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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

PUBLISHED UNDER THE DIRECTION OF
SHRI C. RAMASWAMY
DIRECTOR GENERAL OF OBSERVATORIES.

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List of Seismograph Stations with their Instruments and Constants

Station and abbreviation	Latitude o ' N	Longitude o ' E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Tg	Vmax	Damping h_1	Damping h_2	Constant	Paper speed mm/min.
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500	-		1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1		1	20
						N	1.01	1.17	5500	1		1	20
						E	1.02	1.15	5600	1		1	20
Bokaro	23.47	85.53		Rock	Press-Ewing	Z	15	100		-		1	15
						N	15	100		-		1	15
BOK						E	15	94		-		1	15
					Sprengnether	E	7.3	7.3	5000			1	30
					Wood-Anderson	N	0.8	0.8	940	1			30
						E	0.8	0.8	950	1			30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	N	12	12	250	0.7			8
						E	12	12	250	0.7			8
BOM					Sprengnether	E	7.3		5000			1	30
					Benioff	Z	-		-	-		1	30 for LP Galvanometer 60 for SP
Calcutta	22.32	88.20	7 Milne-Shaw	Alluvium	Milne-Shaw	E	12		250	0.7			8
CAL			6 Omori-Ewing		Omori-Ewing	E	19		30	-			25.4
						N	15		32	-			25.4
					Sprengnether	N	7.0	7.0	1000			1	30
Chatra	26.50	87.10	161	Sand stone	Benioff	Z	0.72	0.45	-	-		1	60
CHA					Wood-Anderson	N	0.8		1000	1			30
						E	0.8		1000	1			30
					Milne-Shaw	N	12		250	1			15
						E	12		250	1			15
					Wanner Accelerograph	ZNE	0.1		50	0.6			600
Delhi	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.5	7.5	5000			1	30
NDI					Wood-Anderson	E	0.8		1000	1			30
						N	0.8		1000	1			30
					Milne-Shaw	N	12		250	0.7			8
					Benioff(SP)	Z	1.0	0.75	50K for			1	60
						N	1.0	0.75	50K T_E=1			1	60
						E	1.0	0.77	50K sec.			1	60
					Sprengnether	Z	15	100	1500 for			1	15
					(LP)	N	15	100	1500 T_E=15			1	15
						E	15	100	1500 sec			1	15
Dehra Dun	30.19	78.03	582	Gravel	Wilson-Lemison	Z	1.3	1.3	-	-		1	60
DDI					Wood-Anderson	N	0.8		970	1			30
						Z	0.8		1000	1			30
					Milne-Shaw	N	12		250	0.7			8
					Sprengnether	Z	15	100 for T_E=15 sec	1500	1		1	30
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5	-			1	30
GOA						E	7.4	7.4	5000			1	30
						N	7.5	7.5	5000			1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		243.5	0.7			8
HYD						N	12		250.2	0.7			8
Kodaikanal	10.14	77.28	2345	Rock	Benioff	Z	1.0	0.75	100K for			1	60
KOD					(SP)	N	1.0	0.75	100K T_E=1			1	60
						E	1.0	0.75	100K secs			1	60
					Sprengnether	Z	15	100	1500 for			1	30
					(LP)	N	15	100	1500 T_E=15			1	30
						E	15	100	1500 secs			1	30
					Milne-Shaw	E	12		250	0.7			8
Madras	13.00	80.11	15		Sprengnether	Z	7.5	7.5				1	30
MDR													
Poona	18.32	73.51	560	Deccan Trap	Benioff	Z	1.0	0.75	50K for			1	60
POO					(SP)	N	1.0	0.75	50K T_E=1			1	60
						E	1.0	0.75	50K secs			1	60
					Sprengnether	Z	15	100	3000 for			1	15
					(LP)	N	15	100	1500 T_E=15			1	15
						E	15	100	1500 secs			1	15
Port Blair	11.40	92.43	-	-	Milne-Shaw	Z	12		250	0.7			30
PBA					Wood-Anderson	N	2.0		890	0.7			30
						E	0.8		810	0.8			30
					Benioff	Z	1.0	1.6	-			1	
Sehore	23.10	77.05			Wood-Anderson	N	0.8		850	1			30
SEH						E	0.8		950	1			30
Shillong	25.34	91.53	1500	Quartzite Sandstone (Shillong Quartzite)	Benioff (SP)	Z	1	0.75	200K for			1	60
SHL						N	1	0.75	200K T_E=1			1	60
						E	1	0.75	200K sec			1	60
					Press-Ewing	Z	15	100	3000 for			1	30
					(LP)	N	15	100	3000 T_E=15			1	30
						E	15	100	3000 secs			1	30
					Sprengnether	E	5.7	5.7	2600			1	30
					Milne-Shaw	N	12		250	0.7			8
					Wanner Accelerograph	Z,N,E	0.1		Nearly 50	0.6			600
Tocklai	25.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1			60
TOC													
Visakha-patnam	17.43	83.18			Sprengnether	E	7.0	7.0	5000			1	30
VIS					Wood-Anderson	E	2.0		950	1			30
						N	0.8		950	1			30
					Electromagnetic(S.P.)	Z	1.55	1.65	5000	1		1	50

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DATE	STN	PHASE	H.	M.	S.		△ km
01	SHL	iP	06	00	42	C	
01	SHL	eP	12	35	45		
01	NDI	i	18	05	51		
01	DDI	iP	18	34	13	C	
		i		34	42		
	CHA	e	18	35	17		
01	SHL	iPg	20	15	42	R	110
		iSg		15	56		
	TOC	eP	20	15	49		
	CHA	e	20	16	38		
01	SHL	iP	21	25	39	C	290
		iS		26	11		
	TOC	e	21	26	21		
	CHA	iP	21	26	39	R	140
		S		27	57		
01	SHL	ePg	23	04	14	C	100
		iSg		04	27		
02	SHL	iP	00	39	08	R	
02	SHL	eP	00	39	40		
02	SHL	iP	04	11	53	NER	
	DDI	iP	04	13	11.5	R	
	BHA	iP	04	13	19		
	NDI	iP	04	13	20	NER	
	POO	iP	04	14	07.3		
02	DDI	e	04	20	01.5		
	NDI	i	04	20	14		
	CHA	iP	04	20	31		180
		iS		20	53		
	SHL	eP	04	20	45		370
		iS		21	25		
02	SHL	eP	05	04	06	NER	
02	DDI	eP	05	04	23		
	NDI	eP	05	04	32	C	
02	SHL	eP	05	53	20		420
		iS		54	08		
		iSg		54	26		
02	NDI	eP	11	17	42		
	DDI	e	11	20	32		
02	SHL	iP	12	46	00		
02	SHL	iP	13	38	19		
02	DDI	eP	16	37	29		
	NDI	eP	16	37	31		

DATE	STN	PHASE	H.	M.	S.		△ km
02	NDI	eP	18	39	24		
	SHL	iP	18	39	0	C	2080
		iS		43	00		
02	SHL	ePg	19	11	42		130
		iSg		11	58		
02	SHL	eP	19	26	26		
02	SHL	iP	19	37	07		
02	SHL	iP	20	34	10	C	
02	SHL	iPg	21	07	49	R	40
		iSg		07	54		
02	SHL	eP	21	56	20		130
		iS		56	38		
02	POO	eP	23	21	01		
	SHL	iP	23	22	13		
03	SHL	iP	04	28	32		
03	SHL	iP	04	29	10		
03	SHL	iP	09	19	54	R	180
		iS		20	14		
03	SHL	iP	15	57	05	C	
03	CHA	iP	18	35	32	R	
	SHL	iP	18	35	37	C	
	KOD	iP	18	35	46	SEC	10
03	CHA	iPg	20	02	55		
		Sg		02	56		
04	SHL	iPg	04	42	31	C	100
		iSg		42	44		
04	DDI	e	06	49	11		
04	PBA	eP	07	44	49		205
		i		44	53		
		i		44	58		
		i		45	02		
		iS		45	14		
		iSg		45	22		
	SHL	eP	07	47	24		
	BOK	eP	07	47	49		
	CHA	e	07	48	06		
	POO	eP	07	49	01		
	NDI	iP	07	49	21	NW	
	DDI	eP	07	49	28		

04 Epc: 11.8N, 95.0E Andaman Island. H= 07h 47m 00s. Depth 33km (USCGS). Mag. 5.1(CGS).

	PBA	iPn	07	47	39		250

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DATE	STN	PHASE	H.	M.	S.		△ km
04	PBA	PP	07	47	47		
Contd.		i		47	55		
		i		47	59		
		iSn		48	08		
		iSg		48	17		
	CHA	i	07	50	54		
	NDI	eP	07	52	11		
	DDI	iP	07	52	15.5	R	1689
	VIS	e	07	49	59		
		i		52	23		
	SHL	i	07	50	13	C	
	KOD	iP	07	51	06.5	EC	
04	BOK	i	08	11	10		
04	SHL	eP	09	09	20		
04	POO	eP	11	44	52		
04	POO	eP	12	36	10		
04	POO	iP	13	07	33.5	C	
	NDI	iP	13	07	36	C	
	DDI	iP	13	07	37	C	
	KOD	eP	13	07	39	SEC	
	SHL	iP	13	07	54	C	
04	SHL	iP	13	08	36	C	
04	POO	iP	17	00	52		
04	KOD	ePn	17	03	54		333
		iSn		04	31		
04	SHL	iP	21	07	52	R	
04	SHL	iP	21	50	28	R	
04	SHL	iP	23	00	30	C	
05	SHL	eP	00	46	43		
05	POO	eP	02	31	31		
05	POO	eP	04	05	37		
05	DDI	eP	05	55	59.5		
	NDI	eP	05	56	07	C	
	POO	iP	05	56	59	C	
05	SHL	iP	07	13	12	R	
	POO	eP	07	14	39		
05	BOK	e	08	23	16		
05	POO	eP	08	39	22		
05	BOK	e	08	55	50		
	BOK	eP	09	06	41		
05	SHL	iP	09	48	25	C	
05	POO	eP	10	21	58		

DATE	STN	PHASE	H.	M.	S.		△ km
05	DDI	iP	10	28	34		890
		eS		30	06		
05	NDI	iP	10	28	44	SEC	960
		iS		30	22		
	BHA	i	10	29	23.4		
	CHA	iP	10	30	19	R	
	POO	eP	10	30	37		
	SHL	iP	10	31	01	R	
05	SHL	iP	10	47	28	R	
05	POO	eP	10	49	02		
05	SHL	eP	16	20	22		
05	SHL	iP	17	02	38	C	
05	Epc: 13.2N, 95.5E, Andaman Islands Region. Depth 37Kms (USCGS). H= 17h 21m 28.4s. Mag. = 5.3(CGS).						
	PBA	iP	17	22	16	NWR	310
		iP*		22	19		
		PP		22	22		
		iPg		22	26		
		iSn		22	48		
		iS*		22	59		
		iSg		23	04		
		i		23	12		
	CAL	eP	17	24	14		1300
		iS		26	27		
	SHL	iP	17	24	22	NWC	1390
		PP		24	32		
		PPP		24	39		
		iS		26	44		
		SS		26	57		
		SSS		27	10		
	VIS	iP	17	24	23	WR	1390
		iPP		24	35		
		iPPP		24	42		
		i		24	48		
		iS		26	45		
	BOK	eP	17	24	42		
	TOC	e	17	24	48		
		i		26	26		
		i		26	45		
	MDR	iP	17	24	57		1650
		PP		25	08		
		PPP		25	16		
		iS		27	44		
		i		27	47		
		SS		28	04		
	CHA	eP	17	25	01		
		PP		25	13		
		i		28	13		

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DATE	STN	PHASE	H.	M.	S.		∠ km
05	KOD	iP	27	25	37	NEC	2055
		PP		25	55		
		PPP		26	09		
		eS		29	01		
		SS		29	26		
		SSS		29	38		
	SEH	iP	17	26	03		2541
	POO	iP	17	26	16.5	C	2430
		PP		26	42		
		PPP		26	51		
		iS		30	14		
		SS		30	51		
	BOM	iP	17	26	27	WC	2560
		e		26	44		
		PP		26	57		
		PPP		27	07		
		eS		30	34		
		i		30	43		
		LQ		31	01		
		SS		31	15		
		SSS		31	31		
	NDI	iP	17	26	29	NWC	2690
		PP		26	59		
		i		27	46		
		iS		30	44		
		LQ		31	06		
		i		32	18		
	HYD	e	17	26	34		
		iS		29	43		
	DDI	iP	17	26	35		2740
		iS		30	55		
	BHA	iP	17	26	52	C	2960
		PP		27	38		
		PPP		27	57		
		S		31	26		
05	Epc: 21.8°N, 146.6°E, Depth 34Kms(USCGS).H= 18h 10m 00s Mag. 5.6 (CGS).						
	TOC	eP	18	18	39		
	SHL	iP	18	18	55		
	CHA	iP	18	19	26	R	
		i		19	37		
05	DDI	eP	18	20	17		
	NDI	iP	18	20	23	ER	
	KOD	iP	18	20	54.5	R	
	POO	iP	18	20	58		
05	PBL	iP	19	13	59	C	
05	Epc: 38.2°N, 69.1E Tadzhik SSR, Depth 33Kms(USCGS). H= 20h 45m 54.6s. Mag.= 4.9(CGS).						
	SHL	iP	20	47	13	C	
	DDI	e	20	48	29		

DATE	STN	PHASE	H.	M.	S.		△ km
05	NDI	iP	20	48	41	R	1200
		iS		50	44		
	SHL	eP	20	50			
06	SHL	eP	03	25	02		230
		S		25	29		
06	SHL	iP	04	39	17	NEC	
06	SHL	iP	05	04	36	C	
06	POO	eP	06	34	34		
	BOK	e	08	08	51		
06	BOK	i	08	13	27		
06	BOK	e	08	34	36		
06	PBL	iPg	08	51	06	R	65
		iSg		51	14		
	POO	e	08	55	27		
	SHL	e	08	56	21		
06	POO	eP	08	58	37		
06	POO	eP	09	09	49		
06	PBL	iPg	09	20	25	R	100
		iSg		20	36		
06	SHL	eP	10	46	12		
06	SHL	iP	12	28	25	C	
06	SHL	iP	12	40	04	R	450
		S		40	52		
		SS		41	03		
		Sg		41	09		
06	TOC	eP	14	13	34		
	SHL	iP	14	13	51		
	BOK	eP	14	14	45		
		i		16	10		
06	DDI	e	14	16	22		
		e		18	29		
	POO	eP	14	17	39		
06	SHL	iP	15	26	29	C	
06	TOC	eP	15	30	19		
	SHL	iP	15	30	24	C	510
		iS		31	19		
06	SHL	iP	15	35	19	R	
	TOC	iP	15	36	20		
06	SHL	iP	15	37	21		
06	DDI	e	16	09	45		
06	SHL	iP	16	12	02	R	
06	SHL	iP	17	10	25	C	
06	SHL	iP	17	44	48	NEC	

