	58.6 327.2
		P	20 10 03.1	1.1	1.94	3	9490	85.3	60.8 322.2
		PP	20 13 21.3			2			
		S	20 20 32.0			3			
		P	20 10 06.-	1.5	2.33	9	9570	86.0	60.8 320.9
		PP	20 10 17.-	2.0	2.82	5			
		APKP	20 10 24.-	1.8	2.57	2			
		-	20 13 28.-	2.0	2.57	6			
		PS	20 13 34.-	2.0	2.27	3			
		-	20 13 37.-	1.5	2.00	5			
		APS	20 13 45.-	2.0	2.27	9			
		APS	20 13 52.-	2.2	2.42	2			
		SCS	20 20 47.-	1.8	2.83	4			
		SP	20 21 35.-	6.0	3.47	2			
		PH	20 50 30.-	15.0	4.46				
		P	20 10 10.9	2.4	2.36		9660	86.9	57.9 324.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
									SEP 1972
	+I Z SL	-	20 10 11.-	14.0					
	E Z SL	PP	20 13 32.-						
	E Z SL	S	20 20 40.-						
	E Z SL	SP	20 21 44.-						
	E Z SL	LR	20 39 10.-	50.0					
	Z SL	-	20 51 40.-	20.0					
STU	+E Z BE	P	20 10 10.0	2.0	2.43	2	9670	86.9	59.3 322.1
KRL	+E Z WH	-	20 20 12.0			3	9700	87.2	58.7 322.6
BUH	E Z GT	P	20 10 13.6				9730	87.5	58.6 322.3
			SEP 22 ERL						
			H= 22 53 13.2						
			LAT = 20.2 S						
			LONG= 178.4 W						
			DEPTH=578 KM						
			MAGNITUDE= 4.2						
			FIJI ISLANDS REGION						
GRF	E Z BE	PKP	23 11 53.3			1	16640	149.6	18.1 347.6
			SEP 23 ERL						
			H= 01 10 18.1						
			LAT = 21.0 S						
			LONG= 168.5 E						
			DEPTH= 33 KM						
			MAGNITUDE= 4.9						
			LOYALTY ISLANDS						
HOF	-E Z SL	PKP1	01 29 55.-	3.0	2.41	5	16170	145.4	40.8 333.4
GRF	E Z BE	PKP	01 29 57.0	1.0	1.71	2	16250	146.1	40.4 333.2
	E Z BE	-	01 30 06.3			3			
BNS	-I Z FS	PKP	01 29 58.0	1.4	1.90		16310	146.7	33.1 338.3
	E Z FS	-	01 30 08.8						
FUR	+I Z SL	PKP1	01 30 00.-	1.5	1.96	5	16380	147.3	42.1 331.3
	-I Z SL	APKP	01 30 11.-	1.5	1.76	5			
	-I Z SL	XPKP	01 30 17.-	1.5	1.66	2			
BUH	E Z GT	PKP	01 30 02.0				16480	148.2	36.8 334.9
			SEP 23 ERL						
			H= 01 53 16.7						
			LAT = 42.1 N						
			LONG= 25.2 E						
			DEPTH= 33 KM (NORMAL)						
			MAGNITUDE= 4.7						
			BULGARIA						

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 23 BCS										
H= 01 53 17.0										
LAT = 42.0 N										
LONG= 25.3 E										
BULGARIA										
FUR	+E Z SL	P	01 56 07.-	1.7	1.61	1	1280	11.5	115.4	306.3
GRF	E Z BE	P	01 56 11.5			1	1370	12.3	122.6	312.6
STU	-E Z BE	P	01 56 21.0	1.0	1.49	1	1450	13.1	114.6	306.1
SEP 23 ERL										
H= 02 14 26.8										
LAT = 22.3 N										
LONG= 121.4 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.4										
TAIWAN REGION										
HAM	E Z SX	P	02 26 57.-			2	9370	84.2	60.0	326.0
	E N WI	S	02 37 22.-			2				
HOF	+E Z SL	P	02 27 00.-	1.5	2.16	6	9420	84.7	61.2	322.6
	-I Z SL	PCP	02 27 03.-	3.0	3.01	2				
	+I Z SL	AP	02 27 10.-	3.0	2.97	3				
	+I Z SL	-	02 27 24.-	1.5	2.47	3				
	+E Z SL	PP	02 30 16.-	2.0	2.20	3				
	Z SL	RM	03 09 00.-	14.0	4.48					
GRF	+E Z BE	P	02 27 02.7			3	9500	85.4	60.7	322.3
	E Z BE	PP	02 30 16.4			2				
	E N GL	S	02 37 25.0			2				
FUR	+E Z SL	P	02 27 06.-	2.6	2.87	6	9580	86.1	60.7	320.9
	+I Z SL	AP	02 27 16.-	1.5	2.13	4				
	-I Z SL	-	02 27 18.-	1.5	2.40	9				
	-I Z SL	PP	02 30 28.-	2.6	2.69	9				
	N SL	RM	03 02 30.-	23.0	4.42					
BNS	+I Z FS	P	02 27 10.0	3.5	2.71		9670	87.0	57.8	324.7
	+E Z SL	-	02 27 10.-							
	+E Z FS	PP	02 30 34.-	3.0	2.48					
	+E Z SL	S	02 37 50.-							
	+E Z SL	SP	02 38 44.-							
	E Z SL	LR	02 56 00.-	50.0						
	Z SL	-	03 08 30.-	20.0						
KRL	+I Z WH	P	02 27 12.0	4.0		2	9710	87.3	58.6	322.6
BUH	E Z GT	P	02 27 11.5				9740	87.6	58.5	322.4

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 23 ERL										
H= 02 59 33.0										
LAT = 20.9 S										
LONG= 168.5 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.7										
LOYALTY ISLANDS										
GRF	E Z BE	PKP	03 19 11.8			2	16240	146.1	40.2	333.3
FUR	-I Z SL	PKP1	03 19 16.-	1.7	1.91	2	16370	147.2	41.9	331.5
	-I Z SL	APKP	03 19 25.-	1.5	1.54	9				
SEP 23										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	03 50 02.4							
SEP 23										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	07 01 48.2			2				
SEP 23 ERL										
H= 07 23 58.6										
LAT = 25.4 N										
LONG= 66.7 E										
DEPTH= 10 KM (GEOPHYSICIST)										
MAGNITUDE= 4.4										
WEST PAKISTAN										
GRF	E Z BE	P	07 32 47.8			1	5440	48.9	98.6	314.8
SEP 23 ERL										
H= 10 40 12.9										
LAT = 51.2 N										
LONG= 175.0 W										
DEPTH= 41 KM										
MAGNITUDE= 4.8										
ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	E Z BE	P	10 52 15.9			3	8820	79.3	4.0	355.9
SEP 23 STR										
H= 17 00 59.4										
LAT = 49.0 N										
LONG= 8.0 E										
DEPTH= 0 KM (GEOPHYSICIST)										
FRANCE										

STR= EXPLOSION. SEISMIC EXPERIMENT IN THE RHINEGRABEN. SHOT NO. 5

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
H= 18 00 59.422, 49 DEG. 0 MIN. 40.14 SEC. N, 8 DEG. 02 MIN. 16.008 SEC. E, CHARGE= 500 KG										
KRL	+I Z ST	PG	17 01 07.5	1.5		5	30	0.2	270.2	89.9
BUH	+I Z GT	PG	17 01 07.3				40	0.4	339.5	159.4
GRF	E Z JM	PN	17 01 39.2			1	240	2.2	253.0	70.6
	E Z JM	PG	17 01 42.6			4				
	E N BE	SG	17 02 13.3			1				
SEP 24 STR H= 08 01 01.2 LAT = 47.7 N LONG= 7.3 E DEPTH= 0 KM (GEOPHYSICIST) FRANCE										
STR= EXPLOSION. SEISMIC EXPERIMENT IN THE RHINEGRABEN. SHOT NO. 6 H= 08 01 01.183. 47 DEG. 34 MIN. 25.752 SEC. N 7 DEG. 19 MIN. 55.848 SEC. E, CHARGE= 2 800 KG										
BUH	E Z GT	PN	08 01 22.6				130	1.2	211.2	30.6
GRF	E Z JM	PG	08 02 03.3			2	360	3.3	233.3	50.4
	E N BE	SG	08 02 45.6			2				
SEP 24 ERL H= 20 09 35.6 LAT = 6.3 S LONG= 131.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.1 TANIMBAR ISLANDS REGION										
HOF	-E Z SL	XPKP	20 28 34.-	10.0	2.93	4	12600	113.3	70.7	322.5
	-E Z SL	-	20 29 01.-	4.0	2.85	2				
	+I Z SL	PP	20 29 10.-	2.0	2.50	9				
	-E Z SL	XPP	20 29 22.-	3.0	2.71	2				
	+E Z SL	PKS	20 31 51.-	2.0	2.50	9				
	+E Z SL	SKS	20 35 26.-	7.0	2.98	8				
	+I Z SL	SP	20 38 35.-	4.0	2.96	3				
	+E Z SL	-	20 38 50.-	6.0	3.01	2				
	-E Z SL	-	20 39 54.-	6.0	3.19	9				
	+E Z SL	SS	20 44 25.-	20.0	3.91	3				
	Z SL	RM	21 26 00.-	20.0	4.38					
HAM	E Z SX	PKP	20 28 04.-			2	12600	113.3	67.7	326.2
GRF	E Z BE	P	20 24 23.6			2	12670	113.9	70.3	322.0
	E Z BE	PKP	20 28 04.8			2				
	E Z BE	PP	20 29 10.8			2				
	E Z BE	PPP	20 31 29.5			2				

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HLG	- Z SL	PP	20 29 16.-			5	12690	114.1	65.5	327.4
FUR	+E Z SL	P	20 24 27.-	1.9	1.83	2	12720	114.4	71.0	320.4
	-I Z SL	-	20 24 57.-	2.0	2.00	4				
	+I Z SL	PKP1	20 28 16.-	1.7	1.91	2				
	-I Z SL	APKP	20 28 26.-	1.5	1.76	3				
	-I Z SL	XPKP	20 28 32.-	1.5	2.00	4				
	-I Z SL	PP	20 29 13.-	2.0	3.05	9				
	+I Z SL	APP	20 29 26.-	1.5	2.06	9				
	+I Z SL	XPP	20 29 32.-	2.0	2.54	6				
	+I Z SL	PPP	20 31 41.-	2.4	2.72	5				
	+I Z SL	SKS	20 35 29.-	2.0	2.40	9				
	+I Z SL	-	20 39 53.-	3.8	3.02	5				
	N SL	RM	21 11 00.-	32.0	4.79					
BNS	E Z SL	P	20 24 28.-				12880	115.9	66.3	324.4
	E Z FS	PKP	20 28 19.0							
	E Z FS	PP	20 29 20.-							
KRL	+E Z WH	PKP	20 28 20.0			3	12890	115.9	68.2	322.0
BUH	E Z GT	PKP	20 28 16.7				12910	116.1	68.2	321.7
SEP 24 ERL H= 22 39 15.1 LAT = 6.2 S LONG= 131.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 TANIMBAR ISLANDS REGION										
GRF	E Z BE	PKP	22 57 52.6			2	12660	113.8	70.3	322.1
	E Z BE	PP	22 58 45.0			1				
FUR	+E Z SL	APKP	22 58 04.-	1.7	1.69	6	12710	114.3	71.0	320.5
	-I Z SL	PP	22 58 53.-	2.0	2.10	2				
SEP 24 ERL H= 23 20 14.6 LAT = 6.4 S LONG= 131.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 TANIMBAR ISLANDS REGION										
FUR	+E Z SL	P	23 35 54.-	2.0	2.05	9	12730	114.5	71.1	320.4
	-I Z SL	PKP1	23 39 57.-	2.0	2.05	2				
	+E Z SL	-	23 40 04.-	2.0	1.94	1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 24 ERL H= 23 59 04.8 LAT = 6.3 S LONG= 131.1 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.8 TANIMBAR ISLANDS REGION										
GRF	E Z BE	PKP	00 17 42.4			1	12670	113.9	70.5	322.0
FUR	+E Z SL	PKP1	00 17 45.-	2.0	2.10	3	12720	114.4	71.2	320.4
	+E Z SL	-	00 17 52.-	2.0	1.94	2				
	+E Z SL	-	00 18 07.-	1.5	1.43	2				
	-E Z SL	-	00 18 32.-	1.5	1.54	2				
	-I Z SL	PP	00 18 50.-	1.8	2.04	2				
SEP 25 ERL H= 09 27 33.5 LAT = 38.5 N LONG= 141.8 E DEPTH= 58 KM MAGNITUDE= 5.2 NEAR EAST COAST OF HONSHU, JAPAN										
GRF	+I Z BE	P	09 39 49.1	0.8	1.53	6	9120	82.0	37.0	330.1
	E Z BE	AP	09 40 17.9			3				
FUR	-I Z SL	P	09 39 55.-	1.8	2.11	9	9250	83.2	36.9	329.2
	+E Z SL	XPCP	09 40 16.-	2.0	1.88	2				
	-I Z SL	-	09 40 25.-	1.5	1.66	4				
	+I Z SL	-	09 42 26.-	1.5	1.62	2				
BUH	E Z GT	P	09 39 58.4				9340	83.9	34.9	331.1
SEP 25 ERL H= 11 30 17.8 LAT = 9.8 N LONG= 93.9 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 NICOBAR ISLANDS REGION										
FUR	+I Z SL	P	11 42 13.-	1.8	2.15	9	8660	77.9	88.8	317.2
	-E Z SL	-	11 43 05.-	1.9	1.83	2				
GRF	E Z BE	P	11 42 13.4	1.2	1.93	2	8660	77.9	89.1	318.8
BUH	E Z GT	P	11 42 23.4				8880	79.9	86.7	317.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 25 ERL H= 16 00 30.5 LAT = 35.9 N LONG= 138.4 E DEPTH=186 KM MAGNITUDE= 4.9 HONSHU, JAPAN										
GRF	+E Z BE	P	16 12 35.7	1.0	1.57	2	9210	82.9	40.7	328.6
SEP 25 STR H= 17 01 01.4 LAT = 49.0 N LONG= 8.0 E DEPTH= 0 KM (GEOPHYSICIST) FRANCE										
STR= EXPLOSION, SEISMIC EXPERIMENT IN THE RHINEGRABEN. SHOT NO. 10 H= 17 01 01.365. 49 DEG. 00 MIN. 38.52 SEC. N, 8 DEG. 2 MIN. 14.316 SEC. E, CHARGE= 2000 KG										
KRL	+I Z ST	PG	17 01 08.0	1.5		9	30	0.2	270.2	89.9
BUH	+I Z GT	PG	17 01 09.3				40	0.4	339.4	159.3
BNS	E Z FS	SG	17 02 18.5				230	2.0	163.8	344.5
GRF	E Z GT	PN	17 01 40.6			1	240	2.2	253.0	70.6
	I Z GT	PG	17 01 44.6			9				
	E N GT	SG	17 02 12.0			1				
SEP 26 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	06 28 40.6							
SEP 26 ERL H= 08 19 40.6 LAT = 16.3 S LONG= 172.3 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.5 SAMOA ISLANDS REGION										
GRF	E Z BE	PKP	08 39 21.8			3	16300	146.6	6.2	355.8
SEP 26 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	11 43 45.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 26 ERL H= 12 17 00.9 LAT = 34.4 N LONG= 26.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 CRETE										
SEP 26 BCS H= 12 17 05.0 LAT = 34.3 N LONG= 26.3 E DEPTH= 55 KM CRETE										
FUR	+E Z SL	P	12 21 07.-	1.5	2.86	2	1980	17.8	135.2	325.2
	-I Z SL	PP	12 21 19.-	1.9	2.05	3				
	-I Z SL	PPP	12 21 32.-	1.9	2.19	2				
	-I Z SL	-	12 25 15.-	1.6	1.70	3				
GRF	E Z BE	P	12 21 21.2	0.8	1.84	6	2110	19.0	138.2	328.5
STU	+E Z BE	P	12 21 23.5	0.8	1.99	2	2140	19.2	132.1	323.6
BUH	E Z GT	P	12 21 28.8				2190	19.7	130.0	322.1
BNS	-I Z FS	P	12 21 50.2	1.3	1.90		2410	21.7	132.6	325.7
	E Z FS	-	12 22 12.-							
SEP 26 NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	13 17 10.-	1.6	1.60	4				
	-I Z SL	-	13 17 24.-	1.3	1.73	2				
SEP 26 STR H= 18 01 01.3 LAT = 48.9 N LONG= 8.0 E DEPTH= 0 KM (GEOPHYSICIST) FRANCE										
STR= EXPLOSION. SEISMIC EXPERIMENT IN THE RHINEGRABEN. SHOT NO. 7 H= 18 01 01.338, 48 DEG. 51 MIN. 47.376 SEC. N, 7 DEG. 58 MIN. 57.576 SEC. E, CHARGE= 350 KG										
BUH	+I Z GT	PG	18 01 07.0				30	0.2	319.2	139.0
KRL	+I N ST	PG	18 01 15.0			3	40	0.3	242.6	62.2
SEP 26 NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	19 17 34.5			1				
SEP 26 ERL H= 21 05 44.4 LAT = 30.9 S LONG= 68.1 W DEPTH= 16 KM MAGNITUDE= 5.9 SAN JUAN PROVINCE, ARGENTINA										
BNS	E Z FS	PKP	21 24 09.0	2.2	2.30		11670	104.9	239.4	39.3
	E Z SL	-	21 24 11.5							
	I Z FS	-	21 24 19.1							
	E Z SL	SP	21 33 31.-							
	E Z SL	LR	21 59 00.-	26.0						
	Z SL	-	22 04 20.-	22.0						
FUR	+E Z SL	P	21 20 05.-	2.0	1.88	6	11770	105.9	241.4	43.2
	-I Z SL	PP	21 24 25.-	2.0	2.67	9				
	-I Z SL	APP	21 24 36.-	2.0	2.24	3				
	+I Z SL	XPP	21 24 42.-	2.0	2.30	4				
	+I Z SL	PPP	21 26 39.-	2.0	2.14	2				
	-I Z SL	-	21 26 49.-	2.0	2.21	3				
GRF	+E Z BE	P	21 20 08.3			3	11850	106.6	241.8	41.7
	E Z BE	-	21 23 16.3			1				
	E Z BE	PP	21 24 08.8			2				
	E Z BE	-	21 24 29.0			3				
HLG	Z SL	PP	21 25 04.-			1	11890	106.9	240.7	36.6
HOF	+E Z SL	PP	21 24 28.-	2.0	2.46	9	11930	107.2	242.4	41.4
	-I Z SL	APP	21 24 35.-	1.5	2.59	9				
HAM	E Z SX	-	21 24 32.-			4	11970	107.6	241.9	37.9
SEP 27 ERL H= 00 08 29.9 LAT = 30.3 N LONG= 101.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SZECHWAN PROVINCE, CHINA										
GRF	E Z BE	P	00 19 26.8			1	7540	67.8	69.0	315.5
FUR	+E Z SL	P	00 19 31.-	1.5	1.49	2	7600	68.3	68.5	313.9
	+I Z SL	-	00 19 34.-	2.0	2.18	2				
	-I Z SL	XP	00 19 44.-	1.5	1.59	3				
	+E Z SL	XPCP	00 20 06.-	1.5	1.59	3				

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 27 ERL										
H= 02 03 39.1										
LAT = 33.9 N										
LONG= 72.7 E										
DEPTH= 46 KM										
MAGNITUDE= 4.9										
WEST PAKISTAN										
GRF	E Z BE	P	02 12 09.9			2	5240	47.2	85.4	308.9
FUR	-E Z SL	P	02 12 10.-	1.5	1.43	7	5260	47.3		
	-I Z SL	AP	02 12 17.-	1.8	1.95	5			84.0	306.8
	+E Z SL	XP	02 12 22.-	1.8	1.90	8				
SEP 27 ERL										
H= 04 48 21.0										
LAT = 16.5 S										
LONG= 172.2 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.9										
SAMOA ISLANDS REGION										
BNS	I Z FS	PKP	05 07 57.5	1.7	1.78		16190	145.6	359.0	0.7
	E Z FS	-	05 08 09.5							
GRF	E Z BE	PKP	05 08 02.3			3	16320	146.7	6.0	355.9
SEP 27 ERL										
H= 09 01 43.8										
LAT = 16.5 S										
LONG= 172.2 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.9										
SAMOA ISLANDS REGION										
BNS	-I Z FS	PKP	09 21 20.0	1.5	2.82		16190	145.6	358.9	0.7
	-I Z SL	-	09 21 20.-	8.0						
	I Z FS	-	09 21 33.0							
	E Z SL	PP	09 25 18.-							
	Z SL	-	09 26 00.-	20.0						
HOF	-I Z SL	PKP1	09 21 23.-	1.5	3.09	9	16240	146.1	7.0	355.4
	-I Z SL	PKP2	09 21 27.-	2.0	3.24	9				
	-I Z SL	APKP	09 21 34.-	2.0	2.98	6				
	-I Z SL	XPKP	09 21 39.-	1.7	2.84	5				
	-I Z SL	XPKP	09 21 44.-	2.0	2.90	9				
	+I Z SL	-	09 22 31.-	3.0	2.89	9				
	+E Z SL	APP	09 25 00.-	4.0	2.75	8				
GRF	E Z BE	PKP	09 21 22.8			1	16320	146.7	5.9	356.0
	-E Z BE	-	09 21 25.4	1.8	2.90	9				
KRL	-E Z ST	PKP	09 21 28.0	1.5		4	16410	147.5	1.0	359.3
STU	E Z BE	PKP	09 21 24.0	1.1	2.64	2	16430	147.8	2.4	358.3

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PKP	09 21 24.4				16440	147.9	0.7	359.5
FUR	-I Z SL	PKP1	09 21 26.-	1.9	2.35	4	16490	148.3	6.3	355.6
	+I Z SL	PKHKP	09 21 30.-	1.0	3.13	9				
	+I Z SL	PKP2	09 21 37.-	1.8	2.64	9				
	+I Z SL	XPKP	09 21 52.-	1.8	2.51	6				
	-I Z SL	SKP	09 24 51.-	2.0	2.30	3				
	+I Z SL	PP	09 25 04.-	2.0	2.50	3				
	+I Z SL	APP	09 25 12.-	1.8	2.04	2				
	-I Z SL	XPP	09 25 14.-	2.0	2.35	4				
SEP 27 ERL										
H= 09 30 11.5										
LAT = 16.3 S										
LONG= 172.3 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.2										
SAMOA ISLANDS REGION										
BNS	I Z FS	PKP	09 49 48.0	1.8	2.00		16170	145.4	359.1	0.6
	E Z FS	-	09 50 19.-							
GRF	+E Z BF	PKP	09 49 51.0	2.0	2.55	2	16290	146.5	6.2	355.8
BUH	E Z GT	PKP	09 49 55.0				16420	147.7	1.0	359.3
FUR	-E Z SL	PKP1	09 49 56.-	2.0	2.24	3	16460	148.0	6.5	355.5
	+I Z SL	PKHKP	09 49 59.-	1.0	2.46	2				
	-I Z SL	PKP2	09 50 04.-	1.5	1.49	2				
	-I Z SL	APKP	09 50 11.-	1.9	1.95	8				
	+E Z SL	XPKP	09 50 17.-	1.5	1.36	1				
SEP 27										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	15 10 31.6							
SEP 27 ERL										
H= 17 54 49.7										
LAT = 22.4 N										
LONG= 121.2 E										
DEPTH= 54 KM										
MAGNITUDE= 5.0										
TAIWAN REGION										
GRF	-E Z BE	P	18 07 23.2			3	9480	85.3	60.8	322.2
FUR	-E Z SL	P	18 07 27.-	2.0	2.40	3	9560	86.0	60.7	320.9
	+I Z SL	-	18 07 35.-	2.0	2.33	2				
	+I Z SL	AP	18 07 39.-	1.8	2.00	2				
	+I Z SL	XP	18 07 45.-	2.6	2.34	3				
	E SL	RM	18 53 45.-	13.0	3.17					
BNS	+I Z FS	P	18 07 31.5	2.0	1.95		9660	86.8	57.9	324.7

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 27 ERL H= 18 27 50.4 LAT = 22.1 N LONG= 121.0 E DEPTH= 20 KM MAGNITUDE= 4.7 TAIWAN REGION										
HOF	+E Z SL	P	18 40 28.-	4.0	2.55	5	9420	84.7	61.6	322.5
GRF	E Z BE	P	18 40 28.4			2	9490	85.4	61.1	322.2
FUR	+E Z SL	P	18 40 33.-	1.5	1.49	3	9570	86.1	61.0	320.8
	+I Z SL	PCP	18 40 36.-	1.9	1.95	2				
SEP 27 ERL H= 20 24 55.6 LAT = 35.2 N LONG= 73.0 E DEPTH= 39 KM MAGNITUDE= 5.0 NORTHWESTERN KASHMIR										
GRF	E Z BE	P	20 33 21.7			1	5180	46.6	83.8	308.0
FUR	-I Z SL	P	20 33 22.-	1.9	2.00	2	5200	46.7	82.4	305.9
	-E Z SL	PP	20 35 12.-	2.0	2.00	2				
SEP 27 ERL H= 21 34 03.2 LAT = 23.0 S LONG= 175.9 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 TONGA ISLANDS REGION										
GRF	-E Z BE	PKP	21 54 09.4			3	16990	152.8	14.5	349.9
FUR	+E Z SL	PKP1	21 53 51.-	1.7	1.38	2	17150	154.3	15.4	348.9
	+I Z SL	PKP2	21 54 18.-	1.8	1.85	1				
SEP 28 ERL H= 05 55 08.0 LAT = 53.5 N LONG= 160.0 E DEPTH= 70 KM (GEOPHYSICIST) MAGNITUDE= 5.1 NEAR EAST COAST OF KAMCHATKA										
GRF	E Z BF	P	06 06 36.7			2	8220	73.9	18.8	339.5

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 28 ERL H= 06 57 35.2 LAT = 47.8 S LONG= 119.7 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 SOUTH PACIFIC OCEAN										
GRF	E Z BE	PKP	07 17 18.2			2	16460	148.0	254.3	68.0
SEP 28 ERL H= 16 40 21.7 LAT = 15.1 S LONG= 179.1 W DEPTH=434 KM MAGNITUDE= 4.5 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	16 59 09.2			2	16070	144.5	17.3	348.5
SEP 28 STR H= 18 01 01.1 LAT = 47.7 N LONG= 7.3 E DEPTH= 0 KM (GEOPHYSICIST) FRANCE STR= EXPLOSION. SEISMIC EXPERIMENT IN THE RHINEGRABEN. SHOT NO. 12 H= 18 01 01.1, 47 DEG. 40 MIN. 27.228 SEC. N, 7 DEG. 19 MIN. 52.824 SEC. E, CHARGE= 900 KG										
BUH	E Z GT	PN	18 01 23.0				130	1.2	211.3	30.6
SEP 29 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	01 20 10.-	1.5	1.18	2				
	-E Z SL	-	01 22 28.-	1.5	1.43	2				
	+E Z SL	-	01 23 27.-	1.7	1.61	2				
SEP 29 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	02 37 11.-	1.5	1.18	4				
	+E Z SL	-	02 38 07.-	1.5	1.28	5				
	+E Z SL	-	02 39 05.-	1.5	1.36	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 29 ERL H= 04 28 24.8 LAT = 24.5 N LONG= 121.7 E DEPTH= 63 KM MAGNITUDE= 4.9 TAIWAN										
FUR	-E Z SL	P	04 40 54.-	1.5	1.28	3	9410	84.7	59.0	320.9
	-E Z SL	PCP	04 40 58.-	1.5	1.28	3				
	+E Z SL	APCP	04 41 07.-	1.5	1.28	3				
	+E Z SL	XP	04 41 10.-	1.8	1.70	5				
SEP 29 ERL H= 06 21 18.8 LAT = 52.4 N LONG= 95.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 CENTRAL RUSSIA										
GRF	E Z BE	P	06 30 12.8			2	5570	50.1	52.7	302.6
SEP 29 ERL H= 06 37 35.3 LAT = 21.1 S LONG= 174.6 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.8 TONGA ISLANDS										
HLG	+ Z X	PKP	06 57 16.-			2	16340	146.9	4.3	357.3
HAM	E Z SX	PKP	06 57 16.-			1	16410	147.5	7.9	354.9
BNS	E Z FS	PKP	06 57 19.0	1.5	2.30		16700	150.2	3.4	357.7
	E Z FS	-	06 57 25.-	15.0						
HOF	+I Z SL	PKP1	06 57 20.-	2.0	2.68	9	16730	150.4	12.4	351.5
	+I Z SL	PKP2	06 57 38.-	1.5	2.78	5				
	+E Z SL	APKP	06 57 46.-	4.0	2.85	9				
GRF	+E Z BE	PKP1	06 57 26.5	2.0	2.45	3	16800	151.1	11.3	352.1
	+I Z BE	PKP2	06 57 36.4			6				
	E Z BE	PP	07 01 20.6			2				
BUH	E Z GT	PKP	06 57 21.4				16950	152.4	5.8	355.9
FUR	-I Z SL	PKP1	06 57 24.-	1.5	1.54	2	16970	152.6	12.0	351.4
	-I Z SL	PKHKP	06 57 31.-	2.0	2.40	7				
	-I Z SL	PKP2	06 57 41.-	1.8	2.68	5				
	-I Z SL	-	06 57 48.-	1.2	2.15	7				
	+I Z SL	APKP	06 57 55.-	1.5	1.98	6				
	-I Z SL	XPKP	06 57 58.-	1.5	1.93	3				
	-E Z SL	PP	07 01 16.-	3.8	2.70	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
SEP 29 ERL H= 12 52 17.6 LAT = 44.9 N LONG= 147.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 KURIL ISLANDS										
GRF	E Z BE	P	13 04 17.3			2	8730	78.5	29.9	332.9
SEP 29 ERL H= 13 56 59.5 LAT = 39.7 N LONG= 77.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 SOUTHERN SINKIANG PROV., CHINA										
GRF	E Z BE	P	14 05 28.4	0.9	1.38	2	5210	46.9	75.7	305.3
SEP 29 ERL H= 16 21 38.0 LAT = 30.4 N LONG= 101.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 SZECHWAN PROVINCE, CHINA										
HOF	N SL	QM	16 58 40.-	12.0	3.53		7460	67.1	69.8	315.9
GRF	E Z BE	P	16 32 33.5			1	7530	67.7	69.1	315.4
FUR	-I Z SL	P	16 32 39.-	1.9	1.95	8	7580	68.2	68.5	313.9
	+I Z SL	XP	16 32 53.-	1.5	1.49	4				
	N SL	QM	17 00 30.-	14.0	3.53					
SEP 29 ERL H= 20 24 42.0 LAT = 30.3 N LONG= 101.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 SZECHWAN PROVINCE, CHINA										
GRF	E Z BE	P	20 35 37.9			1	7550	67.9	69.1	315.5
	E Z BE	-	20 37 16.2			1				
FUR	-E Z SL	P	20 35 44.-	2.0	2.14	6	7600	68.4	68.5	313.9
	-I Z SL	AP	20 35 49.-	1.2	1.90	2				
	N SL	QM	21 03 30.-	15.0	3.46					

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
SEP 30 ERL H= 02 28 50.2 LAT = 14.7 N LONG= 93.8 W DEPTH= 51 KM MAGNITUDE= 4.4 NEAR COAST OF CHIAPAS, MEXICO									
BUH	E Z GT	P	02 41 32.2				9660	86.9	288.6 40.5
SEP 30 ERL H= 03 09 32.5 LAT = 21.1 S LONG= 174.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 TONGA ISLANDS									
BNS	E Z FS	PKP	03 29 21.5	1.0	1.48		16700	150.2	2.9 358.8
	I Z FS	-	03 29 27.3						
GRF	E Z BE	PKP	03 29 24.3			1	16800	151.1	10.9 352.4
	-E Z BE	-	03 29 32.3	1.2	1.78	3			
BUH	E Z GT	PKP	03 29 26.1				16950	152.4	5.3 356.2
	E Z GT	PKP	03 29 36.5						
FUR	-E Z SL	PKP1	03 29 28.-	1.5	1.36	6	16970	152.6	11.6 351.7
	+I Z SL	APKP	03 29 40.-	1.9	2.00	2			
SEP 30 ERL H= 06 59 59.8 LAT = 36.4 N LONG= 70.6 E DEPTH=204 KM MAGNITUDE= 4.9 HINDU KUSH REGION									
GRF	E Z BE	P	07 07 51.5			1	4920	44.2	84.1 306.8
	E Z BE	AP	07 08 30.5			1			
SEP 30 ERL H= 08 45 52.0 LAT = 26.2 S LONG= 70.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SOUTH INDIAN OCEAN									
FUR	+I Z SL	P	08 58 56.-	2.0	2.14	4	10140	91.2	129.2 324.7
	+I Z SL	XP	08 59 07.-	2.0	2.00	4			
	-E Z SL	XPCP	08 59 12.-	2.0	1.88	2			

SEP 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
SEP 30 ERL H= 10 29 07.8 LAT = 36.6 N LONG= 71.4 E DEPTH=176 KM MAGNITUDE= 4.9 AFGHANISTAN-USSR BORDER REGION									
GRF	+E Z BE	P	10 37 05.7			1	4970	44.7	83.3 306.7
FUR	-I Z SL	P	10 37 06.-	1.5	1.43	7	4980	44.8	81.9 304.6
BUH	E Z GT	P	10 37 20.7				5200	46.8	80.4 305.7
SEP 30 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PN	10 40 51.2						
SEP 30 NO DETERMINATION OF EPICENTER BNS= ROCKBURST SUPPOSED									
BNS	E Z FS	SG	21 59 04.-						
	E Z FS	-	21 59 15.-	1.3	2.08				
OCT 01 ERL H= 00 56 25.5 LAT = 45.8 N LONG= 26.2 E DEPTH=155 KM MAGNITUDE= 4.6 RUMANIA									
OCT 01 BCS H= 00 56 27.0 LAT = 45.8 N LONG= 26.7 E DEPTH=120 KM RUMANIA									
FUR	+E Z SL	PP	00 59 09.-	1.8	1.78	1	1160	10.5	97.5 288.4
	+E Z SL	-	00 59 15.-	1.5	1.36	2			
OCT 01 ERL H= 04 32 00.2 LAT = 43.5 N LONG= 21.5 E DEPTH= 3 KM MAGNITUDE= 4.9 YUGOSLAVIA									

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

OCT 01 BCS
H= 04 32 05.0
LAT = 43.5 N
LONG= 21.6 E
YUGOSLAVIA

BCIS= FELT (VII) AT KRUSEVAC AND PARACIN (LJU).
NOS= MINOR DAMAGE IN SERBIA.

FUR	-I Z SL	PN	04 34 09.-	1.2	2.00	9	950	8.5	119.6	306.9
	+I Z SL	-	04 34 20.-	1.2	2.04	2				
	-I Z SL	PB	04 34 30.-	1.5	1.62	2				
	+I Z SL	-	04 34 46.0	1.4	2.05	4				
	-I Z SL	PG	04 35 05.-	1.5	1.92	3				
	+I Z SL	-	04 35 15.-	1.2	2.46	4				
	-I Z SL	SN	04 35 44.-	1.5	1.98	3				
	-I Z SL	SB	04 36 16.-	1.5	2.16	4				
	+I Z SL	SG	04 36 43.-	1.5	2.36	5				
	Z SL	MAXIMUM	04 37 25.-	1.8	3.08					
HOF	-E Z SL	PB	04 34 43.-	2.0	1.99	3	1050	9.5	132.5	319.5
	-I Z SL	SN	04 36 36.-	1.5	2.09	5				
	-I Z SL	SG	04 37 07.-	1.5	2.39	9				
	Z SL	MAXIMUM	04 38 26.-	10.0	3.71					
STU	+E Z BE	P	04 34 26.9	0.9	1.90	2	1110	10.0	117.3	306.1
BUH	E Z GT	P	04 34 34.6				1170	10.6	114.5	304.1
KRL	+E Z ST	P	04 35 01.6	1.0		2	1180	10.6	116.6	306.8
TNS	E Z SL	P	04 34 45.2			2	1240	11.2	122.2	311.7
	E N SL	S	04 37 09.-			3				
BNS	E Z FS	PN	04 35 01.0	1.0	1.60		1360	12.2	122.1	312.6
	E Z FS	-	04 35 06.0							
	E E X	SN	04 37 08.-							
	E Z FS	SG	04 38 52.-							
	E Z SL	LR	04 39 16.-	16.0						
	Z SL	-	04 40 16.-	11.0						

OCT 01
NO DETERMINATION OF EPICENTER

HOF	+E Z SL	-	15 16 30.-	3.0	2.10	3
	-E Z SL	-	15 17 18.-	3.0	2.20	3
	-E Z SL	-	15 17 35.-	3.0	2.33	4

OCT 01
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	16 59 42.3				

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

OCT 01 ERL
H= 21 43 44.7
LAT = 51.7 N
LONG= 177.1 W
DEPTH= 58 KM
MAGNITUDE= 5.2
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	E Z BE	P	21 55 42.5			1	8750	78.7	5.2	354.5

OCT 01 ERL
H= 22 28 40.3
LAT = 46.7 N
LONG= 27.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.2
NORTH ATLANTIC RIDGE

GRF	E Z BE	P	22 34 08.6			2	2850	25.7	278.3	59.1

OCT 01 ERL
H= 23 49 36.2
LAT = 7.5 N
LONG= 123.7 E
DEPTH=613 KM
MAGNITUDE= 6.0
MINDANAO, PHILIPPINE ISLANDS

HAM	-I Z SX	P	00 02 09.5			7	10880	97.8	66.3	326.5
HOF	-I Z SL	P	00 02 09.-	1.0	2.37	9	10890	97.9	68.3	323.1
GRF	-I Z BE	P	00 02 12.1	1.3	2.35	9	10960	98.5	67.9	322.7
	E Z BE	XP	00 05 32.3			2				
	-I Z BE	PP	00 06 26.9	1.3	2.39	4				
FUR	-I Z SL	P	00 02 14.-	1.5	2.05	5	11020	99.1	68.1	321.2
	-I Z SL	-	00 03 06.-	1.5	1.74	3				
	-I Z SL	-	00 04 35.-	2.0	2.10	2				
	+I Z SL	XP	00 05 28.-	2.0	2.27	3				
	-I Z SL	PP	00 06 29.-	1.8	2.76	3				
	-E Z SL	APP	00 08 10.-	1.8	2.00	5				
	-I Z SL	SP	00 14 22.-	1.8	2.11	2				
	+E Z SL	-	00 15 17.-	2.4	2.28	3				
STU	-E Z BE	P	00 02 18.6	1.1	2.21	3	11130	100.1	66.4	322.3
BNS	-I Z FS	P	00 02 20.0	1.4	2.26		11160	100.4	64.4	324.9
	E Z FS	-	00 05 37.-							
	E Z FS	-	00 06 25.-							
BUH	E Z GT	P	00 02 21.3				11200	100.7	65.6	322.5

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 02 ERL H= 02 22 39.1 LAT = 47.9 N LONG= 153.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 KURIL ISLANDS										
GRF	E Z BE	P	02 34 32.9	0.6	1.30	2	8610	77.4	25.0	335.9
OCT 02 NO DETERMINATION OF EPICENTER										
HOF	-E Z SL	-	08 30 29.-	3.0	2.33	4				
	-E Z SL	-	08 30 41.-	3.0	2.33	4				
OCT 02 ERL H= 15 30 43.6 LAT = 18.0 S LONG= 178.4 W DEPTH=609 KM MAGNITUDE= 4.8 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	15 49 21.6	0.9	1.57	2	16400	147.5	17.2	348.4
FUR	-I Z SL	PKP1	15 49 25.-	1.5	1.53	3	16560	148.9	18.0	347.4
	-E Z SL	PKHKP	15 49 32.-	1.5	1.36	6				
OCT 02 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	19 20 09.2			3				
OCT 02 NO DETERMINATION OF EPICENTER										
GRF	+E Z BE	P	20 03 45.3			2				
OCT 02 ERL H= 20 35 45.9 LAT = 33.9 S LONG= 70.8 W DEPTH= 81 KM MAGNITUDE= 5.5 CHILE-ARGENTINA BORDER REGION NOS= SEVERAL INJURED AND MINOR DAMAGE IN SANTIAGO PROVINCE. FELT (V) IN SANTIAGO										
GRF	E Z BE	PP	20 55 14.2			2	12270	110.3	241.5	43.1

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 02 ERL H= 21 51 45.4 LAT = 43.1 N LONG= 146.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.4 KURIL ISLANDS										
GRF	E Z BE	P	22 03 51.4			2	8850	79.6	31.7	332.3
OCT 03 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	00 25 09.0			1				
OCT 03 ERL H= 06 30 02.1 LAT = 36.8 N LONG= 121.6 W DEPTH= 7 KM MAGNITUDE= 4.8 CENTRAL CALIFORNIA NOS= MINOR DAMAGE IN HOLLISTER AREA. MAG. 4.9 ML (BRK).										
GRF	E Z BE	P	06 42 39.0			1	9370	84.3	323.7	28.6
OCT 03 ERL H= 08 59 57.8 LAT = 46.8 N LONG= 45.0 E DEPTH= 0 KM (GEOPHYSICIST) MAGNITUDE= 5.8 SOUTHWESTERN RUSSIA										
OCT 03 BCS H= 09 00 00.0 LAT = 46.9 N LONG= 44.9 E SOUTHWESTERN RUSSIA BCIS= NORTHWEST OF CASPIAN SEA BETWEEN WOLGA AND DON, PROBABLY ARTIFICIAL (UPP).										
HOF	-I Z SL	P	09 04 56.-	1.5	2.39	9	2460	22.1	86.2	291.3
	-I Z SL	-	09 05 04.-	1.0	1.95	5				
	+E Z SL	PP	09 05 22.-	1.0	1.73	3				
	-E Z SL	PPP	09 05 28.-	1.0	1.86	4				
	-E Z SL	-	09 05 59.-	1.5	2.09	5				
GRF	-I Z BE	P	09 05 01.6	1.6	2.96	9	2510	22.6	84.2	289.7
FUR	-I Z SL	P	09 05 03.-	1.5	1.76	5	2530	22.7	80.6	285.8
	+I Z SL	-	09 05 05.-	1.5	2.51	6				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	09 05 13.-	1.3	2.28	2				
	+I Z SL	PP	09 05 28.-	1.5	1.98	5				
	-I Z SL	-	09 05 35.-	1.7	2.15	3				
	-I Z SL	PPP	09 05 42.-	1.2	2.04	2				
	-I Z SL	-	09 05 46.-	1.2	2.30	9				
	+I Z SL	-	09 05 55.-	1.5	2.02	5				
	-I Z SL	-	09 06 04.-	1.2	2.18	5				
	+I Z SL	-	09 08 20.-	1.5	1.79	2				
	-I Z SL	-	09 09 31.-	1.5	1.66	4				
	Z SL	RM	09 13 30.-	1.5	1.76					
STU	+E Z BE	P	09 05 16.0	1.8	2.94	2	2670	24.0	81.0	287.1
KRL	+E Z ST	P	09 05 21.2	1.5		3	2720	24.5	81.1	288.6
BUH	E Z GT	P	09 05 21.4				2740	24.6	80.3	287.3
BNS	+I Z FS	P	09 05 24.2	1.1	2.08		2780	25.0	84.6	293.5

OCT 03 ERL
H= 10 14 19.8
LAT = 47.3 N
LONG= 154.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
KURIL ISLANDS

BNS	+I Z FS	P	10 26 17.3	1.2	1.70		8680	78.1	22.4	339.3
GRF	+E Z BE	P	10 26 18.5	0.9	1.92	5	8690	78.2	24.9	336.7
FUR	-I Z SL	P	10 26 26.-	1.5	1.79	3	8850	79.6	24.8	335.8
	-I Z SL	XPCP	10 26 46.-	1.5	1.54	4				
BUH	E Z GT	P	10 26 27.6				8890	79.9	22.9	337.7

OCT 03
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	15 08 34.6			2
	E N BE	SG	15 09 01.6			1
FUR	Z SL	MAXIMUM	15 08 35.-	1.2	2.08	

OCT 03
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	16 01 31.-	2.0	1.94	2
	-I Z SL	-	16 01 46.-	1.5	1.54	2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

OCT 03 ERL
H= 16 16 06.5
LAT = 10.6 S
LONG= 166.0 E
DEPTH=180 KM
MAGNITUDE= 5.0
SANTA CRUZ ISLANDS

STU	-E Z BE	PKP	16 27 22.9	1.4	2.37	2	15270	137.3	34.8	337.4

OCT 03 ERL
H= 18 04 41.9
LAT = 21.5 S
LONG= 174.4 W
DEPTH= 61 KM
MAGNITUDE= 5.1
TONGA ISLANDS

BNS	E Z FS	PP	18 29 33.7	2.0	1.70		16750	150.6	3.1	357.9
GRF	E Z BE	PKP1	18 24 31.2			2	16850	151.5	11.1	352.3
	-E Z BE	PKP2	18 24 39.7			3				
	+E Z BE	-	18 24 51.0			2				
FUR	-E Z SL	PKP1	18 24 35.-	1.5	1.35	2	17020	153.0	11.8	351.6
	-I Z SL	PKHKP	18 24 46.-	1.5	1.34	6				
	+E Z SL	PKP2	18 24 57.-	1.9	1.83	6				

OCT 04 ERL
H= 04 52 30.7
LAT = 12.2 N
LONG= 90.2 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
OFF COAST OF CENTRAL AMERICA

