Geophysikalisches Observatorium Collm

der Karl-Marx-Universität Leipzig

Geophysikalische Meßreihen

1. 79

Seismische Registrierungen

Geophysikalisches Observatorium

D D R - 7261 C O L L M

Geophysical measuring series
of the
Geophysical Observatory
of the Karl Marx University
Leipzig

Geophysikalische Meßreihen
des Geophysikalischen
Observatoriums
der Karl-Marx-Universität
Leipzig

C O L L M

S E I S M I C
R E C O R D S

S E I S M I S C H E
R E G I S T R I E R U N G E N

1st quarter of 1979

1. Quartal 1979

SEISMOLOGICAL STATION COLLM (CLL)

GEOGRAPHICAL CO-ORDINATES: LATITUDE = 51°18.6'N; LONGITUDE = 13°00.2'E; ELEVATION = 230 m
FOUNDATION: GREYWACKE OF ORDOVICE

SEISMOGRAPHS AND ITS CONSTANTS:

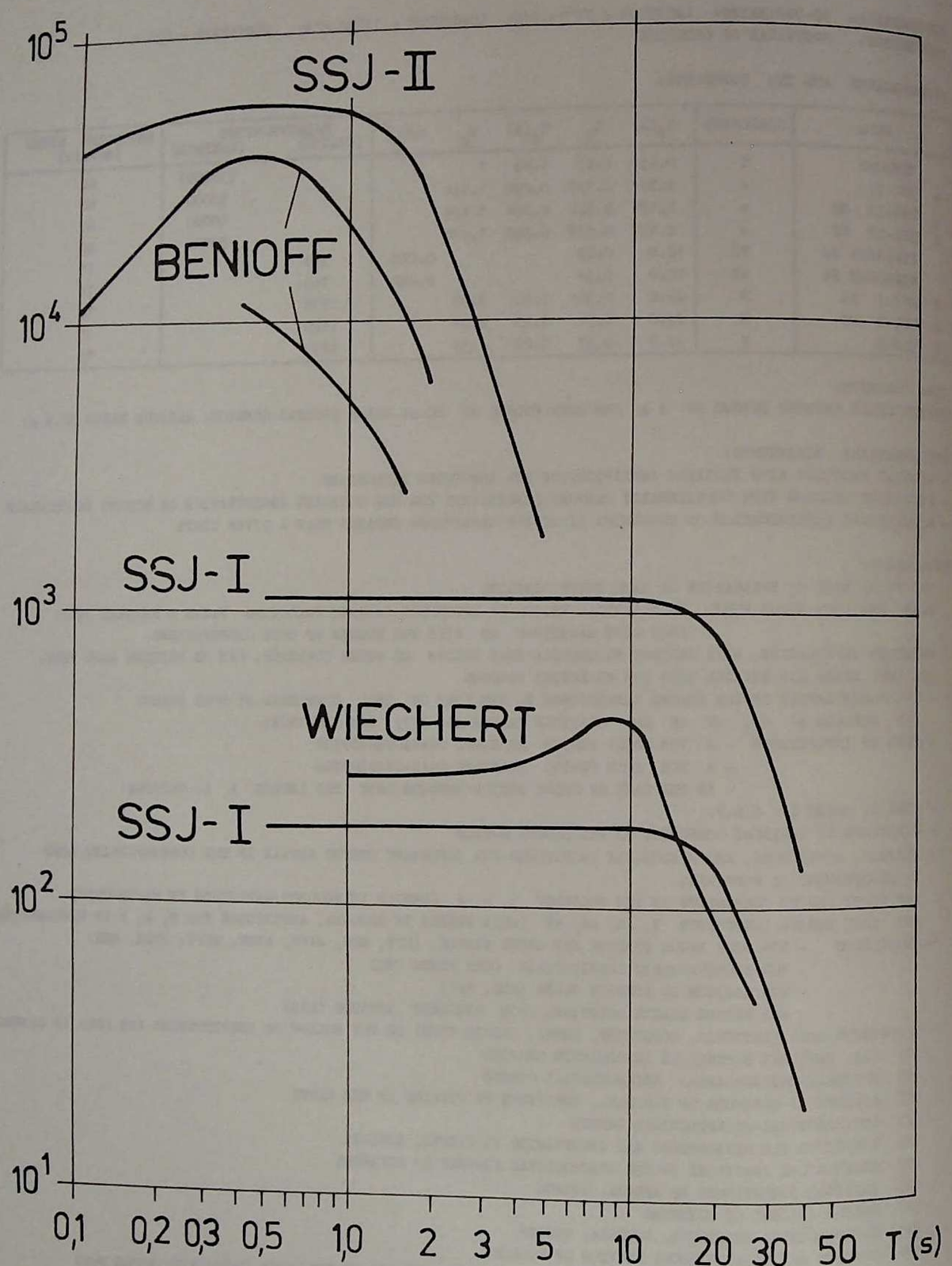
	TYPE	COMPONENT	T_s(s)	D_s	T_g(s)	D_g	r/T_s^2	MAGNIFICATION (STATIC)	MAGNIFICATION (MAXIMAL)	RECORDING SPEED (mm/min)
	BENIOFF	Z	0.452	0.65	1.43	1			(38000)	60
A	VSJ-II	z	2.175	0.537	0.296	1.474			55000	60
A	HSJ-II NS	n	2.171	0.537	0.294	1.474			60000	60
A	HSJ-II EW	e	2.171	0.537	0.293	1.474			58000	60
	WIECHERT NS	WN	10.0	0.28			0.026	370		15
	WIECHERT EW	WE	10.0	0.34			0.020	340		15
B	HSJ-I NS	N	20.0	0.50	1.10	9.09		1075		15
B	HSJ-I EW	E	20.0	0.51	1.21	8.24		1120		15
B	VSJ-I	V	20.0	0.51	1.20	8.35		1090		15

TIME SERVICE:
QUARTZ CLOCK (MINUTE PULSES OF 2 s AND HOUR PULSES OF 20 s; DAILY DIGITAL CONTROL; MAXIMUM ERROR ±0.2 s)

SUPPLEMENTARY EQUIPMENTS:
- SPECIAL RECORDER WITH VARIABLE AMPLIFICATION FOR ANNOUNCED EXPLOSIONS
- PERMANENT RECORDS WITH CONSIDERABLY REDUCED SENSITIVITY FOR THE COMPLETE REGISTRATION OF STRONG EARTHQUAKES
- AUTOMATICAL AMPLIFICATION OF RECORDING LIGHT FOR AMPLITUDES GREATER THAN A GIVEN LIMIT

EVALUATION:
THE FIRST LINE OF EVALUATION OF EACH EVENT CONTAINS
DATE AND (FOR KNOWN FOCI) GEOGRAPHICAL REGION OF EPICENTER (MOSTLY FOLLOWING FLINN & ENGDAHL 1965)
BODY WAVE MAGNITUDE MB WITH THE NUMBER OF USED OBSERVATIONS.
DETAILED INFORMATION, WITH RESPECT TO GEOGRAPHICAL REGION OR OTHER COMMENTS, CAN BE WRITTEN ALSO HERE.
THE NEXT LINES ARE DIVIDED INTO THE FOLLOWING COLUMNS
- THE NOMENCLATURE OF THE PHASES CORRESPONDS TO THE LIST OF ISC, COMPLETED BY SOME PHASES (pP APPEARS AS AP, sP AS XP, MULTIPLE PHASES AS P(1) FOR INSTANCE)
- TYPE OF INSTRUMENTS - A FOR SHORT PERIOD STANDARD CHARACTERISTICS
  - B FOR LONG PERIOD STANDARD CHARACTERISTICS
  - IN THE CASE OF SHORT PERIOD RECORDS ONLY THE LETTER A IS OMITTED!
- TIME OF ONSET IN G.M.T.
- DIRECTION OF VERTICAL COMPONENT OF THE GROUND MOTION
- PERIODS, AMPLITUDES, AND EVENTUALLY MAGNITUDES FOR IMPORTANT ONSETS APPEAR IN THE CORRESPONDING LINE IF MEASUREMENT IS POSSIBLE;
  FOR SHORT PERIOD COMPONENTS IN THE SEQUENCE z, n, e (PERIOD IN SECONDS/AMPLITUDE IN NANOMETRES)
  FOR LONG PERIOD COMPONENTS T, AN, AE, AV (MEAN PERIOD IN SECONDS, AMPLITUDES FOR N, E, V IN MICROMETRES)
- MAGNITUDES - FOR BODY WAVES THROUGH THE EARTH MANTLE (MPV, MPH, MPMV, MPMH, MPPV, MPPH, MSH)
  - FOR SHORTPERIODIC LONGITUDINAL CORE WAVES (MC)
  - FOR MAXIMUM OF SURFACE WAVES (MLH, MLV)
  - FOR STRONG QUAKES SOMETIMES FROM WIECHERT RECORDS (MAG)
- HYPOCENTER DATA (LATITUDE, LONGITUDE, DEPTH, ORIGIN TIME) OF THE FOLLOWING INSTITUTIONS ARE USED IN GENERAL
  (U) U.S. NATIONAL EARTHQUAKE INFORMATION SERVICE
  (B) EUROPEAN-MEDITERRANEAN SEISMOLOGICAL CENTRE
  (M) ACADEMY OF SCIENCES OF U.S.S.R., INSTITUTE OF PHYSICS OF THE EARTH
  (I) INTERNATIONAL SEISMOLOGICAL CENTRE
  (A) INSTITUTE FOR METEOROLOGY AND GEODYNAMICS IN VIENNA, AUSTRIA
  (C) GEOPHYSICAL INSTITUTE OF THE CZECHOSLOVAK ACADEMY OF SCIENCES
  (G) NATIONAL OBSERVATORY OF ATHENS, GREECE
  (P) POLISH ACADEMY OF SCIENCES
  (S) SEISMOLOGICAL INSTITUTE, UPPSALA, SWEDEN
  OWN COMMENTS ARE GIVEN WITHOUT MENTION OF SOURCE.
- MB IS THE BODY WAVE MAGNITUDE GIVEN BY (U). /MB/ IS PRINTED IN FEW OTHER CASES WITH FOCAL DATA OF OTHER INSTITUTIONS.
- EPICENTRAL DISTANCE D AND STATION AZIMUTH AZ ARE CALCULATED USING THE FIRST EPICENTER INDICATION AND ARE PRINTED ABOVE THESE DATA.
  D AND AZ ARE CALCULATED ACCORDING TO GEOCENTRIC CO-ORDINATES (D COMMONLY IN DEG, FOR NEAR EVENTS IN km, WITH A MAXIMUM ERROR OF ±0.1 DEG AND ±1 km, RESPECTIVELY; AZ IN DEG WITH A MAXIMUM ERROR OF ± 1 DEG).
- FOR COMPARISON WITH THE FIRST OWN EVALUATION "DISTANCE" AND "DEPTH" ARE GIVEN BELOW THE HYPOCENTER DATA.
- ROUND BRACKETS INDICATE UNCERTAINTIES.

NUMEROUS EXPLOSIONS AND ROCK BURSTS ARE LEAVED OUT IN THIS BULLETIN BECAUSE OF ITS UNIMPORTANT FORCE.
EVENTUAL INTERRUPTIONS OF RECORDS ARE INDICATED IN THE TIME SEQUENCE.
THE COMPILATION WAS PERFORMED AT THE COMPUTER CENTRE OF ZENTRALINSTITUT DER METALLURGIE, LEIPZIG.



Magnification curves
of COLLM seismographs

INTERRUPTION OF SOME RECORDS FROM 00H 08M TO 01H 02M (AT JAN 02)

1979 JAN 01 SOUTH OF HONSHU, JAPAN MB=5.2(32)
I P 00 33 54 2.2 / 37 D= 88.8 DEG AZ= 41
E 34 03 32.4N 141.7E 32KM H=00 21 18.6 (U)
I 34 18 32.6N 141.6E 3KM 00 21 15.2 (M)

1979 JAN 01 NEW HEBRIDES ISLANDS MB=5.2(37)
E PKP 12 43 00 D=137.8 DEG AZ= 38
14.4S 167.5E 190KM H=22 23 55.3 (U)

1979 JAN 01 KERMADEC ISLANDS REGION MB=5.3(107)
E PKP1 13 49 04 D=158.9 DEG AZ= 19
E PKP2 49 18 27.1S 175.9W 51KM H=23 29 06.1 (U)
25.4S 174.9W 126KM 23 29 16.5 (M)

1979 JAN 01 BURMA MB=5.3(64)
I P 19 02 06 C D= 68.5 DEG AZ= 83
E AP 02 23 20.9N 93.8E 62KM H=18 51 10.8 (U)
E PCP 02 32 20.6N 93.8E 33KM 18 51 05.6 (M)

1979 JAN 01 FIJI ISLANDS REGION MB=5.1(24)
I PKP1 20 49 22 C 0.9 / 61 D=145.5 DEG AZ= 20
17.8S 178.6W 585KM H=20 30 46.2 (U)
18.5S 178.9W 33KM 20 29 46.9 (M)

1979 JAN 01 SOUTHERN CALIFORNIA MB=5.1(23)
E P 23 27 16 D= 88.8 DEG AZ=321
34.0N 118.7W 11KM H=23 14 38.9 (U)
34.7N 119.0W 33KM 23 14 44.9 (M)

1979 JAN 02
L B 01 02

INTERRUPTION OF SOME RECORDS FROM 04H 23M TO 06H 17M

1979 JAN 02 CARLSBERG RIDGE MB=4.9(11)
E P 07 17 24 D= 62.8 DEG AZ=121
4.4N 62.1E 10KM H=07 07 01.3 (U)
4.7N 62.2E 33KM 07 07 57.4 (M)

1979 JAN 02 CARLSBERG RIDGE MB=5.0(29)
I P 08 14 29.5 2.3 / 98 D= 61.9 DEG AZ=121
4.5N 62.0E 10KM H=08 04 58.3 (U)
4.1N 62.1E 3KM 08 04 54.7 (M)

1979 JAN 02 CARLSBERG RIDGE MB=4.9(13)
E P 09 26 35 D= 61.9 DEG AZ=121
4.5N 62.0E 10KM H=09 16 14.3 (U)
4.2N 62.2E 3KM 09 16 10.6 (M)

1979 JAN 02 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4.8(36)
E P 11 09 57 D= 77.3 DEG AZ= 4
51.6N 173.3W 35KM H=10 58 05.0 (U)
51.3N 173.4W 33KM 10 58 03.6 (M)

1979 JAN 02 KURILE ISLANDS MB=4.3(4)
I P 13 04 57.1 D= 76.1 DEG AZ= 32
44.8N 146.3E 141KM H=12 53 21.3 (U)

1979 JAN 02 KERMADEC ISLANDS MB=5.1(7)
E PKP1 14 04 32 D=156.2 DEG AZ= 25
I PKP2 04 50.6 1.5 / 54 29.0S 178.2W 136KM H=13 44 44.0 (U)

1979 JAN 02 ANDREANOF ISLANDS, ALEUTIAN IS. MB=5.1(30)
I P 14 05 43.9 D= 77.2 DEG AZ= 4
51.7N 173.4W 31KM H=13 55 50.8 (U)

1979 JAN 02 ANDREANOF ISLANDS, ALEUTIAN IS. MB=5.2(20)
I P 14 07 43.4D D= 77.3 DEG AZ= 4
E 07 56.1 51.6N 173.3W 33KM H=13 55 51.5 (U)

INTERRUPTION OF SOME RECORDS FROM 14H 39M TO 19H 47M

1979 JAN 02 NEAR EAST COAST OF HONSHU, JAPAN MB=4.8(19)
E P 15 44 04 D= 81.5 DEG AZ= 41
E 44 15 35.9N 140.8E 80KM H=15 31 54.4 (U)
36.2N 139.9E 33KM 15 31 51.5 (M)

1979 JAN 02
L B 19 46

1979 JAN 02 CARLSBERG RIDGE MB=5.1(32)
E P 20 01 06 D= 61.7 DEG AZ=121
4.8N 62.1E 10KM H=19 58 45.9 (U)
4.0N 62.3E 3KM 19 58 39.4 (M)

1979 JAN 02 CARLSBERG RIDGE MB=4.9(4)
E P 21 31 29 2.0 / 48 D= 61.7 DEG AZ=121
4.8N 62.1E 10KM H=22 21 08.9 (U)

INTERRUPTION OF SOME RECORDS FROM 03H 48M TO 08H 11M

1979 JAN 03
LH B 05 14

1979 JAN 03 TAIWAN REGION MB=5.1(51)
I P 06 51 17.3D 1.1 / 29 D= 85.6 DEG AZ= 63
E AP 51 29 21.9N 120.7E 38KM H=06 38 51.2 (U)
22.2N 120.6E 3KM 06 38 47.8 (M)

INTERRUPTION OF SOME RECORDS FROM 07H 27M TO 09H 47M

1979 JAN 03 SOLOMON ISLANDS MB=4.6(5)
E APKP 10 58 46 D=126.1 DEG AZ= 48
6.9S 155.8E 99KM H=10 39 27.4 (U)
6.3S 150.8E 3KM 10 39 08.7 (M)

1979 JAN 03 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4.8(39)
E P 12 38 38 D= 77.3 DEG AZ= 4
51.6N 173.3W 33KM H=12 26 06.2 (U)
51.2N 173.3W 3KM 12 26 09.5 (M)

1979 JAN 03
E 14 29 46

1979 JAN 03 KURILE ISLANDS MB=5.0(19) D= 75.9 DEG AZ= 88
I P 22 00 48.6D 1.2 / 45 48.0N 155.1E 33KM H=22 49 03.7 (U)
I 01 10 48.2N 155.1E 3KM 22 49 09.3 (M)

1979 JAN 03 TRACES
E 23 05 03

1979 JAN 04 TRACES
E 00 03 22

1979 JAN 04
E 02 14 15

1979 JAN 04 HOKKAIDO, JAPAN REGION MB=4.5(9) D= 75.0 DEG AZ= 36
I P 02 42 19.4 43.8N 140.8E 242KM H=02 30 39.5 (U)
44.5N 140.7E 220KM 02 31 04.6 (M)

1979 JAN 04 BISMARCK SEA (U)
L B 03 21

1979 JAN 04 TONGA ISLANDS MB=4.9(2) D=149.4 DEG AZ= 13
I PKP1 04 36 03.1D 21.1S 174.0W 33KM H=04 16 16.0 (U)

1979 JAN 04 FIJI ISLANDS REGION MB=5.1(27) D=148.9 DEG AZ= 21
I PKP1 09 44 37.2D 1.4 / 83 21.5S 178.6W 532KM H=09 25 48.8 (U)
I PKP2 44 42.9 1.1 / 40 MC 04.9 20.8S 178.1W 3KM 09 24 53.5 (M)
E APKP 46 42 DISTANCE 148.5 DEG

1979 JAN 04 EASTERN CAUCASUS MB=4.6(7) D= 23.8 DEG AZ= 97
I(P) 20 56 41.3D 43.2N 46.2E 35KM H=20 51 20.7 (U)
43.4N 46.2E 33KM 20 51 21.9 (M)

1979 JAN 04
I(P) 22 03 48.5

1979 JAN 05 TONGA ISLANDS MB=5.3(9) D=149.8 DEG AZ= 13
I PKP1 05 51 14.2D 1.3 / 26 20.8S 174.2W 33KM H=05 31 27.8 (U)
E APKP 51 27

1979 JAN 05 SOUTH OF HONSHU, JAPAN MB=5.2(34) D= 85.0 DEG AZ= 41
E P 09 32 32 1.3 / 25 32.6N 141.6E 29KM H=09 20 17.4 (U)
E 33 18 33.0N 141.3E 1KM 09 20 16.4 (M)
L B 10 14

INTERRUPTION OF SOME RECORDS FROM 15H 49M TO 19H 35M

1979 JAN 05
LH B 19 38

1979 JAN 05 SOUTHERN IRAN MB=4.5(18) D= 39.5 DEG AZ=110
E P 20 07 50 27.8N 55.5E 33KM H=20 00 18.2 (U)
27.8N 55.7E 10KM 20 00 16.6 (B)
27.3N 55.3E 3KM 20 00 06.9 (M)

1979 JAN 06
E 00 43 28

1979 JAN 06 TRACES; CHAGOS ARCHIPELAGO REGION MB=4.8(3) D= 74.7 DEG AZ=123
E P 01 22 07 7.0S 68.0E 10KM H=01 18 24.5 (U)

1979 JAN 06 CZECHOSLOVAKIA
KLADNO
E PG 01 35 19
I SG 35 37.0 DISTANCE 145 KM

1979 JAN 06 PERU MB=5.2(67) D= 96.1 DEG AZ=268
I P 01 45 13.9D 1.6 / 42 8.9S 75.7W 33KM H=01 31 47.6 (U)
I AP 45 24.0D 9.0S 76.0W 20KM 01 31 46.7 (M)
E 46 47
E PP 49 03
LM B 02 29 T 20 AN 0.5 AE 2 AV 2 MLH 05.6 MLV 05.9

1979 JAN 06
E 03 11 32

1979 JAN 06 MICHOACAN, MEXICO MB=5.2(35) D= 91.0 DEG AZ=301
E P 12 04 33 18.3N 102.8W 32KM H=12 51 30.7 (U)

1979 JAN 06 COLOMBIA
E P 13 03 38 MB=4.9(11) D= 87.6 DEG AZ=271
E AP 03 47 2.2N 75.0W 36KM H=12 50 51.1 (U)

1979 JAN 06
I(P) 13 12 25.1C

1979 JAN 06 FIJI ISLANDS REGION
I PKP 21 35 10.4D MB=4.8(4) D=148.9 DEG AZ= 20
17.0S 178.8W 305KM H=22 16 28.5 (U)

1979 JAN 07 TONGA ISLANDS REGION
I PKP1 00 45 13.2D 1.3 / 52 MB=5.5(23) D=150.9 DEG AZ= 16
I 45 16.8 22.9S 175.9W 33KM H=00 25 23.5 (U)
E 45 28 (16.6S 174.0W 5KM 00 25 30.6 (M))
E 48 08

1979 JAN 07 TRACES
E 01 22 41

1979 JAN 07 NEW IRELAND REGION MB=5.6(44) D=122.8 DEG AZ= 49
I PKP 02 22 27.6 0.9 / 16 4.4S 153.4E 98KM H=02 03 41.2 (U)
E APKP 22 34 4.2S 153.4E 100KM 02 03 42.3 (M)

1979 JAN 07 KERMADEC ISLANDS REGION MB=5.5(32) D=155.6 DEG AZ= 21
E PKIKP 11 10 52 28.0S 176.6W 20KM H=11 51 01.4 (U)
I PKP1 11 03.0 1.2 / 28 28.1S 176.2W 33KM 11 51 01.5 (M)
E APKP1 11 16
E PKP2 11 19 1.3 / 50 MC 05.3
E APKP2 11 32
E 14 17
E 15 18
L B 12 29

1979 JAN 07
E(P) 11 12 39
E 12 45
E 13 06

1979 JAN 07 SOUTH OF KERMADEC ISLANDS NO MB COMP. D=160.2 DEG AZ= 30
E PKP2 12 28 09 1.7 / 26 33.5S 178.8W 33KM H=12 07 33 (I)
E APKP2 28 16

1979 JAN 07
E 15 47 41

1979 JAN 07
E 20 13 33

1979 JAN 07 SOUTH OF FIJI ISLANDS MB=4.6(9) D=151.8 DEG AZ= 25
I PKP1 23 16 15.2D 0.7 / 16 24.0S 179.9W 447KM H=22 57 14.7 (U)

1979 JAN 08 HOKKAIDO, JAPAN REGION MB=5.0(48) D= 77.2 DEG AZ= 36
I P 00 51 40.3C 0.8 / 20 42.0N 142.5E 70KM H=00 39 52.9 (U)
E AP 51 59 42.4N 142.6E 33KM 00 39 50.4 (M)

1979 JAN 08 TRACES; IONIAN SEA MB=4.0(14) D= 14.5 DEG AZ=154
E 02 15 10 37.9N 20.9E 54KM H=02 11 37.7 (U)
38.4N 21.3E 49KM 02 11 45.0 (B)

1979 JAN 08 TAJIK-SINKIANG BORDER REGION MB=4.7(32) D= 43.4 DEG AZ= 83
I P 02 49 30.1 0.8 / 20 38.4N 73.2E 102KM H=02 41 36.3 (U)
E PP 51 18 38.6N 73.0E 104KM 02 41 38.1 (M)
E 52 06

1979 JAN 08 CENTRAL YUGOSLAVIA NO MB COMP. D= 7.4 DEG AZ=164
E PN 06 44 55 44.2N 15.8E 10KM H=06 43 05.0 (U)
E(PG) 45 36 44.2N 15.9E 10KM 06 43 06.7 (B)
E SN 46 14
E 46 50
E SG 47 05

1979 JAN 08 KURILE ISLANDS MB=5.2(59) D= 77.5 DEG AZ= 31
I P 12 24 16.9C 1.2 / 100 44.0N 148.3E 33KM H=12 12 24.1 (U)
I AP 24 28.4 44.6N 148.1E 65KM 12 12 30.5 (M)

1979 JAN 08 KURILE ISLANDS MB=4.3(1) D= 77.1 DEG AZ= 31
E P 13 29 05 44.3N 148.1E 33KM H=13 17 13.2 (U)

1979 JAN 08 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4.8(33) D= 77.3 DEG AZ= 4
E(P) 16 13 43 51.6N 173.2W 43KM H=16 01 49.5 (U)
E 13 50 52.0N 173.6W 57KM 16 01 53.6 (M)

1979 JAN 08 KURILE ISLANDS MB=4.7(4) D= 75.6 DEG AZ= 25
I P 16 42 42.9D 48.3N 155.0E 38KM H=16 31 00.3 (U)
48.3N 155.0E 33KM 16 31 00.3 (M)

1979 JAN 08 SOUTH OF KERMADEC ISLANDS MB=5.1(3) D=159.3 DEG AZ= 31
E PKP2 19 30 38 32.7S 179.4W 32KM H=19 10 06.7 (U)
E 30 44

1979 JAN 08
E 20 40 21

1979 JAN 09
E 00 33 26

1979 JAN 09
E 02 00 14

INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 12H 10M TO 15H 40M

1979 JAN 09 SOUTH OF KERMADEC ISLANDS MB=5.2(3) D=160.2 DEG AZ= 27
E PKP2 16 44 02 33.1S 177.7W 33KM H=16 23 24.3 (U)
E APKP2 44 18
E PP 47 40

1979 JAN 09 SOUTHEAST ASIA MB=4.9(15) D= 73.3 DEG AZ= 77
E P 23 45 16 21.0N 102.0E 33KM H=23 33 44.6 (U)
21.0N 102.1E 1KM 23 33 40.0 (M)

1979 JAN 10 SOUTHERN IRAN MB=5.6(78) D= 43.7 DEG AZ=106
I P(1) 01 34 12.8C 1.6 / 89 26.6N 60.9E 33KM H=01 26 09.0 (U)
I P(2) 34 17 1.4 / 139 26.5N 61.0E 10KM 01 26 06.9 (B)
E S 40 41 26.5N 61.0E 1KM 01 26 04.0 (M)
E SS B 44.1 DISTANCE 44 DEG
LM B 56 T 10 AN 20 AE 6.5 AV 9.5 MLH 06.1 MLV 05.6
FINAL 03

1979 JAN 10 SOUTHERN IRAN /4.3(2)/ D= 43.7 DEG AZ=106
E AP 02 45 29 26.4N; 60.8E 33KM H=02 37 16 (I)

1979 JAN 10 LAKE BAIKAL REGION MB=4.8(20) D= 53.9 DEG AZ= 44
E(P) 07 40 27 55.5N;111.2E 33KM H=07 38 00.5 (U)
LM B 08 06 55.7N;111.0E 28KM 07 38 59.8 (M)

1979 JAN 10
E(P) 08 05 00 C 1.0 / 18

1979 JAN 10 LAKE BAIKAL REGION MB=4.9(18) D= 54.1 DEG AZ= 44
E(P) 10 03 55 55.3N;111.4E 33KM H=09 59 29.4 (U)
55.4N;111.5E 2KM 09 59 24.9 (M)

1979 JAN 10 CHIAPAS, MEXICO MB=5.6(88) D= 86.9 DEG AZ=293
I P AB 13 36 43.3C 2.4 / 380 16.9N; 93.5W 156KM H=13 29 14.3 (U)
E 36 52 16.2N; 93.9W 131KM 13 29 08.4 (M)
E AP 37 24 DISTANCE 86 DEG DEPTH 160 KM
E S B 47 10
E XS B 48 16

1979 JAN 10 SOUTHERN IRAN MB=5.6(75) D= 43.8 DEG AZ=106
E P(1) AB 15 13 51 26.5N; 61.0E 33KM H=15 05 48.0 (U)
I P(2) 13 53.5 2.1 / 350 26.5N; 61.1E 10KM 15 05 46.6 (B)
E S B 20 20 T 14 AN 3.5 AE 2.5 MSH =6.0 26.6N; 61.0E 3KM 15 05 43.9 (M)
E SS B 23.6 DISTANCE 44 DEG
LM B 36 T 18 AN 31 AE 10 AV 16 MLH =6.3 MLV =6.1
FINAL 16

1979 JAN 10 FRG, SOUTHWESTERN REGION NO MB COMP. D= 4.1 DEG AZ=222
E(SG) 15 53 01 48.2N; 8.9E 10KM H=15 50 54.7 (U)
48.2N; 8.9E 10KM 15 50 55.4 (B)

1979 JAN 10
I P 16 33 10.4

1979 JAN 10 TRACES: IRAN MB=4.7(9) D= 36.5 DEG AZ=102
E P 16 35 19 33.5N; 57.2E 33KM H=16 28 15.6 (U)
33.5N; 57.3E 1KM 16 28 11.4 (M)

1979 JAN 10
E 19 22 17

1979 JAN 10 SOUTH OF FIJI ISLANDS MB=4.9(16) D=151.5 DEG AZ= 22
I PKP1 21 17 28.4 0.9 / 21 24.2S;178.5W 350KM H=20 58 14.6 (U)

1979 JAN 11 SOUTHERN IRAN MB=4.8(24) D= 43.9 DEG AZ=106
E P 03 41 22 26.4N; 61.0E 33KM H=03 33 15.8 (U)
26.4N; 61.5E 10KM 03 33 12.6 (B)
26.3N; 61.0E 1KM 03 33 11.6 (M)

1979 JAN 11
I P 04 14 18.1 1.1 / 18

1979 JAN 11 SOUTHERN SUMATERA MB=5.7(51) D= 92.1 DEG AZ= 94
E P AB 06 41 21 4.1S;101.3E 32KM H=06 28 13.7 (U)
E PP B 45 00 4.1S;101.3E 40KM 06 28 14.3 (M)
E 45 49
E S B 52 18
E XS AB 52 38
E PS B 53 44
LM B 07 29 T 18 AN 10 AE 5 AV 4.5 MLH =6.3 MLV =6.8
FINAL 08 30

1979 JAN 11 TRACES, EXPLOSION
I PG 13 54 43.9
I SG 54 58.0

1979 JAN 11 POLAND, UPPER SILESIA
E 19 54 13

1979 JAN 12 GUATEMALA MB=5.4(85) D= 87.8 DEG AZ=290
E P AB 04 11 42 1.5 / 43 14.3N; 91.5W 95KM H=03 59 01.9 (U)
E 11 59 14.2N; 91.8W 33KM 03 58 55.3 (M)
E 13 28
E S B 22 11
E PS B 23.6
E SS B 28.3
LH B 44 T 24 AN 2.5 AE 2.5 AV 2.5 MLH =5.7 MLV =5.6 (NO DEPTH CORRECTION)

1979 JAN 12 SOUTHERN IRAN MB=4.8(21) D= 44.0 DEG AZ=106
E P 08 23 29 26.3N; 61.1E 33KM H=08 19 21.2 (U)
26.2N; 61.4E 10KM 08 19 18.3 (B)
26.6N; 61.3E 33KM 08 19 23.8 (M)

1979 JAN 12 TRACES: EXPLOSION OF 12./ TONS: CZECHOSLOVAKIA D=108 KM AZ=128 (C)
E PG 09 26 45 (50.70N;14.21E)
I(SG) 26 58.7
I L 27 06

1979 JAN 12 POLAND, UPPER SILESIA NO MB COMP. D=430 KM AZ=103
E PG 13 52 56 50.27N;18.88E H=13 58 40.5 (P)
E SG 53 51 50.4N; 19.6E 33KM 13 58 46.3 (U)

1979 JAN 12 NORTH ATLANTIC OCEAN MB=5.3(80) D= 26.7 DEG AZ=246
E P 14 54 42 1.5 / 27 35.6N; 17.2W 11KM H=14 49 01.7 (U)
I 54 50.7 35.5N; 17.2W 10KM 14 49 03.5 (B)
E(S) 59 24 35.7N; 17.1W 3KM 14 49 01.2 (M)
LMH B 15 03 T 16 AN 2 AE 1 AV 1 MLH =4.8 DISTANCE 28 DEG
LMV B 06 T 12 AN 2 AV 1.5 MLV =4.9

1979 JAN 12 CARLSBERG RIDGE MB=4.0(12) D= 61.7 DEG AZ=121
I P 22 55 17.9 1.0 / 46 4.8N; 62.2E 10KM H=22 44 56.3 (U)
3.1N; 62.6E 3KM 22 44 42.8 (M)

1979 JAN 12
E P 23 14 56

1979 JAN 13
E 03 02 26
E 02 33

1979 JAN 13 CYPRUS MB=4.2(11) D= 20.1 DEG AZ=133
E(P) 04 50 24 35.9N; 31.0E 33KM H=04 45 47.4 (U)
35.7N; 30.9E 50KM 04 45 51.1 (B)
35.3N; 31.1E 33KM 04 45 44.4 (M)

1979 JAN 13 SOUTH ATLANTIC RIDGE MB=5.2(23) D= 90.8 DEG AZ=204
E P 19 46 38 35.2S; 16.6W 10KM H=19 33 39.9 (U)
E 46 50 36.0S; 16.1W 33KM 19 33 39.8 (M)
E(PP) 50 06
E SS B 20 03 24
LM B 25 T 18 AN 1.5 AE 1.5 AV 2

1979 JAN 14 NORTHERN SUMATERA MB=4.7(7) D= 87.9 DEG AZ= 92
E P 09 41 16 0.4N;100.1E 164KM H=09 28 43.8 (U)
0.2S;100.2E 33KM 09 28 25.5 (M)

1979 JAN 14 NORWEGIAN SEA /4.2(2)/ D= 21.9 DEG AZ=355
E P 12 20 23 72.9N; 6.3E 0KM H=12 15 27.1 (I)

1979 JAN 14 SOUTH OF FIJI ISLANDS MB=5.2(24) D=149.7 DEG AZ= 23
I PKP1 12 48 12.1C 1.2 / 130 22.5S;179.3W 494KM H=12 29 17.7 (U)
I PKP2 48 19.2 1.3 / 70 22.5S;179.7W 3KM 12 28 23.8 (M)

1979 JAN 14 NEAR ISLANDS, ALEUTIAN ISLANDS MB=4.9(59) D= 74.8 DEG AZ= 14
I P 15 24 42.0C 1.4 / 23 53.3N;170.3E 35KM H=15 13 08.7 (U)
E AP 24 53 53.2N;170.0E 35KM 15 13 08.6 (M)
E 28 37

1979 JAN 14 SOUTH OF HONSHU, JAPAN MB=4.9(68) D= 87.8 DEG AZ= 45
I P 16 11 36.4C 1.3 / 26 29.3N;139.5E 397KM H=15 59 34.1 (U)
E PP 15 06 29.5N;139.5E 410KM 15 59 36.6 (M)

1979 JAN 15 HOKKAIDO, JAPAN, REGION MB=4.6(26) D= 75.4 DEG AZ= 36
E P 06 04 14 43.4N;140.9E 185KM H=05 52 49.0 (U)
44.2N;140.5E 202KM 05 52 55.9 (M)

1979 JAN 15 TRACES: SOUTHERN IRAN MB=4.6(23) D= 40.2 DEG AZ=109
E 12 35 04 27.7N; 56.5E 33KM H=12 27 02.7 (U)
27.1N; 57.2E 10KM 12 26 54.7 (B)
26.9N; 56.6E 33KM 12 26 57.5 (M)

1979 JAN 15 WESTERN POLAND
E PG 17 28 38
E SG 29 03

1979 JAN 15 POLAND, UPPER SILESIA
E 18 24 53

1979 JAN 15
E 20 23 09

1979 JAN 15 NORTHERN ITALY NO MB COMP. D= 6.2 DEG AZ=203
E SG 20 38 05 45.5N; 9.6E 10KM H=20 34 41.3 (U)
45.5N; 9.4E 10KM 20 34 43.4 (B)

1979 JAN 15 NEAR EAST COAST OF KAMCHATKA MB=4.9(43) D= 73.5 DEG AZ= 22
I P 20 54 28.9D 1.1 / 31 51.4N;158.3E 97KM H=20 43 01.5 (U)
51.7N;158.2E 66KM 20 43 03.6 (M)

1979 JAN 16 FOX ISLANDS, ALEUTIAN ISLANDS MB=5.5(98) D= 76.6 DEG AZ= 1
I P 07 25 17.3C 1.6 / 95 52.5N;167.9W 44KM H=07 13 31.0 (U)
E AP 25 29 52.8N;168.6W 62KM 07 13 35.6 (M)
LMH B 08 05 T 16 AN 1 AE 1 AV 0.5
LMV B 09 T 16 AV 1.5

1979 JAN 16 IRAN MB=5.9(101) D= 37.7 DEG AZ= 99
E P(1) AB 09 57 23 C T 5 AN 1.0 AE 2.5 AV 3.9 MPH =6.5 MPV =6.4 33.9N; 59.5E 33KM H=09 50 10.1 (U)
E P(2) AB 57 27 1.0 / 400 MPV =6.1 34.0N; 59.5E 34KM 09 50 12.6 (B)
E 57 47 34.4N; 59.7E 1KM 09 50 07.4 (M)
I PP AB 58 58 DISTANCE 37.5 DEG
E 59 55
E S B 10 03 14 T 16 AN 8.8 AE 14.0 MSH =6.6
E B 04 12
E B 04 36
E SS B 05 44
LMH B 16 T 16 AN(155) AE 84 MLH =7.0
LMV B 17 T 14 AV 65 MLV =6.7
FINAL 12

(U)

1979 JAN 16 RYUKYU ISLANDS
LMH B 13 31 T 16 AN 2 AE 1.5 AV 0.5
LMV B 37 T 14

1979 JAN 16 IRAN /4.6(12)/ D= 37.6 DEG AZ= 99
E P 13 52 46 34.2N; 59.7E 1KM H=13 45 25.9 (I)
E(PP) 54 11 34.2N; 59.9E 1KM 13 45 26.1 (M)

1979 JAN 16 SOUTHEAST INDIAN RIDGE — MB=5.8(181) — D=129.1 DEG AZ=136
E(PKP) 15 24 03 — 45.6S 96.2E 10KM H=15 05 05.2 (U)
E PP 25 22 — 43.0S 96.7E 1KM 15 05 11.0 (M)
E 26 34
E SSS B 46 12
LM B 16 20

1979 JAN 16 GREECE-ALBANIA BORDER REGION — D= 11.6 DEG AZ=131
E L 18 03 21 — 40.9N 20.4E 10KM H=23 56 31.2 (B)

1979 JAN 17 IRAN — MB=5.1(39) — D= 36.3 DEG AZ=102
I P 03 36 32 — 33.8N 57.1E 33KM H=03 29 49.5 (U)
E P 33.7N 57.0E 10KM 03 29 49.1 (B)
E 37 05 — 33.8N 57.2E 1KM 03 29 45.9 (M)

1979 JAN 17 IRAN — MB=4.7(35) — D= 37.5 DEG AZ= 99
I P 07 59 56.4C 1.0 / 19 — 34.0N 59.4E 33KM H=03 58 43.4 (U)
34.0N 59.4E 10KM 03 58 42.4 (B)
34.1N 59.7E 1KM 03 58 38.5 (M)

1979 JAN 17 UNDERGROUND EXPLOSION — MB=6.0(80) MSv 6.1 — D= 22.9 DEG AZ= 85
I P AB 08 05 01.3C 1.3 / 838 — 47.9N 48.1E 0KM H=03 59 55.7 (U)
I 05 12 — 48.0N 48.1E 0KM 03 59 50.1 (B)
LM B 15.5 T 11 AN 1.5 AE 1 AV 1.5 MLH 4.8 MLV 4.9 DISTANCE 2275 DEG

1979 JAN 17 SOLOMON ISLANDS — MB=5.2(41) — D=130.8 DEG AZ= 44
I PKP 14 35 04.6C 1.1 / 29 — 9.5S 161.1E 93KM H=19 16 01.4 (U)
E APKP 35 26 — 8.8S 160.9E 126KM 19 16 08.7 (M)
E PP 37 20
I SKP 38 23.1C 2.1 / 165
I 38 29.0
E 39 00

1979 JAN 17 MOROCCO — MB=4.5(18) — D= 22.2 DEG AZ=224
E P 17 48 31 — 33.6N 5.3W 33KM H=12 43 35.8 (U)
E S 52 27 — 33.3N 5.3W 10KM 12 43 31.4 (B)
33.6N 5.3W 3KM 12 43 32.0 (M)

1979 JAN 17
LM B 18 17 T 17 AN 1.5 AE 1.5 AV 2

1979 JAN 17 SOUTH OF MARIANA ISLANDS — MB=5.2(40) — D=108.7 DEG AZ= 47
E 18 30 13 — 13.4N 146.0E 61KM H=18 12 09.0 (U)
14.1N 146.0E 68KM 18 12 11.8 (M)

1979 JAN 17 OFF EAST COAST OF KAMCHATKA — MB=5.2(39) — D= 72.5 DEG AZ= 20
I P 19 21 03.1C 1.2 / 135 — 52.9N 159.9E 48KM H=12 09 40.4 (U)
53.1N 159.6E 52KM 12 09 42.0 (M)

1979 JAN 17 SOUTH OF MARIANA ISLANDS — MB=5.5(49) — D=103.7 DEG AZ= 47
E P 19 41 08 — 13.4N 146.0E 55KM H=12 27 10.8 (U)
E PP 45 23 — 13.7N 146.0E 61KM 12 27 12.2 (M)
LM B 20 32 T 18 AN 1.5 AE 1.5 AV 2.5

1979 JAN 18 IRAN — MB=5.0(50) — D= 37.7 DEG AZ= 99
I P 00 32 17.6 0.8 / 38 — 33.9N 59.9E 33KM H=00 25 02.6 (U)
E PP 33 45 — 34.1N 59.9E 73KM 00 25 09.3 (B)
34.1N 59.6E 1KM 00 24 59.3 (M)

1979 JAN 18
E 00 50 27

1979 JAN 18
I P 00 52 54.0

1979 JAN 18 SOUTHERN IRAN — MB=4.8(25) — D= 43.8 DEG AZ=106
E P 01 29 52 — 26.4N 60.0E 33KM H=01 21 46.6 (U)
LM B 53 T 16 AN 1 AE 0.5 AV 0.5 — 26.4N 61.0E 10KM 01 21 45.0 (B)
26.7N 60.9E 3KM 01 21 44.8 (M)

1979 JAN 18 TRACES
E 02 57 14

1979 JAN 18 KURILE ISLANDS — MB=4.3(18) — D= 75.6 DEG AZ= 30
I P 05 53 53.0C — 46.4N 149.3E 210KM H=05 42 51.9 (U)

1979 JAN 18 BANDA SEA — MB=5.3(50) — D=108.5 DEG AZ= 79
I PKP 14 08 03.7C — 7.3S 123.2E 578KM H=15 50 39.7 (U)
7.4S 123.2E 502KM 15 50 53.0 (M)

1979 JAN 19
E 00 29 47

1979 JAN 19 SOUTH OF FIJI ISLANDS — NO MB COMP. — D=150.4 DEG AZ= 86
E PKP1 03 50 09 — 33.6S 179.2E 591KM H=03 31 19 (I)

1979 JAN 19 NORTHERN YUGOSLAVIA — NO MB COMP. — D= 6.8 DEG AZ=158
E 04 31 02 — 45.7N 16.2E 10KM H=04 27 54.9 (U)
I SG 31 16.8 — 45.8N 16.2E 10KM 04 27 56.4 (B)

1979 JAN 19 HOKKAIDO, JAPAN, REGION — MB=4.5(9) — D= 78.8 DEG AZ= 38
E P 09 19 38 — 41.6N 143.8E 91KM H=00 07 42.2 (U)

1979 JAN 19 SOUTHERN IRAN — MB=4.7(13) — D= 43.9 DEG AZ=106
E P 10 14 01 — 26.3N 61.0E 10KM H=10 05 51.3 (U)
25.3N 61.2E 33KM 10 05 46.7 (M)

1979 JAN 19 TRACES
E 10 41 19

1979 JAN 19 HOKKAIDO, JAPAN, REGION — MB=5.5(74) — D= 78.2 DEG AZ= 38
I P 12 08 14.6D 1.7 / 61 — 41.5N 143.9E 37KM H=22 56 15.0 (U)
I(AP) 08 21.2 — 42.3N 143.6E 1KM 22 56 16.6 (M)
E 11 40
E 11 49
LM B 45 T 16 AN 1 AE 3 AV 0.5

1979 JAN 19 IRAN — MB=5.0(53) — D= 37.6 DEG AZ= 99
I P 19 36 58.2C 2.2 / 128 — 33.9N 59.4E 33KM H=19 29 45.2 (U)
E PP 38 25 — 34.0N 59.4E 99KM 19 29 49.1 (B)
34.0N 59.5E 1KM 19 29 40.8 (M)

1979 JAN 19 KURILE ISLANDS — MB=5.0(44) — D= 77.3 DEG AZ= 31
I P 19 58 37.0 1.0 / 48 — 44.5N 149.1E 32KM H=19 46 44.9 (U)
45.0N 148.9E 59KM 19 46 50.1 (M)

1979 JAN 19
E(PG) 22 59 48
I SG 23 00 05.8

1979 JAN 19 EASTERN TURKEY — MB=4.9(38) — D= 21.8 DEG AZ=112
E P 23 41 49 1.6 / 63 — 39.8N 39.6E 10KM H=23 36 57.8 (U)
LM B 53 — 39.5N 39.5E 65KM 23 37 06.8 (B)
40.0N 39.4E 1KM 23 36 56.9 (M)

1979 JAN 20 TRACES
E 00 50 29

1979 JAN 20 WESTERN POLAND
E SG 02 00 52

1979 JAN 20 EASTERN TURKEY — MB=4.8(4) — D= 21.6 DEG AZ=111
E P 03 50 54 1.5 / 27 — 40.1N 39.6E 10KM H=03 46 02.9 (U)
40.1N 39.6E 10KM 03 46 04.2 (B)
40.1N 39.5E 3KM 03 46 00.9 (M)

1979 JAN 20 NEAR EAST COAST OF HONSHU, JAPAN — MB=4.9(20) — D= 81.3 DEG AZ= 40
I P 09 14 00.3D — 36.6N 141.8E 67KM H=09 01 49.5 (U)
36.8N 141.3E 89KM 09 01 52.8 (M)

1979 JAN 20 SICILY — MB=5.2(41) — D= 12.6 DEG AZ=180
E P 13 53 03 — 38.7N 12.9E 9KM H=13 49 59.0 (U)
E 53 14 — 38.6N 12.9E 10KM 13 50 01.3 (B)
LM B 58 T 12 AN 4.5 AE 2.5 AV 5 — 38.8N 12.8E 3KM 13 49 58.8 (M)

1979 JAN 20 SOUTH OF FIJI ISLANDS — MB=5.3(25) — D=149.5 DEG AZ= 23
I PKP1 18 14 03.1C 1.0 / 33 — 22.3S 179.5W 501KM H=12 55 17.9 (U)
E APKP 16 21 — 22.4S 178.9W 33KM 12 54 19.8 (M)

1979 JAN 21 FIJI ISLANDS REGION — MB=4.6(7) — D=147.7 DEG AZ= 19
I PKP1 00 30 50.8C 0.9 / 41 — 20.0S 177.5W 517KM H=00 12 04.8 (U)
E SKP 33 43

1979 JAN 21 TRACES
E P 01 53 11

1979 JAN 21 SOUTHERN IRAN — MB=4.3(9) — D= 44.1 DEG AZ=106
E P 04 40 19 — 26.2N 61.1E 10KM H=04 32 08.5 (U)

1979 JAN 21 IRAN — MB=4.2(4) — D= 37.7 DEG AZ= 99
E P 19 07 07 — 33.9N 59.6E 33KM H=18 59 50.8 (U)
34.5N 59.9E 33KM 18 59 54.8 (M)

1979 JAN 21
I P 22 26 18.3

1979 JAN 22 CARLSBERG RIDGE — MB=5.1(38) — D= 61.7 DEG AZ=121
I P 02 02 47.5D 1.5 / 25 — 4.9N 62.2E 11KM H=01 52 27.4 (U)
4.8N 62.4E 3KM 01 52 25.4 (M)

1979 JAN 22 VIRGIN ISLANDS — MB=5.1(35) — D= 67.6 DEG AZ=273
E(P) 04 36 45 — 19.2N 64.6W 45KM H=04 29 45.7 (U)
LM B 05 01 — 19.1N 64.7W 33KM 04 25 44.8 (M)

1979 JAN 22 FRG, SOUTHWESTERN REGION — NO MB COMP. — D= 4.1 DEG AZ=223
E SG 13 12 17 — 48.2N 8.8E 10KM H=13 10 12.4 (U)
48.3N 8.9E 10KM 13 10 12.2 (B)

1979 JAN 22 RAT ISLANDS, ALEUTIAN ISLANDS — MB=5.4(87) — D= 76.9 DEG AZ= 11
E P 18 03 24 1.6 / 26 — 51.1N 175.2E 33KM H=17 51 36.1 (U)
51.4N 174.7E 38KM 17 51 39.0 (M)

1979 JAN 22 POLAND, UPPER SILESIA — D=430 KM AZ=103
E 18 52 07 — 50.2N 18.8E H=20 46 46.5 (P)

1979 JAN 22 POLAND, UPPER SILESIA
E 20 48 50
E SG 48 55

1979 JAN 23
E P 01 52 28

1979 JAN 23 WESTERN POLAND
E PN 03 12 44
E SG 13 11

1979 JAN 23 GREECE-ALBANIA BORDER REGION — MB=3.5(21) — D= 11.7 DEG AZ=150
E LQ1 04 17 19 — 40.9N; 20.6E 16KM H=06 11 27.2 (U)
E 18 39 — 40.9N; 20.7E 10KM 06 11 18.2 (B)
E 18 47

1979 JAN 23 TONGA ISLANDS — MB=4.7(59) — D=145.8 DEG AZ= 11
I PKP 05 59 48.6D 1.2 / 22 — 16.6S; 173.3W 33KM H=05 40 14.7 (U)
E 06 00 07

1979 JAN 23
E 12 07 15

1979 JAN 23 VIRGIN ISLANDS — MB=4.0(6) — D= 67.5 DEG AZ=273
E(P) 19 06 27 — 19.3N; 64.6W 24KM H=18 55 26.9 (U)

1979 JAN 23
I PKP 20 02 27.0

1979 JAN 23 NEW HEBRIDES ISLANDS — MB=5.3(9) — D=140.8 DEG AZ= 40
E PKP 22 02 47 — 17.5S; 167.9E 33KM H=22 43 20.2 (U)
17.8S; 166.0E 1KM 22 43 16.9 (M)

1979 JAN 24 SOLOMON ISLANDS — MB=5.5(40) — D=125.2 DEG AZ= 48
I PKP 01 49 42.5C 1.5 / 30 — 6.2S; 155.2E 100KM H=02 38 59.4 (U)
E PP 51 31 — 6.3S; 154.9E 33KM 02 38 45.0 (M)

1979 JAN 24
E 04 23 44

1979 JAN 24
E 04 26 32

1979 JAN 24
E 05 12 08

1979 JAN 24 CENTRAL ITALY — NO MB COMR; — D= 8.5 DEG AZ=180
E 11 02 49 — 42.8N; 13.0E 19KM H=18 58 39.9 (U)
42.9N; 13.2E 10KM 18 58 38.7 (M)

1979 JAN 24 NORTHERN ITALY — NO MB COMR; — D= 7.4 DEG AZ=106
E SG 19 49 40 — 44.0N; 11.9E 33KM H=19 45 44.3 (U)
E 49 53 — 44.1N; 12.0E 10KM 19 45 43.1 (M)

1979 JAN 25 KERMADEC ISLANDS — MB=6.0(59) — D=157.2 DEG AZ= 24
E PKIKP AB 04 28 09 C 2.1 / 120 — 29.9S; 177.8W 14KM H=04 08 14.2 (U)
T 12 Av 2.5 — 29.9S; 178.0W 33KM 04 08 17.9 (M)
I PKP1 28 22.0C 1.5 / 86 — DISTANCE 157 DEG
I PKP2 28 41.4C 1.4 / 400 — MC =6.0
E APKP2 28 57
I 29 01.3
E PP AB 32 17 2.1 / 150 — MPPW =5.7
T 11 Av 2.3 MPPW =6.2
E B 36 14
E 36 49
E PCPPKP 38 31
E SKKS B 39 04
E PSKS B 42.5
E PPS B 45.6
E SS B 52.3
E SSS B 58
LMH B 05 32 T 24 AN 7.5 AE 4.5 AV 4 MLH =6.4
LMV B 33 T 19 AV 4.5 MLV =6.4
FINAL 07

1979 JAN 25 TRACES
E 05 24 33

1979 JAN 25
I P 09 56 32.3C 1.0 / 14

1979 JAN 25
E 11 09 04

1979 JAN 25 TRACES, EXPLOSION; NORTHWESTERN CZECHOSLOVAKIA — D=122 KM AZ=192
I PG 12 52 10.4 — (50.2N)12.6E 10KM H=12 51 49.1 (U)
E SG 52 26

1979 JAN 25 NOPTHERN SINKIANG PROV., CHINA — MB=5.0(15) — D= 48.4 DEG AZ= 68
E(P) 15 23 30 — 43.9N; 86.0E 33KM H=15 14 46.5 (U)
44.1N; 86.7E 33KM 15 14 47.7 (M)

1979 JAN 25 ANDREANOF ISLANDS, ALEUTIAN IS.
E P 17 17 17 — MB=5.1(70) — D= 76.3 DEG AZ= 6
E 18 01 — 52.5N; 176.0W 156KM H=17 09 44.7 (U)
52.2N; 175.7W 145KM 17 09 41.0 (M)

1979 JAN 25 SOUTHERN ALASKA
I P 19 40 37.2D 2.0 / 95 — MB=5.5(109) — D= 68.4 DEG AZ=353
I AP 41 23.4 — 60.1N; 153.1W 105KM H=19 30 56.1 (U)
E XP 41 33 — 59.8N; 152.9W 100KM 19 30 53.2 (M)
E 42 34

1979 JAN 25 SEA OF OKHOTSK
I P 21 13 46.9D 1.2 / 195 — MB=5.4(124) — D= 71.9 DEG AZ= 28
E AP 15 54 — 50.5N; 148.0E 575KM H=21 03 21.0 (U)
E PPP 18 26 — 50.7N; 148.0E 600KM 21 03 23.8 (M)

1979 JAN 25
E 22 54 04

1979 JAN 25 CENTRAL ITALY — MB=4.1(21) — D= 8.9 DEG AZ=179
E PN 23 55 06 — 42.8N; 13.2E 7KM H=23 53 51.1 (U)
E SN 56 35 — 42.6N; 13.2E 10KM 23 53 53.1 (B)
E 56 57
E L 57 51

1979 JAN 26 KERMADEC ISLANDS — MB=4.8(3) — D=157.8 DEG AZ= 24
I PKP2 01 38 09.0 0.9 / 18 — 30.8S; 177.4W 33KM H=01 17 46.1 (U)

1979 JAN 26 POLAND, UPPER SILESIA
I 02 56 48.1
E SG 57 15

1979 JAN 26 FRG, SOUTHWESTERN REGION — NO MB COMR; — D= 5.9 DEG AZ=223
E 04 01 13 — 48.4N; 9.8E 20KM H=03 59 16.3 (U)
E SG 01 22 — 48.4N; 9.8E 11KM 03 59 16.0 (B)

1979 JAN 26 GUERRERO, MEXICO — MB=5.8(84) — D= 90.7 DEG AZ=299
E P AB 10 17 31 2.1 / 109 — 17.4N; 100.9W 41KM H=11 04 32.0 (U)
T 17 AN 1.0 AE 1.0 AV 4.9 — 18.1N; 101.0W 1KM 11 04 28.6 (M)
E PP B 21 07 T 15 AN 2.0 AE 3.5 AV 6.2 — MPH =6.5 MPV =6.8 MPPW =6.9 MPPV =6.8 DISTANCE 93 DEG
E S B 28 16
E B 28 42
E PS B 29 52
E SS 35.1
E SKKP B 38 27
L B 53 T 28 AN 28.5 AE 13 AV 14
LM B 11 06 T 16 AN 11.5 AE 13 AV 16 — MLH =6.6 MLV =6.8
FINAL 13

1979 JAN 26 NEAR COAST OF GUERRERO, MEXICO — MB=5.4(59) — D= 90.5 DEG AZ=299
E P 17 23 44 2.3 / 61 — 17.6N; 101.0W 39KM H=17 10 44.1 (U)
E 25 27 — 17.1N; 101.2W 3KM 17 10 37.8 (M)
LM B 18 06

1979 JAN 26 CENTRAL YUGOSLAVIA — NO MB COMP. — D= 8.7 DEG AZ=142
E 18 04 43 — 44.2N; 20.8E 10KM H=18 01 35.6 (U)

1979 JAN 26 NEAR COAST OF GUERRERO, MEXICO — MB=5.4(62) — D= 90.7 DEG AZ=299
E P 20 30 38 — 17.5N; 101.1W 43KM H=20 17 38.6 (U)
E PP 34 12 — 16.9N; 101.3W 3KM 20 17 30.3 (M)

1979 JAN 26 FIJI ISLANDS REGION — MB=5.2(16) — D=148.1 DEG AZ= 16
I PKP1 20 43 36.0 1.2 / 17 — 20.1S; 176.0W 212KM H=20 24 14.1 (U)
E APKP 44 29 1.5 / 44

1979 JAN 27 SOUTHERN SINKIANG PROV., CHINA — MB=4.5(8) — D= 46.3 DEG AZ= 74
E P 04 53 30 — 41.8N; 81.3E 59KM H=04 45 08.8 (U)
E 53 37 — 41.8N; 81.4E 33KM 04 45 07.3 (M)

1979 JAN 27 IRAN — MB=4.4(15) — D= 37.7 DEG AZ= 99
E P 05 40 01 — 34.0N; 59.7E 10KM H=05 32 43.8 (U)
E 42 56 — 34.0N; 59.6E 44KM 05 32 51.2 (B)
34.1N; 59.7E 3KM 05 32 43.2 (M)

1979 JAN 27 KERMADEC ISLANDS — MB=5.5(24) — D=157.8 DEG AZ= 25
E PKIKP 07 23 42 — 30.6S; 177.8W 33KM H=07 03 48.6 (U)
I PKP1 23 34.0D 1.5 / 31 — 30.4S; 178.8W 33KM 07 03 50.1 (M)
I PKP2 24 14.9D 1.4 / 90 — MC =5.3 DISTANCE 157 DEG

1979 JAN 27
E 08 49 56
E 50 05

1979 JAN 27 FRG, SOUTHWESTERN REGION — D= 8.6 DEG AZ=227
E SG 09 01 17 — 48.1N; 8.0E 11KM H=08 58 50.9 (B)
48.1N; 7.9E 33KM 08 58 50.7 (U)

1979 JAN 27 KERMADEC ISLANDS REGION — MB=4.8(17) — D=150.6 DEG AZ= 25
I PKP2 09 29 22.1 1.1 / 15 — 31.3S; 177.2W 33KM H=09 08 55.6 (U)

1979 JAN 27 NEW HEBRIDES ISLANDS — MB=5.8(43)
END SUPERPOSED BY FOLLOWING QUAKE — D=141.8 DEG AZ= 48
E PKP 18 34 30 C 2.0 / 70 — 18.5S; 168.2E 25KM H=18 15 00.0 (U)
I 37 17.3 — 18.5S; 168.1E 36KM 18 15 01.8 (M)
E(PP) AB 37 46
E 37 54
E PKS AB 38 20
E 41 51
E PSKS B 47.6
E 47 45
LM B 19 37 T 20 AN 7 AE 5 AV 7 — MLH =6.9 MLV =6.8

1979 JAN 27 ALASKA PENINSULA — MB=5.0(101) — D= 78.2 DEG AZ=337
SUPERPOSED BY PRECEDING QUAKE — 54.6N; 161.3W 37KM H=18 57 55.0 (U)
I P(1) AB 19 09 31.2C 0.9 / 130 — 54.7N; 161.5W 44KM 18 57 58.3 (M)
T 7 AV 1.6
I P(2) 09 34.1D 1.2 / 240 1.3 / 225 1.7 / 49
I AP 09 47.4
E 13.5
E S B 19 04
E AB 19 19
E PS B 19 44

1979 JAN 27 SOUTH OF FIJI ISLANDS — MB=4.9(3) — D=151.9 DEG AZ= 19
I PKP1 21 33 01.9D 0.9 / 38 — 24.2S; 176.7W 66KM H=22 13 15.0 (U)
E PKP2 33 09

1979 JAN 27
E 23 02 30

1979 JAN 28 POLAND, UPPER SILESIA
E 01 17 18 MB=4.8(3) D=152.0 DEG AZ= 26
25.1S;179.9E 461KM H=12 28 17.7 (U)

1979 JAN 28 SOUTH OF FIJI ISLANDS
I PKP1 12 47 18.0C MB=5.1(27) D= 60.2 DEG AZ=251
E PKP2 47 31 12.0N; 43.8W 10KM H=12 19 50.4 (U)
12.8N; 43.3W 33KM 12 19 39.5 (M)

1979 JAN 28 NORTH ATLANTIC RIDGE
I P 19 29 40.4C MB=5.8(70) D= 60.2 DEG AZ=251
E 29 30 11.9N; 43.7W 22KM H=12 45 21.5 (U)
12.1N; 43.9W 3KM 12 45 19.5 (M)

1979 JAN 28 NORTH ATLANTIC RIDGE
I P AB 19 55 28.9 2.6 / 450 AV 1.4
T 4
I AP 55 36.7
E S B 20 03.8 MLH =5.5 MLV =5.5
LM B 16 T 20 AN 2 AE 3 AV 3 MB=5.1(5) D= 60.1 DEG AZ=251
12.0N; 43.7W 10KM H=20 00 09.9 (U)

1979 JAN 28 NORTH ATLANTIC RIDGE
E P 20 10 19 MB=4.9(10) D= 60.2 DEG AZ=251
12.1N; 43.9W 10KM H=22 26 27.0 (U)

1979 JAN 28 NORTH ATLANTIC RIDGE
E P 22 36 38 NO MB COMP: D= 60.1 DEG AZ=251
12.0N; 43.7W 10KM H=22 27 15.1 (U)

1979 JAN 28 NORTH ATLANTIC RIDGE
I P 22 37 25.1 1.8 / 43

1979 JAN 28
E 23 02 21

1979 JAN 28 NORTH ATLANTIC RIDGE
E P 23 41 06 1.8 / 34 MB=5.2(38) D= 60.2 DEG AZ=251
E AP 41 14 12.1N; 43.9W 19KM H=23 30 59.9 (U)
12.9N; 43.6W 33KM 23 31 06.8 (M)

1979 JAN 29 TRACES; ANDAMAN ISLANDS REGION
E(P) 00 41 14 MB=4.8(20) D= 74.2 DEG AZ= 89
12.7N; 93.4E 33KM H=00 29 55.5 (U)
13.2N; 93.3E 33KM 00 29 40.4 (M)

1979 JAN 29 NORTH ATLANTIC RIDGE
E AP 01 00 55 MB=5.0(5) D= 59.9 DEG AZ=251
12.4N; 43.8W 10KM H=00 50 34.6 (U)

1979 JAN 29 SVALBARD REGION
E(P) 02 38 32 1.8 / 42 MB=4.8(17) D= 25.1 DEG AZ=357
76.2N; 7.2E 10KM H=02 33 02.2 (U)
76.0N; 8.6E 1KM 02 33 02.8 (M)

1979 JAN 29 SOUTH OF FIJI ISLANDS
I PKIKP 06 01 31.4 1.7 / 37 MB=5.5(50) D=151.6 DEG AZ= 26
I PKP1 01 58.4C 1.1 / 150 24.7S;180 503KM H=05 43 00.8 (U)
I PKP2 02 09.3C 1.3 / 98 24.7S;179.9E 440KM 05 42 55.0 (M)
I 02 24.9 MC =5.3 DISTANCE 151.5 DEG DEPTH 510 KM
I 02 33.0
E APKP 04 01
E 05 15

1979 JAN 29 USSR-MONGOLIA BORDER REGION
E P 06 36 22 MB=4.7(11) D= 49.5 DEG AZ= 53
52.5N; 98.0E 33KM H=06 27 33.6 (U)
52.5N; 98.0E 1KM 06 27 29.4 (M)

1979 JAN 29 EXPLOSION; GERMAN DEMOCRATIC REPUBLIC
I PG AB 11 16 57.5 D= 10 KM AZ=311
E 17 26 51.3N;12.8E

1979 JAN 30 TRACES; TONGA ISLANDS
E PKP 06 17 27 MB=5.0(16) D=148.1 DEG AZ= 10
15.7S;173.2W 33KM H=05 57 53.4 (U)

1979 JAN 30 KERMADEC ISLANDS REGION
I PKP2 13 57 29.4C 1.4 / 32 MB=4.7(3) D=157.7 DEG AZ= 31
31.3S;179.0E 393KM H=13 37 43.8 (U)

1979 JAN 30
E 16 29 30

1979 JAN 31
E 01 59 30

1979 JAN 31
E 05 00 14

1979 JAN 31 TRACES; KERMADEC ISLANDS
E PKP2 05 58 20 NO MB COMP: D=157.2 DEG AZ= 24
29.8S;177.4W 33KM H=05 37 57.8 (U)

1979 JAN 31 E. USSR-N.E. CHINA BORDER REGION
I P 12 46 54.2C 1.5 / 320 MB=5.7(129) D= 72.0 DEG AZ= 43
I AP 48 48.2 42.8N;131.2E 545KM H=12 36 24.6 (U)
I PP 49 45.0 42.8N;131.3E 560KM 12 36 25.1 (M)
E APP 51 13 DISTANCE 70 DEG DEPTH 560 KM
E(S) AB 55 25
E(SKS) AB 55 55
I(SCS) AB 56 05.2
E(SP) 56 15
E PKPPKP 13 14 35

1979 JAN 31 TRACES; EXPLOSION OF 12.2 TONS; CZECHOSLOVAKIA
I SG 13 04 57.1 D=264 KM AZ=164 (C)
49.0ZN;14.0OE

1979 JAN 31 PAKISTAN
E P 15 58 18 MB=4.8(53) D= 45.1 DEG AZ=100
29.9N; 63.9E 183KM H=15 58 33.9 (U)
28.3N; 64.0E 33KM 15 58 09.0 (M)

1979 JAN 31 POLAND, UPPER SILESIA
E SG 16 05 16 D=430 KM AZ=103
50.2ZN;18.8BE H=16 03 57.5 (P)

1979 JAN 31 NORWEGIAN SEA
E P 20 07 50 1.6 / 64 MB=4.5(21) D= 21.7 DEG AZ=352
E 08 23 72.5N; 2.9E 10KM H=20 02 57.0 (U)
72.6N; 2.9E 10KM 20 02 57.5 (B)
72.4N; 3.2E 1KM 20 02 56.9 (M)

1979 JAN 31 TRACES
E 21 11 33

1979 FEB 01 UNDERGROUND EXPLOSION MB=5.6(70) D= 40.5 DEG AZ= 65
I P 04 20 39.5C 0.7 / 60 50.1N; 78.9E 0KM H=04 12 57.7 (U)
E PN 22 08

1979 FEB 01 TRACES, EXPLOSION OF 6.0 TONS; CZECHOSLOVAKIA D=118 KM AZ=153
I PG 11 00 52.0 50.61N;14.17E
E(SG) 01 07 (C)

1979 FEB 01 TRACES
E 12 57 50

1979 FEB 02 SOUTHERN SINKIANG PROV., CHINA MB=5.0(12) D= 53.8 DEG AZ= 70
I P 01 17 58.3D 1.5 / 37 39.7N; 90.8E 33KM H=01 08 41.0 (U)

1979 FEB 02 KERMADEC ISLANDS REGION MB=5.4(14) D=154.7 DEG AZ= 21
E PKP1 08 43 36 27.1S;176.8W 67KM H=08 23 41.3 (U)
E 43 43 27.1S;176.7W 3KM 08 23 32.3 (M)
E 44 25

1979 FEB 02 TRACES, EXPLOSION OF 9.6 TONS; CZECHOSLOVAKIA D=116 KM AZ=149
I PG 09 00 20.8 (50.41N;13.84E)
I SG 00 35.8 (C)

1979 FEB 02 EXPLOSION OF 6.5 TONS; GERMAN DEMOCRATIC REPUBLIC D= 10 KM AZ=311
I PG AB 13 02 52.4 51.37N;12.89E
I L 02 54.5

1979 FEB 02
E 20 06 04

1979 FEB 02
E 22 41 25

1979 FEB 03 EASTERN TURKEY 74.0(3)/ D= 21.2 DEG AZ=119
E P 00 40 53 38.1N; 36.6E 10KM H=00 36 07 (I)
38.4N; 36.2E 10KM 00 36 12.8 (B)

1979 FEB 03 NORTHERN ITALY NO MB COMP. D= 5.6 DEG AZ=187
E SN 07 41 36 45.8N; 12.0E 10KM H=07 39 10.8 (U)
E SG 42 08 45.7N; 12.0E 10KM 07 39 11.6 (B)
E 42 18

1979 FEB 03 MOLUCCA PASSAGE MB=5.8(51) D=104.1 DEG AZ= 72
E P 08 01 28 0.1N;126.0E 56KM H=07 47 28.5 (U)
E 04 27 0.4N;125.8E 65KM 07 47 32.1 (M)
E 05 04
E SPP 15 49

1979 FEB 03 KERMADEC ISLANDS MB=5.2(1) D=156.6 DEG AZ= 23
E PKP2 09 00 46 29.2S;177.4W 62KM H=08 40 30.4 (U)
E 01 42

1979 FEB 03 NEAR COAST OF NORTHERN CALIF. MB=5.2(52) D= 80.9 DEG AZ=329
E P 10 10 30 D 40.9N;124.4W 28KM H=09 58 16.1 (U)
41.2N;124.5W 33KM 09 58 19.3 (M)

1979 FEB 04 TONGA ISLANDS MB=5.2(24) D=144.1 DEG AZ= 10
I PKP 02 29 14.8 15.7S;173.1W 33KM H=02 09 42.5 (U)
E 29 34 15.5S;173.0W 33KM 02 09 43.7 (M)

1979 FEB 04 FIJI ISLANDS REGION MB=5.0(5) D=145.2 DEG AZ= 20
I PKP1 03 12 56.7C 0.9 / 26 17.7S;178.9W 537KM H=02 54 17.5 (U)

1979 FEB 04 ANDREANOF ISLANDS, ALEUTIAN IS. MB=5.0(58) D= 77.5 DEG AZ= 8
E P 08 08 17 1.5 / 25 51.1N;179.1W 33KM H=07 56 24.2 (U)
51.3N;179.6W 87KM 07 56 32.3 (M)

1979 FEB 04 SOUTH PACIFIC CORDILLERA MB=5.2(5) D=157.0 DEG AZ=245
E PKIKP 09 41 09 55.4S;128.8W 10KM H=09 21 09.9 (U)
55.6S;129.2W 33KM 09 21 16.4 (M)

1979 FEB 04 SWITZERLAND NO MB COMP. D= 5.0 DEG AZ=208
E SG 12 04 36 46.8N; 9.6E 10KM H=12 01 51.5 (U)
46.7N; 9.7E 10KM 12 01 52.6 (B)

1979 FEB 04
E P 12 36 32

1979 FEB 04 LOYALTY ISLANDS REGION MB=5.0(3) D=145.8 DEG AZ= 39
I PKP1 16 37 57.2C 0.8 / 19 21.8S;170.7E 82KM H=16 18 26.3 (U)
E APKP 38 21

1979 FEB 04 TONGA ISLANDS MB=5.1(9) D=149.4 DEG AZ= 13
E PKIKP 17 07 46 (21.1S;173.9W 33KM H=16 47 58.9 (U)
I PKP1 07 50.7 1.7 / 96 19.2S;175.1W 33KM 16 48 08.2 (M)
I APKP 07 59.6
I 08 08.2
I 08 17.5

1979 FEB 04 KURILE ISLANDS MB=4.8(8) D= 76.4 DEG AZ= 27
I P 18 44 21.5D 0.9 / 15 46.7N;152.7E 59KM H=18 32 57.0 (U)
46.8N;152.8E 58KM 18 32 57.8 (M)

1979 FEB 04 NORTH PACIFIC OCEAN MB=5.2(30) D= 85.5 DEG AZ=347
E P 21 38 20 42.3N;149.3W 10KM H=21 25 40.6 (U)
42.5N;149.4W 16KM 21 25 44.5 (M)

1979 FEB 04
E 21 54 57

1979 FEB 04
E P 22 06 30

1979 FEB 04 TRACES
E P 22 27 18

1979 FEB 05 TRACES; KERMADEC ISLANDS REGION NO MB COMP. D=156.2 DEG AZ= 20
E 02 23 30 28.5S;176.2W 33KM H=02 02 57 (I)

1979 FEB 05 OFF W. COAST OF NORTH. SUMATERA MB=5.4(27) D= 85.8 DEG AZ= 95
E P 06 06 09 0.4N; 96.8E 34KM H=05 53 32.2 (U)
E AP 06 20 0.3N; 97.0E 52KM 05 53 33.5 (M)

1979 FEB 05
E 09 52 03

1979 FEB 05 SOUTHWESTERN RYUKYU ISLANDS MB=5.4(37) D= 83.5 DEG AZ= 59
I P 10 07 42.8 1.3 / 32 24.2N;123.8E 39KM H=09 55 18.0 (U)
24.7N;123.8E 33KM 09 55 19.7 (M)

1979 FEB 05 KURILE ISLANDS MB=5.4(61) D= 77.6 DEG AZ= 33
I P 18 51 43.9C 1.0 / 88 43.3N;146.8E 33KM H=18 39 50.1 (U)
I AP 51 54.3 44.0N;146.6E 68KM 18 39 56.7 (M)

1979 FEB 05 TONGA ISLANDS MB=5.4(23) D=142.9 DEG AZ= 11
E PKP 19 17 51 16.6S;173.8W 37KM H=18 58 17.6 (U)
I 18 15.3

1979 FEB 06 TRACES
E 00 22 50

1979 FEB 06
E 03 38 17
E 38 27

1979 FEB 06 SOUTHEASTERN AUSTRIA NO MB COMP. D= 4.0 DEG AZ=161
E PG 09 51 05 47.5N; 14.9E 10KM H=09 49 47.4 (U)
I 51 22.2 47.5N; 14.8E 10KM 09 49 49.4 (B)
E SN 51 34 47.3N; 14.3E 32KM 09 49 47.6 (M)
E SG 51 53 DISTANCE 3.7 DEG

1979 FEB 06
E 10 42 25

1979 FEB 06 WESTERN POLAND D=212 KM AZ= 83
I PN 11 59 22.4 51.51N;16.04E H=12 58(53) (P)
I 59 29.8 51.4N; 15.5E 0KM 12 58(54) (I)
E SG 59 50 DISTANCE 220 KM
I 59 58.7

1979 FEB 06 USSR-MONGOLIA BORDER REGION MB=4.9(19) D= 60.7 DEG AZ= 47
E P 14 55 25 49.0N;116.6E 33KM H=14 45 15.5 (U)
LMH B 15 20 49.2N;116.4E 1KM 14 45 12.3 (M)
LV B 24

1979 FEB 06 SOUTH OF FIJI ISLANDS MB=5.4(19) D=158.8 DEG AZ= 21
E PKIKP 18 31 09 1.5 / 17 25.4S;177.3W 96KM H=18 11 30.6 (U)
I PKP1 31 17.3D 1.3 / 40 MC =5.2 25.5S;177.6W 1KM 18 11 18.0 (M)
E PKP2 31 29 DISTANCE 153 DEG
E PP 35 01

1979 FEB 07 NEAR EAST COAST OF KAMCHATKA MB=5.0(50) D= 75.3 DEG AZ= 22
I P 01 13 16.2D 1.0 / 23 51.6N;158.1E 67KM H=01 01 51.5 (U)
51.6N;158.3E 73KM 01 01 51.5 (M)

1979 FEB 07 AFGHANISTAN-USSR BORDER REGION MB=5.2(61) D= 45.5 DEG AZ= 86
I P 04 26 44.0D 1.2 / 70 36.5N; 71.5E 183KM H=04 18 51.0 (U)
E 27 47 36.6N; 71.0E 180KM 04 18 52.0 (M)
I PP 28 33.9

1979 FEB 07 AEGEAN SEA MB=4.4(11) D= 18.7 DEG AZ=144
E P 10 20 01 39.6N; 23.3E 10KM H=10 16 44.4 (U)
39.6N; 23.3E 26KM 10 16 48.4 (B)
39.5N; 23.1E 33KM 10 16 46.4 (M)

1979 FEB 07 PHILIPPINE ISLANDS REGION MB=6.2(93) D=100.8 DEG AZ= 68
I P AB 21 15 41.6C 1.6 / 62 5.2N;127.3E 129KM H=22 02 06.8 (U)
I AP 16 16.0 5.4N;127.4E 140KM 21 02 07.9 (M)
E 17 37 DISTANCE 102 DEG DEPTH 138 KM
E 19 16
E PP 19 55
E APP B 20.5
E SKS B 26 06
E S B 27 13
E(XS) B 28 03
E B 28 33
E PKKP2 32 25
E SS B 34.2
LH B 59 T 17 AN 2.5 AE 2.5
LH B 22 06 T 19 AN 8 AE 2 AV 2.5 MLH 6.1 MLV =5.6 (NO DEPTH CORRECTION)
FINAL 22 30

