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# SEISMOLOGICAL BULLETIN

MAY 1967

GOVERNMENT OF INDIA  
METEOROLOGICAL DEPARTMENT

PUBLISHED UNDER THE DIRECTION OF  
DR. L. S. MATHUR  
DIRECTOR GENERAL OF OBSERVATORIES.

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List of Seismograph Stations with their Instruments and Constants

Table with columns: Station and abbreviation, Latitude, Longitude, Height, Lithographic foundation, Instrument, Component, Period in secs. (To, Tg), Vmax, Damping (h1, h2), Paper speed (mm/min.). Includes stations like Bhakra, Bokaro, Bombay, Calcutta, Chitra, Delhi, Dehra Dun, Goa, Hyderabad, Kodakanal, Madras, Poona, Port Blair, PBA, Sehore, Shillong, Visakhapatnam.



March 1967

Table with columns: DATE, STN, PHASE, H. M. S., Deg., D, DATE, STN, PHASE, H. M. S., Deg. Includes station data for NDI, PBA, DDI, SHL, BOK, EPC, CHA, KOD, MDR, P00, MDR, CHA, KOD, DDI, BOK, SHL, PBA, CHA, SHL, P00, MDR, CHA, SHL, P00, MDR, CHA.



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DATE STN PHASE H. M. S.	$\Delta$ Deg.	DATE STN PHASE H. M. S.	$\Delta$ Deg.
04 SHL iP 15 11 16 DNW		04 CHA iP 18 07 24 SE 53.9	
P00 eP 15 12 37		PP 09 25	
04 PBA iPg 17 14 22.6 C 0.9		S 14 55	
eSg 14 34.6		PS 14 59	
04 SHL iPg 17 48 00 CE 0.9		i 15 25	
iSg 48 12		i 16 03	
04 EPC: 39.2°N, 24.6°E. Felt in Greek Western Turkey and at Sofia. -H=17h 58m 06.4s (USCGS) Depth = 33 Kms. Mag. 6.4-7 Pass. 6.5-6.7(BRK).		VIS eP 18 07 34 55.4	
BHK iP 18 06 07		ePP 09 39	
i 06 38		iPPP 10 51	
i 08 20		iS 15 14	
DDI iP 18 06 13.9 D 45.2		iPS 15 26	
i 06 59.6		iPPS 15 33	
eS 12 50		iSS 18 58	
SS 16 06		iSSS 20 58	
NDI iP 18 06 15 NWD 45.6		MDR eP 18 07 36 55.7	
PP 07 52		PPP 10 56	
PPP 09 03		iS 15 18	
iS 12 54		KOD iP 18 07 36.5 DNW 56.0	
SS 16 07		iS 15 21	
SSS 17 32		PS 15 32	
BOM iP 18 06 30 NWD 47.0		PPS 15 40	
e 06 39		SCS 17 15	
PP 08 20		SS 19 06	
i 10 30		CAL iP 18 07 46 NW 56.9	
iS 13 18		iS 15 35	
PPS 13 33		SHL iP 18 07 50 DNW 57.7	
i 16 20		iS 15 44	
SS 16 35		PS 15 54	
SSS 17 41		ScS 17 30	
i 17 50		SS 19 36	
P00 eP 18 06 37 47.8		SSS 21 56	
eS 13 30		TOC eP 18 08 09	
SEH iP 18 06 43 N 48.3		e 17 02	
eS 13 39		PBA iP 18 08 49 D 66.7	
GOA eP 18 06 53 49.8		iS 17 36	
PP 08 51		PPS 18 11	
iS 13 58		04 SHL iP 21 37 32 DNE 1.3	
HYD iP 18 07 08 N 51.0		iS 37 50	
PP 09 14		TOC eP 21 37 50	
S 14 21		eS 38 24	
PS 14 37		MDR ePg 22 29 50 0.1	
ScS 16 59		iSg 29 51	
SS 17 53		04 KOD eP 22 31 37 DS	
BOK iP 18 07 21 DW 53.6		04 MDR ePg 22 42 52 0.1	
PcP 08 12		iSg 42 53	
PP 09 23		04 EPC: 7.8°N, 146.2°E, -H= 22h 41m 14.5s (USCGS) Depth = 20 Kms. Mag. = 5.1 (CGS).	
PPP 10 34		SHL iP 22 50 44 CNW	
iS 14 50		CHA iP 22 51 15 C	
PS 15 03		MDR eP 22 51 57	
ScS 16 48		NDI eP 22 52 13	
		e 52 22	



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DATE STN PHASE H. M. S.	$\Delta$ Deg.	DATE STN PHASE H. M. S.	$\Delta$ Deg.
04 KOD iP 22 52 15 D		06 EPC: 30.5°N, 137.6°E. South of Honshu, Japan. -H = 04h 40m 17.8s (USCGS). Depth = 490 Kms. Mag. = 5.1 (CGS).	
P00 eP 22 52 31		TOC eP 04 46 58	
05 MDR iSg 01 35 58		SHL iP 04 47 15 DNE	
05 SHL iP 02 57 28 DNE		i 52 10	
05 TOC eP 02 59 03		CHA iP 04 47 43 CE 44.3	
05 SHL iPg 04 40 35 CSE 1.2		S 53 40	
iSg 40 50		PBA iP 04 47 55 D	
05 BOM iP 04 49 34 DNE 53.5		BOK eP 04 48 01 46.4	
e 51 51		iS 54 11	
iS 57 06		DDI iP 04 48 34.4 51.2	
PS 57 15		iS 55 13	
05 NDI eP 05 49 33		BHK eP 04 48 42 51.9	
05 EPC: 46.8°N, 152.7°E. Kurile Islands. -H = 09h 55m 15.4s (USCGS). Depth = 33 Kms. Mag. = 4.4 (CGS).		iS 55 26	
SHL iP 10 04 24 CSW		MDR iP 04 49 09 DW 55.9	
P00 eP 10 06 20		eS 56 19	
05 BOM eP 11 34 30 27.0		P00 iP 04 49 28.5 DNE	
e 35 24		KOD iP 04 49 34.0 SW	
eS 39 07		06 SHL iP 05 18 53 D	
05 NDI ePn 17 29 42		06 TOC eP 05 19 06	
iSn 30 33		06 P00 eP 05 22 20	
05 NDI eP 19 25 54		06 BOK e 08 08 38	
05 SHL iPg 23 39 51 D 0.6		06 BOK e 08 31 26	
iSg 39 59		06 BOK e 08 38 08	
PPP 40 06		06 SHL eP 09 18 15 2.4	
SS 40 15		iS 18 45	
06 BHK P* 01 36 26.4 CNE 1.42		06 CHA iPg 11 06 51.4 1.2	
Pg 36 27.8		Sg 07 07.4 Mag. 3.5	
S* 36 45.7		06 SHL eP 11 07 28 3.9	
Sg 36 46.6		eS 08 15	
i 36 52.5		06 NDI e 11 10 16	
DDI eP 01 36 45		06 EPC: 3.7°N, 95.8°E, -H = 11h 28m 49.4s (USCGS). Depth = 57 Kms. Mag. = 5.1 (CGS).	
e 37 22		PBA iP 11 30 57 D 8.9	
NDI iPn 01 37 03.4 C 5.1		e 32 19	
i 37 17.0		iS 32 38	
Pg 37 23.0		MDR eP 11 32 58 20.6	
i 37 50.0		eS 36 32	
i 37 51		KOD iP 11 33 13 DNW	
iSn 38 04.2		SHL iP 11 33 38 CS	
e 38 05.5		BOK eP 11 33 41 23.4	
06 P00 eP 01 39 32		iS 37 46	
06 P00 iP 02 36 12 D		LQ 38 11	
06 SHL iP 02 49 24 CNW			
06 KOD iP 02 50 40.5 C			
06 SHL iPg 03 49 30 DS 0.6			
iSg 49 38			

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DATE STN PHASE H. M. S.	△ Deg.	DATE STN PHASE H. M. S.	△ Deg.
BOK Continued		07 KOD iP 13 55 37.8	DSW
06 BOK SS 11 38 29		SHL iP 13 56 00	CW
LR 39 15		MDR eP 13 56 37	
P00 iP 11 34 19.5 D		NDI e 13 57 33	
NDI eP 11 34 57	30.8	P00 eP 13 57 36	
eS 39 55		07 SHL iPg 14 00 35	CSW 0.6
DDI eP 11 35 06		iSg 00 43	
06 NDI eP 16 37 03		07 EPC: 4.1°N, 125.6°E. Taland	
eS 38 20		Islands.	
06 SHL iP 20 05 10	DSE	-H = 16h 21m 20.3s (USCGS).	
06 NDI e 20 06 12		Depth = 170 Kms.	
06 P00 iP 20 07 11.5 D		Mag. = 5.5 (CGS).	
06 EPC: 4.0°S, 129.6°E, Banda		SHL iP 16 28 31	CNW 38.5
Sea.-H=20h 35m 14.3s (USCGS)		S 34 12	
Depth = 33 Kms. Mag.=5.0 (CGS).		CHA iP 16 29 07	D
SHL eP 20 43 45	C	MDR eP 16 29 27	46.3
MDR eP 20 44 09		e 30 21	
P00 eP 20 45 14		eS 35 59	
NDI eP 20 45 19		KOD iP 16 29 47	DSW
06 SHL eP 21 00 16		PP 31 12	
06 SHL iPg 23 05 20	CSE 0.8	DDI iP 16 30 12.2	D
iSg 05 30		NDI iP 16 30 13.5	SEC
06 NDI e 23 34 41		P00 iP 16 30 18.5	D
07 SHL iP 01 00 52	CN 0.6	07 DDI iP 19 16 11	D D
iS 01 27		e 17 36	
07 EPC: 22.0°N, 144.0°E.		NDI eP 19 16 27	9.0
Valcano Islands Region.		iS 18 09	
-H=04h 41m 20.2s (USCGS).		BHK e 19 17 03	
Depth = 165 Kms.		i 17 06.4	
Mag. = 4.5 (CGS).		07 P00 eP 19 22 15	
SHL iP 04 49 42		07 NDI ePn 20 46 19.5	2.6
P00 eP 04 51 47		iSn 46 52.6	
07 Epc: 31.4°S, 69.0°W,		07 P00 eP 20 48 46	
-H = 08h 06m 29.8s (USCGS).		07 KOD iP 20 53 40.8	C
Depth = 110 kms.		07 NDI e 21 35 16	
Mag. = 4.1 (CGS).		07 SHL iP 23 49 05	DW 2.2
BOK ePKP 08 26 39		eS 49 33	
07 BOK e 08 43 22		07 TOC ePg 23 49 34	
07 SHL iPg 08 50 26	DSW 0.6	eSg 49 48	
iSg 50 34		08 SHL eP 03 15 28	
07 EPC: 38.3°N, 142.4°E,		08 SHL eP 04 05 22	
-H = 11h 39m 36.0s (USCGS).		08 BOM e 05 02 53	
Depth = 33 Kms.		08 BOM e 05 15 12	
Mag. = 4.0 (CGS).		08 EPC: 24.4°N, 142.8°E, Valcano	
SHL iP 11 47 42		Islands Region.	
07 Epc: 4.0°S, 129.7°E, Banda		-H = 05h 13m 34.4s (USCGS).	
Sea.-H=13h 47m 31.1s (USCGS).		Depth = 33 Kms. Mag. = 4.5 (CGS).	
Depth = 47 Kms.			
Mag. = 5.1 (CGS).			

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DATE STN PHASE H. M. S.	△ Deg.	DATE STN PHASE H. M. S.	△ Deg.
08 SHL iP 05 21 56	CN	08 SHL iP 23 04 28	E
08 BHK Pn 05 35 24.8	02.06	09 CHA iPg 00 00 23.0	1.4
i 35 27.6		Sg 00 40.0	
Sn 35 51.6		SS 00 51.0	
S* 35 53.8		09 BOK e 00 01 01	
DDI eP 05 35 48.0		09 SHL iP 00 01 10	CNE
i 36 38.8		09 NDI eP 00 01 51	DNE 7.6
NDI e 05 36 15		eS 03 19	
e 36 57		09 P00 eP 00 03 23	
e 37 09		09 P00 eP 01 20 18	
08 SHL iP 06 58 42	D	09 SHL iPg 03 52 19.0	CSE 1.4
08 KOD iPg 07 32 00	DSW 2.0	iSg 52 38	
iSg 32 26.5		09 CHA eP 03 52 43.3	3.5
ePg 32 00		S 53 23.0	
iSg 32 27		09 BOM iP 05 03 31.2	D
ePg 07 32 00		09 KOD iP 05 06 37	D
iSg 32 27		09 Epc: 10.7°S, 166.3°E,	
08 BOK e 08 01 16		Santa Cruz Island	
08 BOK e 08 13 02		-H=05h 52m 19.2s (USCGS)	
08 BOK e 08 25 11		Depth = 33 Kms.	
08 SHL iP 09 18 11	C	Mag. = 5.3 (CGS).	
08 DDI iP 10 14 10.5	D	SHL eP 06 04 31	
i 15 28.1		KOD e 06 07 08.0	
08 NDI iP 10 14 32.8	CSW 7.6	09 KOD eP 06 12 05.0	DS
eS 16 01.0		BOM ePKP 07 00 51	146.8
08 P00 eP 10 16 51		PP 04 21	
08 BOK e 13 55 53		SKKS 11 09	
08 SHL iP 19 22 12	C	e 12 04	
08 SHL iP 19 52 40		ePS 15 04	
08 SHL iP 20 52 00	C	SS 23 19	
08 EPC: 22.1°S, 67.6°W		09 EPC: 10.6°S, 166.3°E, Santa	
Chile - Bolivia Border		Cruz Islands.	
Region.		-H=06h 58m 35.7s (USCGS).	
-H=21h 03m 35.1s (USCGS).		Depth = 30 Kms.	
Depth = 183 Kms.		Mag. = 6.0 (CGS).	
Mag. = 4.5 (CGS).		SHL eP 07 10 48	
KOD iPKP 21 22 51.3	C	CHA eP 07 11 13	
08 SHL iPg 22 18 27	CNE 1.4	BOK eP 07 11 15	
iSg 18 46		MDR eP 07 11 29	91.0
08 EPC: 15.6°S, 167.6°E,		PP 15 03	
New Hebrides Islands.		e 22 13	
-H=22h 13m 56.8s (USCGS).		PS 23 26	
Depth = 132 Kms.		SSS 31 49	
Mag. = 4.5 (CGS).		HYD eP 07 11 43	91.5
SHL iP 22 26 16	CW	eS 22 37	
08 EPC: 12.3°S, 166.4°E,		NDI eP 07 11 53	
Santa Cruz.-H=22h 52m 13.6s		e 24 22	
(USCGS). Depth = 61 Kms.		BOM eP 07 12 05	
Mag. = 4.8 (CGS).			