GRF	E Z BE	P	05 05 20.3			1	9790	88.0	296.5	39.6

OCT 04 ERL
H= 05 23 06.5
LAT = 46.5 N
LONG= 153.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
KURIL ISLANDS

GRF	E Z BE	P	05 35 06.3			2	8760	78.8	25.5	336.2

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 04 BCS H= 06 14 24.0 LAT = 39.1 N LONG= 29.5 E TURKEY										
OCT 04 ERL H= 06 14 25.1 LAT = 39.1 N LONG= 29.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.4 TURKEY										
GRF	+E Z BE	P	06 18 21.0			2	1870	16.8	122.2	315.4
OCT 04 BCS H= 08 48 42.0 LAT = 38.0 N LONG= 20.2 E GREECE										
OCT 04 ERL H= 08 48 45.9 LAT = 38.3 N LONG= 20.2 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 GREECE										
FUR	+I Z SL	P	08 51 35.-	2.0	2.14	4	1340	12.1	143.9	338.1
	+I Z SL	PP	08 51 47.-	1.9	2.05	2				
	-I Z SL	XPP	08 51 55.-	1.9	2.09	2				
	-I Z SL	-	08 52 01.-	1.5	1.54	2				
	-I Z SL	-	08 52 09.-	1.5	1.49	2				
	+I Z SL	S	08 53 44.-	2.0	2.05	3				
	-I Z SL	SS	08 53 57.-	1.5	1.54	2				
	-I Z SL	SSS	08 54 09.-	1.5	1.73	9				
	-I Z SL	-	08 54 24.-	1.9	2.25	2				
	Z SL	RM	08 57 00.-	3.9	3.08					
GRF	E Z BE	P	08 51 52.0			1	1490	13.4	147.6	333.9
	E Z BE	-	08 52 07.2			2				
HOF	N SL	RM	08 58 43.-	5.0	3.38		1520	13.7	150.9	336.8
BNS	E Z FS	P	08 52 36.5	2.0	1.90		1770	15.9	139.4	328.9
	E Z FS	-	08 58 00.-							
	E Z SL	-	08 59 00.-							
	Z SL	-	09 01 40.-	12.0						
OCT 04 NO DETERMINATION OF EPICENTER										

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PG	10 40 30.2			1				
	E N BE	SG	10 40 55.4			1				
OCT 04 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	17 09 53.9							
OCT 05 ERL H= 04 06 23.6 LAT = 30.1 N LONG= 130.3 E DEPTH= 24 KM MAGNITUDE= 5.0 KYUSHU, JAPAN										
GRF	E Z BE	P	04 18 54.4			2	9330	83.9	49.6	325.2
FUR	-I Z SL	XPCP	04 19 16.-	1.5	1.54	1	9440	84.9	49.6	324.0
OCT 05 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	08 55 24.-	1.5	1.36	6				
	Z SL	MAXIMUM	08 57 18.-	1.2	2.00					
BUH	E Z GT	P	08 55 49.4							
OCT 05 ERL H= 10 48 19.1 LAT = 13.8 N LONG= 91.1 W DEPTH= 89 KM MAGNITUDE= 5.4 NEAR COAST OF GUATEMALA										
BNS	+E Z SL	P	11 00 43.-				9400	84.5	285.0	39.0
	E Z FS	-	11 01 10.9	2.2	1.85					
	E Z SL	LR	11 28 00.-	38.0						
	Z SL	-	11 38 00.-	20.0						
BUH	E Z GT	P	11 00 50.2				9540	85.8	286.0	41.0
GRF	E Z BE	P	11 00 58.3			2	9710	87.3	288.2	39.4
FUR	+E Z SL	-	11 01 16.-	1.5	1.43	1	9770	87.9	288.3	40.9
	-I Z SL	AP	11 01 26.-	1.5	1.59	5				
OCT 05 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	11 13 54.0	0.7	1.48					

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
KRL	+E Z ST	PG	04 35 33.0	0.3		2	320	2.9	195.9	15.0
FUR	+E Z SL	PB	04 35 40.-	1.2	1.85	2	370	3.4	235.8	52.9
	+I Z SL	PG	04 35 51.-	1.5	1.73	2				
	+I Z SL	-	04 36 07.-	1.5	1.73	5				
	+I Z SL	SN	04 36 15.-	1.5	1.70	4				
	+I Z SL	SB	04 36 28.-	2.0	2.27	4				
	+I Z SL	SG	04 36 34.-	1.5	1.76	2				
	Z SL	MAXIMUM	04 37 23.-	1.9	2.70					
GRF	E Z BE	PN	04 35 42.-			1	490	4.4	218.7	35.8
	E Z BE	PG	04 35 59.4			4				
	E N BE	SG	04 36 58.2			2				
BNS	E Z FS	PN	04 35 51.-				530	4.8	179.3	359.3
	E Z FS	PG	04 36 08.5	1.0	1.60					
	E E X	SG	04 37 14.-	0.8	1.90					
	E N X	-	04 37 14.-	1.0	2.08					
	E Z FS	-	04 37 16.-	1.0	1.70					
HOF	-I Z SL	SG	04 37 33.-	1.8	2.24	6	570	5.1	218.6	35.1

OCT 06 BCS
H= 05 41 08.0
LAT = 44.5 N
LONG= 11.0 E
NORTHERN ITALY

FUR	+I Z SL	-	05 42 26.-	1.2	1.90	8	410	3.7	183.1	2.9
	-I Z SL	PG	05 42 35.-	1.3	1.84	2				
	-I Z SL	SB	05 43 02.-	1.3	1.89	3				
	Z SL	MAXIMUM	05 43 48.-	1.5	1.62					
BUH	E Z GT	PN	05 42 18.3				510	4.6	154.4	336.4
GRF	E Z BE	PG	05 42 45.9			1	580	5.2	181.7	1.5
	E N BE	SG	05 43 57.5			1				

OCT 06
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	10 14 27.4							
	E Z FS	-	10 14 32.-	1.5	2.11					

OCT 06
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	10 59 47.1							

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
OCT 06 ERL									
H= 11 31 04.3									
LAT = 34.3 N									
LONG= 138.4 E									
DEPTH= 51 KM									
MAGNITUDE= 5.2									
NEAR S. COAST OF HONSHU, JAPAN									
GRF	+E Z BE	P	11 43 32.2	1.1	1.68	4	9360	84.1	41.5 328.7
FUR	-I Z SL	P	11 43 38.-	1.9	2.05	3	9480	85.3	41.4 327.6
	-I Z SL	-	11 43 44.-	1.5	1.62	2			
	-E Z SL	XPCP	11 44 01.-	1.5	1.43	1			
OCT 06									
NO DETERMINATION OF EPICENTER									
BNS	E Z FS	PG	15 14 05.0						
	E Z FS	SG	15 14 13.0	0.7	1.48				
OCT 06 ERL									
H= 16 35 10.9									
LAT = 6.1 S									
LONG= 149.9 E									
DEPTH= 61 KM									
MAGNITUDE= 5.4									
NEW BRITAIN REGION									
GRF	E Z BF	PKP	16 54 05.6			3	13840	124.4	52.8 328.7
FUR	-E Z SL	PKP1	16 54 07.-	1.5	1.36	6	13940	125.3	53.7 327.1
	-I Z SL	-	16 54 17.-	1.5	1.43	4			
BUH	E Z GT	PKP	16 54 09.3				14080	126.6	50.2 329.2
OCT 06 ERL									
H= 16 42 54.3									
LAT = 6.1 S									
LONG= 149.8 E									
DEPTH= 59 KM									
MAGNITUDE= 5.5									
NEW BRITAIN REGION									
HLG	Z SL	PP	17 03 00.-			1	13680	123.0	47.0 334.4
	Z SL	PPP	17 06 06.-			3			
HOF	+E Z SL	-	17 02 27.-	2.0	1.99	3	13750	123.6	53.1 329.8
	-E Z SL	PP	17 03 30.-	2.0	1.99	3			
	-E Z SL	-	17 03 55.-	4.0	2.65	6			
	Z SL	RM	17 55 00.-	23.0	4.22				
GRF	E Z BE	PKIKP	17 01 48.7			1	13830	124.4	52.8 328.7
	E Z BE	-	17 03 37.5			2			
FUR	+E Z SL	PKP1	17 01 51.-	1.4	1.45	1	13930	125.2	53.7 327.1

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
	-I Z SL	APKP	17 02 02.-	1.5	1.54	5			
	-I Z SL	XPKP	17 02 05.-	1.5	1.59	2			
	-I Z SL	PP	17 03 49.-	1.9	1.95	4			
	N SL	RM	17 57 00.-	22.5	4.08				
BNS	+E Z SL	PP	17 03 48.-	24.0			13960	125.5	47.8 331.9
	E Z SL	-	17 15 10.-						
	E Z SL	LR	17 43 46.-	50.0					
	Z SL	-	17 56 00.-	24.0					
STU	E Z BE	PKP	17 01 51.2	0.8	1.72	2	14010	126.0	51.2 328.8
BUH	E Z GT	PKP	17 01 53.1				14070	126.5	50.2 329.2
OCT 06 ERL									
H= 20 22 03.2									
LAT = 3.3 N									
LONG= 98.5 E									
DEPTH=124 KM									
MAGNITUDE= 5.3									
NORTHERN SUMATRA									
FUR	+E Z SL	P	20 34 30.-	1.1	1.86	5	9530	85.7	89.9 317.9
	-E Z SL	-	20 35 12.-	1.5	1.28	1			
GRF	E Z BE	P	20 34 30.2	1.0	1.62	3	9540	85.8	89.9 319.4
BUH	E Z GT	P	20 34 39.2				9760	87.8	87.6 318.4
BNS	E Z FS	P	20 34 43.5				9820	88.3	86.9 320.8
	E Z FS	-	20 35 32.2						
OCT 06									
NO DETERMINATION OF EPICENTER									
GRF	E Z BE	P	23 33 32.2			2			
OCT 07									
NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PN	01 44 51.5						
OCT 07 ERL									
H= 05 33 08.2									
LAT = 21.4 S									
LONG= 177.8 W									
DEPTH=365 KM									
MAGNITUDE= 5.0									
FIJI ISLANDS REGION									
GRF	E Z BE	PKP1	05 52 18.6			1	16780	150.9	17.5 347.9
	E Z BE	PKP2	05 52 28.8			3			
	E Z BE	APKP	05 53 47.9			2			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	PKP1	05 52 24.-	1.7	1.76	2	16940	152.4	18.5	346.8
	-I Z SL	PKHKP	05 52 36.-	1.5	1.59	3				
	-I Z SL	APKP	05 53 54.-	1.5	1.36	1				
	+E Z SL	APKP	05 54 06.-	1.5	1.28	3				
	-I Z SL	-	05 54 18.-	1.5	1.36	2				
	+E Z SL	PP	05 55 56.-	2.3	2.18	5				

OCT 07
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	08 34 13.2			1				
	E Z BE	PG	08 34 45.2			2				
	E N BE	SG	08 35 47.3			1				
FUR	+E Z SL	-	08 34 25.-	1.5	1.28	5				
	-I Z SL	-	08 34 36.-	1.5	1.36	1				
	Z SL	MAXIMUM	08 36 40.-	1.5	1.66					
BUH	E Z GT	PN	08 34 27.0							

OCT 07
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	11 01 02.4			1				
	E E BE	SG	11 01 47.3			1				

OCT 07 ERL
H= 12 34 56.4
LAT = 4.5 S
LONG= 153.1 E
DEPTH= 86 KM
MAGNITUDE= 5.2
NEW IRELAND REGION

GRF	+E Z BE	PKP	12 53 47.8			2	13860	124.6	48.4	330.8
FUR	+I Z SL	PKP1	12 53 50.-	1.5	1.54	2	13970	125.6	49.3	329.4
	+E Z SL	APKP	12 54 11.-	1.8	1.78	2				
STU	+E Z BE	PKP	12 53 51.0	1.0	1.86	3	14040	126.2	46.7	331.1
BUH	E Z GT	PKP	12 53 52.4				14100	126.8	45.7	331.6

OCT 07
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	13 13 00.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

OCT 08 ERL
H= 02 45 41.6
LAT = 38.4 S
LONG= 93.3 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
WEST CHILE RISE

STU	E Z BE	PKP	03 04 39.5	1.0	1.75	2	13920	125.2	249.8	52.2
FUR	-I Z SL	PKP1	03 04 42.-	2.0	2.10	4	14040	126.3	250.6	53.5
	-I Z SL	-	03 04 49.-	1.5	2.76	4				
GRF	+E Z BE	PKP	03 04 43.2			3	14090	126.8	251.6	51.7

OCT 08 ERL
H= 11 05 20.0
LAT = 41.6 N
LONG= 142.8 E
DEPTH= 55 KM
MAGNITUDE= 4.4
HOKKAIDO, JAPAN REGION

GRF	E Z BE	P	11 17 24.3			1	8860	79.7	34.8	330.4

OCT 08 ERL
H= 17 02 42.1
LAT = 35.9 N
LONG= 140.6 E
DEPTH= 61 KM
MAGNITUDE= 4.4
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	17 15 06.4			1	9310	83.8	39.2	329.7

OCT 08 ERL
H= 19 27 36.8
LAT = 20.1 S
LONG= 178.7 W
DEPTH=613 KM
MAGNITUDE= 4.4
FIJI ISLANDS REGION

GRF	E Z BE	PKP	19 46 20.8			2	16620	149.5	18.5	347.3

OCT 09 ERL
H= 01 58 07.3
LAT = 29.9 N
LONG= 57.8 E
DEPTH= 51 KM
SOUTHERN IRAN

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	P	02 05 37.-	2.0	1.88	3	4430	39.8	100.0	310.6
	-E Z SL	AP	02 05 47.-	1.5	1.28	3				
	-E Z SL	-	02 07 41.-	1.9	1.75	2				
GRF	+E Z BE	P	02 05 40.5			1	4470	40.2	101.8	312.9

OCT 09 ERL
H= 07 18 23.6
LAT = 28.2 N
LONG= 56.0 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
SOUTHERN IRAN

OCT 09 BCS
H= 07 18 31.0
LAT = 28.2 N
LONG= 55.9 E
SOUTHERN IRAN

FUR	-I Z SL	P	07 25 55.-	1.7	2.19	9	4420	39.8	103.7	312.5
	+I Z SL	AP	07 26 04.-	1.5	1.76	2				
	-I Z SL	PP	07 27 26.-	1.8	1.95	2				
	-I Z SL	APP	07 27 34.-	1.6	1.70	3				
	-E Z SL	XPP	07 27 43.-	1.5	1.49	1				
	+E Z SL	-	07 28 18.-	1.5	1.49	3				
	E SL	RM	07 45 30.-	16.0	2.22					
GRF	-E Z BE	P	07 25 58.1	0.9	2.13	2	4470	40.2	105.4	314.8
BUH	E Z GT	P	07 26 10.9				4660	41.9	101.5	312.6
BNS	I Z FS	P	07 26 22.4	1.2	1.48		4780	43.0	103.0	315.7
	E Z FS	-	07 28 12.5							

OCT 09 ERL
H= 09 33 23.3
LAT = 43.2 N
LONG= 146.3 E
DEPTH= 58 KM
MAGNITUDE= 5.3
KURIL ISLANDS

GRF	+I Z BE	P	09 45 25.7	0.7	1.78	9	8840	79.5	31.7	332.2
BNS	+I Z FS	P	09 45 26.0	1.0	1.48		8860	79.7	29.1	335.1
	I Z FS	-	09 45 43.0							
FUR	-I Z SL	P	09 45 33.-	1.2	1.78	2	8980	80.8	31.6	331.4
	-I Z SL	AP	09 45 45.-	1.8	1.78	2				
	+I Z SL	APCP	09 45 49.-	1.5	1.43	1				
BUH	E Z GT	P	09 45 35.1				9050	81.4	29.6	333.4

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

OCT 09 ERL
H= 09 39 58.7
LAT = 43.1 N
LONG= 146.4 E
DEPTH= 44 KM
MAGNITUDE= 4.9
KURIL ISLANDS

GRF	+I Z BE	P	09 52 02.8	0.7	1.46	6	8850	79.5	31.6	332.3

OCT 09
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	10 47 53.8			1				
	E Z BE	PG	10 47 59.6			2				
	E N BE	SG	10 48 23.2			3				

OCT 09
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	14 52 45.8							

OCT 09
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	22 31 11.3							

OCT 09 ERL
H= 23 49 53.2
LAT = 29.6 N
LONG= 52.4 E
DEPTH= 19 KM
MAGNITUDE= 4.4
SOUTHERN IRAN

NOS= FELT AT SHIRAZ

GRF	E Z BE	P	23 57 01.3			1	4110	36.9	107.3	314.6

OCT 10 ERL
H= 04 31 40.1
LAT = 35.2 N
LONG= 25.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
CRETE

OCT 10 BCS
H= 04 31 43.0
LAT = 35.2 N
LONG= 25.6 E
CRETE

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOS= FELT.										
GRF	E Z BE	P	04 35 47.8			2	1990	17.9	139.0	328.6
BUH	E Z GT	P	04 35 56.2				2060	18.5	130.3	321.9

OCT 10
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 13 50.-	1.6	1.78	

OCT 10
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	15 39 18.-	2.0	2.10	2
	+I Z SL	-	15 39 25.-	1.8	2.08	2
BUH	E Z GT	P	15 39 25.5			

OCT 10
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PG	16 08 33.7			2
	E N BE	SG	16 09 09.6			2

OCT 10 ERL
H= 19 23 39.1
LAT = 35.1 N
LONG= 25.8 E
DEPTH= 41 KM
MAGNITUDE= 4.8
CRETE

OCT 10 BCS
H= 19 23 40.0
LAT = 35.2 N
LONG= 25.6 E
CRETE

BUH	E Z GT	P	19 27 55.0				2090	18.8	129.7	321.6

OCT 10 ERL
H= 22 42 18.5
LAT = 20.1 S
LONG= 68.7 W
DEPTH=127 KM
MAGNITUDE= 5.5
CHILE-BOLIVIA BORDER REGION

BNS	E Z FS	PP	22 59 25.-	2.0	2.08		10770	96.9	246.7	38.2

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	P	22 55 44.-	2.0	2.42	4	10930	98.3	249.3	41.8
	-E Z SL	AP	22 56 17.-	2.0	2.00	8				
	-I Z SL	PP	22 59 41.-	2.2	2.49	5				
	Z SL	QM	23 30 00.-	55.0	3.27					
GRF	E Z BE	P	22 55 46.4			2	10990	98.8	249.5	40.3
	E Z BE	-	22 55 56.5			2				
	E Z BE	XP	22 56 34.3			1				
	+E Z BE	PP	22 59 46.2	1.5	2.06	5				

OCT 11 ERL
H= 00 30 04.5
LAT = 53.6 N
LONG= 159.2 E
DEPTH=115 KM
MAGNITUDE= 5.0
NEAR EAST COAST OF KAMCHATKA

GRF	+E Z BE	P	00 41 27.1			3	8180	73.6	19.2	338.9
	E Z BE	AP	00 41 56.2			2				

OCT 11
NO DETERMINATION OF EPICENTER

GRF	-E Z BE	P	03 32 10.7			2

OCT 11 ERL
H= 10 48 09.2
LAT = 21.9 S
LONG= 179.7 W
DEPTH=623 KM
MAGNITUDE= 5.1
FIJI ISLANDS REGION

GRF	+E Z BE	PKP1	11 06 54.3	0.8	1.33	2	16780	150.9	21.2	345.4
	E Z BE	PKP2	11 07 07.2			9				

OCT 11 ERL
H= 17 17 14.3
LAT = 20.6 S
LONG= 168.5 E
DEPTH= 7 KM
LOYALTY ISLANDS

GRF	-E Z BE	PKHKP	17 38 01.4			2	16210	145.8	40.0	333.5
	E Z BE	-	17 38 12.6			2				
FUR	-I Z SL	-	17 38 06.-	1.7	1.91	5	16340	146.9	41.6	331.7
	-I Z SL	-	17 38 16.-	1.7	2.06	9				
	+E Z SL	-	17 38 31.-	1.5	1.54	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
OCT 11									
NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PG	18 38 33.4						
OCT 11									
NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PG	20 13 55.5						
OCT 12	ERL								
H= 00 21 14.2									
LAT = 35.9 N									
LONG= 73.3 E									
DEPTH= 49 KM									
MAGNITUDE= 5.2									
NORTHWESTERN KASHMIR									
GRF	+I Z BE	P	00 29 37.4	1.3	2.08	4	5150	46.3	82.8
FUR	-I Z SL	P							
	+E Z SL	AP	00 29 38.-	1.5	2.20	9	5170	46.5	81.4
	-I Z SL	XP	00 29 47.-	1.3	1.73	4			
	+I Z SL	-	00 29 50.-	1.8	2.08	4			
			00 32 27.-	2.0	2.10	5			
STU	+E Z BE	P	00 29 47.8	0.9	1.72	2	5310	47.8	80.6
BUH	E Z GT	P	00 29 52.7				5380	48.4	79.9
BNS	E Z FS	P	00 29 55.0				5420	48.7	81.2
OCT 12									
NO DETERMINATION OF EPICENTER									
FUR	+I Z SL	-	11 08 07.-	1.0	1.88	2			
	Z SL	MAXIMUM	11 09 00.-	2.0	2.10				
OCT 12									
NO DETERMINATION OF EPICENTER									
GRF	E Z BE	PG	11 59 18.7			2			
	E N BE	SG	11 59 45.4			2			
OCT 12									
NO DETERMINATION OF EPICENTER									
GRF	E Z UK	PN	13 46 35.7			1			
	E Z UK	PG	13 45 28.0			3			
	E E BE	SG	13 45 58.8			4			
BUH	E Z GT	P	13 46 58.2						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
OCT 1972									OCT 1972
OCT 12									
NO DETERMINATION OF EPICENTER									
FUR	-I Z SL	-	13 52 30.-	1.9	1.89	7			
	+E Z SL	-	13 52 51.-	1.5	1.54	9			
OCT 12	ERL								
H= 16 45 09.5									
LAT = 0.6 S									
LONG= 121.7 E									
DEPTH= 33 KM (NORMAL)									
MAGNITUDE= 5.3									
NORTHERN CELEBES									
GRF	E Z BE	PP	17 03 31.0			2	11520	103.6	74.6 321.2
FUR	+E Z SL	APP	17 03 38.-	1.5	1.54	5	11560	104.0	75.0 319.7
OCT 12	ERL								
H= 17 49 51.1									
LAT = 1.8 N									
LONG= 127.4 E									
DEPTH=108 KM									
MAGNITUDE= 5.6									
HALMAHERA									
HOF	-I Z SL	PP	18 08 10.-	3.0	2.72	9	11630	104.6	68.8 323.3
GRF	E Z BE	-	18 05 00.8			2	11700	105.2	68.4 322.8
	E Z BE	-	18 07 18.9			1			
	-E Z BE	PKP	18 07 55.9			3			
	+I Z BE	PKP	18 08 15.9			9			
FUR	+E Z SL	P	18 03 52.-	1.9	1.75	3	11760	105.7	68.8 321.4
	-I Z SL	-	18 07 15.-	1.9	1.89	7			
	-I Z SL	PKP1	18 08 02.-	1.5	1.59	5			
	+I Z SL	-	18 08 13.-	1.9	2.05	3			
	-I Z SL	PP	18 08 19.-	2.2	2.84	4			
	-I Z SL	-	18 08 29.-	1.5	1.81	3			
	+E Z SL	XPP	18 08 51.-	1.8	1.85	4			
	+I Z SL	-	18 09 07.-	2.0	2.24	9			
BUH	E Z GT	PKP	18 08 00.4				11940	107.4	66.2 322.7
OCT 13	ERL								
H= 04 46 11.0									
LAT = 52.8 N									
LONG= 163.1 W									
DEPTH= 38 KM									
MAGNITUDE= 5.9									
SOUTH OF ALASKA									
HLG	-I Z X	P	04 57 39.0			2	8130	73.1	354.3 5.5
	-I Z SL	P	04 57 39.4	7.1		4			

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
BRN	-I Z ET	P	04 57 51.4						
BNS	-I Z FS	P	04 57 57.2	2.0	2.78	3	8350	75.1	357.7
	-I Z SL	-	04 57 58.-						
	E Z FS	-	04 58 08.0	8.0			8480	76.3	353.9
	E Z SL	PP	05 00 42.-						
	E Z SL	S	05 07 35.-						
	E Z SL	-	05 16 16.-						
	E Z SL	LR	05 22 28.-	50.0					
	Z SL	-	05 44 00.-	15.0					
HOF	-I Z SL	P	04 58 03.-	2.0	2.99	9	8580	77.1	356.9
	+I Z SL	PCP	04 58 11.-	1.5	2.79	3			
	-I Z SL	APCP	04 58 20.-	2.0	2.81	5			
	-I Z SL	XPCP	04 58 25.-	1.5	2.57	9			
	+E Z SL	PP	05 00 57.-	2.0	2.41	9			
	-I Z SL	APP	05 01 07.-	2.0	2.35	9			
GRF	-I Z BE	P	04 58 06.3	1.3	2.61	9	8640	77.7	356.5
KRL	-I Z WH	P	04 58 09.6	2.0		7	8700	78.3	354.7
STU	-E Z BE	P	04 58 10.0	1.6	2.70	5	8740	78.6	355.2
	E N SL	S	05 08 04.0	10.0	3.00	2			
BUH	-I Z GT	P	04 58 10.8				8740	78.6	354.6
FUR	-I Z SL	P	04 58 14.-	1.5	2.61	9	8810	79.3	356.5
	-I Z SL	XP	04 58 26.-	1.7	2.56	9			
	+I Z SL	XPCP	04 58 40.-	1.5	2.02	3			
	-I Z SL	-	05 01 09.-	1.9	2.35	3			
	-E Z SL	PPP	05 03 06.-	2.4	2.43	4			
	-E Z SL	SP	05 08 44.-	3.0	2.59	2			
	Z SL	QM	05 25 00.-	45.0	3.51				

OCT 13 ERL
H= 05 04 36.6
LAT = 35.8 N
LONG= 73.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
NORTHWESTERN KASHMIR

GRF	+E Z BE	P	05 13 02.7	1.2	1.83	4	5150	46.4	82.9
FUR	-I Z SL	P	05 13 04.-	1.0	2.28	9	5170	46.5	81.5
	-I Z SL	-	05 13 08.-	1.0	2.28	5			
	-I Z SL	AP	05 13 14.-	1.0	2.12	2			
BUH	E Z GT	P	05 13 18.4				5390	48.4	80.0

OCT 13
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	08 15 55.-	2.0	2.10	9			

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.

OCT 13
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	11 06 20.-	2.0	1.80	5			
	-I Z SL	-	11 06 33.-	1.5	1.43	2			

OCT 13
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	13 16 27.4			1			
	E Z JM	PG	13 16 33.8			2			
	E N BE	SG	13 17 10.9			2			

OCT 13
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	15 47 04.2			1			

OCT 14 ERL
H= 00 00 24.5
LAT = 48.4 N
LONG= 148.7 E
DEPTH=394 KM
MAGNITUDE= 5.6
NORTHWEST OF KURIL ISLANDS

GRF	+I Z BE	P	00 11 29.5	0.7	1.82	5	8410	75.5	27.7 333.1
	E Z BE	AP	00 13 02.7			2			
BNS	+I Z FS	P	00 11 28.8	1.0	1.70		8410	75.7	25.3 336.0
FUR	-I Z SL	P	00 11 38.-	1.2	2.00	5	8560	77.0	27.6 332.3
	-E Z SL	-	00 12 29.-	1.5	1.43	4			
	-E Z SL	APCP	00 13 22.-	1.5	1.43	2			
BUH	E Z GT	P	00 11 38.7				8610	77.4	25.8 334.4

OCT 14 ERL
H= 03 29 33.1
LAT = 51.7 N
LONG= 175.3 W
DEPTH= 62 KM
MAGNITUDE= 5.1
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	-E Z BE	P	03 41 31.2			4	8760	78.8	4.1 355.7

OCT 14
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	12 05 27.-	1.2	1.30	1			
	+I Z SL	-	12 06 03.-	2.0	1.94	7			
	-E Z SL	-	12 06 29.-	2.0	1.94	4			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 14 ERL										
H= 12 06 34.6										
LAT = 33.0 S										
LONG= 178.5 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.4										
SOUTH OF KERMADEC ISLANDS										
FUR	-E Z SL	PKP2	12 27 25.-	1.5	1.43	4	18150	163.2	29.6	336.1
OCT 14										
NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	12 51 58.-	1.5	1.36	2				
OCT 14 ERL										
H= 14 51 20.9										
LAT = 14.3 S										
LONG= 172.9 E										
DEPTH= 60 KM (GEOPHYSICIST)										
MAGNITUDE= 5.3										
NEW HEBRIDES ISLANDS REGION										
GRF	E Z BE	PKP2	15 10 43.0			1	15750	141.7	29.4	340.1
OCT 14										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	18 37 17.2			2				
OCT 14										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	21 20 57.8							
OCT 14 ERL										
H= 23 52 05.7										
LAT = 32.8 S										
LONG= 178.6 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
SOUTH OF KERMADEC ISLANDS										
GRF	E Z BE	PKP1	00 12 06.2			2	17980	161.7	27.0	339.5
	-E Z BE	PKP2	00 12 49.3			2				
FUR	+E Z SL	PKP1	00 12 12.-	2.0	1.88	2	18120	163.0	29.5	337.0
	-I Z SL	PP	00 12 55.-	1.6	1.70	3				
	Z SL	RM	00 39 00.-	18.0	3.12					
BUH	E Z GT	PKP	00 12 50.2				18170	163.4	20.4	344.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 15										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	00 02 09.4							
OCT 15 ERL										
H= 01 00 00.0										
LAT = 32.9 S										
LONG= 178.4 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.2										
SOUTH OF KERMADEC ISLANDS										
BNS	-I Z FS	PKP	01 20 43.0	2.0	1.78		17960	161.5	15.0	348.7
GRF	E Z BE	PKP1	01 19 57.4			1	17990	161.8	25.8	339.6
	E Z BE	PKP2	01 20 44.0	1.5	2.29	2				
	E Z BE	-	01 21 21.3			2				
FUR	+I Z SL	PKP2	01 20 50.-	1.5	2.10	9	18140	163.1	29.2	337.1
	-I Z SL	-	01 21 10.-	1.5	1.70	9				
	Z SL	RM	01 54 00.-	17.0	3.21					
BUH	E Z GT	PKP	01 20 51.4				18180	163.5	20.1	344.3
OCT 15 ERL										
H= 04 33 18.7										
LAT = 50.7 N										
LONG= 155.6 E										
DEPTH=118 KM										
MAGNITUDE= 5.2										
KURIL ISLANDS										
GRF	+E Z BE	P	04 44 52.2			3	8400	75.5	22.5	337.0
FUR	-E Z SL	P	04 45 05.-	1.5	1.28	5	8550	76.9	22.4	336.4
BUH	E Z GT	P	04 44 59.9				8580	77.2	20.6	338.5
OCT 15 ERL										
H= 05 21 18.7										
LAT = 32.9 S										
LONG= 178.3 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.5										
SOUTH OF KERMADEC ISLANDS										
GRF	+E Z BE	PKP2	05 42 02.6			2	17990	161.8	26.5	339.8
	+E Z BE	-	05 42 15.6			3				
FUR	-I Z SL	PKP2	05 42 09.-	1.5	1.81	9	18140	163.1	29.0	337.3
	-I Z SL	APKP	05 42 20.-	1.8	2.23	3				
BUH	E Z GT	PKP	05 42 10.0				18180	163.5	19.8	344.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 15 ERL H= 07 45 53.8 LAT = 52.9 N LONG= 163.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 SOUTH OF ALASKA										
GRF	+E Z BF	P	07 57 49.5			2	8630	77.6	356.5	3.7
OCT 15 ERL H= 10 28 08.3 LAT = 22.1 S LONG= 171.3 E DEPTH=101 KM MAGNITUDE= 5.6 LOYALTY ISLANDS REGION										
HLG	+I Z SL	PKP	10 47 35.3	8.0		5	16190	145.6	27.9	342.8
HAM	E Z SX	PKP	10 47 37.-			2	16200	145.6	31.6	340.3
HOF	+E Z SL	PKP1	10 47 38.-	2.0	1.99	3	16410	147.6	37.3	335.2
	+I Z SL	PKHKP	10 47 41.-	2.0	3.21	9				
	+I Z SL	PKP2	10 47 46.-	4.0	3.27	2				
	+I Z SL	APKP	10 48 09.-	2.0	2.41	8				
	+I Z SL	XPKP	10 48 17.-	2.0	2.21	5				
	+I Z SL	-	10 48 40.-	1.5	2.09	5				
	-E Z SL	-	10 49 07.-	4.0	2.57	5				
GRF	+I Z BE	PKP1	10 47 43.7			9	16490	148.3	36.9	335.1
	I Z BE	PKP2	10 47 47.0			9				
BNS	E Z FS	PKP	10 47 39.5	2.0	2.49		16530	148.7	29.1	340.6
	+I Z FS	-	10 47 44.2							
	E Z SL	PP	10 51 18.-							
	E Z SL	LR	11 37 00.-	60.0						
	Z SL	-	11 41 00.-	40.0						
FUR	-I Z SL	PKP1	10 47 42.-	2.1	2.33	9	16620	149.5	38.5	333.3
	+I Z SL	PKHKP	10 47 46.-	2.0	2.96	9				
	-I Z SL	PKP2	10 47 54.-	1.5	2.49	9				
	-I Z SL	APKP	10 48 11.-	1.9	2.22	9				
	-I Z SL	APKP	10 48 17.-	1.5	1.84	4				
	-I Z SL	XPKP	10 48 23.-	2.0	2.40	2				
	-I Z SL	-	10 48 40.-	1.8	2.18	3				
	-I Z SL	-	10 49 10.-	1.9	2.35	2				
	+I Z SL	PKS	10 51 09.-	2.2	2.19	2				
		PP	10 51 17.-	1.8	2.04	2				
STU	E Z BE	PKP	10 47 41.0	2.0	2.15	1	16660	149.8	34.5	336.2
BUH	E Z GT	PKP	10 47 42.4				16710	150.3	32.9	337.2
	E Z GT	PKP	10 47 46.2							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 15 ERL H= 12 00 09.1 LAT = 32.9 S LONG= 178.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 SOUTH OF KERMADEC ISLANDS										
GRF	E Z BE	PKP2	12 20 53.1			2	17990	161.8	26.6	339.8
OCT 15 ERL H= 14 47 53.2 LAT = 35.8 N LONG= 73.4 E DEPTH= 63 KM MAGNITUDE= 5.1 NORTHWESTERN KASHMIR										
GRF	+E Z BE	P	14 56 16.2	1.0	1.37	3	5160	46.4	82.9	307.5
FUR	-I Z SL	P	14 56 17.-	1.5	1.36	6	5180	46.6	81.5	305.5
	+I Z SL	-	14 56 21.-	1.5	1.43	7				
BUH	E Z GT	P	14 56 31.5				5400	48.5	79.9	306.6
OCT 15 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	16 13 24.8			2				
OCT 15 ERL H= 19 34 42.6 LAT = 51.8 N LONG= 175.3 W DEPTH= 62 KM MAGNITUDE= 4.9 ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	E Z BE	P	19 46 40.2			2	8760	78.8	4.2	355.7
OCT 15 BCS H= 22 02 55.0 LAT = 38.0 N LONG= 20.7 E GREECE										
OCT 15 ERL H= 22 02 55.7 LAT = 38.1 N LONG= 21.1 E DEPTH= 74 KM MAGNITUDE= 4.7 GREECE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
FUR	-E Z SL	P	22 05 44.-	1.3	1.59	5			
	-I Z SL	AP	22 05 55.-	1.5	1.49	2	1360	12.3	
	+I Z SL	XP	22 06 07.-	1.5	1.49	2			
	-I Z SL	S	22 08 10.-	1.8	1.95	9			
	+E Z SL	-	22 08 45.-	1.5	1.49	2			
	Z SL	MAXIMUM	22 10 30.-	1.9	2.22				
GRF	+E Z BE	P	22 06 12.6	1.2	1.79	2			
BNS	E Z FS	P	22 06 39.5				1500	13.5	
							1790	16.1	

OCT 16 ERL
H= 03 21 29.0
LAT = 44.1 N
LONG= 148.4 E
DEPTH= 45 KM (GEOPHYSICIST)
MAGNITUDE= 5.0
KURIL ISLANDS

GRF	+E Z BE	P	03 33 32.5	0.9	1.51	3	8830	79.4	

OCT 16 ERL
H= 04 23 13.7
LAT = 30.0 S
LONG= 177.7 W
DEPTH= 54 KM
MAGNITUDE= 4.4
KERMADEC ISLANDS

GRF	E Z BE	PKP2	04 43 44.2			2	17710	159.2	

OCT 16 BCS
H= 23 39 41.0
LAT = 38.4 N
LONG= 20.4 E
GREECE

FUR	-E Z SL	P	23 42 24.-	1.9	1.95	8			
	-I Z SL	PP	23 42 37.-	1.5	1.43	2			
	-I Z SL	-	23 42 54.-	1.9	1.89	2			
	-E Z SL	-	23 45 12.-	1.7	1.69	6			
	Z SL	RM	23 56 33.-	2.5	2.35				
							1310	11.8	
GRF	E Z BE	P	23 42 42.8			1	1450	13.1	

OCT 17 ERL
H= 06 14 40.4
LAT = 33.0 S
LONG= 178.4 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
SOUTH OF KERMADEC ISLANDS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
GRF	E Z BE	PKP2	06 35 25.0			1	18000	161.9	26.8 339.6

OCT 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	09 34 37.4						

OCT 17
NO DETERMINATION OF EPICENTER

STU= WESTERN SWABIAN JURA, GERMANY. H= 11 01 27.0, 48 DEG. 16 MIN. N, 09 DEG. 03 MIN. E, DEPTH= 10 KM, ML= 3.5

MSS	ST	PG	11 01 30.0						
	ST	SG	11 01 32.2						
BUH	E Z GT	PG	11 01 41.2						
STU	+E N BE	SG	11 01 44.5	0.5	1.99	2			
GRF	E Z JM	PN	11 02 02.7			1			
	+I Z JM	PG	11 02 06.8			6			
	E N BE	SN	11 02 26.9			3			
	E N BE	SG	11 02 31.4			2			
FUR	+I N SL	-	11 02 18.-	1.8	2.15	9			

OCT 17
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

GRF	E Z BE	PG	11 11 27.8			1			
	E N BE	SG	11 11 57.3			1			
FUR	Z SL	MAXIMUM	11 11 40.-	1.8	2.08				

OCT 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	15 05 58.9						

OCT 17
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	18 19 55.8						
GRF	E Z BE	PG	18 20 31.9			2			
	E N BE	SG	18 21 15.8			1			
FUR	-E Z SL	-	18 21 14.-	1.9	1.75	1			

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	OCT 1972

OCT 17 ERL
H= 21 23 16.2
LAT = 10.3 S
LONG= 120.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.7
SUMBA ISLAND REGION

GRF	E Z BE	PKP	21 41 04.2			1	12260	110.3	81.9	319.2
	E Z BE	PP	21 42 17.7			2				
FUR	+E Z SL	PKP	21 41 49.-	2.0	1.80	1	12280	110.4	82.5	317.6
	-E Z SL	PP	21 42 28.-	1.5	1.66	9				
	+E Z SL	APP	21 42 39.-	1.5	1.28	2				

OCT 18 ERL
H= 01 48 18.7
LAT = 35.7 N
LONG= 140.1 E
DEPTH= 76 KM
MAGNITUDE= 5.1
NEAR EAST COAST OF HONSHU, JAPAN

GRF	+I Z BE	P	02 00 40.6	0.9	1.83	6	9300	83.7	39.6	329.4

OCT 18
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	13 48 25.-	1.5	1.59	2				

OCT 18
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	14 21 51.8			2				

OCT 18
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	16 41 14.-	1.9	1.83	2				

OCT 18 ERL
H= 18 18 25.1
LAT = 8.5 S
LONG= 124.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.7
TIMOR

GRF	E Z BE	PKP	18 36 58.2			1	12420	111.7	77.2	320.2
FUR	-I Z SL	APP	18 37 54.-	1.9	2.00	9	12450	112.0	77.8	318.6

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	OCT 1972

OCT 18
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	18 47 59.8			1				

OCT 18 ERL
H= 23 00 50.7
LAT = 38.2 N
LONG= 20.5 E
DEPTH= 80 KM
MAGNITUDE= 4.4
GREECE

OCT 18 BCS
H= 23 00 51.0
LAT = 38.3 N
LONG= 20.4 E
GREECE

FUR	-E Z SL	P	23 03 38.-	1.8	1.90	2	1330	12.0	142.5	328.8
	+I Z SL	XP	23 03 54.-	1.5	1.43	1				
	Z SL	MAXIMUM	23 08 40.-	1.9	2.00					
GRF	E Z BE	P	23 03 47.6			1	1470	13.3	145.3	332.8

OCT 19
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	15 20 16.0			2				
	E N BE	SG	15 20 46.6			2				

OCT 19 ERL
H= 18 43 21.8
LAT = 6.3 S
LONG= 154.4 E
DEPTH= 51 KM
MAGNITUDE= 5.0
SOLOMON ISLANDS

GRF	E Z BE	P	18 59 23.0			1	14110	126.9	48.1	330.9

OCT 19 ERL
H= 22 16 38.1
LAT = 50.7 S
LONG= 139.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
SOUTH OF AUSTRALIA

FUR	-I Z SL	PKP1	22 36 17.-	1.9	2.25	9	16300	146.6	114.4	286.3
	+I Z SL	PKP2	22 36 19.-	1.8	2.60	3				
	-I Z SL	XPKP	22 36 29.-	2.0	2.33	3				
	+I Z SL	APKP	22 36 33.-	1.5	1.84	4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
	+I Z SL	-	22 36 50.-	1.8	2.40	3				
	-I Z SL	-	22 37 12.-	1.5	2.00	3				
GRF	E Z BE	PKP	22 36 19.2	1.5	2.38	4	16370	147.2	112.2	288.9
STU	E Z BF	PKP	22 36 21.0	3.0	3.05	2	16470	148.1	112.8	286.3
BUH	E Z GT	PKP	22 36 20.0				16530	148.6	112.6	285.7
BNS	E Z FS	PKP	22 36 28.0	2.5	2.04		16690	150.1	108.6	289.4

OCT 20 BCS
H= 04 33 46.0
LAT = 20.5 N
LONG= 29.7 W
NORTH ATLANTIC OCEAN

OCT 20 ERL
H= 04 33 48.9
LAT = 20.6 N
LONG= 29.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.7
NORTH ATLANTIC OCEAN

BCIS= UNUSUAL EPICENTER.