1979 FEB 07
E 23 31 02

```
1979 FEB 08
E           02 57 13

1979 FEB 08   WESTERN POLAND
E           05 10 04                                  MB=4.3( 6)   D= 19.2 DEG  AZ=148
I SG          10 24.9                                              34.3N; 25.3E   10KM H=12 17 15.8 (U)
                                                                   34.3N; 25.2E   10KM   12 17 18.3 (B)

1979 FEB 08   WESTERN POLAND
E           06 17 48                                  MB=4.4(10)   D= 37.5 DEG  AZ= 99
E SG          18 10                                                34.1N; 59.5E   10KM H=13 38 07.6 (U)
                                                                   34.1N; 59.6E   36KM   13 36 11.5 (M)

1979 FEB 08   TRACES; CRETE
E P         12 21 47                                  MB=4.8( 3)   D=151.9 DEG  AZ= 26
                                                                   25.1S;179.6E  542KM H=14 30 04.7 (U)

1979 FEB 08   TRACES; IRAN
E P         13 43 24                                  MB=4.4( 3)   D=148.2 DEG  AZ= 20
                                                                   20.6S;177.9W  562KM H=18 36 26.3 (U)

1979 FEB 08   SOUTH OF FIJI ISLANDS                    MB=5.5(60)   D= 81.3 DEG  AZ=321
I PKP1      14 49 01.7                                             37.1N;116.1W    0KM H=20 00 00.1 (U)

1979 FEB 08   FIJI ISLANDS REGION                      MB=4.3(12)   D= 10.3 DEG  AZ=144
I PKP1      18 55 15.9C                                            34.6N; 26.5E   33KM H=21 29 23.6 (U)
                                                                   34.6N; 26.6E   60KM   21 29 27.7 (B)
1979 FEB 08   UNDERGROUND EXPLOSION                                33.5N; 25.6E   33KM   21 29 12.9 (M)
              >QUINELLA<                                           D=430 KM  AZ=103
I P         20 12 17.8C 1.5 /   66                                 50.2?N;18.8?E        H=00 23 19.3 (P)

1979 FEB 08   TRACES; CRETE                            MB=4.4( 3)   D=147.7 DEG  AZ= 17
E           21 34 07                                               19.8S;176.3W  389KM H=10 52 38.4 (U)

1979 FEB 09   POLAND, UPPER SILESIA                    MB=4.5( 5)   D=  6.2 DEG  AZ=204
E SG        00 25 27                                               45.6N;  9.5E   33KM H=14 44 16.8 (U)
                                                                   45.6N;  9.9E   26KM   14 44 17.6 (B)
1979 FEB 09   FIJI ISLANDS REGION                                  45.8N;  9.4E   33KM   14 44 16.8 (M)
E PKP1      11 11 40                                               DISTANCE   6?0 DEG

1979 FEB 09   NORTHERN ITALY
I PN        14 45 46.7
I PG          46 13.9
I SB          47 14.3
I SG      AB  47 34
  LM       B  48.3      T 9   AN   3.5 AE   2.5 AV   5     MLH  ?4.2 MLV  ?4.3
I             48 22.1

1979 FEB 09   POLAND, UPPER SILESIA                    NO MB COMP.D=  8.5 DEG  AZ=111
E SG        15 45 26                                               49.5N; 19.4E   33KM H=15 43 17   (U)

1979 FEB 09   NEAR N COAST OF PAPUA NEW GUINEA                                                      (U)
  LM       B 17 05

1979 FEB 09   POLAND, UPPER SILESIA                    NO MB COMP.D=428 KM  AZ=102
E PG        18 35 04                                               50.3?N;18.8?E        H=?8 33(51)  (P)
E             35 41                                                50.5N; 18.8E   10KM   18 33 49.8 (U)
E SG          35 59                                                50.4N; 18.9E   10KM   18 33 51.6 (B)
E             36 06                                                DISTANCE   4?0 DEG

1979 FEB 09   SOUTH OF FIJI ISLANDS                    MB=4.7( 2)   D=151.0 DEG  AZ= 19
E PKIKP     19 29 23                                               23.3S;176.9W   33KM H=12 09 36.7 (U)
I PKP1        29 29.2

1979 FEB 10
E           06 51 36

1979 FEB 10   FIJI ISLANDS REGION                      MB=5.0(10)   D=147.7 DEG  AZ= 21
I PKP1      08 46 35.3C 0.9 /   55                                 20.3S;178.6W  623KM H=08 27 58.0 (U)
I PKP2        46 39.8C

1979 FEB 10   NORTHEAST OF TAIWAN                      MB=5.2(49)   D= 82.9 DEG  AZ= 57
I P         12 24 59.4C                                            26.2N;125.8E  127KM H=12 12 47.3 (U)
                                                                   26.2N;125.9E   66KM   12 12 40.3 (M)
1979 FEB 10   POLAND, UPPER SILESIA
E PG        13 25 29                                  NO MB COMP.D=423 KM  AZ=103
I             26 18.4                                              50.3?N;18.8?E        H=?3 24 18   (P)
E SG          26 23                                                50.3N; 18.8E   10KM   13 24 18.3 (U)
E LM          26 28                                                50.3N; 18.8E   14KM   13 24 18.9 (B)
                                                                   DISTANCE   4?0 DEG
1979 FEB 10   NORTHERN ITALY
E SG        16 00 35                                  NO MB COMP.  D=  6.3 DEG  AZ=207
                                                                   45.6N;  8.9E   10KM H=15 57 17.3 (U)
1979 FEB 10   POLAND, UPPER SILESIA                                 45.7N;  9.0E   10KM   15 57 18.2 (B)
E           21 08 14

1979 FEB 10   POLAND, UPPER SILESIA
E           21 19 24                                               D=430 KM  AZ=103
E SG          19 36                                                50.2?N;18.8?E        H=21 17 28.5 (P)

1979 FEB 10   SOLOMON ISLANDS                          MB=5.0(21)   D=124.8 DEG  AZ= 49
I PKP       22 17 26.3C                                            6.1S;154.6E  409KM H=21 59 12.5 (U)
                                                                   7.0S;154.9E   33KM   21 58 26.6 (M)

1979 FEB 11   SOUTHERN GREECE                         MB=4.2( 4)   D= 16.7 DEG  AZ=148
E P         01 12 25                                               36.?N; 23.8E   8?KM H=01 08 54.9 (U)
                                                                   36.6N; 23.8E   10KM   01 08 53.2 (B)

1979 FEB 11   TRACES
I P         05 26 58.?C

1979 FEB 11   NORTH ATLANTIC RIDGE                    MB=5.4(43)   D= 59.8 DEG  AZ=247
E P         08 11 07                                               10.3N; 40.8W   10KM H=08 00 56.5 (U)
E             11 14    2.3 /  145                                  12.3N; 40.7W    3KM   08 01 05.5 (M)
  LM       B   37       T 17   AN   1.5 AE   1.5 AV   2

1979 FEB 11   FIJI ISLANDS REGION                     MB=5.5(12)   D=145.2 DEG  AZ= 20
I PKP       09 05 16.6C 0.7 /   40                                 17.7S;178.7W  556KM H=08 46 40.9 (U)
                                                                   18.3S;178.9W    1KM   08 45 37.3 (M)
1979 FEB 11   NORTH ATLANTIC RIDGE                    MB=5.1(31)   D= 59.9 DEG  AZ=247
E P         09 16 53                                               10.2N; 40.9W   10KM H=09 06 45.0 (U)
                                                                   10.9N; 40.4W    3KM   09 06 49.2 (M)
1979 FEB 11
E           16 34 35

1979 FEB 11   NEW HEBRIDES ISLANDS REGION              MB=5.3( 5)   D=148.5 DEG  AZ= 33
E PKP       16 38 20                                               21.0S;173.9E   33KM H=16 18 36.9 (U)
                                                                   21.3S;172.3E    1KM   16 18 35.6 (M)
1979 FEB 11   FRG, SOUTHWESTERN REGION                NO MB COMP.  D=  5.9 DEG  AZ=223
E SG        17 18 12                                               48.4N;  9.0E   11KM H=13 16 03.4 (B)
                                                                   48.5N;  9.4E   10KM   12 15 59.6 (U)
1979 FEB 11   MINDANAO, PHILIPPINE ISLANDS            MB=3.5(35)   D= 98.8 DEG  AZ= 69
E(P)        17 43 56                                               5.8N;124.7E   81KM H=17 30 18.2 (U)
E PP          48 04                                                5.7N;124.7E    3KM   17 30 07.6 (M)
E S       B   55.4
  LM      B 18 36      T 17   AN   1.5 AE   2   AV   3

1979 FEB 11   SOUTHERN IRAN                           MB=4.7(22)   D= 30.1 DEG  AZ=111
E P         22 32 44                                               27.9N; 54.8E   58KM H=22 25 20.5 (U)
                                                                   27.5N; 55.3E   10KM   22 25 12.9 (B)
                                                                   28.1N; 54.7E    3KM   22 25 15.8 (M)
1979 FEB 11   MINDANAO, PHILIPPINE ISLANDS            MB=6.1(72)   D= 99.3 DEG  AZ= 68
I P         22 35 48.2D 1.4 /   80                                 6.0N;125.9E  142KM H=22 22 20.9 (U)
E AP          36 27                                                6.7N;125.8E  140KM   22 22 20.6 (M)
E SKS     AB  46 12
E SP      B   48 31
E(PKKP)       52 19
E XSS     B   55 18
  LM      B 23 22

1979 FEB 12   SOUTH OF FIJI ISLANDS                   MB=5.3( 4)   D=158.8 DEG  AZ= 24
I PKP1      02 53 48.3D 0.8 /   18                                 23.3S;179.8W  559KM H=02 34 58.5 (U)

1979 FEB 12   KERMADEC ISLANDS                       NO MB COMP.  D=157.2 DEG  AZ= 23
E PKP2      06 19 08                                               29.8S;177.1W   33KM H=05 58 45.1 (U)

1979 FEB 12   SOUTH OF FIJI ISLANDS                   MB=4.8( 5)   D=150.5 DEG  AZ= 22
E PKP1      13 00 17                                               23.1S;178.4W  304KM H=12 41 06.9 (U)

1979 FEB 12   WESTERN POLAND
E PG        14 01 16
I SG          01 41.2

1979 FEB 12   ALASKA PENINSULA                        MB=5.1(62)   D= 73.2 DEG  AZ=354
I P         15 55 59.0D                                            55.5N;157.2W   33KM H=15 44 30.0 (U)
                                                                   55.7N;157.7W   56KM   15 44 34.3 (M)
1979 FEB 12   NORTHERN SINKIANG PROV?, CHINA         MB=4.7(21)   D= 51.9 DEG  AZ= 63
I P         19 28 51.1                                             44.9N; 94.1E   33KM H=19 19 43.4 (U)
                                                                   44.7N; 94.2E    1KM   19 19 37.4 (M)
1979 FEB 12   TRACES; TONGA ISLANDS                   MB=4.9( 2)   D=143.6 DEG  AZ= 13
E PKP       19 58 02                                               15.4S;175.0W   23?KM H=19 38 59.9 (U)

1979 FEB 13   NORTH ATLANTIC RIDGE                   MB=5.2(65)   D= 60.3 DEG  AZ=251
E P         02 01 09    2.1 /   46                                 12.0N; 43.9W   10KM H=01 50 59.6 (U)
E             01 30                                                12.1N; 43.7W   33KM   01 51 04.0 (M)

1979 FEB 13   ALASKA PENINSULA                       MB=5.9(89)   D= 73.2 DEG  AZ=354
I P(1)    AB 05 45 54.2C                                           55.5N;157.2W   33KM H=05 34 25.9 (U)
I P(2)    AB   46 02.4C T 15          AV   7.1   MPV  ?6.6        56.3N;158.0W   70KM   05 34 35.5 (M)
I              46 15.5                                             DISTANCE  75 DEG
E PP       B   48 44                                              MULTIPLE SHOCK,
E S        B   55 30                                              MB IS AN INADEQUATE VALUE
E          B 06 00.8
E SSS      B   03.6
  L        B   18       T 22   AN  32.5 AE  10   AV  36
  LM       B   24       T 19   AN( 35)  AE  36.5 AV  33     MLH  ?6.8 MLV  ?6.7

1979 FEB 13   WESTERN POLAND
I SG        06 43 24.5

1979 FEB 13   IRAN                                   MB=5.5(62)   D= 36.8 DEG  AZ=102
I P         10 43 23.3C 1.7 /  190                                 33.3N; 57.4E   33KM H=18 36 16.5 (U)
                                                                   33.4N; 57.4E   36KM   18 36 19.5 (B)
                                                                   33.3N; 57.5E   33KM   18 36 16.4 (M)
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1979 FEB 13 SOUTH OF ALASKA — MB=4.8(24)
E P 10 51 07 D — D= 73.0 DEG AZ=354; 55.7N;156.8W 33KM H=18 39 39.7 (U

1979 FEB 13 ALASKA PENINSULA — MB=5.0(46)
E P 11 47 29 0.9 / 13 — D= 73.3 DEG AZ=354; 55.4N;157.1W 33KM H=18 35 58.7 (U; 55.8N;157.6W 33KM 18 36 01.7 (M

1979 FEB 13 LOYALTY ISLANDS REGION — MB=4.4(1)
E PKP 13 18 02 — D=148.8 DEG AZ= 41; 21.4S;169.1E 37KM H=12 58 28.0 (U

1979 FEB 13
E 16 55 19

1979 FEB 13 LUZON, PHILIPPINE ISLANDS — MB=5.1(24)
E AP 21 48 02 — D= 87.8 DEG AZ= 68; 15.5N;119.2E 26KM H=21 35 06.0 (U; 15.8N;119.1E 33KM 21 35 08.6 (M

1979 FEB 14 KAMCHATKA — MB=4.8(43)
I P 01 15 17.5C 1.3 / 54 — D= 70.0 DEG AZ= 20; 55.3N;158.5E 277KM H=01 04 34.9 (U
I(PCP) 15 33.8 — 55.6N;158.2E 240KM 01 04 33.9 (M
E AP 16 23

1979 FEB 14 HONSHU, JAPAN — MB=4.8(39)
I P 02 04 21.9 — D= 78.4 DEG AZ= 39; 39.5N;140.1E 166KM H=01 52 37.6 (U
E AP 05 03 — 39.7N;140.2E 170KM 01 52 38.7 (M

1979 FEB 14 NEW HEBRIDES ISLANDS — MB=5.8(44)
I(PKHKP) 17 14 09.0 1.1 / 25 — D=139.0 DEG AZ= 39; 15.6S;167.6E 123KM H=16 55 03.9 (U
I PKIKP 14 16.8C 1.4 / 220 — 15.3S;167.4E 126KM 16 55 05.7 (M
E 16 36 — DISTANCE 137 DEG DEPTH 115 KM
E(PP) 17 10
I SKP 17 42.1

1979 FEB 15
E 04 18 31

INTERRUPTION OF SOME SHORTPERIODIC RECORDS FROM 05H 57M TO 10H 00M

1979 FEB 15 TRACES
E 08 06 51

1979 FEB 15 MID-INDIAN RISE — MB=5.0(7)
E P 17 55 41 — D= 81.9 DEG AZ=128; 15.8S; 67.4E 10KM H=17 43 19.9 (U; 15.3S; 67.3E 33KM 17 43 26.1 (M

1979 FEB 15 UNDERGROUND EXPLOSION >KLOSTER< — MB=4.8(18)
E P 18 17 18 — D= 81.2 DEG AZ=321; 37.2N;116.1W 0KM H=18 05 00.2 (U

1979 FEB 15 MID-INDIAN RISE — MB=5.1(7)
E P 18 22 08 2.0 / 36 — D= 81.8 DEG AZ=128; 15.7S; 67.4E 10KM H=18 09 47.4 (U

1979 FEB 15 MID-INDIAN RISE — MB=5.3(33)
I P 18 44 43.0C 2.0 / 84 — D= 81.8 DEG AZ=128; 15.7S; 67.3E 10KM H=18 32 22.6 (U; 15.3S; 67.2E 33KM 18 32 28.0 (M

1979 FEB 15
E 20 01 21

1979 FEB 16 NEW HEBRIDES ISLANDS — MB=6.2(57)
E(PKHKP) 00 50 27 — D=136.8 DEG AZ= 39; 13.6S;166.7E 60KM H=00 31 16.1 (U; 13.5S;166.7E 70KM 00 31 18.9 (M
I PKIKP AB 50 33.1C 1.8 / 150 — DISTANCE 135 DEG
E PP AB 53 13
E APP AB 53 29
E SKP AB 54 04
E(SDIF) 01 01 34
LM B 50 T 22 AN 3 AE 3 AV 3 — MLH =6.1 MLV =6.0 (NO DEPTH CORRECTION)

1979 FEB 16 UNDERGROUND EXPLOSION — MB=5.4(57)
I P 04 11 34.5C 0.8 / 39 — D= 39.8 DEG AZ= 66; 50.0N; 77.9E 0KM H=04 08 57.9 (U
E 13 02

1979 FEB 16 DODECANESE ISLANDS — MB=4.4(34)
E P 04 32 23 — D= 17.2 DEG AZ=148; 36.7N; 25.8E 33KM H=04 28 21.4 (U
E 32 32 — 36.7N; 25.8E 36KM 04 28 23.9 (B; 37.2N; 26.5E 33KM 04 28 26.7 (M

1979 FEB 16 MID-INDIAN RISE — MB=5.1(2)
E(P) 04 44 58 — D= 83.8 DEG AZ=128; 17.9S; 68.4E 10KM H=04 32 32.3 (U

1979 FEB 16 KERMADEC ISLANDS REGION — MB=4.9(6)
I PKP2 05 15 15.7 1.2 / 34 — D=197.7 DEG AZ= 32; 31.3S;179.9E 428KM H=04 55 40.3 (U; 32.2S;179.7E 33KM 04 54 47.4 (M

1979 FEB 16 EXPLOSION OF 13.5 TONS; CZECHOSLOVAKIA
I PG 09 00 06.8 — D=122 KM AZ=118 (C
E(SG) 00 23 — 50.7N;14.5E

1979 FEB 16 NEAR COAST OF PERU — MB=6.2(62)
I P AB 10 22 34.0 1.2 / 105 — D=100.8 DEG AZ=256; 16.4S; 72.9W 33KM H=18 08 53.4 (U
I AP AB 22 48.3C 1.8 / 340 — 16.6S; 72.9W 18KM 18 08 47.8 (M
T 10 AV 5.4 — DISTANCE 98 DEG DEPTH 50 KM
E B 26 10
E B 30 09
E SKS AB 33 10 T 16 AN 2.9 AE 13.7
E(PS) AB 35.4
E PPS B 36 30
E(PKKP) 39 30
E(SS) 41 08
E 47 06
E PKPPKP 47 25
E SKPPKP 50 42
LM B 11 03 T 22

1979 FEB 16 WESTERN POLAND
E SQ 14 10 37

1979 FEB 16
E 15 29 06

1979 FEB 16
E 17 02 33

1979 FEB 16 POLAND, UPPER SILESIA — NO MB COMP. D=429 KM AZ=103
E SN 17 09 14 — 50.2SN;18.8BE H=17 07 26.0 (P)
E SQ 09 35 — 50.0N; 18.8E 10KM 17 07 25.9 (U)

1979 FEB 16 FIJI ISLANDS REGION — 73.8(1) D=146.8 DEG AZ= 19; 18.8S;178.0W 478KM H=22 51 27.8 (I)
I PKP1 22 10 16.6 1.0 / 22

1979 FEB 16 NEAR COAST OF PERU — MB=5.5(55) D=100.1 DEG AZ=256; 16.5S; 72.7W 52KM H=22 18 20.0 (U); 16.7S; 72.9W 28KM 22 18 16.8 (M)
I(P) 22 32 04.8
I AP 32 16.6
E 35 22

1979 FEB 17
E 02 15 13

1979 FEB 17
E 04 41 27

1979 FEB 17 CENTRAL ALASKA — MB=4.9(22) D= 65.9 DEG AZ=351; 62.3N;149.5W 54KM H=10 48 08.7 (U); 61.8N;149.1W 3KM 10 47 58.0 (M)
E P 10 58 49

1979 FEB 17 FINLAND — NO MB COMP. D= 13.1 DEG AZ= 22; 63.1N; 23.7E 10KM H=17 31 20.7 (U); 63.1N; 23.8E 10KM 17 32 21.7 (B)
E 17 36 41
E LI 38 02
E LQ1 38 23

1979 FEB 17 SAMOA ISLANDS REGION — MB=5.0(9) D=144.8 DEG AZ= 10; 16.3S;172.8W 33KM H=18 48 35.5 (U); 15.5S;172.9W 33KM 18 48 39.6 (M)
E PKP 19 08 12

1979 FEB 17 TRACES; MEDITERRANEAN SEA — MB=3.8(2) D= 17.8 DEG AZ=155; 34.8N; 22.2E 33KM H=19 57 22.4 (U); 35.2N; 22.9E 41KM 19 57 28.6 (B)
E 20 01 44

1979 FEB 17
E 22 06 49
E 07 27

1979 FEB 17 NORTHERN YUGOSLAVIA — NO MB COMP. D= 6.9 DEG AZ=154; 45.0N; 17.3E 10KM H=22 06 04.9 (U); 44.7N; 17.3E 10KM 22 06 02.6 (B)
E 22 08 40
E 09 35
E SQ 09 53

1979 FEB 18 PRINCE EDWARD ISLANDS REGION — MB=5.3(13) D= 97.8 DEG AZ=160; 43.4S; 40.8E 10KM H=05 23 49.0 (U); 44.5S; 44.3E 1KM 05 23 51.5 (M)
E B 05 49.1
E PPS B 50 30
E SS B 55 46
LMH B 06 25 T 19 AN 3 AE 3 — MLH =6.0
LMV B 26 T 18 AV 3 — MLV =5.9

1979 FEB 18 TRACES
E 06 24 53

1979 FEB 18 TRACES
E 06 45 30

1979 FEB 18 TONGA ISLANDS — MB=5.1(15) D=149.5 DEG AZ= 14; 21.3S;174.3W 58KM H=18 51 46.2 (U); 18.9S;174.9W 33KM 18 51 54.5 (M)
I PKP1 11 11 30.8C 1.0 / 58

1979 FEB 18 ALASKA PENINSULA — MB=4.6(23) D= 73.7 DEG AZ=356; 55.2N;160.6W 97KM H=11 14 16.2 (U); 54.9N;160.2W 33KM 11 14 11.1 (M)
E P 11 25 45

1979 FEB 18 FIJI ISLANDS REGION — MB=5.1(15) D=148.2 DEG AZ= 19; 20.6S;177.8W 380KM H=12 26 33.9 (U); 20.6S;176.9W 33KM 12 25 53.2 (M)
I PKP1 12 45 37.2C 1.2 / 36
E APKP 47 09

1979 FEB 18
E 15 48 05

1979 FEB 18
E 21 54 10

1979 FEB 19 MINDANAO, PHILIPPINE ISLANDS — MB=5.5(41) D= 98.9 DEG AZ= 69; 5.7N;124.7E 61KM H=00 39 46.3 (U); 5.7N;124.7E 48KM 00 39 44.7 (M)
E P 00 49 21

1979 FEB 19
E 03 30 53

1979 FEB 19
E 04 03 37

1979 FEB 19 WESTERN TURKEY — MB=4.2(9) D= 20.1 DEG AZ=133; 36.0N; 31.1E 65KM H=04 03 38.5 (U); 36.1N; 31.2E 67KM 04 03 42.4 (B)
E(P) 04 08 13

1979 FEB 19 TONGA ISLANDS — MB=4.8(4) — D=149.2 DEG AZ= 12
E PKP1 04 37 33 — 20.9S;173.7W 33KM H=06 17 47.4 (U)

1979 FEB 19 TONGA ISLANDS — MB=5.1(17) — D=145.3 DEG AZ= 10
E PKP 07 18 39 — 16.9S;173.2W 33KM H=06 59 03.3 (U)

1979 FEB 19 NEW HEBRIDES ISLANDS — MB=4.6(2) — D=148.3 DEG AZ= 41
E APKP 08 56 55 — 20.9S;169.0E 33KM H=08 37 10.7 (U)

1979 FEB 19 HOKKAIDO, JAPAN, REGION — MB=4.6(13) — D= 76.7 DEG AZ= 35
E P 10 53 40 D — 42.9N;143.3E 122KM H=10 42 00.9 (U)
42.4N;143.7E 76KM 10 41 51.7 (M)

1979 FEB 19 TRACES, EXPLOSION; POLAND
E PG 12 24 17
I SG 24 44.5

1979 FEB 19
E 14 32 48

1979 FEB 20 OFF EAST COAST OF HONSHU, JAPAN — MB=6.0(71) — D= 79.2 DEG AZ= 36
I P AB 06 44 38.2C 2.1 / 490 — MPV =6.2 — 40.2N;143.7E 10KM H=06 32 32.2 (U)
T 15 AV 4.7 — MPV =6.3 — 40.8N;143.6E 35KM 06 32 38.8 (M)
I 44 46.0 2.1 / 710 — DISTANCE 79 DEG
I 45 14.9
I PP AB 47 40.6 T 15 AN 5.1 AE 2.6 AV 4.0 — MPPH =6.6 MPPV =6.4
E 48 58
E PPP B 49 26
E S AB 54 32 T 17 AN 2.6 AE 9.9 — MSH =6.6
E(PS) B 55 02
E PKPPKP 07 11 38
LMH B 18 T 19 AN(60) AE 90.5 AV 30 — MLH =7.3
LMV B 24 T 14 AN(59) AE 86 AV 70 — MLV =7.2
FINAL 10

1979 FEB 20 OFF EAST COAST OF HONSHU, JAPAN — MB=5.0(29) — D= 79.2 DEG AZ= 36
E P 07 17 56 — 40.3N;143.9E 10KM H=07 05 50.0 (U)
E AP 18 05 — 40.8N;143.9E 33KM 07 05 56.8 (M)
E APP 21 14

1979 FEB 20
E P 11 47 28 1.7 / 37
E 47 36

1979 FEB 20 TRACES; HOKKAIDO, JAPAN, REGION — MB=4.4(8) — D= 77.6 DEG AZ= 35
E P 13 21 26 — 42.0N;143.5E 55KM H=13 09 35.2 (U)

1979 FEB 20 OFF EAST COAST OF HONSHU, JAPAN — /4.7(6)/ — D= 79.3 DEG AZ= 36
E P 15 35 32 — 40.3N;144.1E 33KM H=15 23 27.9 (M)

1979 FEB 20 GERMAN DEMOCRATIC REPUBLIC
I SG 18 14 21.6

1979 FEB 20
E 20 03 17

1979 FEB 21
E 02 53 33

1979 FEB 21 SOUTH OF FIJI ISLANDS — MB=4.7(1) — D=153.1 DEG AZ= 21
E PKP1 05 37 21 — 25.5S;177.1W 133KM H=05 17 38.2 (U)

1979 FEB 21 TRACES, EXPLOSION
E PG 10 46 17
I SG 46 30.0
E L 46 41

1979 FEB 21 OFF EAST COAST OF HONSHU, JAPAN — MB=5.5(56) — D= 79.0 DEG AZ= 36
I P 13 51 10.4C 1.2 / 69 — 40.4N;143.7E 30KM H=13 39 07.9 (U)
I AP 51 19.8 — 40.9N;143.6E 33KM 13 39 11.1 (M)
LMH B 14 24 T 20 AN 2 AE 3
L B 31

1979 FEB 21 POLAND, UPPER SILESIA
E 22 08 32

1979 FEB 22 CRETE — MB=4.1(23) — D= 18.2 DEG AZ=149
E P 00 33 40 — 35.1N; 24.4E 74KM H=00 29 32.5 (U)
35.0N; 24.6E 76KM 00 29 33.2 (R)
33.8N; 23.8E 3KM 00 29 14.6 (M)

1979 FEB 22 TRACES; IRAN — /4.6(2)/ — D= 32.3 DEG AZ=105
E P 05 13 47 — 35.2N; 52.1E 33KM H=05 07 17.8 (U)

1979 FEB 22
E 09 15 57

1979 FEB 22 CENTRAL MEXICO — MB=5.3(29) — D= 88.2 DEG AZ=300
I P 09 29 23.2C 1.4 / 22 — 20.0N;100.3W 51KM H=09 16 37.0 (U)
20.3N;100.2W 64KM 09 16 40.0 (M)

1979 FEB 22 EXPLOSION
I PG 13 43 11.6
E 43 27
E L 43 41

1979 FEB 22 TRACES; TAIWAN REGION — MB=4.3(4) — D= 85.9 DEG AZ= 62
E P 15 17 17 — 22.0N;121.4E 96KM H=15 04 50.1 (U)

1979 FEB 22 NORTHERN CALIFORNIA — MB=5.0(19) — D= 89.5 DEG AZ=325
E P 16 09 39 — 40.0N;120.1W 27KM H=15 57 28.1 (U)
40.3N;120.1W 33KM 15 57 52.9 (M)

1979 FEB 22 GREECE — MB=4.2(4) — D= 12.6 DEG AZ=146
E P 17 40 19 — 40.5N; 22.3E 10KM H=17 37 19.3 (U)
E 44 39 — 40.9N; 22.4E 10KM 17 37 21.3 (B)
40.4N; 22.3E 3KM 17 37 18.1 (M)

1979 FEB 22 NORTH OF ASCENSION ISLAND — MB=5.2(37) — D= 57.2 DEG AZ=217
E P 18 40 49 D 2.2 / 62 — 0.2N; 17.7W 10KM H=18 30 58.4 (U)
E S B 48.9 — 0.8N; 16.4W 3KM 18 31 05.8 (M)
LM B 19 06 T 16 AN 8 AE 2 AV 2 — MLH =5.6 MLV =5.2

1979 FEB 22
I P 19 47 35.1D

1979 FEB 22 TRACES
E 20 49 15

1979 FEB 22 NEW HEBRIDES ISLANDS REGION — MB=4.5(17) — D=146.4 DEG AZ= 33
E APKP 22 48 32 — 21.0S;174.3E 51KM H=22 28 45.2 (U)
E 48 54

1979 FEB 22 BAJA CALIFORNIA — MB=5.3(43) — D= 67.8 DEG AZ=314
E P 23 06 10 1.9 / 33 — 27.7N;112.4W 15KM H=22 53 18.9 (U)
LM B 45 — 28.1N;112.8W 3KM 22 53 18.6 (M)

1979 FEB 23 NORTH ATLANTIC OCEAN — MB=4.8(36) — D= 27.2 DEG AZ=301
I P 01 30 08.0 — 37.4N; 33.3W 10KM H=01 24 23.6 (U)
E AP 30 12 2.2 / 64 — 37.4N; 33.2W 10KM 01 24 26.1 (B)
LM B 41 — 37.5N; 33.3W 3KM 01 24 22.8 (M)

1979 FEB 23 KURILE ISLANDS — MB=5.0(42) — D= 76.8 DEG AZ= 29
I P 01 53 04.4C 1.0 / 35 — 45.8N;151.3E 58KM H=01 41 18.5 (U)
45.7N;151.4E 60KM 01 41 17.7 (M)

1979 FEB 23 TAIWAN REGION — MB=4.6(7) — D= 83.9 DEG AZ= 63
I P 03 12 39.4C 0.9 / 11 — 21.8N;121.1E 20KM H=03 00 09.5 (U)

1979 FEB 23 FIJI ISLANDS REGION — MB=5.1(15) — D=145.4 DEG AZ= 20
I PKP1 05 23 49.1C 1.0 / 49 — 17.9S;178.9W 600KM H=05 05 16.0 (U)

1979 FEB 23 TRACES, EXPLOSION OF 670 TONS; CZECHOSLOVAKIA — D=148 KM AZ=126
I PG 10 01 30.4 — (50.54N;14.65E) (C)
I SG 01 49.2

1979 FEB 23 FIJI ISLANDS REGION — NO MB COMP. — D=147.4 DEG AZ= 16
E 12 44 10 — 19.4S;176.1W 297KM H=16 57 28.3 (I)

1979 FEB 23 FIJI ISLANDS REGION — NO MB COMP. — D=147.4 DEG AZ= 16
E PKP1 17 16 39 — 19.4S;176.1W 297KM H=16 57 28.3 (I)

1979 FEB 23 WESTERN POLAND — NO MB COMP. — D=218 KM AZ= 84
I PN 18 01 06.8 — 51.4N;16.1E H=18 00 33 (P)
I 01 10.5 — 51.2N; 15.6E 10KM 18 00 39.4 (U)
I PG 01 12.1 — 51.1N; 15.7E 10KM 18 00 41.1 (B)
I 01 14.1 — DISTANCE 220 KM
I 01 24.9
I SG 01 37.5
E LM 01 42

1979 FEB 23 SAMAR, PHILIPPINE ISLANDS — MB=5.6(65) — D= 93.1 DEG AZ= 65
E P 22 49 43 — 12.8N;124.6E 26KM H=22 36 30.6 (U)
E AP 49 52 — 13.1N;124.4E 47KM 22 36 34.6 (M)
E PP 53 26
LM B 23 34 T 17 AN 1.9 AE 3 AV 1.5

1979 FEB 24
E 04 44 03

1979 FEB 24 LOYALTY ISLANDS REGION — NO MB COMP. — D=148.8 DEG AZ= 41
E PKP 09 35 47 — 21.3S;169.3E 49KM H=09 16 14.8 (U)

1979 FEB 24 POLAND, UPPER SILESIA
E 10 23 20

1979 FEB 24 IONIAN SEA — MB=4.7(6) — D= 14.5 DEG AZ=156
E 11 03 10 — 37.8N; 20.3E 33KM H=10 59 37.7 (U)
37.8N; 20.3E 33KM 10 59 39.7 (B)

1979 FEB 24
E 20 28 55

1979 FEB 24 STRAITS OF GIBRALTAR — MB=4.3(4) — D= 20.6 DEG AZ=224
E P 21 24 07 — 35.0N; 4.4W 10KM H=21 19 21.0 (U)
35.0N; 4.9W 10KM 22 19 24.0 (B)

1979 FEB 24 OFF EAST COAST OF HONSHU, JAPAN — MB=5.1(48) — D= 79.2 DEG AZ= 36
E P 22 13 56 — 40.2N;143.9E 33KM H=22 01 52.4 (U)
E 14 14 — 40.7N;143.9E 33KM 22 01 54.8 (M)
LMH B 47
L B 54

1979 FEB 25
E 01 22 19

1979 FEB 25 CENTRAL YUGOSLAVIA — NO MB COMP.
E SG 04 37 03
D= 7.8 DEG AZ=162
43.8N; 16.3E 10KM H=04 32 51.8 (U

1979 FEB 25 KURILE ISLANDS — MB=4.7(41)
I P 07 01 11.6
D= 75.9 DEG AZ= 32
45.0N;146.1E 207KM H=06 49 47.5 (U
45.2N;146.3E 220KM 06 49 48.8 (M

1979 FEB 25
E 10 34 05

1979 FEB 25 WESTERN POLAND — NO MB COMP.
I PN 13 42 46.3C
I PG 42 49.4
I 42 53.3
I SG 43 15
I L 43 22
D=213 KM AZ= 83
51.50N;16.05E H=13 42 15 (
51.6N; 15.8E 10KM 13 42 15.9 (B
51.3N; 15.6E 10KM 13 42 17.4 (U
DISTANCE 220 KM

1979 FEB 26 TRACES
E 01 06 36

1979 FEB 26 UGANDA — MB=4.9(3)
E AP 04 49 52
D= 51.5 DEG AZ=157
1.9N; 30.9E 10KM H=04 48 35.9 (U

1979 FEB 26 SOLOMON ISLANDS — MB=5.5(31)
I PKP 05 14 59.2C 1.2 / 31
D=127.5 DEG AZ= 48
8.2S;156.4E 33KM H=04 55 54.8 (U
7.5S;156.4E 38KM 04 55 58.0 (M

1979 FEB 26 EXPLOSION OF 9.6 TONS; CZECHOSLOVAKIA
I PG 11 01 23.4
I SG 01 37.7
D=116 KM AZ=149
50.41N;13.84E (C
(50.59N;14.01E 10KM H=11 01 04.4 (B

1997 FEB 26 EXPLOSION OF 7.9 TONS; CZECHOSLOVAKIA
E PG 13 48 39
E(SG) 48 52
E L 49 03
D=109 KM AZ=137
50.58N;14.05E (C

1979 FEB 26 KURILE ISLANDS — MB=5.0(47)
I P 16 24 12.9C 0.9 / 34
I AP 24 26.7
D= 77.8 DEG AZ= 31
44.0N;149.2E 40KM H=16 12 19.0 (U
44.4N;149.2E 33KM 16 12 19.3 (M

1979 FEB 26
E 20 36 26

1979 FEB 26 ALBANIA — MB=4.5(12)
I PN 22 12 22.6
I 13 40.7
I 14 00.0C
E SG AB 15 45
E L 16 14
LM B 16.8 T 12 AN 1.5 AE 1.5 AV 2 MLH =4.2
D= 11.0 DEG AZ=151
41.5N; 20.1E 28KM H=22 09 45.0 (U
41.5N; 20.2E 7KM 22 09 45.6 (B
41.4N; 19.9E 3KM 22 09 40.6 (M

1979 FEB 27 NEW HEBRIDES ISLANDS — MB=5.6(46)
E PKP 04 20 38
E SKP 24 02
D=138.3 DEG AZ= 39
15.0S;167.3E 110KM H=04 01 28.8 (U
15.0S;167.4E 94KM 04 01 26.4 (M

1979 FEB 27 SANTA CRUZ ISLANDS — MB=5.2(19)
I PKP 04 56 24.3C 1.0 / 16
D=134.0 DEG AZ= 38
10.9S;165.9E 71KM H=04 37 11.9 (U
10.4S;165.9E 33KM 04 37 10.2 (M

1979 FEB 27
E SG 14 22 24

1979 FEB 27 CARLSBERG RIDGE — MB=4.9(16)
E P 16 24 51
D= 58.0 DEG AZ=122
7.6N; 59.6E 10KM H=16 14 55.8 (U
6.8N; 59.6E 33KM 16 14 55.1 (M

1979 FEB 27 FIJI ISLANDS REGION — MB=5.2(20)
I PKP 19 10 12.4 0.9 / 15
D=145.4 DEG AZ= 20
17.9S;178.6W 585KM H=18 51 37.8 (U

1979 FEB 27 EAST OF NORTH ISLAND, N.Z. — MB=5.1(10)
E PKP2 19 40 56 1.4 / 27
D=162.0 DEG AZ= 31
35.2S;178.1W 33KM H=19 20 11.8 (U
34.6S;179.1W 3KM 19 20 10.4 (M

1979 FEB 27 LOYALTY ISLANDS REGION — MB=4.1(1)
E PKP 21 03 39
E APKP 04 13
D=145.8 DEG AZ= 38
21.7S;171.0E 141KM H=20 44 12.9 (U

1979 FEB 27 POLAND, UPPER SILESIA
E 21 13 48

1979 FEB 28 UNIMAK ISLAND REGION — MB=4.8(22)
E P 00 10 26 C
D= 75.4 DEG AZ=358
53.6N;163.6W 33KM H=23 58 44.4 (U
53.3N;163.5W 33KM 23 58 42.9 (M

1979 FEB 28
E 02 46 10

1979 FEB 28
I PKP 03 26 00.9 1.3 / 17

1979 FEB 28 OFF EAST COAST OF HONSHU, JAPAN — MB=4.7(14)
E P 07 08 32
D= 70.4 DEG AZ= 36
40.1N;143.9E 33KM H=06 56 27.1 (U
40.3N;144.2E 3KM 06 56 23.2 (M

1979 FEB 28 NORTH ATLANTIC RIDGE — MB=4.8(12)
E(P) 08 40 07
D= 60.1 DEG AZ=251
12.2N; 43.9W 10KM H=08 29 51.9 (U

1979 FEB 28 SEA OF JAPAN — MB=4.4(8)
E(P) 14 09 33
D= 78.2 DEG AZ= 44
37.3N;135.0E 375KM H=13 58 12.8 (U)

1979 FEB 28 FIJI ISLANDS REGION — /4.9(2)/
I PKP 15 08 30.7 0.9 / 15
D=148.9 DEG AZ= 22
18.7S;179.7W (576KM H=14 50 07)(I)

1979 FEB 28
E 18 01 51

1979 FEB 28 TRACES; NEAR COAST OF GUERRERO, MEXICO — MB=5.1(43)
E P 20 23 19
D= 90.5 DEG AZ=299
17.6N;101.0W 54KM H=20 10 20.2 (U)
16.9N;101.7W 33KM 20 10 15.8 (M)

1979 FEB 28 / SOUTHEASTERN ALASKA — MB=6.4(103)
MAR 01
I P(1) AB 21 37 56.1C 2.1 / 1008
E PM B 38.3 T 10 AN 9.5 AE 3.9 AV 16.6 MPMH =7.4 MPMV =7.2
E B 39 24
E PP(1) B 40 16
E PPM B 40 44
E PPPM B 42.5
E SM B 47 13 T 16 AN 38.8 AE 20.9 AV 19.4 MSH =7.3
E(SS) B 52
E 22 06 30
I PKPPKP(1) 06 46.1
LMH B 07 T 20 AN(115) AE 85 MLH =7.2
E PKPPKPM 07 06
LMV B 11 T 16 AV(75) MLV =7.1
FINAL 02
D= 66.6 DEG AZ=347
60.6N;141.6W 15KM H=21 27 06.1 (U)
60.8N;141.8W 49KM 21 27 10.7 (M)
DISTANCE 72 DEG
MULTIPLE SHOCK,
MB IS AN INADEQUATE VALUE

1979 MAR 01 TRACES
E 00 57 26

1979 MAR 01
E 01 39 29 74.3(1)/ D=145.8 DEG AZ= 40
22.1S;170.0E (45KM H=02 06 02)(

1979 MAR 01 LOYALTY ISLANDS REGION
I 02 25 55 MB=4.9(23) D= 76.2 DEG AZ= 26
47.3N;153.8E 33KM H=02 36 35.4 (
47.4N;154.0E 37KM 02 36 36.1 (

1979 MAR 01 KURILE ISLANDS
I P 02 48 21.4C 1.1 / 38
E 48 26 MB=4.9(20) D= 86.6 DEG AZ=277
7.1N; 80.3W 33KM H=02 41 12.6 (

1979 MAR 01 PANAMA
E(P) 02 53 59

OR ANOTHER POSSIBILITY

1979 MAR 01 AEGEAN SEA MB=4.2(1) D= 14.0 DEG AZ=145
E(P) 02 53 59 39.3N; 23.3E 10KM H=02 50 33.5 (
39.4N; 23.3E 10KM 02 50 34.7 (

1979 MAR 01 SOUTHEASTERN ALASKA MB=5.4(68) D= 66.5 DEG AZ=346
I P 07 19 42.3C 1.3 / 48 60.6N;141.2W 11KM H=07 08 53.7 (
60.7N;141.4W 33KM 07 08 55.5 (

1979 MAR 01 EXPLOSION; NORTHWESTERN CZECHOSLOVAKIA D=122 KM AZ=197
I PG 12 53 05.2 50.26N;12.52E(33KM H=12 52 44.6)(
E SG 53 21

1979 MAR 01 NEAR COAST OF ECUADOR MB=5.6(60) D= 91.4 DEG AZ=273
E P 14 46 20 2.0 / 58 0.7N; 80.1W 33KM H=14 33 15.2 (
2.5N; 81.1W 33KM 14 33 19.2 (

1979 MAR 01
I(P) 19 15 26.2C

1979 MAR 01
I P 21 09 08.6

1979 MAR 02 SOUTHEASTERN ALASKA MB=5.4(74) D= 66.6 DEG AZ=346
I P 09 45 38.4C 1.3 / 39 60.4N;140.7W 2KM H=09 34 45.6 (
60.8N;141.0W 45KM 09 34 53.8 (

1979 MAR 02 EASTERN CAUCASUS MB=4.7(29) D= 25.2 DEG AZ=101
I P 15 40 54.9D 1.2 / 53 41.1N; 46.7E 33KM H=15 35 28.6 (
41.2N; 46.6E 10KM 15 35 28.9 (
41.2N; 46.4E 33KM 15 35 26.6 (

1979 MAR 02 PRG-CSSR BORDER REGION D= 1.5 DEG AZ=192
E PG 16 11 56 49.8N; 12.5E 10KM H=16 11 30.9 (
I SG 12 16.5 DISTANCE 170 KM

1979 MAR 02 KERMADEC ISLANDS REGION MB=4.6(2) D=158.4 DEG AZ= 31
I PKP2 20 18 22.1C 1.0 / 21 31.9S;179.9W 359KM H=19 58 29.6 (

1979 MAR 03 FIJI ISLANDS REGION MB=5.1(20) D=147.8 DEG AZ= 21
E PKIKP 00 06 14 20.3S;178.5W 592KM H=23 47 38.1 (
I PKP1 06 17.9 1.4 / 135 DISTANCE 147 DEG DEPTH 600 KM
I PKP2 06 21.5C 1.6 / 90 MC =5.1
I 06 30.2
E 08 07
I APKP 08 36.0
E SKP 09 01

1979 MAR 03
E 02 43 51

1979 MAR 03
E 11 29 50

1979 MAR 03 TONGA ISLANDS MB=4.9(6) D=148.5 DEG AZ= 14
E(APKP) 19 13 59 20.4S;174.9W 33KM H=18 53 51.2 (

1979 MAR 03
E 20 15 35

1979 MAR 04 TRACES; TONGA ISLANDS MB=5.1(19) D=143.4 DEG AZ= 12
E(PKP) 01 50 47 15.1S;174.6W 33KM H=01 31 08.3 (
14.4S;174.5W 3KM 01 31 06.4 (

1979 MAR 04
E 03 55 59

1979 MAR 04 SOUTHERN IRAN MB=4.9(54) D= 39.6 DEG AZ=109
E P 05 51 12 28.3N; 56.3E 34KM H=05 43 42.8 (
28.5N; 56.1E 85KM 05 43 52.1 (
27.9N; 56.4E 33KM 05 43 39.6 (

1979 MAR 04
I P 11 33 02.0

1979 MAR 04 NEAR N COAST OF PAPUA NEW GUINEA MB=5.3(36) D=116.8 DEG AZ= 58
E PKP 20 09 02 3.3S;143.4E 33KM H=19 50 19.2 (
E 09 08 3.2S;143.5E 3KM 19 50 14.8 (

1979 MAR 04
E 21 49 25

1979 MAR 05 FIJI ISLANDS MB=5.2(14) D=148.8 DEG AZ= 26
E(PKP) 00 13 13 16.6S;177.4E 33KM H=23 55 37.5 (U)

1979 MAR 05 HOKKIDO, JAPAN, REGION MB=4.3(23) D= 78.8 DEG AZ= 36
I P 11 12 31.1D 43.7N;141.7E 171KM H=11 05 05.2 (U)

INTERRUPTION OF ALL RECORDS FROM 12H 52M TO 13H 40M

1979 MAR 05 CASPIAN SEA MB=4.7(33) D= 25.5 DEG AZ= 97
I P 16 59 26.8D 42.3N; 48.2E 43KM H=16 58 00.5 (U)
I AP 59 39.6 42.2N; 48.6E 122KM 16 58 07.6 (B)
42.5N; 48.4E 40KM 16 58 01.9 (M)

1979 MAR 05
E 18 17 30

1979 MAR 05 POLAND, UPPER SILESIA
E SG 22 41 26

1979 MAR 05 FIJI ISLANDS REGION MB=5.1(15) D=148.6 DEG AZ= 17
E PKP 23 16 33 15.8S;177.4W 444KM H=22 57 50.2 (U)

1979 MAR 06 TRACES; CRETE D= 19.6 DEG AZ=146
E(P) 00 53 40 34.2N; 26.2E 10KM H=00 49 06.2 (B)

1979 MAR 06
E 02 45 05

1979 MAR 06 NORTH ATLANTIC RIDGE MB=4.3(16) D= 28.4 DEG AZ=284
E P 08 08 08 49.9N; 29.0W 10KM H=08 02 30.1 (U)
49.9N; 28.9W 10KM 08 02 52.9 (B)

1979 MAR 06 NORTHERN ITALY FRIULI NO MB COMP; D= 8.9 DEG AZ=179
E SG 13 48 41 46.4N; 13.1E 10KM H=13 46 07.2 (B)
46.4N; 13.0E 10KM 13 46 05.8 (U)

1979 MAR 06 SOUTH OF HONSHU, JAPAN MB=5.2(35) D= 86.5 DEG AZ= 42
E P 15 46 30 30.8N;141.5E 21KM H=15 35 46.5 (U)
31.2N;141.2E 33KM 15 35 51.6 (M)

1979 MAR 06
E 19 00 01

1979 MAR 06
I 23 53 07.8

1979 MAR 07
E 01 13 05

1979 MAR 07 TRACES; SICHUAN PROVINCE, CHINA MB=4.7(14) D= 68.8 DEG AZ= 73
E P 13 05 54 27.4N;101.1E 50KM H=12 58 56.4 (U)
27.7N;100.8E 33KM 12 58 57.6 (M)

1979 MAR 07
E 18 50 38

1979 MAR 07 EASTERN CAUCASUS MB=4.6(4) D= 24.8 DEG AZ=101
I 22 15 35.0C 41.3N; 46.1E 33KM H=22 18 04.6 (U)
41.2N; 46.1E 33KM 22 18 09.9 (M)

1979 MAR 08 SOUTH OF HONSHU, JAPAN MB=5.2(32) D= 86.7 DEG AZ= 42
E P 00 14 42 1.7 / 30 30.7N;141.6E 28KM H=00 06 59.5 (U)
LM B 54 31.1N;141.5E 33KM 00 02 02.9 (M)

1979 MAR 08
E 00 49 44

1979 MAR 08 ROMANIA MB=4.0(2) D= 7.6 DEG AZ=114
E PN 01 22 09 47.8N; 23.3E 10KM H=01 20 15.1 (U)
E SN 23 33 47.9N; 23.4E 10KM 01 20 16.0 (B)
E 23 54
E L 24 40

1979 MAR 08 NORTH ATLANTIC OCEAN MB=4.5(22) D= 29.1 DEG AZ=294
E P 03 04 40 53.8N; 35.4W 10KM H=02 58 36.5 (U)
L B 16 53.6N; 35.4W 10KM 02 58 30.7 (B)

1979 MAR 08 EXPLOSION OF 7.8 TONS; CZECHOSLOVAKIA D=105 KM AZ=171
I PG 11 29 56.9 50.38N;13.24E (C)
I SG 30 09.8
E L 30 19

1979 MAR 08 MINAHASSA PENINSULA MB=6.0(64) D=100.9 DEG AZ= 76
E P AB 15 03 38 1.0N;120.4E 28KM H=14 49 52.8 (U)
E 03 47 1.1N;120.5E 34KM 14 49 53.6 (M)
E 07 05 DISTANCE 180 DEG
E PP AB 07 44
E PPP B 09 04
E SKS B 14 10
E S B 15 05
E PG B 16 37
E PKKPZ 19 03
E SS B 22.8
E(SKKPZ 23 07
LM B 58 T 20 AN 4.9 AE 3.5 AV 7 MLH 06.1 MLV 06.2

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1979 MAR 08
E(P)          15 08 35                                                              D= 38.1 DEG  AZ= 96
                                                                       MB=4.7(25)   37,5N; 57.5E    33KM H=22 40 34.3 (U
1979 MAR 08   IRAN-USSR BORDER REGION                                               37,6N; 57.6E    10KM   22 40 33.3 (
E PP          22 48 29                                                              37,2N; 57.5E    33KM   22 40 31.1 (M

                                                                                    D= 75.6 DEG  AZ=121
                                                                       MB=5.1(14)    5,3S; 68.5E    10KM H=00 44 20.8 (U
1979 MAR 09   CHAGOS ARCHIPELAGO REGION                                              5,5S; 68.4E    33KM   00 44 22.9 (M
E P           00 55 56    2.4 /   66
E                57 16
                                                                                    D=124.5 DEG  AZ= 58
                                                                       MB=5.7(60)    9,6S;148.0E    33KM H=01 26 33.8 (U
1979 MAR 09   EAST PAPUA NEW GUINEA REGION                                           9,1S;147.6E    50KM   01 26 38.3 (M
E PKP(1)      01 45 32
E                45 43
E PKP(2)         45 52
I                46 10.0
E PP(1)          47 20
E PP(2)          47 33
E SKKP           59 21
  LM        B 02 43       T 20    AN    4    AE    2    AV    4,5   MLH  =6.0 MLV  =6.5

                                                                       MB=5.0(22)   D=148.6 DEG  AZ= 21
1979 MAR 09   FIJI ISLANDS REGION                                                   21,2S;178.8W   570KM H=01 59 38.4 (U
I PKIKP       02 18 17.8C                                                           21,3S;178.1W     3KM   01 58 35.2 (M
I PKP1           18 22.0C 1.2 /  105                                   MC   =5.1    DISTANCE 148 DEG     DEPTH 590 KM
I PKP2           18 27.6C 1.3 /   59
E APKP           20 38

1979 MAR 09   POLAND, UPPER SILESIA
E             03 08 11
E SG             09 04

1979 MAR 09   WESTERN POLAND
E PG          04 45 09
E SG             45 34

1979 MAR 09   OFF EAST COAST OF HONSHU, JAPAN                          MB=4.8( 6)   D= 82.4 DEG  AZ= 41
I P           08 16 48.6C                                                           33,5N;142.0E    33KM H=08 04 17.8 (U

1979 MAR 09   TRACES, EXPLOSION; FRG, CENTRAL REGION
I PG          14 50 56.8                                                            DISTANCE 235 KM
I SG             51 24.7

1979 MAR 09
E             22 15 32

1979 MAR 10   FIJI ISLANDS REGION                                    /4.5( 4)/      D=147.0 DEG  AZ= 18
I PKP1        00 25 40.0C 1.0 /   18                                                19,3S;177.4W   554KM H=00 07 00.1 (

1979 MAR 10   CARLSBERG RIDGE                                          MB=5.1(40)   D= 58.1 DEG  AZ=122
I P           06 55 04.5  1.6 /   50                                                 7,5N; 59.6E    10KM H=06 45 09.0 (U
I                55 11.0                                                             6,8N; 59.6E    35KM   06 45 07.5 (M
E APP            57 19

1979 MAR 10   TONGA ISLANDS                                            MB=5.1(16)   D=147.4 DEG  AZ= 11
I PKP1        09 21 28.8C 1.1 /   20                                                19,0S;173.3W    33KM H=09 01 47.3 (U
I                21 51.5                                                            19,2S;175.2W    33KM   09 01 51.9 (M

1979 MAR 10   ANDREANOF ISLANDS, ALEUTIAN IS.                          MB=4.8(42)   D= 77.3 DEG  AZ=  4
I P           10 29 09.1                                                            51,6N;173.3W    33KM H=10 17 17.2 (U
I AP             29 22.2                                                            51,4N;173.5W    33KM   10 17 16.3 (M

1979 MAR 10   ANDREANOF ISLANDS, ALEUTIAN IS.                          MB=5.0(69)   D= 77.3 DEG  AZ=  4
I P           11 19 08.8C 1.0 /   19                                                51,6N;173.3W    33KM H=11 07 16.8 (U
E                19 52                                                              52,2N;173.7W    37KM   11 07 20.5 (M

1979 MAR 10   NEAR EAST COAST OF HONSHU, JAPAN                         MB=5.4(79)   D= 80.9 DEG  AZ= 39
I P           20 34 04.4C 1.2 /   83                                                37,3N;141.6E    46KM H=20 21 53.7 (U
I AP             34 16.8                                                            37,5N;141.5E    38KM   20 21 53.6 (M
E                35 12
E                37 29
  LM        B 21 13

1979 MAR 10
I PKP         21 04 01.6C

1979 MAR 10   POLAND, UPPER SILESIA
E             22 32 48                                                              D=  4.5 DEG  AZ= 90
E SG             32 59                                                             (51,1N) 19.8E    33KM H=22 30 47    (

1979 MAR 11   TONGA ISLANDS                                            NO MB COMP,
E PKP1        02 08 00                                                              D=148.5 DEG  AZ= 14
E APKP           08 21                                                              20,3S;174.6W    55KM H=01 48 20.9 (U

1979 MAR 11   SOUTHERN GREECE                                          MB=4.2(17)
E P           05 14 58  C 1.2 /   35                                                D= 15.5 DEG  AZ=147
I                15 11.0                                                            37,7N; 23.5E   155KM H=05 11 26.4 (U
                                                                                    37,8N; 23.4E   155KM   05 11 30.2 (B
                                                                                    35,8N; 23.2E    33KM   05 10 59.3 (M
1979 MAR 11   SOUTH OF FIJI ISLANDS
E PKIKP       06 43 36                                                 MB=5.0(26)   D=150.1 DEG  AZ= 23
I PKP1           43 42.4C 0.9 /  100                                                22,9S;179.2W   512KM H=06 28 48.8 (U
I PKP2           43 50.6C 0.9 /   32                                                21,8S;179.8E    33KM   06 28 02.9 (M
E APKP           45 40                                                 MC   =5.1    DISTANCE 150 DEG     DEPTH 500 KM

1979 MAR 11
E             10 54 48
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1979 MAR 11   NORTHERN COLOMBIA                                        MB=5.2(70)   D= 82.2 DEG  AZ=271
I P           12 28 24.2C 0.7 /   23                                                 6,8N; 73.0W   168KM H=12 16 19.5 (U)
E                29 16                                                               7,2N; 72.8W   183KM   12 16 24.4 (M)
E                29 40

1979 MAR 11   POLAND, UPPER SILESIA
E             13 06 52
E SG             07 12
I                07 15.6
E                07 38

1979 MAR 11
I(P)          17 05 36.9C

1979 MAR 11
E             21 13 31
E                14 22
I                14 32.5

1979 MAR 12   FIJI ISLANDS REGION                                      MB=5.0(17)   D=147.7 DEG  AZ= 20
I PKP1        01 30 35.9C 1.0 /   60                                                20,2S;178.2W   540KM H=01 11 51.4 (U)
I PKP2           30 40.0  1.0 /   34                                   MC   =4.8    DISTANCE 147 DEG     DEPTH 588 KM
E APKP           32 52

1979 MAR 12   SOUTH OF FIJI ISLANDS                                  /4.4( 3)/      D=149.9 DEG  AZ= 19
I PKP1        02 33 02.4C 0.7 /   18                                                22,2S;177.5W  (612KM H=02 18 15.4)(I)

1979 MAR 12
E             04 18 08

1979 MAR 12   EASTER ISLAND CORDILLERA                                 MB=5.4( 5)   D=153.5 DEG  AZ=242
E(PKP)        06 58 15                                                              56,1S;122.4W    10KM H=06 38 11.7 (U)
                                                                                    57,6S;127.8W     5KM   06 38 15.8 (M)

1979 MAR 12   ATLANTIC-INDIAN RISE                                     MB=5.5(32)   D= 98.6 DEG  AZ=155
E P           23 01 30                                                              39,1S; 46.2E    10KM H=22 48 07.0 (U)
  LM        B    52                                                                 39,2S; 46.7E     1KM   22 48 05.1 (M)

1979 MAR 13   POLAND, UPPER SILESIA
E SG          00 58 50

1979 MAR 13   TRACES
E             01 37 14

1979 MAR 13   NORTHERN SINKIANG PROV., CHINA                           MB=4.6(27)   D= 49.1 DEG  AZ= 69
I P           02 31 21.4C                                                           43,2N; 87.4E    33KM H=02 22 35.6 (U)
                                                                                    43,2N; 87.0E    33KM   02 22 38.1 (M)

1979 MAR 13   HOKKAIDO, JAPAN, REGION                                  MB=4.8(43)   D= 77.2 DEG  AZ= 37
I P           03 47 03.1C                                                           41,8N;142.1E    78KM H=03 35 16.0 (U)
E AP             47 23                                                              42,3N;142.1E    46KM   03 35 15.0 (M)

1979 MAR 13   PAKISTAN                                                 MB=4.8(36)   D= 43.8 DEG  AZ= 88
E             04 19 43                                                              35,6N; 71.0E    72KM H=04 10 24.5 (U)
E PP             20 12                                                              35,2N; 71.1E    33KM   04 10 17.6 (M)

1979 MAR 13   KURILE ISLANDS                                           MB=4.9(27)   D= 76.7 DEG  AZ= 26
I P           09 57 20.6C 1.0 /   30                                                46,7N;153.9E    33KM H=09 45 31.6 (U)
  LV        B 10 26.2                                                               47,4N;153.4E    57KM   09 45 38.2 (M)
  LM        B    37

1979 MAR 13   VANCOUVER ISLAND REGION                                  MB=5.1(21)   D= 74.2 DEG  AZ=336
E(P)          10 03 16                                                              50,0N;129.7W    10KM H=09 51 32.6 (U)
                                                                                    49,8N;131.6W     5KM   09 51 33.8 (M)

1979 MAR 13   VANCOUVER ISLAND REGION                                  MB=5.4(70)   D= 74.2 DEG  AZ=336
E P           12 11 57    1.5 /   36                                                50,0N;129.7W    10KM H=12 00 17.2 (U)
E S         B    21 35                                                              50,4N;130.3W     5KM   12 00 18.8 (M)
  LM        B    45       T 16    AN   1.5 AE   1.5 AV    2            MLH  =5.6 MLV  =5.6

1979 MAR 13   TAIWAN REGION                                            MB=4.6(10)   D= 83.7 DEG  AZ= 62
E P           13 40 55                                                              22,2N;121.3E    36KM H=13 28 23.7 (U)

1979 MAR 13   VANCOUVER ISLAND REGION                                  MB=4.9(15)   D= 74.2 DEG  AZ=336
E(P)          13 48 43                                                              50,0N;129.7W    10KM H=13 35 57.5 (U)
                                                                                    51,8N;130.6W    33KM   13 37 13.0 (M)

1979 MAR 13   AEGEAN SEA                                               MB=4.3(17)   D= 18.9 DEG  AZ=144
E(P)          13 52 38                                                              38,6N; 24.1E    10KM H=13 48 50.2 (U)
  LM        B    58                                                                 38,6N; 24.3E    10KM   13 49 00.1 (B)
                                                                                    38,6N; 24.3E    33KM   13 49 01.7 (M)

1979 MAR 13   WEST OF MACQUARIE ISLAND                               /4.8( 2)/      D=156.4 DEG  AZ=128
I PKP2        14 24 23.7C 1.3 /   17                                                60,5S;153.5E   160KM H=14 04 18.8 (I)
E XPKP2          25 32

1979 MAR 13   VANCOUVER ISLAND REGION                                                                                   (U)
  L         B 15 40

1979 MAR 13   TRACES; VANCOUVER ISLAND REGION                          MB=4.8(11)   D= 74.2 DEG  AZ=336
E P           17 23 00                                                              50,1N;130.1W    10KM H=17 11 23.1 (U)

1979 MAR 13   RYUKYU ISLANDS                                           MB=4.4( 5)   D= 88.7 DEG  AZ= 52
I P           18 59 36.9C                                                           28,0N;130.2E    35KM H=18 47 29.2 (U)

1979 MAR 13   GREENLAND SEA                                            MB=5.0(38)   D= 25.6 DEG  AZ=357
I P           19 26 42.9  1.7 /   55                                                74,7N;  8.5E    10KM H=19 21 30.9 (U)
E                30 18                                                              74,8N;  9.3E    10KM   19 21 32.5 (B)
  LM        B    35                                                                 74,7N;  8.8E     5KM   19 21 29.9 (M)
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1979 MAR 13 VANCOUVER ISLAND REGION MB=4.9(21) D= 78.8 DEG AZ=336
E P 21 01 42 50.1N 129.5W 10KM H=20 50 05.2 (U)
50.5N 130.4W 3KM 20 50 06.0 (M)

1979 MAR 13 VANCOUVER ISLAND REGION MB=5.0(28) D= 78.1 DEG AZ=336
E(P) 22 50 30 50.1N 129.7W 10KM H=22 30 08.4 (U)
52.1N 130.5W 33KM 22 30 24.2 (M)

1979 MAR 14 TRACES SWITZERLAND NO MB COMP. D= 5.9 DEG AZ=224
E SG 01 13 26 46.9N 7.1E 33KM H=01 10 06.8 (U)

1979 MAR 14
E 02 56 07

1979 MAR 14 NEAR COAST OF GUERRERO, MEXICO MB=6.5(68) D= 90.6 DEG AZ=300
E P AB 11 20 14 17.8N 101.3W 49KM H=11 07 16.3 (U)
E PM AB 20 23 8.2 / 1000 MPHV =6.6 18.8N 101.1W 29KM 11 07 18.9 (M)
T 18 AN 7.7 AE 9.5 AV 30.6 MPHW =7.3 MPHV =7.3 DISTANCE 90 DEG
MULTIPLE SHOCK,
E 20 42 MPPH =7.5 MPPV =7.5 MB IS AN INADEQUATE VALUE
E PP AB 23 53 T 17 AN 12.9 AE 15.5 AV 31.0
E SKS AB 30 55
E S 31 23
E 31 35
E PS B 32.0
E PKKP 37 52
E SKKP 40 49
E PKPPKP 45 56
L B 51 MLH =7.6 MLV =7.6
LM B 56 T 28 AN(240) AE 210 AV(300)
L B 12 02 T 20 AN(135) AE 145 AV(195)
FINAL 16 30

1979 MAR 14
I(P) 11 22 39.3D

1979 MAR 14
I(P) 11 23 23.8

1979 MAR 14 GUERRERO, MEXICO MB=5.5(48) D= 90.4 DEG AZ=300
E P 12 14 21 C 18.0N 101.3W 52KM H=12 01 24.8 (U)
17.1N 101.6W 33KM 12 01 18.7 (M)

1979 MAR 14
E 12 42 27

1979 MAR 14 VANCOUVER ISLAND REGION MB=5.1(26) D= 74.1 DEG AZ=336
E 14 48 10 50.1N 129.6W 10KM H=14 36 23.9 (U)
50.3N 130.2W 42KM 14 36 30.6 (M)

1979 MAR 14 VANCOUVER ISLAND REGION MB=5.3(50) D= 74.1 DEG AZ=336
E P 15 25 11 50.1N 129.7W 10KM H=15 13 32.4 (U)
50.9N 130.3W 33KM 15 13 40.5 (M)

1979 MAR 14 TRACES? NEAR COAST OF GUERRERO, MEXICO MB=5.0(28) D= 90.7 DEG AZ=300
E P 15 48 41 17.7N 101.4W 66KM H=15 35 43.1 (U)

1979 MAR 14 SOUTH OF KERMADEC ISLANDS MB=4.8(1) D=159.1 DEG AZ= 31
E PKP2 15 57 52 32.5S 179.4W 33KM H=15 37 19.2 (U)
E 37 58

1979 MAR 14 TRACES? FIJI ISLANDS REGION MB=4.4(2) D=148.6 DEG AZ= 23
E PKP1 18 43 06 21.4S 179.4W 621KM H=18 24 26.1 (U)

1979 MAR 14
E 19 40 42

1979 MAR 14 SOLOMON ISLANDS MB=5.3(24) D=126.6 DEG AZ= 48
I PKP 20 12 14.9D 1.2 / 19 7.3S 156.1E 47KM H=19 53 14.4 (U)
6.8S 156.1E 33KM 19 53 15.8 (M)

1979 MAR 14 TRACES
E P 23 28 09

1979 MAR 15
E 01 51 33

1979 MAR 15
E 02 19 34

1979 MAR 15
E 03 11 12

1979 MAR 15 MONA PASSAGE MB=4.9(40) D= 70.7 DEG AZ=275
I P 07 09 38.6C 18.4N 68.7W 111KM H=06 58 31.3 (U)
E AP 10 03 19.4N 68.7W 33KM 06 58 28.0 (M)

1979 MAR 15 YUNAN PROVINCE, CHINA MB=5.6(76) D= 71.1 DEG AZ= 76
E P AB 13 03 49 1.7 / 41 23.2N 101.1E 33KM H=12 52 29.3 (U)
E S B 13 05 T 12 AN 2.4 AE 1.2 MSH =6.3 23.3N 101.2E 33KM 12 52 29.9 (M)
E SSS B 21.0 DISTANCE 73 DEG
E PKPPKP 31 42
LM B 34 T 20 AN 22 AE 5.5 AV 7 MLH =6.4 MLV =6.5
FINAL 14

1979 MAR 15
E 13 25 05
E 25 55

1979 MAR 15 SOUTHERN CALIFORNIA MB=5.0(24) D= 88.9 DEG AZ=320
E P 20 30 22 34.3N 116.4W 1KM H=20 17 49.8 (U)
LM B 21 09 34.9N 116.6W 33KM 20 17 57.3 (M)

1979 MAR 15 SOUTHERN CALIFORNIA MB=5.5(60) D= 88.9 DEG AZ=320
I P 21 19 31.4C 2.1 / 92 34.3N 116.5W 1KM H=21 07 16.5 (U)
E S B 30 38 34.8N 116.8W 8KM 21 07 19.5 (M)
LM B 59 T 17 AN 4 AE 2.5 AV 5.5 MLH =5.9 MLV =6.1

1979 MAR 15 TRACES
E 21 37 32

1979 MAR 16
E 01 09 53

1979 MAR 16 SOUTHERN CALIFORNIA NO MB COMP. D= 83.9 DEG AZ=320
E P 01 10 02 34.3N 116.4W 2KM H=00 57 29.4 (U)

1979 MAR 16 SANTA CRUZ ISLANDS MB=5.3(27) D=135.7 DEG AZ= 39
E PKP 04 31 49 12.6S 166.1E 40KM H=04 12 32.3 (U)
E PP 34 28 12.1S 166.4E 33KM 04 12 33.2 (M)
LM B 05 39

1979 MAR 16 HOKKAIDO, JAPAN: REGION MB=4.9(41) D= 77.7 DEG AZ= 34
I P 08 01 20.2C 1.1 / 25 42.4N 144.7E 53KM H=07 49 28.7 (U)
43.2N 144.4E 33KM 07 49 31.4 (M)

1979 MAR 16 CENTRAL ITALY NO MB COMP. D= 8.4 DEG AZ=181
E SN 10 04 57 42.9N 12.9E 33KM H=10 01 26.3 (U)
E 05 30 42.9N 12.9E 32KM 10 01 28.6 (B)
E L 06 20

1979 MAR 16 CENTRAL ITALY NO MB COMP. D= 8.4 DEG AZ=181
I SN 10 14 47.2 42.9N 12.8E 33KM H=10 11 11.1 (U)
E SG 15 46 42.9N 12.8E 10KM 10 11 10.6 (B)
E 15 53

1979 MAR 16 CENTRAL ITALY MB=5.1(2) D= 8.4 DEG AZ=181
E 10 50 53 42.9N 12.8E 33KM H=10 46 28.0 (U)
42.9N 13.1E 10KM 10 46 26.0 (B)

1979 MAR 16 KURILE ISLANDS MB=4.7(8) D= 77.9 DEG AZ= 31
I P 11 54 54.0D 44.3N 149.2E 52KM H=11 45 02.5 (U)
45.2N 149.0E 64KM 11 45 08.5 (M)

1979 MAR 16 NORTHERN SUMATERA MB=5.6(90) D= 81.8 DEG AZ= 92
I P 15 47 39.4D 1.2 / 40 5.2N 96.3E 33KM H=15 39 22.9 (U)
I 48 24.5 5.2N 96.1E 33KM 15 39 22.4 (M)
E S B 57 52 DISTANCE 82 DEG
LM B 16 31 T 16 AN 1.5 AE 1.5 AV 2 MLH =5.6 MLV =5.6

1979 MAR 17 PHILIPPINE ISLANDS REGION MB=5.3(56) D= 85.5 DEG AZ= 63
I P 00 52 33.3D 1.8 / 62 20.1N 121.5E 45KM H=00 39 58.9 (U)
I AP 52 48.4C 1.6 / 80 20.3N 121.6E 33KM 00 39 58.4 (M)
E SKS B 01 02 56
LM B 34 T 16 AN 2 AE 1 AV 2

1979 MAR 17 KYUSHU, JAPAN MB=4.8(8) D= 80.6 DEG AZ= 50
E AP 03 38 31 32.8N 130.7E 12KM H=03 26 04.7 (U)
33.0N 130.1E 33KM 03 26 16.0 (M)

1979 MAR 17
E 03 53 18

1979 MAR 17 CHAGOS ARCHIPELAGO REGION MB=5.4(93) D= 71.8 DEG AZ=120
E P 06 43 31 C 3.0S 68.1E 10KM H=06 32 29.7 (U),
I 43 36.4D 1.8 / 120 2.9S 68.1E 40KM 06 32 33.8 (M)
LM B 07 29

1979 MAR 17
E 10 49 47

1979 MAR 17 SOUTHERN IRAN MB=4.9(46) D= 43.8 DEG AZ=106
I P 12 44 38.0D 1.9 / 94 26.5N 61.0E 33KM H=12 36 33.2 (U)
I 44 44.0 26.5N 61.0E 38KM 12 36 35.9 (B)
LM B 13 08 T 16 AN 1.9 AE 1 AV 1 28.7N 61.8E 33KM 12 36 34.7 (M)

1979 MAR 17 TRACES? SOUTH OF FIJI ISLANDS MB=4.2(2) D=152.8 DEG AZ= 18
E PKP1 21 58 31 24.7S 176.2W 33KM H=21 38 36.7 (U)

1979 MAR 17 TRACES? CYPRUS MB=3.8(10) D= 21.7 DEG AZ=134
E P 23 48 04 34.3N 31.6E 49KM H=23 43 14.9 (U)
34.3N 31.5E 36KM 23 43 16.3 (B)

1979 MAR 18 TONGA ISLANDS REGION MB=3.2(2) D=151.4 DEG AZ= 17
I PKP1 01 31 04.3C 2.4 / 20 23.5S 175.7W 33KM H=01 11 13.4 (U)
I 31 29.0

1979 MAR 18 IRAN MB=4.5(11) D= 31.7 DEG AZ=102
I P 05 26 14.0D 2.4 / 16 36.9N 52.6E 33KM H=05 10 51.5 (U)
37.2N 52.9E 33KM 05 10 59.8 (M)

D=428 KM AZ=103
1979 MAR 18 POLAND: UPPER SILESIA 50.3N 18.8E H=09 19 19.5 (P)
E PG 09 16 33 DISTANCE 940 KM
E 16 50
E SG 17 22

1979 MAR 18
E 09 44 01 — NO MB COMP:

1979 MAR 18 TRACES: SOUTHERN CALIFORNIA
E(P) 12 23 43

1979 MAR 18 TRACES
E 13 19 29 — MB=5.4(51)
D= 83.9 DEG AZ=320
34.3N;116.4W 2KM H=12 11 04:2

1979 MAR 18 NEAR COAST OF GUERRERO, MEXICO
E P 20 25 31
E PS B 37.5
LM B 21 08 T 22 AN 1 AE 0.5 AV 1.5 — MB=4.6(23)
D= 90.6 DEG AZ=299
17.5N;101.0W 33KM H=20 12 31:7
16.6N;101.2W 33KM 20 12 27:8

1979 MAR 18 BURMA
I P 21 08 23.2C 1.0 / 13 — MB=4.6(15)
D= 67.1 DEG AZ= 78
25.0N; 96.7E 54KM H=20 57 30:3
25.0N; 96.7E 33KM 20 57 28:5

1979 MAR 18 VIRGIN ISLANDS
I AP 21 35 34.0C — MB=5.1(50)
D= 67.2 DEG AZ=273
19.8N; 64.7W 41KM H=21 24 31:1

1979 MAR 18 VIRGIN ISLANDS
I P 22 48 19.8C 1.3 / 22
I AP 48 31.5 — MB=5.1(20)
D= 67.2 DEG AZ=273
19.8N; 64.7W 40KM H=22 37 28:1
20.9N; 64.5W 33KM 22 37 33:8

1979 MAR 18 NEW IRELAND REGION
E PKP 23 22 58
E APKP 23 32 — MB=5.5(27)
D=122.7 DEG AZ= 50
4.5S;153.0E 71KM H=23 04 07:1
4.5S;153.0E 33KM 23 04 03:1

1979 MAR 19 TONGA ISLANDS REGION
I PKP AB 00 21 38.9C 1.4 / 340
I 21 41.9
I APKP 21 46.8
LM B 01 31 T 18 AN 1 AE 0.5 AV 1.5 — MB=5.2(30)
D=146.1 DEG AZ= 10
17.6S;172.8W 33KM H=00 02 01:4
17.6S;173.9W 3KM 00 01 58:5

1979 MAR 19 SOUTH OF HONSHU, JAPAN
E 03 27 42
E PP 31 05
LM B 04 07 — MB=5.2(30)
D= 88.1 DEG AZ= 43
29.4N;142.3E 33KM H=03 14 47:5
29.3N;142.3E 3KM 03 14 42:9

1979 MAR 19 TONGA ISLANDS REGION
I PKIKP 08 05 12.3C 1.5 / 55
I PKP1 AB 05 14.9 1.3 / 120
I APKP 05 22.4
LM B 09 15 — MB=5.0(13)
D=146.6 DEG AZ= 10
18.1S;172.7W 33KM H=07 45 33:6
18.2S;178.4W 10KM 07 45 39:0

1979 MAR 19 FIJI ISLANDS REGION — MB=4.5(9)
I PKP1 09 13 21.7C 0.8 / 37
I PKP2 13 25.8C 1.0 / 26 — D=147.9 DEG AZ= 20
20.4S;178.4W 552KM H=08 54 37:6

1979 MAR 19 EXPLOSION
I PQ 13 52 34.0
I AB 52 36.2

1979 MAR 20 TONGA ISLANDS REGION — /4.4(2)/
E PKP1 01 56 38 — D=150.6 DEG AZ= 15
22.5S;175.1W 33KM H=01 36 48:9

1979 MAR 20 KURILE ISLANDS REGION — MB=5.1(62)
I P 04 46 37.9C 1.5 / 28
E 47 17 — D= 74.7 DEG AZ= 21
50.5N;159.7E 33KM H=04 39 00:1
50.6N;159.5E 3KM 04 34 56:6

1979 MAR 20
E 05 32 23

1979 MAR 20 MINDANAO, PHILIPPINE ISLANDS
E P 09 07 11 — MB=5.3(30)
D= 98.4 DEG AZ= 67
7.6N;126.6E 147KM H=08 53 47:2
7.4N;126.6E 33KM 08 53 33:5

1979 MAR 20 MID-INDIAN RISE
E P 13 14 18 — MB=5.7(23)
LMH B 14 08 T 18 AN 1.5 AE 1 AV 1
LMV B 15 T 16 AN 1 AE 1 AV 2 — D=104.8 DEG AZ=131
36.7S; 78.7E 10KM H=13 00 08:6
36.6S; 78.6E 1KM 13 00 07:8

1979 MAR 20 FIJI ISLANDS REGION
I PKP1 19 38 30.8C 0.9 / 12 — MB=4.8(4)
D=148.6 DEG AZ= 22
21.3S;178.9W 532KM H=19 19 44:1

1979 MAR 21 NEAR EAST COAST OF KAMCHATKA
I P 02 24 14.5 1.1 / 16 — MB=4.5(24)
D= 72.5 DEG AZ= 21
52.5N;158.2E 125KM H=02 13 00:7
52.5N;158.4E 120KM 02 12 59:9

1979 MAR 21 EASTERN TURKEY
E(P) 05 09 22 — MB=4.4(1)
D= 22.8 DEG AZ=116
37.8N; 39.0E 10KM H=05 04 14:2

1979 MAR 21 SOLOMON ISLANDS
I PKP 05 54 13.0C 0.9 / 15 — MB=5.6(36)
D=128.9 DEG AZ= 50
7.4S;154.4E 33KM H=05 39 12:8
6.7S;154.4E 33KM 05 35 15:6

1979 MAR 21 POLAND, UPPER SILESIA
E PQ 07 06 12
E 06 50
E SQ 07 07 — D=425 KM AZ=103
50.3N;18.8E H=07 09 00:6
50.1N; 18.8E 10KM 07 09 00:7

1979 MAR 21 POLAND, UPPER SILESIA
E 15 35 26

1979 MAR 21 PHILIPPINE ISLANDS REGION — MB=5.4(36)
E P 16 41 57 — D= 96.1 DEG AZ= 66
10.1N;126.1E 97KM H=16 20 54:4
10.2N;126.0E 3KM 16 20 27:4

1979 MAR 21 GREENLAND SEA — MB=4.8(9)
E P 17 20 50 1.9 / 50 — D= 22.5 DEG AZ=357
73.6N; 8.9E 10KM H=12 15 50.3 (U)
73.6N; 7.9E 10KM 12 15 49.2 (R)
73.5N; 9.4E 3KM 12 15 50.6 (M)

1979 MAR 21 KURILE ISLANDS — MB=4.8(16)
I P 19 19 28.0D — D= 77.2 DEG AZ= 29
45.3N;151.1E 75KM H=19 07 41.5 (U)
43.4N;151.1E 64KM 19 07 41.2 (M)

1979 MAR 22 HOKKAIDO, JAPAN, REGION — MB=5.0(57)
I P 03 54 06.3C 1.3 / 37
E 54 18 — D= 77.5 DEG AZ= 34
42.6N;144.7E 52KM H=03 42 15.5 (U)
43.1N;144.6E 69KM 03 42 19.7 (M)

1979 MAR 22 OFF COAST OF NORTHERN CALIFORNIA — MB=5.2(37)
I P 15 26 14.6 2.1 / 32
E 26 21
LM B 16 02 — D= 80.8 DEG AZ=331
41.9N;126.8W 15KM H=15 13 59.3 (U)
42.4N;127.3W 33KM 15 14 04.3 (M)

1979 MAR 22 NORTHERN ITALY — NO MB COMP:
E(PN) 15 56 09
E 56 41
E 56 51
E 57 25
E SG 58 17
I 58 33.0 — D= 7.2 DEG AZ=197
44.4N; 10.1E 10KM H=15 54 21.2 (U)
44.3N; 10.1E 10KM 15 54 22.2 (R)

1979 MAR 22
E 18 36 36

1979 MAR 22 SICILY — MB=4.7(4)
I(P) 19 35 50.7C 1.3 / 32
E 36 35 — D= 12.7 DEG AZ=170
38.8N; 15.9E 114KM H=19 32 44.7 (U)
38.8N; 15.9E 124KM 19 32 47.3 (R)
37.7N; 14.9E 33KM 19 32 26.7 (M)
E 37 01

1979 MAR 22 CENTRAL ITALY — NO MB COMP:
E PN 20 17 50
E 19 00
E SN 19 20
E 19 36
E SG 20 24 — D= 8.4 DEG AZ=180
42.9N; 13.0E 33KM H=20 15 48.1 (U)
42.9N; 13.0E 32KM 20 15 48.6 (R)

1979 MAR 22 POLAND, UPPER SILESIA
E 22 04 00

1979 MAR 23 NORTHERN ITALY — NO MB COMP:
E 07 13 01
E 13 46
E SG 13 56 — D= 7.2 DEG AZ=197
44.4N; 10.1E 10KM H=07 10 00.6 (U)
44.4N; 10.0E 10KM 07 10 02.3 (R)

1979 MAR 23 EASTERN MEDITERRANEAN SEA — MB=4.0(11)
E P 13 02 09 — D= 19.5 DEG AZ=140
35.1N; 28.0E 95KM H=12 57 43.3 (U)
35.1N; 28.1E 60KM 12 57 45.5 (R)

1979 MAR 23 TONGA ISLANDS — MB=5.2(34)
I PKP 15 21 50.1 0.9 / 19
E 22 33 — D=143.5 DEG AZ= 12
15.2S;174.1W 86KM H=15 02 26.2 (U)
15.7S;174.5W 33KM 15 02 18.5 (M)

1979 MAR 23 GULF OF CALIFORNIA — MB=5.1(33)
E(P) 17 34 52
E 35 16
LM B 18 17 T 16 AN 1 AE 2.5 AV 3 — D= 88.0 DEG AZ=312
26.7N;110.8W 15KM H=17 21 55.4 (U)
28.4N;111.5W 3KM 17 22 03.8 (M)

1979 MAR 23 DOMINICAN REPUBLIC REGION — MB=6.1(99)
I P(1) AB 19 43 43.8C 1.9 / 180 — D= 71.2 DEG AZ=275
T 8 AE 1.3 AV 2.9 MPH =6.2 MPV =6.2
18.0N; 69.0W 80KM H=19 32 31.1 (U)
18.6N; 69.4W 80KM 19 32 33.0 (M)
DISTANCE 71 DEG DEPTH 80 KM
I P(2) 43 47.4 0.9 / 155
I 43 56.1
E AP B 44 04
I XP 44 12.3
E PP B 46 23 T 9 AE 1.4 AV 1.8 MPRM =6.5 MPPV =6.4
E APP AB 46 44
E AB 52 52
E S AB 52 57 T 16 AN 6.9 AE 5.1 AV 3.9 MSH =6.4
E XS AB 53 32
E SCS 53 41
E(PKKP) 20 04 57 T 27 AE 15 AV 14
L B 07
E 10 32
LM B 11 T 20 AN 11.9 AE 14.5 AV 16 MLH =6.3 MLV =6.3 (NO DEPTH CORRECTION)
E 11 28
E PKPPKP 11 37
E 14 29
E SKPPKP 15 06
FINAL 21 30

1979 MAR 24 TRACES: KERMADEC ISLANDS REGION — MB=4.2(3)
E(PKP) 02 07 49 — D=155.3 DEG AZ= 22
27.8S;177.3W 121KM H=01 47 50.2 (U)

1979 MAR 24
E 04 54 24

1979 MAR 24 DODECANESE ISLANDS — MB=3.9(6)
E P 20 10 58 — D= 19.4 DEG AZ=141
35.0N; 27.7E 41KM H=20 06 51.1 (U)
35.0N; 28.0E 58KM 20 06 53.4 (R)

1979 MAR 24 SOUTH ISLAND, NEW ZEALAND — MB=5.3(20)
I PKP2 21 27 39.3C
I 27 45.9C 1.1 / 31 — D=162.8 DEG AZ= 66
42.1S;171.7E 59KM H=22 06 53.6 (U)

1979 MAR 25 FIJI ISLANDS REGION MB=5.0(17) D=147.3 DEG AZ= 15
I PKP 00 25 50.7D 0.9 / 42 16.3S 176.0W 381KM H=00 07 07.3
14.4S 173.4W 33KM 00 08 20.7

1979 MAR 25 GERMAN DEMOCRATIC REPUBLIC
I SG 01 57 37.4

1979 MAR 25 IRAN MB=4.6(38) D= 32.7 DEG AZ=105
I P 02 38 35.3 2.1 / 26 34.9N 52.5E 20KM H=02 32 22.2
I 39 01.6 35.0N 52.6E 60KM 02 32 20.7
34.5N 52.5E 33KM 02 32 21.2

1979 MAR 25 SOLOMON ISLANDS MB=5.1(32) D=120.4 DEG AZ= 48
I PKP 07 32 29.2D 1.0 / 27 4.7S 154.2E 387KM H=07 18 16.1
6.6S 155.5E 3KM 07 13 20.4

1979 MAR 25 SOUTHERN ITALY MB=4.5(55) D= 12.0 DEG AZ=172
I P 11 39 10.3D 1.9 / 220 39.4N 15.2E 306KM H=14 36 26.2
I 39 21.0 39.4N 15.2E 307KM 11 36 27.6
E S 41 29 39.4N 15.0E 303KM 11 36 25.1

1979 MAR 25 SOUTH OF FIJI ISLANDS MB=4.3(2) D=152.1 DEG AZ= 19
SUPERPOSED BY PRECEDING QUAKE 24.4S 176.7W 93KM H=11 19 45.2
E(PKP) 11 39 29

1979 MAR 25
E 13 43 16

1979 MAR 25 NORTHERN ITALY FRIULI NO MB COMP. D= 5.8 DEG AZ=179
E SG 15 16 46 46.3N 13.1E 10KM H=15 14 02.9

1979 MAR 25 WESTERN AUSTRIA NO MB COMP. D= 4.1 DEG AZ=197
E SG 23 31 08 47.4N 11.2E 6KM H=23 28 57.8
47.4N 11.4E 2KM 23 28 57.2

1979 MAR 26
E 00 18 51
E 19 06

1979 MAR 26 SOUTHERN GREECE MB=4.2(2) D= 15.0 DEG AZ=153
E(P) 00 55 17 37.6N 21.5E 53KM H=00 51 41.0
37.6N 21.4E 42KM 00 51 42.4

1979 MAR 26 SOUTHERN GREECE MB=4.4(6) D= 14.8 DEG AZ=152
I(P) 02 00 36.9D 1.4 / 27 37.8N 21.6E 61KM H=01 57 02.7
37.9N 21.8E 53KM 01 57 04.9
38.2N 22.4E 91KM 01 57 14.2

1979 MAR 26 SOUTHERN GREECE MB=4.6(38) D= 14.8 DEG AZ=152
I P 08 09 30.8 37.8N 21.6E 53KM H=08 06 02.4
I 09 36.8D 1.5 / 84 37.8N 21.8E 48KM 08 06 04.5
I PP 09 41.9D 1.6 / 64 37.5N 21.4E 33KM 08 06 57.6
I 10 13.0
E LM B 14 32
LM B 15.9 T 14 AN 1 AE 1 AV 2

1979 MAR 26 EXPLOSION
I PG 12 57 43.6
I SG 57 46.8
I L 57 49.3
E 58 55

1979 MAR 26 WESTERN POLAND D=220 KM AZ= 85
I PN 13 56 55.8 51.4N 16.1E H=13 55 34
I PG 56 59.2 (51.3N 15.6E 10KM 13 55 37.2
I 56 22.8 DISTANCE 230 KM
I 56 35.9
I(SG) 56 38.7

1979 MAR 26 POLAND, UPPER SILESIA
E 18 22 24

1979 MAR 27 TRACES
E 00 04 04

1979 MAR 27 PAPUA NEW GUINEA MB=5.4(34) D=119.7 DEG AZ= 59
I PKP 10 26 06.7D 0.8 / 13 6.1S 144.4E 65KM H=10 09 21.8
5.7S 144.4E 33KM 10 07 19.9

1979 MAR 27 ANDREANOF ISLANDS, ALEUTIAN IS. MB=5.0(53) D= 77.0 DEG AZ= 5
I P 11 50 58.8D 51.8N 175.3W 43KM H=11 39 09.0
51.0N 174.2W 33KM 11 38 59.9

1979 MAR 27 FIJI ISLANDS REGION MB=5.3(29) D=148.9 DEG AZ= 22
I PKIKP 12 01 12.3 21.6S 179.0W 558KM H=11 42 31.1
I PKP1 01 17.2D 1.1 / 80 DISTANCE 148.5 DEG DEPTH 570 KM
I PKP2 01 22.8D 1.2 / 33
E APKP 03 29 MC =4.9

1979 MAR 27 WESTERN AUSTRIA NO MB COMP. D= 4.2 DEG AZ=203
E SG 12 12 21 47.4N 10.6E 10KM H=12 10 06.3
47.4N 10.8E 10KM 12 10 07.3

1979 MAR 27
E 20 01 22

1979 MAR 27 NEW BRITAIN REGION MB=4.9(14) D=128.8 DEG AZ= 52
I APKP 20 05 46.8D 5.3S 152.7E 66KM H=19 46 37.9
4.2S 152.1E 3KM 19 46 35.0

1979 MAR 27 TONGA ISLANDS MB=5.1(16) D=151.5 DEG AZ= 15
I PKP1 23 00 58.9C 1.5 / 65 21.2S 174.0W 33KM H=22 40 20.9 (U)
19.5S 174.8W 33KM 22 40 29.9 (M)

1979 MAR 28 WESTERN IRAN MB=5.1(41) D= 32.8 DEG AZ=110
I P 01 40 09.0D 1.1 / 15 30.9N 49.9E 33KM H=01 38 26.9 (U)
E 40 31 31.0N 50.1E 69KM 01 38 32.4 (B)
E 40 53 30.6N 49.9E 33KM 01 38 25.5 (M)
LM B 57 T 16 AN 1 AE 1 AV 1.5

1979 MAR 28 SOUTHWESTERN USSR MB=4.7(11) D= 7.6 DEG AZ=112
E 13 06 24 46.0N 23.8E 10KM H=13 02 43.9 (U)
E 06 34 46.0N 23.8E 10KM 13 02 45.7 (B)
E SN 07 10

1979 MAR 28 TRACES, EXPLOSION? FRG, CENTRAL REGION
E SG 14 31 11

1979 MAR 29 SOUTH OF FIJI ISLANDS MB=5.4(33) D=150.6 DEG AZ= 28
I PKP1 01 39 21.0C 1.2 / 78 24.1S 178.5E 571KM H=01 11 32.3 (U)
I PKP2 39 51.4
E APKP 42 29 2.4 / 209

1979 MAR 29 NORTHERN SINKIANG PROV., CHINA MB=5.9(101) D= 47.5 DEG AZ= 72
I P AB 02 10 06.0C 1.5 / 380 42.0N 83.4E 33KM H=02 08 33.4 (U)
I AB 10 13.2 41.8N 83.5E 33KM 02 08 32.0 (M)
I 10 24.9
I PR 11 54.1
I 12 25.4
E(PPS) 17 09
LM B 27 T 15 AN 6
LM B 32 T 18 AN 3 AE 5 AV 7 MLH =5.9 MLV =6.5

1979 MAR 29 TIBET MB=5.3(34) D= 62.1 DEG AZ= 73
I P 07 17 42.1C 1.6 / 59 32.2N 97.0E 33KM H=07 07 22.7 (U)
LMH B 42 T 18 AN 7 AE 3 MLH =5.9 33.0N 97.1E 33KM 07 07 23.9 (M)
L B 44 MULTIPLE SHOCK,
MB IS AN INADEQUATE VALUE

1979 MAR 29 FIJI ISLANDS REGION MB=4.7(14) D=145.6 DEG AZ= 19
I PKP1 11 37 12.4C 1.0 / 55 16.0S 178.4W 594KM H=11 18 38.7 (U)

1979 MAR 29 SOUTH OF TONGA ISLANDS MB=5.0(9) D=158.3 DEG AZ= 17
E PKP1 12 00 37 25.4S 175.5W 35KM H=11 40 59.1 (U)

1979 MAR 29 FIJI ISLANDS REGION MB=5.0(6) D=145.7 DEG AZ= 28
E PKP 15 09 34 17.5S 178.2E 11KM H=14 40 56.2 (U)

1979 MAR 29
E 20 29 43

1979 MAR 30 SOUTHERN GREECE MB=4.2(6) D= 18.9 DEG AZ=153
I(P) 06 49 24.0D 1.4 / 29 37.7N 21.8E 69KM H=06 45 50.1 (U)
E 49 34 37.4N 21.2E 10KM 06 49 44.5 (B)

1979 MAR 30 EXPLOSION (QUESTIONABLY) DISTANCE 140 KM
I PG 08 58 29.4
I 58 45.2
I SG AB 58 46.6

1979 MAR 30 TONGA ISLANDS MB=4.9(7) D=146.6 DEG AZ= 14
I PKP1 09 25 13.1D 1.2 / 25 18.5S 175.3W 178KM H=09 05 51.9 (U)

1979 MAR 30 EXPLOSION OF 6#2 TONS, GERMAN DEMOCRATIC REPUBLIC D= 10 KM AZ=311
I PG 13 18 44.0 51.37N 12.89E
I SG AB 18 45.6
I 18 46
I 19 12.8

1979 MAR 30 FIJI ISLANDS REGION MB=4.4(4) D=144.7 DEG AZ= 20
I PKP 15 52 20.5C 1.4 / 27 17.3S 179.1W 595KM H=15 35 43.4 (U)

1979 MAR 30 ROMANIA MB=4.9(11) D= 9.7 DEG AZ=112
E PN 15 58 14 47.9N 23.7E 33KM H=15 56 20.7 (U)
E 58 27 47.9N 23.7E 10KM 15 56 21.0 (B)
E 58 38 47.7N 23.3E 40KM 15 56 23.5 (M)
I PG 58 51.3
I SN 59 38.2
I 59 50.5
E(SG) 16 00 40
LM B 01.3

1979 MAR 30 NEW BRITAIN REGION MB=5.4(31) D=128.8 DEG AZ= 51
I PKP 16 39 00.6 5.4S 151.7E 69KM H=16 20 19.1 (U)
7.2S 153.6E 1KM 16 19 05.0 (M)

1979 MAR 30 BANDA SEA MB=5.0(95) D=110.8 DEG AZ= 70
E PP 22 34 42 4.2S 131.4E 33KM H=22 19 33.2 (U)
E 34 52 4.1S 131.6E 43KM 22 19 34.1 (M)

1979 MAR 31
I P 09 53 05.8D

1979 MAR 31 SOUTH OF HONSHU, JAPAN MB=5.6(52) D= 38.5 DEG AZ= 48
I P AB 13 33 41.9 2.7 / 130 29.2N 142.3E 35KM H=15 20 54.3 (U)
E PP AB 37 10 29.9N 142.1E 50KM 15 20 50.3 (M)
E S B 44 04
E(PB) B 49.7
E SS B 50.3
LM B 14 38 T 14 AN 5 AE 3.5 AV 5 MLH =6.1 MLV =6.7

1979 MAR 31	SOUTHWESTERN RYUKYU ISLANDS	MB=4.8(81	D= 85.5 DEG	AZ= 60				
E AP	14 29 43		24.1N	123.4E	35KM	H=14	19	13.3
E	30 22							
1979 MAR 31	ALBANIA	NO MB COMP.	D= 10.5 DEG	AZ=154				
E	15 59 30		41.9N	19.0E	10KM	H=15	59	24.2
E SN	59 50		41.9N	19.0E	10KM	15	59	26.1
E	16 00 33							
E SG	01 13							
1979 MAR 31	TIBET	MB=4.7(20	D= 57.0 DEG	AZ= 77				
E(P)	16 08 06		32.7N	89.3E	33KM	H=15	58	44.2
			32.0N	89.9E	3KM	15	58	04.5
1979 MAR 31	SOUTHERN YUGOSLAVIA	NO MB COMP.	D= 10.2 DEG	AZ=153				
E	17 00 02		42.0N	19.1E	10KM	H=16	59	02.9
E SG	01 49		42.0N	19.2E	10KM	16	59	03.9
1979 MAR 31	NORTHERN SUMATERA	MB=5.3(40	D= 86.9 DEG	AZ= 93				
I P	17 07 18.3		0.7N	98.9E	72KM	H=16	54	34.5
E AP	07 33		0.8N	98.8E	42KM	16	54	31.7
1979 MAR 31	SOUTH OF HONSHU, JAPAN	MB=5.2(34	D= 88.2 DEG	AZ= 43				
E P	17 28 27		29.3N	142.3E	33KM	H=17	19	37.8
E(PP)	31 46		29.7N	142.2E	3KM	17	19	35.7

November 1981

Dr. B. Tittel
Dr. S. Wendt

Geophysikalisches Observatorium Collm

der Karl-Marx-Universität Leipzig

Geophysikalische Meßreihen

Seismische Registrierungen

Geophysikalisches Observatorium

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Leipzig

C O L L M

S E I S M I C
R E C O R D S

S E I S M I S C H E
R E G I S T R I E R U N G E N

2nd quarter of 1979

2. Quartal 1979

L 1017/81 III/18/445

SEISMOLOGICAL STATION COLLM (CLL)

GEOGRAPHICAL CO-ORDINATES: LATITUDE = 51°18.6'N; LONGITUDE = 13°00.2'E; ELEVATION = 230 m
FOUNDATION: GREYWACKE OF ORDOVICE

SEISMOGRAPHS AND ITS CONSTANTS:

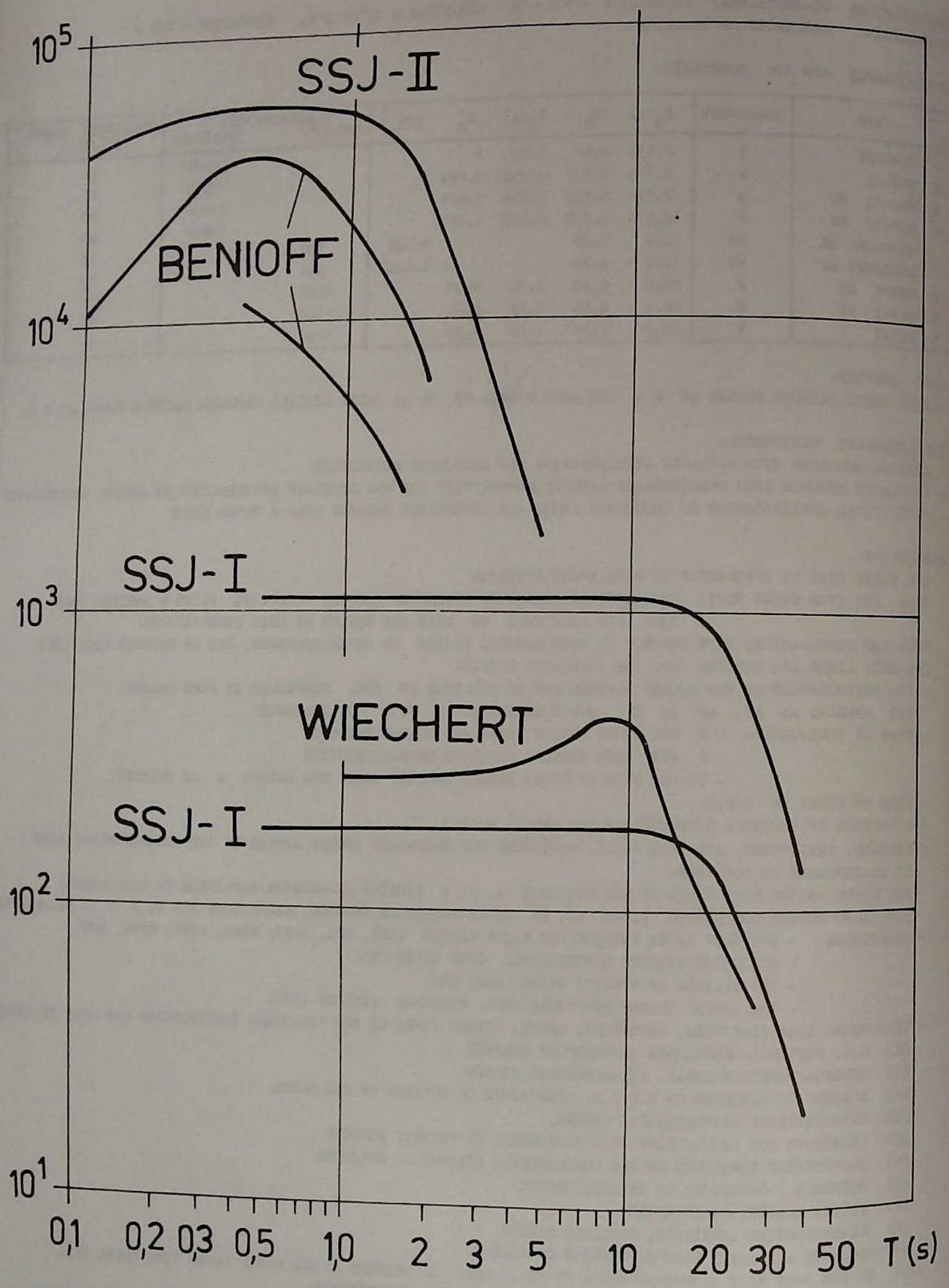
	TYPE	COMPONENT	T_s(s)	D_s	T_g(s)	D_g	r/T_s^2	MAGNIFICATION (STATIC)	MAGNIFICATION (MAXIMAL)	RECORDING SPEED (mm/min)
	BENIOFF	Z	0.452	0.65	1.43	1			(38000)	60
A	VSJ-II	z	2.175	0.537	0.296	1.474			55000	60
A	HSJ-II NS	n	2.171	0.537	0.294	1.474			60000	60
A	HSJ-II EW	e	2.171	0.537	0.293	1.474			58000	60
	WIECHERT NS	WN	10.0	0.28			0.026	370		15
	WIECHERT EW	WE	10.0	0.34			0.020	340		15
B	HSJ-I NS	N	20.0	0.50	1.10	9.09		1075		15
B	HSJ-I EW	E	20.0	0.51	1.21	8.24		1120		15
B	VSJ-I	V	20.0	0.51	1.20	8.35		1090		15

TIME SERVICE:
QUARTZ CLOCK (MINUTE PULSES OF 2 s AND HOUR PULSES OF 20 s; DAILY DIGITAL CONTROL; MAXIMUM ERROR ±0.2 s)

SUPPLEMENTARY EQUIPMENTS:
- SPECIAL RECORDER WITH VARIABLE AMPLIFICATION FOR ANNOUNCED EXPLOSIONS
- PERMANENT RECORDS WITH CONSIDERABLY REDUCED SENSITIVITY FOR THE COMPLETE REGISTRATION OF STRONG EARTHQUAKES
- AUTOMATICAL AMPLIFICATION OF RECORDING LIGHT FOR AMPLITUDES GREATER THAN A GIVEN LIMIT

EVALUATION:
THE FIRST LINE OF EVALUATION OF EACH EVENT CONTAINS
DATE AND (FOR KNOWN FOCI) GEOGRAPHICAL REGION OF EPICENTER (MOSTLY FOLLOWING FLINN & ENGDAHL 1965)
BODY WAVE MAGNITUDE MB WITH THE NUMBER OF USED OBSERVATIONS.
DETAILED INFORMATION, WITH RESPECT TO GEOGRAPHICAL REGION OR OTHER COMMENTS, CAN BE WRITTEN ALSO HERE.
THE NEXT LINES ARE DIVIDED INTO THE FOLLOWING COLUMNS
- THE NOMENCLATURE OF THE PHASES CORRESPONDS TO THE LIST OF ISC, COMPLETED BY SOME PHASES (pP APPEARS AS AP, sP AS XP, MULTIPLE PHASES AS P(1) FOR INSTANCE)
- TYPE OF INSTRUMENTS - A FOR SHORT PERIOD STANDARD CHARACTERISTICS
  - B FOR LONG PERIOD STANDARD CHARACTERISTICS
  - IN THE CASE OF SHORT PERIOD RECORDS ONLY THE LETTER A IS OMITTED!
- TIME OF ONSET IN G.M.T.
- DIRECTION OF VERTICAL COMPONENT OF THE GROUND MOTION
- PERIODS, AMPLITUDES, AND EVENTUALLY MAGNITUDES FOR IMPORTANT ONSETS APPEAR IN THE CORRESPONDING LINE IF MEASUREMENT IS POSSIBLE;
  FOR SHORT PERIOD COMPONENTS IN THE SEQUENCE z, n, e (PERIOD IN SECONDS/AMPLITUDE IN NANOMETRES)
  FOR LONG PERIOD COMPONENTS T, AN, AE, AV (MEAN PERIOD IN SECONDS, AMPLITUDES FOR N, E, V IN MICROMETRES)
- MAGNITUDES - FOR BODY WAVES THROUGH THE EARTH MANTLE (MPV, MPH, MPMV, MPMH, MPPV, MPPH, MSH)
  - FOR SHORTPERIODIC LONGITUDINAL CORE WAVES (MC)
  - FOR MAXIMUM OF SURFACE WAVES (MLH, MLV)
  - FOR STRONG QUAKES SOMETIMES FROM WIECHERT RECORDS (MAG)
- HYPOCENTER DATA (LATITUDE, LONGITUDE, DEPTH, ORIGIN TIME) OF THE FOLLOWING INSTITUTIONS ARE USED IN GENERAL
  (U) U.S. NATIONAL EARTHQUAKE INFORMATION SERVICE
  (B) EUROPEAN-MEDITERRANEAN SEISMOLOGICAL CENTRE
  (M) ACADEMY OF SCIENCES OF U.S.S.R., INSTITUTE OF PHYSICS OF THE EARTH
  (I) INTERNATIONAL SEISMOLOGICAL CENTRE
  (A) INSTITUTE FOR METEOROLOGY AND GEODYNAMICS IN VIENNA, AUSTRIA
  (C) GEOPHYSICAL INSTITUTE OF THE CZECHOSLOVAK ACADEMY OF SCIENCES
  (G) NATIONAL OBSERVATORY OF ATHENS, GREECE
  (P) POLISH ACADEMY OF SCIENCES
  (S) SEISMOLOGICAL INSTITUTE, UPPSALA, SWEDEN
  OWN COMMENTS ARE GIVEN WITHOUT MENTION OF SOURCE.
- MB IS THE BODY WAVE MAGNITUDE GIVEN BY (U). /MB/ IS PRINTED IN FEW OTHER CASES WITH FOCAL DATA OF OTHER INSTITUTIONS.
- EPICENTRAL DISTANCE D AND STATION AZIMUTH AZ ARE CALCULATED USING THE FIRST EPICENTER INDICATION AND ARE PRINTED ABOVE THESE DATA.
  D AND AZ ARE CALCULATED ACCORDING TO GEOCENTRIC CO-ORDINATES (D COMMONLY IN DEG, FOR NEAR EVENTS IN km, WITH A MAXIMUM ERROR OF ±0.1 DEG AND ±1 km, RESPECTIVELY; AZ IN DEG WITH A MAXIMUM ERROR OF ± 1 DEG).
- FOR COMPARISON WITH THE FIRST OWN EVALUATION "DISTANCE" AND "DEPTH" ARE GIVEN BELOW THE HYPOCENTER DATA.
- ROUND BRACKETS INDICATE UNCERTAINTIES.

NUMEROUS EXPLOSIONS AND ROCK BURSTS ARE LEAVED OUT IN THIS BULLETIN BECAUSE OF ITS UNIMPORTANT FORCE.
EVENTUAL INTERRUPTIONS OF RECORDS ARE INDICATED IN THE TIME SEQUENCE.
THE COMPILATION WAS PERFORMED AT THE COMPUTER CENTRE OF ZENTRALINSTITUT DER METALLURGIE, LEIPZIG.



Magnification curves
of COLLM seismographs


```
1979 APR 01   ICELAND                                  MB=4.1(10)      D= 20.6 DEG  AZ=322
I P           04 36 13.7C 1.5 /   19                                   64.6NJ 17.3W     9KM H=04 3E 31.2 CÙ)
                                                                       64.7NJ 17.8W    10KM    04 3E 32.8 (B)

1979 APR 01   FIJI ISLANDS REGION                                     /4.4( 1)/ D=148.2 DEG  AZ= 20
I PKP1        06 02 47.9D 0.9 /   15                                   20.7SI178.3W   591KM H=05 4E 05.8 (I)
I PKP2           02 52.3

1979 APR 01   BANDA SEA                                MB=5.6(37)      D=110.7 DEG  AZ= 71
E             07 35 21                                                 5.5SI130.1E    31KM H=07 16 17.3 CÙ)
E(PP)            35 35                                                 4.6SI129.9E    30KM    07 16 21.5 (M)
E(PPPPy          39 09
  LM      B 08 26

1979 APR 01   SOUTH OF FIJI ISLANDS                    MB=6.6( 21      D=152.9 DEG  AZ= 26
E APKP        09 08 42                                                 25.6SI179.8W   454KM H=08 47 55.0 CU)

1979 APR 01   MINDANAO, PHILIPPINE ISLANDS             MB=5.6(43)      D= 96.8 DEG  AZ= 70
E P           13 26 53 C                                               7.3NI123.3E    40KM H=13 1E 24.9 CÙ)
                                                                       7.7NI123.2E    33KM    13 1E 26.5 (M)

1979 APR 01   OFF EAST COAST OF KAMCHATKA              MB=5.8(36)      D= 75.9 DEG  AZ= 21
E P           22 16 36    1.3 /   21                                   51.9NI160.1E    37KM H=22 09 06.1 CÙ)
E                17 01                                                 51.7NI160.3E     3KM    22 09 09.3 (M)

1979 APR 02   FIJI ISLANDS REGION                      MB=4.5( 51      D=145.1 DEG  AZ= 20
I PKP1        02 54 58.1D 0.8 /   12                                   17.6SI178.6W   552KM H=02 3E 21.1 CÙ)

1979 APR 02
I P           03 55 33.8D 0.9 /   15

1979 APR 02   KURILE ISLANDS REGION                    MB=4.6( 8)      D= 77.9 DEG  AZ= 31
E P           17 09 51  D                                              43.6NI148.4E    38KM H=16 57 06.3 CU)
I AP             10 03.1D                                              43.6NI148.0E     3KM    16 57 02.9 (M)

1979 APR 02   NEAR EAST COAST OF HONSHU, JAPAN         MB=5.2(50)      D= 80.1 DEG  AZ= 38
I P           17 38 36.7C 1.1 /   38                                   38.5NI142.1E    43KM H=17 2E 30.0 CÙ)
E XP             38 54                                                 38.5NI142.2E    37KM    17 2E 28.4 (M)

1979 APR 02
E             22 28 39

1979 APR 03
E             03 21 19

1979 APR 03
E             04 32 03

1979 APR 03
I P           04 54 29.7D 1.0 /   20

1979 APR 03   SOUTHERN GREECE                          MB=4.4(10)      D= 14.9 DEG  AZ=155
I(P)          10 34 11.7  1.5 /   25                                   37.7NJ 21.9E    51KM H=10 3E 36.6 CÙ)
  LM      B     40                                                     37.6NJ 21.9E    10KM    10 3E 34.7 (B)
                                                                       36.8NJ 22.0E    33KM    10 3E 3E.2 (M)

1979 APR 03   SOUTH OF FIJI ISLANDS                    MB=5.1(18)      D=151.8 DEG  AZ= 25
E PKIKP       13 26 10                                                 24.3SI179.7W   482KM H=15 0F 17.3 CÙ)
I PKP1           26 16.4C 0.9 /   51                                   DISTANCE 151 DEG    DEPTH 480 KM
E PKP2           26 27    1.0 /   23
E APKP           28 12

1979 APR 03   EAST CHINA SEA                           MB=5.2(39)      D= 82.3 DEG  AZ= 55
E P           15 06 42                                                 27.4NI126.4E    33KM H=14 5E 22.1 CÙ)
E                08 17                                                 27.5NI126.4E     3KM    14 5E 18.1 (M)
  L       B     46

1979 APR 03   SOUTH OF FIJI ISLANDS                                   /4.8( 1)/ D=151.0 DEG  AZ= 20
I PKP1        15 51 07.0D 1.5 /   25                                   23.7SI177.1W    33KM H=15 3E 14.   (I)

1979 APR 03
I P           16 03 04.1  2.0 /   66
E                07 21

1979 APR 03   SOUTH OF FIJI ISLANDS                    MB=4.7( 31      D=151.0 DEG  AZ= 20
I PKP1        16 11 38.1D 1.0 /   43                                   23.8SI177.4W   108KM H=15 5E 05.2 CÙ)

1979 APR 03
E PG          16 54 21
E SG             55 08
I                55 14

1979 APR 03   SOUTH OF FIJI ISLANDS                    MB=5.4( 41      D=151.8 DEG  AZ= 20
E PKP1        17 45 45    1.5 /   77                                   23.7SI177.5W   134KM H=17 26 06.6 CU)
I PKP2           45 51.1                                               24.3SI179.9E    33KM    17 25 58.7 (M)

1979 APR 03
I P           17 54 01.8C 1.9 /   32
E                55 10

1979 APR 04   HOKKAIDO, JAPAN, REGION                  MB=4.7( 9)      D= 77.6 DEG  AZ= 37
E P           09 44 12                                                 41.4NI142.1E    70KM H=09 32 24.0 CÙ)