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DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
09	BOK	e	08	23	05		09	KOD	iP	20	16	27.8	D
09	NDI	i	11	21	15		09	NDI	iP	20	28	47	D
09	NDI	eP	12	02	32				e		32	07	
09	KOD	iP	12	21	57.5	C			i		32	20	
09	SHL	iP	12	58	43		09	NDI	eP	20	46	43	
09	TOC	eP	12	58	47		09	CHA	e	20	47	17	
09	EPC: 14.5°N, 91.4°W, Guatemala. -H= 14h 08m 44.5s (USCGS). Depth = 106 Kms. Mag. = 4.6 (CGS).						09	EPC: 6.7°S, 129.7°E, Band Sea.-H=20h 54m 58.1s (USCGS) Depth = 166 Kms. Mag. 4.8 (CGS).					
	NDI	iPKP	14	27	57			SHL	iP	21	03	27	CNW
	KOD	iPKP	14	28	27	D		CHA	iPg	21	03	59.5	C
		i		28	34			i			04	07.3	
		i		45	43			KOD	iP	21	04	11.8	
09	SHL	iPg	18	01	11	CNW 0.8		e			04	12.0	
		iSg		01	21			NDI	iP	21	04	57.6	C
09	TOC	eP	18	01	47		09	NDI	eP	21	11	38	
09	EPC: 15.5°S, 175.5°W, Tonga Islands. -H= 17h 58m 33.2s (USCGS). Depth = 95 Kms. Mag. = 4.3 (CGS).							e			12	48	
	BOM	e	18	06	09		09	NDI	iP	21	34	44	C
		e		22	57			e			36	48	
		e		27	48			CHA	e	21	35	16	
		e		30	09			SHL	iP	21	35	31	
09	EPC: 10.7°S, 166.3°E, Santa Cruz Islands. -H= 18h 02m 45.7s (USCGS). Depth = 59 Kms. Mag. = 6.4 (CGS).						09	NDI	e	22	30	47	
	SHL	iP	18	14	57	D	10	EPC: 28.7°N, 138.7°E, Bonin Islands Region. -H = 00h 31m 17.0s (USCGS). Depth = 49 Kms. Mag. = 5.1 (CGS).					
	CHA	eP	18	15	19			TOC	eP	00	38	07	
	BOK	eP	18	15	26			SHL	iP	00	38	23	DNE
	MDR	eP	18	15	36	89.8		CHA	iP	00	38	53.4	D
		PP		19	16			NDI	iP	00	39	51	D
		PPP		21	18			iS			46	44	53.8
		SKS		26	03			MDR	eP	00	40	13	
		eS		26	20			KOD	iP	00	40	37.9	DSW
		e		26	33			EPC: 32.4°N, 137.7°E, -H= 01h 54m 17.5s (USCGS) Depth = 377 Kms. Mag. = 4.4 (CGS).					
	NDI	eP	18	16	02			NDI	iP	02	02	47	D
09	HYD	M	19	09	33		10	BOK	e	04	53	01	
09	NDI	eP	20	14	39		10	NDI	e	05	37	18	
		e		16	25		10	SHL	iP	05	38	07	CNE
		e		17	08			iS			38	31	1.6
09	EPC: 17.7°S, 69.7°W, -H=19h 56m 58.9s (USCGS). Depth = 157 Kms. Mag. = 4.3 (CGS)						10	TOC	eP	05	39	25	
							10	SHL	iPg	08	05	44	CE
								iSg			05	49	0.4
							10	BOK	e	08	28	49	



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DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
10	KOD	iP	09	40	22.5	DSW	11	NDI	iP	06	33	19.5	DNW 8.8
10	KOD	iP	09	42	36			PP			33	27.5	
		e		42	36			PPP			33	34.5	
10	BOK	e	09	57	06			iS			34	57.5	
10	BOK	e	10	26	50			SS			35	10	
10	KOD	eP	11	34	22	DSW		SSS			35	20.5	
10	SHL	iP	13	49	53			SEH	iP	06	34	25	13.6
10	EPC: 34.4°N, 137.6°E, Near S. Coast of Honshu Japan. Depth = 311 Kms. Mag. = 4.5 (CGS).							iS			36	51	
	SHL	iP	14	23	35.0	SW		CHA	eP	06	34	55	16.9
	NDI	eP	14	24	59			S			37	53	
	KOD	iP	14	26	01	D		BOM	iP	06	35	01	D
10	SHL	ePg	14	47	18	1.1		iS			38	26	19.9
		eSg		47	32			SS			38	42	
10	NDI	e	14	50	10			BOK	eP	06	35	08	
10	SHL	iPg	16	21	21	CNW 0.2		SHL	iP	06	35	37	DW
		iSg		21	23			BHK	Pn	07	02	48.5	6.2
10	SHL	iPg	18	07	19	DSW 0.7		Pg			03	18.4	
		iSg		07	28			Sn			04	00.7	
10	SHL	iPg	19	54	48	CSE		e			04	13.9	
10	CHA	e	19	55	00			e			04	39.5	
10	NDI	e	20	58	30		11	BOK	e	08	08	12	
10	CHA	e	20	59	03			BOM	i	08	15	32	C
10	EPC: 41.1°N, 142.1°E, HOKKAIDO, Japan Region. -H = 21h 57m 38.9s (USCGS) Depth = 68 Kms. Mag. = 4.0 (CGS).							BOK	e	08	41	39	
	SHL	iP	22	05	43			EPC: 10.7°S, 166.2°E, Santa Cruz Islands. -H = 08h 33m 27.4s (USCGS). Depth = 49 Kms. Mag. = 6.1 (CGS).					
	CHA	iP	22	06	08	C		SHL	iP	08	45	38	D
	KOD	iP	00	36	31	DS		CHA	iP	08	46	01	C
11	EPC: 55.9°N, 34.5°W, North Atlantic Ocean. -H = 03h 05m 24.3s (USCGS). Depth = 33 Kms. Mag. = 4.7 (CGS).							MDR	eP	08	46	08	99.5
	BOM	i	03	16	16			eS			57	38	
	EPC: 36.4°N, 70.7°E, Hindu Kush -H = 06h 31m 09.0s (USCGS). Depth = 220 Kms. Mag. = 5.0 (CGS).							KOD	iP	08	46	27.5	D
	DDI	iP	06	33	09.3	D		NDI	e	08	46	41	
		i		34	35.1			BOM	eP	08	46	52	98.0
11								PP			50	55	
								e			57	34	
								eS			58	16	
								PS			59	47	
								SHL	iPg	08	48	56	0.5
								iSg			49	03	
								TOC	eP	08	49	09	
								SHL	iP	09	27	08	C
								BOK	e	10	48	59	
								BHK	P*	12	40	51.1	C
								S*			41	06.3	1.3
								Sg			41	08.4	



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DATE STN PHASE H. M. S.

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Deg.

DATE STN PHASE H. M. S.

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13 BOK e 11 41 56  
 13 EPC: 19.7°N, 39.1°E, Red Sea.  
 -H = 11h 46m 28.5s (USCGS)  
 Depth = 233 Kms. Mag. = 5.0 (CGS).  
 SHL iP 11 55 03 CN  
 13 NDI eP 13 05 33 10.2  
 iS 07 29  
 13 BHK e 13 07 10.0  
 13 SHL iP 13 08 01 D  
 13 EPC: 53.7°N, 165.4°W, Fox Islands Aleutian Islands.  
 -H = 14h 44m 07.2s (USCGS)  
 Depth = 33 Kms. Mag. = 5.2 (CGS).  
 SHL iP 14 55 57 N  
 NDI iP 14 56 23.5 D  
 P00 eP 14 57 14  
 13 SHL iP 15 22 21 DE  
 13 SHL iPg 15 23 52 0.3  
 iSg 23 56  
 13 EPC: 40.1°S, 74.5°W, -H = 16h 06m 54.3s (USCGS).  
 Depth = 33 Kms. Mag. = 6.0 (CGS).  
 BOM ePKP 16 26 22  
 KOD iPKP 16 26 24 CSE  
 MDR ePKP 16 26 28  
 P00 iPKP 16 26 29.5 D  
 PBA iPKP 16 26 41 DS  
 NDI iPKP 16 26 43.2 D  
 DDI ePKP 16 26 45  
 CHA iPKP 16 26 51 D  
 SHL iPKP 16 26 53 D  
 13 SHL iP 16 56 58 DNE  
 13 TOC eP 16 57 21  
 13 BOM e 17 27 -  
 13 Epc: 3.6°N, 126.5°E, Taland Islands.  
 -H = 17h 27m 11.3s (USCGS).  
 Depth = 63 Kms. Mag. = 5.4 (CGS).  
 TOC eP 17 34 31  
 SHL iP 17 34 34  
 CHA iP 17 35 17 C  
 KOD iP 17 35 56 DW

13 DDI eP 17 36 20.6  
 13 contd DDI iP 17 36 22.5 CSE  
 P00 iP 17 36 28.0 D  
 13 EPC: 37.6°N, 22.6°E, Southern Greece. -H=17h 43m 23.5s(USCGS)  
 Depth = 89 Kms. Mag. = 4.5 (CGS)  
 SHL iP 17 53 25 D  
 13 NDI e 18 37 23  
 13 EPC: 3.6°N, 126.5°E, Taland Islands.  
 -H = 19h 01m 01.4s (USCGS).  
 Depth = 35 Kms. Mag. = 5.4 (CGS)  
 TOC eP 19 08 25  
 SHL iP 19 08 33  
 CHA iP 19 09 09 C  
 KOD iP 19 09 50 DSE  
 DDI eP 19 10 14.1  
 NDI eP 19 10 15 D  
 P00 e 19 10 20  
 13 SHL eP 19 14 28  
 13 SHL iP 19 26 23 DE  
 13 EPC: 19.7°N, 38.9° Red Sea. -H = 19h 22m 15.4s (USCGS).  
 Depth = 7 Kms. Mag. = 5.8 (CGS).  
 BOM iP 19 28 47 CSE 33.0  
 iPP 29 57  
 PPP 30 13  
 eS 34 05  
 P00 eP 19 28 55  
 NDI eP 19 29 21 CE 36.7  
 PP 30 40  
 eS 35 05  
 SS 37 20  
 DDI iP 19 29 27.3 C  
 i 31 48.2  
 KOD iP 19 29 41.1 CW  
 MDR eP 19 29 54 41.1  
 PP 31 28  
 eS 36 08  
 VIS eP 19 30 17  
 CHA iP 19 30 33 C 45.3  
 S 37 14  
 SHL iP 19 31 05 DSW 49.3  
 eS 38 11  
 TOC eP 19 31 26  
 e 39 41  
 PBA iP 19 31 32 C 1.6



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13 HYD e 19 43 24  
 13 NDI iP 20 18 06  
 13 EPC: 56.4°N, 35.2°W, North Atlantic Ocean.  
 -H = 20h 50m 30.8s (USCGS)  
 Depth = 33 Kms. Mag. = 4.6 (CGS).  
 NDI eP 21 02 23  
 13 CHA iPg 21 16 47.1 D 1.4  
 Sg 17 05  
 13 EPC: 82.2°N, 39.7°E, Franz Josef Land.  
 -H = 21h 44m 03.6s (USCGS)  
 Depth = 11 Kms. Mag. = 4.4 (CGS).  
 CHA iP 21 54 03 D  
 SHL iP 21 54 13 D  
 14 SHL iP 04 53 19 DN  
 14 Epc: 28.4°N, 94.3°E, India China Border Region.  
 -H = 06h 58m 04.6s (USCGS).  
 Depth = 24 Kms. Mag. = 5.9 (CGS).  
 TOC eP 06 58 39 DNE 3.4  
 SHL iP 06 59 00  
 iSg 59 56  
 CHA iP 06 59 43.7 C 6.2  
 S 07 00 56  
 SS 01 26  
 SSS 01 35  
 BOK iP 07 00 11 DNE 8.2  
 PP 00 20  
 PPP 00 27  
 LQ 01 36  
 iS 01 44  
 SS 01 54  
 SSS 02 05  
 DDI iP 07 01 24.5 D 13.6  
 eS 03 55  
 NDI eP 07 01 34 DNW14.4  
 PP 01 45  
 PPP 01 53  
 S 04 14  
 SS 04 30  
 SSS 04 42  
 BHK eP 07 01 43.4  
 i 04 55.2  
 14 SEH eP 07 01 50.4  
 e 05 07  
 PBA iP 07 01 55 DN 17.5  
 PPP 02 27  
 iS 05 09  
 SS 05 31  
 SSS 05 49  
 14 HYD iP 07 02 16 N 19.0  
 S 05 43  
 SS 06 01  
 MDR iP 07 02 40 DW 21.1  
 PP 03 01  
 PPP 03 13  
 iS 06 29  
 LQ 06 39  
 SS 06 57  
 SSS 07 13  
 P00 iP 07 02 51 C 21.5  
 iS 06 43.0  
 BOM eP 07 02 58 22.3  
 i 03 06  
 PP 03 22  
 e 06 47  
 iS 06 57  
 i 07 10  
 SS 10 34  
 GOA eP 07 03 08 23.7  
 PP 03 37  
 PPP 03 46  
 PcP 06 59  
 iS 07 18  
 LQ 07 44  
 SS 08 10  
 SSS 08 18  
 KOD iP 07 03 20.0 DNE 24.9  
 PP 03 56.0  
 PPP 04 09  
 iS 07 39  
 LQ 08 19  
 SS 08 40  
 SSS 08 52  
 14 SHL eP 07 53 51  
 14 EPC: 82.5°N, 36.2°E Franz Josef Land.  
 -H = 07h 50m 19.3s (USCGS).  
 Depth = 33 Kms. Mag. = 4.7 (CGS).  
 SHL iP 08 00 22 CS  
 KOD iP 08 01 50.7 D  
 14 BOK e 09 59 20  
 14 NDI eSg 10 07 14  
 14 EPC: 36.5°N, 70.6°E, Hindu Kush Region.  
 -H = 14h 35m 11.8s (USCGS).  
 Depth = 193 Kms. Mag. = 4.8 (CGS).  
 DDI iP 14 37 16.6 D 8.5  
 eS 38 52  
 14 NDI iP 14 37 26.5 DNW 9.1  
 iS 39 08  
 BHK e 14 37 57.4  
 i 38 10.5  
 CHA iP 14 39 03 D