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
BUH	E Z GT	P	04 41 32.4				4600	41.3	240.7	38.1
KRL	-E Z WH	P	04 41 36.5	4.5		3	4630	41.6	240.6	37.7
	+I Z WH	PP	04 43 19.6	4.0		8				
BNS	+I Z FS	P	04 41 37.8	1.4	2.73		4660	41.9	237.3	34.6
	+E Z SL	-	04 41 38.-	6.0						
	E Z SL	PP	04 43 22.-							
	E Z SL	S	04 48 06.-							
	E Z SL	LR	04 52 50.-	40.0						
	Z SL	-	05 00 00.-	15.0						
STU	E Z BE	P	04 41 36.5	1.1	2.88	2	4660	41.9	241.7	38.4
	+E N SL	S	04 47 52.0	20.0	3.63					
TNS	1E Z SL	P	04 41 40.1			6	4700	42.2	239.5	36.2
	E Z SL	PP	04 43 47.2			4				
	E N SL	S	04 48 02.-			5				
FUR	-I Z SL	P	04 41 46.-	2.0	3.50	3	4770	42.9	244.5	40.2
	-I Z SL	PCP	04 43 36.-	1.5	2.06	1				
	-I Z SL	S	04 48 04.-	2.0	2.24	5				
	+I Z SL	SP	04 48 17.-	4.0	2.10	8				
	N SL	OM	04 56 00.-	17.0	4.50					
GRF	+E Z BE	P	04 41 51.2	1.2	2.29	3	4840	43.5	243.0	38.1
	E N GL	S	04 48 17.-			3				
HLG	Z SL	P	04 41 54.-			2	4900	44.1	239.3	31.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
HOF	+I Z SL	P	04 41 55.-	3.0	3.02	9	4920	44.2	243.1	37.6
	-E Z SL	PP	04 43 39.-	2.0	2.62	9				
	-I Z SL	PCP	04 43 59.-	5.0	3.38	9				
	-I Z SL	-	04 44 19.-	4.0	3.12	9				
	+I Z SL	-	04 44 40.-	5.0	3.28	7				
	N SL	QM	04 58 40.-	14.0	4.21					
BRN	+E Z ET	P	04 42 09.-			2	5110	45.9	242.7	35.5
	+E Z ET	PP	04 44 00.-			2				

OCT 20 ERL
H= 06 39 17.4
LAT = 50.3 S
LONG= 139.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
SOUTH OF AUSTRALIA

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
FUR	+I Z SL	PKP2	06 59 02.-	1.5	1.36	6	16320	146.7	113.5	286.7
	-E Z SL	-	06 59 54.-	1.8	2.11	9				
GRF	E Z BE	PKP1	06 59 01.4			2	16390	147.4	111.3	289.3
	E Z BE	PKP2	06 59 09.0			2				
BUH	E Z GT	PKP	06 59 10.4				16550	148.8	111.8	286.1

OCT 20 ERL
H= 08 17 48.6
LAT = 18.8 N
LONG= 106.7 W
DEPTH= 38 KM
MAGNITUDE= 5.7
OFF COAST OF JALISCO, MEXICO

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
BNS	E Z FS	P	08 30 45.-	1.8	2.38		9980	89.7	300.0	35.3
	E Z SL	PP	08 34 12.-							
	E Z SL	SP	08 42 42.-							
	E Z SL	-	08 48 41.-							
	E Z SL	LR	08 57 00.-	60.0						
	Z SL	-	09 05 00.-	30.0						
BUH	E Z GT	P	08 30 52.0				10170	91.5	300.8	37.0
GRF	E Z BE	P	08 30 57.4			1	10290	92.5	303.1	35.1
	E Z BE	-	08 31 04.1			3				
HOF	-E Z SL	-	08 31 36.-	2.0	2.35	7	10300	92.6	303.6	34.3
	+I Z SL	-	08 31 39.-	2.0	2.51	9				
	N SL	RM	09 16 40.-	14.0	4.43					
FUR	+I Z SL	P	08 31 03.-	1.9	2.09	2	10390	93.4	303.1	36.3
	+I Z SL	APCP	08 31 07.-	1.8	2.40	2				
	-I Z SL	-	08 31 23.-	1.5	1.96	9				
	+I Z SL	-	08 31 33.-	1.8	2.32	4				
	-I Z SL	APP	08 34 56.-	2.0	2.33	3				
	Z SL	QM	09 07 00.-	30.0	4.67					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 20										
NO DETERMINATION OF EPICENTER										
BNS= EXPLOSION SUPPOSED										
BNS	E Z FS	PG	12 50 11.2							
	E Z FS	SG	12 50 18.9							
	E Z FS		12 50 20.-	0.8	2.40					
OCT 20										
NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	14 54 42.-	1.5	1.43	1				
OCT 20										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	15 02 37.4							
OCT 21 ERL										
H= 04 16 05.1										
LAT = 22.3 N										
LONG= 121.0 E										
DEPTH= 36 KM										
MAGNITUDE= 4.9										
TAIWAN REGION										
GRF	E Z BE	P	04 28 39.2			1	9480	85.3	60.9	322.2
FUR	-E Z SL	P	04 28 47.-	1.5	1.28	5	9560	86.0	60.9	320.8
	+I Z SL	AP	04 28 54.-	1.5	1.43	2				
	+I Z SL	XP	04 28 57.-	1.5	1.43	4				
OCT 21 ERL										
H= 09 07 29.1										
LAT = 21.4 S										
LONG= 174.1 W										
DEPTH= 39 KM										
MAGNITUDE= 5.3										
TONGA ISLANDS										
HOF	-E Z SL	PKP1	09 27 19.-	3.0	2.57	7	16760	150.7	11.5	352.1
GRF	E Z BE	PKP1	09 27 21.3			2	16840	151.4	10.5	352.7
	-E Z BE	PKP2	09 27 28.9			4				
BUH	E Z GT	PKP	09 27 33.9				16980	152.7	4.8	356.6
FUR	-I Z SL	PKP1	09 27 36.-	1.8	2.26	3	17000	152.9	11.1	352.0
OCT 21										
NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	+E Z SL	-	10 59 33.-	3.0	2.57	7				
OCT 21										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	15 00 12.6							
OCT 21 ERL										
H= 19 52 05.4										
LAT = 63.2 N										
LONG= 151.1 W										
DEPTH=132 KM										
MAGNITUDE= 5.4										
CENTRAL ALASKA										
GRF	E Z BE	P	20 02 43.4			3	7410	66.6	351.3	12.4
OCT 22										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	05 45 26.7			2				
OCT 22 ERL										
H= 06 08 08.2										
LAT = 15.8 S										
LONG= 173.7 W										
DEPTH=102 KM										
MAGNITUDE= 5.3										
TONGA ISLANDS										
BNS	-I Z FS	PKP	06 27 34.1	1.0	2.04		16110	144.9	1.4	359.1
GRF	-E Z BE	PKP	06 27 37.6	1.4	2.30	3	16230	145.9	8.4	354.3
	E Z BE	-	06 28 11.4			2				
STU	+E Z BE	PKP	06 27 40.5	1.0	1.94	2	16350	147.0	5.1	356.5
BUH	E Z GT	PKP	06 27 40.5				16360	147.1	3.4	357.7
FUR	-I Z SL	PKP1	06 27 44.-	1.5	1.91	9	16400	147.4	8.9	353.8
	-E Z SL	-	06 27 53.-	1.5	1.36	6				
	-E Z SL	APKP	06 28 13.-	1.5	1.59	2				
	-I Z SL	XPKP	06 28 20.-	1.5	1.59	2				
	+I Z SL	-	06 28 33.-	1.5	1.59	2				
OCT 22 ERL										
H= 11 31 55.7										
LAT = 20.7 S										
LONG= 176.8 W										
DEPTH=248 KM										
MAGNITUDE= 4.3										
FIJI ISLANDS REGION										

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
GRF	+E Z BE	PKP	11 51 19.1			4	16730	150.4	15.3 349.4

OCT 22
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	13 21 05.4						

OCT 22 ERL
H= 22 38 48.9
LAT = 30.4 S
LONG= 178.1 W
DEPTH=106 KM
MAGNITUDE= 4.1
KERMADEC ISLANDS

GRF	E Z BE	PKP2	22 59 17.5			2	17730	159.4	23.5 342.6

OCT 22 ERL
H= 23 02 39.3
LAT = 38.6 N
LONG= 142.9 E
DEPTH= 42 KM
MAGNITUDE= 4.4
NEAR EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	23 15 08.9			2	9150	82.3	36.1 330.7

OCT 23 ERL
H= 09 56 25.5
LAT = 37.9 N
LONG= 26.2 E
DEPTH= 18 KM
MAGNITUDE= 4.5
DODECANESE ISLANDS

OCT 23 BCS
H= 09 56 26.0
LAT = 37.8 N
LONG= 26.3 E
DODECANESE ISLANDS

GRF	E Z BE	P	10 00 16.2			1	1780	16.0	132.0 322.4

OCT 23
NO DETERMINATION OF EPICENTER

FUR	+I Z SL	-	10 35 43.-	1.5	1.54	2			

OCT 23
NO DETERMINATION OF EPICENTER

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
FUR	-I Z SL	-	14 53 04.-	1.5	1.62	2			

OCT 23
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	15 36 47.-	1.5	1.59	5			

OCT 24 ERL
H= 02 50 41.6
LAT = 11.5 N
LONG= 141.6 E
DEPTH= 34 KM
MAGNITUDE= 5.1
WEST CAROLINE ISLANDS

FUR	+I Z SL	PKP1	03 09 23.-	1.5	1.54	2	11800	105.1	51.0 327.9
	Z SL	RM	03 57 30.-	18.0	3.39				

OCT 24 ERL
H= 07 31 51.1
LAT = 13.7 N
LONG= 147.1 E
DEPTH= 15 KM
MAGNITUDE= 5.4
SOUTH OF MARIANA ISLANDS

FUR	-I Z SL	PKP1	07 50 19.-	1.8	1.90	3	11900	107.0	45.1 330.8
	-I Z SL	PP	07 50 34.-	1.8	2.15	9			
	-I Z SL	APP	07 50 46.-	2.0	2.10	3			

OCT 24
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	12 07 01.5			1			
	E Z JM	PG	12 07 09.3			2			
	E N BE	SG	12 07 34.6			2			

OCT 24
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	16 30 47.0						

OCT 24
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	18 21 34.-	1.8	1.78	2			

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
OCT 25 ERL										
H= 00 24 23.2										
LAT = 50.0 N										
LONG= 179.9 W										
DEPTH= 4 KM										
MAGNITUDE= 4.5										
ANDREANOF ISLANDS, ALEUTIAN IS.										
GRF	E Z BE	P	00 36 37.0			2	8920	80.2	7.2	352.7
OCT 25 ERL										
H= 01 01 41.0										
LAT = 43.4 N										
LONG= 127.7 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.3										
OFF COAST OF OREGON										
BUH	E Z GT	P	01 13 50.5				8950	80.5	329.1	27.3
GRF	E Z BE	P	01 13 46.0			1	8960	80.5	331.0	25.6
FUR	N SL	RM	01 53 20.-	15.0	2.02		9110	81.9	331.1	26.1
OCT 25										
NO DETERMINATION OF EPICENTER										
GRF	E Z BF	P	02 13 01.8			2				
OCT 25										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	-	07 50 10.-	1.9	1.78					
OCT 25 BCS										
H= 18 25 54.0										
LAT = 70.9 N										
LONG= 6.4 W										
JAN MAYEN ISLAND REGION										
OCT 25 ERL										
H= 18 25 55.3										
LAT = 70.9 N										
LONG= 7.0 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.3										
JAN MAYEN ISLAND REGION										
NOS= FELT ON JAN MAYEN.										
HLG	Z SL	P	18 30 02.-			1	1990	17.9	344.7	151.9
	Z X	P	18 30 05.-	2.0	2.89	2				

OCT 1972 OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HAM	E Z SX	P	18 30 16.-			5	2110	19.0	343.4	148.8
BNS	+I Z FS	P	18 30 36.2	1.6	2.54		2330	21.0	347.5	155.5
	+I Z SL	-	18 30 36.5	15.0						
	E Z FS	S	18 34 35.-							
	+E Z SL	LR	18 35 44.-	38.0						
	Z SL	-	18 42 30.-	13.0						
TNS	E Z SL	P	18 30 47.-			2	2430	21.9	345.9	153.8
	E N SL	S	18 34 56.-			3				
HOF	+I Z SL	P	18 30 52.-	2.0	2.68	9	2480	22.3	344.2	148.0
	+I Z SL	-	18 30 57.-	1.5	2.57	9				
	+I Z SL	AP	18 31 01.-	1.5	2.69	2				
	-I Z SL	PP	18 31 15.-	1.5	2.50	9				
	-I Z SL	-	18 31 39.-	2.0	2.51	5				
	+E Z SL	-	18 31 49.-	1.5	2.29	8				
	-I Z SL	XS	18 35 06.-	4.0	2.87	2				
	Z SL	RM	18 42 30.-	12.5	4.14					
GRF	+E Z BE	P	18 30 57.0	1.3	2.45	3	2540	22.8	345.1	149.5
	E N GL	S	18 35 11.-			3				
BUH	E Z GT	P	18 31 02.0				2600	23.3	347.9	155.0
STU	+E Z BE	P	18 31 03.0	1.0	2.23	2	2600	23.4	347.1	153.4
	-E N SL	S	18 35 24.0	12.0	3.46	4				
FUR	+I Z SL	P	18 31 12.-	2.0	2.75	9	2700	24.3	345.9	150.4
	+I Z SL	-	18 31 15.-	1.5	2.88	9				
	+I Z SL	AP	18 31 21.-	1.5	2.27	9				
	-I Z SL	XP	18 31 26.-	1.8	2.57	7				
	-I Z SL	PP	18 31 43.-	1.7	2.43	9				
	-I Z SL	-	18 32 03.-	1.6	2.10	4				
	-I Z SL	-	18 32 17.-	1.5	1.98	5				
	-I Z SL	PCP	18 34 58.-	1.5	1.59	9				
	+I Z SL	S	18 35 20.-	1.9	2.05	2				
	Z SL	QM	18 38 00.-	32.0	3.62					

OCT 25 ERL
H= 21 56 06.4
LAT = 44.2 N
LONG= 9.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
NORTHERN ITALY

OCT 25 BCS
H= 21 56 13.0
LAT = 44.5 N
LONG= 9.9 E
DEPTH= 53 KM
NORTHERN ITALY

BCIS= EPICENTER BETWEEN CAPRI AND SASSUOLO. MAX. INT. VII (ROM). FELT STRONGLY IN THE REGION OF CARRARE (PANIK), TOSKANA. FELT IN WHOLE

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
										OCT 1972

NORTHERN ITALY. FELT IV AT TRIESTE, III AT LJUBLJANA, II AT STRASSBOURG (FRANCE) AND IN THE AREA OF STRASSBOURG IN THE UPPER FLOORS OF SOME HOUSES UP TO A DISTANCE OF 480 KM. OF THE EPICENTER. FELT ALSO AT STUTTGART, GERMANY AT A DISTANCE OF 475 KM. OF THE EPICENTER.

FUR	-I Z SL	PN	21 57 10.-	1.0	2.88	9	450	4.1	196.4	15.3
	N SL	MAXIMUM	21 58 50.-	2.0	4.21					
STU	-E Z BE	P	21 57 15.0	0.5	1.59	4	500	4.5	175.7	356.0
	ST	S	21 58 02.5							
BUH	-I Z GT	PN	21 57 15.8				510	4.5	166.8	347.8
KRL	-I Z WH	PG	21 57 21.5			9	540	4.8	169.2	350.1
	+I N WH	SN	21 57 50.-			9				
	-I N WH	SG	21 58 12.-			9				
GRF	-I Z JM	PN	21 57 27.8			9	620	5.6	191.5	10.4
	E Z BE	-	21 57 29.1			9				
	E Z BE	PG	21 57 47.4			3				
	E N GL	SG	21 58 25.-			9				
TNS	I Z SL	PN	21 57 37.1			9	670	6.0	171.6	352.5
	I Z SL	PB	21 57 53.2			7				
	E Z SL	PG	21 57 59.1			6				
	I Z SL	SN	21 58 38.2			9				
	E N SL	SB	21 59 00.0			9				
HOF	+I Z SL	PN	21 57 40.-	1.0	2.16	2	700	6.3	194.7	13.1
	-I Z SL	PB	21 57 52.-	1.5	2.57	5				
	-I Z SL	PG	21 58 21.-	1.0	2.98	9				
	-I Z SL	SB	21 59 12.-	1.5	3.50	3				
	+I Z SL	SG	21 59 36.-	2.0	3.83	4				
	Z SL	MAXIMUM	21 59 57.-	3.5	4.39					
BNS	-E Z FS	PN	21 57 48.5	1.0	2.58		770	6.9	165.0	346.8
	E E X	SN	21 59 01.8	0.6	3.20					
	E N X	-	21 59 05.0	0.6	3.24					
	E E X		22 00 07.-	2.0	3.19					
	Z SL	-	22 01 20.-	9.0						
BOC	E 34	MAXIMUM	21 59 17.5	0.5	3.70		830	7.4	166.2	348.0
HAM	+I Z SX	P	21 58 22.5			2	1030	9.2	181.1	0.9

OCT 25 ERL
H= 23 23 23.0
LAT = 41.4 N
LONG= 141.9 E
DEPTH= 63 KM
MAGNITUDE= 4.2
HOKKAIDO, JAPAN REGION

GRF	E Z BE	P	23 35 25.1			3	8840	79.5	35.4	329.9

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
										OCT 1972

OCT 26
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	00 18 26.6			1				

OCT 26 ERL
H= 03 29 40.0
LAT = 37.5 N
LONG= 20.2 E
DEPTH= 35 KM
MAGNITUDE= 4.1
IONIAN SEA

OCT 26 BCS
H= 03 29 45.0
LAT = 37.5 N
LONG= 20.3 E
IONIAN SEA

FUR	+I Z SL	PPP	03 32 53.-	1.7	1.69	6	1390	12.5	145.1	331.2
	-I Z SL	SS	03 35 17.-	1.5	1.49	8				
	+I Z SL	-	03 35 42.-	1.5	1.49	8				
	Z SL	RM	03 38 05.-	2.0	2.10					
GRF	E Z BE	P	03 33 06.0			2	1530	13.8	148.5	334.7

OCT 26
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	11 18 44.-	1.5	1.28	5				
	+I Z SL	-	11 18 58.-	1.5	1.43	7				

OCT 26 ERL
H= 17 05 03.7
LAT = 27.4 N
LONG= 128.5 E
DEPTH= 47 KM
MAGNITUDE= 6.0
RYUKYU ISLANDS

HAM	+I Z SX	P	17 17 28.7			9	9290	83.5	51.7	328.1
HLG	Z SL	P	17 17 28.-			2	9340	84.0	50.2	329.4
HOF	+I Z SL	P	17 17 34.-	2.0	3.35	9	9390	84.5	52.9	324.9
	-I Z SL	PCP	17 17 39.-	2.0	2.73	9				
	-I Z SL	APCP	17 17 47.-	2.0	3.05	4				
	-I Z SL	XPCP	17 17 53.-	2.7	2.67	9				
	-E Z SL	PP	17 20 54.-	4.0	2.65	6				
	Z SL	RM	17 59 20.-	16.0	3.98					
GRF	+E Z BE	P	17 17 37.0	1.3	2.81	6	9470	85.2	52.4	324.6
FUR	+I Z SL	P	17 17 41.-	1.5	2.80	9	9570	86.1	52.4	323.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
			17 18 20.-	1.7	2.51	9			
			17 19 07.-	1.7	1.91	5			
			17 19 21.-	1.7	2.03	2			
			17 19 36.-	1.5	1.82	2			
			17 20 26.-	1.5	1.59	3			
			17 24 47.-	2.0	2.10	9			
			18 00 20.-	16.0	3.64				
			17 17 42.3	1.9	2.48				
			18 01 08.-	14.0			9610	86.4	49.5 327.2
			17 17 43.8	1.3	2.41	3	9650	86.8	50.9 324.7
			17 17 46.8				9710	87.4	50.2 325.1
			17 27 39.2	1.3	1.81	3	8280	74.5	20.7 338.1
			22 07 41.9			4	15530	139.6	37.5 335.9
			22 08 39.6			2			
			22 11 10.5			4			
			22 07 39.3						
			22 07 46.-	1.2	1.70		15570	140.1	31.0 340.4
			22 07 42.-	1.7	2.06	4	15660	140.3	38.7 334.4
			22 08 17.-	1.5	1.54	2			
			22 08 21.-	1.7	1.81	2			
			22 08 54.-	1.7	2.03	3			
			22 09 10.-	2.0	2.24	3			
			22 07 44.6	1.3	1.84	1	15700	141.2	35.3 336.8
			22 07 49.4				15750	141.6	34.0 337.9

OCT 1972 OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
			OCT 27 ERL						
			H= 09 23 08.7						
			LAT = 20.0 S						
			LONG= 168.9 E						
			DEPTH= 39 KM						
			MAGNITUDE= 5.7						
			NEW HEBRIDES ISLANDS						
BRN	+E	Z ET	PKP	09 42 35.-			2	15840	142.5 39.5 335.5
	+E	Z ET	APKP	09 42 50.-			2		
HAM	E	Z SX	PKP	09 42 31.-			3	15880	142.8 34.0 339.2
HLG	+I	Z SL	PKP	09 42 35.0			4	15890	142.9 30.5 341.5
		Z SL	PP	09 45 50.8			3		
HOF	+I	Z SL	P	09 42 41.-	4.0	4.05	9	16080	144.6 39.4 334.4
	+I	Z SL	PKP2	09 42 49.-	4.0	3.59	4		
	-I	Z SL	APKP	09 42 54.-	4.0	3.90	9		
	-I	Z SL	-	09 43 29.-	6.0	3.73	8		
		Z SL	RM	09 54 20.-	18.0	3.96			
GRF	+E	Z BE	PKP	09 42 44.2			9	16170	145.4 39.0 334.3
BNS	+I	Z FS	PKP	09 42 45.5	2.5	3.27		16220	145.9 31.7 339.3
	+I	Z SL	-	09 42 45.5	10.0				
	E	Z FS	-	09 44 43.3					
	E	Z SL	PP	09 46 16.-					
TNS	1I	Z SL	PKP	09 42 44.0			9	16240	146.0 34.3 337.4
FUR	-I	Z SL	PKP1	09 42 47.-	2.9	3.73	9	16300	146.5 40.5 332.5
	+I	Z SL	PP	09 46 14.-	1.9	2.52	3		
	+I	Z SL	APP	09 46 21.-	3.3	2.68	2		
	-I	Z SL	XPP	09 46 26.-	2.0	2.54	9		
		Z SL	RM	10 45 00.-	25.0	3.54			
STU	+I	Z SL	PKP	09 42 46.0	10.0	3.98	9	16340	146.9 35.7 335.1
KRL	-I	Z WH	PKP	09 42 48.6	2.0		9	16350	147.0 35.3 336.2
BUH	E	Z GT	PKP	09 42 46.4				16390	147.4 35.3 336.0
	E	Z GT	PKP	09 42 51.1					

OCT 27 NFB
H= 15 05 01.0
LAT = 51.0 N
LONG= 9.2 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT DORHEIM, HESSEN. SHOTPOINT NO. 113
H= 15 05 01.01, 50 DEG. 57 MIN. 52.2 SEC. N, 9 DEG. 13 MIN. 7.2 SEC. E,
HEIGHT= 320 METERS, CHARGE= 5.6 TONS

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	E E X	SG	15 05 43.5				140	1.3	89.2	270.7
GRF	I Z JM	PN	15 05 33.9			2	200	1.8	315.6	134.1
	E Z JM	-	15 05 35.5			2				
	-I Z JM	PG	15 05 39.1			4				
	E N BE	SG	15 05 59.0			2				

OCT 27
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	17 35 19.6							
GRF	E Z BE	PG	17 35 52.3			1				
	E E BE	SG	17 36 27.7			1				

OCT 28 ERL
H= 01 01 20.4
LAT = 2.6 N
LONG= 128.7 E
DEPTH= 48 KM
MAGNITUDE= 5.4
HALMAHERA

GRF	E Z BE	PP	01 19 53.9			1	11720	105.4	65.9	323.3
FUR	+I Z SL	PP	01 19 55.-	2.0	2.24	3	11780	105.9	67.3	321.8

OCT 28 ERL
H= 02 27 10.1
LAT = 7.3 S
LONG= 146.7 E
DEPTH= 2 KM
MAGNITUDE= 5.9
EAST NEW GUINEA REGION

HOF	Z SL	RM	03 44 00.-	17.0	3.05		13680	123.0	57.1	327.1
GRF	+E Z BE	PKP	02 46 13.1			2	13760	123.7	56.8	326.8
FUR	-I Z SL	PKP1	02 46 15.-	2.0	2.05	2	13850	124.5	57.7	325.2
	-I Z SL	-	02 47 55.-	1.9	2.15	2				
	+I Z SL	PP	02 48 07.-	2.0	2.48	4				
	+E Z SL	PKS	02 49 46.-	2.0	2.18	9				
	Z SL	RM	03 44 30.-	20.0	3.80					
STU	E Z BE	PKP	02 46 13.5	1.2	1.92	2	13940	125.4	55.3	326.7
BUH	E Z GT	PKP	02 46 13.4				14000	125.9	54.4	327.1

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

OCT 28 ERL
H= 03 16 52.0
LAT = 15.3 S
LONG= 167.5 E
DEPTH=128 KM
MAGNITUDE= 5.8
NEW HEBRIDES ISLANDS

HAM	E Z SX	PKP	03 36 05.-			2	15350	138.0	33.4	340.0
HOF	+I Z SL	PKP1	03 36 06.-	4.0	3.47	9	15550	139.9	38.2	335.7
	+I Z SL	PP	03 39 06.-	3.0	3.38	9				
	-I Z SL	-	03 39 34.-	3.0	3.12	9				
GRF	E Z BE	PKP	03 36 01.0			2	15640	140.6	37.8	335.7
	E Z BE	-	03 46 41.0			2				
BNS	E Z FS	PKP	03 36 03.-				15680	141.0	31.2	340.2
	I Z FS	-	03 36 04.6							
	E Z FS	-	03 36 51.-							
	E Z FS	PP	03 39 14.-							
FUR	+I Z SL	PKP1	03 36 06.-	1.8	2.56	7	15770	141.8	39.0	334.1
	+I Z SL	XPKP	03 36 48.-	1.5	1.86	2				
	+I Z SL	PP	03 39 14.-	1.8	2.38	8				
	-I Z SL	-	03 47 38.-	2.0	2.10	3				
	+I Z SL	-	03 47 59.-	1.5	1.62	6				
STU	E Z BE	PKP	03 36 05.0	1.0	2.45	2	15810	142.1	35.6	336.5
BUH	E Z GT	PKP	03 36 07.0				15860	142.6	34.3	337.3

OCT 28 ERL
H= 17 54 15.8
LAT = 33.3 N
LONG= 140.1 E
DEPTH= 93 KM
MAGNITUDE= 4.8
SOUTH OF HONSHU, JAPAN

GRF	-E Z BE	P	18 06 47.1			6	9540	85.8	40.8	329.5

OCT 29 ERL
H= 03 09 24.5
LAT = 7.6 N
LONG= 36.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
CENTRAL MID-ATLANTIC RIDGE

FUR	+I Z SL	P	03 19 12.-	1.5	1.43	1	6360	57.2	241.3	36.3
	+E Z SL	AP	03 19 19.-	1.5	1.43	2				
	-E Z SL	XP	03 19 25.-	1.7	1.69	6				
GRF	-E Z BE	P	03 19 16.5			4	6440	57.9	240.3	34.7

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STA.	AZIMUTH EPIC.
OCT 29										
NO DETERMINATION OF EPICENTER										
GRF	+E Z BE	P	05 08 53.9			2				
OCT 29 ERL										
H= 07 20 38.5										
LAT = 33.0 N										
LONG= 137.7 E										
DEPTH=331 KM										
MAGNITUDE= 5.5										
NEAR S. COAST OF HONSHU, JAPAN										
HOF	-I Z SL	P	07 32 34.-	1.0	1.95	5	9370	84.2	43.2	328.5
GRF	-E Z BE	P	07 32 38.2	1.2	2.09	5	9450	85.0	42.7	328.4
	E Z BE	AP	07 33 58.0			3				
	-E Z BE	PP	07 36 01.4			3				
FUR	-I Z SL	P	07 32 44.-	1.8	2.11	9	9570	86.1	42.6	327.3
	-I Z SL	APCP	07 34 03.-	1.3	1.96	2				
	-I Z SL	XPCP	07 34 46.-	1.5	1.59	2				
	-I Z SL	PP	07 36 08.-	2.0	2.10	9				
OCT 29 ERL										
H= 17 41 17.3										
LAT = 31.4 S										
LONG= 178.1 W										
DEPTH= 59 KM										
MAGNITUDE= 5.3										
KERMADEC ISLANDS REGION										
GRF	-E Z BE	PKP	18 01 52.0			3	17840	160.4	24.5	341.7
FUR	-I Z SL	XPKP	18 01 34.-	1.5	1.59	9	17990	161.8	26.5	339.5
	+I Z SL	PKP2	18 02 01.-	2.0	2.14	1				
OCT 29 ERL										
H= 23 47 16.9										
LAT = 30.2 S										
LONG= 60.7 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 6.1										
ATLANTIC-INDIAN RISE										
FUR	+I Z SL	P	00 00 14.-	2.0	2.30	5	9980	89.7	138.9	329.4
OCT 30 ERL										
H= 01 50 40.7										
LAT = 22.4 N										
LONG= 62.0 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.9										
NORTH ATLANTIC OCEAN										

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STA.	AZIMUTH EPIC.
GRF	+E Z BE	P	02 01 03.5			4	6960	62.5	272.8	44.5
OCT 30 ERL										
H= 10 29 51.2										
LAT = 21.1 S										
LONG= 170.2 E										
DEPTH=154 KM										
MAGNITUDE= 5.0										
LOYALTY ISLANDS REGION										
GRF	-I Z BE	PKP	10 49 16.8	0.8	1.68	3	16340	146.9	37.8	334.7
	E Z BE	APKP	10 50 10.4			2				
BNS	-I Z FS	PKP	10 49 17.0	1.3	1.30		16380	147.3	30.3	340.0
FUR	-I Z SL	PKP1	10 49 20.-	1.7	2.32	9	16470	148.1	33.4	332.9
	+I Z SL	PKHKP	10 49 24.-	1.7	2.21	2				
	-I Z SL	APKP	10 49 59.-	1.5	1.59	2				
	+E Z SL	XPKP	10 50 14.-	1.8	1.70	1				
	+I Z SL	XPKP	10 50 25.-	2.4	2.43	4				
STU	-E Z BE	PKP	10 49 20.0	1.5	2.55	3	16510	148.5	35.5	335.7
OCT 30 BCS										
H= 14 32 13.0										
LAT = 38.3 N										
LONG= 20.4 E										
GREECE										
OCT 30 ERL										
H= 14 32 13.1										
LAT = 38.3 N										
LONG= 20.4 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.3										
GREECE										
FUR	-I Z SL	P	14 35 01.-	1.5	1.96	9	1320	11.9	142.7	329.0
	-I Z SL	PP	14 35 10.-	1.8	2.20	2				
	-I Z SL	PPP	14 35 15.-	1.3	2.36	6				
	-I Z SL	-	14 35 21.-	1.2	2.30	4				
	-I Z SL	-	14 35 33.-	1.1	2.41	3				
	-I Z SL	S	14 37 06.-	1.5	1.79	3				
	+I Z SL	SSS	14 37 31.-	1.5	1.98	4				
	Z SL	RM	14 41 00.-	1.5	2.19					
GRF	E Z BE	P	14 35 17.1			2	1460	13.2	146.5	332.9
	E N BE	S	14 37 34.4							
STU	-E Z BE	P	14 35 18.6	1.0	2.19	3	1470	13.2	138.1	325.8
HOF	Z SL	RM	14 41 40.-	12.0	4.22		1500	13.5	149.9	335.9
BUH	E Z GT	P	14 35 23.8				1510	13.6	135.2	323.6

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.
BNS	-I Z FS	P							
	E E X	S	14 35 54.5	1.6	2.20				
	Z SL	-	14 39 31.5						
			14 44 20.-	12.0			1750	15.7	
OCT 30 ERL									
H= 16 48 09.4									
LAT = 6.3 S									
LONG= 154.8 E									
DEPTH= 50 KM									
MAGNITUDE= 5.8									
SOLOMON ISLANDS									
GRF	+E Z BE	PKIKP	17 07 09.4						
	E Z BE	PP	17 09 10.4			2	14130	127.1	
						3			
BNS	-I Z FS	PKP	17 07 12.5	1.1	1.48				
	E Z FS	-	17 07 24.-				14230	128.0	
	E Z SL	PP	17 09 16.-						
	E Z SL	-	17 20 48.-						
	Z SL	-	18 02 00.-	24.0					
FUR	-I Z SL	PKP1	17 07 12.-	1.5	1.79	3	14240	128.1	
	+I Z SL	XPKP	17 07 27.-	1.5	1.59	2			
	+I Z SL	PP	17 09 16.-	1.5	1.59	2			
BUH	E Z GT	PKP	17 07 14.4				14370	129.2	
OCT 30									
NO DETERMINATION OF EPICENTER									
GRF	E Z BE	P	17 20 25.0			2			
OCT 30									
NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PN	23 10 56.5						
OCT 31									
NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PN	03 37 43.1						
OCT 31									
NO DETERMINATION OF EPICENTER									
BNS	+I Z FS	P	08 48 06.8	1.2	1.70				
OCT 31									
NO DETERMINATION OF EPICENTER									
FUR	-E Z SL	-	13 54 42.-	1.5	1.28	2			
	-E Z SL	-	13 55 20.-	1.7	1.76	4			

OCT 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
OCT 31										
NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	P	15 18 50.-	1.3	1.54	3				
OCT 31 ERL										
H= 21 31 18.7										
LAT = 35.9 N										
LONG= 73.5 E										
DEPTH= 68 KM										
MAGNITUDE= 4.7										
NORTHWESTERN KASHMIR										
GRF	E Z BE	P	21 39 43.3			1	5170	46.5	82.7	307.5
OCT 31 ERL										
H= 23 24 12.5										
LAT = 6.1 S										
LONG= 104.9 E										
DEPTH= 73 KM										
MAGNITUDE= 5.4										
SUNDA STRAIT										
GRF	E Z BE	P	23 37 39.0			1	10790	97.0	91.2	319.2
	E Z BE	PP	23 41 32.5			1				
NOV 01 ERL										
H= 06 29 43.7										
LAT = 20.1 S										
LONG= 173.9 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.1										
TONGA ISLANDS										
HAM	E Z SX	PKP	06 49 25.-			4	16290	146.5	6.5	355.9
BNS	-I Z FS	PKP	06 49 31.6	2.0	2.04		16590	149.2	1.9	358.7
HOF	-I Z SL	PKP1	06 49 33.-	2.0	2.62	9	16620	149.5	10.7	352.8
	+E Z SL	APKP	06 49 54.-	4.0	2.57	5				
GRF	E Z BE	PKP	06 49 33.7			2	16700	150.2	9.6	353.4
FUR	+E Z SL	PKP1	06 49 34.-	2.0	1.94	2	16870	151.7	10.2	352.7
	-I Z SL	PKHKP	06 49 38.-	2.0	2.21	2				
	+I Z SL	PKP2	06 49 47.-	2.0	2.35	4				
	+I Z SL	-	06 50 05.-	2.0	2.27	3				
	+E Z SL	-	06 50 20.-	2.2	2.23	2				
NOV 01										
NO DETERMINATION OF EPICENTER										
GRF	E Z JM	PN	09 56 42.9			2				
	E Z JM	PG	09 56 45.3			3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E N BE	SG	09 57 10.8			2				

NOV 01 ERL
H= 14 22 49.5
LAT = 38.2 N
LONG= 141.9 E
DEPTH= 57 KM
MAGNITUDE= 4.8
NEAR EAST COAST OF HONSHU, JAPAN

GRF	+E Z BE	P	14 35 06.8	0.9	1.44	3	9140	82.2	37.1	330.2

NOV 01 ERL
H= 15 02 50.6
LAT = 52.3 N
LONG= 171.8 W
DEPTH= 49 KM
MAGNITUDE= 4.5
FOX ISLANDS, ALEUTIAN ISLANDS

GRF	-E Z BE	P	15 14 48.5			2	8720	78.4	1.9	358.0

NOV 01 ERL
H= 15 24 30.7
LAT = 41.5 N
LONG= 142.8 E
DEPTH= 76 KM
MAGNITUDE= 5.3
HOKKAIDO, JAPAN REGION

GRF	+E Z BE	P	15 36 32.4			2	8870	79.7	34.9	330.4
	E Z BE	PP	15 39 36.6			2				
FUR	-I Z SL	P	15 36 39.-	1.5	1.59	9	9000	81.0	34.7	329.5
	-E Z SL	PCP	15 36 45.-	1.9	1.95	2				
	-I Z SL	AP	15 37 05.-	1.5	1.79	4				
	-E Z SL	APCP	15 37 13.-	1.5	1.49	8				
	+I Z SL	-	15 37 19.-	1.8	2.18	3				
BUH	E Z GT	P	15 36 53.1				9080	81.7	32.8	331.5

NOV 01 ERL
H= 16 39 50.7
LAT = 43.4 N
LONG= 146.3 E
DEPTH= 48 KM
MAGNITUDE= 4.8
KURIL ISLANDS

GRF	+E Z BE	P	16 51 53.8	1.0	1.66	3	8820	79.3	31.6	332.2
FUR	-I Z SL	P	16 52 02.-	2.6	2.34	2	8960	80.6	31.5	331.3
BUH	E Z GT	P	16 52 03.4				9030	81.2	29.6	333.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 01 ERL
H= 17 06 47.5
LAT = 72.4 N
LONG= 3.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
NORWEGIAN SEA

BUH	E Z GT	P	17 11 59.0				2660	23.9	356.7	172.7

NOV 01 ERL
H= 21 22 15.4
LAT = 6.3 S
LONG= 144.5 E
DEPTH= 39 KM
MAGNITUDE= 5.4
NEW GUINEA

GRF	E Z BE	PKIKP	21 41 07.1			2	13530	121.7	58.3	326.2
	E Z BE	PP	21 42 43.6			2				
FUR	+I Z SL	PKP1	21 41 09.-	1.5	1.54	3	13610	122.4	59.2	324.7
	+I Z SL	-	21 41 16.-	1.5	1.43	2				
	+I Z SL	XPKP	21 41 23.-	1.5	1.54	3				
	-I Z SL	PP	21 42 44.-	1.7	1.86	5				
	-I Z SL	APP	21 42 54.-	1.9	2.22	3				
STU	E Z BE	PKP	21 41 09.5	1.1	1.73	3	13710	123.3	56.8	326.1
BUH	E Z GT	PKP	21 41 11.1				13770	123.9	55.9	326.5

NOV 01 ERL
H= 21 53 46.0
LAT = 26.4 N
LONG= 96.3 E
DEPTH= 97 KM
MAGNITUDE= 5.3
BURMA

GRF	-E Z BE	P	22 04 32.6			2	7480	67.3	75.6	315.5
	+I Z BE	AP	22 04 59.2			6				
FUR	+I Z SL	P	22 04 35.-	1.5	1.49	8	7520	67.6	75.0	313.8
	+I Z SL	PCP	22 05 01.-	1.5	2.06	9				
BUH	E Z GT	P	22 04 45.4				7720	69.4	73.2	315.0

NOV 02 ERL
H= 01 26 57.6
LAT = 49.9 N
LONG= 78.8 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 6.2
EASTERN KAZAKH SSR

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 02 BCS
H= 01 27 00.0
LAT = 50.0 N
LONG= 79.3 E
DEPTH= 0 KM (GEOPHYSICIST)
EASTERN KAZAKH SSR

BCIS= SEMIPALATINSK AREA. UNDOUBTLY ARTIFICIAL.

HAM	E Z SX	P	01 34 47.-			9	4600	41.4	65.9	302.4
HOF	+I Z SL	P	01 34 49.-	1.5	3.04	9	4630	41.6	63.6	297.3
	-I Z SL	PP	01 36 28.-	1.5	2.83	6				
GRF	+I Z BE	P	01 34 55.2	1.0	2.60	9	4700	42.3	62.7	296.8
FUR	+I Z SL	P	01 35 01.-	1.5	2.65	9	4780	43.0	61.3	294.8
	+I Z SL	-	01 35 19.-	1.7	2.25	2				
	+I Z SL	-	01 35 51.-	1.7	2.31	3				
	-I Z SL	-	01 36 27.-	1.7	2.39	3				
	-I Z SL	PP	01 36 41.-	1.5	1.98	1				
	-I Z SL	PPP	01 37 10.-	1.5	1.76	3				
	+I Z SL	-	01 37 25.-	1.3	2.14	3				
	+I Z SL	PCS	01 40 41.-	1.8	2.04	3				
	-I Z SL	S	01 41 17.-	1.8	2.00	4				
STU	+I Z BE	P	01 35 07.4	0.7	2.64	9	4880	43.9	61.0	296.5
BNS	+I Z FS	P	01 35 08.0	1.5	2.51		4890	44.0	62.1	300.2
	I Z FS	-	01 36 45.7							
	Z SL	-	01 54 24.-	8.0						
BUH	+I Z GT	P	01 35 12.2				4950	44.5	60.5	296.8

NOV 02
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	01 46 06.-	1.7	1.86	5				
	Z SL	MAXIMUM	01 51 05.-	2.5	2.69					

NOV 02 ERL
H= 09 51 47.0
LAT = 6.4 S
LONG= 131.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.7
TANIMBAR ISLANDS REGION

GRF	E Z BE	PP	10 11 22.5			1	12670	114.0	70.4	322.0
FUR	+E Z SL	XPKP	10 10 39.-	1.5	1.36	6	12730	114.4	71.1	320.4
	+I Z SL	-	10 11 21.-	1.5	1.59	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 02
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	11 02 37.-	1.5	1.49	4				

NOV 02
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	-I Z SL	-	11 11 14.-	1.2	1.78	2				
	Z SL	MAXIMUM	11 11 47.-	1.7	2.29					

NOV 02 ERL
H= 14 43 42.0
LAT = 26.3 S
LONG= 27.3 E
DEPTH= 20 KM
MAGNITUDE= 5.2
REPUBLIC OF SOUTH AFRICA

GRF	E Z BE	P	14 55 37.5			1	8560	77.0	165.2	349.3

NOV 02 ERL
H= 19 55 22.1
LAT = 20.0 S
LONG= 168.8 E
DEPTH= 32 KM
MAGNITUDE= 6.3
LOYALTY ISLANDS

BRN	+E Z ET	PKP	20 14 49.4			5	15850	142.6	39.6	335.4
	+E Z ET	PP	20 18 03.-			2				
HAM	E Z SX	PKP	20 14 51.-			9	15890	142.9	34.1	339.1
HLG	+I Z SL	PKP	20 14 48.-	16.0		9	15900	142.9	30.6	341.4
	Z X	PKP	20 14 48.-			1				
HOF	+I Z SL	P	20 14 54.-	5.0	4.76	9	16090	144.7	39.6	334.3
	-I Z SL	PP	20 18 19.-	8.0	4.45	9				
GRF	-E Z BE	PKP	20 14 58.0	1.3	3.37	2	16180	145.5	39.1	334.1
	+E Z BE	PPP	20 22 07.0	1.0	1.90	6				
	+E Z BE	-	20 22 16.8			2				
	+E Z BE	-	20 22 19.3			4				
	-E Z BE	-	20 22 29.8			3				
BOC	+I Z BA	PKP	20 14 57.9	4.0	4.76	3	16180	145.5	31.5	339.7
							16230	145.9	31.9	339.2
BNS	E Z SL	P	20 12 35.-							
	+I Z FS	PKP	20 14 59.0	2.5	3.72					
	+I Z SL	-	20 14 59.-	12.0						
	+I Z FS	-	20 15 10.5							
	E Z SL	LR	21 06 00.-	36.0						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	Z SL	-	21 22 00.-	20.0						
FUR	-I Z SL	PKP1	20 15 00.-	1.5	2.24	9	16300	146.6	40.7	332.3
	+I Z SL	PP	20 18 29.-	5.0	3.94	9				
	+I Z SL	-	20 22 23.-	1.5	2.09	3				
	-I Z SL	PCPPKP	20 23 14.-	1.5	1.98	2				
	+I Z SL	-	20 29 13.-	6.0	3.70	9				
STU	E Z BE	PKP	20 15 00.5	1.6	3.87	2	16350	147.0	36.9	335.0
KRL	+E Z ST	PKP	20 15 01.6			2	16360	147.1	35.5	336.0
	+I Z ST	-	20 15 05.5	1.6		9				
BUH	+I Z GT	PKP	20 15 01.2				16400	147.5	35.5	335.9
	I Z GT	PKP	20 15 06.7							

NOV 02
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	20 22 12.5							
BNS	+I Z FS	P	20 22 20.8	1.5	2.11					
	+I Z FS	-	20 22 31.4							

NOV 02
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	20 57 48.-							
GRF	E Z BE	P	20 57 51.0			2				

NOV 02 ERL
H= 21 08 37.3
LAT = 20.3 S
LONG= 169.0 E
DEPTH= 21 KM
MAGNITUDE= 5.0
NEW HEBRIDES ISLANDS

GRF	+E Z BE	PKP	21 28 15.8	1.2	1.79	3	16210	145.8	39.1	334.1
BNS	I Z FS	PKP	21 28 16.8	1.4	1.60		16260	146.2	31.8	339.2
FUR	-I Z SL	PKP1	21 28 20.-	1.3	2.00	9	16340	146.9	40.7	332.3
	+I Z SL	APKP	21 28 34.-	1.5	1.54	3				
BUH	E Z GT	PKP	21 28 21.1				16430	147.8	35.4	335.8

NOV 02
NO DETERMINATION OF EPICENTER

GRF	+E Z BE	P	21 19 39.8			3				
FUR	-E Z SL	-	21 19 44.-	1.5	1.36	6				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	P	21 19 45.2							

NOV 02 ERL
H= 23 09 50.3
LAT = 16.5 S
LONG= 172.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
SAMOA ISLANDS REGION

BNS	E Z FS	PKP	23 29 25.0				16190	145.6	359.8	0.2
GRF	E Z BE	PKP	23 29 30.6			2	16320	146.8	6.8	355.4
FUR	+E Z SL	PKP1	23 29 35.-	2.0	1.94	7	16490	148.3	7.2	355.3
	-I Z SL	PKHKP	23 29 38.-	2.0	2.10	2				
	+I Z SL	XPKP	23 29 48.-	1.8	1.95	9				

NOV 03 ERL
H= 07 09 28.7
LAT = 20.1 S
LONG= 168.6 E
DEPTH= 22 KM
MAGNITUDE= 4.8
LOYALTY ISLANDS

GRF	+E Z BE	PKP	07 29 06.6			1	16170	145.4	39.5	334.0
	-E Z BE	PP	07 32 13.7			5				
BNS	-I Z FS	PKP	07 29 08.5	2.0	1.95		16220	145.9	32.2	339.0
	-I Z FS	PP	07 32 14.8	1.5	1.70					
FUR	-I Z SL	PKP1	07 29 11.-	2.0	2.24	5	16290	146.5	41.0	332.1
BUH	E Z GT	PKP	07 29 12.8				16390	147.4	35.8	335.6
	E Z GT	PP	07 32 19.0							

NOV 03 ERL
H= 07 58 12.3
LAT = 20.2 S
LONG= 169.1 E
DEPTH= 41 KM
MAGNITUDE= 4.8
NEW HEBRIDES ISLANDS

GRF	+E Z BE	PKP	08 17 47.7			3	16200	145.7	38.9	334.3
FUR	+E Z SL	PKP1	08 17 51.-	1.3	1.84	5	16320	146.8	40.4	332.5
	+E Z SL	APKP	08 18 02.-	2.0	2.10	3				

NOV 03
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	09 21 05.4			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z FS	-	16 34 58.5							
FUR	-I Z SL	PKP1	16 34 44.-	1.5	2.06	9	16300	146.6	40.7	332.3
	-I Z SL	PKP2	16 34 52.-	1.5	1.81	2				
	-I Z SL	XPKP	16 35 02.-	1.5	1.54	3				
STU	+E Z BE	P	16 34 44.5	1.0	2.22	4	16350	147.0	35.9	335.0
BUH	-E Z GT	PKP	16 34 46.2				16400	147.5	35.5	335.8

NOV 03 ERL
H= 22 42 38.4
LAT = 19.6 S
LONG= 169.4 E
DEPTH= 22 KM
MAGNITUDE= 5.2
NEW HEBRIDES ISLANDS

HOF	+I Z SL	PKP1	23 02 13.-	2.0	2.62	9	16070	144.5	38.5	335.0
GRF	E Z BE	PKP	23 02 15.7	1.4	2.17	3	16150	145.3	38.0	334.9
BNS	I Z FS	PKP	23 02 16.6	2.0	2.04		16200	145.7	30.8	339.9
FUR	-I Z SL	PKP1	23 02 18.-	2.0	2.35	4	16280	146.4	39.5	333.1
	+I Z SL	PKP2	23 02 24.-	1.5	2.06	5				
	-I Z SL	-	23 02 39.-	1.8	2.18	5				
	+E Z SL	PP	23 05 43.-	1.8	1.90	3				
BUH	E Z GT	PKP	23 02 18.9				16370	147.2	34.3	336.7

NOV 03 ERL
H= 23 57 55.3
LAT = 19.3 S
LONG= 69.0 W
DEPTH=127 KM
MAGNITUDE= 5.3
NORTHERN CHILE

FUR	-I Z SL	PP	00 15 15.-	1.7	1.95	6	10890	97.9	250.1	41.8
GRF	E Z BE	PP	00 15 15.5			1	10940	98.4	250.2	40.3

NOV 03 ERL
H= 23 57 59.4
LAT = 34.2 N
LONG= 69.7 E
DEPTH= 20 KM
MAGNITUDE= 5.4
AFGHANISTAN

NOS= FELT (V) AT KABUL.