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DATE	STN	PHASE	H.	M.	S.		Δ km
06	SHL	iP	19	39	14	NER	130
		iS		39	31		
06	NDI	i	20	37	49		
06	PBL	iPg	21	04	29	C	
06	SHL	iPg	22	44	26	R	90
		iSg		44	37		
06	SHL	eP	23	48	26		
	POO	eP	23	49	15		
06	POO	eP	23	55	04		
07	SHL	iP	03	10	58	C	
07	NDI	ePg	03	41	58		110
		iSg		42	10		
	SHL	eP	06	54	21		
07	SHL	iP	07	55	04	C	
	POO	eP	07	56	49		
	KOD	iP	07	57	15	EC	
07	BOK	e	08	03	47		
07	BOK	e	08	57	35		
07	PBL	ePg	10	08	35		
07	SHL	iP	14	38	07	SWC	
	POO	eP	14	40	22		
07	SHL	iP	15	08	30	NWC	
07	DDI	e	15	09	50		
	POO	eP	15	10	12		
07	SHL	iP	15	37	07	C	
07	DDI	e	17	09	24		
07	SHL	iP	17	11	53	R	
07	SHL	iP	18	58	14		300
		iS		58	48		
07	SHL	iP	20	28	27		
	TOC	eP	20	28	27		
		e		28	47		
	CHA	eP	20	29	29		
		i		30	37		
		i		31	23		
	BOK	e	20	29	38		
		e		30	57		
07	DDI	eP	20	31	23		
		e		33	57		
	NDI	eP	20	31	26		1570
		eS		34	04		
07	POO	eP	20	35	45		
07	NDI	eP	22	16	09		1320
		eS		18	27		

DATE	STN	PHASE	H.	M.	S.		Δ km
08	SHL	iP	01	12	14	C	
08	DDI	e	01	14	07		
	POO	eP	01	14	29		
08	SHL	iP	07	00	09	R	
08	POO	eP	08	11	02		
08	BOK	e	09	07	55		
08	BOK	e	10	50	48		
08	BHA	eP	11	00	20		
		i		00	24		
	DDI	eP	11	00	25		
	NDI	eP	11	00	28		490
		iS		01	20		
08	POO	eP	11	05	06		
08	BOK	e	11	07	19		
08	SHL	eP	12	53	42		170
		iS		54	03		
08	SHL	iP	13	15	49		
08	SHL	iP	13	42	13	R	
08	SHL	iP	15	05	06	SER	
	CHA	iP	15	05	32	R	
08	Epc: 13.1N, 84.8E. H= 15h 38m 32s (New Delhi).						
	MDR	iP	15	39	33		460
		PP		39	38		
		PPP		39	43		
		LQ		40	13		
		iS		40	22		
	VIS	iP	15	39	52	R	660
		PP		40	01		
		PPP		40	09		
		i		40	22		
		iS		40	49		
		iSS		41	01		
	KOD	iP	15	40	07	NWC	
		i		41	22		
	EOK	eP	15	41	11		
	POO	eP	15	41	18		
	CHA	iP	15	41	54	R	
		i		44	43		
	SHL	iP	15	41	54		1570
		iS		44	32		
	NDI	iP	15	42	35	SER	1920
		eS		45	46		
	DDI	eP	15	42	52		
		e		46	27		
	SEH	i	15	44	02		
		i		44	05		

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DATE	STN	PHASE	H.	M.	S.	△ km		
08	SEH	i	15	44	12			
		i		44	21			
08	TOC	eP	15	50	46			
		i		50	58			
	SHL	eP	15	51	10			
08	SHL	iP	15	58	25			
08	POO	eP	15	59	57			
08	SHL	iP	17	25	57		C	
08	SHL	iP	19	14	02		R	
08	NDI	i	19	15	29			
08	SHL	eP	20	36	00			
08	SHL	eP	20	36	46			
08	SHL	eP	22	17	58		C	
08	Epc: 31.7°N, 137.7°E, South of Hanshu, Japan, Depth 423 Kms. H= 22h 22m 32.8s. Mag.= 4.7 (CGS).							
08	SHL	iP	22	29	34		NER	
	CHA	iP	22	30	05		R	
	DDI	iP	22	30	54		R	
	NDI	iP	22	31	02		NER	
	POO	iP	22	31	48.5			
08	SHL	iP	22	34	36		C	
08	SHL	iP	22	47	02		SWC	
	NDI	iP	22	48	24		NER	
	POO	eP	22	49	19			
09	VIS	iP	01	22	38		R	45
		iP*		22	40			
		i		22	41			
		iS		22	43			
	BOK	e	01	25	17			
		i		25	35			
	POO	eP	01	26	13			
09	Epc: 5.4°S, 113.6°E, Depth 39 Kms. H= 03h 04m 00.9s. May = 5.6 (CGS).							
	MAD	e	03	10	26			
		i		12	55			
		e		17	08			
	SHL	iP	03	11	13		SER	
	POO	eP	03	12	23			
	NDI	eP	03	12	43		NWR	
	DDI	eP	03	12	47			
09	SHL	eP	04	38	11			
09	SHL	eP	04	38	50			
09	NDI	i	06	15	09			
09	NDI	eP	10	23	20			990
		eS		25	02			
	DDI	eP	10	23	33			
09	POO	eP	10	29	34			
09	SHL	iP	13	32	23		C	
09	SHL	eP	14	33	28			210
		iS		33	53			
09	SHL	iPg	16	25	01		NWR	110
		iSg		25	15			
	CHA	iPg	20	27	48		C	100
		Sg		27	59			
09	SHL	iP	20	58	44		C	130
		iS		59	00			
09	CHA	eP	21	50	43			
09	Epc: 13.9°N, 120.8°E, Mindord, Philippine Islands Depth 134 Kms (USCGS). H= 01h 19m 12.1s. Mag.= 5.5(CGS).							
	TOC	eP	01	24	53			
	SHL	eP	01	25	05			
	CHA	iP	01	25	46		C	
	BOK	i	01	25	48			
	VIS	iP	01	26	05		WR	
	KOD	iP	01	26	56.5		SEC	
	DDI	iP	01	26	56		C	
	NDI	iP	01	26	57		WC	
	MDR	e	01	27	07			
		e		28	13			
		e		32	25			
	POO	iP	01	27	17		C	
10	BOK	e	08	37	48			
10	BOK	e	09	13	26			
10	BOK	e	09	20	01			
10	BOK	e	11	15	16			
10	POO	eP	12	26	13			
10	POO	eP	15	41	06			
10	CHA	iP	16	23	42		C	
	BOK	e	16	23	49			
	DDI	e	16	24	30			
	POO	iP	16	24	36.5		C	
11	VIS	iP	03	18	30		ER	

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DATE	STN	PHASE	H.	M.	S.	Δ km	
11	POO	iP	03	19	36.7		
		e		19	52		
		e		26	25		
		e		26	46		
	NDI	iP	03	19	42	SER	
	DDI	i	03	19	45		
11	NDI	ePn	03	25	36		230
		iSn		26	03		
11	POO	eP	03	31	11		
11	Epc: 34.0°N, 72.0°E, West Pakistan Felt at Risalpur. Depth 40 Kms (USCGS). H= 09h 12m 59.3s. Mag.=5.4(CGS).						
	BHA	eP	09	14	10.8		715
		i		14	22		
		i		14	30		
		iS		15	26		
		i		15	30.6		
	NDI	iP	09	14	41	NWR	770
		iS		16	01		
	POO	eP	09	16	36		
	BOK	eP	09	19	37		
		i		21	41		
11	POO	eP	10	04	09		
11	BHA	i	12	13	10.4		
		i		14	52.4		
		i		15	47		
11	CHA	iP	12	42	30	SEC	130
		S		42	47		
	BOK	e	12	43	20		
		i		44	06		
	CAL	e	12	43	54		
		i		45	01		
	NDI	iP	12	44	01	ER	830
		iS		45	27		
	TOC	e	12	44	33		
	VIS	iP	12	44	37	R	1600
		iS		47	18		
		i		47	28		
		iSS		47	39		
		iSSS		47	52		
	SEH	i	12	45	04		
	POO	iP	12	45	27.4	C	
		e		49	41		
		e		51	09		
	KOD	eP	12	46	34	NER	
	MDR	e	12	48	33		
		e		49	43		
		e		50	33		
11	KOD	eP	13	22	44		
11	PBL	iPg	13	30	09		
		iSg		30	16		
11	POO	eP	13	34	18		
	NDI	eP	13	34	50		
	BOK	e	13	35	25		
11	POO	eP	13	48	52		
11	CHA	i	14	14	21	C	
11	NDI	iP	14	15	17	SWC	
11	POO	iP	14	16	09.4	C	
11	NDI	iP	14	20	07	SWC	
11	EPC: 33.7°N, 137.2°E, Near S. Coast of Honshu, Japan, Depth 33 Kms (USCGS). H= 14h 16m 32.2s. Mag. 5.3(CGS).						
	BHA	iP	14	23	21	C	5900
		PP		25	18		
		S		30	51		
		PPS		31	11		
	CHA	i	14	24	36	C	
	BOK	iP	14	24	51	ER	5080
		eS		31	34		
		PPS		31	46		
		SS		34	47		
	NDI	iP	14	25	31	SWC	5640
		PP		27	32		
		iS		32	47		
	VIS	iP	14	25	32	WC	5640
		ePP		27	34		
		ePPP		28	42		
		iS		32	48		
		ePPS		33	05		
	MDR	iP	14	26	08	E	6190
		PPP		29	29		
		iS		33	54		
		PS		34	03		
		PPS		34	10		
		ScS		35	53		
		SSS		39	39		
	BOM	iP	14	26	30	SWC	6580
		PPP		30	05		
		eS		34	37		
		PS		34	50		
		PPS		34	57		
		e		36	19		
		SS		38	33		
	KOD	iP	14	26	34		6670
		iS		34	46		
11	POO	eP	14	57	57		

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DATE	STN	PHASE	H.	M.	S.		△ km
11	CHA	iP	15	13	37	SEC	140
		S		13	55		
	BOK	eP	15	14	30		
		i		15	16		
	NDI	eP	15	15	10	R	780
		iS		16	31		
	POO	eP	15	16	35		
	SEH	iS	15	17	16		
		i		18	05		
	VIS	eS	15	17	32		
	NDI	eP	16	19	29		
	DDI	i	16	21	21		
	POO	eP	16	21	23		
11	TOC	eP	22	44	46		
		i		45	21		
	CHA	iP	22	46	11	C	
	DDI	e	22	48	07		
12	NDI	iP	01	07	21	R	
12	NDI	eP	05	53	53		270
		iS		54	23		
12	POO	eP	05	58	47		
12	POO	eP	08	21	35		
12	SHL	iP	10	30	01	C	
12	POO	eP	10	32	12		
12	NDI	iPg	10	36	37	SER	67
		iSg		36	45		
12	POO	eP	11	17	53		
12	POO	iP	12	49	01		
12	NDI	iP	15	17	17		
12	POO	eP	15	46	04		
12	SHL	iP	16	06	51		
12	SHL	iP	18	47	17	C	
12	SHL	ePg	19	21	37		90
		iSg		21	48		
12	POO	eP	23	39	12		
13	NDI	eP	03	45	49		
	DDI	eP	03	46	00		
13	POO	eP	06	27	32		
13	BOK	i	08	33	29		
13	POO	iP	09	11	18		
13	BOK	e	09	32	53		
13	BHA	iP	09	52	15	C	

DATE	STN	PHASE	H.	M.	S.		△ km
13	Epc: 52.9°N, 172.0°E. H= 10h 41m 11s, h=14 Kms. Mag. 5.6 (CGS).						
	CHA	iP	10	52	00	C	
	BOK	i	10	52	19		
	NDI	iP	10	52	25	SC	
	VIS	iP	10	52	56	WC	8360
		iPcP		53	08		
		iS	11	02	35		
		eSKS		02	52		
		ePS		03	22		
	BOM	eP	10	53	22		8870
		eS	11	03	25		
		SKS		03	35		
		M		25	-		
	POO	iP	10	53	22.5	C	
	KOD	iP	10	53	47	C	
13	MDR	e	11	03	32		
		e		28	28		
13	POO	iP	12	35	54.6		
13	POO	eP	14	36	33		
	DDI	i	14	36	31		
13	CHA	iP	17	29	51		
13	POO	eP	17	34	08		
13	DDI	e	21	08	16		
		e		09	45		
	NDI	iP	21	08	19	SC	990
		iS		10	00		
	CHA	iP	21	09	04		
14	NDI	eP	00	37	15		820
		iS		38	40		
	DDI	e	00	37	17		
14	POO	eP	00	43	40		
14	POO	eP	06	04	50		
14	BOK	e	08	21	37		
14	SHL	eP	10	42	14		
14	SHL	eP	11	23	34		130
		iS		23	50		
	SHL	eP	14	19	00		170
		iS		19	21		
	TOC	i	14	19	19		
14	CHA	i	16	23	12		
14	CHA	e	17	57	47		
14	CHA	iP	18	48	38	C	

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DATE	STN	PHASE	H.	M.	S.		△ km
14	CHA	eP	20	48	13		
14	SHL	iP	20	53	39	C	
	CHA	eP	20	53	59		
14	SHL	iP	22	07	33	C	
	CHA	iP	22	07	44	C	
	POO	eP	22	08	53		
14	SHL	iPg	23	02	03	C	50
		iSg		02	09		
15	SHL	eP	00	10	33		
15	NDI	iPg	05	01	01	NR	24
		iSg		001	04		
15	SHL	iP	07	11	22	C	
15	SHL	iP	07	18	27	NWC	
15	SHL	iP	07	20	40	R	
15	BOK	e	07	44	37		
15	BOK	i	08	33	40		
15	SHL	eP	11	26	21		150
		iS		26	41		
15	SHL	iP	12	12	24	C	
	DDI	e	12	12	29		
15	POO	eP	12	13	26		
15	SHL	iP	14	43	07	C	
15	PBA	e	16	32	50		
15	SHL	eP	16	47	54		
15	NDI	iP	18	16	07	R	
	DDI	eP	18	16	07		
	SHL	iP	18	16	55	C	
	TOC	eP	18	17	13		
		i		17	49		
15	PBA	e	18	25	31		
		i		25	38		
15	DDI	i	19	48	53		
	SHL	iP	19	48	56	R	
	POO	eP	19	49	06		
	SHL	iP	19	49	33	C	
15	POO	eP	20	10	51		
15	SHL	iP	23	12	22		
16	Epc: 9.2°N, 93.8°E, Nicobar Islands Region, Depth 33 Kms (USCGS). H= 07h 07m 56.9s. Mag. = 5.2 (CGS).						