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17	BOK	e	08	39	38	
17	BOK	e	09	10	57	
17	BOK	e	09	24	46	
17	SHL	iP	10	02	23	C
17	DDI	eP	10	31	23	
		i		31	45	
17	EPC: 3.6°S, 150.9°E, New Ireland Region. -H=11h 24m 45.7s (USCGS). Depth = 33 Kms. Mag. 6.4 (Pass).					
	PBA	eP	11	34	54	
		i		43	28	
	SHL	iP	11	35	19	C 65.2
		iS		43	58	
	CAL	iP	11	35	46	E 66.7
		iS		44	34	
	CHA	iP	11	35	52	D 69.4
		S		44	55	
	VIS	iP	11	36	04	
	MDR	eP	11	36	13	
		e		39	30	
	BOK	eP	11	36	19	
	DDI	eP	11	36	39	
	NDI	eP	11	36	39	
		eS		46	31	78.4
		e		48	12	
		SS		51	28	
		SSS		54	54	
	P00	eP	11	36	45	
		e		39	09	
	BOM	eP	11	36	50	80.7
		PcP		36	58	
		e		37	15	
		PPP		41	45	
		eS		46	54	
		SKS		47	03	
		ScS		47	11	
		e		47	20	
		e		47	35	
		PPS		47	58	
		LQ		58	44	
17	EPC: 7.9°S, 155.5°E, -H = 13h 48m 14.4s (USCGS), Depth = 32 Kms. Mag. 5.3 (CGS).					
	SHL	iP	13	59	27	
17	NDI	eP	14	00	40	D
		i		03	11	
	P00	iP	14	00	46.5	D
17	CHA	iPg	19	08	03.1	C
		Sg		08	26.0	1.8
17	SHL	iP	19	08	19	D
17	CHA	e	19	30	28	
17	SHL	iP	19	30	40	C
17	MDR	e	19	33	48	
17	BOM	e	19	35	53	
17	CHA	e	19	43	09	
	SHL	iP	19	43	19	
17	SHL	iP	19	48	30	D
17	CHA	e	21	12	20	
	SHL	iP	21	12	30	DSW
17	NDI	Pn	21	31	07.0	
		Sn		31	34.5	
17	P00	e	22	14	11	
17	SHL	eP	22	16	31	
	MDR	e	22	17	32	
18	PBA	ePg	01	25	01.8	0.5
		eSg		25	07.8	
18	PBA	iPg	02	52	00.8	CN 0.5
		iSg		52	07.3	
18	NDI	e	05	27	49	
18	P00	eP	05	28	32	
18	NDI	i	05	59	54	
18	BOK	e	08	08	19	
18	BOK	e	08	26	56	
18	BOK	e	09	37	47	
18	BOM	e	11	52	27	
	P00	eP	11	52	46	
18	BOM	e	15	00	-	
18	SHL	iP	15	26	16	D
18	SHL	iP	15	31	53	CW
18	SHL	iP	16	23	59	DNE 1.6
		iS		24	21	
	CHA	iP	16	24	54.9	C 5.0
		S		25	53.9	
18	Epc: 18.5°S, 168.2°E, New Hebrides Islands. Felt at Port Villa. -H=16h 50m 21.5s (USCGS) Depth = 22 Kms. Mag. = 4.6 (CGS).					
	SHL	iP	17	03	03	D
18	CHA	e	17	38	53	
18	SHL	iP	17	39	26	CSE

18 EPC: 36.3°N, 139.8°E, -H = 17h 49m 50.8s (USCGS). Depth = 105 Kms. Mag. = 5.0 (CGS).

SHL iP 17 57 34 CW  
CHA iP 17 58 02 C  
NDI iP 17 58 55.4 C  
P00 iP 17 59 49.0 C

18 Epc: 6.0°S, 146.3°E, East New Guinea. -H = 19h 15m 35.9s (USCGS). Depth = 108 Kms. Mag. = 5.6 (CGS).

SHL iP 19 25 45 DSE  
CHA iP 19 26 14 D  
i 26 50  
NDI iP 19 27 06 D  
P00 iP 19 27 11 D

18 SHL iP 20 34 54 DE

18 EPC: 6.7°S, 129.9°E, -H = 01h 10m 45.8s (USCGS). Depth = 60 Kms. Mag. = 5.9 (CGS).

PBA iP 01 18 24 C 40.6  
PPP 20 29  
iS 24 27  
SS 27 05

19 TOC eP 01 19 12  
SHL iP 01 19 28 CNW  
CAL iP 01 19 37 E 49.4  
iS 26 38

BOK iP 01 19 56 CNW 51.7  
pP 20 17  
PPP 23 07  
iS 27 11  
PPS 27 51  
ScS 29 33  
\*\* MDR Typed on page 45  
CHA iP 01 20 00 CNW 52.3  
S 27 19

P00 iP 01 20 51.5 C  
e 29 36.0

DDI eP 01 20 57  
i 21 22.2

NDI iP 01 20 59 CWN 60.7  
pP 21 20  
PcP 21 38  
iS 29 09  
sS 29 54

19 BOM iP 01 21 00 WC 61.3  
pP 21 21  
ePP 23 21  
e 23 44  
iS 29 14  
PS 30 09

19 EPC: 28.0°N, 130.5°E, Ryukyu. -H = 02h 54m 22.4s (USCGS). Depth = 48 Kms. Mag. = 4.9 (CGS).

P00 iP 03 03 29.5 C

19 EPC: 45.4°N, 151.5°E, Kurile Islands. -H=04h 01m 36.7s (USCGS). Depth = 33 Kms.

TOC eP 04 10 26  
SHL iP 04 10 39 SW 51.1  
PP 12 38  
iS 17 53

CHA iP 04 10 59 SW 53.9  
S 18 30  
i 18 50

CAL iP 04 11 17 W 55.6  
iS 18 58  
i 19 45  
ScS 21 19  
SS 22 43

BOK iP 04 11 19 CSW 56.5  
PcP 12 08  
PP 13 22  
PPP 14 43  
ScP 16 06  
iS 19 06  
PS 19 14  
ScS 20 55  
SS 22 52

DDI iP 04 11 27 D 58.3  
PP 13 25  
PPP 15 08  
iS 19 25.0  
SS 23 25.0

NDI iP 04 11 36.5 SWC 60.1  
PcP 12 26.0  
PP 13 50.0  
eS 19 46.0  
PS 19 59.0  
PPS 20 07.0  
ScS 21 35.0  
SS 23 46.0  
SSS 26 28.0

PBA iP 04 11 42 CSW 60.8  
PP 13 57  
eS 19 55  
SS 24 05

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19 VIS iP 04 11 56 E 63.4  
PcP 12 45  
iS 20 25

HYD iP 04 12 21 S 66.2  
PP 14 48  
PPP 16 39  
iS 21 06  
PS 21 27  
SS 27 28  
LQ 29 11

MDR iP 04 12 33 DE 68.8  
PP 15 03  
PPP 16 35  
iS 21 33  
PPS 22 07  
SKS 22 25  
SS 25 59

P00 eP 04 12 35 68.9  
PP 15 10  
eS 21 36  
SS 26 02

BOM iP 04 12 42 CSW 69.4  
PcP 13 04  
PP 15 12  
iS 21 46  
i 21 59  
PPS 22 23  
SS 26 11

GOA eP 04 12 48 69.8  
PcP 13 08  
iS 21 54

19 EPC: 13.7°N, 120.6°E, Mindono, Philippine Islands. Felt at Manila. -H = 05h 55m 03.2s (USCGS), Depth = 96 Kms. Mag. = 4.9 (CGS).  
NDI eP 06 02 51  
P00 eP 06 03 11  
NDI e 06 03 16

19 NDI e 10 30 13

19 SEH iP 14 12 05 E 63.0  
eS 20 35

19 EPC: 10.3°N, 125.9°E, LeyTe, Philippine Islands. -H = 15h 17m 11.1s (USCGS). Depth = 127 Kms. Mag. 4.9 (CGS).  
P00 eP 15 26 02

19 EPC: 10.4°N, 126.2°E, Philippine Islands Region. -H = 15h 33m 21.1s (USCGS). Depth = 33 Kms. Mag. 4.8 (CGS).

19 TOC eP 16 00 35  
P00 eP 16 02 22

19 EPC: 45.6°N, 105.7°E, -H = 16h 23m 57.4s (USCGS). Depth = 41 Kms. Mag. = 4.4 (CGS).  
NDI e 16 33 54

EPC: 51.9°N, 180.0°E, Rat Island Aleutian Islands. -H = 17h 25m 10.5s (USCGS). Depth = 18 kms. Mag. = 4.9 (CGS).  
CHA eP 17 36 30

19 P00 eP 17 37 47

19 EPC: 45.8°N, 151.0°E, Kurile Islands. -H = 21h 50m 47.0s (USCGS). Depth = 33 Kms. Mag. = 4.1 (CGS).  
NDI eP 22 00 46

20 CHA iPg 00 50 57.6 C 1.3  
Sg 51 15.1

20 EPC: 45.5°N, 150.9°E, Kurile Islands. -H = 05h 13m 57.6s (USCGS). Depth = 33 Kms. Mag. = 4.5 (CGS).  
SHL iP 05 22 53 CS  
NDI eP 05 23 55  
P00 eP 05 24 53

20 SHL eP 06 53 26 4.3  
eS 53 51

20 BOK e 08 33 56

20 EPC: 6.2°S, 148.3°S, New Britian. -H = 08h 47m 47.5s (USCGS). Depth = 52 Kms. Mag. = 5.1 (CGS).  
SHL iP 08 58 19 D  
P00 eP 08 59 45

20 Epc: 45.6°N, 151.5°E, Kurile Islands. -H = 09h 30m 36.4s (USCGS). Depth = 33 Kms. Mag. 4.4 (CGS).  
SHL iP 09 39 37 CSW  
NDI iP 09 40 37  
P00 eP 09 41 35

20 Epc: 51.8°N, 175.2°E, Red Island Aleutian Islands. -H = 10h 48m 07.2s (USCGS). Depth = 50 Kms. Mag. 4.7 (CGS).  
SHL iP 10 58 53 CSW  
P00 eP 11 00 27

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20 EPC: 45.6°N, 151.4°E, Kurile Islands. -H = 13h 31m 34.0s (USCGS). Depth = 51 Kms. Mag. = 5.7 (CGS).  
TOC e 13 40 21  
SHL iP 13 40 34 CS  
CHA iP 13 40 55 CNW  
i 48 13

BOK iP 13 41 13 CSW 57.7  
iS 49 05  
PS 49 13  
PPS 49 21  
SeS 20 49

DDI iP 13 41 23.3 C  
i 50 42.6

BHK eP 13 41 27.0

NDI iP 13 41 34 60.3  
eS 49 42

PBA iP 13 41 36 CN

HYD eP 13 42 16 69.0  
eS 51 15  
SS 55 27

MDR eP 13 42 27 69.2  
pP 42 49  
eS 51 27  
sS 51 41  
e 14 00 45

P00 eP 13 42 32  
e 51 50

BOM iP 13 42 38 CNW 71.0  
eS 51 48  
i 51 58

20 Epc: 45.7°N, 151.6°E, Kurile Islands. -H = 13h 38m 53.7s (USCGS). Depth = 50 Kms. Mag. = 4.6 (CGS).  
CHA iP 13 48 34  
NDI eP 13 48 53

20 Epc: 45.6°N, 151.5°E, -H = 13h 40m 52.8s (USCGS). Depth = 53 Kms. Mag. = 5.3 (CGS).  
SHL iP 13 49 53 CSW  
CHA iP 13 50 14 C  
NDI iP 13 50 53 59.9  
iS 59 01

PBA iP 13 50 56 C

20 P00 iP 13 51 51.5 C

20 EPC: 45.6°N, 151.5°E, Kurile Islands. -H = 13h 52m 05.5s (USCGS). Depth = 32 Kms. Mag. = 5.4 (CGS).  
SHL iP 14 01 07 S  
CHA iP 14 01 27 C  
i 09 06

TOC e 14 01 28

20 DDI iP 14 01 30.5 C  
BHK e 14 02 01.4  
NDI iP 14 02 07 59.9  
eS 10 15

PBA iP 14 02 11 CS

MDR eP 14 03 02

P00 eP 14 03 06

BOM iP 14 03 10 NC 69.8  
eS 12 16

20 EPC: 45.4°N, 151.5°E, Kurile Islands. -H = 14h 44m 17.8s (USCGS). Depth = 50 Kms. Mag. = 4.6 (CGS).  
SHL iP 14 53 19 CSW  
CHA iP 14 53 29 D  
NDI eP 14 54 19  
P00 eP 14 55 17