HOF	Z SL	RM	00 28 30.-	12.0	3.93		4950	44.5	88.4	309.3

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						3	5000	45.0	87.2	308.5
GRF	-E Z BE	P	00 06 16.4							
FUR	+E Z SL	P	00 06 17.-	2.0	2.05	2	5010	45.0	85.8	306.3
	-I Z SL	-	00 06 20.-	2.0	2.10	3				
	+E Z SL	XP	00 06 29.-	1.5	1.49	2				
	-I Z SL	PCP	00 07 55.-	1.5	1.54	2				
	+I Z SL	PP	00 08 03.-	1.5	1.66	3				
	+I Z SL	-	00 08 24.-	2.5	2.53	3				
	+I Z SL	PPP	00 08 39.-	1.9	2.05	2				
BUH	E Z GT	P	00 06 30.0				5230	47.0	84.2	307.3
BNS	E Z FS	P	00 06 35.5	1.9	1.78		5280	47.5	85.5	310.5
	E Z FS	-	00 07 19.-							
	E Z FS	-	00 08 26.-							

NOV 04 ERL
H= 00 46 04.3
LAT = 19.6 S
LONG= 169.4 E
DEPTH= 18 KM
MAGNITUDE= 4.4
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP	01 05 41.8			3	16160	145.3	38.0	334.9

NOV 04 ERL
H= 01 33 37.3
LAT = 17.3 N
LONG= 60.8 W
DEPTH= 35 KM
MAGNITUDE= 4.5
LEEWARD ISLANDS

GRF	E Z BE	P	01 44 30.7			2	7270	65.4	268.0	42.8

NOV 04 ERL
H= 01 38 38.3
LAT = 17.4 N
LONG= 60.8 W
DEPTH= 37 KM
MAGNITUDE= 4.7
LEEWARD ISLANDS

GRF	E Z BE	P	01 49 19.0			2	7270	65.4	268.0	42.8

NOV 04
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	01 52 38.-	1.9	1.75	1				
	+I Z SL	-	01 53 48.-	1.8	1.95	2				
GRF	E Z BE	PG	01 53 01.6			1				
	E N BE	SG	01 54 05.4			1				

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 04 ERL
H= 03 49 56.6
LAT = 20.1 S
LONG= 169.1 E
DEPTH= 53 KM
MAGNITUDE= 5.7
NEW HEBRIDES ISLANDS

HAM	E Z SX	PKP	04 09 20.-			2	15900	143.0	33.7	339.3
HLG	Z SL	PKP	04 09 30.-			6	15910	143.0	30.2	341.7
HOF	+I Z SL	PKP1	04 09 27.-	2.0	3.53	9	16110	144.8	39.1	334.5
	+I Z SL	PKP2	04 09 34.-	2.2	3.14	9				
	-I Z SL	APKP	04 09 39.-	3.0	3.85	9				
GRF	-E Z BE	PKP	04 09 30.6	1.5	2.91	3	16190	145.6	38.7	334.4
BNS	+E Z FS	PKP	04 09 30.5	1.5	2.89		16240	146.0	31.4	339.5
	+I Z FS	-	04 09 32.2							
	+I Z SL	-	04 09 32.2	22.0						
	I Z FS	-	04 09 44.-							
	E Z SL	PP	04 12 56.-							
	E Z SL	-	04 24 02.-							
	E Z SL	LR	05 00 00.-	40.0						
	Z SL	-	05 16 20.-	21.0						
TNS	1I Z SL	PKP	04 09 34.0			7	16260	146.2	34.0	337.5
FUR	+I Z SL	PKP1	04 09 32.-	2.0	2.00	8	16320	146.7	40.3	332.6
	+I Z SL	PP	04 12 57.-	1.9	2.22	3				
STU	E Z BE	PKP	04 09 32.0	1.3	1.88	2	16360	147.1	36.5	335.3
	+I Z BE	-	04 09 35.5	1.0	2.97	9				
	+E Z BE	-	04 09 47.0	1.6	3.52	9				
KRL	+I Z WH	PKP	04 09 37.0	2.0		9	16370	147.2	35.0	336.3
BUH	E Z GT	PKP	04 09 33.2				16410	147.6	35.0	336.1
	I Z GT	PKP	04 09 37.2							

NOV 04
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	07 44 26.3							
FUR	+E Z SL	-	07 44 29.-	1.8	1.95	5				
	Z SL	MAXIMUM	07 45 56.-	1.8	2.32					
GRF	E Z BE	PG	07 45 00.4			1				
	E N BE	SG	07 46 04.3			1				

NOV 04
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	08 49 23.1			2				

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 04 ERL H= 09 32 22.0 LAT = 28.5 N LONG= 57.0 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 SOUTHERN IRAN										
GRF	+E Z BE	P	09 40 00.5	1.0	1.77	4	4510	40.5	104.1	314.3
BUH	E Z GT	P	09 40 12.8				4700	42.2	100.2	312.1
NOV 04 ERL H= 09 47 19.9 LAT = 4.8 S LONG= 144.6 E DEPTH= 85 KM MAGNITUDE= 5.6 NEAR NORTH COAST OF NEW GUINEA										
GRF	E Z BE	PKP	10 06 04.0			3	13400	120.5	57.2	326.8
FUR	+I Z SL	PKP1	10 06 06.-	1.5	1.76	3	13490	121.3	58.1	325.2
	+E Z SL	APKP	10 06 29.-	1.8	2.11	7				
	+E Z SL	XPKP	10 06 39.-	1.8	1.85	1				
	-I Z SL	PP	10 07 41.-	1.5	1.59	9				
	+E Z SL	XPP	10 08 13.-	1.8	1.78	2				
	Z SL	RM	10 59 00.-	23.0	3.23					
BNS	I Z FS	PKP	10 06 07.3	1.2	1.60		13550	121.9	52.6	329.7
	E Z SL	LR	10 46 00.-	55.0						
BUH	E Z GT	PKP	10 06 07.2				13640	122.7	54.8	327.1
NOV 04 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	10 16 08.-	1.5	1.43	7				
	-I Z SL	-	10 20 06.-	2.0	1.94	2				
GRF	E Z BE	P	10 16 10.5			2				
NOV 04 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	10 50 05.9			1				
NOV 04 ERL H= 11 07 49.7 LAT = 20.2 S LONG= 178.0 W DEPTH=554 KM MAGNITUDE= 4.7 FIJI ISLANDS REGION										

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	I Z FS	PKP	11 26 37.0	1.0	1.60		16580	149.1	9.5	353.6
GRF	-E Z BE	PKP	11 26 38.9	0.8	1.40	3	16650	149.7	17.3	348.1
FUR	-I Z SL	PKP1	11 26 41.-	1.5	1.54	9	16810	151.1	18.3	347.1
NOV 04 NO DETERMINATION OF EPICENTER										
FUR	-E Z SL	-	11 52 06.-	1.5	1.28	5				
	-E Z SL	-	11 52 51.-	1.5	1.43	7				
NOV 04 ERL H= 17 02 09.0 LAT = 20.1 S LONG= 169.1 E DEPTH= 45 KM NEW HEBRIDES ISLANDS										
GRF	E Z BE	PKP	17 21 42.7			2	16190	145.6	38.8	334.3
NOV 04 ERL H= 21 36 01.7 LAT = 8.2 S LONG= 112.3 E DEPTH=126 KM MAGNITUDE= 6.0 JAVA										
GRF	E Z BE	P	21 49 49.8			2	11500	103.4	85.9	319.1
	E Z BE	-	21 53 02.8			2				
	E Z BE	PP	21 53 57.8							
FUR	-E Z SL	P	21 49 49.-	1.5	1.76	9	11500	103.4	87.3	317.5
	-I Z SL	-	21 53 06.-	1.8	1.95	9				
	-I Z SL	PP	21 54 05.-	1.9	2.43	3				
	+I Z SL	SKKS	22 00 53.-	2.4	2.36	1				
	-I Z SL	-	22 01 04.-	2.0	2.27	2				
	-I Z SL	S	22 01 22.-	1.5	1.54	2				
HAM	E Z SX	PP	21 54 10.-				11560	103.9	84.9	323.0
BUH	E Z GT	PP	21 53 19.0				11720	105.4	84.8	318.2
	E Z GT	-	21 54 18.5							
BNS	E Z FS	PKP	21 53 26.-				11770	105.9	83.4	320.6
	E Z FS	-	21 54 18.5	2.8	2.23					

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 04 ERL										
H= 23 48 22.3										
LAT = 20.2 S										
LONG= 168.9 E										
DEPTH= 21 KM										
MAGNITUDE= 5.2										
LOYALTY ISLANDS										
HOF	+I Z SL	PKP1	00 07 58.-	4.0	3.65	9	16100	144.8	39.6	334.2
	-I Z SL	APKP	00 08 10.-	4.0	3.42	4				
GRF	+E Z BE	PKP	00 08 00.5	1.5	2.48	7	16190	145.6	39.2	334.1
BNS	+I Z FS	PKP	00 08 01.5	2.0	2.46		16240	146.0	31.9	339.2
	+I Z SL	-	00 08 01.5	9.0						
	E Z SL	LR	00 59 00.-	68.0						
	Z SL	-	01 14 00.-	25.0						
FUR	-E Z SL	PKP1	00 08 02.-	2.0	2.75	9	16320	146.7	40.7	332.3
	-I Z SL	APKP	00 08 12.-	1.5	1.98	2				
	-I Z SL	APKP	00 08 20.-	1.5	2.02	5				
	+I Z SL	XPKP	00 08 24.-	2.0	2.54	3				
	+I Z SL	-	00 08 47.-	2.0	2.53	7				
	N SL	QM	01 01 30.-	45.0	4.26					
STU	E Z BE	PKP	00 08 07.8	1.0	2.26	2	16360	147.1	35.9	335.0
BUH	E Z GT	PKP	00 08 03.0				16410	147.6	35.5	335.0
NOV 05 ERL										
H= 00 05 50.2										
LAT = 9.7 S										
LONG= 122.2 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.8										
SAWU SEA										
GRF	E Z BE	P	00 21 09.7			1	12330	110.9	80.1	319.5
	E Z BE	PKIKP	00 23 53.8			1				
	E Z BE	-	00 24 26.7			2				
	E Z BE	PKP	00 24 40.4			2				
	E Z BE	PS	00 35 22.5			1				
FUR	+E Z SL	PKP1	00 24 25.-	1.7	1.76	2	12360	111.1	80.7	317.9
	+E Z SL	XPKP	00 24 40.-	1.9	2.22	3				
	+I Z SL	PP	00 25 02.-	1.5	1.62	2				
	-I Z SL	APP	00 25 12.-	1.5	1.59	2				
	-I Z SL	XPP	00 25 19.-	2.5	2.58	3				
BUH	E Z GT	PKP	00 24 25.2				12570	113.0	78.1	318.9
NOV 05										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	00 58 48.2							

NOV 1972 NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+E Z SL	-	00 58 52.-	1.5	1.28	5				
NOV 05 ERL										
H= 00 59 32.1										
LAT = 20.3 S										
LONG= 168.9 E										
DEPTH= 21 KM										
MAGNITUDE= 4.9										
LOYALTY ISLANDS										
GRF	+E Z BE	PKP	01 19 11.0	1.8	2.47	3	16210	145.7	39.3	334.0
BNS	+I Z FS	PKP	01 19 12.0	2.0	2.15		16260	146.2	32.0	339.1
	E Z FS	-	01 19 22.5							
FUR	+E Z SL	PKP1	01 19 14.-	1.5	1.49	8	16330	146.9	40.9	332.2
	+I Z SL	PKP2	01 19 20.-	1.5	1.76	3				
	-I Z SL	APKP	01 19 25.-	1.5	1.81	2				
BUH	E Z GT	PKP	01 19 16.7				16430	147.7	35.6	335.7
NOV 05 ERL										
H= 12 30 15.6										
LAT = 42.0 N										
LONG= 142.5 E										
DEPTH= 70 KM										
MAGNITUDE= 4.6										
HOKKAIDO, JAPAN REGION										
GRF	+E Z BE	P	12 42 15.5	0.7	1.21	2	8800	79.2	34.8	330.2
NOV 05 ERL										
H= 13 32 18.4										
LAT = 22.2 S										
LONG= 179.8 W										
DEPTH=635 KM										
MAGNITUDE= 4.9										
SOUTH OF FIJI ISLANDS										
GRF	E Z BE	PKP	13 51 14.1			2	16810	151.2	21.5	345.1
NOV 05 ERL										
H= 19 25 42.4										
LAT = 35.1 N										
LONG= 24.9 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.2										
CRETE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
NOV 05 BCS H= 19 25 45.0 LAT = 35.0 N LONG= 25.2 E CRETE									
FUR	+E Z SL	P	19 29 34.-	1.3	2.32	9	1840	16.5	137.4 326.5
	-I Z SL	AP	19 29 41.-	1.5	2.28	3			
	+I Z SL	XP	19 29 47.-	1.9	2.32	1			
	+I Z SL	-	19 29 50.-	1.5	1.76	2			
	-I Z SL	-	19 30 02.-	1.5	1.89	2			
	-E Z SL	S	19 32 38.-	1.5	1.43	4			
	+I Z SL	SSS	19 33 15.-	2.3	2.22	9			
	+I Z SL	PCP	19 34 12.-	1.9	2.05	5			
	Z SL	RM	19 37 10.-	15.0	3.64				
GRF	-E Z BE	P	19 29 47.0			3	1970	17.7	140.5 329.8
	-I Z BE	-	19 29 50.1			9			
STU	E Z BE	P	19 29 49.8	1.5	2.40	2	1990	17.9	134.0 324.6
BUH	E Z GT	P	19 29 55.0				2040	18.3	131.8 322.9
TNS	I Z SL	P	19 30 10.0			4	2150	19.3	135.5 326.7
	E N SL	PP	19 30 32.-			2			
BNS	-I Z FS	P	19 30 18.3	1.5	2.18		2270	20.4	134.4 326.6
	E Z SL	LR	19 38 44.-						
	Z SL	-	19 39 30.-	14.0					
HAM	E Z SX	P	19 30 26.-			3	2360	21.2	144.2 334.8
NOV 05 ERL H= 20 08 03.2 LAT = 5.4 S LONG= 145.7 E DEPTH=230 KM MAGNITUDE= 5.5 EAST NEW GUINEA REGION									
GRF	E Z BE	PKP	20 26 32.1			2	13580	122.1	55.5 327.5
	E Z BE	APKP	20 27 23.4			1			
FUR	-E Z SL	PKP1	20 26 34.-	1.5	1.28	3	13670	122.9	56.4 325.9
	+I Z SL	PP	20 28 17.-	1.5	1.59	3			
	+I Z SL	PPP	20 29 15.-	2.0	2.14	2			
BUH	E Z GT	PKP	20 26 34.1				13820	124.3	53.1 327.8
NOV 05 NO DETERMINATION OF EPICENTER									
GRF	E Z BE	P	20 36 30.2			2			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
NOV 05 NO DETERMINATION OF EPICENTER									
FUR	+E Z SL	-	20 39 43.-	1.5	1.28	1			
	-I Z SL	-	20 40 27.-	1.5	1.49	8			
GRF	E Z BE	P	20 40 24.1			1			
NOV 05 NO DETERMINATION OF EPICENTER									
GRF	+E Z BE	P	20 45 08.8			4			
	+E Z BE	-	20 45 20.6			5			
BNS	E Z FS	P	20 45 09.-						
	E Z FS	-	20 45 19.-						
BUH	E Z GT	P	20 45 13.8						
NOV 05 ERL H= 22 07 02.2 LAT = 20.1 S LONG= 168.8 E DEPTH= 25 KM MAGNITUDE= 5.3 LOYALTY ISLANDS									
HOF	-I Z SL	PKP1	22 26 37.-	1.5	2.56	9	16100	144.8	39.6 334.2
GRF	+E Z BE	PKP	22 26 39.5	1.1	2.15	2	16180	145.5	39.2 334.1
BNS	-I Z FS	PKP	22 26 41.0	1.5	2.28		16240	146.0	31.9 339.1
FUR	-I Z SL	PKP1	22 26 43.-	1.3	2.35	9	16310	146.7	40.8 332.3
	-I Z SL	PKP2	22 26 50.-	1.5	1.98	1			
	-I Z SL	XPKP	22 26 57.-	1.9	2.22	2			
BUH	E Z GT	PKP	22 26 44.4				16410	147.5	35.5 335.8
NOV 06 ERL H= 07 09 21.3 LAT = 20.4 S LONG= 168.2 E DEPTH= 46 KM MAGNITUDE= 4.8 LOYALTY ISLANDS									
GRF	+E Z BE	PKP	07 28 57.3			6	16190	145.6	40.3 333.4
BNS	E Z FS	PKP	07 28 57.5	2.0	2.00		16240	146.1	33.1 338.4
	I Z FS	-	07 29 18.0						
FUR	+I Z SL	PKP1	07 29 01.-	2.0	2.14	2	16310	146.7	41.9 331.5
	-I Z SL	APKP	07 29 11.-	1.5	1.59	9			
	-I Z SL	XPKP	07 29 19.-	2.9	3.03	1			

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STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BUH	E Z GT	PKP	07 29 02.8				16410	147.6	36.7	335.0

NOV 06 ERL
H= 10 56 08.8
LAT = 27.0 N
LONG= 88.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
SIKKIM

GRF	E Z BE	P	11 06 44.1			1	6900	62.1	80.5	314.1

NOV 06 ERL
H= 11 39 49.7
LAT = 36.1 N
LONG= 139.7 E
DEPTH= 63 KM
MAGNITUDE= 5.1
HONSHU, JAPAN

GRF	+E Z BE	P	11 52 10.9	0.8	1.55	4	9250	83.2	39.7	329.2

NOV 06 ERL
H= 16 22 16.0
LAT = 43.7 N
LONG= 147.5 E
DEPTH= 49 KM
MAGNITUDE= 4.5
KURIL ISLANDS

GRF	E Z BE	P	16 34 19.1			2	8830	79.4	30.6	332.9

NOV 06 ERL
H= 17 36 57.6
LAT = 19.9 S
LONG= 168.3 E
DEPTH= 45 KM
MAGNITUDE= 4.8
NEW HEBRIDES ISLANDS

GRF	+E Z BE	PKP	17 56 31.7			3	16140	145.1	39.8	333.8
FUR	-E Z SL	PKP1	17 56 34.-	2.5	2.35	2	16260	146.3	41.4	331.9
	+E Z SL	APKP	17 56 48.-	2.2	2.19	3				

NOV 07 ERL
H= 05 35 21.2
LAT = 28.8 S
LONG= 67.2 W
DEPTH=137 KM
MAGNITUDE= 5.5
LA RIOJA PROVINCE, ARGENTINA

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	PKP1	05 53 24.-	1.7	2.21	7	11540	103.8	242.3	42.5
GRF	E Z BE	AP	05 49 48.5			2	11620	104.5	242.6	41.1
	+E Z BE	PP	05 53 28.6			3				

NOV 07 ERL
H= 06 40 35.8
LAT = 22.7 N
LONG= 120.8 E
DEPTH= 22 KM
MAGNITUDE= 5.4
TAIWAN

GRF	E Z BE	P	06 53 26.8			1	9420	84.7	60.9	322.1
FUR	+I Z SL	P	06 53 14.-	1.5	1.54	9	9500	85.4	60.8	320.7
	+E Z SL	PCP	06 53 19.-	1.5	1.43	2				
	-I Z SL	XPCP	06 53 31.-	1.0	2.36	9				

NOV 07 ERL
H= 12 05 13.8
LAT = 49.0 N
LONG= 39.4 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.2
NORTH ATLANTIC OCEAN

NOV 07 BCS
H= 12 05 15.0
LAT = 48.9 N
LONG= 38.8 W
NORTH ATLANTIC OCEAN

BCIS= UNUSUAL EPICENTER. NOS= BELIEVED TO BE THE FIRST INSTRUMENTALLY LOCATED EPICENTER IN THIS AREA OF THE NORTH ATLANTIC.

GRF	+E Z BE	P	12 11 43.3	0.8	1.40	3	3610	32.5	288.6	69.2
FUR	+I Z SL	P	12 11 48.-	1.7	1.76	7	3670	33.0	290.9	71.9
	+I Z SL	AP	12 11 55.-	1.5	1.59	5				
	+I Z SL	XP	12 11 59.-	1.5	1.59	3				
	-I Z SL	PP	12 12 53.-	1.5	1.59	5				

NOV 07
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	13 37 08.0			1				
	E Z BE	-	13 37 47.2			2				
FUR	-E Z SL	-	13 37 12.-	2.2	2.37	3				

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
NOV 07 ERL H= 13 37 19.0 LAT = 28.4 N LONG= 140.6 E DEPTH=155 KM MAGNITUDE= 4.8 BONIN ISLANDS REGION									
GRF	E Z BE	P	13 50 03.1			2	10030	90.2	42.9 329.9
NOV 07 ERL H= 15 14 43.7 LAT = 22.0 S LONG= 170.0 E DEPTH= 32 KM LOYALTY ISLANDS PEGION									
GRF	-E Z BE	PKP	15 34 27.3			2	16420	147.7	38.9 333.9
FUR	-E Z SL	PKP1	15 34 27.-	1.7	1.76	2	16550	148.8	40.6 332.0
	-I Z SL	PKHKP	15 34 30.-	1.9	2.00	3			
NOV 07 NO DETERMINATION OF EPICENTER									
FUR	-E Z SL	-	16 26 14.-	1.9	1.64	1			
	+I Z SL	-	16 27 07.-	1.5	1.49	1			
NOV 07 ERL H= 20 30 07.4 LAT = 22.0 S LONG= 169.7 E DEPTH= 32 KM LOYALTY ISLANDS REGION									
GRF	E Z BE	PKP	20 49 48.6			1	16410	147.6	39.4 333.7
FUR	+E Z SL	-	20 49 40.-	2.0	1.88	2	16540	148.7	41.0 331.7
	-I Z SL	APKP	20 50 04.-	2.0	2.10	9			
NOV 07 ERL H= 22 41 33.1 LAT = 34.9 N LONG= 24.8 E DEPTH= 16 KM MAGNITUDE= 4.6 CRETE									
FUR	+E Z SL	P	22 45 30.-	1.9	1.95	2	1850	16.6	137.8 326.8

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
GRF	E Z BE	P	22 45 42.3			1	1980	17.8	140.8 330.1
NOV 08 ERL H= 14 25 43.3 LAT = 23.9 N LONG= 121.6 E DEPTH= 27 KM MAGNITUDE= 5.5 TAIWAN									
GRF	E Z BE	P	14 38 13.7			2	9370	84.3	59.5 322.3
	E Z BE	PP	14 41 28.2			1			
FUR	+I Z SL	P	14 38 16.-	1.5	1.84	9	9450	85.0	59.5 320.9
	+I Z SL	PCP	14 38 20.-	2.0	2.35	2			
	-I Z SL	XPCP	14 38 34.-	2.0	2.27	9			
	Z SL	RM	15 21 30.-	17.0	3.31				
BUH	E Z GT	P	14 38 24.5				9620	86.5	57.3 322.4
NOV 08 NO DETERMINATION OF EPICENTER									
BNS	I Z FS	SG	15 14 39.6	0.5	2.08				
NOV 08 ERL H= 21 17 54.5 LAT = 6.9 N LONG= 82.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SOUTH OF PANAMA									
GRF	E Z BE	P	21 30 42.2			1	9670	87.0	277.1 40.5
NOV 09 ERL H= 02 49 03.5 LAT = 21.4 S LONG= 179.1 W DEPTH=542 KM MAGNITUDE= 4.7 FIJI ISLANDS REGION									
GRF	-E Z BE	PKP	03 07 53.9			3	16750	150.6	19.8 346.4
NOV 09 ERL H= 08 09 05.4 LAT = 21.1 S LONG= 179.0 W DEPTH=621 KM MAGNITUDE= 4.5 FIJI ISLANDS REGION									

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z NE	PKP	08 27 58.2			2	16710	150.3	19.5	346.6
							16890	151.9		
BUH	E Z GT	PKP	08 28 24.0						14.4	349.8
	E Z GT	PKP	08 28 31.8							
	E Z GT	PKP	08 28 44.0							
NOV 09 ERL										
H= 08 09 44.3										
LAT = 20.9 S										
LONG= 179.0 W										
DEPTH=606 KM										
MAGNITUDE= 5.7										
FIJI ISLANDS REGION										
HAM	E Z SX	PKP	08 28 20.-			5	16330	146.8	15.4	350.2
HOF	-I Z SL	PKP1	08 28 27.-	1.5	2.86	9	16620	149.4	20.3	346.2
	+I Z SL	PKHKP	08 28 35.-	4.0	3.47	9				
	+I Z SL	PKP2	08 28 41.-	5.0	3.37	9				
BNS	-I Z FS	PKP	08 24 26.2	1.0	2.28		16640	149.6	11.5	352.3
	-I Z FS	-	08 24 27.0							
	E Z FS	-	08 24 35.0							
GRF	E Z BE	PKP	08 28 22.6			2	16700	150.2	19.5	346.6
	E Z BE	-	08 28 26.6			2				
	-I Z BE	PKP	08 28 28.7			9				
	E Z BE	-	08 28 37.1			4				
FUR	-I Z SL	PKP1	08 28 25.-	1.5	1.59	9	16860	151.6	20.5	345.4
	-I Z SL	PKHKP	08 28 32.-	2.0	2.50	5				
	-I Z SL	PKP2	08 28 44.-	1.8	2.65	6				
	-I Z SL	APKP	08 31 00.-	2.0	2.24	2				
	+I Z SL	SKP	08 31 51.-	1.8	2.15	2				
NOV 09 ERL										
H= 11 03 58.3										
LAT = 20.3 S										
LONG= 168.3 E										
DEPTH= 10 KM										
MAGNITUDE= 4.9										
LOYALTY ISLANDS										
GRF	E Z BE	PKP	11 23 37.5			1	16170	145.4	40.0	333.6
FUR	+E Z SL	PKP1	11 23 43.-	2.0	2.24	9	16300	146.6	41.6	331.7
NOV 09										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	11 34 25.2			1				
NOV 09										
NO DETERMINATION OF EPICENTER										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	11 49 28.9			3				
NOV 09 ERL										
H= 15 39 41.6										
LAT = 20.1 S										
LONG= 169.2 E										
DEPTH= 59 KM										
MAGNITUDE= 5.0										
NEW HEBRIDES ISLANDS										
GRF	+E Z BE	PKP	15 59 15.0			4	16190	145.6	38.7	334.4
FUR	-I Z SL	PKP1	15 59 19.-	1.5	1.73	9	16320	146.8	40.2	332.6
	+I Z SL	XPKP	15 59 33.-	1.3	1.79	2				
BUH	E Z GT	PKP	15 59 20.1				16410	147.6	35.0	336.2
NOV 09 ERL										
H= 16 36 55.2										
LAT = 19.6 S										
LONG= 169.3 E										
DEPTH= 25 KM										
MAGNITUDE= 5.6										
NEW HEBRIDES ISLANDS										
GRF	-E Z BE	PKP	16 56 31.8	1.1	2.21	5	16150	145.3	38.0	334.9
BNS	E Z FS	PKP	16 56 32.0	1.8	2.15		16200	145.7	30.8	339.9
FUR	+E Z SL	PKP1	16 56 34.-	2.0	2.57	6	16280	146.4	39.5	333.1
	-I Z SL	PKP2	16 56 38.-	1.5	2.06	6				
	+I Z SL	XPKP	16 56 45.-	2.0	2.50	2				
	+I Z SL	XPKP	16 56 51.-	1.9	2.05	3				
BUH	E Z GT	PKP	16 56 33.8				16370	147.2	34.3	336.6
NOV 09 ERL										
H= 18 41 14.5										
LAT = 23.9 N										
LONG= 121.6 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.7										
TAIWAN										
HOF	+I Z SL	P	18 53 40.-	4.0	3.60	4	9300	83.6	60.1	322.6
	+I Z SL	AP	18 53 48.-	3.0	3.37	9				
	-I Z SL	XP	18 53 54.-	2.0	2.69	9				
	-E Z SL	PP	18 54 57.-	6.0	3.67	9				
	Z SL	RM	19 36 00.-	12.5	4.83					
GRF	+E Z BE	P	18 53 44.6	1.4	2.02	4	9370	84.3	59.6	322.3
	E Z BE	-	18 53 47.4			2				
FUR	+I Z SL	P	18 53 49.-	2.0	2.53	9	9460	85.0	59.5	320.9
	-I Z SL	PCP	18 53 51.-	1.9	2.52	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	-	18 53 54.-	2.0	2.51	4				
	-I Z SL	XPCP	18 54 06.-	1.5	2.06	5				
	+E Z SL	PP	18 57 07.-	3.0	2.83	4				
	-I Z SL	APP	18 57 12.-	2.0	2.68	3				
	Z SL	RM	19 37 00.-	16.0	4.95					
BNS	+I Z FS	P	18 53 51.0	3.8	2.92		9540	85.8	56.7	324.7
	+I Z SL	-	18 53 52.-	7.0						
	E Z FS	PP	18 57 12.-							
	E Z SL	LR	19 25 25.-	40.0						
	Z SL	-	19 36 00.-	14.0						
BUH	E Z GT	P	18 53 51.5				9620	86.5	57.3	322.4

NOV 09
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	20 19 58.0			1				

NOV 10 ERL
H= 00 23 42.1
LAT = 20.9 S
LONG= 178.2 W
DEPTH=516 KM
MAGNITUDE= 4.7
FIJI ISLANDS REGION

GRF	E Z BE	PKP	00 42 33.3			1	16710	150.3	18.0	347.6

NOV 10 ERL
H= 04 45 11.7
LAT = 30.3 N
LONG= 57.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
IRAN

GRF	E Z BE	P	04 52 39.3			1	4420	39.7	101.6	312.7

NOV 10 ERL
H= 07 40 55.8
LAT = 44.5 N
LONG= 147.4 E
DEPTH=118 KM
MAGNITUDE= 5.6
KURIL ISLANDS

HAM	+I Z SX	P	07 52 30.2			7	8430	75.8	29.9	335.4
HOF	+I Z SL	P	07 52 42.-	2.0	3.05	9	8670	77.9	30.8	332.7
GRF	+I Z BE	P	07 52 47.5			9	8750	78.7	30.3	332.7
BNS	+I Z FS	P	07 52 47.4	1.1	2.28		8770	78.8	27.8	335.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	P	07 52 54.-	1.8	2.65	9	8890	80.0	30.2	331.9
	-I Z SL	PCP	07 53 02.-	1.5	1.59	2				
	-I Z SL	APCP	07 53 26.-	1.5	1.76	3				
	+I Z SL	XP	07 53 31.-	1.5	1.86	9				
	-I Z SL	XPCP	07 53 38.-	1.5	1.62	?				
STU	+I Z BE	P	07 52 54.0	1.0	2.34	5	8910	80.1	28.9	333.4
BUH	E Z GT	P	07 52 56.2				8950	80.5	28.3	333.9

NOV 10 ERL
H= 08 29 13.4
LAT = 54.6 N
LONG= 160.5 E
DEPTH=110 KM
MAGNITUDE= 5.2
NEAR EAST COAST OF KAMCHATKA

GRF	+I Z BE	P	08 40 33.0	1.2	2.23	9	8100	72.9	18.1	339.7
FUR	-I Z SL	P	08 40 41.-	1.5	1.98	9	8260	74.3	18.0	339.1
	+I Z SL	-	08 40 51.-	1.5	1.73	3				
	-I Z SL	PCP	08 40 55.-	1.5	1.76	2				
	-I Z SL	XP	08 41 14.-	1.9	2.05	3				
	-I Z SL	XPCP	08 41 31.-	1.7	1.95	2				

NOV 10
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	12 20 33.6			2				

NOV 11
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	12 25 19.2			2				
	E N BE	SG	12 25 45.6			2				

NOV 12
NO DETERMINATION OF EPICENTER

GRF	-E Z BE	P	02 41 54.1			2				
	E Z BE	AP	02 42 05.1			2				

NOV 12 ERL
H= 02 46 33.7
LAT = 55.5 N
LONG= 162.5 E
DEPTH= 39 KM
MAGNITUDE= 4.8
NEAR EAST COAST OF KAMCHATKA

GRF	E Z BE	P	02 57 58.6			1	8050	72.4	16.7	340.9
	E Z BE	AP	02 58 07.7			3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 12 ERL										
H= 04 08 28.7										
LAT = 42.9 N										
LONG= 147.3 E										
DEPTH= 50 KM (GEOPHYSICIST)										
MAGNITUDE= 4.4										
OFF COAST OF HOKKAIDO, JAPAN										
GRF	E Z BE	P	04 20 37.9			2	8900	80.1	31.1	332.8
	E Z BE	AP	04 20 49.0			3				
NOV 12 ERL										
H= 05 37 24.1										
LAT = 22.5 S										
LONG= 171.7 E										
DEPTH= 40 KM										
MAGNITUDE= 4.7										
LOYALTY ISLANDS REGION										
TNS	E Z SL	PKP	05 56 32.0			3	16610	149.3	31.6	338.7
	E N SL	S	06 07 19.2			3				
NOV 12 ERL										
H= 09 40 23.5										
LAT = 52.5 N										
LONG= 169.4 W										
DEPTH= 45 KM (GEOPHYSICIST)										
MAGNITUDE= 4.2										
FOX ISLANDS, ALEUTIAN ISLANDS										
GRF	E Z BE	P	09 52 21.5			1	8690	78.2	0.4	359.6
NOV 12 ERL										
H= 17 56 44.4										
LAT = 38.4 N										
LONG= 73.3 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 6.0										
TADZHIK-SINKIANG BORDER REGION										
BRN	-I Z ET	P	18 04 44.6			5	4800	43.2	84.2	309.1
	-E Z ET	PP	18 06 26.5			3				
	-E Z ET	PPP	18 07 03.-			2				
HOF	-I Z SL	P	18 04 52.-	3.0	3.50	9	4920	44.3	81.1	306.3
	+I Z SL	-	18 05 33.-	6.0	4.03	9				
	+I Z SL	PP	18 06 39.-	7.5	3.87	5				
	+I Z SL	PPP	18 07 19.-	8.5	4.31	5				
	+I Z SL	X2S	18 14 51.-	4.0	3.57	5				
	Z SL	RM	18 27 40.-	9.0	4.13					
GRF	-I Z BE	P	18 04 58.0	1.1	2.33	9	4980	44.8	80.0	305.5
HAM	E Z SX	P	18 04 59.-			3	5010	45.0	82.9	310.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 1972										
FUR	-I Z SL	P	18 04 59.-	2.0	2.91	9	5010	45.0	78.6	303.3
	+I Z SL	XP	18 05 13.-	1.5	1.76	3				
	+I Z SL	PP	18 06 48.-	1.8	2.88	8				
	Z SL	QM	18 20 00.-	45.0	3.84					
HLG	Z SL	P	18 05 06.-			4	5130	46.1	82.1	312.2
STU	-E Z BE	P	18 05 09.0	1.0	3.55	6	5150	46.3	77.9	304.6
	E Z SL	PP	18 05 44.0	8.0	3.67	4				
	-E N SL	S	18 11 46.0	14.0	3.80	4				
KRL	-E Z ST	P	18 05 13.2			7	5200	46.7	77.6	305.0
BUH	-I Z GT	P	18 05 14.0				5220	46.9	77.2	304.6
BNS	I Z FS	P	18 05 14.4	1.6	2.46		5240	47.1	78.6	307.9
	-I Z SL	-	18 05 15.-							
	-I Z SL	-	18 05 54.-							
	I Z SL	PP	18 07 05.-							
	I Z SL	-	18 07 46.-							
	+E Z SL	SS	18 15 40.-							
	E Z SL	-	18 19 05.-	56.0						
NOV 13 ERL										
H= 04 43 45.2										
LAT = 15.6 N										
LONG= 95.0 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.5										
NEAR COAST OF OAXACA, MEXICO										
HLG	+I Z SL	P	04 56 22.-	11.0		3	9440	84.9	289.4	35.1
BNS	E Z FS	P	04 56 27.-	1.5	2.56		9510	85.5	289.1	38.3
	+I Z SL	-	04 56 28.-	24.0						
	+I Z SL	S	05 06 58.-	20.0						
	E Z SL	LR	05 22 28.-	32.0						
	Z SL	-	05 32 00.-	22.0						
STU	+E Z SL	P	04 56 34.0	22.0	4.01	4	9730	87.5	290.7	39.9
GRF	E Z BE	P	04 56 38.2			2	9830	88.4	292.2	38.6
	+I Z BE	-	04 56 52.4			9				
BRN	-E Z ET	P	04 56 44.5			3	9840	88.5	293.7	35.6
HOF	+I Z SL	P	04 56 40.-	7.5	3.98	9	9850	88.5	292.7	37.9
	+I Z SL	PP	05 00 08.-	8.0	3.76	5				
	Z SL	RM	05 34 00.-	19.0	4.98					
FUR	-E Z SL	P	04 56 47.-	2.0	2.75	9	9900	89.0	292.3	40.0
	Z SL	RM	05 33 00.-	22.0	4.89					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 13 ERL										
H= 06 36 34.2										
LAT = 21.9 S										
LONG= 179.4 W										
DEPTH=601 KM										
MAGNITUDE= 5.1										
FIJI ISLANDS REGION										
GRF	E Z BE	PKP1	06 55 21.2			2	16790	151.0	20.6	345.7
	E Z BE	PKP2	06 55 33.2			3				
NOV 13 ERL										
H= 08 11 48.8										
LAT = 27.9 N										
LONG= 140.0 E										
DEPTH=372 KM										
MAGNITUDE= 5.5										
BONIN ISLANDS REGION										
GRF	-I Z BE	P	08 24 09.9	1.1	2.73	9	10050	90.4	43.6	329.6
	E Z BE	PP	08 27 46.9			3				
BNS	-I Z FS	P	08 24 12.5	1.0	2.11		10140	91.2	40.5	332.4
NOV 13 ERL										
H= 23 34 12.8										
LAT = 12.5 N										
LONG= 95.2 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.4										
ANDAMAN ISLANDS REGION										
GRF	E Z BE	P	23 46 02.6			2	8530	76.7	86.4	318.4
NOV 14										
NO DETERMINATION OF EPICENTER										
FUR	Z SL	MAXIMUM	00 25 00.-	22.0	2.93					
NOV 14 BCS										
H= 04 31 41.0										
LAT = 71.0 N										
LONG= 7.8 W										
JAN MAYEN ISLAND REGION										
NOV 14 ERL										
H= 04 31 42.8										
LAT = 71.0 N										
LONG= 7.9 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.1										
JAN MAYEN ISLAND REGION										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOS= FELT ON JAN MAYEN.										
	Z SL	P	04 36 00.-			3	2030	18.2	343.6	149.5
HLG			04 36 28.0	2.5	2.38		2360	21.2	346.5	153.2
BNS	E Z FS	P	04 41 35.-	40.0						
	E Z SL	LR	04 36 43.-	1.5	2.29	8	2520	22.7	343.4	145.9
HOF	+I Z SL	P	04 36 51.-	2.0	2.81	4				
	+I Z SL	AP	04 48 30.-	12.0	3.93					
	Z SL	RM	04 36 47.4	1.0	1.85	3	2570	23.1	344.2	147.4
GRF	+E Z BE	P	04 36 52.5				2630	23.6	347.0	152.8
BUH	E Z GT	P	04 36 52.5	1.5	2.15	1	2630	23.7	346.2	151.2
STU	E Z BE	P	04 41 18.0	12.0	3.19	2				
	E N SL	S	04 37 03.-	2.0	2.52	3	2740	24.6	345.1	148.3
FUR	-I Z SL	P	04 37 08.-	1.8	2.54	7				
	-I Z SL	AP	04 37 13.-	1.9	2.48	4				
	-I Z SL	XP	04 37 36.-	1.2	2.43	9				
	-I Z SL	PP	04 37 42.-	2.0	2.64	5				
	-I Z SL	-	04 44 30.-	28.0	3.39					
	Z SL	QM								
NOV 14 ERL										
H= 22 27 04.9										
LAT = 1.1 S										
LONG= 126.9 E										
DEPTH= 45 KM										
MAGNITUDE= 5.4										
MOLUCCA SEA										
GRF	E Z BE	PKP	22 45 46.6			1	11920	107.2	70.6	322.2
NOV 15										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	00 18 33.7			1				
NOV 15 ERL										
H= 16 19 31.1										
LAT = 49.0 S										
LONG= 123.6 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.4										
SOUTH OF AUSTRALIA										
FUR	+E Z SL	PKP1	16 38 52.-	1.5	1.54	3	15190	136.5	117.5	295.7
	-I Z SL	-	16 39 24.-	1.8	2.00	1				
	-I Z SL	PP	16 41 38.-	1.7	1.81	8				
	Z SL	QM	17 30 00.-	30.0	3.14					
GRF	E Z BE	PKIKP	16 38 53.8			2	15270	137.3	116.0	297.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 15
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	16 41 45.8							

NOV 16
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	03 35 39.6							

NOV 16
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	10 38 58.2			1				
	E N BE	SG	10 39 24.8			1				

NOV 16 ERL
H= 12 43 05.5
LAT = 35.7 N
LONG= 69.9 E
DEPTH=124 KM
MAGNITUDE= 5.6
HINDU KUSH REGION

NOS= FELT (V) IN KABUL. FELT WIDELY IN EASTERN AND NORTHERN AFGHANISTAN.

HOF	-E Z SL	-	12 51 13.-	1.5	2.09	5	4860	43.7	85.5	308.1
	-E Z SL	XP	12 51 40.-	2.0	2.51	9				
	-I Z SL	PP	12 52 44.-	2.0	2.46	9				
	-I Z SL	PPP	12 53 25.-	2.5	3.10	9				
GRF	+I Z BE	P	12 51 05.3	1.0	2.42	9	4920	44.2	85.4	307.3
FUR	+I Z SL	P	12 51 05.-	1.5	2.40	9	4930	44.3	83.9	305.1
	+I Z SL	AP	12 51 33.-	1.5	2.09	9				
	+I Z SL	-	12 51 38.-	2.0	2.75	3				
	-I Z SL	XP	12 51 45.-	2.0	2.75	2				
	+I Z SL	-	12 51 54.-	1.7	2.43	9				
	+I Z SL	PCP	12 52 46.-	1.8	2.38	6				
	-I Z SL	PP	12 52 53.-	2.0	2.63	9				
	-I Z SL	PPP	12 53 25.-	2.5	2.95	4				
	-I Z SL	-	12 53 46.-	1.7	2.19	9				
	+I Z SL	-	12 54 02.-	1.5	1.89	5				
	-I Z SL	SCP	12 54 17.-	2.0	2.50	2				
			12 56 28.-	1.5	1.76	2				
STU	+E Z BE	P	12 51 15.2	0.9	2.32	5	5070	45.6	83.1	306.2
BUH	+I Z GT	P	12 51 20.1				5140	46.3	82.3	306.1
BNS	+I Z FS	P	12 51 23.4	1.5	2.26		5190	46.7	83.8	309.4
	E Z FS	AP	12 52 02.5							
	E Z FS	PP	12 53 22.5							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 16
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	15 24 05.-	1.8	1.95	2				
	-I Z SL	-	15 24 46.-	1.8	1.95	9				

NOV 17 ERL
H= 02 42 35.5
LAT = 37.4 N
LONG= 20.3 E
DEPTH= 41 KM
MAGNITUDE= 4.3
IONIAN SEA

NOV 17 BCS
H= 02 42 39.0
LAT = 37.4 N
LONG= 20.3 E
IONIAN SEA

FUR	+E Z SL	P	02 45 38.-	2.2	2.36	9	1410	12.6	145.1	331.3
	+E Z SL	PP	02 45 50.-	2.0	2.05	9				
	-I Z SL	XPP	02 46 02.-	2.6	2.43	2				
	+E Z SL	-	02 46 16.-	3.0	2.51	2				
	Z SL	QM	02 50 46.-	2.8	2.94					
GRF	E Z BE	P	02 46 00.8			2	1550	13.9	148.5	334.8
HOF	-E Z SL	PP	02 46 07.-	1.5	2.09	5	1590	14.3	151.7	337.6
	-E Z SL	-	02 46 21.-	4.0	2.72	7				

NOV 17 ERL
H= 09 09 00.1
LAT = 27.3 N
LONG= 59.1 E
DEPTH= 65 KM
MAGNITUDE= 5.4
SOUTHERN IRAN

NOV 17 BCS
H= 09 09 05.0
LAT = 27.4 N
LONG= 59.2 E
SOUTHERN IRAN

FUR	-I Z SL	P	09 16 48.-	1.5	1.76	2	4710	42.3	101.8	312.5
	-I Z SL	XP	09 17 04.-	1.7	2.16	4				
	+I Z SL	-	09 17 25.-	1.8	2.04	9				
	-I Z SL	PP	09 18 24.-	1.5	1.59	9				
	+I Z SL	PPP	09 18 58.-	1.5	1.59	9				
GRF	+E Z BE	P	09 16 51.8	1.0	1.81	4	4750	42.7	103.4	314.7
	E Z BE	AP	09 17 07.8			3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	+E Z FS	P	09 17 30.2	1.6	1.85		5060	45.5	101.0	315.7

NOV 17
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	11 31 52.9		1	
	E N BE	SG	11 32 18.8		1	

NOV 17 ERL
H= 14 55 45.2
LAT = 15.6 N
LONG= 91.5 W
DEPTH=222 KM
MAGNITUDE= 5.2
MEXICO-GUATEMALA BORDER REGION

GRF	E Z BE	P	15 08 03.3		2				
	E Z BE	AP	15 08 57.8		1	9590	86.2	289.6	39.4

NOV 17
NO DETERMINATION OF EPICENTER

BNS	E E X	SG	15 30 37.8	1.2	2.26	

NOV 17
NO DETERMINATION OF EPICENTER

FUR	-I Z SL	-	16 11 48.-	1.7	1.69	6

NOV 17 ERL
H= 17 19 59.8
LAT = 50.0 N
LONG= 178.5 W
DEPTH= 20 KM
MAGNITUDE= 4.2
ANDREANOF ISLANDS, ALEUTIAN IS.