DATE	STN	PHASE	H.	M.	S.		△ km
16	VIS	iP	07	11	06	ER	1435
		iPP		11	15		
		iPPP		11	24		
		iS		13	31		
		iSS		13	41		
		iSSS		13	50		
	MDR	i	07	11	14		
		i		15	24		
	KOD	iP	07	11	46.5	NC	
	SHL	iP	07	11	47		1920
		iS		14	59		
	BOK	e	07	11	52		
	CHA	iP	07	12	17	C	
	POO	iP	07	12	44.5	C	
		e		17	05		
	BOM	eP	07	13	01		2540
		e		13	07		
		e		13	24		
		PP		13	32		
		e		13	41		
		eS		17	07		
		e		17	23		
		e		17	36		
	NDI	iP	07	13	18	NWC	
	DDI	iP	07	13	26		
16	Epc: 5.4°S, 147.0°E, East New Guinea Region, Depth 193 Kms (USCGS). H= 09h 22m 18s. Mag. = 4.6 (CGS).						
	SHL	iP	09	22	23	C	
	CHA	iP	09	22	39	C	
	DDI	i	09	22	51		
	NDI	iP	09	23	02	SWC	
	VIS	eP	09	23	34	WC	
	POO	iP	09	23	59.3		
16	SHL	eP	11	14	46		170
		eS		15	06		
16	SHL	iP	12	56	52	C	
	POO	eP	12	58	08		
	NDI	iP	12	58	21	C	
	DDI	eP	12	58	24		
16	SHL	eP	14	40	28	C	
	CHA	iP	14	40	59	R	
	DDI	e	14	41	53		
	NDI	iP	14	41	54	NWR	
	POO	eP	14	41	57		

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DATE	STN	PHASE	H.	M.	S.		△ km
16	NDI	iP	17	09	29	C	940
		iS		11	05		
	DDI	e	17	10	55		
	SHL	iP	17	12	00		
16	DDI	iP	19	00	07	C	
	NDI	iP	19	00	06	WR	
	POO	eP	19	00	17		
	SHL	eP	19	00	54		
	CHA	iP	19	01	15		
	SHL	iP	19	01	44		
16	SHL	iP	19	54	50	SEC	
	CHA	iP	19	55	03	C	
	NDI	iP	19	55	18	SC	
	POO	eP	19	56	28		
	SHL	iP	19	58	18	SWR	
	CHA	eP	19	59	14		
16	NDI	iP	20	23	31	C	
16	SHL	iP	20	25	10	C	
16	SHL	eP	20	46	09		
16	SHL	eP	23	49	37		
16	POO	eP	23	52	06		
17	BOK	e	08	32	36		
17	BOK	e	10	16	28		
17	BHA	eP	12	02	33		470
		eS		02	51		
17	POO	eP	12	09	21		
17	SHL	eP	12	57	05		
17	SHL	iP	13	29	31	C	
17	TOC	eP	14	33	01		
17	SHL	eP	14	33	09		130
		iS		33	25		
17	POO	eP	14	44	49		
17	SHL	iP	15	01	32		
	POO	eP	15	01	50		
17	SHL	eP	15	32	19		
17	SHL	iP	18	02	40	C	
17	SHL	iP	18	17	07	C	
17	CHA	eP	18	22	22		220
		S		22	48		
		Sg		22	53		
17	SHL	iP	18	22	29		320
		iS		23	05		
17	SHL	eP	18	56	56		

DATE	STN	PHASE	H.	M.	S.		∠ km
17	SHL	iP	19	07	51	C	
17	POO	eP	19	09	12		
17	CHA	eP	20	32	57		
		i		33	02		
		i		33	33		
	SHL	eP	20	32	59		260
		iS		33	28		
17	SHL	eP	22	26	21		
18	SHL	iP	01	20	00	NEC	
	DDI	i	01	21	30		
ND	NDI	iP	01	21	38	ER	
	POO	eP	01	22	26		
18	POO	iP	07	18	09	C	
18	SHL	iP	08	10	56	C	
18	BOK	e	08	15	33		
18	BOK	e	09	04	37		
18	PBA	e	10	01	00		
18	NDI	iP	10	06	49	R	1010
		iS		08	33		
	DDI	e	10	08	15		
18	SHL	iP	10	13	25	C	
	NDI	i	10	15	04		
18	SHL	iP	10	16	37	R	
18	BOK	e	10	44	16		
18	DDI	i	12	16	55		
		e		18	08		
18	NDI	iP	12	17	04	SEC	940
		iS		18	42		
18	BHA	iP	12	17	45.8	R	
18	POO	eP	12	22	51		
18	NDI	i	20	28	19		
	TOC	e	20	28	32.5		
	SHL	iP	20	28	41	NWC	
	DDI	i	20	30	13		
	NDI	eP	20	30	13		
	POO	eP	20	30	15		
18	DDI	i	20	58	34		
18	NDI	eP	20	58	37	C	
18	NDI	eP	21	28	19	R	
18	SHL	eP	21	29	45		
19	SHL	iP	01	50	26	C	
	POO	eP	01	51	13		

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DATE	STN	PHASE	H.	M.	S.		Δ km
19	SHL	iP	04	04	21	NWC	
19	SHL	eP	04	28	58		380
		iS		29	39		
19	POO	eP	05	04	07		
	NDI	e	05	04	09		
	DDI	e	05	04	12		
19	NDI	iPg	05	37	33	S	110
		iSg		37	47		
19	SHL	eP	06	31	17		
19	BOK	e	08	03	15		
19	BOK	e	08	25	23		
19	BOK	e	08	29	19		
19	SHL	eP	09	13	50		
19	NDI	i	09	15	02		
19	BOK	i	09	38	29		
19	BOK	e	11	25	17		
19	SHL	eP	15	44	47		
19	SHL	iP	17	26	35		340
		iS		27	13		
19	SHL	iP	18	50	51	SER	170
		iS		51	12		
19	SHL	iP	21	14	52	R	
19	POO	eP	21	17	02		
19	SHL	eP	22	47	53		120
		iS		48	08		
20	POO	eP	00	47	34	C	
	SHL	iP	00	48	49	C	
20	SHL	iP	01	01	18	C	
20	SHL	eP	01	14	38		
20	SHL	iP	01	52	28	C	
20	SHL	iP	04	40	16	C	
20	NDI	iPg	05	30	41	E	50
		iSg		30	47		
20	SHL	iP	05	47	18		
20	POO	eP	07	33	53		
	NDI	iP	07	33	55	R	
	DDI	iP	07	33	56	R	
20	SHL	eP	07	38	11		
20	SHL	eP	07	53	17		
	CHA	iP	07	53	41	R	
	POO	eP	07	53	47		
	NDI	iP	07	54	29	NR	
20	DDI	e	07	54	39		
20	BOK	e	07	58	54		
20	SHL	iP	08	02	25	R	
20	BOK	i	08	37	36		
20	NDI	eP	08	56	15	WC	
	DDI	eP	08	56	27		
20	SHL	iP	09	00	12	C	
20	SHL	iP	10	49	34	R	
20	SHL	iP	11	33	00	C	
20	POO	eP	14	19	32		
20	SHL	iP	14	56	38	C	
	CHA	iP	14	56	51	C	
	DDI	eP	14	57	07.5		
	NDI	eP	14	57	16	C	
	POO	iP	14	58	15	C	
20	POO	eP	15	30	28		
20	SHL	iP	16	13	02	C	
	DDI	eP	16	13	58		
	NDI	iP	16	14	07	C	
	POO	eP	16	15	05		
20	SHL	iP	16	44	02	NER	
	CHA	iP	16	44	13	R	
	DDI	eP	16	44	23		
	NDI	iP	16	44	31		
	POO	eP	16	45	23		
20	SHL	eP	20	04	45		
20	SHL	iP	23	42	40	SWC	
	CHA	iP	23	43	21	C	
	DDI	i	23	44	28		
	NDI	eP	23	44	31	R	
	POO	eP	23	45	10		
21	TOC	i	01	12	54		
		i		13	12		
		i		13	15		
21	SHL	iP	01	13	02	R	
	CHA	iP	01	14	11	C	
21	NDI	iPg	04	24	07	SEC	60
		iSg		24	15		
21	SHL	ePg	04	39	17		100
		iSg		39	29		
21	BOK	e	08	42	16		
21	SHL	iP	09	50	25	SER	
		iS		50	53		

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DATE	STN	PHASE	H.	M.	S.		Δ
21	TOC	i	09	50	52		
21	NDI	iP	09	53	02	NEC	
	POO	iP	09	54	02		
21	BOK	i	10	38	07		
21	BOK	e	11	10	25		
21	SHL	iP	12	48	16	R	
21	SHL	iP	16	45	22	C	
	NDI	iP	16	46	42	SWC	
	DDI	eP	16	46	53	C	
21	SHL	eP	18	12	10		310
		iS		12	45		
21	SHL	iP	18	14	33	NEC	
21	CHA	i	18	40	01		
21	SHL	iP	18	40	09	R	
21	CHA	iPg	21	59	05	R	100
		Sg		59	18		
21	SHL	eP	22	00	03		790
		iS		01	25		
22	NDI	eP	00	31	17	SEC	
	DDI	eP	00	31	21		
22	CHA	i	00	39	29		
22	SHL	iP	00	48	06	SER	
22	SHL	iP	03	59	36	R	
22	POO	eP	04	04	30		
22	BOK	e	08	25	27		
22	SHL	iP	08	34	51	R	
22	SHL	iPg	09	29	12	SWR	40
		iSg		29	16		
22	POO	eP	12	51	23		
22	NDI	iP	13	01	18		
	DDI	iP	13	01	24		
22	SHL	eP	14	33	26		
22	Epc: 56.0°N, 153.7°W, South of Alaska, depth 33 Kms(USCGS) H= 14h 27m 07.9s. Mag. 6¼(BRK) 6 (Pas), 6¼-6½(Pal)						
	SHL	iP	14	39	22	SWC	9110
		S		49	43		
	CHA	iP	14	39	28		9220
		S		49	47		
	BHA	iP	14	39	32	C	
		PP		42	52		
		SKS		49	53		
	DDI	iP	14	39	36		9530

DATE	STN	PHASE	H.	M.	S.		Δ
22 Contd.	DDI	PP	14	42	49		
		SKS		49	52		
		eS		50	09		
	NDI	iP	14	39	42	SWC	9670
		PP		43	05		
		SKS		50	08		
		eS		50	20		
		PS		51	09		
		SS		55	50		
	BOK	iP	14	39	44	R	9710
		eSKS		50	11		
		ScS		50	17		
		PS		51	18		
	CAL	iP	14	39	51		9670
		iSKS		50	17		
	VIS	iP	14	40	08	C	9960
		PP		43	54		
		eSKKS		50	44		
		eS		50	58		
		ePPS		52	49		
	POO	iP	14	40	30.5		10560
		PP		44	30		
		iSKS		51	07		
		eS		51	52		
		e		53	18		
		e		58	28		
		e	15	03	34		
	BOM	eP	14	40	32		10710
		e		44	20		
		PP		44	27		
		SKS		51	09		
		e		51	09		
		eS		51	50		
		SS		58	27		
	MDR	eP	14	40	42		10810
		PP		44	41		
		SKS		51	19		
		SSP		58	54		
	KOD	e	14	45	15		
		i		51	46		
	PBA	i	14	50	53		
	HYD.	S	14	51	01		
22	SHL	iP	18	40	19		
22	SHL	iP	19	12	17	R	
22	SHL	eP	19	14	30		166
		iS		14	51		
22	SHL	iP	22	19	57	C	
23	SHL	eP	00	50	55		
23	SHL	eP	01	03	42		130
		iS		03	58		
23	POO	iP	01	45	36.7	C	

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DATE	STN	PHASE	H.	M.	S.		Δ km
23	SHL	ePg	08	17	16		110
		iSg		17	30		
23	TOC	e	08	17	37		
23	SHL	iPg	09	54	34		110
		iSg		54	48		
23	SHL	iP	11	05	29	R	
23	SHL	iP	11	23	39		
23	CHA	iP	12	44	57	C	280
		P*		45	00		
		PP		45	03		
		PPP		45	09		
		S		45	28		
		S*		45	32		
		Sg		45	36		
		SSS		45	39		
	SHL	eP	12	45	10		310
		iS		45	45		
23	PBA	e	15	01	09		
	SHL	eP	15	02	15		
	POO	eP	15	04	08		
23	SHL	iPg	17	19	31	C	100
		iSg		19	43		
23	TOC	eP	17	47	54		
23	SHL	iP	18	41	50	R	280
		iS		42	22		
23	TOC	e	18	41	53		
23	SHL	iP	19	14	45	R	1160
		iS		16	45		
23	TOC	e	19	15	38		
23	SHL	iP	21	10	15	C	
23	SHL	iP	23	17	08	C	
23	POO	eP	23	19	22		
24	SHL	eP	00	41	49		590
		iS		42	51		
24	SHL	iP	00	44	16		
24	VIS	iP	01	50	10	C	2435
		eS		54	09		
		eSS		54	27		
24	Epc: 32.7°N, 67.6°E. H= 02h 15m 27.7s. h= 33 Kms. Mag. 5.2(CGS).						
	NDI	iP	02	17	39	R	980
		i		17	43		
		iS		19	20		
	BOM	eP	02	18	52		1490
		PP		19	01		
		eS		21	23		
		LR		21	57		