20 BHK e 15 38 30  
NDI eP 15 39 27

20 Epc: 45.6°N, 151.2°E, Kurile Islands. -H = 15h 46m 29.4s (USCGS). Depth = 60 Kms. Mag. = 5.1 (CGS).  
SHL iP 15 55 26 DNE  
CHA iP 15 55 47 C  
DDI iP 15 56 16.4 D  
NDI iP 15 56 26  
P00 eP 15 57 25

20 EPC: 45.5°N, 151.1°E, Kurile Islands. -H = 16h 12m 00.7s (USCGS). Depth = 33 Kms. Mag. 4.0 (CGS).  
SHL iP 16 21 00 DNE  
NDI eP 16 22 01

20 EPC: 45.5°N, 151.4°E, Kurile Islands. -H = 17h 11m 34.8s (USCGS). Depth = 33 Kms. Mag. = 5.0 (CGS).





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20	SHL	iP	17	20	37	CSW
	CHA	iP	17	20	57	C
	DDI	iP	17	21	26.3	C
	NDI	iP	17	21	36	
	P00	eP	17	22	35	
20	EPC: 22.1°S, 170.6°E, Loyalty Islands. -H=19h 07m 25.2s (USCGS). Depth = 28 Kms. Mag. = 5.5 (CGS).					
	SHL	iP	19	20	24	CSW
	CHA	eP	19	20	44	
20	BOM	e	19	30	05	
		e		32	15	
20	NDI	e	20	21	47	
20	BOM	i	21	32	11	NE
		e		35	31	
20	MDR	eP	21	33	04	
		e		37	10	
20	EPC: 36.3°N, 139.7°E, Honshu Japan. -H=21h 54m 48.0s (USCGS). Depth = 57 Kms. Mag.=4.7(CGS).					
	SHL	iP	22	02	34	CSW
	CHA	iP	22	03	02	C
	NDI	eP	22	03	55	
	P00	iP	22	04	49.7	C
20	EPC: 35.8°N, 44.2°E, Iraq. -H=22h 30m 44.4s (USCGS). Depth = 43 Kms.					
	CHA	eP	22	38	01	
	SHL	iP	22	38	34	DW
21	EPC: 25.3°S, 69.9°E, South Indian Ocean. -H=07h 52m 24.9s (USCGS). Depth = 33 Kms. Mag.=4.6(CGS).					
	PBA	eP	08	00	22	
	P00	eP	08	00	30	
	TOC	e	08	01	28	
	NDI	eP	08	01	49	
	SHL	iP	08	01	54	DSW
21	BOK	e	08	14	13	
21	BOK	e	09	23	29	
21	KOD	iP	09	37	01	DSW
		i		37	02	
21	SHL	iP	11	31	06	CSW 2.8
		iS		32	41	
21	CHA	eP	11	32	07	7.1
		S		33	29	
21	P00	eP	12	00	10	
21	NDI	iP	14	19	45.5	
21	SHL	iP	18	09	13	DW
21	EPC: 6.8°N, 73.0°W Northern Colombia felt at Bagota, Cucuta and Medellin Area. -H=18h 11m 42.2s (USCGS). Depth = 151 Kms. Mag. 5.4(CGS).					
	NDI	ePKP	18	30	44	
	SHL	iPKP	18	31	02	CE
21	TOC	ePKP	18	31	03	
	KOD	iPKP	18	31	07.4	DS
	PBA	iPKP	18	31	23	D
21	EPC: 11.5°S, 165.6°E, Santa Cruz Islands. -H=19h 06m 30.3s (USCGS). Depth = 39 Kms. Mag. = 4.9 (CGS).					
	SHL	iP	19	18	42	CW
21	NDI	eP	21	11	18	8.7
		iS		12	58	
22	EPC: 51.6°N, 173.9°E, Near Islands Aleutian Islands. -H=05h 58m 25.5s (USCGS). Depth = 33 Kms. Mag. = 4.9(CGS).					
	SHL	iP	06	09	10	D
22	BOK	e	12	23	52	
22	EPC: 5.4°S, 146.4°E, East New Guinea Region. -H=13h 00m 26.9s (USCGS). Depth = 70 Kms. Mag. = 5.3 (CGS).					
	SHL	iP	13	10	35	DS
	CHA	eP	13	11	09	
	KOD	iP	13	11	39.1	DS
22	NDI	e	13	12	06	
	P00	eP	13	12	12	
22	NDI	e	21	28	22	
		iP		28	56	
22	MDR	e	21	36	48	
		e		46	50	
22	BOM	iP	21	36	54	E 57.2
		eS		44	49	
22	NDI	eP	22	42	39	
		i		42	43	

2	EPC: 19.7°N, 38.8°E, Red Sea. -H=22h 59m 49.8s (USCGS). Depth = 33 Kms.					
	SHL	iP	23	08	37	CE
3	EPC: 2.7°S, 68.0°E, Carlsberg Ridge. -H=02h 46m 51.1s (USCGS). Depth = 33 Kms. Mag.=4.8(CGS).					
	MDR	eP	02	51	19	
		e		56	28	
	P00	iP	02	51	43.5	D
	BOM	eP	02	51	44	
	HYD	iP	02	51	52	
	PBA	iP	02	52	47	D
	CHA	eP	02	53	41	
	SHL	iP	02	53	54	DW
23	NDI	e	04	26	52	
23	CHA	e	05	22	17	
23	EPC: 2.8°S, 68.1°E, Carlsberg Ridge. -H=05h 23m 34.3s (USCGS). Depth = 33 Kms. Mag. = 5.1 (CGS).					
	MDR	eP	05	28	01	19.0
		PP		28	20	
		iS		31	28	
	P00	eP	05	28	27	
		e		32	36	
	BOM	eP	05	28	28	22.6
		iS		32	28	
	HYD	iP	05	28	34	23.7
		iS		32	43	
	PBA	iP	05	29	30	C
	NDI	eP	05	30	04	
	CHA	eP	05	30	24	
23	SHL	iP	05	30	38	CNE 37.5
		eS		36	24	
23	BOK	e	05	30	53	
23	BOK	e	07	26	11	
23	NDI	i	07	50	29	
	MDR	e	09	34	27	
23	MDR	eP	10	26	30	
23	BOK	e	11	35	36	
23	P00	eP	11	36	50	
23	PBA	eP	12	57	46	
23	EPC: 45.8°N, 151.9°E, -H = 13h 41m 57.5s (USCGS). Depth = 33 Kms. Mag. = 4.7 (CGS).					
	SHL	iP	13	50	59	CSW
	CHA	iP	13	51	19	D
	NDI	iP	13	51	59	
	P00	eP	13	52	57	
	KOD	iP	13	53	17	D
23	SHL	iP	14	29	54	CNW 4.8
		iS		30	51	
23	EPC: 4.7°S, 101.8°E, Southern Sumatra. -H=15h 00m 27.8s (USCGS). Depth = 33 Kms. Mag. = 5.2 (CGS).					
	PBA	eP	15	04	45	
	KOD	iP	15	06	24	D
	MDR	eP	15	06	33	26.2
		PPP		07	31	
		eS		11	00	
	SHL	iP	15	06	49	CNW
	TOC	eP	15	06	55	
	BOK	iP	15	06	56	
	CHA	iP	15	07	15	C
	P00	eP	15	07	27	
	BOM	eP	05	07	39	37.7
		eS		13	26	
	NDI	eP	15	08	07	C 40.8
		eS		14	14	
23	SHL	iP	16	00	35	DNE
23	P00	eP	17	30	18	
24	EPC: 24.2°N, 121.5°E, Taiwan. -H=01h 08m 06.7s (USCGS). Depth = 47 Kms. Mag. = 5.0 (CGS).					
	SHL	iP	01	13	46	
	CHA	iP	01	14	24	D
	NDI	eP	01	15	37	
	KOD	iP	01	16	15.2	CW
	P00	eP	01	16	17	
24	EPC: 45.3°N, 151.0°E, Kurile Islands. -H = 01h 23m 24.7s (USCGS). Depth = 33 Kms. Mag. = 4.4 (CGS).					
	NDI	eP	01	33	24	
24	EPC: 20.2°N, 38.3°E, Red Sea. -H = 01h 57m 49.0s (USCGS). Depth = 33 Kms. Mag. = 5.0 (CGS).					

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24 NDI eP 02 04 29  
 P00 e 02 04 54  
 CHA iP 02 05 57 D  
 24 EPC: 42.5°N, 86.5°E, Northern Sinkiang Province China. -H=03h 19m 00.0s (USCGS). Depth = 33 Kms. Mag. = 4.7 (CGS).  
 NDI eP 03 22 36  
 e 27 05  
 SHL iP 03 23 02 CSW  
 24 EPC: 40.2°N, 144.6°E Off east coast of Honshu Japan. -H=04h 11m 29.6s (USCGS). Depth = 27 Kms. Mag. 5.0(CGS).  
 NDI eP 04 21 13  
 24 Epc: 12.1°N, 125.9°E, -H=06h 18m 02.3s (USCGS). Depth = 16 Kms.  
 SHL iP 06 24 54 D  
 24 EPC: 20.0°N, 38.7°E, -H= 06h 38m 08.8s (USCGS). Depth = 42 Kms. Mag. = 5.1(CGS).  
 NDI i 06 45 11  
 CHA eP 06 46 22  
 SHL iP 06 46 56 C  
 24 SHL iP 07 18 23 CNW 2.9  
 iS 18 59  
 TOC iP 07 18 41  
 24 BOK e 08 13 50  
 24 NDI eP 08 21 38 D 8.4  
 i 21 56  
 i 22 38  
 eS 23 14  
 24 BOK e 08 50 36  
 24 EPC: 6.0°S, 112.3°E, Jawa Sea. -H=09h 00m 19.5s (USCGS). Depth = 600 Kms. Mag. 6.0(CGS) 6.7-7.2 (BRK).  
 PBA iP 09 05 09 CW 25.6  
 iS 08 57  
 CAL iP 09 06 42 36.6  
 iS 11 44  
 MDR iP 09 06 42 36.6  
 pP 08 22  
 PP 08 43  
 i 09 26  
 iS 11 44  
 SS 14 46  
 sS 15 15

24 SHL iP 09 06 43  
 Contd. pP 08 27  
 i 09 17  
 iS 11 46  
 SS 14 53  
 TOC iP 09 06 43  
 iS 11 44  
 KOD iP 09 06 51 DSE 38.0  
 iS 12 02  
 BOK iP 09 07 01 CNW 39.0  
 ipP 08 44  
 iS 12 18  
 PcS/ScP 13 27  
 LQ 14 08  
 SS 14 16  
 SSS 14 37  
 CHA iP 09 07 13 CNW 40.3  
 pP 08 57  
 S 12 39  
 i 13 11  
 i 15 08  
 GOA eP 09 07 33 43.7  
 PcP 09 03  
 PP 09 24  
 iS 13 20  
 sS 15 37  
 P00 iP 09 07 44 D 44.7  
 iS 13 38  
 SEH iP 09 07 46 NW 44.7  
 i? 09 32  
 i? 09 45  
 i 13 37  
 S 13 40  
 BOM iP 09 07 52 DE 46.0  
 pP 09 40  
 i 10 43  
 iS 13 53  
 i 16 20  
 ScS 16 34  
 e 17 09  
 NDI iP 09 08 07.5 LSE 47.3  
 pP 09 56  
 PP 10 10  
 eS 14 17  
 e 16 49  
 sS 17 34  
 SS 18 04  
 DDI iP 09 08 12.3 48.3  
 iS 14 27.6  
 BHK eP 09 08 25  
 i 09 32.6  
 i 10 16.8  
 24 EPC: 34.6°N, 70.0°E, -H=11h 11m 42.8s (USCGS). Depth = 61 Kms. Mag. 6.2(CGS).