1979 APR 04   NORTHEAST OF TAIWAN                      MB=4.5( 9)      D= 88.9 DEG  AZ= 58
I P           12 51 19.6C 1.1 /   22                                   25.6NI124.8E   147KM H=12 3E 13.1 CÙ)
```

1979 APR 04 PHILIPPINE ISLANDS REGION MB=5.6(66)
I P 13 32 49.0D 1.6 / 68 D= 87.0 DEG AZ= 62
I AP 32 52.0 19.7N 123.7E 14KM H=15 19 59.0 (U)
LM B 14 17 19.9N 123.7E 33KM 15 20 02.8 (M)

1979 APR 04 TONGA ISLANDS MB=5.1(59)
I PKP1 13 34 07.0C 1.9 / 110 D=146.0 DEG AZ= 11
17.6S 173.2W 33KM H=15 14 28.5 (U)

1979 APR 04 SOUTH OF FIJI ISLANDS MB=4.7(51)
I PKP1 14 44 36.1C 0.7 / 26 D=149.5 DEG AZ= 24
I PKP2 44 43.2D 22.2S 179.7W 574KM H=14 29 51.0 (U)

1979 APR 04 RAT ISLANDS, ALEUTIAN ISLANDS MB=5.1(57)
E P 16 03 20 D= 76.9 DEG AZ= 10
51.4N 178.1E 42KM H=15 51 30.9 (U)
51.7N 177.6E 79KM 15 51 37.1 (M)

1979 APR 04 TRACES
E 18 26 37

1979 APR 04 ATLANTIC-INDIAN RISE MB=5.3(17)
E P 21 08 08 D= 91.8 DEG AZ=141
30.6S 59.9E 10KM H=20 59 00.5 (U)
30.7S 60.2E 33KM 20 59 58.8 (M)

1979 APR 04 WESTERN TURKEY MB=4.3(26)
E P 21 21 32 D= 19.9 DEG AZ=134
I 21 38.6 1.8 / 64 36.0N 30.7E 62KM H=21 17 03.4 (U)
36.1N 30.7E 65KM 21 17 06.9 (B)
35.3N 30.6E 33KM 21 16 56.0 (M)

1979 APR 05
E 03 07 12

1979 APR 05 SOUTHERN IRAN MB=4.8(34)
E P 04 13 19 D= 45.7 DEG AZ=106
E 13 42 26.6N 61.0E 33KM H=04 05 16.3 (U)
LM B 35 T 17 AN 1.5 AE 0.5 AV 1 26.7N 61.2E 3KM 04 05 14.0 (M)

1979 APR 05 SOUTHERN IRAN MB=4.3(8)
E 04 57 09 D= 45.9 DEG AZ=106
26.4N 61.0E 33KM H=04 48 21.6 (U)

1979 APR 05 NEAR WEST COAST OF COLOMBIA MB=4.5(5)
E P 05 52 09 D= 85.7 DEG AZ=275
6.3N 77.9W 33KM H=05 39 30.5 (U)

1979 APR 05
E 07 45 38

1979 APR 05
E 10 32 49

1979 APR 05
E 17 57 43

1979 APR 06 TRACES; OFF EAST COAST OF KAMCHATKA /4.7(5)/ D= 78.8 DEG AZ= 21
E P 00 26 52 51.9N 159.2E 33KM H=00 19 23.9 (I)

1979 APR 06 SOUTHERN SUMATERA MB=5.5(32)
E P 06 26 27 D= 98.8 DEG AZ= 93
4.1S 102.4E 59KM H=06 13 19.5 (U)
3.8S 102.4E 59KM 06 13 20.9 (M)

1979 APR 06 WESTERN AUSTRIA NO MB COMP. D= 4.2 DEG AZ=196
E PG 07 49 28 47.4N 11.4E 15KM H=07 48 02.1 (U)
I SN 49 53.7
E SG 50 24

1979 APR 06
E 12 43 14

1979 APR 06 SOUTHERN IRAN MB=4.4(7)
E P 18 24 31 D D= 43.9 DEG AZ=106
26.3N 61.0E 33KM H=18 16 23.6 (U)
26.2N 61.0E 33KM 18 16 23.6 (M)

1979 APR 06 KIRGHIZ-SINKIANG BORDER REGION MB=5.2(53)
I P(1) 18 38 13.7 D= 44.0 DEG AZ= 76
I P(2) 38 19.3C 1.0 / 34 41.9N 77.5E 19KM H=18 38 06.4 (U)
E 38 39 42.0N 77.8E 15KM 18 38 05.8 (M)
E PP 40 00
E PPPP 41 04
E 41 19
E SS B 48.1
LM B 59 T 16 AE 2 AV 2.5 MLV =5.4

1979 APR 06 MINDANAO, PHILIPPINE ISLANDS MB=5.6(44)
I P 20 40 48.2D 1.9 / 27 D= 99.8 DEG AZ= 67
E AR 41 20 6.5N 128.8E 122KM H=20 27 17.9 (U)
E 44 13 6.8N 128.7E 80KM 20 27 14.1 (M)

1979 APR 06 / APR 07 KURILE ISLANDS MB=5.1(41)
E P(1) 23 58 53 D= 79.6 DEG AZ= 31
I P(2) 59 01.4C 1.1 / 27 44.1N 149.1E 33KM H=23 47 07.6 (U)
LM B 00 37 44.5N 149.0E 52KM 23 47 08.9 (M)

1979 APR 07 TRACES
E 05 52 09

1979 APR 07 QUESTIONABLE EVENT
E PG 06 10 23
I SG 10 46.0

1979 APR 07 OFF COAST OF OREGON MB=5.5(52)
I P 06 30 47.6C 2.3 / 130 D= 69.7 DEG AZ=331
LM B 07 08 T 19 AN 0.5 AE 1.5 AV 2 42.0N 126.8W 33KM H=06 15 33.0 (U)
41.9N 127.3W 3KM 06 15 30.5 (M)

1979 APR 07 KURILE ISLANDS MB=4.6(11)
I P 12 04 56.2D 0.9 / 19 D= 76.9 DEG AZ= 27
46.6N 152.7E 97KM H=21 59 11.3 (U)
46.5N 152.8E 69KM 21 58 11.6 (M)

1979 APR 07 POLAND, UPPER SILESIA
E 13 31 45

1979 APR 07
E 16 25 52

1979 APR 07
E 22 28 43

1979 APR 07 TRACES
E 22 41 24

1979 APR 08
E 00 10 15

1979 APR 08
E 00 12 26

1979 APR 08
E 00 22 46

1979 APR 08 SOUTHERN IRAN MB=4.2(3)
E P 18 34 12 D= 35.8 DEG AZ=112
E 37 09 29.6N 51.4E 33KM H=18 27 13.9 (U)

1979 APR 09 SOUTH OF KERMADEC ISLANDS /5.0(2)/ D=180.5 DEG AZ= 28
I PKP2 00 41 32.4D 1.6 / 31 33.1S 178.0W 33KM H=00 20 55.7 (I)
32.1S 175.0E 0KM 00 25 06.4 (M)

1979 APR 09 SOUTH OF KERMADEC ISLANDS MB=4.9(21)
E PKP2 01 20 02 1.4 / 18 D=180.0 DEG AZ= 32
33.5S 179.6W 128KM H=00 50 42.9 (U)

1979 APR 09
E 02 10 07

1979 APR 09 YUGOSLAVIA-ALBANIA COAST REG, ** MB=5.3(41)
THIS QUAKE IS THE BEGINNING OF AN AFTERSHOCK SEQUENCE DENOTED BY ** D= 10.2 DEG AZ=154
E PN(1) 02 12 51 42.0N 19.0E 10KM H=02 10 20.3 (U)
I PN(2) 12 54.1D 1.9 / 88 41.9N 19.1E 10KM 02 10 23.0 (B)
I AB 13 14.2 41.7N 18.9E 3KM 02 10 17.1 (M)
I SN 14 38.9 DISTANCE 10 DEG
I AB 14 43.1
I 15 18
I 15 34.7
I 15 38.9
E SG AB 15 58 T 7 AN 8 AE 23
E L AB 16 08 T 10 AN 12 AE 22
L(M) B 16.9 T 12 AN 10 AE 8 AV 5 (MLH =5.0)
FINAL 03

1979 APR 09 YUGOSLAVIA-ALBANIA COAST REG, ** NO MB COMP. D= 10.2 DEG AZ=154
E SN 02 28 14 42.0N 19.0E 10KM H=02 25 54.0 (U)
E 28 45 42.0N 19.0E 10KM 02 25 55.9 (B)
E SG 29 29
E L 29 46

1979 APR 09 SOUTH OF KERMADEC ISLANDS MB=4.7(3)
E PKP2 03 48 13 D=180.0 DEG AZ= 29
33.2S 178.5W 33KM H=03 27 39.8 (U)

1979 APR 09 TUNISIA MB=4.9(11)
E(P) 08 16 42 1.3 / 27 D= 14.5 DEG AZ=189
LMH B 22 37.2N 10.1E 24KM H=08 13 11.0 (U)
LM B 24 37.1N 10.1E 16KM 08 13 12.1 (B)
36.0N 10.0E 33KM 08 13 05.6 (M)

1979 APR 09 TUNISIA MB=4.3(4)
E(P) 10 30 51 D= 14.2 DEG AZ=189
37.2N 10.2E 34KM H=10 27 21.5 (U)
37.3N 10.2E 50KM 10 27 25.3 (B)

1979 APR 09 SEA OF OKHOTSK MB=4.3(13)
I P 13 13 56.0 D= 69.8 DEG AZ= 25
54.6N 153.4E 547KM H=13 03 40.3 (U)

1979 APR 09 SOUTHERN HONSHU, JAPAN MB=4.8(22)
I P 13 24 56.7D 1.0 / 22 D= 79.8 DEG AZ= 47
E AP 25 10 34.3N 132.9E 97KM H=13 18 54.0 (U)
34.6N 132.8E 70KM 13 18 56.7 (M)

1979 APR 09 OFF EAST COAST OF HONSHU, JAPAN MB=4.7(10)
E P 14 18 58 D= 81.8 DEG AZ= 39
37.1N 142.2E 41KM H=14 06 43.0 (U)
37.1N 142.4E 33KM 14 06 41.4 (M)

1979 APR 09 NEAR COAST OF NICARAGUA MB=5.0(16)
E P 14 41 46 D= 87.8 DEG AZ=304
11.2N 86.3W 78KM H=14 20 06.3 (U)

1979 APR 09 TRACES
E 14 48 07

1979 APR 09
E 15 37 20

1979 APR 09 FIJI ISLANDS REGION MB=4.4(3)
I PKP1 17 38 53.5 1.0 / 17 D=146.8 DEG AZ= 19
18.5S 178.1W 402KM H=17 19 58.2 (U)

1979 APR 09
E 23 03 03 MB=6.0(89) D=102.5 DEG AZ= 69
3.0N 126.9E 37KM H=01 42 22.0 (U)
3.2N 126.9E 43KM 01 42 23.5 (M)

1979 APR 10 TALAUD ISLANDS
I P AB 01 56 15.0C 2.7 / 040 DISTANCE 103 DEG
T 11 AN 0.9 AE 1.6 AV 4.7 MPH 06.9 MPV 07.1
I 56 28.4
I 59 36.8
I PP 02 00 28.5
E PPP AB 02 38
E SKS AB 06 56
E SKKS 07 26
E S AB 07 54 T 18 AN 9.4 AE 5.6 MSH 07.3
I PS AB 09 23.0
E PPS B 10 34
E SS B 15.1
E SSS B 19.1
E B 20.0
LMH B 42 T 22 AN 48.9 AE 41 AV 29 MLH 07.1
LMV B 56 T 18 AN 27 AE 20 AV(36) MLV 07.0
FINAL 04 30

1979 APR 10 NORTH ATLANTIC RIDGE MB=4.9(38) D= 27.4 DEG AZ=290
I P 10 38 42.0 32.3N 31.8W 10KM H=18 32 55.5 (U)
I 38 44.8 32.4N 31.7W 10KM 18 32 58.0 (B)
L B 49 32.3N 31.7W 8KM 18 32 55.1 (M)

1979 APR 10 TRACES! YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMR. D= 10.2 DEG AZ=153
E 10 59 53 42.0N 19.2E 10KM H=18 54 57.3 (U)
41.9N 19.1E 10KM 18 54 57.8 (B)

1979 APR 10 EXPLOSION
I PN 13 31 35.8
I PG 31 36.3
I SN 31 50.9
I SG 31 53.0

1979 APR 10 SOUTH OF FIJI ISLANDS MB=5.1(7) D=153.6 DEG AZ= 21
E PKP1 16 01 50 26.0S 177.0W 108KM H=15 42 02.9 (U)

1979 APR 10 TRACES! TONGA ISLANDS MB=4.7(2) D=143.6 DEG AZ= 11
E PKP 23 49 04 15.2S 173.6W 33KM H=23 29 55.0 (U)

1979 APR 11 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.2 DEG AZ=154
E 02 30 47 42.0N 19.0E 10KM H=02 25 43.8 (U)
E SG 31 17 42.0N 19.0E 10KM 02 25 45.0 (B)
E L 31 37

1979 APR 11 YUGOSLAVIA-ALBANIA COAST REG. ** D= 10.2 DEG AZ=153
E SG 10 08 12 42.0N 19.2E 10KM H=18 02 32.1 (B)

1979 APR 11 EASTERN TURKEY MB=5.0(30) D= 24.8 DEG AZ=107
I P 12 19 47.0C 1.2 / 35 39.1N 43.9E 34KM H=12 14 26.3 (U)
I 20 07.3C 39.2N 43.9E 60KM 12 14 30.9 (B)
LH B 30 T 16 AN 0.5 39.2N 43.9E 3KM 12 14 22.8 (M)
LM B 32 T 14 AE 0.5 AV 0.5

1979 APR 11
I(P) 14 33 23.8 1.1 / 25

1979 APR 11 TONGA ISLANDS MB=4.9(8) D=146.4 DEG AZ= 10
I PKP1 19 33 16.9C 1.2 / 130 18.0S 173.0W 02KM H=19 13 42.6 (U)

1979 APR 11 EASTERN TURKEY MB=4.3(7) D= 23.3 DEG AZ=110
I P 22 39 28.5D 39.2N 41.6E 66KM H=22 34 24.8 (U)
39.1N 41.7E 10KM 22 34 19.8 (B)
39.1N 41.9E 33KM 22 34 21.8 (M)

1979 APR 12 FIJI ISLANDS REGION MB=5.4(35) D=145.6 DEG AZ= 19
I PKIKP AB 00 32 51.7C 18.0S 178.1W 621KM H=00 14 21.0 (U)
I PKP1 32 53.2D 1.3 / 295 19.0S 177.9W 33KM 00 13 14.3 (M)
E APKP 35 12 DEPTH 606 KM
E PP 36 18

1979 APR 12 TRACES! SOUTH ATLANTIC RIDGE MB=4.7(8) D= 74.2 DEG AZ=204
E P 02 09 15 19.8S 11.8W 10KM H=01 57 37.1 (U)

1979 APR 12 TAJIK SSR MB=4.7(14) D= 43.3 DEG AZ= 84
E PP 02 35 14 37.9N 72.6E 133KM H=02 25 51.7 (U)
38.0N 72.5E 140KM 02 25 52.7 (M)

1979 APR 12 SOUTH ATLANTIC RIDGE MB=5.1(35) D= 78.9 DEG AZ=204
E 02 49 58 19.6S 11.8W 10KM H=02 38 23.1 (U)
LM B 03 23 19.6S 12.0W 27KM 02 38 23.8 (M)

1979 APR 12 FIJI ISLANDS REGION MB=4.8(10) D=148.9 DEG AZ= 22
E PKIKP 03 09 20 21.6S 179.2W 576KM H=02 58 40.6 (U)
I PKP1 09 24.9D 1.2 / 100 DISTANCE 149 DEG DEPTH 568 KM
E PKP2 09 32 1.3 / 22 MC 04.9
E APKP 11 37

1979 APR 12
I 08 55 26.8C

1979 APR 12 EXPLOSION! CZECHOSLOVARIA
I PG 10 09 15.9
I SG 09 30.6

DISTANCE 120 KM

1979 APR 12 PANAY, PHILIPPINE ISLANDS MB=5.3(44) D= 95.7 DEG AZ= 68
E P 15 51 16 10.5N 122.9E 48KM H=15 37 59.4 (U)
LM B 16 40 T 17 AN 1.5 AE 1 AV 1.5 10.9N 122.4E 78KM 15 38 05.0 (M)

1979 APR 12
E 16 26 12

1979 APR 12 SANTA CRUZ ISLANDS MB=5.1(12) D=134.2 DEG AZ= 38
E PKP 23 04 36 10.9S 166.2E 109KM H=22 49 58.0 (U)

1979 APR 12 AEGEAN SEA MB=4.3(13) D= 15.5 DEG AZ=142
I(P) 23 12 44.0C 1.6 / 19 39.2N 24.3E 33KM H=23 09 13.7 (U)
E 12 57 39.2N 24.4E 10KM 23 09 13.4 (B)
LM B 19 T 12 AN 0.5 AE 1 AV 0.5 39.4N 24.2E 33KM 23 09 14.1 (M)

1979 APR 13
E 04 45 44

1979 APR 13 OFF COAST OF NORTHERN CALIFORNIA MB=4.7(15) D= 82.2 DEG AZ=330
I P 08 20 14.2C 40.4N 127.0W 15KM H=08 09 52.2 (U)

1979 APR 13 POLAND, UPPER SILESIA
E 13 37 56

1979 APR 13 SOUTH OF FIJI ISLANDS MB=4.7(13) D=140.4 DEG AZ= 23
I PKP1 14 35 46.1C 0.8 / 59 22.3S 179.8W 570KM H=14 19 00.6 (U)
I PKP2 35 53.7C 0.9 / 32

1979 APR 13
E 15 34 43

1979 APR 13 SOUTH OF FIJI ISLANDS MB=4.4(4) D=140.8 DEG AZ= 24
I PKP1 16 20 31.3C 0.7 / 28 22.2S 179.7W 572KM H=16 05 45.9 (U)
I PKP2 20 38.7C 0.9 / 19

1979 APR 14 SOUTH OF FIJI ISLANDS MB=5.6(6) D=153.9 DEG AZ= 22
I PKP1 01 12 54.5C 26.5S 177.8W 223KM H=00 53 19.1 (U)
E APKP 13 58

1979 APR 14
E 01 53 35

1979 APR 14 EASTER ISLAND CORDILLERA MB=5.4(23) D=134.6 DEG AZ=267
E PKP 02 59 58 0.8 / 13 35.1S 106.9W 10KM H=02 48 37.6 (U)
LM B 03 54 33.7S 107.8W 3KM 02 48 40.0 (M)

1979 APR 14 POLAND, UPPER SILESIA
E 05 48 31

1979 APR 14 TRACES! EASTER ISLAND CORDILLERA MB=5.1(3) D=134.5 DEG AZ=267
E PKP 08 09 35 35.0S 106.9W 10KM H=07 58 14.3 (U)

1979 APR 14 SOUTHERN PACIFIC OCEAN MB=6.1(30) D=132.8 DEG AZ=263
I PKP AB 10 19 42.0 1.0 / 19 36.0S 102.8W 10KM H=10 00 24.9 (U)
E PP AB 22 09 36.1S 103.7W 33KM 10 00 30.1 (M)
E PKS AB 23 12 5.8 / 890 DISTANCE 132 DEG
E PPP B 25.0
E PSKS B 32 12
E SS B 39.5
E SSS B 44.7
LM B 11 06 T 28 AN 7 AE 26 AV 21 MLH 06.7 MLV 06.7
FINAL 12 30

1979 APR 14 TONGA ISLANDS MB=4.5(4) D=146.8 DEG AZ= 14
E PKP1 14 03 46 18.3S 179.2W 177KM H=13 48 24.6 (U)

1979 APR 14 FIJI ISLANDS REGION MB=4.8(11) D=148.8 DEG AZ= 22
E PKIKP 15 43 58 21.0S 179.2W 633KM H=15 29 25.3 (U)
I PKP1 44 02.6D 1.0 / 52 20.9S 178.8W 32KM 15 24 23.0 (M)
I PKP2 44 08.4 1.2 / 22

1979 APR 14 AFGHANISTAN-USSR BORDER REGION MB=4.9(14) D= 43.8 DEG AZ= 85
I AP 15 51 36.6C 1.3 / 22 37.2N 71.7E 128KM H=15 48 19.7 (U)
37.2N 71.8E 110KM 15 49 18.3 (M)

1979 APR 14 NORTH ATLANTIC RIDGE MB=4.9(10) D= 42.2 DEG AZ=265
E P 17 26 55 33.0N 39.8W 10KM H=17 10 50.1 (U)
32.8N 39.9W 10KM 17 10 51.9 (M)

1979 APR 15 KURILE ISLANDS MB=4.5(7) D= 77.8 DEG AZ= 28
E P 00 38 17 45.5N 151.8E 35KM H=00 26 25.1 (U)

1979 APR 15 TONGA ISLANDS MB=4.9(11) D=149.6 DEG AZ= 14
I PKP1 01 50 28.0C 1.3 / 26 21.4S 174.8W 35KM H=01 38 44.4 (U)
E 50 43

1979 APR 15 FIJI ISLANDS REGION MB=4.9(15) D=148.8 DEG AZ= 21
I PKP1 04 55 28.7D 1.0 / 47 20.8S 178.8W 648KM H=04 35 52.8 (U)
E PKP2 55 33 1.2 / 25
E APKP 57 56

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.8 DEG AZ=154
E 06 03 40 41.9N 19.1E 10KM H=05 58 40.8 (U)
E SG 04 14 41.9N 19.1E 10KM 05 58 41.8 (B)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.8 DEG AZ=154
I PN 06 22 10.0 42.0N 19.0E 10KM H=06 10 40.1 (U)
41.9N 19.0E 8KM 06 10 42.0 (B)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. **
MAIN SHOCK
I PN AB 06 22 12.4C 2.0 / (1050) MB=6.2(33) D= 10.1 DEG AZ=155
T 8 AN 21.9 AE 12.5 AV 25 42.1N; 19.2E 10KM H=06 19 24.1 (Q)
42.0N; 19.0E 27KM 06 19 47.6 (B)
I 22 23.2C 41.8N; 18.7E 33KM 06 19 37.2 (M)
I 22 34 DISTANCE 10 DEG
I(SN) B 24 07
I 24 33
I 24 49.0
I SG 25 20
LMH AB 26 T(92 AN=340 AE=305 (MLH =6.7) INTERRUPTION OF WIECHERT RECORDS AT LMH
W B 09 38
FINAL 10 20

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 9.9 DEG AZ=155
SUPERPOSED BY MAIN SHOCK 42.2N; 18.7E 10KM H=06 31 09.3 (Q)
E SG 06 36 39 42.2N; 18.7E 10KM 06 31 11.6 (B)

1979 APR 15 SUPERPOSED BY MAIN SHOCK
E 07 06 24

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.7(3) D= 10.2 DEG AZ=153
SUPERPOSED BY MAIN SHOCK 42.0N; 19.2E 10KM H=07 11 27.9 (Q)
E(SN) 07 15 49 41.9N; 19.2E 10KM 07 11 29.8 (B)
E(SG) 17 11 41.9N; 19.2E 10KM 07 11 29.8 (M)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.0(1) D= 10.3 DEG AZ=153
SUPERPOSED BY MAIN SHOCK 42.0N; 19.3E 10KM H=07 25 31.2 (Q)
E PN 07 28 07 41.9N; 19.3E 10KM 07 25 32.5 (B)
E SG 31 09

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.5 DEG AZ=153
E 07 33 30 41.8N; 19.4E 0KM H=07 28 24 (I)

1979 APR 15 SAMOA ISLANDS REGION MB=4.8(8) D=145.4 DEG AZ= 9
E 07 49 31 16.9S;172.9W 33KM H=07 29 46.7 (Q)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8(1) D= 10.4 DEG AZ=154
E 07 51 46 41.8N; 19.1E 10KM H=07 48 44.5 (Q)
E 53 02
E SG 54 22

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.4(6) D= 9.8 DEG AZ=155
E 08 11 19 42.3N; 18.6E 10KM H=08 08 41.6 (Q)
E 13 04 42.3N; 18.6E 40KM 08 08 46.3 (B)
E 13 25 42.1N; 18.6E 3KM 08 08 39.6 (M)
E SG 14 03

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.2(4)
SUPERPOSED BY PRECEDING QUAKE D= 10.1 DEG AZ=153
E PN 08 15 51 42.1N; 19.2E 10KM H=08 13 14.8 (Q)
E 18 24 42.0N; 19.2E 45KM 08 13 19.3 (B)
E SG 19 08

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.4(1) D= 10.2 DEG AZ=153
E 09 13 31 42.0N; 19.2E 10KM H=09 10 54.3 (Q)
E 16 12 41.9N; 19.3E 10KM 09 10 56.1 (B)
E SG 16 31
E 17 14

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** D= 10.2 DEG AZ=152
E 09 50 26 (42.1N; 19.4E 10KM H=09 46 53.2 (B))
E SG 52 20

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.2 DEG AZ=153
E 10 08 29 42.0N; 19.1E 10KM H=10 03 27.4 (Q)
42.0N; 19.2E 10KM 10 03 29.8 (B)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=5.1(42) D= 10.4 DEG AZ=153
I PN 10 27 55.9 1.6 / 50 41.9N; 19.3E 10KM H=10 25 24.2 (Q)
E PG 28 53 41.8N; 19.3E 18KM 10 25 27.3 (B)
E 30 51 41.8N; 19.1E 33KM 10 25 25.4 (M)
E SG 31 02 DISTANCE 10 DEG
AB 31.2 T 6 AN 2 AE 4 AV 2
LMH B 31.8 T 12 AN 1.5 AE 2.5 MLH =4.3

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.4(9) D= 10.1 DEG AZ=154
E PN 11 09 58 42.1N; 19.0E 10KM H=11 07 50.2 (Q)
E 10 45 42.1N; 19.0E 10KM 11 07 52.2 (B)
E 11 25 42.1N; 18.9E 3KM 11 07 28.4 (M)
E SG 12 32
E L 13 01
13 10

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 9.9 DEG AZ=155
E SG 11 22 09 42.2N; 18.7E 10KM H=11 17 15.9 (Q)
E 22 43 42.3N; 18.8E 10KM 11 17 18.3 (B)
E L 23 07

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.2 DEG AZ=153
E L 11 36 10 42.0N; 19.2E 10KM H=11 30 23.3 (Q)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8(1) D= 10.4 DEG AZ=153
E 11 47 59 41.9N; 19.3E 10KM H=11 42 16.8 (Q)
E SG 48 02 41.9N; 19.4E 4KM 11 42 18.3 (M)
E L 48 15

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.3(6) D= 10.2 DEG AZ=153
E 12 46 22 42.0N; 19.1E 10KM H=12 43 46.6 (Q)
E 47 03 41.9N; 19.2E 10KM 12 43 48.9 (B)
E 48 38 41.9N; 19.2E 33KM 12 43 49.3 (M)
E 49 55

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
(QUESTIONABLY) D= 10.4 DEG AZ=153
E SN 13 18 12 41.8N; 19.3E 10KM H=13 18 58.5 (Q)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.3(1) D= 9.7 DEG AZ=155
E 13 28 24 42.4N; 18.6E 10KM H=13 24 32.5 (Q)
E SG 29 51 42.3N; 18.6E 10KM 13 24 34.3 (B)
42.1N; 18.4E 33KM 13 24 32.7 (M)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.0(1) D= 9.9 DEG AZ=152
E 14 05 19 42.7N; 19.0E 10KM H=14 02 58.7 (Q)
E 06 27 42.5N; 18.9E 10KM 14 02 55.1 (B)
E SN 06 52
E SG 08 04
E L 08 16

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.0(1) D= 9.6 DEG AZ=151
E PN 14 13 32 42.7N; 19.2E 10KM H=14 11 10.0 (Q)
E SN 15 09 42.6N; 19.1E 10KM 14 11 12.3 (B)
E SG 16 29 42.0N; 18.4E 3KM 14 11 02.9 (M)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.2 DEG AZ=153
E 14 38 38 42.0N; 19.1E 10KM H=14 33 10.5 (Q)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=5.7(79) D= 9.8 DEG AZ=154
I PN AB 14 45 30.8C 1.7 / 156 42.3N; 18.7E 10KM H=14 43 06.0 (Q)
I 45 51.5 42.2N; 18.7E 10KM 14 43 08.1 (B)
I SN AB 47 16.7 42.2N; 18.6E 3KM 14 43 03.5 (M)
I AB 47 51.0 DISTANCE 10 DEG
E SG B 48.6 T 9 AN 35 AE 65 AV 19.5
LH B 49.6 T 12 AN 40 AE 18 AV 46.5 MLH =5.5
FINAL 15 45

1979 APR 15 CENTRAL YUGOSLAVIA NO MB COMP. D= 8.8 DEG AZ=154
E PG 15 27 20 43.2N; 18.2E 10KM H=15 24 28.1 (Q)
E 28 47 43.2N; 18.3E 20KM 15 24 31.2 (B)
E SG 29 23

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.0(1) D= 10.3 DEG AZ=153
E 17 25 40 41.9N; 19.2E 10KM H=17 20 38.7 (Q)
41.9N; 19.3E 10KM 17 20 41.0 (B)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.3 DEG AZ=154
E 17 51 18 41.9N; 19.0E 10KM H=17 46 04.9 (Q)

1979 APR 15
E 17 54 00

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8(1) D= 9.6 DEG AZ=155
I PN 17 55 21.5C 1.0 / 17 42.5N; 18.5E 10KM H=17 52 56.2 (Q)
E 57 29 42.6N; 18.6E 10KM 17 52 58.7 (B)
E SG 58 14 42.6N; 18.7E 33KM 17 53 00.2 (M)

1979 APR 15 EAST OF LAKE BAIKAL MB=4.6(8) D= 54.4 DEG AZ= 42
E P 18 29 46 56.2N;113.5E 33KM H=18 20 22.8 (Q)
56.2N;113.4E 3KM 18 20 19.0 (M)

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.4 DEG AZ=154
E SG 18 30 06 41.8N; 19.2E 10KM H=18 24 35.2 (Q)

1979 APR 15
E 19 12.38
E SG 13 44

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.1(5) D= 10.1 DEG AZ=153
E 20 52.23 42.1N; 19.2E 10KM H=20 49 46.4 (Q)
E SN 53 59 42.0N; 19.2E 10KM 20 49 48.3 (B)
E 54 42 41.9N; 19.0E 33KM 20 49 46.8 (M)
E L 55 39

1979 APR 15 MINDANAO, PHILIPPINE ISLANDS MB=5.9(97) D= 98.2 DEG AZ= 70
I P AB 22 27 31.9C 2.2 / 490 5.7N;123.6E (549KM)H=22 14 52.5 (Q)
E 27 54 5.8N;123.6E 600KM 22 14 56.4 (M)
I AP 29 49.9 DISTANCE 98 DEG DEPTH 600 KM
E XP 30 53 (MULTIPLE SHOCK,
E PP AB 31 41 MB IS AN INADEQUATE VALUE)
E PPP B 34.6
I SKS 37 17.9
I S AB 38 13
E 38 41
E(XS) B 41 52
E 43 20
E SS B 45 15
E SSS B 49.2
LMH B 23 10 T 19 AN 2 AE 2
LMV B 17 T 16 AV 2

1979 APR 16 NORTHERN ITALY FRIULI NO MB COMP. D= 4.9 DEG AZ=179
E PN 00 05 10 46.4N; 13.1E 6KM H=00 05 55.4 (B)
E SG 06 33 46.4N; 13.1E 10KM 00 05 54.6 (Q)
DISTANCE 570 DEG

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8(1) D= 10.3 DEG AZ=153
E 01 40 18 41.9N; 19.2E 10KM H=01 36 28.0 (Q)
E 41 28 41.8N; 19.2E 10KM 01 36 30.1 (B)
E L 42 16 42.1N; 19.3E 1KM 01 36 29.1 (M)

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10.4 DEG AZ=153
E 04 29 57 41.9N; 19.3E 10KM H=04 24 39.5 (Q)
E 30 12 41.8N; 19.3E 10KM 04 24 41.5 (B)

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.9(11)
E SN 04 42 54
E 43 26
E SQ 44 08
D= 10.4 DEG AZ=153
41.9N 19.3E 10KM H=04 38 31.9 (U)
41.8N 19.3E 10KM 04 38 33.9 (B)
42.8N 19.7E 33KM 04 38 49.8 (M)

1979 APR 16 AFGHANISTAN-USSR BORDER REGION MB=4.4(171)
E P 05 04 09
D= 41.5 DEG AZ= 84
38.8N 70.8E 20KM H=04 56 18.3 (U)
38.9N 70.8E 3KM 04 56 17.0 (M)

1979 APR 16 NORTH OF SVALBARD MB=3.8(3)
E P 07 45 32
D= 31.8 DEG AZ=356
82.2N 1.9W 10KM H=07 39 09.4 (U)

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.8(7)
E PN 07 58 34
E AB 08 01 24
E L AB 01 57
LM B 02.6 T 10 AN 1.5 AE 1 AV 0.5 MLH =4.2
D= 10.5 DEG AZ=153
41.8N 19.4E 10KM H=07 56 01.0 (U)
41.8N 19.4E 10KM 07 56 03.1 (B)
41.8N 19.1E 33KM 07 56 03.4 (M)
DISTANCE 10 DEG

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.3(3)
E SN 09 48 07
E 48 48
E SQ 49 33
D= 10.5 DEG AZ=153
41.8N 19.4E 10KM H=09 48 42.9 (U)
41.8N 19.4E 10KM 09 48 44.7 (B)
41.7N 19.3E 33KM 09 48 44.2 (M)

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=5.2(51)
I(PN) 10 07 09.0 1.1 / 36
I 07 15.0
E 09 34
E AB 10 01
E SQ AB 10 25
E 10 36
LM B 11.3 T 10 AN 5.5 AE 4.5 AV 3 MLH =4.7
D= 10.2 DEG AZ=153
42.0N 19.2E 10KM H=10 04 38.1 (U)
41.9N 19.2E 11KM 10 04 40.7 (B)
42.1N 19.4E 33KM 10 04 41.8 (M)
DISTANCE 10 DEG

1979 APR 16 FRANCE NO MB COMP.
E PG 12 29 59
E SG 31 46
D= 8.4 DEG AZ=221
44.7N 5.2E 10KM H=12 27 11.2 (B)
44.7N 5.2E 10KM 12 27 10.1 (U)

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.9(2)
E 14 34 52
E 35 46
E SQ 36 26
E L 36 36
D= 10.1 DEG AZ=154
42.1N 18.9E 10KM H=14 30 51.9 (U)
42.0N 19.0E 10KM 14 30 53.8 (R)

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.4(4)
E 15 56 19
D= 10.4 DEG AZ=153
41.9N 19.3E 10KM H=15 51 07.7 (U)
41.8N 19.4E 10KM 15 51 09.7 (B)
41.8N 19.2E 33KM 15 51 08.9 (M)

1979 APR 16 TRACES; ANDREANOF ISLANDS, ALEUTIAN IS. MB=4.6(43)
E P 21 08 11
D= 77.0 DEG AZ= 8
51.5N 179.2W 50KM H=20 56 22.4 (U)
50.8N 179.2W 3KM 20 56 12.9 (M)

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.5(11)
E PN 23 02 59
E SN 04 38
E 05 26
E L 06 12
D= 10.3 DEG AZ=152
42.0N 19.4E 10KM H=23 00 26.6 (U)
41.9N 19.4E 10KM 23 00 29.2 (B)
41.7N 19.2E 33KM 23 00 26.3 (M)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.3(2)
E 01 37 25
E L 38 16
D= 10.2 DEG AZ=153
42.0N 19.2E 10KM H=01 32 26.1 (U)
42.0N 19.3E 10KM 01 32 28.5 (B)
41.8N 19.1E 33KM 01 32 26.8 (M)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E L 01 44 39
D= 10.3 DEG AZ=154
41.9N 19.1E 10KM H=01 38 51.3 (U)
41.7N 19.0E 10KM 01 38 51.8 (B)

1979 APR 17
I P 02 30 12.2

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.2(1)
E PN 03 56 07
E(SN) 57 42
E SQ 59 12
D= 10.4 DEG AZ=153
41.9N 19.4E 10KM H=03 55 32.6 (U)
41.8N 19.4E 10KM 03 55 34.7 (B)
41.7N 19.4E 33KM 03 55 34.5 (M)

1979 APR 17 TRACES; BANDA SEA MB=5.5(35)
E PKP 04 40 18
D=112.0 DEG AZ= 73
7.0S 129.7E 125KM H=04 21 56.2 (U)
6.4S 129.7E 202KM 04 22 07.5 (M)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.9(21)
INTERRUPTED BY PAPER CHANGE
E PN 05 42 18 1.0 / 32
I 42 22.8
I 42 31.6
I 42 54.9
E(SN) 43 50
I 44 16
I 44 34
E SQ AB 45 21
LM B 46.2 T 14 AN 8 AV 3.5 (MLH =4.3)
D= 9.6 DEG AZ=154
42.5N 18.6E 10KM H=05 39 57.7 (U)
42.5N 18.6E 10KM 05 40 00.3 (B)
42.7N 18.7E 33KM 05 40 01.6 (M)
DISTANCE 10 DEG

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E SQ 06 54 49
D= 10.4 DEG AZ=154
41.8N 19.1E 10KM H=06 48 59.7 (U)

1979 APR 17
E 12 29 34

1979 APR 17 SOUTH OF TONGA ISLANDS MB=5.0(4)
I PKPi 13 29 20.5C
D=158.1 DEG AZ= 17
26.1S 175.1W 33KM H=18 09 21.8 (U)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E 13 48 27
E 50 02
E SQ 50 44
D= 10.5 DEG AZ=154
42.1N 19.0E 10KM H=13 49 57.3 (U)
42.0N 19.1E 10KM 13 49 58.6 (B)

1979 APR 17 TRACES
E 17 07 47

1979 APR 17 TAJIK-SINKIANG BORDER REGION MB=5.1(61)
I P 17 09 51.9C 0.9 / 19
I 10 28.7
E 10 43
E 12 08
D= 45.9 DEG AZ= 83
38.6N 73.8E 99KM H=17 01 56.9 (U)
38.8N 73.3E 81KM 17 01 57.8 (M)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E L 17 22 12
D= 10.5 DEG AZ=154
42.1N 19.0E 10KM H=17 16 31.5 (U)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.2(2)
E(PN) 18 08 49
E 11 06
E L 11 54
D= 10.2 DEG AZ=154
42.1N 19.0E 10KM H=18 06 16.8 (U)
42.0N 19.0E 10KM 18 06 18.6 (B)
41.9N 18.8E 33KM 18 06 17.3 (M)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.1(1)
E 18 34 51
E 36 12
E L 37 10
D= 10.2 DEG AZ=153
42.0N 19.2E 10KM H=18 31 23.0 (U)
42.0N 19.3E 10KM 18 31 25.1 (B)
42.3N 19.4E 33KM 18 31 28.7 (M)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E SQ 18 41 27
D= 10.5 DEG AZ=153
42.1N 19.1E 10KM H=18 35 53.4 (U)

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E 19 27 45
E SQ 28 38
D= 10.3 DEG AZ=155
41.9N 19.2E 10KM H=19 22 56.9 (U)
41.8N 19.1E 10KM 19 22 57.7 (B)

1979 APR 17 BISMARCK SEA (U)
LM B 21 56 T 22 AN 1.5 AE 1 AV 2

1979 APR 17
E 23 31 59

1979 APR 18 NORTHERN YUGOSLAVIA NO MB COMP.
I(PG) 00 50 31.1
E 51 30
I SG 51 50.5
D= 5.9 DEG AZ=172
45.5N 14.2E 10KM H=00 48 47.6 (U)
45.5N 14.2E 10KM 00 48 49.0 (B)

1979 APR 18 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.6(2)
E 02 49 11
E 50 22
E(SQ) 50 56
D= 10.2 DEG AZ=154
42.0N 19.0E 10KM H=02 49 12.6 (U)
41.9N 19.1E 10KM 02 49 14.0 (B)

1979 APR 18 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.4(9)
E PN 03 52 38
E 54 03
I 55 07.5
E SQ 55 36
E L 55 56
D= 10.3 DEG AZ=155
42.0N 19.1E 19KM H=03 50 06.0 (U)
41.9N 19.2E 10KM 03 50 07.0 (B)
42.0N 19.3E 20KM 03 50 06.9 (M)

1979 APR 18 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4.9(55)
I P 05 31 55.1C 1.1 / 20
E AP 32 07
D= 77.2 DEG AZ= 4
51.7N 173.9W 49KM H=05 20 04.4 (U)
51.6N 174.2W 57KM 05 20 05.7 (M)

1979 APR 18 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.5(2)
E 07 44 38
D= 10.3 DEG AZ=154
41.9N 18.1E 10KM H=07 38 22.3 (U)
41.9N 19.3E 10KM 07 39 24.8 (B)

1979 APR 18 CRETE MB=4.3(5)
E 12 19 07
D= 17.2 DEG AZ=151
35.8N 23.3E 33KM H=12 14 55.2 (U)

1979 APR 18 FOX ISLANDS, ALEUTIAN ISLANDS MB=5.1(57)
I P 13 33 00.4C 1.5 / 25
I AP 33 13.2
E 33 23
D= 77.8 DEG AZ= 2
51.2N 170.8W 33KM H=13 21 04.7 (U)
51.5N 171.5W 60KM 13 21 11.0 (M)

1979 APR 18 IRAN-IRAC BORDER REGION MB=5.1(56)
E P 14 48 55
D= 30.1 DEG AZ=113
33.4N 46.4E 33KM H=14 42 46.8 (U)
33.5N 46.4E 80KM 14 42 54.1 (B)
33.1N 46.3E 3KM 14 42 40.3 (M)

1979 APR 18 NORTHERN ITALY FRIULI MB=4.9(19)
I PN 15 20 35.8
I PG AB 20 55.1
I 21 18
I SN AB 21 30.0
E 21 34
I SG AB 21 58.7
LM B 22.4
D= 5.0 DEG AZ=178
46.3N 13.3E 6KM H=15 19 20.5 (B)
46.3N 13.2E 11KM 15 19 19.0 (U)
46.4N 13.3E 3KM 15 19 18.4 (M)
DISTANCE 5.0 DEG

1979 APR 18
E 18 12 29
E 12 38
E 15 46

1979 APR 18 CHILE-ARGENTINA BORDER REGION MB=5.4(64)
E P 18 12 47
E 16 48
D=102.7 DEG AZ=247
24.3S 67.0W 147KM H=18 30 04.9 (U)
24.3S 66.8W 33KM 18 30 01.4 (M)

1979 APR 18 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.8(23)
E PN 19 53 43 1.6 / 32
E 55 11
E 56 03
I L AB 56 55.1 T 6 AN 2 AE 4.5 MLH =4.2
LMH B 57.8 T 11 AN 1.5 AE 1.5
D= 10.1 DEG AZ=154
42.1N; 19.0E 10KM H=19 51 13.4 (U)
42.1N; 19.0E 2KM 19 51 14.8 (B)
41.9N; 18.8E 33KM 19 51 13.9 (M)
DISTANCE 10 DEG

1979 APR 18 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.0(3)
E 20 13 47
E L 14 33
E LM 15 38
D= 9.9 DEG AZ=153
42.3N; 19.1E 10KM H=20 08 55.6 (U)

1979 APR 18 NORTH ATLANTIC RIDGE MB=5.1(76)
I P 22 15 19.9C 1.5 / 42
LM B 32
D= 43.5 DEG AZ=266
32.4N; 41.2W 10KM H=22 07 14.7 (U)
32.5N; 41.2W 10KM 22 07 17.4 (B)
33.0N; 40.9W 3KM 22 07 17.4 (M)

1979 APR 18
E 23 24 59

1979 APR 19 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.8(13)
E PN 00 20 05
E 21 35
E 22 27
E L AB 23 23
D= 10.2 DEG AZ=153
42.0N; 19.1E 10KM H=00 17 35.2 (U)
41.9N; 19.1E 4KM 00 17 37.1 (B)
41.8N; 18.9E 33KM 00 17 36.0 (M)

1979 APR 19 NORTHERN ITALY NO MB COMP.
E SG 04 43 09
E 43 21
D= 5.8 DEG AZ=199
45.8N; 10.3E 10KM H=04 40 05.8 (U)
45.7N; 10.6E 10KM 04 40 04.9 (B)

1979 APR 19 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.5(13)
INTERRUPTED BY PAPER CHANGE
E PN 05 45 20
E 47 41
E SG AB 48 30 T 7 AN 2 AE 4.5
LMV B 49.5 T 12 AV 1.5
D= 10.2 DEG AZ=154
42.0N; 19.0E 9KM H=05 42 50.1 (U)
42.0N; 19.0E 10KM 05 42 52.6 (B)
41.7N; 18.7E 3KM 05 42 45.5 (M)

1979 APR 19 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.0(3)
E PN 07 09 35
E 11 49
E SG 12 47
D= 10.1 DEG AZ=154
42.1N; 18.9E 10KM H=07 07 06.0 (U)
42.0N; 19.0E 10KM 07 07 07.9 (B)

1979 APR 19 SOUTHERN SUMATERA MB=5.4(31)
E P 07 33 38
D= 87.9 DEG AZ= 95
1.2S; 98.1E 36KM H=07 28 48.6 (U)
1.2S; 98.3E 35KM 07 28 48.6 (M)

1979 APR 19 TRACES; NORTH PACIFIC OCEAN /4.5(4)/
E P 10 26 43
D= 79.7 DEG AZ= 30
42.6N;151.3E 33KM H=10 14 39.0 (I)

1979 APR 19
E 11 20 31 C

1979 APR 19
I P 12 47 25.7C

1979 APR 19 EXPLOSION
I PG 13 34 30.8
I SG AB 34 32.8
I 35 37.2

1979 APR 19 FIJI ISLANDS REGION /4.6(4)/
I PKP1 16 18 16.1C
D=148.5 DEG AZ= 21
21.1S;178.7W 621KM H=15 59 36.4 (I)

1979 APR 19
E 16 58 20

1979 APR 19
E 19 45 07

1979 APR 19 WESTERN POLAND
E PN 22 31 41
E SG 32 08

1979 APR 19 / SOUTHERN SUMATERA
APR 20 MB=5.6(57)
E P AB 23 00 00 2.5 / 120
E S B 10 41
LM B 00 01 T 15 AN 1.5 AE 1.5 AV 1
D= 87.9 DEG AZ= 94
1.2S; 98.2E 33KM H=22 47 12.1 (U)
1.1S; 98.1E 21KM 22 47 10.4 (M)

1979 APR 19 KERMADEC ISLANDS REGION MB=5.2(4)
I PKP2 23 32 13.7C
D=155.3 DEG AZ= 19
27.5S;176.0W 74KM H=23 12 02.4 (U)

1979 APR 20 TRACES; YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E 02 35 08
D= 10.8 DEG AZ=155
41.8N; 18.9E 10KM H=02 28 52.6 (U)

1979 APR 20 FIJI ISLANDS REGION MB=5.0(21)
I PKP1 08 46 29.1C
D=145.5 DEG AZ= 20
18.0S;178.5W 569KM H=08 27 53.5 (U)

1979 APR 20 FIJI ISLANDS REGION MB=5.2(5)
I PKP1 08 50 26.0
D=148.9 DEG AZ= 19
18.3S;178.2W 571KM H=08 31 50.4 (U)

1979 APR 20 CARLSBERG RIDGE MB=4.9(11)
E P 09 55 01
D= 70.8 DEG AZ=120
2.2S; 68.1E 10KM H=09 45 43.5 (U)
2.2S; 67.6E 33KM 09 45 45.0 (M)

1979 APR 20 PHILIPPINE ISLANDS REGION MB=4.6(8)
E AP 10 40 11
D= 85.3 DEG AZ= 65
20.2N;121.4E 26KM H=10 27 24.6 (U)

1979 APR 20 FIJI ISLANDS REGION MB=5.2(5)
I PKP1 11 01 04.1C
D=147.6 DEG AZ= 19
20.0S;177.7W 579KM H=10 42 23.2 (U)

1979 APR 20 KURILE ISLANDS MB=4.4(5)
E P 11 33 47
D= 77.0 DEG AZ= 30
44.8N;149.2E 58KM H=11 21 57.7 (U)

1979 APR 20 CARLSBERG RIDGE MB=5.3(39)
I P 12 12 32.1C 1.6 / 48
D= 70.6 DEG AZ=120
2.1S; 68.0E 10KM H=12 01 14.6 (U)
2.1S; 68.0E 37KM 12 01 18.1 (M)

1979 APR 20 SOUTHEASTERN ALASKA MB=5.3(57)
I P 12 59 58.8D 1.9 / 70
E AP 13 00 05
LM B 31
D= 66.8 DEG AZ=346
60.3N;140.9W 15KM H=12 49 06.9 (U)
60.5N;141.2W 39KM 12 49 11.3 (M)

1979 APR 20
E 14 25 11
E 26 13

1979 APR 20 YUGOSLAVIA-ALBANIA COAST REG. ** MB=5.0(2)
E 19 38 33
D= 10.6 DEG AZ=151
41.8N; 19.8E 10KM H=19 35 00.9 (U)

1979 APR 20 TRACES; SOUTHEASTERN ALASKA MB=4.4(5)
E P 22 09 30
D= 66.7 DEG AZ=346
60.3N;140.7W 15KM H=21 58 37.9 (U)

1979 APR 20
I 22 45 31.9D 8.7 / 11

1979 APR 20 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E SG 23 47 29
D= 10.5 DEG AZ=153
41.9N; 19.2E 10KM H=23 41 45.4 (U)
41.8N; 19.2E 10KM 23 41 47.4 (B)

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. **
E SG 01 41 49
D= 10.2 DEG AZ=153
42.0N; 19.2E 10KM H=01 36 15.1 (B)

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.1(7)
E(PN) 02 40 39
E(SN) 42 23
E 42 54
E SG 43 35
E L AB 43 55
LM B 44.5
D= 10.1 DEG AZ=153
42.1N; 19.1E 10KM H=02 38 05.0 (U)
42.0N; 19.1E 10KM 02 38 07.0 (B)
42.1N; 19.1E 33KM 02 38 09.2 (M)
DISTANCE 10 DEG

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E 04 09 32
E SG 10 46
D= 10.5 DEG AZ=153
41.8N; 19.4E 10KM H=04 04 54.4 (U)
41.8N; 19.5E 10KM 04 04 55.8 (B)

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.4(8)
E PN 04 35 37
E 38 08
E SG AB 38 41
D= 10.4 DEG AZ=154
41.8N; 19.1E 10KM H=04 33 01.7 (U)
41.8N; 19.2E 10KM 04 33 04.2 (B)
42.0N; 19.1E 33KM 04 33 05.9 (M)

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.2(5)
E 04 57 22
E 59 31
E L 05 00 26
D= 10.3 DEG AZ=154
41.9N; 19.1E 10KM H=04 54 37.5 (U)
41.8N; 19.2E 10KM 04 54 39.3 (B)
41.9N; 19.0E 3KM 04 54 36.0 (M)

1979 APR 21
I PG 10 36 46.6
I SG 37 15.0

1979 APR 21 NEAR EAST COAST OF KAMCHATKA MB=4.6(5)
E P 10 59 07
D= 71.1 DEG AZ= 18
55.0N;162.5E 34KM H=10 47 50.4 (U)

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.4(1)
E PN 11 04 09
E 06 30
I SG 07 16.0
E L AB 07 28
D= 10.3 DEG AZ=153
41.9N; 19.2E 10KM H=11 01 39.3 (U)
41.9N; 19.3E 10KM 11 01 41.3 (B)
41.5N; 19.1E 33KM 11 01 38.0 (M)

1979 APR 21
E 11 45 49

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E 16 04 39
E SG 05 35
D= 10.5 DEG AZ=153
41.9N; 19.2E 10KM H=15 59 50.3 (U)
41.9N; 19.2E 10KM 15 59 51.4 (B)

1979 APR 21 TONGA ISLANDS REGION NO MB COMP.
E(PKP) 19 35 12
D=147.3 DEG AZ= 10
18.9S;172.8W (68KM H=19 15 27)(I)

1979 APR 21 NORTHERN YUGOSLAVIA NO MB COMP.
E SG 20 45 09
D= 7.5 DEG AZ=136
45.7N; 20.5E 10KM H=20 40 57.8 (U)

1979 APR 21
E 21 29 48

1979 APR 21 OFF EAST COAST OF HONSHU, JAPAN MB=4.7(11)
I P 23 03 55.5C
D= 79.3 DEG AZ= 35
40.6N;145.0E 33KM H=22 51 51.3 (U)
41.2N;145.2E 33KM 22 51 54.7 (M)

1979 APR 22 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E 01 30 10
E SG 30 47
D= 10.3 DEG AZ=154
41.9N; 19.0E 10KM H=01 25 03.2 (U)
42.0N; 19.3E 10KM 01 25 07.4 (B)

1979 APR 22 OFF EAST COAST OF HONSHU, JAPAN MB=4.9(29)
E P 02 51 52 1.0 / 14
D= 79.0 DEG AZ= 36
40.5N;143.7E 31KM H=02 39 51.4 (U)
41.0N;143.7E 33KM 02 39 54.3 (M)

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1979 APR 22
E          03 39 45                                        NO MB COMP;      D= 10.3 DEG  AZ=153
                                                                            42;0N; 19.3E    10KM H=04 48 56.9 (U)
1979 APR 22   YUGOSLAVIA-ALBANIA COAST REG. **                              41;9N; 19.3E    10KM    04 48 58.2 (B)
E          04 49 36
E             49 50
E SG          50 39

INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 05H 47M TO 06H 56M

1979 APR 22   YUGOSLAVIA-ALBANIA COAST REG. **                MB=4.5(10)       D= 10.2 DEG  AZ=153
I PN       06 34 45  C 1.3 /   16                                            42;0N; 19.2E    10KM H=06 38 13.4 (U)
E SN          36 33                                                         41;9N; 19.2E    10KM    06 38 15.2 (B)
E             37 09                                                         41;9N; 19.1E    33KM    06 38 15.7 (M)
E SG     AB   37 59

1979 APR 22   YUGOSLAVIA-ALBANIA COAST REG. **                MB=3.9( 2)       D= 10.3 DEG  AZ=153
I PG       07 35 26.1C 1.2 /   18                                            41;9N; 19.2E    10KM H=08 38 07.3 (U)
E             37 09                                                         41;9N; 19.3E    10KM    07 38 09.2 (B)
E(SG)         37 34                                                         42;0N; 19.0E     3KM    07 38 06.2 (M)
E L           38 05

1979 APR 22   NORTH ATLANTIC RIDGE                           MB=5.7(87)       D= 42.8 DEG  AZ=268
E P        AB 09 58 07    2.4 / 270                                          33;0N; 39.7W    10KM H=09 50 13.3 (U)
I             58 14.0                                                       33;1N; 39.7W    40KM    09 58 20.0 (B)
E PP       B  59 43                                                         33;2N; 39.7W     3KM    09 58 13.1 (M)
I S        B 10 04 32     T 13   AN   2.3 AE   4.5          MSH  =6.1       DISTANCE  42 DEG
  L        B    10
  LM       B    12        T 20   AN   4.5 AE  11   AV  12   MLH  =5.8 MLV  =5.9
  FINAL       11 30

1979 APR 22   TRACES; NORTH ATLANTIC RIDGE                                 /4.4( 2)/ D= 41.9 DEG  AZ=266
E P        10 09 17                                                         33;5N; 39.9W    33KM H=10 08 29   (T)

1979 APR 22   KURILE ISLANDS                                 MB=4.8(16)       D= 77.9 DEG  AZ= 32
E P        10 33 35    1.1 /   17                                            43;3N;147.6E    33KM H=10 21 40.1 (U)
                                                                            44;2N;147.8E    88KM    10 21 51.4 (M)

1979 APR 22
E P        11 05 55

1979 APR 22   NORTH ATLANTIC RIDGE                           MB=5.2(12)       D= 42.2 DEG  AZ=265
E P        11 28 44                                                         33;0N; 39.8W    10KM H=11 20 49.9 (U)
                                                                            33;1N; 39.7W    10KM    11 20 52.8 (B)
                                                                            33;1N; 40.2W     3KM    11 20 47.5 (M)

1979 APR 22   FIJI ISLANDS REGION                            MB=4.4( 3)       D=147.9 DEG  AZ= 20
I PKP1     14 31 51.1C 0.9 /   14                                            20;3S;177.9W (406KM H=14 12 49.9)(U)
E APKP        32 29                                                                                DEPTH 640 KM

1979 APR 22   MINAHASSA PENINSULA                            MB=5.9(62)       D=102.3 DEG  AZ= 74
E P        18 30 20                                                          0;1N;123.0E    79KM H=18 16 30.6 (U)
E AP          30 44                                                         0;6N;122.9E    50KM    18 16 29.4 (M)
E             33 19
E PP          34 40
E             35 30
E PKKP1       46 23
E PCPPKP      50 34
  LM       B 19 19

1979 APR 22   OFF E. COAST OF N. ISLAND, N.Z.                MB=5.1( 5)       D=163.8 DEG  AZ= 48
E PKP2     20 05 23                                                          39.3S;177.4E    32KM H=19 48 23.3 (U)
                                                                            39.5S;178.5E    35KM    19 48 29.2 (M)

1979 APR 23   TRACES; YUGOSLAVIA-ALBANIA COAST REG. **
E SG       00 21 46                                                         D= 10.5 DEG  AZ=153
                                                                            41;8N; 19.4E    10KM H=00 16 04.3 (B)
1979 APR 23   SOLOMON ISLANDS
E PKP      01 13 54    0.9 /   15                MB=5.4(42)                 D=124.8 DEG  AZ= 49
                                                                            5;4S;154.1E    110KM H=00 59 08.1 (U)
1979 APR 23                                                                 5.4S;154.3E     1KM    00 59 53.5 (M)
E          03 21 17

INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 03H 56M TO 11H 21M

1979 APR 23   NORTHWEST OF AUSTRALIA                         MB=5.9(42)       D=113.4 DEG  AZ= 87
E APKP     06 03 58                                                         16.5S;120.2E    33KM H=05 45 10.1 (U)
E PP    AB    04 47                                                         16.6S;120.2E    33KM    05 45 10.1 (M)
E PKKP        14 40
  LMH    B    48

1979 APR 23   KERMADEC ISLANDS                               MB=5.2(14)       D=157.3 DEG  AZ= 25
E PKP1     10 17 25                                                         30.0S;177.7W   103KM H=09 57 29.6 (U)
I PKP2        17 45.6C 1.2 /   41                                           29.7S;179.3W    33KM    09 57 23.6 (M)

1979 APR 23   KERMADEC ISLANDS                               MB=4.6( 1)       D=157.2 DEG  AZ= 24
E PKP2     10 30 15                                                         29;8S;177.4W   150KM H=10 18 03.3 (U)

1979 APR 23   NORTHERN SINKIANG PROV., CHINA                 MB=4.9(29)       D= 49.1 DEG  AZ= 70
I P        11 39 02.9C                                                      42.5N; 86.7E    44KM H=11 30 17.2 (U)
                                                                            42.4N; 86.8E    33KM    11 30 16.5 (M)

1979 APR 23   DEAD SEA REGION                                MB=5.1(35)       D= 26.5 DEG  AZ=132
I P        13 07 30.2C 1.3 /   62                                           31.2N; 35.5E    33KM H=13 01 58.6 (U)
I             09 25.3                                                       31.2N; 35.8E    10KM    13 01 57.4 (B)
E(S)     B    12.4                                                         30.9N; 35.3E     3KM    13 01 51.3 (M)
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1979 APR 23   IRAN                                           MB=4.6(13)       D= 39.7 DEG  AZ= 99
E P        17 31 35                                                         33;9N; 59.8E    16KM H=17 28 17.5 (U)
                                                                            34;1N; 59.3E    10KM    17 28 20.5 (B)
                                                                            34;1N; 59.7E     1KM    17 28 16.4 (M)

1979 APR 23
E          17 38 33

1979 APR 23 / MACQUARIE ISLAND REGION                        MB=5.6(30)       D=159.7 DEG  AZ=108
      APR 24                                                                53;0S;159.8E    10KM H=21 58 35.3 (U)
E PKIKP    AB 22 14 33    2.2 /   51                                         53;4S;160.7E    33KM    21 58 39.4 (M)
E             15 36                                                         DISTANCE 161 DEG
E PP          18 54
E          AB 19 54
E             20 37
E(SKS)        21 24
E PPS      B  32.4
E SS       B  39.1
E SSS      B  45.4
  LMH      B 23 31        T 20   AN   2.5 AE   1.5          MLH  =6.0
  LMV      B    35        T 20                AV   4.5      MLV  =6.3
  L        B    45        T 17   AN   1.5 AE   1   AV   2
  FINAL       00 30

1979 APR 24   YUGOSLAVIA-ALBANIA COAST REG. **                MB=3.7( 2)       D= 10.5 DEG  AZ=153
E             00 28 09                                                      41;8N; 19.4E    10KM H=00 23 04.2 (U)
E             28 35                                                         41;8N; 19.4E    10KM    00 23 06.0 (B)
E SG          29 01

1979 APR 24   FIJI ISLANDS REGION                            MB=6.0(74)       D=148.2 DEG  AZ= 21
I PKIKP    AB 02 03 45.0C 2.0 /  480                                         20;8S;178.7W   599KM H=01 45 09.0 (U)
                            T  4.0          AV   1.4                        20;7S;178.8W   550KM    01 45 05.4 (M)
I PKP1     AB    03 49.7C(0.9 / 1200)                                       DISTANCE 148 DEG     DEPTH 590 KM
                            T  4.8          AV   4.6
I PKP2     AB    03 55.0C(1.0 /  800)        MC   =6.2
                            T  2.5          AV   1.8
I             04 25.1
I APKP     AB 06 07.0
I             06 35.0
E XPKP     B  07 05
E PP          07 20
E XPP      B  10 29
E             10 46
E(SKKS)       13 05
I SKKP        14 11.3C
E          AB 17 25
E PPS      B  20.7

1979 APR 24
E          02 54 10

1979 APR 24   WESTERN POLAND
I PG       07 10 02.0
I SG          10 27.0
E             10 52

1979 APR 24   HOKKAIDO, JAPAN, REGION                        MB=5.3(71)       D= 77.4 DEG  AZ= 37
I P        08 17 49.8C 1.1 /   40                                            41;6N;142.1E    73KM H=08 06 01.1 (U)
E AP          18 05                                                         41.9N;142.1E    62KM    08 06 01.2 (M)
  LM       B    54

1979 APR 24   FIJI ISLANDS REGION                            MB=4.4( 5)       D=147.6 DEG  AZ= 20
I PKP1     14 12 03.8C                                                      20.0S;178.1W   564KM H=13 58 20.9 (U)

1979 APR 24   YUGOSLAVIA-ALBANIA COAST REG. **                MB=3.3( 1)       D= 10.4 DEG  AZ=154
E             16 50 08                                                      41,8N; 19.1E    10KM H=16 44 59.9 (U)
E L           50 52                                                         41.8N; 19.2E    10KM    16 45 01.4 (B)
                                                                            41.7N; 19.0E    30KM    16 45 00.6 (M)

1979 APR 24   TRACES; TAJIK-SINKIANG BORDER REGION            MB=4.8( 6)       D= 43.8 DEG  AZ= 83
E P        17 59 06                                                         38.2N; 73.6E   150KM H=17 51 13.9 (U)
                                                                            38.5N; 73.6E   167KM    17 51 17.4 (M)

1979 APR 24   TRACES
E          19 12 51                                                         D=  4.2 DEG  AZ=149
                                                                            47;7N; 16.2E            H=19 19 35   (A)
1979 APR 24   SOUTHEASTERN AUSTRIA
E SG       19 17 47

1979 APR 24
E          21 04 39

1979 APR 24   PAPUA NEW GUINEA                               MB=5.6(35)       D=116.2 DEG  AZ= 60
E PKP      21 32 11                                                         3.6S;141.8E    52KM H=21 13 32.0 (U)
  LM       B 22 26                                                          3.2S;141.7E    44KM    21 13 33.2 (M)

1979 APR 24   YUGOSLAVIA-ALBANIA COAST REG. **                MB=3.5( 2)       D= 10.3 DEG  AZ=153
E             22 31 39                                                      42.0N; 19.3E    10KM H=22 26 26.0 (U)
E SG          32 02                                                         41,9N; 19.3E    10KM    22 26 26.5 (B)

1979 APR 25   SICHUAN PROVINCE, CHINA                        MB=4.7( 4)       D= 69.0 DEG  AZ= 73
E P        02 34 55                                                         27.2N;102.5E    33KM H=02 23 50.3 (U)

1979 APR 25   FRO. SOUTHEASTERN REGION                                      D=  2.4 DEG  AZ=196
E PG       03 51 08                                                         49.0N; 12.0E    10KM H=03 50 22.8 (B)
I SG          51 40.0                                                       DISTANCE  2.4 DEG
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1979 APR 25 NEW BRITAIN REGION MB=5.0(5)
I PKP 05 06 28.9D 0.9 / 15

1979 APR 25 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.5(7)
E 06 40 39
E SN 41 12
E 41 45
E SG AB 42 24

1979 APR 25 SOUTHERN IRAN MB=4.7(26)
E P 07 39 51

1979 APR 25 WESTERN CAUCASUS MB=4.6(8)
E(P) 07 45 00

1979 APR 25 EXPLOSION OF 2.5 TONS; GERMAN DEMOCRATIC REPUBLIC
I PG 13 00 40.5
I SG 00 43.7
I L 00 46.3

1979 APR 25 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.6(1)
E 15 19 34
E SG 20 04
E L AB 20 19

1979 APR 25 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8(1)
E SN 19 16 32
E 17 26
E SG 17 57

1979 APR 25 TRACES; GREECE MB=3.8(2)
E(P) 21 17 40

1979 APR 25 KURILE ISLANDS MB=4.7(39)
I P 23 09 47.3 0.6 / 13

1979 APR 26 NEAR COAST OF CENTRAL CHILE MB=5.4(24)
E PKP 02 18 43
E APKP 18 54
E PP 19 29
LM B 03 07 T 18 AN 1 AE 2 AV 2,5

1979 APR 26
E 02 45 34

1979 APR 26 EASTERN TURKEY MB=4.7(44)
E P 09 32 47
E 32 51 1.6 / 34
LM B 42

1979 APR 26 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP;
E L 11 17 54

1979 APR 26 TUNISIA
LMH B 12 38
LV B 39

1979 APR 26 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.1(1)
E SG 18 17 57

1979 APR 26 POLAND, UPPER SILESIA
E SG 18 47 53

1979 APR 26 TRACES; NORTH ATLANTIC RIDGE MB=4.6(13)
E P 20 22 41

1979 APR 27
E 03 04 37

1979 APR 27 NORTHERN YUGOSLAVIA
E 06 24 35
E SG 24 42

1979 APR 27 FIJI ISLANDS REGION
E PKP 13 48 57 MB=4.0(1)

1979 APR 27 FIJI ISLANDS REGION
E PKP(1) 16 29 02 MB=4.2(1)
I PKP(2) 29 07.1D 1.6 / 29

1979 APR 27 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP.
E 19 15 05

1979 APR 27 EASTERN USSR MB=4.8(12)
E P 19 48 31

D=128.8 DEG AZ= 50
4.2S;152.9E 95KM H=04 47 37.4 (U)

D= 10.5 DEG AZ=153
42.0N; 19.3E 10KM H=06 35 47.1 (U)
41.9N; 19.3E 10KM 06 36 48.9 (B)
41.9N; 19.1E 34KM 06 35 48.6 (M)

D= 40.5 DEG AZ=109
27;6N; 56.8E 33KM H=07 38 14.3 (U)
26.4N; 56.8E 3KM 07 38 01.5 (M)

D= 23.9 DEG AZ=103
41,2N; 44.0E 10KM H=08 39 44.9 (U)
41,2N; 44.2E 3KM 07 39 44.6 (M)

D= 17 KM AZ=135
51,2DN;13.1BE

D= 10.5 DEG AZ=154
41,9N; 19.1E 10KM H=15 14 32.7 (U)
41,8N; 19.2E 10KM 15 14 34.5 (B)

D= 10.4 DEG AZ=154
41,8N; 19.1E 10KM H=19 12 17.4 (U)
41,8N; 19.2E 10KM 19 12 19.2 (B)
41;2N; 18.0E 33KM 19 12 07.0 (M)

D= 14.9 DEG AZ=149
38,4N; 22.3E 10KM H=21 14 07.8 (U)
38;3N; 22.1E 10KM 21 14 08.8 (B)

D= 76.4 DEG AZ= 32
44;5N;146.5E 140KM H=22 58 12.3 (U)
44,9N;146.2E 120KM 22 58 12.8 (M)

D=112.6 DEG AZ=244
33.8S; 71.9W 38KM H=02 00 09.6 (U)
34.2S; 72.3W 63KM 02 00 13.6 (M)

D= 21.3 DEG AZ=121
37;6N; 36.1E 51KM H=09 28 02.0 (U)
37;6N; 36.2E 54KM 09 28 04.0 (B)
37;8N; 36.3E 3KM 09 27 57.5 (M)

D= 10.1 DEG AZ=153
42;1N; 19.2E 10KM H=11 12 10.5 (U)
42;0N; 19.2E 10KM 11 12 11.5 (B)
(U)

D= 10.3 DEG AZ=154
41.9N; 19.1E 10KM H=18 12 26.4 (U)
42;0N; 19.2E 10KM 18 12 27.3 (B)

D= 38.2 DEG AZ=264
35;1N; 35.6W 10KM H=20 19 19.2 (U)
35;1N; 35.8W 10KM 20 19 22.0 (B)
36;6N; 34.7W 33KM 20 19 33.4 (M)

D= 8.2 DEG AZ=169
46;2N; 14.4E 10KM H=06 21 59.0 (U)

D=146.1 DEG AZ= 16
18;1S;176.2W 33KM H=15 20 21.8 (U)

D=148.8 DEG AZ= 17
17;9S;176.7W 133KM H=16 09 35.9 (U)

D= 10.8 DEG AZ=153
41;9N; 19.2E 10KM H=19 09 55.5 (U)
41;8N; 19.2E 10KM 19 09 57.3 (B)

D= 60.8 DEG AZ= 34
56;7N;129.8E 33KM H=19 38 22.6 (U)
56.8N;129.7E 3KM 19 38 19.3 (M)

1979 APR 28 TONGA ISLANDS MB=5.6(30)
I PKP AB 01 13 45;2C 2,2 / 270
T 7 AN D.0 AV 3,9
E 14 02
LM B 02 20
D=146;5 DEG AZ= 13
18.3S;174.6W 55KM H=00 54 09.8 (U)
17.9S;175.9W 33KM 00 54 10.8 (M)

1979 APR 28 YUGOSLAVIA-ALBANIA COAST REG, ** MB=4.0(1)
E SN 02 13 07
E SG 14 36
E L 14 48
D= 9.8 DEG AZ=154
42;3N; 18.7E 10KM H=02 09 08.4 (U)
42;2N; 18.7E 10KM 02 09 09.7 (B)

1979 APR 28
E 02 32 52

1979 APR 28 CENTRAL YUGOSLAVIA NO MB COMP.
E 02 36 01
E SG 36 21
D= 7.7 DEG AZ=154
44;3N; 17.6E 33KM H=02 38 06 (I)

1979 APR 28 TONGA ISLANDS MB=5.3(47)
E PKIKP 03 22 37
I PKP1 22 40;0D 1,0 / 90
E PKP2 22 44 1,2 / 41
E APKP 23 42
D=147.3 DEG AZ= 15
19;3S;175.7W 243KM H=03 03 23.6 (U)
19;1S;175.7W 128KM 03 03 11.0 (M)
DISTANCE 147 DEG DEPTH 250 KM

1979 APR 28 YUGOSLAVIA-ALBANIA COAST REG, ** NO MB COMP.
E PN 03 40 32
E 40 54
E 42 53
E B 43 11
E SG AB 43 32
E 43 46
D= 9.8 DEG AZ=154
42;3N; 18.8E 10KM H=03 38 03.2 (U)
42;2N; 18.8E 10KM 03 38 05.3 (B)

1979 APR 28 KURILE ISLANDS MB=4.8(36)
I P 11 02 18;4C 1,1 / 46
E AP 02 33
D= 75.7 DEG AZ= 25
48;2N;155.0E 33KM H=10 50 36.1 (U)
48;5N;154.8E 10KM 10 50 38.2 (M)

1979 APR 28 NEAR COAST OF NORTHERN CHILE MB=5.5(37)
E PP AB 11 57 08
E SKS B 12 03.3
E PS B 06.4
LM B 36 T 22 AN 1 AE 3,5 AV 4 MLH =6.0 MLV =6.0
FINAL 14
D=107.4 DEG AZ=248
27;5S; 71.0W 23KM H=11 38 17.7 (U)
27;9S; 71.5W 33KM 11 38 19.2 (M)

1979 APR 28 YUGOSLAVIA-ALBANIA COAST REG, ** MB=3.5(2)
E 20 35 45
E L 36 46
D= 10.4 DEG AZ=153
41.9N; 19.4E 10KM H=20 38 53.9 (U)
41;8N; 19.4E 10KM 20 38 55.7 (B)

1979 APR 28 TAJIK-SINKIANG BORDER REGION MB=4.8(29)
E P 20 40 14
D= 43.9 DEG AZ= 83
38;3N; 73.9E 125KM H=20 32 19.1 (U)
38;4N; 74.0E 120KM 20 32 19.9 (M)

1979 APR 29 TONGA ISLANDS /5.4(1)/
E PKP 03 17 22
D=146.5 DEG AZ= 14
18;3S;174.8W 33KM H=02 57 43.3 (I)

1979 APR 29 GREENLAND SEA MB=4.5(8)
E(P) 03 35 25 1,5 / 31
E PP 35 53
D= 22.5 DEG AZ=357
73;6N; 8.4E 10KM H=03 38 21.2 (U)
73;7N; 8.8E 10KM 03 38 22.9 (B)
73;6N; 8.5E 1KM 03 38 20.9 (M)

1979 APR 29 KERMADEC ISLANDS REGION MB=4.9(5)
E PKP2 09 41 02
D=156.2 DEG AZ= 21
28.6S;176.4W 21KM H=09 28 40.0 (U)

1979 APR 29 YUGOSLAVIA-ALBANIA COAST REG, ** MB=4.1(2)
E(PN) 10 26 56
E SN 28 33
E 29 11
E 29 28
E SG AB 29 59
D= 10.2 DEG AZ=153
42.0N; 19.2E 10KM H=10 24 17.5 (U)
42;0N; 19.2E 10KM 10 24 19.6 (B)

1979 APR 29 TRACES
E 10 53 08

1979 APR 29 YUGOSLAVIA-ALBANIA COAST REG, ** MB=3.5(2)
E 13 56 38
E L 57 53
D= 10.5 DEG AZ=153
41;8N; 19.4E 10KM H=13 51 44.0 (U)
41;9N; 19.6E 10KM 13 51 46.8 (B)

1979 APR 29 FIJI ISLANDS REGION MB=5.5(38)
E(PKP) AB 14 15 36
E 15 56
E SS B 37.3
LM B 15 21 T 20 AN 2 AE 1,5 AV 3,5 MLH =5.9 MLV =6.2
D=143.0 DEG AZ= 18
15;4S;178.4W 33KM H=13 59 59.0 (U)
14;0S;177.4W 3KM 13 59 58.8 (M)

1979 APR 29 YUGOSLAVIA-ALBANIA COAST REG, ** MB=3.5(1)
E L 14 30 40
D= 10.5 DEG AZ=152
41;8N; 19.5E 10KM H=14 28 32.5 (U)
41;9N; 19.5E 10KM 14 28 34.3 (B)

1979 APR 29 SOUTH OF FIJI ISLANDS MB=5.4(45)
I PKIKP 16 18 09;0C 2,0 / 75
I PKP1 AB 18 14;9D 1,3 / 520
I PKP2 18 21 1,2 / 77
D=150.3 DEG AZ= 20
22;7S;177.4W 209KM H=15 58 46.8 (U)
22;2S;177.8W 190KM 15 58 46.0 (M)
DISTANCE (151)DEG

1979 APR 29 RYUKYU ISLANDS MB=5.5(12)
E P 22 05 29
D= 84.5 DEG AZ= 57
24;9N;126.8E 123KM H=21 53 08.5 (U)
26;1N;126.6E 33KM 21 53 05.6 (M)

1979 APR 30 OFF EAST COAST OF KAMCHATKA MB=5.9(24)
E P 00 42 37
D= 71.2 DEG AZ= 18
55;0N;163.3E 41KM H=00 35 20.1 (U)
55;0N;162.5E 07KM 00 35 25.7 (M)

1979 APR 30
I PKP 15 36 19.6C 0.8 / 19 MB=4.7(10) D= 9.8 DEG AZ=154
42.3N; 18.8E 10KM H=17 08 06.0 (U)
42.2N; 18.8E 10KM 17 08 08.0 (B)
42.2N; 18.7E 33KM 17 08 07.2 (M)

1979 APR 30 YUGOSLAVIA-ALBANIA COAST REG. **
E PN 17 02 31
E 04 49
E SG AB 05 33 MB=4.2(6) D= 21.7 DEG AZ=327
66.7N; 17.5W 10KM H=21 49 39.8 (U)
66.6N; 17.7W 10KM 21 49 41.6 (B)

1979 APR 30 ICELAND REGION
E P 21 54 31 MB=4.3(20) D= 21.7 DEG AZ=326
66.5N; 17.8W 10KM H=23 28 01.4 (U)
66.5N; 18.0W 10KM 23 28 03.1 (B)

1979 APR 30 ICELAND REGION
E P 23 32 53 1.6 / 34

1979 MAY 01 MINDANAO, PHILIPPINE ISLANDS MB=6.0(75) D= 96.5 DEG AZ= 67
I P 00 53 04.3D 1.9 / 88 9.3N; 125.6E 23KM H=00 39 30.9 (U)
E 53 18 9.7N; 125.4E 3KM 00 39 30.3 (M)
E 56 22
E PP 56 51
E B 01 04 32
LMH B 31 T 26 AN 12.5 AE 6 MLH 96.4
L B 37 T 17 AN(8.5)AE 3 AV 3
LMV B 39 T 18 AN 8.5 AE 5 AV 7 MLV 96.2

1979 MAY 01 TONGA ISLANDS REGION MB=5.0(2) D=148.1 DEG AZ= 18
E PKP1 09 30 19 1.2 / 30 19.7S; 172.8W 33KM H=00 18 34.3 (U)
E APKP 30 31

1979 MAY 01 LOYALTY ISLANDS REGION MB=6.6(56) D=14?.9 DEG AZ= 40
I PKP(1) AB 13 23 05.2C 1.3 / 260 (1.3)/ 62 0.9 / 47 21.2S; 169.8E 79KM H=15 03 37.1 (U)
I PKP(2) AB 23 10.6 1.4 / 1600 21.4S; 169.5E 116KM 15 03 43.1 (M)
I PKP(3) AB 23 18.7 1.0 / 2650 (DISTANCE 137 DEG DEPTH 180 KM
T 6 AN(5) AE 3.2 AV 22?5 INTERPRETATION QUESTIONABLY
I AB 23 25.6 MULTIPLE SHOCK,
I 23 34.7 MB IS AN INADEQUATE VALUE
I AB 24 06.9
I 24 45
E AB 25 32
I SKP AB 26 49.6
E SKS(3) B 30 19
E SKKP(3) 34 51
E PSKS(3) B 36.9
E PPS(3) B 39.4
E B 40.8
LM B 14 21 T 26 AN 18 AE 18 AV 21 MLH =6.8 MLV =6.9 (NO DEPTH CORRECTION)

1979 MAY 01 ETHIOPIA 74.3(3)/ D= 44.5 DEG AZ=140
E P 13 52 06 12.7N; 40.6E 33KM H=15 48 52.3 (I)

1979 MAY 01 LOYALTY ISLANDS REGION NO MB COMP. D=145.2 DEG AZ= 39
I PKP 14 55 48.9 21.3S; 170.2E 121KM H=14 36 24 (I)

1979 MAY 01 WESTERN AUSTRIA NO MB COMP. D= 4.2 DEG AZ=194
E SN 23 33 49 47.2N; 11.5E 16KM H=23 31 53.5 (U)
E SG 34 08 47.3N; 11.4E 2KM 23 31 55.8 (B)

1979 MAY 02 KURILE ISLANDS MB=4.9(42) D= 77.4 DEG AZ= 31
I P 05 16 45.0C 1.0 / 26 44.4N; 149.2E 33KM H=05 04 52.7 (U)
45.0N; 149.0E 58KM 05 04 58.8 (M)

1979 MAY 02 TONGA ISLANDS REGION MB=4.8(2) D=147.7 DEG AZ= 10
E PKP1 13 44 54 19.3S; 172.7W 33KM H=15 29 10.0 (U)

1979 MAY 02 KERMADEC ISLANDS MB=5.8(23) D=157.8 DEG AZ= 26
E PKIKP 18 36 07 C 2.2 / 54 30.7S; 178.2W 42KM H=18 16 14.0 (U)
E PKP1 36 18 30.7S; 178.8W 33KM 18 16 13.6 (M)
E PKP2 36 40 1.3 / 63 MC =5.4 DISTANCE 158 DEG

1979 MAY 02
E 19 35 09

1979 MAY 03 NORTH ATLANTIC OCEAN MB=5.0(69) D= 29.8 DEG AZ=295
I P 01 20 05.4 1.3 / 31 54.1N; 35.3W 12KM H=01 14 05.4 (U)
LMH B 30 T 17 AN 2.5 54.0N; 35.3W 18KM 01 14 07.3 (B)
LMV B 31 T 17 AE 2.5 AV 2.5 54.3N; 35.3W 1KM 01 14 04.2 (M)

1979 MAY 03 NORTH ATLANTIC OCEAN MB=4.3(12) D= 29.8 DEG AZ=295
E P 01 44 23 54.0N; 35.4W 10KM H=01 38 10.3 (U)

1979 MAY 03 EAST OF NORTH ISLAND, N.Z. /4.9(2)/ D=161.3 DEG AZ= 38
I 02 50 44.2 35.1S; 179.8W 12KM H=02 30 22 (I)

1979 MAY 03 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8(3) D= 10.2 DEG AZ=153
E 16 44 58 42.0N; 19.2E 10KM H=16 39 46.2 (U)
E 45 36 41.9N; 19.2E 10KM 16 39 47.8 (B)

1979 MAY 03 LOYALTY ISLANDS REGION NO MB COMP. D=145.8 DEG AZ= 40
I PKP 17 27 30.5C 1.1 / 14 21.3S; 169.9E 56KM H=17 08 00 (I)

1979 MAY 03
E 21 24 10

1979 MAY 03 SOUTH OF KERMADEC ISLANDS MB=5.4(5) D=159.1 DEG AZ= 28
I PKP2 21 38 35.3C 32.2S; 178.5W 54KM H=21 18 06.2 (U)
32.1S; 178.4E 33KM 21 18 07.8 (M)

1979 MAY 04 POLAND, UPPER SILESIA
E 01 52 55

1979 MAY 04
E 07 11 37

1979 MAY 04 EXPLOSION
I PG 13 07 11.0
I SG 07 13.6
I L 07 14.4

1979 MAY 04 CHILE-BOLIVIA BORDER REGION MB=5.6(34) D=101.3 DEG AZ=250
E PP 17 39 26 21.6S; 68.3W 01KM H=17 21 35.1 (U)
22.3S; 68.4W 03KM 17 21 31.7 (M)

1979 MAY 05 SOLOMON ISLANDS — MB=4.7(3) — D=132.7 DEG AZ= 44
I(PKP) 00 10 27.8C 0.9 / 14 — 11.3S 161.7E (33KM H=23 51 58.7) (Ù)

1979 MAY 05 NEAR S. COAST OF HONSHU, JAPAN — MB=4.8(13) — D= 81.8 DEG AZ= 42
E P 07 36 42 — 35.7N 139.1E 28KM H=07 28 26.7 (Ù)
I 36 46.0C 1.2 / 26

1979 MAY 05
I PKP 12 07 59.5C 1.2 / 45

1979 MAY 05
I P 13 23 21.1C 1.8 / 50
I 23 47.1

1979 MAY 05
E P 13 31 33
E 31 41

1979 MAY 05 TONGA ISLANDS — /4.8(3)) — D=149.8 DEG AZ= 11
I PKP 13 46 41.8C — 17.4S 173.2W 33KM H=15 27 54.5 (I)
E APKP 46 51

1979 MAY 05 SANTA CRUZ ISLANDS — MB=5.5(12) — D=134.0 DEG AZ= 39
E PKP AB 16 36 21 — 11.0S 165.6E 33KM H=16 17 04.3 (Ù)
E PP B 38 52 — 11.1S 165.6E 33KM 16 17 03.2 (M)
E(PKS) B 39.8
E PKS 40 08
E SS B 56.7
LM B 17 30 T 17 AN 2 AE 2 AV 1 — MLH =6.0 MLV =5.8

1979 MAY 05 VENEZUELA — MB=5.6(60) — D= 79.8 DEG AZ=271
I P 20 17 05.7 1.5 / 31 — 8.4N 71.0W 23KM H=20 04 57.7 (Ù)
I 17 11.0 1.9 / 70 — 8.5N 71.5W 33KM 20 04 59.9 (M)
E 17 41

1979 MAY 05 VENEZUELA — MB=5.4(40) — D= 79.8 DEG AZ=271
E P 20 20 46 2.0 / 58 — 8.3N 71.0W 25KM H=20 08 38.3 (Ù)

1979 MAY 05 SANTA CRUZ ISLANDS — MB=5.4(12) — D=135.5 DEG AZ= 39
E(PKP) 20 35 44 — 12.4S 166.2E 28KM H=20 16 19.4 (Ù)
E 35 48 1.4 / 22 — 11.6S 165.3E 3KM 20 16 21.3 (M)
E 35 54
E PP 38 28
E PKS 39 27
LM B 21 44

1979 MAY 05 NORTHERN YUGOSLAVIA — NO MB COMP. — D= 6.2 DEG AZ=171
E(PN) 21 01 45 — 45.2N 14.4E 10KM H=21 00 04.5 (Ù)
E SN 02 49 — 45.1N 14.9E 10KM 21 00 02.3 (B)
I SB 03 09.0
E SG 03 27

1979 MAY 05
E 21 07 39
E 08 11 1.1 / 14

1979 MAY 05 TRACES! HOKKAIDO, JAPAN, REGION — MB=4.8(6) — D= 77.6 DEG AZ= 34
E P 21 36 39 — 42.7N 145.3E 102KM H=21 24 52.3 (Ù)

1979 MAY 06 SOLOMON ISLANDS — MB=4.9(12) — D=126.0 DEG AZ= 48
I PKP 00 54 25 C 0.9 / 17 — 6.7S 155.9E 137KM H=00 35 37.8 (Ù)
6.7S 155.9E 33KM 00 35 26.3 (M)

1979 MAY 06 YUGOSLAVIA-ALBANIA COAST REG. ** — NO MB COMP. — D= 10.1 DEG AZ=154
E 01 06 19 — 42.1N 18.9E 10KM H=01 01 04.8 (Ù)
E SG 06 40 — 42.1N 19.0E 10KM 01 01 06.0 (B)

1979 MAY 06 SANTA CRUZ ISLANDS — MB=5.3(12) — D=135.6 DEG AZ= 39
E PKP 02 37 44 — 12.4S 166.3E 36KM H=02 18 25.4 (Ù)
E PP 40 26 — 12.4S 165.8E 33KM 02 18 26.9 (M)
I SKP 41 16.7
E PKS 41 28

1979 MAY 06
I 02 54 14.4

1979 MAY 06 UNDERGROUND EXPLOSION — MB=5.2(58) — D= 40.2 DEG AZ= 66
I P 03 24 37.1C 1.1 / 57 — 49.8N 78.1E 0KM H=03 16 57.3 (Ù)
E PN 26 09

1979 MAY 06 SANTA CRUZ ISLANDS — MB=5.4(19) — D=135.6 DEG AZ= 39
E PKP 07 26 37 — 12.5S 166.2E 33KM H=03 07 18.7 (Ù)
E 26 45 — 12.3S 166.0E 39KM 07 07 20.7 (M)
E PP 29 21
E SKP 30 10
E PKS 30 23
LM B 08 34

1979 MAY 06 TONGA ISLANDS — MB=5.3(8) — D=144.8 DEG AZ= 11
E(PKP) 09 26 46 — 16.0S 173.9W 33KM H=09 07 14.7 (Ù)

1979 MAY 06 YUGOSLAVIA-ALBANIA COAST REG. ** — NO MB COMP. — D= 10.1 DEG AZ=155
E SG 16 26 51 — 42.0N 18.8E 10KM H=16 21 16.7 (Ù)
E 27 25 — 42.1N 18.9E 10KM 16 21 17.4 (B)

1979 MAY 06 YUGOSLAVIA-ALBANIA COAST REG. ** — NO MB COMP. — D= 10.5 DEG AZ=154
E 16 38 17 — 41.7N 19.0E 10KM H=16 32 44.0 (Ù)

1979 MAY 06 NEAR EAST COAST OF KAMCHATKA — MB=4.9(15) — D= 78.1 DEG AZ= 17
E P 17 28 57 — 56.2N 163.3E 38KM H=17 17 47.3 (Ù)
56.3N 163.2E 33KM 17 17 48.0 (M)

1979 MAY 07 TRACES
E 01 07 30

1979 MAY 07 YUGOSLAVIA-ALBANIA COAST REG. ** — NO MB COMP. — D= 19.9 DEG AZ=155
E 05 49 09 — 42.2N 18.7E 10KM H=05 44 57.6 (Ù)
42.2N 18.8E 10KM 05 46 08.8 (B)

1979 MAY 07 HINDU KUSH REGION — MB=4.7(29) — D= 43.1 DEG AZ= 87
E PP 08 18 08 — 36.4N 70.7E 227KM H=08 08 39.8 (Ù)
36.4N 70.7E 223KM 08 08 39.2 (M)

1979 MAY 07 SOUTHWESTERN RYUKYU ISLANDS — MB=5.1(24) — D= 88.4 DEG AZ= 98
E AP 08 44 26 — 23.1N 125.7E 33KM H=08 31 38.9 (Ù)
LMH B 09 20 — 23.5N 125.7E 33KM 08 31 42.2 (M)

1979 MAY 07 JAVA — MB=5.9(68) — D= 96.7 DEG AZ= 92
I P 13 05 27.0C — 6.3S 106.8E 12KM H=12 52 56.3 (Ù)
E AP 06 06 — 6.3S 106.8E 120KM 12 52 06.3 (M)
E 07 56
E 08 54
E PP 09 24
E 14 39
E SKS AB 15 46
E S B 16 30
E AB 17 50
E 21 31
E B 23 1
E 24 13

1979 MAY 07 POLAND, UPPER SILESIA
E 21 31 38

1979 MAY 08
LMH B 00 37
LMV B 44

1979 MAY 08 SOUTHERN SUMATERA — MB=5.4(47) — D= 87.8 DEG AZ= 94
E P 01 32 29 — 0.4S 98.2E 35KM H=01 19 43.9 (Ù)
E 32 37 — 0.2S 98.2E 33KM 01 19 44.8 (M)

1979 MAY 08
E 04 25 36

1979 MAY 08 FOX ISLANDS, ALEUTIAN ISLANDS — MB=5.1(59) — D= 76.3 DEG AZ= 1
I P 13 08 00.0C 1.0 / 15 — 52.8N 168.3W 39KM H=12 56 14.8 (U)
E AP 08 17 — 52.3N 168.2W 33KM 12 56 11.0 (M)
LM B 50 (Ù)

1979 MAY 08 NORTHERN EASTER I. CORDILLERA
LM B 20 54

1979 MAY 09 CENTRAL YUGOSLAVIA — NO MB COMP. — D= 9.2 DEG AZ=152
E 00 11 10 — 43.0N 18.9E 10KM H=00 08 24.8 (B)
E 12 40 — 42.8N 17.9E 33KM 00 08 23.2 (M)
E SG 13 22
E 13 43
E 14 09

1979 MAY 09 NORTHWEST OF AUSTRALIA — MB=4.5(1) — D=113.8 DEG AZ= 87
I PKP 02 36 38.1 — 16.2S 119.9E 33KM H=02 18 13.7 (Ù)

1979 MAY 09 WESTERN POLAND — D=213 KM AZ= 83
I PN 04 23 10.4 — 51.5N 16.8E H=04 28(39) (P)
I 23 17.0 — 51.3N 15.8E 10KM 04 22 42.5 (B)
E SG 23 39
E 23 46

1979 MAY 09 YUGOSLAVIA-ALBANIA COAST REG. ** — NO MB COMP. — D= 10.2 DEG AZ=153
E 06 02 34 — 42.0N 19.2E 10KM H=05 57 20.0 (U)
E 03 14 — 42.0N 19.3E 10KM 05 57 21.1 (B)

1979 MAY 09 WESTERN POLAND — D=213 KM AZ= 83
I PN 06 30 12.9 — 51.5N 16.8E H=06 29 41 (P)
I 30 20.1 — 51.3N 15.9E 10KM 06 29 44.1 (B)
I SG 30 40.3
E 30 48

1979 MAY 09 ANGOLA — MB=4.7(21) — D= 69.8 DEG AZ=179
E(P) 07 40 29 — 14.4S 13.6E 33KM H=07 29 59.9 (Ù)

1979 MAY 09 NEW HEBRIDES ISLANDS REGION — MB=5.3(10) — D=144.8 DEG AZ= 33
I PKP 16 12 31.0C 1.1 / 50 — 19.6S 173.9E 33KM H=15 52 57.8 (Ù)
I 12 41.9 2.0 / 220 — 19.6S 173.2E 33KM 15 52 58.5 (M)

1979 MAY 09 TRACES! KERMADEC ISLANDS REGION — MB=4.3(1) — D=159.8 DEG AZ= 23
E PKP2 17 12 19 — 28.4S 179.8W 125KM H=16 52 13.0 (Ù)

1979 MAY 09 TRACES! NORTH ATLANTIC OCEAN — MB=4.9(6) — D= 68.4 DEG AZ=273
E P 18 46 11 — 21.3N 62.1W 33KM H=18 39 56.4 (Ù)

1979 MAY 09 ALMA-ATA REGION — MB=4.8(33) — D= 48.9 DEG AZ= 75
E P(1) 18 49 17 — 42.1N 79.3E 80KM H=18 41 51.1 (U)
I P(2) 49 20.4 1.1 / 26 — 41.9N 79.8E 1KM 18 40 50.1 (M)
E 49 37
E 52 06
LM AB 19 05

1979 MAY 10 EASTER ISLAND REGION
E PKP 02 29 04
E 29 21

1979 MAY 10 YUGOSLAVIA-ALBANIA COAST REG. **
E 04 09 54

1979 MAY 10 NEW HEBRIDES ISLANDS
E APKP 15 17 13
E 17 25

1979 MAY 10 KURILE ISLANDS
I P 17 46 22.1C 1.2 / 54

1979 MAY 10 KURILE ISLANDS
E P 20 02 42

1979 MAY 10 HOKKAIDO, JAPAN, REGION
I P 21 14 19.0 1.0 / 14

1979 MAY 10 TAIWAN REGION
E P 23 21 49

1979 MAY 11
E 00 09 53

1979 MAY 11 NEW HEBRIDES ISLANDS
E PKP 00 56 00 I
E APKP 56 33
E XPKP 56 48
I SKP 59 29.5C 1.2 / 20

1979 MAY 11 TRACES
E 01 21 05

1979 MAY 11 GREECE
E P 01 49 33
E S 51 55
E LI 52 58
E LG2 53 31
LM B 54

1979 MAY 11 KURILE ISLANDS
I P 02 18 21.0C 1.0 / 14

1979 MAY 11 YUGOSLAVIA-ALBANIA COAST REG. **
E PN 11 33 19
E 35 44
E SG 36 15
E 36 30

1979 MAY 11 YUGOSLAVIA-ALBANIA COAST REG. **
E(PN) 15 13 26
E 14 42
E SN 15 06
E 16 41
E 17 04

1979 MAY 11 LOYALTY ISLANDS
E PKP 20 04 10

1979 MAY 11
E 21 43 40

1979 MAY 11 TRACES! RYUKYU ISLANDS
E P 22 53 17
LM B 23 34

1979 MAY 11 TRACES! NEAR EAST COAST OF KAMCHATKA
E 23 32 32

1979 MAY 12
E 01 04 05

1979 MAY 12 SAMAR, PHILIPPINE ISLANDS
I P 01 10 13.5C 1.7 / 28
E PP 14 08

1979 MAY 12 YUGOSLAVIA-ALBANIA COAST REG. **
I PN 03 33 00.0 1.4 / 69
I 33 08.3
I 34 33.4
I(SN) AB 34 40.2
E 35 12
I 35 28
E SG AB 36 03
I LMH AB 36 15.0 T 8 AN 7 AE 12
E 36 27

1979 MAY 12 INDIA-BANGLADESH BORDER REGION
E P 06 20 31

MB=5.1(5) D=130.1 DEG AZ=281
24.1S;111.9W 10KM H=02 09 49.9 (U)
24.5S;110.9W 3KM 02 09 53.9 (W)

NO MB COMP. D= 9.7 DEG AZ=154
42.4N; 18.7E 10KM H=04 04 50.2 (B)

MB=5.1(10) D=143.0 DEG AZ= 41
19.9S;168.1E 33KM H=14 57 25.8 (U)
20.4S;168.0E 3KM 14 57 20.2 (W)

MB=4.9(27) D= 75.6 DEG AZ= 25
48.2N;154.9E 33KM H=17 34 39.6 (U)
48.3N;154.8E 33KM 17 34 40.1 (W)

/4.3(4)/ D= 76.8 DEG AZ= 28
46.1N;152.1E 40KM H=19 50 53.0 (I)

MB=4.7(11) D= 77.5 DEG AZ= 34
42.9N;145.4E 42KM H=21 02 27.2 (U)
42.9N;145.2E 33KM 22 02 27.1 (W)

MB=4.7(10) D= 83.1 DEG AZ= 60
23.8N;122.8E 33KM H=23 09 24.5 (U)
24.3N;122.7E 33KM 23 09 26.8 (W)

MB=5.3(12) D=144.7 DEG AZ= 39
20.9S;169.9E 136KM H=00 36 41.0 (U)

MB=4.4(16) D= 12.8 DEG AZ=142
40.7N; 23.3E 16KM H=01 46 27.9 (U)
40.7N; 23.4E 6KM 01 46 29.0 (B)
41.1N; 23.4E 3KM 01 46 30.5 (W)

MB=4.5(4) D= 74.7 DEG AZ= 25
49.2N;154.7E 33KM H=02 06 43.3 (U)

MB=3.5(2) D= 9.9 DEG AZ=154
42.2N; 18.8E 10KM H=12 30 52.0 (U)
42.2N; 18.8E 10KM 12 30 53.5 (B)

NO MB COMP. D= 10.2 DEG AZ=153
42.0N; 19.2E 10KM H=15 10 49.0 (U)
42.0N; 19.2E 10KM 15 10 50.3 (B)

NO MB COMP. D=144.5 DEG AZ= 42
21.3S;168.5E 33KM H=19 44 36.0 (U)

MB=4.5(5) D= 82.8 DEG AZ= 52
29.2N;130.3E 33KM H=22 48 54.6 (U)

MB=4.7(32) D= 72.9 DEG AZ= 21
52.2N;158.6E 70KM H=23 21 30.1 (U)
52.2N;158.7E 68KM 23 21 30.6 (W)

MB=5.5(39) D= 94.4 DEG AZ= 65
11.9N;125.6E 44KM H=00 56 57.2 (U)
12.2N;125.5E 50KM 00 56 59.6 (W)

MB=4.8(40) D= 9.8 DEG AZ=154
42.3N; 18.8E 10KM H=03 30 34.8 (U)
42.3N; 18.8E 10KM 03 30 37.3 (B)
42.4N; 18.8E 3KM 03 30 34.2 (W)
DISTANCE 10 DEG

MLH =5.2

MB=4.7(24) D= 68.2 DEG AZ= 82
24.0N; 92.8E 33KM H=06 10 09.2 (U)
23.8N; 92.4E 33KM 06 10 08.2 (W)

1979 MAY 12 NORTH SEA
E S 07 18 43

1979 MAY 12 CENTRAL YUGOSLAVIA
E 07 57 53
E 59 07
E 08 00 09

1979 MAY 12 YUGOSLAVIA-ALBANIA COAST REG. **
E SG 12 02 10
E 02 28

1979 MAY 12
E 15 14 42
E 17 09

1979 MAY 12 AEGEAN SEA
E 17 56 37
LM B 18 02

1979 MAY 12 OFF EAST COAST OF HONSHU, JAPAN
E P 18 07 00
E AP 07 17

1979 MAY 12 SOUTHEASTERN AUSTRIA
E PN 21 35 11
I PG 35 24.0
I SN 35 53.8
I SG AB 36 14.7
E LM 36 20
E LM B 36 39

1979 MAY 13 NEW HEBRIDES ISLANDS
I PKP 00 17 24.5C 1.1 / 19

1979 MAY 13 RYUKYU ISLANDS REGION
E P 06 21 21
E AP 21 33

1979 MAY 13 MARIANA ISLANDS
I P AB 06 39 17.6C 1.2 / 50
I AP AB 40 14.1C 2.0 / 210
E PP AB 43 22
I B 44 08
I APP 44 13.9
E B 46.2
E 48 11
E SKS AB 49 31
E XSKS B 51 13 (OR BELONGING TO THE FOLLOWING EVENT)
E PKKP1 55 48
E PKKP2 56 16
E APKKP 56 51
E XSS B 58.7
E PKPPKP 07 03 58
LH B 17 T 24 AN 10 AE 15
LMH B 21 T 20 AN 12.5 AE 9 AV 3,5 MLH =6.5 (NO DEPTH CORRECTION)
LMV B 29 T 17 AN 7 AE 2.5 AV 6,5 MLV =6.3 (NO DEPTH CORRECTION)
FINAL 09

AND ANOTHER POSSIBILITY

1979 MAY 13 SOUTHERN SINKIANG PROV., CHINA
E(P) 06 51 13

1979 MAY 13 CENTRAL YUGOSLAVIA
E 07 47 40
E 49 13
I SG 49 56.2
E 50 12

1979 MAY 13
E 10 34 19

1979 MAY 13
E 17 00 12

1979 MAY 13 BANDA SEA
E PKP 17 48 09
E PP 48 34
E SP 56 57

1979 MAY 13 SOUTHERN IRAN
E P 20 21 04

1979 MAY 13 RED SEA
E P 20 55 24

1979 MAY 13 RED SEA
E P 21 03 03

MB=5.1(11) D=138.8 DEG AZ= 39
14.8S;167.1E 105KM H=23 58 09.0 (U)
14.8S;166.9E 33KM 23 58 01.1 (W)

MB=4.4(3) D= 83.7 DEG AZ= 51
28.8N;131.5E 33KM H=06 08 53.0 (U)

MB=5.9(109) D= 98.5 DEG AZ= 45
19.0N;145.3E 251KM H=06 26 07.8 (U)
19.1N;145.4E 260KM 06 26 08.7 (W)
DISTANCE 99 DEG DEPTH 235 KM

MB=5.0(30) D= 48.9 DEG AZ= 79
37.2N; 80.9E 33KM H=06 42 30.3 (U)
37.1N; 79.9E 36KM 06 42 27.3 (W)

NO MB COMP. D= 9.1 DEG AZ=152
43.1N; 18.9E 10KM H=07 49 12.2 (U)
43.1N; 19.0E 10KM 07 49 14.6 (B)

MB=5.7(68) D=105.7 DEG AZ= 77
4.1S;123.1E 615KM H=17 30 56.8 (U)
4.1S;123.0E 530KM 17 30 49.6 (W)

MB=4.5(15) D= 43.9 DEG AZ=106
26.2N; 60.9E 10KM H=20 12 54.9 (U)
25.6N; 60.9E 33KM 20 12 53.7 (W)

MB=4.8(23) D= 38.5 DEG AZ=138
18.8N; 39.3E 10KM H=20 48 00.3 (U)
18.4N; 39.1E 33KM 20 48 00.3 (W)

MB=4.5(14) D= 38.4 DEG AZ=138
18.9N; 39.2E 10KM H=20 55 40.3 (U)
18.6N; 39.1E 33KM 20 55 40.7 (W)

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                                                                  MB=4.7(22)   D= 9?.? DEG  AZ=269
1979 MAY 13   NEAR COAST OF ECUADOR                                            3.8S; 79.4W   98KM H=22 41 53.6 (U)
E AP        22 55 31                                              MB=4.9(53)   D= 86.5 DEG  AZ=285
1979 MAY 13   NICARAGUA                                                       12.1N; 86.4W  209KM H=22 43 16.3 (U)
E P         22 55 37
E           22 55 58
I AP        22 56 24.0C 2.1 /  89
E PP        22 59 07
                                                                  MB=4.4(16)   D= 4?.? DEG  AZ=106
1979 MAY 14   SOUTHERN IRAN                                                    26.3N; 61.2E   33KM H=01 56 28.5 (U)
I P         01 04 36.6C

1979 MAY 14   POLAND, UPPER SILESIA
E           03 23 11

1979 MAY 14
E           03 37 43
                                                                  MB=4.1( 2)   D=145.7 DEG  AZ= 20
1979 MAY 14   FIJI ISLANDS REGION                                             18.2S;178.4W  622KM H=06 48 19.3 (U)
I PKP1      07 00 50.9

1979 MAY 14   YUGOSLAVIA-ALBANIA COAST REG. **                   MB=4.7(11)   D= 10.2 DEG  AZ=153
E PN        09 55 38                                                         42.0N; 19.1E   10KM H=09 58 07.5 (U)
I SN        09 24.9                                                          42.0N; 19.2E   10KM    09 58 09.6 (S)
E           09 59                                                            42.1N; 19.2E   27KM    09 58 10.6 (N)
E LM    AB  10 04    T  6   AN   1   AE   3   AV   1.5   MLH  =4.6         DISTANCE  10 DEG

1979 MAY 14
E           12 29 24
                                                                  MB=5.8(97)   D= 76.5 DEG  AZ= 31
1979 MAY 14   KURILE ISLANDS                                                   44.8N;147.6E  108KM H=15 39 53.0 (U)
I P         15 51 31.9  1.0 /  270  1.2 /   60  0.9 /   49                   45.3N;147.3E  101KM    15 39 54.6 (N)
E AP        15 51 59
E S         16 01 08
E SCS       16 01 23

1979 MAY 14   YUGOSLAVIA-ALBANIA COAST REG. **                   NO MB COMP.  D=  9.2 DEG  AZ=152
E           22 05 20                                                         43.0N; 18.9E   10KM H=22 00 15.5 (U)
E SG        22 05 57

1979 MAY 14
E           22 44 14

1979 MAY 14 / NORTHERN CHILE                                      MB=5.9(75)
    MAY 15                                                                   D=102.7 DEG  AZ=250
I P         23 17 54.7C 1.6 /   27                                           22.8S; 69.1W   85KM H=23 04 02.6 (U)
E AP        18 15       1.7 /   79                                           23.1S; 69.3W   93KM    23 03 58.8 (N)
E           20 58                                                            DISTANCE 100 DEG    DEPTH  75 KM
E(PP)   AB  22 25
E SKS   AB  22 28
E(XS)    B  29 34
E(PS)    B  31.1
I PKKP2     34 14.8
E SS     B  36.6
  LM     B  58
  L      B 00 04

1979 MAY 15   TRACES) WESTERN TURKEY                              NO MB COMP.  D= 16.3 DEG  AZ=131
E           00 07 26                                                         39.3N; 28.8E   10KM H=00 02 59.9 (U)

1979 MAY 15
E           03 54 10

1979 MAY 15   SOUTH OF FIJI ISLANDS                               MB=4.3( 2)   D=153.9 DEG  AZ= 20
I PKP1      06 35 18.2                                                       26.2S;176.9W   33KM H=06 15 22.6 (U)
I PKP2      06 35 27.6

1979 MAY 15   POLAND, UPPER SILESIA
E PG        06 52 35
E SG        06 53 25

1979 MAY 15   CRETE                                               MB=5.6(58)   D= 18.7 DEG  AZ=149
I P      AB 07 03 38.3C 1.8 /  420                                  MPV  =5.4
                                T  6   AN   3.9 AE   1.7 AV   3.2  MPH  =6.0 MPV  =5.8 34.6N; 24.9E   88KM    06 59 26.2 (S)
E PP            03 54                                                                  34.6N; 24.4E   33KM    06 59 20.7 (N)
I PPP           04 01.9                                                                DISTANCE  19 DEG
E S      AB     07 08
E               07 22
E SS     AB     07 36
  LM     B      10.1
I SCP           11 39.9D 1.5 /   67
  LM     B      12.5      T 12   AN  14.5 AE   7   AV  17    MLH  =5.5 MLV  =5.7
  FINAL    08

1979 MAY 15   EXPLOSION
I PG        08 42 53.9
I SG        43 07.5
E L         43 16

1979 MAY 15   POLAND, UPPER SILESIA
E SG        17 32 28                                          NO MB COMP.D=  4.8 DEG  AZ=102
                                                                           50.3N; 19.1E    0KM H=17 30 20 (P)

1979 MAY 15   POLAND, UPPER SILESIA
E SG        20 18 33                                          NO MB COMP.D=  3.9 DEG  AZ=103
                                                                           50.3N; 19.0E    0KM H=20 16 23.0 (P)

1979 MAY 16
E           00 43 00
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1979 MAY 16   SOUTH ATLANTIC RIDGE                               MB=5.8(47)   D= 9?.? DEG  AZ=???
I P      AB 02 40 03.0C 1.8 /  180                                            35.7S; 16.2W   10KM H=02 27 50.8 (U)
I               40 12.2                                                       35.7S; 15.9W    1KM    02 27 02.8 (M)
I PP            43 35.8                                                      DISTANCE  90 DEG
E S      B      50 38
E PS     B      52.1
E SS     B      56.8
E        B 03 05.4
  LM     B      19       T 17   AN   4   AE   4   AV   6    MLH  =6.1 MLV  =6.?

1979 MAY 16   LOYALTY ISLANDS REGION                             MB=5.1(15)   D=144.8 DEG  AZ= 40
I PKP       04 51 03.4C 0.9 /   14                                           21.3S;169.4E   30KM H=06 31 30.5 (U)
                                                                             21.4S;169.6E   33KM    06 31 30.3 (M)

1979 MAY 16   KURILE ISLANDS REGION                              MB=4.6( 9)   D= 75.4 DEG  AZ= 24
I P         06 45 03.2C                                                      48.8N;156.3E   33KM H=06 33 21.0 (U)
                                                                             49.3N;155.4E   33KM    06 33 29.2 (M)

1979 MAY 16   CENTRAL ITALY                                      NO MB COMP.  D=  7.7 DEG  AZ=185
E           13 12 20                                                         43.6N; 13.1E   10KM H=15 08 28.9 (U)
E           13 08                                                            43.6N; 12.2E    8KM    15 08 29.9 (M)

1979 MAY 16   SOUTHEASTERN ALASKA                                MB=4.6( 4)   D= 66.9 DEG  AZ=346
E P         14 30 12                                                         60.2N;141.8W   15KM H=14 19 19.2 (U)

1979 MAY 16   FIJI ISLANDS REGION                                MB=4.2( 4)   D=145.8 DEG  AZ= 20
I PKP1      14 31 22.8C 0.9 /   28                                           18.3S;178.8W  599KM H=14 12 49.2 (U)

1979 MAY 16
E           16 04 39

1979 MAY 16   GERMAN DEMOCRATIC REPUBLIC                                   DISTANCE 175 KM
E PG        16 09 09
I SG            09 29.4

1979 MAY 16   KURILE ISLANDS REGION                                /4.5( 4)/ D= 75.8 DEG  AZ= 24
I P         17 41 31.6C 1.1 /   20                                           48.8N;156.8E   18KM H=17 29 47   (P)

1979 MAY 17   TONGA ISLANDS REGION                                 /4.8( 5)/ D=145.9 DEG  AZ=  9
I PKP1      00 24 20.2C 1.5 /   59                                           17.4S;172.8W   48KM H=00 04 43   (P)

1979 MAY 17
E           00 47 43

1979 MAY 17   NORTH ATLANTIC RIDGE                               MB=4.6( 3)   D= 58.6 DEG  AZ=256
I P         03 57 04.6                                                       16.1N; 46.8W   10KM H=03 47 04.9 (U)

1979 MAY 17   HOKKAIDO, JAPAN, REGION                            MB=5.0(46)   D= 77.2 DEG  AZ= 34
I P         10 08 10.4C 0.8 /   38                                           42.9N;144.8E   57KM H=09 56 21.8 (U)
I AP            08 27.5                                                      43.2N;144.8E   62KM    09 56 23.3 (M)

1979 MAY 17   NEAR EAST COAST OF HONSHU, JAPAN                   MB=5.1(47)   D= 81.3 DEG  AZ= 40
I P         13 08 31.0C 1.2 /   29                                           36.7N;141.2E   43KM H=12 56 17.4 (U)
E AP            08 42                                                        37.3N;140.9E   60KM    12 56 22.9 (M)
  LM     B      47

1979 MAY 17   CENTRAL YUGOSLAVIA                                NO MB COMP.  D=  9.2 DEG  AZ=152
E(SG)       16 06 00                                                         43.0N; 18.9E   10KM H=16 01 06.7 (U)
                                                                             43.0N; 19.0E   10KM    16 01 07.6 (S)

1979 MAY 17   TRACES
E           18 18 40

1979 MAY 18   CRETE                                             MB=4.9(32)   D= 18.8 DEG  AZ=151
I P         15 13 12.3  1.5 /   44                                           34.9N; 23.4E   41KM H=15 09 03.8 (U)
I               13 32.0                                                      34.9N; 23.4E   47KM    15 09 06.7 (S)
  LM     B      21                                                           34.7N; 23.2E    3KM    15 08 56.5 (N)

1979 MAY 18   FIJI ISLANDS REGION                               NO MB COMP.  D=146.2 DEG  AZ= 19
I PKP1      15 26 08.1  1.0 /   13                                           18.6S;178.2W  585KM H=15 07 33.9 (U)

1979 MAY 18   SOUTH OF FIJI ISLANDS                             MB=4.9( 5)   D=149.3 DEG  AZ= 25
I PKP1      18 43 49.9C 0.9 /   28                                           22.4S;179.8E   930KM H=18 28 07.0 (U)

1979 MAY 18   POLAND, UPPER SILESIA
E           19 15 44

1979 MAY 18   VOLCANO ISLANDS REGION                             MB=5.8(125)  D= 92.7 DEG  AZ= 45
I P      AB 20 30 13.0C 1.3 /  210                                           24.1N;142.4E  567KM H=20 18 01.1 (U)
I               30 19                                                        24.1N;142.5E  600KM    20 18 03.2 (M)
I AP     AB     32 21.5C                                                     DISTANCE  92 DEG    DEPTH 998 KM
I PP     AB     34 05.2C 1.6 /  130                                MPPV =5.9
E APP    B      35.9
E        B      36.8
I SKS    AB     39 50     T  9   AN   2.0 AE   2.4 AV   1.2
E S      B      40 22     T 11   AN   1.5 AE   2.0              MSH  =6.1
E SP     AB     41 40
E PS     B      43.0
E XSP    B      45.2
E SS     B      46.8
E SKKP          49 33
E(SSSS)  B      54.4
E SKPPKP        57 40
  FINAL    22

1979 MAY 18 / MOLUCCA PASSAGE                                     MB=6.1(64)
    MAY 19                                                                   D=108.6 DEG  AZ= 71
E P         23 36 28    1.5 /   35                                           0.7N;126.0E   33KM H=23 38 25.2 (U)
I               36 48                                                        0.9N;125.8E   36KM    23 38 26.4 (M)
E               37 19                                                        DISTANCE 103 DEG
E               39 43
E PP            40 45
E SKS    AB     47 02
E S      AB     48 12
  LM     B 00 27       T 21   AN   2   AE   3   AV   3.5   MLH  =5.9 MLV  =5.?
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1979 MAY 19
E 01 04 06 MB=4.1(3) D= 88.6 DEG AZ=293
15.2N; 94.2W 97KM H=02 46 01.7 (U)

1979 MAY 19 NEAR COAST OF OAXACA, MEXICO
E 01 59 00

1979 MAY 19
E P 10 28 12

1979 MAY 19
E 13 48 28

1979 MAY 19
I P 21 03 32.3 MB=5.6(62) D= 89.6 DEG AZ= 92
1.1S;101.0E 131KM H=22 34 34.0 (U)
0.8S;101.0E 140KM 22 34 39.8 (M)

1979 MAY 19 SOUTHERN SUMATERA
I P 22 47 18.1 1.6 / 32
I 47 59.3

1979 MAY 20 SOUTH SANDWICH ISLANDS REGION MB=5.8(9) D=116.2 DEG AZ=202
E PP 03 22 22 60.1S; 29.4W 99KM H=03 02 33.4 (U)
LM B 04 04

1979 MAY 20 WESTERN POLAND
E PG 03 24 36 DISTANCE 220 KM
E SG 25 02

1979 MAY 20 ALASKA PENINSULA MB=6.6(130) D= 72.1 DEG AZ=354
I P AB 08 25 17.8C 1.2 / 950 1.2 / 410 1.2 / 230 MPV =6.5 56.6N;156.7W 71KM H=08 14 00.1 (U)
T 7 AN 2.8 AE 0.8 AV 6.6 MPV =6.6 57.2N;157.3W 70KM 08 14 03.1 (M)
I AP AB 25 37.9 DISTANCE 72 DEG DEPTH 80 KM
I 25 42
I S AB 34 34 T 11 AN 7.6 AE 19.6 AV 2.6 MSH =7.0
E SP AB 34.9
LMH B 48.4 T 16 AN 4.5 AE 7.5 AV 3.5 MLH =6.1 (NO DEPTH CORRECTION)
E 09 01 59
LMV B 02 T 19 AN 4.5 AE 4.5 AV 5.5 MLV =5.9 (NO DEPTH CORRECTION)
FINAL 10

1979 MAY 20 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.2(3) D= 9.9 DEG AZ=155
E 08 48 06 42.2N; 18.7E 10KM H=08 45 29.2 (U)
E 49 06 42.2N; 18.8E 10KM 08 45 31.0 (B)
E 49 26 42.1N; 18.5E 79KM 08 45 31.1 (M)
E 50 15
E SG 50 59

1979 MAY 20 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.7(1) D= 9.9 DEG AZ=154
E SG 19 44 51 42.2N; 18.8E 10KM H=19 39 23.4 (U)

1979 MAY 20 NEAR COAST OF NORTHERN CHILE (U)
LM B 20 44 T 17 AN 0.5 AE 0.5 AV 1

1979 MAY 20 TIBET-INDIA BORDER REGION MB=5.8(95) D= 53.3 DEG AZ= 86
I P AB 23 08 31.4C 1.6 / 110 30.0N; 80.3E 33KM H=22 59 14.2 (U)
E PP 10 34 30.3N; 80.3E 3KM 22 59 11.0 (M)
E S AB 15 59 DISTANCE 54 DEG
E SCS B 18 18
E SS B 20.4
LM B 33 T 14 AN 1 AE 4 AV 4.5 MLH =5.7 MLV =5.8

1979 MAY 21
E 02 44 56

1979 MAY 21 NEW IRELAND REGION MB=5.3(19) D=122.5 DEG AZ= 49
I PKP 06 17 21.8C 0.9 / 28 4.2S;153.1E 52KM H=05 58 29.8 (U)
4.4S;153.3E 33KM 05 58 26.1 (M)

1979 MAY 21 CENTRAL MID-ATLANTIC RIDGE MB=5.0(15) D= 58.6 DEG AZ=238
E P 08 29 11 7.1N; 34.0W 10KM H=08 19 09.7 (U)

1979 MAY 21 CENTRAL ITALY D= 8.2 DEG AZ=180
E SG 12 30 42 43.1N; 13.1E 27KM H=12 26 17.1 (B)

1979 MAY 21 CENTRAL ITALY NO MB COMP. D= 8.1 DEG AZ=181
E SG 12 41 14 43.2N; 12.8E 10KM H=12 36 41.0 (U)
43.1N; 12.6E 10KM 12 36 44.4 (M)

1979 MAY 21 CENTRAL ITALY NO MB COMP. D= 8.2 DEG AZ=181
E 14 37 47 43.1N; 12.8E 10KM H=14 34 16.5 (U)
E SG 38 48 43.1N; 12.8E 10KM 14 34 19.2 (M)

1979 MAY 21 NEAR EAST COAST OF HONSHU, JAPAN MB=5.4(85) D= 81.6 DEG AZ= 41
I P 14 49 38.6C 1.1 / 76 35.9N;140.2E 73KM H=14 37 27.6 (U)
I 49 45.0 36.0N;140.3E 20KM 14 37 20.8 (M)

1979 MAY 21 NEAR EAST COAST OF HONSHU, JAPAN MB=5.6(55) D= 79.8 DEG AZ= 37
I P 15 13 00.2C 1.2 / 43 39.2N;142.8E 43KM H=15 00 55.5 (U)
I AP 13 11.8 39.3N;142.9E 18KM 15 00 51.9 (M)

1979 MAY 21 BALI ISLANDS REGION MB=5.7(57) D=104.5 DEG AZ= 85
E(PKP) 16 49 23 8.3S;115.9E 76KM H=16 31 05.2 (U)
8.2S;115.7E 33KM 16 31 00.5 (M)

1979 MAY 21 CENTRAL ITALY
E 17 36 01 MB=5.1(2) D= 8.2 DEG AZ=181
E SG 36 51 43.1N; 12.9E 10KM H=17 32 10.8 (U)
43.1N; 12.9E 20KM 17 32 14.6 (M)

1979 MAY 21 NORTHERN COLOMBIA MB=5.2(48) D= 82.6 DEG AZ=271
I P 20 34 02.7C 6.7N; 73.4W 95KM H=20 21 40.4 (U)
E 34 44 6.7N; 73.3W 33KM 20 21 40.9 (M)

1979 MAY 21 SICHUAN PROVINCE, CHINA MB=4.7(187) D= 66.1 DEG AZ= 67
E 21 42 42 32.6N;104.3E 30KM H=21 32 54.8 (U)
32.3N;104.5E 33KM 22 32 00.1 (M)

1979 MAY 21 SOUTHERN PERU MB=6.0(95) D= 97.6 DEG AZ=255
I P AB 22 35 34.4C 1.7 / 220 15.3S; 70.1W 208KM H=22 22 23.6 (U)
I AP AB 36 32.4 2.8 / 698 15.5S; 70.2W 186KM 22 22 13.6 (M)
E B 39 12 DISTANCE 97 DEG DEPTH 240 KM
I PP AB 39 34
E AB 40 24
E APP B 40.7
E SKS B 45 51 T 12 AN 1.8 AE 7.2 AV(2.5)
E AB 47 12
E XSKS B 47 40
E 48 01
E PPS B 49.2
E PKKP2 52 47
E 53 04
E 53 21
E SKKP 55 11
E PCPPKP 56 27
E PKPPKP 23 00 27
E SKPPKP 03 36
LM B 14 T 20 AN 4 AE 6 AV 7.5 MLH =6.1 MLV =6.1 (NO DEPTH CORRECTION)

1979 MAY 21 EASTERN CHINA MB=5.0(36) D= 70.8 DEG AZ= 64
I P 22 58 15.8C 1.1 / 30 31.0N;110.5E 33KM H=22 47 00.3 (U)

1979 MAY 21
E 23 15 15

1979 MAY 22 SOUTHERN YUGOSLAVIA NO MB COMP. D= 9.2 DEG AZ=153
E 06 22 07 43.0N; 18.7E 10KM H=06 19 37.9 (U)
E 23 17 43.1N; 19.1E 10KM 06 19 38.6 (B)
E SN 23 36
E SG 24 40

1979 MAY 22 NORTHERN CHILE MB=5.5(45) D=102.7 DEG AZ=250
E(XP) 08 47 53 22.8S; 69.1W 58KM H=08 33 35.8 (U)
23.1S; 69.5W 33KM 08 33 33.0 (M)

1979 MAY 22 EXPLOSION; CZECHOSLOVAKIA D= 1.2 DEG AZ=174
I PG 11 12 34.9C 50.1N; 13.2E 0KM H=11 12 13 (I)
I SG 12 51.4 DISTANCE 130 KM

1979 MAY 22 MEDITERRANEAN SEA MB=4.4(34) D= 17.8 DEG AZ=155
E P 11 54 17 1.9 / 61 34.8N; 22.1E 10KM H=11 50 06.9 (U)
E 54 44 34.8N; 22.1E 10KM 11 50 09.7 (B)
LM B 12 02 35.0N; 22.4E 33KM 11 50 12.1 (M)

1979 MAY 22 OFF COAST OF OREGON MB=4.7(42) D= 79.3 DEG AZ=333
E P 14 53 21 44.2N;128.9W 15KM H=14 41 15.9 (U)

1979 MAY 22 TRACFST SCOTIA SEA MB=5.1(6) D=117.1 DEG AZ=203
E PKP 21 57 17 60.4S; 32.1W 10KM H=21 38 27.8 (U)
61.5S; 35.1W 3KM 21 38 23.6 (M)

1979 MAY 23 KUPILE ISLANDS REGION MB=5.7(96) D= 74.9 DEG AZ= 21
I P AB 00 52 20.2C 1.5 / 130 50.3N;159.7E 33KM H=00 40 42.3 (U)
T 9 AV 1.7 MPV =6.1 50.5N;159.4E 3KM 00 40 39.2 (M)
I AB 52 40.7 DISTANCE 76 DEG
I 54 34.9
E PP B 55 08 T 7 AV 1.0 MPPV =6.1
E PPP 57 01
E S B 01 01 59
E PS B 02.7
E SSSS B 11.3
LM B 30 T 16 AN 5 AE 2 AV 5 MLH =5.9 MLV =5.9

1979 MAY 23 NEAR COAST OF CHIAPAS, MEXICO MB=4.8(37) D= 88.6 DEG AZ=292
E AP 01 22 13 15.1N; 93.9W 29KM H=01 09 10.4 (U)

1979 MAY 23 ADRIATIC SEA NO MB COMP. D= 7.6 DEG AZ=175
E 03 52 49 43.7N; 14.0E 10KM H=03 48 56.2 (U)
E SG 53 13 43.8N; 13.7E 21KM 03 49 02.3 (B)

1979 MAY 23 ICELAND REGION MB=4.3(27) D= 23.9 DEG AZ=311
E P 04 04 31 2.2 / 48 61.7N; 26.0W 10KM H=03 59 16.5 (U)
61.7N; 26.0W 39KM 03 59 22.2 (B)

1979 MAY 23 EXPLOSION
E 08 33 03
I PG 33 05.0
I 33 15.5
I SG 33 18
I L 33 22.1

1979 MAY 23
E P 12 41 51
E 42 09

1979 MAY 23 ALASKA PENINSULA MB=4.0(55) D= 71.9 DEG AZ=354
I P 13 55 58.1 1.1 / 28 56.8N;156.7W 71KM H=13 44 40.8 (U)
56.9N;156.9W 33KM 13 44 34.6 (M)

1979 MAY 23 RYUKYU ISLANDS
I P 14 36 09.8
MB=4.7(5)
D= 83.8 DEG AZ= 54
27.7N 128.4E 83KM H=14 28 52.1 (U)

1979 MAY 23 SANTA CRUZ ISLANDS REGION
I PKP 16 49 17.8C 1.2 / 43
E APKP 49 32
E 49 39
E(PP) 51 56
E 52 48
E 53 01
MB=5.6(59)
D=133.4 DEG AZ= 40
10.6S 164.9E 68KM H=16 30 07.9 (U)
10.5S 164.9E 33KM 16 30 04.4 (M)

1979 MAY 23
E 18 01 57

1979 MAY 23
E 19 40 09

1979 MAY 23
E 22 27 18

1979 MAY 24 SOUTHEASTERN AUSTRIA
E PG 00 35 15
E SN 35 50
E(SG) 36 06
NO MB COMP.
D= 4.5 DEG AZ=146
47.5N 16.8E 10KM H=00 35 45.9 (U)
47.5N 16.8E 10KM 00 35 47.3 (B)

1979 MAY 24 SOUTHEASTERN AUSTRIA
E SG 01 18 10

1979 MAY 24
I P 03 25 57.6C 1.0 / 24

1979 MAY 24 EXPLOSION
I PG 09 14 58.8
I SG 15 11.5
E L 15 21

1979 MAY 24 MOLUCCA PASSAGE
E 13 50 12
MB=5.5(31)
D=108.6 DEG AZ= 71
0.8N 126.0E 52KM H=13 38 51.5 (U)
1.3N 125.8E 33KM 13 38 52.1 (M)

1979 MAY 24 NORTHERN YUGOSLAVIA
E SG 14 48 10
NO MB COMP.
D= 5.6 DEG AZ=171
45.8N 14.2E 10KM H=14 44 59.9 (U)
45.6N 14.5E 10KM 14 44 58.9 (B)

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
I PN AB 17 25 43.9C 1.8 / 500 1.8 / 420 1.7 / 110
T 8 AN 5.2 AE 3.1 AV 5.0
I 25 55.7 1.5 / 560 1.5 / 480 1.3 / 155
I 26 01.1
I 26 22
E B 26 28
I SN 27 26
E AB 27 33 T 11 AN 10.5 AE 9.9
I AB 27 50.3
I AB 28 05
E B 28 24
E SG AB 28 42
LM AB 29.1 T 12 AN 190 AE 225
W B 20 41
MB=5.8(78)
MLH =6.3
D= 9.8 DEG AZ=154
42.3N 18.8E 8KM H=17 23 18.2 (U)
42.2N 18.8E 3KM 17 23 20.3 (B)
42.3N 18.8E 3KM 17 23 17.2 (M)
DISTANCE 10 DEG

1979 MAY 24
E 17 54 57
E 55 21

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
E 17 59 10
E SG 59 53
E 18 00 04
MB=3.2(2)
D= 10.0 DEG AZ=155
42.1N 18.7E 10KM H=17 54 18.6 (U)

1979 MAY 24
E 18 04 22

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
E 19 05 22
E SG 06 12
MB=3.6(1)
D= 9.8 DEG AZ=154
42.3N 18.8E 10KM H=19 00 44.7 (U)
42.5N 19.3E 10KM 19 00 49.1 (B)

1979 MAY 24
E 19 09 31

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
E 19 22 59
E SG 23 31
MB=3.7(1)
D= 9.9 DEG AZ=154
42.3N 18.9E 10KM H=19 18 00.8 (U)
42.1N 18.8E 10KM 19 18 00.8 (B)

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
E 19 47 13
E(SG) 48 12
MB=3.9(1)
D= 9.9 DEG AZ=155
42.2N 18.7E 10KM H=19 42 41.2 (U)
42.2N 18.8E 10KM 19 42 43.1 (B)

1979 MAY 24 POLAND, UPPER SILESIA
E 20 02 47

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
E SG 20 40 59
E 41 11
MB=3.1(2)
D= 10.8 DEG AZ=154
42.2N 18.9E 10KM H=20 38 30.4 (U)

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
E 20 52 13
NO MB COMP.
D= 9.8 DEG AZ=153
42.4N 19.1E 10KM H=20 46 40.0 (U)

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
E 21 09 07
E(SG) 10 12
E 10 33
MB=3.8(1)
D= 9.9 DEG AZ=154
42.2N 18.8E 10KM H=22 04 42.7 (U)
42.1N 18.9E 10KM 22 04 44.1 (B)

1979 MAY 24 FIJI ISLANDS REGION
I PKP1 21 54 37.9C 0.8 / 15
MB=5.0(4)
D=146.2 DEG AZ= 19
18.6S 178.2W 569KM H=21 36 02.0 (U)

1979 MAY 24
E 22 26 11

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. **
I 22 32 57.8
E 33 50
MB=3.9(1)
D= 9.9 DEG AZ=155
42.2N 18.7E 10KM H=22 28 14.7 (U)
42.2N 18.7E 10KM 22 28 16.5 (B)
42.4N 18.6E 3KM 22 28 14.8 (M)

1979 MAY 24
E 22 44 42

1979 MAY 24 NORTHERN YUGOSLAVIA
E SG 22 59 57
NO MB COMP.
D= 6.2 DEG AZ=170
45.3N 14.5E 10KM H=22 56 43.3 (B)
43.9N 15.9E 10KM 22 56 19.3 (U)

1979 MAY 24 KASHMIR-SINKIANG BORDER REGION
E P 23 47 58
E(AP) 48 24
I 48 49.2
E 50 17
MB=4.7(31)
D= 47.6 DEG AZ= 82
36.3N 77.9E 89KM H=23 39 28.0 (U)

1979 MAY 25 POLAND, UPPER SILESIA
E SG 00 43 00
NO MB COMP. D= 4.8 DEG AZ=101
50.4N 19.1E 0KM H=00 40 55 (I)

1979 MAY 25
E 02 17 29 C

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E 02 50 40
E 51 25
NO MB COMP.
D= 9.9 DEG AZ=155
42.2N 18.7E 10KM H=02 45 47.2 (U)
42.1N 18.8E 10KM 02 45 48.7 (B)

1979 MAY 25 SOUTHERN YUGOSLAVIA
E 02 54 38
E SG 55 24
NO MB COMP.
D= 9.2 DEG AZ=153
43.0N 18.7E 10KM H=02 50 19.7 (U)
42.8N 18.7E 10KM 02 50 22.0 (B)

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E 03 28 15
NO MB COMP.
D= 9.9 DEG AZ=154
42.2N 18.8E 10KM H=03 23 10.9 (U)
42.2N 18.9E 10KM 03 23 12.5 (B)

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E 03 37 04
E SG 37 51
NO MB COMP.
D= 10.0 DEG AZ=154
42.2N 18.9E 10KM H=03 32 22.2 (U)
42.2N 18.8E 10KM 03 32 24.6 (B)

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E PN 07 24 33
E 25 58
E SG AB 27 35
E 27 50
MB=4.4(3)
D= 9.9 DEG AZ=154
42.2N 18.8E 10KM H=07 22 04.2 (U)
42.1N 18.8E 3KM 07 22 04.9 (B)
42.2N 18.8E 33KM 07 22 07.2 (M)

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E 08 50 37
E 51 33
MB=3.4(1)
D= 9.9 DEG AZ=155
42.2N 18.6E 10KM H=08 45 53.7 (U)
42.2N 18.8E 10KM 08 45 55.5 (B)

1979 MAY 25
E 08 52 56 C

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E 09 29 20
E B 30 40
MB=4.1(2)
D= 9.9 DEG AZ=155
42.2N 18.7E 10KM H=09 25 05.8 (U)
42.1N 18.8E 10KM 09 25 07.5 (B)
42.3N 18.8E 3KM 09 25 07.0 (M)

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E 11 10 57
E 11 24
E 12 07
NO MB COMP.
D= 9.9 DEG AZ=155
42.2N 18.7E 10KM H=11 06 28.3 (U)
42.1N 18.8E 10KM 11 06 30.0 (B)

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E 11 47 44
E 49 45
E SG AB 50 48
E L 51 19
MB=4.5(10)
D= 9.9 DEG AZ=154
42.2N 18.8E 10KM H=11 45 17.0 (U)
42.1N 18.8E 10KM 11 45 18.9 (B)
42.1N 18.6E 33KM 11 45 18.8 (M)

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. **
E 12 35 47
E 37 07
NO MB COMP.
D= 10.0 DEG AZ=154
42.1N 18.8E 10KM H=12 31 04.9 (U)
42.2N 19.0E 10KM 12 31 07.6 (B)

1979 MAY 25 FOX ISLANDS, ALEUTIAN ISLANDS
I P AB 16 57 16.2C 1.4 / 290
T 12 AN 1.7 AE 0.5 AV 2.9
I 57 21.7
E 59 56
E S AB 17 06 59 T 16 AN 2.5 AE 2.5
E SKS 07 18
E SCS 07 30
E(SSSS) B 16.6
E PKPPKP 24 46
L B 33 T 18 AN 8.5 AE 4 AV 9
LM B 44 T 16 AN 10.5 AE 4.5 AV 8
MB=6.0(118)
MPV =6.3
MSH =6.2
MLH =6.2 MLV =6.2
D= 76.5 DEG AZ= 0
52.6N 167.0W 23KM H=16 45 27.3 (U)
53.1N 167.5W 3KM 16 45 26.9 (M)
DISTANCE 76 DEG

1979 MAY 25 WESTERN ARABIAN PENINSULA — MB=4.7(12)
E P 17 17 23 1.4 / 29 — D= 31.7 DEG AZ=137; 25.2N; 36.5E 10KM H=12 10 56.8; 24.5N; 36.8E 33KM 12 10 55.3

1979 MAY 25 FOX ISLANDS, ALEUTIAN ISLANDS — MB=4.6(19)
E P 18 22 30 — D= 76.2 DEG AZ= 0; 52.9N; 167.1W 33KM H=10 10 43.7

1979 MAY 25 VOLCANO ISLANDS REGION — MB=5.5(104)
I P 18 27 50.9D 1.2 / 57 — D= 92.7 DEG AZ= 49; 24.1N; 142.2E 591KM H=10 10 41.0; 24.6N; 142.3E 650KM 10 10 47.3
E AP 30 02
E PP 31 43
E 36 47
E(SP) 39 19
E PS 40 37

1979 MAY 25 NEW BRITAIN REGION — MB=5.2(19)
E PKP 20 03 48 — D=122.0 DEG AZ= 50; 4.1S; 152.4E 24KM H=19 44 52.0; 4.0S; 151.9E 33KM 19 44 55.3

1979 MAY 25 HOKKAIDO, JAPAN, REGION — MB=5.3(74)
I P 21 22 55.1C 0.9 / 47 — D= 77.2 DEG AZ= 36; 42.2N; 143.0E 62KM H=22 11 06.6; 42.7N; 142.6E 3KM 22 11 02.4
E XP 23 17

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. ** — MB=3.8(1)
E 21 48 14 — D= 9.9 DEG AZ=154; 42.2N; 18.8E 10KM H=21 43 34.5; 42.1N; 18.8E 10KM 21 43 36.2
E 48 45
E 49 28

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. ** — NO MB COMP.
E 23 49 49 — D= 9.8 DEG AZ=154; 42.3N; 18.7E 10KM H=23 49 10.8; 42.2N; 18.7E 10KM 23 49 12.6

1979 MAY 26 OFF COAST OF CHIAPAS, MEXICO — MB=5.3(63)
I P AB 00 29 14.8D 1.8 / 49 — D= 88.9 DEG AZ=290; 13.5N; 92.3W 10KM H=00 16 18.1; (28.4N; 88.9W 3KM 00 17 26.7
I 29 25.1
I 29 34.8

1979 MAY 26 SOLOMON ISLANDS — MB=5.3(32)
E PKP 01 30 16 — D=124.8 DEG AZ= 49; 6.0S; 154.6E 110KM H=01 11 28.7; 5.8S; 154.8E 33KM 01 11 19.8

1979 MAY 26 NORTHEASTERN SOMALIA — MB=4.9(13)
E(P) 03 28 52 — D= 55.5 DEG AZ=137; 3.8N; 47.3E 35KM H=03 19 12.5; 3.4N; 48.5E 33KM 03 19 13.7

1979 MAY 26 TRACESI SOUTHERN IRAN — MB=4.3(9)
E P 07 10 47 — D= 35.1 DEG AZ=114; 29.7N; 50.3E 33KM H=07 05 54.8

1979 MAY 26 YUGOSLAVIA-ALBANIA COAST REG. ** — MB=3.8(1)
E 11 12 50 — D= 9.8 DEG AZ=154; 42.3N; 18.8E 10KM H=11 07 40.0; 42.2N; 18.8E 10KM 11 07 40.1

1979 MAY 26 TRACESI FOX ISLANDS, ALEUTIAN ISLANDS — MB=4.5(9)
E P 13 54 54 — D= 76.3 DEG AZ=360; 52.8N; 166.9W 26KM H=13 43 05.7

1979 MAY 26 SOUTH OF TONGA ISLANDS — MB=5.5(13)
I PKP1 14 45 05.1C 1.4 / 34 — D=153.9 DEG AZ= 17; 26.0S; 175.3W 33KM H=14 25 07.7
I PKP2 45 18.0

1979 MAY 26 NORTHERN ITALY FRIULI — NO MB COMP.
E SG 16 25 34 — D= 4.8 DEG AZ=177; 46.5N; 13.4E 10KM H=16 23 02.0; 46.4N; 13.3E 10KM 16 23 00.8

1979 MAY 26 NORTHERN ITALY FRIULI — NO MB COMP.
E SG 17 20 46 — D= 4.8 DEG AZ=177; 46.5N; 13.4E 10KM H=17 18 12.3; 46.5N; 13.3E 5KM 17 18 10.5

1979 MAY 26 NORTHERN ITALY FRIULI — NO MB COMP.
E SG 17 59 32 — D= 4.9 DEG AZ=178; 46.4N; 13.3E 10KM H=17 57 00.7; 46.4N; 13.3E 10KM 17 56 59.2

1979 MAY 26 TRACESI KERMADEC ISLANDS REGION — MB=4.8(4)
E PKP2 18 06 01 — D=158.0 DEG AZ= 31; 31.5S; 180 359KM H=17 46 12.2

1979 MAY 26 NORTHERN ITALY FRIULI — NO MB COMP.
E SG 18 10 09 — D= 4.9 DEG AZ=178; 46.4N; 13.2E 10KM H=18 07 34.2

1979 MAY 26 NORTHERN ITALY FRIULI — NO MB COMP.
E SG 19 08 42 — D= 4.9 DEG AZ=178; 46.4N; 13.2E 10KM H=19 06 08.1

1979 MAY 26 NORTHERN ITALY FRIULI — NO MB COMP.
E 19 11 53 — D= 5.1 DEG AZ=176; 46.2N; 13.5E 10KM H=19 09 25.4
E SG 12 06

1979 MAY 26 SWITZERLAND — NO MB COMP.
E 20 11 57 — D= 5.1 DEG AZ=217; 47.2N; 8.5E 32KM H=20 09 12.6
E SG 12 06

1979 MAY 26 TRACESI YUGOSLAVIA-ALBANIA COAST REG. ** — NO MB COMP.
E SG 20 49 45 — D= 9.5 DEG AZ=153; 42.7N; 18.8E 10KM H=20 44 36.3; 42.2N; 18.8E 6KM 20 44 31.6

1979 MAY 27 SOUTHERN GREECE — MB=4.9(27)
E(P) 03 24 35 1.5 / 33 — D= 10.8 DEG AZ=154; 36.5N; 21.6E 34KM H=03 20 47.5; 36.6N; 21.7E 47KM 03 20 51.7; 36.6N; 21.6E 33KM 03 20 47.5
E PP 24 48
E 28 04
E 29 08
L B 31.6

1979 MAY 27 TRACESI NORTHERN ITALY FRIULI
E SG 04 10 28

1979 MAY 27 IRAN — MB=4.7(33)
I P 06 50 24.3D 1.6 / 32 — D= 36.8 DEG AZ=102; 33.2N; 57.3E 10KM H=06 43 25.4 (Ù); 33.3N; 57.3E 10KM 06 43 17.7 (B); 33.2N; 57.2E 3KM 06 43 24.5 (M)

1979 MAY 27 NORTHERN ITALY FRIULI — NO MB COMP.
E SG 08 53 13 — D= 4.8 DEG AZ=176; 46.5N; 13.3E 10KM H=08 50 40.8 (B); 46.4N; 13.3E 10KM 08 50 39.7 (Ù)

1979 MAY 27 NORTHERN ITALY FRIULI — NO MB COMP.
E PG 08 54 44 — D= 4.8 DEG AZ=176; 46.5N; 13.3E 10KM H=08 53 14.4 (B); 46.4N; 13.3E 10KM 08 53 12.9 (Ù)
E SN 55 24
E SG 55 47

1979 MAY 27 DENTRECASTEAUX ISLANDS REGION — MB=5.4(27)
E PKP 12 15 40 — D=127.9 DEG AZ= 91; 9.8S; 154.2E 52KM H=11 56 32.5 (Ù); 9.7S; 154.2E 1KM 11 56 30.6 (M)
E APKP 15 46

1979 MAY 27 YUGOSLAVIA-ALBANIA COAST REG. ** — MB=3.3(2)
E SG 14 30 52 — D= 9.9 DEG AZ=154; 42.2N; 18.8E 10KM H=14 25 31.9 (Ù); 42.2N; 18.8E 10KM 14 25 33.2 (B)
E 31 27

1979 MAY 27
I P 14 40 33.2

1979 MAY 27 YUGOSLAVIA-ALBANIA COAST REG. ** — MB=4.2(2)
E PG 14 50 48 — D= 9.9 DEG AZ=154; 42.2N; 18.8E 10KM H=14 47 34.5 (Ù); 42.1N; 18.8E 10KM 14 47 36.1 (B); 42.2N; 18.8E 33KM 14 47 37.9 (M)
E 52 20
E SG 53 01

1979 MAY 27
E 15 34 55

1979 MAY 27 NORTHERN ITALY — NO MB COMP.
E(SG) 16 19 08 — D= 7.2 DEG AZ=181; 44.1N; 12.8E 13KM H=16 15 07.5 (Ù); 44.1N; 13.0E 15KM 16 15 08.5 (B)

1979 MAY 27
E 17 00 05

1979 MAY 27 KURILE ISLANDS — MB=4.8(31)
I P 17 29 59.3C 1.1 / 20 — D= 77.6 DEG AZ= 31; 44.2N; 149.3E 33KM H=17 18 05.2 (Ù); 45.1N; 148.8E 86KM 17 18 16.3 (M)
E AP 30 13

1979 MAY 27 TRACESI NORTHERN ITALY FRIULI
E SG 21 07 01

1979 MAY 27 TRACES
E 22 13 01

1979 MAY 28
E 00 07 54

1979 MAY 28 TONGA ISLANDS — MB=5.3(31)
I PKP1 00 21 39.7C 1.6 / 130 — D=145.6 DEG AZ= 14; 17.5S; 175.2W 275KM H=00 02 32.1 (Ù); 17.4S; 176.7W 253KM 00 02 31.5 (M)
I 22 01.6
E APKP 22 51

1979 MAY 28
I P 00 26 18.1D 1.1 / 17

1979 MAY 28 NEAR EAST COAST OF KAMCHATKA — MB=4.3(5)
E P 01 51 13 — D= 78.1 DEG AZ= 19; 55.7N; 161.1E 186KM H=01 40 20.4 (Ù)

1979 MAY 28
E 02 01 56

1979 MAY 28 SOUTH OF FIJI ISLANDS — MB=4.5(6)
I PKP1 04 31 15.8D 0.9 / 13 — D=150.4 DEG AZ= 25; 23.5S; 179.8E 527KM H=04 12 23.3 (Ù)

1979 MAY 28 TAIWAN REGION — MB=4.5(3)
E P 06 45 17 — D= 83.7 DEG AZ= 62; 22.2N; 121.4E 18KM H=06 32 47.1 (Ù)

1979 MAY 28 WESTERN TURKEY — MB=5.9(112) MPH =5.9 MPV =6.0 MPH =6.2 MPV =6.1 MPV =6.3
I P(1) AB 09 31 58.8C 1.5 / 1300 1.9 / 500 1.6 / (920) T 8 AN(5.9)AE(5.5)AV(8) — D= 20.1 DEG AZ=131; 36.4N; 31.8E 98KM H=09 27 32.4 (Ù); 36.6N; 31.8E 120KM 09 27 30.1 (B); 36.5N; 31.7E 120KM 09 27 34.5 (M); DISTANCE 2035 DEG DEPTH 00 KM
I P(2) 32 01.7 (1.5 / 2300)
E 32 11
I(PR) 32 13.2
I XP 32 29.4
E PPP AB 32 35
I 32 49
I 33 19
I 33 31
E S AB 35 37
E SS B 36 11
I SCP 39 38.0 1.9 / 255
LM B 40.3 T 12 AN 5.5 AE 5 AV 4.5 MLH =5.2 MLV =5.2
E SCS 43 18
E XSCS 44 02
I 10 15 35.9
FINAL 10 30

1979 MAY 28 POLAND, UPPER SILESIA
E 12 44 44

1979 MAY 28 YUGOSLAVIA-ALBANIA COAST REG. **
E 13 31 45
E 32 06
E 32 37
E SG 33 15
E B 33.4

NO MB COMP. D= 9.9 DEG AZ=155
42.2N; 18.7E 10KM H=18 27 53.1 (U)
42.2N; 18.8E 10KM 18 27 53.6 (M)
42.2N; 19.2E 33KM 18 27 58.7 (N)

1979 MAY 28
E(P) 13 34 19 D 1.8 / 56
I 34 32.4

DISTANCE 170 KM

1979 MAY 28 GERMAN DEMOCRATIC REPUBLIC
E PG 13 43 32
I SG 43 53.0

MB=5.1(95) D= 78.9 DEG AZ= 42
37.4N;136.8E 273KM H=16 39 34.2 (U)
38.0N;136.7E 300KM 16 39 39.6 (M)

1979 MAY 28 NEAR WEST COAST OF HONSHU, JAPAN
I P 14 51 08.9D 1.3 / 115
I AP 52 17.0
E PP 54 11

MB=5.8(68) D=104.8 DEG AZ=249
24.6S; 70.3W 63KM H=15 59 19.1 (U)
24.7S; 70.3W 60KM 15 59 19.0 (M)

1979 MAY 28 NEAR COAST OF NORTHERN CHILE
E P 15 13 20 1.7 / 26
I AP 13 38.1
E 16 50
E(PP) 17 53
LM B 55

1979 MAY 28
E 23 15 40

1979 MAY 28 YUGOSLAVIA-ALBANIA COAST REG. **
E 23 22 36

NO MB COMP. D= 10.3 DEG AZ=153
41.9N; 19.2E 10KM H=23 17 38.4 (U)
41.8N; 19.2E 10KM 23 17 40.1 (M)

1979 MAY 29 BURMA-INDIA BORDER REGION
E P 00 50 32
E 54 58
E S 59 13

MB=5.3(68) D= 66.2 DEG AZ= 80
24.5N; 94.7E 83KM H=00 39 52.1 (U)
24.3N; 94.9E 52KM 00 39 47.7 (M)

1979 MAY 29 TRACES! SOLOMON ISLANDS
E PKP 06 43 56

MB=5.1(9) D=128.4 DEG AZ= 45
7.9S;158.8E 47KM H=06 24 52.8 (U)

1979 MAY 29 YUGOSLAVIA-ALBANIA COAST REG. **
E SG 11 29 45

MB=3.9(1) D= 9.9 DEG AZ=154
42.2N; 18.8E 10KM H=22 24 23.9 (U)

1979 MAY 29 COLOMBIA
E P 13 11 27 1.2 / 17

MB=4.9(49) D= 85.2 DEG AZ=272
5.2N; 75.8W 119KM H=22 59 51.8 (U)

1979 MAY 29 CENTRAL YUGOSLAVIA
E(SG) 15 28 14

NO MB COMP. D= 7.5 DEG AZ=152
44.6N; 17.9E 10KM H=15 24 29.3 (U)

1979 MAY 29 NORTHERN YUGOSLAVIA
E 20 01 20
E SG 01 48

NO MB COMP. D= 6.1 DEG AZ=170
45.3N; 14.5E 10KM H=19 58 51.9 (U)
45.3N; 14.6E 10KM 19 58 53.4 (B)

1979 MAY 29 OFF COAST OF HOKKAIDO, JAPAN
E AP 21 25 42

MB=4.5(4) D= 78.2 DEG AZ= 33
42.8N;147.3E 33KM H=21 13 35.6 (U)

1979 MAY 29
I P 22 02 42.9

1979 MAY 29 FOX ISLANDS, ALEUTIAN ISLANDS
I P 22 05 21.8D 0.7 / 22

MB=4.9(54) D= 76.2 DEG AZ= 2
52.8N;170.9W 102KM H=21 53 43.9 (U)

1979 MAY 29 GREENLAND SEA
E(P) 22 28 22

/4.0(1)/ D= 22.3 DEG AZ=354
73.3N; 4.9E 0KM H=23 23 25 (T)

1979 MAY 29
E 23 05 16

1979 MAY 30 ASCENSION ISLAND REGION
E P 00 19 45

MB=4.6(15) D= 61.6 DEG AZ=208
6.8S; 11.6W 10KM H=00 09 26.1 (U)

1979 MAY 30
E 00 32 00

1979 MAY 30 TRACES
E 02 05 31

1979 MAY 30
E 02 21 11

1979 MAY 30 SOUTH OF HONSHU, JAPAN
I P 03 12 53.8C 1.0 / 21

MB=4.8(13) D= 85.8 DEG AZ= 42
32.2N;140.8E 51KM H=03 00 23.1 (U)

1979 MAY 30 YUGOSLAVIA-ALBANIA COAST REG. **
PARTIALLY INTERRUPTED BY PAPER CHANGE

MB=4.3(5)
E 05 40 44
E SN 42 19
E 42 43
E 43 27
E AB 43 50

D= 10.3 DEG AZ=154
41.9N; 19.0E 10KM H=05 38 00.1 (U)
41.9N; 19.1E 10KM 05 38 02.5 (B)
41.5N; 18.8E 33KM 05 37 56.8 (N)

1979 MAY 30 SOUTH OF FIJI ISLANDS
I PKP1 07 04 19.3D

/4.1(2)/ D=150.8 DEG AZ= 25
83.6S;170.9E 571KM H=06 49 26 (T)

1979 MAY 30 TRACES
E 07 24 53

1979 MAY 30
E 08 55 29

1979 MAY 30 TRACES! NEW BRITAIN REGION
E PKP 09 49 16

MB=4.9(4) D=122.7 DEG AZ= 55
6.7S;149.3E 42KM H=09 38 23.5 (U)

1979 MAY 30 BALI ISLANDS REGION
E(AP) 09 53 20
E 56 16
E PP AB 57 18
E SKS B 10 03 32
E PS B 06 28
E PKKP2 09 03
E 09 18
LM B 46 T 20 AN 2 AE 3 AV 4

MB=6.1(71) D=104.8 DEG AZ= 85
8.2S;115.0E 38KM H=09 38 52.9 (U)
8.2S;115.8E 3KM 09 38 49.4 (M)
DISTANCE 183 DEG
MLH =5.9 MLV =5.6

1979 MAY 30 BURMA
E AP 11 17 42

MB=4.4(36) D= 68.8 DEG AZ= 82
22.1N; 94.7E 122KM H=16 06 25.9 (U)
19.9N; 94.3E 100KM 11 08 56.8 (M)

1979 MAY 30 TRACES! KERMADEC ISLANDS
E PKP2 11 57 05

MB=4.4(4) D=157.9 DEG AZ= 25
30.3S;177.9W 140KM H=12 36 53.0 (U)

1979 MAY 30 WEST OF MACQUARIE ISLAND
E(PKP) 14 50 05

NO MB COMP. D=147.3 DEG AZ=113
52.0S;139.3E (10KM H=15 30 13.8)(U)

1979 MAY 30 SOUTH OF FIJI ISLANDS
I PKP1 14 59 30.6 0.7 / 17
E APKP 15 01 35

MB=4.9(11) D=151.8 DEG AZ= 28
24.4S;179.9E 526KM H=15 40 35.6 (U)

1979 MAY 30 NORTH ATLANTIC RIDGE
I P AB 16 18 47.3D 1.7 / 55
I AP 18 55.4
E 19 27
E PPP 22 20
E PS B 27.0
LM B 38 T 22 AN 1 AE 1.5 AV 1.5

MB=5.6(58) D= 58.9 DEG AZ=254
14.6N; 45.0W 10KM H=16 08 47.2 (U)
15.4N; 45.0W 3KM 16 08 49.4 (M)
DISTANCE 81 DEG
MLH =5.2 MLV =5.2

1979 MAY 30 TONGA ISLANDS REGION
E PKIKP AB 18 08 44
I PKP1 08 49.4C 1.7 / 160
I PKP2 08 56.1 1.2 / 66
I 09 01.6
E PP AB 12 23
E SKS B 15 45
E PSKS B 22.8
E SS B 31.8
LM B 19 26 T 17 AN 1 AE 1 AV 1.5
FINAL 20 30

MB=5.4(39) D=150.7 DEG AZ= 16
22.7S;175.3W 80KM H=18 49 55.0 (U)
22.7S;175.5W 3KM 18 48 55.3 (M)
DISTANCE 150 DEG
MC =5.5
MLH =5.7 MLV =5.8 (NO DEPTH CORRECTION)

1979 MAY 30 ALASKA PENINSULA
I P 19 31 32.7 1.0 / 27
I AP 32 21.5 1.3 / 51

MB=5.0(93) D= 72.6 DEG AZ=357
56.4N;161.7W 206KM H=20 20 27.5 (U)
56.5N;161.7W 219KM 19 20 29.1 (M)

1979 MAY 30
E 19 45 43

1979 MAY 30 CENTRAL YUGOSLAVIA
E 19 48 28
E SN 49 41
E SG 50 49

NO MB COMP. D= 9.8 DEG AZ=152
43.1N; 18.9E 10KM H=22 45 50.2 (U)
43.1N; 19.0E 10KM 19 45 52.0 (B)

1979 MAY 30 YUGOSLAVIA-ALBANIA COAST REG. **
E 22 30 14
E 31 04

NO MB COMP. D= 9.9 DEG AZ=155
42.2N; 18.7E 10KM H=22 25 25.8 (U)
42.1N; 18.8E 10KM 22 25 26.9 (B)

1979 MAY 30
E 23 25 57

1979 MAY 30 YUGOSLAVIA-ALBANIA COAST REG. **
E 23 32 40
E 33 51

MB=3.5(1) D= 9.9 DEG AZ=155
42.2N; 18.7E 10KM H=23 27 56.0 (U)
42.2N; 18.8E 10KM 23 27 57.5 (B)

1979 MAY 30 YUGOSLAVIA-ALBANIA COAST REG. **
E PN 23 49 41
E 51 30
E 51 54
E(SG) 52 43
E 53 04

MB=4.1(3) D= 9.8 DEG AZ=154
42.3N; 18.8E 10KM H=23 47 16.0 (U)
42.2N; 18.8E 10KM 23 47 17.8 (B)

1979 MAY 31 TRACES! MEDITERRANEAN SEA
E P 04 30 46

NO MB COMP. D= 17.9 DEG AZ=155
35.1N; 22.0E 0KM H=00 46 39 (T)

1979 MAY 31 NORTHERN ITALY
E SG 05 28 03
E 28 23

NO MB COMP. D= 9.2 DEG AZ=197
44.4N; 10.0E 24KM H=05 24 07.2 (U)
44.9N; 10.1E 10KM 05 28 07.7 (B)

1979 MAY 31 UNDERGROUND EXPLOSION
I P 06 02 37.4C 0.7 / 59
I 02 40.3
E 03 18
I PN 04 07.0

MB=5.2(55) D= 40.2 DEG AZ= 68
49.9N; 78.2E 0KM H=08 58 57.5 (U)

1979 MAY 31 TONGA ISLANDS REGION
E PKP1 06 05 35 1.8 / 56
E 06 18

MB=5.1(14) D=150.7 DEG AZ= 16
22.7S;175.8W 104KM H=05 45 54.7 (U)

1979 MAY 31 ROMANIA
E P AB 07 22 34 D 2.4 / 105
I 22 41.8
I PP 22 48.3
E AP 23 07
E S B 24 36
E(XS) B 25 07
  LM B 27 4 T 8 AN 1 AE 1.5 AV 1.5
I SCP 31 48.2

MB=5.1(75) MLH =4.4 (NO DEPTH CORRECTION)

D= 10.9 DEG AZ=118
45.6N; 26.3E 120KM H=07 28 [illegible]
45.6N; 26.3E 112KM 07 28 [illegible]
45.6N; 26.3E 113KM 07 28 [illegible]
DISTANCE 11 DEG DEPTH [illegible]

1979 MAY 31 POLAND, UPPER SILESIA
E 15 16 13

MB=5.2(7)

D=192.3 DEG AZ= 26
24.7S; 77.8W 33KM H=18 28 19.3

1979 MAY 31 SOUTH OF FIJI ISLANDS
E PKP1 16 46 12
E(PKP2) 46 19 1.5 / 69
  LM B 18 02

MB=4.5(8)

D= 76.6 DEG AZ= 27
46.6N; 53.8E 33KM H=16 58 19.6

1979 MAY 31 KURILE ISLANDS
E P 17 07 08

1979 MAY 31
E 17 10 33
E 10 45
E L 10 51

/4.3(1)/ D=155.9 DEG AZ= 20
28.2S; 76.2W 33KM H=20 18 09

1979 MAY 31 TRACES] KERMADEC ISLANDS REGION
E PKP2 20 34 26

1979 MAY 31
E 21 14 01

1979 JUN 01 POLAND, UPPER SILESIA
E 01 12 28

1979 JUN 01 KERMADEC ISLANDS
E PKP2 01 37 39

MB=4.5(2)

D=158.8 DEG AZ= 25
30.8S; 177.8W 84KM H=01 17 18.3 (U)

1979 JUN 01 TONGA ISLANDS
E PKP 02 29 37

MB=5.1(11)

D=148.8 DEG AZ= 10
[illegible]S; 173.1W 33KM H=02 10 04.5 (U)
14.5S; 173.4W 33KM 02 10 09.5 (M)

1979 JUN 01 TONGA ISLANDS REGION
I(PKP) 07 24 03.1D

/4.4(3)/ D=151.8 DEG AZ= 15
23.2S; 174.9W 33KM H=07 08 58 (T)

1979 JUN 01 YUGOSLAVIA-ALBANIA COAST REG. **
E 09 07 05
E 07 48

MB=3.4(1)

D= 10.5 DEG AZ=153
41.8N; 19.4E 10KM H=09 01 45.6 (U)
41.8N; 19.4E 10KM 09 01 47.7 (B)

1979 JUN 01 YUGOSLAVIA-ALBANIA COAST REG. **
E 09 31 42
E 33 50
E SG AB 34 24

NO MB COMP.

D= 0.8 DEG AZ=155
42.3N; 18.6E 10KM H=09 29 01.1 (U)
42.2N; 18.6E 10KM 09 29 01.8 (B)

1979 JUN 01 KURILE ISLANDS REGION
I P 11 06 34.7D 1.1 / 27
E 06 45
E 06 58

MB=4.8(31)

D= 76.5 DEG AZ= 26
47.0N; 154.0E 33KM H=10 54 47.1 (U)
47.4N; 153.6E 3KM 10 54 45.7 (M)

1979 JUN 01 CENTRAL ITALY
E SG 15 55 08
E 55 20

NO MB COMP.

D= 8.2 DEG AZ=181
43.1N; 12.9E 22KM H=15 50 38.9 (U)

1979 JUN 01 TAIWAN REGION
E P 17 16 56
E PP 20 09

MB=5.0(28)

D= 83.5 DEG AZ= 60
23.7N; 122.7E 33KM H=17 04 31.8 (U)
24.3N; 122.8E 33KM 17 04 34.6 (M)

1979 JUN 01 GUATEMALA
E P 17 19 32
E(PP) 23 16

MB=4.8(33)

D= 87.8 DEG AZ=290
14.4N; 91.8W 69KM H=17 08 49.0 (U)

1979 JUN 01 GREECE-ALBANIA BORDER REGION
I PP 21 06 51.9D 1.3 / 23
E 10 18
E 11 12
  LMH B 11.3
  L B 12.9

MB=4.7(10)

D= 18.1 DEG AZ=153
39.3N; 20.8E 51KM H=22 03 34.9 (U)
39.2N; 20.8E 51KM 22 03 36.5 (B)
38.9N; 20.2E 33KM 22 08 29.7 (M)

1979 JUN 01 TONGA ISLANDS
I PKP1 21 17 04.3D 1.5 / 25

MB=4.9(6)

D=148.9 DEG AZ= 13
20.2S; 174.0W 33KM H=20 57 18.4 (U)

1979 JUN 01
E 22 21 47
E 22 03

MB=4.5(5)

D= 39.6 DEG AZ=111
27.4N; 55.1E 33KM H=23 38 38.3 (U)
27.7N; 55.2E 99KM 23 38 48.4 (B)

1979 JUN 01 SOUTHERN IRAN
E P 23 46 08

MB=5.1(45)

D= 83.6 DEG AZ= 62
22.4N; 121.5E 22KM H=00 08 57.1 (U)
23.0N; 121.8E 33KM 00 09 01.6 (M)

1979 JUN 02 TAIWAN REGION
I P 00 21 24.9 1.5 / 34
  LM B 01 03

1979 JUN 02
E 02 04 44

MB=3.7(1)

D= 10.3 DEG AZ=153
41.9N; 19.2E 10KM H=02 52 50.1 (U)
41.9N; 19.4E 10KM 02 52 52.3 (B)

1979 JUN 02 YUGOSLAVIA-ALBANIA COAST REG. **
E 02 57 51
E SG 58 36

1979 JUN 02 AEGEAN SEA
E P 03 15 11
E S 17 28
E 19 24
E 19 35
  LM B 20

MB=4.1(23)

D= 18.4 DEG AZ=140
40.4N; 24.1E 10KM H=03 11 58.4 (U)
40.3N; 24.3E 10KM 03 12 00.6 (B)
40.7N; 24.4E 3KM 03 12 02.1 (M)

1979 JUN 02 CRETE
E P 05 57 39

MB=3.9(11)

D= 29.4 DEG AZ=145
34.4N; 26.2E 33KM H=05 53 12.3 (U)
34.4N; 26.4E 40KM 05 53 14.4 (B)

1979 JUN 02 WESTERN AUSTRALIA
E PKP 10 06 54
I 06 59.0 1.8 / 60
E 08 20
E PP AB 08 30
E PS B 18.3
E SS B 25.2
  LM B 11 01 T 20 AN 1.5 AE 3 AV 3
  FINAL 12

MB=6.0(59)

D=121.0 DEG AZ=101
30.8S; 117.2E 6KM H=09 47 58.1 (U)
30.8S; 116.8E 1KM 09 47 58.1 (M)
DISTANCE 121 DEG

MLH =5.9 MLV =5.6

1979 JUN 02 KERMADEC ISLANDS
I PKP2 13 39 42.3D

MB=5.2(6)

D=159.0 DEG AZ= 26
30.0S; 178.1W 50KM H=15 19 18.5 (U)

1979 JUN 02 SOUTH OF FIJI ISLANDS
I PKP1 15 46 42.5D 0.8 / 32
I PKP2 46 48.0D 1.1 / 16

MB=4.8(1)

D=159.7 DEG AZ= 19
23.0S; 176.0W 220KM H=15 27 11.9 (U)

1979 JUN 03 PUERTO RICO REGION
E P 04 24 16

MB=4.8(35)

D= 69.8 DEG AZ=274
19.5N; 69.4W 33KM H=04 18 19.5 (U)
20.4N; 69.8W 3KM 04 18 19.9 (M)

1979 JUN 03 YUGOSLAVIA-ALBANIA COAST REG. **
E PG 11 06 36 MB=4.5(27) D= 9.8 DEG AZ=155
E SG 08 39 42.3N; 18.6E 10KM H=12 03 24.2 (
E 09 12 42.2N; 18.7E 10KM 12 03 25.5 (

1979 JUN 03 POLAND, UPPER SILESIA
E SG 16 02 23 MB=4.5(21) D= 36.6 DEG AZ=102
33.5N; 57.3E 17KM H=12 38 46.8
33.6N; 57.3E 56KM 12 38 53.9
33.6N; 57.5E 33KM 12 38 50.0

1979 JUN 03 IRAN
E P 17 45 54

1979 JUN 03 TRACES
E 20 11 59 MB=4.5(8) D= 10.0 DEG AZ=154
42.1N; 18.8E 10KM H=02 51 42.3
42.1N; 18.8E 8KM 02 51 44.4
41.9N; 18.5E 44KM 02 51 42.8

1979 JUN 04 YUGOSLAVIA-ALBANIA COAST REG. **
E PN 02 54 09
E 55 31
E 56 27
E 56 38
E L AB 57 23 MB=3.4(2) D= 10.8 DEG AZ=154
42.1N; 18.8E 10KM H=03 24 13.8
42.1N; 18.8E 10KM 03 24 15.1

1979 JUN 04 YUGOSLAVIA-ALBANIA COAST REG. **
E 03 28 12
E 28 38

1979 JUN 04 NEAR COAST OF CHIAPAS, MEXICO
I P AB 06 39 26.4E 1.9 / 90 MB=5.7(84) D= 87.9 DEG AZ=293
I 40 11.0 15.7N; 93.6W 80KM H=06 26 42.7
S 40 54 15.8N; 93.7W 61KM 06 26 41.9
E SKS AB 49 47 DISTANCE 88 DEG
E S AB 50 06
I PKKP1 57 09.7
E PKPPKP 07 05 15
LM B 12

1979 JUN 04 POLAND, UPPER SILESIA NO MB COMP. D= 2.6 DEG AZ=149
E PG 08 26 16 (49.1N; 15.0E 0KM H=08 25 34
E SG 27 12

1979 JUN 04
E 09 18 13

1979 JUN 04 ADRIATIC SEA
E 10 14 54 NO MB COMP. D= 9.4 DEG AZ=170
E SG 15 50 42.0N; 15.2E 10KM H=10 10 32.5
41.9N; 15.3E 10KM 10 10 34.7

1979 JUN 04 KURILE ISLANDS
E P 11 51 17 MB=4.6(38) D= 76.3 DEG AZ= 29
46.2N; 151.0E 106KM H=11 39 39.0
46.1N; 151.0E 120KM 11 39 39.4

1979 JUN 04 TRACES; KURILE ISLANDS
E 15 17 26 MB=4.5(8) D= 75.7 DEG AZ= 26
47.9N; 154.1E 33KM H=15 05 16.7

1979 JUN 04
E 16 55 37

1979 JUN 04 TRACES; FOX ISLANDS, ALEUTIAN ISLANDS
E P 20 50 47 MB=4.6(19) D= 76.1 DEG AZ= 0
53.0N; 167.1W 33KM H=20 39 01.0

1979 JUN 05 KURILE ISLANDS
E AP 07 53 41 MB=4.7(4) D= 77.5 DEG AZ= 31
44.3N; 149.2E 33KM H=07 41 33.4

1979 JUN 05 KOMANDORSKY ISLANDS REGION
E P 10 38 21 MB=4.5(6) D= 71.4 DEG AZ= 17
55.0N; 164.4E 33KM H=10 27 02.7

1979 JUN 05 YUGOSLAVIA-ALBANIA COAST REG. **
E 12 52 34 MB=4.1(1) D= 9.8 DEG AZ=154
E 54 41 42.3N; 18.8E 10KM H=12 49 56.5
E SG 55 16 42.2N; 18.8E 3KM 12 49 56.7
L R 55.5

1979 JUN 05 YUGOSLAVIA-ALBANIA COAST REG. **
E SG 13 06 33 NO MB COMP. D= 10.1 DEG AZ=155
42.0N; 18.7E 10KM H=13 01 00.8
42.2N; 18.8E 10KM 13 01 01.8

1979 JUN 05
E 19 52 53

1979 JUN 05
E 22 55 11
E 57 00

1979 JUN 06 SOUTH OF FIJI ISLANDS
I PKP1 00 28 19.4E 1.0 / 39 MB=5.0(3) D=150.9 DEG AZ= 25
E PKP2 28 29 23.9S; 179.8W 478KM H=00 09 17.3

1979 JUN 06 TRACES; PANAMA
E 00 45 56 MB=4.5(6) D= 86.3 DEG AZ=278
7.7N; 80.6W 95KM H=00 33 11.3

1979 JUN 06 TONGA ISLANDS
E PKP1 AB 00 51 18 1.3 / 38 MB=5.3(17) D=147.6 DEG AZ= 11
I 51 36.8 1.9 / 83 19.2S; 173.4W 57KM H=00 31 40.1
E 52 02 18.8S; 174.4W 3KM 00 31 36.1
LM B 01 02 T 18 AN 0.5 AE 0.5 AV 0.5

1979 JUN 06 TRACES; FIJI ISLANDS REGION MB=4.0(1) D=149.8 DEG AZ= 22
I PKP1 02 46 53.8 17.7S; 179.8W 604KM H=02 28 22.2 (U)

1979 JUN 06 FIJI ISLANDS REGION MB=4.4(5) D=149.5 DEG AZ= 20
I PKP1 08 01 22.1C 1.1 / 21 18.0S; 178.9W 608KM H=02 42 50.4 (U)

1979 JUN 06 CENTRAL MID-ATLANTIC RIDGE MB=4.7(25) D= 60.8 DEG AZ=244
E P 08 41 15 8.4N; 38.8W 10KM H=08 31 09.3 (U)

1979 JUN 06 NEAR COAST OF SOUTHERN CHILE MB=5.5(10) D=129.5 DEG AZ=230
I PKP 11 13 27.8 1.6 / 39 52.8S; 75.1W 33KM H=10 54 26.3 (U)
E 13 35 D 53.0S; 76.8W 3KM 10 54 20.9 (M)
E 14 15

1979 JUN 06 NORTH ATLANTIC RIDGE MB=5.3(68) D= 60.1 DEG AZ=251
I P AB 11 46 36.1D 1.4 / 89 12.1N; 43.8W 10KM H=11 36 26.7 (U)
LM B 12 07 T 21 AN 0.5 AE 1 AV 1.5 12.3N; 43.9W 3KM 11 36 26.3 (M)

1979 JUN 06 ROMANIA MB=3.4(2) D= 10.9 DEG AZ=115
E(SG) 12 05 35 45.8N; 27.2E 93KM H=11 59 16.0 (U)
45.9N; 27.4E 21KM 11 59 16.0 (B)
45.7N; 27.8E 7KM 11 59 14.0 (M)

1979 JUN 06 SOUTH OF FIJI ISLANDS MB=4.8(4) D=151.6 DEG AZ= 26
I PKP1 13 07 11.9D 1.1 / 19 24.7S; 180 519KM H=12 48 16.2 (U)

1979 JUN 06 TRACES; YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.8(1) D= 9.9 DEG AZ=155
E L 15 33 39 42.2N; 18.7E 10KM H=15 27 59.9 (U)
42.1N; 18.8E 10KM 15 27 57.3 (B)

1979 JUN 06 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.2(1) D= 10.4 DEG AZ=153
E L 16 26 07 41.8N; 19.3E 10KM H=16 20 13.9 (U)
41.8N; 19.4E 10KM 16 20 15.6 (B)

1979 JUN 06 EASTERN CAUCASUS MB=4.4(7) D= 28.3 DEG AZ= 99
E P 17 36 08 42.3N; 46.3E 69KM H=17 30 55.6 (U)
42.3N; 46.1E 15KM 17 30 49.6 (M)

1979 JUN 06
E 20 34 43

1979 JUN 06 WESTERN POLAND
I PN 20 42 16.3
I SG 42 43.2

1979 JUN 07
E 00 00 29

1979 JUN 07
E 00 08 29

1979 JUN 07
E 00 46 57

1979 JUN 07 OFF EAST COAST OF HONSHU, JAPAN MB=4.8(15) D= 81.1 DEG AZ= 38
E AP 06 03 38 37.7N; 142.9E 33KM H=05 51 17.0 (U)
LM B 42 37.1N; 14.3E 200KM 32 55 10.7 (B)

1979 JUN 07 SOUTH OF FIJI ISLANDS MB=4.3(2) D=151.2 DEG AZ= 25
I PKP1 06 13 50.7 0.8 / 15 24.3S; 179.9E 538KM H=05 58 55.7 (U)

1979 JUN 07 NORTHERN ITALY FRIULI NO MB COMP. D= 8.9 DEG AZ=178
E SG 07 47 05 46.4N; 13.2E 10KM H=07 44 31.3 (U)

1979 JUN 07 OFF COAST OF OREGON MB=4.9(17) D= 79.4 DEG AZ=332
E(P) 10 02 44 43.5N; 127.1W 15KM H=09 50 30.4 (U)

1979 JUN 07
E 23 45 11

1979 JUN 08 POLAND, UPPER SILESIA
E 03 48 18

1979 JUN 08 BURMA MB=4.6(14) D= 66.6 DEG AZ= 78
E P 07 09 12 25.4N; 96.5E 33KM H=06 58 21.2 (U)
25.1N; 97.1E 33KM 06 58 17.7 (M)

1979 JUN 08
E 12 40 47

1979 JUN 08 TONGA ISLANDS /4.4(1)/ D=148.7 DEG AZ= 14
I PKP1 17 25 39.8C 20.6S; 174.8W (195KM H=17 06 01)(1)

1979 JUN 09 NICOBAR ISLANDS REGION MB=5.2(72) D= 79.0 DEG AZ= 92
I P 20 48 31.2D 1.3 / 34 7.3N; 94.4E 133KM H=20 38 40.6 (U)
7.4N; 94.4E 130KM 20 38 40.0 (M)

1979 JUN 09
E 04 26 30

1979 JUN 09 NORTH ATLANTIC RIDGE MB=5.2(61) D= 60.5 DEG AZ=250
I P 06 41 57.9D 1.5 / 40 11.8N; 43.7W 10KM H=06 31 47.0 (U)
E AP 42 10 12.5N; 43.7W 3KM 06 31 46.9 (M)
LM B 07 03

1979 JUN 09 NORTH OF SEVERNAYA ZEMLYA MB=4.8(19) D= 41.1 DEG AZ= 10
E P 06 43 26 83.1N; 17.7E 10KM H=06 38 41.1 (U)

1979 JUN 09 FIJI ISLANDS REGION — NO MB COMP.
I PKP1 18 35 15.7 — MB=4.9(21) — D=146.2 DEG AZ= 18 — 18.4S 177.3W 603KM H=18 16 58.7

1979 JUN 10 SOUTH ATLANTIC RIDGE — D= 75.4 DEG AZ=203
E P 03 35 31 1.7 / 21 — MB=5.0(12) — 19.0S 12.3W 10KM H=03 28 56.8

INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 05H 42M TO 06H 04M (AT JUN 11)

1979 JUN 10 SOUTHERN PACIFIC OCEAN — D=129.8 DEG AZ=259
E PKP 06 52 05 — MB=5.0(12) — 36.3S 98.0W 10KM H=06 32 50.8
E 52 56

1979 JUN 10 CENTRAL MID-ATLANTIC RIDGE — D= 60.1 DEG AZ=243
I P AB 07 00 01.1C 2.0 / 260 — MB=5.9(88) — 8.1N 38.1W 10KM H=06 49 51.9
E PP B 02 14 — MPV =5.9 — 9.2N 37.9W 3KM 06 49 57.4
E PPP 03 25 — DISTANCE 61 DEG
E PPPP B 04 08
E S B 08 16
E B 09 59
L B 20 T 22 AN 11.5 AE 8 AV 11
LM B 24 T 18 AN 7 AE 9.5 AV 11.5 MLH =6.0 MLV =6.3
FINAL 08 30

1979 JUN 10 FIJI ISLANDS REGION — MB=5.1(2) — D=145.5 DEG AZ= 20
I PKP1 11 20 00.0 0.9 / 13 — 17.8S 178.6W 564KM H=18 01 23.2

1979 JUN 10 NORTHWEST OF KURILE ISLANDS — MB=4.9(76) — D= 74.9 DEG AZ= 30
I P 17 07 10.5C 1.2 / 61 — 46.9N 148.2E 295KM H=18 56 01.6
E 07 23 — 47.7N 147.2E 250KM 18 55 58.6

1979 JUN 10 PANAMA-COSTA RICA BORDER REGION — MB=5.0(9) — D= 87.4 DEG AZ=280
E P 18 15 39 — 8.1N 82.9W 19KM H=18 02 51.8

1979 JUN 10 SOUTH PACIFIC CORDILLERA — MB=5.5(3) — D=159.2 DEG AZ=248
E PKIKP AB 22 07 18 — 54.3S 132.8W 10KM H=21 47 19.6
E PP AB 11 36
E B 13 32
LM B 23 13

1979 JUN 11 FIJI ISLANDS REGION — MB=4.7(2) — D=146.0 DEG AZ= 19
I PKP1 00 31 44.6C 1.0 / 28 — 18.4S 178.1W 599KM H=00 15 08.8

INTERRUPTION OF SOME SHORTPERIODIC RECORDS FROM 05H 47M TO 06H 46M (AT JUN 12)

1979 JUN 11 HONSHU, JAPAN — MB=4.7(34) — D= 79.8 DEG AZ= 41
I P 08 03 55.9C — 37.5N 139.1E 162KM H=07 52 04.7
37.7N 138.9E 153KM 08 52 04.6

1979 JUN 11
I P 08 21 18.8

1979 JUN 11 UNDERGROUND EXPLOSION >PEPATO< — MB=5.5(62) — D= 81.8 DEG AZ=322
I P 14 12 18.2C 1.2 /(63) — 37.3N 116.5W 0KM H=16 00 00.2

1979 JUN 11 TIBET — MB=4.7(36) — D= 50.3 DEG AZ= 81
E P 15 55 47 — 34.9N 80.8E 33KM H=15 46 51.9
LMW B 16 15 T 18 AN 1 AE 0.5 — 34.8N 80.9E 3KM 15 46 46.9
LMV B 19 T 18 AV 0.5

1979 JUN 11
E 18 53 11

1979 JUN 11 NEW BRITAIN REGION — MB=5.5(30) — D=122.8 DEG AZ= 51
I PKP 19 33 06.5C 0.7 /(32) — 5.1S 152.1E 73KM H=19 14 17.6
E XPKP 33 37 — 4.9S 151.8E 94KM 19 18 20.9
LM B 20 32 T 18 AN 0.5 AE 0.5 AV 1

1979 JUN 11 MONGOLIA — MB=4.5(18) — D= 51.6 DEG AZ= 63
E P 21 11 04 — 45.1N 93.8E 33KM H=22 01 58.0
E 12 08 — 46.2N 92.0E 33KM 22 02 02.3

1979 JUN 11 YUGOSLAVIA-ALBANIA COAST REG. ** — MB=3.2(2) — D= 9.9 DEG AZ=155
E L 23 41 39 — 42.2N 18.7E 10KM H=23 38 08.2

1979 JUN 12 ATLANTIC-INDIAN RISE — MB=5.4(39) — D= 91.6 DEG AZ=143
E P AB 00 09 02 2.0 /(130) — 31.6S 58.0E 10KM H=23 55 54.4
E(S) B 20.0 — 31.6S 57.8E 3KM 23 55 53.0
LM B 55 T 18 AN 0.5 AE 0.5 AV 0.5

1979 JUN 12 KURILE ISLANDS — MB=4.9(58) — D= 77.7 DEG AZ= 30
I P 04 28 56.7C 0.9 /(53) — 44.2N 149.8E 47KM H=06 17 03.8
E AP 29 09 — 44.6N 149.7E 51KM 06 17 09.3

1979 JUN 12
E 11 04 36

1979 JUN 12
E 12 06 31

1979 JUN 12 TRACES! PANAMA — MB=4.7(7) — D= 86.5 DEG AZ=277
E(P) 19 07 10 — 7.4N 80.6W 33KM H=18 58 27.1

1979 JUN 12 FIJI ISLANDS REGION — MB=4.4(4) — D=143.8 DEG AZ= 18
E PKP 19 45 03 — 16.1S 177.8W 495KM H=18 26 21.9

1979 JUN 12 POLAND, UPPER SILESIA
E 19 52 21

1979 JUN 12 FOX ISLANDS, ALEUTIAN ISLANDS — MB=4.3(22) — D= 76.1 DEG AZ= 0
I P 22 32 10.4C — 53.0N 167.1W 40KM H=22 28 25.9 (U)
52.3N 167.8W 49KM 22 28 23.1 (M)

1979 JUN 12 SOUTH SANDWICH ISLANDS REGION — MB=5.8(13) — D=112.2 DEG AZ=203
E 23 29 46 — 56.0S 27.9W 132KM H=23 12 02.7 (U)
E PP 30 09 — 56.5S 30.8W 63KM 23 12 52.4 (M)
E PKKP 40 21 FOR THIS PHASE THE ISC GIVES A NEW QUAKE (SEA OF OKHOTSK).
THE SEEMING EPICENTRE IS SITUATED NEAR THE SAME GREAT CIRCLE AS PKKP WAVE PATH.

1979 JUN 13 W-HUNGARY (A)
E 01 01 23
E 01 36
E SG 01 46

1979 JUN 13 SOUTHWEST OF SUMATERA — MB=5.3(48) — D= 87.1 DEG AZ= 95
I P 01 37 16.1C — 0.9S 97.3E 36KM H=01 28 32.5 (U)
E AP 37 27 — 0.9S 97.3E 33KM 01 28 32.0 (M)

1979 JUN 13 YUGOSLAVIA-ALBANIA COAST REG. ** — MB=3.6(1) — D= 9.9 DEG AZ=154
E 06 54 18 — 42.2N 18.8E 10KM H=06 51 25.2 (U)
E 56 12 — 42.0N 18.8E 10KM 06 51 25.1 (B)
E SG 56 56
LM B 57

1979 JUN 13 TIBET — MB=4.7(20) — D= 58.9 DEG AZ= 76
E P 09 21 42 — 32.4N 92.0E 33KM H=09 11 44.8 (U)
32.3N 92.0E 3KM 09 11 40.2 (M)

1979 JUN 13
LMV B 10 50

1979 JUN 13 KURILE ISLANDS — /4.7(6)/ D= 77.6 DEG AZ= 31
E P 11 10 18 — 44.2N 149.4E 45KM H=10 58 26.4 (I)

1979 JUN 13 EAST PAPUA NEW GUINEA REGION — MB=5.9(69) — D=121.9 DEG AZ= 57
I PKP 11 12 42.8D 1.1 / 85 — 6.5S 147.3E 81KM H=10 53 57.3 (U)
E APKP 13 04 — 6.4S 147.2E 60KM 10 53 55.2 (M)
E PKKP 22 44
LMW B 56 T 22 AN 1 AE 0.5

1979 JUN 13 SOUTH OF FIJI ISLANDS — MB=4.6(2) — D=150.8 DEG AZ= 25
I PKP1 19 02 25.2C 0.9 / 17 — 23.8S 179.9W 553KM H=18 48 31.5 (U)
E APKP 04 30

1979 JUN 13
E 21 32 03
E 32 12

1979 JUN 13
E 22 36 55

1979 JUN 14 SAMOA ISLANDS REGION — MB=5.2(14) — D=142.8 DEG AZ= 14
E PKP 03 17 23 1.4 / 16 — 14.7S 175.8W 33KM H=02 57 52.6 (U)
14.1S 175.1W 3KM 02 57 48.9 (M)

1979 JUN 14 LOYALTY ISLANDS REGION — NO MB COMP. — D=148.7 DEG AZ= 39
I PKP 05 36 31.0C 1.7 / 32 — 21.7S 170.7E 138KM H=05 17 08.9 (U)

1979 JUN 14
E 06 56 17

1979 JUN 14 FIJI ISLANDS REGION — MB=5.2(19) — D=148.4 DEG AZ= 21
E PKIKP 10 01 00 — 21.0S 178.8W 580KM H=09 42 22.6 (U)
I PKP1 01 04.8D 1.1 / 75 — DISTANCE 148 DEG DEPTH 550 KM
I PKP2 01 10.3C 0.9 / 39 — MC =4.9
E APKP 03 16

1979 JUN 14 AEGEAN SEA — MB=5.8(106) — D= 19.7 DEG AZ=138
I P(1) 11 48 25.9D 1.8 / 32 — 38.8N 26.5E 23KM H=11 44 45.9 (U)
I P(2) AB 48 29.5 1.6 / 195 — 38.9N 26.5E 27KM 11 44 49.0 (B)
I PP 48 34 1.9 / 980 — 38.9N 26.5E 3KM 11 44 43.4 (M)
E S B 51 26 T 8 AN 4.4 AE 3.4 AV 3.4 (MSH =7.0) — DISTANCE 16 DEG
LM B 53 T 18 AN 25 AE 39
LM B 55 T 9 AN 19.5 AE 24 AV 28 MLH =5.8 MLV =5.9
FINAL 13

1979 JUN 14 AEGEAN SEA — MB=4.2(21) — D= 19.8 DEG AZ=137
E P 13 04 42 1.6 / 31 — 38.8N 26.7E 33KM H=13 00 59.7 (U)
LM B 11 — 38.8N 26.8E 16KM 13 00 59.7 (B)
38.9N 27.1E 3KM 13 00 58.4 (M)

1979 MAR 14
E 15 31 16
E 31 25

1979 JUN 14 TRACES! NEW HEBRIDES ISLANDS — MB=5.2(6) — D=141.8 DEG AZ= 48
E PKP 22 16 48 — 17.7S 169.8E 27KM H=22 57 16.3 (U)

1979 JUN 14 POLAND, UPPER SILESIA
E 22 25 55

1979 JUN 15 NEW HEBRIDES ISLANDS — MB=4.0(4) — D=142.8 DEG AZ= 39
E PKP 00 57 28 — 19.0S 169.4E 254KM H=00 38 27.7 (U)

1979 JUN 15 SAMOA ISLANDS REGION — MB=5.1(10) — D=142.8 DEG AZ= 14
E PKP 03 52 28 — 14.7S 175.8W 33KM H=03 32 57.7 (U)
E 53 21

1979 JUN 15 YUGOSLAVIA-ALBANIA COAST REG. **
E 09 46 03
E SG 46 47 MB=5.0(11) D= 85.4 DEG AZ= 55
24.9N;128.6E 33KM H=12 32 03.5 (

1979 JUN 15 RYUKYU ISLANDS REGION
E P 10 44 40 MB=5.0(10) D=154.0 DEG AZ= 23
26.6S;177.8W 216KM H=11 16 13.0 (

1979 JUN 15 SOUTH OF FIJI ISLANDS
E PKP1 11 35 47 1.2 / 14
I PKP2 36 01.5C 1.5 / 36 MB=5.6(68) D= 18.2 DEG AZ=149
35.0N; 24.2E 33KM H=11 34 15.6 (
35.0N; 24.2E 51KM 11 34 20.1 (
35.1N; 24.2E 40KM 11 34 16.3 (
DISTANCE 19 DEG

1979 JUN 15 CRETE
I P AB 11 38 27.0 1.3 / 290
I 38 38.0
I 38 44.6
E S B 41 58
LH B 45 0
I SCP 46 33.2C
LM B 47 T 12 AN 2.5 AE 2.5 AV 4.5 MLH =4.9 MLV =5.1

1979 JUN 15 WESTERN POLAND
I PN 22 41 29.7
I SG 41 34.8
E 41 56
I SG 42 00.0
I 42 05.4 MB=4.8(39) D=218 KM AZ= 84
51.4N;16.1E H=22 40 57 (
DISTANCE 220 KM

1979 JUN 15 NORTH OF FRANZ JOSEF LAND
E P 23 26 45 1.4 / 16 D= 35.6 DEG AZ= 2
86.4N; 36.4E 10KM H=23 19 45.3 (
86.0N; 31.9E 10KM 23 19 51.4 (
86.3N; 38.1E 3KM 23 19 44.8 (

1979 JUN 16
E 09 49 22

1979 JUN 16 SOUTH OF FIJI ISLANDS MB=4.8(4) D=149.3 DEG AZ= 23
E PKIKP 10 58 32 22.2S;179.6W 586KM H=10 39 54.3 (
I PKP1 58 37.9C 1.0 / 55 DISTANCE 149 DEG DEPTH 580 KM
I PKP2 58 44.7 1.0 / 29 MC =4.9
E APKP 11 00 55

1979 JUN 16 WINDWARD ISLANDS MB=4.5(32) D= 69.6 DEG AZ=267
E P 12 52 13 13.8N; 61.4W 171KM H=12 41 20.9 (

1979 JUN 16 TRACES; MOROCCO MB=4.0(9) D= 22.7 DEG AZ=223
E P 13 56 46 33.0N; 5.3W 10KM H=13 51 41.5 (
32.6N; 5.7W 10KM 13 51 39.9 (

1979 JUN 16
E 15 10 20

1979 JUN 16 AEGEAN SEA MB=4.8(71) D= 15.8 DEG AZ=138
I P AB 18 45 44.4 38.7N; 26.6E 18KM H=18 42 00.3 (
I 45 50.7 1.8 / 115 38.8N; 26.8E 14KM 18 42 01.8 (
E 47 08 38.8N; 26.6E 3KM 18 41 58.3 (
I 48 24.1 DISTANCE 16 DEG
I 48 45.0
E S AB 48 47
LMH B 51.0 T 17 AN 6.5 AE 9.5 MLH =5.1
LMV B 52.8 T 12 AN 6.5 AE 2 AV 5.5 MLV =5.1

1979 JUN 16 CENTRAL ITALY NO MB COMP. D= 8.1 DEG AZ=181
E SN 19 33 35 43.2N; 12.8E 14KM H=19 30 03.0 (
E 33 58 43.2N; 12.8E 3KM 19 30 04.0 (
E 34 11
E SG 34 41
E 35 04

1979 JUN 16 POLAND, UPPER SILESIA
E SG 19 49 17 D=428 KM AZ=102
50.3GN;18.8E H=19 47 11.5 M

1979 JUN 16 MINAHASSA PENINSULA
E(AP) 23 16 36 MB=4.9(22) D=102.3 DEG AZ= 73
0.7N;123.8E 233KM H=23 02 19.3 (
0.1N;123.7E 33KM 23 01 53.9 (

1979 JUN 17 CENTRAL ITALY NO MB COMP; D= 8.2 DEG AZ=181
E SN 04 33 12 43.1N; 12.8E 10KM H=04 49 38.6 (
E 33 31 43.1N; 12.8E 2KM 04 49 39.6 (
E SG 34 20

1979 JUN 17 TRACES; SOUTHWEST OF SUMATERA MB=5.4(35) D= 93.4 DEG AZ= 96
E P 15 10 02 6.3S;100.6E 33KM H=14 56 49.2 (
6.1S;100.4E 33KM 14 56 50.2 (

1979 JUN 17 TRACES; SOUTHEASTERN ALASKA MB=4.4(8) D= 66.9 DEG AZ=346
E 18 09 21 60.2N;140.9W 19KM H=17 58 20.4 (

1979 JUN 17 CHILE-BOLIVIA BORDER REGION MB=5.3(66) D= 99.8 DEG AZ=252
E P 19 47 07 19.2S; 68.9W 116KM H=19 33 32.7 (
E AP 47 38 19.7S; 69.8W 52KM 19 33 24.1 (
E 50 26
E PP 51 08

1979 JUN 17 AEGEAN SEA MB=4.3(30) D= 15.8 DEG AZ=137
E P 23 12 21 38.8N; 26.7E 23KM H=23 08 38.1 (
E 12 26 1.8 / 52 38.8N; 26.7E 5KM 23 08 38.3 (
LMH B 17 T 17 AN 0.5 AE 1 39.0N; 26.7E 33KM 23 08 40.5 (
L B 19

1979 JUN 17 TRACES
E 23 27 42

1979 JUN 18 TRACES; NEAR S. COAST OF HONSHU, JAPAN MB=4.6(8) D= 81.6 DEG AZ= 41
E P 07 21 55 35.6N;139.5E 130KM H=08 09 51.2 (U)

1979 JUN 18 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 19.9 DEG AZ=156
E 09 59 28 42.2N; 18.7E 10KM H=08 58 47.4 (U)
E 10 01 35 42.1N; 18.7E 10KM 08 58 49.1 (S)
E B 02.3
E L 02 35

1979 JUN 18 SOUTHERN YUGOSLAVIA NO MB COMP; D= 19.2 DEG AZ=154
E 16 32 55 42.9N; 18.5E 10KM H=16 28 00.1 (U)
E SG 33 08 42.8N; 18.5E 10KM 16 28 01.2 (S)

1979 JUN 19 NORTHEASTERN CHINA MB=5.0(64) D= 66.9 DEG AZ= 59
I P 04 26 07.2C 1.4 / 27 37.2N;111.8E 33KM H=04 19 16.5 (U)
E 26 14 36.9N;112.0E 3KM 04 19 10.4 (N)
E PP 28 36
LM B 37 T 13 AN 1 AE 1 AV 1

1979 JUN 19 NEAR COAST OF NICARAGUA MB=4.9(29) D= 87.1 DEG AZ=285
E P 07 07 01 11.4N; 86.6W 65KM H=06 58 21.9 (U)

1979 JUN 19 NORTHERN ITALY FRIULI NO MB COMP; D= 9.0 DEG AZ=178
I PN 10 04 31.0 0.3 / 50 46.3N; 13.2E 10KM H=10 03 15.7 (S)
I 04 51.6 46.3N; 13.2E 8KM 10 03 14.3 (U)
E SN 05 28 DISTANCE 5.0 DEG
E SG 05 55
LM B 06.5

1979 JUN 19 FIJI ISLANDS REGION MB=5.1(29) D=149.1 DEG AZ= 23
E PKIKP 12 08 22 21.9S;179.5W 586KM H=12 49 44.1 (U)
I PKP1 08 27.8C 1.2 / 61 DISTANCE 149 DEG DEPTH 610 KM
I PKP2 08 34.3 1.0 / 19 MC =4.7
E APKP 10 49

1979 JUN 19 NEPAL-INDIA BORDER REGION MB=5.1(68) D= 60.1 DEG AZ= 84
E P 16 39 18 26.7N; 87.5E 24KM H=16 29 11.6 (U)
E 39 28 27.0N; 87.8E 49KM 16 29 16.2 (N)

1979 JUN 19 NEW HEBRIDES ISLANDS MB=5.6(45) D=137.8 DEG AZ= 39
E(PKHKP) 17 49 25 14.9S;167.2E 122KM H=17 30 20.8 (U)
I PKIKP AB 49 32.8 1.0 / 51 14.8S;166.5E 126KM 17 30 22.8 (N)
E APKP 50 07 DISTANCE 137 DEG
E 50 55
E PP AB 52 21
E SKP 52 57
E PKS AB 53 07
E B 53 52
E SKKP 18 01 49

1979 JUN 19 CENTRAL YUGOSLAVIA NO MB COMP. D= 8.0 DEG AZ=156
E SN 18 50 50 43.9N; 17.4E 10KM H=18 47 26.8 (U)
E 51 23 43.8N; 17.5E 10KM 18 47 27.7 (S)

1979 JUN 19 POLAND, UPPER SILESIA
E 20 28 17

1979 JUN 19 AEGEAN SEA MB=4.4(38) D= 15.8 DEG AZ=138
E P 23 13 40 38.7N; 26.8E 23KM H=23 09 57.2 (U)
E 13 47 1.9 / 76 38.7N; 26.7E 3KM 23 09 57.2 (S)
LMH B 18.8 T 17 AN 1 AE 1.5 39.0N; 26.7E 60KM 23 10 02.3 (N)
L B 20.7 T 11 AN 1 AE 0.5 AV 1

1979 JUN 20 SPAIN MB=4.6(9) D= 18.5 DEG AZ=226
I P 00 13 17.6 37.3N; 3.5W 59KM H=00 09 05.3 (U)
E 13 40 37.2N; 3.5W 37KM 00 09 06.5 (S)
E LG1 18 41

1979 JUN 20 FIJI ISLANDS REGION MB=4.7(4) D=145.5 DEG AZ= 20
I PKP1 07 51 17.7C 1.1 / 24 18.0S;178.5W 608KM H=07 32 45.9 (U)

1979 JUN 20 HINDU KUSH REGION MB=5.3(56) D= 43.1 DEG AZ= 87
I P 12 04 01.3 1.9 / 64 36.4N; 70.7E 206KM H=11 55 20.9 (U)
E AP 04 45 36.2N; 70.9E 185KM 11 56 17.3 (N)
E B 06 50
I 07 49.8
I 08 37.7
E S B 10 11
E SS B 13 32
E XSS 14 16

1979 JUN 20
E 15 46 46

1979 JUN 20
E 17 18 25

1979 JUN 20 FIJI ISLANDS REGION MB=4.7(2) D=148.6 DEG AZ= 21
I PKP1 17 24 32.1D 0.8 / 19 21.1S;178.3W 520KM H=18 09 42.9 (U)
I PKP2 24 37.3
I 24 48.4

1979 JUN 20 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.7(14) D= 8.9 DEG AZ=155
E PN 21 20 46 42.2N; 18.7E 10KM H=22 18 18.1 (U)
E 23 07 42.2N; 18.7E 8KM 22 18 20.2 (S)
E 23 17 42.1N; 18.8E 33KM 22 18 19.2 (N)
E SG AB 23 48

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                                                                                                                    MB=5.2( 1)          D=153.0 DEG  AZ=119
                                                                                                                                        56.6S;147.3E    10KM H=21 46 82.6
1979 JUN 20   WEST OF MACQUARIE ISLAND
E PKP1      22 06 34
E             07 06                                                                                                 MB=4.3( 8)          D= 15.9 DEG  AZ=149
                                                                                                                                        39.0N; 22.2E    33KM H=02 09 53.1
1979 JUN 21   GREECE                                                                                                                    39.0N; 22.2E    10KM    02 09 53.1
E(P)        02 13 17                                                                                                                    39.4N; 22.2E    33KM    02 09 56.7
E(SS)         16 17
E             17 08
  L       B   18                                                                                                    MB=5.4(103)         D= 74.5 DEG  AZ= 37
                                                                                                                                        43.9N;139.7E   233KM H=14 05 47.8
1979 JUN 21   EASTERN SEA OF JAPAN                                                                                                      44.1N;139.9E   250KM    14 05 49.3
I P(1)      14 17 02.1C 0.9 /   80                                                                                                      DISTANCE  73 DEG     DEPTH 238 KM
I P(2)        17 03.5  1.0 /  190
I AP          17 57.1
E             19 35
E S           26 18                                                                                                 MB=5.0(29)          D= 73.1 DEG  AZ=337
                                                                                                                                        51.3N;130.3W    10KM H=17 03 17.5
1979 JUN 21   QUEEN CHARLOTTE ISLANDS REGION                                                                                            52.3N;131.9W     3KM    17 03 24.3
E P(2)      17 14 57
  LM        B   47        T 19   AN   1   AE   0.5 AV   1.5

1979 JUN 21   TRACES
I P         17 18 22.9                                                                                                                  74.7( 1)/ D=144.6 DEG  AZ= 41
                                                                                                                                        21.3S;168.9E  (121KM H=17 45 39
1979 JUN 21   LOYALTY ISLANDS
I(PKP)      18 04 56.0
                                                                                                                    MB=5.5(19)          D=147.8 DEG  AZ= 11
1979 JUN 21   TONGA ISLANDS                                                                                                             19.4S;173.4W    33KM H=20 50 44.1
E PKIKP     21 10 25                                                                                                                    19.4S;175.5W    33KM    20 50 49.6
I PKP1        10 27.1  1.4 /   56
I APKP        10 37.9
I XPKP        10 43.9
                                                                                                                    MB=6.3(88)          D= 87.4 DEG  AZ=294
1979 JUN 22   CHIAPAS, MEXICO                                                                                                           17.0N; 94.6W  107KM H=06 30 54.3
I P(1)      06 43 31.2C 0.9 /   66                                                                                                      17.2N; 94.6W  100KM    06 30 54.7
I P(2)    AB    43 36.1C 2.2 /(1650) 2.4 /  440  2.2 / (720)
                  T  7   AN   1.0 AE   2.3 AV   5.5   MPH =6.6 MPV =6.7 DISTANCE  88 DEG     DEPTH 110 KM
E AP        B     44 02
E XP      AB      44 19
E PP        B     46 58
E SKS     AB      53 48
E S       AB      54 04     T 14   AN  17.1 AE  43.8 AV  21.6   MSH =7.3
E XS        B     54 54
E SS        B     59.7
E           07 03 23
E SSSS      B     06.8
E PKPPKP          09 24
E                 09 59
  LM        B     24        T 19   AN  15.5 AE   8   AV  16     MLH =6.5 MLV =6.5 (NO DEPTH CORRECTION)
  FINAL       09 30

1979 JUN 22   NORTHERN SUMATERA                                                                                      MB=4.6( 7)          D= 85.0 DEG  AZ= 93
E             07 27 39                                                                                                                   3.5N; 96.2E    33KM H=07 15 09.3

1979 JUN 22   DODECANESE ISLANDS                                                                                    MB=4.1( 7)          D= 18.5 DEG  AZ=136
E(P)        10 39 18                                                                                                                    36.7N; 28.9E    10KM H=10 34 53.1
                                                                                                                                        36.9N; 29.0E    10KM    10 34 56.1

1979 JUN 22
E             11 08 33

1979 JUN 22
E             17 50 07

1979 JUN 22   ICELAND                                                                                               MB=5.4(68)          D= 20.6 DEG  AZ=321
I P       AB 23 22 40.2C 1.8 /  490  1.8 /  290  1.8 /  290                                                                             64.5N; 17.5W    10KM H=23 17 59.2
                  T  9   AN   1.6 AE   1.8 AV   2.0   MPH =5.6 MPV =5.4 64.5N; 17.5W     8KM    23 18 01.1
I PP          22 55.8                                                                                                                   64.6N; 17.3W     1KM    23 17 58.2
E             23 12                                                                                                 DISTANCE  22 DEG
E S       AB  26 36     T  8   AN   2.4 AE   3.4 AV   0.7   MSH =5.6
  LM        B   32      T 14   AN   5   AE   2   AV   4.5   MLH =5.1 MLV =5.2

1979 JUN 22   TRACES; UNIMAK ISLAND REGION                                                                           MB=4.6( 1)          D= 75.3 DEG  AZ=358
E AP        23 50 37                                                                                                                    53.7N;163.5W    33KM H=23 38 41.1

1979 JUN 23   KURILE ISLANDS                                                                                        MB=4.6(39)          D= 73.6 DEG  AZ= 25
E P         00 02 42                                                                                                                    50.1N;153.8E   215KM H=23 51 31.7
E AP          03 34                                                                                                                     50.4N;153.5E   196KM    23 51 31.4

INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 00H 16M TO 09H 35M

1979 JUN 23   NEAR N COAST OF PAPUA NEW GUINEA                                                                      MB=5.3( 9)          D=118.5 DEG  AZ= 59
E PKP       02 51 07                                                                                                                    4.8S;144.2E    95KM H=02 32 28.8
E APKP        51 34

1979 JUN 23   UNDERGROUND EXPLOSION                                                                                 MB=6.3(99)          D= 40.6 DEG  AZ= 65
I P       AB 03 04 40.4C 0.6 /( 320) 0.5 /  215  0.7 /  190                                                                            49.9N; 78.9E     0KM H=02 56 57.6
E PN          06 11
E L         B   18 37
  LM        B   21.7      T 11   AN   1   AE   0.5 AV   1     MLH =5.0 MLV =5.1

1979 JUN 23   KURILE ISLANDS                                                                                        MB=4.8(25)          D= 77.0 DEG  AZ= 31
E P         10 16 39                                                                                                                    44.5N;148.3E    57KM H=23 04 53.5
                                                                                                                                        44.8N;148.3E    85KM    23 04 56.4

1979 JUN 23   FIJI ISLANDS REGION                                                                                   MB=5.0( 3)          D=143.6 DEG  AZ= 20
E PKP       14 34 29                                                                                                                    16.1S;179.1W    33KM H=23 14 56.0
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1979 JUN 23   NORTHERN ITALY                FRIULI     NO MB COMP.          D=  8.0 DEG  AZ=178
E PG        18 44 03                                                        46.3N; 13.3E    10KM H=23 42 53.7 (B)
E SN          44 42                                                         46.3N; 13.2E    10KM    23 42 52.4 (U)
E SG          45 10

1979 JUN 24   MARIANA ISLANDS                                MB=5.0(26)    D= 99.7 DEG  AZ= 44
E PP        02 30 31                                                        18.3N;146.6E    65KM H=02 12 49.4 (U)
                                                                            18.0N;146.7E     3KM    02 12 39.0 (M)

1979 JUN 24   WEST IRIAN                                     MB=5.6(44)    D=114.6 DEG  AZ= 62
E APKP      04 42 21                                                         3.0S;139.8E    33KM H=04 28 28.4 (U)
E PP          43 02                                                          2.2S;139.3E     3KM    04 28 29.5 (M)
  LM        B 05 31

1979 JUN 24   NORTHERN YUGOSLAVIA                            NO MB COMP.   D=  6.2 DEG  AZ=172
E SG        06 17 01                                                        45.2N; 14.2E     5KM H=06 15 40.0 (B)

1979 JUN 24   KERMADEC ISLANDS REGION                        MB=4.4( 1)    D=158.0 DEG  AZ= 32
I PKP2      07 31 28.1C 1.2 /   27                                          31.6S;179.6E   445KM H=02 11 46.2 (U)

1979 JUN 24   TRACES; SOUTHERN SUMATERA                     MB=5.2(29)    D= 92.0 DEG  AZ= 94
E AP        09 04 54                                                         4.1S;101.2E    34KM H=08 51 37.0 (U)
                                                                             3.4S;101.4E     3KM    08 51 36.1 (M)

1979 JUN 24   TRACES; KENAI PENINSULA, ALASKA               MB=4.1( 3)    D= 68.0 DEG  AZ=350
E AP        12 52 38                                                        60.0N;148.1W    33KM H=22 41 33.7 (U)

1979 JUN 24   SOUTH ATLANTIC RIDGE                          MB=4.9( 8)    D= 83.9 DEG  AZ=203
E P         13 26 45                                                        29.6S; 13.7W    10KM H=15 14 14.0 (U)
E PP          29 57                                                         28.8S; 13.6W    33KM    15 14 21.3 (M)

1979 JUN 24   NORTHERN ITALY                               NO MB COMP.   D=  5.0 DEG  AZ=203
E SG        13 30 33                                                        46.7N; 10.2E    10KM H=15 27 54.0 (U)
E             30 44                                                         46.7N; 10.3E    10KM    15 27 54.8 (B)

1979 JUN 24   WESTERN POLAND                                                DISTANCE 210 KM
E PG        18 12 40
I SG          13 03.7

1979 JUN 24
E             21 32 37

1979 JUN 25   NEAR EAST COAST OF KAMCHATKA                  MB=4.6(12)    D= 69.6 DEG  AZ= 18
E P         04 19 27                                                        56.3N;161.5E    45KM H=04 08 22.0 (U)
                                                                            56.3N;161.4E    53KM    04 08 22.9 (M)

1979 JUN 25   SOUTHEASTERN ALASKA                           MB=4.6(11)    D= 66.8 DEG  AZ=346
E P         05 18 50                                                        60.3N;140.8W    19KM H=05 07 59.3 (U)

1979 JUN 25   EAST PAPUA NEW GUINEA REGION                  MB=6.2(81)    D=119.4 DEG  AZ= 57
              PARTIALLY INTERRUPTED                                         5.0S;145.6E   189KM H=05 29 05.6 (U)
E P       AB 05 44 00                                                       5.0S;145.6E   160KM    05 29 02.4 (M)
E AP        B   44 45                                                      DISTANCE 118 DEG     DEPTH 170 KM
E PKP     AB    47 33
E XPKP            48 34
E                 48 40
E PP      AB      48 59     T 11   AN   1.1 AE   2.0 AV   3.8   MPPH =6.5 MPPV =6.6
E APP       B     49 38
E                 50 24
E PPP             51 27
E                 52 36
E                 52 57
E SKS       B     54 16
E           B     55 05
E SKKS      B     55 39
E SDIF      B     56 30
E PKKP            57 48
E(PS)       B     58 24
E SS        B 06 05.1
E SSS       B     09 38
  LMH       B     30        T 22   AN  13.5 AE  11
  LMV       B     41        T 18   AN   7   AE   5.5 AV   9     MLH =6.6 (NO DEPTH CORRECTION)
                                                                  MLV =6.5 (NO DEPTH CORRECTION)

1979 JUN 25
E             08 18 06                                          MB=5.9(47)    D=148.8 DEG  AZ= 11
                                                                            20.0S;173.5W    42KM H=23 01 32.1 (U)
1979 JUN 25   TONGA ISLANDS                                     MC =5.9       19.9S;173.3W    33KM    23 01 11.7 (M)
I PKIKP     11 20 51.1C 2.0 /   77                                          DISTANCE 148 DEG
I PKP1    AB    20 55.4C 2.0 /  590
I APKP          21 07.7
E               21 21
E PP        B   24 25                                           MB=5.6(59)    D= 98.0 DEG  AZ= 98
E PCPPKP        32 05                                                         6.0S;103.6E    69KM H=22 18 26.9 (U)
  LM        B 12 33                                                         5.4S;103.7E    33KM    22 18 29.3 (M)

1979 JUN 25   SOUTHWEST OF SUMATERA                           MB=3.6( 2)    D=  9.8 DEG  AZ=159
E P         12 31 44    1.2 /   12                                          42.3N; 18.5E    10KM H=23 12 26.1 (U)
E AP          31 56                                                         42.2N; 18.7E    10KM    23 12 27.4 (B)
                                                                            42.7N; 18.8E    33KM    23 12 32.5 (M)
1979 JUN 25   YUGOSLAVIA-ALBANIA COAST REG. **                MB=4.9(51)    D= 54.8 DEG  AZ= 60
E           14 15 40                                                        45.3N; 98.7E    33KM H=23 31 04.7 (U)
E             17 06                                                         45.3N; 98.7E     3KM    23 31 00.8 (M)
E SG          17 54

1979 JUN 25   MONGOLIA
I P         16 40 28.9C 0.7 /   23
E AP          40 36
```