GRF	E Z BE	P	17 32 11.6			1	8940	80.4	6.3	353.6

NOV 18 ERL
H= 02 44 55.1
LAT = 16.2 S
LONG= 174.3 W
DEPTH=180 KM
MAGNITUDE= 4.7
TONGA ISLANDS

GRF	E Z BE	PKP	03 04 17.0			1	16270	146.3	9.5	353.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 18 ERL
H= 08 31 15.9
LAT = 52.7 N
LONG= 160.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
OFF EAST COAST OF KAMCHATKA

GRF	E Z BE	P	08 42 54.8			2	8300	74.7	19.0	339.7

NOV 18 ERL
H= 17 22 07.1
LAT = 20.2 S
LONG= 169.0 E
DEPTH= 50 KM
MAGNITUDE= 4.3
NEW HEBRIDES ISLANDS

GRF	E Z BF	PKIKP	17 41 42.3			1	16200	145.7	39.0	334.2

NOV 19 ERL
H= 04 35 24.1
LAT = 13.0 N
LONG= 88.5 W
DEPTH= 73 KM
MAGNITUDE= 5.6
EL SALVADOR

GRF	E Z BE	P	04 47 59.8			1	9610	86.4	285.7	39.9

NOV 19 ERL
H= 07 42 01.1
LAT = 10.1 N
LONG= 57.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
CARLSBERG RIDGE

GRF	E Z BE	P	07 51 29.6			1	6100	54.9	119.8	325.1

NOV 19
NO DETERMINATION OF EPICENTER

BNS	E Z FS	-	10 53 33.5			
	E E X	SG	10 53 40.-			
	E Z FS	-	10 53 49.-	1.2	1.90	

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 19 ERL H= 17 33 47.9 LAT = 76.6 N LONG= 106.9 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 QUEEN ELIZABETH ISLANDS										
GRF	E Z BE	P	17 42 26.2			2	5350	48.1	343.9	50.4
NOV 19 ERL H= 20 10 52.3 LAT = 80.4 N LONG= 2.5 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 NORTH OF SVALBARD										
NOV 19 BCS H= 20 10 53.0 LAT = 80.3 N LONG= 2.0 W NORTH OF SVALBARD										
HAM	E Z SX	P	20 16 40.-			3	3040	27.3	355.5	163.7
BNS	+I Z FS	P	20 17 02.7	1.5	1.85		3300	29.7	356.7	167.6
	E Z SL	LR	20 25 00.-	36.0						
HOF	+I Z SL	P	20 17 08.-	2.0	2.81	9	3400	30.6	355.3	161.7
GRF	+E Z BE	P	20 17 09.6			1	3460	31.2	355.6	162.6
	+I Z BE	-	20 17 16.3			6				
STU	E Z BE	P	20 17 22.0	1.5	2.42	3	3560	32.0	356.3	165.3
FUR	+I Z SL	P	20 17 23.-	2.0	2.14	4	3630	32.7	355.7	162.8
	+I Z SL	AP	20 17 29.-	1.8	2.63	9				
	-I Z SL	PP	20 18 27.-	1.5	1.95	3				
	+I Z SL	PPP	20 18 48.-	2.0	2.30	2				
	-I Z SL	-	20 18 55.-	1.5	1.62	2				
	+I Z SL	-	20 19 11.-	2.0	2.24	5				
	+I Z SL	PCP	20 20 06.-	2.0	2.10	2				
NOV 20 ERL H= 03 30 27.8 LAT = 39.4 N LONG= 21.8 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 GREECE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 20 BCS H= 03 30 30.0 LAT = 39.4 N LONG= 21.8 E GREECE										
FUR	+I Z SL	S	03 35 20.-	1.5	1.66	2	1290	11.6	135.2	322.5
	Z SL	RM	03 38 17.-	1.5	1.62					
GRF	E Z BE	P	03 33 45.3			2	1420	12.8	139.8	327.3
STU	+E Z BE	P	03 33 28.8	0.9	1.60	3	1450	13.0	131.3	320.1
NOV 20 ERL H= 13 06 47.5 LAT = 24.7 S LONG= 177.4 W DEPTH=152 KM MAGNITUDE= 5.2 SOUTH OF FIJI ISLANDS										
GRF	E Z BE	PKP1	13 26 21.8			1	17140	154.1	18.3	347.1
	E Z BE	PKP2	13 26 44.9			2				
	E Z BE	APKP	13 27 25.7			2				
NOV 21 ERL H= 01 23 46.6 LAT = 17.6 S LONG= 179.0 W DEPTH=563 KM MAGNITUDE= 5.1 FIJI ISLANDS REGION										
BNS	+I Z FS	PKP	01 42 25.5	1.3	2.11		16270	145.3	10.6	353.0
GRF	+I Z BE	PKP	01 42 27.8	1.0	2.04	5	16340	146.9	18.0	347.9
STU	E Z BE	PKP	01 42 26.5	1.0	1.49	1	16480	148.2	14.9	349.7
	E Z BE	-	01 42 30.5	1.0	2.10	2				
	E Z BE	-	01 42 35.3	0.8	1.75	2				
FUR	+I Z SL	PKP1	01 42 31.-	1.6	2.18	9	16500	148.4	18.9	346.9
NOV 21 ERL H= 02 47 14.2 LAT = 23.8 N LONG= 121.6 E DEPTH= 14 KM MAGNITUDE= 5.7 TAIWAN										
HOF	Z SL	RM	03 42 00.-	12.0	4.39		9300	83.6	60.2	322.6

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.
GRF	E Z BE	P	02 59 46.6						
FUR	-I Z SL	P				2			
	+I Z SL	PCP	02 59 51.-	1.6	2.00		9380	84.3	
	-I Z SL	AP	02 59 57.-	2.0	2.40	4			
	-I Z SL	-	03 00 03.-	1.9	2.35	3	9460	85.1	
	Z SL	RM	03 00 26.-	2.0	2.57	2			
			03 41 20.-	13.0	3.61	6			

NOV 21
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PG	03 52 34.9

NOV 21 ERL
H= 03 59 08.5
LAT = 6.5 S
LONG= 154.3 E
DEPTH= 34 KM
MAGNITUDE= 5.4
SOLOMON ISLANDS

HOF	Z SL	RM	05 17 30.-	20.0	4.44		14040	126.2	48.8
FUR	+I Z SL	PKP1	04 18 13.-	1.9	2.05	3	14230	127.9	49.3
	-I Z SL	APKP	04 18 24.-	1.8	2.00	9			
	+I Z SL	-	04 18 37.-	2.0	2.35	4			
	Z SL	RM	05 17 00.-	20.0	3.92				

NOV 21
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	10 06 01.-	1.5	2.36	1
	-I Z SL	-	10 06 22.-	1.5	1.49	8

NOV 21 ERL
H= 10 06 29.6
LAT = 76.5 N
LONG= 106.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
QUEEN ELIZABETH ISLANDS

HOF	Z SL	QM	10 38 00.-	16.0	3.88		5290	47.6	343.8
GRF	E Z BE	P	10 15 10.0			2	5350	48.1	343.9
FUR	Z SL	QM	10 37 30.-	18.0	3.57		5510	49.6	344.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 21 ERL
H= 17 01 55.3
LAT = 52.4 N
LONG= 173.6 E
DEPTH= 50 KM
MAGNITUDE= 5.5
NEAR ISLANDS, ALEUTIAN ISLANDS

			17 13 40.2	1.2	1.78		8490	76.3	8.5	351.2
BNS	+I Z FS	P	17 13 45.4	1.2	2.11	5	8580	77.1	10.9	348.4
GRF	+E Z BE	P	17 13 50.1	1.0	1.97	3	8710	78.3	9.7	349.5
STU	+E Z BE	P	17 13 52.3				8730	78.5	9.1	350.2
BUH	E Z GT	P	17 13 53.-	2.2	2.51	7	8740	78.6	10.9	348.0
FUR	+I Z SL	P	17 13 57.-	1.5	1.76	9				
	-I Z SL	-	17 14 17.-	1.7	1.81	8				
	-E Z SL	XPCP	17 14 25.-	1.7	2.03	9				
	+I Z SL	-								

NOV 22
NO DETERMINATION OF EPICENTER

BUH	E Z GT	P	08 13 29.3

NOV 22 ERL
H= 08 51 29.5
LAT = 15.6 S
LONG= 177.7 W
DEPTH=384 KM
MAGNITUDE= 4.8
FIJI ISLANDS REGION

GRF	E Z BE	PKP	09 10 23.7			4	16160	145.3	15.2	349.8

NOV 22
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	11 01 26.0			1
	E N BE	SG	11 01 54.1			1

NOV 22 ERL
H= 13 51 10.4
LAT = 15.4 S
LONG= 167.2 E
DEPTH= 43 KM
MAGNITUDE= 5.4
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP	14 10 34.6			2	15640	140.6	38.3	335.4
FUR	-E Z SL	PKP1	14 10 35.-	1.7	1.61	2				
	+E Z SL	APKP	14 10 45.-	1.8	2.04	9	15770	141.8	39.5	333.8

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 22 ERL										
H= 17 53 51.9										
LAT = 15.5 S										
LONG= 173.0 W										
DEPTH= 57 KM										
MAGNITUDE= 5.5										
TONGA ISLANDS										
BNS	-I Z FS	PKP	18 13 22.3	1.0	1.90		16080	144.6	0.3	359.8
GRF	-I Z BE	PKP	18 13 26.4	1.1	2.26	6	16200	145.7	7.2	355.1
STU	+E Z BE	PKP	18 13 29.1	1.0	2.05	2	16320	146.8	3.8	357.4
FUR	-I Z SL	PKP1	18 13 30.-	1.4	2.18	5	16370	147.2	7.6	354.7
	-I Z SL	APKP	18 13 40.-	1.3	1.79	4				
	-I Z SL	APKP	18 13 48.-	1.3	2.06	3				
	-I Z SL	-	18 13 57.-	1.5	1.73	3				
	+I Z SL	-	18 14 17.-	2.0	2.27	3				
NOV 23 ERL										
H= 01 07 04.9										
LAT = 0.3 S										
LONG= 15.9 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.9										
NORTH OF ASCENSION ISLAND										
FUR	+E Z SL	P	01 16 26.-	1.4	1.64	8	5970	53.7	214.5	22.3
GRF	+E Z BE	P	01 16 35.0			3	6110	54.9	213.8	21.2
NOV 23 ERL										
H= 08 07 25.1										
LAT = 20.2 S										
LONG= 168.7 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
LOYALTY ISLANDS										
HOF	+E Z SL	PKP1	08 26 59.-	2.0	2.11	2	16100	144.8	39.9	334.1
	-E Z SL	APKP	08 27 10.-	2.0	2.35	7				
	-E Z SL	XPKP	08 27 18.-	3.0	2.68	9				
GRF	E Z BE	PKP1	08 27 02.8			1	16180	145.5	39.4	333.9
	+E Z BE	PKP2	08 27 14.7			2				
BNS	E Z FS	PKP	08 27 02.-	1.6	2.08		16240	146.0	32.2	339.0
	+I Z FS	-	08 27 15.6							
	I Z FS	-	08 27 21.3							
FUR	-I Z SL	PKP1	08 27 06.-	1.7	2.09	9	16310	146.7	41.0	332.1
	-I Z SL	-	08 27 14.-	2.0	2.24	4				
	+I Z SL	APKP	08 27 18.-	1.5	1.98	6				
	-I Z SL	XPKP	08 27 24.-	1.5	1.76	9				
	-I Z SL	-	08 27 46.-	2.0	2.27	4				

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
STU	-E Z BE	PKP	08 27 07.4	0.8	2.12	2	16350	147.1	37.2	334.8
BUH	E Z GT	P	08 27 09.1				16400	147.5	35.8	335.6
NOV 23										
NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	14 44 35.-	1.7	1.69	2				
	Z SL	MAXIMUM	14 45 09.-	1.5	1.76					
NOV 24 ERL										
H= 01 35 27.1										
LAT = 38.8 N										
LONG= 22.3 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.3										
GREECE										
NOV 24 BCS										
H= 01 35 30.0										
LAT = 38.8 N										
LONG= 22.4 E										
GREECE										
FUR	-E Z SL	-	01 38 29.-	1.5	1.18	1	1360	12.3	135.4	323.0
	-E Z SL	PPP	01 38 40.-	1.8	1.95	2				
	+I Z SL	-	01 38 55.-	1.5	1.43	2				
	-I Z SL	-	01 41 21.-	1.8	2.00	2				
	Z SL	QM	01 43 15.-	6.0	3.30					
GRF	E Z BE	P	01 38 38.3			1	1490	13.4	139.8	327.5
	E Z BE	-	01 39 10.4			2				
BUH	E Z GT	P	01 38 51.9				1570	14.1	129.0	318.7
NOV 24 ERL										
H= 03 48 35.1										
LAT = 39.5 N										
LONG= 20.3 E										
DEPTH= 11 KM										
MAGNITUDE= 5.3										
GREECE-ALBANIA BORDER REGION										
NOV 24 BCS										
H= 03 48 39.0										
LAT = 39.4 N										
LONG= 20.4 E										
GREECE-ALBANIA BORDER REGION										
FUR	-I Z SL	P	03 51 13.-	1.5	1.49	2	1210	10.8	139.6	325.9
	+I Z SL	PP	03 51 24.-	1.8	2.18	2				
	-I Z SL	PPP	03 51 32.-	1.2	2.36	2				
	-I Z SL	-	03 51 41.-	1.5	1.93	4				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	+I Z SL	-	03 51 48.-	1.3	2.27	9				
	-I Z SL	S	03 53 15.-	1.5	1.98	3				
	+I Z SL	SS	03 53 22.-	1.8	2.08	1				
	+I Z SL	-	03 53 45.-	1.7	2.25	2				
	+I Z SL	-	03 54 05.-	1.8	2.81	4				
	Z SL	GM	03 55 20.-	3.5	3.30					
GRF	E Z BE	P	03 51 27.9			2	1340	12.1	144.1	330.5
	E Z BE	-	03 51 29.3			2				
STU	-E Z BE	P	03 51 30.2	1.1	2.07	2	1360	12.2	135.1	322.8
HOF	+E Z SL	P	03 51 39.-	4.0	2.57	5	1370	12.3	147.8	333.8
	-I Z SL	-	03 54 39.-	1.5	2.09	5				
	Z SL	RM	03 57 30.-	9.0	3.74					
BUH	E Z GT	P	03 51 35.5				1400	12.6	132.0	320.5
BNS	E Z FS	P	03 52 06.3	1.5	2.08		1640	14.7	136.1	325.4
	I Z FS	-	03 52 12.8							
	E N X	S	03 54 39.-							
	I Z FS	-	03 54 50.5							
	Z SL	-	03 59 36.-	10.0						

NOV 24
NO DETERMINATION OF EPICENTER

FUR	+I Z SL	P	04 41 26.-	1.4	2.52	1				
	+I Z SL	-	04 41 43.-	1.3	1.89	3				
	Z SL	MAXIMUM	04 43 23.-	1.5	2.06					
BUH	E Z GT	P	04 41 33.6							
GRF	E Z BE	P	04 41 57.0			2				
	E N BE	S	04 42 50.4			2				

NOV 24 BCS
H= 08 06 04.0
LAT = 43.0 N
LONG= 13.4 E
CENTRAL ITALY

BCIS= FELT AT ASCOLI PICENO, MAX. INT. VI. (RMP).

FUR	-E Z SL	PN	08 07 32.-	1.3	1.73	2	600	5.4	163.1	344.6
	-E Z SL	-	08 07 50.-	1.9	2.16	9				
	+I Z SL	PG	08 08 01.-	1.4	1.89	3				
	-I Z SL	SB	08 08 52.-	1.5	1.66	9				
	-E Z SL	SG	08 09 04.-	1.9	2.16	2				
	Z SL	MAXIMUM	08 09 40.-	1.9	2.58					
BUH	E Z GT	P	08 07 40.8				750	6.7	145.6	329.3
GRF	E Z BE	P	08 08 04.5			1	760	6.9	166.5	348.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E N BE	S	08 08 57.9			2				

NOV 24 BCS
H= 08 29 02.0
LAT = 43.0 N
LONG= 13.4 E
CENTRAL ITALY

BCIS= FELT AT ASCOLI PICENO, MAX. INT. VI-VII (RMP).

FUR	-I Z SL	PB	08 30 40.-	1.9	1.95	2	600	5.4	163.1	344.6
	-E Z SL	PG	08 31 01.-	1.9	1.89	1				
	+I Z SL	-	08 31 21.-	2.0	1.18	2				
	-I Z SL	SB	08 31 42.-	1.9	1.09	4				
	+E Z SL	SG	08 31 57.-	2.0	1.05	2				
	Z SL	MAXIMUM	08 32 52.-	1.9	2.44					
BUH	E Z GT	P	08 30 37.6				750	6.7	145.6	329.3
GRF	E Z BE	P	08 30 45.2			1	760	6.9	166.5	348.0
	E Z BE	-	08 31 06.8			2				
	E N BE	S	08 31 54.1			2				

NOV 24 BCS
H= 09 00 00.0
LAT = 52.4 N
LONG= 52.3 E
WESTERN RUSSIA

NOV 24 ERL
H= 09 00 08.0
LAT = 52.8 N
LONG= 51.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
WESTERN RUSSIA

BCIS= NORTH OF CASPIAN SEA, PROBABLY ARTIFICIAL.

GRF	E Z BE	P	09 05 30.4			1	2860	25.7	68.1	280.5

NOV 24 ERL
H= 09 59 57.8
LAT = 51.8 N
LONG= 64.2 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 5.2
WESTERN KAZAKH SSR

GRF	+E Z BE	P	10 06 36.4			1	3660	32.9	65.6	287.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 24 ERL H= 13 19 12.4 LAT = 11.6 N LONG= 85.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 BAY OF BENGAL										
NOS= FELT AT MADRAS, INDIA. BELIEVED TO BE THE FIRST INSTRUMENTALLY LOCATED EARTHQUAKE IN THIS AREA.										
GRF	+E Z BE	P	13 30 29.1	0.8	1.38	6	7890	71.0	94.5	314.4
	E Z BE	-	13 30 43.2			3				
BUH	E Z GT	P	13 30 40.0				8100	72.9	91.8	317.1
NOV 24 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PG	13 46 41.7							
NOV 24 NFB H= 15 05 00.8 LAT = 50.5 N LONG= 10.0 E DEPTH= 0 KM (GEOPHYSICIST) GERMANY										
NFB= QUARRYBLAST AT HILDERS/RHOEN, SHOTPOINT NO. 2 H= 15 05 00.83, 50 DEG. 32 MIN. 31.8 SEC. N, 10 DEG. 02 MIN. 16.8 SEC. E HEIGHT= 730 METERS, CHARGE= 9.8 TONS										
GRF	E Z BE	PG	15 05 23.2			3	130	1.1	316.8	137.1
	E N BE	SG	15 05 39.8			2				
BUH	E Z GT	PN	15 05 42.5				250	2.2	31.5	212.7
NOV 24 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	20 26 30.6			5				
NOV 25 ERL H= 03 02 20.2 LAT = 15.5 N LONG= 95.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 NEAR COAST OF OAXACA, MEXICO										
BNS	+E Z FS	P	03 14 54.5	1.5	1.85		9530	85.7	289.1	30.7
	+I Z FS	-	03 15 19.4							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z SL	LR	03 44 00.-	30.0						
	Z SL	-	03 50 00.-	20.0						
BUH	E Z GT	P	03 15 04.8				9690	87.1	290.0	40.2
GRF	E Z BE	P	03 15 16.8			1	9850	88.6	292.2	38.6
NOV 25 BGS H= 20 03 28.0 LAT = 80.2 N LONG= 2.0 W NORTH OF SVALBARD										
NOV 25 ERL H= 20 03 29.3 LAT = 80.3 N LONG= 2.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.6 NORTH OF SVALBARD										
BNS	E Z FS	P	20 09 30.5	2.0	1.85		3280	29.5	356.8	168.2
	E Z SL	LR	20 17 30.-	36.0						
HOF	-I Z SL	P	20 09 41.-	1.5	2.29	8	3380	30.4	355.3	162.3
	-I Z SL	AP	20 09 48.-	2.0	2.81	9				
GRF	+E Z BE	P	20 09 45.8	0.9	1.72	4	3440	31.0	355.6	163.2
STU	E Z BE	P	20 09 52.5	1.3	2.06	2	3540	31.8	356.4	165.9
BUH	E Z GT	P	20 09 53.3				3540	31.8	355.7	167.1
FUR	+I Z SL	P	20 10 00.-	1.5	1.84	4	3610	32.5	355.8	163.4
	-I Z SL	AP	20 10 06.-	2.0	2.50	4				
	-I Z SL	PP	20 11 03.-	1.8	2.15	9				
	+I Z SL	XPP	20 11 13.-	2.0	2.30	9				
	+I Z SL	-	20 11 27.-	2.0	2.28	3				
	-E Z SL	-	20 11 40.-	2.6	2.39	3				
	-I Z SL	-	20 11 53.-	1.8	2.00	9				
	+I Z SL	PCP	20 12 41.-	2.0	2.10	3				
	+I Z SL	APCP	20 12 52.-	2.6	2.39	1				
NOV 25 NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	22 02 50.8	1.5	1.30					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
NOV 25 ERL H= 22 43 29.5 LAT = 28.4 N LONG= 53.7 E DEPTH= 41 KM MAGNITUDE= 4.7 SOUTHERN IRAN										
GRF	E Z BE	P	22 50 48.7			1	4290	38.6	107.4	315.3
NOV 26 ERL H= 04 22 51.9 LAT = 22.1 S LONG= 179.5 W DEPTH=599 KM MAGNITUDE= 5.5 SOUTH OF FIJI ISLANDS										
HOF	-E Z SL	PKP1	04 41 38.-	1.5	2.09	5	16730	150.4	21.8	345.1
	-E Z SL	APKP	04 43 57.-	2.0	2.41	8				
BNS	+I Z FS	PKP	04 41 38.2	1.6	1.90		16760	150.7	12.8	351.3
	E Z FS	-	04 43 57.0	1.5	1.95					
GRF	E Z BE	PKP1	04 41 39.7			4	16810	151.2	21.0	345.4
	E Z BE	PKP2	04 41 51.6			2				
	E Z BF	APKP	04 43 58.5			2				
STU	E Z BE	PKP	04 41 34.2	1.0	1.75	2	16960	152.5	17.7	347.4
	E Z BE	-	04 41 41.5	1.0	1.86	2				
FUR	-I Z SL	PKP1	04 41 35.-	1.5	1.76	9	16970	152.6	22.2	344.2
	-I Z SL	PKHKP	04 41 42.-	2.0	2.14	2				
	-I Z SL	PKP2	04 41 59.-	2.0	2.18	2				
	-I Z SL	-	04 44 03.-	1.5	1.62	1				
	-I Z SL	APKP	04 44 12.-	1.9	2.32	4				
BUH	E Z GT	PKP	04 41 34.5				16990	152.8	15.9	348.7
	E Z GT	PKP	04 41 42.8							
	E Z GT	PKP	04 41 57.2							
NOV 26 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	05 04 46.1			1				
NOV 26 ERL H= 08 00 40.8 LAT = 35.4 N LONG= 36.4 W DEPTH= 20 KM (GEOPHYSICIST) MAGNITUDE= 5.0 NORTH ATLANTIC RIDGE										
BNS	E Z FS	P	08 07 31.5				3870	34.8	260.5	49.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
	E Z SL	LR	08 17 00.-	32.0						
FUR	+I Z SL	P	08 07 59.-	2.0	2.10	2	4140	37.2	267.9	55.0
	+I Z SL	-	08 08 15.-	2.0	2.10	3				
GRF	E Z BE	P	08 07 51.8			1	4140	37.2	265.8	52.4
NOV 26 ERL H= 12 41 51.3 LAT = 32.6 S LONG= 178.0 W DEPTH= 5 KM MAGNITUDE= 5.3 SOUTH OF KERMADEC ISLANDS										
BNS	E Z FS	PKP	13 02 36.9	2.3	1.85		17930	161.2	13.7	349.8
GRF	-E Z BE	PKP2	13 02 39.3	1.3	1.91	3	17970	161.6	25.3	340.8
FUR	-I Z SL	PKP2	13 02 45.-	1.6	2.04	9	18120	162.9	27.6	338.5
	-I Z SL	-	13 02 51.-	1.5	1.59	2				
BUH	E Z GT	PKP	13 02 45.8				18150	163.2	18.5	345.6
NOV 26 ERL H= 14 52 31.1 LAT = 52.1 N LONG= 158.8 E DEPTH= 47 KM MAGNITUDE= 5.2 NEAR EAST COAST OF KAMCHATKA										
GRF	-E Z BE	P	15 04 08.8	0.8	1.66	2	8330	74.9	20.0	338.9
BUH	E Z GT	P	15 04 17.6				8510	76.5	18.2	340.4
NOV 26 ERL H= 15 31 38.0 LAT = 24.2 S LONG= 175.0 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 SOUTH OF TONGA ISLANDS										
BNS	+I Z FS	PKP	15 51 34.9	1.3	1.48		17040	153.2	4.5	356.9
GRF	E Z BE	PKP	15 51 28.2			2	17130	154.1	13.2	350.7
BUH	E Z GT	PKP	15 51 30.4				17280	155.4	7.2	354.8
FUR	-I Z SL	PKP1	15 51 34.-	2.0	2.10	9	17300	155.6	14.1	349.7
	-I Z SL	APKP	15 51 44.-	1.5	1.59	9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

NOV 26 ERL
H= 16 03 11.8
LAT = 43.0 N
LONG= 13.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
CENTRAL ITALY

NOV 26 BCS
H= 16 03 13.0
LAT = 43.0 N
LONG= 13.4 E
CENTRAL ITALY

BCIS= FELT STRONGLY (VIII+). PROPERTY DAMAGE IN SEVERAL TOWNS,ESPECIALLY IN ASCOLI PICENO WERE THE HOSPITAL MUST BE EVACUATED DUE TO DAMAGE.

FUR	+I Z SL	PN	16 04 33.-	1.6	2.13	9	600	5.4	163.2	344.7
	-I Z SL	PB	16 04 43.-	1.5	2.70	9				
	N SL	MAXIMUM	16 07 30.-	13.0	4.11					
STU	+E Z BE	P	16 04 46.0	1.0	2.13	3	720	6.5	151.6	334.7
BUH	+I Z GT	PN	16 04 50.4				750	6.8	145.8	329.5
GRF	+E Z BE	PN	16 04 51.2			2	770	6.9	166.5	348.1
	I Z BE	PG	16 04 59.1			9				
HOF	-E Z SL	PN	16 04 58.-	3.0	2.32	2	830	7.4	171.3	352.4
	-E Z SL	PB	16 05 22.-	2.0	2.21	3				
	+I Z SL	PG	16 05 52.-	2.0	2.29	6				
	-I Z SL	SN	16 06 32.-	1.5	2.64	9				
	+I Z SL	SB	16 06 50.-	2.0	3.11	9				
	+I Z SL	SG	16 07 17.-	2.0	3.16	8				
	Z SL	MAXIMUM	16 08 25.-	3.8	3.92					
TNS	E N SL	PN	16 05 08.-			3	890	8.0	153.0	336.6
	E N SL	SN	16 06 38.-			4				
	E N SL	SB	16 07 30.-			3				
BNS	-E Z FS	PN	16 05 20.8	1.2	1.90		1010	9.1	149.7	334.2
	E E X	SN	16 07 11.5							
	E Z SL		16 08 22.-							
	E E X	-	16 08 28.-	2.1	3.10					
	E N X	-	16 08 28.-	1.5	2.98					
	Z SL	-	16 10 00.-	11.0						

NOV 26
NO DETERMINATION OF EPICENTER

KRL	-E Z WH	P	17 24 57.9			2				

NOV 26
NO DETERMINATION OF EPICENTER

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

BUH	E Z GT	PN	23 37 28.5							

NOV 27 ERL
H= 02 45 41.8
LAT = 20.2 N
LONG= 121.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
PHILIPPINE ISLANDS REGION

GRF	E Z BE	P	02 58 26.6			2	9690	87.2	61.9	322.4
FUR	-E Z SL	P	02 58 28.-	1.9	1.95	8	9770	87.9	61.9	321.0
	-I Z SL	-	02 58 33.-	1.9	2.05	9				
	-I Z SL	-	02 58 43.-	1.9	2.05	1				

NOV 27 ERL
H= 04 27 18.9
LAT = 32.2 S
LONG= 178.1 W
DEPTH= 48 KM
SOUTH OF KERMADEC ISLANDS

GRF	E Z BE	PKP2	04 48 00.5			1	17920	161.2	25.3	340.9
FUR	+I Z SL	PKP2	04 48 08.-	1.6	1.60	2	18070	162.5	27.5	338.6

NOV 27
NO DETERMINATION OF EPICENTER

FUR	+I Z SL	-	13 31 07.-	1.6	1.40	3				

NOV 27
NO DETERMINATION OF EPICENTER

BNS	I Z FS	PG	14 48 49.0							
	I E X	SG	14 48 51.5							
	I Z FS	-	14 48 53.2							

NOV 27 ERL
H= 15 17 40.8
LAT = 5.3 S
LONG= 126.6 E
DEPTH=425 KM
MAGNITUDE= 5.8
BANDA SEA

HOF	-E Z SL	SP	15 44 49.-	4.0	3.15	3	12200	109.7	73.9	321.8
	-E Z SL	-	15 45 49.-	3.0	2.93	9				
GRF	E Z BE	PP	15 36 13.8			2	12260	110.3	73.6	321.3

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z BE	PPP	15 38 19.5			1				
FUR	-E Z SL	PKP1	15 35 26.-	1.1	2.00	7	12310	110.7		74.2
	+I Z SL	PP	15 36 14.-	1.5	1.73	2				
	-I Z SL	APP	15 37 38.-	1.7	1.85	2				
	-I Z SL	PPP	15 38 37.-	2.2	2.44	3				
	-E Z SL	SP	15 44 49.-	2.3	2.22	2				
	-E Z SL	SKSP	15 45 17.-	4.0	2.00	7				
	-E Z SL	-	15 46 02.-	4.0	2.84	1				
BNS	E Z SL	PP	15 38 22.-							
	E Z SL	SP	15 45 09.-				12490	112.4		69.7
	E Z SL	-	15 46 16.-							
BUH	E Z GT	PKP	15 35 28.5				12510	112.5		71.5

NOV 27
NO DETERMINATION OF EPICENTER

BNS +I Z FS - 20 45 55.0

NOV 27 ERL
H= 21 37 46.6
LAT = 53.4 N
LONG= 161.3 E
DEPTH= 45 KM (GEOPHYSICIST)
MAGNITUDE= 4.7
OFF EAST COAST OF KAMCHATKA

GRF	E Z BE	P	21 49 23.1			3	8250	74.2	18.1	340

NOV 28
NO DETERMINATION OF EPICENTER

FUR +I Z SL - 01 36 38.- 2.0 2.00 8

NOV 28
NO DETERMINATION OF EPICENTER

FUR +I Z SL - 06 31 10.- 1.5 1.49 8

NOV 28 ERL
H= 10 19 28.3
LAT = 14.8 N
LONG= 53.8 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
ARABIAN SEA

FUR	+I Z SL	P								
	-E Z SL	AP	10 28 09.-	1.5	1.62	2	5370	48.3	118.9	322.7
	+I Z SL	XP	10 28 21.-	1.5	1.59	2				
				1.7	1.91	2				

NOV 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	10 28 13.6	0.8	1.46	3	5460	49.1	120.0	324.4

NOV 28
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR -I Z SL - 11 09 21.- 1.0 2.11 7

NOV 28 BCS
H= 13 26 14.0
LAT = 34.0 N
LONG= 27.8 E
EASTERN MEDITERRANEAN SEA

NOV 28 ERL
H= 13 26 15.4
LAT = 33.8 N
LONG= 27.9 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
EASTERN MEDITERRANEAN SEA

BUH	E Z GT	P	13 30 56.4				2300	20.7	128.0	321.0
BNS	E Z FS	P	13 30 18.-				2520	22.7	130.5	324.7

NOV 28 BCS
H= 20 37 34.0
LAT = 42.9 N
LONG= 13.4 E
CENTRAL ITALY

BCIS= FELT WITH MAXIMUM INTENSITY VI-VII.

FUR	-I Z SL	PB	20 39 04.-	1.5	1.43	7	610	5.5	163.4	344.9
	+I Z SL	PG	20 39 23.-	1.5	1.36	2				
	+I Z SL	SN	20 39 57.-	1.9	1.95	3				
	Z SL	MAXIMUM	20 41 25.-	1.7	2.36					
BUH	E Z GT	P	20 39 11.7				760	6.8	146.1	329.8
GRF	E Z BE	P	20 39 22.3			1	770	7.0	166.6	348.2
	E Z BE	-	20 39 38.1			2				
	E N BE	S	20 40 28.1			4				

NOV 29
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	02 02 24.3			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 29 ERL										
H= 02 13 50.8										
LAT = 17.5 S										
LONG= 173.9 W										
DEPTH= 80 KM (GEOPHYSICIST)										
MAGNITUDE= 5.0										
TONGA ISLANDS										
BNS	I Z FS	PKP	02 33 26.5	2.2	2.26		16300	146.6		
	E Z FS	-	02 33 45.3						1.8	358.1
HOF	+I Z SL	PKP1	02 33 29.-	1.5	2.59	9	16340	146.9		
									10.0	353.1
GRF	E Z BE	PKP	02 33 28.0			2	16410	147.6		
									9.0	353.1
BUH	E Z GT	PKP	02 33 31.7				16550	148.8		
									3.8	357.1
FUR	+I Z SL	PKP1	02 33 33.-	1.5	1.96	6	16580	149.1		
	+I Z SL	APKP	02 33 54.-	2.6	2.57	9				
	-I Z SL	APKP	02 34 05.-	2.0	2.27	3			9.6	353.1
NOV 29 ERL										
H= 07 57 45.1										
LAT = 16.0 S										
LONG= 172.5 W										
DEPTH= 13 KM										
MAGNITUDE= 4.5										
SAMOA ISLANDS REGION										
GRF	E Z BE	PKP	08 17 28.5			1	16270	146.3	6.5	355.6
FUR	+I Z SL	-	08 17 48.-	1.6	1.65	3	16430	147.8	6.9	355.2
NOV 29										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 17 08.0			1				
	E N BE	SG	11 17 37.8			2				
NOV 30										
NO DETERMINATION OF EPICENTER										
BNS	I Z FS	P	03 05 08.3	1.4	2.18					
	E Z FS	-	03 05 46.2							
GRF	E Z BE	P	03 05 11.2	1.4	2.30	2				
	E Z BE	-	03 05 51.1			3				
BUH	E Z GT	P	03 05 15.4							
FUR	-I Z SL	P	03 05 16.-	1.5	1.73	9				
	-I Z SL	-	03 06 01.-	1.8	2.15	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
NOV 30 ERL										
H= 11 25 31.6										
LAT = 44.1 N										
LONG= 13.0 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.6										
ADRIATIC SEA										
NOV 30 BCS										
H= 11 25 33.0										
LAT = 44.0 N										
LONG= 13.1 E										
ADRIATIC SEA										
FUR	-I Z SL	PN	11 26 37.-	1.1	1.76	4	470	4.2	162.5	343.8
	-I Z SL	PB	11 26 48.-	1.1	2.41	2				
	+I Z SL	-	11 26 56.-	1.5	2.40	3				
	+I Z SL	PG	11 27 06.-	1.8	2.81	2				
	+I Z SL	SG	11 27 57.-	1.5	2.61	4				
	N SL	MAXIMUM	11 29 00.-	12.0	3.69					
STU	E Z BF	P	11 26 51.8	0.8	1.96	2	600	5.4	148.9	331.7
BUH	E Z GT	PN	11 26 55.6				630	5.7	142.2	325.6
GRF	I Z BE	PN	11 26 55.5			9	640	5.7	165.7	348.0
	E Z BE	PG	11 27 14.0							
KRL	-I Z ST	SN	11 28 10.3			4	650	5.9	145.2	328.6
HOF	+I Z SL	SN	11 28 25.-	2.0	2.68	9	700	6.3	172.3	353.1
	+I Z SL	SB	11 28 40.-	1.5	2.39	9				
	+I Z SL	SG	11 28 53.-	1.8	2.62	9				
	Z SL	MAXIMUM	11 29 45.-	3.0	3.32					
BNS	I Z FS	PN	11 27 28.5				880	7.9	147.7	332.0
	E E X	SN	11 28 50.5							
	E E X	SG	11 30 20.-							
NOV 30										
NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	13 39 36.-	1.7	1.86	9				
	Z SL	MAXIMUM	13 41 18.-	1.8	2.30					
NOV 30										
NO DETERMINATION OF EPICENTER										
BNS	I Z FS	-	15 41 33.3	1.2	1.95					

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 01 ERL										
H= 07 24 52.9										
LAT = 42.7 N										
LONG= 13.3 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 3.9										
CENTRAL ITALY										
DEC 01 BCS										
H= 07 24 53.0										
LAT = 42.8 N										
LONG= 13.3 E										
CENTRAL ITALY										
NOS= MINOR DAMAGE (VII) IN TERAMO-ASCOLI PICENO AREA.										
FUR	-I Z SL	PB	07 26 29.-	1.3	2.06	8	620	5.6	164.9	346.7
	+I Z SL	-	07 26 47.-	1.8	2.30	3				
	+I Z SL	SN	07 27 26.-	1.5	1.59	2				
	-I Z SL	SG	07 28 01.-	2.0	2.21	1				
	Z SL	MAXIMUM	07 29 04.-	1.5	1.98					
BUH	E Z GT	PG	07 26 34.4				770	6.9	147.5	331.1
GRF	E Z BE	PN	07 26 29.0			1	790	7.1	167.8	349.2
	E Z BE	PG	07 26 57.2			2				
	E N BE	SG	07 27 56.4			2				
DEC 01										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	07 39 08.2			6				
DEC 01 BCS										
H= 11 39 02.0										
LAT = 35.5 N										
LONG= 58.0 E										
IRAN										
DEC 01 ERL										
H= 11 39 03.6										
LAT = 35.4 N										
LONG= 57.9 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.4										
IRAN										
FUR	-I Z SL	P	11 46 09.-	2.1	2.46	4	4060	36.5	92.7	305.0
	-I Z SL	AP	11 46 16.-	2.0	2.33	9				
	-I Z SL	XP	11 46 22.-	2.0	1.21	3				
	+I Z SL	PP	11 47 28.-	1.5	1.79	2				
	+I Z SL	-	11 47 37.-	2.0	2.50	2				
	-I Z SL	XPP	11 47 42.-	1.5	1.76	2				
	+I Z SL	-	11 48 03.-	1.7	2.16	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 1972										
	+I Z SL	-	11 48 15.-	2.0	2.46	2				
	-I Z SL	PCP	11 48 28.-	1.8	1.20	8				
	-I Z SL	XPCP	11 48 42.-	1.9	2.32	2				
GRF	E Z BE	P	11 46 09.0	1.2	1.76	1	4070	36.6	94.8	307.5
STU	E Z BE	P	11 46 19.0	1.5	2.30	2	4210	37.9	91.9	305.9
BUH	E Z GT	P	11 46 24.7				4290	38.5	91.0	305.7
DEC 01										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	12 02 52.1			2				
	E N BE	SG	12 03 28.0			4				
DEC 01										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	12 09 39.6							
DEC 01										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	12 21 52.0			2				
	E N BE	SG	12 22 18.5			2				
DEC 01										
NO DETERMINATION OF EPICENTER										
GRF	E Z JM	PN	15 19 54.6			2				
	E Z JM	PG	15 19 55.1			4				
	E N BE	SG	15 20 09.2			4				
DEC 01 ERL										
H= 21 15 51.8										
LAT = 54.9 N										
LONG= 162.0 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 4.8										
NEAR EAST COAST OF KAMCHATKA										
GRF	E Z BE	P	21 27 20.5			4	8110	72.9	17.1	340.6
DEC 01										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	23 04 07.0			2				
DEC 01										
NO DETERMINATION OF EPICENTER										

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
KRL	+I Z ST	P	23 33 50.4			3				

DEC 02 ERL
H= 00 19 47.2
LAT = 6.5 N
LONG= 126.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 6.3
MINDANAO, PHILIPPINE ISLANDS

NOS= DAMAGE (VI) AT DAVAO. TSUNAMI HEIGHTS (CREST TO TROUGH IN CM). 18 AT YAP, 9 AT GUAM AND 50 IN RYUKYU ISLANDS AND PACIFIC COAST OF KYUSHU. MAG. 7.3 (PAS), 7.2 (BRK).