DATE	STN	PHASE	H.	M.	S.		Δ km
24 Contd.	BOM	PcP	02	23	55		
		e		23	56		
	POO	eP	02	18	58		
		e		25	50		
	MDR	eP	02	20	36		2610
		eS		24	47		
		LQ		25	16		
	KOD	iP	02	20	41.5	NC	
	SEH	eS	02	20	43		
24	HYD	e	02	27	00		
24	BHA	eP	02	47	19.4		834
		PP		47	23.2		
		iS		48	46.2		
		i		48	52.6		
24	Epc: 29.9°N, 69.7°E, West Pakistan, Multan, Depth 12 Kms (USCGS). H= 07h 23m 07.6s. Mag.= 5.8 (CGS).						
	BHA	iPn	07	24	39	C	665
		i		25	08		
		iSn		25	49		
		S*		26	09		
		Sg		26	13.8		
		i		26	17		
	NDI	iP	07	24	47	SEC	720
		iS		26	02		
		SS		26	12		
	DDI	iP	07	24	55	R	820
		PP		25	06		
		P*		25	11		
		Pg		25	28		
		iS		26	20		
		SS		26	29.5		
		S*		26	47		
	SEH	eP	07	25	28		
		e		27	10		
	BOM	eP	07	25	54		1250
		LR		27	54		
		eS		28	02		
		SS		28	16		
	POO	eP	07	25	58		1445
		eS		28	25		
		e		29	00		
	HYD	iP	07	26	43	N	1850
		iS		29	49		
	BOK	iP	07	26	45	W	1620
		iS		29	29		
		SS		29	48		
		SSS		29	57		
	CHA	eP	07	26	55		1830
		eS		29	59		
		i		30	05		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
24	VIS	iP	07	27	09	NWR	1900
		i		30	19		
	CAL	iP	07	27	31		2140
		iS		31	03		
	MDR	eP	07	27	35		2270
		iS		31	19		
		LQ		31	29		
		PcP/SS		31	52		
		SSS		32	02		
	SHL	eP	07	27	42		2270
		eS		31	28		
	KOD	iP	07	27	54	NWR	2380
		PP		28	20		
		PPP		28	32		
		iS		31	48		
		LQ		32	00		
		SS		32	22		
		SSS		32	32		
	TOC	e	07	28	06		
		e		33	21		
	PBL	e	07	29	04		
		i		34	46		
24	DDI	eP	09	41	40		
		i		44	30		
	BHK	eP	09	41	41		
		e		43	08		
		e		43	47		
		e		44	28		
24	POO	eP	09	45	09		
	BOK	e	09	45	50		
		i		50	23		
24	CHA	eP	09	46	04		
		i		51	06		
	VIS	eP	09	46	26		
		e		49	51		
	SHL	eP	09	46	44	R	
	CAL	e	09	49	05		
		e		50	45		
24	MDR	e	09	51	25		
24	SHL	eP	10	42	39		
24	SHL	iP	10	55	10	NEC	
24	NDI	iP	10	56	50	R	
24	SHL	eP	12	36	55		310
		iS		37	30		

24 Epc: 29.9°N, 69.8°E, West Pakistan Barkhar, Depth 4 Kms (USCGS). H= 15h 32.m48.1s. Mag.= 5.3 (CGS).

	BHK	iP	15	34	20.8	C	634
		i		34	24.6		

DATE	STN	PHASE	H.	M.	S.		Δ km
24	BHK	i	15	34	46.2		
Contd.		S		35	28.4		
		i		36	40		
	NDI	eP	15	34	29		710
		PP		34	39		
		iS		35	43		
		SS		35	54		
	DDI	iP	15	34	36		790
		iPg		35	11		
		iS		35	58		
		iSg		36	46		
	SEH	iP	15	35	22		
		e		37	51		
		i		38	08		
	BOM	eP	15	35	37		1320
		PP		35	47		
		PPP		35	54		
		eS		37	52		
		SSS		38	17		
		LR		41	23		
		PcS		44	57		
	POO	eP	15	35	41		
		e		38	05		
		e		39	12		
		e		40	14		
	BOK	eP	15	36	30		1655
		iS		39	17		
		SS		39	35		
		SSS		39	47		
	CHA	eP	15	36	30		
		SS		39	40		
		i		39	46		
	VIS	e	15	37	50		
		eS		41	15		
	CAL	eP	15	37	17		2090
		iS		40	44		
	MDR	eP	15	37	20		2210
		eS		40	59		
		LQ		41	06		
		SS		41	28		
		PcP		41	33		
		SSS		41	41		
	SHL	eP	15	37	25		2260
		iS		41	09		
	KOD	iP	15	37	36	NER	2370
		eS		41	30		
	HYD	e	15	40	49		
24	SHL	iP	17	15	35	C	
24	SHL	iP	18	01	07		120
		iS		01	22		
24	CHA	iPg	18	05	20		70
		Sg		05	30		
	SHL	iP	18	06	17	C	530
		iS		07	14		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHSE	H.	M.	S.		△ km
24	POO	eP	18	11	49		
24	NDI	eP	19	24	04		
24	POO	eP	19	30	44		
24	SHL	iP	20	59	55		140
		iS	21	00	12		
24	DDI	i	21	27	16		
	NDI	i	21	27	18		
		i		27	23		
	SHL	iP	21	27	39	C	
24	SHL	iP	21	53	14	C	
24	SHL	iP	22	21	18	C	
24	SHL	iP	23	15	36	C	520
		iS		16	32		
24	SHL	iP	23	54	57	NWC	
	POO	iP	23	56	33	C	
	NDI	iP	23	56	34	SEC	
24	DDI	i	23	56	36		
25	SHL	iP	00	01	14	C	
25	SHL	eP	00	04	00		144
		iS		05	18		
25	SHL	eP	01	24	39		
25	POO	eP	02	35	13		
25	SHL	iP	04	18	14		
25	SHL	iP	04	41	32		
25	BOK	e	08	10	19		
25	BOK	i	08	27	10		
25	BOK	i	09	12	49		
25	PBA	ePg	09	35	07		45
		iSg		35	12		
25	CHA	e	10	03	03		
25	CHA	eP	13	27	22		
		i		28	09		
		i		28	13		
25	CHA	iP	15	02	03	C	
25	Epc: 31.1°N, 76.9°E. H= 15h 02m 10s (New Delhi).						
	BHA	iPg	15	02	17.9	NC	50
		ePg					
		iP*		02	19.9		
		iSg		02	23.9		
	DDI	i	15	02	37		211
		eS		03	02		
	NDI	iPn	15	02	55	NR	290
		iP*		02	58		
		iSn		03	28		
		iS*		03	32		

DATE	STN	PHASE	H.	M.	S.		△ km
25	CHA	eP	15	04	38		
	POO	eP	15	05	13		
	BOK	e	15	06	46		
25	VIS	e	15	09	51	WC	
25	TOC	e	15	33	52		
25	CHA	eP	15	35	12		
25	VIS	iP	18	13	09	WC	
		i		13	17		
	BOM	e	18	13	11		
	MDR	e	18	13	24		
	POO	eP	18	14	18		
	DDI	i	18	14	24		
	NDI	iP	18	14	24	SC	
	BOM	eP	18	14	40		4846
		eS		21	10		
		PPS		21	23		
25	NDI	iPg	18	21	37	NR	50
		iSg		21	44		
	TOC	e	18	43	15.5		
25	BOM	e	18	45	29		
26	POO	eP	04	41	05		
26	NDI	iP	07	01	21	SWC	450
		iS		02	09		
26	CHA	iP	08	59	25	R	380
		S	09	00	06		
26	POO	eP	09	56	26		
26	CHA	iP	10	39	31		
	DDI	eP	10	40	21		
	NDI	iP	10	40	28	SER	
	POO	iP	10	41	10		
26	POO	eP	11	26	29		
26	CHA	eP	12	18	54		170
		S		19	15		
26	NDI	eP	13	38	54		
	DDI	eP	13	38	55		
26	CHA	eP	13	58	27		490
		eS		59	19		
26	BOK	e	13	59	07		
		i	14	00	08		
27	BOK	e	08	38	15		
27	BOK	e	09	00	12		
27	DDI	iP	10	24	17		
		eS		25	50		
	NDI	iP	10	24	31	NR	980
		iS		26	11		
	BHA	e	10	25	11		

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DATE	STN	PHASE	H.	M.	S.		Δ km
27	SHL	iP	10	26	50	R	
27	SHL	iP	10	27	48	R	
27	POO	iP	10	29	46.5	C	
	SHL	iP	10	31	52	R	
27	SHL	iP	10	41	32	R	
27	SHL	iP	12	08	22	NER	
	NDI	iP	12	09	37	SWR	
	POO	iP	12	10	34		
27	SHL	iP	14	58	50	C	
	CHA	iP	14	59	30	R	
27	SHL	ePg	15	39	02		40
		iSg		39	06		
27	PBA	ePg	16	08	20		35
		eSg		08	24		
27	TOC	e	18	08	51.2		
27	SHL	eP	18	09	12		
	CHA	eP	18	10	13		
		i		12	03		
27	SHL	iP	19	50	02	NEC	
	CHA	iP	19	50	17	R	
	DDI	i	19	50	30		
	POO	iP	19	51	34.5		
27	CHA	eP	21	18	56		170
		S		19	17		
27	SHL	eP	23	19	35		433
		iS		20	21		
	CHA	eP	23	20	01		
27	TOC	e	23	20	11		
27	SHL	iP	23	57	54	NWC	
28	PBA	ePg	01	19	05		35
		eSg		19	09		
28	SHL	eP	03	36	25		340
		iS		37	03		
28	SHL	iP	04	49	02		
28	MDR	e	04	53	45		
		e		59	20		
	POO	eP	04	54	21		

28 Epc: 17.1°S, 168.4°E
New Hebrides Islands, Felt at Tangoa and Port Villa. Depth 24 Kms (USCGS). H= 05h 42m 16.4s. Mag. 6½(Pas), 5¾-6(BRK).

	PBL	eP	05	54	34		8710
		eS	06	04	30		
28	SHL	iP	05	54	55	C	
	CHA	eP	05	55	21		10040
		eSKS	06	05	51		
		i		06	06		
		i		07	28		
	BOK	eP	05	55	22		10020
		eSKS	06	05	48		
	VIS	eP	05	55	25		10130
		i		59	53		
		eSKS		05	58		
	MDR	eP	05	55	36		
		PP		59	21		
		SKS	06	06	00		
		iS		06	39		
		PS		07	52		
		SS		12	49		
	KOD	eP	05	55	42		10660
		eSKS	06	06	19		
	BOM	eP	05	56	10		
		PPP	06	01	36		
		i		06	44		
		eSKS		06	53		
	BHA	e	06	00	11		
		i		08	53		
28	POO	eP	06	43	26		
28	DDI	i	08	19	38		
28	SHL	eP	08	19	43		
28	BHA	eP	08	54	08.6		880
		i		54	37.2		
		iS		55	39.4		

28 Epc: 39.3°N, 73.1°E. H= 08h 52m 02.2s, h= 20 Km. Mag. 5.4(CGS).

	DDI	iP	08	54	27		1070
		iS		56	17		
	NDI	iP	08	54	43	SC	1170
		iS		56	42		
	SEH	i	08	55	56		
		i		58	53		
	CHA	iP	08	56	03	C	1900
		PPP		56	25		
		S		59	13		
		i		59	29		
		i		59	37		
	BOK	eP	08	56	22		2200
		iS	09	00	00		
		LQ		01	04		
		SS		01	16		
	BOM	eP	08	56	26		2110
		PP		56	41		
		PPP		56	50		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
28 Contd.	BOM	eS	08	59	55		
		SS	09	00	20		
		SSS		00	33		
		PcP		00	51		
		e		02	45		
		M		04	50		
	POO	iP	08	56	43.5	C	2324
		eS	09	00	34		
		i		00	42		
		e		04	28		
		eP		45	45		
	SHL	iP	08	56	46	C	2290
		iS	09	00	32		
28	TOC	e	08	57	08.4		
	VIS	iP	08	57	13	EC	2698
		ePP		57	56		
		iS	09	01	30		
		i(?)		01	41		
	CAL	iP	08	57	42		2980
		iS	09	02	28		
	KOD	iP	08	58	11	NR	
		e	09	09	26		
28	MDR	e	09	02	29		
28	SHL	iP	09	40	07	R	
28	SHL	iP	11	01	07	C	
28	POO	eP	11	02	05		
28	POO	eP	11	27	08		
28	POO	eP	11	41	37		
28	PBA	ePg	11	59	08		
		i		58	19		
28	DDI	eP	13	12	18		
	NDI	iP	13	12	27	SC	1000
		iS		14	10		
28	SHL	eP	15	05	14		311
		iS		05	49		
28	SHL	iP	16	57	16	R	
28	SHL	eP	17	31	58		
28	SHL	iP	18	04	11		
28	CHA	iPg	18	17	28		30
		Sg		17	32		
28	CHA	iPg	18	30	45		30
		Sg		30	49		
28	SHL	iP	19	18	29	SWC	
	POO	iP	19	19	54.3	C	
28	SHL	iP	21	38	35	C	
28	CHA	iP	21	47	51	R	
28	SHL	eP	22	19	47		

DATE	STN	PHASE	H.	M.	S.		△ km
28	Epc: 51.6°N, 157.0°E, Depth. 107 Kms (USCGS). H= 22h 38m 12.2s. Mag. = 5.6 (CGS).						
	SHL	iP	22	47	36	R	5970
		iS		55	09		
	DDI	i	22	48	11		
	NDI	eP	22	48	21	SWR	
	PBL	iP	22	48	44	SC	
		i		57	18		
	VIS	eP	22	48	52		
	POO	iP	22	49	22.4		
	MDR	e	22	49	24		
		e	23	00	03		
	KOD	iP	22	49	47.5	NWR	
29	SHL	iP	00	23	24	C	
29	SHL	iPg	01	09	31	C	90
		iSg		09	42		
29	NDI	i	04	12	51		
29	CHA	iPg	05	11	41		
29	SHL	eP	05	34	17		310
		iS		34	52		
29	POO	eP	06	21	46		
29	SHL	iP	06	37	02	C	
29	BOK	e	07	15	39		
29	SHL	eP	07	26	12		
29	POO	eP	07	28	06		
29	BOK	e	08	01	01		
	SHL	iP	08	01	10	SWC	
	DDI	e	08	01	56		
	NDI	iP	08	02	10	C	
		i		02	23		
	POO	eP	08	03	08		
29	SHL	eP	14	59	45		
29	SHL	iP	15	10	15	C	
29	SHL	iP	17	12	56	R	
29	SHL	eP	21	41	29		
30	NDI	iP	06	55	28	C	
	DDI	eP	06	55	28		
30	SHL	iP	06	57	02	R	
30	SHL	eP	07	04	53		
30	CHA	iP	08	49	42	R	200
		S		50	06		
	SHL	eP	08	50	02		310
		iS		50	37		

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Appendix I

List of felt earthquake report duirng the month of January 1966.