1979 JUN 25 NEAR EAST COAST OF KAMCHATKA
I P 18 57 16.0C 1.2 / 155 MB=5.3(74) D= 72.4 DEG AZ= 20
I AP 57 32.7 53.0N; 159.8E 59KM H=18 45 54.1
53.2N; 159.4E 61KM 18 45 56.1
/4.9(2)/ D=148.5 DEG AZ= 11
19.9S; 173.2W (96KM H=18 44 33

1979 JUN 25 TONGA ISLANDS
E(PKP) 19 04 17 MB=4.1(9) D= 19.1 DEG AZ=137
36.0N; 29.0E 44KM H=19 45 33.4
35.9N; 29.4E 54KM 19 45 36.1
36.3N; 29.4E 33KM 19 45 40.6

1979 JUN 25 WESTERN TURKEY
E PP 19 50 08

1979 JUN 26 AFGHANISTAN-USSR BORDER REGION MB=5.7(111) D= 43.3 DEG AZ= 87
I P AB 03 12 32.9C 1.5 / 410 1.1 / 61 1.2 / 160 36.5N; 71.2E 229KM H=03 04 51.8
I 12 42.0 36.2N; 71.4E 207KM 03 04 48.5
E XP B 13 45
I PP AB 14 19.0
I(PPPP) AR 15 27.9
I 16 11.1
E SS B 21 57
E AB 22 19
L B 25

1979 JUN 26 AEGEAN SEA MB=4.0(2) D= 14.6 DEG AZ=142
E(P) 03 38 10 39.1N; 24.4E 33KM H=03 34 37.3

1979 JUN 26 TRACES
E 03 45 21

1979 JUN 26 HOKKAIDO, JAPAN, REGION MB=4.7(25) D= 77.4 DEG AZ= 36
I P 04 08 01.3 0.7 / 9 41.8N; 142.6E 65KM H=03 56 12.5

1979 JUN 26 TONGA ISLANDS REGION MB=5.3(26) D=150.5 DEG AZ= 15
I PKP1 AB 04 09 09.8 1.6 / 145 22.4S; 175.1W 33KM H=03 49 20.0
LM R 05 25 22.3S; 177.8W 3KM 03 49 20.2

1979 JUN 26
E 04 31 41

INTERRUPTION OF SOME SHORTPERIODIC RECORDS FROM 05H 48M TO 07H 00M

1979 JUN 26 FIJI ISLANDS REGION MB=5.4(2) D=147.4 DEG AZ= 16
E PKP1 08 39 29 1.2 / 14 19.4S; 176.0W 33KM H=08 19 46.1

1979 JUN 26 NEAR EAST COAST OF HONSHU, JAPAN MB=4.3(4) D= 81.0 DEG AZ= 40
I P 09 02 11.6 37.1N; 141.2E 63KM H=08 50 02.4

1979 JUN 26 POLAND, UPPER SILESIA
E 11 46 58

1979 JUN 26 KURILE ISLANDS MB=5.2(59) D= 77.2 DEG AZ= 31
I P 12 13 32.0C 1.0 / 72 44.6N; 149.0E 33KM H=12 01 40.7
I 13 52.1 44.6N; 149.1E 60KM 12 01 43.1

1979 JUN 26 GREECE MB=4.4(14) D= 14.4 DEG AZ=146
E(P) 15 38 04 38.8N; 23.2E 33KM H=15 34 32.9
E 39 45 38.8N; 23.3E 10KM 15 34 32.8
E R 42.8 39.0N; 24.2E 33KM 15 34 39.5
E 43 04
LM B 45.6

1979 JUN 26
E P 19 37 58

1979 JUN 27 NORTHERN ITALY NO MB COMP; D= 6.9 DEG AZ=191
E 04 30 44 44.5N; 11.1E 10KM H=04 28 09.8
E SG 31 54 44.5N; 11.1E 10KM 04 28 11.4

1979 JUN 27 NORTHERN ITALY NO MB COMP. D= 7.0 DEG AZ=191
E PG 04 37 18 44.4N; 11.1E 10KM H=04 34 55.9
E 38 07 44.5N; 11.0E 10KM 04 34 58.7
E SG 38 42

1979 JUN 27 NORTHWEST TERRITORIES, CANADA
I P 08 59 20.0C 1.3 / 43 MB=5.1(55) D= 48.7 DEG AZ=334
I AP 59 32.1 70.0N; 96.3W 18KM H=08 50 35.1
70.3N; 96.6W 33KM 08 50 39.2

1979 JUN 27 SOUTH OF PANAMA
E P(1) 10 02 54 MB=5.8(83) D= 87.7 DEG AZ=279
I P(2) AB 02 57.1 1.8 / 105 7.2N; 82.3W 10KM H=02 50 03.5
E PP 06 27 7.6N; 81.7W 33KM 02 50 11.6
E SKS B 13 24 DISTANCE 89 DEG
E PS B 14.8
LM B 35 T 24 AN 3 AE 7.5 AV 7.5 MLH =6.1 MLV =6.3
L R 43 T 18 AN 3.5 AE 3.5 AV 5.5

1979 JUN 27
E 13 37 35

1979 JUN 27 TONGA ISLANDS REGION
I PKP 17 16 16.4 1.3 / 15 /4.4(1)/ D=148.8 DEG AZ= 6
(20.2S; 170.6W 33KM H=16 55 50.3

1979 JUN 27 SAN JUAN PROVINCE, ARGENTINA MB=5.6(43) D=107.4 DEG AZ=245
E PP 22 04 56 29.5S; 68.3W 115KM H=21 46 25.4
E PKKP2 16 11 29.3S; 66.9W 33KM 21 46 17.4

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=5.6(37) D= 60.0 DEG AZ=228
I P AB 04 24 52.6D 2.5 / 290 2.6 / 180 2.5 / 140 0.4N; 25.0W 10KM H=06 14 43.9
E S B 33 10 0.9N; 24.2W 33KM 06 14 47.6
LMH B 50 T 16 AN 1 AE 1 MLH =5.2 DISTANCE (62)DEG
LMV B 56 T 15 AN 1 AE 0.5 AV 1 MLV =5.2

1979 JUN 28 FIJI ISLANDS REGION MB=5.3(31) D=147.7 DEG AZ= 20
I PKIKP 05 37 46.0 20.2S; 178.2W 595KM H=05 19 56.2
I PKP1 37 49.9D 1.1 / 140 21.4S; 177.9W 33KM 05 18 59.0
I PKP2 37 53.8C 1.1 / 72 MC =5.2 DISTANCE 147 DEG DEPTH 588 KM
E APKP 40 04

1979 JUN 28
I P 06 02 47.2 D=108 KM AZ=146
50.9SN; 13.9IE 0KM H=07 22 37.7 (I)

1979 JUN 28 EXPLOSION; CZECHOSLOVAKIA
I PG 07 22 56.8
I 23 09.3
I SG 23 11.4
E LM 23 23

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.9(14) D= 60.4 DEG AZ=225
E P 07 40 36 0.1 / 25.0W 10KM H=07 30 24.9
1.3N; 24.3W 32KM 07 30 37.7

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.6(4) D= 60.2 DEG AZ=225
E P 11 44 18 0.2N; 25.0W 10KM H=11 34 05.4

1979 JUN 28 CENTRAL YUGOSLAVIA NO MB COMP. D= 9.1 DEG AZ=153
E SN 12 46 40 43.0N; 18.6E 10KM H=12 42 52.7
E SG 47 56 43.0N; 18.5E 10KM 12 42 53.6

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.7(8) D= 60.3 DEG AZ=225
E P 13 10 54 0.1S; 24.7W 10KM H=13 00 42.7

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.6(2) D= 59.7 DEG AZ=225
E 14 33 56 0.6N; 24.8W 10KM H=14 23 42.0

1979 JUN 28 UNDERGROUND EXPLOSION MB=5.0(41) D= 81.3 DEG AZ=321
>FAJY< 37.1N; 116.1W 0KM H=14 44 00.2
I P 14 56 18.8C 1.2 / 23

1979 JUN 28 FIJI ISLANDS REGION MB=4.9(6) D=148.1 DEG AZ= 20
I PKP1 18 46 10.7C 0.8 / 19 20.9S; 177.9W 593KM H=18 27 23.3

1979 JUN 28 TRACES; GREECE MB=3.5(3) D= 14.3 DEG AZ=149
E(P) 19 20 29 38.6N; 22.3E 10KM H=19 17 00.0
38.6N; 22.5E 10KM 19 17 01.9