DRN	-E Z ET	P	00 33 29.0			2	10990	98.8	67.3	325.1
	+E Z ET	AP	00 33 44.4			4				
HAM	E Z SX	P	00 33 31.-			2	11140	100.2	64.4	327.1
HOF	+I Z SL	P	00 33 32.-	5.0	3.88	9	11160	100.4	66.6	323.7
	+I Z SL	PP	00 38 07.-	2.0	3.35	4				
	Z SL	RM	01 22 00.-	25.0	6.61					
HLG	Z SL	P	00 33 20.-			1	11230	101.0	62.6	324.1
GRF	E Z BE	P	00 33 38.1			6	11240	101.0	66.2	323.1
	I Z BE	-	00 33 44.6			9				
FUR	+E Z SL	P	00 33 39.-	3.0	2.92	9	11300	101.6	66.5	321.8
	+I Z SL	APCP	00 33 44.-	2.6	3.22	7				
	Z SL	RM	01 22 30.-	22.0	5.76					
TNS	I Z SL	P	00 33 48.0			5	11390	102.4	63.8	324.1
	I N SL	PP	00 38 10.0			9				
	I N SL	SKS	00 44 44.1			9				
	I N SL	S	00 45 52.0			9				
	I N SL	PS	00 47 58.1			9				
BOC	-I E B4	S	00 44 20.2	3.0	3.40	2	11400	102.6	62.5	326.1
	E B4	MAXIMUM	01 24 00.0	20.0	5.00					
BNS	+E Z FS	P	00 33 44.-				11430	102.8	62.6	325.6
	I Z FS	-	00 33 46.8	2.0	2.80					
	E N X	SKS	00 44 28.5							
BUH	E Z GT	P	00 33 42.5				11480	103.2	63.9	323.2

DEC 02 ERL
H= 01 40 47.8
LAT = 6.5 N
LONG= 126.6 E
DEPTH= 54 KM
MAGNITUDE= 5.9
MINDANAO, PHILIPPINE ISLANDS

GRF	E Z BE	P	01 54 34.4			2	11240	101.1	66.2	323.1

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
						3				
	+E Z BE	-	01 54 37.0			3				
	-E Z BE	-	01 54 55.3			2				
	+E Z BE	-	01 59 06.0							
FUR	-I Z SL	APP	01 59 00.-	2.0	2.24	5	11300	101.6	66.5	321.8
	-I Z SL	XPP	01 59 05.-	2.0	2.27	3				

DEC 02 ERL
H= 03 56 57.6
LAT = 6.2 N
LONG= 127.5 E
DEPTH= 65 KM (GEOPHYSICIST)
MAGNITUDE= 5.8
PHILIPPINE ISLANDS REGION

GRF	E Z BE	P	04 10 46.4			2	11320	101.8	65.6	323.5
FUR	+I Z SL	P	04 10 53.-	1.8	2.00	2	11390	102.4	65.9	322.1
	-I Z SL	PP	04 15 07.-	2.0	2.24	2				
	-I Z SL	-	04 15 12.-	1.5	1.59	9				

DEC 02
NO DETERMINATION OF EPICENTER

KRL	+E Z ST	P	04 33 49.5	2.0		3				

DEC 02 ERL
H= 05 48 19.5
LAT = 5.6 N
LONG= 127.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
PHILIPPINE ISLANDS REGION

GRF	E Z BE	P	06 02 32.1			2	11360	102.1	66.1	323.4
	E Z BE	PKIKP	06 06 28.2			2				

DEC 02 ERL
H= 13 28 24.4
LAT = 35.4 N
LONG= 27.1 E
DEPTH= 55 KM
MAGNITUDE= 5.1
DODECANESE ISLANDS

DEC 02 BCS
H= 13 28 25.0
LAT = 35.2 N
LONG= 27.1 E
EASTERN MEDITERRANEAN SEA

FUR	-I Z SL	P	13 32 21.-	1.9	2.12	2	1920	17.3	131.7	322.3
	-I Z SL	PP	13 32 34.-	1.5	1.98	8				

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
	+I Z SL	XPP	13 32 47.-	1.5	1.75	3			
	-I Z SL	-	13 32 52.-	1.5	1.84	3			
	+I Z SL	-	13 33 04.-	1.5	1.73	9			
	+E Z SL	S	13 35 27.-	2.0	2.18	2			
	-I Z SL	SS	13 35 50.-	2.0	2.27	9			
	Z SL	QM	13 39 40.-	7.0	3.38				
GRF	E Z BE	P	13 32 03.0			2	2040	18.4	135.0 325.1
	-E Z BE	-	13 32 36.7			3			
HOF	-E Z SL	PP	13 32 51.-	2.0	2.98	2	2060	18.5	137.7 328.1
	Z SL	RM	13 41 25.-	13.0	3.82				
STU	E Z BE	P	13 32 42.8	0.6	1.60	2	2090	18.8	128.8 320.3
BUH	E Z GT	P	13 32 46.9				2140	19.2	125.7 319.4
BNS	E Z FS	P	13 33 09.-	2.8	2.36		2350	21.2	129.7 323.4

DEC 03
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	05 40 12.0						

DEC 03 ERL
H= 07 45 02.6
LAT = 6.5 N
LONG= 126.8 E
DEPTH= 82 KM
MAGNITUDE= 5.3
MINDANAO, PHILIPPINE ISLANDS

GRF	E Z BE	P	07 58 46.5			1	11240	101.1	66.0 323.3

DEC 03 ERL
H= 08 54 36.1
LAT = 17.8 S
LONG= 178.5 W
DEPTH=604 KM
MAGNITUDE= 4.6
FIJI ISLANDS REGION

GRF	-I Z BE	PKP	09 13 14.6	0.5	1.21	6	16380	147.3	17.3 348.1

DEC 03 ERL
H= 08 54 47.2
LAT = 39.4 N
LONG= 75.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.0
SOUTHERN SINKIANG PROV., CHINA

GRF	-E Z BE	P	09 03 05.6	1.1	1.61	2	5060	45.5	77.7 305.1

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
FUR	+I Z SL	P	09 03 05.-	1.8	2.18	3	5090	45.8	75.3 303.0

DEC 03 ERL
H= 10 32 49.9
LAT = 24.0 S
LONG= 176.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	10 53 01.0			2	17090	153.7	15.0 349.4

DEC 03 ERL
H= 13 13 12.8
LAT = 53.8 N
LONG= 160.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
NEAR EAST COAST OF KAMCHATKA

GRF	-I Z BE	P	13 24 45.1			4	8190	73.7	18.3 339.8

DEC 03 ERL
H= 17 58 55.9
LAT = 11.3 S
LONG= 87.5 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
SOUTH INDIAN OCEAN

GRF	E Z BE	P	18 11 52.6	1.0	1.74	2	9990	89.8	107.7 320.9

DEC 03 ERL
H= 19 25 32.4
LAT = 5.8 N
LONG= 127.3 E
DEPTH= 58 KM
MAGNITUDE= 5.3
PHILIPPINE ISLANDS REGION

HOF	Z SL	RM	20 31 30.-	20.0	3.90		11270	101.3	66.5 323.8
FUR	-I Z SL	APP	19 43 44.-	1.5	1.54	3	11400	102.6	66.4 321.9

DEC 03 ERL
H= 22 08 32.0
LAT = 31.9 N
LONG= 131.5 E
DEPTH= 13 KM
MAGNITUDE= 5.3
KYUSHU, JAPAN

HOF	Z SL	RM	23 02 30.-	20.0	4.20		9150	82.3	48.2 325.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.
GRF	E Z BE	P	22 20 58.8			1			
	E Z BE	-	22 21 09.0			2	9230	83.0	47.7
FUR	-I Z SL	P	22 21 05.-	2.0	2.27	9			
	+E Z SL	-	22 21 15.-	1.5	2.49	2	9340	84.0	47.6

DEC 04 ERL
H= 03 24 55.2
LAT = 35.2 N
LONG= 27.2 E
DEPTH= 39 KM
MAGNITUDE= 4.3
DODECANESE ISLANDS

DEC 04 BCS
H= 03 25 00.0
LAT = 35.2 N
LONG= 27.3 E
EASTERN MEDITERRANEAN SEA

GRF	E Z BE	P	03 29 17.9			2	2070	18.6	135.1

DEC 04
NO DETERMINATION OF EPICENTER

FUR	-E Z SL	-	10 09 34.-	1.6	1.60	3			

DEC 04 ERL
H= 10 16 12.0
LAT = 33.3 N
LONG= 140.7 E
DEPTH= 66 KM
MAGNITUDE= 6.6
SOUTH OF HONSHU, JAPAN

NOS= MINOR DAMAGE (VI JMA) ON HACHIJOJIMA. FELT (IV) IN SOUTHERN HONSHU.
TSUNAMI HEIGHT (CREST TO TROUGH IN METERS) 0.5 AT HACHIJOJIMA AND
SOUTHERN HONSHU. MAG. 7.4 (PAS), 7.0 (BRK).

BRN	+I Z ET	P	10 28 32.6			6	9240	83.1	42.0
	-I Z ET	PCP	10 28 39.6			4			
	+I Z ET	AP	10 28 51.6			9			
	+I Z ET	-	10 29 57.0			5			
	+E Z ET	PP	10 31 53.-			2			
	-E Z ET	PPP	10 33 42.-			3			
	+E Z ET	SS	10 44 20.-			3			
HLG	+I Z SL	P	10 28 34.-			3	9320	83.8	38.2
HOF	+I Z SL	P	10 28 41.-	1.7	3.64	9	9480	85.2	40.9
	N SL	RM	11 14 30.-	18.0	5.69				
GRF	+I Z BE	P	10 28 46.6	1.4	3.28	9	9560	86.0	40.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BOC	-I Z B4	P	10 28 47.5	1.5	3.58	2	9580	86.2	37.5	333.0
	+I Z B4	PP	10 32 17.5	2.0	3.60	2				
	+E E B4	S	10 39 07.0	6.0	4.00					
FUR	+I Z SL	P	10 28 52.-	1.8	2.93	9	9690	87.1	40.4	328.8
	Z SL	RM	11 12 00.-	18.0	5.60					
STU	+I Z BE	P	10 28 53.2	1.7	3.78	5	9730	87.5	38.9	330.3
	+E N SL	S	10 39 16.0	26.0	4.91	5				
KRL	+E Z ST	P	10 28 55.3	1.5		5	9750	87.7	38.3	330.8
BUH	+I Z GT	P	10 28 55.2				9790	88.0	38.2	330.7

DEC 04 ERL
H= 11 21 58.0
LAT = 33.3 N
LONG= 140.7 E
DEPTH= 79 KM
MAGNITUDE= 4.8
SOUTH OF HONSHU, JAPAN

GRF	-E Z BE	P	11 34 32.3			3	9560	86.0	40.4	329.8

DEC 04 ERL
H= 11 50 38.3
LAT = 33.2 N
LONG= 140.7 E
DEPTH= 64 KM
MAGNITUDE= 5.3
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	12 03 14.2			2	9580	86.1	40.5	329.8

DEC 04 ERL
H= 13 30 53.4
LAT = 33.2 N
LONG= 140.5 E
DEPTH= 88 KM
MAGNITUDE= 4.4
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	13 43 42.2			2	9570	86.0	40.6	329.7

DEC 04 ERL
H= 14 38 34.5
LAT = 52.9 N
LONG= 168.3 W
DEPTH= 49 KM
MAGNITUDE= 4.7
FOX ISLANDS, ALEUTIAN ISLANDS

GRF	E Z BE	P	14 50 29.3			1	8650	77.8	359.7	0.3

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 04 ERL H= 14 50 56.8 LAT = 33.2 N LONG= 140.6 E DEPTH= 59 KM MAGNITUDE= 5.3 SOUTH OF HONSHU, JAPAN										
GRF	-E Z BE	P	15 03 32.9	1.2	2.04	2	9570	86.0	40.5	329.8
FUR	+I Z SL	P	15 03 39.-	2.0	2.27	3	9690	87.2	40.5	328.8
	-I Z SL	-	15 04 05.-	1.5	1.76	2				
	-I Z SL	-	15 04 14.-	1.5	1.70	3				
DEC 04 ERL H= 15 00 22.5 LAT = 33.1 N LONG= 140.6 E DEPTH= 61 KM MAGNITUDE= 5.3 SOUTH OF HONSHU, JAPAN										
GRF	-E Z BE	P	15 12 59.1	1.0	1.71	3	9570	86.1	40.6	329.8
DEC 04 ERL H= 17 51 22.4 LAT = 1.5 S LONG= 136.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 6.0 WEST NEW GUINEA REGION										
GRF	E Z BE	PKP	18 10 36.4			1	12610	113.4	62.5	324.8
FUR	+E Z SL	-	18 10 29.-	1.8	1.95	3	12680	114.0	63.1	323.3
	-I Z SL	-	18 10 46.-	1.5	1.49	2				
	+I Z SL	PP	18 10 53.-	1.8	2.00	3				
	-I Z SL	APP	18 10 58.-	1.5	1.76	3				
	+I Z SL	XPP	18 11 09.-	2.0	2.24	1				
			18 11 14.-	1.9	2.22	2				
DEC 04 ERL H= 18 13 16.2 LAT = 33.4 N LONG= 140.5 E DEPTH= 94 KM MAGNITUDE= 4.6 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	18 25 51.2			1	9550	85.9	40.5	329.7

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 04 ERL H= 21 38 46.3 LAT = 22.1 S LONG= 179.8 W DEPTH=611 KM MAGNITUDE= 4.7 SOUTH OF FIJI ISLANDS										
GRF	-E Z BE	PKP	21 57 44.1			3	16800	151.1	21.5	345.2
DEC 05 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	00 38 06.9							
DEC 05 ERL H= 09 02 30.0 LAT = 5.3 S LONG= 68.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.7 CHAGOS ARCHIPELAGO REGION										
FUR	+I Z SL	P	09 13 58.-	1.5	1.76	3	8120	73.0	118.9	323.9
	+I Z SL	XP	09 14 11.-	1.5	1.59	1				
GRF	+E Z BE	P	09 14 03.2			3	8210	73.8	119.2	325.3
DEC 05 ERL H= 10 02 53.3 LAT = 33.3 N LONG= 140.3 E DEPTH= 60 KM MAGNITUDE= 4.8 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	10 15 28.4	0.8	1.33	2	9540	85.8	40.7	329.6
DEC 05 ERL H= 11 51 45.4 LAT = 33.4 N LONG= 140.6 E DEPTH= 24 KM MAGNITUDE= 5.2 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	12 04 26.4			2	9550	85.9	40.4	329.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 05 BCS										
H= 12 00 16.0										
LAT = 39.0 N										
LONG= 23.7 E										
AEGEAN SEA										
DEC 05 ERL										
H= 12 00 16.3										
LAT = 39.0 N										
LONG= 23.9 E										
DEPTH= 62 KM										
MAGNITUDE= 4.7										
AEGEAN SEA										
FUR	-I Z SL	XPP	12 03 39.-	1.5	1.54	3	1430	12.8	131.0	319.6
	+I Z SL	S	12 05 43.-	1.9	2.05	4				
	+I Z SL	-	12 06 21.-	1.5	1.59	3				
	+I Z SL	-	12 07 47.-	1.8	2.04	9				
	Z SL	QM	12 08 25.-	2.0	2.10					
	-I Z SL	XPCP	12 09 19.-	2.0	2.18	1				
GRF	E Z BE	P	12 03 58.4			1	1550	13.9	135.5	324.3
DEC 05 ERL										
H= 14 03 38.3										
LAT = 33.5 N										
LONG= 141.2 E										
DEPTH= 55 KM										
MAGNITUDE= 5.2										
OFF EAST COAST OF HONSHU, JAPAN										
GRF	E Z BE	P	14 16 15.1			2	9570	86.1	39.9	330.1
FUR	+E Z SL	-	14 16 24.-	1.9	2.05	3	9700	87.2	39.9	329.1
	-I Z SL	XPCP	14 16 33.-	2.0	2.14	9				
DEC 05 ERL										
H= 19 31 29.2										
LAT = 23.6 S										
LONG= 175.9 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.3										
TONGA ISLANDS REGION										
GRF	E Z BE	PKP	19 50 56.9	0.7	1.09	3	17050	153.4	14.6	349.7
	E Z BE	PKP	19 51 38.9			2				
FUR	+E Z SL	PKP2	19 51 41.-	2.0	2.10	2	17220	154.8	15.6	348.7
	-I Z SL	APKP	19 51 57.-	1.7	1.99	2				
DEC 05										
NO DETERMINATION OF EPICENTER										
FUR	+I Z SL	-	22 19 04.-	1.9	2.00	1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 06 ERL										
H= 01 43 24.8										
LAT = 3.0 S										
LONG= 139.1 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.4										
WEST NEW GUINEA										
FUR	+I Z SL	XPP	02 03 31.-	2.0	2.38	3	12970	116.7	61.9	323.7
DEC 06 BCS										
H= 02 48 59.0										
LAT = 37.3 N										
LONG= 23.4 E										
SOUTHERN GREECE										
DEC 06 ERL										
H= 02 49 03.6										
LAT = 37.8 N										
LONG= 23.8 E										
DEPTH=156 KM										
MAGNITUDE= 3.8										
SOUTHERN GREECE										
GRF	E Z BE	P	02 52 31.2			1	1690	15.2	140.0	328.5
DEC 06 ERL										
H= 04 03 35.2										
LAT = 33.2 N										
LONG= 140.5 E										
DEPTH= 62 KM										
MAGNITUDE= 4.9										
SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	04 16 10.2			3	9560	85.9	40.6	329.7
DEC 06 ERL										
H= 05 31 44.8										
LAT = 9.2 S										
LONG= 67.3 E										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.6										
MID-INDIAN RISE										
FUR	+I Z SL	P	05 43 27.-	1.7	2.19	3	8390	75.5	122.2	325.0
	+I Z SL	AP	05 43 34.-	1.5	1.76	4				
	+I Z SL	XP	05 43 40.-	1.5	1.96	5				
	-I Z SL	APCP	05 43 45.-	1.5	2.00	4				
GRF	-E Z BE	P	05 43 31.2	1.1	2.13	2	8490	76.3	122.5	326.3
STU	E Z BE	P	05 43 33.5	1.4	2.47	2	8560	77.0	120.6	324.8
BUH	E Z GT	P	05 43 37.8				8610	77.5	119.8	324.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 06										
NO DETERMINATION OF EPICENTER										
BUH	E Z GT	PN	06 39 42.5							
DEC 06 ERL										
H= 09 19 32.2										
LAT = 23.8 S										
LONG= 179.0 E										
DEPTH=553 KM										
MAGNITUDE= 4.7										
SOUTH OF FIJI ISLANDS										
FUR	-I Z SL	PKP2	09 38 46.-	1.8	2.18	9	17110	153.9	26.1	341.2
DEC 06 ERL										
H= 10 33 41.1										
LAT = 33.3 N										
LONG= 140.5 E										
DEPTH= 65 KM (GEOPHYSICIST)										
MAGNITUDE= 4.9										
SOUTH OF HONSHU, JAPAN										
GRF	+E Z BE	P	10 46 15.3			2	9550	85.9	40.5	329.7
DEC 06 ERL										
H= 16 06 31.5										
LAT = 32.6 N										
LONG= 141.3 E										
DEPTH= 49 KM										
MAGNITUDE= 4.9										
SOUTH OF HONSHU, JAPAN										
GRF	E Z BF	P	16 19 14.3			2	9660	86.9	40.3	330.2
DEC 06 ERL										
H= 20 12 08.1										
LAT = 33.2 N										
LONG= 140.6 E										
DEPTH= 58 KM										
MAGNITUDE= 5.3										
SOUTH OF HONSHU, JAPAN										
GRF	-E Z BE	P	20 24 44.4	0.8	1.33	2	9570	86.0	40.5	329.8
BNS	E Z FS	P	20 24 46.3				9640	86.7	37.6	332.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 06 ERL										
H= 23 41 29.1										
LAT = 40.2 N										
LONG= 143.7 E										
DEPTH= 17 KM										
MAGNITUDE= 5.3										
OFF EAST COAST OF HONSHU, JAPAN										
GRF	+E Z BE	P	23 53 46.3	1.2	1.92	3	9030	81.2	34.8	331.0
FUR	-I Z SL	P	23 53 53.-	1.5	1.76	2	9160	82.4	34.7	330.1
	+I Z SL	PCP	23 53 56.-	2.0	2.27	3				
DEC 07 ERL										
H= 00 14 52.3										
LAT = 33.2 N										
LONG= 140.7 E										
DEPTH= 65 KM										
MAGNITUDE= 4.8										
SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	00 27 28.0			3	9570	86.1	40.4	329.8
DEC 07 ERL										
H= 00 54 24.7										
LAT = 33.3 N										
LONG= 140.8 E										
DEPTH= 61 KM										
MAGNITUDE= 4.8										
SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	01 07 01.5			2	9570	86.1	40.3	329.9
DEC 07 ERL										
H= 02 01 54.9										
LAT = 34.2 N										
LONG= 141.4 E										
DEPTH= 63 KM										
MAGNITUDE= 4.9										
OFF EAST COAST OF HONSHU, JAPAN										
GRF	-E Z BE	P	02 14 29.6			2	9510	85.5	39.4	330.2
DEC 07 ERL										
H= 02 14 49.1										
LAT = 20.4 S										
LONG= 178.4 W										
DEPTH=572 KM										
MAGNITUDE= 4.5										
FIJI ISLANDS REGION										
GRF	E Z BE	PKP	02 33 44.3			2	16660	149.8	18.2	347.5

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
DEC 07									
NO DETERMINATION OF EPICENTER									
BNS= EXPLOSION SUPPOSED									
BNS	+I Z FS	PG	09 30 16.2						
	E E X	SG	09 30 22.-						
	E Z FS	-	09 30 27.5						
DEC 07									
NO DETERMINATION OF EPICENTER									
BNS	E N X	SG	11 03 57.0						
DEC 07 ERL									
H= 14 50 15.0									
LAT = 3.7 N									
LONG= 128.5 E									
DEPTH= 53 KM									
MAGNITUDE= 5.4									
NORTH OF HALMAHERA									
GRF	E Z BE	PKP	15 08 44.2			1	11600	104.3	66.3 323.4
DEC 07 ERL									
H= 19 18 52.9									
LAT = 53.1 N									
LONG= 171.0 E									
DEPTH= 33 KM (NORMAL)									
MAGNITUDE= 5.5									
NEAR ISLANDS, ALEUTIAN ISLANDS									
GRF	+I Z BE	P	19 30 39.8	0.8	1.80	4	8470	76.2	12.4 346.6
	E Z BE	PP	19 33 23.5			1			
FUR	+I Z SL	P	19 30 48.-	1.5	1.76	9	8630	77.6	12.3 346.3
DEC 07 ERL									
H= 23 37 56.0									
LAT = 35.6 N									
LONG= 140.0 E									
DEPTH= 79 KM									
MAGNITUDE= 5.0									
NEAR EAST COAST OF HONSHU, JAPAN									
GRF	+E Z BE	P	23 50 18.3			2	9310	83.7	39.8 329.4

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
DEC 08 ERL									
H= 01 33 52.2									
LAT = 20.7 S									
LONG= 169.5 E									
DEPTH= 42 KM									
MAGNITUDE= 4.5									
NEW HEBRIDES ISLANDS									
GRF	-E Z BE	PKP	01 53 30.3			3	16270	146.3	38.6 334.4
FUR	-I Z SL	PKP1	01 53 34.-	1.5	1.62	2	16400	147.4	40.2 332.5
	+I Z SL	PKP2	01 53 37.-	2.0	2.21	4			
	-E Z SL	APKP	01 53 47.-	1.3	1.89	9			
DEC 08 ERL									
H= 04 04 06.6									
LAT = 33.2 N									
LONG= 141.4 E									
DEPTH= 46 KM									
MAGNITUDE= 4.8									
OFF EAST COAST OF HONSHU, JAPAN									
GRF	E Z BE	P	04 16 52.0			1	9610	86.4	39.9 330.2
DEC 08 ERL									
H= 04 11 42.7									
LAT = 32.5 N									
LONG= 141.7 E									
DEPTH= 38 KM									
MAGNITUDE= 5.0									
SOUTH OF HONSHU, JAPAN									
GRF	E Z BE	P	04 24 26.8			2	9680	87.1	40.1 330.3
DEC 08 ERL									
H= 04 50 34.5									
LAT = 24.0 S									
LONG= 175.9 W									
DEPTH= 33 KM (NORMAL)									
MAGNITUDE= 5.1									
SOUTH OF TONGA ISLANDS									
GRF	E Z BE	PKP	05 10 50.9			2	17100	153.8	14.9 349.5
DEC 08 ERL									
H= 06 17 26.4									
LAT = 23.4 S									
LONG= 176.0 W									
DEPTH= 33 KM (NORMAL)									
MAGNITUDE= 4.5									
SOUTH OF FIJI ISLANDS									
GRF	E Z BE	PKP	06 37 31.6			1	17030	153.2	14.8 349.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 08 ERL H= 06 41 32.2 LAT = 23.7 S LONG= 175.7 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 TONGA ISLANDS REGION										
GRF	E Z BF	PKP	07 01 42.5			2	17070	153.5	14.3	349.9
DEC 08 ERL H= 07 48 42.0 LAT = 1.9 S LONG= 99.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.5 SOUTHERN SUMATRA										
FUR	-I Z SL	P	08 01 41.-	1.3	1.84	2	10040	90.3	92.5	318.0
	-I Z SL	AP	08 01 50.-	1.2	1.90	4				
	-I Z SL	XPCP	08 01 56.-	1.5	1.59	5				
GRF	+E Z BE	P	08 01 42.1	1.0	1.68	4	10050	90.4	92.4	319.5
BUH	E Z GT	P	08 01 50.2				10270	92.3	90.2	318.5
DEC 08 ERL H= 08 48 14.0 LAT = 1.9 S LONG= 99.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.3 SOUTHERN SUMATRA										
GRF	E Z BE	P	09 01 14.9			2	10060	90.5	92.4	319.5
DEC 08 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PN	12 01 04.4			1				
	E Z BE	PG	12 01 12.4			1				
	E N BE	SG	12 01 52.7			3				
DEC 08 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	12 26 41.8			1				
	E N BE	SG	12 27 07.0			1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 08 ERL H= 18 02 23.5 LAT = 21.4 S LONG= 179.2 W DEPTH=605 KM MAGNITUDE= 5.4 FIJI ISLANDS REGION										
BNS	-I Z FS	PKP	18 21 09.2	1.0	2.28		16690	150.1	11.9	352.0
	E Z FS	-	18 21 17.3							
GRF	E Z BE	PKP	18 21 03.0			1	16750	150.6	20.0	346.2
	+I Z BE	-	18 21 10.0	0.8	1.80	9				
	I Z BE	-	18 21 19.8			9				
STU	E Z BE	PKP	18 21 04.8	1.0	1.74	2	16890	151.9	15.7	348.2
	E Z BE	-	18 21 12.2	0.9	2.28	2				
FUR	+I Z SL	PKP1	18 21 05.-	1.5	1.53	9	16910	152.0	21.1	345.0
	+I Z SL	PKHKP	18 21 12.-	1.5	1.96	5				
	+I Z SL	PKP2	18 21 26.-	1.3	2.12	2				
BUH	E Z GT	PKP	18 21 05.8				16920	152.2	14.9	349.5
DEC 08 ERL H= 18 13 02.9 LAT = 1.9 S LONG= 99.8 E DEPTH= 20 KM MAGNITUDE= 5.8 SOUTHERN SUMATRA										
FUR	+I Z SL	P	18 26 04.-	1.5	1.76	9	10050	90.4	92.4	318.0
	+I Z SL	PCP	18 26 13.-	1.8	2.23	4				
	-I Z SL	XPCP	18 26 18.-	1.8	2.26	4				
	+I Z SL	-	18 26 38.-	2.0	2.38	8				
GRF	+E Z BE	P	18 26 05.4			4	10060	90.5	92.3	319.5
	E Z BE	-	18 26 14.1			2				
STU	E Z BE	P	18 26 10.6	1.7	2.00	2	10210	91.8	90.8	318.6
BUH	E Z GT	P	18 26 13.3				10280	92.4	90.1	318.5
DEC 08 ERL H= 20 17 12.9 LAT = 5.7 N LONG= 127.3 E DEPTH= 63 KM MAGNITUDE= 5.4 PHILIPPINE ISLANDS REGION										
GRF	E Z BE	P	20 31 05.9			1	11350	102.1	66.1	323.4
FUR	+E Z SL	XPP	20 35 40.-	1.7	1.91	9	11420	102.7	66.4	321.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
DEC 08 ERL H= 20 43 16.0 LAT = 5.7 N LONG= 127.4 E DEPTH= 65 KM (GEOPHYSICIST) MAGNITUDE= 5.3 PHILIPPINE ISLANDS REGION									
GRF	E Z BE	P	20 57 23.7			2	11360	102.1	66.0 323.4
DEC 09 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PN	01 00 28.0						
DEC 09 NO DETERMINATION OF EPICENTER BNS= ROCKBURST SUPPOSED									
BNS	E Z FS	PG	01 25 29.5						
	E Z FS	SG	01 25 39.5						
DEC 09 ERL H= 06 06 07.6 LAT = 33.1 N LONG= 140.8 E DEPTH= 51 KM MAGNITUDE= 5.3 SOUTH OF HONSHU, JAPAN									
GRF	E Z BE	P	06 18 45.5	1.1	1.77	2	9590	86.2	40.4 329.9
	+I Z BE	AP	06 19 00.1			6			
DEC 09 ERL H= 06 44 40.4 LAT = 15.2 N LONG= 45.2 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.7 NORTH ATLANTIC RIDGE									
BUH	E Z GT	P	06 54 08.0				6090	54.8	251.6 40.6
BNS	+I Z FS	P	06 54 10.5	1.6	2.20		6110	54.9	249.1 37.7
	+E Z SL	-	06 54 11.0	8.0					
	-I Z SL	S	07 02 01.-						
	E Z SL	LR	07 09 30.-	36.0					
STU	E Z BE	P	06 54 11.8	1.5	2.11		6160	55.4	252.4 40.8
	E N SL	S	07 02 00.0	20.0	3.22				
FUR	+I Z SL	P	06 54 21.-	1.5	1.89	9	6290	56.6	254.6 41.9
	+I Z SL	AP	06 54 27.-	1.8	2.42	3			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
	+I Z SL	-	06 54 38.-	1.4	2.05	9			
	N SL	RM	07 19 30.-	22.0	5.13				
GRF	E Z BE	P	06 54 23.7			2	6330	56.9	253.6 40.2
HAM	E Z SX	P	06 54 27.-			2	6380	57.4	250.1 35.6
HOF	+I Z SL	P	06 54 28.-	1.5	2.39	9	6400	57.5	253.8 39.6
	+I Z SL	-	06 54 34.-	1.5	2.75	5			
	+I Z SL	-	06 54 52.-	1.5	2.57	3			
	+I Z SL	PCP	06 55 26.-	2.0	2.81	7			
	Z SL	QM	07 17 30.-	16.0	4.08				
DEC 09 ERL H= 08 52 21.9 LAT = 38.3 N LONG= 20.2 E DEPTH= 21 KM MAGNITUDE= 4.7 GREECE									
DEC 09 BCS H= 08 52 26.0 LAT = 38.2 N LONG= 20.2 E IONIAN SEA									
FUR	+E Z SL	P	08 55 13.-	2.0	2.10	2	1310	11.8	143.3 329.4
	-I Z SL	-	08 55 21.-	1.8	2.00	2			
	-I Z SL	-	08 56 23.-	1.5	1.59	5			
	+E Z SL	S	08 57 27.-	1.8	2.26	3			
	+E Z SL	SSS	08 57 51.-	1.5	1.59	3			
	Z SL	RM	09 01 00.-	2.6	2.43				
GRF	E Z BE	P	08 55 27.6			1	1450	13.0	147.0 333.3
BUH	E Z GT	P	08 55 34.5				1500	13.5	135.6 323.8
DEC 09 NO DETERMINATION OF EPICENTER									
BUH	E Z GT	PG	10 46 18.7						
DEC 09 ERL H= 23 08 18.6 LAT = 33.4 N LONG= 140.9 E DEPTH= 61 KM MAGNITUDE= 4.6 SOUTH OF HONSHU, JAPAN									
GRF	E Z BE	P	23 20 54.5			1	9560	85.9	40.2 329.9

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	DEC 1972

DEC 10 ERL
H= 00 31 15.9
LAT = 33.2 N
LONG= 140.8 E
DEPTH= 53 KM
MAGNITUDE= 4.3
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	00 43 53.0			1	9580	86.1	40.4	329.9

DEC 10 ERL
H= 03 35 48.2
LAT = 43.1 N
LONG= 141.5 E
DEPTH=172 KM
MAGNITUDE= 5.1
HOKKAIDO, JAPAN REGION

GRF	+I Z BE	P	03 47 29.5	0.8	1.74	6	8660	77.9	34.8	329.6
FUR	+I Z SL	P	03 47 36.-	1.3	1.84	9	8800	79.1	34.7	328.7
	-I Z SL	-	03 47 41.-	1.4	1.79	2				
STU	E Z BE	P	03 47 36.5	0.9	1.68	2	8830	79.4	33.4	330.2
	E Z BE	-	03 47 41.0	1.0	1.67	2				
BUH	E Z GT	P	03 47 39.0				8880	79.8	32.8	330.7

DEC 10 ERL
H= 04 26 57.7
LAT = 49.8 N
LONG= 78.1 E
DEPTH= 0 KM (GEOPHYSICIST)
MAGNITUDE= 5.7
EASTERN KAZAKH SSR

DEC 10 BCS
H= 04 27 00.0
LAT = 50.0 N
LONG= 79.0 E
DEPTH= 0 KM (GEOPHYSICIST)
EASTERN KAZAKH SSR

BCIS= SEMIPALATINSK AREA. PROBABLY ARTIFICIAL (UPP)

HAM	+I Z SX	P	04 34 47.6			2	4560	41.0	66.4	302.2
HOF	-I Z SL	P	04 34 46.-	1.5	2.50	9	4580	41.2	64.0	297.1
	-I Z SL	PP	04 36 24.-	2.0	2.51	9				
	-I Z SL	PCP	04 36 44.-	1.5	2.57	3				
GRF	+I Z BE	P	04 34 52.2			9	4660	41.9	63.1	296.5
FUR	+I Z SL	P	04 34 58.-	1.5	2.22	9	4730	42.5	61.7	294.5
	-I Z SL	PP	04 36 37.-	1.8	2.30	2				

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.	DEC 1972
	-I Z SL	PCP	04 36 56.-	1.8	2.74	7				
STU	+E Z BE	P	04 35 04.5	0.7	2.51	6	4830	43.5	61.4	296.2
BNS	I Z FS	P	04 35 06.4							
	+I Z FS	-	04 35 19.2	1.3	2.36		4850	43.6	62.5	299.9
	E Z FS	-	04 37 01.-							
KRL	+E Z ST	P	04 35 08.8	0.6		5	4870	43.8	61.3	296.9
BUH	E Z GT	P	04 35 09.4				4900	44.1	60.9	296.5

DEC 10 ERL
H= 04 27 08.4
LAT = 50.1 N
LONG= 78.8 E
DEPTH= 0 KM (GEOPHYSICIST)
EASTERN KAZAKH SSR

DEC 10 BCS
H= 04 27 13.0
LAT = 50.0 N
LONG= 79.0 E
DEPTH= 0 KM (GEOPHYSICIST)
EASTERN KAZAKH SSR

BCIS= SEMIPALATINSK AREA. PROBABLY ARTIFICIAL (UPP).

HOF	+E Z SL	P	04 34 58.-	1.5	2.79	5	4610	41.5	63.4	297.1
	-I Z SL	PP	04 36 38.-	1.5	2.79	5				
GRF	+I Z BE	P	04 35 05.3			9	4690	42.2	62.5	296.6
FUR	+I Z SL	P	04 35 11.-	1.5	2.49	9	4770	42.9	61.0	294.5
	+I Z SL	PP	04 36 51.-	1.5	1.66	9				
	+I Z SL	PPP	04 37 20.-	1.5	1.79	2				
STU	E Z BE	P	04 35 17.4	0.8	2.47	2	4870	43.8	60.7	296.3
KRL	+E Z ST	P	04 35 22.-	0.8		5	4900	44.1	60.6	297.0
BUH	E Z GT	P	04 35 22.0				4930	44.4	60.3	296.6

DEC 10 ERL
H= 04 33 37.2
LAT = 17.5 N
LONG= 93.6 W
DEPTH=211 KM
MAGNITUDE= 5.2
CHIAPAS, MEXICO

BUH	E Z GT	P	04 45 48.5				9410	84.6	290.2	40.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
STU	E Z BE	P	04 45 50.8	0.9	2.03	2	9470	85.2	290.9 40.3
GRF	-I Z BE	P	04 45 56.7	1.0	1.83	8	9570	86.1	292.4 39.0
FUR	+E Z SL	-	04 46 23.-	1.7	1.76	1	9640	86.7	292.5 40.4
	-I Z SL	AP	04 46 45.-	2.3	2.22	3			
	+I Z SL	XP	04 47 09.-	2.0	2.10	1			
	+I Z SL	XPP	04 50 40.-	2.5	2.65	4			

DEC 10 ERL
H= 07 58 35.5
LAT = 23.9 S
LONG= 175.8 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
TONGA ISLANDS REGION

GRF	E Z BE	PKP	08 18 45.7			2	17090	153.7	14.6 349.7

DEC 10 ERL
H= 10 55 31.0
LAT = 20.6 S
LONG= 169.3 E
DEPTH= 33 KM (NORMAL)
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP	11 15 07.6			1	16260	146.2	38.9 334.2

DEC 10 ERL
H= 12 13 29.2
LAT = 37.5 N
LONG= 21.3 E
DEPTH= 68 KM
MAGNITUDE= 4.3
SOUTHERN GREECE

DEC 10 BCS
H= 12 13 35.0
LAT = 37.6 N
LONG= 21.6 E
DEPTH= 90 KM
SOUTHERN GREECE

FUR	-I Z SL	-	12 16 39.-	1.5	1.59	3	1440	13.0	142.1 328.8
	Z SL	QM	12 21 40.-	3.0	2.89				
BUH	E Z GT	P	12 17 04.0				1630	14.7	135.0 323.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.

DEC 10 ERL
H= 18 26 07.1
LAT = 44.8 N
LONG= 149.4 E
DEPTH= 13 KM
MAGNITUDE= 6.0
KURIL ISLANDS

HOF	+I Z SL	P	18 38 08.-	3.6	3.79	9	8710	78.4	29.4 333.8
	+I Z SL	PCP	18 38 17.-	4.0	3.47	8			
	+I Z SL	XPCP	18 38 26.-	4.0	3.47	8			
	Z SL	RM	19 16 30.-	18.0	4.40				
GRF	+I Z BE	P	18 38 13.2	0.9	2.83	9	8800	79.1	28.9 333.8
BNS	+I Z FS	P	18 38 13.0	1.3	2.73		8800	79.2	26.4 336.8
	+I Z SL	-	18 38 13.-						
	E Z SL	LR	19 04 40.-						
	Z SL	-	19 18 00.-	18.0					
FUR	+I Z SL	P	18 38 20.-	1.8	3.18	9	8940	80.4	28.8 333.0
	+I Z SL	XPCP	18 38 35.-	1.5	1.98	3			
	Z SL	RM	19 18 00.-	20.0	5.00				
STU	+E Z BE	P	18 38 20.0	1.0	2.75	5	8960	80.5	27.5 334.6
BUH	+I Z GT	P	18 38 22.7				9000	80.9	26.9 335.1

DEC 10 ERL
H= 22 08 48.4
LAT = 18.4 S
LONG= 177.9 W
DEPTH=609 KM
MAGNITUDE= 4.6
FIJI ISLANDS REGION

GRF	E Z BE	PKP	22 27 28.1			2	16450	147.9	16.4 348.9

DEC 11 ERL
H= 00 15 51.5
LAT = 1.5 S
LONG= 136.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
WEST NEW GUINEA REGION

GRF	E Z BE	PKP	00 34 24.2	1.0	1.64	2	12610	113.4	62.5 324.8

DEC 11 ERL
H= 01 34 49.6
LAT = 1.9 S
LONG= 99.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
SOUTHERN SUMATRA

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	-E Z SL	AP	01 47 57.-	1.5	2.57	9	10010	90.0	93.0	320.2
FUR	-I Z SL	-	01 48 21.-	1.5	1.59	3	10040	90.3	92.5	318.0
GRF	E Z BE	P	01 47 50.4			2	10050	90.4	92.5	319.5
	E Z BE	-	01 49 25.2			2				

DEC 11 ERL
H= 02 05 19.7
LAT = 44.7 N
LONG= 149.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.3
KURIL ISLANDS

GRF	E Z BE	P	02 17 24.0			3	8810	79.2	29.0	333.8

DEC 11 ERL
H= 05 59 56.9
LAT = 33.4 N
LONG= 140.9 E
DEPTH= 55 KM (GEOPHYSICIST)
MAGNITUDE= 4.7
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	06 12 32.1			2	9560	86.0	40.1	330.0

DEC 11 ERL
H= 08 39 40.3
LAT = 16.2 S
LONG= 177.5 W
DEPTH= 20 KM (GEOPHYSICIST)
MAGNITUDE= 4.8
FIJI ISLANDS REGION

GRF	E Z BE	PKP	08 59 20.7			3	16220	145.8	15.0	349.9

DEC 11
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	10 28 33.6			
GRF	E Z JM	PN	10 28 45.1			3
	E Z BE	PG	10 28 47.8			1
	E N BE	SG	10 29 09.4			2

DEC 11 ERL
H= 13 17 12.7
LAT = 20.3 S
LONG= 176.2 W
DEPTH=148 KM
MAGNITUDE= 4.7
FIJI ISLANDS REGION

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	PKP	13 36 46.5	0.7	1.28	4	16690	150.1	14.0	350.4
	+I Z BE	-	13 36 54.0			6				

DEC 11 ERL
H= 17 29 21.7
LAT = 33.2 N
LONG= 140.4 E
DEPTH= 67 KM
MAGNITUDE= 4.9
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	17 41 56.1			2	9560	86.0	40.6	329.7

DEC 11 ERL
H= 19 32 52.3
LAT = 44.7 N
LONG= 149.3 E
DEPTH= 45 KM (GEOPHYSICIST)
MAGNITUDE= 4.8
KURIL ISLANDS

GRF	E Z BE	P	19 44 55.7			3	8800	79.1	29.0	333.8

DEC 12 ERL
H= 00 36 04.1
LAT = 53.1 N
LONG= 160.0 E
DEPTH= 40 KM (GEOPHYSICIST)
MAGNITUDE= 4.7
NEAR EAST COAST OF KAMCHATKA

GRF	E Z BE	P	00 47 38.3			2	8250	74.2	18.9	339.6

DEC 12
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST SUPPOSED

BNS	E Z FS	PG	02 57 07.-
	E E X	SG	02 57 18.-
	E E X	-	02 57 25.-

DEC 12 ERL
H= 03 18 45.0
LAT = 16.8 S
LONG= 27.9 E
DEPTH= 10 KM (GEOPHYSICIST)
MAGNITUDE= 4.8
ZAMBIA

NOS= FELT AT LUSAKA AND AT LIVINGSTONE. FELT ALSO AT KARIBA. KAROI AND SALISBURY IN RHODESIA.

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	P	03 29 38.-	2.0	2.35	3	7380	66.4	162.6	347.9

DEC 12 ERL
H= 05 39 20.4
LAT = 22.9 S
LONG= 176.3 W
DEPTH= 70 KM (GEOPHYSICIST)
MAGNITUDE= 5.0
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	05 59 10.6			1	16970	152.6	15.1	349.4

DEC 12 ERL
H= 07 42 26.5
LAT = 71.4 N
LONG= 11.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.6
NORWEGIAN SEA

GRF	E Z BE	P	07 47 25.5			1	2420	21.8	0.1	180.1

DEC 12 ERL
H= 09 03 56.4
LAT = 44.1 N
LONG= 151.0 E
DEPTH= 38 KM
MAGNITUDE= 5.7
KURIL ISLANDS REGION

GRF	-E Z BE	P	09 16 05.4	1.0	1.90	4	8920	80.2	28.2	334.8
BNS	I Z FS	P	09 16 05.0				8920	80.2	25.5	337.7
FUR	-I Z SL	P	09 16 12.-	2.0	2.21	3				
	+I Z SL	PCP	09 16 18.-	2.0	2.27	3	9070	81.5	28.1	334.1
	+I Z SL	XP	09 16 24.-	1.3	1.89	2				
	-I Z SL	XPCP	09 16 29.-	1.5	1.73	3				
BUH	E Z GT	P	09 16 14.6				9120	82.0	26.1	336.1

DEC 12 ERL
H= 10 50 26.1
LAT = 33.3 N
LONG= 140.7 E
DEPTH= 83 KM
MAGNITUDE= 5.2
SOUTH OF HONSHU, JAPAN

GRF	-E Z BE	P	11 02 59.9	1.3	1.72	9	9570	86.0	40.4	329.8

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

DEC 12 ERL
H= 14 50 22.4
LAT = 33.4 N
LONG= 140.8 E
DEPTH= 54 KM
MAGNITUDE= 3.9
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	15 02 51.6			1	9560	86.0	40.3	329.9

DEC 12 ERL
H= 16 45 50.5
LAT = 1.9 S
LONG= 99.7 E
DEPTH= 92 KM
MAGNITUDE= 4.6
SOUTHERN SUMATRA

GRF	E Z BE	P	16 58 58.4			1	10050	90.4	92.4	319.5

DEC 12 ERL
H= 17 46 47.8
LAT = 6.5 N
LONG= 126.5 E
DEPTH= 3 KM
MAGNITUDE= 5.3
MINDANAO, PHILIPPINE ISLANDS

GRF	E Z BE	P	18 00 45.2			1	11230	101.0	66.2	323.3

DEC 12 ERL
H= 19 48 29.1
LAT = 23.4 S
LONG= 179.9 W
DEPTH=491 KM
MAGNITUDE= 4.6
SOUTH OF FIJI ISLANDS

GRF	E Z BE	PKP	20 07 41.4			2	16940	152.3	22.4	344.4

DEC 13 BCS
H= 02 58 51.0
LAT = 41.5 N
LONG= 24.1 E
GREECE-BULGARIA BORDER REGION

DEC 13 ERL
H= 02 58 51.6
LAT = 41.6 N
LONG= 24.0 E
DEPTH= 29 KM
MAGNITUDE= 4.5
GREECE-BULGARIA BORDER REGION

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
FUR	+I Z SL	P	03 01 37.-	1.8	2.00	2	1250	11.3	121.5 310.5
	-I Z SL	-	03 02 20.-	1.7	1.81	2			
	+E Z SL	-	03 05 05.-	1.5	1.36	6			
GRF	E Z BE	P	03 02 00.0			1	1350	12.2	127.4 316.6

DEC 13
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PN	09 48 04.2			1			
	E Z BE	PG	09 48 04.7			2			
	E N BE	SG	09 48 26.5			2			

DEC 14
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	00 08 35.5						

DEC 14 ERL
H= 05 03 45.5
LAT = 28.5 N
LONG= 43.7 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
NORTH ATLANTIC RIDGE

GRF	E Z BE	P	05 12 11.3			2	5170	46.4	263.9 47.2

DEC 14 ERL
H= 08 38 09.1
LAT = 19.7 S
LONG= 178.1 W
DEPTH=448 KM
MAGNITUDE= 4.8
FIJI ISLANDS REGION

GRF	E Z BE	PKP	08 57 09.0			2	16590	149.2	17.3 348.2
	E Z BE	-	08 57 14.2			2			
FUR	-I Z SL	PKP1	08 57 13.-	1.5	1.59	3	16750	150.6	18.2 347.2
	-I Z SL	PKHKP	08 57 21.-	1.5	1.59	9			

DEC 14 ERL
H= 08 41 55.3
LAT = 33.5 N
LONG= 140.4 E
DEPTH= 68 KM
MAGNITUDE= 5.2
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	08 54 28.6			3	9530	85.7	40.5 329.7

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.