S. No.	Station	Date in GMT	Time in GMT h	Time in GMT m	No. of shocks	Duration (sec.)	Intensity (R.F.Scale)	Remarks
1	Shillong	06	14	15	I	5	V	
2	Shillong	07	20	30	I	5	V	
3	Chharal Dalote	25	15	02	I	3	V	
4	Chharal Dalote	25	15	05	I	2	V	
5	Shillong	26	13	58	I	3	IV	

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DATE	STN	PHASE	H.	M.	S.		Δ km
30	SHL	eP	09	00	55		445
		iS		01	43		
30	SHL	iP	11	17	57	C	
30	SHL	iPg	11	57	18		80
		iSg		57	27		
30	NDI	i	12	19	42		
30	SHL	eP	13	45	09		
30	BHA	eP	15	25	38		590
		e		25	49		
		eS		26	41		
	NDI	iP	15	25	59	NWR	1330
		iS		28	15		
	DDI	e	15	26	02		
	CHA	e	15	27	55		
		i		28	00		
	SHL	iP	15	28	49	C	
	POO	eP	15	30	13		
30	PBA	ePg	17	02	44		
		i		02	55		
		i		02	58		
30	SHL	iPg	17	08	00		110
		iSg		08	14		
30	SHL	eP	17	40	35		120
		iS		40	50		
30	BOK	e	18	24	48		
30	DDI	eP	21	40	56		
		e		42	27		
	NDI	iP	21	41	12	C	990
		iS		42	53		
	CHA	iP	21	42	36	R	
	SHL	iP	21	43	22	C	
30	SHL	iP	22	12	01		255
		iS		12	30		
	CHA	iPg	22	12	57		90
		Sg		13	07		
30	SHL	iP	22	16	39	SEC	
31	Epc: 27.9N, 99.6E. Depth 33 Kms (USCGS). H= 02 h 35 m 05.8 s. Mag. = 5.6.						
31	SHL	eP	02	36	51		800
		iS		38	12		
	CHA	iP	02	37	44	R	1360
		PP		38	52		
		iS		39	47		

DATE	STN	PHASE	H.	M.	S.		Δ km
31	NDI	eP	02	39	34	ER	
	CAL	iS	02	39	57		
		i		42	12		
	POO	eP	02	40	32		
	BOM	eP	02	40	39		2923
		PP		41	24		
		eS		45	10		
		e		43	23		
		SS		46	19		
31	NDI	eP	05	03	14	R	
31	SHL	iP	06	20	58	C	
31	BOK	e	07	30	54		
31	BOK	e	07	48	24		
31	NDI	iPg	08	18	17	SC	90
		iSg		18	27		
31	BOK	e	08	26	26		
31	SHL	iP	08	46	37	C	
31	SHL	eP	09	51	24		220
		iS		51	50		
31	SHL	ep	10	50	34		330
		iS		51	10		
31	NDI	iP	14	21	01	NWC	
		i		21	08		
	DDI	iP	14	21	03		
	VIS	iP	14	21	11	WR	
	BOK	e	14	21	17		
	SHL	iP	14	21	20	R	
	CHA	iP	14	21	37	R	
31	POO	eP	14	26	51		
31	PBA	ePg	15	06	08		55
		iSg		06	14		
31	SHL	eP	21	08	50		330
		iS		09	27		

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Bombay (Colaba Observatory).				
01	00	3	1.0	4.0
			0.4	2.2
	06	3	1.1	4.2
			0.5	2.6
	12	3	1.1	4.2
			0.5	3.0
	18	3	0.9	4.1
			0.5	3.0
02	00	3	0.9	4.2
			0.3	3.0
	06	3	0.9	4.0
			0.5	2.6
	12	3	1.0	3.9
			0.5	3.0
	18	3	1.1	3.9
			0.5	3.0
03	00	3	1.1	3.9
			0.5	2.8
	06	3	0.9	3.3
			0.4	2.8
	12	3	0.7	3.2
			0.4	2.0
	18	3	0.6	3.0
			0.3	2.2
04	00	3	0.6	3.1
			0.3	2.0
	06	Calibration of Sprengnether.		
	12	3	0.7	3.3
			0.3	1.8
	18	3	0.6	3.1
			0.4	2.5
			0.3	2.0
05	00	2	0.5	2.8
	06	2	0.3	2.7
	12	3	0.3	2.7
			0.2	1.8
	18	Surface Waves.		
06	00	3	0.3	4.0
			0.2	1.6
	06	3	0.3	3.9
			0.2	1.8
	12	3	0.3	5.7
			0.2	1.9
	18	3	0.3	4.4
			0.2	1.7
07	00	3	0.3	5.0
			0.2	1.6
	06	2	0.3	5.0
	12	2	0.3	5.0
	18	3	0.3	5.0
			0.2	1.5
08	00	3	0.3	5.0
			0.3	4.0
	06	2	0.3	5.3
	12	2	0.3	4.1
	18	2	0.3	4.4
09	00	2	0.3	4.5
	06	3	0.3	4.5
			0.2	2.0
	12	3	0.3	4.6
			0.2	2.2
	18	3	0.3	4.7
			0.2	2.1
10	00	3	0.3	4.9
			0.2	2.8
	06	-	-	-
	12	3	0.3	4.5
			0.2	3.2
	18	3	0.3	5.1
			0.3	3.2
11	00	3	0.3	5.3
			0.2	3.1
	06	3	0.3	4.6
			0.2	2.7
	12	3	0.3	5.4
			0.2	2.7
	18	3	0.3	5.8
			0.2	3.0
12	00	3	0.3	5.3
			0.2	3.0
	06	3	0.3	5.5
			0.3	3.1
	12	3	0.3	4.9
			0.3	2.8
	18	3	0.3	5.1
			0.2	1.9
13	00	2	0.3	2.7
	06	-	-	-
	12	2	0.3	2.4
	18	3	0.3	5.5
			0.3	2.0
14	00	3	0.3	5.5
			0.2	2.4
	06	Calibration of Malne-shaw (N-S)		
	12	3	0.3	4.9
			0.3	2.6
	18	3	0.5	4.4
			0.3	3.0
15	00	3	0.3	3.6
			0.3	3.0
	06	3	0.3	3.4
			0.3	2.6
	12	2	0.3	3.7
	18	2	0.3	3.4

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Station: Bombay (Colaba Observatory).

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
16	00	3	0.3	3.9
			0.3	2.6
	06	3	0.3	3.5
			0.4	2.1
	12	3	0.3	3.5
			0.2	2.2
	18	3	0.3	3.4
			0.2	2.0
17	00	3	0.3	3.9
			0.2	2.0
	06	3	0.3	3.9
			0.3	2.0
	12	3	0.3	4.0
			0.2	2.0
	18	3	0.3	3.8
			0.3	2.1
18	00	3	0.3	3.9
			0.3	2.2
	06	3	0.3	3.6
			0.3	2.0
	12	3	0.3	4.0
			0.3	3.0
	18	3	0.3	3.5
			0.2	1.8
19	00	3	0.3	3.7
			0.2	2.0
	06	3	0.3	3.4
			0.2	2.0
	12	3	0.3	3.1
			0.2	2.2
	18	3	0.3	4.0
			0.2	2.2
20	00	3	0.3	3.9
			0.3	2.6
	06	3	0.3	3.5
			0.2	2.5
	12	3	0.4	4.1
			0.3	2.4
	18	3	0.4	4.0
			0.2	2.2
21	00	3	0.4	4.2
			0.2	2.2
	06	3	0.5	3.8
			0.3	2.5
	12	2	0.3	3.1
	18	3	0.3	4.1
			0.3	2.0
22	00	2	0.3	4.4
	06	3	0.3	4.6
			0.2	2.8
	12	3	0.3	4.4
			0.3	2.0
	18	3	0.3	4.2
			0.2	2.0
23	00	3	0.3	4.2
			0.2	2.2
	06	3	0.3	4.4
			0.3	3.1
	12	3	0.3	4.2
			0.3	2.8
	18	3	0.3	4.2
			0.3	2.8
24	00	3	0.3	4.2
			0.3	2.8
	06	2	0.3	2.6
	12	3	0.3	3.8
			0.2	1.4
	18	3	0.3	4.0
			0.2	1.8
25	00	3	0.3	4.3
			0.2	2.0
	06	3	0.3	3.9
			0.2	2.2
	12	3	0.3	3.4
			0.2	2.2
	18	3	0.3	3.7
			0.2	2.0
26	00	3	0.3	3.8
			0.3	2.3
	06	3	0.3	3.6
			0.2	1.9
	12	3	0.3	3.3
			0.1	1.4
	18	3	0.3	3.5
			0.3	2.0
27	00	2	0.3	2.4
	06	2	0.3	2.3
	12	3	0.3	4.5
			0.2	2.0
	18	3	0.3	4.8
			0.2	2.0
28	00	3	0.3	4.9
			0.3	2.2
	06	Shock in progress		
	12	2	0.3	2.1
	18	3	0.3	4.8
			0.2	1.9
29	00	3	0.3	5.0
			0.2	2.2
	06	3	0.3	5.2
			0.2	2.2
	12	3	0.3	5.2
			0.2	2.3
	18	3	0.3	5.0
			0.2	2.1
30	00	3	0.3	5.9
			0.3	2.7
	06	3	0.4	5.9
			0.3	2.9
	12	3	0.3	5.2
			0.3	2.6

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Bombay (Colaba Observatory).				
30	18	3	0.3	8.3
			0.3	2.3
31	00	3	0.3	7.4
			0.2	2.1
	06	3	0.3	7.1
			0.2	2.2
	12	3	0.3	7.1
			0.2	2.2
	18	3	0.3	4.1
			0.3	3.1
Station: BOKARO				
01	00	3	0.5	4.8
	06	...	-	-
	12	...	-	-
	18	3	0.5	4.8
02	00	3	0.5	4.6
	06	...	-	-
	12	...	-	-
	18	3	1.6	3.8
03	00	3	1.4	3.8
	06	...	-	-
	12	...	-	-
	18	3	0.4	3.6
04	00	3	0.4	3.4
	06	3	0.3	3.6
	12	3	0.3	4.4
	18	3	0.3	4.0
05	00	3	0.3	3.8
	06	3	0.4	3.0
	12	3	0.4	4.6
	18	...	-	-
06	00	3	0.4	5.4
	06	3	0.3	4.8
	12	3	0.4	5.4
	18	3	0.4	5.4
07	00	3	0.3	5.2
	06	3	0.3	5.0
	12	3	0.3	5.0
	18	3	0.3	5.6
08	00	3	0.3	5.2
	06	3	0.3	5.0
	12	3	0.3	5.2
	18	3	0.3	5.2
09	00	3	0.3	5.2
	06	3	0.3	5.2
	12	3	0.3	5.6
	18	3	0.3	5.0
10	00	3	0.3	5.2
	06	3	0.3	5.0
	12	3	0.3	5.6
	18	3	0.3	5.4
11	00	3	0.3	5.6
	06	3	0.3	5.6
11	12	3	0.3	5.0
	18	3	0.3	5.0
12	00	3	0.3	5.2
	06	3	0.3	5.0
	12	3	0.3	5.4
	18	3	0.3	5.2
13	00	3	0.4	5.6
	06	3	0.3	5.6
	12	3	0.3	6.0
	18	3	0.3	5.2
14	00	3	0.3	5.0
	06	3	0.4	5.0
	12	3	0.4	5.2
	18	3	0.3	5.4
15	00	3	0.3	5.0
	06	3	0.3	5.6
	12	3	0.4	5.6
	18	3	0.3	5.2
16	00	3	0.3	5.0
	06	3	0.3	5.6
	12	3	0.3	5.0
	18	3	0.3	5.8
17	00	3	0.2	5.2
	06	3	0.2	3.4
	12	3	0.3	4.8
	18	3	0.3	5.2
18	00	3	0.3	5.0
	06	3	0.3	5.4
	12	3	0.3	5.0
	18	3	0.3	5.2
19	00	3	0.4	5.8
	06	3	0.3	5.2
	12	3	0.3	5.0
	18	3	0.3	5.2
20	00	3	0.3	5.4
	06	3	0.3	5.2
	12	3	0.4	5.0
	18	3	0.4	5.4
21	00	3	0.4	5.0
	06	3	0.3	5.0
	12	3	0.3	5.0
	18	3	0.3	4.8
22	00	3	0.3	5.0
	06	3	0.3	4.2
	12	3	0.2	4.4
	18	3	0.3	5.4
23	00	3	0.3	5.0
	06	3	0.3	4.6
	12	3	0.3	4.6
	18	3	0.3	5.0
24	00	3	0.3	4.6
	06	3	0.3	4.6
	12	3	0.2	5.0
	18	3	0.3	4.8

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period
25	00	3	0.3	5.0
	06	3	0.3	5.0
	12	3	0.3	5.0
	18	3	0.3	4.8
26	00	3	0.3	5.2
	06	3	0.3	5.2
	12	3	0.3	5.4
	18	3	0.4	5.4
27	00	3	0.3	5.0
	06	3	0.4	5.0
	12	3	0.4	5.6
	18	3	0.4	5.6
28	00	3	0.3	5.0
	06	...	-	-
	12	3	0.4	5.4
	18	3	0.4	5.8
29	00	3	0.3	5.8
	06	3	0.4	6.0
	12	3	0.5	5.8
	18	3	0.4	5.8
30	00	3	0.4	6.0
	06	3	0.5	7.0
	12	3	0.6	7.2
	18	3	0.5	7.6
31	00	3	0.6	7.2
	06	3	0.5	7.0
	12	3	0.6	7.2
	18	3	0.5	7.4

Station: MADRAS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period
01	00	1	2.2	4.5
	03	1	2.4	4.4
	06	1	2.1	4.2
	09	1	2.1	3.9
	12	1	2.0	4.0
	15	1	1.9	3.8
	18	1	1.9	3.7
	21	1	1.9	3.9
02	00	1	1.7	3.9
	03	1	1.8	3.6
	06	1	1.9	3.5
	09	1	2.1	3.9
	12	1	2.2	4.0
	15	1	2.4	4.3
	18	1	2.2	4.2
	21	1	2.0	4.1
03	00	1	1.9	4.3
	03	1	1.9	4.6
	06	1	1.6	4.5
	09	1	1.4	4.5
	12	1	1.2	4.4
	15	1	1.0	4.2
	18	1	0.9	4.6
	21	1	0.9	4.7
04	00	1	0.7	4.7
	03	2	0.6	4.8
	06	2	0.6	4.7
	12	2	0.5	4.6
	18	2	0.4	4.4
05	00	2	0.4	4.3
	03	2	0.4	3.9
	06	2	0.4	3.9
	12	2	0.3	4.0
	18	...	Earthquake	
06	00	2	0.3	4.0
	03	2	0.3	4.0
	06	2	0.3	4.0
	12	2	0.3	4.0
	18	2	0.3	4.0
07	00	2	0.3	3.8
	03	2	0.3	3.5
	06	3	0.3	3.3
	12	3	0.3	3.1
	18	3	0.3	3.2
08	00	3	0.2	3.1
	03	3	0.2	3.1
	06	3	0.2	3.0
	12	3	0.2	3.0
	18	3	0.2	3.0
09	00	3	0.2	3.0
	03	3	0.2	3.1
	06	3	0.2	3.1
	12	3	0.2	3.1
	18	3	0.2	3.1
10	00	3	0.2	3.1
	03	3	0.2	2.9
	06	3	0.2	3.0
	12	3	0.2	3.0
	18	3	0.2	3.0
11	00	3	0.1	2.6
	03	3	0.2	2.8
	06	3	0.2	2.7
	12	3	0.2	2.8
	18	3	0.2	2.7
12	00	3	0.2	2.7
	03	3	0.1	2.6
	06	3	0.1	2.6
	12	2	0.2	2.9
	18	2	0.2	2.9
13	00	2	0.2	2.9
	03	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.3	3.0
	18	2	0.4	3.0
14	00	2	0.4	3.0
	03	2	0.4	3.0
	06	2	0.4	2.9
	12	2	0.4	2.9
	18	2	0.5	3.0