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.8(20) D= 60.0 DEG AZ=225
E P 20 51 29 1.5 / 20 0.3N; 24.9W 10KM H=20 41 19.9

1979 JUN 28 WESTERN TURKEY MB=4.6(44) D= 16.7 DEG AZ=122
I P 21 26 06.7 1.6 / 34 40.8N; 31.8E 10KM H=21 22 10.7
E 26 15 40.7N; 31.9E 10KM 21 22 12.4
LM B 34 41.0N; 31.8E 31KM 21 22 13.8

1979 JUN 29 TRACES; CENTRAL YUGOSLAVIA NO MB COMP; D= 9.0 DEG AZ=153
E 00 00 58 43.1N; 18.6E 10KM H=23 58 50.6
42.7N; 18.7E 10KM 23 58 54.8

1979 JUN 29 FIJI ISLANDS REGION NO MB COMP. D=148.4 DEG AZ= 20
I PKP1 00 02 28.4C 20.9S; 178.0W 590KM H=00 33 37.2

1979 JUN 29 CENTRAL MID-ATLANTIC RIDGE MB=4.9(18) D= 60.1 DEG AZ=225
I P 02 03 33.9 1.6 / 21 0.2N; 24.9W 10KM H=02 53 23.8

1979 JUN 29 CENTRAL YUGOSLAVIA NO MB COMP; D= 7.4 DEG AZ=164
E SG 04 39 51 44.2N; 15.8E 10KM H=04 35 54.1

1979 JUN 29 EXPLOSION; GERMAN DEMOCRATIC REPUBLIC
I PG 10 59 25.0
I SG AB 59 26.8

1979 JUN 29 TRACES, EXPLOSION MB=4.3(5) D= 84.0 DEG AZ= 53
I PG 11 00 31.1 27.5N; 30.0E 33KM H=12 13 36.8
I SG 00 44.1

1979 JUN 29 RYUKYU ISLANDS MB=5.4(28) D=148.4 DEG AZ= 20
E P 13 26 05 17.9S; 178.7W 593KM H=13 11 23.0
17.9S; 177.1W 33KM 13 10 25.0

1979 JUN 29 FIJI ISLANDS REGION NO MB COMP; D= 10.2 DEG AZ=156
I PKP1 14 29 38.9C 0.9 / 48 43.9N; 18.0E 10KM H=13 04 22.0
I 30 03.8 42.3N; 18.7E 10KM 13 04 23.1

1979 JUN 29 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP; D= 7.0 DEG AZ=191
E 16 09 45 44.4N; 12.2E 10KM H=15 21 17.7
E 10 02 44.3N; 11.2E 10KM 15 21 18.6

1979 JUN 29 NORTHERN ITALY
E SG 17 25 02

1979 JUN 29
E 18 48 34
E 48 51

```
1979 JUN 29   YUGOSLAVIA-ALBANIA COAST REG. **                NO MB COMP;   D= 19.9 DEG  AZ=154
E SN        19 15 27                                                        42.2N; 18.8E    10KM H=19 11 21.2 (U)
                                                                            42.1N; 18.8E    10KM    19 11 22.0 (B)

1979 JUN 29   TUAMOTU EXPLOSION                              MB=5.3( 9)    D=143.5 DEG  AZ=313
E PKP       19 15 37                                                        22.0S;138.9W     0KM H=18 55 57.9 (U)

1979 JUN 29   CENTRAL YUGOSLAVIA                             NO MB COMP.   D=  9.1 DEG  AZ=152
E           20 59 45                                                        43.1N; 18.8E    10KM H=20 56 59.8 (U)
E(SN)       21 01 00                                                        43.1N; 19.0E    10KM    20 57 01.0 (B)
E              01 26                                                        42.2N; 18.3E    33KM    20 57 03.8 (M)
E SG           02 03

1979 JUN 30   SOUTHERN CALIFORNIA                            MB=4.6(10)    D= 84.2 DEG  AZ=320
E(P)        00 46 48                                                        34.2N;116.9W    10KM H=00 34 11.6 (U)

1979 JUN 30
  LM      B 03 17

1979 JUN 30   CENTRAL YUGOSLAVIA                             NO MB COMR;   D=  7.8 DEG  AZ=165
E SN        06 31 57                                                        44.2N; 15.7E    10KM H=06 28 48.2 (U)
E              32 28
E SG           32 47

1979 JUN 30   YUGOSLAVIA-ALBANIA COAST REG. **               MB=3.7( 1)    D= 10.5 DEG  AZ=153
E SG        08 10 44                                                        42.0N; 19.3E    10KM H=08 05 06.4 (U)
                                                                            41.9N; 19.4E    10KM    08 05 07.9 (B)

1979 JUN 30   SOUTH OF PANAMA                               MB=5.1(35)    D= 87.8 DEG  AZ=279
E P         08 45 51    1.5 /   23                                          7.1N; 82.3W    10KM H=08 38 59.5 (U)
E              46 05
  LM      B 09 21

1979 JUN 30   NORTHWEST OF KURILE ISLANDS                   MB=4.4( 9)    D= 78.8 DEG  AZ= 31
I P         09 33 34.1C 1.1 /   20                                          47.9N;146.3E   427KM H=09 22 46.7 (U)

1979 JUN 30
E           11 59 35

1979 JUN 30   WESTERN POLAND                                               D=213 KM  AZ= 83
I SN        19 29 49.8                                                      51.5ON; 16.0E         H=19 29 18    (P)
I              29 56.3                                                    (51.1N; 14.9E    10KM    19 29 30.1 (B))
I SG           30 18.7                                                    (51.0N; 14.9E    10KM    19 29 29.4 (U))
                                                                          DISTANCE 220 KM

1979 JUN 30   SANTA CRUZ ISLANDS REGION                      MB=4.9(12)    D=136.9 DEG  AZ= 39
E PKP       23 10 29                                                        12.7S;169.2E   652KM H=22 52 15.7 (U)
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November 1981

Dr. B. Tittel
Dr. S. Wendt

Geophysikalisches Observatorium Collm

der Karl-Marx-Universität Leipzig

Geophysikalische Meßreihen

Seismische Registrierungen

Geophysikalisches Observatorium

D D R - 7261 C O L L M

Geophysical measuring series
of the
Geophysical Observatory
of the Karl Marx University
Leipzig

Geophysikalische Meßreihen
des Geophysikalischen
Observatoriums
der Karl-Marx-Universität
Leipzig

C O L L M

S E I S M I C
R E C O R D S

S E I S M I S C H E
R E G I S T R I E R U N G E N

3rd quarter of 1979

3. Quartal 1979

L 461/82 III/18/445

SEISMOLOGICAL STATION COLLM (CLL)

GEOGRAPHICAL CO-ORDINATES: LATITUDE = 51°18.6'N; LONGITUDE = 13°00.2'E; ELEVATION = 230 m
FOUNDATION: GREYWACKE OF ORDOVICE

SEISMOGRAPHS AND ITS CONSTANTS:

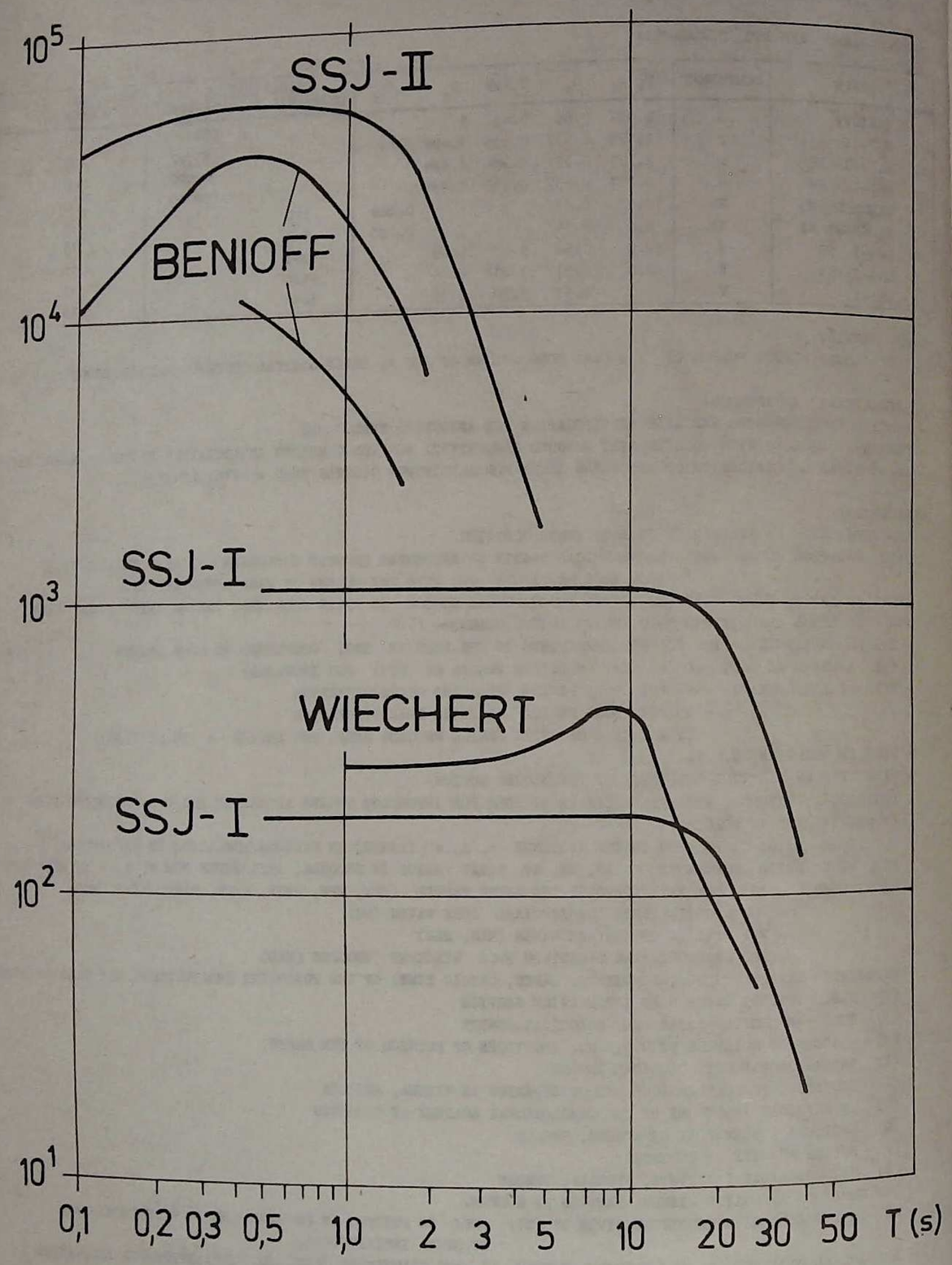
	TYPE	COMPONENT	T_s(s)	D_s	T_g(s)	D_g	r/T_s^2	MAGNIFICATION (STATIC)	MAGNIFICATION (MAXIMAL)	RECORDING SPEED (mm/min)
	BENIOFF	Z	0.452	0.65	1.43	1			(38000)	60
A	VSJ-II	z	2.175	0.537	0.296	1.474			55000	60
A	HSJ-II NS	n	2.171	0.537	0.294	1.474			60000	60
A	HSJ-II EW	e	2.171	0.537	0.293	1.474			58000	60
	WIECHERT NS	WN	10.0	0.28			0.026	370		15
	WIECHERT EW	WE	10.0	0.34			0.020	340		15
B	HSJ-I NS	N	20.0	0.50	1.10	9.09		1075		15
B	HSJ-I EW	E	20.0	0.51	1.21	8.24		1120		15
B	VSJ-I	V	20.0	0.51	1.20	8.35		1090		15

TIME SERVICE:
QUARTZ CLOCK (MINUTE PULSES OF 2 s AND HOUR PULSES OF 20 s; DAILY DIGITAL CONTROL; MAXIMUM ERROR ±0.2 s)

SUPPLEMENTARY EQUIPMENTS:
- SPECIAL RECORDER WITH VARIABLE AMPLIFICATION FOR ANNOUNCED EXPLOSIONS
- PERMANENT RECORDS WITH CONSIDERABLY REDUCED SENSITIVITY FOR THE COMPLETE REGISTRATION OF STRONG EARTHQUAKES
- AUTOMATICAL AMPLIFICATION OF RECORDING LIGHT FOR AMPLITUDES GREATER THAN A GIVEN LIMIT

EVALUATION:
THE FIRST LINE OF EVALUATION OF EACH EVENT CONTAINS
DATE AND (FOR KNOWN FOCI) GEOGRAPHICAL REGION OF EPICENTER (MOSTLY FOLLOWING FLINN & ENGDAHL 1965)
BODY WAVE MAGNITUDE MB WITH THE NUMBER OF USED OBSERVATIONS.
DETAILED INFORMATION, WITH RESPECT TO GEOGRAPHICAL REGION OR OTHER COMMENTS, CAN BE WRITTEN ALSO HERE.
THE NEXT LINES ARE DIVIDED INTO THE FOLLOWING COLUMNS
- THE NOMENCLATURE OF THE PHASES CORRESPONDS TO THE LIST OF ISC, COMPLETED BY SOME PHASES
(pP APPEARS AS AP, sP AS XP, MULTIPLE PHASES AS P(1) FOR INSTANCE)
- TYPE OF INSTRUMENTS - A FOR SHORT PERIOD STANDARD CHARACTERISTICS
- B FOR LONG PERIOD STANDARD CHARACTERISTICS
- IN THE CASE OF SHORT PERIOD RECORDS ONLY THE LETTER A IS OMITTED!
- TIME OF ONSET IN G.M.T.
- DIRECTION OF VERTICAL COMPONENT OF THE GROUND MOTION
- PERIODS, AMPLITUDES, AND EVENTUALLY MAGNITUDES FOR IMPORTANT ONSETS APPEAR IN THE CORRESPONDING LINE IF MEASUREMENT IS POSSIBLE;
FOR SHORT PERIOD COMPONENTS IN THE SEQUENCE z, n, e (PERIOD IN SECONDS/AMPLITUDE IN NANOMETRES)
FOR LONG PERIOD COMPONENTS T, AN, AE, AV (MEAN PERIOD IN SECONDS, AMPLITUDES FOR N, E, V IN MICROMETRES)
- MAGNITUDES - FOR BODY WAVES THROUGH THE EARTH MANTLE (MPV, MPH, MPMV, MPMH, MPPV, MPPH, MSH)
- FOR SHORTPERIODIC LONGITUDINAL CORE WAVES (MC)
- FOR MAXIMUM OF SURFACE WAVES (MLH, MLV)
- FOR STRONG QUAKES SOMETIMES FROM WIECHERT RECORDS (MAG)
- HYPOCENTER DATA (LATITUDE, LONGITUDE, DEPTH, ORIGIN TIME) OF THE FOLLOWING INSTITUTIONS ARE USED IN GENERAL
(U) U.S. NATIONAL EARTHQUAKE INFORMATION SERVICE
(B) EUROPEAN-MEDITERRANEAN SEISMOLOGICAL CENTRE
(M) ACADEMY OF SCIENCES OF U.S.S.R., INSTITUTE OF PHYSICS OF THE EARTH
(I) INTERNATIONAL SEISMOLOGICAL CENTRE
(A) INSTITUTE FOR METEOROLOGY AND GEODYNAMICS IN VIENNA, AUSTRIA
(C) GEOPHYSICAL INSTITUTE OF THE CZECHOSLOVAK ACADEMY OF SCIENCES
(G) NATIONAL OBSERVATORY OF ATHENS, GREECE
(P) POLISH ACADEMY OF SCIENCES
(S) SEISMOLOGICAL INSTITUTE, UPPSALA, SWEDEN
OWN COMMENTS ARE GIVEN WITHOUT MENTION OF SOURCE.
- MB IS THE BODY WAVE MAGNITUDE GIVEN BY (U). /MB/ IS PRINTED IN FEW OTHER CASES WITH FOCAL DATA OF OTHER INSTITUTIONS.
- EPICENTRAL DISTANCE D AND STATION AZIMUTH AZ ARE CALCULATED USING THE FIRST EPICENTER INDICATION AND ARE PRINTED ABOVE THESE DATA.
D AND AZ ARE CALCULATED ACCORDING TO GEOCENTRIC CO-ORDINATES (D COMMONLY IN DEG, FOR NEAR EVENTS IN km, WITH A MAXIMUM ERROR OF ±0.1 DEG AND ±1 km, RESPECTIVELY; AZ IN DEG WITH A MAXIMUM ERROR OF ± 1 DEG).
- FOR COMPARISON WITH THE FIRST OWN EVALUATION "DISTANCE" AND "DEPTH" ARE GIVEN BELOW THE HYPOCENTER DATA.
- ROUND BRACKETS INDICATE UNCERTAINTIES.

NUMEROUS EXPLOSIONS AND ROCK BURSTS ARE LEAVED OUT IN THIS BULLETIN BECAUSE OF ITS UNIMPORTANT FORCE.
EVENTUAL INTERRUPTIONS OF RECORDS ARE INDICATED IN THE TIME SEQUENCE.
THE COMPILATION WAS PERFORMED AT THE COMPUTER CENTRE OF ZENTRALINSTITUT DER METALLURGIE, LEIPZIG.



Magnification curves
of COLLM seismographs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1979 JUL 01   TRACES
E          06 24 50

1979 JUL 01   TONGA ISLANDS                                    MB=5.0( 6)      D=147,9 DEG  AZ= 15
I PKP1     06 25 05.0  1,4 /   34                                              19.9S 175,5W   252KM H=06 05 45:2 (U)
E APKP        26 07

1979 JUL 01   TONGA ISLANDS                                    MB=5.4( 4)      D=147,6 DEG  AZ= 13
E PKP1     09 27 16                                                            19.3S 174,1W    33KM H=09 07 33:0 (U)

1979 JUL 01   WESTERN IRAN                                     Mb=4.7(32)      D= 29,0 DEG  AZ=112
E P        09 43 27                                                            34.8N  46,1E    33KM H=09 37 30:1 (U)
                                                                               35.0N  45,9E   171KM    09 37 47:4 (P)
                                                                               34.9N  46,1E    50KM    09 37 32:3 (M)

1979 JUL 01   FRANCE                                          NO MB COMP.     D=  5,0 DEG  AZ=248
E          20 04 06                                                            49.2N   6,0E     7KM H=20 02 43:0 (P)
E SG          05 30                                                            49.1N   5,9E    10KM    20 02 40:8 (U)

1979 JUL 01   TRACES
E          20 45 18

1979 JUL 01   PANAMA-COSTA RICA BORDER REGION                  MB=5.5(56)      D= 87,3 DEG  AZ=280
I P      AB 20 50 49.5C 2,4 /  220                                              8.3N  82.9W    28KM H=20 38 04:0 (U)
                        T 11                  AV  1,4                          8.4N  83,0W    33KM    20 38 05:6 (M)
I             50 58.6                                                          DISTANCE 87 DEG
E PP       B  54 12
E SKS      B 21 01 19                                          MSH =6,5
E S        B    01.6      T 12   AN  1,0 AE  5,7 AV  2,2
E PS       B    02 24
E SS       B    07.6                                          MLH =6,4 MLV =6.5
  LM       B    27        T 19   AN  7,5 AE  12  AV  16

1979 JUL 02   COSTA RICA                                      MB=4.9( 8)      D= 87,5 DEG  AZ=280
E P        00 42 17                                                            8.2N  83,1W    33KM H=00 29 52:2 (U)

1979 JUL 02   PANAMA-COSTA RICA BORDER REGION                  MB=5.0(11)      D= 87:1 DEG  AZ=280
E P        00 44 14                                                            8.4N  82,8W    33KM H=00 31 28:4 (U)

1979 JUL 02   COSTA RICA                                      MB=5.2(50)      D= 87,3 DEG  AZ=280
I P        06 30 54.0C 1,8 /   78                                              8.3N  83,0W    33KM H=06 18 08:9 (U)
  LM       B 07 14                                                             8.1N  83,0W    33KM    06 18 08:7 (M)

1979 JUL 02   NORTHERN ITALY              FRIULI               NO MB COMP.     D=  5,0 DEG  AZ=180
E PN       09 13 03                                                            46:3N  13,0E    10KM H=09 18 47:4 (B)
E PG          13 22                                                            46:3N  13,0E    10KM    09 18 45:5 (U)
I SN          13 58.9
E SG          14 28

1979 JUL 02   GERMAN DEMOCRATIC REPUBLIC
E SG       10 12 56  .

1979 JUL 02   PANAMA-COSTA RICA BORDER REGION                  MB=5.6( 6)      D= 86,8 DEG  AZ=280
E P        10 38 48    1,6 /   18                                              8.7N  82,7W    33KM H=10 26 04:0 (U)

1979 JUL 02
E          12 06 05

1979 JUL 02   TRACES
E          15 05 30

1979 JUL 02   PANAMA-COSTA RICA BORDER REGION                  MB=5.0( 5)      D= 87,3 DEG  AZ=280
E P        15 38 39                                                            8.2N  82,9W    33KM H=15 25 53:9 (U)

1979 JUL 02   GREECE                                          MB=4.1(15)      D= 14,9 DEG  AZ=148
E(P)       15 46 57                                                            38.1N  22,9E    43KM H=15 43 22:3 (U)
  LM       B    53                                                             38:1N  22,9E    42KM    15 43 24:6 (B)
                                                                               38:4N  23,9E    33KM    15 43 28:1 (M)

1979 JUL 02   LAKE TANGANYIKA REGION                          MB=4.9(34)      D= 56,5 DEG  AZ=161
E P        20 47 13                                                            3:7S  29,2E    33KM H=20 37 33:5 (U)
                                                                               3:2S  29,2E    33KM    20 37 37:3 (M)

1979 JUL 03   SOUTH OF FIJI ISLANDS                           MB=5.1(29)      D=151,0 DEG  AZ= 24
I PKP1     03 09 19.3  0,9 /   69                                              23.9S 179,6W   479KM H=02 50 20:5 (U)
I PKP2        09 28    1,2 /   38                                              23:7S 179,2E    33KM    02 49 35:2 (M)
E             09 51                                                            DISTANCE 150 DEG    DEPTH 450 KM
E APKP        11 10

1979 JUL 03   TRACES
E          10 53 43

1979 JUL 03   SOUTH ATLANTIC RIDGE                            MB=4.9( 6)      D= 73,0 DEG  AZ=206
E          17 33 37                                                            18:3S  13,3W    10KM H=17 21 55:9 (U)
  LM       B 18 04       T 17   AN  0,5 AE  0,5 AV  0,5

1979 JUL 03   TONGA ISLANDS REGION                                /5.2( 1)/ D=146,5 DEG  AZ=  9
E(PKP)     20 43 03                                                            18:0S 172.2W    33KM H=20 23 12   (I)

1979 JUL 03   FRANCE                                          NO MB COMP.     D=  5,8 DEG  AZ=225
E          21 14 58                                                            47:0N   7,0E    44KM H=21 13 10:7 (B)
E PG          15 08                                                            47:0N   6,9E    33KM    21 13 09:4 (U)
E             15 14
E             15 56
I             16 19.1
I SG          16 27
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1979 JUL 03
E 21 53 57

1979 JUL 03
E 22 08 41

1979 JUL 04 KERMADEC ISLANDS REGION
I PKP2 21 40 56 0 1,2 / 17

1979 JUL 04 KURILE ISLANDS
I P AB 00 19 29,7C 1,3 / 400
I AP 19 46
E 21 59
E S AB 29 09
LM B 49

1979 JUL 04 CENTRAL YUGOSLAVIA
E PN 00 54 56
E 55 56
I SG AB 57 02
E LM B 57 28 T 9 AN 7,5 AE 2 AV 8

1979 JUL 04 WESTERN POLAND
E PG 07 31 52
E SG 32 16

1979 JUL 04 CENTRAL YUGOSLAVIA
E 18 25 01
E 25 50
E SN 26 17
E 26 56
E SG AB 27 24

1979 JUL 04
E 11 59 11

1979 JUL 04
I 13 22 18,9

1979 JUL 04 KURILE ISLANDS REGION
I P 15 20 03,4C 1,4 / 23

1979 JUL 04 FOX ISLANDS, ALEUTIAN ISLANDS
E P 19 09 20 1,6 / 27
LM B 45

1979 JUL 04 COSTA RICA
I P 20 43 40,0C 2,4 / 110
E SKS B 54
LM B 21 20

1979 JUL 04 ICELAND REGION
E P 21 07 59

1979 JUL 04 SOUTHEAST INDIAN RISE
E(PP) 22 14 03

1979 JUL 04 YUGOSLAVIA-ALBANIA COAST REG, **
E 22 46 43

1979 JUL 04 TRACES: COSTA RICA
E P 22 51 56

1979 JUL 04 YUGOSLAVIA-ALBANIA COAST REG, **
E PN 23 46 49
E 48 46
I 49 23,3
E L AB 50 05

1979 JUL 05 LOYALTY ISLANDS
E PKP 02 35 11

1979 JUL 05
E 03 41 45

1979 JUL 05 YUGOSLAVIA
CROATIA
E 03 56 53

1979 JUL 05 IRAN
E P 04 53 15

1979 JUL 05 KURILE ISLANDS
I P 06 23 14,9C 1,9 / 90
I 23 46,5

1979 JUL 05 EXPLOSION; NORTHERN CZECHOSLOVAKIA
I PG 07 00 19,8
I SG 00 24,2

1979 JUL 05 FOX ISLANDS, ALEUTIAN ISLANDS
E P 08 00 38

MB=4,1(2) D=158,3 DEG AZ= 31
31,8S;179,8W 207KM H=01 20 56;6 (U)

MB=6,0(133) D= 76,9 DEG AZ= 32
44,0N;146,7E 78KM H=06 07 45;2 (U)
44;5N;146,5E 60KM 06 07 45;7 (M)
DISTANCE 78 DEG DEPTH 65 KM

MB=4,8(16) D= 7,6 DEG AZ=160
44;1N; 16,6E 29KM H=06 52 45;3 (U)
44;1N; 16,7E 10KM 06 52 45;8 (B)
44;3N; 16,8E 3KM 06 52 45;2 (M)
MLH =4,7 DISTANCE 8 DEG

NO MB COMP. D= 2,4 DEG AZ= 82
(51;6N; 16,8E 33KM H=07 36 16 (I)

NO MB COMP, D= 9,1 DEG AZ=152
43;1N; 18,8E 10KM H=08 22 21;1 (U)
43;1N; 18,9E 10KM 08 22 23;2 (B)
43;4N; 18,8E 28KM 08 22 28;4 (M)

MB=4,3(8) D= 75,3 DEG AZ= 24
48;9N;156,1E 33KM H=15 08 21;7 (U)
49;3N;155,8E 51KM 15 08 26;3 (M)

MB=4,7(41) D= 76,3 DEG AZ= 0
52;8N;167,1W 33KM H=18 57 34;3 (U)
52;7N;167,5W 33KM 18 57 34;3 (M)

MB=5,0(43) D= 87,4 DEG AZ=280
8;3N; 83,1W 23KM H=20 38 53;8 (U)

MB=3,8(10) D= 23,0 DEG AZ=331
68;8N; 18,3W 10KM H=21 02 54;5 (U)
68;5N; 18,2W 10KM 21 02 58;0 (B)

MB=3,6(17) D=111,8 DEG AZ=131
42;4S; 84,0E 10KM H=21 58 38;7 (U)
42;4S; 84,3E 1KM 21 58 36;8 (M)

MB=3,3(1) D= 9,9 DEG AZ=154
42;2N; 18,8E 10KM H=22 41 42;1 (U)
42;1N; 18,9E 10KM 22 41 43;1 (B)

MB=3,1(9) D= 87,2 DEG AZ=280
8;4N; 83,0W 33KM H=22 39 07;5 (U)

MB=4,2(4) D= 10,2 DEG AZ=153
42;0N; 19,1E 10KM H=23 48 15;5 (U)
42;0N; 19,2E 10KM 23 48 17;6 (B)
42;4N; 19,2E 27KM 23 48 21;5 (M)

MB=4,6(1) D=143,3 DEG AZ= 41
20;1S;168,3E 33KM H=02 19 40;9 (U)

(A)

MB=4,7(27) D= 36,3 DEG AZ=102
33;7N; 57,1E 33KM H=04 46 12;3 (U)
33;8N; 57,1E 54KM 04 46 17;7 (B)
33;8N; 57,2E 1KM 04 46 09;4 (M)

MB=5,2(83) D= 77,0 DEG AZ= 33
43;9N;146,6E 70KM H=06 12 29;2 (U)
44,4N;146,2E 60KM 06 12 30;9 (M)

DISTANCE 120 KM

MB=4,9(5) D= 76,3 DEG AZ=360
52;8N;166,8W 21KM H=07 48 49;7 (U)

1979 JUL 05 ANDAMAN ISLANDS REGION MB=5,1(50) D= 74,4 DEG AZ= 90
I P 15 31 17,6C 1,5 / 38 12;0N; 92,9E 35KM H=15 39 41;7 (U)
11,9N; 93,1E 33KM 15 39 40;0 (M)

1979 JUL 05 FIJI ISLANDS REGION MB=4,8(7) D=145,0 DEG AZ= 20
I PKP1 22 28 28,8 1,2 / 14 17,5S;178,7W 532KM H=22 09 49;9 (U)

1979 JUL 06 NEAR COAST OF CENTRAL CHILE MB=5,7(60) D=111,0 DEG AZ=245
E PDIF 02 15 47 32;1S; 71,3W 45KM H=02 01 16;1 (U)
E PKP 19 46 32;3S; 71,7W 33KM 02 01 15;1 (M)
E(PP) AB 20 22 DISTANCE 110 DEG
I PKKP2 AB 30 52,2
LM B 03 06 I 19 AN 1 AE 1,5 AV 2 MLH =5,7 MLV =5,7

1979 JUL 06 QUESTIONABLE EVENT
E(PG) 12 31 07
E SG 31 37

1979 JUL 06
E 14 35 42

1979 JUL 06 SOUTH PACIFIC CORDILLERA MB=5,2(2) D=167,1 DEG AZ=232
E(PKIKP) 21 32 37 57;8S;147,7W 10KM H=21 12 25;8 (U)
E PKP2 33 40 58;4S;145,7W 3KM 21 12 31;1 (M)
LM B 22 49

1979 JUL 06 TRACES
E(P) 21 35 41

1979 JUL 06 CENTRAL ITALY NO MB COMP, D= 8,4 DEG AZ=180
E 22 21 29 42;9N; 13,0E 10KM H=22 17 09;3 (U)
E SG 21 52 42;6N; 13,4E 10KM 22 17 05;7 (B)

1979 JUL 07 CENTRAL YUGOSLAVIA NO ME COMP, D= 9,0 DEG AZ=151
E 02 43 45 43;2N; 18,9E 10KM H=02 41 02;0 (U)
E SN 44 58 43;2N; 19,0E 10KM 02 41 04;0 (B)
E SG AB 46 06
E LM B 46 48

1979 JUL 07
E SG 03 48 48

1979 JUL 07 UNDERGROUND EXPLOSION MB=5,8(88) D= 40,6 DEG AZ= 65
I P 03 54 39,7C 1,3 / 240 50,1N; 79,1E 0KM H=03 46 57;4 (U)
I PN 56 13,6
LM B 04 09
L B 12

1979 JUL 07 MOLUCCA PASSAGE MB=5,6(58) D=103,4 DEG AZ= 71
E 04 15 12 1,4 / 16 1,2N;126,2E 59KM H=04 01 08;5 (U)
E 16 27 2;1N;125,7E 34KM 04 01 12;2 (M)
E 18 20
E PP 19 24

1979 JUL 07 TAIWAN REGION MB=4,7(17) D= 81,5 DEG AZ= 60
I P 08 58 13,1 25,6N;122,2E 300KM H=08 46 28;0 (U)
23,8N;123,1E 33KM 08 45 47;8 (M)

1979 JUL 07 GUATEMALA MB=5,1(43) D= 87,7 DEG AZ=290
E P 09 45 42 14,0N; 91,0W 93KM H=09 33 02;4 (U)
E AP 46 02 13;7N; 91,3W 3KM 09 32 50;0 (M)
LM B 10 26

1979 JUL 07
I PKP 10 19 04,9C 1,1 / 18

1979 JUL 07 TRACES
E 10 36 24

1979 JUL 07 SOUTHERN ITALY MB=3,5(2) D= 9,7 DEG AZ=163
E 13 43 56 41;9N; 16,7E 10KM H=13 40 19;1 (U)
E 45 04 42,0N; 16,9E 10KM 13 40 21;5 (B)
E SG 45 44 40;2N; 16,5E 33KM 13 40 00;6 (M)

1979 JUL 07 QUESTIONABLE EVENT
I PG 18 02 24,2
I SG 02 57,5

1979 JUL 07 QUESTIONABLE EVENT
E PG 19 26 29
E SG 26 53

1979 JUL 07
LM B 20 15

1979 JUL 07 TONGA ISLANDS MB=5,0(21) D=147,4 DEG AZ= 11
I PKIKP 22 40 09,4 19;0S;173,1W 33KM H=22 20 27;1 (U)
I PKP1 AB 40 11,9 1,3 / 72 19,1S;174,5W 1KM 22 20 26;4 (M)
I 40 26,2
LM B 23 49

1979 JUL 07 KURILE ISLANDS MB=4,6(9) D= 77,5 DEG AZ= 30
I P 23 26 45,2C 44;5N;149,3E 33KM H=23 18 52;1 (U)

1979 JUL 08 MINDANAO, PHILIPPINE ISLANDS MB=5,1(31) D= 97,2 DEG AZ= 69
E P 02 37 41 7;4N;124,2E 44KM H=02 28 11;5 (U)
7;7N;124,1E 33KM 02 28 12;3 (M)

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1979 JUL 08
E P          03 08 19                                                    MB=4.8(46)      D= 49.8 DEG  AZ=123
                                                                                         14:6N; 53.8E    34KM H=04 08 10:0 (U)
                                                                                         14:5N; 53.8E    33KM   04 08 05:6 (M)
1979 JUL 08    ARABIAN SEA                                                               DISTANCE  51 DEG
E P          AB 04 17 55     2.0 /   59
E S           B    25 04                                                  MLH  =5.1
E(SS)         B    28.8          T 18   AN   1.5 AE   1   AV   1       MLV  =5.3
  LMH         B    38            T 16                     AV   2
  LMV         B    43                                                     MB=5.5(53)      D=149.8 DEG  AZ= 23
                                                                                         22:2S; 79.6W   609KM H=08 58 48:4 (U)
1979 JUL 08    SOUTH OF FIJI ISLANDS                                                     22:1S; 79.9W   635KM   08 58 52:0 (M)
I PKIKP      09 14 25:1C 1.6 /   24                                                    DISTANCE 148:5 DEG   DEPTH 600 KM
I PKP1          14 30.8C 0.8 /  200                                    MC   =5.4
I PKP2          14 37:9C 1.0 /  120
E APKP          16 50
E(PP)           18 06

1979 JUL 08    TRACES
E               11 31 29

1979 JUL 08
E               13 37 17

1979 JUL 08
E               19 25 14

1979 JUL 08
E               20 25 16                                                   NO MB COMP,     D=  4.1 DEG  AZ=147
                                                                                         47:8N; 16.4E    10KM H=21 38 20:8 (U)
1979 JUL 08    SOUTHEASTERN AUSTRIA                                                      47:8N; 16.4E    10KM   21 38 22:6 (B)
E            21 36 08
I SG            36 27.9
I               36 31.6

1979 JUL 09
I P          03 36 34:5C 1.0 /   12

1979 JUL 09    POLAND, UPPER SILESIA
E            06 26 16

1979 JUL 09    NORTHERN SINKIANG PROV., CHINA                              MB=4.7(11)      D= 49.2 DEG  AZ= 67
E(P)         10 56 13                                                                    43:9N; 88.3E    33KM H=10 47 17:4 (U)
                                                                                         44:1N; 88.2E     3KM   10 47 14:9 (M)

1979 JUL 09    EASTERN CHINA                                               MB=5.5(93)      D= 75.2 DEG  AZ= 58
E P          AB 11 09 06     1.2 /   82                                                 31:5N;119.2E    11KM H=10 57 22:1 (U)
I               09 24.4C                                                                 31:4N;119.4E    33KM   10 57 23:9 (M)
  LMH         B    38            T 20   AN   9   AE   5.5   MLH  =6.1
E SKPPKP      B    40 12
  L           B    43

1979 JUL 09
I P             11 44 55.3C

1979 JUL 09
E               14 59 05

1979 JUL 09    NEW IRELAND REGION                                          MB=5.7(48)      D=123.8 DEG  AZ= 50
E PKP        AB 16 27 05                                                                 5:6S; 153.3E    44KM H=16 08 09:5 (U)
E               27 21                                                                    5:8S; 153.3E    33KM   16 08 06:0 (M)
E PP         AB 28 49                                                                    DISTANCE 122 DEG
E PPP           31 28
E SKS         B    34 11
E SKKS        B    35 50
E             B    36 00
E PKKP2         36 59
E PS          B    38 46
E PCPPKP        40 49
E SS          B    45.7
  LMH         B 17 12            T 22   AN   6   AE   4.5           MLH  =6.3
  LMV         B    23            T 16   AN   3   AE   2.5   AV  3.5  MLV  =6.2
  FINAL      17

1979 JUL 09    NEW IRELAND REGION                                          MB=5.3(17)      D=123.9 DEG  AZ= 50
I PKP        17 41 17.9C                                                                 5:7S; 153.3E    49KM H=17 22 21:5 (U)
                                                                                         5:3S; 153.6E    33KM   17 22 21:3 (M)

1979 JUL 09    TONGA ISLANDS REGION                                                      /4.7( 2)/ D=151.0 DEG  AZ= 13
I PKP1       19 21 45.9C 1.4 /   26                                                    22.7S; 173.8W   33KM H=19 01 54   (I)

1979 JUL 10
I PKP        01 17 56.2C 1.2 /   19

1979 JUL 10    FIJI ISLANDS REGION                                                       /4.5( 2)/ D=148.3 DEG  AZ= 19
I PKP1       13 20 23.0  1.2 /   12                                                    20.7S; 177.7W  (533KM H=13 01 35   )(I)
I PKP2          20 39.5

1979 JUL 10    NEW HEBRIDES ISLANDS                                        MB=5.3(18)      D=142.4 DEG  AZ= 40
I PKP        15 44 13.5                                                                  19.0S; 168.5E    56KM H=16 29 08:0 (U)
E SKP           48 08                                                                    19.1S; 168.6E    33KM   16 29 04:4 (M)
                                                                                                                                (A)
1979 JUL 10    TRACES, EXPLOSION; SOUTHEASTERN AUSTRIA
               ERZBERG, STEIERMARK
E SG         16 55 20

1979 JUL 10
E               20 19 58
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1979 JUL 11
E               01 32 01

1979 JUL 11    NEAR EAST COAST OF HONSHU, JAPAN                            MB=5.6(105)     D= 81.4 DEG  AZ= 40
I P          AB 02 10 35.3C 1.1 /  130                                     MPV  =6.0                   36:6N; 141.2E    42KM H=01 58 21:8 (U)
I AP            10 47:2  1.4 /  250                                                      37:0N; 141.1E    33KM   01 58 23:1 (M)
E PP          B 13 40                                                                    DISTANCE  81 DEG     DEPTH  45 KM
E PPP         B 15 40
E S          AB 20 42
E PS          B 21 06                                                  MLH  =6.0
  LMH         B    49            T 18   AN   4.5 AE   4.5           MLV  =6.1
  LMV         B    51            T 15                     AV   6

1979 JUL 11
E               11 02 19

1979 JUL 11    OFF COAST OF SOUTHEASTERN ALASKA                            MB=5.1(47)      D= 70.9 DEG  AZ=341
E P          12 39 20                                                                    55:3N; 135.0W    10KM H=12 28 02:9 (U)
  LM          B 13 09            T 20   AN   1   AE   0.5 AV   1                      56:4N; 135.1W     3KM   12 28 09:9 (M)

1979 JUL 11    NORTHWEST TERRITORIES, CANADA                               MB=5.0(51)      D= 62.1 DEG  AZ=341
E P          14 17 51                                                                    62:8N; 127.7W    10KM H=14 07 28:9 (U)
                                                                                         63:0N; 127.9W    14KM   14 07 30:9 (M)

1979 JUL 11    FIJI ISLANDS REGION                                         MB=4.3( 3)      D=148.7 DEG  AZ= 22
I PKP1       17 20 46.4C 1.3 /   24                                                      21:4S; 178.9W   535KM H=17 01 58:7 (U)
I PKP2          20 52.1

1979 JUL 11    MONGOLIA                                                    MB=4.8(20)      D= 54.9 DEG  AZ= 55
E(P)         22 14 02                                                                    48:0N; 103.3E    41KM H=22 04 36:3 (U)
                                                                                         48:0N; 103.3E    33KM   22 04 35:4 (M)

1979 JUL 11
E               22 42 52

1979 JUL 12    NW-HUNGARY
E SG         04 36 15

1979 JUL 12    TONGA ISLANDS REGION                                        MB=4.4( 2)      D=150.5 DEG  AZ= 16
E PKP1       11 51 55                                                                    22:5S; 175.4W    51KM H=11 32 04:9 (U)
I APKP          52 10.5

1979 JUL 12    KOMANDORSKY ISLANDS REGION                                  MB=4.5(13)      D= 71.7 DEG  AZ= 16
E P          13 11 45                                                                    55:1N; 166.8E    33KM H=13 00 21:4 (U)
E               13 29                                                                    55:0N; 166.8E    33KM   13 00 21:8 (M)

1979 JUL 12
E               14 21 53

1979 JUL 12    FEDERAL REPUBLIC OF GERMANY
               TRACES, EXPLOSION
I PG         17 13 47:7
E SG            14 15
I               14 20.6

1979 JUL 12
E PKP        21 24 08    1.3 /   13                                       MB=5.5(14)      D=129.8 DEG  AZ=259
                                                                                         36:3S; 98.0W    10KM H=23 22 17:4 (U)
1979 JUL 12 / SOUTHERN PACIFIC OCEAN                                                     36:0S; 97.5W    33KM   23 22 23:8 (M)
    JUL 13
E PKP        23 41 28                                                    MB=4.8( 9)      D= 76.3 DEG  AZ= 32
  LM          B 00 39                                                                    44:6N; 146.5E   145KM H=23 57 14:2 (U)

1979 JUL 13    KURILE ISLANDS                                              MB=5.0( 4)      D=148.4 DEG  AZ= 16
I P          00 08 49.0C                                                                 20:5S; 176.1W   194KM H=03 02 43:2 (U)

1979 JUL 13    TRACES; FIJI ISLANDS REGION
E(PKP)       03 22 06

1979 JUL 13
I P             04 07 31.1                                               MB=4.9(12)      D= 84.1 DEG  AZ= 54
                                                                                         26:6N; 128.7E    33KM H=06 18 46:5 (U)
1979 JUL 13    RYUKYU ISLANDS                                                            27:0N; 128.4E    33KM   06 18 49:6 (M)
I(P)         06 31 10.3C
E AP            31 27                                                    MB=4.7( 3)      D= 85.5 DEG  AZ=130
                                                                                         20:1S; 67.3E    10KM H=07 38 04:3 (U)
1979 JUL 13    MID-INDIAN RISE
E               07 50 52

1979 JUL 13    KYUSHU, JAPAN                                               MB=5.9(27)      D= 79.7 DEG  AZ= 48
I P          AB 08 22 12.8C 2.2 /  670  2.0 /  210  1.8 /  110                         33:8N; 131.8E    60KM H=08 10 11:7 (U)
                            T  6   AN   0.5 AE   0.5 AV   1.7  MPV  =6.2              34:0N; 131.8E    63KM   08 10 11:5 (M)
I AP         AB    22 31.1                                                           DISTANCE  78 DEG     DEPTH  70 KM
E PP         AB    25 13
E S          AB    32 09            T  8   AN   2.5 AE   2.5           MSH  =6.5
E XS          B    32 34
E XSS         B    37.8                                                 MLH  =6.0  (NO DEPTH CORRECTION)
  LMH         B    56               T 20   AN   4   AE   4.2           MLV  =5.9  (NO DEPTH CORRECTION)
  LMV         B 09 01               T 14   AN   2   AE   2.5 AV   3.5
  FINAL       09 30

1979 JUL 13    KERMADEC ISLANDS REGION                                     MB=5.4(10)      D=156.2 DEG  AZ= 22
E PKP1       17 28 32                                                                    28:7S; 176.8W    33KM H=17 08 31:0 (U)
I PKP2          28 50.8                                                                  28:6S; 177.1W     3KM   17 08 26:7 (M)
I APKP2         29 03.0

1979 JUL 13    HOKKAIDO, JAPAN, REGION                                     MB=4.7(21)      D= 77.3 DEG  AZ= 36
I P          22 13 23.6                                                                  42:0N; 142.7E    59KM H=22 01 54:1 (U)
                                                                                         41:8N; 143.0E    48KM   22 01 50:7 (M)
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		MB=4.8(43)	D= 66.3 DEG AZ= 79
1979 JUL 13	BURMA		24:9N 95.3E 97KM H=23 20 08:8 (U)
E AP	23 31 10		24:6N 95.6E 85KM 23 20 04:6 (M)
E	31 31		
		MB=5.0(74)	D= 227.9 DEG AZ= 85
1979 JUL 14	UNDERGROUND EXPLOSION		47:8N 48.1E 0KM H=04 59 55:1 (U)
I P	48 05 05 01.2C 1.3 / 360 1.3 / 69 1.2 / 250		47:9N 48.2E 0KM 04 59 57:4 (S)
I	05 05.3		DISTANCE 22.5 DEG
I PCP	08 56.9		
E SN	09 10		
E	09 27		
LM B	15.7		
		MB=4.4(1)	D=147.9 DEG AZ= 19
1979 JUL 14	FIJI ISLANDS REGION		20:2S:177.4W 484KM H=06 09 53:5 (U)
E PKP1	06 24 44 1.1 / 15		
I PKP2	24 47.9		
		MB=4.7(4)	D= 77.4 DEG AZ= 33
1979 JUL 14	KURILE ISLANDS		43:4N:146.5E 124KM H=08 10 47:9 (U)
I P	08 22 31:3C 1.1 / 11		
1979 JUL 14			
E	11 14 43		
		MB=3.9(1)	D= 9.8 DEG AZ=154
1979 JUL 14	YUGOSLAVIA-ALBANIA COAST REG, **		42:3N 18.7E 10KM H=11 29 08:4 (U)
E	11 33 46		42:2N 18.8E 10KM 11 29 09:2 (S)
E SG	34 35		
1979 JUL 14	POLAND, UPPER SILESIA		
E SG	12 46 71		
1979 JUL 14	WESTERN POLAND		
E PN	15 31 32		
I SG	31 59.5		
1979 JUL 14	NORTHERN ITALY FRIULI	NO MB COMP.	D= 5.0 DEG AZ=183
E SG	15 43 22		46:3N 12.6E 10KM H=15 40 44:8 (U)
1979 JUL 14	THRACE		
E	15 36 43		
1979 JUL 14	KERMADEC ISLANDS REGION	MB=4.3(2)	D=157.5 DEG AZ= 31
I PKP2	17 09 [illegible].9C 1.[illegible] / 21		31:0S:179.9E 379KM H=16 49 22:1 (U)
1979 JUL 14			
I P	21 11 31.0C 0.9 / 17		
1979 JUL 15	FOX ISLANDS, ALEUTIAN ISLANDS	MB=5.4(93)	D= 77.1 DEG AZ= 2
I P	00 02 11.5C 1.4 / 60		51:9N:170.6W 39KM H=05 50 21:1 (U)
E	02 30		52:5N:170.8W 33KM 05 50 23:5 (M)
E	06 57		
1979 JUL 15	COSTA RICA	MB=4.9(18)	D= 87.2 DEG AZ=280
I P	11 35 01.2C 1.2 / 49		8:4N 83.0W 36KM H=11 22 56:8 (U)
1979 JUL 15	NORTH OF ASCENSION ISLAND	MB=4.5(21)	D= 57.9 DEG AZ=214
E P	15 16 [illegible]		1:7S 14.9W 10KM H=15 06 43:0 (U)
			1:0S 13.8W 33KM 15 06 53:4 (M)
1979 JUL 15	NEW HEBRIDES ISLANDS	MB=5.4(10)	D=142.6 DEG AZ= 40
E PKP	13 59 13		19.1S:168.7E 55KM H=18 39 47:0 (U)
			19.2S:169.1E 33KM 18 39 43:7 (M)
1979 JUL 15			
E PKP	20 37 13 1.4 / 15		
1979 JUL 15	LEEWARD ISLANDS	MB=4.6(30)	D= 66.6 DEG AZ=270
I P	22 04 34.8C		18:0N 61.6W 33KM H=21 53 45:9 (U)
INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 05H 54M TO 06M 25M			
1979 JUL 16	KURILE ISLANDS	MB=4.7(26)	D= 77.6 DEG AZ= 33
I P	05 52 42.7C 1.0 / 24		43.3N:146.8E 45KM H=05 40 50:0 (U)
E AP	52 54		42:2N:148.2E 33KM 05 40 39:7 (M)
1979 JUL 16			
I P	06 01 53.9C		
1979 JUL 16	TIBET	MB=4.6(17)	D= 54.8 DEG AZ= 77
E P	08 09 41		34:5N 87.6E 33KM H=06 00 12:2 (U)
			35:3N 88.0E 33KM 06 00 17:2 (M)
1979 JUL 16	KURILE ISLANDS	MB=4.9(54)	D= 75.4 DEG AZ= 27
I P	20 40 33.1C 0.9 / 81		47:8N:152.8E 130KM H=20 28 32:9 (U)
			47:8N:152.9E 140KM 20 28 33:3 (M)
1979 JUL 16	TRACES: KURILE ISLANDS	/4.6(2)/	D= 76.6 DEG AZ= 27
E P	21 16 41		46:5N:152.8E 92KM H=21 08 55:7 (I)
1979 JUL 16	SOUTHERN ALASKA	MB=4.6(38)	D= 67.6 DEG AZ=353
E P	23 56 41		60:9N:153.0W 141KM H=23 49 58:5 (U)
1979 JUL 17	COSTA RICA	MB=5.0(17)	D= 87.4 DEG AZ=280
I P	05 33 17.6 1.2 / 10		8:3N 83.2W 43KM H=06 20 31:6 (U)
1979 JUL 17	TONGA ISLANDS	/4.9(5)/	D=149.7 DEG AZ= 14
E PKP1	12 46 15 C 1.8 / 40		21.5S:174.4W 33KM H=12 26 27:8 (I)

1979 JUL 17	COSTA RICA	MB=4.7(13)	D= 87.3 DEG AZ=280
E P	14 55 46		8:4N 83.1W 41KM H=14 43 02:2 (U)
1979 JUL 17	SOUTHWEST OF SUMATERA	MB=5.7(75)	D= 90.8 DEG AZ= 96
I P	16 14 16.8C 1.9 / 145		4:4S 98.8E 31KM H=16 01 15:1 (U)
LM B	17 02		4:3S 98.7E 46KM 16 01 17:1 (M)
			D= 4.5 DEG AZ=278
1979 JUL 17	THE NETHERLANDS		51:7N 5.9E 5KM H=16 48 56:1 (B)
E SG	16 51 26		
1979 JUL 17	RED SEA	MB=5.2(28)	D= 40.1 DEG AZ=138
E P	17 14 34 .C 2.0 / 36		17:4N 40.1E 13KM H=17 06 57:7 (U)
			17:0N 40.0E 33KM 17 06 57:5 (M)
1979 JUL 17	SOUTHWEST OF SUMATERA	MB=5.0(22)	D= 90.8 DEG AZ= 96
I P	17 59 39:1C 1.3 / 15		4:5S 98.7E 33KM H=17 46 37:6 (U)
			4:3S 98.8E 33KM 17 46 38:3 (M)
1979 JUL 17	CENTRAL ALASKA	MB=5.3(92)	D= 65.7 DEG AZ=350
I P	20 55 09.4C 1.8 / 70		62:3N:148.1W 58KM H=20 44 29:5 (U)
E AP	55 25		63:0N:148.5W 56KM 20 44 33:0 (M)
E XP	55 32		DEPTH 60 KM
I	55 51.3		
E PKPPKP	21 23 50		
1979 JUL 17	SHIKOKU, JAPAN	MB=4.8(8)	D= 80.9 DEG AZ= 48
E P	22 33 27		32:8N:132.7E 30KM H=22 28 14:0 (U)
E AP	33 36		
LV B	23 [illegible].3		
1979 JUL 18	FIJI ISLANDS REGION	MB=5.3(28)	D=148.7 DEG AZ= 22
E PKIKP	00 49 25		21:3S:178.8W 564KM H=00 30 45:7 (U)
I PKP1	49 30.3C 1.3 / 105		21:3S:177.3W 126KM 00 29 58:9 (M)
I PKP2	49 36:0C 1.1 / 50	MC =5.0	DISTANCE 148 DEG DEPTH 560 KM
E APKP	51 43		
E PP	53 03		
1979 JUL 18	UNDERGROUND EXPLOSION	MB=3.1(51)	D= 30.9 DEG AZ= 66
I P	03 24 40:1C 0.6 / 26		49:9N 77.8E 0KM H=03 17 02:5 (U)
E PN	26 06		
1979 JUL 18	BANDA SEA	MB=3.5(45)	D=111.0 DEG AZ= 75
I PKP	08 15 59:8C 1.0 / 16		7:5S:127.5E 171KM H=07 57 45:3 (U)
			7:3S:127.5E 113KM 07 57 39:8 (M)
1979 JUL 18	ALASKA PENINSULA	MB=4.8(39)	D= 71.9 DEG AZ=354
I P	12 50 43:8C		56:8N:156.6W 27KM H=12 39 25:0 (U)
			56:4N:156.9W 33KM 12 39 20:3 (M)
1979 JUL 18	WESTERN TURKEY	MB=5.2(62)	D= 16.8 DEG AZ=131
E P AB	13 15 48 1.6 / 80		39:7N 28.7E 10KM H=13 12 02:5 (U)
E S B	18 52		39:6N 28.7E 10KM 13 12 04:9 (S)
LMH B	21 T 14.5 AN 5 AE 6.5	MLH =5.0	39:8N 28.7E 3KM 13 12 01:8 (M)
LMV B	22 T 12 AV 5.5	MLV =5.1	DISTANCE 17 DEG
FINAL	14		
1979 JUL 18			
E	16 38 45		
I	38 48.0		
1979 JUL 18	AFGHANISTAN-USSR BORDER REGION	MB=4.5(24)	D= 43.4 DEG AZ= 86
I P	19 2A 29:4C		36.6N 71.4E 171KM H=19 18 42:5 (U)
			36:6N 71.4E 169KM 19 18 42:1 (M)
1979 JUL 18	OFF EAST COAST OF KAMCHATKA	MB=4.4(6)	D= 72.9 DEG AZ= 20
E P	20 50 21		52:7N:160.9E 85KM H=20 38 59:7 (U)
1979 JUL 19	NEAR EAST COAST OF HONSHU, JAPAN	MB=4.9(47)	D= 79.4 DEG AZ= 38
I P	01 42 00:0C 1.0 / 16		39:3N:142.0E 61KM H=01 29 59:6 (U)
			39:6N:142.0E 61KM 01 30 00:8 (M)
1979 JUL 19	TRACES: KURILE ISLANDS	MB=4.6(4)	D= 76.1 DEG AZ= 27
E P	04 18 19		47.0N:152.5E 33KM H=04 06 34:1 (U)
1979 JUL 19	TRACES: AFGHANISTAN-USSR BORDER REGION	MB=4.8(31)	D= 43.3 DEG AZ= 85
E P	04 45 05		37:2N 71.8E 100KM H=04 37 11:5 (U)
E XP	45 41		37.2N 71.7E 100KM 04 37 12:0 (M)
1979 JUL 19	KERMADEC ISLANDS REGION	MB=4.8(12)	D=157.7 DEG AZ= 31
I PKP2	08 40 12.4C 1.3 / 36		31:2S:179.8E 493KM H=08 20 31:6 (U)
1979 JUL 19			
E	09 25 26		
1979 JUL 19			
E	11 33 34		
1979 JUL 19	TRACES: AFGHANISTAN-USSR BORDER REGION	MB=4.3(8)	D= 43.0 DEG AZ= 86
E P	11 59 58		36:5N 71.3E 228KM H=11 58 16:5 (U)
			36:8N 71.1E 240KM 11 58 18:8 (M)
1979 JUL 19			
I(P)	16 42 10.5C 0.6 / 17		
1979 JUL 19			
E	21 20 11		

1979 JUL 20 FIJI ISLANDS REGION
E PKIKP 01 29 08
I PKP1 29 12:2C 0,9 / 115
I PKP2 29 16:9C 1,0 / 78
E APKP 31 27
MB=5.4(37) D=148,0 DEG AZ= 20
20:5S;178,4W 558KM H=01 10 28:7 (U)
20:4S;178,2W 190KM 01 09 50:8 (M)
MC =5,2 DISTANCE 147:5 DEG DEPTH 370 KM

1979 JUL 20 YUGOSLAVIA-ALBANIA COAST REG, ++
E SG 03 01 37
E 01 56
E 02 45
MB=3.6(2) D= 10,5 DEG AZ=154
41:9N; 19,1E 10KM H=02 56 03:6 (U)
41:9N; 19,2E 10KM 02 56 05:2 (B)

1979 JUL 20 DODECANESE ISLANDS
E P 03 58 48 1,5 / 25
MB=4.2(17) D= 19,0 DEG AZ=142
35:3N; 27,1E 33KM H=03 59 28:0 (U)
35:4N; 27,2E 49KM 03 59 32:1 (B)
35:4N; 27,2E 33KM 03 59 28:2 (M)

1979 JUL 20
E 06 54 57
E 54 14
MB=4.3(1) D=123,2 DEG AZ= 53
6:3S;150,8E 33KM H=08 19 32:0 (U)

1979 JUL 20 NEW BRITAIN REGION
E PKP 08 38 24
MB=5.3(20) D=136,8 DEG AZ= 38
13:3S;167,4E 36KM H=12 49 31:9 (U)
13:3S;167,2E 59KM 12 49 33:9 (M)

1979 JUL 20 NEW HEBRIDES ISLANDS
E 13 09 00
MB=4.7(5) D=148,7 DEG AZ= 19
18:0S;177,9W 587KM H=13 29 52:4 (U)

1979 JUL 20 FIJI ISLANDS REGION
E PKP1 13 43 29
MB=4.4(2) D=155,2 DEG AZ= 20
27:5S;176,1W 33KM H=14 47 09:1 (U)

1979 JUL 20 KERMADEC ISLANDS REGION
E PKP1 15 07 11
MB=5.1(52) D= 83:1 DEG AZ= 61
23:2N;121,7E 27KM H=15 12 28:9 (U)
23:5N;121,9E 33KM 15 12 31:2 (M)

1979 JUL 20 TAIWAN
I P 15 24 52.8C 0,8 / 24
E AP 25 04
E 27 47

1979 JUL 20
E 17 58 53

1979 JUL 20 QUESTIONABLE EVENT
E PG 18 46 30
I SG 46 53.0

1979 JUL 20 NORTHERN COLOMBIA
E P 20 18 52
E 18 58
MB=4.9(40) D= 82,2 DEG AZ=271
6:8N; 73,0W 166KM H=20 06 47:4 (U)

1979 JUL 20 KURILE ISLANDS
I P AB 21 31 32.9C 1,2 / 155
I AP 32 03.0
E 33 27
E APP 34 58
MB=5.2(91) D= 75,5 DEG AZ= 27
47:5N;152,3E 132KM H=21 20 02:3 (U)
47:9N;151,8E 120KM 21 20 03:9 (M)

1979 JUL 20 SOUTH OF KERMADEC ISLANDS
E PKP2 21 56 16
E 56 30
MB=3.4(9) D=160,0 DEG AZ= 31
33.4S;179,3W 101KM H=21 39 51:1 (U)

1979 JUL 20
E 22 06 26

1979 JUL 20 SOUTH OF FIJI ISLANDS
E PKIKP 23 03 45 1,7 / 26
I PKP1 03 51.6C 1,0 / 110
I PKP2 04 02:2 1,6 / 74
E 04 34
E 05 56
I APKP AB 05 59:7
E 10 54
E SKKS 13 30
MB=3.4(48) D=150,8 DEG AZ= 24
23:3S;179,9W 530KM H=22 48 59:9 (U)
23:5S;179,5W 490KM 22 48 51:3 (M)
MC =5,1 DISTANCE 151 DEG DEPTH 540 KM

1979 JUL 21 TRACES
E 01 09 27

1979 JUL 21 NEAR EAST COAST OF KAMCHATKA
I P 02 00 33.0C 1,4 / 16
E AP 01 52
MB=4:9(52) D= 72,9 DEG AZ= 22
51,9N;157,6E 121KM H=01 49 17:1 (U)
52,0N;157,7E 105KM 01 49 15:1 (M)

1979 JUL 21 TONGA ISLANDS
E PKP1 03 42 26
E 45 37
MB=4.0(2) D=146,8 DEG AZ= 12
18:5S;174,0W 33KM H=03 22 49:6 (U)

1979 JUL 21 HINDU KUSH REGION
E P 05 07 24
E 09 18
MB=4.9(31) D= 43,0 DEG AZ= 87
36:5N; 70,7E 234KM H=04 59 46:7 (U)
36:5N; 70,7E 230KM 04 59 46:9 (M)

1979 JUL 21 GREENLAND SEA
E(P) 05 34 32 1,7 / 30
E S B 38 36
LM B 43
MB=4:4(15) D= 24,2 DEG AZ=354
73:0N; 5,8E 10KM H=05 29 40:4 (U)
72:9N; 5,8E 10KM 05 29 43:2 (B)
72:5N; 7,0E 1KM 05 29 45:3 (M)

1979 JUL 21 NEAR COAST OF CHIAPAS, MEXICO
I P AB 12 25 10.1C 1,4 / 50
T 6 AV 1,3
E 25 21
E 27 45
E(PP) 28 32
E SKS B 35 39
E S AB 36 00 T 9 AE 2,0
LM B 13 02 T 20 AN 0,5 AE 1 AV 1,5
MB=5.7(81) MSH =6,1
MLH =5,3 MLV =5,5
D= 89:1 DEG AZ=291
14:0N; 93,4W 26KM H=12 18 14:0 (U)
14:5N; 93,4W 1KM 12 18 12:5 (M)
DISTANCE 88 DEG

1979 JUL 21 SOUTHERN IRAN
E P 15 16 10
MB=4.6(3) D= 40,5 DEG AZ=108
28:0N; 57,1E 33KM H=15 08 33:9 (U)

1979 JUL 21 TRACES? SOUTH OF FIJI ISLANDS
E PKP1 20 10 49
/4.2(1)/ D=151:1 DEG AZ= 18
23:3S;176,4W 80KM H=19 51 07 (I)

1979 JUL 22
E 01 49 47

1979 JUL 22
E 03 02 19

1979 JUL 22 LUZON, PHILIPPINE ISLANDS
E P AB 05 44 38
E PP 48 20
E S B 55 40
LMH B 06 26 T 20 AN 3 AE 1,5 AV 1
LMV B 31 T 10 AN 1,5 AE 2 AV 2
MB=5.5(62) MLH =5,8
MLV =5,7
D= 92,2 DEG AZ= 65
13:9N;124,5E 48KM H=05 35 33:3 (U)
13:8N;124,5E 50KM 05 35 33:4 (M)

1979 JUL 22
E 08 38 45

1979 JUL 22 NORTHERN ITALY
E PG 10 35 41
E SN 36 18
E SG 36 42
NO MB COMP, D= 5,3 DEG AZ=187
46:0N; 12,1E 10KM H=10 35 56:0 (U)
46:0N; 12,2E 31KM 10 35 59:2 (B)

1979 JUL 22 MID-INDIAN RISE
E P 13 23 21
MB=5.4(4) D= 74,3 DEG AZ=123
7:0S; 67,2E 10KM H=13 15 39:9 (U)

1979 JUL 22 KURILE ISLANDS
I P 13 48 44.2C 1,2 / 21
MB=4:7(43) D= 75,1 DEG AZ= 26
48:4N;153,6E 136KM H=13 37 17:2 (U)
48:0N;153,7E 119KM 13 37 12:5 (M)

1979 JUL 22 FIJI ISLANDS REGION
E PKP 14 54 32
MB=5.0(32) D=144,9 DEG AZ= 17
17:1S;177,2W 421KM H=14 35 41:4 (U)

1979 JUL 22
I PKP 18 49 17.0C

1979 JUL 22 RED SEA
E P 18 59 31
/4.1(7)/ D= 40,1 DEG AZ=138
17:4N; 40,0E 33KM H=18 51 58 (I)

1979 JUL 22 EAST PAPUA NEW GUINEA REGION
I APKP 20 49 39.7C 0,7 / 10
MB=2.0(5) D=120,6 DEG AZ= 96
5:4S;147,3E 187KM H=20 30 23:8 (U)

1979 JUL 22 KERMADEC ISLANDS REGION
I PKP2 23 39 55.0C
E 40 29
MB=5.1(10) D=157,7 DEG AZ= 22
30:2S;176,6W 47KM H=23 19 30:1 (U)
30:3S;175,9W 33KM 23 19 28:8 (M)

1979 JUL 23 PRG, CENTRAL REGION
E PG 10 43 20
I SG 43 59
NO MB COMP, D= 3,2 DEG AZ=250
50:1N; 8,3E 10KM H=10 42 16:1 (U)

1979 JUL 23 CRETE
E P 11 45 46
D= 18,5 DEG AZ=143
35:7N; 26,4E 60KM H=11 45 31:1 (B)

1979 JUL 23 CRETE
I P AB 11 46 10.0C T 9 AN 1,0 AE 1,5 AV 2,2
I PP 46 27.3
E S B 49 38 T 13 AN 1,9 AE 2,0 AV 4,4
LMH B 54.0 T 10 AN 11 AE 10 AV 8,5
LMV B 55 T 14 AN 11 AE 11,5 AV 11
FINAL 13
MB=5.2(80) MLH =5,6
MLV =5,6
D= 18,5 DEG AZ=144
35:5N; 26,3E 33KM H=11 45 54:6 (U)
35,7N; 26,4E 60KM 11 46 00:4 (B)
35:4N; 26,4E 33KM 11 45 54:1 (M)
DISTANCE 19 DEG

1979 JUL 23 TRACES? PAPUA NEW GUINEA
E(PKP) 14 19 46
MB=4.2(1) D=117,9 DEG AZ= 59
4:5S;143,7E 117KM H=14 05 19:9 (U)

1979 JUL 23
E SG 18 14 03

1979 JUL 23 TRACES? CRETE
E 20 18 23
MB=3.9(6) D= 19,0 DEG AZ=145
34:9N; 26,2E 33KM H=20 14 15:7 (U)
35:4N; 26,5E 60KM 20 14 23:0 (B)

1979 JUL 23 KURILE ISLANDS
I P 22 27 17.5C 1,2 / 30
MB=4.8(45) D= 76,2 DEG AZ= 28
46:6N;151,8E 105KM H=22 19 40:2 (U)
46,6N;151,8E 110KM 22 19 40:3 (M)

1979 JUL 23 AZORES ISLANDS REGION
E P 22 41 59
MB=4.4(9) D= 34,3 DEG AZ=264
37:7N; 32,0W 10KM H=22 39 12:6 (U)
37:9N; 31,8W 10KM 22 39 10:1 (B)

1979 JUL 24 TONGA ISLANDS
I PKP1 00 00 37.0
MB=4.6(1) D=147,3 DEG AZ= 14
19:1S;174,7W 33KM H=23 40 56:1 (U)

1979 JUL 24 TONGA ISLANDS
E PKIKP 01 13 39
I PKP1 AB 13 43.2 1,8 / 255
T 11 AV 2,5
I APKP 13 53.5 1,7 / 270
I 14 04.2
E PSKS B 27.5
LMV B 02 20 T 20 AN 1,5 AE 1 AV 2,5
LMH B 28 T 17 AN 1,5 AE 1 AV 2
FINAL 04
MB=5.7(55) MLV =6,0
MLH =5,8
D=148,7 DEG AZ= 13
20:5S;174,2W 33KM H=00 55 57:9 (U)
20:3S;174,8W 40KM 00 56 00:4 (M)

1979 JUL 24 SOUTH OF HONSHU, JAPAN
E(P) 03 21 45
E 24 33
E PP 25 06
MB=5.1(41) D= 88,1 DEG AZ= 43
29:3N;142,1E 33KM H=03 08 51:3 (U)
29:5N;142,2E 33KM 03 08 52:1 (M)

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1979 JUL 24                                                    MB=4.6( 6)      D= 81.8 DEG  AZ= 40
E          04 28 38                                                            36.0N;140.9E    55KM H=05 29 41;4 (U)

1979 JUL 24   NEAR EAST COAST OF HONSHU, JAPAN                 MB=5.2( 5)      D=148.6 DEG  AZ= 14
E P        05 41 55                                                            20;4S;174.5W    33KM H=07 34 50;1 (U)

1979 JUL 24   TONGA ISLANDS
E PKP1     07 54 35                                            MB=4.4( 9)      D= 75.0 DEG  AZ= 91
I APKP        54 46.3                                                          11;1N; 92.7E    33KM H=07 35 43;1 (U)

1979 JUL 24   ANDAMAN ISLANDS REGION                           MB=5.2(43)      D=145.0 DEG  AZ= 20
E P        08 07 23                                                            17;5S;178.9W    533KM H=09 25 58;0 (U)
                                                                               17;6S;178.5W    410KM    09 25 45;7 (M)
1979 JUL 24   FIJI ISLANDS REGION
I PKP      09 40 35.7E 0.8 /  175
E             42 59
I SKP         43 26.4                                          MB=4.0( 2)      D=148.4 DEG  AZ= 14
                                                                               20;2S;174.7W    173KM H=14 51 14;8 (U)
1979 JUL 24   TONGA ISLANDS
E(PKP1)    15 10 44
E             10 56                                            MB=4.2( 2)      D= 82.4 DEG  AZ= 61
                                                                               24;1N;121.7E    33KM H=15 20 28;8 (U)
1979 JUL 24   TRACES; TAIWAN
E P        15 32 47

1979 JUL 24
E          17 00 32                                                    /4.2( 1)/ D=147.6 DEG  AZ= 17
                                                                               19;7S;176.6W (572KM H=16 50 49  )(I)
1979 JUL 24   FIJI ISLANDS REGION
I PKP1     17 09 43.8E 0.7 /  14                                MB=5.3(71)      D=101.5 DEG  AZ= 93
                                                                               11;1S;107.7E    31KM H=19 31 19;8 (U)
1979 JUL 24   SOUTH OF JAVA                                                    10;9S;107.6E    46KM    19 31 22;3 (M)
I P        48 19 45 10.7E 1.9 /  44
E             45 26                                    AV   1.5   MPV  =6.5
E          R  45 47    T 12
E             48 06
I             48 29.0
I PP          49 23.9
E          R  49 44    T 11   AN   0.3 AE   2.0 AV   5.4   MPPM =6.8 MPPV =7.0
E          R  52.0
E SKKS     R  56 28
E S        R  56 48
E SKS      R  59.7
E PKKP2       01 01 46
E(SS)      R  03.7
E PKPPKP      09 37
E SSSS     R  11.6
E SKPPKP      13 40
  L        R  26       T 32   AN   45.3 AE   31.3 AV   31.5   MLR  =7.0
  LMH      R  31       T 32   AN   49   AE   14.3             MLH  =7.0
  LMV      R  37       T 19   AN   32   AE   20   AV   31     MLV  =6.9
  FINAL       23 30

1979 JUL 24   NEW HEBRIDES ISLANDS                             MB=5.2( 4)      D=142.8 DEG  AZ= 39
I PKP      20 10 57.9E 1.5 /  32                                               19.1S;169.2E    259KM H=19 51 55;9 (U)

1979 JUL 24
E          21 24 24

1979 JUL 24   SOUTH OF PANAMA                                  MB=4.9(35)      D= 88.2 DEG  AZ=279
E P        22 17 58                                                             6;8N; 82.6W    33KM H=22 05 08;8 (U)
E             18 22

1979 JUL 24   ALASKA PENINSULA                                 MB=4.9(46)      D= 74.8 DEG  AZ=356
I P        22 35 33.6  1.1 /  16                                               54;1N;160.9W    33KM H=22 23 24;8 (U)
                                                                               53;8N;161.2W     3KM    22 23 19;2 (M)

1979 JUL 24   KURILE ISLANDS                                   MB=4.5(17)      D= 76.9 DEG  AZ= 31
E P        23 05 43                                                            44;6N;148.3E    63KM H=22 53 56;8 (U)

1979 JUL 24   POLAND, UPPER SILESIA
E          23 17 02

1979 JUL 24   CRETE                                            MB=4.3(25)      D= 18.6 DEG  AZ=144
E P        23 34 22                                                            35;4N; 26.3E    33KM H=23 30 06;0 (U)
  LM       R  42                                                               35;5N; 26.5E    79KM    23 30 11;5 (B)
                                                                               34;4N; 25.7E     3KM    23 29 53;7 (M)
1979 JUL 25   SOUTHERN ITALY
I P        00 20 57.2                                          MB=4.6( 6)      D= 12.2 DEG  AZ=172
                                                                               39;2N; 15.1E    304KM H=00 18 10;8 (U)
                                                                               39;2N; 15.2E    310KM    00 18 12;5 (B)
1979 JUL 25
E          00 28 48

1979 JUL 25   SOUTH OF FIJI ISLANDS
I PKP1     01 36 38;0E 0.6 /  13                               MB=4.5( 2)      D=150.1 DEG  AZ= 24
I PKP2        36 44;9                                                          23;1S;179.9W (514KM H=01 17 50;9)(U)

1979 JUL 25
E          04 41 56

1979 JUL 25   FIJI ISLANDS REGION
I PKP1     09 41 59.0E 0.7 /  38                               MB=4.9(15)      D=146.3 DEG  AZ= 19
I PKP2        42 00;2  1.1 /  31                                               18;7S;178.0W    479KM H=09 25 11;5 (U)
                                                                               18;7S;177.7W    33KM    09 25 23;1 (M)
1979 JUL 25   CENTRAL YUGOSLAVIA
E          14 11 19                                         NO MB COMP.      D=  8.3 DEG  AZ=158
I             12 38;8                                                          43.5N; 17.2E    10KM H=14 08 52;6 (U)
E             12 50                                                            43;5N; 17.3E    10KM    14 08 54;2 (B)
E SG       AB 14 13 22
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1979 JUL 25   TJAMOTU EXPLOSION                               MB=6.0(41)      D=143.9 DEG  AZ=313
I PKP      18 16 33.0  1.5 /  100                                             21;9S;139.0W     0KM H=17 56 58;3 (U)
E             17 23
E SKSP        30 08

1979 JUL 25   CRETE                                           MB=4.2(30)      D= 18.6 DEG  AZ=144
E P        19 33 41                                                            35;4N; 26.3E    33KM H=19 29 23;9 (U)
E             33 54                                                            35;4N; 26.5E    59KM    19 29 28;1 (B)
  LM       B  41                                                               35;0N; 26.0E    33KM    19 29 21;2 (M)

                                                                               D=213 KM  AZ= 83
1979 JUL 25   WESTERN POLAND                                                   51;5ONI16.05E                            (P)
I PN       20 45 00.6                                                          DISTANCE 220 KM
E             45 07
E SG          45 29

1979 JUL 25   TRACES
E          21 22 20

1979 JUL 25   OFF EAST COAST OF HONSHU, JAPAN                  MB=5.0(26)      D= 79.7 DEG  AZ= 35
I AP       23 23 52.4C 1.4 /  16                                               40;1N;144.9E    63KM H=23 11 38;3 (U)
                                                                               40;4N;144.7E    93KM    23 11 43;4 (M)

1979 JUL 26   GERMAN DEMOCRATIC REPUBLIC
I SG       02 23 33.0

1979 JUL 26
E          07 27 48

1979 JUL 26   CRETE                                           MB=4.9( 9)      D= 17.3 DEG  AZ=149
E P        12 15 14                                                            35;8N; 23.8E    33KM H=12 11 11;7 (U)
                                                                               36.1N; 24.0E    67KM    12 11 18;6 (B)
1979 JUL 26   OFF EAST COAST OF HONSHU, JAPAN                  MB=5.0(46)      D= 83.8 DEG  AZ= 41
I P        15 23 07.6  1.1 /  25                                               33;9N;141.5E    33KM H=15 10 40;1 (U)
  LM       B 16 04                                                             34;4N;141.5E    33KM    15 10 42;6 (M)

1979 JUL 26   ALEUTIAN ISLAND REGION                          MB=5.0(57)      D= 78.3 DEG  AZ=  3
I P        18 01 09.2E 0.9 /  15                                               50.7N;171.8W    33KM H=17 49 11;3 (U)
                                                                               50.7N;172.2W    33KM    17 49 11;6 (M)

1979 JUL 26
E          16 14 06

1979 JUL 26   CENTRAL YUGOSLAVIA                             NO MB COMP.      D=  9.0 DEG  AZ=152
E          19 08 08                                                            43;2N; 18.8E    10KM H=19 05 41;1 (U)
E             08 52                                                            43;2N; 19.0E    10KM    19 05 42;7 (B)
E SG       AB 10 46
  LMV      B  11.8

1979 JUL 26   TRACES; KERMADEC ISLANDS                         MB=5.4( 3)      D=157.6 DEG  AZ= 26
E PKP2     20 17 33                                                            30;4S;178.0W    65KM H=19 57 12;2 (U)

1979 JUL 26
I(P)       22 15 50.9E 0.6 /  24

1979 JUL 27
E          02 06 29
E SG          06 44

1979 JUL 27
E L        03 16 02
E L           27 04

1979 JUL 27   TRACES; EASTERN SIBERIA                          MB=4.6(13)      D=  64.8 DEG  AZ= 10
E P        04 39 29                                                            63;1N;172.6E    33KM H=04 28 50;3 (U)
                                                                               63;3N;172.3E     3KM    04 28 48;2 (M)

1979 JUL 27   NEAR EAST COAST OF KAMCHATKA                     MB=5.0(65)      D=  72.1 DEG  AZ= 20
I P        05 05 19;6E 1.4 /  48                                               53;2N;159.6E    76KM H=04 54 01;2 (U)
E AP          05 38                                                            53;3N;159.3E    76KM    04 54 01;9 (M)
I             05 58;3
E S           14 36

1979 JUL 27   NEAR NORTH COAST OF GREENLAND                    MB=4.6(43)      D=  31.2 DEG  AZ=352
E P        11 10 36                                                            81;2N; 14.3W    10KM H=11 04 15;3 (U)
                                                                               81;0N; 14.3W    10KM    11 04 19;2 (B)
                                                                               81;3N; 14.6W     3KM    11 04 14;1 (M)

1979 JUL 27   TRACES, EXPLOSION; FEDERAL REPUBLIC OF GERMANY
E PG       14 45 34
E SG          46 03

1979 JUL 27   SOLOMON ISLANDS                                 MB=5.1(19)      D=126.6 DEG  AZ= 48
E PKP      14 52 14  D                                                          7;4S;155.9E     50KM H=14 33 14;6 (U)
                                                                               6;9S;156.0E     33KM    14 33 14;9 (M)

1979 JUL 27   NEAR COAST OF CHIAPAS, MEXICO                   MB=4.6(38)      D=  88.8 DEG  AZ=290
E P        18 53 44                                                            14.1N; 92.1W    78KM H=18 40 59;4 (U)

1979 JUL 27
E          19 03 33

1979 JUL 27   MINAHASSA PENINSULA                             MB=5.3(33)      D=100.6 DEG  AZ= 76
E APP      19 50 42                                                            0;5N;120.7E    103KM H=19 32 36;6 (U)
                                                                               0;4N;120.8E     56KM    19 32 30;4 (M)
```

1979 JUL 28 FIJI ISLANDS REGION
E PKIKP 05 14 48
I PKP1 14 49.6C 1.1 / 100
MB=5.0(13) D=145.6 DEG AZ= 19
18:18:178.4W 592KM H=04 56 15.7 (U)

1979 JUL 28
E 05 54 33

1979 JUL 28
E 07 36 06

1979 JUL 28 SAKHALIN ISLAND
I P AB 15 34 07.4C 2.1 / 170
E 34 24
E S B 43 23
LH B 16 02
LM B 07 T 13 AN 2 AE 1 AV 1
MB=5.5(105) D= 70.3 DEG AZ= 32
50:0N:142.6E 25KM H=15 28 54.9 (U)
50:1N:142.6E 33KM 15 28 55.8 (M)
MLH =5.7 MLV =5.4

1979 JUL 28 NEAR EARTHQUAKE
E 16 42 42 (A)

1979 JUL 28 RYUKYU ISLANDS
E P 17 07 14
MB=4.7(8) D= 84.8 DEG AZ= 57
24:4N:126.7E 33KM H=16 58 40.0 (U)
25:5N:125.9E 33KM 16 58 48.8 (M)

1979 JUL 28 NEAR S. COAST OF HONSHU, JAPAN
E P 18 54 10
MB=4.4(19) D= 82.2 DEG AZ= 44
33:9N:137.9E 317KM H=18 48 23.0 (U)
32:5N:138.1E 3KM 18 48 40.6 (A)

1979 JUL 28 OFF COAST OF MEXICO
E PP AB 20 23 20
E PS B 32.2
E SS B 37.9
LM B 59 T 23 AN 1.2 AE 1.2 AV 1.5
MB=5.2(23) D= 99.2 DEG AZ=296
8.5N:103.2W 10KM H=20 05 41.9 (U)
MLH =5.7 MLV =5.5

1979 JUL 28 WESTERN POLAND
E PG 21 04 09
E SG 04 34

1979 JUL 28
E 21 37 15

1979 JUL 28
E 21 54 44

1979 JUL 28 WESTERN AUSTRIA
E 23 04 02
I SG 04 14.5
NO MB COMP. D= 4.1 DEG AZ=200
47.4N: 10.9E 10KM H=23 05 56.2 (U)
47.4N: 10.9E 10KM 23 05 59.1 (B)

1979 JUL 29 SOUTHERN SINKIANG PROV., CHINA
E P 01 49 19 1.3 / 13
MB=4.5(20) D= 45.6 DEG AZ= 78
40:1N: 78.4E 33KM H=01 45 00.3 (U)
40:0N: 78.5E 33KM 01 40 59.8 (M)

1979 JUL 29 TRACES
E 02 43 21

1979 JUL 29 SOUTHWEST OF SUMATERA
E(P) 05 39 34
LH B 06 30 T 18 AN 0.5 AE 0.3 AV 0.5
MB=5.5(38) D= 94.5 DEG AZ= 95
6.4S:102.3E 27KM H=05 29 38.7 (U)
6.3S:102.3E 33KM 05 29 40.2 (M)

1979 JUL 29 NEAR COAST OF CHIAPAS, MEXICO
E P 05 31 15
MB=4.8(45) D= 88.3 DEG AZ=291
14.6N: 92.8W 33KM H=07 48 22.5 (U)

1979 JUL 29 NORTH ATLANTIC OCEAN
E P 12 42 56
E 43 17
LM B 52
MB=4.3(27) D= 25.9 DEG AZ=251
37.7N: 18.3W 10KM H=12 37 20.3 (U)
37.5N: 18.2W 10KM 12 37 22.9 (B)

1979 JUL 29 EASTERN INDIA
E P 14 26 19
MB=4.6(32) D= 62.7 DEG AZ= 81
26.8N: 91.7E 66KM H=14 15 59.0 (U)
26.4N: 91.9E 33KM 14 15 53.2 (M)

1979 JUL 29
E 15 34 46

1979 JUL 29 FIJI ISLANDS REGION
I PKP 16 20 43.0C 1.5 / 74
E APKP 52 52
E SKP 53 33
MB=5.4(54) D=145.2 DEG AZ= 19
17.7S:178.5W 547KM H=16 32 06.2 (U)
17.6S:178.6W 410KM 16 31 53.5 (M)

1979 JUL 29
E PKP 18 36 50

INTERRUPTION OF SOME RECORDS FROM 23H 16M TO 05H 45M

1979 JUL 30 HOKKAIDO, JAPAN, REGION
E AP 01 39 27
E 09 41
MB=4.6(25) D= 77.6 DEG AZ= 36
41.6N:142.6E 46KM H=00 57 20.7 (U)
41.8N:142.7E 73KM 00 57 23.3 (M)

1979 JUL 30 SOUTH OF FIJI ISLANDS
E PKP1 01 34 20
MB=4.8(2) D=149.1 DEG AZ= 23
22.0S:179.6W 601KM H=01 19 38.5 (U)

1979 JUL 30 ANDREANOF ISLANDS, ALEUTIAN IS.
E P 05 23 47 C 1.7 / 27
MB=4.9(34) D= 78.3 DEG AZ= 6
50.5N:175.8W 33KM H=05 18 49.4 (U)
50.3N:176.0W 3KM 05 18 43.9 (M)

1979 JUL 30 SOUTH OF HONSHU, JAPAN
E P 06 43 47
MB=4.2(2) D= 86.7 DEG AZ= 42
30.9N:142.0E 33KM H=06 30 25.1 (U)

1979 JUL 30
E 11 31 57

1979 JUL 30
E 19 04 39

1979 JUL 31
I P 02 35 32.0 0.9 / 13

1979 JUL 31 PRC, SOUTHWESTERN REGION
E PG 05 34 31
E 35 11
E SG 35 15
NO MB COMP. D= 3.9 DEG AZ=245
49.7N: 8.1E 10KM H=05 33 28.0 (U)
49.8N: 8.3E 2KM 05 33 28.0 (B)

1979 JUL 31 EASTERN TURKEY
E 05 54 38
MB=4.2(3) D= 21.9 DEG AZ=114
38.9N: 38.8E 10KM H=05 49 32.6 (U)

1979 JUL 31 HONSHU, JAPAN
E AP 07 52 01
MB=4.8(40) D= 80.9 DEG AZ= 43
35.2N:137.2E 286KM H=07 39 10.6 (U)
35.1N:137.4E 256KM 07 39 06.3 (M)

1979 JUL 31 LOYALTY ISLANDS REGION
I PKP 21 23 23.6C 1.1 / 15
NO MB COMP. D=147.0 DEG AZ= 59
23.0S:171.0E 33KM H=21 05 45.6 (U)

1979 JUL 31
E 22 04 04
E 05 44

1979 AUG 01 BALLENY ISLANDS REGION
E PKP2 02 21 29

INTERRUPTION OF SOME RECORDS FROM 07H 22M TO 10H 32M

1979 AUG 01 TRACES, EXPLOSION? SOUTHEASTERN AUSTRIA
ERZBERG, STEIERMARK
E SN 08 55 35

1979 AUG 01
E 10 48 14

1979 AUG 01 OFF COAST OF NORTHERN CALIFORNIA
I P AB 11 02 45.7C 2.5 / 150
E AP 02 54
E(S) B 13.1
LM B 39 T 21 AN 0.5 AE 1.5 AV 1.5 MLH =5.4 MLV =5.5

1979 AUG 01
E P 11 27 33

1979 AUG 01 WEST OF MACQUARIE ISLAND
I PKP1 11 27 53.6C 1.7 / 49

1979 AUG 01
E 12 46 16 2.2 / 37

INTERRUPTION OF SOME RECORDS FROM 15H 18M TO 18H 47M

1979 AUG 01
E 18 59 36

1979 AUG 01 YUGOSLAVIA-ALBANIA COAST REG, **
E SN 21 32 05

1979 AUG 02 SAMOA ISLANDS REGION
I PKP 06 52 20.8C
E 52 38

INTERRUPTION OF SOME RECORDS FROM 10H 03M TO 10H 14M

1979 AUG 02 NEAR COAST OF NORTHERN CHILE
LMH B 08 44

1979 AUG 02 TONGA ISLANDS
E PKP1 11 05 55 2.1 / 70

INTERRUPTION OF SOME RECORDS FROM 11H 13M TO 11H 31M

1979 AUG 02 NEW HEBRIDES ISLANDS REGION
I PKP 13 15 55.3C 1.0 / 38

1979 AUG 02 NEW HEBRIDES ISLANDS REGION
E PKP 14 03 22

1979 AUG 02 YUGOSLAVIA-ALBANIA COAST REG, **
E 14 44 54
E 46 41
E L 47 36

1979 AUG 02 NEW HEBRIDES ISLANDS REGION
I PKP 20 34 40.3C 0.9 / 24

1979 AUG 02 OFF COAST OF NORTHERN CALIFORNIA
E P 21 46 44

1979 AUG 03 HOKKAIDO, JAPAN, REGION
E P 04 02 59
I AP 03 07.2C 0.5 / 15

1979 AUG 03
E 11 24 44

1979 AUG 03 VENEZUELA
E(P) 11 56 05

1979 AUG 03 WESTERN POLAND
I PG 12 44 01.0
I SG 44 27.3

1979 AUG 03 UNDERGROUND EXPLOSION
>BURZET<
E P 15 19 49

1979 AUG 03
E P 18 02 52

1979 AUG 03
E PG 19 30 33
I SG 30 56.0

1979 AUG 03
E 20 22 18

/5.0(3)/ D=164.0 DEG AZ=158
65.4S/178.6E 33KM H=02 00 31 (I)

MB=5.3(69) D= 81.7 DEG AZ=331
41.0N/127.2W 15KM H=10 50 26.6 (U)
41.3N/127.3W 1KM 10 50 25.3 (M)

MB=5.5(8) D=152.1 DEG AZ=116
54.8S/146.3E 10KM H=11 07 56.1 (U)
55.8S/151.0E 33KM 11 08 01.1 (M)

D= 9.2 DEG AZ=153
43.0N/ 18.7E 10KM H=21 27 05.0 (B)

MB=4.9(7) D=145.3 DEG AZ= 9
16.8S/172.5W 33KM H=06 32 44.8 (U)

(U)

MB=5.0(7) D=148.6 DEG AZ= 12
20.3S/173.8W 33KM H=10 46 10.3 (U)

/4.5(2)/ D=144.9 DEG AZ= 33
19.7S/173.4E 33KM H=13 43 48.9 (I)

NO MB COMP, D= 10.1 DEG AZ=154
42.1N/ 19.0E 10KM H=14 41 46.6 (U)
42.0N/ 19.1E 10KM 14 41 48.8 (B)
42.1N/ 19.1E 33KM 14 41 52.0 (M)

/4.0(2)/ D=145.4 DEG AZ= 35
20.6S/172.5E 351KM H=20 15 42 (I)

MB=4.6(12) D= 81.9 DEG AZ=331
40.9N/127.4W 15KM H=21 34 24.2 (U)
41.1N/127.8W 3KM 21 34 23.6 (M)

MB=4.6(9) D= 77.4 DEG AZ= 34
42.7N/144.8E 64KM H=03 51 04.4 (U)
42.7N/144.9E 33KM 03 51 02.2 (M)

MB=4.8(35) D= 79.4 DEG AZ=271
8.7N/ 70.8W 20KM H=11 48 57.6 (U)

DISTANCE 200 KM

MB=4.5(24) D= 81.3 DEG AZ=321
37.1N/116.1W 0KM H=15 07 30.2 (U)

DISTANCE 200 KM

1979 AUG 03
I P 20 49 49.8C 1.0 / 13

1979 AUG 04 SOUTH PACIFIC CORDILLERA
E 01 01 51
E PKP2 02 41
E PP AB 06 25
E PPP 10 40
LM B 02 22 T 18 AN 1 AE 0.3 AV 1

1979 AUG 04 UNDERGROUND EXPLOSION
I P AB 04 04 39.9C 1.2 / 530
I PN 06 09.7
I 06 28.4
I 07 10.0
LM B 21 T 12 AN 1 AE 1.5 AV 1.5

1979 AUG 04 KURILE ISLANDS
E P 05 53 13

1979 AUG 04 CENTRAL ITALY
E SG 06 02 23

1979 AUG 04 TRACES
E 17 18 46

1979 AUG 04 WESTERN AUSTRIA
I PN 22 25 00.8
I PG 25 14.8
E SN 25 42
I SG 26 00.0
I LN 26 05

1979 AUG 04 TIBET
E P 23 15 35

1979 AUG 05
E 00 04 30

1979 AUG 05 KURILE ISLANDS
I P 00 16 22.1C 0.9 / 80

1979 AUG 05 SOUTH OF FIJI ISLANDS
I PKIKP AB 01 23 10.0C 2.3 / 520 1.7 / 82 2.1 / 60
I PKP1 AB 13 17.0 1.4 /(7950) 1.6 / 1400 1.1 / 950
I(XPKP) AR 14 10
I 15 33
E PP AB 16 48
E B 18 04
E PSKS B 27.1
E B 32.0
E SS B 35.8
FINAL 03

1979 AUG 05
I P 03 27 32.5 0.8 / 16

1979 AUG 05 TRACES? YUNAN PROVINCE, CHINA
E P 05 29 20

1979 AUG 05 POLAND, UPPER SILESIA
E SN 06 45 15

1979 AUG 05 TRACES
E 07 50 26

1979 AUG 05 POLAND, UPPER SILESIA
E 09 38 25

1979 AUG 05 WEST OF MACQUARIE ISLAND
E PKP 12 14 16
E 14 32
LM B 13 38

1979 AUG 05 TAJIK-SINKIANG BORDER REGION
E P 13 42 46
LM B 14 02

1979 AUG 06 NORTHERN SUMATERA
E P 02 51 22

1979 AUG 06 WESTERN POLAND
E PN 03 46 02
I PG 46 05.5
I 46 19.0
I SN 46 27.5
I SG 46 32.0
I L 46 36.5

1979 AUG 06 YUGOSLAVIA-ALBANIA COAST REG, **
E 07 51 52
E 52 54
E SG 53 39

MB=5.4(1) D=168.8 DEG AZ=192
62.9S/162.4W 10KM H=00 4[illegible] 20.3 (U)
58.1S/179.8W 33KM 00 4[illegible] 58.8 (M)

MB=6.1(111) D= 40.9 DEG AZ= 65
MFV =6.0 49.9N/ 79.0E 0KM H=03 56 57.2 (U)
DISTANCE 40 DEG

MLH =5.2 MLV =5.2

MB=4.8(12) D= 78.2 DEG AZ= 32
43.0N/147.7E 33KM H=03 41 14.8 (U)
43.1N/148.1E 3KM 03 41 09.8 (M)

NO MB COMP, D= 8.6 DEG AZ=182
42.7N/ 12.5E 10KM H=05 57 34.1 (U)
42.7N/ 12.4E 10KM 05 57 36.4 (B)

NO MB COMP, D= 3.9 DEG AZ=182
47.8N/ 12.8E 10KM H=22 24 05.4 (U)
47.8N/ 12.8E 10KM 22 24 06.5 (B)
DISTANCE 3.5 DEG

MB=4.8(38) D= 62.1 DEG AZ= 76
30.3N/ 94.9E 35KM H=23 05 15.6 (U)
30.2N/ 94.9E 3KM 23 05 10.4 (M)

MB=5.2(66) D= 77.3 DEG AZ= 30
44.5N/149.3E 33KM H=00 04 29.6 (U)
45.0N/149.1E 59KM 00 04 35.2 (M)

MB=6.4(54) D=150.3 DEG AZ= 20
22.7S/177.9W 181KM H=00 53 45.9 (U)
22.6S/178.1W 170KM 00 53 45.3 (M)

MB=4.8(18) D= 67.9 DEG AZ= 76
25.8N/ 99.1E 33KM H=05 18 22.5 (U)

D=429 KM AZ=102
50.3GN/18.9GE H=06 43 10.3 (P)

MB=5.3(2) D=153.3 DEG AZ=121
57.4S/147.6E 10KM H=11 54 24.1 (U)

MB=4.5(13) D= 43.0 DEG AZ= 82
39.4N/ 73.5E 33KM H=13 34 49.0 (U)
39.4N/ 73.5E 33KM 13 34 49.7 (M)

MB=4.8(25) D= 84.7 DEG AZ= 92
2.8N/ 96.8E 98KM H=02 38 57.8 (U)
2.9N/ 97.0E 33KM 02 38 51.6 (M)

NO MB COMP, D=219 KM AZ= 85
51.4GN/116.1GE H=03 43 29 (P)
(51.3N/ 15.7E 33KM 03 43 37 (I))
DISTANCE 220 KM

MB=4.1(3) D= 9.8 DEG AZ=155
42.3N/ 18.6E 10KM H=07 48 11.8 (U)
42.3N/ 18.7E 10KM 07 48 13.4 (B)

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1979 AUG 06
E          11 22 48                                  MB=4,7( 5)      D=154,4 DEG  AZ= 20
                                                                     26;7S;176,6W  122KM H=13 36 29,0 (U

1979 AUG 06   SOUTH OF FIJI ISLANDS
E PKP1     13 56 16    0.9 /   12

1979 AUG 06
E          15 34 56                                  MB=5,4(65)      D= 83,4 DEG  AZ=325
                                                                     37;1N;121,5W    6KM H=17 05 22,7 (U
1979 AUG 06   CENTRAL CALIFORNIA                                     37;1N;121,9W    3KM   17 05 20,8 (M
I P       AB 17 17 51.1C 1.6 /   32                                  DISTANCE  85 DEG
I          17 57.3  1.4 /   61
E PP       21 07
E(S)    B  28.4
  LM    B  56        T 18   AN   2,2 AE   2,5 AV   5     MLH =5.8 MLV =6.0

1979 AUG 06
I(P)       17 37 26.2                                MB=4,7( 3)      D=147,3 DEG  AZ= 20
                                                                     19;8S;178,2W  554KM H=19 18 04,5 (U
1979 AUG 06   FIJI ISLANDS REGION
I PKP1     19 36 46.9C 0.9 /   38
I PKP2     36 50.2C 1.2 /   24

1979 AUG 06
I P        22 06 20.6  1.1 /   17

1979 AUG 07   JAVA                                   MB=5,6(36)      D=100,4 DEG  AZ= 91
E          04 55 51                                                  8;7S;108,9E   69KM H=04 41 52;9 (U
E          59 56                                                     7;9S;108,7E   42KM   04 41 54,4 (M

1979 AUG 07   SOUTHWEST OF AFRICA                   MB=5,3( 6)      D=103,6 DEG  AZ=177
E PP       13 51 39                                                  52;6S;  18,5E   10KM H=13 33 18,8 (U
E SS    B 14 06.5
  LM    B  38

1979 AUG 07
I(P)       16 29 30.5C 0.5 /   20

1979 AUG 07   TIBET                                   MB=4,8(27)      D= 62,1 DEG  AZ= 75
E P        20 57 14                                                  30;4N;  94,9E   25KM H=20 46 44,7 (U
                                                                     30;1N;  95,1E   33KM   20 46 43,6 (M

1979 AUG 07
E          21 12 20
E          15 53
E          17 48

1979 AUG 08   FIJI ISLANDS REGION                                   NO MB COMP,D=146,0 DEG  AZ= 20
I PKP1     00 29 38.3E 0.9 /   21                                    18;5S;178,4W  610KM H=00 11 04,4 (I)

1979 AUG 08   TRACES
E          02 34 01

1979 AUG 08   POLAND, UPPER SILESIA
E          04 54 03

1979 AUG 08   TRACES; JAVA                           MB=5,1(27)      D= 99,2 DEG  AZ= 90
E(AP)      08 55 53                                                  7;0S;109,0E  206KM H=08 42 16,2 (U
                                                                     6;9S;109,0E   91KM   08 42 00,4 (M

1979 AUG 08   LUZON, PHILIPPINE ISLANDS             MB=5,1(30)      D= 87,6 DEG  AZ= 67
E P        09 38 47                                                  16;1N;119,7E   54KM H=09 26 02,7 (U
  LM    B 10 20        T 18   AN   0,2 AE   0,5 AV   0,5           16;4N;119,5E   50KM   09 26 04,5 (M

1979 AUG 08   TRACES
E          14 47 07

1979 AUG 08   UNDERGROUND EXPLOSION                  MB=4,8(11)      D= 81,4 DEG  AZ=321
              >OFFSHORE<
E P        15 12 18    TRACES                                        37;0N;116,0W    0KM H=15 00 00,1 (U)

1979 AUG 08   CRETE
E(P)       15 54 27                                  MB=4,2(16)      D= 18,7 DEG  AZ=144
E PP       54 40                                                     35;2N;  26,3E   33KM H=15 50 04,5 (U
  LM    B 16 02                                                     35,4N;  26,4E   58KM   15 50 11;1 (B

1979 AUG 08   BURMA-CHINA BORDER REGION
E P        17 11 53                                  MB=4,7(27)      D= 68,6 DEG  AZ= 77
                                                                     25;1N;  98,9E   10KM H=17 00 48,4 (U
                                                                     25;3N;  99,1E    1KM   17 00 47,6 (M

1979 AUG 08   FIJI ISLANDS REGION
I PKP1     17 35 54.8E 0.9 /   38                    MB=4,9(27)      D=148,4 DEG  AZ= 21
I PKP2     36 00.0C 0.8 /   19                                       21;0S;178,6W  583KM H=17 17 12,4 (U
E          37 02                                     MC   =4,7       21;1S;179,5W (  65KM   17 14 18,3)(M
E APKP     38 12                                                     DISTANCE 147;5 DEG   DEPTH 600 KM

1979 AUG 08   FIJI ISLANDS REGION
E PKIKP    21 52 32                                  MB=5,2(14)      D=147,4 DEG  AZ= 19
I PKP1        52 35.1C 1.0 /   39                                    19;7S;177,6W  388KM H=21 33 32,5 (U
I PKP2        52 36.9C 1.1 /   38                                    DISTANCE 146;5 DEG   DEPTH 350 KM
E APKP        54 05
I             54 21.0D
I SKP         55 39.0

1979 AUG 08   KURILE ISLANDS REGION
I P        23 12 59.2C 1.1 /   27                    MB=4,9(55)      D= 77,8 DEG  AZ= 31
I AP          13 11.5                                                43;7N;148,4E   33KM H=23 01 04;1 (U
E             13 24                                                  44;6N;148,0E   74KM   23 01 13,4 (M
  LMH   B     44
  LMV   B     51
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1979 AUG 08   NORTHERN ITALY          FRIULI          D=  5,8 DEG  AZ=178
E SG       23 45 04                                  46;3N;  13,3E    9KM H=23 42 22;1
                                                                                    (OGS)

1979 AUG 09
E          00 09 19

1979 AUG 09
E          00 55 55

1979 AUG 09   LOYALTY ISLANDS REGION                 MB=5,1( 8)      D=146,1 DEG  AZ= 40
I PKP     AB 03 44 30.4  1.9 /  110                                  22;3S;170,3E   40KM H=03 24 53;8 (U)
I APKP        44 40.8  1.8 /  110                                  21;6S;169,3E   33KM   03 24 57;2 (M)

1979 AUG 09   SOLOMON ISLANDS                       MB=5,3(23)      D=126,1 DEG  AZ= 48
I PKP      09 57 41.4  1.1 /   21                                    7;0S;155,7E   67KM H=09 38 45;7 (U)
                                                                     7;0S;155,9E   33KM   09 38 42;2 (M)

1979 AUG 09   KERMADEC ISLANDS REGION               MB=4,7( 3)      D=157,3 DEG  AZ= 30
I PKP2     12 41 41.9C 1.3 /   24                                    30;7S;179,8W  348KM H=12 21 53;4 (U)

1979 AUG 09   TRACES; NEW HEBRIDES ISLANDS           MB=5,1( 6)      D=143,1 DEG  AZ= 41
E APKP     15 03 58                                                  19;9S;168,2E   92KM H=14 43 18;2 (U)

1979 AUG 09   WESTERN POLAND
E PG       20 23 13
I SG          23 39.5

1979 AUG 09   TRACES; NEW HEBRIDES ISLANDS           MB=5,1(23)      D=138,2 DEG  AZ= 39
E PKP      20 30 22                                                  14;9S;167,3E  148KM H=20 11 11;2 (U)
                                                                     15;1S;167,5E   33KM   20 10 56;1 (M)