24 NDI eP 11 13 46 DW 8.4  
 eS 15 21  
 P00 eP 11 15 30  
 SHL iP 11 16 25 DNW  
 KOD iP 11 17 09 D  
 BOK e 11 18 52  
 24 EPC: 6.0°S, 112.3°E, Jawa Sea. -H=11h 46m 15.9s (USCGS). Depth = 600 Kms. Mag. 5.3(CGS).  
 PBA eP 11 51 04 25.6  
 eS 54 52  
 MDR eP 11 52 35 36.7  
 eS 57 37  
 SHL iP 11 52 37 CNW  
 24 CHA iP 11 53 06 D 40.3  
 i 54 15  
 S 58 32  
 P00 iP 11 53 39 D  
 BOM eP 11 53 47 46.2  
 pP 55 36  
 iS 59 50  
 ScS 12 02 37  
 NDI iP 11 54 01.4 DSE 47.4  
 eS 12 00 12.0  
 BOK e 11 54 46  
 i 58 11  
 24 SHL iP 12 43 20 CE  
 24 NDI eSg 14 00 30  
 24 EPC: 6.7°S, 74.9°W, PURU - BRAZIL BORDER REGION. -H=15h 38m 49.4s (USCGS). Depth = 149 Kms. Mag. = 4.9(CGS).  
 NDI ePKP 15 58 12  
 i 58 51  
 24 EPC: 27.9°N, 142.7°E, Bonin Islands Region. -H = 18h 29m 22.5s (USCGS). Depth = 33 Kms. Mag. 4.4 (CGS).  
 SHL iP 18 37 38 CW  
 25 BOM iPg 03 38 42.2 0.4  
 eSg 38 47.9  
 25 P00 eP 03 38 51  
 25 BHK i 03 47 45.4  
 i 48 41.6  
 i 49 02.2  
 25 DDI eP 03 47 56  
 i 48 30.5  
 25 NDI eP 03 48 05 7.7  
 iS 49 33

25 NDI iSg 03 50 22  
 25 SHL eP 03 50 42  
 25 P00 eP 03 53 21  
 25 DDI iP 06 02 27.5 D  
 25 NDI iP 06 02 46  
 25 CHA iP 06 03 18 D  
 25 SHL iP 06 03 38 CSW  
 25 P00 eP 06 04 22  
 25 NDI i 07 08 55  
 25 EPC: 24.9°N, 122.3°E, Taiwan Region. -H=07h 35m 16.5s (USCGS). Depth = 122 Kms. Mag. 5.2 (CGS).  
 SHL iP 07 40 55 DE  
 i 41 20  
 CHA iP 07 41 30 D  
 TOC e 07 41 35  
 NDI iP 07 42 42.8 DSE  
 P00 eP 07 43 24  
 25 BOK e 08 06 44  
 25 SHL iP 08 25 42 CS  
 25 SHL iP 10 12 10 DN  
 25 BOK e 11 15 21  
 25 EPC: 23.1°S, 66.4°W, Jujuy Province Argentina. -H=12h 18m 23.9s (USCGS). Depth = 202 Kms. Mag. 4.8 (CGS).  
 NDI iPKP 12 37 45  
 25 EPC: 7.4°N, 79.7°W, South of Panama. -H=14h 29m 13.6s (USCGS). Depth = 35 Kms. Mag. 4.7 (CGS).  
 25 KOD iPKP 14 49 08.8 C  
 25 SHL iPg 16 07 32 DSW 1.0  
 iSg 07 45  
 25 CHA eP 16 08 30.3 5.6  
 S 09 36.3  
 25 NDI e 16 35 19  
 25 EPC: 8.3°S, 71.3°W, Western Brazil. -H=20h 32m 01.7s (USCGS). Depth = 587 Kms. Mag. = 4.2 (CGS).  
 NDI ePKP 20 50 34  
 25 EPC: 28.8°N, 60.3°E, Southern Iran. -H = 22h 26m 29.2s (USCGS). Depth = 41 Kms. Mag. = 4.9 (CGS).  
 NDI eP 22 29 54  
 CHA eP 22 31 41

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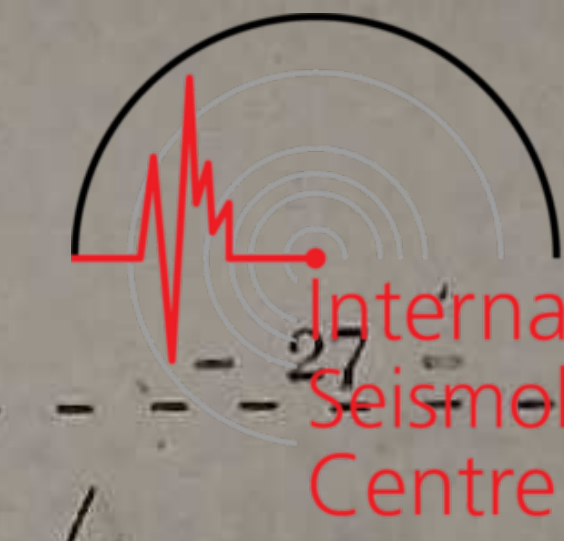
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International  
Seismological  
Centre

25	EPC: 45.5°N, 151.4°E, Kurile Islands. -H=22h 47m 58.4s (USCGS). Depth = 41 Kms. Mag. 5.5 (CGS).		
25	TOC eP 22 56 56		
	SHL iP 22 56 59 CSW 51.7		
	eS 23 04 20		
	CHA iP 22 57 20 DNE 54.0		
	S 23 04 54		
	BOK iP 22 57 39 CW 57.8		
	iS 05 32		
	CAL e 22 57 44		
	NDI iP 22 57 59 C 60.7		
	PP 23 00 13		
	eS 06 09		
	PBA iP 22 58 02 C		
	HYD iP 22 58 39 S 65.5		
	PP 23 01 09		
	S 07 32		
	e 12 00		
	MDR eP 22 58 54 68.0		
	PP 23 01 24		
	PPP 02 57		
	eS 07 54		
	PS 08 19		
	SKS 08 50		
	SS 12 12		
	LQ 16 12		
	P00 eP 22 58 58 68.5		
	eS 23 08 06		
	BOM eP 22 59 02 69.0		
	eS 23 08 09		
	KOD iP 22 59 18 CW		
	SHL iPg 23 35 35 DNE 0.77		
	iSg 34 45		
	Sn 35 50		
	CHA ePn 23 36 31.2 46.1		
	*P 36 41.2		
	Pg 36 51.2		
	Sn 37 25.2		
	Sg 37 51.2		
26	P00 eP 00 19 16		
26	BOM e 02 12 50		
26	EPC: 27.2°N, 67.5°E, West Pakistan. -H=03h 08m 26.9s (USCGS). Depth=21Kms. Mag. = 4.5 (CGS).		
	NDI eP 03 10 34 WEN 8.3		
	iS 12 09		
	DDI eP 03 10 48		
	i 12 52.1		
	P00 eP 03 10 58 12.3		
	eS 13 17		

26	BHK i 03 12 13.1		
	i 12 36.2		
	BOK eP 03 12 30		
	i 18 26		
	CHA iP 03 12 32 C		
	PP 12 43		
	i 13 05		
	S 15 43		
	MDR eP 03 12 44		
	PP 12 59		
	PPP 13 15		
	eS 16 19		
	SEH e 03 12 58		
	e 13 19		
	SHL iP 03 13 22 C		
	HYD e 03 19 12		
26	SHL iP 07 42 27 C		
	CHA iP 07 42 34.5 C		
	PP 42 42.5		
	S 43 05		
	TOC e 07 43 57		
	BOK e 07 43 59		
26	EPC: 2.4°N, 128.5°E, Halmahera. -H=07h 46m 27.4s (USCGS). Depth = 127 Kms. Mag. = 4.7 (CGS)		
	NDI e 07 48 19		
	SHL iP 07 54 09 CSW		
26	NDI e 09 20 53		
26	SHL iP 12 06 04 CNW		
26	P00 eP 12 59 18		
26	NDI e 14 11 29		
26	NDI eP 15 04 02		
26	SHL iP 15 19 42 NW		
	TOC e 15 19 55		
26	NDI eP 15 32 47		
	i 34 21		
	i 34 45		
26	EPC: 27.7°N, 139.8°E, Bonin Islands. -H=16h 22m 09.7s (USCGS). Depth = 450 Kms. Mag. = 4.1 (CGS)		
	SHL iP 16 29 27 DNE		
	CHA iP 16 29 58 D		
	NDI iP 16 30 55		
26	SHL iP 16 31 09 DSW		
26	Epc: 5.5°N, 126.3°E. -H = 17h 00m 33.1s (USCGS). Depth = 87 km. Mag. = 5.3 (CGS)		
	SHL iP 17 07 50 CNW		

5	CHA iP 17 08 27.2 C		
	iPP 10 16		
	NDI iP 17 09 33.5 D		
	MDR eP 18 09 00		
5	SHL iP 19 22 07 4.3		
	iS 22 58		
	TOC eP 19 22 10		
19.5	BOK e 19 35 47		
5	P00 eP 19 37 48		
5	SHL iPg 19 36 44 CE 1.0		
	iSg 36 57		
	EPC: 7.4°S, 67.8°E, Mid-Indian Rise. -H=20h 30m 06.2s (USCGS). Depth = 33 Kms. Mag. = 4.7 (CGS)		
	MDR eP 20 40 16		
	NDI eP 20 42 13		
	CHA eP 20 42 29		
	SHL iP 20 42 41 DSW		
	BHK i 22 39 57		
	NDI ePn 22 40 03 4.4		
	iSn 40 55		
	EPC: 9.5°S, 148.6°E, East New Guinea Region. -H=22h 39m 01.5s (USCGS). Depth = 14 Kms. Mag. 5.3 (CGS).		
	SHL iP 22 49 45 DSE		
	CHA iP 22 50 12 D		
	KOD iP 22 50 36.2 CW		
	NDI eP 22 51 00		
	P00 iP 22 51 05.0 D		
	EPC: 10.3°S, 73.9°W, Peru -H=23h 56m 48.4s (USCGS). Depth = 134 Kms. Mag. = 4.4 (CGS).		
	NDI ePKP 00 16 19		
	i 16 54		
7	SHL iP 04 04 40 DE		
7	SHL iP 06 18 32 D		
	TOC e 06 18 46		
	SHL iP 06 54 19 DNE		
	VIS iPn 08 10 41.7 2.7		
	eSn 11 17.1		
	KOD iP 08 11 14.8 CNW 5.5		
	iS 12 20.8		

27	P00 eP 08 11 22 5.6		
	eS 12 35		
	BOM ePn 08 11 42 C 6.46		
	PP 11 48.2		
	Pg 12 15.7		
	Sn 13 06		
	SEH ePn 08 11 44 6.8		
	Pg 12 05		
	SSS 13 04		
	Sn 13 12		
	e 13 53		
	BOK eP 08 12 10 10.2		
	i 13 49		
	eS 14 23		
	PBA iPn 08 12 47 D		
	i 15 05		
	CHA iP 08 12 48 C		
	e 16 20		
	e 16 43		
	i 17 33		
	NDI iP 08 12 51.4 CN		
	DDI eP 08 13 06		
	i 17 10		
	i 18 30.2		
27	SHL iP 08 13 12 CNE 14.5		
	eS 15 54		
27	BOK iP 08 13 48 E 3.9		
	iS 14 39		
27	NDI iP 08 15 08 E 7.9		
	eS 16 50		
27	BHK e 08 16 21		
	e 18 04.4		
	i 18 29.8		
27	PBA i 08 24 54.7		
27	EPC: 8.9°S, 71.3°W, Western Brazil. -H=08h 26m 34.5s (USCGS). Depth = 603 Kms. Mag. 5.3 (CGS).		
	DDI iPKP 08 44 57.5 D		
	i 47 13.3		
	NDI iPKP 08 45 04.8 DS		
	i 47 22		
	P00 ePKP 08 45 06		
	MDR ePKP 08 45 12		
	e 47 37		
	KOD iP 08 45 14.5		
	i 47 38		

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27 CHA iPKP 08 45 19.5 C  
e 45 27.4  
e 47 45.5

SHL iPKP 08 45 23

27 EPC: 38.4°N, 116.5°E, North  
Eastern China.  
-H=08h 58m 25.5s (USCGS)  
Depth = 61 Kms. Mag. 5.4 (CGS).

SHL iP 09 03 40 DNE 26.6  
PP 04 24  
PPP 04 32  
iS 08 06  
SS 09 16  
SSS 09 32

CHA eP 09 04 14 28.0  
iS 08 51

BOK iP 09 04 37 E 29.6  
PPP 05 43  
iS 09 25  
SS 10 46

NDI eP 09 05 04 32.9  
iS 10 15

27 PBA iP 09 05 13 D 34.9  
iS 10 37  
SS 13 05

MDR eP 09 06 11 42.0  
PP 07 45  
eS 12 24  
SSS 15 54

P00 eP 09 06 11  
PP 08 02  
e 12 56

BOM eP 09 06 24 45.0  
iPP 08 13  
eS 12 57  
i 14 25

KOD iP 09 06 43.9 SW  
EPC: 16.5°S, 168.1°E,  
New Hebrides Islands Felt.  
-H=10h 01m 42.0s (USCGS)  
Depth = 11 Kms. Mag. = 5.5 (CGS)  
6¼ (PAS), 5.3-5.7 (BRK)