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period
15	00	2	0.5	3.0
	03	2	0.5	3.0
	06	2	0.5	3.0
	12	2	0.5	3.0
	18	2	0.5	3.0
16	00	2	0.5	3.0
	03	2	0.4	3.1
	06	2	0.4	3.1
	12	2	0.4	3.1
	18	2	0.3	3.2
17	00	2	0.4	3.3
	03	2	0.3	3.4
	06	2	0.3	3.5
	12	2	0.3	3.8
	18	2	0.3	3.5
18	00	2	0.3	3.5
	03	2	0.3	3.6
	06	2	0.3	3.4
	12	2	0.3	3.5
	18	2	0.3	3.5
19	00	2	0.2	3.0
	03	2	0.2	3.0
	06	...	No record	
	12	2	0.3	3.1
	18	2	0.3	3.0
20	00	2	0.3	3.1
	03	2	0.3	3.0
	06	...	No record	
	12	2	0.3	3.4
	18	3	0.5	4.5
21	00	3	0.5	4.4
	03	3	0.5	4.5
	06	3	0.5	4.5
			0.2	2.9
	12	2	0.3	3.0
	18	3	0.4	4.5
	18	2	0.3	3.0
22	00	2	0.3	3.1
	03	2	0.3	3.3
	06	2	0.4	3.1
	12	2	0.4	3.0
	18	2	0.4	3.0
23	00	2	0.4	2.9
	03	2	0.4	2.9
	06	2	0.4	2.9
	12	2	0.4	3.0
	18	2	0.4	3.1
24	00	2	0.4	2.9
	03	2	0.3	2.8
	06	2	0.3	2.8
	12	2	0.3	2.9
	18	2	0.3	2.8
25	00	2	0.3	2.8
	03	2	0.3	2.8
	06	2	0.3	2.9
	12	2	0.4	3.2
	18	2	0.4	3.2
26	00	2	0.4	3.4
	03	2	0.4	3.4
		2	0.3	2.8
	06	2	0.4	3.7
		2	0.3	2.8
	12	3	0.4	4.0
		2	0.3	2.9
	18	3	0.4	4.3
		2	0.3	2.7
27	00	3	0.4	4.5
		2	0.3	2.8
	03	3	0.4	4.4
		2	0.3	2.8
	06	3	0.4	4.6
		3	0.3	2.9
	12	3	0.4	4.7
		3	0.3	2.9
	18	3	0.4	4.8
		3	0.2	2.7
28	00	3	0.4	5.0
		3	0.2	2.6
	03	3	0.5	5.3
		3	0.1	2.6
	06	...	Earthquake	
	12	3	0.5	5.7
		3	0.1	2.5
	18	3	0.4	5.9
		3	0.1	2.3
29	00	3	0.4	6.2
		3	0.1	2.1
	03	3	0.4	5.7
		3	0.1	2.3
	06	3	0.2	2.3
	12	3	0.2	2.3
	18	2	0.2	2.4
30	00	2	0.3	2.6
	03	2	0.3	2.6
	06	2	0.3	2.6
	12	2	0.4	2.6
	18	2	0.5	2.6
31	00	2	0.5	2.8
	03	2	0.4	2.7
	06	2	0.4	2.7
	12	2	0.5	2.9
	18	2	0.5	2.9

Station: Alipore, Calcutta

01	00	3	0.4	2.6
	06	3	0.4	2.8
	12	3	0.4	2.8
	18	3	0.4	2.6
02	00	3	0.3	2.8
	06	3	0.5	2.8
	12	3	0.6	2.8
	18	3	0.8	2.8
03	00	3	1.2	2.8
	06	3	1.2	2.8
	12	3	1.0	3.0
	18	3	1.2	2.8

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR	K	MEAN	MEAN
Station: Alipore, Calcutta				
04	00	3	1.4	3.0
	06	3	1.6	3.0
	12	3	1.4	2.8
	18	3	0.8	2.8
05	00	3	0.6	2.8
	06	3	0.8	2.8
	12	3	0.6	3.0
	18	...		
06	00	3	0.6	3.0
	06	3	0.6	2.8
	12	3	0.4	3.0
	18	3	0.4	3.0
07	00	3	0.2	2.8
	06	3	0.2	2.8
	12	3	0.4	2.8
	18	3	0.4	2.8
08	00	3	0.4	2.8
	06	3	0.4	3.0
	12	3	0.4	3.0
	18	3	0.4	3.0
09	00	3	0.2	3.0
	06	3	0.2	3.0
	12	3	0.2	3.2
	18	3	0.2	2.8
10	00	3	0.2	3.0
	06	3	0.2	3.0
	12	3	0.2	3.0
	18	3	0.4	3.0
11	00	3	0.4	3.0
	06	3	0.2	2.8
	12	3	0.4	3.0
	18	3	0.4	3.2
12	00	1	0.4	3.8
	06	1	0.4	3.8
	12	1	0.4	4.0
	18	3	0.4	3.2
13	00	3	0.2	3.0
	06	3	0.4	2.8
	12	3	0.2	3.4
	18	3	0.2	4.0
14	00	3	0.2	3.8
	06	3	0.2	4.4
	12	3	0.2	3.6
	18	3	0.2	4.0
15	00	3	0.2	4.4
	06	3	0.2	4.6
	12	3	0.2	4.2
	18	3	0.2	4.2
16	00	3	0.2	4.0
	06	3	0.2	5.0
	12	3	0.2	4.1
	18	3	0.2	3.7
17	00	3	0.2	4.2
	06	3	0.2	5.0
	12	3	0.2	4.8
	18	3	0.2	3.8
18	00	3	0.2	4.9
	06	3	0.2	4.0
	12	3	0.2	4.2
	18	3	0.2	4.0
19	00	3	0.2	4.1
	06	...		
	12	3	0.2	3.6
	18	3	0.2	3.8
20	00	3	0.2	3.8
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.1
21	00	3	0.2	4.9
	06	...		
	12	3	0.2	4.2
	18	3	0.2	4.8
22	00	...		
	06	3	0.2	4.2
	12	3	0.2	3.9
	18	3	0.2	4.6
23	00	3	0.2	3.8
	06	3	0.2	3.9
	12	3	0.2	3.6
	18	3	0.2	3.4
24	00	3	0.2	3.9
	06	3	0.2	3.8
	12	3	0.2	3.4
	18	3	0.2	3.5
25	00	3	0.2	3.3
	06	3	0.2	3.7
	12	3	0.2	4.0
	18	3	0.2	3.7
26	00	3	0.2	3.9
	06	3	0.2	3.8
	12	3	0.2	3.4
	18	3	0.2	4.5
27	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.1
	18	3	0.2	4.0
28	00	3	0.2	3.5
	06	...		
	12	3	0.2	3.3
	18	3	0.2	4.0
29	00	3	0.2	4.0
	06	3	0.2	3.8
	12	3	0.3	3.9
	18	3	0.2	3.8
30	00	3	0.2	4.2
	06	3	0.2	4.8
	12	3	0.4	4.4
	18	3	0.3	3.8
31	00	3	0.2	4.2
	06	3	0.4	5.2
	12	3	0.2	4.4
	18	3	0.2	4.5

International Seismological Centre From the ISC collection scanned by SISMOS

Station: PORT BLAIR

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period
01	00	3	2.4	3
	06	3	2.0	3
	12	3	2.0	3
	18	3	2.0	3
02	00	3	0.6	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
03	00	3	1.2	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
			0.4	7
04	00	3	0.8	3
			0.4	7
	06	3	0.8	3
	12	3	0.8	3
			0.8	7
	18	3	0.4	3
			0.4	7
05	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	...	-	-
06	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
07	00	3	0.4	7
	06	3	0.4	7
	12	3	0.4	7
	18	3	0.4	3
08	00	3	0.4	3
			0.4	7
	06	3	0.4	3
	12	3	0.4	3
	18	3	0.4	3
09	00	...	-	-
	06	3	0.4	3
	12	3	0.4	3
	18	3	0.4	3
10	00	3	0.4	3
			0.4	7
	06	3	0.4	7
	12	3	0.8	7
	18	3	0.8	7
11	00	3	0.8	7
	06	3	0.4	3
			0.4	7
	12	3	0.4	3
			0.4	7
	18	3	0.4	3
			0.4	7
12	00	3	0.4	7
	06	3	0.4	3
	12	...	-	-
	18	3	0.4	3
13	00	3	0.4	3
			0.4	7
	06	3	0.4	7
	12	3	0.4	3
	18	3	0.2	7
14	00	3	0.4	3
	06	3	0.4	3
	12	3	0.4	3
	18	3	0.8	3
15	00	3	0.8	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
16	00	3	0.8	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	1.2	3
17	00	3	1.2	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	7
18	00	3	0.4	3
			0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.4	7
19	00	3	0.4	7
	06	3	0.4	6
	12	3	0.4	3
	18	3	0.4	3
20	00	3	0.4	3
	06	3	0.4	3
	12	3	0.8	3
	18	3	0.8	3
21	00	3	0.8	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
22	00	3	0.8	3
	06	...	-	-
	12	3	1.2	3
	18	3	1.2	3
23	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
24	00	3	1.2	3
	06	3	1.2	3
	12	3	0.8	3
	18	3	0.8	3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR				
25	00	3	0.8	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
26	00	3	0.8	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
27	00	3	0.4	3
	06	3	0.4	3
	12	3	0.4	3
	18	3	0.4	3
28	00	3	0.2	3
	06	...	-	-
	12	3	0.4	7
	18	3	0.4	7
29	00	3	0.4	7
	06	3	0.4	7
	12	3	0.8	7
	18	3	0.4	3
			0.8	7
30	00	3	0.4	3
			0.8	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
	18	3	0.8	3
31	00	3	0.8	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
Station: SHILLONG				
01	00	3	0.3	4.0
	06	3	0.4	5.0
	12	2	0.4	5.0
	18	3	0.3	4.0
02	00	3	0.2	4.0
	06	2	0.3	5.0
	12	1	0.2	4.8
	18	2	0.3	4.2
03	00	3	0.2	3.5
	06	3	0.2	4.0
	12	3	0.3	4.2
	18	3	0.2	4.0
04	00	3	0.2	3.5
	06	3	0.2	4.0
	12	3	0.3	4.0
	18	3	0.3	4.0
05	00	3	0.4	4.5
	06	3	0.4	4.2
	12	2	0.3	5.0
	18	...	...	...
06	00	3	0.4	5.2
	06	3	0.4	5.0

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR				
06	12	3	0.4	5.2
	18	1	0.5	5.2
07	00	3	0.3	4.8
	06	3	0.2	5.0
	12	3	0.3	5.2
	18	3	0.4	5.4
08	00	2	0.3	5.2
	06	3	0.3	5.0
	12	2	0.2	4.0
	18	3	0.4	5.0
09	00	3	0.4	5.2
	06	3	0.2	5.4
	12	3	0.4	5.0
	18	3	0.3	4.2
10	00	1	0.3	4.8
	06	3	0.3	5.0
	12	3	0.2	4.0
	18	2	0.2	4.2
11	00	3	0.3	5.0
	06	2	0.4	5.0
	12	3	0.2	4.0
	18	3	0.2	5.2
12	00	3	0.3	5.4
	06	3	0.4	5.6
	12	3	0.3	4.8
	18	2	0.3	4.8
13	00	3	0.3	4.6
	06	3	0.2	5.0
	12	3	0.3	4.8
	18	3	0.2	4.2
14	00	2	0.2	5.0
	06	3	0.3	4.0
	12	1	0.3	4.2
	18	1	0.4	4.6
15	00	3	0.3	4.8
	06	3	0.2	4.0
	12	3	0.3	4.2
	18	3	0.3	4.4
16	00	2	0.3	4.8
	06	2	0.4	4.4
	12	3	0.2	4.6
	18	3	0.2	4.8
17	00	3	0.2	4.8
	06	3	0.2	5.0
	12	3	0.2	4.8
	18	3	0.3	5.0
18	00	1	0.2	4.8
	06	...	-	-
	12	2	0.4	6.0
	18	3	0.2	5.0
19	00	3	0.3	4.8
	06	3	0.2	5.0
	12	2	0.4	4.8
	18	3	0.3	4.6

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: SHILLONG				
20	00	2	0.3	5.0
	06	3	0.3	5.6
	12	1	0.4	6.0
	18	3	0.3	5.0
21	00	....	....	....
	06	2	0.4	6.0
	12	3	0.3	5.6
	18	3	0.3	5.0
22	00	3	0.3	5.2
	06	....	----	----
	12	....	----	----
	18	....	----	----
23	00	....	....	----
	06	3	0.2	4.0
	12	1	0.3	4.8
	18	3	0.3	4.0
24	00	1	0.3	3.0
	06	3	0.2	5.2
	12	3	0.3	5.0
	18	3	0.3	5.0
25	00	3	0.4	6.0
	06	3	0.2	6.0
	12	3	0.3	5.0
	18	1	0.2	5.2
26	00	3	0.3	5.0
	06	1	0.3	5.2
	12	3	0.4	6.0
	18	3	0.4	6.0
27	00	2	0.4	6.2
	06	3	0.3	6.0
	12	3	0.3	6.0
	18	3	0.3	5.8
28	00	3	0.3	5.0
	06	....	----	----
	12	3	0.2	5.0
	18	3	0.2	4.8
29	00	3	0.2	5.0
	06	3	0.3	5.4
	12	3	0.3	5.8
	18	3	0.4	5.8
30	00	3	0.3	6.0
	06	2	0.3	5.0
	12	2	0.3	5.0
	18	3	0.4	6.4
31	00	3	0.4	5.0
	06	3	0.3	6.0
	12	3	0.4	6.4
	18	3	0.3	6.0
Station: VISAKHAPATNAM				
	00	1	0.9	3.9
	06	1	0.8	3.5
	12	1	1.2	3.6
	18	1	1.0	3.5

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: VISAKHAPATNAM				
02	00	1	1.3	3.4
	06	1	1.5	3.5
	12	1	2.6	3.7
	18	1	3.3	4.0
03	00	1	6.5	3.8
	06	A....	-	-
	12	A....	-	-
	18	1	0.9	3.3

A = Power failure from 0610 hrs. to 1810 hrs. I.S.T.
B = Earthquake in progress.
C = No record due to defective Galvanometer performance.
D = Microseismics not measurable.