1979 AUG 09   POLAND, UPPER SILESIA
E          20 31 38

1979 AUG 09   YUGOSLAVIA-ALBANIA COAST REG, **       MB=4,1( 1)      D=  9,8 DEG  AZ=155
E          23 24 22                                                  42;3N;  18,6E   10KM H=23 20 18;5 (U)
E             24 45                                                  42;2N;  18,6E   10KM   23 20 19;3 (B)
E             25 39

1979 AUG 10   KURILE ISLANDS                        MB=4,5( 9)      D= 77,8 DEG  AZ= 33
E P        00 59 13                                                  43;1N;146,8E   47KM H=00 47 19;3 (U)

1979 AUG 10   FOX ISLANDS, ALEUTIAN ISLANDS         MB=5,0(31)      D= 77,0 DEG  AZ=  2
E P        07 37 01                                                  52;0N;170,6W   33KM H=07 25 10;0 (U)
I AP          37 13.0                                                51;7N;171,1W   33KM   07 25 09;7 (M)

1979 AUG 10
E          10 33 23

1979 AUG 10   TONGA ISLANDS                         MB=4,2( 4)      D=147,2 DEG  AZ= 14
I PKP1     11 07 27.0  1.1 /   22                                    19;1S;175,2W  200KM H=10 48 05;4 (U)

1979 AUG 10   SOUTHWEST OF AFRICA                   MB=5,8(12)      D=103,8 DEG  AZ=177
E AP       14 57 04                                                  52;8S;  18,5E   10KM H=14 42 46;8 (U)
I PP      AB 15 01 06.8C 3.5 /  260                                  52;9S;  18,4E    3KM   14 42 45;4 (M)
E PPS      B  11 12
E SS       B  15.8
  LM       B  45        T 20   AN   2   AE   4   AV   1,5   MLP =5.8 MLV =5.6

1979 AUG 10   FIJI ISLANDS REGION                   MB=3,9( 1)      D=149,1 DEG  AZ= 22
E PKP1     17 19 39                                                  21;8S;179,1W  620KM H=17 00 51;9 (U)

1979 AUG 10   SOUTH OF HONSHU, JAPAN               MB=4,8(29)      D= 86,6 DEG  AZ= 45
E AP       17 56 58    1.6 /   20                                    29;3N;138,7E  490KM H=17 43 15;5 (U)
                                                                     29;2N;138,7E  498KM   17 43 14;9 (M)

1979 AUG 11
  LM       B 07 05

1979 AUG 11   CENTRAL YUGOSLAVIA                    NO ME COMP,     D=  8,8 DEG  AZ=151
E          12 33 57                                                  43;4N;  18,8E   10KM H=12 31 21;3 (U)
E             34 16                                                  43;3N;  18,9E   10KM   12 31 22;9 (B)
E SG      AB  36 22                                                  42;9N;  17,8E   33KM   12 31 23;5 (M)

1979 AUG 11   FIJI ISLANDS REGION                   MB=5,3(39)      D=148,1 DEG  AZ= 21
E PKIKP    15 37 05    2.0 /   66                                    20;6S;178,4W  535KM H=15 18 26;7 (U)
I PKP1    AB  37 13.0C 0.9 /  250                                    21;4S;178,0W   33KM   15 17 28;4 (M)
I PKP2        37 17.3C 1.1 /  110                MC   =5.4          DISTANCE 148 DEG    DEPTH 530 KM
E             37 44
E APKP        39 20

1979 AUG 11   SAMOA ISLANDS REGION                 MB=4,8( 5)      D=144,9 DEG  AZ=  9
I PKP      17 23 56.0C 1.0 /   13                                    16;4S;172,3W   33KM H=17 04 21;2 (U)
E             25 29

1979 AUG 11   TRACES; LUZON, PHILIPPINE ISLANDS     MB=4,9(24)      D= 89,9 DEG  AZ= 68
E P        18 38 02                                                  14;0N;120,7E  129KM H=18 25 16;6 (U)
                                                                     13;9N;120,9E   41KM   18 25 05;8 (M)

1979 AUG 11   BURMA-INDIA BORDER REGION             MB=5,0(65)      D= 86,5 DEG  AZ= 80
E P        20 42 48    1.4 /   15                                    24;2N;  94,9E  110KM H=20 32 07;9 (U)
I AP          43 17.5                                                24;1N;  95,1E   92KM   20 32 02;1 (M)

1979 AUG 11   TRACES; SOUTH OF FIJI ISLANDS                         NO MB COMP,D=149,8 DEG  AZ= 20
E(PKP)     21 39 54    1.0 /    9                                    (22;2S;177,9W   33KM H=21 19 54    (I))
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1979 AUG 11 CRETE
E P AB 22 34 44 — MB=4.7(40) — D= 18.6 DEG AZ=144
E 35 14 — 35.4N 26.3E 33KM H=22 30 28.0 (U
E AB 38.3 — 35.5N 26.4E 48KM 22 30 32.1 (U
E 34.9N 26.0E 33KM 22 30 24.1 (U
LM B 44 T 12 AN 1.5 AE 1.5 AV 1.5 — MLH =4.7 MLV =4.7

1979 AUG 12 NEAR COAST OF PAKISTAN
I P 01 33 59.8C 1.3 / 28 — MB=4.6(18) — D= 48.3 DEG AZ=105
I AP 34 08.7 — 23.7N 65.0E 33KM H=01 25 19.8 (U
23.3N 66.4E 33KM 01 25 10.7 (U

D=430 KM AZ=109
50.2BN 18.8BE H=05 07 00.3 (U

1979 AUG 12 POLAND, UPPER SILESIA
E SG 05 09 10 — NO MB COMP, — D= 6.6 DEG AZ=188
44.8N 11.8E 10KM H=06 41 52.9 (U
44.8N 11.9E 10KM 06 41 54.6 (U

1979 AUG 12 NORTHERN ITALY
E PN 06 43 30
E PG 44 00
E 44 19
E 44 55
I SG 45 31

1979 AUG 12 NEAR EAST COAST OF HONSHU, JAPAN — MB=5.8(107) — D= 82.8 DEG AZ= 42
I P AB 07 25 38.8E 1.5 / 220 — 34.5N 140.2E 61KM H=07 13 20.0 (U
I XP AB 26 01.2 — 34.9N 140.1E 63KM 07 13 22.3 (U
E PP AB 28 46 — DISTANCE 82 DEG
E S B 35.9
E SS B 41.6 — MLH =5.6 MLV =5.4 (NO DEPTH CORRECTION)
LM B 08 05 T 18 AN 1 AE 2 AV 1.5

1979 AUG 12 TRACES; SOUTHWESTERN RYUKYU ISLANDS — MB=4.9(8) — D= 83.9 DEG AZ= 59
E P 08 36 32 — 24.3N 124.7E 73KM H=08 24 08.7 (U

1979 AUG 12 UNDERGROUND EXPLOSION — MB=4.9(37) — D= 54.0 DEG AZ= 34
I P 18 09 24.9E 1.2 / 23 — 61.9N 122.2E 0KM H=17 59 57.4 (U
E PP 11 22

1979 AUG 12 NEAR EAST COAST OF KAMCHATKA — MB=4.9(52) — D= 71.8 DEG AZ= 18
I P 19 07 18.4C 1.5 / 26 — 54.7N 162.2E 33KM H=18 56 01.2 (U
I 07 24.2 1.3 / 45 — 54.5N 162.2E 33KM 18 55 59.8 (U
E 16 09
LM B 44 T 16 AN 1 AE 0.5 AV 1.5

NO MB COMP, D=428 KM AZ=103
50.2BN 18.86E H=00 28 09.0 (U
(50.5N 19.4E 0KM 00 28 09 (U

1979 AUG 13 POLAND, UPPER SILESIA
E PG 00 29 21
I SG 30 15

1979 AUG 13 FIJI ISLANDS REGION — MB=4.5(1) — D=144.5 DEG AZ= 17
I PKP 00 41 06.0C 1.3 / 19 — 16.7S 177.4W 385KM H=00 22 14.8 (U

1979 AUG 13 NEW IRELAND REGION — MB=5.8(61) — D=123.3 DEG AZ= 49
E PKP 03 22 36 — 4.9S 153.5E 88KM H=03 03 47.9 (U
E APKP 22 58 — 4.7S 153.6E 19KM 03 03 39.7 (U
E PP 24 25
LMH B 04 07
LMV B 18

1979 AUG 13 NORTHERN ITALY — NO MB COMP, — D= 5.9 DEG AZ=182
E 06 20 09 — 45.4N 12.7E 10KM H=06 16 21.7 (U
E 20 20

1979 AUG 13 SOUTHERN IRAN — MB=4.5(6) — D= 44.0 DEG AZ=106
E P 15 48 17 — 26.2N 61.0E 33KM H=15 40 10.3 (U
25.3N 61.0E 33KM 15 40 03.9 (M

1979 AUG 13 WESTERN ARABIAN PENINSULA — MB=4.4(10) — D= 42.8 DEG AZ=136
E P 16 25 49 1.6 / 23 — 15.3N 42.0E 10KM H=16 17 50.0 (U
14.8N 41.7E 33KM 16 17 50.6 (M

1979 AUG 13
I P 21 04 35.7D

1979 AUG 13 ALBANIA — MB=4.2(5) — D= 11.0 DEG AZ=152
E(P) 21 12 03 — 41.0N 20.0E 10KM H=21 09 12.7 (U
E 15 30 — 41.0N 20.2E 10KM 21 09 15.0 (U
E LG2 AB 15 54

1979 AUG 14 GREECE — MB=4.3(1) — D= 14.4 DEG AZ=154
E LG2 00 15 40 — 38.0N 20.8E 33KM H=00 07 10.3 (U
E 16 24 — 38.0N 20.8E 41KM 00 07 13.3 (M

1979 AUG 14 BANDA SEA — MB=5.4(27) — D=111.9 DEG AZ= 71
E PKP 00 17 09 — 5.6S 130.7E 52KM H=23 56 39.0 (U
5.6S 130.8E 40KM 23 56 37.3 (M

1979 AUG 14 TRACES; AFGHANISTAN-USSR BORDER REGION — MB=4.7(11) — D= 43.3 DEG AZ= 86
E AP 04 59 48 — 37.0N 71.6E 121KM H=04 54 27.7 (U
36.8N 71.6E 113KM 04 54 25.6 (M

1979 AUG 14 JAN MAYEN ISLAND REGION — NO MB COMP, — D= 21.7 DEG AZ=346
E P 08 44 02 — 71.7N 3.0W 10KM H=08 39 08.7 (U
71.7N 3.1W 10KM 08 39 11.6 (M

1979 AUG 14
I P 11 09 30.4D

1979 AUG 14 NEW HEBRIDES ISLANDS — MB=5.3(19) — D=141.8 DEG AZ= 40
E PKP 11 16 36 — 18.5S 168.2E 39KM H=10 57 03.8 (U
E 19 20 — 18.3S 167.4E 33KM 10 57 05.4 (M
E PP 19 38
I SKP 20 08.2 1.7 / 60
LM B 12 20

1979 AUG 14 HINDU KUSH REGION — MB=5.1(79) — D= 43.8 DEG AZ= 87
I P 14 32 13.9C 1.6 / 77 — 36.5N 70.9E 196KM H=14 24 31.8 (U)
E XP 33 17 — 36.3N 71.0E 175KM 14 24 28.4 (M)
E PCP 34 05
E 35 08
E 36 23

1979 AUG 14 NORTHERN ITALY FRIULI — NO ME COMP, — D= 5.0 DEG AZ=180
E SG 16 48 37 — 46.3N 13.0E 10KM H=16 45 59.7 (U)

1979 AUG 14 EASTERN MEDITERRANEAN SEA — MB=4.3(6) — D= 23.7 DEG AZ=130
E(P) 17 38 01 — 33.5N 34.8E 33KM H=17 32 47.2 (U)
E 38 19 — 33.9N 34.8E 10KM 17 32 50.3 (B)
33.7N 34.6E 33KM 17 32 49.2 (M)

1979 AUG 14 NORTHERN ITALY FRIULI — NO ME COMP, — D= 5.0 DEG AZ=179
I PN 19 00 14.0 — 46.3N 13.1E 10KM H=18 58 58.7 (B)
E SN 01 09 — 46.3N 13.1E 10KM 18 58 57.0 (U)
I SG 01 34.8

1979 AUG 14 SOUTH OF FIJI ISLANDS — MB=4.2(1) — D=149.2 DEG AZ= 23
I PKP1 20 21 39.8 — 22.1S 179.7W 579KM H=20 02 55.8 (U)

1979 AUG 14 SOUTHERN IRAN — MB=4.8(28) — D= 40.0 DEG AZ=108
E P 23 31 53 — 28.4N 57.0E 69KM H=23 28 23.3 (U)
E 32 00 — 28.5N 57.0E 104KM 23 28 29.0 (B)
28.3N 57.2E 33KM 23 28 21.4 (M)

1979 AUG 15
E 01 05 28

1979 AUG 15 RED SEA — MB=4.7(8) — D= 42.6 DEG AZ=137
I P 02 28 40.5C 1.6 / 24 — 15.4N 41.7E 10KM H=02 20 43.2 (U)
14.4N 41.8E 33KM 02 28 39.1 (M)

1979 AUG 15 TRACES
E 02 57 42

1979 AUG 15
E 18 25 00

1979 AUG 15 FIJI ISLANDS REGION — MB=4.7(2) — D=144.7 DEG AZ= 19
I PKP 18 26 38.0D — 17.1S 178.4W 595KM H=18 08 02.4 (U)

1979 AUG 15 TRACES
E 19 04 38

1979 AUG 15 TRACES; KURILE ISLANDS — MB=4.3(2) — D= 77.6 DEG AZ= 31
E P 20 03 56 — 44.0N 148.8E 33KM H=19 52 01.8 (U)

1979 AUG 15 FIJI ISLANDS REGION — MB=5.0(5) — D=147.9 DEG AZ= 19
I PKP1 22 20 08.0I 0.8 / 18 — 20.2S 177.6W 436KM H=22 01 14.6 (U)

1979 AUG 16 EASTER ISLAND CORDILLERA — MB=4.5(1) — D=154.2 DEG AZ=243
E PKP1 02 40 22 — 59.8S 123.6W 10KM H=02 20 17.9 (U)
E 40 30

1979 AUG 16 LOYALTY ISLANDS REGION — MB=4.3(1) — D=145.9 DEG AZ= 37
I PKP 06 45 52.4C — 21.5S 171.6E 33KM H=06 26 10.6 (U)

1979 AUG 16 NEAR EAST COAST OF HONSHU, JAPAN — MB=5.5(77) — D= 80.2 DEG AZ= 38
I P AB 12 07 14.9C 1.6 / 110 — 38.7N 142.9E 31KM H=11 59 05.9 (U)
E AP 07 27 — 39.0N 142.9E 30KM 11 59 07.3 (M)
E 11 21
E(S) B 17.6
LMH B 44 T 18 AN 3.5 AE 4 AV 3.5 — MLH =5.9
LMV B 46 T 16 — MLV =5.9

1979 AUG 16
I P 13 09 09.2D 0.8 / 13

1979 AUG 16 NEAR EAST COAST OF HONSHU, JAPAN — MB=4.7(3) — D= 82.9 DEG AZ= 41
E P 20 35 40 — 34.6N 140.6E 31KM H=20 23 19.4 (U)

1979 AUG 16 NORTH KOREA — MB=6.1(107) — D= 72.7 DEG AZ= 44
I P(1) AB 21 41 55.6D 1.0 / 280 — 41.8N 130.8E 598KM H=21 3[illegible] 26.3 (U)
I P(2) AB 42 01 (1.0)/ 500 — MPV =6.0 — 41.8N 130.9E 600KM 21 3[illegible] 26.0 (M)
T 9 AV 2.2 — MPV =5.8 — DISTANCE 73 DEG DEPTH 600 KM
I AP AB 43 57.9
I 44 31.0
E PP AB 44 50
E APP B 46 36
E XPP B 47 42
E XPPP B 49 20
I S AB 50 35.7 T 8 AN 3.0 AE 12.6 AV 4.5 — MSH =6.7
E SKS AB 51 00
E 54 45
E(SS) B 55.2
E PKPPKP 22 09 24 2.5 / 150
E(SKPPKP) 12 05
LM B 16 T(14) AN(5) AE(5.5)AV(6.5) — MLH =6.1 MLV =6.1 (NO DEPTH CORRECTION)
FINAL 23

1979 AUG 17 TONGA ISLANDS — MB=5.0(1) — D=146.9 DEG AZ= 12
I PKP1 02 34 47.3C 1.3 / 16 — 18.6S 174.0W 92KM H=02 15 09.4 (U)
I APKP 35 02.7

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1979 AUG 17
E          03 42 11                                    MB=4,2( 2)    D= 10,9 DEG  AZ=153
                                                                     41,9N  19,3E    10KM H=05 30 39,1
1979 AUG 17   YUGOSLAVIA-ALBANIA COAST REG, **                       41,9N  19,3E    10KM   05 30 41,4
E          05 34 36                                                  41,8N  19,3E    33KM   05 30 41,8
E             35 37
E             36 30

1979 AUG 17
E          05 44 02                                    MB=5,1(45)    D= 79,2 DEG  AZ= 40
                                                                     38,2N 139,2E    16KM H=06 00 33,2
1979 AUG 17   NEAR WEST COAST OF HONSHU, JAPAN                        38,3N 139,2E    33KM   06 00 36,4
I P        06 12 39.0C 1.2 /   25


1979 AUG 17   TRACES
E          10 43 17

1979 AUG 17
  LM       B 12 34                                     MB=5,7(30)    D=141,0 DEG  AZ= 40
                                                                     17,7S 167,8E    17KM H=12 59 07,4
1979 AUG 17   NEW HEBRIDES ISLANDS                                   17,6S 168,3E    33KM   12 59 09,3
E PKP      AB 13 18 36    2.0 /   90                                DISTANCE 139 DEG
I             18 48.5
E             20 56
E PP       AB 21 38
E(PKS)     AB 22 10
E          B  23.9
E(PPP)     B  25 04
E          B  31.7
E PPS      B  34.1
E SS       B  40.4
  LM       B 14 23        I 21   AN   5.5 AE   2   AV   7     MLH =6.3 MLV =6.5
  FINAL      15 30

1979 AUG 17   POLAND                                                                D=448 KM  AZ= 89
              BELCHATOW                                                            51,2BN 19.42E      H=14 00 15,6
E PG       14 01 32                                                                DISTANCE   3.9 DEG
E             02 22
I SG          02 26.0

1979 AUG 17   NEW HEBRIDES ISLANDS                        MB=5,4(17)    D=140,9 DEG  AZ= 40
E PKP      14 38 06                                                    17,7S 167,7E    23KM H=14 18 34,7
E             38 12                                                    17,7S 167,8E    33KM   14 18 36,6
E SKP         41 42

1979 AUG 17   NEW HEBRIDES ISLANDS                        MB=5,2(10)    D=141,0 DEG  AZ= 40
E PKP      AB 15 37 57                                                 17,7S 167,8E    59KM H=15 18 26,5
E SKP         41 31                                                    17,6S 167,9E     1KM   15 18 20,8
  LM       B 16 43        I 20   AN   1   AE   0,5 AV   2     MLV =5,9

1979 AUG 17   TONGA ISLANDS                               MB=5,3( 5)    D=146,3 DEG  AZ= 14
I PKP1     16 52 02.9C 1.7 /   44                                       18,1S 174,9W    99KM H=16 32 32,6
E XPKP        52 41

1979 AUG 17   TRACES; NEW HEBRIDES ISLANDS                 MB=4,8( 4)    D=141,1 DEG  AZ= 40
E PKP      18 36 47                                                    17,9S 167,7E    15KM H=18 17 16,3

1979 AUG 17   BANDA SEA                                    MB=5,5(52)    D=108,8 DEG  AZ= 73
E          20 37 10                                                     4,4S 127,9E   206KM H=20 19 36,2
I PKP         37 35.7                                                   4,3S 127,9E   210KM   20 19 30,8
E PP          38 11
E             40 08

1979 AUG 17
E          20 58 10
E             58 48

1979 AUG 18   LOYALTY ISLANDS REGION                       MB=5,3( 7)    D=146,5 DEG  AZ= 39
I PKP      02 00 15.7C 0.9 /   15                                       22,4S 171,0E    57KM H=01 40 41,7
E APKP        00 35

1979 AUG 18   UNDERGROUND EXPLOSION                        MB=6,1(101)   D= 40,6 DEG  AZ= 65
I P        AB 02 59 39.8C 0.9 /  650                      MPV =6,3      50,0N  79,0E     0KM H=02 51 57,3
I PN       B  03 01 09
I PP       B  01 14
I(PGP)     B  01 35
E SN       B  08 59  INTERRUPTED BY FENNOLORA SPECIAL RECORD
  LM       B  16

1979 AUG 18
E          12 19 58

1979 AUG 18   TONGA ISLANDS
I PKP1     13 04 14.5C 1.2 /   42                          MB=5,3(14)    D=148,4 DEG  AZ= 13
                                                                     20,1S 174,0W    76KM H=12 44 35,3
                                                                     20,0S 177,2W   126KM   12 44 47,9
1979 AUG 18
E          15 43 34

1979 AUG 18
E PG       17 32 31
I SG          32 55.1                                                DISTANCE 200 KM

1979 AUG 18   TRACES
E          20 04 20

1979 AUG 18
E          21 48 13
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1979 AUG 19   SOUTH OF FIJI ISLANDS                       MB=5,3(26)    D=149,5 DEG  AZ= 23
I PKP1     00 01 32.6C 0.7 /   54                                       22,1S 179,5W   590KM H=23 42 48,8 (U)
I PKP2        01 39.5C 1.0 /   39                          MC  =5,0
E APKP        03 51

1979 AUG 19   CENTRAL YUGOSLAVIA                                       D=  7,8 DEG  AZ=161
E SN       02 28 35                                                    44,2N  16,4E    10KM H=02 29 20,8 (B)
E(SG)         29 16

1979 AUG 19   CENTRAL YUGOSLAVIA                                       D=  9,5 DEG  AZ=152
E          05 46 33                                                    43,1N  18,9E    10KM H=05 43 55,8 (B)
E SN          47 44
E(SG)         49 05

1979 AUG 19   EASTERN SIBERIA                              MB=5,2(57)    D= 66,4 DEG  AZ= 17
I P        07 20 41.2C 1.2 /   30                                       61,4N 159,2E    21KM H=07 10 05,0 (U)
I AP          20 46.5                                                  61,6N 158,7E    33KM   07 10 08,9 (M)
E             21 25
E PPP         24 32
  LMH      B    51        I 15   AN   1.5 AE   1.5                   MLH =5,5
  LMV      B    54        I 16                AV   1

1979 AUG 19   MINDORO, PHILIPPINE ISLANDS                  MB=5,1(34)    D= 90,8 DEG  AZ= 68
E P        10 19 16                                                    13,7N 120,9E   102KM H=10 06 53,0 (U)
                                                                     13,2N 121,0E    33KM   10 06 16,1 (M)

1979 AUG 19
I(P)       11 58 34.0C

1979 AUG 19   IRAN                                         MB=4,9(14)    D= 34,9 DEG  AZ=112
E          12 30 11                                                    30,4N  50,9E    33KM H=12 23 15,4 (U)
                                                                     30,5N  51,0E    67KM   12 23 21,5 (B)
                                                                     30,1N  51,2E    33KM   12 23 16,1 (M)

1979 AUG 19   NORTH OF HALMAHERA                          MB=5,4(38)    D=102,9 DEG  AZ= 68
E PP       16 18 16                                                     3,2N 128,1E   115KM H=16 08 12,6 (U)
                                                                     3,3N 128,1E    44KM   16 08 04,3 (M)

1979 AUG 19   SOUTH OF KERMADEC ISLANDS                   MB=5,2( 6)    D=160,5 DEG  AZ= 34
E PKIKP    23 25 49                                                    (34,2S 179,9W   70KM H=23 05 59,1 (U))
I PKP2        26 50.0C 1.2 /   34                                       DISTANCE 165 DEG

1979 AUG 20   SOUTH OF KERMADEC ISLANDS                   MB=5,4( 5)    D=168,6 DEG  AZ= 34
E PKIKP    00 00 05                                                    (34,3S 179,8W   71KM H=23 40 14,1 (U))
E(PKP1)       00 24                                                    34,1S 179,6E    3KM   23 40 04,6 (M)
I PKP2        01 05.3C 1.3 /   31                                       DISTANCE 165 DEG

1979 AUG 20   HINDU KUSH REGION                           MB=6,1(111)   D= 42,6 DEG  AZ= 87
I P        AB 03 58 27.8C 1.7 /  500                                   36,5N  70,1E   229KM H=03 50 52,2 (U)
I AP          59 16.3                                                  36,5N  70,1E   226KM   03 50 52,8 (M)
E XP       B  59 44                                                    DISTANCE  42 DEG    DEPTH 230 KM
E PP       AB 04 00 09
E XPP      B  01 16
I SGP         03 42.6  1.4 /  115
E S        B  04 32
E XS       B  05 58
E SS       B  07.7

1979 AUG 20   TURKMEN SSR                                 MB=4,4( 7)    D= 28,8 DEG  AZ= 96
E          22 49 18                                                    40,6N  52,0E    71KM H=22 42 10,1 (U)
                                                                     40,5N  51,9E   100KM   22 42 10,8 (M)

1979 AUG 21   LOYALTY ISLANDS REGION                      MB=4,9( 2)    D=146,9 DEG  AZ= 38
E PKP1     00 49 57                                                    22,7S 171,5E    36KM H=00 30 18,2 (U)
E APKP        50 10

1979 AUG 21
E          01 17 11

1979 AUG 21   TRACES; RYUKYU ISLANDS                      MB=4,6( 4)    D= 83,8 DEG  AZ= 52
E P        05 38 28                                                    27,9N 130,2E    33KM H=05 26 00,2 (U)

1979 AUG 21   TRACES
E          18 36 54

1979 AUG 21   FIJI ISLANDS REGION                         MB=4,2( 4)    D=148,1 DEG  AZ= 21
I PKP1     22 44 16.0C 1.0 /   21                                       20,7S 178,8W   576KM H=22 25 34,2 (U)
I PKP2        44 20.8C 0.9 /   14

1979 AUG 21   FIJI ISLANDS REGION                         MB=4,9(13)    D=145,2 DEG  AZ= 19
I PKP      23 24 18.9  1.4 /   34                                       17,6S 178,3W   446KM H=23 05 31,6 (U)
E SKP         27 20                                                    17,7S 178,2W    33KM   23 04 45,4 (M)

1979 AUG 21
E          23 40 28
E             41 14
E             42 02
E             44 47

1979 AUG 22   TRACES; CENTRAL YUGOSLAVIA                  NO MB COMP,   D=  9,2 DEG  AZ=152
E(SG)      02 07 10                                                    43,0N  18,8E    10KM H=02 05 53,2 (U)
                                                                     43,0N  18,8E    10KM   02 05 53,6 (B)

1979 AUG 22   NORTHERN ITALY                                          D=  6,9 DEG  AZ=195
E          06 02 07                                                    44,6N  10,5E    41KM H=05 59 22,5 (B)
E SG          03 07
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1979 AUG 22   TRACES
E          11 50 47

1979 AUG 22   WESTERN TURKEY
E P        11 51 33


1979 AUG 22   MASCARENE ISLANDS REGION
E P        12 36 40    2.1 /   44
I AP    AB    36 51.0  1.9 /   53
E S      B   47 00
  LM     B 13 18

1979 AUG 22   KAMCHATKA
I P     AB 18 40 08.0C 1.6 /  150
I             40 14.3
I(PCP)        40 22.9
I AP    AB    40 41.2
E XP     B    40 52
E S      B    49 20
E XS     B    50.3

1979 AUG 22   DODECANESE ISLANDS
I P     AB 20 16 58.2C 1.4 /  460
E S      B   20 20
I SGP         24 52.6  1.3 /   26
E SGS         28 31

1979 AUG 22   TONGA ISLANDS
I PKP      22 04 24.8D 1.7 /   57
I APKP        04 42.3
I XPKP        04 52.9

1979 AUG 23   FIJI ISLANDS REGION
I PKP   AB 00 44 17.9  1.1 /  180
I             44 36.1
I             44 54.8
E APKP        46 32

1979 AUG 23
E          01 41 13
E             41 40

1979 AUG 23   POLAND, UPPER SILESIA
E          01 48 38


1979 AUG 23
I P        06 52 44.6D 0.6 /   13

1979 AUG 23   CRETE
E(P)       11 33 10


1979 AUG 23   FIJI ISLANDS REGION
E PKIKP    14 41 39
I PKP1        41 44.2C 1.3 /   84
I PKP2        41 50.1C 1.0 /   25
I APKIKP      44 04.9
E APKP1       44 08

1979 AUG 23   WESTERN TURKEY
E P        17 39 19


1979 AUG 23   SOUTHWESTERN USSR
E SG       22 06 09


1979 AUG 23
E          23 09 15

1979 AUG 24   YUGOSLAVIA-ALBANIA COAST REG, **
E          04 32 30
E             34 14

1979 AUG 24   COSTA RICA
I P     AB 04 39 37.8C 1.5 /  490
                    I 15   AN   0.5 AE   2.0 AV   5.4
E             40 16
E          B  42 53
E          B  43.5
E             48 10
E(S)    AB    50 10
E PPS    B    51 42
E SS     B    56.3
E PKPPKP   05 05 32
  LM       B  14       I 20   AN   5   AE  10   AV  11
  FINAL      07 30

1979 AUG 24   YUGOSLAVIA-ALBANIA COAST REG, **
E          10 20 47
E             21 42
E             22 29

1979 AUG 24   HONSHU, JAPAN
E P        11 07 19
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MB=4.0(10)   D= 17.3 DEG  AZ=133
             38;1N; 28.9E   10KM H=11 47 29.6
             38;1N; 29.1E   10KM    11 47 31;1

MB=5.3(48)   D= 82.7 DEG  AZ=130
             17;5S; 66.0E   10KM H=12 24 11;7
             17;1S; 66.8E   33KM    12 24 17.6
             DISTANCE  82 DEG

MB=5.6(115)  D= 72.5 DEG  AZ= 22
             52;3N;157.3E  134KM H=18 28 55.6
             52;2N;157.6E  140KM    18 28 54.3
             DISTANCE  72 DEG     DEPTH 130 KM

MB=5.3(61)   D= 18.5 DEG  AZ=141
             35;9N; 27.4E   93KM H=20 12 48.1
             36;0N; 27.5E  101KM    20 12 50.4
             35;9N; 27.4E   94KM    20 12 47.7
             DISTANCE  19 DEG     DEPTH >N

MB=5.3(13)   D=145.6 DEG  AZ= 10
             17;2S;173.1W   93KM H=21 44 48.4

MB=5.3(31)   D=145.3 DEG  AZ= 20
             17;8S;178.8W  569KM H=00 25 43;3
             17;8S;177.2W   93KM    00 24 43.7


MB=4.2( 5)   D= 18.6 DEG  AZ=150
             34;5N; 24.0E   33KM H=11 28 47.4
             34;5N; 24.0E   10KM    11 28 47.1

MB=5.1(19)   D=148.6 DEG  AZ= 23
             21;4S;179.4W  619KM H=14 23 04.8
             21;3S;178.0W   33KM    14 22 02.8
MC   =4.8    DISTANCE 148 DEG     DEPTH 610 KM

MB=4.2(10)   D= 17.3 DEG  AZ=133
             38;1N; 28.9E   10KM H=17 35 10.5
             38;0N; 29.0E   10KM    17 35 12.4

NO MB COMP,  D=  7.3 DEG  AZ=110
             48;4N; 23.3E   33KM H=22 02 07.8
             48;5N; 23.5E   10KM    22 02 06.3


NO MB COMP,  D= 10.0 DEG  AZ=151
             42;4N; 19.6E   10KM H=04 27 55.4
             42;2N; 19.1E   10KM    04 27 51.1

MB=6.1(78)   D= 87.1 DEG  AZ=281
MPV  =6.5    9;0N; 83.5W   40KM H=04 26 54;2
MPV  =6.6 MPH  =6.4  8;8N; 83.9W   33KM    04 26 53.8


NO MB COMP,  D=  9.9 DEG  AZ=155
             42;2N; 18.7E   10KM H=10 16 48.9
             42;2N; 18.9E   10KM    10 16 50.4

MB=4.6(12)   D= 78.9 DEG  AZ= 39
             39;3N;140.8E  141KM H=10 59 30.8
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1979 AUG 24   TRACES; NEAR EAST COAST OF KAMCHATKA
P          13 42 26

1979 AUG 24   NORTHERN CHINA
P(1)    AB 17 09 50.2C 1.2 /  155
P(2) OR AP    09 57.2  1.2 /  210
              10 06
PCP           10 29
PP            12 07
PKP     AB    13 41
S        B    18 16
(SSS).   B    24.9
 LM      B    33.5
 LM      B    38.2       I 14   AN   6.5 AE   9   AV  10.5   MLH =6.2 MLV =6.2
PKPPKP        39 01

1979 AUG 24   POLAND, UPPER SILESIA
E SG       23 38 52

1979 AUG 25
E          04 59 00

1979 AUG 25   NORTH ATLANTIC RIDGE
P       AB 08 54 12.1C 2.0 /  750  2.0 /  145  2.0 /  210
              54 29.3
E          B  55 52
E          B  56 44
E S        B 09 02 26
E(S)       B  02 37
E SS       B  06.4
E SSS      B  09.1
E          B  10.6
  L        B  13
  LM       B  18       I 18   AN( 62.5)AE  62.5 AV(102)   MLH =7.0 MLV =7.1
E PKPPKP      24 06
  FINAL    12

1979 AUG 25   FIJI ISLANDS REGION
I PKP1     10 26 04.8C 0.8 /   15
E             26 56

1979 AUG 25   NEW HEBRIDES ISLANDS
E(PKHKP)   21 24 17
E PKIKP AB    24 29
E             24 49
E             27 09
E PP       B  27 22
E SKP         28 03
E          B  32 14
E SSS      B  50.9
 LM        B 22 27

1979 AUG 26   CENTRAL ITALY
E SN       00 40 10
E SG          41 31
E             41 49

1979 AUG 26   TIBET
E P        05 08 26


1979 AUG 26
E          11 50 43

1979 AUG 26   NEW HEBRIDES ISLANDS
E PKP   AB 12 06 57
E             07 06
E PP          09 58
E PKS      B  10 46
  LM       B 13 10       I 20   AN   2.2 AE   1.5 AV   2.5   MLH =6.0 MLV =6.1
  FINAL       13 30

1979 AUG 26
E          12 52 54

1979 AUG 26
E          13 25 02

1979 AUG 26   VOLCANO ISLANDS REGION
E P        13 28 31
E PP          32 23

1979 AUG 26   PHILIPPINE ISLANDS REGION
I P(1)     14 44 05.4  1.8 /   89
I P(2)  AB    44 10.3  2.4 /  800
E             44 27
E(PP)      B  47 48
E(S)    AB    54 36
E PS       B  55 42
  LM       B 15 15
  LM          29       I 20   AN( 90)  AE 137   AV(180)   MLH =7.5 MLV =7.6

1979 AUG 27   PAKISTAN
E P        01 12 53

1979 AUG 27
E          01 31 45
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MB=4.6( 5)   D= 71.1 DEG  AZ= 19
             54;8N;161.7E   33KM H=13 31 09.9 (U)

MB=5.8(112)  D= 62.1 DEG  AZ= 58
             41;1N;108.1E   33KM H=16 59 30.8 (U)
             41;2N;108.2E    1KM    16 59 25.6 (M)
             DISTANCE  63 DEG

             D=432 KM  AZ=103
             50;2GN;18.9OE          H=23 36 43;9 (P)

MB=6.1(99)   D= 60.0 DEG  AZ=248
             10;7N; 41.7W   10KM H=08 44 04.0 (U)
             11;7N; 41.7W    3KM    08 44 07.3 (M)
             DISTANCE  60 DEG

MB=4.5( 9)   D=145.9 DEG  AZ= 20
             17;9S;178.5W  639KM H=10 07 34.9 (U)

MB=5.5(27)   D=138.8 DEG  AZ= 40
             15;6S;167.1E   33KM H=21 05 04.0 (U)
             15;9S;167.0E   33KM    21 05 04.8 (M)


NO MB COMP,  D=  8.2 DEG  AZ=162
             43;1N; 12.6E   33KM H=00 36 48.2 (U)
             42;9N; 12.6E   10KM    00 36 47.0 (B)

MB=4.8(22)   D= 60.6 DEG  AZ= 73
             32;9N; 95.4E   33KM H=04 58 15.2 (U)
             32;8N; 95.4E    1KM    04 58 10.4 (M)


MB=5.5(17)   D=140.9 DEG  AZ= 40
             17;7S;167.7E   10KM H=11 47 24.5 (U)
             17;6S;167.1E    1KM    11 47 23.6 (M)


MB=5.3(44)   D= 95.9 DEG  AZ= 44
             22;1N;144.8E   33KM H=13 15 08.2 (U)
             22;2N;144.7E   73KM    13 15 13.7 (M)

MB=6.1(91)   D= 86.6 DEG  AZ= 64
             19;1N;122.1E   15KM H=14 31 22.1 (U)
             19;2N;122.2E   33KM    14 31 24.8 (M)
             DISTANCE  86 DEG

MB=4.6( 2)   D= 48.2 DEG  AZ= 99
             26;5N; 68.2E   33KM H=01 04 13.3 (U)
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1979 AUG 27 FIJI ISLANDS REGION MB=5,4(37)
E PKIKP 03 27 59 D=149,6 DEG AZ= 17
I PKP1 28 04,4 1.2 / 84 21,7S;176.2W 154KM H=03 08 32;3 (
I APKP 28 46.3 21,1S;178.1W 65KM 03 08 27;4 (
I 28 53.1(SEE THE NEXT QUAKE)

OR ANOTHER POSSIBILITY

1979 AUG 27 TONGA ISLANDS MB=5,5(8)
I PKP1 03 28 53.1 D=149,0 DEG AZ= 16
21,0S;175.8W 108KM H=03 09 16;6 (

1979 AUG 27 PHILIPPINE ISLANDS REGION MB=4,3(16)
E AP 03 46 06 D= 86,8 DEG AZ= 63
19,1N;122.4E 33KM H=03 33 08;3 (
19,1N;122.4E 33KM 03 33 08;4 (

1979 AUG 27 TRACES, EXPLOSION OF 1.0 TONS; GERMAN DEMOCRATIC REPUBLIC
E PG 10 59 00 D= 17 KM AZ=135
I SG 59 02.0 51,2ON;13.18E
I L 59 05.5

1979 AUG 27 TRACES, EXPLOSION
E SG 10 59 15
E L 59 21

1979 AUG 27 SOUTHERN IRAN MB=4,4(3)
E 15 31 53 D= 39,7 DEG AZ=109
28,0N; 56.1E 33KM H=15 24 06;5 (

1979 AUG 27 EASTERN MEDITERRANEAN SEA MB=3,9(4)
E P 19 15 32 D= 20,3 DEG AZ=138
34,8N; 29.3E 33KM H=19 10 54;8 (

1979 AUG 27
E 22 07 14

1979 AUG 27 KERMADEC ISLANDS REGION MB=4,3(2)
I PKP2 22 17 05.2C D=157,2 DEG AZ= 29
30,5S;179.7W 350KM H=21 57 18;2 (

1979 AUG 28 FIJI ISLANDS REGION MB=4,6(2)
I PKP1 09 24 17.3 D=146,4 DEG AZ= 18
18,7S;177.6W 462KM H=09 05 24;1 (

1979 AUG 28 TRACES; LOYALTY ISLANDS REGION MB=4,5(2)
E PKP1 13 00 13 D=147,0 DEG AZ= 58
22,2S;171.5E 33KM H=12 40 32;9 (

1979 AUG 28 MINDORO, PHILIPPINE ISLANDS MB=4,9(28)
E P 15 32 21 D= 90,0 DEG AZ= 68
13,9N;120.7E 194KM H=15 19 38;0 (
13,4N;121.2E 33KM 15 19 20;3 (

1979 AUG 28 EL SALVADOR MB=4,7(9)
E P 17 02 10 D= 87,7 DEG AZ=288
13,2N; 89.9W 60KM H=16 49 29;0 (

1979 AUG 28 NEW HEBRIDES ISLANDS MB=4,8(4)
E PKP 17 20 05 D=140,6 DEG AZ= 40
17,4S;167.7E 33KM H=17 00 35;0 (

1979 AUG 28 FIJI ISLANDS REGION MB=4,6(4)
I PKP1 17 32 47.9C 1.2 / 20 D=146,0 DEG AZ= 17
18,1S;176.8W 336KM H=17 13 45;0 (

1979 AUG 28 NEAR EAST COAST OF KAMCHATKA MB=5,0(63)
I P 20 50 41.9E 1.4 / 20 D= 73,7 DEG AZ= 22
51,1N;157.7E 61KM H=20 39 14;2 (
51,2N;157.5E 64KM 20 39 15;3 (

1979 AUG 29 OFF EAST COAST OF KAMCHATKA MB=4,8(39)
I P 05 23 35.1C 1.2 / 31 D= 72,8 DEG AZ= 21
52,5N;159.5E 50KM H=05 12 11;2 (
52,5N;159.4E 49KM 05 12 11;2 (

1979 AUG 29 AFGHANISTAN-USSR BORDER REGION MB=4,8(19)
E P 05 33 48 D= 43,2 DEG AZ= 86
37,0N; 71.5E 101KM H=05 25 55;5 (
37,3N; 71.5E 103KM 05 25 58;4 (

1979 AUG 29 KURILE ISLANDS MB=4,0(3)
E P 08 25 02 D= 77,6 DEG AZ= 30
E 25 13 44,4N;149,8E 33KM H=08 13 07;6 (

1979 AUG 29 UNDERGHOLND EXPLOSION MB=4,7(22)
>NESSEL< D= 81,3 DEG AZ=321
E P 15 20 19 37,1N;116.1W 0KM H=15 08 00;2 (

1979 AUG 29 TRACES
E 16 58 04

1979 AUG 29 WESTERN POLAND
E 19 47 09
E SG 47 38

1979 AUG 29 FIJI ISLANDS REGION MB=5,3(38)
I PKP 21 48 19.0 1.4 / 220 D=145,1 DEG AZ= 20
I / 48 37.1 17,6S;178.9W 502KM H=21 29 41;4 (
E APKP 50 34 18,2S;178.7W 33KM 21 28 44;9 (
E PP 51 39

1979 AUG 30 HINDU KUSH REGION MB=4,9(45)
E P 02 08 03 D= 41,8 DEG AZ= 89
E PP 09 42 36,3N; 68,6E 36KM H=02 00 14;4 (
36,2N; 68,7E 3KM 02 00 09;3 (

1979 AUG 30 TRACES; KURILE ISLANDS MB=4,3(1)
E P 02 42 37 D= 77,6 DEG AZ= 30
44,4N;149,8E 33KM H=02 30 42;4 (

1979 AUG 30 TRACES
E 03 42 02

1979 AUG 30
E 06 21 09

1979 AUG 30 KURILE ISLANDS MB=4,8(11)
E P 10 01 19.3C 1.3 / 24 D= 77,6 DEG AZ= 30
E AP 01 30 44;4N;149.8E 33KM H=09 49 25;0 (U)
44;4N;149.7E 33KM 09 49 26;1 (M)

1979 AUG 30 HINDU KUSH REGION MB=4,9(11)
E P 10 20 47 D= 41,8 DEG AZ= 89
E PP 22 22 36;3N; 68.6E 33KM H=10 12 58;5 (U)
36;2N; 68.5E 3KM 10 12 53;5 (M)

1979 AUG 30
E 10 36 46

1979 AUG 30
E P 11 53 34 D 1.0 / 14

1979 AUG 30
E 16 42 37

1979 AUG 30 SAN JUAN PROVINCE, ARGENTINA MB=5,3(38)
E APKP 19 18 22 D=108,4 DEG AZ=243
E 18 34 31;4S; 67.6W 32KM H=18 59 45;3 (U)
E PP 18 42 32,0S; 67.7W 33KM 18 59 45;8 (M)

1979 AUG 30 TRACES; KERMADEC ISLANDS /4,8(1)/ D=157,5 DEG AZ= 24
E PKP2 20 38 01 D 30;1S;177.3W 33KM H=20 17 35 (I)

1979 AUG 30 TRACES; KODIAK ISLAND REGION MB=4,4(4)
E P 21 29 04;9D D= 70,9 DEG AZ=353
57,7N;154,5W 67KM H=21 17 53;2 (U)

1979 AUG 31 SOUTH OF FIJI ISLANDS MB=4,7(3)
E PKP1 00 41 47.8C 0.8 / 19 D=150,7 DEG AZ= 26
23;9S;179.6E 557KM H=00 22 57;0 (U)

1979 AUG 31 FOX ISLANDS, ALEUTIAN ISLANDS MB=4,6(8)
E P 01 33 11 D= 76,7 DEG AZ= 1
52;4N;168.5W 33KM H=01 21 23;4 (U)

1979 AUG 31 SOUTH OF FIJI ISLANDS MB=5,1(1)
E PKIKP 02 17 16 D=151,7 DEG AZ= 25
E PKP1 17 24.0 1.1 / 26 24;7S;179.5W 483KM H=01 58 22;7 (U)
E PKP2 17 35

1979 AUG 31 GREENLAND SEA /4,6(3)/ D= 24,5 DEG AZ=356
E 07 38 38 75;6N; 6 E 33KM H=07 33 14 (I)

1979 AUG 31 HINDU KUSH REGION MB=4,8(27)
E P 08 32 45 D= 41,9 DEG AZ= 89
E PP 34 21 36;2N; 68.6E 33KM H=08 24 52;5 (U)
36,2N; 68.6E 3KM 08 24 48;5 (M)

1979 AUG 31 EXPLOSION OF 6.0 TONS; GERMAN DEMOCRATIC REPUBLIC D= 10 KM AZ=311
E PG AB 10 27 23.9 51;37N;12.89E
E SG AB 27 25.9

1979 AUG 31 QUESTIONABLE EVENT
E SG 12 06 33

1979 AUG 31 HOKKAIDO, JAPAN, REGION MB=5,0(52)
E P 13 56 31.3 1.0 / 21 D= 76,8 DEG AZ= 36
42,4N;142.2E 115KM H=13 44 51;2 (U)
42;8N;142.2E 64KM 13 44 47;9 (M)

1979 AUG 31 WESTERN TURKEY MB=4,1(14)
E(P) 15 19 50 D= 17,7 DEG AZ=118
40,8N; 33.7E 8KM H=15 15 37;1 (U)
40;8N; 33.7E 10KM 15 15 39;5 (B)
41;2N; 34.0E 49KM 15 15 44;9 (M)

1979 AUG 31
E 17 11 53

1979 AUG 31 GREECE MB=4,1(23)
E(P) 17 27 18 D= 12,7 DEG AZ=142
E 27 36 40,6N; 23.3E 33KM H=17 24 11;9 (U)
E 29 09 40,8N; 23.4E 10KM 17 24 12;0 (B)
E LG2 31 07 41,2N; 23,7E 33KM 17 24 18;4 (M)
E LM B 32

1979 AUG 31 YUGOSLAVIA-ALBANIA COAST REG, ** MB=3,3(2)
E 18 11 39 D= 10,0 DEG AZ=155
E SG 12 06 42,1N; 18,6E 10KM H=18 06 33;2 (U)
42,2N; 18,8E 10KM 18 06 35;9 (B)

1979 AUG 31 WESTERN IRAN MB=4,5(15)
E P 20 47 10 D= 32,2 DEG AZ=111
(32,8N; 49,3E 33KM H=20 40 40;2 (U))
(30,3N; 52,2E 10KM 20 40 10;1 (B))
(30,2N; 49,9E 33KM 20 40 23;2 (M))

1979 AUG 31 ALASKA PENINSULA MB=5,1(51)
I P 20 54 05.2C 1.4 / 28 D= 74,6 DEG AZ=357
54,4N;161.8W 20KM H=20 42 27;4 (U)
55,1N;162.1W 33KM 20 42 33;0 (M)

1979 AUG 31 FIJI ISLANDS REGION MB=4,7(8)
I PKP1 23 51 49.0C 0.9 / 29 D=148,0 DEG AZ= 21
I PKP2 51 53.9 1.0 / 20 20,6S;178.5W 576KM H=23 33 06;9 (U)
E APKP 54 02 MC =4.6 DISTANCE 147;5 DEG

1979 SEP 01 SOUTH OF HONSHU, JAPAN
E P 01 07 25 [1.3 / 22 — MB=4.9(31) — D= 86.1 DEG AZ= 42; 31.4N;141.7E 35KM H=00 54 46;6; 31.1N;141.2E 33KM 00 54 47;5

1979 SEP 01 SOUTH OF HONSHU, JAPAN
E P 01 25 03 — MB=4.8(8) — D= 86.1 DEG AZ= 42; 31.4N;141.8E 38KM H=01 12 24;9; 31.4N;141.8E 33KM 01 12 24;5

1979 SEP 01
E 03 01 20 — MB=5.8(113) — D= 75.1 DEG AZ=359; 54.0N;165.2W 60KM H=05 27 17;6; 54.0N;165.6W 40KM 05 27 20;8

1979 SEP 01 FOX ISLANDS, ALEUTIAN ISLANDS
I P 05 38 53.0C 1.1 / 200

1979 SEP 01
E 07 41 18 — MB=4.6(20) — D= 27.5 DEG AZ=274; 45.5N; 27.9W 10KM H=12 20 53;6; 45.8N; 27.9W 10KM 12 20 56;9; MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE

1979 SEP 01 NORTH ATLANTIC RIDGE
E P(1) 12 26 41
E P(2) 26 52 2.1 / 91
E 27 00
E 27 58
E 29 26
LM B 36 — D= 17.5 DEG AZ=142; 36.6N; 26.4E 10KM H=13 02 18;2

1979 SEP 01 DODECANESE ISLANDS
E(P) 13 06 27 — MB=4.8(34) — D= 27.9 DEG AZ=273; 45;0N; 28.1W 10KM H=13 03 39;5; 45.1N; 28.0W 10KM 13 03 42;6; 45.5N; 27.9W 3KM 13 03 41;2

1979 SEP 01 NORTH ATLANTIC RIDGE
I P 13 09 30.6C 1.8 / 48
E PPP 10 34
E S B 14.3
LM B 19 T 17 AN 1.5 AE 2 AV 2.5 MLH =4.9 MLV =5.1

1979 SEP 01
E 13 20 14 — MB=4.7(44) — D= 28.0 DEG AZ=273; 44;9N; 28.2W 10KM H=13 20 26;7; 45.1N; 28.4W 10KM 13 20 28;7; 44;8N; 28.4W 3KM 13 20 23;4

1979 SEP 01 NORTH ATLANTIC RIDGE
E P 13 26 18 2.0 / 67
E 27 27
E 28 12
E S B 31.0
LM B 36 T 17 AN 3.5 AE 4 AV 5 MLH =5.2 MLV =5.4

1979 SEP 01 NORTH ATLANTIC RIDGE
I P 13 33 36.9C 2.0 / 100 — MB=4.7(43) — D= 27.9 DEG AZ=273; 44;9N; 28.1W 10KM H=13 27 45;2; 44.9N; 28.1W 10KM 13 27 47;7; 44;7N; 28.3W 3KM 13 27 42;1

1979 SEP 01 AZORES ISLANDS REGION
E P 13 41 21 2.1 / 50 — MB=4.5(14) — D= 30.0 DEG AZ=270; 42;5N; 29.5W 10KM H=13 35 12;6; 43;2N; 28.6W 10KM 13 35 23;7

1979 SEP 01 NORTH ATLANTIC RIDGE
I P 14 10 15.0C 1.7 / 30
LM B 20 T 18 AN 1 AE 1 AV 1.5 — MB=4.6(30) — D= 27.9 DEG AZ=273; 45;0N; 28.1W 10KM H=14 04 23;9; 45;1N; 28.1W 10KM 14 04 27;3; 45;5N; 28.0W 3KM 14 04 25;7

1979 SEP 01 TAIWAN
E P 17 32 43
E AP 32 55 — MB=5.0(15) — D= 83.1 DEG AZ= 61; 23;2N;121.6E 33KM H=17 20 20;7; 23;6N;121.4E 33KM 17 20 23;4

1979 SEP 01 OFF EAST COAST OF KAMCHATKA
I P(1) AB 18 06 24.0C 1.6 / 53
I P(2) 06 29.0
I P(3) 06 33.5 1.6 / 180
E S AB 15 50
I 16 01
E PS B 16.5
LMH B 40 T 16 AN 1.5 AE 4 AV 2 MLH =5.9
LMV B 43 T 16 AN 3 AE 1.5 AV 4 MLV =5.9 — MB=5.5(73) — D= 72.8 DEG AZ= 20; 52;8N;161.1E 29KM H=17 54 57;3; 52.9N;160.1E 58KM 17 55 02;5; DISTANCE 72 DEG; MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE

1979 SEP 01 OFF EAST COAST OF KAMCHATKA
E(P) 18 17 00
E 19 54 — MB=4.9(5) — D= 72.7 DEG AZ= 20; 52.9N;161.0E 33KM H=18 05 28;5

1979 SEP 01 TRACES; NEAR EAST COAST OF HONSHU, JAPAN
E 20 09 07 — /3.9(1)/ D= 80.4 DEG AZ= 38; 38;2N;142.1E 38KM H=19 56 40;2

1979 SEP 01 NORTH ISLAND, NEW ZEALAND
I PKP2 22 04 16.6C 1.0 / 21 — MB=4.8(2) — D=162.2 DEG AZ= 46; 37;7S;176.9E 175KM H=21 43 48;1

1979 SEP 01 OFF EAST COAST OF KAMCHATKA
E P 23 18 49 1.0 / 20
I AP 18 59.2 1.5 / 58
LM B 56 — MB=5.0(59) — D= 72.8 DEG AZ= 20; 52.8N;161.0E 33KM H=23 07 22;7; 53;1N;160.2E 64KM 23 07 29;1

1979 SEP 01 OFF EAST COAST OF KAMCHATKA
E P 23 29 02
E AP 29 10 — MB=4.7(11) — D= 72.8 DEG AZ= 20; 52.9N;161.2E 33KM H=23 17 34;2; 52;9N;160.1E 80KM 23 17 41;6

1979 SEP 02 EL SALVADOR
E P 01 23 36
E(AP) 23 53 — MB=4.9(23) — D= 87.1 DEG AZ=287; 13;1N; 88.7W 81KM H=01 10 57;6

1979 SEP 02 COLOMBIA
I P 02 12 45.4C — MB=4.7(23) — D= 86.3 DEG AZ=272; 4;3N; 76.4W 95KM H=02 08 11;8 (U)

1979 SEP 02 NORTHEASTERN CHINA
E P 03 33 38 — MB=4.6(5) — D= 68.4 DEG AZ= 53; 39;7N;118.2E 33KM H=03 22 37;0 (U)
LMH B 04 00
LMV B 06

1979 SEP 02 OFF EAST COAST OF KAMCHATKA
E P 08 11 26 1.5 / 89
E S AB 20 54
LM B 49 T 14 AN 1 AE 1 AV 1.5 — MB=5.3(39) — D= 73.8 DEG AZ= 20; 52;7N;161.2E 34KM H=07 59 59;0 (U); 53;1N;159.9E 56KM 08 00 06;8 (M)

1979 SEP 02 SOLOMON ISLANDS
I PKP 08 15 26.7 — /4.8(9)/ D=123.7 DEG AZ= 49; 5;0S;154.3E 439KM H=07 57 17;9 (I)

1979 SEP 02
LM B 09 22

1979 SEP 02
E 09 35 14

1979 SEP 02 OFF EAST COAST OF KAMCHATKA
E P(1) 10 24 23
E P(2) 24 31 1.9 / 49 — MB=4.9(28) — D= 72.5 DEG AZ= 20; 53;1N;161.0E 33KM H=10 12 58;4 (U); 52;8N;160.1E 45KM 10 13 04;3 (M); MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE

1979 SEP 02
E 12 06 55

1979 SEP 02 OFF EAST COAST OF KAMCHATKA
E AP 12 33 40 — Mb=4.6(7) — D= 72.6 DEG AZ= 20; 53;0N;161.0E 33KM H=12 22 04;8 (U)

1979 SEP 02 GREECE-ALBANIA BORDER REGION
E P 13 57 28
E 14 01 06
E LMH AB 01 31
LMV B 02.5 — MB=3.9(4) — D= 12.1 DEG AZ=150; 40;5N; 20.9E 11KM H=13 54 28;3 (U); 40.5N; 20.9E 0KM 13 54 30;8 (B); 40;1N; 20.6E 3KM 13 54 25;8 (M)

1979 SEP 02 PAKISTAN
E 16 23 14
E PPP 25 31
LMH B 44 — MB=4.8(21) — D= 45.4 DEG AZ= 99; 28.6N; 65.1E 33KM H=16 14 48;8 (U); 28.9N; 66.0E 33KM 16 14 51;1 (M)

1979 SEP 02 TRACES
I 18 31 57.8 — MB=3.3(7) — D=140.8 DEG AZ= 40; 17;6S;167.6E 33KM H=18 37 47;2 (U)

1979 SEP 02 NEW HEBRIDES ISLANDS
E 18 57 34 — MB=4.4(4) — D= 15.7 DEG AZ=154; 36;8N; 21.5E 42KM H=19 51 32;1 (U); 36;8N; 21.6E 46KM 19 51 33;7 (B)

1979 SEP 02 SOUTHERN GREECE
E(P) 19 55 16 — MB=4.2(5) — D= 14.5 DEG AZ=154; 37;9N; 20.9E 10KM H=21 14 59;6 (U); 37;9N; 21.0E 10KM 21 15 01;9 (B); 38;3N; 23.2E 33KM 21 15 18;6 (M)

1979 SEP 02 IONIAN SEA
E(P) 21 18 35
LMH B 23.8
LM B 24.9

1979 SEP 03 WESTERN POLAND
E SG 01 19 14 — MB=4.7(10) — D= 33.1 DEG AZ=100; 36;7N; 55.0E 26KM H=02 07 12;3 (U); 36;9N; 55.0E 3KM 02 07 11;3 (M)

1979 SEP 03 IRAN
E P 02 13 50

1979 SEP 03 NORTHERN YUGOSLAVIA
E SN 06 18 16
E SG 18 44 — NO MB COMP. — D= 5.4 DEG AZ=172; 46;0N; 14.1E 10KM H=06 15 57;2 (U); 46;0N; 14.2E 10KM 06 15 58;8 (B)

1979 SEP 03
LM B 21 08

1979 SEP 03
E 22 15 48

1979 SEP 03 CENTRAL ITALY
E 22 57 20
E SG 58 15 — NO MB COMP. — D= 8.5 DEG AZ=180; 42;8N; 13.0E 10KM H=22 53 32;7 (U) (A)

1979 SEP 04 TRACES, EXPLOSION; SOUTHEASTERN AUSTRIA ERZBERG,STEIERMARK
E SG 08 55 37

1979 SEP 04 TRACES
E 16 41 50

1979 SEP 04 POLAND, UPPER SILESIA
E 20 12 17
E SG 12 26 — D=430 KM AZ=103; 50;2?N;18.8?E H=20 10 20;5 (P)

1979 SEP 04
E 21 04 30

1979 SEP 04 LOYALTY ISLANDS REGION
I PKP1 21 22 46.9 1.6 / 73
I 23 00.2
I 24 23.3
LM B 22 30 T 21 AN 1.5 AE 0.5 AV 1.5 MLH =5.8 MLV =5.9 — MB=5.5(24) — D=147.2 DEG AZ= 38; 22;9S;171.9E 44KM H=21 03 07;4 (U); 22;8S;171.0E 33KM 21 03 08;1 (M)

1979 SEP 04 TRACES
E 22 34 57

1979 SEP 04 POLAND, UPPER SILESIA MB=5,3(9) D=147,1 DEG AZ= 38
E 23 21 34 22,8S;171,6E 46KM H=03 31 01;5 (E

1979 SEP 05 LOYALTY ISLANDS REGION
E PKP1 03 50 40 1,6 / 49
I 51 16,1
LM B 04 58

1979 SEP 05 KURILE ISLANDS MB=4,6(13) D= 76,3 DEG AZ= 29
E P 05 08 19 1,3 / 16 46,3S;151,3E 57KM H=04 56 29;4 (
45,6S;151,9E 33KM 04 56 24,8 (

1979 AUG 05 WEST IRIAN REGION MB=5,5(22) D=108,2 DEG AZ= 87
E(PP) 07 56 34 0,4S;132,3E 47KM H=07 37 39;3 (
0,3S;132,4E 33KM 07 37 38;1 (

1979 SEP 05 IRAN MB=5,2(19) D= 36,2 DEG AZ=102
E P 09 33 55 33,2N; 57,0E 33KM H=09 26 53;7 (
E AP 34 08 34,2N; 57,1E 3KM 09 26 51;9 (
E PP 35 21

1979 SEP 05 TONGA ISLANDS MB=5,2(19) D=145,6 DEG AZ= 12
I PKP 11 21 26,7D 1,5 / 31 17,3S;174,1W 70KM H=11 01 56,7 (
I APKP 22 01,4

1979 SEP 05
E 14 08 07

1979 SEP 05 SANTIAGO DEL ESTERO PROV., ARG. MB=5,5(56) D=103,1 DEG AZ=242
I P 14 09 19,0D 1,3 / 17 27,6S; 63,3W 556KM H=13 56 18;1 (
E AP 11 34 27,2S; 64,5W 33KM 13 55 19;3 (
I PP 13 37,9 1,6 / 34

1979 SEP 05
I P 17 14 06,6D 0,9 / 14

1979 SEP 06 TRACES
E 00 22 49

1979 SEP 06
E 01 33 31

1979 SEP 06
E 02 05 55

1979 SEP 06 TIBET MB=4,8(27) D= 54,7 DEG AZ= 60
E P 03 02 35 32,7N; 85,5E 33KM H=02 53 05;3 (E
LMW B 25 33,1N; 85,6E 4KM 02 53 04;1 (
E B 29

1979 SEP 06 NEW BRITAIN REGION MB=5,6(36) D=122,4 DEG AZ= 54
I PKP AB 03 28 29,8D 0,9 / 12 6,0S;149,7E 42KM H=08 09 37;7 (
E 29 06 5,8S;149,4E 33KM 08 09 40;7 (
E PP B 30,1
E PS B 40,7
E SKKP 42 18
LM B 09 22 T 20 AN 2 AE 2,5 AV 3,5 MLR =6,0 MLV =6,1

1979 SEP 06 ICELAND REGION MB=4,3(12) D= 22,7 DEG AZ=332
E P 12 14 18 1,5 / 30 68,9N; 17,0W 10KM H=12 09 14;4 (
LM B 24 68,8N; 17,8W 10KM 12 09 15;7 (

1979 SEP 06
E 13 28 51

1979 SEP 06
E 13 52 32

1979 SEP 06 UNDERGROUND EXPLOSION MB=5,8(68) D= 81,3 DEG AZ=321
>HEARTS<
I P 13 12 18,2C 1,4 / 115 1,4 / 45 1,4 / 39 37,1N;116,1W 0KM H=15 00 00;1 (

1979 SEP 06 NEAR EAST COAST OF KAMCHATKA MB=4,9(17) D= 72,1 DEG AZ= 20
E P 15 28 24 1,4 / 20 53,4N;160,2E 60KM H=15 17 04;9 (
53,4N;160,2E 50KM 15 17 04;4 (

1979 SEP 06 UNDERGROUND EXPLOSION MB=4,9(43) D= 44,3 DEG AZ= 30
I P 18 08 10,8C 1,0 / 26 64,1N; 99,6E 0KM H=17 59 57;7 (
E 09 47
E 10 16

1979 SEP 06 PRG, SOUTHWESTERN REGION NO MB COMP, D= 4,0 DEG AZ=221
E SG 21 33 55 48,2N; 9,1E 37KM H=21 31 46;7 (

1979 SEP 07 BONIN ISLANDS REGION MB=4,9(63) D= 87,9 DEG AZ= 45
I P 00 54 56,3C 1,7 / 50 28,3N;139,6E 435KM H=00 42 54;0 (
E PP 58 27 27,8N;139,9E 320KM 00 42 43;3 (

1979 SEP 07 POLAND, UPPER SILESIA
E 03 54 07

1979 SEP 07 SOUTH OF FIJI ISLANDS MB=4,9(4) D=151,6 DEG AZ= 26
I PKP1 10 30 33,6D 0,8 / 13 24,8S;179,6E 496KM H=10 11 35;7 (

1979 SEP 07 TRACES, EXPLOSION
E PG 13 00 32
E SG 00 46

1979 SEP 07 CENTRAL YUGOSLAVIA NO MB COMP, D= 7,1 DEG AZ=153
SUPERPOSED BY PRECEDING EXPLOSION 44;9N; 17,5E 10KM H=12 57 57;4 (U)
E(SG) 13 01 09 44;9N; 17,4E 10KM 12 58 00;8 (B)
E SG 01 48

1979 SEP 07 KIRGHIZ SSR MB=4,4(17) D= 42,8 DEG AZ= 78
I P 15 47 50,3D 41;5N; 75,2E 59KM H=15 39 56;0 (U)
41;5N; 75,2E 33KM 15 39 55;5 (M)

1979 SEP 07
E 17 24 17

1979 SEP 07 TRACES; TAJIK-SINKIANG BURDER REGION MB=4,9(8) D= 43,5 DEG AZ= 83
I P 17 27 35,3 0,7 / 8 38;4N; 73,3E 96KM H=17 19 40;5 (U)
38;5N; 73,2E 102KM 17 19 41;4 (M)

1979 SEP 07 LOYALTY ISLANDS REGION NO MB COMP, D=147,3 DEG AZ= 38
E PKP1 21 57 19 23;0S;171,7E 33KM H=21 37 35;9 (U)

1979 SEP 07 CASPIAN SEA MB=4,5(4) D= 28,9 DEG AZ=104
I P 22 59 55,7D 37;7N; 49,2E 33KM H=22 53 58;9 (U)
38;1N; 49,1E 10KM 22 54 00;4 (B)
37;7N; 49,3E 33KM 22 53 58;8 (M)

1979 SEP 07 TRACES; FIJI ISLANDS REGION MB=4,9(4) D=144,9 DEG AZ= 20
E PKP 23 17 12 17;4S;178,7W 546KM H=22 58 34;5 (U)

1979 SEP 08 NEAR EAST COAST OF KAMCHATKA MB=4,6(8) D= 71,3 DEG AZ= 19
I P 03 04 31,9D 1,3 / 17 54;6N;161,8E 33KM H=02 53 13;9 (U)

1979 SEP 08 GULF OF ALASKA MB=4,7(26) D= 68,3 DEG AZ=349
E P 07 26 41 59;5N;146,7W 33KM H=07 15 41;0 (U)
58;7N;146,5W 33KM 07 15 37;0 (M)

1979 SEP 08 SOUTH OF FIJI ISLANDS MB=5,1(23) D=150,2 DEG AZ= 23
I PKP1 14 07 04,3D 0,8 / 35 22;9S;179,0W 429KM H=13 46 02;7 (U)
I 07 06,4C 22;5S;179,9E 33KM 13 47 23;0 (M)
I(PKP2) 07 13,9
E APKP 08 50
E PP 10 41

1979 SEP 08
E 17 12 39

1979 SEP 08 TRACES
E 20 19 30

1979 SEP 09 KURILE ISLANDS MB=4,8(9) D= 77,4 DEG AZ= 32
I P 02 33 23,1C 1,0 / 21 43;9N;147,9E 48KM H=02 41 32;7 (U)
44;0N;148,0E 60KM 02 41 34;4 (M)

1979 SEP 09
E 03 20 05

1979 SEP 09 NORTH OF ASCENSION ISLAND /4,3(14)/ D= 56,9 DEG AZ=215
E P 06 52 49 0;3S; 15,9W (33KM H=06 43 08;8)(I)

1979 SEP 09 FOX ISLANDS, ALEUTIAN ISLANDS MB=4,6(40) D= 76,1 DEG AZ=360
E P 07 36 1- 53;0N;166,8W 15KM H=07 24 23;5 (U)
52;1N;166,6W 33KM 07 24 21;0 (M)

1979 SEP 09 TAJIK-SINKIANG BORDER REGION MB=4,6(39) D= 43,4 DEG AZ= 83
E P 10 52 42 D 1,1 / 15 38;5N; 73,3E 118KM H=10 44 49;3 (U)
E PP 54 21 38;7N; 73,3E 105KM 10 44 49;8 (M)
E 54 39

1979 SEP 09 KURILE ISLANDS MB=4,2(20) D= 76,3 DEG AZ= 33
I P 11 10 40,7 44;5N;146,1E 232KM H=10 59 16;8 (U)

1979 SEP 09
E 13 16 02

1979 SEP 09 TRACES
E 14 50 13

1979 SEP 09
E 15 40 52

1979 SEP 09 KURILE ISLANDS MB=4,7(31) D= 75,8 DEG AZ= 26
I P 17 00 03,9D 1,5 / 20 47;9N;154,6E 42KM H=16 48 21;7 (U)
48;4N;154,4E 64KM 16 48 28;3 (M)

1979 SEP 10 AZORES ISLANDS REGION MB=4,7(44) D= 29,7 DEG AZ=270
E 06 38 20 42;7N; 29,3W 10KM H=06 32 04;2 (U)
LM B 49 42;7N; 29,3W 10KM 06 32 06;6 (B)
43;5N; 29,0W 28KM 06 32 12;0 (M)

1979 SEP 10 NORTHERN YUGOSLAVIA D= 5,0 DEG AZ=169
E SG 07 10 19 46;4N; 14,4E 25KM H=07 07 41;0
E 10 27 (ING)

1979 SEP 10 AZORES ISLANDS REGION (U)
LM B 07 46

1979 SEP 10 TRACES
E 08 08 53

1979 SEP 10 AZORES ISLANDS REGION
LM B 08 19

1979 SEP 10 SOUTH ATLANTIC RIDGE
E P 09 16 55

1979 SEP 10 FIJI ISLANDS REGION
E PKP 09 52 03

1979 SEP 10 TRACES; AZORES ISLANDS REGION
E P 11 06 15

1979 SEP 10 QUESTIONABLE EVENT
I SG 11 55 57.6

1979 SEP 10 TONGA ISLANDS
I PKP1 12 53 06.3C
E 53 20

1979 SEP 10 FIJI ISLANDS REGION
I PKP1 12 58 43.4 0.7 / 13
I PKP2 58 47.9

1979 SEP 10 SOUTH OF FIJI ISLANDS
E PKP1 15 23 27

1979 SEP 10 WESTERN GULF OF ADEN
E P 21 06 01

1979 SEP 11 TRACES; NEW BRITAIN REGION
E PKP 01 42 03

1979 SEP 11 AZORES ISLANDS REGION
E P 01 58 34 1.9 / 25
E 58 58
E PCP 02 01 44
LM B 08

1979 SEP 11 KERMADEC ISLANDS REGION
E(PKP2) 08 06 17

1979 SEP 11 MINDANAO, PHILIPPINE ISLANDS
E(AP) 12 06 35
E PP 10 14

1979 SEP 11 ROMANIA
E P 15 39 20 1.3 / 26
I 39 28.2 1.3 / 59
E SS B 41.5
E 43 39
E(PCS) 48 52

1979 SEP 11 QUESTIONABLE EVENT
E 16 38 40
E L 39 04

1979 SEP 11 FIJI ISLANDS REGION
I PKP 17 12 34.1C 0.9 / 19

1979 SEP 11 HOKKAIDO, JAPAN, REGION
I P 22 08 03.1 0.9 / 14

1979 SEP 11 TRACES
E 23 48 57

1979 SEP 12
E 01 49 51 1.6 / 32

1979 SEP 12 WEST IRIAN REGION
INTERRUPTED BY PAPER CHANGE
E P(1) 05 32 31
I P(2) 32 36.5C 2.2 / 100
E PKP 36 26
I PP(1) B 37 10 T 14 AN 3.7 AE 5.5 AV 8.9
I PP(2) 37 15
E SKS B 43.5
E(SKKS) B 44.4
E PS AB 46.6
E PKKP2 47 47
E 49 08
E PKKS 51 30
E PCPPKP 51 43
E SS B 53.0
E 53 03
LM B 06 20 T 20 AN(120) AE(130)
LM B 26 T 19 AN(150) AE 110 AV(220)
FINAL 10 30

1979 SEP 12 WEST IRIAN REGION
E PP 07 02 57

MB=5.0(25) D= 76.3 DEG AZ=304
22.1S; 12.0W 10KM H=09 05 02;8

/4.8(10)/ D=142.9 DEG AZ= 15
14.9S;176.5W 33KM H=09 32 29;4

MB=4.6(11) D= 29.9 DEG AZ=270
42.7N; 29.5W 10KM H=11 00 04;3
42.7N; 29.4W 10KM 11 00 06;5

MB=4.9(3) D=147.9 DEG AZ= 13
19.7S;174.2W 33KM H=12 33 21;4

/4.4(2)/ D=148.8 DEG AZ= 17
21.0S;176.5W 246KM H=12 39 22;4

NO ME COMP. D=150.4 DEG AZ= 25
23.5S;179.8E 553KM H=15 04 36;1

MB=4.9(2) D= 47.5 DEG AZ=134
12.0N; 46.0E 10KM H=20 57 25;8

MB=4.8(6) D=122.3 DEG AZ= 51
4.7S;151.8E 101KM H=01 23 26;2

MB=5.0(59) D= 29.7 DEG AZ=270
42.7N; 29.3W 10KM H=01 52 26;5
42.8N; 29.3W 10KM 01 52 29;3
42.8N; 29.1W 1KM 01 52 26;7

MB=5.2(3) D=158.1 DEG AZ= 30
31.5S;179.7W 203KM H=07 46 11;6

MB=5.5(43) D= 97.1 DEG AZ= 68
8.1N;125.0E 13KM H=11 52 47;1
8.4N;124.8E 3KM 11 52 47;4

MB=5.1(51) D= 10.5 DEG AZ=118
45.6N; 26.7E 154KM H=15 36 54;2
45.6N; 26.4E 140KM 15 36 55;7
45.8N; 26.4E 153KM 15 36 54;1
MULTIPLE SHOCK,
ME IS AN INADEQUATE VALUE

MB=6.3(70) D=111.4 DEG AZ= 64
1.7S;136.0E 5KM H=05 17 51;4
1.2S;135.9E 34KM 05 17 58;2
DISTANCE 110 DEG
MPPH =7.3 MPPV =7.2 MULTIPLE SHOCK,
ME IS AN INADEQUATE VALUE

MB=5.6(28) D=111.4 DEG AZ= 64
1.6S;136.2E 33KM H=06 43 36;9
1.4S;136.2E 33KM 06 43 38;2

1979 SEP 12 TRACES; WEST IRIAN REGION MB=5.5(27) D=111.3 DEG AZ= 64
PP 07 36 19 1;7S;135.8E 33KM H=07 16 56;6 (U)
0;6N;135.3E 33KM 07 17 05;8 (M)

1979 SEP 12 EASTERN TURKEY MB=5.0(12) D= 22.6 DEG AZ=113
P 16 19 56 38;7N; 39.8E 10KM H=16 14 51;3 (U)
20 01 38;7N; 40.0E 10KM 16 14 54;1 (B)
38;6N; 39.6E 3KM 16 14 48;8 (M)

1979 SEP 12
16 51 54

1979 SEP 13 NORWEGIAN SEA D= 16.3 DEG AZ=355
00 31 55 (67;5N; 9.5E H=00 27 28 (S))

1979 SEP 13 WESTERN POLAND
SG 02 25 47

1979 SEP 13 SOUTH OF FIJI ISLANDS MB=4.5(3) D=150.3 DEG AZ= 25
PKP1 03 58 46.2D 0.9 / 20 23;3S;180 566KM H=03 39 57;8 (U)
PKP2 58 55.5

1979 SEP 13 TRACES; NORTHERN PERU MB=5.0(21) D= 94.5 DEG AZ=267
P 04 54 17 5;4S; 77.5W 34KM H=04 40 58;7 (U)

1979 SEP 13 WEST IRIAN REGION MB=5.9(76) D=111.2 DEG AZ= 63
P 06 47 38 1;1S;136.5E 26KM H=06 33 02;5 (U)
AP 47 50 1;2S;136.5E 33KM 06 33 03;3 (M)
51 27 DISTANCE 110 DEG
PR AB 52 18
52 32
53 26
PS B 07 01.7
E(PKKP1) 02 26
LM B 41 T 18 AN 3.5 AE 3.5 AV 5 MLH =6.1 MLV =6.1
FINAL 09

1979 SEP 13 NORTHWEST OF KURILE ISLANDS MB=4.3(22) D= 71.0 DEG AZ= 25
P 07 45 20.3 1.1 / 16 52;6N;152.4E 474KM H=07 34 51;9 (U)

1979 SEP 13
E PKP 10 16 02 1.7 / 27

1979 SEP 13
E 11 21 17

1979 SEP 13 SOUTH OF FIJI ISLANDS MB=4.7(3) D=150.3 DEG AZ= 24
I PKP1 13 27 15.3 23;2S;179.6W 575KM H=13 08 25;0 (U)

1979 SEP 13
I P 16 00 57.3D 0.7 / 17

1979 SEP 13 TAIWAN MB=5.2(43) D= 82.7 DEG AZ= 63
I P 21 07 12.9C 22;6N;120.1E 40KM H=20 54 51;4 (U)
LM B 49 22;9N;120.1E 3KM 20 54 47;0 (M)

1979 SEP 13
E 23 02 48

1979 SEP 14 SOUTH OF FIJI ISLANDS MB=5.2(14) D=149.2 DEG AZ= 23
I PKP1 02 09 01.2C 1.1 / 30 22;0S;179.5W 596KM H=01 50 18;3 (U)
I PKP2 09 07.7 1.0 / 15

1979 SEP 14 KOMANDORSKY ISLANDS REGION MB=5.9(122) D= 73.6 DEG AZ= 14
I P AB 07 40 03.7C 1.4 / 180 53;7N;169.7E 27KM H=07 28 32;0 (U)
I AP 40 12 53;7N;169.4E 33KM 07 28 33;6 (M)
E S AB 49 32
E(PS) AB 49 58
L B 08 15 T 17 AN 2 AE 1.5 AV 1.5
LM B 19 T 16 AN 2 AE 1.5 AV 2.5 MLH =5.6 MLV =5.7

1979 SEP 14 EXPLOSION; NORTHWESTERN CZECHOSLOVAKIA
I PG 08 00 38.1 DISTANCE 160 KM
I SG 00 58

1979 SEP 14 TRACES
E 08 04 55

1979 SEP 14 IONIAN SEA MB=4.6(4) D= 14.8 DEG AZ=155
I PP 08 36 52.2D 1.4 / 39 37;6N; 20.8E 33KM H=08 33 16;7 (U)
37;6N; 20.8E 10KM 08 33 16;6 (B)
37;2N; 20.6E 33KM 08 33 11;3 (M)

1979 SEP 14
E 09 28 47

1979 SEP 14 KURILE ISLANDS MB=4.7(10) D= 76.3 DEG AZ= 27
E P 09 52 46 1.0 / 14 46;8N;152.7E 40KM H=09 41 00;3 (U)

1979 SEP 14 LOYALTY ISLANDS REGION MB=4.6(3) D=147.3 DEG AZ= 38
E PKP1 10 37 56 23;0S;171.7E 33KM H=10 18 16;5 (U)

1979 SEP 14 KYUSHU, JAPAN MB=5.5(77) D= 82.0 DEG AZ= 50
E P AB 15 03 15 30;6N;131.2E 33KM H=14 50 58;0 (U)
I 03 17.4 1.0 / 89 31;1N;131.0E 35KM 14 55 00;8 (M)
E PP 06 24
E(S) B 13.9
LM B 44 T 14 AN 4 AE 2.5 AV 5.5 MLH =6.1 MLV =6.2

1979 SEP 14 TONGA ISLANDS
E PKP1 16 08 56

1979 SEP 14 TRACES
I P 18 44 33.3C MB=3,8(1) D=150,5 DEG AZ= 25
23,6S;179,9E 532KM H=23 03 42;9

1979 SEP 14 SOUTH OF FIJI ISLANDS
I PKP1 23 22 34.8 0.8 / 13 /4,4(4)/ D= 76,5 DEG AZ= 30
45,3N;148,8E 40KM H=00 32 14

1979 SEP 15 KURILE ISLANDS
E P 00 44 02
E 44 23 MB=4,0(1) D=147,5 DEG AZ= 38
23;2S;171,7E 33KM H=02 46 32;0

1979 SEP 15 LOYALTY ISLANDS REGION
E PKP1 03 06 13

1979 SEP 15
E 03 36 47 MB=5,6(65) D= 97,5 DEG AZ=235
15;6S; 69,6W 214KM H=10 02 13;1
14;7S; 70,4W 33KM 10 01 53;4

1979 SEP 15 PERU-BOLIVIA BORDER REGION
I P 10 15 24.1C 1.1 / 43
E 15 36
E PP 19 23

1979 SEP 15 POLAND, UPPER SILESIA
E SG 13 51 21

1979 SEP 16 SOUTH SANDWICH ISLANDS REGION
E PP 00 39 44 MB=5,6(12) D=114,0 DEG AZ=201
58,6S; 25,6W 92KM H=00 20 31;4
59,0S; 26,8W 33KM 00 20 24;0

1979 SEP 16
E 08 23 05
E 23 33

1979 SEP 16 TRACES
E 12 05 57

1979 SEP 16 FIJI ISLANDS REGION
E PKP 13 05 01 1.8 / 34 MB=5,2(12) D=145,0 DEG AZ= 17
I 05 07.2 17.1S;176.9W 33KM H=12 45 23;6
17,5S;176,9W 33KM 12 45 27;0

1979 SEP 16 SOUTHERN SUMATERA
E P 16 43 47 MB=5,6(52) D= 94,4 DEG AZ= 94
E AP 43 56 5,7S;103,0E 35KM H=16 30 28;3
5,6S;103,1E 69KM 16 30 28;7

1979 SEP 16 NORTH OF HALMAHERA
E AP 15 09 53 Mb=5,9(64) D=102,6 DEG AZ= 68
E 10 19 3;5N;128,1E 45KM H=17 55 47;4
E PP 13 54 3;5N;128,2E 43KM 17 55 46;8
LM B 59 T 22 AN 1 AE 3 AV 3 MLH =5,8 MLV =5,8

1979 SEP 17 NEAR EAST COAST OF KAMCHATKA
I P 09 08 06.1C 1.3 / 25 MB=4,6(36) D= 71,5 DEG AZ= 20
54,1N;160,4E 98KM H=08 56 55;2
54;0N;160,2E 108KM 08 56 55;9

1979 SEP 17 NEAR EAST COAST OF HONSHU, JAPAN
I P 11 22 15.3C 1.1 / 16 MB=4,8(8) D= 81,7 DEG AZ= 41
E(AP) 22 31 35,7N;140,1E 61KM H=11 10 03;4
35;2N;140,5E 33KM 11 09 54;4

1979 SEP 17
I 15 03 12.7
E 03 28

1979 SEP 17 NICOBAR ISLANDS REGION
I P 16 08 58.9C 1.2 / 16 MB=4,5(35) D= 79,2 DEG AZ= 92
7,2N; 94,7E 103KM H=15 57 04;7
6,4N; 94,9E 33KM 15 56 45;7

1979 SEP 17 WESTERN POLAND
E PG 20 58 12
E SG 58 37

1979 SEP 18 POLAND, UPPER SILESIA
I SG 04 39 50.0C
E 40 15

1979 SEP 18
E 11 44 28

1979 SEP 18
E 11 55 58

1979 SEP 18 FRG, CENTRAL REGION
PROBABLY EXPLOSION
E PN 14 46 48
I PG 46 55.0
E SG 47 26

1979 SEP 18
E 16 27 03

1979 SEP 18
I P 16 31 12.7C

1979 SEP 18 SAMOA ISLANDS REGION
E PKP 21 15 12 0.8 / 13 MB=5,4(30) D=144,2 DEG AZ= 10
E 15 36 15;7S;172.9W 33KM H=20 55 39;1

1979 SEP 19
03 12 41

1979 SEP 19 WESTERN POLAND
PN 12 56 14
56 20
SG 56 41
L 56 49.7

1979 SEP 19
18 14 06

1979 SEP 19 ETHIOPIA MB=5,0(19) D= 44,9 DEG AZ=140
P 18 56 25 1.7 / 24 12;2N; 40,4E 33KM H=18 48 12;8 (U)
57 14 12;2N; 40,3E 33KM 18 48 12;2 (M)

1979 SEP 19 NEW HEBRIDES ISLANDS MB=5,0(4) D=141,0 DEG AZ= 39
PKP 19 03 51 17;4S;168,5E 33KM H=18 49 20;8 (U)

1979 SEP 19 CENTRAL ITALY MB=5,9(60) D= 8,5 DEG AZ=180
PN AB 21 37 41.3 1.5 / 165 1.5 / 145 1.5 / 62 42;8N; 13,1E 16KM H=21 39 37;2 (U)
37 46.8 42;8N; 13,1E 10KM 21 39 39;3 (B)
37 54.6 43;1N; 13,1E 3KM 21 39 37;8 (M)
37 59.0 DISTANCE 8;6 DEG
SN 39 16
39 30
AB 39 38
39 56
SG AB 40 20
AB 40 32 T 11 AE 78
LM 40.8
LM B 41.3 T 14 AN 49 AE 63 AV(43) MLH =5,6
FINAL 23

1979 SEP 19 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=180
HEAVILY SUPERPOSED BY MAIN SHOCK 42;8N; 13,0E 10KM H=21 46 03;8 (U)
21 50 04 42;7N; 12,9E 17KM 21 46 06;8 (B)
(SG) 50 51

1979 SEP 19 CENTRAL ITALY MB=4,3(3) D= 8,9 DEG AZ=180
PN 21 54 55.3 42;8N; 13,0E 10KM H=21 52 50;7 (U)
SN 56 33.6 42;8N; 13,0E 10KM 21 52 53;0 (B)
L 57 50 DISTANCE 8;6 DEG

1979 SEP 19 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=182
(SG) 22 04 57 42;8N; 12,7E 10KM H=22 00 08;8 (U)

1979 SEP 19 CENTRAL ITALY D= 8,6 DEG AZ=181
(SG) 22 09 19 42;7N; 12,9E 1KM H=22 04 30;2
(ING)

1979 SEP 19 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=180
(SG) 22 37 09 42;8N; 13,0E 10KM H=22 32 15;5 (U)

1979 SEP 19 CENTRAL ITALY D= 8,7 DEG AZ=180
L 22 45 16 42;6N; 13,0E 23KM H=22 40 13;0
(ING)

1979 SEP 19 CENTRAL ITALY NO MB COMP, D= 8,6 DEG AZ=180
(SG) 23 28 17 42;7N; 13,1E 16KM H=23 23 29;1 (U)

1979 SEP 20 CENTRAL ITALY D= 8,6 DEG AZ=180
L 01 27 44 42;7N; 13,1E H=01 22 39;8
(ING)

1979 SEP 20 EASTERN MEDITERRANEAN SEA MB=4,4(18) D= 20,6 DEG AZ=134
P 10 41 14.8C 1.1 / 60 35;2N; 30,9E 52KM H=10 36 38;4 (U)
41 26.3 35;1N; 30,8E 60KM 10 36 41;2 (B)
34;0N; 30,1E 33KM 10 36 28;1 (M)

1979 SEP 20 EXPLOSION
PG 13 05 13.6
05 16.0

1979 SEP 20 TRACES, EXPLOSION
PG 13 10 01;5
SG 10 03.1

1979 SEP 20 GREECE MB=4,2(4) D= 14,8 DEG AZ=150
P 19 10 21 38;0N; 22,3E 33KM H=19 06 46;6 (U)
37;9N; 22,4E 44KM 19 06 48;0 (B)

1979 SEP 20 KURILE ISLANDS REGION MB=4,9(29) D= 77,9 DEG AZ= 31
P 20 20 40.4C 0.9 / 24 43;7N;148,8E 33KM H=20 08 44;7 (U)
44;3N;148,6E 57KM 20 08 50;0 (M)

1979 SEP 20 TRACES; SOUTHERN GREECE MB=4,0(2) D= 14,9 DEG AZ=150
(P) 21 49 02 37;9N; 22,3E 33KM H=21 45 25;4 (U)
37;5N; 22,1E 10KM 21 45 21;7 (B)

1979 SEP 20 TRACES; BANDA SEA MB=4,7(2) D=111,5 DEG AZ= 75
PP 22 04 01 7;6S;128,2E 144KM H=21 45 25;7 (U)

1979 SEP 20 FIJI ISLANDS REGION MB=5,2(10) D=145,5 DEG AZ= 19
PKP1 23 17 42.9C 1.1 / 16 17;9S;178,4W 544KM H=22 58 09;6 (U)

1979 SEP 21 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=180
PN 00 54 49.2 0.7 / 11 42;8N; 13,0E 10KM H=00 52 43;8 (U)
SN 56 20 42;8N; 13,0E 10KM 00 52 46;4 (B)
56 34 DISTANCE 8;7 DEG
56 44
SG 57 31
57 39

1979 SEP 21 FIJI ISLANDS REGION MB=5,1(9) D=145,6 DEG AZ= 17
I PKP1 01 31 27.3C 17.8S;177.2W 392KM H=01 12 32;

1979 SEP 21 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. D= 10,4 DEG AZ=154
E 05 15 48 41.8N; 19.1E 10KM H=05 10 26;
E L 16 16 41.9N; 19.3E 10KM 05 10 28;

1979 SEP 21 TRACES
E 06 02 15

1979 SEP 21
E 10 07 27

1979 SEP 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,2(4) D= 10,3 DEG AZ=153
E PN 12 05 13 42.0N; 19.3E 10KM H=12 02 42;
E SN 06 52 42.0N; 19.4E 10KM 12 02 44;
E L AB 08 32 42,2N; 19,3E 33KM 12 02 47;

1979 SEP 21 QUESTIONABLE EVENT
I 12 09 43.8

1979 SEP 21 SOUTH OF KERMADEC ISLANDS MB=4,8(3) D=160,7 DEG AZ= 30
I PKP2 12 15 22.7C 32.8S;178.3W 33KM H=11 54 44;

1979 SEP 21
I(P) 15 34 58.2C 1.3 / 17

1979 SEP 21
E 16 04 00

1979 SEP 21 ALASKA PENINSULA MB=4,8(30) D= 74,3 DEG AZ=356
I P 18 16 16.5C 54.6N;161.0W 39KM H=18 04 41;
54.1N;160.9W 33KM 18 04 37;

1979 SEP 21
E 23 30 18

1979 SEP 21 TYRRHENIAN SEA MB=4,6(9) D= 12,3 DEG AZ=174
I P 23 50 24.8C 1.0 / 90 1,1 / 62 1,1 / 31 39.1N; 14.7E 317KM H=23 47 37;
38.9N; 14.9E 323KM 23 47 37;
(34.5N; 12,9E 33KM 23 46 29;

1979 SEP 22 TRACES
E 01 09 23

1979 SEP 22 NORTHERN CHILE MB=4,6(1) D=101,5 DEG AZ=250
E(PPP) 02 02 16 21.3S; 69.0W 122KM H=01 41 52;

1979 SEP 22 HOKKAIDO, JAPAN, REGION MB=4,8(16) D= 76,9 DEG AZ= 36
I P 04 16 34.8 42.1N;142.0E 33KM H=04 04 44;
42.6N;142.0E 100KM 04 04 54;

1979 SEP 22 TRACES; HAWAIIAN ISLANDS MB=5,7(42) D=108,9 DEG AZ=348
E PP 08 18 32 19.3N;155.1W 9KM H=07 59 37;
19.8N;155.6W 3KM 07 59 39;

1979 SEP 22
I PKP 08 27 35.9C 1,6 / 27

1979 SEP 22 RYUKYU ISLANDS MB=5,0(8) D= 85,6 DEG AZ= 52
I P 10 00 05.9C 0.8 / 23 28.1N;130.2E 33KM H=09 47 39;
LM B 41 T 15 AN 0,5 AE 1 AV 1,5

1979 SEP 22 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=180
E SG 15 30 22 42.8N; 13.1E 10KM H=15 25 34;

1979 SEP 22 SOUTHWESTERN USSR MB=4,3(1) D= 7,6 DEG AZ=109
E PN 18 08 03 48.3N; 23.8E 33KM H=18 06 11;
E 09 48 48.3N; 23.7E 10KM 18 06 11;
E 10 17 48.1N; 23,5E 33KM 18 06 13;
E SG 10 23
LM B 11.1

1979 SEP 22 FIJI ISLANDS REGION MB=4,3(3) D=147,7 DEG AZ= 21
I PKP1 18 21 46.0C 0,9 / 28 20.3S;178.8W 662KM H=18 03 10;
I PKP2 21 50.4

1979 SEP 22 KURILE ISLANDS MB=5,0(45) D= 77,5 DEG AZ= 32
I P 23 34 36.7C 1,1 / 45 43.7N;147.7E 39KM H=23 22 43;
I 34 46.3 44.0N;147.5E 54KM 23 22 47;
E 35 10

1979 SEP 23 SOUTH OF FIJI ISLANDS /4,8(3)/ D=150,4 DEG AZ= 26
I PKP1 02 45 23.1C 0,8 / 40 23.6S;179.3E 545KM H=02 26 32;
E PKP2 45 32 (23.6S;176.9E 398KM 02 26 38;

1979 SEP 23 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=181
E SG 03 22 29 42.8N; 12.8E 10KM H=03 17 38;

1979 SEP 23 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=180
E 03 59 19 42.8N; 13.0E 10KM H=03 54 46;
E(SG) 59 41

1979 SEP 23 SOUTHERN ITALY NO MB COMP, D= 11,9 DEG AZ=168
E 05 57 03 39.6N; 16.1E 385KM H=05 51 33;

979 SEP 23 SOUTH OF KERMADEC ISLANDS /4,4(1)/ D=159,4 DEG AZ= 30
(PKP2) 08 19 30 32.7S;179.0W 33KM H=07 59 02 (I)

979 SEP 23 NEAR ISLANDS, ALEUTIAN ISLANDS MB=5,8(103) D= 75,5 DEG AZ= 12
P AB 10 29 01.4C 1.7 / 135 52.3N;174.0E 43KM H=10 17 20;8 (U)
AP 29 13.8 52.7N;173.5E 59KM 10 17 25;3 (M)
PPS B 39 32
LM B 11 00 T 23 AN 2,5 AE 1,5 AV 2,5 MLH =5,6 MLV =5.6

979 SEP 23
11 30 28

979 SEP 23 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=181
SG 11 58 34 42.8N; 12.9E 10KM H=11 53 46;1 (U)
58 50

979 SEP 23 DISTANCE 215 KM
PN 12 23 46.4
PG 23 52
24 04.7
SG 24 15.0
LM 24 22

979 SEP 23 BISMARCK SEA MB=5,4(57) D=121,1 DEG AZ= 53
PKP 14 49 46.4 0.7 / 14 4.6S;149.5E 577KM H=14 31 57;7 (U)
PP 51 27 4.7S;149.5E 500KM 14 31 50;3 (M)

979 SEP 23
PKP 18 27 38.2C

979 SEP 23 TRACES
18 39 39

979 SEP 23
20 52 16

979 SEP 23 SOUTH OF KERMADEC ISLANDS MB=4,9(1) D=159,8 DEG AZ= 29
PKP2 21 29 24 32.9S;178.4W 33KM H=21 08 51;5 (U)
33.0S;179.4W 33KM 21 08 52;7 (M)

979 SEP 23 SCOTIA SEA MB=5,9(17) D=122,5 DEG AZ=211
PKP 23 02 37 1,4 / 23 60.6S; 50.2W 10KM H=22 43 39;0 (U)
PP B 04.2 60.8S; 51.4W 3KM 22 43 36;9 (M)
PPP 06 49
PCPPKP 16 33
(SS) 21 01
LM B 57

979 SEP 23 / SCOTIA SEA MB=5,7(12)
SEP 24 D=122,5 DEG AZ=212
PKP 23 22 22 60.5S; 50.3W 10KM H=23 03 25;1 (U)
23 39
24 17
PCPPKP 36 20
39 59
LM B 00 17

1979 SEP 24 UNDERGROUND EXPLOSION MB=5,7(90) D= 28,6 DEG AZ= 24
P AB 03 35 54.2C 1.1 / 140 1.1 / 63 1,0 / 42 MPV =5,7 73.4N; 54.7E 0KM H=03 29 58;3 (U)
AB 36 17.3 73.4N; 54.6E 0KM 03 30 00;6 (R)
36 48 DISTANCE 28 DEG
PCP 39 08.6
SN AB 41 17
LMH B 47.5 T 14 AN 1 AE 1.5 MLH =4.8
LMV B 49.7 T 9 AN 1 AE 0.5 AV 1 MLV =4.9

1979 SEP 24 CENTRAL ITALY NO MB COMP, D= 8,6 DEG AZ=181
05 11 07 42.7N; 12.9E 10KM H=05 07 09;1 (U)
E(SG) 12 03 42.6N; 12.9E 10KM 05 07 11;1 (R)

1979 SEP 24 FRANCE NO MB COMP, D= 6,9 DEG AZ=218
E SG 06 02 38 45.7N; 6.9E 10KM H=05 58 49;5 (U)

1979 SEP 24 SOLOMON ISLANDS MB=5,5(23) D=125,7 DEG AZ= 50
I PKP 06 43 30.1C 0.8 / 20 7.2S;154.3E 33KM H=06 24 30;2 (U)

1979 SEP 24 HINDU KUSH REGION MB=5,3(63) D= 42,7 DEG AZ= 87
I P 08 54 17.9 1.7 / 59 36.5N; 70.2E 222KM H=08 46 41;6 (U)
E PP 56 05 36.5N; 70.1E 213KM 08 46 41;3 (M)
I SCP 59 34.0 1.6 / 21
E PCS 59 53

1979 SEP 24 NEW IRELAND REGION MB=5,8(44) D=124,0 DEG AZ= 50
E PKP 13 24 17 5.7S;153.6E 33KM H=13 05 19;8 (U)
24 38 5.5S;153.3E 33KM 13 05 21;8 (M)
E APP 26 17
E PKKP 34 03
E PPS 37 38
E B 38.6
LH B 14 10
LM B 22 T 18 AN 1 AE 0,5 AV 1,5

1979 SEP 24 SOUTH OF HONSHU, JAPAN MB=4,9(3) D= 85,8 DEG AZ= 4?
E P 13 54 10 31.6N;141.5E 56KM H=13 41 33;8 (U)

1979 SEP 24 CENTRAL ITALY NO MB COMP, D= 8,4 DEG AZ=181
E 21 05 29 42.9N; 12.8E 10KM H=21 01 22;2 (U)
E SG 06 09 42.9N; 12.9E 10KM 21 01 23;2 (R)

1979 SEP 24 CENTRAL ITALY
E 23 23 13 NO MB COMP. D= 8,6 DEG AZ=182
E 24 02 42.7N; 12.5E 10KM H=23 19 04;6
E L MB=5,1(30) D= 47,9 DEG AZ=131
12,7N; 48.3E 10KM H=23 41 36;1
12,1N; 48.3E 3KM 23 41 30;8

1979 SEP 24 EASTERN GULF OF ADEN
E P 23 50 16 1,8 / 42 NO MF COMP. D= 80 KM AZ=196
E 50 36 50,62N;12.69E
50,6N; 12.6E 10KM H=01 01 55;0
50,6N; 12.7E 10KM 01 01 55;4
DISTANCE 80 KM

1979 SEP 25 GERMAN DEMOCRATIC REPUBLIC
I 01 02 09.6
I PB 02 11.3
I PG 02 12.2
I 02 14.6
I 02 15.4
I 02 16.5
I 02 18.6
I 02 19.1
I SG 02 19.6
I 02 20.6
I LM AB 02 23.0
I 02 26.5
I 02 28.3
I L 02 32 1.0 / 95 1.2 / 145 1.2 / 120
I LM /4,7(4)/ D=147,2 DEG AZ= 39
23,1S;171.3E 62KM H=01 15 16

1979 SEP 25 LOYALTY ISLANDS REGION
E PKP1 01 34 53 1.1 / 15

1979 SEP 25 TRACES
E 01 37 53

1979 SEP 25 LOYALTY ISLANDS REGION MB=5,1(9) D=147,3 DEG AZ= 39
I PKP1 AB 01 43 52,8 1,2 / 40 23,1S;171.5E 33KM H=01 24 11;9
LV B 02 54

1979 SEP 25 GREECE MB=4,4(12) D= 12,3 DEG AZ=145
E LG2 01 48 21 40,8N; 22.3E 10KM H=01 41 30;2
E LM B 48 33 40,9N; 22.3E 5KM 01 41 32;4
E 49 10 41,5N; 22.7E 33KM 01 41 39;3

1979 SEP 25
E 06 01 10

1979 SEP 25 EASTERN KAZAKH SSR MB=5,9(120) D= 41,9 DEG AZ= 72
I P AB 13 13 42,0C 1,1 / 130 0,6 / 34 1,0 / 65 45,1N; 77.0E 40KM H=13 05 53;6
I AP AB 13 53,1 1,4 / 330 1,9 / 79 1,4 / 142 45,3N; 77.0E 33KM 13 05 53;5
I 14 04,6 DISTANCE 42 DEG
E 15 17
E(PP) B 15 34
E S B 19 56
E SS B 22 54
LM AB 28,1 T 6 AN 5,5 AE 2 AV 2,5 (MLP =6.0 MLV =5.7)
L B 31 T 19 AE 4,5 AV 4
E PKPPKP 45 35

1979 SEP 25
E 21 36 54

1979 SEP 25 SOUTWERN ITALY NO MB COMP. D= 9,5 DEG AZ=179
E(SG) 23 18 48 41,8N; 13.2E 10KM H=23 13 52;4

1979 SEP 26
E 03 28 53

1979 SEP 26 KURILE ISLANDS REGION MB=4,8(23) D= 76,6 DEG AZ= 27
I P 04 19 18.4E 46,4N;152.6E 17KM H=04 07 28;1
E AP 19 33 46,7N;152.5E 40KM 04 07 32;4

1979 SEP 26
E 09 22 27

1979 SEP 26 UNDERGROUND EXPLOSION MB=5,6(59) D= 61,3 DEG AZ=321
>SWEEPSHEAD<
I P 15 12 18.0C 1.2 / 62 37,2N;116.4W 0KM H=15 00 00;1

1979 SEP 26
E 22 24 58

1979 SEP 27
E 02 12 08

1979 SEP 27 UNDERGROUND EXPLOSION MB=4,5(17) D= 40,2 DEG AZ= 66
I P 04 20 37.8 TRACES 0KM H=04 12 57;4

1979 SEP 27
E 09 47 33

1979 SEP 27 FIJI ISLANDS REGION
I PKP1 11 19 41.3 1.1 / 16 /4,3(6)/ D=148,4 DEG AZ= 22
21;1S;179.1W 685KM H=11 01 06;1

1979 SEP 27
E 12 15 18
E 15 43

1979 SEP 27
E 13 17 46

1979 SEP 27 NEW HEBRIDES ISLANDS MB=5,8(56) D=142,6 DEG AZ= 40
PKP 14 19 14.2D 1.7 / 90 19;1S;168.7E 74KM H=13 59 52;6 (U)
20 59 19;2S;169.0E 33KM 13 59 47;4 (M)
21 32
LM B 15 22 T 22 AN 1 AE 1 AV 1,5 MLV =5.8 (NO DEPTH CORRECTION)

1979 SEP 27 QUESTIONABLE EVENT
L 19 00 04.8 D= 8,5 DEG AZ=180
00 15 42;8N; 13.1E 10KM H=04 41 22;6 (P)

1979 SEP 28 CENTRAL ITALY
SN 04 45 05
SG 46 10

1979 SEP 28 SOUTHERN SINKIANG PROV., CHINA MB=5,0(55) D= 54,1 DEG AZ= 72
P 07 56 12.8C 1.4 / 45 38;2N; 90.5E 22KM H=07 46 47;5 (U)
AP 56 18 38;3N; 90.4E 1KM 07 46 45;6 (M)

1979 SEP 28
18 28 55

1979 SEP 29
L B 01 06

1979 SEP 29 INDIA-CHINA BORDER REGION MB=5,1(26) D= 63,6 DEG AZ= 76
11 43 35 29;0N; 95.8E 33KM H=11 32 44;1 (U)
28;8N; 95.8E 33KM 11 32 42;8 (M)

1979 SEP 29 POLAND, UPPER SILESIA
SG 12 53 23

1979 SEP 29 SULAWESI MB=5,9(61) D=102,5 DEG AZ= 79
12 59 49 2;8S;119.6E 21KM H=12 41 48;5 (U)
P 13 00 05 2;7S;119.6E 34KM 12 41 49;6 (M)
01 56
LMH B 42 T 23 AN 3,5 AE 1,5 MLH =5.9
LMV B 48 T 22 AN 1,5 AE 1,5 AV 3 MLV =5.8

1979 SEP 29 DODECANESE ISLANDS MB=4,2(29) D= 18,7 DEG AZ=142
P 14 08 42 2.0 / 52 35;5N; 27.0E 65KM H=14 04 27;3 (U)
09 49 35;3N; 27.2E 56KM 14 04 27;1 (P)
34;9N; 26.6E 33KM 14 04 19;8 (M)

1979 SEP 29 POLAND, UPPER SILESIA
SG 16 03 17

1979 SEP 29 TONGA ISLANDS MB=5,5(4) D=147,7 DEG AZ= 11
I(PKP) 16 28 50.5C 1.1 / 15 19;3S;173.4W 33KM H=16 09 05;7 (U)

1979 SEP 29
17 24 12

1979 SEP 29 TRACES) SOUTHERN IRAN MB=4,4(12) D= 40,3 DEG AZ=111
P 18 13 33 26;7N; 55.4E 33KM H=18 05 56;1 (U)

1979 SEP 29 OFF W. COAST OF NORTH, SUMATERA MB=6,2(95) D= 83,6 DEG AZ= 96
P AB 18 49 38;9D 1.6 / 270 1;2N; 94.2E 27KM H=18 37 12;5 (U)
T 12 AN 0,1 AE 1,6 AV 4,8 MPH =6.5 MPV =6.6 1;4N; 94.2E 47KM 18 37 15;1 (M)
49 50.9 DISTANCE 83 DEG
AB 52 16
P 52 50.0
PP AB 52 56 T 12 AN 1,5 AE 3,6 AV 6,1 MPPH =6.9 MPPV =6.9
PPP B 54 44
B 56 28
SKS AB 59 56 T 12 AN 5,0 AE 0,7
SCS 19 00 09
00 40
PS B 00 56
AB 01 05
(PPS) B 01.5
SS B 05 28
09 04
SSS B 09 07
09 18
SKKP 11 05
LM B 30 T 20 AN 22 AE 27,5 AV 31 MLH =6.8 MLV =6.8
FINAL 22

1979 SEP 29 PHILIPPINE ISLANDS REGION MB=5,2(28) D= 96,3 DEG AZ= 65
P 19 46 31 10,5N;127.0E 33KM H=19 33 03;9 (U)
10,8N;126.9E 43KM 19 33 07;1 (M)

1979 SEP 29
20 30 33
30 38

1979 SEP 29 NORTHERN ITALY NO MB COMP. D= 7,0 DEG AZ=193
23 09 36 44,5N; 10.8E 10KM H=23 06 03;8 (U)
SG 09 47 44,4N; 10.9E 55KM 23 06 06;6 (B)

1979 SEP 30
P 00 09 04.3 0.6 / 14

1979 SEP 30 POLAND, UPPER SILESIA D=428 KM AZ=103
SG 05 07 50 50;2BN;18.85E H=05 05 46;0 (P)

1979 SEP 30 HOKKAIDO, JAPAN, REGION MB=5,1(60) D= 77,4 DEG AZ= 37
P 08 50 41.9 41;5N;141.9E 74KM H=08 38 53;2 (U)
XP 51 07.9 41,7N;141.9E 73KM 08 38 53;6 (M)

1979 SEP 30
E 10 02 46
E 03 07

1979 SEP 30
I PKP 14 29 44.8D 1.3 / 23 /4.1(6)/ D= 21.1 DEG AZ=318
63.6N; 19.4W 0KM H=19 39 10;9 (

1979 SEP 30 WESTERN POLAND
E SG 18 47 23

1979 SEP 30 ICELAND
E P 19 43 58 1.6 / 19 PB=4.8(38) D= 39.1 DEG AZ=111
27.8N; 54.7E 33KM H=20 42 36;6 (
27.3N; 55.6E 10KM 20 42 27;7 (
27.6N; 54.8E 33KM 20 42 34;9 (

1979 SEP 30 SOUTHERN IRAN
I P 20 50 02.0D 1.5 / 17

Dr. B. Tittel
Dr. S. Wendt

April 1982

Geophysikalisches Observatorium Collm

der Karl-Marx-Universität Leipzig

Geophysikalische Meßreihen

Seismische Registrierungen

Geophysikalisches Observatorium

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Leipzig

C O L L M

S E I S M I C R E C O R D S

S E I S M I S C H E R E G I S T R I E R U N G E N

4th quarter of 1979

4. Quartal 1979

L 461/82 III/18/445

SEISMOLOGICAL STATION COLLM (CLL)

GEOGRAPHICAL CO-ORDINATES: LATITUDE = 51°18.6'N; LONGITUDE = 13°00.2'E; ELEVATION = 230 m
FOUNDATION: GREYWACKE OF ORDOVICE

SEISMOGRAPHS AND ITS CONSTANTS:

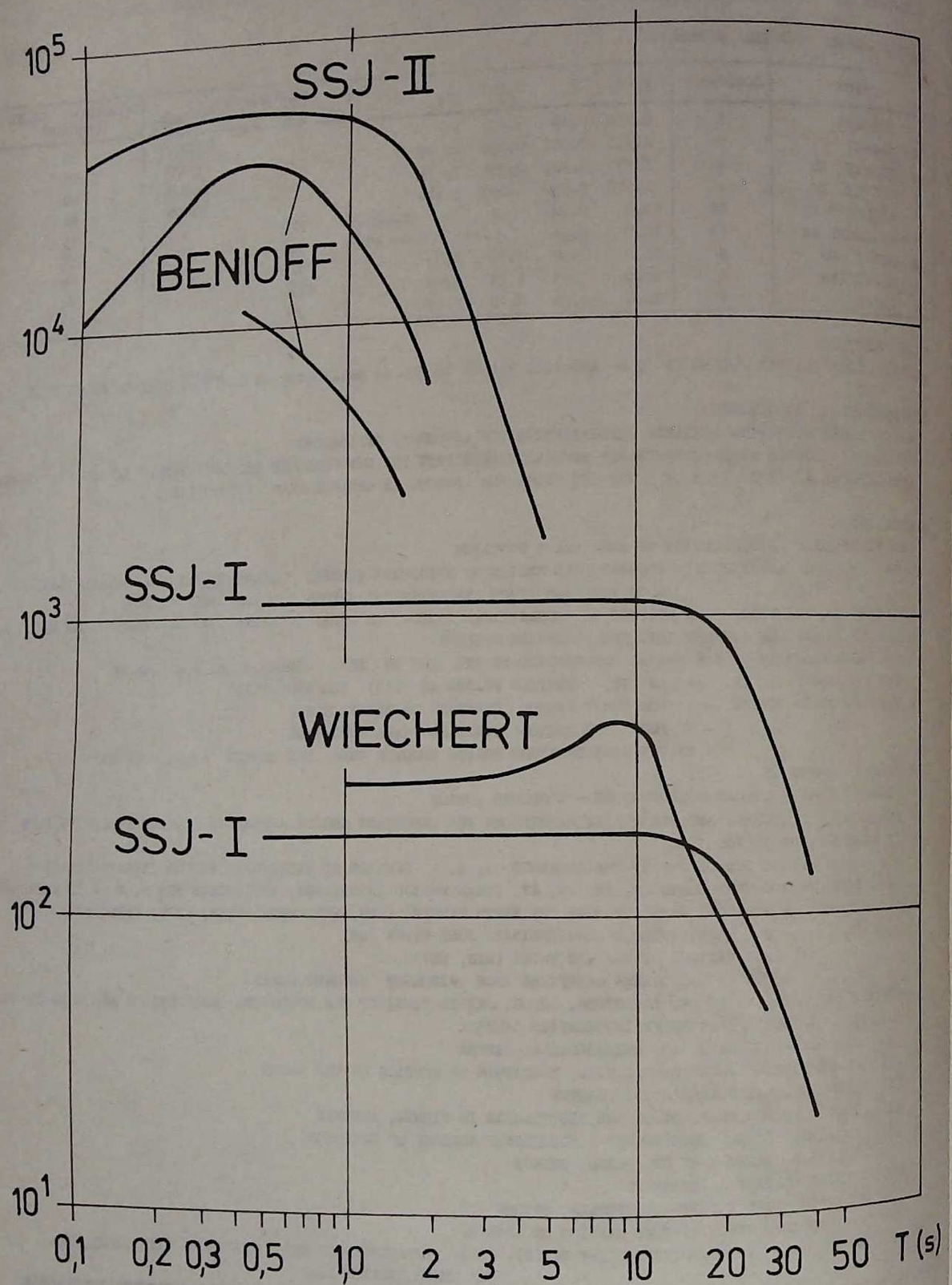
	TYPE	COMPONENT	T_s(s)	D_s	T_g(s)	D_g	r/T_s^2	MAGNIFICATION (STATIC)	MAGNIFICATION (MAXIMAL)	RECORDING SPEED (mm/min)
	BENIOFF	Z	0.452	0.65	1.43	1			(38000)	60
A	VSJ-II	z	2.175	0.537	0.296	1.474			55000	60
A	HSJ-II NS	n	2.171	0.537	0.294	1.474			60000	60
A	HSJ-II EW	e	2.171	0.537	0.293	1.474			58000	60
	WIECHERT NS	WN	10.0	0.28			0.026	370		15
	WIECHERT EW	WE	10.0	0.34			0.020	340		15
B	HSJ-I NS	N	20.0	0.50	1.10	9.09		1075		15
B	HSJ-I EW	E	20.0	0.51	1.21	8.24		1120		15
B	VSJ-I	V	20.0	0.51	1.20	8.35		1090		15

TIME SERVICE:
QUARTZ CLOCK (MINUTE PULSES OF 2 s AND HOUR PULSES OF 20 s; DAILY DIGITAL CONTROL; MAXIMUM ERROR ±0.2 s)

SUPPLEMENTARY EQUIPMENTS:
- SPECIAL RECORDER WITH VARIABLE AMPLIFICATION FOR ANNOUNCED EXPLOSIONS
- PERMANENT RECORDS WITH CONSIDERABLY REDUCED SENSITIVITY FOR THE COMPLETE REGISTRATION OF STRONG EARTHQUAKES
- AUTOMATICAL AMPLIFICATION OF RECORDING LIGHT FOR AMPLITUDES GREATER THAN A GIVEN LIMIT

EVALUATION:
THE FIRST LINE OF EVALUATION OF EACH EVENT CONTAINS
DATE AND (FOR KNOWN FOCI) GEOGRAPHICAL REGION OF EPICENTER (MOSTLY FOLLOWING FLINN & ENGDAHL 1965)
BODY WAVE MAGNITUDE MB WITH THE NUMBER OF USED OBSERVATIONS.
DETAILED INFORMATION, WITH RESPECT TO GEOGRAPHICAL REGION OR OTHER COMMENTS, CAN BE WRITTEN ALSO HERE.
THE NEXT LINES ARE DIVIDED INTO THE FOLLOWING COLUMNS
- THE NOMENCLATURE OF THE PHASES CORRESPONDS TO THE LIST OF ISC, COMPLETED BY SOME PHASES
  (pP APPEARS AS AP, sP AS XP, MULTIPLE PHASES AS P(1) FOR INSTANCE)
- TYPE OF INSTRUMENTS - A FOR SHORT PERIOD STANDARD CHARACTERISTICS
  - B FOR LONG PERIOD STANDARD CHARACTERISTICS
  - IN THE CASE OF SHORT PERIOD RECORDS ONLY THE LETTER A IS OMITTED!
- TIME OF ONSET IN G.M.T.
- DIRECTION OF VERTICAL COMPONENT OF THE GROUND MOTION
- PERIODS, AMPLITUDES, AND EVENTUALLY MAGNITUDES FOR IMPORTANT ONSETS APPEAR IN THE CORRESPONDING LINE IF MEASUREMENT IS POSSIBLE;
  FOR SHORT PERIOD COMPONENTS IN THE SEQUENCE z, n, e (PERIOD IN SECONDS/AMPLITUDE IN NANOMETRES)
  FOR LONG PERIOD COMPONENTS T, AN, AE, AV (MEAN PERIOD IN SECONDS, AMPLITUDES FOR N, E, V IN MICROMETRES)
- MAGNITUDES - FOR BODY WAVES THROUGH THE EARTH MANTLE (MPV, MPH, MPMV, MPMH, MPPV, MPPH, MSH)
  - FOR SHORTPERIODIC LONGITUDINAL CORE WAVES (MC)
  - FOR MAXIMUM OF SURFACE WAVES (MLH, MLV)
  - FOR STRONG QUAKES SOMETIMES FROM WIECHERT RECORDS (MAG)
- HYPOCENTER DATA (LATITUDE, LONGITUDE, DEPTH, ORIGIN TIME) OF THE FOLLOWING INSTITUTIONS ARE USED IN GENERAL
  (U) U.S. NATIONAL EARTHQUAKE INFORMATION SERVICE
  (B) EUROPEAN-MEDITERRANEAN SEISMOLOGICAL CENTRE
  (M) ACADEMY OF SCIENCES OF U.S.S.R., INSTITUTE OF PHYSICS OF THE EARTH
  (I) INTERNATIONAL SEISMOLOGICAL CENTRE
  (A) INSTITUTE FOR METEOROLOGY AND GEODYNAMICS IN VIENNA, AUSTRIA
  (C) GEOPHYSICAL INSTITUTE OF THE CZECHOSLOVAK ACADEMY OF SCIENCES
  (G) NATIONAL OBSERVATORY OF ATHENS, GREECE
  (P) POLISH ACADEMY OF SCIENCES
  (S) SEISMOLOGICAL INSTITUTE, UPPSALA, SWEDEN
  OWN COMMENTS ARE GIVEN WITHOUT MENTION OF SOURCE.
- MB IS THE BODY WAVE MAGNITUDE GIVEN BY (U). /MB/ IS PRINTED IN FEW OTHER CASES WITH FOCAL DATA OF OTHER INSTITUTIONS.
- EPICENTRAL DISTANCE D AND STATION AZIMUTH AZ ARE CALCULATED USING THE FIRST EPICENTER INDICATION AND ARE PRINTED ABOVE THESE DATA.
  D AND AZ ARE CALCULATED ACCORDING TO GEOCENTRIC CO-ORDINATES (D COMMONLY IN DEG, FOR NEAR EVENTS IN km, WITH A MAXIMUM ERROR OF ±0.1 DEG AND ±1 km, RESPECTIVELY; AZ IN DEG WITH A MAXIMUM ERROR OF ± 1 DEG).
- FOR COMPARISON WITH THE FIRST OWN EVALUATION "DISTANCE" AND "DEPTH" ARE GIVEN BELOW THE HYPOCENTER DATA.
- ROUND BRACKETS INDICATE UNCERTAINTIES.