SHL iP 10 14 20 D

27 BOM e 10 14 54  
i 26 18

NDI e 10 26 08  
e 33 40

27 P00 eP 16 09 26

27 NDI e 17 05 51

27 EPC: 5.8°N, 126.4°E,  
Mindanao Philippine Islands.  
Depth = 33 Kms.

27 SHL iP 18 26 48 SE  
PeP 29 06

NDI eP 18 28 37

27 SHL eP 18 37 01  
iS 37 26

TOC e 18 37 43

27 EPC: 20.0°N, 38.6°E, Red Sea.  
-H=19h 53m 40.5s (USCGS)  
Depth = 23 Kms. Mag. = 5.1 (CGS)

NDI eP 20 00 45

CHA iP 20 01 56 C

SHL iP 20 02 29 DSW

28 EPC: 38.5°N, 25.3°E,  
-H=00h 04m 27.5s (USCGS)  
Depth = 34 Kms. Mag. = 4.3 (CGS)

NDI eP 00 12 33

SHL iP 00 14 10 D

28 NDI iP 00 32 53.5 SCE 8.6  
eS 34 32

28 SHL eP 00 35 14

28 P00 eP 02 03 45

28 SHL iP 02 42 47 DS

28 EPC: 19.9°N, 38.6°E,  
-H = 02 41m 33.5s (USCGS)  
Depth = 33 Kms.

SHL iP 02 50 22 CNE

28 NDI ePn 04 59 44 2.5  
eSn 05 00 16

28 SHL iP 05 59 12 C

28 EPC: 14.0°S, 166.3°E,  
-H = 06h 10m 12.2s USCGS)  
Depth = 66 Kms. Mag. 4.4 (CGS)

SHL iP 06 22 28 S

28 CAL eP 08 12 24 13.9  
iS 15 00

28 NDI iPn 08 49 32.5 2.0  
iSn 49 59.0

28 BOK e 08 50 42

28 BOK e 09 00 02

28 CAL eP 09 04 19 37.4  
iS 10 08

28 CAL e 10 25 04

28 PBA iP 11 01 48 D

28 NDI iSg 11 43 05

28 EPC: 20.4°N, 145.5°E, Mariana  
Islands. -H=13h 52m 39.1s (USCGS)  
Depth = 95 Kms. Mag. = 4.0 (CGS)



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28 NDI eP 14 02 50

P00 eP 14 03 24

28 EPC: 17.1°N, 122.4°E,  
Luzon Philippine Islands.  
-H=19h 32m 25.4s (USCGS)  
Depth = 51 Kms. Mag. = 5.3 (CGS).

SHL iP 19 38 27 CNW

CHA iP 19 39 07 D

MDR eP 19 40 06  
e 54 23

NDI eP 19 40 19

P00 eP 19 40 47

28 BOM e 20 03

28 SHL iP 20 32 38 CNW

28 CHA iP 20 33 11 C

28 SHL iPg 20 50 23 DNW 0.2  
iSg 50 25

28 EPC: 17.1°N, 122.6°E, Luzan  
Philippine Islands.  
-H= 21h 23m 05.6s (USCGS).  
Depth = 47 Kms. Mag. = 4.4 (CGS).

SHL iP 21 29 10

CHA eP 21 29 48

28 NDI ePg 21 51 50.5 0.31  
i 51 54.5

28 EPC: 29.8°N, 138.7°E, South  
of Honshu Japan.  
-H=23h 50m 13.6s (USCGS)  
Depth = 411 Kms. Mag. 4.3 (CGS).

NDI iP 23 58 52.5

P00 eP 23 59 38

29 EPC: 4.8°S, 103.2°E, Southern  
Sumatra. -H=01h 07m 24.0s (USCGS)  
Depth = 92 Kms. Mag. 5.3 (CGS).

SHL iP 01 13 43 CN

NDI iP 01 15 04 42.4  
eS 21 15

29 P00 e 01 34 44

29 SHL iP 03 36 47 D

29 EPC: 27.3°N, 100.1°E, Yunnan  
Province China.  
-H = 06h 53m 10.8s (USCGS).  
Depth = 33 Kms. Mag. 4.9 (CGS).

TOC eP 06 54 20

29 SHL eP 06 55 01

CHA iP 06 55 57 C

29 NDI eP 06 57 46

29 BOK e 07 48 39

29 BOK e 08 34 26

29 EPC: 7.4°S, 68.1°E,  
Chargas, Archipelago Region  
-H= 09 31m 31.1s (USCGS)  
Depth = 33 Kms. Mag. = 5.0 (CGS).

KOD iP 09 36 03 DSW

MDR eP 09 36 39

NDI eP 09 38 39

SHL iP 09 39 06 SW

29 BOK e 09 40 20

29 EPC: 2.4°N, 138.5°E, West New  
Guinea. -H=10h 33m 38.4s (USCGS)  
Depth = 38 Kms. Mag. 5.5 (CGS).

29 MDR e 10 40 35

SHL iP 10 42 54 CW

KOD iP 10 44 04

NDI eP 10 44 25

P00 eP 10 44 34

29 TOC e 10 50 42

SHL eP 10 51 03

29 BOK e 11 45 55

29 SHL iP 12 23 16 CSW 2.6  
iS 23 48

29 NDI eP 12 39 22 5.9  
iS 40 31

29 NDI Sg 12 41 08.2

29 P00 eP 12 43 55

29 EPC: 16.5°S, 168.1°E,  
-H = 13h 12m 52.7s (USCGS)  
Depth = 33 Kms. Mag. 4.9 (CGS).

SHL iP 13 25 28 DE

29 SHL eP 14 56 36 2.3  
iS 57 05

29 TOC e 14 56 48

29 NDI i 16 02 48

29 MDR eP 16 17 12

29 EPC: 2.6°N, 128.9°E,  
-H = 16h 51m 50.9s (USCGS),  
Depth = 147 Kms.





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List of felt earthquake report received from voluntary observers  
for the month of March, 1967

S.No.	Station	Date in G.M.T.	Time in G.M.T. h m	No. of Shocks	Duration in secs.	Intensity R.F. Scale	Remarks
1.	Quazi gund (C.W.O.)	01	04 10	1	4	V	Coming from
2.	Quazi gund (C.W.O.)	10	01 35	1	2	VIII	
3.	Mohanbari (D.M.O.)	11	17 00	2 (1 Sec. Interval)	4	V	Coming North West
4.	Pasighat (NEFA)	11	16 55	1	3	V	
5.	Mohanbari (D.M.O.)	14	06 58	3 (1 sec. interval)	5	V	North South
6.	Pasighat (NEFA)	14	07 00	1	3	V	
7.	C.S.O. Shillong	26	15 23	2 (3 Sec. interval)	15	V	
8.	C.S.O. Shillong	26	15 20	1	60	V	
9.	C.S.O. Shillong	26	15 20	2	15	V	Coming from South East
10.	Gannavaram (Met. Obsy.)	27	08 10	1	4	V	East to West

MICROSEISMIC TABULATIONS

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (COLABA)					Station: BOMBAY (COLABA)				
01	00	3	0.3	4.3	08	00	3	0.4	7.5
			0.3	2.0				0.2	2.0
	06	3	0.3	3.9	06	3	3	0.3	6.6
			0.2	2.0				0.2	1.8
	12	3	0.2	2.0	12	3	3	0.3	4.8
	18	3	0.3	4.0				0.3	4.0
			0.2	2.0	18	3	3	0.3	6.5
								0.2	2.0
02	00	3	0.3	4.2	09	00	3	0.4	6.5
			0.2	2.0				0.2	1.8
	06	3	0.3	4.1	06	3	3	0.3	6.0
			0.2	2.0				0.2	1.8
	12	Shock in progress			12	3	3	0.3	6.0
	18	3	0.3	4.6				0.2	2.0
			0.2	2.0	18	3	3	0.3	6.1
								0.2	2.0
03	00	3	0.4	5.0	10	00	3	0.3	6.1
			0.2	2.0				0.2	2.0
	06	Shock in progress							
	12	3	0.3	5.0				0.2	2.0
			0.2	2.4	06	3	3	0.3	5.9
	18	3	0.3	5.0				0.2	1.8
			0.2	2.3	12	3	3	0.3	6.1
								0.2	2.0
04	00	3	0.3	5.1	18	3	3	0.3	6.2
			0.3	2.7				0.2	1.9
	06	3	0.2	2.8					
	12	3	0.3	5.1	11	00	3	0.3	6.2
			0.2	2.4				0.2	2.0
	18	3	0.3	5.0	06	3	3	0.3	6.1
			0.2	2.0				0.2	1.6
					12	3	3	0.3	6.1
05	00	3	0.4	5.2				0.2	1.7
			0.2	2.0	18	3	3	0.3	6.0
	06	3	0.3	5.0				0.2	1.7
			0.2	2.2	12	00	3	0.3	6.0
	12	3	0.3	5.0				0.2	1.8
			0.2	2.3	06	3	3	0.3	6.0
	18	3	0.3	5.5				0.2	1.9
			0.2	2.3	12	3	3	0.3	5.3
								0.2	2.0
06	00	3	0.3	5.3	18	3	3	0.3	5.8
			0.2	2.2				0.2	1.8
	06	3	0.3	4.9					
			0.3	2.3	13	00	3	0.3	5.3
	12	3	0.3	5.1				0.2	2.0
			0.3	2.3	06	3	3	0.3	2.1
	18	3	0.3	5.0				0.2	1.2
			0.2	2.3	12	3	3	0.3	5.0
								0.2	1.8
07	00	3	0.3	5.0	18	3	3	0.3	5.0
			0.2	2.2				0.3	2.0
	06	3	0.3	5.0					
			0.2	2.2	14	00	3	0.3	5.3
	12	3	0.3	6.0				0.3	2.1
			0.2	2.0	06	3	3	0.3	4.9
	18	3	0.3	6.9				0.3	2.0
			0.2	2.2					



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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (COLABA)					Station: BOMBAY (COLABA)				
14	12	3	0.3	5.0	22	00	3	0.3	5.1
			0.3	2.0				0.2	1.8
	18	3	0.3	5.3		06	3	0.3	5.0
			0.3	2.0				0.2	1.8
						12	3	0.3	5.0
15	00	3	0.3	4.9				0.2	2.1
			0.3	2.0		18	3	0.3	4.0
	06	3	0.3	5.0				0.3	2.8
			0.3	2.0	23	00	3	0.3	4.2
	12	3	0.3	5.1				0.3	3.1
			0.3	2.0		06	Surface waves		
	18	3	0.3	4.9		12	3	0.3	3.4
			0.3	1.9				0.2	1.6
16	00	3	0.3	4.9		18	3	0.3	3.4
			0.3	1.8				0.2	1.6
	06	3	0.3	4.9	24	00	3	0.3	3.0
			0.3	2.0		06	3	0.3	3.7
	12	3	0.3	5.1				0.3	2.8
			0.3	2.0		12	Shock in progress		
	18	2	0.3	5.1		18	3	0.3	4.0
17	00	3	0.3	4.0				0.3	3.0
			0.3	3.0	25	00	3	0.3	3.3
	06	3	0.3	6.0				0.2	1.8
			0.3	4.0		06	3	0.5	3.4
			0.3	3.0				0.3	2.2
	12	Shock in progress				12	3	0.2	1.6
	18	3	0.3	6.0				0.4	3.2
			0.3	4.0		18	3	0.2	1.7
18	00	3	0.3	4.1				0.5	3.7
			0.3	3.0				0.3	2.6
	06	3	0.3	5.0				0.2	1.8
			0.3	3.0	26	00	3	0.5	3.6
	12	3	0.3	3.0				0.3	2.0
	18	3	0.3	4.1		06	3	0.8	3.7
			0.3	1.7				0.2	1.8
19	00	3	0.3	2.0		12	3	0.7	4.0
	06	Surface waves						0.4	3.0
			0.2	1.5		18	3	0.9	4.0
	12	3	0.5	2.2				0.5	3.2
			0.2	1.6	27	00	3	0.5	4.3
20	00	3	0.5	2.5				0.3	3.6
			0.2	1.6		06	3	0.5	4.0
	06	3	0.5	3.1				0.3	3.3
			0.3	1.8	12	Surface waves			
	12	3	0.3	5.0		18	3	0.4	3.0
			0.3	3.0				0.3	2.1
	18	3	0.3	2.1	28	00	3	0.4	3.4
21	00	3	0.3	5.3				0.3	2.3
			0.3	2.1		06	3	0.5	3.2
	06	3	0.3	5.0				0.2	2.0
			0.3	2.4		12	3	0.4	3.1
	12	3	0.3	5.0				0.2	2.0
			0.3	2.1		18	3	0.2	2.0
	18	3	0.3	5.1				0.4	3.1
			0.2	1.6				0.2	1.9

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN PPeriod in sec.
Station: BOMBAY (COLABA)					Station: BOKARO				
29	00	3	0.4	3.0	08	00	3	0.2	5.2
			0.2	2.0		06	3	0.2	5.1
	06	3	0.4	3.1		12	3	0.2	4.6
			0.2	2.0		18	3	0.2	5.0
	12	3	0.4	3.1	09	00	3	0.3	5.0
			0.3	1.9		06	3	0.3	5.6
	18	3	0.4	3.0		12	3	0.3	5.3
			0.2	1.9		18	3	0.3	5.8
30	00	3	0.4	2.9	10	00	3	0.3	5.7
			0.2	1.9		06	3	0.3	5.9
	06	3	0.4	3.0		12	3	0.3	5.2
			0.2	2.0		18	3	0.3	5.8
	12	3	0.4	3.1	11	00	3	0.3	5.8
			0.2	1.8		06	3	0.3	5.4
	18	3	0.3	2.9		12	3	0.5	5.6
			0.2	1.6		18	3	0.5	6.2
31	00	3	0.4	3.1	12	00	3	0.3	5.6
			0.2	1.7		06	3	0.3	5.5
	06	3	0.4	2.9		12	3	0.3	5.9
			0.2	1.7		18	3	0.3	5.2
	12	3	0.3	2.9	13	00	3	0.3	5.0
			0.2	1.6		06	3	0.3	5.6
	12	3	0.3	2.7		12	3	0.2	5.2
			0.2	1.7		18	3	0.3	5.3
Station: BOKARO					Station: BOKARO				
01	00	3	0.2	5.0	14	00	3	0.3	4.8
	06	3	0.2	5.0		06	3	0.3	5.2
	12	3	0.3	5.0		12	3	0.3	5.6
	18	3	0.3	5.0		18	3	0.3	5.4
02	00	3	0.2	4.7	15	00	3	0.3	5.2
	06	3	0.3	5.0		06	3	0.3	5.0
	12	3	0.3	5.0		12	3	0.3	5.6
	18	...	-	-		18	3	0.3	5.2
03	00	...	-	-	16	00	3	0.2	4.9
	06	3	0.3	5.0		06	3	0.2	5.5
	12	3	0.2	5.1		12	3	0.2	4.8
	18	3	0.2	5.0		18	3	0.2	5.6
04	00	3	0.2	4.7	17	00	3	0.2	5.0
	06	...	-	-		06	3	0.2	5.4
	12	3	0.3	5.0		12	...	...	-
	18	3	0.3	5.3		18	3	0.3	5.4
05	00	3	0.3	5.6	18	00	3	0.2	5.4
	06	...	-	-		06	3	0.3	5.7
	12	...	-	-		12	3	0.3	5.5
	18	...	-	-		18	3	0.3	5.3
06	00	...	-	-	19	00	3	0.2	5.0
	06	3	0.3	5.5		06	...	-	-
	12	3	0.3	4.8		12	3	0.2	5.0
	18	3	0.2	5.2		18	3	0.3	5.3
07	00	3	0.2	5.0	20	00	3	0.3	5.3
	06	3	0.2	5.0		06	3	0.2	5.1
	12	3	0.2	4.9		12	...	-	-
	18	3	0.2	5.1		18	3	0.2	5.0