DEC 14
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	10 41 58.1			1			
	E N BE	SG	10 42 21.9			2			

DEC 14
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	10 44 56.6			1			
	E N BE	SG	10 45 23.3			1			

DEC 14
NO DETERMINATION OF EPICENTER

GRF	E Z BE	-	11 31 59.5			1			
	E Z BE	PG	11 32 13.6			1			
	E N BE	SG	11 32 34.8			1			

DEC 14 ERL
H= 17 50 21.7
LAT = 38.2 N
LONG= 20.2 E
DEPTH= 10 KM (GEOPHYSICIST)
MAGNITUDE= 4.7
GREECE

DEC 14 BCS
H= 17 50 27.0
LAT = 38.0 N
LONG= 20.3 E
IONIAN SEA

FUR	-I Z SL	P	17 53 13.-	1.8	2.05	3	1320	11.9	143.8 329.9
	-I Z SL	PP	17 53 22.-	1.3	2.03	2			
	-I Z SL	-	17 53 42.-	1.5	1.59	2			
	-I Z SL	-	17 56 11.-	1.5	1.59	1			
	Z SL	RM	17 58 20.-	1.5	1.89				
GRF	E Z BE	PN	17 53 29.0			1	1470	13.2	147.5 333.7
	E Z BE	PG	17 53 46.9			2			
BUH	E Z GT	PG	17 53 45.0				1510	13.6	136.1 324.3

DEC 14 ERL
H= 20 08 06.5
LAT = 19.2 S
LONG= 168.7 E
DEPTH= 42 KM
MAGNITUDE= 4.8
NEW HEBRIDES ISLANDS

GRF	+E Z BE	PKP	20 27 38.1	1.2	1.74	3	16080	144.6	38.8 334.5

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT. EPIC.
	+I Z BE	-	20 27 50.2			5			
BNS	I Z FS	PKP	20 27 39.0				16130	145.1	31.6 339.5
	E Z FS	-	20 27 50.-						
FUR	+I Z SL	PKP1	20 27 41.-	1.8	2.26	5	16210	145.8	40.3 332.8
	-I Z SL	APKP	20 27 53.-	1.5	1.98	9			
	+I Z SL	XPKP	20 28 04.-	1.5	1.49	8			
BUH	E Z GT	PKP	20 27 44.0				16300	146.6	35.1 336.2

DEC 14 ERL
H= 20 49 34.8
LAT = 1.3 S
LONG= 89.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.4
SOUTH INDIAN OCEAN

FUR	+I Z SL	P	21 02 03.-	1.8	2.00	2	9230	83.0	99.8 318.7
	-I Z SL	AP	21 02 11.-	1.8	2.20	9			
	+I Z SL	XPCP	21 02 20.-	1.5	2.84	5			
GRF	-E Z BE	P	21 02 00.2			2	9260	83.3	99.9 320.2
	-E Z BE	-	21 02 10.8			9			
BUH	E Z GT	P	21 02 09.0				9460	85.1	97.5 318.9
BNS	E Z FS	P	21 02 22.-				9570	86.1	96.9 321.1
	E Z FS	-	21 02 31.5						

DEC 15 ERL
H= 01 51 58.3
LAT = 33.2 N
LONG= 140.8 E
DEPTH= 54 KM
MAGNITUDE= 5.1
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	02 04 36.6			2	9580	86.1	40.3 329.9

DEC 15 ERL
H= 06 15 20.1
LAT = 33.3 N
LONG= 141.3 E
DEPTH= 35 KM
MAGNITUDE= 5.2
OFF EAST COAST OF HONSHU, JAPAN

GRF	+E Z BE	P	06 27 59.5	1.5	2.12	3	9590	86.3	39.9 330.1

DEC 15
NO DETERMINATION OF EPICENTER

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT. EPIC.
FUR	-E Z SL	-	11 38 48.-	1.8	1.78	2			
	+E Z SL	-	11 39 43.-	1.5	1.28	1			
	+E Z SL	-	11 40 04.-	1.8	1.85	1			
GRF	E Z BE	PG	11 39 10.5			1			
	E N BE	SG	11 39 46.5			1			

DEC 15
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	13 47 09.-	1.9	1.83	2			
	-I Z SL	-	13 47 23.-	1.8	2.00	3			
	-I Z SL	-	13 47 36.-	1.5	1.59	5			

DEC 15 ERL
H= 14 41 31.9
LAT = 44.6 N
LONG= 149.4 E
DEPTH= 40 KM
MAGNITUDE= 4.7
KURIL ISLANDS

GRF	E Z BE	P	14 53 35.6	1.1	1.61	2	8810	79.2	29.0 333.9

DEC 15
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST SUPPOSED

BNS	E Z FS	PG	15 13 30.0						
	E N X	SG	15 13 34.0						

DEC 15 ERL
H= 17 55 46.5
LAT = 35.2 N
LONG= 27.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
DODECANESE ISLANDS

GRF	E Z BE	P	17 59 55.8			1	2070	18.5	134.9 325.8

DEC 15
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	19 52 15.4						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 15 ERL H= 19 54 48.2 LAT = 82.7 N LONG= 4.8 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 NORTH OF SVALBARD										
GRF	E Z BE	P	20 01 25.6	1.0	1.34	2	3720	33.5	356.3	161.0
DEC 16 ERL H= 02 22 29.8 LAT = 32.6 N LONG= 141.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	02 35 13.0			1	9670	86.9	40.3	330.2
DEC 16 ERL H= 04 05 49.2 LAT = 17.8 S LONG= 178.6 W DEPTH=557 KM MAGNITUDE= 5.0 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	04 24 34.4			1	16370	147.3	17.4	348.2
DEC 16 ERL H= 04 49 03.2 LAT = 51.6 N LONG= 175.3 E DEPTH= 41 KM MAGNITUDE= 4.9 RAT ISLANDS, ALEUTIAN ISLANDS										
GRF	E Z BE	P	05 01 14.8			1	8690	78.2	10.1	349.5
DEC 16 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	08 33 55.7			3				
DEC 16 ERL H= 11 30 18.6 LAT = 7.0 S LONG= 155.8 E DEPTH= 79 KM MAGNITUDE= 5.8 SOLOMON ISLANDS										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	-I Z SL	PKP1	11 49 17.-	1.5	2.34	9	14160	127.4	47.4	331.6
GRF	+I Z BE	PKP	11 49 17.6	1.0	1.80	5	14240	128.1	47.0	331.4
	E Z BE	PP	11 51 21.5			2				
BNS	-I Z FS	PKP	11 49 19.5	1.5	2.04		14340	129.0	41.7	334.9
	E Z FS	-	11 49 35.5							
FUR	-I Z SL	PKP1	11 49 20.-	1.5	2.19	9	14350	129.1	48.0	329.9
	-I Z SL	-	11 49 30.-	1.5	1.59	3				
	+I Z SL	XPKP	11 49 53.-	1.5	1.49	2				
STU	+E Z BE	PKP	11 49 20.3	1.5	2.58	2	14420	129.7	45.3	331.7
BUH	E Z GT	PKP	11 49 21.5				14480	130.2	44.2	332.2
DEC 16 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	11 52 40.7							
DEC 16 NO DETERMINATION OF EPICENTER										
FUR	+E Z SL	-	12 02 10.-	2.0	2.00	1				
	-E Z SL	-	12 02 20.-	1.8	1.85	1				
GRF	E Z BE	P	12 02 28.5			1				
DEC 16 ERL H= 16 23 58.2 LAT = 16.7 S LONG= 171.7 W DEPTH= 63 KM MAGNITUDE= 5.0 SAMOA ISLANDS REGION										
BNS	+I Z FS	PKP	16 43 31.8	1.2	1.78		16210	145.8	358.1	1.3
	I Z FS	-	16 43 40.8							
GRF	E Z BE	PKP	16 43 35.1	1.4	2.00	1	16340	147.0	5.1	356.5
BUH	E Z GT	PKP	16 43 38.9				16470	148.1	359.9	0.1
FUR	-I Z SL	PKP1	16 43 40.-	1.5	1.59	3	16510	148.5	5.5	356.2
DEC 16 ERL H= 20 28 39.4 LAT = 23.8 S LONG= 175.7 W DEPTH= 59 KM MAGNITUDE= 4.8 TONGA ISLANDS REGION										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	PKP	20 48 46.6			2	17070	153.5	14.4	349.8

DEC 16
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	22 55 38.4			2				

DEC 16 ERL
H= 23 00 00.0
LAT = 85.6 N
LONG= 85.1 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.4
NORTH OF SEVERNAYA ZEMLYA

GRF	E Z BE	P	23 07 28.8			2	4390	39.5	6.7	259.0

DEC 17 ERL
H= 00 18 33.7
LAT = 44.7 N
LONG= 149.2 E
DEPTH= 50 KM
MAGNITUDE= 5.7
KURIL ISLANDS

HLG	Z SL	P	00 30 00.-			3	8460	76.1	27.3	337.8
HOF	+I Z SL	P	00 30 32.-	3.0	3.50	9	8710	78.4	29.6	333.7
	-E Z SL	PCP	00 30 42.-	1.5	2.50	2				
	+I Z SL	XP	00 30 48.-	3.8	3.62	9				
	Z SL	RM	01 09 30.-	19.0	4.50					
GRF	+I Z BE	P	00 30 36.2	1.1	2.38	9	8800	79.1	29.1	333.7
BNS	+I Z FS	P	00 30 35.8	1.2	2.08		8810	79.2	26.5	336.7
	+I Z FS	-	00 30 52.0							
	E Z SL	SP	00 41 35.-							
	E Z SL	LR	00 56 00.-	60.0						
	Z SL	-	01 10 00.-	18.0						
FUR	+I Z SL	P	00 30 44.-	1.5	2.16	9	8940	80.4	29.0	332.9
	-I Z SL	XPCP	00 31 08.-	1.8	2.54	5				
	Z SL	RM	01 11 00.-	16.0	4.25					
STU	+E Z BE	P	00 30 43.0	1.0	2.22	4	8960	80.5	27.7	334.5
BUH	E Z GT	P	00 30 45.4				9000	80.9	27.0	335.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

DEC 17 ERL
H= 00 32 22.8
LAT = 44.7 N
LONG= 149.3 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
KURIL ISLANDS

GRF	E Z BE	P	00 44 26.8	0.9	1.19	2	8800	79.2	29.0	333.8

DEC 17
NO DETERMINATION OF EPICENTER

GRF	-E Z BE	P	00 53 30.9			2				

DEC 17 ERL
H= 01 18 16.6
LAT = 44.8 N
LONG= 149.2 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
KURIL ISLANDS

GRF	-E Z BE	P	01 30 20.9	1.0	1.60	2	8790	79.0	29.0	333.7

DEC 17 ERL
H= 01 26 04.3
LAT = 44.7 N
LONG= 149.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.8
KURIL ISLANDS

GRF	E Z BE	P	01 38 09.2			3	8810	79.2	29.0	333.8

DEC 17
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	01 34 46.0			2				

DEC 17
NO DETERMINATION OF EPICENTER

FUR	+E Z SL	-	02 30 02.-	1.5	1.28	1				
	-I Z SL	-	02 30 16.-	1.5	1.54	2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 17 ERL H= 03 45 51.5 LAT = 33.4 N LONG= 139.5 E DEPTH=153 KM MAGNITUDE= 4.3 SOUTH OF HONSHU, JAPAN										
GRF	E Z BE	P	03 58 34.7			1	9500	85.5	41.2	329.2
DEC 17 ERL H= 05 45 57.7 LAT = 44.7 N LONG= 149.3 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 KURIL ISLANDS										
GRF	E Z BE	P	05 58 01.5			1	8800	79.2	29.1	333.8
DEC 17 ERL H= 06 24 51.9 LAT = 44.6 N LONG= 149.4 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 KURIL ISLANDS										
GRF	+E Z BE	P	06 36 56.5	1.0	1.66	3	8810	79.2	29.0	333.8
DEC 17 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	07 42 50.7			2				
DEC 17 ERL H= 08 38 26.3 LAT = 33.7 S LONG= 179.8 W DEPTH= 44 KM SOUTH OF KERMADEC ISLANDS										
GRF	E Z BE	PKP2	08 59 08.6			1	18020	162.0	31.2	336.2
DEC 17 ERL H= 12 44 30.3 LAT = 34.3 N LONG= 26.2 E DEPTH= 35 KM MAGNITUDE= 4.7 CRETE										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 17 BCS H= 12 44 33.0 LAT = 34.2 N LONG= 26.3 E DEPTH= 45 KM EASTERN MEDITERRANEAN SEA										
FUR	+I Z SL	P	12 48 36.-	1.9	2.37	4	1980	17.8	135.8	325.7
	-I Z SL	PP	12 48 47.-	1.5	1.59	3				
	-I Z SL	PPP	12 48 56.-	1.9	2.00	2				
GRF	E Z BE	P	12 48 50.7	1.7	2.22	2	2110	19.0	138.8	328.9
BUH	E Z GT	P	12 48 58.1				2180	19.6	130.6	322.6
BNS	I Z FS	P	12 49 19.5	1.5	1.90		2410	21.7	133.1	326.1
	E Z FS	-	12 49 44.8							
DEC 17 ERL H= 14 11 34.1 LAT = 22.4 S LONG= 171.6 E DEPTH= 37 KM MAGNITUDE= 4.9 LOYALTY ISLANDS REGION										
GRF	E Z BE	PKP	14 31 42.4			1	16530	148.6	36.7	335.2
FUR	+E Z SL	-	14 31 24.-	1.9	1.83	6	16660	149.8	38.3	333.4
	+I Z SL	PKP2	14 31 31.-	1.8	1.90	8				
	+I Z SL	XPKP	14 31 44.-	1.8	1.85	4				
DEC 17 ERL H= 18 00 50.2 LAT = 5.5 S LONG= 153.2 E DEPTH= 44 KM MAGNITUDE= 5.5 NEW IRELAND REGION										
GRF	+E Z BE	PKP	18 19 49.5			3	13960	125.6	48.9	330.6
STU	+E Z BE	PKP	18 19 52.2	1.0	1.54	5	14140	127.2	47.2	330.8
BUH	E Z GT	PKP	18 19 53.0				14200	127.7	46.2	331.3
DEC 17 ERL H= 18 46 10.0 LAT = 1.2 S LONG= 16.1 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.9 NORTH OF ASCENSION ISLAND										

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	+I Z SL	P	18 55 37.-	2.0	2.10	5	6080	54.7	214.3	22.2

DEC 17 ERL
H= 20 53 02.9
LAT = 1.4 S
LONG= 16.0 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.1
NORTH OF ASCENSION ISLAND

BUH	E Z GT	P	21 02 26.0				6020	54.1	210.4	19.6
FUR	-I Z SL	P	21 02 36.-	1.5	1.73	9	6090	54.8	214.1	22.0
	-I Z SL	AP	21 02 40.-	1.9	2.22	2				
	-I Z SL	-	21 02 46.-	2.0	2.30	2				
	+I Z SL	-	21 02 51.-	1.5	1.81	2				
	-I Z SL	-	21 03 09.-	1.7	2.21	5				
	-I Z SL	PCP	21 03 26.-	2.0	2.30	3				
	+I Z SL	PP	21 04 31.-	3.0	2.78	5				
GRF	E Z BE	P	21 02 43.7			1	6230	56.0	213.4	21.0

DEC 17 ERL
H= 23 53 01.3
LAT = 34.2 N
LONG= 141.4 E
DEPTH= 42 KM
MAGNITUDE= 4.6
OFF EAST COAST OF HONSHU, JAPAN

GRF	E Z BE	P	00 05 36.6			1	9520	85.6	39.4	330.2

DEC 18 ERL
H= 01 18 54.2
LAT = 16.6 S
LONG= 28.1 E
DEPTH= 2 KM
MAGNITUDE= 5.2
ZAMBIA

FUR	+E Z SL	P	01 29 46.-	1.5	1.62	2	7360	66.2	162.3	347.8
BUH	E Z GT	P	01 29 51.0				7490	67.4	159.3	345.9
KRL	+E Z ST	P	01 29 52.1	2.5		2	7520	67.6	159.5	346.1
GRF	E Z BE	P	01 29 54.7	0.8	1.49	3	7530	67.7	162.5	348.2

DEC 18
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	01 25 28.1			1				

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

DEC 18
NO DETERMINATION OF EPICENTER

BNS	I Z FS	PG	06 16 49.5							
	I Z FS	SG	06 16 53.0	0.5	1.30					

DEC 18 ERL
H= 06 53 39.6
LAT = 22.2 S
LONG= 179.8 W
DEPTH=591 KM
MAGNITUDE= 5.4
SOUTH OF FIJI ISLANDS

BNS	+I Z FS	PKP	07 12 27.5	1.0	2.23		16770	150.8	13.4	350.9
	I Z FS	-	07 12 38.5							
	E Z FS	-	07 14 46.5							
GRF	+E Z BE	PKP	07 12 21.5			2	16820	151.3	21.6	345.0
	+I Z BF	-	07 12 28.8			9				
	-I Z BE	-	07 12 40.3			9				
STU	E Z BE	PKP	07 12 23.0	1.0	2.10	2	16970	152.6	18.4	347.0
	E Z BE	-	07 12 31.0	1.0	2.27	4				
	-E Z BE	-	07 12 44.8	1.0	2.24	4				
FUR	-I Z SL	PKP1	07 12 24.-	1.5	1.76	3	16980	152.7	22.9	343.7
	+I Z SL	PKHKP	07 12 32.-	1.5	1.96	9				
	+I Z SL	PKP2	07 12 46.-	1.5	2.33	9				
BUH	E Z GT	PKP	07 12 23.8				17000	152.9	16.5	348.3
	E Z GT	PKP	07 12 32.2							
	E Z GT	PKP	07 12 46.5							

DEC 18
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	10 47 13.5							

DEC 18
NO DETERMINATION OF EPICENTER

BNS	I N X	SG	11 04 35.4							

DEC 18 ERL
H= 13 57 03.8
LAT = 1.8 S
LONG= 99.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.6
SOUTHERN SUMATRA

FUR	-I Z SL	P	14 10 03.-	2.0	2.21	3	10040	90.3	92.4	318.0
	-I Z SL	XP	14 10 17.-	1.6	1.74	2				

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
GRF	E Z BE	P	14 10 03.8	1.5	2.26	2	10050	90.4	92.4	319.5
	-E Z BE	-	14 10 17.7			4				
	+E Z BE	-	14 10 33.9			9				
	E Z BE	-	14 10 42.5			2				
BUH	E Z GT	P	14 10 12.6				10260	92.3	90.1	318.5

DEC 19 ERL
H= 06 00 25.7
LAT = 33.2 N
LONG= 140.9 E
DEPTH= 36 KM
MAGNITUDE= 4.2
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	06 13 09.0			1	9580	86.2	40.3	330.0

DEC 19
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	06 59 36.0							

DEC 19 ERL
H= 10 33 49.0
LAT = 52.0 N
LONG= 169.7 W
DEPTH= 44 KM
MAGNITUDE= 5.0
FOX ISLANDS, ALEUTIAN ISLANDS

GRF	+E Z BE	P	10 45 48.9	1.0	1.55	3	8750	78.6	0.5	359.4

DEC 19
NO DETERMINATION OF EPICENTER

GRF	E Z JM	PG	10 48 04.3			1				
	E Z BE	-	10 48 09.7			2				
	E N BE	SG	10 48 31.6			1				

DEC 19
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	15 42 14.6			1				
	E Z BE	-	15 42 23.1			1				
	E Z BE	PG	15 42 41.7			2				
	E N BE	-	15 42 59.0			2				
	E N BE	SG	15 44 00.3			1				
FUR	-I Z SL	-	15 43 03.-	1.9	1.95	8				
	-E Z SL	-	15 43 28.-	1.7	1.81	8				

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.

DEC 19
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PG	16 07 25.5			1				
	E N BE	SG	16 07 59.5			2				

DEC 19 ERL
H= 19 34 31.4
LAT = 35.5 N
LONG= 27.8 E
DEPTH= 54 KM
MAGNITUDE= 4.6
DODECANESE ISLANDS

DEC 19 BCS
H= 19 34 33.0
LAT = 35.2 N
LONG= 27.7 E
DEPTH= 45 KM
EASTERN MEDITERRANEAN SEA

FUR	-I Z SL	P	19 38 34.-	1.5	1.43	7	1960	17.6	129.9	321.0
	-I Z SL	XP	19 38 46.-	1.8	2.00	3				
	-I Z SL	PP	19 38 49.-	1.9	2.22	5				
GRF	-E Z BE	P	19 38 46.7	0.6	1.23	3	2080	18.7	133.3	324.6
BUH	E Z GT	P	19 38 55.5				2170	19.6	125.2	318.4
BNS	E Z FS	-	19 39 14.-				2390	21.5	128.2	322.5
	E Z FS	-	19 39 22.-							
	E Z FS	-	19 39 28.-							

DEC 19 ERL
H= 23 04 38.3
LAT = 52.2 N
LONG= 169.6 W
DEPTH= 14 KM
MAGNITUDE= 4.5
FOX ISLANDS, ALEUTIAN ISLANDS

GRF	E Z BE	P	23 16 41.8			1	8730	78.5	0.5	359.5

DEC 19 ERL
H= 23 14 42.4
LAT = 33.4 N
LONG= 140.5 E
DEPTH= 61 KM
MAGNITUDE= 4.6
SOUTH OF HONSHU, JAPAN

GRF	E Z BE	P	23 27 16.8			2	9550	85.9	40.5	329.7

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 19 ERL H= 23 56 51.0 LAT = 34.2 N LONG= 141.5 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 OFF EAST COAST OF HONSHU, JAPAN										
GRF	E Z BE	P	00 09 33.8			1	9520	85.6	39.3	330.2
DEC 20 ERL H= 11 01 30.0 LAT = 60.0 S LONG= 27.8 W DEPTH=140 KM (GEOPHYSICIST) MAGNITUDE= 4.6 SOUTH SANDWICH ISLANDS REGION										
GRF	E Z BE	PP	11 20 47.6			2	12660	113.8	200.3	26.6
DEC 20 ERL H= 17 53 19.4 LAT = 21.7 S LONG= 179.6 W DEPTH=612 KM MAGNITUDE= 5.4 FIJI ISLANDS REGION										
BNS	+I Z FS	PKP	18 12 04.0	0.8	2.08		16720	150.4	12.9	351.3
	E Z FS	-	18 14 24.5							
GRF	+I Z BE	PKP	18 12 05.5	0.7	1.71	9	16770	150.8	21.0	345.5
	-I Z BE	-	18 12 16.2			9				
	E Z BE	APKP	18 14 25.6			3				
BUH	E Z GT	PKP	18 12 00.5				16950	152.4	15.9	348.7
DEC 20 ERL H= 18 57 32.3 LAT = 21.8 S LONG= 179.8 W DEPTH=645 KM MAGNITUDE= 4.9 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	19 16 15.8			2	16770	150.8	21.3	345.3
	+E Z BE	-	19 16 26.7			2				

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 20 ERL H= 21 12 22.1 LAT = 22.4 S LONG= 179.4 E DEPTH=567 KM MAGNITUDE= 4.5 SOUTH OF FIJI ISLANDS										
GRF	E Z BE	PKP	21 31 12.3			2	16810	151.2	23.1	344.0
DEC 20 ERL H= 22 42 50.8 LAT = 8.6 N LONG= 126.0 E DEPTH= 47 KM MAGNITUDE= 5.3 MINDANAO, PHILIPPINE ISLANDS										
GRF	E Z BE	P	22 56 28.6			1	11010	99.0	65.4	323.4
DEC 21 ERL H= 01 06 22.6 LAT = 21.8 S LONG= 178.9 W DEPTH=587 KM MAGNITUDE= 4.7 FIJI ISLANDS REGION										
GRF	E Z BE	PKP	01 25 10.9			1	16790	151.0	19.7	346.4
	E Z BE	-	01 25 21.1			2				
DEC 21 NO DETERMINATION OF EPICENTER										
FUR	-I Z SL	-	09 50 52.-	2.0	2.18	2				
	+I Z SL	-	09 51 14.-	1.5	1.66	4				
DEC 21 ERL H= 09 52 36.8 LAT = 9.2 N LONG= 123.9 E DEPTH=565 KM MAGNITUDE= 5.2 NEGROS, PHILIPPINE ISLANDS										
GRF	-E Z BE	P	10 05 11.2			2	10820	97.3	66.6	322.9
DEC 21 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	10 00 22.3			1				
	E N BE	SG	10 00 59.0			1				

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

DEC 21
NO DETERMINATION OF EPICENTER

BUH E Z GT PN 12 12 42.7

DEC 21 ERL
H= 13 03 16.0
LAT = 17.0 N
LONG= 100.4 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.1
GUERRERO, MEXICO

FUR +I Z SL - 13 16 44.- 1.8 2.00 9 10140 91.2 297.2 38.5

DEC 21 ERL
H= 20 15 00.2
LAT = 37.1 N
LONG= 116.1 W
DEPTH= 0 KM
MAGNITUDE= 5.0
SOUTHERN NEVADA

NOS= 37 DEG. 08 MIN. 23.8 SEC. N, 116 DEG. 04 MIN. 59.7 SEC. W,
NEVADA TEST SITE. MAG. 4.8 (BRK). MPV= 5.7 (BNS)

GRF E Z BE P 20 27 22.1 2 9100 81.8 320.0 31.5

DEC 22
NO DETERMINATION OF EPICENTER

FUR -I Z SL P 00 36 04.- 1.5 1.73 9
+I Z SL - 00 36 24.- 1.8 2.18 2
Z SL MAXIMUM 00 38 27.- 1.5 2.02

BUH E Z GT P 00 36 11.1

GRF E Z BE P 00 36 15.0 1
E N BE S 00 37 29.0 2

DEC 22
NO DETERMINATION OF EPICENTER

BUH E Z GT PG 00 48 27.9

DEC 22 ERL
H= 01 04 56.4
LAT = 23.2 N
LONG= 120.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
TAIWAN

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

GRF E Z BE P 01 17 28.3 2 9380 84.4 60.7 322.0

DEC 22
NO DETERMINATION OF EPICENTER

GRF E Z BE P 01 13 23.2 1

DEC 22
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST SUPPOSED

BNS E Z FS PG 02 59 02.7
E Z FS SG 02 59 12.4
E Z FS - 02 59 18.0 1.2 2.26

DEC 22 ERL
H= 08 21 39.7
LAT = 18.2 S
LONG= 175.5 W
DEPTH=250 KM (GEOPHYSICIST)
MAGNITUDE= 4.4
TONGA ISLANDS

GRF E Z BE PKP 08 41 01.3 2 16470 148.1 12.2 351.7

DEC 22 ERL
H= 08 38 22.9
LAT = 33.5 N
LONG= 140.9 E
DEPTH= 64 KM
MAGNITUDE= 4.9
SOUTH OF HONSHU, JAPAN

GRF E Z BE P 08 50 57.8 1 9560 85.9 40.2 329.9

DEC 22 ERL
H= 08 53 46.8
LAT = 17.4 S
LONG= 172.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
TONGA ISLANDS REGION

GRF E Z BE PKP 09 13 31.6 2 15410 147.6 5.8 355.4

BUH E Z GT PKP 09 13 34.0 16540 148.8 1.5 358.9

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 22 ERL										
H= 08 55 10.9										
LAT = 7.2 S										
LONG= 127.7 E										
DEPTH=108 KM										
MAGNITUDE= 6.0										
BANDA SEA										
BNS	E Z FS	PKP	09 13 30.0	1.9	1.85		12740	114.5	70.0	323.2
DEC 22										
NO DETERMINATION OF EPICENTER										
BNS	E Z FS	P	10 45 06.0							
DEC 22										
NO DETERMINATION OF EPICENTER										
GRF	I Z BE	PG	10 52 40.8			4				
	E N BE	SG	10 53 03.0			2				
DEC 22										
NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 04 04.0			3				
	E N BE	SG	11 04 18.7			2				
DEC 22 ERL										
H= 12 19 00.1										
LAT = 55.4 S										
LONG= 28.2 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.8										
SOUTH SANDWICH ISLANDS REGION										
BUH	E Z GT	PKP	12 37 31.0				12020	108.1	200.9	24.4
FUR	+I Z SL	PKP1	12 37 51.-	1.5	1.59	2	12050	108.4	202.5	26.6
	+I Z SL	PP	12 38 24.-	1.5	1.36	6				
	Z SL	QM	13 16 30.-	23.0	4.46					
GRF	E Z BE	P	12 33 37.-			2	12210	109.8	202.6	26.0
	E Z BE	PKIKP	12 36 51.0			1				
	E Z BE	-	12 37 15.2			1				
	E Z BE	PKP	12 37 52.6			3				
	E Z BE	PS	12 48 32.9			2				
BNS	E Z SL	P	12 33 30.-				12230	110.0	200.6	22.9
	E Z FS	PKP	12 37 13.-							
	E Z FS	PP	12 37 57.5	3.4	2.58					
	I Z SL	SP	12 47 32.-							
	E Z SL	-	12 53 38.-							
	E Z SL	LR	13 11 16.-	44.0						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	-E Z SL	PKP1	12 37 50.-	5.0	3.18	5	12290	110.5	203.1	26.1
	+I Z SL	PP	12 38 16.-	7.0	3.32	5				
	-E Z SL	SP	12 47 38.-	14.0	4.15	9				
	Z SL	QM	13 16 00.-	25.0	4.63					
DEC 22										
NO DETERMINATION OF EPICENTER										
BNS= EXPLOSION SUPPOSED										
BNS	E Z FS	PG	12 51 36.0							
	E Z FS	SG	12 51 41.4							
	E Z FS	-	12 51 46.-							
DEC 22										
NO DETERMINATION OF EPICENTER										
BNS= LOCAL. H= 13 13 44.										
BNS	I Z FS	PG	13 13 47.5							
	I N X	SG	13 13 50.4	0.8	2.64					
DEC 22 ERL										
H= 16 22 08.9										
LAT = 16.0 S										
LONG= 172.4 W										
DEPTH= 33 KM (NORMAL)										
MAGNITUDE= 5.7										
SAMOA ISLANDS REGION										
BNS	-I Z FS	PKP	16 41 42.9	2.2	2.60		16140	145.1	359.3	0.5
HOF	-I Z SL	PKP1	16 41 46.-	2.0	2.91	9	16190	145.6	7.3	355.1
	+I Z SL	-	16 41 55.-	2.0	2.81	9				
	-I Z SL	-	16 42 07.-	2.0	2.51	9				
GRF	E Z BE	PKP	16 41 47.6	2.2	3.02	3	16260	146.3	6.3	355.8
	E Z BE	-	16 42 11.1			6				
KRL	+E Z ST	PKP	16 41 51.0	2.8		2	16350	147.1	1.5	359.0
STU	E Z BE	PKP	16 41 51.0	1.6	2.40	4	16380	147.3	2.9	358.0
	E N SL	SSS	16 53 56.0	20.0	3.63	2				
BUH	E Z GT	PKP	16 41 51.7				16390	147.4	1.1	359.2
FUR	+I Z SL	PKP1	16 41 51.-	1.8	2.08	2	16430	147.8	5.7	355.4
	+I Z SL	PKHKP	16 41 53.-	2.0	2.84	5				
	-I Z SL	XPKP	16 42 04.-	1.6	2.00	5				
	-I Z SL	APKP	16 42 07.-	2.0	2.44	2				
	-I Z SL	XPKP	16 42 12.-	1.5	1.76	5				
	-I Z SL	-	16 42 20.-	2.0	2.83	3				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 22 ERL H= 16 40 45.6 LAT = 48.3 N LONG= 146.3 E DEPTH=446 KM MAGNITUDE= 4.1 SEA OF OKHOTSK										
GRF	E Z BE	P	16 51 41.3			1	8330	75.0	29.2	331.6
DEC 22 ERL H= 17 08 04.2 LAT = 16.0 S LONG= 172.8 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 SAMOA ISLANDS REGION										
GRF	E Z BE	PKP	17 28 05.2			2	16260	146.2	7.0	355.3
DEC 22 ERL H= 18 40 29.7 LAT = 16.4 S LONG= 172.4 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.1 SAMOA ISLANDS REGION										
BNS	I Z FS	PKP	19 00 06.0	1.4	1.70		16180	145.5	359.4	0.4
	E Z FS	-	19 00 17.0							
GRF	-E Z BE	PKP	19 00 09.6	1.6	2.04	1	16310	146.7	6.4	355.7
	E Z BE	-	19 01 13.6			3				
BUH	E Z GT	PKP	19 00 13.8				16440	147.8	1.2	359.2
FUR	-I Z SL	PKP1	19 00 15.-	1.6	1.98	6	16480	148.2	5.8	355.3
	-I Z SL	PKP2	19 00 26.-	2.0	2.21	7				
	-I Z SL	XPKP	19 00 30.-	1.3	2.03	3				
	-I Z SL	XPKP	19 00 38.-	1.3	1.89	2				
DEC 22 ERL H= 19 54 02.5 LAT = 16.1 S LONG= 172.6 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 SAMOA ISLANDS REGION										
BNS	+I Z FS	PKP	20 13 39.0	2.0	1.78		16150	145.3	359.6	0.2
GRF	E Z BE	PKP	20 13 43.3			3	16280	146.4	5.6	355.5
FUR	+I Z SL	PKP1	20 13 49.-	1.8	1.95	2	16450	147.9	7.0	355.1
	-I Z SL	PKP2	20 13 58.-	2.0	2.10	1				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	-I Z SL	APKP	20 14 07.-	1.8	2.11	4				
	-I Z SL	XPKP	20 14 12.-	2.0	2.10	2				
DEC 23 ERL H= 02 17 40.9 LAT = 51.3 N LONG= 179.1 E DEPTH= 45 KM MAGNITUDE= 5.2 RAT ISLANDS, ALEUTIAN ISLANDS										
GRF	-E Z BE	P	02 29 41.2			2	8770	78.9	7.7	352.0
BUH	E Z GT	P	02 29 47.5				8910	80.1	5.8	353.9
DEC 23 ERL H= 06 29 42.5 LAT = 12.4 N LONG= 86.1 W DEPTH= 5 KM (GEOPHYSICIST) MAGNITUDE= 5.6 NICARAGUA NOS= NUMBER OF DEAD ESTIMATED TO BE FROM 4000 TO 6000, THOUSANDS INJURED PRELIMINARY ESTIMATES INDICATE APPROXIMATELY $ 800 000 000 DAMAGES IN MANAGUA. MAG. 6.2 (PAS), 6.5 (BPK).											
BNS	+E Z FS	P	06 42 08.8	1.6	1.90		9180	82.6	280.3	39.5
	E Z FS	-	06 42 43.-							
	E Z SL	LR	07 04 00.-							
	Z SL	-	07 17 00.-	19.0						
BUH	-E Z GT	P	06 42 13.0				9300	83.7	281.4	41.7
KRL	+E Z ST	P	06 42 15.4	1.5		2	9310	83.7	281.5	41.3
STU	E Z BE	P	06 42 16.4	1.6	2.03	2	9370	84.3	282.1	41.5
GRF	+E Z BE	P	06 42 22.3			4	9490	85.4	283.5	40.3
	E Z BE	-	06 42 25.1			2				
	E Z BE	-	06 42 41.2			3				
	E Z BE	-	06 42 58.3			2				
FUR	+I Z SL	P	06 42 25.-	1.6	1.60	8	9540	85.8	283.7	41.7
	-I Z SL	-	06 42 40.-	2.0	2.18	9				
	Z SL	RM	07 24 00.-	38.0	5.20					
DEC 23 ERL H= 07 19 49.0 LAT = 12.0 N LONG= 86.2 W DEPTH= 5 KM (GEOPHYSICIST) MAGNITUDE= 5.2 NICARAGUA										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	E Z BE	P	07 32 30.5			2	9530	85.7	283.3	40.2

DEC 23
NO DETERMINATION OF EPICENTER

BNS	E Z FS	P	07 52 17.0							

DEC 24 BCS
H= 08 12 06.0
LAT = 44.6 N
LONG= 10.1 E
NORTHERN ITALY

STU	E Z BE	P	08 13 23.0	0.7	1.80	1	470	4.2	171.2	351.8
	E N BE	S	08 13 56.2	0.5	1.94	3				
BUH	E Z GT	PN	08 13 09.5				480	4.3	161.8	343.1
KRL	-E Z ST	PG	08 13 30.4	0.9		2	510	4.6	164.7	345.9
GRF	E Z JM	PN	08 13 21.0			1	570	5.2	188.9	8.1
	E Z BE	PG	08 13 42.8			2				
	E N BE	SG	08 14 52.7			2				

DEC 24
NO DETERMINATION OF EPICENTER

GRF	E Z BE	PN	12 57 32.5			1				
	E Z BE	PG	12 57 53.5			2				
	E N BE	SG	12 59 02.5			1				
FUR	+I Z SL	-	12 59 24.-	2.0	2.05	9				

DEC 24 BCS
H= 17 34 54.0
LAT = 44.6 N
LONG= 10.1 E
NORTHERN ITALY

FUR	+I Z SL	SG	17 36 52.-	1.7	1.61	1	410	3.7	193.3	12.4
	Z SL	MAXIMUM	17 37 30.-	2.0	2.10					
BUH	E Z GT	PN	17 35 58.0				480	4.3	161.8	343.1
GRF	E Z BE	PG	17 36 31.5			1	570	5.2	188.9	8.1
	E N BE	SG	17 37 42.0			2				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

DEC 24 ERL
H= 20 31 01.2
LAT = 52.6 S
LONG= 159.6 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 5.3
MACQUARIE ISLANDS REGION

GRF	E Z BE	PKP	20 51 41.5			1	17790	160.0	110.4	274.5

DEC 24 ERL
H= 22 58 40.6
LAT = 20.7 S
LONG= 168.7 E
DEPTH= 33 KM (NORMAL)
LOYALTY ISLANDS

GRF	E Z BE	PKP	23 18 18.4			1	16230	146.0	39.8	333.6

DEC 25 ERL
H= 03 32 45.0
LAT = 14.5 S
LONG= 167.8 E
DEPTH= 26 KM
MAGNITUDE= 5.6
NEW HEBRIDES ISLANDS

GRF	E Z BE	PKP	03 52 08.6			1	15580	140.1	36.8	336.3
	E Z BE	PP	03 55 10.8			1				
FUR	-I Z SL	PKP1	03 52 11.-	1.6	1.70	5	15710	141.3	38.0	334.8
	+I Z SL	-	03 52 16.-	1.9	2.32	2				

DEC 25
NO DETERMINATION OF EPICENTER

GRF	E Z BE	P	04 35 57.5			2				

DEC 25 ERL
H= 09 14 03.8
LAT = 40.6 N
LONG= 27.4 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 3.7
TURKEY

GRF	E Z BE	P	09 17 38.6			1	1620	14.5	122.5	313.9

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 25 ERL H= 12 30 52.6 LAT = 53.1 N LONG= 162.9 E DEPTH= 40 KM MAGNITUDE= 4.8 OFF EAST COAST OF KAMCHATKA										
GRF	E Z BE	P	12 42 31.8			2	8320	74.8	17.2	341.4
DEC 25 ERL H= 12 53 16.4 LAT = 45.8 N LONG= 26.7 E DEPTH=132 KM MAGNITUDE= 4.3 RUMANIA										
DEC 25 BCS H= 12 53 20.0 LAT = 45.5 N LONG= 26.5 E DEPTH=200 KM RUMANIA										
GRF	E Z BE	P	12 55 53.0			1	1240	11.1	104.5	296.8
DEC 25 ERL H= 12 55 52.3 LAT = 45.5 N LONG= 149.8 E DEPTH= 50 KM MAGNITUDE= 4.7 KURIL ISLANDS										
GRF	E Z BE	P	13 07 50.9			2	8740	78.5	28.3	334.1
DEC 25 ERL H= 13 50 59.3 LAT = 31.0 S LONG= 179.8 E DEPTH=401 KM MAGNITUDE= 4.6 KERMADEC ISLANDS REGION										
GRF	E Z BE	PKP	14 10 52.5			3	17730	159.4	28.8	338.6

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 25 ERL H= 18 55 58.1 LAT = 53.0 N LONG= 159.4 E DEPTH= 52 KM MAGNITUDE= 5.7 NEAR EAST COAST OF KAMCHATKA										
HOF	+I Z SL	P	19 07 26.-	1.5	2.73	9	8170	73.5	19.8	338.9
	+I Z SL	PCP	19 07 42.-	2.0	2.91	3				
	+I Z SL	APCP	19 07 48.-	4.0	3.41	4				
BNS	+I Z FS	P	19 07 28.5	1.4	2.36		8200	73.8	17.1	342.1
	I Z FS	-	19 07 49.5							
	E Z SL	LR	19 31 55.-	46.0						
	Z SL	-	19 44 00.-	20.0						
GRF	+I Z BE	P	19 07 31.8	1.1	2.73	9	8250	74.2	19.3	339.1
KRL	+E Z ST	P	19 07 39.0	1.1		2	8390	75.4	17.6	340.7
STU	+E Z BE	P	19 07 38.0	1.0	2.56	4	8390	75.5	18.1	340.1
FUR	+I Z SL	P	19 07 40.-	1.5	2.36	9	8410	75.6	19.2	338.6
	-I Z SL	PCP	19 07 50.-	1.1	2.43	3				
	-I Z SL	PP	19 10 27.-	1.8	2.18	3				
BUH	E Z GT	P	19 07 40.4				8430	75.8	17.5	340.7
DEC 25 ERL H= 22 19 06.8 LAT = 16.6 S LONG= 172.7 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.2 SAMOA ISLANDS REGION										
BNS	E Z FS	PKP	22 38 43.3	1.4	1.85		16200	145.7	359.7	0.2
	E Z FS	-	22 38 56.4							
GRF	+E Z BE	PKP	22 38 49.3			3	16330	146.8	6.8	355.4
FUR	+I Z SL	PKP1	22 38 53.-	2.0	2.10	3	16500	148.3	7.2	355.0
	+I Z SL	PKP2	22 38 58.-	1.5	1.59	9				
	-I Z SL	XPKP	22 39 08.-	1.3	2.12	4				
	+I Z SL	XPKP	22 39 15.-	1.8	2.18	3				
DEC 26 ERL H= 18 35 22.9 LAT = 28.4 N LONG= 52.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.6 SOUTHERN IRAN										
GRF	E Z BE	P	18 42 39.2			2	4220	38.0	108.4	315.6

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 26 ERL H= 22 03 42.2 LAT = 51.7 N LONG= 176.3 W DEPTH= 57 KM MAGNITUDE= 5.5 ANDREANOF ISLANDS, ALEUTIAN IS.										
						4	8760	78.8	4.7	355.0
GRF	+E Z BE	P	22 15 40.7			2				
	-E Z BE	-	22 16 24.9							
							8890	80.0	2.8	357.0
BUH	E Z GT	P	22 15 46.5							
DEC 27 NO DETERMINATION OF EPICENTER										
KRL	+E Z ST	P	03 00 30.2	1.5		3				
DEC 27 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	07 25 09.1			3				
DEC 27 NO DETERMINATION OF EPICENTER										
KRL	+E Z ST	P	09 19 37.3	1.0		3				
DEC 27 ERL H= 14 06 09.0 LAT = 46.3 N LONG= 144.0 E DEPTH=342 KM MAGNITUDE= 5.4 SEA OF OKHOTSK										
GRF	-I Z BE	P	14 17 21.2	1.1	2.30	9	8450	76.0	31.6	330.6
	E Z BE	AP	14 18 37.3			2				
	E Z BE	-	14 19 41.1			2				
BNS	I Z FS	P	14 17 21.5				8480	76.2	29.2	333.6
	I Z FS	-	14 19 54.5							
FUR	-I Z SL	APCP	14 19 01.-	1.5	1.73	2	8590	77.3	31.5	329.7
	+I Z SL	XP	14 19 18.-	1.8	2.00	1				
	-I Z SL	PP	14 20 16.-	2.0	2.40	4				
	-I Z SL	PPP	14 21 28.-	1.5	1.54	9				
STU	-E Z BE	P	14 17 28.8	1.0	2.19	3	8620	77.5	30.3	331.3

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 27 ERL H= 22 59 29.7 LAT = 76.8 N LONG= 107.0 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.0 QUEEN ELIZABETH ISLANDS										
BNS	E Z FS	P	23 07 57.-				5120	46.0	343.1	53.3
	E Z FS	-	23 08 37.5							
	E Z SL	LR	23 21 26.-	44.0						
	Z SL	-	23 28 40.-							
HOF	Z SL	RM	23 30 20.-	14.0	4.42		5280	47.5	344.1	49.6
GRF	E Z BE	P	23 08 05.9			2	5340	48.0	344.2	50.3
FUR	-I Z SL	P	23 08 21.-	1.8	2.18	8	5500	49.5	344.5	50.8
	+I Z SL	AP	23 08 27.-	1.5	1.76	3				
	-I Z SL	PCP	23 09 40.-	2.0	2.27	3				
	Z SL	RM	23 31 30.-	15.0	4.19					
DEC 28 ERL H= 02 40 53.0 LAT = 21.5 S LONG= 169.9 E DEPTH= 28 KM MAGNITUDE= 5.6 LOYALTY ISLANDS REGION										
						3	16080	144.6	33.4	339.3
HAM	E Z SX	PKP	03 00 27.-							
						9	16290	146.5	39.1	334.2
HOF	-I Z SL	PKP1	03 00 34.-	4.0	4.74					
	+I Z SL	APKP	03 00 47.-	2.0	3.16	9				
GRF	E Z BE	PKP	03 00 34.5	1.1	2.31	2	16370	147.2	38.7	334.1
							16420	147.7	31.1	339.4
BNS	+I Z FS	PKP	03 00 36.5	1.5	2.41					
						9	16500	148.4	40.3	332.3
FUR	+I Z SL	PKP1	03 00 39.-	1.9	2.95					
	-I Z SL	XPKP	03 00 55.-	2.0	2.80	9				
							16590	149.2	34.9	336.0
BUH	+I Z GT	PKP	03 00 40.2							
DEC 28 ERL H= 05 54 10.6 LAT = 5.6 N LONG= 127.1 E DEPTH= 70 KM MAGNITUDE= 5.8 PHILIPPINE ISLANDS REGION										
						2	11350	102.1	66.3	323.3
GRF	E Z BE	P	06 08 02.6			1				
	E Z BE	PP	06 12 20.0							