NUMEROUS EXPLOSIONS AND ROCK BURSTS ARE LEAVED OUT IN THIS BULLETIN BECAUSE OF ITS UNIMPORTANT FORCE.
EVENTUAL INTERRUPTIONS OF RECORDS ARE INDICATED IN THE TIME SEQUENCE.
THE COMPILATION WAS PERFORMED AT THE COMPUTER CENTRE OF ZENTRALINSTITUT DER METALLURGIE, LEIPZIG.



Magnification curves
of COLLM seismographs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1979 OCT 01   FIJI ISLANDS REGION                                  (4.8( 27) D=148.6 DEG  AZ= 22
I PKP1      03 46 24.0                                                    21.3S 178.9W   628KM H=03 27 47:0 (I)

1979 OCT 01   CASPIAN SEA                                  MB=5.1(86)     D= 29.1 DEG  AZ= 97
I P         07 42 59.2C 1.4 /  22                                         40.1N  51.9E    33KM H=07 36 59:5 (U)
E AP           43 13    1.1 /  25                                         40.2N  51.9E    40KM    07 37 02:0 (B)
E              43 23                                                     40.0N  51.9E    49KM    07 37 00:9 (M)
E PCP          46 06
E              46 56
E SS           49 08

1979 OCT 01   LOYALTY ISLANDS REGION                               (4.4( 17) D=149.3 DEG  AZ= 40
I(PKP)      09 36 40.9C 1.0 /  12                                         21.6S 169.9E    78KM H=09 17 07   (I)
I              36 48.0  1.1 /  16
I              36 54.0

1979 OCT 01   TONGA ISLANDS                                  MB=5.1( 31)    D=149.1 DEG  AZ= 16
E PKP1   AB 12 43 34    T  6                 AV  1.2                       21:18S 175.7W   33KM H=12 25 48:6 (U)
                                                                           20:7S 177.9W    33KM    12 25 54:6 (M)

1979 OCT 01   MEXICO-GUATEMALA BORDER REGION                      MB=5.4(86)     D= 87.0 DEG  AZ=292
E P      AB 14 26 39                                                       15:8N  92.2W   161KM H=14 14 10:3 (U)
I AP     AB    27 22.0  1.9 /  90                                         15:8N  92.7W   120KM    14 14 05:8 (M)
E              27 37                                                     DISTANCE  87 DEG     DEPTH 575 KM
E PP     AB    30 05
E APP    AB    30 41
E PPPP         33 41
E S      AB    37 06
E(XS)     B    38 00
E              39.4
E XSS     B    44.0
  LM      B 15 07

1979 OCT 01   KURILE ISLANDS                                   MB=5.0(45)     D= 79.9 DEG  AZ= 33
I P         18 49 48.2C 1.1 /  40                                         43:4N 146.8E    39KM H=18 37 55:8 (U)
E AP           49 58                                                     44:0N 146.8E    71KM    18 38 01:9 (M)

1979 OCT 01
E              20 11 39

1979 OCT 01
E              23 31 10

1979 OCT 01   NEAR EAST COAST OF HONSHU, JAPAN                  MB=4.9(42)     D= 78.6 DEG  AZ= 38
I P         23 50 41.1D                                                   40:1N 141.9E    52KM H=23 38 43:3 (U)
E AP           50 57                                                     39:9N 141.9E    33KM    23 38 40:2 (M)

1979 OCT 02   CENTRAL ITALY                                    NO MB COMP,    D=  8.6 DEG  AZ=180
E S'N       02 58 50                                                      42:7N  13.0E    10KM H=02 55 03:9 (U)
E SG           59 59                                                      42:7N  13.0E    10KM    02 55 06:0 (B)

1979 OCT 02   CRETE                                            MB=4.4(17)     D= 19.8 DEG  AZ=148
I P         04 32 10.3  0.8 /  16                                         34:3N  26.3E    33KM H=04 27 43:6 (U)
                                                                          34:3N  26.9E    47KM    04 27 46:9 (B)

1979 OCT 02   TRACES
E           14 02 33

1979 OCT 02   SOUTH OF FIJI ISLANDS                           MB=5.0( 81     D=149.9 DEG  AZ= 26
I PKP1      15 59 53.5  0.9 /  43                                         23:2S 179.1E   522KM H=15 41 02:3 (U)
E PKP2      16 00 03
E APKP         02 02

1979 OCT 02   FIJI ISLANDS REGION                              MB=5.0(21)     D=148.0 DEG  AZ= 21
I PKP1      19 36 52.3D 0.9 /  61                                         20:6S 178.7W (576KM)H=19 18 11:3 (U)
I PKP2         36 57.1C 1.0 /  41   MC  =4.9                             DISTANCE 147 DEG     DEPTH 660 KM
E APKP         39 21
E              42 41

1979 OCT 02   CENTRAL ITALY                                    NO MB COMP,    D=  8.8 DEG  AZ=181
E           21 04 15                                                      42:8N  12.9E    10KM H=20 59 40:3 (U)
E(SG)          04 35                                                      42:7N  13.0E    10KM    20 59 41:5 (B)

1979 OCT 03   MONA PASSAGE                                     MB=5.0(44)     D= 69.8 DEG  AZ=275
I P         00 43 04.9C 1.5 /  25                                         19:0N  67.9W    42KM H=00 31 56:8 (U)

1979 OCT 03
E              05 14 36
  L       B    25

1979 OCT 03   BURMA                                           MB=5.6(101)    D= 71.0 DEG  AZ= 85
I P         11 46 27.4D 1.7 /  88                                         18:1N  94.8E    56KM H=11 35 14:1 (U)
I              46 38.4                                                   18:2N  94.9E    67KM    11 35 15:3 (M)
E AP           46 43
E APP          49 20