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOKARO					Station: CALCUTTA				
21	00	3	0.2	5.2	03	00	3	0.9	5.7
	06	3	0.2	5.0		06	3	0.9	5.4
	12	3	0.3	5.3		12	3	0.2	6.3
	18	3	0.2	5.4		18	3	0.8	2.6
22	00	3	0.2	5.0	04	00	3	1.0	2.8
	06	3	0.2	5.0		06	3	1.0	2.4
	12	3	0.2	5.0		12	3	0.6	4.2
	18	3	0.2	4.6		18	3	0.8	5.2
23	00	3	0.2	4.9	05	00	3	0.9	5.0
	06	3	-	-		06	3	0.9	6.0
	12	3	0.2	3.7		12	3	0.5	4.8
	18	3	0.2	3.6		18	3	0.4	3.5
24	00	3	0.2	4.4	06	00	3	0.9	3.8
	06	3	0.2	4.0		06	3	-	-
	12	3	-	-		12	3	0.8	5.7
	18	3	0.2	4.0		18	3	0.9	3.6
25	00	3	0.2	4.8	07	00	3	0.8	3.0
	06	3	0.1	4.9		06	3	0.8	4.7
	12	3	0.2	5.0		12	3	0.9	5.0
	18	3	0.3	5.2		18	3	1.0	4.7
26	00	3	-	-	08	00	3	0.9	4.8
	06	3	0.2	5.0		06	3	0.8	5.2
	12	3	0.2	4.7		12	3	0.6	2.5
	18	3	0.3	4.6		18	3	1.0	2.8
27	00	3	0.3	4.6	09	00	3	1.0	3.2
	06	3	0.3	4.6		06	3	0.9	3.2
	12	3	-	-		12	3	1.0	3.8
	18	3	0.3	4.7		18	3	1.0	3.1
28	00	3	0.2	4.6	10	00	3	0.8	2.2
	06	3	0.3	4.3		06	3	1.0	3.0
	12	3	0.3	4.2		12	3	0.9	2.7
	18	3	0.2	4.6		18	3	0.7	4.8
29	00	3	0.2	4.4	11	00	3	1.0	5.5
	06	3	0.3	4.6		06	3	1.0	5.7
	12	3	0.2	4.5		12	3	0.9	7.0
	18	3	0.2	4.4		18	3	1.2	4.8
30	00	3	0.2	4.4	12	00	3	1.1	4.8
	06	3	0.2	4.6		06	3	0.9	5.4
	12	3	0.2	4.7		12	3	1.0	4.7
	18	3	0.2	4.6		18	3	0.8	2.5
31	00	3	0.2	4.7	13	00	3	0.7	2.4
	06	3	0.2	4.6		06	3	0.8	3.7
	12	3	0.2	4.6		12	3	1.0	5.0
	18	3	0.2	4.7		18	3	0.9	2.8
Station: CALCUTTA					14	00	3	0.7	4.4
01	00	3	0.5	4.8		06	3	0.9	5.6
	06	3	0.3	3.8		12	3	0.8	5.6
	12	3	0.8	4.8		18	3	0.9	5.0
	18	3	0.4	4.5	15	00	3	0.9	5.2
02	00	3	0.8	4.7		06	3	0.8	5.2
	06	3	0.3	5.0		12	3	0.8	6.0
	12	3	0.8	2.6		18	3	0.7	4.4
	18	3	0.9	5.6					

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: CALCUTTA					Station: CALCUTTA				
166	00	3	0.6	4.0	29	00	3	0.7	4.2
	06	3	0.6	1.2		06	3	0.9	1.5
	12	3	0.5	4.0		12	3	0.6	4.0
	18	3	0.5	2.4		18	3	0.8	0.8
17	00	3	1.0	2.2	30	00	3	0.9	3.8
	06	3	1.0	2.5		06	3	0.5	3.7
	12	3	0.7	5.8		12	3	0.6	0.8
	18	3	0.9	5.0		18	3	0.3	4.0
18	00	3	0.9	5.0	31	00	3	0.3	4.7
	06	3	0.6	4.7		06	3	0.4	0.8
	12	3	1.0	5.0		12	3	0.6	1.0
	18	3	1.0	5.0		18	3	0.6	1.1
19	00	3	1.0	5.0	Station: GOA Comp. N-5				
	06	3	1.0	5.1	01	00	3	0.7	2.4
	12	3	1.0	5.0		06	3	0.4	2.4
	18	3	0.7	4.0		12	3	0.9	4.0
20	00	3	0.7	3.9		18	3	1.0	4.0
	06	3	0.9	3.5	02	00	3	1.0	4.2
	12	3	1.5	2.6		06	3	-	-
	18	3	-	-		12	3	-	-
21	00	3	0.9	2.5		18	3	-	-
	06	3	0.8	5.0	03	00	3	1.2	4.8
	12	3	0.9	2.5		06	3	1.1	4.0
	18	3	0.8	5.0		12	3	0.5	2.6
22	00	3	0.9	5.0	04	00	3	1.2	4.2
	06	3	1.0	4.5		06	3	1.1	4.2
	12	3	0.8	5.3		12	3	0.6	3.2
	18	3	0.9	5.2		18	3	-	-
23	00	3	0.8	5.5	05	00	3	0.6	3.0
	06	3	0.3	2.7		06	3	0.7	4.0
	12	3	1.0	3.7		12	3	0.6	4.0
	18	3	0.9	2.6		18	3	0.6	4.2
24	00	3	0.9	4.7	06	00	3	0.4	3.6
	06	3	0.8	4.0		06	3	0.8	4.2
	12	3	0.4	4.4		12	3	0.9	4.0
	18	3	0.4	3.8		18	3	1.0	4.0
25	00	3	0.4	3.8	07	00	3	0.9	4.2
	06	3	0.6	4.7		06	3	0.9	3.6
	12	3	0.5	4.0		12	3	0.7	3.8
	18	3	0.4	4.2		18	3	0.5	3.8
26	00	3	0.8	4.2	08	00	3	0.7	3.6
	06	3	1.0	4.7		06	3	-	-
	12	3	0.9	4.4		12	3	-	-
	18	3	0.9	4.4		18	3	0.5	3.4
27	00	3	0.4	4.5	09	00	3	0.5	3.0
	06	3	0.3	1.2		06	3	-	-
	12	3	0.3	1.0		12	3	-	-
	18	3	0.9	4.3		18	3	-	-
28	00	3	1.0	4.0	10	00	3	-	-
	06	3	0.9	4.2		06	3	-	-
	12	3	0.9	4.6		12	3	1.1	4.0
	18	3	0.8	4.6		18	3	0.6	4.0

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DATE	HOUR	K	MEAN Amplitude	MEAN PERIOD	DATE	HOUR	K	MEAN Amplitude	MEAN PERIOD
GMT			in mm	in sec.	GMT			in mm	in sec.
Station: GOA Comp. N-S					Station: GOA Comp. N-S				
11	00	3	0.6	4.0	23	00	3	0.8	3.4
	06	3	0.7	3.0		06	...	-	-
	12	3	1.1	4.2		12	...	-	-
	18	3	0.7	4.0		18	...	-	-
12	00	3	0.8	4.4	24	00	...	-	-
	06	3	0.8	4.0		06	3	0.3	2.8
	12	3	0.9	4.0		12	3	1.1	4.0
	18	3	0.6	3.8		18	3	0.6	3.0
13	00	3	0.4	4.0	25	00	3	0.7	3.6
	06	3	0.5	4.0		06	3	0.7	3.4
	12	3	0.6	4.0		12	3	0.6	3.6
	18	3	0.4	3.0		18	3	0.6	3.2
14	00	3	0.8	4.0	26	00	...	-	-
	06	3	0.6	3.8		06	3	0.7	3.8
	12	3	1.5	4.2		12	3	0.6	3.4
	18	3	0.5	3.0		18	3	0.7	3.6
15	00	3	0.5	3.6	27	00	3	1.0	4.0
	06	3	0.3	3.0		06	3	0.7	3.0
	12	3	0.2	3.0		12	3	0.9	3.4
	18	3	0.2	3.2		18	3	1.2	4.0
16	00	3	0.1	2.8	28	00	3	1.0	3.8
	06	3	0.2	3.2		06	3	0.9	3.8
	12	3	0.5	3.2		12	3	1.4	4.0
	18	...	-	-		18	3	1.2	3.8
17	00	3	0.9	4.2	29	00	3	0.8	3.0
	06	...	-	-		06	3	0.8	3.0
	12	...	-	-		12	3	0.9	3.8
	18	3	0.4	3.2		18	3	0.8	3.2
18	00	3	0.4	3.0	30	00	3	0.7	3.0
	06	3	1.0	4.2		06	3	0.8	3.8
	12	3	0.5	3.8		12	3	1.1	3.8
	18	3	0.3	2.8		18	...	-	-
19	00	3	0.5	3.2	31	00	...	-	-
	06	3	0.5	3.2		06	...	-	-
	12	3	0.7	4.2		12	...	-	-
	18	3	0.8	4.4		18	...	-	-
20	00	3	0.4	3.0	Station: MADRAS				
	06	3	0.3	3.4	01	00	2	0.2	2.6
	12	3	0.6	3.8		03	2	0.2	2.7
	18	3	0.5	3.6		06	2	0.2	2.7
21	00	3	0.9	4.4		12	2	0.2	2.9
	06	3	0.8	3.8		18	2	0.2	2.9
	12	3	0.3	2.8	02	00	2	0.2	2.9
	18	3	0.3	3.2		06	2	0.2	2.9
22	00	3	0.6	3.8		12	2	0.2	2.8
	06	3	0.6	3.6		18	2	0.2	2.7
	12	3	0.5	3.2	03	00	2	0.2	2.9
	18	3	1.0	4.0		03	2	0.2	2.9
						06	2	0.2	2.8
						12	2	0.2	2.8
						18	2	0.2	2.8
							2	0.2	2.9

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DATE	HOUR	K	MEAN Amplitude	MEAN PERIOD	DATE	HOUR	K	MEAN Amplitude	MEAN PERIOD
GMT			in mm	in sec.	GMT			in mm	in sec.
Station: MADRAS					Station: MADRAS				
04	00	2	0.2	2.9	14	00	2	0.3	5.2
	03	2	0.2	5.2		03	2	0.3	5.2
	06	...	No Record	-		06	2	0.3	5.3
	12	2	0.2	5.3		12	2	0.3	5.1
	18	2	0.3	5.4		18	2	0.3	5.1
05	00	2	0.3	5.5	15	00	2	0.3	5.1
	03	2	0.3	5.7		03	2	0.3	5.2
	06	2	0.3	5.7		06	2	0.3	5.2
	12	2	0.3	5.5		12	2	0.3	5.1
	18	2	0.3	5.5		18	2	0.3	5.1
06	00	2	0.3	5.5	16	00	2	0.3	5.1
	03	2	0.3	5.3		03	3	0.1	1.5
	06	2	0.3	5.4		06	3	0.1	1.5
	12	2	0.3	5.3		12	2	0.3	5.1
	18	2	0.3	5.3		18	2	0.3	5.1
07	00	2	0.3	5.2	17	00	2	0.3	5.2
	03	2	0.3	6.6		03	3	0.1	1.5
	06	2	0.3	7.0		06	3	0.1	1.5
	12	2	0.3	7.3		12	2	0.3	5.1
	18	2	0.3	7.4		18	2	0.3	5.1
08	00	2	0.3	7.5	18	00	3	0.2	2.0
	03	2	0.5	7.5		03	3	0.2	2.0
	06	2	0.4	7.5		06	3	0.1	1.5
	12	2	0.5	7.5		12	...	Earthquake	-
	18	2	0.5	7.6		18	3	0.2	1.8
09	00	2	0.5	7.6	19	00	2	0.6	2.5
	03	2	0.3	7.3		03	2	0.7	2.2
	06	2	0.3	7.1		06	3	0.2	2.0
	12	2	0.3	7.3		12	2	0.3	2.2
	18	2	0.3	6.8		18	2	0.5	2.3
10	00	2	0.3	7.3	20	00	...	No record	-
	03	2	0.3	6.6		03	...	No record	-
	06	2	0.3	6.5		06	2	0.5	2.1
	12	2	0.3	6.4		12	...	No record	-
	18	2	0.3	5.9		18	...	No record	-
11	00	2	0.4	5.9	21	00	3	0.1	1.8
	03	2	0.4	6.0		03	2	0.3	4.8
	06	2	0.5	6.2		06	2	0.3	5.0
	12	2	0.4	6.1		12	2	0.3	4.9
	18	2	0.4	6.2		18	2	0.3	5.0
12	00	2	0.4	6.0		18	2	0.3	5.0
	03	2	0.3	5.7	22	00	2	0.3	4.7
	06	2	0.3	5.5		03	3	0.1	1.7
	12	2	0.3	5.4		06	2	0.3	5.0
	18	2	0.3	5.6		12	2	0.3	5.0
13	00	2	0.3	5.6		18	2	0.3	5.0
	03	2	0.3	5.3		3	3	0.1	1.7
	06	2	0.3	5.2					
	12	2	0.3	5.1					
	18	2	0.3	5.1					