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 28 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	06 23 41.2			2				
DEC 28 ERL H= 08 59 55.4 LAT = 20.5 S LONG= 169.4 E DEPTH= 47 KM MAGNITUDE= 5.5 NEW HEBRIDES ISLANDS										
HOF	+I Z SL	PKP1	09 19 29.-	1.5	3.04	9	16160	145.4	39.2	334.4
	+I Z SL	APKP	09 19 41.-	2.0	2.91	3				
GRF	I Z BE	PKP	09 19 32.0			4	16250	146.1	38.7	334.3
BNS	I Z FS	PKP	09 19 33.0	1.0	2.38		16300	146.6	31.3	339.4
	E Z FS	-	09 19 43.3							
FUR	+I Z SL	PKP1	09 19 35.-	1.8	2.72	9	16380	147.3	40.3	332.5
	+I Z SL	APKP	09 19 50.-	2.0	2.70	1				
DEC 28 NO DETERMINATION OF EPICENTER										
GRF	I Z BE	PG	10 32 06.9			4				
	E N BE	SG	10 32 27.9			2				
DEC 28 ERL H= 10 45 50.2 LAT = 21.7 S LONG= 169.9 E DEPTH= 42 KM LOYALTY ISLANDS REGION										
GRF	E Z BE	PKP	11 05 30.7			1	16390	147.4	38.9	334.0
DEC 28 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	10 56 23.8			3				
DEC 28 ERL H= 14 36 07.3 LAT = 76.8 N LONG= 106.3 W DEPTH= 33 KM (NORMAL) MAGNITUDE= 4.8 QUEEN ELIZABETH ISLANDS										

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
GRF	+E Z BE	P	14 44 43.4			4	5320	47.9	344.0	51.0
	E Z BE	-	14 45 15.8			2				
DEC 28 ERL H= 16 57 45.0 LAT = 34.7 N LONG= 70.4 E DEPTH= 63 KM MAGNITUDE= 5.6 AFGHANISTAN										
NOS= FELT (V) AT KABUL.										
GRF	+E Z BE	P	17 05 58.6	1.5	2.29	5	5020	45.2	86.2	308.2
FUR	+E Z SL	P	17 05 57.-	2.0	2.24	9	5030	45.2	84.8	306.0
	-I Z SL	PP	17 07 47.-	1.5	1.76	9				
HAM	E Z SX	PP	17 07 53.-			1	5090	45.8	89.0	313.5
STU	+E Z BE	P	17 06 07.8	1.2	2.07	5	5180	46.6	83.9	307.0
KRL	+E Z ST	P	17 06 13.6	1.4		2	5230	47.0	83.6	307.4
BUH	+E Z GT	P	17 06 13.3				5250	47.2	83.2	307.0
BNS	E Z FS	P	17 06 17.5	2.0	2.00		5300	47.6	84.5	310.2
	E Z FS	-	17 06 35.0							
	E Z FS	-	17 08 38.-							
	E Z SL	LR	17 20 30.-	60.0						
	Z SL	-	17 25 00.-	28.0						
DEC 28 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	22 04 05.7			2				
DEC 29 NO DETERMINATION OF EPICENTER										
BUH	E Z GT	P	00 15 25.5							
DEC 29 ERL H= 03 44 43.9 LAT = 34.9 N LONG= 23.6 E DEPTH= 35 KM MAGNITUDE= 4.3 CRETE										
GRF	E Z BE	P	03 48 45.1			2	1930	17.4	143.9	332.2

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
DEC 29 ERL H= 04 51 01.6 LAT = 30.6 S LONG= 71.0 W DEPTH= 60 KM MAGNITUDE= 6.0 NEAR COAST OF CENTRAL CHILE										
FUR	-I Z SL	APKP	05 09 41.-	1.5	1.76	9	11940	107.4	243.6	44.0
						1	12010	108.0	244.0	42.6
GRF	E Z BE	PKP	05 09 44.6							
DEC 29 ERL H= 08 47 07.1 LAT = 4.9 S LONG= 152.4 E DEPTH= 64 KM MAGNITUDE= 5.5 NEW BRITAIN REGION										
GRF	E Z BE	PKP	09 06 01.9			2	13870	124.7	49.4	330.3
DEC 29 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	PG	11 35 27.7			1				
	E E BE	SG	11 35 55.9			2				
DEC 29 ERL H= 18 18 58.0 LAT = 19.8 S LONG= 168.9 E DEPTH= 31 KM MAGNITUDE= 4.7 NEW HEBRIDES ISLANDS										
GRF	-I Z BE	PKP	18 38 34.0	1.0	1.83	3	16150	145.2	38.8	334.4
FUR	-I Z SL	PKP1	18 38 39.-	2.0	2.27	4	16280	146.4	40.3	332.6
	-I Z SL	PKP2	18 38 43.-	1.5	1.76	9				
STU	-E Z BE	PKP	18 38 38.1	1.0	2.04	2	16320	146.8	36.6	335.3
BUH	E Z GT	PKP	18 38 38.6				16370	147.2	35.1	336.1
DEC 29 ERL H= 19 05 23.4 LAT = 21.6 S LONG= 169.7 E DEPTH= 33 KM (NORMAL) MAGNITUDE= 5.4 LOYALTY ISLANDS REGION										
GRF	+E Z BE	PKP	19 25 03.8			4	16370	147.2	39.0	334.0

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
BNS	+I Z FS	PKP	19 25 04.5	1.5	2.15		16420	147.7	31.4	339.3
	E Z FS	-	19 25 15.-							
FUR	-I Z SL	PKP1	19 25 08.-	1.8	2.64	3	16500	148.4	40.6	332.1
	-I Z SL	APKP	19 25 20.-	1.5	1.98	3				
STU	+E Z BE	PKP	19 25 07.4	1.3	2.35	2	16540	148.7	36.7	334.9
BUH	+E Z GT	PKP	19 25 08.5				16590	149.2	35.2	335.8
DEC 29 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	19 35 29.0			2				
DEC 29 NO DETERMINATION OF EPICENTER										
GRF	E Z BE	P	19 36 25.7			2				
DEC 30 BCS H= 05 33 51.0 LAT = 51.8 N LONG= 6.1 E GERMANY										
BNS= LOWER RHINE REGION, NEAR NIJMEGEN, GERMANY-NETHERLANDS BORDER REGION. FORESHOCK. H= 05 33 52, M(LOCAL) = 2.6.										
BNS	E E X	SG	05 34 30.5	0.5	2.15		120	1.1	321.6	140.7
	E N X	-	05 34 30.5	0.6	1.95					
DEC 30 BCS H= 05 48 26.0 LAT = 51.8 N LONG= 6.1 E GERMANY										
DEC 30 ERL H= 05 48 28.4 LAT = 51.6 N LONG= 5.7 E DEPTH= 33 KM (NORMAL) NETHERLANDS										
BNS= LOWER RHINE REGION, 5 KM. SE OF NIJMEGEN, GERMANY-NETHERLANDS BORDER REGION. MAINSHOCK. H= 05 48 27, 51 DEG. 48 MIN. N, 05 DEG. 54 MIN. E, M(LOCAL)= 3.2, FELT IN THE REGION OF NIJMEGEN.										

DEC 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
			05 48 54.0	1.0	3.48	2	80	0.8	294.6	113.7
BOC	-I Z 94	-					120	1.1	321.6	140.7
BNS	+I Z FS	PG	05 48 48.3	1.0	1.78					
	+I E X	SG	05 49 04.5	0.6	2.64					
	I Z FS	-	05 49 04.8	0.6	2.54					
	+I N X	-	05 49 04.9	0.6	2.57					
							380	3.4	337.2	155.6
BUH	E Z GT	PN	05 49 19.9			1	430	3.9	305.0	121.0
GRF	E Z BE	P	05 49 42.0			1				
	E E BE	S	05 50 28.4							

DEC 30 ERL
H= 05 57 45.9
LAT = 16.1 S
LONG= 172.6 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
SAMOA ISLANDS REGION

GRF	E Z BE	PKP	06 17 26.6	1	16270	146.3	6.7 355.5

DEC 30 ERL
H= 06 22 03.0
LAT = 47.2 N
LONG= 27.4 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.7
NORTH ATLANTIC RIDGE

BNS	E Z FS	P	06 27 05.7		2530	22.8	274.1 67.8
BUH	E Z GT	P	06 27 18.6		2640	23.7	280.0 73.3
GRF	E Z BE	P	06 27 32.6	1	2840	25.5	279.4 70.1

DEC 30 ERL
H= 20 41 00.5
LAT = 14.6 S
LONG= 175.1 W
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
SAMOA ISLANDS REGION

GRF	E Z BE	PKP	21 00 35.8	1	16080	144.6	10.5 353.0
BUH	E Z GT	PKP	21 00 39.9		16220	145.9	5.7 356.1

DEC 30
NO DETERMINATION OF EPICENTER

BUH	E Z GT	PN	23 26 33.8				

DEC 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

DEC 30 ERL
H= 23 54 05.9
LAT = 33.6 N
LONG= 87.7 E
DEPTH= 33 KM (NORMAL)
MAGNITUDE= 4.9
TIBET

GRF	-E Z BE	P	00 03 51.8			3	6330	57.0	75.5	311.1
BUH	E Z GT	P	00 04 05.7				6570	59.1	73.0	310.6

DEC 31
NO DETERMINATION OF EPICENTER

BNS	+I Z FS	P	07 22 05.5	1.5	1.70					

DEC 31 BCS
H= 07 40 07.0
LAT = 44.8 N
LONG= 12.9 E
NORTHERN ITALY

FUR	-E Z SL	PG	07 41 26.-	1.7	1.76	1	390	3.5	161.0	342.2
	+I Z SL	SN	07 41 52.-	1.8	2.18	5				
	-I Z SL	SG	07 42 20.-	1.8	2.15	4				
	Z SL	MAXIMUM	07 43 10.-	1.9	2.55					
GRF	E Z JM	PN	07 41 23.5			1	560	5.0	166.2	347.4
	E Z BE	-	07 41 42.8			2				
	E Z BE	PG	07 41 52.4			2				
	E N BE	SG	07 42 26.1			3				
	E N BE	SG	07 43 11.5			1				
BUH	E Z GT	PN	07 41 23.5				560	5.0	138.6	322.0

DEC 31 BCS
H= 08 00 20.0
LAT = 51.8 N
LONG= 6.1 E
GERMANY

DEC 31 ERL
H= 08 00 21.4
LAT = 51.8 N
LONG= 5.8 E
DEPTH= 33 KM (NORMAL)
NETHERLANDS

BNS= LOWER RHINE REGION, NEAR NIJMEGEN, GERMANY-NETHERLANDS BORDER

DEC 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
REGION. AFTERSHOCK. H= 08 00 20, M(LOCAL)= 2.7.										
							120	1.1	321.6	140.7
BNS	E Z FS	PG	08 00 42.1							
	E E X	SG	08 00 59.0	0.5	2.15					
	E N X	-	08 00 59.3	0.4	2.20					
	E Z FS	-	08 00 59.3	1.0	2.00					
							380	3.4	337.2	155.6
BUH	E Z GT	PN	08 01 14.3							

SEISMIC EVENTS IN THE FEDERAL REPUBLIC OF GERMANY

JAN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
JAN 06 BCS										
H= 23 04 20.0										
LAT = 51.6 N										
LONG= 7.1 E										
GERMANY										
BNS= ROCKBURST, RUHR COAL DISTRICT, NORDRHEIN-WESTFALEN, WEST GERMANY.										
H= 23 04 19, 51 DEG. 38 MIN. N, 7 DEG. 7 MIN. E,										
M(LOCAL) = 3.2, M(LGH)= 2.7. FELT IN THE REGION OF RECKLINGHAUSEN										
AND MARL WITH MAXIMUM INTENSETY V.										
							70	0.7	356.9	176.8
BNS	E Z FS	PG	23 04 31.5							
	E N X	SG	23 04 40.8	0.7	2.87					
	E E X	-	23 04 42.0	0.8	3.03					
	E F X	-	23 04 50.-	1.4	3.42					
	E N X	-	23 04 52.-	1.5	3.29					
	E Z FS	-	23 04 52.-	1.5	3.00					
							340	3.0	345.8	166.0
BUH	E Z GT	PG	23 05 05.6			1	360	3.3	309.3	125.1
GRF	E Z BE	PG	23 05 25.3			3				
	E N BE	SG	23 05 48.5							
FUR	-E Z SL	SG	23 05 44.-	1.5	1.30	5	490	4.4	323.8	140.6
	Z SL	MAXIMUM	23 07 25.-	1.5	1.78					
JAN 07										
NO DETERMINATION OF EPICENTER										
BNS= EXPLOSION SUPPOSED.										
BNS	E Z FS	PG	15 00 59.0							
	E Z FS	SG	15 01 05.0							
JAN 09 BCS										
H= 12 53 33.0										
LAT = 48.3 N										
LONG= 9.1 E										
GERMANY										
BCIS= SWABIAN JURA.										
STU	-E Z BE	PG	12 53 44.4	0.5	1.34	1	60	0.5	190.8	10.6
	+E N BE	SG	12 53 49.7							
BUH	-I Z GT	PG	12 53 46.0				80	0.7	126.5	307.1
GRF	I Z JM	PG	12 54 11.4			2	220	2.0	225.8	44.2
	E E BE	SN	12 54 31.8			1				
	E E BE	SG	12 54 37.1			2				

FEB 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FEB 17 BCS										
H= 04 03 31.0										
LAT = 50.6 N										
LONG= 6.0 E										
GERMANY										
BNS= HOHES VENN, 4 KM SW OF EUPEN, GERMANY-BELGIUM BORDER REGION.										
H= 04 03 31.3, 50 DEG. 36 MIN. N, 6 DEG. 00 MIN. E, M(LOCAL)= 3.1										
FELT WITH MAXIMUM INTENSITY IV IN THE REGION OF EUPEN. MAXIMUM RADIUS										
OF PERCEPTIBILITY R= 20 KM.										
							90	0.8	244.4	63.5
BNS	E Z FS	PG	04 03 46.7							
	-I N X	SG	04 03 57.6	0.6	2.77					
	I Z FS	-	04 03 59.0	0.6	2.36					
	I E X	-	04 03 59.5	0.6	2.69					
BOC	+I E B4	PN	04 03 53.0	0.5		2	130	1.2	221.2	40.2
	-I E B4	SN	04 04 08.2	1.5	3.57	4				
BUH	E Z GT	PN	04 04 09.8				270	2.4	323.9	142.2
FEB 17										
NO DETERMINATION OF EPICENTER										
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.										
FUR	Z SL	MAXIMUM	11 04 40.-	2.0	2.33					
FEB 19 ERL										
H= 00 41 22.9										
LAT = 50.4 N										
LONG= 5.9 E										
DEPTH= 26 KM										
BELGIUM										
FEB 19 BCS										
H= 00 41 23.0										
LAT = 50.5 N										
LONG= 5.9 E										
BELGIUM										
BNS= HOHES VENN, 8 KM NW OF MALMEDY, GERMANY BELGIUM BORDER REGION.										
H= 00 41 23.6, 50 DEG. 28 MIN. N, 05 DEG. 56 MIN. E, M(LOCAL)= 3.2,										
FELT WITH MAXIMUM INTENSITY IV IN THE REGION OF EUPEN. MAXIMUM RADIUS										
OF PERCEPTIBILITY R= 35 KM.										
							110	1.0	238.1	57.1
BNS	E Z FS	PG	00 41 40.7							
	+I Z FS	-	00 41 42.6							
	+I N X	SG	00 41 53.2	0.6	2.71					
	+I E X	-	00 41 53.8	0.6	2.92					
	E Z FS	-	00 41 54.0	0.5	2.48					

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
							260	2.3	320.1	138.3
BUH	E Z GT	PN	00 42 00.4							

FEB 22
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 11 50.-		1.6	1.71				

FEB 28 ERL
H= 15 41 05.3
LAT = 49.5 N
LONG= 8.2 E
DEPTH= 10 KM (GEOPHYSICIST)
GERMANY

FEB 28 BCS
H= 15 41 07.0
LAT = 49.4 N
LONG= 8.3 E
GERMANY

BNS= UPPER RHINEGRABEN, NEAR SPEYER, RHINELAND-PFALZ, WEST GERMANY.
H= 15 41 11, 49 DEG. 19 MIN. N, 08 DEG. 26 MIN. E, M(LOCAL)= 3.6
FELT WITH MAX. INT. V IN THE REGION BETWEEN HEIDELBERG AND SPEYER.

STU= H= 16 41 10, 49 DEG. 18 MIN. N, 8 DEG. 26 MIN. E,
DEPTH= 2 KM, ML= 3.3.

KRL	+E Z ST	PN	15 41 18.0	0.9		2	60	0.5	345.0	164.8
	-I E ST	PG	15 41 23.5	1.0		9				
TNS	E N X	PG	15 41 29.0			2	80	0.7	192.3	12.1
	E E X	SG	15 41 38.5			3				
BUH	-I Z GT	PN	15 41 22.1				90	0.8	359.1	179.1
STU	+E Z BE	PG	15 41 23.5	0.5	2.11	2	110	1.0	319.0	138.3
	ST	SG	15 41 34.8							
BNS	E Z FS	PN	15 41 39.2				180	1.6	155.2	336.0
	E Z FS	-	15 41 42.4							
	I Z FS	PG	15 41 43.3							
	E E X	SG	15 42 03.2							
	E Z FS	-	15 42 04.3	0.7	2.54					
	-I N X	-	15 42 09.7	0.7	2.93					
	+I E X	-	15 42 10.3	0.8	2.76					
GRF	E Z JM	PN	15 41 39.2			1	220	2.0	265.6	83.4
	E Z JM	PG	15 41 44.1			3				
	+I Z BE	-	15 41 46.1			9				
	I Z BE	SG	15 42 09.2			9				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	PG	15 41 56.-	1.5	1.90	3	270	2.4	304.6	122.3
	+I Z SL	SG	15 42 23.-	1.5	1.78	4				
	Z SL	MAXIMUM	15 42 56.-	1.9	2.69					

MAR 15
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST, RUHR COAL DISTRICT, NORDRHEIN-WESTFALEN, WEST GERMANY.
H= 23 38 20, 51 DEG. 30 MIN. N, 07 DEG. 03 MIN. E,
FELT WITH INTENSITY IV AT ESSEN-SCHONNEBECK.

BNS	E Z FS	PG	23 38 30.5			
	E N X	SG	23 38 39.0			
	E Z FS	-	23 38 45.-	1.3	1.60	

MAR 17
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED.

BNS	E Z FS	PG	14 19 56.5			
	E N X	SG	14 20 03.-			
	E Z FS	-	14 20 13.-			

MAR 23
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST SUPPOSED.

BNS	E Z FS	PG	03 49 51.-			
	E E X	SG	03 50 01.-			
	E Z FS		03 50 07.5	1.2	1.70	

MAR 23
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 12 40.-	1.8	2.02	

MAR 24 NFB
H= 14 45 00.8
LAT = 51.6 N
LONG= 9.7 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT ADELEBSEN, SHOTPOINT NO. 6.
H= 14 45 00.80, 51 DEG, 36 MIN. 31.8 SEC. N, 9 DEG. 44 MIN. 48 SEC. E,
HEIGHT= 350 METERS, CHARGE= 8.5 TONS

MAR 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
							190	1.7	67.2	249.2
BNS	E Z FS	PN	14 45 30.5							
	E Z FS	PG	14 45 34.8							
	E E X	-	14 45 58.0							
	E Z FS	-	14 46 04.-	1.2	2.00					
						1	240	2.1	334.6	153.4
GRF	E Z JM	PN	14 45 38.2			2				
	+E Z BE	PG	14 45 42.4			2				
	E N GT	SN	14 46 09.4			2				
	E N GT	SG	14 46 13.7							

APR 06
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST, RUHR COAL DISTRICT, NORDRHEIN-WESTFALEN, WEST GERMANY.
H= 10 02 07, 51 DEG. 33 MIN. N, 06 DEG. 45 MIN. E,
FELT WITH INTENSITY IV-V AT EPPINGHOVEN NEAR DINSLAKEN.

BNS	E E X	SG	10 02 30.-	1.0	2.08	

APR 07
NO DETERMINATION OF EPICENTER

BNS= LOWER RHINE REGION, NEAR BERGHEIM, NORDRHEIN-WESTFALEN,
WEST GERMANY. H= 08 06 20, 50 DEG. 58 MIN. N, 06 DEG. 38 MIN. E,
M(LOCAL)= 2.4, FOCAL DEPTH VERY SHALLOW. FELT WITH MAXIMUM INTENSITY
IV-V IN THE REGION OF BERGHEIM. MAXIMUM RADIUS OF PERCEPTIBILITY = 4 KM.

BNS	-E Z FS	PG	08 06 27.5			
	I N X	SG	08 06 33.5	0.8	2.64	
	I E X	-	08 06 34.4	0.8	2.52	

APR 07
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	+I Z SL	-	12 07 17.-	1.9	1.86	8
	-I Z SL	-	12 07 21.-	1.8	2.05	2
	+I Z SL	-	12 07 36.-	1.5	1.60	3

APR 25
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 12 18.-	1.8	2.05	

MAY 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.

MAY 03 NFB
H= 17 25 01.7
LAT = 50.6 N
LONG= 7.3 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT MEHRBERG, SHOTPOINT NO. 14
H= 17 25 01.66, 50 DEG. 36 MIN. 33 SEC. N, 7 DEG. 17 MIN. 48 SEC. E,
HEIGHT= 370 METERS, CHARGE= 2.65 TONS

BNS	E Z FS	PG	17 25 09.5				40	0.4	167.8	347.9
	E N X	SG	17 25 16.-							

MAY 17 BCS
H= 08 13 49.5
LAT = 48.3 N
LONG= 9.0 E
GERMANY

MAY 17 ERL
H= 08 13 50.6
LAT = 48.4 N
LONG= 8.9 E
DEPTH= 33 KM (NORMAL)
GERMANY

STU= WESTERN SWABIAN JURA. H= 08 13 49.5, 48 DEG. 16 MIN. N,
9 DEG. 04 MIN. E, MM= 3.5. FELT (V) IN THE EPICENTRAL AREA.

STU	-I Z BE	PG	08 13 58.9				50	0.5	192.4	12.3
	ST	SG	08 14 05.5							
BUH	-I Z GT	PG	08 14 02.3				70	0.7	124.2	304.8
KRL	-E Z ST	PG	08 14 06.3			3	90	0.8	149.3	329.7
	-I Z ST	-	08 14 07.0	0.5		9				
	-I E ST	-	08 14 20.8	0.7		9				
FUR	+I Z SL	PN	08 14 19.-	1.5	1.60	9	170	1.5	276.2	94.5
	+I Z SL	SN	08 14 39.-	1.0	1.77	4				
	Z SL	MAXIMUM	08 16 00.-	1.5	2.46					
TNS	I Z SL	PN	08 14 25.0			5	220	2.0	168.4	348.8
	I E SL	SN	08 14 53.4			6				
	I E SL	SG	08 15 05.0			4				
GRF	I Z JM	PN	08 14 22.5			2	220	2.0	226.7	45.1
	I Z BE	PG	08 14 27.7			9				
	E Z BE	SN	08 14 47.6			2				
	I Z BE	SG	08 14 53.4			9				

MAY 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
HOF	-I E SL	PN	08 14 42.-	1.0	2.12	7	300	2.7	223.8	41.7
	+I E SL	PB	08 14 47.-	1.0	2.42	2				
	+I E SL	PG	08 14 58.-	1.0	2.12	1				
	-I E SL	-	08 15 06.-	1.0	2.48	2				
	-I E SL	SN	08 15 18.-	1.0	3.28	4				
	Z SL	MAXIMUM	08 15 48.-	3.5	2.75					
BNS	I Z FS	PN	08 14 37.0				330	2.9	154.8	336.2
	E Z FS	PG	08 14 46.3	0.6	1.78					
	E E X	SG	08 15 27.5	1.0	2.11					
	E N X	-	08 15 27.5	1.0	2.23					

MAY 17
NO DETERMINATION OF EPICENTER

BNS= H= 16 36 19, M(LOCAL)= 2.3

BNS	I Z FS	PG	16 36 31.0			
	I E X	SG	16 36 39.4	0.4	2.18	
	I N X	-	16 36 40.1	0.8	1.95	

MAY 18 BCS
H= 08 11 01.5
LAT = 48.3 N
LONG= 9.1 E
GERMANY

MAY 18 ERL
H= 08 11 02.0
LAT = 48.3 N
LONG= 9.0 E
DEPTH= 33 KM (NORMAL)
GERMANY

STU= WESTERN SWABIAN JURA. H= 08 11 01.3, 48 DEG. 17 MIN. N,
9 DEG. 02 MIN. E, DEPTH= 7.5 KM. ML = 4.8. M(LOCAL)= 4.0 (BNS)
FELT (V) IN THE EPICENTRAL AREA

STU	+I Z BE	PG	08 11 10.6				50	0.5	189.9	9.9
	BE	SG	08 11 17.1							
BUH	-I Z GT	PG	08 11 14.1				80	0.7	124.3	305.0
KRL	-I Z ST	PG	08 11 18.2	0.5		9	90	0.8	148.7	329.2
	-I Z ST	-	08 11 27.2	0.7		9				
	+I N ST	-	08 11 32.0	0.7		9				
	-I Z ST	-	08 11 37.3							
FUR	+E Z SL	PN	08 11 29.-	1.5	1.51	8	160	1.5	275.6	94.0
	-I Z SL	SN	08 11 51.-	1.0	2.90	8				
	Z SL	MAXIMUM	08 13 15.-	1.5	2.98					
TNS	E Z SL	PN	08 11 36.0			4	220	2.0	167.9	348.4

MAY 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z SL	PB	08 11 40.0			3				
	E E SL	SN	08 12 03.0			5				
	E E SL	SB	08 12 11.0			5				
GRF	+E Z BE	PN	08 11 34.0			3	220	2.0	226.0	44.4
	-I Z BE	PN	08 11 34.5			9				
	-I Z BE	PG	08 11 39.3			9				
HOF	-E Z SL	PN	08 11 54.-	1.0	1.97	5	300	2.7	223.3	41.2
	-E Z SL	PB	08 11 58.-	1.0	2.18	2				
	-I Z SL	SN	08 12 27.-	1.0	3.12	9				
	-I Z SL	SB	08 12 37.-	1.5	2.85	2				
	+I Z SL	SG	08 12 42.-	1.8	3.00	2				
	Z SL	MAXIMUM	08 13 08.-	3.0	3.11					
BNS	-I Z FS	PN	08 11 48.2				330	2.9	154.6	336.0
	E Z FS	PG	08 11 58.3	0.5	2.23					
	E N X	SG	08 12 40.0	0.9	2.77					
	E E X	-	08 12 40.0	0.9	2.66					
HAM	E Z SX	-	08 14 00.-			1	580	5.2	186.3	5.7
	E Z SX	-	08 14 34.-			2				

MAY 19
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY

FUR	Z SL	MAXIMUM	12 08 36.-	1.9	2.07

MAY 26
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION

BNS	I Z FS	PG	11 11 21.6		
	E Z FS	-	11 11 31.0		

MAY 27
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST SUPPOSED

BNS	E Z FS	PG	21 53 08.2		
	E N X	SG	21 53 15.-		
	E Z FS	-	21 53 24.5	1.4	2.34

MAY 31
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST SUPPOSED

BNS	+I Z FS	PG	00 21 13.8		
	E E X	SG	00 21 21.6		

MAY 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z FS	-	00 21 41.-	1.5	2.04					

MAY 31
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	I Z FS	PG	09 48 36.8							
	E Z FS	SG	09 48 42.-							
	E Z FS	-	09 48 48.-	1.3	2.04					

MAY 31 BCS
H= 11 41 44.0
LAT = 47.7 N
LONG= 7.7 E
GERMANY

BCIS= SOUTHERN RHINEGRABEN. NEAR KANDERN, BADEN.

BUH	-E Z GT	PN	11 42 02.0				120	1.0	200.1	19.7
FUR	+E Z SL	PG	11 42 39.-	1.9	1.66	3	270	2.5	260.4	77.7
	Z SL	MAXIMUM	11 44 11.-	1.5	1.45					
GRF	E Z JM	PN	11 42 41.3			1	340	3.1	230.8	48.1
	E Z JM	PG	11 42 46.5			2				
	E N BE	SG	11 43 20.1			4				

JUN 02 NFB
H= 14 45 00.7
LAT = 51.6 N
LONG= 9.7 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT ADELEBSEN, SHOTPOINT NO. 6
H= 14 45 00.72, 51 DEG. 36 MIN. 33.6 SEC. N, 9 DEG. 44 MIN. 46.2 SEC. E,
HEIGHT= 350 METERS, CHARGE= 8.4 TONS

BNS	E Z FS	PG	14 45 30.-				190	1.7	67.2	249.2
	E N X	SG	14 45 58.-							
	E N X	-	14 46 02.-							
GRF	E Z BE	PG	14 45 42.6			2	240	2.1	334.6	153.4
	-E N BE	SG	14 46 09.3			4				

JUN 08
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

JUN 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
FUR	-I Z SL	-	11 09 58.-	1.5	1.30	5				
	Z SL	MAXIMUM	11 10 30.-	1.5	1.60					

JUN 29
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 12 20.-	1.5	1.60					

JUN 29 NFB
H= 15 05 00.9
LAT = 51.0 N
LONG= 9.2 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT DORHEIM, HESSEN. SHOTPOINT NO. 13
H= 15 05 00.87, 50 DEG. 57 MIN. 52.8 SEC. N, 9 DEG. 13 MIN. 9 SEC. E,
HEIGHT= 320 METERS, CHARGE= 3.5 TONS

BNS	E Z FS	PG	15 05 45.4				140	1.3	89.2	270.7
	E N X	SG	15 05 52.0							
GRF	E Z BE	PN	15 05 33.6			2	200	1.8	315.6	134.1
	-I Z BE	PG	15 05 38.8			6				
	E E BE	SG	15 06 00.5			2				

JUL 04
NO DETERMINATION OF EPICENTER

STU, WESTERN SWABIAN JURA, GERMANY. H= 08 56 37, 48 DEG. 18 MIN. N,
9 DEG. 00 MIN. E, DEPTH= 7 KM, ML= 2.9

KRL	+E N ST	-	08 56 08.-	0.5		4				
BUH	E Z GT	PN	08 56 08.5							
	-E Z GT	PG	08 56 49.5							
MSS	E E ST	PG	08 56 39.0							
	ST	SG	08 56 40.8							
STU	E Z BE	SG	08 56 53.7	0.5	2.26	2				
GRF	I Z BE	PG	08 57 15.2			4				
	E N BE	SG	08 57 40.7			2				

JUL 04
NO DETERMINATION OF EPICENTER

STU= WESTERN SWABIAN JURA, GERMANY. H= 08 57 33.5, 48 DEG. 17 MIN. N,
9 DEG. 03 MIN. E, DEPTH= 8 KM., ML= 3.2

JUL 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
MSS	E E ST	PG	08 57 35.5							
	ST	SG	08 57 37.4							
STU	+E Z BE	PG	08 57 42.7	0.5	1.94	2				
	+I E BE	SG	08 57 50.3	0.5	3.11	5				
BUH	-I Z GT	PG	08 57 46.1							
FUR	-I Z SL	-	08 58 08.-	1.2	1.80	6				
	+I Z SL	-	08 58 25.-	1.0	2.21	3				
GRF	I Z BE	PG	08 58 11.6			9				
	E N BE	SG	08 58 36.3			2				
BNS	E Z FS	P	08 59 11.5	1.2	1.30					

JUL 06
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 11 00.-	2.0	1.88

JUL 14
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	E Z FS	PG	10 59 45.4
	E Z FS	SG	10 59 50.6
	E Z FS	-	10 59 53.0

JUL 14 NFB
H= 15 05 01.0
LAT = 50.5 N
LONG= 10.0 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT HILDERS/RHOEN. SHOTPOINT NO. 2
H= 15 05 00.95, 50 DEG. 32 MIN. 31.8 SEC. N, 10 DEG. 02 MIN. 18.6 SEC. E
HEIGHT= 730 METERS, CHARGE= 5.5 TONS

GRF	E Z BE	PG	15 05 23.2			2	130	1.1	318.8	137.9
	E E BE	SG	15 05 40.0			3				

JUL 14
NO DETERMINATION OF EPICENTER

BNS= ROCKBURST SUPPOSED

BNS	E Z FS	PG	22 19 26.0

JUL 1972

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT.	AZIMUTH EPIC.
	E Z FS	SG	22 19 40.0							

JUL 15 NFB
H= 13 05 00.1
LAT = 50.4 N
LONG= 10.0 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NFB= QUARRYBLAST AT BISCHOFSHEIM/RHOEN. SHOTPOINT NO. 11
H= 13 05 00.12, 50 DEG. 25 MIN. 18.6 SEC. N, 10 DEG. 01 MIN. 37.2 SEC. E
HEIGHT= 620 METERS, CHARGE= 4.575 TONS

GRF	-I Z BE	PG	13 05 21.0			4	120	1.1	314.1	133.2
BUH	E Z GT	PN	13 05 33.8				230	2.1	33.1	214.5

JUL 21
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 11 51.-	1.9	1.96

JUL 27
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

GRF	E Z BE	P	11 11 39.6			1
FUR	Z SL	MAXIMUM	11 13 00.-	2.0	2.21	

AUG 17
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 13 20.-	2.0	2.10

AUG 30
NO DETERMINATION OF EPICENTER

STU= SOUTHERN GERMANY, NE OF STUTTGART, H= 01 34 58.8, 48 DEG. 54 MIN. N
9 DEG. 21 MIN. E, DEPTH= 12 KM., ML= 2.0

STU	+I Z BE	P	01 35 03.0	0.4	2.19	8				
	E BE	S	01 35 06.0							
BUH	E Z GT	PN	01 35 13.9							

AUG 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.

AUG 30
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	E Z FS	PG	12 53 08.0					
	I N X	SG	12 53 13.5					
	E Z FS	-	12 53 18.-					

AUG 31
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	E Z FS	PG	15 03 05.-					
	E N X	SG	15 03 25.5					
	E Z FS	-	15 03 41.-	1.5	1.85			

AUG 31
NO DETERMINATION OF EPICENTER

BNS= RHEINLAND, GERMANY. H= 15 36 51, M(LOCAL)= 2.3

BNS	-E Z FS	PG	15 36 57.7					
	I N X	SG	15 37 02.4	0.6	2.26			
	E E X	-	15 37 02.8	0.6	2.57			
	E Z FS	-	15 37 03.2	0.6	2.20			

SEP 01 NF8
H= 16 05 01.3
LAT = 50.5 N
LONG= 10.0 E
DEPTH= 0 KM (GEOPHYSICIST)
GERMANY

NF8= QUARRYBLAST AT HILDERS/RHOEN. SHOTPOINT NO. 2
H= 16 05 01.25, 50 DEG. 32 MIN. 33.6 SEC. N, 10 DEG. 02 MIN. 22.8 SEC. E
HEIGHT= 730 METERS, CHARGE= 12.2 TONS

GRF	E Z BE	PG	16 05 23.3			2	130	1.1	318.8	137.9
	E Z BE	SG	16 05 39.5			1				
BNS	E Z FS	-	16 06 26.-				210	1.9	102.0	284.2
BUH	E Z GT	PN	16 05 36.5				250	2.2	31.5	212.9
FUR	+E Z SL	PG	16 05 59.-	1.5	1.28	3	280	2.5	341.7	160.7
	Z SL	MAXIMUM	16 06 52.-	1.8	2.00					

SEP 04
NO DETERMINATION OF EPICENTER

SEP 1972 STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.

FUR= EXPLOSION AT ESCHENLOHE BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	16 09 30.-	1.5	1.70			

SEP 08
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	I Z FS	PG	14 00 24.5					
	E Z FS	SG	14 00 28.7					
	I Z FS	-	14 00 31.3	0.8				

SEP 08
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	E Z FS	PG	15 59 43.3					
	E Z FS	SG	15 59 50.5					

SEP 15
NO DETERMINATION OF EPICENTER

BNS= EXPLOSION SUPPOSED

BNS	I Z FS	PG	09 45 05.3					
	I Z FS	SG	09 45 11.0					
	E Z FS	-	09 45 15.5					

SEP 15
NO DETERMINATION OF EPICENTER

FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.

FUR	Z SL	MAXIMUM	11 11 30.-	1.6	2.00			

SEP 16
NO DETERMINATION OF EPICENTER

STU= WESTERN SWABIAN JURA, GERMANY. H= 21 56 52.0, 48 DEG. 13 MIN. N,
8 DEG. 55 MIN. E, DEPTH= 2 KM., ML= 2.9

MSS	I E ST	PG	21 56 56.3					
	-I E ST	SG	21 56 56.7					
STU	E Z BE	PG	21 57 06.5	0.2	1.90	1		
	E E BE	SG	21 57 15.0	0.5	2.43	2		
BUH	-I Z GT	PG	21 57 07.0					
GRF	E Z BE	PG						
	E N BE	SG	21 57 32.8			1		
			21 57 58.2			2		

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
SEP 30									
NO DETERMINATION OF EPICENTER									
BNS= ROCKBURST SUPPOSED									
BNS	E Z FS	SG	21 59 04.-						
	E Z FS	-	21 59 15.-	1.3	2.08				
OCT 10									
NO DETERMINATION OF EPICENTER									
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.									
FUR	Z SL	MAXIMUM	11 13 50.-	1.6	1.78				
OCT 17									
NO DETERMINATION OF EPICENTER									
STU= WESTERN SWABIAN JURA, GERMANY. H= 11 01 27.0, 48 DEG. 16 MIN. N, 09 DEG. 03 MIN. E, DEPTH= 10 KM, ML= 3.5									
MSS	ST	PG	11 01 30.0						
	ST	SG	11 01 32.2						
BUH	E Z GT	PG	11 01 41.2						
STU	+E N BE	SG	11 01 44.5	0.5	1.99	2			
GRF	E Z JM	PN	11 02 02.7			1			
	+I Z JM	PG	11 02 06.8			6			
	E N BE	SN	11 02 26.9			3			
	E N BE	SG	11 02 31.4			2			
FUR	+I N SL	-	11 02 18.-	1.8	2.15	9			
OCT 17									
NO DETERMINATION OF EPICENTER									
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.									
GRF	E Z BE	PG	11 11 27.8			1			
	E N BE	SG	11 11 57.3			1			
FUR	Z SL	MAXIMUM	11 11 40.-	1.8	2.08				
OCT 20									
NO DETERMINATION OF EPICENTER									
BNS= EXPLOSION SUPPOSED									
BNS	E Z FS	PG	12 50 11.2						
	E Z FS	SG	12 50 18.9						
	E Z FS		12 50 20.-	0.8	2.40				

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
OCT 27 NFB									
H= 15 05 01.0									
LAT = 51.0 N									
LONG= 9.2 E									
DEPTH= 0 KM (GEOPHYSICIST)									
GERMANY									
NFB= QUARRYBLAST AT DORHEIM, HESSEN. SHOTPOINT NO. 113									
H= 15 05 01.01, 50 DEG. 57 MIN. 52.2 SEC. N, 9 DEG. 13 MIN. 7.2 SEC. E,									
HEIGHT= 320 METERS, CHARGE= 5.6 TONS									
							140	1.3	89.2 270.7
BNS	E E X	SG	15 05 43.5			2	200	1.8	315.6 134.1
GRF	I Z JM	PN	15 05 33.9			2			
	E Z JM	-	15 05 35.5			4			
	-I Z JM	PG	15 05 39.1			2			
	E N BE	SG	15 05 59.0						
NOV 02									
NO DETERMINATION OF EPICENTER									
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.									
FUR	-I Z SL	-	11 11 14.-	1.2	1.78	2			
	Z SL	MAXIMUM	11 11 47.-	1.7	2.29				
NOV 24 NFB									
H= 15 05 00.8									
LAT = 50.5 N									
LONG= 10.0 E									
DEPTH= 0 KM (GEOPHYSICIST)									
GERMANY									
NFB= QUARRYBLAST AT HILDERS/RHOEN, SHOTPOINT NO. 2									
H= 15 05 00.83, 50 DEG. 32 MIN. 31.8 SEC. N, 10 DEG. 02 MIN. 16.8 SEC. E									
HEIGHT= 730 METERS, CHARGE= 9.8 TONS									
GRF	E Z BE	PG	15 05 23.2			3	130	1.1	318.8 137.9
	E N BE	SG	15 05 39.8			2			
BUH	E Z GT	PN	15 05 42.5				250	2.2	31.5 212.9
NOV 28									
NO DETERMINATION OF EPICENTER									
FUR= EXPLOSION AT ESCHENLOHE, BAVARIA, WEST GERMANY.									
FUR	-I Z SL	-	11 09 21.-	1.0	2.11	7			

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
DEC 07									
NO DETERMINATION OF EPICENTER									
BNS= EXPLOSION SUPPOSED									
BNS	+I Z FS	PG	09 30 16.2						
	E E X	SG	09 30 22.-						
	E Z FS	-	09 30 27.5						
DEC 09									
NO DETERMINATION OF EPICENTER									
BNS= ROCKBURST SUPPOSED									
BNS	E Z FS	PG	01 25 29.5						
	E Z FS	SG	01 25 39.5						
DEC 12									
NO DETERMINATION OF EPICENTER									
BNS= ROCKBURST SUPPOSED									
BNS	E Z FS	PG	02 57 07.-						
	E E X	SG	02 57 18.-						
	E E X	-	02 57 25.-						
DEC 15									
NO DETERMINATION OF EPICENTER									
BNS= ROCKBURST SUPPOSED									
BNS	E Z FS	PG	15 13 30.0						
	E N X	SG	15 13 34.0						
DEC 22									
NO DETERMINATION OF EPICENTER									
BNS= ROCKBURST SUPPOSED									
BNS	E Z FS	PG	02 59 02.7						
	E Z FS	SG	02 59 12.4						
	E Z FS	-	02 59 18.0	1.2	2.26				
DEC 22									
NO DETERMINATION OF EPICENTER									
BNS= EXPLOSION SUPPOSED									
BNS	E Z FS	PG	12 51 36.0						
	E Z FS	SG	12 51 41.4						
	E Z FS	-	12 51 46.-						

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DISTANCE DEG.	AZIMUTH STAT. EPIC.
DEC 22									
NO DETERMINATION OF EPICENTER									
BNS= LOCAL. H= 13 13 44.									
BNS	I Z FS	PG	13 13 47.5	0.8	2.64				
	I N X	SG	13 13 50.4						
DEC 30 BCS									
H= 05 33 51.0									
LAT = 51.8 N									
LONG= 6.1 E									
GERMANY									
BNS= LOWER RHINE REGION, NEAR NIJMEGEN, GERMANY-NETHERLANDS BORDER REGION. FORESHOCK. H= 05 33 52, M(LOCAL) = 2.6.									
BNS	E E X	SG	05 34 30.5	0.5	2.15		120	1.1	321.6 140.7
	E N X	-	05 34 30.5	0.5	1.95				
DEC 30 BCS									
H= 05 48 26.0									
LAT = 51.8 N									
LONG= 6.1 E									
GERMANY									
BNS= LOWER RHINE REGION, 5 KM. SE OF NIJMEGEN, GERMANY-NETHERLANDS BORDER REGION. MAINSHOCK. H= 05 48 27, 51 DEG. 48 MIN. N, 05 DEG. 54 MIN. E, M(LOCAL)= 3.2, FELT IN THE REGION OF NIJMEGEN.									
BOC	-I Z B4	-	05 48 54.0	1.0	3.48	2	80	0.8	294.6 113.7
BNS	+I Z FS	PG	05 48 48.3	1.0	1.78		120	1.1	321.6 140.7
	+I E X	SG	05 49 04.5	0.6	2.64				
	I Z FS	-	05 49 04.8	0.6	2.54				
	+I N X	-	05 49 04.9	0.6	2.57				
BUH	E Z GT	PN	05 49 19.9				380	3.4	337.2 155.6
GRF	E Z BE	P	05 49 42.0			1	430	3.9	305.0 121.0
	E E BE	S	05 50 28.4			1			
DEC 31 BCS									
H= 08 00 20.0									
LAT = 51.8 N									
LONG= 6.1 E									
GERMANY									
BNS= LOWER RHINE REGION, NEAR NIJMEGEN, GERMANY-NETHERLANDS BORDER									

STATION ABBREV.	COMP. SEIS.	PHASE	TIME H M S	PER.	LOG. AMP.	S/N	DISTANCE KM	DEG.	AZIMUTH STAT.	EPIC.
REGION. AFTERSHOCK. H= 08 00 20, M(LOCAL)= 2.7.										
BNS	E Z FS	PG	08 00 42.1				120	1.1	321.6	140.7
	E E X	SG	08 00 59.0	0.5	2.15					
	E N X	-	08 00 59.3	0.4	2.20					
	E Z FS	-	08 00 59.3	1.0	2.00					
BUH	E Z GT	PN	08 01 14.3				380	3.4	337.2	155.6

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