1979 OCT 03   CENTRAL YUGOSLAVIA                               MB=4.8(21)     D=  8.8 DEG  AZ=154
E PN        22 59 58    1.6 /  80                                         43:9N  18.1E    10KM H=22 59 52:0 (U)
E           23 00 09                                                      43:9N  18.1E    10KM    22 59 54:5 (B)
I(SN)          01 26                                                      43:6N  18.1E    33KM    22 59 54:8 (M)
I         AB   01 44                                                     DISTANCE   8:7 DEG
I              01 58
I SB      AB   02 04
I              02 29
I SG      AB   02 36    I 13   AN   5   AE  11
I LM       B   03.4     Y 12   AN  15   AE  6.5 AV  10.5   MLH  =4.9
```

1979 OCT 04
I P 02 31 48.2 1.0 / 15

1979 OCT 04 MB=4,9(10) D=147,8 DEG AZ= 21
E 02 46 53 20:3S;178,5W 595KM H=03 30 50:1 (U)

1979 OCT 04 FIJI ISLANDS REGION MB=4,9(8) D=148,6 DEG AZ= 13
I PKP1 03 49 30.0D 0.9 / 38 20:4S;174,4W 33KM H=09 09 51:6 (U)
I PKP2 49 34.6D 0.9 / 19

1979 OCT 04 TONGA ISLANDS D= 9,0 DEG AZ=175
I PKP1 09 29 37.1 1.4 / 25 42:3N; 14,1E 10KM H=10 37 23:8 (B)
I APKP 29 48.8

1979 OCT 04 CENTRAL ITALY D= 8,5 DEG AZ=180
E 10 41 52 42:8N; 13,1E 19KM H=14 46 25:9 (B)
E SG 42 11

1979 OCT 04 CENTRAL ITALY MB=4,7(14) D= 8,6 DEG AZ=154
E 14 50 25 43:5N; 18,2E 10KM H=15 0[illegible] 55:3 (U)
E(SG) 51 16 43:4N; 18,1E 10KM 15 01 57:9 (B)
43:7N; 18,3E 33KM 15 01 59:6 (M)
DISTANCE 8:6 DEG

1979 OCT 04 CENTRAL YUGOSLAVIA
E PN 15 04 03 1.4 / 50
E 04 10
E 04 19
E 05 29
E 05 44
E(SN) AB 06 01:8
I 06 11
E AB 06 11
E B 06 30
E SG AB 06 38
LH B 07.5 T 11 AN 3 AE 1,2 AV 2,5 MLH =4,3

1979 OCT 04 UNDERGHOUND EXPLOSION MB=5,4(68) D= 33,0 DEG AZ= 50
I P 16 06 35.9C 0.9 / 220 1.1 / 94 0.8 / 140 60:7N; 71,5E 0KM H=15 59 57:9 (U)
E 07 15
E PN 07 27
LH B 22 T 9 AN 0.5 AV 0.5

1979 OCT 04 BANDA SEA MB=5,6(52) D=111,4 DEG AZ= 74
E PKP 19 59 37 7:4S;128,3E 144KM H=19 41 18:7 (U)
E(PP) 20 00 14 7:3S;128,4E 124KM 19 41 16:7 (M)

1979 OCT 05
E 00 27 37

1979 OCT 05 TRACES; MINDANAO, PHILIPPINE ISLANDS MB=5,3(35) D= 96,5 DEG AZ= 66
E P 01 16 23 9:8N;126,3E 53KM H=01 02 56:9 (U)
9:9N;125,9E 33KM 01 02 55:9 (M)

1979 OCT 05 MINDANAO, PHILIPPINE ISLANDS MB=5,5(45) D= 96,5 DEG AZ= 66
E P 02 26 21 D 9:8N;126,3E 41KM H=02 12 55:3 (U)
10:1N;125,9E 35KM 02 12 56:6 (M)

1979 OCT 05 KURILE ISLANDS /4,7(5)/ D= 76,3 DEG AZ= 26
I P 07 47 34.1D 0.9 / 14 47:4N;154,5E 108KM H=07 35 56 (I)

1979 OCT 05 FIJI ISLANDS REGION MB=5,2(18) D=149,0 DEG AZ= 23
E PKIKP 13 06 21 21:9S;179,6W 563KM H=12 47 41:6 (U)
I PKP1 06 26.8D 1.0 / 60 MC =4,9 DISTANCE 148 DEG DEPTH 610 KM
I PKP2 06 33.3 0.8 / 22
E APKP 08 48

1979 OCT 05 TRACES
E 16 04 46

1979 OCT 05 NORTHERN PERU MB=5,5(62) D= 92,3 DEG AZ=267
I P 16 56 15.0 3:6S; 76,3W 116KM H=16 45 16:2 (U)
I AP 56 45.2D

1979 OCT 05
E 18 40 12

1979 OCT 05 OFF EAST COAST OF HONSHU, JAPAN MB=5,1(38) D= 79,1 DEG AZ= 56
E P 21 38 20 40:3N;143,6E 33KM H=21 26 17:5 (U)
E AP 38 30 40:8N;143,4E 32KM 21 26 19:6 (M)
LH B 22 11
L B 18

1979 OCT 05 TRACES; CARLSBERG RIDGE NO MB COMP, D= 62,6 DEG AZ=121
E P 22 56 45 4:1N; 62,8E 10KM H=22 46 18:0 (U)

1979 OCT 05 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=180
E 23 15 07 42:8N; 13,0E 10KM H=23 10 51:9 (U)
E SG 15 45 42:7N; 13,0E 10KM 23 10 53:6 (B)

1979 OCT 06 ALBANIA NO MB COMP, D= 11,1 DEG AZ=148
E SG 06 45 22 41:6N; 20,9E 7KM H=06 40 00:4 (U)
E SG 46 15 41:5N; 20,9E 10KM 06 40 02:0 (B)
E 46 29

1979 OCT 06 SOUTH OF FIJI ISLANDS MB=4,6(3) D=150,7 DEG AZ= 25
I PKP1 16 16 30.0D 1.1 / 20 23:8S;179,7E 546KM H=15 57 39:4 (U)

1979 OCT 06 WESTERN POLAND NO MB COMP, D=213 KM AZ= 83
I PN 17 31 33.2 51:5ON;16,0SE H=17 31 02 (P)
I 31 39.3 (50:6N; 14,9E 10KM 17 31 18:9 (U)
I 31 51.4 (50:5N; 14,9E 10KM 17 31 21.5 (B)
I SG 32 01:9 DISTANCE 215 KM
I 32 04.8

1979 OCT 06 FRG, SOUTHWESTERN REGION NO MB COMP, D= 4,2 DEG AZ=221
E SG 21 02 25 48:1N; 8.9E 10KM H=21 08 15:2 (U)

1979 OCT 07 EASTERN SIBERIA MB=4,8(24) D= 58,1 DEG AZ= 22
I P 01 39 20.3D 1.5 / 37 64,9N;143,8E 33KM H=01 29 29:5 (U)
64,9N;143,9E 33KM 01 29 29:9 (M)

1979 OCT 07 SOUTH PACIFIC CORDILLERA NO MB COMP, D=161,6 DEG AZ=248
E PKIKP 11 01 09 2.0 / 35 54,7S;136,9W 10KM H=10 41 09:8 (U)
E PKP2 01 59 2.0 / 62 MC =5,4 DISTANCE 161:5 DEG
E PP 05 41

1979 OCT 07
E 20 15 26

1979 OCT 07 UNDERGROUND EXPLOSION MB=4,9(36) D= 50,7 DEG AZ= 37
I P 21 09 00.0D 1.2 / 29 61:9N;113,1E 0KM H=20 59 56:9 (U)

1979 OCT 08 FRG, SOUTHWESTERN REGION NO MB COMP, D= 4,0 DEG AZ=221
E SG 00 45 11 48:2N; 9.1E 10KM H=00 45 00:4 (U)

1979 OCT 08 NORTH ATLANTIC RIDGE MB=4,3(7) D= 27,5 DEG AZ=274
E(P) 07 26 13 45:4N; 27.8W 10KM H=07 20 21:8 (U)

1979 OCT 08
I SG 12 11 19.8

1979 OCT 08
E 15 34 23 D

1979 OCT 08
E 16 11 43

1979 OCT 08 GREECE MB=4,0(41) D= 14,2 DEG AZ=154
I 17 09 31,1C 1.3 / 12 38:3N; 20.9E 80KM H=17 06 06:3 (U)
38:1N; 20.8E 63KM 17 06 06:0 (B)

1979 OCT 08 IONIAN SEA D= 14,6 DEG AZ=156
E 17 13 04 37:7N; 20.4E 48KM H=17 09 33:9 (B)

1979 OCT 08 POLAND, UPPER SILESIA NO MB COMP, D= 4,1 DEG AZ=103
E PG 19 08 49 50:1N; 19.1E 0KM H=19 07 58 (I))
I 09 03.4
E SG 09 41

1979 OCT 08 CENTRAL YUGOSLAVIA NO MB COMP, D= 8,4 DEG AZ=154
E SN 20 48 04 43,6N; 18,1E 10KM H=20 48 29:5 (U)
E 48 35 43:5N; 18,2E 10KM 20 48 30:8 (B)
E SG 49 09

1979 OCT 08 TRACES
E 22 59 16

1979 OCT 09 NEAR EAST COAST OF HONSHU, JAPAN MB=4,7(6) D= 82,0 DEG AZ= 48
E P 05 20 27 36,1N;141,7E 55KM H=05 08 11:9 (U)

INTERRUPTION OF LONGPERIODIC RECORDS FROM 09H 53M TO 10H 35M (AT OCT 10)

1979 OCT 09 GUATEMALA MB=5,0(44) D= 87,0 DEG AZ=289
I P 08 02 15.9C 1.1 / 33 (14,3N; 90,1W) 33KM H=07 49 29:2 (U)

1979 OCT 09 SOUTH OF FIJI ISLANDS MB=4,7(2) D=150,6 DEG AZ= 24
E PKP1 10 01 03 23:9S;179,9W 517KM H=09 48 09:7 (U)

1979 OCT 09 CENTRAL ITALY NO MB COMP, D= 8,5 DEG AZ=180
E(SG) 14 43 22 42:8N; 13,0E 10KM H=14 38 37:9 (U)
42:8N; 13,0E 10KM 14 38 40:0 (B)

1979 OCT 09 CENTRAL ITALY NO MB COMP, D= 8,6 DEG AZ=180
E 14 45 42 42:7N; 13,1E 10KM H=14 41 53:9 (U)
E SG 46 44 42:7N; 13,2E 10KM 14 41 55:7 (B)

1979 OCT 09
E 17 04 39

1979 OCT 09 SOUTH OF FIJI ISLANDS MB=4,0(11) D=150,9 DEG AZ= 20
I PKP1 18 09 34.2D 0.9 / 22 22:0S;177,7W 340KM H=17 50 39:4 (U)

1979 OCT 09
E 20 12 03

1979 OCT 09 TRACES
E P 21 12 42

1979 OCT 09 LEEWARD ISLANDS MB=5,3(63) D= 67,9 DEG AZ=268
I P 22 34 44,3C 1.7 / 41 16:6N; 61,2W 62KM H=22 23 54:2 (U)
I 34 53.7 17:3N; 61,3W 33KM 22 23 25:8 (M)
I XP 35 04.6

1979 OCT 09 TRACES
E 23 26 16

1979 OCT 10
E 05 02 54

1979 OCT 10
I(PN) 07 08 26:6
E SG 08 54

1979 OCT 10 JAVA
E P 13 52 47 1.4 / 20
I AP 53 03.6
E PP 56 43

1979 OCT 10
E 21 37 25

1979 OCT 11
E 03 51 12

1979 OCT 11 FIJI ISLANDS REGION
I PKP1 04 06 39.0D

1979 OCT 11 POLAND, UPPER SILESIA
E 04 28 46

1979 OCT 11 TRACES; NEAR EAST COAST OF HONSHU, JAPAN
E P 08 58 17

1979 OCT 11 TALAUD ISLANDS
E PP 12 59 11

1979 OCT 12 FIJI ISLANDS REGION
I PKP1 00 22 38.3

1979 OCT 12 TONGA ISLANDS
I PKP1 05 23 44.0 1.1 / 17

1979 OCT 12 SOUTHEAST OF SHIKOKU, JAPAN
I P 07 07 10.9D 1.4 / 60

1979 OCT 12 NORTHERN ITALY
E 07 51 03
E L 51 33

1979 OCT 12 OFF W. COAST OF S. ISLAND, N.Z.
I PKIKP(1)AB10 45 18.0C
I PKIKP(2)AB 45 21.2 2.7 / 470
I PKP1(2)AB 45 36
I PKP2(1) 46 00.0 3.1 / 470
I AR 46 20 1.7 / 240
E PKS B 49 00
E PP B 49 52
E SKS B 52.2
B 55.4
E SKKS B 56.6
E SKKKS AB 57.5
E PPS B 11 03.4
E SS B 10.0
E PSS B 11.1
L B 12 04 T 21 AN 49 AE 33 AV 59
LHV B 09 T 21 AN 37 AE 49 AV 72 MLV 97.5
LHH B 13 T 19 AN 33 AE 46.5 AV 56.5 MLH 97.3
W B 15 17
F 16

1979 OCT 12 OFF W. COAST OF S. ISLAND, N.Z. MB=4.8(11)
E PKP2 11 17 07 D=161.4 DEG AZ= 87
46.9S/165.4E 33KM H=10 56 10:0 (U)

1979 OCT 12 OFF W. COAST OF S. ISLAND, N.Z. MB=5.2(11)
E PKIKP 11 33 06 D=161.3 DEG AZ= 86
E(PKP2) 33 54 46.6S/165.4E 33KM H=11 15 03:9 (U)

1979 OCT 12 YUGOSLAVIA-ALBANIA COAST REG. 6 NO MB COMP, D= 0.2 DEG AZ=155
E 11 55 33 42.9N/ 18.6E 10KM H=11 51 56:2 (U)
E 56 39 43.1N/ 18.9E 10KM 11 51 59:2 (B)
E SG 57 20

1979 OCT 12 ALBANIA NO MB COMP, D= 11.7 DEG AZ=136
E L 12 34 42 40.5N/ 19.3E 10KM H=12 28 28:2 (U)
41.5N/ 19.6E 10KM 12 28 40:2 (B)

1979 OCT 12
E 12 36 22

1979 OCT 12
E 13 52 51

1979 OCT 12 TRACES; OFF W. COAST OF S. ISLAND, N.Z. MB=5.5(9) D=161.6 DEG AZ= 86
E(PKP2) 13 56 13 46.7S/165.8E 15KM H=10 39 26:2 (U)
47.2S/164.8E 33KM 10 39 26:1 (M)

1979 OCT 12 TRACES, EXPLOSION; FRG, CENTRAL REGION DISTANCE 265 KM
E(PN) 15 07 12
I PG 07 15.1
E 07 40
E SG 07 46

1979 OCT 12
I P 18 36 40.2

1979 OCT 12 SOUTHERN GREECE MB=4.6(13)
I(P) 19 33 10.9 1.1 / 26 D= 10.2 DEG AZ=150
I 33 16.5 1.0 / 43 36.8N/ 23.1E 49KM H=19 20 20:9 (U)
36.8N/ 23.2E 55KM 19 20 24:3 (B)
36.7N/ 23.6E 3KM 19 20 17:8 (M)

MB=5.9(68) D= 97.9 DEG AZ= 92
7.2S/106.0E 33KM H=15 39 14:0 (U)
7.0S/106.1E 05KM 15 39 18:1 (M)

MB=4.7(31) D=149.8 DEG AZ= 20
21.8S/178.0W 355KM H=03 49 50:2 (U)

MB=4.8(14) D= 78.9 DEG AZ= 39
40.1N/142.5E 33KM H=08 46 17:0 (U)

MB=5.6(59) D=101.8 DEG AZ= 69
3.8N/126.0E 125KM H=12 41 00:7 (U)
3.9N/126.0E 02KM 12 40 52 (M)

/4.2(1)/ D=149.1 DEG AZ= 19
21.4S/177.3W 182KM H=00 05 11:1 (I)

MB=5.0(41) D=149.0 DEG AZ= 12
20.7S/173.6W 33KM H=05 05 57:2 (U)

MB=4.8(55) D= 82.5 DEG AZ= 45
32.7N/136.0E 448KM H=06 55 05:6 (U)
32.9N/136.0E 450KM 06 55 07:3 (M)

NO MB COMP; D= 7.2 DEG AZ=199
44.4N/ 9.0E 10KM H=07 47 20:1 (U)
44.4N/ 10.0E 10KM 07 47 20:2 (B)

MB=6.1(28) D=161.6 DEG AZ= 86
46.7S/165.7E 33KM H=10 25 22:3 (U)
46.8S/166.7E 33KM 10 25 22:2 (M)
DISTANCE 102 DEG

1979 OCT 13 TRACES
E 01 21 42

1979 OCT 13 NEAR EAST COAST OF HONSHU, JAPAN MB=4.9(22)
I P 12 57 48.1 1.0 / 13 D= 82.0 DEG AZ= 40
35.7N/140.9E 32KM H=12 45 28:1 (U)
36.7N/140.9E 08KM 12 45 39:1 (M)

1979 OCT 13 QUESTIONABLE EVENT
I PG 16 45 45.0
I SG 46 01.7

1979 OCT 14 TONGA ISLANDS MB=5.4(37)
I PKIKP 04 54 16.8 1.6 / 24 D=148.2 DEG AZ= 16
I PKP1 54 20.4D 1.4 / 120 20.2S/175.9W 206KM H=04 34 57:8 (U)
E PKP2 54 23 20.1S/175.8W 190KM 04 34 56:9 (M)
I APKP AB 55 10.7 DEPTH 210 KM
E SKSP B 05 07.8

1979 OCT 14 TRACES; TONGA ISLANDS MB=4.2(11)
E PKP 07 09 30 D=144.8 DEG AZ= 11
16.4S/173.7W 08KM H=06 49 59:9 (U)

1979 OCT 14
E 07 10 45

1979 OCT 14 POLAND, UPPER SILESIA
E 08 06 42
E 06 53

1979 OCT 14 SOUTH OF FIJI ISLANDS MB=5.2(25)
I PKP1 11 54 18.6 1.1 / 54 D=149.3 DEG AZ= 23
E PKP2 54 25 1.0 / 19 22.1S/179.9W 616KM H=11 35 37:3 (U)
E APKP 56 37 MC 4.7 (19.5S/171.9E 03KM 11 34 50:9 (M))
DISTANCE 150 DEG DEPTH 610 KM

1979 OCT 14 GREECE MB=4.3(5)
E 15 06 52 D= 12.6 DEG AZ=149
E LG1 07 10 40.2N/ 21.4E 54KM H=15 00 15:6 (U)
B 07 20 40.2N/ 21.5E 15KM 15 00 16:8 (B)
40.0N/ 21.4E 33KM 15 00 12:4 (M)

1979 OCT 14
E 18 37 18

1979 OCT 14 SOUTH OF HONSHU, JAPAN MB=5.2(63)
E P 22 11 14 1.4 / 43 D= 86.2 DEG AZ= 42
E AP 11 25 31.3N/141.8E 33KM H=21 58 34:6 (U)
E S B 21 50 31.5N/141.8E 3KM 21 58 50:4 (M)
LM B 49 T 13 AN 0.5 AE 0.5 AV 0.5

1979 OCT 15 SOUTH OF FIJI ISLANDS /4.7(32)/ D=151.6 DEG AZ= 26
I PKP1 01 23 22.5 1.1 / 18 24.8S/179.6E 524KM H=01 04 27:2 (I)

1979 OCT 15
E 03 33 56

1979 OCT 15 TRACES; ANDREANOF ISLANDS, ALEUTIAN IS MB=4.8(50)
E P 06 35 49 D= 77.0 DEG AZ= 5
51.8N/175.2W 54KM H=06 24 01:2 (U)
51.1N/174.5W 33KM 06 23 54:5 (M)

1979 OCT 15 TRACES; LUZON, PHILIPPINE ISLANDS MB=4.8(19)
E 10 58 26 D= 87.1 DEG AZ= 66
17.3N/120.4E 96KM H=10 45 43:9 (U)
17.5N/120.4E 33KM 10 45 38:8 (M)

1979 OCT 15 TONGA ISLANDS MB=4.6(17)
E PKP1 11 13 01 1.4 / 18 D=149.7 DEG AZ= 13
E PKP2 13 09 2.0 / 37 21.4S/173.8W 33KM H=10 53 09:8 (U)

1979 OCT 15
E 11 28 07

1979 OCT 15 TRACES; OFF E. COAST OF N. ISLAND, N.Z. NO MB COMP, D=165.0 DEG AZ= 38
E(PKP) 14 11 49 37.1S/179.9E 33KM H=13 51 38 (I)

1979 OCT 15 SOUTH OF HONSHU, JAPAN MB=5.0(16)
E P 18 24 37 D= 86.2 DEG AZ= 42
31.3N/141.8E 33KM H=18 12 16:2 (U)
31.8N/141.6E 33KM 18 12 19:3 (M)

1979 OCT 15 SOUTHERN HONSHU, JAPAN MB=4.9(14)
I P 22 58 07.0C 0.8 / 11 D= 80.3 DEG AZ= 44
35.3N/136.0E 40KM H=22 45 59:2 (U)
35.8N/135.9E 33KM 22 46 00:9 (M)

1979 OCT 15 / CALIFORNIA-MEXICO BORDER REGION MB=5.7(57)
OCT 16 D= 84.9 DEG AZ=318
E P AB 23 29 34 32.6N/115.3W 12KM H=23 16 54:5 (U)
I 29 41.8 2.3 / 170 33.7N/115.7W 33KM 23 17 07:1 (M)
E B 29 48 DISTANCE 85 DEG
E 29 52 MULTIPLE SHOCK,
E(PP) 32 43 MB IS AN INADEQUATE VALUE
E PPP B 34 46
E SKS B 40 06 T 17 AN 7.3 AE 1.2 AV 2.0
E AB 40 35
E PS B 41.0
E PPS B 41 15
L B 00 03
L B 05 T 17 AN 48 AE 11 AV 19.5
LHH B 07 T 18 AN 42.5 AE 47 AV 30.5 MLH 97.0
LHV B 10 T 16 AN 27.5 AE 24 AV(45.5) MLV 97.0
FINAL 03

1979 OCT 16 SOUTHERN CALIFORNIA
E P 06 01 49 MB=4.9(3) D= 8.7 DEG AZ=319 33:0N 115.6W 5KM H=05 49 10:8 (U) (U)

1979 OCT 16 CALIFORNIA-MEXICO BORDER REGION
LH B 07 08
L B 09 MB=3.2(36) D= 84.7 DEG AZ=319 33:0N 115.6W 5KM H=06 58 43:2 (U) 34:1N 116.9W 33KM 06 59 55:9 (M)

1979 OCT 16 SOUTHERN CALIFORNIA
E(P) 07 11 23 1.8 / 30
E(S) B 21.9
LH B 48 T 18 AN 3 AE 2 AV 3 MLH =5.8 MLV =5.8

D= 10 KM AZ=311
51:37N 12.89E

1979 OCT 16 EXPLOSION OF 6.9 TONS, GERMAN DEMOCRATIC REPUBLIC
I PJ AB 12 59 46.0
I SQ 59 47.7 MB=3.1(6) D= 46.6 DEG AZ=137 11:8N 43.6E 10KM H=15 18 50:9 (U) 11:4N 43.6E 3KM 15 18 45:3 (M)

1979 OCT 16 ETHIOPIA
E P 13 27 19

1979 OCT 16
I SQ 13 49 00.7 MB=3.1(42) D= 46.6 DEG AZ=137 11:8N 43.6E 10KM H=15 57 50:8 (U) 10:8N 43.5E 3KM 15 57 42:9 (M)

1979 OCT 16 ETHIOPIA
E P 16 06 19 1.6 / 33
E PP 08 11
LV B 32 MB=3.1(18) D= 46.6 DEG AZ=137 11:8N 43.7E 10KM H=18 18 52:1 (U) 11:5N 43.7E 3KM 18 18 53:7 (M)

1979 OCT 16 ETHIOPIA
E P 18 20 04 1.3 / 13
E 22 17 MB=4.9(10) D=148.2 DEG AZ= 21 20:8S 178.6W 571KM H=18 45 26:8 (U)

1979 OCT 16 FIJI ISLANDS REGION
I PKP1 19 04 08.9C 1.0 / 51
I PKP2 04 14.1C 0.9 / 30 (4.5(1)) D= 46.2 DEG AZ=136 12:4N 43.9E 33KM H=19 28 04 (I)

1979 OCT 16 TRACES, WESTERN ARABIAN PENINSULA
E P 19 36 28 MB=5.2(6) D= 46.5 DEG AZ=137 11:8N 43.5E 10KM H=20 38 59.0 (U) 11:6N 43.7E 33KM 20 38 00.8 (M)

1979 OCT 16 ETHIOPIA
E P 20 43 29

1979 OCT 16 ETHIOPIA
E P 20 54 25 2.3 / 98
E 55 27 MB=5.3(13) D= 46.9 DEG AZ=136 11:6N 43.9E 10KM H=20 45 54:4 (U) 12:1N 43.8E 33KM 20 46 00:1 (M)

1979 OCT 16 ETHIOPIA
E P 21 03 18 3.0 / 290
E 04 56 MB=5.5(38) D= 46.8 DEG AZ=137 11.7N 43.8E 7KM H=20 58 46:3 (U) 11.9N 43.9E 33KM 20 58 51:9 (M)
E(PPS) B 10.4
LMV B 29
LMH B 33

1979 OCT 16 ETHIOPIA
E P 21 23 23 MB=5.1(11) D= 46.7 DEG AZ=137 11:7N 43.7E 10KM H=21 14 49:8 (U) 12:1N 43.9E 33KM 21 14 56:1 (M)

1979 OCT 16 RAT ISLANDS, ALEUTIAN ISLANDS
I P 21 27 50.4C 2.0 / 50
I AP 28 02.8
E 30 57 MB=5.3(77) D= 76.2 DEG AZ= 11 51:8N 175.4E 34KM H=21 16 05:2 (U) 52:2N 174.7E 58KM 21 16 11:0 (M)

1979 OCT 16 KURILE ISLANDS
I P 22 59 54.0 0.9 / 17 (4.6(137)) D= 74.4 DEG AZ= 23 50:3N 157.8E 33KM H=22 48 18:3 (I)

1979 OCT 16 NICOBAR ISLANDS REGION
I P 23 03 18.4C 1.7 / 34
E AP 03 27 MB=5.2(27) D= 77.7 DEG AZ= 95 6:4N 91.2E 34KM H=22 51 03:8 (U) 6:3N 91.2E 33KM 22 51 02:3 (M)

1979 OCT 16 SOUTHERN CALIFORNIA
I P 23 29 07.0C 1.9 / 88 MB=5.4(48) D= 84.6 DEG AZ=319 33:1N 115.6W 7KM H=23 16 52:7 (U) 33:9N 115.8W 33KM 23 16 40:1 (M)

1979 OCT 16 ETHIOPIA
I P 23 50 07.0 MB=5.2(15) D= 46.5 DEG AZ=137 11:8N 43.5E 10KM H=23 45 38:7 (U) 12:0N 43.5E 1KM 23 45 38:6 (M)

1979 OCT 17
I PKP 00 38 09.0C 0.8 / 13
E 38 22

1979 OCT 17 KURILE ISLANDS
I P 02 11 39.0C 1.0 / 48
E AP 11 54 MB=5.0(47) D= 77.4 DEG AZ= 32 43:8N 147.6E 30KM H=01 59 47:3 (U) 44:0N 147.5E 53KM 01 59 50:1 (M)

1979 OCT 17
E 04 13 37

1979 OCT 17 MARIANA ISLANDS
PARTIALLY IN PAPER CHANGE
I P(1) 05 55 40.4C 1.6 / 80
I P(2) 55 48.5 1.6 / 400
I 55 55.0
I 58 28.0 1.2 / 105
I AB 58 53.5
E 59 15
E PP(1) AB 59 32 T 9 AN 2.1 AE 2.0 AV 5.6 MPPH =6.7 MPPV =6.8
I PP(2) 06 00 06
I 00 21.2 MB=6.1(97) D= 98.9 DEG AZ= 45 18:5N 145.3E 601KM H=05 45 02:7 (U) 18:5N 145.4E 600KM 05 45 02:3 (M) DISTANCE 99 DEG DEEP
(CONT.)

(CONT.)

E B 06 01 36
E B 02 33
I SKS(2) AB 05 32 T 6 AN 5.3 AE 3.8
E S(1) B 06 16
E B 07.8
E B 08.9
E B 09 31
I PKKP1(2) 12 14.1 2.9 / 86
I PKKP2(2) 12 46.1 2.9 / 72
E B 12.8
E SS B 13.6
E SSS B 17.3
E PKPPKP 20 27
E SKPPKP 22 59
LH B 44 T 15 AN 7 AE 5 AV 9 MLH =6.4 MLV =6.5 (NO DEPTH CORRECTION)
FINAL 08

1979 OCT 17 TRACES, EXPLOSION, SOUTHEASTERN AUSTRIA (A)
ERZBERG, STEIERMARK
E SQ 08 55 30

1979 OCT 17 BALLENY ISLANDS REGION
E PKP2 10 34 38 MB=5.4(3) D=156.7 DEG AZ=130 61:3S 154.4E 10KM H=10 14 12:4 (U)

1979 OCT 17
E 11 21 27

1979 OCT 17 TRACES, EXPLOSION
I PG 12 36 22.4
I SQ 36 37.2
E L 36 50

1979 OCT 17 KURILE ISLANDS
I P 12 43 28.1C 1.2 / 82 MB=5.1(58) D= 77.3 DEG AZ= 31 44:1N 148.2E 52KM H=12 31 37:8 (U) 44:5N 148.1E 64KM 12 31 40:9 (M)
I AP 43 43.3

1979 OCT 17 FIJI ISLANDS REGION
I PKP1 16 30 46.3C 0.9 / 50 MB=5.2(23) D=146.7 DEG AZ= 19 19:0S 177.7W (521KM) H=16 12 02:9 (U)
I PKP2 30 48.9
E 31 45

1979 OCT 17
E 17 13 58

1979 OCT 17 WESTERN POLAND
I PN 20 39 11.5 NO MB COMP, D=213 KM AZ= 83 51:50N 16.05E H=20 38 41 (P)
I 39 18.0 (51:3N 15.5E 10KM 20 38 44:1 (U))
E SQ 39 39 (51:5N 15.4E 10KM 20 38 44:6 (B))
DISTANCE 220 KM

1979 OCT 17 NEAR EAST COAST OF KAMCHATKA
E(P) 22 27 14 MB=4.8(28) D= 73.3 DEG AZ= 22 51:6N 158.0E 77KM H=22 15 44:4 (U)
E 27 52 51:3N 158.6E 84KM 22 15 42:2 (M)
E 28 03

1979 OCT 17 SOUTHERN CALIFORNIA
E P 22 58 09 MB=4.8(12) D= 84.6 DEG AZ=319 33:1N 115.6W 5KM H=22 45 33:4 (U)

1979 OCT 17 CENTRAL YUGOSLAVIA
E PN 23 22 07 MB=4.4(5) D= 9.1 DEG AZ=152 43:1N 18.0E 33KM H=23 19 53:2 (U)
I 22 44.0 43:1N 18.0E 10KM 23 19 53:6 (B)
E 23 27 43:0N 18.8E 3KM 23 19 49:4 (M)
E SN 23 47 DISTANCE 9.3 DEG
E 24 11
E 24 18
E SQ AB 24 38
E L 25 32
LMH B 25.7 T 10 AN 1 AE 1 MLH =4.1
LMV B 25.9

1979 OCT 17 / WEST IRIAN REGION MB=6.0(49)
OCT 18
E 23 44 17 D=111.3 DEG AZ= 63
E PP 48 27 1:2S 136.6E 33KM H=23 29 26:4 (U)
E AB 48 40 1:0S 136.3E 38KM 23 29 28:3 (M)
E(PPP) 50 56
LH B 00 27
LH B 42 T 19 AN 2 AE 2 AV 2.5 MLH =5.9 MLV =5.9

1979 OCT 18 CENTRAL ITALY NO MB COMP, D= 8.3 DEG AZ=180
E SQ 01 11 59 43:0N 13.0E 10KM H=01 07 20:5 (U)

1979 OCT 18 TONGA ISLANDS
E PKP1 03 12 32 1.3 / 13 MB=4.4(3) D=148.2 DEG AZ= 12 19:9S 173.8W 33KM H=02 52 44:1 (U)

1979 OCT 18 RAT ISLANDS, ALEUTIAN ISLANDS
I P 03 47 09.8C 1.9 / 155 MB=6.0(119) D= 76.3 DEG AZ= 10 51:9N 177.1E 62KM H=03 35 26:9 (U)
I 47 15.9 52:0N 176.9E 71KM 03 35 29:3 (M)
I PP 49 38.0
E S 57 07
E PS B 57 39
LH B 04 17

1979 OCT 18 UNDERGROUND EXPLOSION
I P 04 24 37.2C 0.7 / 61 MB=5.2(42) D= 40.2 DEG AZ= 66 49:8N 78.1E 0KM H=04 16 57:6 (U)
I 24 40.0
E PN 26 06

1979 OCT 18 KURILE ISLANDS REGION MB=4,6(14) D= 78,9 DEG AZ= 29
E P 05 12 21 43,6N; 151,6E 33KM H=05 00 20;1 (U)

1979 OCT 18 ATLANTIC-INDIAN RISE MB=5,4(5) D= 94,5 DEG AZ=152
E 05 34 05 37;7S; 49,8E 10KM H=05 20 57;1 (U)
E 37;8S; 49,4E 3KM 05 20 56,4 (M)

/4,5(4)/ D= 46,2 DEG AZ=137
12,1N; 43,4E 33KM H=05 47 27,2 (I)

1979 OCT 18 TRACES; WESTERN ARABIAN PENINSULA
E P 05 55 52 MB=5,8(73) D= 28,3 DEG AZ= 24
MPV =5,7
73;3N; 54,8E 0KM H=07 09 58,3 (U)
73;4N; 54,6E 0KM 07 10 00,9 (B)

1979 OCT 18 UNDERGROUND EXPLOSION
I P 07 15 54.9C 1.2 / 145 1.2 / 70 1.1 / 43
I 16 11.0
I 16 14.2
I 16 17.2
I 16 26.5
I PCP 19 08.0
E SN 21 15
I SS 21 57.0
LMW B 27.2
L B 30.2
DISTANCE 28 DEG

1979 OCT 18 FIJI ISLANDS REGION MB=4,5(4) D=147,2 DEG AZ= 19
19;5S; 177,6W 365KM H=07 56 40;6 (U)

1979 OCT 18 SOUTH OF FIJI ISLANDS MB=4,5(4) D=149,9 DEG AZ= 21
I(PKP1) 11 17 55.4 22;5S; 178,4W 345KM H=10 58 45;3 (U)
I 17 58.0 1.0 / 26

1979 OCT 18
E 15 45 36

1979 OCT 19 MOLUCCA PASSAGE MB=5,6(45) D=104,2 DEG AZ= 71
E 02 56 22 0,5N; 126,6E 51KM H=02 38 22,2 (U)
E PP 56 38 0,6N; 126,8E 50KM 02 38 22,1 (M)
E 57 19

1979 OCT 19 TRACES; TONGA ISLANDS MB=4,5(1) D=147,9 DEG AZ= 11
E PKP1 07 19 47 19;5S; 173,1W 33KM H=07 09 57,7 (U)

1979 OCT 19
E 16 08 44

1979 OCT 19 TRACES
E 16 28 49

1979 OCT 19 TRACES
E 21 00 48

1979 OCT 20 BALI ISLANDS REGION MB=6,0(71) D=104,4 DEG AZ= 85
E 01 55 35 8;3S; 115,8E 38KM H=01 41 10,4 (U)
E PP AB 59 29 8;1S; 115,7E 33KM 01 41 10,1 (M)
I 59 40.4 DISTANCE 103 DEG
E 02 00 06
E 00 16
E PPPP B 03 44
I SKS B 05 48
E PS B 08.7
E PPS B 09.6
E(PKKP2) 11 14
L B 39
L B 44
LM B 48 T 20 AN 0.5 AE 7,5 AV 10,5 MLH =6.2 MLV =6.5

1979 OCT 20 CZECHOSLOVAKIA QUESTIONABLE EVENT NO MB COMP. D= 2,9 DEG AZ=125
E 14 55 29 (49;6N; 16,6E 0KM H=14 54 00 (I)

1979 OCT 20 TAJIK SSR MB=4,8(33) D= 41,3 DEG AZ= 84
E P 19 48 26 1.5 / 22 39;0N; 70,5E 25KM H=19 40 40;8 (U)
E PP 50 03 39;1N; 70,4E 12KM 19 40 40;1 (M)
I 51 06.9

1979 OCT 20 TRACES
E 19 57 11

1979 OCT 20 POLAND, UPPER SILESIA
E SG 19 58 51

1979 OCT 20 COSTA RICA MB=4,8(22) D= 87,5 DEG AZ=281
E P 21 57 38 1.7 / 40 9;2N; 84,1W 33KM H=21 44 54;3 (U)
E AP 57 46
E 58 46

1979 OCT 20 BANDA SEA MB=5,6(49) D=111,4 DEG AZ= 75
E PKP 23 54 19 7,4S; 128,2E 140KM H=23 36 01;7 (U)
7,4S; 128,3E 100KM 23 35 56;9 (M)

1979 OCT 21 GREECE MB=4,2(4) D= 15,8 DEG AZ=147
E P 00 51 40 38,1N; 23,2E 131KM H=00 48 12;3 (U)
36,7N; 24,5E 10KM 00 47 46;6 (M)

1979 OCT 21 TRACES
E 05 31 11

1979 OCT 21 TONGA ISLANDS REGION NO MB COMP. D=150,7 DEG AZ= 15
E PKP1 06 04 48 22,6S; 174,9W 33KM H=05 48 58;8 (U)
I PKP2 04 55.0

1979 OCT 21 ALBANIA MB=4,6(8) D= 11,8 DEG AZ=152
E PN 11 33 53 41;1N; 19,9E 10KM H=11 31 09;1 (U)
I 34 06 1.3 / 23 41;1N; 20,0E 10KM 11 31 11;9 (B)
E 35 37 40;9N; 19,7E 3KM 11 31 05;3 (M)
E SN 35 47
E 36 22
E 36 40
E SG 37 20
E L B 37 34
LM B 38.6

1979 OCT 21 DODECANESE ISLANDS MB=4,0(6) D= 17,9 DEG AZ=138
I(P) 13 57 22.6D 36;9N; 27,9E 10KM H=13 53 06;1 (U)
36;9N; 28,0E 10KM 13 53 08;1 (B)

1979 OCT 21 PAKISTAN MB=4,8(13) D= 45,6 DEG AZ= 96
E 17 33 05 30;0N; 68,0E 33KM H=17 24 37;8 (U)
30;1N; 68,0E 33KM 17 24 38;3 (M)

1979 OCT 21 WESTERN POLAND
I 20 56 15.2
E SG 56 43

1979 OCT 22 FIJI ISLANDS REGION NO MB COMP. D=148,4 DEG AZ= 17
I PKP1 01 53 01.8C 1.2 / 37 20;5S; 176,5W 206KM H=01 38 39;2 (U)
I PKP2 53 05.0 1.4 / 31

1979 OCT 22 MOLUCCA PASSAGE MB=6,2(87) D=103,6 DEG AZ= 71
I P AB 06 12 50.3D 2.0 / 84 0;7N; 125,9E 33KM H=05 58 48;9 (U)
I 13 06.1 0;8N; 125,8E 40KM 05 58 50;9 (M)
I 13 18.2 DISTANCE 102 DEG
E PP AB 17 09
E 19 51
E SKS AB 23 24
E SKKS 23 54
E S B 24 28
E PKKP2 28 59
E PKPPKP 37 19
LH B 57 T 22 AN 8 AE 6,5
LM B 07 04 T 20 AN 5 AE 8 AV 11,5 MLH =6.3 MLV =6.8
FINAL 08 30

1979 OCT 22 SOUTH PACIFIC CORDILLERA MB=5,5(3) D=166,2 DEG AZ=174
E PKIKP 17 24 43 64;9S; 170,5W 10KM H=17 04 38;7 (U)
E PKP2 25 45 65;3S; 170,3W 3KM 17 04 41;3 (M)

1979 OCT 23 FIJI ISLANDS REGION MB=5,4(35) D=148,2 DEG AZ= 22
I PKP1 01 56 55.0D 1.2 / 26 20;9S; 179,3W 586KM H=01 38 14;1 (U)
I PKP2 56 59.7C
E APKP 59 20

1979 OCT 23 FRG, SOUTHWESTERN REGION NO MB COMP. D= 3,9 DEG AZ=247
E SG 03 02 20 (49;8N; 8,0E 10KM H=03 00 38;9 (U))

1979 OCT 23
E PKP 07 49 24 1.6 / 22
E 49 37

1979 OCT 23 SOLOMON ISLANDS MB=5,4(32) D=131,9 DEG AZ= 44
E(PKP) 08 38 18 10;6S; 161,3E 33KM H=08 19 01;4 (U)
E PKP(2) 38 41 10;4S; 160,9E 33KM 08 19 03;3 (M)
E PP B 40 33 DISTANCE 132 DEG
E 40 48
E SKP(2) 41 57
E SS B 58.1
L B 09 37
LM B 42 T 18 AN 2 AE 2 AV 4 MLH =6.0 MLV =6.2

1979 OCT 23 SOLOMON ISLANDS MB=6,1(69) D=131,9 DEG AZ= 44
E PKP AB 10 10 19 10;6S; 161,3E 22KM H=09 51 06;7 (U)
I 10 34.0 10;5S; 161,5E 40KM 09 51 08;9 (M)
E 10 43 DISTANCE 132 DEG
E 10 53
E B 11 30
E PP AB 12 46 T 11 AN 2,3 AE 1,7 AV 3,0 MPPH =6.7 MPPV =6.7
I APP 12 58
E SKP 13 46
E PKS B 13 56
E B 14 54
I PPP 15 46.0
E 21 48
E PPS B 24.5
E PKPPKP 28 54
E SS B 30.3
LH B 56
L B 11 10 T 21 AN 50 AE 18 AV 68
LM B 14 T 18 AN 40 AE 33 AV 65 MLH =7.3 MLV =7.4
FINAL 14

1979 OCT 23 SOLOMON ISLANDS MB=5,0(22) D=131,7 DEG AZ= 44
E PKP 10 22 49 10;6S; 161,6E 33KM H=10 08 42;1 (U)
E 23 14
E SKP 26 22

1979 OCT 23 SOLOMON ISLANDS MB=5,2(18) D=131,8 DEG AZ= 44
E SKP 10 30 01 10;6S; 162,2E 33KM H=10 09 24;7 (U)

1979 OCT 23 SOLOMON ISLANDS MB=5,5(33)
HEAVILY SUPERPOSED BY MAIN SHOCK D=131,9 DEG AZ= 44
E(PKP) 10 59 45 10;7S; 161,2E 33KM H=10 40 26;1 (U)
I 11 00 10.1 10;4S; 161,1E 33KM 10 40 27;2 (M)
E SKP 03 12

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                                                  MB=5,3( 6)          D=132,0 DEG  AZ= 44
                                                                      10;8S;161,2E    33KM H=10 38 05;0 (U)

1979 OCT 23   SOLOMON ISLANDS
E SKP         11 00 31

1979 OCT 23   EXPLOSION
I PG          12 51 30.7
I PG            51 46.6
I SG            51 58
E L

1979 OCT 23   EXPLOSION
I PG          13 19 24.0
I SG            19 38.0

1979 OCT 23
I SG          13 32 13.8

1979 OCT 23   POLAND, UPPER SILESIA
E             16 30 30

                                                  NO MB COMP,         D=431 KM  AZ=102
                                                                      50;3SN;18,93E          H=20 55 30
1979 OCT 23   POLAND, UPPER SILESIA                                  50;5N; 19,0E    10KM    20 55 29;8 (P)
E PG          20 56 45                                              DISTANCE   4;0 DEG                (U)
E SG            57 39


1979 OCT 23   POLAND, UPPER SILESIA
E SG          22 53 40

                                                  NO MB COMP,         D=148,0 DEG  AZ=113
1979 OCT 24   WEST OF MACQUARIE ISLAND                               52,5S;140.2E    10KM H=01 03 13;6 (U)
E PKP         01 22 59
E               23 17    1.8 /   47

                                                  MB=5,8(86)          D= 23,0 DEG  AZ= 85
1979 OCT 24   UNDERGROUND EXPLOSION               MPV  =5.9           47;8N; 48.2E     0KM H=05 59 56;6 (U)
I P       AB  06 05 03.0C 1,2 /  420                                  47.9N; 48.2E     0KM    05 59 59;0 (P)
I               05 24.3                                             DISTANCE  23 DEG
E               12 54
  LM      B     15.8      T 12   AN   0,5 AE   1   AV   1          MLH  =4,5 MLV  =4.6

                                                  MB=4,9(27)          D= 77,5 DEG  AZ= 37
1979 OCT 24   HOKKAIDO, JAPAN, REGION                                 41;5N;142.0E    64KM H=09 38 38;4 (U)
I P           09 50 28.1C                                           42;1N;142.1E    33KM    09 38 37;6 (M)


1979 OCT 24   EXPLOSION
I PG          12 59 51.4
I L             59 54.5
E             13 00 43

1979 OCT 25
E             03 06 56

1979 OCT 25   ALBANIA                                                                NO MB COMP,D= 10,4 DEG  AZ=152
I             06 55 37.9  1,1 /   14                                                41,9N; 19,5E     0KM H=06 53 08   (I)

1979 OCT 25
E             10 36 02

1979 OCT 25   TONGA ISLANDS                    MB=5,1(13)          D=146,4 DEG  AZ= 13
E PKP1        11 17 49    1,4 /   29          18,2S;174,7W    89KM H=10 58 18;6 (U)
E XPKP          18 26

1979 OCT 25
E             12 10 47

1979 OCT 25   PAKISTAN                         MB=4,8(16)          D= 45,2 DEG  AZ=106
I P           17 45 19.2C 1.6 /   32          25,6N; 62,2E    33KM H=17 37 04;2 (U)
I AP            45 27.8C                      25,5N; 62,3E    33KM    17 37 03;5 (M)

1979 OCT 26   EASTERN SIBERIA                 MB=4,7( 7)          D= 62,5 DEG  AZ= 20
E P           00 36 49                        62,2N;153,3E    33KM H=00 26 29;2 (U)
                                              62;2N;153,3E    30KM    00 26 28;2 (M)

1979 OCT 26   TONGA ISLANDS                   MB=5,1(16)          D=145,0 DEG  AZ= 10
E PKP         04 59 38                        16;6S;173,2W    22KM H=04 40 01;6 (U)
E               59 50

1979 OCT 26   FRG, SOUTHEASTERN REGION
I PG          12 13 07.1                                          DISTANCE 170 KM
I SG            13 27.3

1979 OCT 26   WESTERN TURKEY                   NO MB COMP,         D= 17,8 DEG  AZ=136
E P           14 15 40                        37;3N; 28,4E    10KM H=14 11 30;7 (U)
                                              37;2N; 27,8E    10KM    14 11 31;0 (P)

1979 OCT 26   MARIANA ISLANDS                  MB=4,9(36)          D= 98,5 DEG  AZ= 45
E P           18 44 37                        18;8N;145,0E   366KM H=18 31 40;4 (U)
E PP            48 45                         19,8N;144,8E   600KM    18 32 05;4 (M)

1979 OCT 27   TONGA ISLANDS                   MB=5,2( 8)          D=149,6 DEG  AZ= 14
I PKP1        08 06 10.1C 1,5 /   38         21,4S;174,6W    33KM H=07 46 22;6 (U)

1979 OCT 27   NEAR COAST OF GUATEMALA         MB=5,7(95)          D= 87,8 DEG  AZ=289
I P       AB  14 48 42.0C 1,6 /  100                              13,8N; 90,9W    58KM H=14 35 57;3 (U)
                      T 16   AN   0,5 AE   2,7 AV   6,8  MPH =6.7 MPV =6.7 14,5N; 90,9W    33KM    14 35 57;6 (M)
I AP            49 00.0                                           DISTANCE  88 DEG
I               49 11
E PP      AB    52 08      T 15          AE   2,1 AV   2,7  MPPV =6.5
E               52 34
E               53 56
E(PPP)    B     54 15
E SKS     B     59 04
E S       B     59.4       T 20   AN   4,5 AE  12,3
E SS      B 15  05.3                                  MSH  =6.6
E SSS     B     09.0
E(PKPPKP)       14 29
  L       B     19
  LM      B     29
                      T 18   AN  13   AE  22,5 AV  33,5  MLH =6.7 MLV =6.8 (NO DEPTH CORRECTION)
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1979 OCT 27   FRANCE                                                                 NO MB COMP,
              SUPERPOSED BY PRECEDING QUAKE                                         D=  4,6 DEG  AZ=231
E PG          15 00 19                                                              48;3N;  7,6E    13KM H=14 58 54;2 (P)
E SG            01 20                                                               48;3N;  7,5E    30KM    14 58 54;3 (U)
                                                                                    DISTANCE   4;6 DEG

1979 OCT 27   TRACES; KURILE ISLANDS REGION                                                  NO MB COMP,D= 77,1 DEG  AZ= 26
I P           19 09 42.2                                                            46;4N;154,2E    40KM H=18 57 50   (I)

1979 OCT 27   NEAR COAST OF GUATEMALA                          MB=5,6(88)          D= 87,7 DEG  AZ=289
I P       AB  21 56 07.1C 2,4 /  180                                              13;8N; 90,7W    65KM H=21 43 24;9 (U)
                      T 15   AN   1,0 AE   2,2 AV   6,1  MPH =6.5 MPV =6.6 14;3N; 90,8W    33KM    21 43 23;0 (M)
E               56 20                                                           DISTANCE  88 DEG
E               56 36
E               56 56
E PP      AB    59 32      T 14          AE   1,4 AV   2,3  MPPV =6.4
E(PPP)    AB  22 01 48
E SKS     B     06 28
E S       B     06 49      T 20   AN   2,9 AE   8,5          MSH  =6.4
E PS      B     08.1
E SS      B     12.7
E PKKP          13 56
E(SSS)    B     16.8
E(PKPPKP)       22 06
  LM      B     37         T 18   AN   7   AE  15   AV  17   MLH =6.5 MLV =6.5 (NO DEPTH CORRECTION)

1979 OCT 28   UNDERGROUND EXPLOSION                           MB=6,0(103)         D= 40,6 DEG  AZ= 65
I P           03 24 39.8C 1,2 /  340  0,8 /   90  1,2 /  150 MPV  =5.9           50;0N; 79,1E     0KM H=03 16 56;9 (U)
I PN            26 13                                                           DISTANCE  40;5 DEG
I(PP)           26 27
E               33 31
  LH      B     41.8

1979 OCT 28   NEAR EAST COAST OF HONSHU, JAPAN                MB=5,5(97)          D= 82,5 DEG  AZ= 41
I P           05 51 50.1C 1,2 /   62                                            35;0N;140,6E    88KM H=05 39 35;9 (U)
I AP            52 13                                                           35,4N;140,6E    80KM    05 39 37;0 (M)
E PP            55 09

1979 OCT 28
E             07 30 27

1979 OCT 28   FIJI ISLANDS REGION                             MB=4,8(10)          D=145,5 DEG  AZ= 19
I PKP1        16 07 40.6C 1,2 /   54                                            17,9S;178,4W   580KM H=15 49 06;5 (U)

1979 OCT 28   OFF E. COAST OF N. ISLAND, N.Z.                 MB=5,4(11)          D=162,0 DEG  AZ= 42
I PKP2        19 02 10.0C 1.3 /   36                                            36;8S;178,0E   154KM H=18 41 39;8 (U)

1979 OCT 28   TONGA ISLANDS                                  MB=5,0(15)          D=144,8 DEG  AZ= 13
I PKP         20 45 24.9C 1,2 /   52                                            16,6S;174,8W   263KM H=20 26 17;8 (U)
I               45 32.4
E APKP          46 28
E               47 17

1979 OCT 28   NEAR EAST COAST OF HONSHU, JAPAN               MB=5,1(55)          D= 78,8 DEG  AZ= 37
I P           23 41 20.9C 1,1 /   24                                            40;1N;142,3E    49KM H=23 29 21;7 (U)
E               41 31                                                           40;5N;142,1E    53KM    23 29 23;9 (M)
E PP            44 08

1979 OCT 29   HALMAHERA                                      MB=4,4( 1)          D=103,4 DEG  AZ= 70
E P           02 46 46                                                          1;8N;127,1E    57KM H=02 32 52;5 (U)

1979 OCT 29   FIJI ISLANDS REGION                            MB=4,8( 4)          D=147,6 DEG  AZ= 19
I PKP1        12 33 29.1C                                                       20;0S;177,7W   468KM H=12 14 38;3 (U)

1979 OCT 29
E             16 50 28

1979 OCT 29   POLAND, UPPER SILESIA
E             20 27 24

1979 OCT 29   CENTRAL ITALY                                 NO MB COMP,         D=  7,5 DEG  AZ=188
E SN          21 59 05                                                          43;9N;  11,6E    10KM H=21 55 35;3 (U)
E               59 28                                                           43;8N;  11,6E     9KM    21 55 36;9 (P)

1979 OCT 29   FIJI ISLANDS REGION                           MB=5,3(28)          D=147,8 DEG  AZ= 21
I PKIKP       22 59 46.1C 1,5 /   26                                            20;4S;178,6W   607KM H=22 41 11;3 (U)
I PKP1          59 50.0C 1,0 /  155                                             19;9S;179,0W    33KM    22 40 08;0 (M)
I PKP2          59 54.4C 1,1 /   78  MC   =5.2                                  DISTANCE 147 DEG     DEPTH 510 KM
E             23 01 51
E APKP          02 11
I SKP           02 32.1

1979 OCT 30   MARIANA ISLANDS                               MB=5,6(95)          D= 98,6 DEG  AZ= 45
I P           01 49 44.0  1,2 /   38                                            18;8N;145,1E   579KM H=01 37 06;1 (U)
E               52 46                                                           18;9N;145,2E   600KM    01 37 08;0 (M)
E(PP)           53 43

1979 OCT 30   NEW HEBRIDES ISLANDS                         MB=5,1( 4)          D=144,6 DEG  AZ= 40
E PKP         02 52 18                                                          20;9S;169,6E    83KM H=02 32 52;1 (U)
E APKP          52 37
E SKP           55 51

1979 OCT 30
E             03 47 28

1979 OCT 30   SANTA CRUZ ISLANDS                           MB=5,1(14)          D=135,6 DEG  AZ= 37
I PKP         06 55 54.3C 1,0 /   19                                            12;0S;167,3E   297KM H=06 37 05;8 (U)
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1979 OCT 30 CENTRAL ITALY — NO MB COMP.
E 07 54 29
E 54 46
E L 54 58.3
I 55 05.8

1979 OCT 30 TRACES; FIJI ISLANDS REGION — MB=5.0(2)
E PKP1 14 13 24

1979 OCT 30 POLAND, UPPER SILESIA — MB=4.5(28)
E SG 21 46 03

1979 OCT 31 CRETE
E P 02 17 04

NO MB COMP.

1979 OCT 31 FRANCE — MB=4.8(7)
I SG 06 34 04.7

1979 OCT 31 SOUTH OF HONSHU, JAPAN
I P 09 36 11.9D 1.3 / 17

1979 OCT 31 EXPLOSION OF 5.0 TONS; GERMAN DEMOCRATIC REPUBLIC
I PG 09 58 41.8
I SG AB 58 43.4

D= 8.5 DEG AZ=180
42.8N; 13.1E 10KM H=07 49 52.9 (U)
42.8N; 13.1E 10KM 07 49 55.1 (B)

D=146.7 DEG AZ= 19
19.1S;177.8W 474KM H=13 54 33.8 (U)

D=428 KM AZ=102
50.35N;18.89E H=21 43 54.5 (B)

D= 19.2 DEG AZ=148
34.2N; 25.1E 47KM H=02 12 42.1 (U)
34.2N; 25.1E 40KM 02 12 43.9 (B)
33.8N; 24.9E 33KM 02 12 37.9 (M)

D= 4.7 DEG AZ=230
48.2N; 7.6E 10KM H=06 31 34.7 (U)

D= 85.4 DEG AZ= 41
32.3N;141.8E 33KM H=09 23 36.1 (U)

D= 10 KM AZ=311
51.37N;12.89E

1979 NOV 01 WEST IRIAN REGION — MB=5.8(44)
E PR 04 32 11
E 34 04
LM B 05 21

D=111.2 DEG AZ= 63
1.1S;136.6E 26KM H=04 12 54.8 (U)
1.1S;136.5E 44KM 04 12 57.4 (M)

1979 NOV 01 NEW BRITAIN REGION (U)
LM B 06 58

1979 NOV 01
I P 20 54 04.7C

1979 NOV 01 ZAIRE REPUBLIC — MB=4.6(29)
E P 21 59 38
E 22 00 18
E 01 56

D= 49.1 DEG AZ=168
2.6N; 22.1E 10KM H=21 50 46.9 (U)

1979 NOV 02 TRACES
E 00 35 55

1979 NOV 02 NEW HEBRIDES ISLANDS — MB=6.1(49)
E(PKHKP) 01 51 30
I PKIKP 51 38.4C 1.8 / 76
E 51 55
I PP 54 19.9 2.2 / 115 MPPV =5.6
E 54 47
I SKP 55 08.7 2.1 / 81
LM B 02 57 T 19 AN 2 AE 1 AV 1,5 MLH =5.8 MLV =5.8

D=136.5 DEG AZ= 39
13;33;166.7E 33KM H=01 32 19.7 (U)
13;48;166.4E 80KM 01 32 25.0 (M)
DISTANCE 137 DEG

1979 NOV 02 DODECANESE ISLANDS — MB=4.1(23)
E P 02 10 03

D= 17.1 DEG AZ=144
36.7N; 25.9E 163KM H=02 06 12.1 (U)
36.9N; 25.4E 138KM 02 06 12.3 (B)

1979 NOV 02
E 02 37 53
E 38 21

1979 NOV 02 ANDREANOF ISLANDS, ALEUTIAN IS. — MB=4.8(39)
E P 03 32 57

D= 77.4 DEG AZ= 7
51.2N;178.1W 33KM H=03 21 04.1 (U)
50.8N;177.7W 33KM 03 21 02.2 (M)

1979 NOV 02 GREECE-ALBANIA BORDER REGION — MB=4.7(12)
E P 05 33 38
I PP 33 47.9D
E 34 12
E 34 51
E LI 36 53
E LG2 37 44
LMH B 38.1

D= 12.8 DEG AZ=154
39.5N; 20.1E 37KM H=05 30 33.2 (U)
39.6N; 20.3E 10KM 05 30 34.3 (B)
39.3N; 20.0E 3KM 05 30 27.0 (M)

1979 NOV 02 TRACES
E 15 08 27

1979 NOV 02
I P 15 26 50.5

1979 NOV 02 JAVA — MB=6.1(78)
E P AB 16 06 41 2.2 / 82
E 06 50
I XP 07 02.2
I AB 10 21.0
E PP AB 10 47
E 11 49
I SKS AB 17 08 T 10 AN 0.5 AE 4.2
E SKKS AB 17 38
E PS AB 19 26
E PKKP 23 12
E 24 37
E(SS) AB 24.7
LMH B 56 T 19 AN 2.5 AV 3 MLH =6.0 (NO DEPTH CORRECTION)
LMV B 17 01 T 17 AN 2 AE 2.5 AV 3.5 MLV =6.0 (NO DEPTH CORRECTION)

D= 99.3 DEG AZ= 91
7.7S;108.3E 62KM H=15 53 03.5 (U)
7.0S;108.1E 38KM 15 53 03.5 (M)
DISTANCE 98 DEG

1979 NOV 02
E 16 47 45

1979 NOV 02 NEW HEBRIDES ISLANDS — MB=5.0(2)
I SKP 19 15 14.9D

D=136.6 DEG AZ= 39
13.5S;166.5E 36KM H=18 52 21.6 (U)

1979 NOV 02 CENTRAL ITALY — NO MB COMP.
E SG 21 09 56
E 10 05

D= 8.4 DEG AZ=180
42.9N; 13.1E 10KM H=21 05 13.1 (U)
42.9N; 13.0E 10KM 21 09 14.3 (B)

1979 NOV 02 GREECE-ALBANIA BORDER REGION — MB=4.0(1)
E LG1 21 13 35

D= 11.9 DEG AZ=152
40.9N; 20.0E 10KM H=21 07 19.1 (U)
41.2N; 20.2E 10KM 21 07 22.5 (B)

1979 NOV 03 ALBANIA — MB=3.7(1)
E L 01 14 17

D= 12.2 DEG AZ=156
40.0N; 19.4E 10KM H=01 06 58.6 (U)
40.0N; 19.6E 1KM 01 07 00.8 (B)

1979 NOV 03 WEST CHILE RISE — MB=5.2(4)
E PKP 04 41 14

D=129.0 DEG AZ=245
41.8S; 84.0W 10KM H=04 22 15.1 (U)

1979 NOV 03 TRACES
E 16 17 46

1979 NOV 03 QUESTIONABLE EVENT
E 21 21 06 MB=5.7(40) D=109.8 DEG AZ= 71
4;3S;129.6E 33KM H=23 17 37.2 (U)
4;2S;129.6E 60KM 23 17 40.4 (M)

1979 NOV 03 / BANDA SEA
NOV 04
E PP 23 36 30 MB=5.3(24) D=149.4 DEG AZ= 23
LM B 00 33 MC 5.2 22;2S;129.5W 590KM H=23 20 13.1 (U)
DISTANCE 149 DEG DEPTH 620 KM

1979 NOV 03 SOUTH OF FIJI ISLANDS
I PKP1 23 38 56.8 0.8 / 90 NO MB COMP. D= 3.3 DEG AZ=249
I PKP2 39 04.6C 0.9 / 60 50;0N; 8.2E 43KM H=02 25 00.5 (B)
E APKP 41 20 49;9N; 8.1E 10KM 02 24 57.8 (U)
DISTANCE 3.2 DEG

1979 NOV 04 FRG, SOUTHWESTERN REGION
I PG 02 25 57.7 MB=4.7(3) D=144.9 DEG AZ= 11
G 26 03 16;5S;173.6W 33KM H=14 25 00.2 (U)
I 26 39.5
I SG 26 43

1979 NOV 04 TONGA ISLANDS
E PKP 14 44 36 MB=4.7(6) D=145.6 DEG AZ= 11
17;2S;173.3W 33KM H=14 27 49.5 (U)

1979 NOV 04 TONGA ISLANDS
E PKP 14 47 25 MB=5.5(28) D=144.0 DEG AZ= 10
15;6S;173.1W 27KM H=14 44 12.1 (U)
15;5S;173.0W 33KM 14 44 14.0 (M)

1979 NOV 04 TONGA ISLANDS
I PKP 15 03 45.0C 1.1 / 24 MB=4.6(25) D= 75.4 DEG AZ= 27
E 04 02 47;9N;153.0E 151KM H=17 10 03.8 (U)
48.1N;152.9E 134KM 17 10 03.8 (M)

1979 NOV 04 KURILE ISLANDS
I P 17 21 31.7C 0.9 / 39

1979 NOV 04
E 18 47 02 MB=5.3(23) D= 83.2 DEG AZ=203
29;0S; 13.0W 10KM H=01 05 21.1 (U)
29;0S; 12.7W 33KM 01 05 25.4 (M)

1979 NOV 05 SOUTH ATLANTIC RIDGE
E P 01 17 49 1.7 / 30
E 18 07
E PP 21 00 MB=5.9(97) D= 71.1 DEG AZ=275
17;8N; 68.6W 104KM H=01 51 12.9 (U)
18;8N; 68.7W 100KM 01 51 17.9 (M)
DISTANCE 70 DEG DEPTH(115)KM

1979 NOV 05 MONA PASSAGE
I P(1) 02 02 22.9C
I P(2) 02 24.0 1.8 / 390 1.6 / 62 1.8 / 180
E(AP) 02 51
I(XP) 03 01.9
E S AB 11 30
E PPS AB 12 14 MB=6.0 MLV =6.0 (NO DEPTH CORRECTION)
LM B 29 T 20 AN 6.5 AE 6.5 AV 7 MLH =6.0

1979 NOV 05 SOUTHERN YUGOSLAVIA NO MB COMP. D= 9.3 DEG AZ=153
E 11 14 45 42;9N; 18.7E 10KM H=11 10 56.9 (U)
E 15 18 43;0N; 19.0E 10KM 11 10 59.4 (B)
E 15 41
E 16 25
E 17 35

1979 NOV 05 SICHUAN PROVINCE, CHINA MB=4.8(24) D= 64.8 DEG AZ= 72
E P 19 26 56 30;5N; 99.5E 33KM H=19 16 16.3 (U)
31;1N; 99.3E 12KM 19 16 18.6 (M)

1979 NOV 06 FIJI ISLANDS REGION MB=5.7(67) D=148.5 DEG AZ= 21
I PKIKP 01 43 37.9D 1.7 / 105 21;1S;178.8W 589KM H=01 25 00.9 (U)
I PKP1 AB 43 42.8D 1.4 / 710 21;8S;178.7W 253KM 01 24 24.0 (M)
I PKP2 43 48.4 1.3 / 330 MC 5.8 DISTANCE 148.5 DEG DEPTH 600 KM
E APKP 46 00
E PP 47 15

1979 NOV 06 NORTHERN ITALY NO MB COMP. D= 5.1 DEG AZ=186
E PN 03 05 17 46;2N; 12.2E 10KM H=03 03 59.3 (U)
I PG 05 37.2 46;2N; 12.3E 20KM 03 04 01.8 (B)
E 05 56 DISTANCE 5.0 DEG
E 06 20
E 06 32
E SG 06 42
E L 06 51

1979 NOV 06 GREECE-ALBANIA BORDER REGION MB=5.4(77) D= 12.9 DEG AZ=153
E P 05 29 17 39;5N; 20.4E 40KM H=05 26 17.7 (U)
I 29 23.9C 1.3 / 94 39;6N; 20.3E 43KM 05 26 20.2 (B)
I PR AB 29 30.8 1.5 / 220 39;3N; 20.0E 3KM 05 26 09.0 (M)
E SSSS B 32 19 DISTANCE (12)DEG
E LI 32 45
E AB 33 28
E LQ2 AB 33 43
LM B 35 T 12 AN 4.5 AE 7 AV 8.5 MLH =5.0

1979 NOV 06 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.0(1) D= 10.5 DEG AZ=154
E 08 10 40 41.7N; 19.0E 10KM H=08 09 24.5 (U)
E 11 20 41.9N; 19.3E 10KM 08 09 28.0 (B)

1979 NOV 06 SOLOMON ISLANDS
I PKP AB 11 57 41.8D 2.1 / 150 MB=6.0(71) D=130.0 DEG AZ= 46
E PP 59 53 9;5S;159.2E 30KM H=11 38 31.5 (U)
E PS B 12 10 02 9;3S;158.7E 33KM 11 38 34.2 (M)
E SKKP 10 36
LH B 13 01 T 18 AN 3 AE 0.5 AV 3 MLH =6.0 MLV =6.1

1979 NOV 06 TRACES
E 13 55 39

1979 NOV 06 GREECE-ALBANIA BORDER REGION MB=4.2(5) D= 12.8 DEG AZ=153
E LI 15 26 11 39;6N; 20.4E 59KM H=15 19 43.5 (U)
E 27 37 39;5N; 20.3E 10KM 15 19 41.8 (B)

1979 NOV 06 DODECANESE ISLANDS MB=4.1(6) D= 17.8 DEG AZ=138
I P 23 11 45.2C 0.8 / 13 36,9N; 27.8E 10KM H=23 07 30.3 (U)
36;9N; 27.9E 10KM 23 07 33.0 (B)

1979 NOV 07 NORTHERN ITALY NO MB COMP. D= 8.0 DEG AZ=182
E PG 01 06 22 46;3N; 12.7E 10KM H=01 04 40.9 (U)
E SG 07 24

1979 NOV 07
E 03 14 27

1979 NOV 07 YUGOSLAVIA-ALBANIA COAST REG. ** D= 9.0 DEG AZ=150
E SG 11 47 31 43;0N; 19.4E 10KM H=11 41 58.1 (B)

1979 NOV 07 SOUTHERN PACIFIC OCEAN MB=5.1(5) D=132.0 DEG AZ=218
I PKP 11 51 04.0 62;6S; 72.9W 10KM H=11 31 49.6 (U)

1979 NOV 07
E 23 16 28

INTERRUPTION OF SOME RECORDS FROM 00H 00M TO 01H 31M

1979 NOV 08 ALBANIA MB=4.7(9) D= 11.2 DEG AZ=153
E PN 02 06 37 41;1N; 19.6E 10KM H=02 03 53.3 (U)
E 07 06 41;1N; 19.7E 13KM 02 03 56.7 (B)
E(SN) 08 23 40;9N; 19.5E 33KM 02 03 53.9 (M)
E 09 08
LMH AB 10.3 T 8 AN 1 AE 1.5 MLH =4.4
LV B 11.6

1979 NOV 08 TRACES; GREECE-ALBANIA BORDER REGION MB=4.5(4) D= 12.9 DEG AZ=155
E 04 33 29 39;4N; 20.1E 33KM H=04 30 17.3 (U)
39;4N; 20.2E 20KM 04 30 19.0 (B)

1979 NOV 08 N.W. IRAN-USSR BORDER REGION MB=4.7(4) D= 28.8 DEG AZ=103
E(P) 05 27 45 38;7N; 48.8E 33KM H=05 21 59.4 (U)
E S 32 31 38;2N; 48.9E 33KM 05 21 55.0 (M)

1979 NOV 08
E 05 46 31
LH B 06 18 T 20 AN 0.5 AE 1 AV 3

1979 NOV 08 KURILE ISLANDS MB=4.7(45) D= 74.2 DEG AZ= 25
I P 07 48 03.2C 1.1 / 25 49;5N;154.1E 149KM H=07 36 41.5 (U)
49;2N;154.2E 147KM 07 36 38.9 (M)

1979 NOV 08 CENTRAL ITALY NO MB COMP. D= 8.8 DEG AZ=180
E SG 08 23 20 42;9N; 13.0E 10KM H=08 18 41.9 (U)
42;9N; 13.2E 10KM 08 18 42.8 (B)

1979 NOV 08 CENTRAL ITALY NO MB COMP. D= 8.5 DEG AZ=180
E SN 09 37 17 42;8N; 13.0E 10KM H=09 33 34.9 (U)
E SG 38 24 42;7N; 13.1E 13KM 09 33 36.0 (B)

1979 NOV 08 LOYALTY ISLANDS REGION MB=5.0(4) D=145.5 DEG AZ= 40
I PKP 09 48 20.8C 1.4 / 110 21;8S;170.0E 33KM H=09 28 45.4 (U)
I APKP 48 28.7C 1.1 / 100

1979 NOV 08 GREECE MB=4.3(3) D= 14.1 DEG AZ=156
E 11 55 02 38;1N; 20.1E 33KM H=11 51 27.6 (U)
38;1N; 20.2E 38KM 11 51 29.8 (B)

1979 NOV 08 SOUTH OF KERMADEC ISLANDS MB=5.7(54) D=158.5 DEG AZ= 33
I PKIKP AB 16 15 49.7D 2.5 / 340 32;3S;179.2E 440KM H=15 56 43.0 (U)
I PKP1 16 03.4C 1.6 / 100 32;4S;179.1E 350KM 15 56 34.2 (M)
I PKP2 AB 16 27.9D 1.4 / 720 1.6 / 240 1.1 / 90 DISTANCE 159 DEG
E PR AB 20 06
E 22 49
E PPP 24 03
E 26 14
E 27 21
E SKKKS 31 25

1979 NOV 08 TRACES, EXPLOSION; SOUTHEASTERN AUSTRIA (A)
ERZBERG, STEIERMARK
E 16 54 22

1979 NOV 08
I P 18 45 37.1C

1979 NOV 08 CENTRAL ITALY NO MB COMP. D= 8.8 DEG AZ=180
E PN 18 46 50 42;8N; 13.1E 10KM H=18 44 42.5 (U)
E PG 47 31 42;8N; 13.1E 10KM 18 44 45.0 (B)
E 47 43 DISTANCE (9.0)DEG
E 48 15
E(SN) 48 33
E(SG) 49 32

1979 NOV 08
E 19 06 28

1979 NOV 08 CENTRAL ITALY
E 19 08 42
E SI 09 35
E 10 22
E 10 38
E SG 10 48

1979 NOV 08
E 19 26 19
E 26 26 MB=4,7(19) D= 40,8 DEG AZ= 83
40;0N; 70,8E 51KM H=01 09 05;4 (U)
40;2N; 70,4E 33KM 01 09 05;4 (M)

1979 NOV 09 TAJIK SSR
E 01 16 43 MB=3,9(3) D= 10,4 DEG AZ=154
41;8N; 19,1E 10KM H=01 48 48;9 (U)
41;8N; 19,2E 10KM 01 48 51;4 (B)
41;6N; 19,0E 33KM 01 48 49;3 (M)

1979 NOV 09 YUGOSLAVIA-ALBANIA COAST REG, **
E PN 01 51 27
E 53 54
E SG 54 22
E L 54 39
E B 54 44 NO MB COMP, D= 10,4 DEG AZ=154
41;8N; 19,0E 10KM H=02 38 14;8 (U)
41;8N; 19,2E 10KM 02 38 17;5 (B)

1979 NOV 09 YUGOSLAVIA-ALBANIA COAST REG, **
E 02 43 19
E 43 40
E 44 04

1979 NOV 09
E 02 54 45 MB=3,5(21) D= 10,4 DEG AZ=154
41;8N; 19,1E 10KM H=04 20 02;3 (U)
41;9N; 19,3E 10KM 04 20 04;7 (B)

1979 NOV 09 YUGOSLAVIA-ALBANIA COAST REG, **
E SI 04 25 44
E 25 53 MB=4,4(23) D= 17,9 DEG AZ=138
36;9N; 28,0E 35KM H=05 42 36;9 (U)
37;0N; 28,0E 34KM 05 42 39;3 (B)

1979 NOV 09 DODECANESE ISLANDS
I P 05 46 49.6C 0.9 / 31 MB=4,5(8) D= 81,2 DEG AZ= 52
E 47 08 30;4N;129,1E 284KM H=06 55 15;1 (U)

1979 NOV 09 KYUSHU, JAPAN
I P 07 07 00,7C 1.1 / 17

1979 NOV 09 SOUTHERN GREECE
E(P) 12 10 00 D MB=4,0(5) D= 15,1 DEG AZ=153
37;5N; 21,5E 33KM H=12 06 20;6 (U)
37;6N; 21,8E 10KM 12 06 24;2 (B)

1979 NOV 09 KOMANDORSKY ISLANDS REGION
I P AB 13 57 01.5C 1,7 / 260 1,7 / 130 1,7 / 39 MB=5,7(112) D= 70,8 DEG AZ= 17
E AP 57 15 55;6N;164,1E 33KM H=13 45 47;6 (U)
E S B 14 06 12 59;7N;163,6E 53KM 13 45 50;8 (M)
E SS B 10 44 DISTANCE 70 DEG
LM B 27 T 20 AM 1,5 AE 1,5 AV 1 MLH =5,5 MLV =5,2

1979 NOV 09
E 14 47 30

1979 NOV 09 FIJI ISLANDS REGION MB=5,5(41) D=145,6 DEG AZ= 20
I PKP 14 56 58.7C 0.9 / 45 17;6S;178,7W 584KM H=14 38 22;7 (U)
E APKP 59 12

1979 NOV 09
E 15 18 23

1979 NOV 09 NEW HEBRIDES ISLANDS MB=6,1(69) D=136,5 DEG AZ= 39
E(PKHKP) 16 58 34 13;3S;166,7E 45KM H=16 39 25;0 (U)
I PKIKP AB 58 42.9 1.4 / 56 13;2S;166,8E 37KM 16 39 24;5 (M)
E APKP 58 56 DISTANCE 137 DEG
E 59 11
E PP AB 17 01 22 T 9 AV 1,2 MMPV =6,6
E APP AB 01 35
E 02 03
E SKP AB 02 13
E 02 30
E 02 45
E 03 51
E B 14,6
LM B 18 05 T 19 AM 4 AE 1,2 AV 4 MLH =6,2 MLV =6,2
FINAL 19

1979 NOV 09 POLAND, UPPER SILESIA
E SI 23 13 18

1979 NOV 09 WESTERN POLAND
I PN 23 21 35,8 NO MB COMP, D=213 KM AZ= 83
I 21 43.1 51;5ON;16,0E H=23 21 04
E SG 22 04 51;3N; 15,5E 10KM 23 21 08;1 (U)
51;3N; 15,6E 20KM 23 21 11;0 (B)

1979 NOV 09 FIJI ISLANDS REGION
I PKP1 23 24 05.2 1.0 / 11 MB=4,7(4) D=148,7 DEG AZ= 19
21;0S;177,5W 537KM H=23 09 16;8 (U)

1979 NOV 09 WESTERN POLAND
E PN 23 26 56
E SG 27 25

1979 NOV 10 EASTERN MEDITERRANEAN SEA
E(P) 01 56 07 MB=4,0(6) D= 20,0 DEG AZ=133
35;9N; 30,8E 53KM H=01 51 29;2 (U)
35;9N; 30,7E 44KM 01 51 31;2 (B)

1979 NOV 10 YUGOSLAVIA-ALBANIA COAST REG, ** MB=4,5(4) D= 10,4 DEG AZ=154
E PN 04 22 07 41;8N; 19,1E 10KM H=04 19 33.6 (U)
E PG 23 06 41;8N; 19,2E 10KM 04 19 36.4 (B)
E 24 52 41;8N; 19,1E 33KM 04 19 36.6 (M)
E SG 25 07 DISTANCE 10 DEG
LM B 25.4 T 5,5 AN 0,5 AE 1,5 AV 0,5 MLH =4,5

1979 NOV 10 SOUTH PACIFIC CORDILLERA MB=5,6(4) D=167,7 DEG AZ=222
E 08 03 02 59;5S;150.9W 10KM H=07 41 27;1 (U)
E 08 04 60;2S;150.3W 3KM 07 41 30;8 (M)

1979 NOV 10
E 10 19 39

1979 NOV 10 TONGA ISLANDS MB=4,4(1) D=148,7 DEG AZ= 12
E(PKP) 10 29 00 20;4S;173.4W 33KM H=10 09 08.0 (U)

1979 NOV 10 EXPLOSION OF 25.6 TONS; NORTHERN CZECHOSLOVAKIA D=109 KM AZ=137
I(PB) 11 09 29.1 50;5BN;14.05E (C)
I PG 09 29.9 50,5N; 14.0E 0KM H=11 09 09.7 (I)
I SG 09 44.2 DISTANCE 120 KM
I L 09 51

1979 NOV 10 SOUTH OF HONSHU, JAPAN MB=4,7(44) D= 85.0 DEG AZ= 45
I P 15 38 41.5D 1.2 / 15 31;1N;138.5E 396KM H=15 26 49.1 (U)
E AP 40 17 29;4N;139.8E 33KM 15 25 59;2 (M)

1979 NOV 10
I P 22 45 06.9C

1979 NOV 11 GREECE-ALBANIA BORDER REGION MB=5,1(26) D= 12,7 DEG AZ=154
E P 01 21 10 39;6N; 20.2E 33KM H=01 18 07.0 (U)
E PP 21 20 1.3 / 69 39;6N; 20.3E 41KM 01 18 10.1 (B)
E 22 31 39;2N; 20.0E 3KM 01 17 59;2 (M)
E SSSS B 24 09 DISTANCE (12)DEG
E 24 55
E 25 04
E AB 25 34
LM B 27.2 T 11 AN 1,5 AE 2 AV 2 MLH =4,5

1979 NOV 11 TRACES; LOYALTY ISLANDS REGION /3.8(1)/ D=145.8 DEG AZ= 40
E 15 31 32 22;1S;170.1E 33KM H=15 11 46;0 (I)

1979 NOV 11 FIJI ISLANDS REGION MB=5,5(32) D=148.2 DEG AZ= 16
E PKIKP 16 50 45 D 20;3S;176.1W (169KM)H=16-31 22;1 (U)
I PKP1 50 49.1D 1.2 / 120 20;3S;176.2W 126KM 16 31 17.6 (M)
I PKP2 50 52.4C 1.3 / 120 DISTANCE 147;5 DEG DEPTH 220 KM
I APKP 51 46.2
E 53 03
E SKP 54 08

1979 NOV 11
E 17 36 27

1979 NOV 11 TONGA ISLANDS MB=5,0(4) D=146.9 DEG AZ= 13
I PKP1 19 40 41.2C 0.9 / 11 18;6S;174.3W 45KM H=19 21 02;6 (U)
E 41 10

1979 NOV 12 TRACES; SOUTH OF FIJI ISLANDS MB=5,0(2) D=151,3 DEG AZ= 26
E PKP1 07 53 12 24;5S;179.7E 573KM H=07 34 21.1 (U)

1979 NOV 12 EXPLOSION OF 18.4 TONS; NORTHERN CZECHOSLOVAKIA D=144 KM AZ=126
I PG 11 00 16.9 50;5AN;14.05E (C)
I(SG) 00 36.5

1979 NOV 12 QUESTIONABLE EVENT
E 15 15 00
E SG 15 24

1979 NOV 12 NEAR S. COAST OF SOUTHERN HONSHU MB=4,9(4) D= 81.2 DEG AZ= 45
I AP 15 54 13.4D 1.1 / 23 34;1N;135.6E 75KM H=15 41 46.3 (U)

1979 NOV 12 NORTHERN ITALY NO MB COMP, D= 5.0 DEG AZ=204
E 17 38 52 46;7N; 10.0E 10KM H=17 36 23;2 (U)
E SG 39 01
E L 39 10

1979 NOV 12 NORTHERN ITALY NO MB COMP, D= 5.1 DEG AZ=202
E L 19 34 29 46;6N; 10.2E 10KM H=19 31 42;0 (U)

1979 NOV 12 LOYALTY ISLANDS REGION MB=5,2(4) D=145.8 DEG AZ= 40
I PKP 20 29 27.2C 1.0 / 28 22;0S;170.2E 36KM H=20 09 52;3 (U)
I APKP AB 29 34.9 1.7 / 130 21;1S;169.8E 33KM 20 09 54;3 (M)

1979 NOV 12 NORTHERN ITALY NO MB COMP, D= 5.0 DEG AZ=204
E SG 21 25 57 46;7N; 10.0E 33KM H=21 23 18;7 (U)

1979 NOV 12 POLAND, UPPER SILESIA
E 21 39 22

1979 NOV 12 KURILE ISLANDS MB=4,7(5) D= 77.5 DEG AZ= 32
I P 22 57 38.1C 1.2 / 25 43;7N;147.6E 48KM H=22 45 46.4 (U)

1979 NOV 12 ARABIAN SEA MB=4,7(11) D= 48.7 DEG AZ=123
E 23 43 30 14;8N; 53.4E 10KM H=23 34 31;0 (U)
14;0N; 53.9E 33KM 23 34 28.2 (M)

1979 NOV 12 CENTRAL ITALY — NO MB COMP;
E 23 55 55 — D= 8.5 DEG AZ=180
E 56 50 — 42;8N; 13.0E 10KM H=23 52 48.9 (U)
E L 57 44 — 42;8N; 13.0E 10KM 23 52 50;8 (B)

1979 NOV 13 TRACES — MB=5.0(41)
E 02 41 14 — D= 77.2 DEG AZ= 33
43;6N;146.3E 77KM H=03 32 36;4 (U)
44;0N;145.7E 57KM 03 32 37.3 (M)

1979 NOV 13 KURILE ISLANDS
I P 03 44 22.5D 1.0 / 46 — D= 10 KM AZ=311
51;37N;12.89E

1979 NOV 13 EXPLOSION OF 6v0 TONS; GERMAN DEMOCRATIC REPUBLIC
I PG 13 12 31.2 — MB=5.8(41) — D= 92.8 DEG AZ= 94
I SG AB 12 33.1 — 4;48;102.0E 47KM H=19 09 02.3 (U)
4;35;102.0E 3KM 19 04 56;5 (M)

1979 NOV 13 SOUTHERN SUMATERA
E P AB 19 18 12 C 1.5 / 70
I AP 18 25.3
E PP B 21.8
E APP 22 03
E SKS AB 28 42
E S AB 29 12
E PS B 30.2
L B 20 05 T 20 AN 5 AE 3 AV 2,5 MLH =6.1 MLV =6.8
LM B 09 T 17 AN 5 AE 1.5 AV 4
FINAL 21

1979 NOV 13
E 20 39 37
E 39 46 — MB=6.5(42) — D=151.7 DEG AZ= 15
23;6S;174.9W 32KM H=20 43 38;8 (U)
23;4S;175.4W 126KM 20 43 51;8 (M)

1979 NOV 13 TONGA ISLANDS REGION — DISTANCE 153 DEG DEPTH(90)KM
I PKIKP AB 21 03 24.9D 2.4 / 540 AV 4,7
T 7
I PKP1 03 31.2 1.9 / 1250 — MC =6.5
I AB 03 38
I(PKP2) 03 43.7 1.7 / 1200
I(APKP1) 03 54
I(APKP2) 04 04.5
E B 04.9
E PKS B 06 50
E PP 07 08
E B 08.5
E PPP AB 10 34 (CR SKS)
E PPPP 12 45 (CR PKJKP)
E 17 03
E PSKS AB 17 23
E (PPPS) B 22.3
E SS B 26.6
LM B 22 21 T 17 AN 9 AE 7,5 AV 9 MLH =6.6 MLV =6.7
FINAL 24

1979 NOV 13
E PKP 21 45 33 1.2 / 14

1979 NOV 13
E P 21 51 39

1979 NOV 14 TONGA ISLANDS REGION — MB=4,9(1) — D=151.3 DEG AZ= 15
E PKP1 01 41 40 — 23;2S;174.9W 33KM H=01 21 48;2 (
I(APKP1) 41 59.8
E 43 38

1979 NOV 14 IRAN — MB=6.0(64) — D= 37.8 DEG AZ= 99
I P(1) 02 28 37.4D 1.3 / 105 — MPV =5.4 — 33;9N; 59.7E 33KM H=02 21 22.1 (
I P(2) AB 28 41.5D 2.4 / 3050 — MPV =6.6 — 34;1N; 59.9E 10KM 02 21 21;4 (
T 3 AN 1.2 AE 3,5 AV 3,7 — MPH =6.8 MPV =6.6 — 34;4N; 59.9E 3KM 02 21 19;7 (
I 29 32.7D — DISTANCE 38 DEG
I PP AB 30 12 2.3 / 1550 — MPPV =6.6 — MULTIPLE SHOCK,
T 4 AE 4,2 AV 3,3 — MPPV =6.6 — MB IS AN INADEQUATE VALUE
I 30 43.6
E B 33 48
E S B 34 30 T 20 AN 9,5 AE 23,6 MSH =6.7
E B 35.4
E SS B 37 10
LH B 43
LM 49 T 16 AN(155) AE 49 AV(53) MLH =7.0 MLV =6.6
L 57 T 16 AN 28.5 AE 58 AV(23)
FINAL 06

1979 NOV 14 IRAN — MB=4,9(19)
I P 02 57 33.2 1.0 / 28 — D= 37.9 DEG AZ= 99
33;9N; 59.8E 33KM H=02 50 17;5 (
34;0N; 60.1E 33KM 02 50 16;8 (

1979 NOV 14 TONGA ISLANDS — MB=5,2(9)
I PKP 07 13 32.7D 0.9 / 80 — D=145.2 DEG AZ= 12
E 14 06 — 16;9S;174.2W 91KM H=06 54 04;9 (
16;3S;173.6W 33KM 06 54 00;6 (

1979 NOV 14 IRAN — MB=4,6(12)
E P 07 50 57 — D= 37.9 DEG AZ= 99
33;9N; 59.9E 33KM H=07 43 39;8 (
33;9N; 59.9E 3KM 07 43 35;5 (

1979 NOV 14 POLAND, UPPER SILESIA
E 14 24 41

1979 NOV 14 NEW IRELAND REGION — MB=3,8(1) — D=123.3 DEG AZ= 50
E PKP 16 34 52 1.2 / 9 — 5;1S;153.2E 68KM H=16 16 00;2 (

1979 NOV 14 CENTRAL MID-ATLANTIC RIDGE — MB=5,1(29) — D= 60.5 DEG AZ=228
E P 22 15 03 2.1 / 70 — 0;9N; 27.1W 10KM H=22 04 51;2 (U)
E S B 23 28 — 0 / 26.8W 3KM 22 04 47;0 (M)
LMH B 38 T 19 AN 2.5 AE 1,5 AV 2,5 MLH =5.5
LMV B 51 T 14 AN 2 AV 3 MLV =5.7

1979 NOV 14 TRACES; NEW HEBRIDES ISLANDS — MB=5,2(11) — D=138.1 DEG AZ= 39
E PKP 22 57 24 — 14;8S;167.1E 126KM H=22 38 10.4 (U)

1979 NOV 14 SOUTHERN ALASKA — MB=5,1(40) — D= 66.8 DEG AZ=351
I P 23 11 30.0D 1.4 / 50 — 61;4N;150.1W 57KM H=23 00 42;8 (U)
60;9N;150.0W 46KM 23 00 38.6 (M)

1979 NOV 15 KIRGHIZ SSR — MB=4,6(10) — D= 41.4 DEG AZ= 80
E P 01 41 15 — 41;3N; 72.7E 33KM H=01 33 31.3 (U)
I 41 20.4 — 41;5N; 72.6E 3KM 01 33 28.4 (M)
E 42 44

1979 NOV 15 KURILE ISLANDS — MB=4,7(13) — D= 77.7 DEG AZ= 32
I P 03 28 17.3D 1.2 / 27 — 43;6N;147.9E 44KM H=03 16 24.0 (U)

1979 NOV 15 IRAN — MB=4,8(26) — D= 37.9 DEG AZ= 99
E P 03 32 44 C 0.9 / 13 — 33;8N; 59.7E 42KM H=03 25 29.4 (U)
34;1N; 59.9E 1KM 03 25 25.4 (M)

1979 NOV 15 IRAN — MB=5,0(5) — D= 37.9 DEG AZ= 99
E P 05 14 11 — 33;9N; 59.8E 33KM H=05 06 54.9 (U)
34;1N; 59.9E 10KM 05 06 51 (B)
34;1N; 60.0E 1KM 05 06 50;8 (M)

1979 NOV 15 EXPLOSION OF 10.8 TONS; NORTHERN CZECHOSLOVAKIA — D=117 KM AZ=121
I PG 11 57 39.2 — 50;7SN;14.42E (C)
I SG 57 54.3 — DISTANCE 120 KM

1979 NOV 15 EXPLOSION; NORTHWESTERN CZECHOSLOVAKIA — D=124 KM AZ=190
E PG 13 02 15 — (50;21N;12.71E 0KM H=13 01 54.5 (
E(SG) 02 31 — DISTANCE 125 KM
E L 02 43

1979 NOV 15 POLAND, UPPER SILESIA
E 13 58 16

1979 NOV 15 OFF EAST COAST OF KAMCHATKA — MB=4,9(34) — D= 72.8 DEG AZ= 21
I P 16 31 01.2C 1.2 / 41 — 52;5N;159.5E 48KM H=16 19 37;1 (U)
E 31 26 — 52;5N;159.2E 59KM 16 19 38;8 (M)

1979 NOV 15 CENTRAL YUGOSLAVIA — NO MB COMP, — D= 9.4 DEG AZ=147
E 19 38 41 — 43;2N; 20.0E 10KM H=19 36 00.5 (U)
E 39 40 — 43;1N; 19.9E 10KM 19 36 02.4 (B)
E SN 40 06
E 40 45

1979 NOV 16 KURILE ISLANDS — MB=4,8(13) — D= 76.1 DEG AZ= 32
I P 01 52 28.1 — 44;8N;146.2E 155KM H=01 40 54;5 (U)
44;9N;146.0E 150KM 01 40 56;8 (M)

1979 NOV 16
E 03 40 44

1979 NOV 16 FIJI ISLANDS REGION — /4,5(1)/ D=148.3 DEG AZ= 20
I PKP1 09 14 56.3D 0.9 / 19 — 20;8S;178.3W 551KM H=08 56 12 (

1979 NOV 16 PHILIPPINE ISLANDS REGION — MB=5,0(14) — D= 85.2 DEG AZ= 64
I P 09 27 23.8 — 19;7N;120.5E 34KM H=09 14 48;5 (U)
20;0N;120.5E 33KM 09 14 51;0 (M)

1979 NOV 16
E 11 18 40

1979 NOV 16 WESTERN AUSTRIA — NO MB COMP, — D= 3.9 DEG AZ=190
E SG 13 13 31 — 47;5N; 12.0E 10KM H=13 11 27;3 (U)
E 13 38 — 47;5N; 11.9E 23KM 13 11 29;3 (B)

1979 NOV 16
E(P) 15 36 59

1979 NOV 16 FIJI ISLANDS REGION — MB=6,1(42) — D=144.8 DEG AZ= 22
E PKP AB 15 40 58 1.8 / 240 — 16;8S;180 33KM H=15 21 25.7 (U)
T 5 AN 0.4 AV 1,3 — 16;4S;179.5E 50KM 15 21 31.7 (M)
E APKP 41 11
E AB 41 40 T 9 AN 1.0 AV 4,2
E B 43 22
E 43 37
E 44 52
E B 52 52
E SS B 16 02.9
E B 03.7
L B 34
LM B 51 T 19 AN 26 AE 8,5 AV 22,5 MLH =7.0 MLV =7.1
FINAL 19

1979 NOV 16 TRACES
E 17 03 21

1979 NOV 16 WEST IRIAN REGION — MB=5,8(37) — D=110.9 DEG AZ= 66
I P(1) 18 25 19.0C — 1;9S;134.2E 33KM H=18 10 48.5 (U)
I P(2) 25 21.8 1.6 / 60 — MPV =6.7 — 2;0S;134.4E 33KM 18 10 47.6 (M)
E 28 44 — MULTIPLE SHOCK,
I 29 02.1C — MB IS AN INADEQUATE VALUE
I(PKP) 29 15.8
E 18 29 49 2.2 / 93
I PP 30 00.4 1.6 / 78 — MPPV =6.1

1979 NOV 17 WESTERN TURKEY
E(P) 01 58 10
E L 02 04 02

1979 NOV 17 WESTERN POLAND
E PN 03 09 06
I 09 12.2
I SG 09 32.8
I 09 35.8
I 09 42

1979 NOV 17 SWITZERLAND
E SG 11 38 47
E L 39 13

1979 NOV 17 WESTERN POLAND
I PN 12 08 38.2
I PG 08 42.0
I 08 45.8
I(SG) 09 08.9
I 09 16

1979 NOV 17 DOMINICAN REPUBLIC REGION
I P 14 28 38.1C 1.4 / 29

1979 NOV 17 YUGOSLAVIA-ALBANIA COAST REG. **
E 15 26 38
E L 27 50

1979 NOV 17 YUGOSLAVIA-ALBANIA COAST REG. **
E 16 33 16

1979 NOV 17 YUGOSLAVIA-ALBANIA COAST REG. **
E 17 15 03

1979 NOV 17 NORTHERN ITALY
E PN 20 54 46
I PG 55 12.0
I 56 28.5
I SG AB 56 34.0
I 56 48.6

1979 NOV 18 TONGA ISLANDS REGION
I PKP1 12 25 57.8C 1.6 / 25

1979 NOV 18 WESTERN POLAND
I PN 16 42 40.1
I PG 42 43.2
I 42 46.8
I SG 43 08.8
E 43 16

1979 NOV 18 NEAR EAST COAST OF HONSHU, JAPAN MB=4.7(6)
I P 18 23 26.9 D= 80.7 DEG AZ= 39
37.5N 141.4E 63KM H=18 11 19.4 (U)
37.8N 141.3E 64KM 18 11 21.2 (M)

1979 NOV 19 JAN MAYEN ISLAND REGION MB=4.5(14)
E P 00 37 54 2.3 / 26 D= 22.0 DEG AZ=346
I 38 08.8 71.9N 3.7W 10KM H=00 32 59.2 (U)
71.8N 3.8W 10KM 00 33 01.6 (B)
71.6N 3.0W 3KM 00 33 03.6 (M)

1979 NOV 19
E 14 50 04

1979 NOV 19
E 15 21 14

1979 NOV 19 HINDU KUSH REGION MB=4.7(16)
E P 16 40 16 D= 43.2 DEG AZ= 87
36.4N 70.9E 201KM H=16 32 35.2 (U)
36.2N 71.1E 180KM 16 32 41.4 (M)

1979 NOV 19 KURILE ISLANDS MB=4.7(13)
I P 17 25 26.3C D= 77.1 DEG AZ= 28
45.7N 151.9E 54KM H=17 13 38.3 (U)

1979 NOV 19 TONGA ISLANDS
I PKP 18 02 10.9C 0.8 / 80 MB=5.0(11)
D=145.1 DEG AZ= 13
16.9S 174.6W 192KM H=17 42 55.8 (U)

1979 NOV 19 TONGA ISLANDS REGION
I PKP1 19 30 09.4 MB=5.4(3)
I 30 39.2 D=151.8 DEG AZ= 16
23.8S 175.1W 33KM H=19 10 17.9 (U)

1979 NOV 19 MINDANAO, PHILIPPINE ISLANDS
I P AB 22 30 51.8C 2.2 / 230 MB=6.1(60)
I AP 31 15.2C D= 99.1 DEG AZ= 69
I 34 19.7 5.9N 125.3E 85KM H=22 17 20.2 (U)
I PP AB 34 30.2 9.8N 125.3E 110KM 22 17 21.8 (M)
E(XPP) B 35 24 DISTANCE 97 DEG DEPTH 90 KM
E PPP 36 38
E APPP 37 21
E(SKS) 41 04
E S B 42.1
E(XS) B 42.9
E B 44.2
E 46 23
E PKKP1 47 18
E PKKP2 47 43
LMH B 23 10 T 23 AN 7 AE 3 MLH 96.1 (NO DEPTH CORRECTION)
LMV B 18 T 20 AN 5 AE 4 AV 4.5 MLV 96.0 (NO DEPTH CORRECTION)

NO MB COMP, D= 19.1 DEG AZ=137
36.0N 29.0E 10KM H=01 53 39.2 (U)

DISTANCE 220 KM

NO MB COMP, D= 5.6 DEG AZ=222
47.0N 7.5E 10KM H=11 35 45.8 (U)

NO MB COMP, D=222 KM AZ= 85
51.4N 16.1E H=12 08 05 (P)
51.6N 16.4E 10KM 12 08 01.7 (U)
DISTANCE 220 KM

MB=5.1(48) D= 71.1 DEG AZ=276
18.7N 69.6W 99KM H=14 17 29.4 (U)
19.3N 69.6W 33KM 14 17 24.6 (M)

MB=3.7(2) D= 10.4 DEG AZ=153
41.9N 19.4E 10KM H=15 21 50.7 (U)

MB=3.8(2) D= 10.4 DEG AZ=152
42.0N 19.6E 10KM H=16 28 09.0 (U)
42.0N 19.6E 10KM 16 28 10.7 (B)

NO MB COMP, D= 10.5 DEG AZ=153
41.8N 19.4E 10KM H=17 10 05.5 (U)
42.0N 19.5E 10KM 17 10 08.2 (B)

NO MB COMP, D= 6.0 DEG AZ=201
45.7N 9.9E 10KM H=20 53 15.8 (U)
45.7N 10.0E 27KM 20 53 19.1 (B)
DISTANCE 5.6 DEG

/4.6(2)/ D=151.8 DEG AZ= 15
23.7S 174.5W (33KM H=12 06 01.7) (U)

NO MB COMP, D=213 KM AZ= 83
51.5N 16.0E H=16 42 07 (P)
51.3N 15.8E 0KM 16 42 09 (I)

1979 NOV 19 LOYALTY ISLANDS REGION MB=5.0(2)
I PKP 23 04 43.0D 1.6 / 60 D=144.9 DEG AZ= 39
I 04 52.4 21.1S 170.1E 105KM H=22 45 17.8 (U)
E APKP 05 10

1979 NOV 20 SOUTH INDIAN OCEAN MB=5.0(6)
I P 05 56 03.1D 1.5 / 27 D= 68.6 DEG AZ=122
1.6S 65.0E 10KM H=05 44 58.0 (U)

1979 NOV 20 SOUTH PACIFIC OCEAN MB=5.3(9)
I PKIKP 07 04 45.7 D=147.2 DEG AZ=310
I PKP1 04 48.0D 1.6 / 93 26.1S 139.3W 33KM H=06 45 07.1 (U)
E 08 38

1979 NOV 20 JAN MAYEN ISLAND REGION MB=5.6(59)
I P AB 17 40 57.8C 1.9 / 890 1.9 / 580 1.9 / 920 MPV 5.9 MPH 5.9
I 41 04.4
I AB 41 13.3
E B 42 43
E S B 45 03 T 17.9 AN 5.3 AE 6.9 MSH 5.9
L B 47.2
E SCP 48 35
L B 50
LM B 51 T 13 AN 12 AE 4 AV 12 MLH 5.5 MLV 5.4
D= 22.1 DEG AZ=342
71.2N 8.0W 10KM H=17 36 01.2 (U)
71.2N 8.3W 10KM 17 36 02.4 (B)
71.2N 7.5W 3KM 17 36 01.8 (M)
DISTANCE 22 DEG

1979 NOV 20 JAN MAYEN ISLAND REGION MB=4.8(22)
E P 18 24 44 1.6 / 29 D= 21.9 DEG AZ=343
I 24 53.0 71.2N 6.9W 10KM H=18 19 49.9 (U)
E 25 09 71.2N 7.8W 10KM 18 19 50.6 (B)
71.0N 6.7W 1KM 18 19 50.5 (M)

1979 NOV 20 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.5(1)
E SN 18 36 11 D= 10.1 DEG AZ=155
E 36 51 42.0N 18.8E 10KM H=18 31 59.1 (U)
E SG 37 36 42.1N 19.0E 10KM 18 32 01.2 (B)
E 37 42
E L 38 17

1979 NOV 20
E 22 36 07

1979 NOV 20 QUESTIONABLE EVENT
E 23 52 26

1979 NOV 21 GREECE-ALBANIA BORDER REGION MB=4.5(5)
E P 02 23 45 D= 12.8 DEG AZ=153
I 24 34.0 40.4N 20.2E 33KM H=02 20 55.6 (U)
E 24 47 40.3N 20.2E 10KM 02 20 55.2 (B)
E(S) 25 48 40.1N 19.7E 33KM 02 20 53.3 (M)
E 27 08
E L AB 27 48
E B 29.1
E B 29.7

1979 NOV 21 CENTRAL YUGOSLAVIA NO MB COMP, D= 7.5 DEG AZ=165
I PN 06 37 20.0 44.2N 15.7E 10KM H=06 39 30.5 (U)
E SN 38 40 44.2N 15.8E 10KM 06 39 32.6 (B)
E(SG) 39 18 DISTANCE 7.1 DEG
I L 39 40.5

1979 NOV 21 WEST IRIAN MB=5.5(33)
E PP 10 43 57 D=114.9 DEG AZ= 62
3.4S 139.7E 70KM H=10 24 31.9 (U)
2.4S 139.4E 3KM 10 24 27.8 (M)

1979 NOV 21
E(P) 10 48 30

1979 NOV 21 WESTERN IRAN MB=4.9(24)
E(P) 14 45 29 D= 32.1 DEG AZ=112
32.6N 48.8E 60KM H=14 39 02.5 (U)
32.5N 48.9E 95KM 14 39 06.3 (B)
32.3N 48.7E 33KM 14 38 57.8 (M)

1979 NOV 21 NORTHWESTERN IRAN MB=4.6(4)
E P 15 41 49 D= 27.3 DEG AZ=105
38.4N 47.3E 10KM H=15 36 02.3 (U)
38.1N 47.1E 31KM 15 36 03.1 (M)

1979 NOV 21
E 17 25 56

1979 NOV 21 CZECHOSLOVAKIA NO MB COMP, D= 2.1 DEG AZ=112
I PG 18 58 05.0 50.5N, 16.0E (C)
I 58 06.5 50.4N 16.2E 33KM H=18 57 29 (I)
I 58 09.4 50.3N 14.8E 33KM 18 59 37.7 (U)
I SG 58 31.2 DISTANCE 220 KM

1979 NOV 21 COLOMBIA MB=4.6(4)
E 19 02 36 D= 89.0 DEG AZ=271
4.6N 74.7W 33KM H=18 49 54.7 (U)

1979 NOV 21 WESTERN POLAND
I 23 22 21.4
I 22 22.5
E 22 26
I SG 22 44.0

1979 NOV 22 CHILE-ARGENTINA BORDER REGION MB=5.8(69)
E P 02 54 57 2.2 / 51 D=102.9 DEG AZ=247
E AP AB 55.41 24.3S 67.4W 169KM H=02 41 16.7 (U)
E 57 46 24.5S 67.2W 100KM 02 41 09.3 (M)
E 57 96 DISTANCE 102.5 DEG DEPTH 575 KM
E 58 30
E PP 59 07
(CONT.)

(CONT.)

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E PPP          03 01 25
E              01 34                          2.0 /  82  2.6 /  215
I SKS      AB  03 22.0                T 10   AN  1.4 AE  3.9
E SKKS     AB  03 58                  T 10   AN  1.7 AE  2.1          MSH  =6.5
E S         B  04 28
E              07 41
E SP        B  07 56
E              B  09.9
I PKKP1        10 05.3  1.2 /  18
E              11 12
I PKKP2        11 16.1  1.9 /  72
E              12 43
E SS        B  13.6
E              17 21
E SSS       B  18.0
E PKPPKP       19 11

1979 NOV 22   CENTRAL YUGOSLAVIA                                        MB=4.2( 1)     D=  9.2 DEG  AZ=146
E PN           06 53 25                                                               43.4N  20.0E   10KM H=06 51 07.0 (U)
E              54 38                                                                  43.3N  20.1E   10KM   06 51 08.9 (B)
E              55 19
E              55 28
E SG           56 14

1979 NOV 22   FRANCE                                                   NO MB COMP.    D=  8.0 DEG  AZ=221
E              07 27 57                                                               45.0N   5.6E   10KM H=07 24 06.2 (U)
E SG           28 34
E              28 46

1979 NOV 22   TONGA ISLANDS                                            MB=4.2( 2)     D=145.2 DEG  AZ= 12
I PKP          13 28 19.0C 0.8 /  17                                                  16.9S 173.9W  123KM H=13 08 55.9 (U)

1979 NOV 23   TONGA ISLANDS                                            MB=5.3( 5)     D=143.8 DEG  AZ= 11
I PKP          00 50 09.6                                                             15.4S 173.9W   83KM H=00 30 45.4 (U)

1979 NOV 23   TONGA ISLANDS REGION                                                /5.0( 4)/ D=151.5 DEG  AZ= 16
E PKP1         03 18 13    1.4 /  23                                                  23.4S 175.0W (  33KM H=02 58 19.3) (U)
E              18 27

1979 NOV 23   KERMADEC ISLANDS REGION                                   MB=4.8( 3)     D=155.5 DEG  AZ= 21
E PKP1         03 49 05                                                               27.9S 176.8W   63KM H=03 29 06.6 (U)

1979 NOV 23   TRACES; DODECANESE ISLANDS                               NO MB COMP.    D= 18.1 DEG  AZ=139
E P            10 46 33                                                               36.9N  27.6E   10KM H=10 42 16.9 (U)

1979 NOV 23   IRAN                                                     MB=5.0(34)     D= 37.8 DEG  AZ= 99
I P            18 30 02.9C 1.1 /  24                                                  34.0N  59.8E   33KM H=18 22 48.2 (U)
I              31 07.1                                                                34.0N  60.2E   37KM   18 22 49.1 (B)
E PP           31 28                                                                  34.2N  60.0E    1KM   18 22 43.8 (M)
E              31 41
E PPP          31 54

1979 NOV 23   TRACES; CASPIAN SEA                                                    D= 28.2 DEG  AZ=102
E P            19 49 21                                                               38.8N  49.3E   33KM H=19 43 33.8 (U)

1979 NOV 23   TRACES; CENTRAL YUGOSLAVIA                               NO MB COMP.    D=  8.7 DEG  AZ=144
E L            21 51 41                                                               44.1N  20.1E   10KM H=21 46 37.8 (U)

1979 NOV 23 / COLOMBIA                                                 MB=6.4(59)
      NOV 24                                                                          D= 85.8 DEG  AZ=272
I P        AB 23 52 58.0C 1.2 /  670  1.4 /  94  1.1 /  260  MPV  =6.6 MPH  =6.5     4.8N  76.2W  108KM H=23 40 29.8 (U)
                          T 4=0                    AV(  2,3)                          4.9N  76.1W   93KM   23 40 28.9 (B)
I              53 03.0                                                                DISTANCE  87 DEG     DEPTH 105 KM
I          AB  53 06.8
I           B  53 11
I          AB  53 15
I AP           53 25
I XP           53 37.7
I          AB  53 48    T 10          AE  6.2 AV 15.2
I              54 18.0
I              54 33.3
I              54 39.1
I              56 01.7
I PP        B  56 28
E              B  57 13
E              B  59 19
E PPPP      B  59 44
I S        AB 00 03 20    T 14   AN 34.8 AE  6.8 AV  3.2  MSH  =7.3
E(SCS)     AB  03 37
E XS        B  04 13
I SP           04 28.6
E SPP       B  04 54
E              05 35
E              06 22
E SS        B  09.1
E XSS       B  09.8
E              11 20
E              11 40
E (XSSS)       13 25
  LG        B  17        T 27   AN  64
E PKPPKP       19 09
E              21 03
E SKPPKP       22 13
  L         B  27        T 18   AN   6  AE 13  AV 14     MLH  =6.4 MLV  =6.5 (NO DEPTH CORRECTION)
  FINAL     03
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1979 NOV 24   TRACES
E              01 17 19

1979 NOV 24   TRACES
E              03 01 45

1979 NOV 24   SOUTH OF FIJI ISLANDS                                     MB=5.2(18)     D=151.2 DEG  AZ= 28
I PKP1         06 29 28.7D 1.0 /  130                                                 24.7S 178.7E  582KM H=06 10 39.6 (U)
I PKP2         29 39.4C 1.1 /  65                                      MC   =5.2     DISTANCE 151 DEG     DEPTH 600 KM
I APKP         31 47.1

1979 NOV 24   ALBANIA                                                  MB=4.3( 6)     D= 11.4 DEG  AZ=155
E(P)           09 51 23                                                               40.8N  19.4E   10KM H=09 48 40.8 (U)
E              52 49                                                                  41.1N  19.7E    9KM   09 48 45.0 (B)
E              54 13
E L            55 22

1979 NOV 24   KERMADEC ISLANDS REGION                                  MB=5.1( 1)     D=156.8 DEG  AZ= 21
E(PKP)         14 57 49                                                               28.3S 176.4W   63KM H=14 37 42.8 (U)
E              58 11

1979 NOV 24   FIJI ISLANDS REGION                                      MB=5.8(36)     D=146.8 DEG  AZ= 17
I PKIKP    AB 19 38 43.4D 1.2 /  100                                                 18.9S 176.6W   33KM H=19 19 04.3 (U)
                          T  4   AN  0.6          AV  1.7                            17.9S 175.2W    1KM   19 19 02.8 (M)
I PKP1         38 48.3  1.5 /  440                                     MC   =5.9     DISTANCE 147 DEG
I              38 51.4
E           B  38 57
E PPS       B  55.1
E(SS)       B 20 02.3
  L         B  32
  LH        B  46        T 20   AN  3  AE  1  AV  3     MLH  =6.1 MLV  =6.1

1979 NOV 24   HOKKAIDO, JAPAN, REGION                                  MB=5.0( 8)     D= 77.6 DEG  AZ= 34
E P            23 45 41    1.1 /  15                                                  42.7N 145.2E   50KM H=23 33 49.0 (U)
I AP           45 52.0D                                                               42.9N 145.4E   63KM   23 33 51.3 (M)

1979 NOV 25   FIJI ISLANDS REGION                                      MB=5.1( 9)     D=148.9 DEG  AZ= 23
E PKP1         00 53 58                                                               21.7S 179.4W  589KM H=00 35 15.9 (U)
I APKP         56 20.7

1979 NOV 25   POLAND, UPPER SILESIA                                                  NO MB COMP.
              SUPERPOSED BY PRECEDING QUAKE                                          D=  4.3 DEG  AZ=105
E SG           00 54(10)                                                              (50.0N  19.4E     0KM H=00 52 00    (I))

1979 NOV 25   TRACES; SOUTHERN IRAN                                    MB=4.5(18)     D= 40.0 DEG  AZ=113
E P            01 14 44                                                               26.3N  54.3E   33KM H=01 07 08.0 (U)
                                                                                      25.9N  54.5E    3KM   01 07 01.9 (M)

1979 NOV 25   BURMA                                                    MB=4.9(38)     D= 66.7 DEG  AZ= 78
E P            02 51 37    2.0 /  50                                                  25.2N  96.3E   50KM H=02 40 49.8 (U)
E              54 13                                                                  24.8N  96.6E    3KM   02 40 40.6 (M)
  LMH       B 03 20
  L         B  25

1979 NOV 25   NEAR EAST COAST OF HONSHU, JAPAN                         MB=5.1(34)     D= 81.2 DEG  AZ= 40
I P            10 27 29.1C 1.2 /  42                                                  36.7N 140.9E   93KM H=10 19 22.3 (U)
E AP           27 51                                                                  36.6N 141.0E   63KM   10 19 18.3 (M)
E              30 18

1979 NOV 25   SOUTH OF FIJI ISLANDS                                    MB=5.4(37)     D=149.2 DEG  AZ= 23
I PKP1         11 56 45.4D 1.1 /  48                                                  22.0S 179.5W  577KM H=11 38 00.9 (U)
E APKP         59 05

1979 NOV 25   FIJI ISLANDS REGION                                              /4.6( 5)/ D=143.8 DEG  AZ= 21
E PKP          13 09 15                                                               16.6S 180      33KM H=12 49 40.5 (I)

1979 NOV 26   RYUKYU ISLANDS                                           MB=4.6( 8)     D= 83.6 DEG  AZ= 93
I P            09 45 37.8                                                             27.5N 129.2E   83KM H=09 33 15.8 (U)

1979 NOV 27   IRAN                                                     MB=5.0(39)     D= 37.8 DEG  AZ= 99
E P            07 19 54                                                               34.0N  59.8E   17KM H=07 12 36.0 (U)
I(PP)          21 32.0                                                                34.1N  60.1E   25KM   07 12 39.1 (B)
  LH        B  33        T 18   AN  3.5 AE  1  AV  1.5  MLH  =5.3 MLV  =5.0 34.3N  60.0E    3KM   07 12 35.4 (M)
  L         B  42

1979 NOV 27   TRACES; NORTH ATLANTIC RIDGE                             MB=4.5(13)     D= 46.2 DEG  AZ=264
E              07 58 36                                                               29.4N  42.2W   10KM H=07 49 53.5 (U)

1979 NOV 27   EAST PAPUA NEW GUINEA REGION                             MB=5.5(42)     D=120.8 DEG  AZ= 56
I PKP          11 30 10.2D 0.9 /( 58)                                                  5.6S 147.3E  205KM H=11 11 41.3 (U)
E PP           31 42                                                                   5.6S 147.2E  140KM   11 11 34.3 (M)

1979 NOV 27   EXPLOSION; NORTHWESTERN CZECHOSLOVAKIA
I PG           13 01 21.2
I SG           01 37.0
I L            01 49

1979 NOV 27   IRAN                                                     MB=6.1(79)     D= 37.7 DEG  AZ= 99
I P(1)     AB 17 17 51.4C 1.5 /  72                                    MPV  =5.1      34.0N  59.7E   10KM H=17 10 32.9 (U)
I P(2)         17 53.2  1.4 /  315                                                    34.4N  59.6E   41KM   17 10 41.7 (B)
I P(3)     AB  17 57.0  2.4 / 3400                                    MPV  =6.7 MPH  =6.6 34.3N  59.9E    3KM   17 10 32.6 (M)
                          T  6   AN  2.0 AE  7.3 AV 10.6  MPH  =6.8 MPV  =6.7 DISTANCE  38 DEG
I P(4)         18 05                                                                  MULTIPLE SHOCK,
I              18 52                                                                  MB IS AN INADEQUATE VALUE
I PP        B  19 24    T  6   AN  3.2 AE 10.5 AV 10.3  MPPH =7.1 MPPV =7.0
I(PPP)     AB  19 35    T 20   AN  5.7 AE 26.2 AV 20.0
I S        AB  23 50    T 20   AN 56.3 AE 118   AV( 26)  MSH  =7.4
E           B  24.5
E           B  26.4
  L         B  28
  LH        B  37        T 15   AN 325  AE 265           MLH  =7.4
  FINAL     21 30
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1979 NOV 27
E(P) 17 57 24

1979 NOV 27 IRAN
I P 18 04 14.0

1979 NOV 27 IRAN
E(P) 18 12 19
E PP 13 44

1979 NOV 27 KURILE ISLANDS
E P 18 26 17

1979 NOV 27 POLAND, UPPER SILESIA
E 22 52 58

1979 NOV 27 IRAN
E P 23 22 18

1979 NOV 28
I 01 44 56.0

1979 NOV 28 IRAN
E P 04 04 58
E 05 58
E 05 47

1979 NOV 28 FIJI ISLANDS REGION
E PKIKP 05 39 56
I PKP1 40 00.0D 0.9 / 64
I PKP2 40 05.3C 1.0 / 44
E APKP 42 28

1979 NOV 28 TRACES; IRAN
E P 12 03 10

1979 NOV 28 SOUTHERN IRAN
I P 13 23 26.6D 1.1 / 18

1979 NOV 28 KERMADEC ISLANDS REGION
E PKIKP 15 13 58
I PKP1 14 07.6 1.2 / 25
I PKP2 14 24.8 1.1 / 41
I APKP2 14 35.9

1979 NOV 28 TRACES, EXPLOSION; SOUTHEASTERN AUSTRIA
ERZBERG, STEIERMARK
E 16 55 40

1979 NOV 28 POLAND, UPPER SILESIA
E 20 38 30

1979 NOV 29
E 00 01 12

1979 NOV 29 KERMADEC ISLANDS REGION
E PKP1 00 36 17
I 36 35.0

1979 NOV 29 IRAN
E P 00 56 12

1979 NOV 29 FIJI ISLANDS REGION
E PKP 01 52 05

1979 NOV 29 TRACES; SOUTH OF HONSHU, JAPAN
E P 04 51 01

1979 NOV 29
E 08 25 37

1979 NOV 29 KERMADEC ISLANDS REGION
E PKIKP 10 39 35
E 39 51
I PKP2 40 04.1 1.2 / 23
I APKP2 40 17.0

1979 NOV 29 EXPLOSION OF 23 TONS; NORTHERN CZECHOSLOVAKIA
I PG 12 01 25.4
I 01 27.1
I SG 01 38.6
I 01 41.0
E LM 01 47

1979 NOV 29 EXPLOSION; NORTHWESTERN CZECHOSLOVAKIA
I PG 12 46 38.1
I SG 46 54.2
I L 47 06

1979 NOV 29 POLAND, UPPER SILESIA
E 16 51 28
E 51 55

/4.8(10)/ D= 38.6 DEG AZ= 99
33:1N; 60.2E 0KM H=17 56 46

MB=4.6(13) D= 37.6 DEG AZ= 99
34:0N; 59.5E 10KM H=18 04 58:1
35:0N; 59.1E 33KM 18 09 13:6

MB=4.9(28) D= 77.0 DEG AZ= 31
44:4N;148.1E 34KM H=18 14 26:4
44:9N;148.1E 68KM 18 14 53:9

MB=4.4(8) D= 37.7 DEG AZ= 99
33:8N; 59.4E 10KM H=23 19 55:0
34:3N; 59.9E 33KM 23 19 04:1

MB=4.7(19) D= 37.8 DEG AZ= 98
34:3N; 60.1E 10KM H=03 56 50:8
34:3N; 60.1E 3KM 03 56 49:4

MB=5.4(40) D=148.E DEG AZ= 22
20:8S;179.1W 655KM H=05 21 25:4
DISTANCE 147 DEG DEPTH 650 KM

MC =4.9

MB=4.2(6) D= 37.7 DEG AZ= 99
34:0N; 59.7E 10KM H=11 55 51:2
34:2N; 59.7E 1KM 11 55 51:4

/4.6(14)/ D= 42.8 DEG AZ=108
26:2N; 59.0E 10KM H=13 19 28
26:0N; 59.2E 10KM 13 19 28:0

MB=5.4(16) D=155.6 DEG AZ= 21
28:0S;176.7W 33KM H=14 54 07:2
28:4S;176.1W 33KM 14 54 06:8

MC =5.3 DISTANCE 156 DEG

MB=5.0(6) D=155.8 DEG AZ= 21
28:2S;176.9W 33KM H=00 16 16:8

MB=4.4(15) D= 37.5 DEG AZ= 99
34:0N; 59.4E 36KM H=00 48 58:4
34:1N; 59.7E 1KM 00 48 53:8

MB=4.9(21) D=148.6 DEG AZ= 17
15:8S;177.9W 449KM H=01 33 23.3

MB=4.3(3) D= 86.1 DEG AZ= 42
31:4N;141.8E 33KM H=04 38 20:1

MB=5.1(6) D=156.0 DEG AZ= 23
28:9S;177.2W 49KM H=10 19 47.4

D=108 KM AZ=171
50:38N;13.24E
DISTANCE 110 KM

1979 NOV 29 VOLCANO ISLANDS REGION
I P 17 21 30.1D 1.4 / 39
E 22 00
I PP 25 19.7 1.1 / 22
E 25 35

1979 NOV 29 CENTRAL YUGOSLAVIA
E 19 36 19
E 36 55
E 37 19
E(SQ) 37 49

1979 NOV 29 SOUTH OF TONGA ISLANDS
E PKP1 19 56 27 1.6 / 27

1979 NOV 29 SOUTH OF FIJI ISLANDS
I PKP1 23 46 21.1D 1.3 / 27
E PKP2 46 31 1.3 / 22
I 46 41.4

1979 NOV 30 TRACES
E 00 17 48

1979 NOV 30 SWITZERLAND
E SG 00 47 37

1979 NOV 30 UNDERGROUND EXPLOSION
I P 05 00 38.2

1979 NOV 30
E 18 53 32

1979 NOV 30 IRAN
I P 20 56 23.1C 1.0 / 12

1979 NOV 30
E 22 47 35

1979 NOV 30 TONGA ISLANDS REGION
I PKP1 23 06 56.2D 1.4 / 29
I PKP2 07 08.9 1.5 / 32

1979 NOV 30 TRACES
E 23 28 16

MB=5.3(57) D= 94.6 DEG AZ= 45
22:4N;143.3E 130KM H=17 08 23.7 (U)
22:4N;143.3E 80KM 17 08 18:0 (M)

NO MB COMR, D= 7.8 DEG AZ=159
43:9N; 16.8E 10KM H=19 33 22.1 (U)
43:8N; 16.9E 10KM 19 33 23.7 (B)

MB=4.9(4) D=152.7 DEG AZ= 18
24:8S;175.9W 33KM H=19 36 53:4 (U)

MB=5.3(8) D=152.6 DEG AZ= 18
24:5S;176.0W 44KM H=23 26 28.7 (U)

NO MB COMR, D= 5.2 DEG AZ=219
47:2N; 8.2E 10KM H=00 44 52:8 (U)

MB=4.5(18) D= 40.2 DEG AZ= 66
49:8N; 78.2E 0KM H=04 52 57.8 (U)

MB=4.5(19) D= 37.9 DEG AZ= 98
34:1N; 60.1E 35KM H=20 49 06.8 (U)
34:2N; 60.3E 33KM 20 49 08.1 (M)

MB=5.0(5) D=155.8 DEG AZ= 19
23:5S;175.0W 47KM H=22 47 06.4 (U)

1979 DEC 01 OFF COAST OF HOKKAIDO, JAPAN MB=4.9(22)
E P 03 01 20 1.4 / 14 D= 78.6 DEG AZ= 32
42.7N 148.3E 33KM H=02 49 20.7 (U)
43.1N 148.4E 33KM 02 49 21.8 (M)

1979 DEC 01 SOUTH PACIFIC CORDILLERA MB=5.5(4)
E PKP2 06 13 16 D=164.7 DEG AZ=241
56.5S 142.5W 10KM H=05 52 14.6 (U)

1979 DEC 01
E 06 41 25

1979 DEC 01
E 10 16 31 MB=4.7(25)

1979 DEC 01 SOUTHERN GREECE D= 15.4 DEG AZ=153
E P 13 38 05 37.2N 21.7E 19KM H=13 38 27.1 (U)
I 38 11.0 1.4 / 105 37.3N 21.7E 41KM 13 38 32.6 (M)
I 38 19.4 37.1N 21.6E 33KM 13 38 26.2 (B)
E 42 56
E B 43.6 T 9 AN 3 AE 4
LMH B 43.6 T 12 AN 2 AV 2.5
L B 45.1

1979 DEC 01
E 13 52 10

1979 DEC 01
E 23 23 49 MB=5.2(41)

1979 DEC 02 SOUTHERN SINKIANG PROV., CHINA D= 53.7 DEG AZ= 72
E P 01 46 31 1.7 / 44 38.5N 90.1E 33KM H=01 37 10.6 (U)
E 48 53 38.9N 90.2E 3KM 01 37 10.4 (M)
I 49 21.5
E PPP 49 37
E S B 54 07
E B 02 05 22
E B 06.6
E B 10 MLH =5.6
LMH B 13 T 13 AN 2.5 AE 2.5 MLV =5.8
LMV B 14 T 16 AV 4.5

1979 DEC 02
E 03 04 36 MB=6.0(85)

1979 DEC 02 UNDERGROUND EXPLOSION MPV =5.9 D= 40.5 DEG AZ= 65
I P 04 44 39.8C 1.2 / 330 0.4 / 100 0.8 / 140 49.9N 78.8E 0KM H=04 36 57.5 (U)
I PN 46 08.0 DISTANCE 40.5 DEG
I PP 46 12.5
E(SCP) 50 25
E SS 53 31
E 54 19
E 55 24
E 55 42
LM B 05 01

1979 DEC 02 TAIWAN REGION MB=5.5(47)
PARTIALLY INTERRUPTED BY PAPER CHANGE D= 83.2 DEG AZ= 62
I P 05 37 40.8C 1.3 / 71 22.9N 121.4E 37KM H=05 28 17.4 (U)
I AP 37 52.1 23.2N 121.6E 33KM 05 28 18.1 (M)
I PP 40 37.0
E B 06 10.9
L B 14
LM B 19 T 14 AN 6.5 AE 7.5 AV 11 MLH =6.3 MLV =6.5

1979 DEC 02 IRAN MB=4.8(9) D= 36.4 DEG AZ=102
E P 06 17 52 33.6N 57.1E 33KM H=06 10 49.2 (U)
E 18 17 33.6N 57.2E 3KM 06 10 45.3 (M)

1979 DEC 02 TAIWAN MB=4.8(4) D= 83.1 DEG AZ= 62
E P 06 28 16 23.0N 121.4E 33KM H=06 15 52.6 (U)

1979 DEC 02 SOUTH OF HONSHU, JAPAN MB=5.0(12) D= 87.4 DEG AZ= 44
E P 07 00 25 29.3N 140.4E 33KM H=06 47 38.4 (U)
30.0N 140.1E 33KM 06 47 44.8 (M)

1979 DEC 02 TAIWAN REGION MB=4.3(7) D= 83.2 DEG AZ= 62
E P 08 58 50 22.9N 121.4E 26KM H=08 46 21.7 (U)

1979 DEC 02 NEAR EAST COAST OF HONSHU, JAPAN MB=4.8(9) D= 81.9 DEG AZ= 40
E P 09 57 16 D 36.2N 142.6E 33KM H=09 48 58.8 (U)
36.4N 142.4E 33KM 09 48 59.6 (M)

1979 DEC 02 TRACES, EXPLOSION OF 10 TONS, NORTHWESTERN CZECHOSLOVAKIA D=143 KM AZ=203
I PG 10 01 30.8 50.12N 12.23E
I SG 01 48.2

1979 DEC 02 TAIWAN REGION
E P 19 22 08 MB=4.8(16) D= 88.2 DEG AZ= 62
LM B 20 03 22.9N 121.4E 26KM H=19 09 43.4 (U)
23.4N 122.3E 33KM 19 09 47.8 (M)

1979 DEC 02 ALBANIA
E SG 22 50 30 MB=4.2(4) D= 15.8 DEG AZ=155
41.3N 19.6E 10KM H=22 49 10.4 (U)
41.4N 19.7E 10KM 22 49 14.1 (M)
41.4N 19.4E 33KM 22 49 13.8 (B)

1979 DEC 03 FIJI ISLANDS REGION
I PKP1 02 43 07.9D 1.0 / 32 MB=4.8(7) D=147.2 DEG AZ= 21
I PKP2 43 12.3C 1.0 / 21 19.9S 179.1W 509KM H=02 28 29.1 (U)
MC =4.5

1979 DEC 03 WESTERN AUSTRIA NO MB COMP, D= 4.1 DEG AZ=195
I SN 03 36 46.2 47.3N 11.4E 5KM H=03 36 54.8 (U)
E SG 37 07 47.4N 11.4E 28KM 03 36 58.9 (B)

1979 DEC 03 FIJI ISLANDS REGION MB=5.2(18) D=145.6 DEG AZ= 20
I PKP1 04 19 13.0 1.4 / 40 18.1S 178.5W 605KM H=04 00 39.9 (U)
I 19 23.2

1979 DEC 03 TRACES, SOUTHERN IRAN MB=4.6(3) D= 44.1 DEG AZ=106
E(P) 09 55 28 26.4N 61.4E 33KM H=09 47 25.5 (U)

1979 DEC 04 SOUTH PACIFIC CORDILLERA MB=4.5(2) D=156.9 DEG AZ=244
E PKIKP 00 10 56 55.5S 128.6W 10KM H=23 51 01.2 (U)
E PKP1 11 09 2.1 / 55
E PP 15 19
LM B 01 27

1979 DEC 04 TRACES, BEAUFORT SEA MB=4.5(7) D= 55.7 DEG AZ=348
E AP 01 03 45 71.2N 135.0W 10KM H=00 53 58.7 (U)

1979 DEC 04 SOUTH INDIAN OCEAN MB=5.1(8) D= 91.1 DEG AZ=132
E P 01 57 48 25.9S 68.6E 10KM H=01 44 42.8 (U)
E 02 02 07 25.9S 68.2E 3KM 01 44 42.7 (M)

1979 DEC 04 TRACES, NORTH ATLANTIC OCEAN /4.3(8)/ D= 29.1 DEG AZ=293
E P 07 19 08 53.2N 35.2W 33KM H=07 13 10.0 (I)

1979 DEC 04 TRACES, NORTH ATLANTIC OCEAN MB=4.3(8) D= 29.0 DEG AZ=293
E P 07 35 46 53.5N 35.2W 10KM H=07 29 45.7 (U)

1979 DEC 04 NORTH ATLANTIC OCEAN MB=4.7(8) D= 28.8 DEG AZ=295
E P 07 41 25 54.2N 35.0W 10KM H=07 35 19.8 (U)

1979 DEC 04 UGANDA MB=5.0(32) D= 51.7 DEG AZ=156
E P 07 43 50 1.5 / 41 1.8N 31.3E 33KM H=07 34 44.8 (U)
E AP 44 02 2.0N 31.5E 33KM 07 34 46.6 (M)
E 45 04
E PP 45 32

1979 DEC 04
E 08 55 33

1979 DEC 04
E 11 59 05

1979 DEC 04 UNIMAK ISLAND REGION MB=5.0(44) D= 75.3 DEG AZ=358
I P 12 13 01.5D 1.4 / 29 53.7N 164.0W 39KM H=12 01 21.2 (U)
E 13 26 53.8N 164.3W 62KM 12 01 24.2 (M)

1979 DEC 04
I(P) 12 30 04.5

1979 DEC 04 ECUADOR MB=4.7(8) D= 93.2 DEG AZ=270
E P 13 00 38 2.7S 78.7W 110KM H=12 47 58.4 (U)

1979 DEC 04
I P 14 10 42.9C

1979 DEC 04 FIJI ISLANDS REGION /5.5(1)/ D=147.7 DEG AZ= 20
I PKP1 15 22 24.8C 1.1 / 21 20.2S 178.1W (33KM H=15 02 32) (I)

1979 DEC 04 SOUTH OF KERMADEC ISLANDS MB=5.2(8) D=159.9 DEG AZ= 29
E 18 57 24 33.1S 178.6W 33KM H=18 37 14.9 (U)
I PKP2 57 50.3D 33.1S 178.2W 95KM 18 37 19.0 (M)
E 59 29
E PP 19 01 32

1979 DEC 05 LOYALTY ISLANDS REGION /4.5(1)/ D=149.2 DEG AZ= 39
I PKP 07 44 40.8 1.2 / 30 21.4S 170.1E 119KM H=07 29 18 (I)

1979 DEC 05 TAJIK SSR MB=4.2(16) D= 45.3 DEG AZ= 85
I P 08 50 19.2C 37.4N 72.1E 145KM H=08 42 26.2 (U)
37.4N 72.1E 120KM 08 42 24.9 (M)

1979 DEC 05 TONGA ISLANDS MB=5.3(7) D=147.7 DEG AZ= 14
E PKP1 19 20 43 1.6 / 50 19.6S 175.0W 33KM H=19 01 00.7 (U)
E 21 33

1979 DEC 05 FIJI ISLANDS REGION /4.7(5)/ D=148.2 DEG AZ= 21
I PKP1 21 34 06.9D 20.8S 178.6W 528KM H=21 19 18 (I)

1979 DEC 05 MINDANAO, PHILIPPINE ISLANDS MB=5.2(12) D= 98.1 DEG AZ= 69
E(P) 23 17 36 6.3N 124.3E 509KM H=23 08 56.0 (U)
E APP 21 51 4.4N 124.7E 31KM 23 08 57.3 (M)

1979 DEC 06 LOYALTY ISLANDS REGION MB=5.0(1) D=146.8 DEG AZ= 41
E PKP1 03 40 04 23.1S 170.2E 33KM H=03 20 20.8 (U)

1979 DEC 06 MOLUCCA PASSAGE MB=5.6(32) D=102.3 DEG AZ= 70
E P 07 20 20 1.4 / 18 2.5N 126.1E 68KM H=07 06 30.8 (U)
E 24 07 2.3N 125.9E 66KM 07 06 31.4 (M)
E PP 24 38

1979 DEC 06 TONGA ISLANDS MB=4.7(6) D=145.1 DEG AZ= 13
I PKP 09 41 17.3C 2.1 / 40 16.9S 174.7W 224KM H=09 22 05.9 (U)

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                                                                  MB=5,2(39)      D= 62,7 DEG  AZ= 75
1979 DEC 06   TIBET                                                               30;0N; 95.4E   33KM H=09 48 57;0 (U)
I P         09 59 20;8D                                                           30;3N; 95.4E   33KM    09 48 59;8 (M)


1979 DEC 06
E P         11 03 28    1.3 /   19

1979 DEC 06
E           17 19 26

1979 DEC 06
E           18 57 30

1979 DEC 06   TRACES; OFF EAST COAST OF HONSHU, JAPAN                MB=4,7( 7)      D= 79,4 DEG  AZ= 35
I P         20 10 33.2                                                            40;5N;144.9E   33KM H=19 58 29;7 (U)

                                                                  MB=4,6( 1)      D=157,3 DEG  AZ= 24
1979 DEC 06   KERMADEC ISLANDS                                                    30;0S;177.4W   33KM H=23 10 33;4 (U)
E(PKP2)     23 30 54

1979 DEC 06
E           23 53 14

1979 DEC 07
E           01 03 50

1979 DEC 07
E           03 12 50

1979 DEC 07   POLAND, UPPER SILESIA
E           07 35 55
E             36 13

1979 DEC 07   TRACES, EXPLOSION; SOUTHEASTERN AUSTRIA
              ERZBERG, STEIERMARK
E SG        08 55 27

1979 DEC 07   IRAN                                                 MB=5,8(46)      D= 37,8 DEG  AZ= 99
I P       AB 09 31 15.8  2.4 /  470  2.2 /  120  2.2 /  170                      34;0N; 59.8E   31KM H=09 28 00;2 (U)
                         T  5            AE   0,8 AV  1,6   MPV  =6.0           34;3N; 59.9E   65KM    09 28 06;6 (B)
I             31 19.9                                                           34;3N; 60.0E    3KM    09 28 56;7 (M)
I             31 38.2                                                           DISTANCE  38 DEG
E PP      AB  32 45
I         AB  32 55.0
E S        B  37 08    T 12   AN   3.2 AE   2,7            MSH  =6.1
E SS       B  39 50
E SCS      B  41 28
  L        B  46
  LMH      B  50       T 16   AN  21  AE   7  AV   5      MLH  =6.1
  LMV      B  53       T 16   AN   9  AE   8  AV  10      MLV  =5.8
  FINAL   11

1979 DEC 07   IRAN                                                 MB=4,8(17)      D= 37,8 DEG  AZ= 99
I P         10 02 06.0D 0.9 /   17                                                34;0N; 59.9E   27KM H=09 54 49;6 (U)
                                                                                  34;0N; 60.2E   10KM    09 54 47;6 (B)
                                                                                  34;6N; 60.1E    3KM    09 54 48;9 (M)

1979 DEC 07   IRAN                                                 MB=4,6(13)      D= 37,7 DEG  AZ= 99
E P         10 52 22                                                              34;1N; 59.8E   33KM H=10 49 58,9 (U)
                                                                                  34;3N; 60.1E   46KM    10 49 11;2 (B)
                                                                                  34;4N; 60.1E   33KM    10 49 08.1 (M)

1979 DEC 07
E           11 35 42
E             36 09

1979 DEC 07
E           16 16 55

1979 DEC 07   BANDA SEA                                                          D=110,5 DEG  AZ= 72
E           16 32 06                                            MB=5,5(24)      5;1S;129.8E   33KM H=16 18 44;0 (U)
                                                                                  4;0S;129.6E   60KM    16 18 53;4 (B)

1979 DEC 07
E           17 11 27

1979 DEC 08   SICILY
E P       AB 04 09 39    2.1 /  240                                             D= 13,0 DEG  AZ=185
I PP          09 50.0    1.8 /  380  1.8 /  150  1.7 /   90   MB=5,4(40)      38;3N; 11.7E   33KM H=04 06 34;0 (U)
E         AB  11 00                                                             38;2N; 11.8E   10KM    04 06 35;1 (B)
I(S)          12 15.0                                                           38;2N; 11.6E    3KM    04 06 29;9 (M)
I(SS)      B  12 33                                                             DISTANCE  16 DEG
E LI       B  13 10
  LH       B  14.1     T 14   AN   3  AE   9,5
  LN       B  15       T 18   AN   8  AE   8
  FINAL   05                                  AV  10      MLH  =5.1

1979 DEC 08   NORTHERN ITALY                    FRIULI
E           08 34 43                                            NO MB COMR;     D=  4,9 DEG  AZ=178
E SG          34 48                                                             46;4N; 13.2E   10KM H=08 32 12;1 (U)

1979 DEC 08   NEW HEBRIDES ISLANDS
E PKP       08 50 48    2.7 /   24
E PP          54 04                                             MB=5,6(27)      D=130,4 DEG  AZ= 38
                                                                                  15;8S;168.3E   34KM H=08 32 33;7 (U)
1979 DEC 08   CARLSBERG RIDGE                                                     15;8S;168.2E    3KM    08 32 28;8 (M)
E P         11 53 47
                                                                  MB=5,1( 2)      D= 64,9 DEG  AZ=119
                                                                                   3;2N; 65.6E   10KM H=14 48 04;7 (U)
                                                                                   3;2N; 65.9E   33KM    14 48 06;4 (M)
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1979 DEC 08   MARIANA ISLANDS REGION                              MB=5,5(29)      D=102,0 DEG  AZ= 45
E PP        13 16 39                                                              19;9N;147.1E   43KM H=12 58 54;2 (U)
                                                                                  16;1N;147.0E   55KM    12 58 56;7 (M)

1979 DEC 08   FIJI ISLANDS REGION                                 MB=5,0(15)      D=148,3 DEG  AZ= 21
I PKP1      20 23 34.0D 1.0 /   25                                                20;9S;178.8W  592KM H=20 08 53;2 (U)

1979 DEC 08   JAN MAYEN ISLAND REGION                             MB=4,5(12)      D= 21,9 DEG  AZ=343
E P         20 47 08    1.9 /   38                                               71;2N;  7.0W   10KM H=20 42 13;8 (U)
  L        B  57                                                                 71;2N;  7.0W   10KM    20 42 16;6 (B)
                                                                                  70;8N;  5.2W   33KM    20 42 23;8 (M)

1979 DEC 08   MID-INDIAN RISE                                     MB=5,0(10)      D= 76,2 DEG  AZ=125
I P         23 35 42.0C 2.6 /   84                                                 9;4S;  67.0E   10KM H=23 23 50;4 (U)
                                                                                   7;9S;  67.4E    3KM    23 23 58;4 (M)

1979 DEC 09   SOUTH OF FIJI ISLANDS                              MB=5,0( 5)      D=150,5 DEG  AZ= 26
I PKP1      01 28 12.6D 1.0 /   25                                                23;7S;179.4E  499KM H=01 09 18.2 (U)

1979 DEC 09   CENTRAL YUGOSLAVIA                                  MB=4,3( 1)      D=  9,2 DEG  AZ=147
E           03 11 07                                                              43;4N;  19.9E   10KM H=03 06 39.4 (U)
E SG          11 44                                                               43;4N;  19.9E   10KM    03 06 41;1 (B)
E             12 57                                                               43;6N;  20.0E   33KM    03 06 43;3 (M)

1979 DEC 09   SOUTHEASTERN ALASKA                                 MB=4,9(21)      D= 66,8 DEG  AZ=346
I P         07 14 40.3D                                                           60;3N;140.9W   15KM H=07 03 48;4 (U)
                                                                                  58;7N;141.9W   33KM    07 03 40.6 (M)

1979 DEC 09   POLAND, UPPER SILESIA                                                                        (P)
E PG        08 30 12
E SG          31 03                                                             DISTANCE   3;9 DEG

1979 DEC 09   IRAN                                                 MB=5,2(37)      D= 35,2 DEG  AZ=100
I P       AB 09 18 59.4D 2.8 /  300                                             35,1N; 56.8E   48KM H=09 12 06;8 (U)
E AP          19 06                                                             35;1N; 56.9E   10KM    09 12 04.5 (B)
I PCP         21 33.5  1.5 /   39                                               35;0N; 57.0E    3KM    09 11 59.4 (M)
E S        B  24 32                                                             DISTANCE  35 DEG
  LH       B  38       T 14   AN   2.5 AE   1  AV   1      MLH  =5.1 MLV  =4.9

1979 DEC 09   RYUKYU ISLANDS                                                                               (U)
  L        B 11 03

1979 DEC 09   SANTA CRUZ ISLANDS                                  MB=5,3(27)      D=135,9 DEG  AZ= 39
E(PKP)      13 26 01                                                              12;7S;166.6E   98KM H=13 06 53;6 (U)
E APKP        26 26                                                               12;6S;166.7E   33KM    13 06 45.8 (M)
E SKP         29 30

1979 DEC 09   TRACES; SICILY                                      MB=4,3( 3)      D= 13,0 DEG  AZ=185
E P         14 56 46                                                              38,3N; 11.6E   10KM H=14 53 34.9 (U)
                                                                                  38;2N; 11.7E   10KM    14 53 36;8 (B)

1979 DEC 09   SOUTH OF FIJI ISLANDS                              MB=5,4(19)      D=145,2 DEG  AZ= 29
I PKP     AB 16 52 38.9D 1.3 /  260  1.1 /   34  1.5 /   72                     19;2S;175.8E   33KM H=16 33 03;9 (U)
I             52 41.7                                                           18;9S;175.4E   33KM    16 33 05;1 (M)
I APKP        52 46.4

1979 DEC 09   TONGA ISLANDS REGION                               MB=5,1( 4)      D=151,8 DEG  AZ= 17
I PKP1      21 51 36.0C 1.3 /   23                                                23;9S;175.7W   33KM H=21 31 42.5 (U)

1979 DEC 09   FOX ISLANDS, ALEUTIAN ISLANDS                      MB=5,4(65)      D= 76,0 DEG  AZ=  2
I P         22 37 27.0D 1.8 /   68                                                53;0N;170.2W  102KM H=22 25 50;7 (U)
E AP          37 59                                                               52;4N;170.0W   62KM    22 25 42;1 (M)

1979 DEC 10   CRETE                                               MB=4,4(13)      D= 17,9 DEG  AZ=152
I P         01 16 39.0  1.2 /   32                                                35;0N; 23.1E   45KM H=01 12 30.2 (U)
E             16 47                                                               35;0N; 23.1E   45KM    01 12 32.9 (B)
                                                                                  34;9N; 23.2E   33KM    01 12 28;8 (M)

1979 DEC 10   MEXICO-GUATEMALA BORDER REGION                     MB=4,9(28)      D= 87,1 DEG  AZ=291
I AP        06 26 51.7  1.6 /   84                                                15;2N; 91.5W  185KM H=06 15 43;1 (U)

1979 DEC 10   AEGEAN SEA                                         NO MB COMR;     D= 13,9 DEG  AZ=145
E           21 33 40                                                              39;4N; 23.2E   10KM H=21 30 03;6 (U)
                                                                                  39;1N; 23.2E   10KM    21 30 01;0 (B)

1979 DEC 11   QUESTIONABLE EVENT
E           13 09 16

1979 DEC 11   EXPLOSION OF 7;0 TONS; GERMAN DEMOCRATIC REPUBLIC                 D= 10 KM  AZ=311
I PG        13 32 14.8                                                          51;37N;12.89E
I         AB  32 16.9
I             32 41

1979 DEC 11   BONIN ISLANDS REGION                               MB=6,1(79)      D= 87,8 DEG  AZ= 44
I P(1)    AB 17 38 54.9D 2.9 /  330                                             28;9N;140.7E  110KM H=17 26 16;8 (U)
I P(2)        39 00.0 (2.0 /  790)                                              29;2N;140.3E  120KM    17 26 19;6 (M)
E          B  39 54                                                             DISTANCE  88 DEG   DEPTH INTERMEDIATE
E PP(2)    B  42 30                                                             MULTIPLE SHOCK,
E          B  43 31                                                             MB IS AN INADEQUATE VALUE
E SKS     AB  49 07
E S       AB  49 25    T  6   AN   2,5 AE  10,0            MSH  =7.2
I SCS         49 30.4
E XS      AB  50 23
E SS       B  55.2
E SKKP        00 08    2.4 /   89
E          B  02.2
E PKPPKP      04 48
E             05 34
(CONT.)
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(CONT.)

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E              18 07 52
E SKPPKP       08 13
I              08 30.5
  LH       B   13          T 22   AN   9   AE  11              MLH  M6.5  (NO DEPTH CORRECTION)
  LMH      B   18          T 16   AN  12   AE   9              MLV  M6.2  (NO DEPTH CORRECTION)
  LMV      B   22          T 17   AN   6   AE  3.5 AV   7.5
  FINAL    19
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1979 DEC 11
E              23 31 56                                                    D=430 KM  AZ=102
                                                                           50.35N 18.91E
1979 DEC 12    POLAND, UPPER SILESIA                                                        H=01 9[illegible] 30.7 (
E              01 53 19
E              53 54
E SQ           53 41
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1979 DEC 12    WESTERN POLAND                                              DISTANCE 220 KM
E PG           02 30 26
E SG           30 52
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1979 DEC 12    CENTRAL YUGOSLAVIA                                          D=  7.7 DEG  AZ=160
E SG           05 59 13                                                    44.0N  16.6E
                                                                                        H=05 59 12.5
                                                                                                  (IN
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1979 DEC 12    SOUTHEASTERN AUSTRIA                                        D=  4.1 DEG  AZ=160
E SG           07 22 26                                                    47.4N  15.1E
                                                                                        H=07 20 12
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1979 DEC 12    NEAR COAST OF ECUADOR                                                    MB=6.4(57)
I P(1)   AB 08 12 03.7C 2.1 /  180  2.2 /  135  2.1 /  430              MPV  M6.1
E P(2)   AB    12 11    2.2 /  790                                      MPV  M6.6 MPH  M6.8
               T 8                  AE   5.4 AV  15.3                  MPV  M7.3
I P(3)   AB    12 20.4
I P(4)   AB    12 23.0  2.9 / 4000  2.3 /  310  2.7 / 1400             MPV  M7.2 MPH  M7.1
E P(5)   AB    12 31    3.5 / 7000                                      MPV  M7.3
I P(6)   AB    12 41    T 14   AN   7.0 AE  26.4 AV  72               MPH  M7.6 MPV  M7.7
I P(7)         12 50.9
I P(8)         12 57.2  2.0 /(2900) 2.0 /  740  2.0 /(1200)          MPV  M7.2 MPH  M7.2
I              13 11
E          B   13 24
E              13 31
I              13 41.0
E          B   15 20
E PP(4)        15 58
E PP(6)    B   16 08    T 12   AN   7.7 AE  28.6 AV  56.5             MPPH M7.8 MPPV M7.9
I              17 21.8
E SKS(4)  AB   22 50
E SKS(6)  AB   23 08    T 15   AN( 14)  AE  78
E S(6)    AB   23 40
E              23 50
E PS(1)   AB   24 04
E PS(4)        24 26
E PS(6)   AB   24 39
E PPS(4)   B   24 54
E              25 30
E          B   26.1
E SS(6)    B   30.0
  LH       B   38          T 40   AN 730
E PKPPKP(6)    38 32
  LMH      B   46          T(23)  AN(240)  AE(650)                     MAG  M8.1
  LH       B   53          T(18)  AN(215)  AE(290)
  FINAL    13
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1979 DEC 12
E P            08 23 30

1979 DEC 12
E              08 45 25

1979 DEC 12    NEAR WEST BOAST OF COLOMBIA                                              MB=5.7(21)
E P            08 46 46  2.4 /  610                                                    D=  80.0 DEG  AZ=273
E PP           50 13                                                                   2.8N  78.8W   33KM H=08 33 52.4 (

1979 DEC 12    AFGHANISTAN-USSR BORDER REGION                                           MB=5.0(20)
I P            10 11 32.9C 0.8 /    9                                                  D=  43.1 DEG  AZ=  86
E(PP)          13 23                                                                   37.0N  71.3E   72KM H=10 03 38.3 (
                                                                                       37.3N  71.9E   90KM   10 03 41.4 (M

1979 DEC 12    TRACES
E              10 39 20

1979 DEC 12    TRACES; SOUTH OF PANAMA                                                  MB=5.2( 8)
E P            12 06 46                                                                D=  89.7 DEG  AZ=273
                                                                                       2.4N  79.4W   33KM H=11 55 49.6 (

1979 DEC 12    FIJI ISLANDS REGION                                                                /4.0( 1)/ D=144.7 DEG  AZ=  18
I PKP          13 37 58.3C 0.9 /   19                                                  17.0S 177.9W  323KM H=15 19 02.3 (

1979 DEC 12    KERMADEC ISLANDS REGION                                                  MB=5.0( 2)
E PKP1         16 52 37                                                                D=157.1 DEG  AZ=  29
I PKP2         52 58.3C 1.4 /   40                                                     30.4S 179.6W  300KM H=16 35 15.1 (

1979 DEC 12    FIJI ISLANDS REGION                                                      MB=5.1(21)
I PKP          16 58 37.8C 1.2 /   40                                                  D=148.8 DEG  AZ=  19
E APKP         17 00 38                                                                18.2S 178.2W  458KM H=16 40 10.2 (

1979 DEC 12    TRACES; SOUTH OF PANAMA                                                  MB=5.0( 4)
E P            18 01 53                                                                D=  88.8 DEG  AZ=273
                                                                                       3.7N  78.3W   33KM H=17 40 09.6 (
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1979 DEC 12
E              19 51 44

1979 DEC 12    WESTERN POLAND                                              NO MB COMP,      D=222 KM  AZ=  85
E PN           21 19 28                                                                    51.4N  16.1E        H=21 18 51.1  (P)
I PG           19 31.2                                                                     (51.3N  16.0E   10KM   21 18 55.1 (U))
I              19 35.0
I(SG)          19 59.8

1979 DEC 13
E P            00 52 43

1979 DEC 13
E              01 21 09

1979 DEC 13    NEW HEBRIDES ISLANDS                                        MB=4.9(13)       D=136.6 DEG  AZ=  38
I PKP          01 29 55.4D 2.1 /   25                                                      13.2S 167.0E  194KM H=01 10 52.7 (U)
                                                                                           13.3S 167.1E   33KM   01 10 54.4 (M)

1979 DEC 13    SOUTH OF PANAMA                                             MB=5.4(60)       D=  87.9 DEG  AZ=276
I P            02 56 26.7C 1.7 /  130                                                      5.5N  80.5W   33KM H=02 43 37.9 (U)
E AR           56 36                                                                       5.4N  80.1W    3KM   02 43 34.9 (M)
E(PP)          03 00 05

1979 DEC 13    SOUTH OF PANAMA                                             MB=5.0(12)       D=  89.4 DEG  AZ=273
E P            05 50 42                                                                    2.6N  79.2W   33KM H=05 37 47.8 (U)
E              51 08
E          B   06 01.9
  L        B   39

1979 DEC 13    CENTRAL ITALY                                               NO MB COMP;      D=  8.5 DEG  AZ=181
I PN           16 02 50.2D                                                                 42.8N  12.9E   33KM H=16 00 45.2 (U)
E              03 15                                                                       42.9N  13.0E   10KM   16 00 45.8 (B)
E              04 02
E SN           04 20
E              05 14
E L            05 41

1979 DEC 13    CENTRAL ITALY                                               MB=3.7( 1)       D=  8.5 DEG  AZ=180
E SN           16 34 08                                                                    42.8N  13.0E   33KM H=16 30 31.9 (U)
E SG           35 16                                                                       42.8N  13.0E   10KM   16 30 31.9 (B)

1979 DEC 13    CENTRAL ITALY                                                            D=  8.5 DEG  AZ=180
E SN           17 52 28                                                                    42.8N  13.1E   10KM H(17 48 41.3)(B)
E              52 49
E SG           53 34

1979 DEC 13    LOYALTY ISLANDS REGION                                      MB=5.5(16)       D=145.7 DEG  AZ=  40
I PKP          23 18 41.0D 1.1 /  130                                                      22.0S 170.1E   33KM H=22 59 04.0 (U)
I              18 46.1                                                                     21.5S 169.6E    3KM   22 59 01.4 (M)
I APKP         18 53.1
I XPKP         18 59.2

1979 DEC 14    SOUTH OF ALASKA                                             MB=4.8(11)       D=  76.6 DEG  AZ=358
E P            03 07 15                                                                    52.4N 163.8W   33KM H=02 55 26.5 (U)
                                                                                           52.6N 164.0W   33KM   02 55 28.8 (M)

1979 DEC 14    KURILE ISLANDS REGION                                       MB=4.9( 1)       D=  78.0 DEG  AZ=  31
I P            03 21 24.9D                                                                 43.5N 148.5E   92KM H=03 09 35.2 (U)

1979 DEC 14    CENTRAL ITALY                                               NO MB COMP,      D=  8.6 DEG  AZ=161
E PG           03 44 12                                                                    42.7N  12.9E  ( 63KM)H=03 41 23.1 (U)
E SN           45 00                                                                       42.7N  12.9E   10KM   03 41 23.1 (B)
E SG           46 11

1979 DEC 14    WESTERN POLAND
E PG           04 34 37
E SG           35 02

1979 DEC 14    LOYALTY ISLANDS REGION                                      MB=5.0( 1)       D=146.0 DEG  AZ=  40
I PKP          04 54 37.3C 0.7 /   22                                                      22.2S 170.2E   56KM H=04 35 24.7 (U)

1979 DEC 14    TRACES; SOUTH OF PANAMA                                     MB=4.9(12)       D=  89.3 DEG  AZ=273
E P            06 27 08                                                                    2.5N  79.0W   33KM H=06 14 12.0 (U)

1979 DEC 14    SOUTH OF PANAMA                                             MB=5.2(20)       D=  89.3 DEG  AZ=273
E P            06 29 01                                                                    2.5N  79.0W   33KM H=06 16 05.8 (U)

1979 DEC 14    HOKKAIDO, JAPAN, REGION                                     MB=5.5(66)       D=  77.2 DEG  AZ=  35
I P            07 31 00.0D 1.1 /   87                                                      42.8N 144.3E   67KM H=07 19 14.3 (U)
E AR           31 17                                                                       43.0N 144.3E   63KM   07 19 14.2 (M)

1979 DEC 14    MINDORO, PHILIPPINE ISLANDS                                 MB=5.0(18)       D=  90.2 DEG  AZ=  68
E AR           09 02 06                                                                    13.6N 120.7E   96KM H=08 48 53.3 (U)
                                                                                           13.4N 121.1E   64KM   08 48 47.1 (M)

1979 DEC 14    YUGOSLAVIA-ALBANIA COAST REG. **                            MB=3.7( 2)       D=  9.8 DEG  AZ=154
E              09 12 37                                                                    42.3N  18.7E   10KM H=09 08 52.8 (U)
E              13 37                                                                       42.2N  18.7E   10KM   09 08 55.2 (B)
E              14 11
E SG           14 20

1979 DEC 14    CENTRAL ITALY                                               MB=3.8( 1)       D=  8.8 DEG  AZ=180
E              21 35 56                                                                    42.7N  13.0E   44KM H=21 32 56.2 (U)
E              36 32                                                                       42.7N  12.9E   10KM   21 32 56.3 (B)
E              37 02
E              37 43
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                                                                                    MB=5,8(34)
1979 DEC 15   SOUTHERN SUMATERA                                                     D= 92,4 DEG  AZ= 92
E P(2)    AB 00 15 54   2.3 /  300  CLL  ( P(1) MASKED BY MICROSEISMS )            3,3S;102,7E   33KM H=00 02 41;6 (
E PP              19 35                                                           2,1S;102,9E    3KM    00 02 43;6 (
E                 21 56                                                         DISTANCE  93 DEG
E SKS             26 25                                                         MULTIPLE SHOCK,
E S           AB  26 53                                                         MB IS AN INADEQUATE VALUE
E                 29,7
E SS              33 14
  L               52          T 22   AN  25,5 AE  12   AV   7,5
  L               56          T 20   AN  19    AE  19,5 AV  16,5   MLH  =6,7
  LMH       B 01 01           T 16   AN  17,5 AE  13   AV  15      MLV  =6,6
  LMV       B    06
  FINAL         02

1979 DEC 15                                                                         D=  8,5 DEG  AZ=180
I P               04 50 57,3C                                                       42;8N; 13,0E   16KM H=07 51 30;4 (
                                                                                                                    (LG
1979 DEC 15   CENTRAL ITALY                                                         D= 77,0 DEG  AZ= 31
E SG              07 56 18                                                          44;5N;148,3E   51KM H=13 46 12;0 (
                                                                    MB=5,1(15)      44;6N;148,2E   63KM    13 46 13;9 (

1979 DEC 15   KURILE ISLANDS                                                       D= 83,2 DEG  AZ= 57
I P               13 58 00,3C                                                       25;4N;125,2E  110KM H=17 44 09;6 (
                                                                    MB=5,0(23)      26;0N;125,3E   33KM    17 44 03;1 (

1979 DEC 15   SOUTHWESTERN RYUKYU ISLANDS                                         D=  8,6 DEG  AZ=180
I P               17 56 25,4C 1,0 /   34                                          42;7N; 13,0E   10KM H=19 18 16;0 (
                                                                    NO MB COMP,     42;7N; 13,1E   10KM    19 18 18;3 (

1979 DEC 15   CENTRAL ITALY                                                       D=  8,5 DEG  AZ=180
E             19 22 03                                                          42;8N; 13,0E   10KM H=19 53 54;5 (
E L               23 15                                                         42;8N; 12,9E   10KM    19 53 56;5 (
                                                                    NO MB COMP,

1979 DEC 15   CENTRAL ITALY
E SG          19 57 33
E                 57 50
E SG              58 44

1979 DEC 15   NEAR WEST COAST OF COLOMBIA                           MB=5,0( 8)     D= 88,9 DEG  AZ=273
E             20 14 50                                                            2;9N; 78,8W   33KM H=20 01 50;9 (

1979 DEC 15   CENTRAL ITALY                                                       D=  8,6 DEG  AZ=181
E             20 21 36                                                          42;7N; 12,9E   33KM H=20 17 18;6 (
E SG              22 06                                                         42;7N; 13,0E   10KM    20 17 18;4 (
E                 22 19

1979 DEC 15   OFF COAST OF HOKKAIDO, JAPAN                          MB=4,8(12)     D= 77,9 DEG  AZ= 33
I P           22 51 31,4C 0,9 /   17                                              42;9N;146,7E   33KM H=22 39 35;9 (
E                 51 42                                                         43;3N;146,9E   63KM    22 39 40;1 (

1979 DEC 16   FRANCE                                                             D=  7,5 DEG  AZ=217
E SG          01 22 04                                                          45;1N;  6,6E   10KM H=01 17 45;4 (

1979 DEC 16   TRACES; ASCENSION ISLAND REGION                   MB=5,1( 6)      D= 61,9 DEG  AZ=209
E(P)          07 29 21                                                           6;8S; 12,6W   10KM H=07 18 54;1 (

1979 DEC 16   FIJI ISLANDS REGION                               MB=4,8( 9)      D=146,5 DEG  AZ= 19
I PKP1        13 23 35,0C 0,9 /   49                                            18;8S;177,7W  508KM H=13 04 51;2 (
                                                                                18;8S;176,7W   33KM    13 03 58;5 (

1979 DEC 16   TRACES
E             20 04 49

1979 DEC 16   TONGA ISLANDS                                     MB=5,3(13)      D=148,7 DEG  AZ= 12
I PKP1        21 47 42,1C                                                       20;4S;173,7W   39KM H=21 27 56;8 (
I APKP            47 53,2                                                       19;3S;174,8W   33KM    21 28 03;6 (

1979 DEC 16   IRAN                                                              D= 37,5 DEG  AZ= 99
I P           22 42 53,3  1,1 /   16                    MB=5,0(28)              34;0N; 59,3E   33KM H=22 35 40;0 (
I                 42 57,9  2,3 /  130                                          34;0N; 59,6E   37KM    22 35 40;9 (
E PP              44 22                                                         34;1N; 59,5E    3KM    22 35 35;3 (
E PPP             45 16

1979 DEC 16   NEAR EAST COAST OF HONSHU, JAPAN                  MB=4,8( 6)      D= 81,2 DEG  AZ= 40
I P           23 35 58,6C 0,8 /   13                                            36;5N;140,6E   66KM H=23 23 48;4 (

1979 DEC 17
E             01 07 34

1979 DEC 17   KERMADEC ISLANDS REGION                           MB=5,1( 8)      D=155,9 DEG  AZ= 22
I PKP2        01 53 32,6C                                                       28;3S;176,8W   33KM H=01 33 14;8 (

1979 DEC 17
E             05 04 15

1979 DEC 17   EXPLOSION OF 18,8 TONS; NORTHERN CZECHOSLOVAKIA                    D=122 KM  AZ=118
I P           09 00 59,4                                                        50;79N;14,53E
I S           09 01 15,2                                                        DISTANCE 130 KM
I L           09 01 28,3
E L           09 01 34

1979 DEC 17
E P           19 47 33
E                 56 39

1979 DEC 17   BALI ISLANDS REGION
E             20 16 06
E PP      AB      16 55                                MB=5,6(27)              D=104,6 DEG  AZ= 85
E PPP      B      19 08                                                         8;4S;115,9E   33KM H=19 58 23;6 (
E                 19 26                                                         8;0S;115,7E  100KM    19 58 32;8 (
E                 21 15
E S        B      22,7
E S        B      24,3
(CONT.)
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(CONT.)

E PS       B 20 26,0
E SS       B    31,7
E SSS      B    36,0
  LMH      B    58        T 22   AN  12   AE   5,5              MLH  =6,4
  LMV      B 21 05        T 20   AN   3   AE   9   AV  11,5     MLV  =6,4

1979 DEC 17   TRACES
E             21 24 17

1979 DEC 18   TRACES
E             00 28 20

1979 DEC 18   FIJI ISLANDS REGION                                MB=4,6( 9)      D=144,8 DEG  AZ= 20
I PKP1        09 05 40,4C                                                       17;4S;179,0W  609KM H=08 47 08;6 (U)

1979 DEC 18   NEAR COAST OF NICARAGUA                             MB=5,5(23)      D= 87,1 DEG  AZ=284
E AP          10 50 48                                                          11;4N; 86,5W   68KM H=10 37 57;8 (U)
E                 54 40
  LM       B 11 28        T 18   AN   2   AE   4   AV   4     MLH  =6,0 MLV  =6,0 (NO DEPTH CORRECTION)

1979 DEC 19   NEAR EAST COAST OF HONSHU, JAPAN                    MB=4,9(21)      D= 81,9 DEG  AZ= 40
I P           11 53 57,2  1,1 /   27                                            36;4N;141,1E   52KM H=11 41 43;9 (U)
E AP              54 09                                                         37;0N;140,9E   64KM    11 41 48;6 (M)

1979 DEC 19
E             18 18 30

1979 DEC 19   WESTERN POLAND
E(PG)         21 23 40
E SG              24 03

1979 DEC 20   TRACES; IRAN                                        MB=4,5( 6)      D= 36,9 DEG  AZ=102
E P           00 40 58                                                          33;2N; 57,5E   10KM H=00 33 48;6 (U)

1979 DEC 20   LOYALTY ISLANDS REGION                             MB=4,7( 1)      D=144,9 DEG  AZ= 41
E PKP         03 41 51                                                          21;5S;169,2E   33KM H=03 22 17;6 (U)
E APKP            42 00

1979 DEC 20   NEW HEBRIDES ISLANDS                               MB=5,2(19)      D=144,0 DEG  AZ= 40
I PKP         13 31 13,3C 1,5 /  165                                            20;5S;169,2E   33KM H=13 11 41;7 (U)
I APKP            31 22,9                                                       20;5S;169,4E   33KM    13 11 42;1 (M)
E SKP             34 51

1979 DEC 20   QUESTIONABLE EVENT
E PG          14 37 15
E SG              37 44

1979 DEC 20   TRACES; EASTERN SEA OF JAPAN                        /4,4( 1)/ D= 73,5 DEG  AZ= 37
E P           15 33 01                                                          44;5N;138,4E  250KM H=15 21 54;3 (I)
OR ANOTHER POSSIBILITY

1979 DEC 20   TRACES; CENTRAL ITALY                                           D=  8,6 DEG  AZ=181
E SG          15 33 01                                                          42;7N; 12,8E    9KM H=15 28 37;1
                                                                                                                    (ING)
1979 DEC 21   NEAR COAST OF ECUADOR                               MB=5,0(22)      D= 93,3 DEG  AZ=270
E P           00 39 14                                                           2;7S; 79,0W   91KM H=00 26 06;9 (U)
E AP              39 41    1,6 /   25

1979 DEC 21
E             04 30 03

1979 DEC 21   UNDERGROUND EXPLOSION                               MB=4,7(19)      D= 48,8 DEG  AZ= 66
I P           04 49 37,8  0,6 /   18                                            49;8N; 78,3E    0KM H=04 41 56;8 (U)

1979 DEC 21   FIJI ISLANDS REGION                                 /5,2( 1)/ D=144,3 DEG  AZ= 20
I PKP         05 58 09,4C                                                       16;8S;179,0W (577KM H=05 39 32;5)(I)

1979 DEC 21   BURMA-INDIA BORDER REGION                           MB=5,5(46)      D= 65;7 DEG  AZ= 77
I P           06 42 35,3C 1,4 /   69                                            27;1N; 97,0E   33KM H=06 31 51;9 (U)
E AP              42 48                                                         27;1N; 97,1E    3KM    06 31 47;5 (M)
E                 43 01
E(PP)             44 52
  LH       B 07 08
  LM       B    16        T 14           AE   1   AV  1,5

1979 DEC 21   EXPLOSION
I PG          10 27 28,0
I         AB      27 30,2

1979 DEC 21
E             10 42 00

1979 DEC 21
E             11 20 32

1979 DEC 21
E             11 53 43

1979 DEC 21   WESTERN CAUCASUS                                    MB=4,4( 3)      D= 21,1 DEG  AZ=103
E P           11 57 49  D 1,5 /   31                                            42;7N; 41,4E   33KM H=11 53 03;4 (U)
E PP              58 09                                                         43;2N; 41,4E   10KM    11 53 06;8 (B)
                                                                                42;7N; 41,9E    3KM    11 52 58;6 (M)
```

1979 DEC 21 QUESTIONABLE EVENT
E 15 28 07

1979 DEC 21 MB=5,4(30) D= 98,2 DEG AZ= 66
E 17 50 24 8;5N;127.4E 53KM H=18 06 38;4 (U)
9;0N;127.1E 3KM 18 06 34;9 (B)

1979 DEC 21 PHILIPPINE ISLANDS REGION
I P 18 20 10 1.9 / 32 MB=5,1(7) D= 98.2 DEG AZ= 66
E P 20 23 8;5N;127.4E 68KM H=18 09 03;3 (U)
E

1979 DEC 21 PHILIPPINE ISLANDS REGION /4,4(4)/ D=147,0 DEG AZ= 19
E P 18 22 31 19;4S;177.9W 288KM H=07 01 37.4 (U)

1979 DEC 22 FIJI ISLANDS REGION MB=5,1(35) D= 48.6 DEG AZ=126
I PKP1 07 20 44.1D 0.8 / 26 13;8N; 51.6E 33KM H=15 43 34;2 (U)
13;8N; 51.6E 33KM 15 43 34;5 (B)

1979 DEC 22 EASTERN GULF OF ADEN
E P 15 52 15
I AP 52 24.6 1.6 / 38
E 54 17
LH B 16 17

1979 DEC 22 NORTHERN ITALY FRIULI D= 5,1 DEG AZ=178
E 23 46 46 46;2N; 13.2E 10KM H=23 44 26,3 (U)
E SG 47 03

1979 DEC 23
E 01 30 50 D=432 KM AZ=102
50;3SN;18.95E H=04 02 00 (U)

1979 DEC 23 POLAND, UPPER SILESIA
E SG 04 04 09

1979 DEC 23 UNDERGROUND EXPLOSION MB=6,1(88) D= 40.5 DEG AZ= 65
I P AB 05 04 39.7C(0.6 / 400) 50;0N; 78.8E 0KM H=04 56 57;6 (U)
I PN 06 10
I PP 06 12.2

1979 DEC 23 TALAUD ISLANDS MB=5,8(43) D=101,9 DEG AZ= 69
I P 08 47 51.0D 3;5N;126.8E 33KM H=08 33 59;1 (U)
E 47 59 3;8N;126.7E 58KM 08 34 03;1 (B)
E 48 35
E 50 19
E 51 06
E 51 18
E(PP) 52 12
E 52 51
LH B 09 36 T 20 AN 0,5 AE 1,5 AV 1,5

1979 DEC 23 SOUTH OF PANAMA MB=5,0(27) D= 88.2 DEG AZ=273
I P 09 00 10.7 1.6 / 48 3;5N; 78.4W 33KM H=08 47 20;4 (U)
I 00 15.0
E 00 31
E 01 20

1979 DEC 23 TAIWAN MB=5,1(22) D= 83.3 DEG AZ= 62
I P 09 58 55.1C 1.2 / 18 23;0N;121.7E 33KM H=09 46 31;1 (U)
E 10 01 29 23;6N;121.9E 33KM 09 46 34;7 (B)
E PP 02 06

1979 DEC 23 KURILE ISLANDS MB=4,8(5) D= 74.9 DEG AZ= 24
E(P) 11 38 15 49;2N;155.5E 33KM H=11 26 42;8 (U)

1979 DEC 23 NORTHERN ITALY NO MB COMP, D= 6,9 DEG AZ=192
E PN 13 39 08 44;5N; 11.0E 33KM H=13 36 51;9 (U)
E(SN) 39 55 44;4N; 11.1E 32KM 13 36 52,7 (B)
I 40 08.7
E SG 40 35

1979 DEC 23 NORTHERN ITALY NO MB COMP, D= 6.9 DEG AZ=192
E PG 13 56 50 44;5N; 11.0E 33KM H=13 54 31;8 (U)
E 57 40 44;4N; 11.1E 41KM 13 54 32;8 (B)
E SG 58 14
E 58 24

1979 DEC 23 YUGOSLAVIA-ALBANIA COAST REG, ** NO MB COMP, D= 10,5 DEG AZ=153
E PN 14 26 48 41;7N; 19.3E 10KM H=14 24 13;8 (U)
E 28 15 41;8N; 19.5E 10KM 14 24 16;8 (B)
E 28 21 41;7N; 19.3E 33KM 14 24 15,8 (M)
E 29 21
E 29 31
E SG 30 01

1979 DEC 23
E 15 09 43

1979 DEC 24 WESTERN POLAND
E PN 01 21 10
E SG 21 37

1979 DEC 24
E 02 54 21

1979 DEC 24
I 03 09 21.0

1979 DEC 24
E 13 29 56
L 8 14 02

1979 DEC 24 NORTHERN ITALY NO MB COMP, D= 5,8 DEG AZ=179
E SG 15 41 10 45;5N; 13.2E 33KM H=15 37 56;5 (U)
45;6N; 13.2E 10KM 15 37 57;2 (B)

1979 DEC 24 OFF EAST COAST OF HONSHU, JAPAN MB=5,4(64) D= 84.3 DEG AZ= 41
I P 18 36 53.0C 1.3 / 84 33;3N;141.4E 33KM H=18 24 23;0 (U)
I 37 04 33;7N;141.3E 64KM 18 24 28.2 (M)
I 40 07 DISTANCE 85 DEG
E PP 47 19
E(S) B 47 19
LH B 19 11
LH B 17 T 18 AN 1,5 AE 1 AV 1,5 MLH =5.5 MLV =5V8

1979 DEC 25 MARIANA ISLANDS MB=5,4(33) D= 98,8 DEG AZ= 45
E P 02 36 13 1.2 / 14 18;7N;145.3E 573KM H=02 25 35;1 (U)
E(XP) 39 14 19;0N;145.2E 600KM 02 25 38;3 (M)
E PP 40 22 EVENTUALLY SUPERPOSED BY A NEAR QUAKE

1979 DEC 25 E. USSR-N.E. CHINA BORDER REGION MB=5,0(72) D= 71.7 DEG AZ= 43
I P 03 47 21.4D 1.0 / 62 43;2N;131.2E 535KM H=03 36 53.2 (U)
I AP 49 14.4D 43;2N;131.2E 530KM 03 36 52;6 (M)
I PP (OR XP) 50 11.0 DEPTH 530 KM

1979 DEC 25 BANDA SEA MB=5,8(38) D=111,8 DEG AZ= 73
E PKP 04 58 31 6;8S;129.6E 131KM H=04 40 10.2 (U)
E 59 28 6;6S;129.6E 130KM 04 40 10;8 (M)
E 59 40

1979 DEC 25 POLAND, UPPER SILESIA (P)
E 05 35 25

1979 DEC 25 IRAN MB=4,9(13) D= 37.7 DEG AZ= 99
E P 16 51 21 34;1N; 59.8E 10KM H=16 44 03.8 (U)
34;2N; 60.3E 50KM 16 44 08.9 (B)
34;3N; 59.9E 33KM 16 44 08.0 (M)

1979 DEC 25 TRACES
E 23 52 26

1979 DEC 25 / CARLSBERG RIDGE MB=5,3(38) D= 71,1 DEG AZ=120
DEC 26 2;7S; 68.0E 10KM H=23 46 33.5 (U)
I P AB 23 57 33.8D 1.9 / 65 2;8S; 68.0E 3KM 23 46 31.4 (M)
I 57 56.4 1.9 / 130
L B 00 34

1979 DEC 26 UNITED KINGDOM MB=4,3(4) D= 10,1 DEG AZ=297
E P 03 59 37 54;9N; 2.7W 10KM H=03 57 04;3 (U)
E 59 48 55;0N; 2.9W 14KM 03 57 06;6 (B)
E 04 00 17
E 01 38
I SB 02 02.9
E AB 02 57
I L AB 03 21
E AB 03 30
LH B 04.2

1979 DEC 26 FIJI ISLANDS REGION MB=5,1(3) D=145,8 DEG AZ= 18
I PKP1 08 12 12.4D 1.3 / 26 18;1S;177.8W 599KM H=07 53 39;6 (U)

1979 DEC 26
E 17 58 52

1979 DEC 26 CENTRAL CHILE MB=5,6(25) D=113,9 DEG AZ=242
E PKKP2 20 12 56 36;0S; 71.3W 92KM H=19 43 37;8 (U)
36;3S; 71.9W 63KM 19 43 34;4 (M)

1979 DEC 27 WESTERN POLAND
E 07 38 57
E SG 39 21

1979 DEC 27 TONGA ISLANDS MB=5,3(17) D=143,9 DEG AZ= 10
E PKP 08 05 03 0.9 / 17 15;5S;173.1W 33KM H=07 45 25;6 (U)
E 07 21 14;8S;174.5W 3KM 07 45 25;1 (M)

1979 DEC 27 TONGA ISLANDS REGION MB=5,3(5)
SUPERPOSED BY AN EXPLOSION D=146,6 DEG AZ= 10
E PKP1 AB 11 23 33 18;2S;172.8W 33KM H=11 03 53;0 (U)
LV B 12 35 13;6S;171.2W 33KM 11 04 05;0 (M)

1979 DEC 27 NEAR EAST COAST OF HONSHU, JAPAN MB=5,1(17) D= 82,1 DEG AZ= 40
I P 13 57 59.0 1.1 / 24 35;9N;141.4E 44KM H=13 45 42;0 (U)
I AP 58 08.8 1.5 / 31 36;0N;141.3E 33KM 13 45 40;6 (M)

1979 DEC 27 NEAR EAST COAST OF KAMCHATKA MB=4,6(6) D= 71,8 DEG AZ= 19
I P 14 36 11.6D 1.3 / 19 53;8N;160.8E 66KM H=14 24 54;2 (U)

1979 DEC 27 LUZON, PHILIPPINE ISLANDS MB=5,4(28) D= 92,1 DEG AZ= 65
E AP 18 36 23 14;0N;124.9E 33KM H=18 23 02;6 (U)
E APP 40 10 14;2N;124.9E 62KM 18 23 06.6 (M)
LH B 19 17
L B 23

1979 DEC 27 WESTERN CAUCASUS MB=4,4(7) D= 21,8 DEG AZ=103
I P 21 21 41.9C 1.4 / 29 42;5N; 41.7E 33KM H=21 16 53;8 (U)
E 22 13 42;9N; 41.9E 10KM 21 16 56;5 (B)
42;8N; 41.8E 3KM 21 16 50;6 (M)

1979 DEC 28 EASTERN TURKEY MB=5,1(48) D= 21,2 DEG AZ=122
I P 03 13 51.9 1.4 / 70 37;5N; 35.8E 41KM H=03 09 07;3 (U)
I 14 22.0 37;4N; 35.8E 74KM 03 09 12;8 (B)
I PPP 14 34.2 37;7N; 35.9E 33KM 03 09 08;0 (M)
(CONT.)

(CONT.)

E S	B	03	17.9		T	22	AN	5 AE	3.5			MLH	#4.8
LHH	B		21		T	12	AN	2.9 AE	1.5	AV	2.5	MLV	#5.1
LHV	B		23										

1979 DEC 28 WESTERN POLAND
E(PG) 05 15 27 MB=5.3(23) D=104.1 DEG AZ=249
I SG 15 33.1 24;4S; 69.4W 83KM H=13 46 18;3 (U)
24;5S; 68.2W 63KM 13 46 17.8 (M)

1979 DEC 28 NORTHERN CHILE
I(PKKP) 14 14 51.0

1979 DEC 28
E P 14 29 35 1.7 / 26

1979 DEC 28 MB=5.4(1) D=143.7 DEG AZ= 18
E 15 42 10 16;0S;177.9W 33KM H=21 58 04;6 (U)

1979 DEC 28 TRACES; FIJI ISLANDS REGION NO MB COMP. D= 8.4 DEG AZ=180
E PKP 22 14 39 42;9N; 13.1E 10KM H=04 09 53;7 (U)
42.9N; 13.1E 10KM 04 09 55.1 (M)

1979 DEC 29 CENTRAL ITALY
E(SN) 04 13 35
E 13 51
E SG 14 32
E L 14 46

1979 DEC 29 LOYALTY ISLANDS REGION NO MB COMP. D=134.9 DEG AZ= 65
E PKP 07 21 11 21.5S;149.2E 33KM H=07 01 35;6 (U)

1979 DEC 29 CARLSBERG RIDGE MB=5.1(27) D= 55.8 DEG AZ=122
I P 13 43 49.1D 1.5 / 35 9;3N; 58.1E 10KM H=13 34 08;5 (U)
I AP 43 54.7D 9;3N; 58.1E 60KM 13 34 15;1 (M)

1979 DEC 29 HOKKAIDO, JAPAN REGION MB=5.1(39) D= 77.0 DEG AZ= 36
I P 15 17 54.3 1.1 / 25 42;4N;143.0E 66KM H=15 06 07;2 (U)
E 18 08 42;8N;142.8E 64KM 15 06 08;4 (M)
I 18 15.7
E 18 36
L B 54

1979 DEC 29 CENTRAL ITALY NO MB COMR. D= 8.5 DEG AZ=180
E 17 31 28 42.8N; 13.1E 10KM H=17 29 01;4 (U)
E 32 50 42;8N; 13.0E 10KM 17 29 03;3 (M)
E SN 32 41
E 33 06
E SG 33 51

1979 DEC 30 WESTERN POLAND D=213 KM AZ= 83
E PN 00 54 01 51;5ON;16.05E H=00 53 29 (U)
E 54 08 DISTANCE 220 KM
I SG 54 30
I 54 37.0

1979 DEC 30 NORTHWEST OF KURILE ISLANDS MB=5.4(79) D= 71.0 DEG AZ= 25
I P AB 04 28 56.5D 1.2 / 310 1.5 / 140 1.1 / 63 52;5N;152.3E 555KM H=04 18 33;8 (U)
I AP 30 49.5 1.1 / 130 52;4N;152.5E 550KM 04 18 32;1 (M)
I XP 31 53.0 DISTANCE 71 DEG DEPTH 550 KM
E XPP (OR PPPP) 34 32
I S AB 37 29.0
E(SP) 37 49
E XS B 40.9

1979 DEC 30
E 11 01 24
E 01 44

1979 DEC 30 TRACES; SOUTH ATLANTIC RIDGE MB=5.0(2) D= 77.9 DEG AZ=205
E P 14 05 02 23;4S; 13.4W 10KM H=13 53 02;2 (U)

1979 DEC 30 SOUTH ATLANTIC RIDGE MB=4.8(7) D= 89.8 DEG AZ=204
E 17 59 36 39;1S; 16.1W 10KM H=17 46 50.5 (U)
E 59 59 1.8 / 50
E PP 18 03 25
L B 38

1979 DEC 30 MOLUCCA PASSAGE MB=5.8(44)
END SUPERPOSED BY FOLLOWING QUAKE
E P 21 33 00 1.4 / 31 D=103.4 DEG AZ= 71
I PP 37 21.1 1;0N;126.0E 41KM H=21 19 01;8 (U)
1;6N;125.6E 58KM 21 19 07;1 (M)

1979 DEC 30 CENTRAL ITALY NO MB COMR. D= 8.4 DEG AZ=181
E SN 21 35 09 42;9N; 12.8E 10KM H=21 31 34;3 (U)
E SG 36 20 42;9N; 13.0E 10KM 21 31 34;0 (M)

1979 DEC 31
E 01 47 38

1979 DEC 31 OFF EAST COAST OF HONSHU, JAPAN MB=5.5(92) D= 79.4 DEG AZ= 36
I P 02 59 54.0D 1.6 / 91 40;2N;144.1E 33KM H=02 47 50.4 (U)
I AR 03 00 06.7 41;0N;143.9E 63KM 02 47 59.4 (M)
E 02 44
LHH B 35
L B 39

1979 DEC 31 POLAND, UPPER SILESIA MB=5.3(55)
E 04 08 40

1979 DEC 31 WESTERN TURKEY
I P AB 06 26 02.8C 1.7 / 240
I AR 26 17.4 2.7 / 620
I PP 26 20.5 1.8 / 410
I 26 40.3
E SN AB 29 44 T 16 AN 2.7 AE 4.3 MSH #5.3
E S AB 29 48
I S B 30.3
E SS B 32.9
LH 33 45
E SCP T 16
LMV B 35 T 14 AN 2.5 AE 2.5 AV 2.5 MLV #4.8 (NO DEPTH CORRECTION)
LHH B 36 MLH #4.9 (NO DEPTH CORRECTION)
E SCS 37 26

1979 DEC 31 POLAND, UPPER SILESIA
E 08 24 54

1979 DEC 31 SOUTH OF PANAMA MB=5.1(17) D= 88.0 DEG AZ=273
I P 12 11 28.0C 1.2 / 25 3;6N; 78.3W 33KM H=21 58 39;4 (U)

1979 DEC 31 POLAND, UPPER SILESIA D=414 KM AZ=108
I PG 22 05 36.2 50;0SN;18.5IE H=22 04 25 (P)
E SG 06 28 DISTANCE 47.0 DEG
I 06 46.7

1979 DEC 31 / SOUTH OF PANAMA MB=5.3(56) D= 89.6 DEG AZ=273
1980 JAN 01 2;1N; 79.0W 33KM H=23 07 23;4 (U)
I P 23 20 20.1C 2.8 / 190 2;1N; 79.0W 33KM 23 07 23;7 (M)
E 20 52
E(PP) 23 36
E(S) B 31.4
L B 00 12

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Dr. B. Tittel
Dr. S. Wendt

D= 20.1 DEG AZ=132
36;2N; 31.5E 79KM H=06 21 34;3 (U)
36;3N; 32.5E 99KM 06 21 38;3 (B)
36;0N; 31.3E 62KM 06 21 31;3 (M)
DISTANCE 20 DEG DEPTH > N

(P)

(P)