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS									
23	00	2	0.3	4.7	02	00	3	1.2	3
		3	0.2	1.9		06	3	1.2	3
	03	...	Earthquake			12	3	1.2	3
	06	...	Earthquake			18	3	1.2	3
	12	2	0.2	2.0	05	00	3	1.2	2
	18	2	0.3	2.2		06	3	1.2	2
24	00	2	0.4	2.3		12	3	0.8	7
	03	2	0.4	2.4		18	3	0.8	2
	06	2	0.4	2.4	04	00	3	0.8	7
	12	2	0.4	2.4		06	3	0.8	7
	18	2	0.4	2.5		12	3	0.8	7
25	00	2	0.4	2.5		18	3	0.8	7
	03	2	0.4	2.5	05	00	3	0.8	7
	06	2	0.4	2.5		06	3	0.8	7
	12	2	0.3	2.5		12	3	0.8	7
	18	2	0.3	2.5		18	3	0.8	7
26	00	2	0.2	2.5	06	00	3	0.8	7
	03	2	0.2	2.5		06	3	0.4	6
	06	2	0.4	4.3		12	3	0.4	7
	12	2	0.4	4.4		18	3	0.4	7
	18	2	0.5	4.5					
27	00	2	0.5	4.5	07	00	3	0.4	7
	03	2	0.5	4.5		06	...	-	-
	06	2	0.5	4.5		12	3	0.8	7
	12	2	0.6	4.5		18	3	0.8	7
	18	2	0.7	4.5	08	00	3	1.2	7
28	00	2	0.7	4.5		06	...	-	-
	03	2	0.8	4.5		12	...	-	-
	06	2	0.8	4.4		18	...	-	-
	12	2	0.8	4.1	09	00	...	-	-
	18	2	0.7	4.3		06	...	-	-
29	00	2	0.7	4.3		12	...	-	-
	03	2	0.6	4.0		18	...	-	-
	06	2	0.6	4.0	10	00	...	-	-
	12	2	0.6	4.0		06	...	-	-
	18	2	0.5	4.0		12	...	-	-
30	00	2	0.5	3.8		18	...	-	-
	03	...	Earthquake		11	00	...	-	-
	06	2	0.4	3.7		06	...	-	-
	12	2	0.4	3.6		12	...	-	-
	18	2	0.4	3.5		18	...	-	-
31	00	2	0.4	3.5	12	00	...	-	-
	03	2	0.4	3.7		06	3	1.2	7
	06	2	0.4	3.6		12	3	1.2	7
	12	2	0.4	3.6		18	3	0.8	7
	18	2	0.3	3.6					
Station: PORT BLAIR									
01	00	3	0.8	3	13	00	3	0.8	3
	06	3	0.8	3		06	3	0.8	7
	12	3	1.2	3		12	3	0.8	7
	18	3	1.2	3		18	3	0.8	7

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR									
14	00	...	-	-	26	00	...	-	-
	06	3	0.8	6		06	3	0.4	5
	12	3	0.8	6		12	3	0.4	5
	18	3	0.8	6		18	3	0.4	6
15	00	3	0.8	6	27	00	3	0.4	6
	06	3	0.8	6		06	3	0.4	4
	12	3	0.8	6		12	...	-	-
	18	3	0.8	7		18	3	0.4	4
16	00	3	0.8	7	28	00	3	0.4	4
	06	3	0.8	7		06	3	0.4	5
	12	3	0.8	7		12	3	0.4	5
	18	3	0.8	7		18	3	0.4	5
17	00	3	0.8	7	29	00	3	0.4	5
	06	3	0.8	7		06	3	0.4	5
	12	...	-	-		12	3	0.4	5
	18	3	0.8	7		18	3	0.4	5
18	00	3	0.8	7	30	00	3	0.4	5
	06	3	0.8	7		06	3	0.4	5
	12	3	0.8	7		12	3	0.4	5
	18	3	0.8	7		18	3	0.4	5
19	00	3	0.8	7	31	00	3	0.4	5
	06	3	0.8	7		06	3	0.4	6
	12	3	0.8	7		12	3	0.4	6
	18	3	0.8	7		18	3	0.4	6
20	00	3	0.8	7	Station: SHILLONG				
	06	3	0.8	6	01	00	3	0.3	4.2
	12	3	0.8	5		06	3	0.3	4.2
	18	3	0.8	5		12	3	0.2	3.8
21	00	3	0.8	5		18	3	0.3	4.0
	06	3	0.8	5	02	00	3	0.2	3.8
	12	3	0.8	5		06	3	0.3	4.2
	18	3	0.8	5		12	3	0.3	4.0
22	00	3	0.8	5		18	3	0.4	4.2
	06	3	0.4	5	03	00	3	0.3	4.4
	12	3	0.4	5		06	3	0.3	4.0
	18	3	0.4	5		12	3	0.2	3.8
23	00	3	0.4	5		18	3	0.3	4.0
	06	...	-	-	04	00	3	0.3	4.0
	12	3	0.4	5		06	3	0.3	3.8
	18	3	0.4	5		12	3	0.4	4.4
24	00	3	0.4	5		18	3	0.3	3.8
	06	3	0.4	4	05	00	3	0.4	5.0
	12	...	-	-		06	3	0.4	4.2
	18	3	0.4	3		12	3	0.3	4.2
25	00	3	0.4	3		18	3	0.3	4.2
	06	3	0.4	3	06	00	3	0.3	4.8
	12	3	0.4	3		06	3	0.3	4.0
	18	3	0.4	3		12	3	0.4	4.2
						18	3	0.3	4.2

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: SHILLONG									
07	00	3	0.3	4.0	19	00	3	0.3	4.2
	06	3	0.3	4.0		06	3	0.3	4.2
	12	3	0.2	4.0		12	3	0.2	4.0
	18	3	0.3	4.2		18	3	0.3	4.2
08	00	3	0.3	4.0	20	00	3	0.3	4.2
	06	3	0.3	3.8		06	3	0.2	4.2
	12	3	0.3	4.0		12	3	0.2	4.2
	18	3	0.4	4.2		18	3	0.3	4.2
09	00	3	0.2	4.0	21	00	3	0.2	4.0
	06	3	0.3	4.2		06	3	0.2	4.0
	12	3	0.3	4.2		12	3	0.2	4.2
	18	3	0.3	3.8		18	3	0.2	4.2
10	00	3	0.3	4.0	22	00	3	0.2	4.0
	06	3	0.3	4.2		06	3	0.2	4.0
	12	3	0.3	4.0		12	3	0.2	4.2
	18	3	0.4	4.8		18	3	0.2	4.0
11	00	3	0.4	4.4	23	00	3	0.2	3.6
	06	3	0.4	5.0		06	3	0.2	4.0
	12	3	0.4	5.0		12	3	0.2	4.0
	18	3	0.4	5.0		18	3	0.2	4.0
12	00	3	0.4	5.0	24	00	3	0.1	3.8
	06	3	0.3	4.2		06	3	0.2	4.0
	12	3	0.3	4.0		12	3	0.2	4.0
	18	3	0.3	4.0		18	3	0.2	4.0
13	00	3	0.3	4.0	25	00	3	0.2	4.0
	06	3	0.3	4.0		06	3	0.2	4.0
	12	3	0.4	4.4		12	3	0.2	4.2
	18	3	0.3	4.4		18	3	0.2	4.2
14	00	3	0.4	4.4	26	00	3	0.2	4.0
	06	3	0.3	4.4		06	3	0.2	4.2
	12	3	0.2	4.0		12	3	0.2	4.4
	18	3	0.3	4.0		18	3	0.2	4.0
15	00	3	0.3	4.2	27	00	3	0.2	3.8
	06	3	0.3	4.2		06	3	0.2	4.2
	12	3	0.2	4.0		12	3	0.1	4.0
	18	3	0.2	4.0		18	3	0.2	4.4
16	00	3	0.3	4.0	28	00	3	0.2	4.0
	06	3	0.3	4.0		06	3	0.2	4.2
	12	3	0.3	4.0		12	3	0.3	4.2
	18	3	0.3	4.2		18	3	0.2	4.0
17	00	3	0.2	4.6	29	00	3	0.2	4.2
	06	3	0.3	4.2		06	3	0.2	4.0
	12	...	-	-		12	3	0.2	4.0
	18	3	0.3	4.0		18	3	0.3	4.2
18	00	3	0.3	4.2	30	00	3	0.3	4.2
	06	3	0.2	4.0		06	3	0.3	4.2
	12	3	0.2	4.0		12	3	0.2	4.2
	18	3	0.3	4.0		18	3	0.3	4.2

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: SHILLONG					Station: TRIVANDRUM				
31	00	3	0.2	4.2	26	00	2	0,0	
	06	3	0.2	4.0		06	2	0.2	2.0
	12	3	0.2	4.2		12	2	0.2	2.0
	18	3	0.3	4.2		18	2	0.5	2.0
Station: TRIVANDRUM					Station: VISAKHAPATNAM				
01	00	2	0.4	2.6	27	00	2	0.3	2.0
	06	2	0.3	2.8		06	2	0,0	
	12	2	0.4	2.8		12	2	1.1	5.0
	18	2	0.5	2.8		18	2	1.3	5.0
02	00	2	0.6	3.0	28	00	2	1.1	4.5
	06	3	0.4	3.1		06	2	1.1	4.6
	12	2	0.3	3.0		12	2	1.3	5.0
	18	2	0,0			18	2	1.5	4.8
03	to Minute microseismic movement not measurable				29	00	2	1.3	4.7
04	measurable					06	2	1.1	4.5
05	00	2	0,0			12	2	0.9	4.5
	06	2	0,0			18	2	0.7	4.1
	12	2	0,0		30	00	2	0.6	4.1
	18	2	0.3	2.2		06	2	0.5	4.1
06	00	2	0,0			12	2	0.3	3.8
	06	2	0,0			18	2	0.3	3.6
	12	2	0,0		31	00	2	0.4	3.6
	18	2	0.2	2.2		06	2	0.3	3.8
07	to Minute microseismic movement not measurable					12	2	0.4	3.8
09	not measurable					18	2	0.4	4.0
10	00	2	0,0		Notification:- 0,0 = Very minute microseismic movement not measurable.				
	06	2	0,0		Station: VISAKHAPATNAM				
	12	2	0,0		01	00	A00	-	-
	18	2	0.3	2.8		06	2	0.4	4.3
11	00	2	0,0			12	2	0.3	4.2
	06	2	0,0			18	2	0.4	4.3
	12	2	0.3	2.2	02	00	00	-	-
	18	2	0.3	2.2		06	2	0.5	4.6
12	to Minute not measurable					12	B....	-	-
18	not measurable					18	00	-	-
19	00	2	0,0		03	00	00	-	-
	06	2	0,0			06	2	0.4	4.3
	12	2	0.3	4,0		12	2	0.4	4.4
	18	2	0.5	4.0		18	2	0.4	4.2
20	00	2	0.4	4.0	04	00	00	-	-
	06	2	0,0			06	B....	-	-
	12	2	0,0			12	2	0.4	4.5
	18	2	0,0			18	C....	-	-
21	to Minute not measurable movement.				05	00	00	-	-
24	not measurable					06	2	0.6	5.8
25	00	2	0.5	4.0		12	2	0.6	6.2
	06	2	0.4	4.0		18	2	0.5	5.2
	12	2	0.4	4.0					
	18	2	0,0						

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: VISAKHAPATNAM									
06	00	00	-	-	18	00	1	0.2	0.9
	06	2	0.5	5.2		06	1	0.2	0.9
	12	2	0.5	5.1		12	1	0.2	0.9
	18	2	0.4	4.9		18	D....	-	-
07	00	00	-	-	19	00	1	0.2	0.8
	06	2	0.5	5.1		06	1	0.2	0.9
	12	2	0.5	5.0		12	1	0.2	0.8
	18	2	0.5	5.0		18	1	0.2	0.8
08	00	00	-	-	20	00	.1..	0.2	0.9
	06	2	0.4	5.0		06	1	0.2	1.1
	12	2	0.4	4.8		12	1	0.2	0.9
	18	2	0.5	4.9		18	1	0.2	0.9
09	00	00	-	-	21	00	D....	-	-
	06	2	0.4	4.9		06	2	0.4	5.3
	12	2	0.4	5.0		12	2	0.4	5.4
	18	C....	-	-		18	2	0.4	5.5
10	00	D....	-	-	22	00	2	0.4	5.4
	06	2	0.4	5.0		06	2	0.5	5.2
	12	2	0.4	5.0		12	2	0.5	5.1
	18	2	0.5	5.6		18	D....	-	-
11	00	2	0.6	5.6	23	00	00	-	-
	06	2	0.5	5.9		06	00	-	-
	12	2	0.6	6.3		12	00	-	-
	18	2	0.6	6.5		18	00	-	-
12	00	2	0.5	5.3	24	00	00	-	-
	06	2	0.5	5.8		06	00	-	-
	12	2	0.4	5.2		12	00	-	-
	18	2	0.4	5.4		18	1	0.3	2.5
13	00	2	0.4	5.2	25	00	1	0.3	2.4
	06	2	0.4	5.6		06	D....	-	-
	12	2	0.4	5.6		12	2	0.4	5.0
	18	2	0.4	5.5		18	2	0.4	5.0
14	00	2	0.4	5.4	26	00	00	-	-
	06	2	0.4	5.1		06	2	0.4	5.0
	12	2	0.4	5.2		12	2	0.4	4.9
	18	2	0.4	5.1		18	2	0.4	5.0
15	00	2	0.4	5.1	27	00	2	0.4	4.9
	06	2	0.4	5.5		06	2	0.4	4.8
	12	2	0.4	5.4		12	2	0.4	4.9
	18	2	0.4	5.5		18	2	0.5	5.0
16	00	2	0.4	5.4	28	00	2	0.4	4.8
	06	2	0.4	5.4		06	2	0.4	4.8
	12	2	0.4	5.3		12	2	0.4	4.9
	18	2	0.4	5.2		18	2	0.4	4.7
17	00	2	0.4	5.1	29	00	2	0.4	4.8
	06	1	0.2	0.9		06	2	0.4	4.9
	12	C....	-	-		12	2	0.4	4.7
	18	1	0.2	0.9		12	2	0.4	4.9
						18	2	0.4	5.0

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DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: VISAKHAPATNAM									
30	00	2	0.4	4.8	31	00	2	0.4	4.8
	06	2	0.4	4.9		06	2	0.4	5.2
	12	2	0.4	4.9		12	2	0.4	5.1
	18	2	0.4	4.8		18	2	0.3	4.9

- A = Microseismic not measurable
- B = Power Failure
- C = Earthquake in progress
- D = No record due to the defect in the time marking relay.

DATE	STN	PHASE	H.	M.	S.	REMARKS
11	*BOK	eP	16	58	58	8.8 from page 12
		iS	17	00	39	
		SS		01	23	
		SSS=LR		01	33	
		PcP		04	50	
		PcS=ScP		08	18	
19	**MDR	iP	01	19	58	CE 52.0 from page 19
		pP		20	18	
		PP		21	52	
		eS		27	15	
		SS		30	49	
24	***DDI	eP	11	13	42	7.6 from page 24
		eS		15	16	
		SS		15	20	