04	00	2	0.7	3.3
	06	2	0.7	3.3
	12	2	0.7	3.2
	18	2	0.6	3.2
05	00	2	0.5	3.3
	06	2	0.4	2.9
	12	2	0.9	2.8
	18	B....	-	-
06	00	2	0.4	2.9
	06	2	0.5	3.0
	12	C....	-	-
	18	C....	-	-
07	00	C....	-	-
	06	C....	-	-
	12	C....	-	-
	18	C....	-	-
08	00	C....	-	-
	06	2	0.6	4.1
	12	2	0.5	4.5
	18	D00	-	-
09	00	D00	-	-
	06	2	0.5	4.9
	12	2	0.5	4.9
	18	D00	-	-
10	00	2	0.4	5.2
	06	2	0.5	4.5
	12	2	0.5	4.8
	18	2	0.5	4.9
11	00	2	0.4	4.4
	06	2	0.5	4.9
	12	2	0.5	4.9
	18	2	0.6	4.9
12	00	2	0.5	4.9
	06	2	0.1	2.5
	12	2	0.2	2.5
	18	2	0.3	2.5
13	00	2	0.3	2.5
	06	2	0.3	2.5
	12	2	0.3	2.5
	18	2	0.3	2.5

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: VISAKHAPATNAM				
14	00	2	0.3	2.5
	06	2	0.2	2.5
	12	2	0.2	2.5
	18	2	0.2	2.5
15	00	2	0.2	2.5
	06	2	0.2	2.5
	12	2	0.2	2.5
	18	2	0.3	2.5
16	00	2	0.2	2.5
	06	2	0.3	3.6
	12	2	0.4	3.8
	18	D 00	-	-
17	00	D 00	-	-
	06	2	0.4	4.6
	12	2	0.3	4.6
	18	D 00	-	-
18	00	D 00	-	-
	06	2	0.3	3.8
	12	2	0.5	4.6
	18	D 00	-	-
19	00	D 00	-	-
	06	2	0.5	4.6
	12	2	0.5	4.6
	18	2	0.3	4.0
20	00	D 00	-	-
	06	2	0.4	4.5
	12	2	0.5	4.6
	18	2	0.3	2.8
21	00	C....	-	-
	06	2	0.3	3.5
	12	2	0.6	5.2
	18	2	0.5	5.0
22	00	2	0.3	2.5
	06	2	0.4	3.6
	12	2	0.4	4.0
	18	2	0.4	4.4
23	00	D 00	-	-
	06	2	0.7	5.5
	12	2	0.4	4.1
	18	2	0.6	5.3
24	00	D 00	-	-
	06	2	0.4	5.0
	12	2	0.4	4.9
	18	2	0.3	4.9
25	00	D 00	-	-
	06	2	0.5	4.9
	12	2	0.4	4.7
	18	2	0.4	4.9
26	00	2	0.3	4.6
	06	2	0.6	5.1
	12	2	0.5	4.6
	18	2	0.5	5.2
27	00	2	0.3	4.1
	06	2	0.6	5.2
	12	2	0.4	4.5
	18	2	0.3	4.4
28	00	2	0.4	4.8
	06	B....	-	-
	12	2	0.5	4.5
	18	2	0.3	4.4
29	00	2	0.3	4.2
	06	2	0.5	5.2
	12	2	0.6	5.0
	18	2	0.5	5.2
30	00	2	0.2	2.5
	06	2	0.5	5.5
	12	2	0.3	4.5
	18	2	0.6	5.5
31	00	2	0.2	2.8
	06	2	0.3	2.8
	12	2	0.6	5.6
	18	2	0.6	5.6

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SEISMOLOGICAL BULLETIN

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

PUBLISHED UNDER THE DIRECTION OF
SHRI C. RAMASWAMY
DIRECTOR GENERAL OF OBSERVATORIES

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List of Seismograph Stations with their Instruments and Constants

Station and abbreviation	Latitude o ' N	Longitude o ' E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Period in secs. Tg	Vmax.	Damping h_1	Constant h_2	Paper speed mm/min.
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500	-	1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1	1	20
						N	1.01	1 17	5500	1	1	20
						E	1 02	1 15	5600	1	1	20
Bokaro	23.47	85.53		Ro	Press-Ewing	Z	15	100		-	1	15
						N	15	100		-	1	15
BOK						E	1.	94		-	1	15
					Sprengnether	E	7.3	7.3	5000		1	30
					Wood-Anderson	N	0.8	0.8	940	1		30
						E	0.8	0.8	950	1		30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	N	12	12	250	0.7		8
						E	12	12	250	0.7		8
BOM					Sprengnether	E	7.3		5000		1	30
					Benioff	Z	-		-	-	1	30 for LP Galvanometer 60 for SP
Calcutta	22.32	88.20	7 Milne-Shaw 6 Omori-Ewing	Alluvium	Milne-Shaw	E	12		250	0.7		8
CAL					Omori-Ewing	E	19		30	-		25.4
						N	15		32	-		25.4
					Sprengnether	N	7.0	7.0	2000		1	30
Chatra	26.50	87.10	161	Sand stone	Benioff	Z	0 72	0.45	-	-	1	60
CHA					Wood-Anderson	N	0.8		1000	1		30
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		16
						E	12		250	1		15
					Wanner Accelerograph	ZNE	0.1		50	0.6		600
Delhi	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.5	7.5	5000		1	30
NDI					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.75	50K for		1	60
						N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.77	50K sec.		1	60
					Sprengnether (LP)	Z	15	100	1500 for		1	15
						N	15	100	1500 TE=15		1	15
						E	15	100	1500 sec		1	15
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3	-	-	1	60
DDI					Wood-Anderson	N	0.8		970	1		30
						Z	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Sprengnether	Z	15	100 for TE=15 sec	1500	1	1	30
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5			1	30
GOA						E	7.4	7.4	5000		1	30
						N	7.5	7.5	5000		1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		243.5	0.7		8
HYD						N	12		250.2	0.7		8
Kodaikanal	10.14	77.28	2345	Rock	Benioff (SP)	Z	1.0	0.75	100K for		1	60
KOD						N	1.0	0.75	100K TE=1		1	60
						E	1.0	0.75	100K secs		1	60
					Sprengnether (LP)	Z	15	100	1500 for		1	30
						N	15	100	1500 TE=15		1	30
						E	15	100	1500 secs		1	30
					Milne-Shaw	Z	12		250	0.7		8
Madras	13.00	80.11	15		Sprengnether	Z	7.5	7.5			1	30
MDR												
Poona	18.32	73.51	560	Deccan Trap	Benioff (SP)	Z	1.0	0 75	50K for		1	60
POO						N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.75	50K secs		1	60
					Sprengnether (LP)	Z	15	100	3000 for		1	15
						N	15	100	1500 TE=15		1	15
						E	15	100	1500 secs		1	15
Port Blair	11 40	92.43	-	-	Milne-Shaw	Z	12		250	0 7		30
					Wood-Anderson	N	2.0		890	0.7		30
PBA						E	0.8		810	0.8		30
					Benioff	Z	1.0	1.6	-	-	1	
Sehore	23.10	77.05	-	-	Wood-Anderson	N	0.8		860	1		30
SEH						E	0.8		950	1		30
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff (SP)	Z	1	0.75	200K for		1	60
						N	1	0.75	200K TE=1		1	60
SHL						E	1	0.75	200K sec		1	60
					Press-Ewing (LP)	Z	15	100	3000 for		1	30
						N	15	100	3000 TE=15		1	30
						E	15	100	3000 secs		1	30
					Sprengnether	E	6.7	6.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
					Wanner Accelerograph	Z,N,E	0.1		Nearly 50	0.6		600
[illegible]	26.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1		60
Visakha-patnam	17.43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
VIS					Wood-Anderson	E	2.0		950	1		30
						N	0.8		950	1		30
					Electromagnetic(S.P.)	Z	1.55	1.55	6000	1	1	60

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DATE	STN	PHASE	H.	M.	S.		Δ km
01	SHL	iPg	00	00	28	C	70
		iSg		00	36		
01	BOK	e	03	36	30		
01	POO	eP	04	46	03		
01	DDI	iP	06	01	50		
	NDI	iP	06	02	03		
	CHA	iP	06	03	25	C	
	POO	eP	06	03	38		
	SHL	eP	06	04	00		
01	DDI	eP	07	13	37		
01	BOK	i	07	36	10		
01	NDI	e	08	15	03		
01	SHL	iP	08	33	19	R	
01	BOK	e	10	06	32		
01	CHA	iP	14	58	59	C	470
		S(?)		59	49		
01	SHL	iP	16	08	37	C	
	CHA	iP	16	08	57	C	
	NDI	i	16	09	38		
	POO	iP	16	10	37	C	
02	PBA	ePg	06	00	01		35
		iSg		00	04		
02	DDI	e	06	44	44		
02	NDI	e	06	46	37		
		i		46	42		
02	BOK	e	08	08	48		
02	BOK	e	08	12	07		

02 Epc: 33.9°N, 73.0°E, West Pakistan. Felt at Rawalpindi and Havelian. Depth 26kms (CGS) H=09h 20m 07.5s. Mag. 5.3 (USCGS).

BHA	ePn	09	21	07.8		400
	eP*		21	14.8		
	Pg		21	22.4		
	iSn		21	51.8		
	S*		22	0.8		
	Sg		22	11.6		
DDI	iPn	09	21	33		560
	Pg		21	58		
	iSn		22	33		
	Sg		23	02		
NDI	ePn	09	21	40		670
	P*		21	53		
	Sn		22	50		
CHA	iP	09	23	26		1450
	eS		26	00		
BOK	eP	09	23	40		1510
	iS		26	13		
	SS		26	28		
	SSS		26	40		

DATE	STN	PHASE	H.	M.	S.		Δ km
02	BOM	eP	09	23	43		1600
		PPP		24	03		
		LQ		26	20		
		eS		26	24		
		SS		26	40		
	POO	eP	09	23	43		1600
		e		27	07		
	SHL	iP	09	24	17	SWC	1960
		iS		27	32		
	VIS	eP	09	24	24		2040
		iS		27	47		
	GOA	eP	09	24	27		
	SEH	eS	09	24	48		
	KOD	iP	09	25	23.5		2710
		iS		29	38		
	CAL	e	09	27	30		
		i		29	41		
	MDR	eS	09	28	54		
		e		30	41		
		e		31	15		
02	CHA	iPg	15	58	17		
02	NDI	iP	17	28	45		
03	NDI	eP	00	02	05		
03	NDI	i	01	05	46		
03	POO	eP	01	06	42		
	NDI	iP	01	06	51	R	
03	NDI	eP	02	25	50		
03	POO	iP	02	30	44.5		

03 Epc: 0.1°N, 123.5°E, Northern Celebes. Depth 131Kms (CGS) H= 05h 48m 06.1s. Mag. 5.9 (CGS).

BHA	iP	05	54	27.8	SEC	
PBA	eP	05	54	30	C	
	e		55	49		
	e		57	11		
	e	06	00	43		
SHL	iP	05	55	28	NWC	4440
	iS	06	01	20		
CAL	iP	05	55	41		
VIS	iP	05	55	59	WC	4820
	iPP		57	43		
	iS	06	02	16		
BOK	iP	05	55	59	SER	4850
	PP		57	45		
	PPP		58	27		
	PcS	06	01	32		
	eS	06	02	18		
	SS	06	05	16		
CHA	iP	05	56	03	C	4950
	PP		57	46		
	PcS	06	01	26		
	iS	06	02	25		

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DATE	STN	PHASE	H.	M.	S.		Δ km
03	MDR	iP	05	56	11		5050
		PP		57	55		
		PPP		58	27		
		iS	06	02	36		
		SS		05	37		
		LQ		06	07		
		SSS		06	27		
	KOD	iP	05	56	25.5	C	
	POO	iP	05	57	03.3	C	
		e		57	56		
		e		59	06		
	NDI	iP	05	57	07	NW	5780
		iS	06	04	21		
	DDI	iP	05	57	09		
	BOM	iP	05	57	15	WC	5890
		PP		59	14		
		PcS	06	02	27		
		eS		04	34		
		ScS		07	04		
03	DDI	eS	06	04	27		
	PBA	iP	06	04	41	R	
	NDI	i	06	05	19		
03	BOK	i	08	36	46		
03	SHL	iP	12	04	19	R	
	CHA	iP	12	04	58	R	
	VIS	eP	12	05	25	C	
	NDI	iP	12	06	12	ER	
	BHA	iP	12	06	22		
	KOD	iP	12	06	22	ER	
	POO	iP	12	06	37.2		
03	NDI	iPg	12	46	33.6	SEC	39
		iSg		46	38.2		
03	SHL	iP	17	17	02	R	
	CHA	iP	17	17	41	C	
	VIS	iP	17	18	26	WR	
	DDI	iP	17	18	47		
	NDI	eP	17	18	53	WC	
	KOD	iP	17	19	31.5	ER	
	POO	iP	17	19	33	C	
03	SHL	iP	17	26	50	C	
	CHA	iP	17	27	29	C	
	VIS	eP	17	28	12	R	
	DDI	iP	17	28	35		
	NDI	iP	17	28	40	EC	
	POO	eP	17	29	20		
03	SHL	iPg	17	56	32		20
		iSg		58	34		

DATE	STN	PHASE	H.	M.	S.		Δ km
03	SHL	eP	18	03	25		
	CHA	iP	18	04	03	C	
	VIS	iP	18	04	48	WR	
	DDI	iP	18	05	10		
	NDI	eP	18	05	15		
	POO	iP	18	05	55		
03	SHL	iP	18	16	25	R	
03	CHA	iP	18	17	03	R	
03	POO	eP	18	18	55		
03	CHA	iP	21	31	42	R	
03	NDI	ePg	22	41	33		51
		iSg		41	39		
04	NDI	iPg	02	39	43.5	EC	24
		iSg		39	46.3		
04	POO	eP	06	53	03		
04	NDI	e	08	46	20		
04	SHL	eP	08	47	57		
04	Epc: 15.9°S, 167.9°E, New Hebrides Islands, Depth 190Kms (CGS). H=10h 39m 12.2s. Mag. 6.0 (USCGS).						
	PBA	iP	10	51	00	R	8960
		iS	11	00	46		
	SHL	iP	10	51	27	SER	9390
		pP		52	09		
		iS	11	01	32		
		e		02	32		
		i		02	40		
	VIS	iP	10	51	45	EC	9780
		iPP		54	55		
		iS	11	01	58		
		i		02	23		
		ePS		03	03		
		ePPS		03	21		
	BOK	eP	10	51	50		
		i		55	54		
	CHA	iP	10	51	50	R	
	MDR	eP	10	52	00		10130
		PP		55	06		
		PPP		57	00		
		iS/SKS	11	02	15		
		ScS		02	40		
		PS		03	04		
		PPS		03	36		
		SS		07	34		
		SSS		10	55		
	KOD	iP	10	52	08	NEC	10330
		SKS	11	02	27		
	DDI	iP	10	52	27		
	NDI	eP	10	52	27	R	10890

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DATE	STN	PHASE	H.	M.	S.		Δ km
04	NDI	PP	10	57	08		
		SKS	11	02	48		
		PS		04	08		
	POO	eP	10	52	31		
	BOM	eP	10	52	37		11110
		SKS	11	03	07		
	POO	e	10	53	15		
		e	11	06	07		
	POO	e	10	53	15		
		e	11	06	07		
04	BHA	eP	10	57	10		
		i	11	06	17		
04	CAL	i	11	01	49		
04	CHA	iP	11	02	03	C	
04	BOK	i	11	06	04		
04	SHL	iP	16	32	22	C	
04	SHL	ePg	19	43	37		100
		iSg		43	49		
04	SHL	iP	20	56	45	C	
		i		58	57		
	POO	iP	20	56	52.7	C	
	CHA	eP	20	57	01	C	
	NDI	e	20	57	29		
	DDI	iP	20	57	35		
04	SHL	iP	22	25	44	R	
	CHA	iP	22	26	11	R	
	NDI	iP	22	26	58	EC	
	POO	iP	22	27	05	C	
04	SHL	iP	23	35	21	C	
05	DDI	eP	02	07	05		
05	Epc: 39.2N, 22.0E, Greece Felt in Central Greece. Depth 38Kms(CGS). H = 02h 01m 48.3s. Mag. 5.8 (USCGS).						
	BHA	iP	02	09	59	C	4890
		iS		16	33		
	NDI	iP	02	10	13	NWR	5140
		PcP		14	44		
		PP		15	06		
		ScP		15	42		
		iS		17	00		
		SS		20	51		
	BOM	iP	02	10	25	NWR	5330
		PcP		11	51		
		PP		12	19		
		PcP	02	15	46		
		iS		17	25		
		ScS		20	17		
	POO	iP	02	10	33.5		5370
		e		12	32		
		iS	02	17	33		

DATE	STN	PHASE	H.	M.	S.		Δ km
05	KOD	iP	02	11	32.5	SER	
	MDR	iP	02	11	34		6280
		PPP		14	58		
		eS		19	30		
		PcS		19	50		
		ScS		21	24		
		SS		23	17		
	PBA	e	02	12	45		
		i		13	15		
05	NDI	i	02	19	34		
05	POO	eP	02	29	37		
05	Epc: 39.2°N, 22.2°E, Greece, Depth 45Kms (CGS). H= 02h 58m 00.6 Mag. 5.2 (USCGS).						
	NDI	iP	03	06	24	NWR	
	POO	eP	03	06	44		
	SHL	iP	03	07	58	R	
05	SHL	ePg	04	10	13		110
		iSg		10	26		
05	DDI	i	05	37	39		
05	NDI	e	05	38	50		
05	POO	eP	05	51	32		
05	NDI	e	05	52	50		
06	SHL	iPg	07	17	43	R	60
		iSg		17	50		
05	BOK	i	07	39	55		
05	DDI	e	08	36	17		
	NDI	e	08	36	40		
05	POO	eP	11	25	27		
05	Epc: 26.1°N, 103.1°E, Yunnan Province China, Depth 15Kms (CGS). H=15h 12m 29.1s. Mag. 6.1 (USCGS).						
	TOC	eP	15	14	18		
	SHL	eP	15	14	58		1060
		i		16	39		
		iS		16	48		
	CHA	iP	15	15	52	R	1570
		eS		18	30		
		SS		18	51		
		SSS		18	58		
	CAL	iP	15	15	59		1620
		iS		18	42		
	BOK	iP	15	16	13		1700
		iS		19	04		
		SSS		19	31		
	PBA	iP	15	16	36	C	1940
		PP		16	52		
		PPP		17	02		
		S		19	50		
		SS		29	08		
	VIS	iP	15	17	08	NWR	2330
		iPP		17	37		

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DATE	STN	PHASE	H.	M.	S.		△ km
05 Contd.	VIS	iPPP	15	17	46		
		iS		20	58		
		iSS		21	46		
		iSSS		22	00		
		iScP		24	04		
	DDI	iP	15	17	29		2470
		iS		21	35		
	NDI	iP	15	17	35	ER	2540
		PPP		18	13		
		iS		21	36		
		SS		22	07		
		LR		22	52		
		PcS		23	00		
	BHA	iP	15	17	44	R	2670
		PP		18	14		
		PPP		18	31		
		PcP		21	12		
		S		22	00		
		SSS		23	11		
		LR		23	54		
	SEH	iP	15	17	48		2690
		iS		22	03		
	HYD	iP	15	17	52	N	2730
		iS		22	12		
		SS		23	03		
		SSS		23	27		
	MDR	eP	15	18	00		2880
		PP		18	39		
		PPP		18	54		
		e		20	15		
		iS		22	28		
		LQ		23	15		
		SS		23	31		
	POO	iP	15	18	23	C	3120
		PP		19	16		
		iS		23	08		
	BOM	eP	15	18	29		3150
		PP		19	21		
		PPP		19	33		
		eS		23	16		
		SS		24	41		
		SSS		25	00		
	KOD	iP	15	18	33		3280
		PP		19	30		
		PPP		19	44		
		PcP		21	40		
		iS		23	28		
		LQ		24	44		
		SS		24	59		
		SSS		25	19		
	GOA	iP	15	18	35	C	
05	DDI	e	16	12	54		
05	NDI	e	16	13	02		
05	Epc: 50.2°N, 155.1°E, Kurile Islands, Depth 98 Kms. H= 16h 16m 01s (USCGS). Mag. 5.8 (CGS).						
	SHL	iP	16	25	17	C	
	CHA	iP	16	25	33	C	
	DDI	iP	16	25	56		
	BHA	iP	16	25	58		
	NDI	iP	16	26	07	SWC	
	PBA	iP	16	26	22		
		i		26	58		
	VIS	iP	16	26	35	WC	
	BOM	eP	16	27	08		
		e		28	05		
	POO	iP	16	27	08	C	
	MDR	iP	16	27	10	E	7890
		PcP		27	31		
		PP		29	49		
		PPP		31	27		
		iS		36	17		
		PS		36	48		
		SKS		37	06		
		SS		40	50		
	KOD	iP	16	27	32	NEC	
05	SHL	eP	18	57	51	C	
05	DDI	eP	19	00	24		
05	NDI	eP	19	00	30		
05	POO	eP	19	54	51		
05	SHL	iP	19	57	03	C	
05	SHL	iP	23	25	30	C	
	CHA	iP	23	25	59	R	
	VIS	eP	23	26	04		
	NDI	eP	23	26	44		
	POO	eP	23	26	51		
	POO	iP	23	53	54.5	C	
	KOD	iP	23	54	00.8	ER	
	NDI	iP	23	54	01	C	
		i		00	04		
	DDI	iP	23	54	02		
	VIS	eP	23	54	10		
	CHA	iP	23	54	13	R	
		i		54	44		
	SHL	iP	23	54	18		
06	POO	eP	04	31	49		
	VIS	eP	04	31	55		
06	Epc: 26.2°N, 103.1°E. Yunnan Province China. Depth 5 Kms (CGS). H= 09h 13m 19.6s. Mag. 5.4 (USCGS).						
	SHL	iP	09	15	50	R	
	CHA	eP	09	16	58		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
06	BOK	e	09	17	05		
	VIS	iP	09	17	56	WR	2210
		PP		18	12		
		PPP		18	23		
		eS		21	42		
	DDI	iP	09	18	21		
	NDI	eP	09	18	27	WC	2560
		eS		22	34		
	MDR	eP	09	18	51		2830
		PP		19	26		
		PPP		19	41		
		eS		23	16		
	POO	eP	09	19	15		
	SHL	iP	10	11	33		
06	NDI	i	11	09	19		
06	DDI	iP	11	22	21		
	NDI	e	11	22	34		
	DDI	iS	11	22	44		
06	POO	eP	11	27	56		
06	BHA	iPn	11	57	03	SC	190
	iPg			57	07.6		
	iSn			57	25.8		
	NDI	e	11	57	56		
06	SHL	ePn	18	38	30		200
		iSn		38	54		
06	SHL	iP	19	12	56	C	
06	POO	eP	21	18	31		
06	SHL	iP	23	40	07	C	
	CHA	iP	23	40	12		
	DDI	iP	23	40	13		
	NDI	iP	23	40	21	WC	
	POO	eP	23	44	53		
07	SHL	iP	03	44	12	R	
07	SHL	eP	04	03	24		

07 Epc: 29.8°N, 69.7°E, West Pakistan Felt at Bhawalpur Fort Munro, Lahore. Depth 33 Kms (CGS). H= 04h 26m 13.9s. Mag. $6\frac{1}{4}$-$6\frac{1}{2}$ (Pas) $6\frac{1}{2}$ - $6\frac{3}{4}$ Pal.

BHA	iP	04	27	41.8	SEC	635
	PP		27	49.8		
	PPP		27	55.8		
	iS		28	49.2		
NDI	iPn	04	27	50	SEC	710
	P*		28	03		
	Pg		28	31		
	Sn		29	04		
	S*		29	25		
	Sg		29	45		

DATE	STN	PHASE	H.	M.	S.		△ km
07	DDI	iP	04	27	59		
	SEH	iP	04	28	32		1030
		PP		28	40		
		PPP		28	46		
		iS		30	18		
		SS		30	28		
	BOM	eP	04	28	51		1230
		e		29	01		
		PPP		29	08		
		LQ		30	48		
		eS		30	57		
		SS		31	11		
	POO	iP	04	29	02		1360
		eS		31	20		
		e		31	34		
	DDI	eS	04	29	33		
	HYD	e	04	29	39		1690
		eP		29	53		
		iS		32	43		
	BOK	iP	04	29	48	NW	1650
		LQ		32	33		
		iS		32	35		
		SS		32	45		
	GOA	eP	04	29	51		
	CHA	eP	04	29	52		1660
		PP		30	06		
		eS		32	45		
		SS		33	04		
		SSS		33	17		
	VIS	iP	04	30	09	NWR	1890
		iPP		30	24		
		iPPP		30	32		
		iS		33	17		
	CAL	iP	04	30	32		2090
		iS		33	36		
	MDR	eP	04	30	39		2150
		PP		30	57		
		PPP		31	06		
		iS		34	11		
		SS		34	38		
	SHL	iP	04	30	47	SEC	2220
		iS		34	25		
	KOD	iP	04	30	57	EC	2340
		iS		34	51		
		PP		31	20		
		PPP		31	33		
		LQ		35	04		
		SS		35	36		
		LR		36	09		
		PcS		38	29		
		ScS		42	11		
	TOC	eP	04	31	10.5		
	PBA	iP	04	32	08	R	3160
		PP		32	58		
		PPP		33	13		
		eS		36	52		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	△ km	
07 Contd.	PBA	SS	04	38	06		
		SSS		38	24		
07	BHA	eP	04	57	39	745	
		eS		58	46.6		
		SS		58	56.8		
	NDI	ePn	04	57	48		
		e		59	41		
	POO	eP	04	59	03		
	SHL	eP	05	00	45		
	MDR	e	05	04	39		
	BHA	eP	05	04	58.5	620	
		eS		06	04.6		
	NDI	eP	05	05	12	C	
07	MDR	e	05	13	34		
07	Epc: 30.0°N, 69.9°E, West Pakistan. Depth 10 Kms (CGS). H = 05h 21m 44.6s. Mag. 5.4 (USCGS).						
07	BHA	eP	05	23	13.6	640	
		eS		24	23.6		
	NDI	ePn	05	23	23	690	
		Pg		32	52		
		eSn		24	36		
		eSg		25	17		
	BOM	eP	05	24	28	1230	
		e		24	48		
		eS		26	35		
	POO	eP	05	24	38		
	BOK	eP	05	25	22	1690	
		LQ		28	03		
		eS		28	08		
		SS		28	25		
		SSS		28	36		
	CHA	eP	05	25	36		
	VIS	eP	05	25	45	1790	
		iS		28	44		
	MDR	eP	05	26	12	2250	
		PP		26	35		
		eS		29	55		
		LQ		30	03		
		SS		30	25		
		SSS		30	41		
	KOD	eP	05	26	33.5	NWR	
	TOC	e	05	26	43		
07	BHA	iP	05	31	43.8		
07	MDR	e	05	38	51		
07	BHA	e	05	40	56		
		i		41	24		
07	BHA	iP	06	01	26.8		
		e		01	47.6		
		e		02	33		

DATE	STN	PHASE	H.	M.	S.	△ km	
07	NDI	ePn	06	01	35	WR	720
		Sn		02	51		
	POO	eP	06	02	53		
	BOK	e	06	03	36		
07	VIS	eP	06	07	20	1790	
		iS		10	19		
	MDR	e	06	09	43		
	NDI	e	06	30	44		
		e		42	13		
07	POO	eP	06	46	05		
	CAL	e	06	50	12		
		i		58	48		
	MDR	e	06	50	41		
07	NDI	ePn	06	50	48	690	
		eSn		52	01		
	POO	eP	06	52	10		
	BOK	e	06	55	29		
	CHA	e	06	56	00		
	MDR	e	06	59	18		
07	MDR	e	07	06	02		
07	NDI	eP	07	15	33		
07	NDI	e	07	24	54		
07	BOK	e	07	29	47		
		i		36	31		
07	BHA	e	07	29	47.4		
		i		31	35.2		
07	NDI	iPn	07	29	52	650	
		P*		30	05		
		Sn		31	01		
07	POO	eP	07	31	13		
07	SEH	e	07	31	35		
07	CHA	e	07	35	08		
07	MDR	e	07	36	59		
		e		38	13		
07	BOK	i	07	54	30		
07	BHA	eP	08	04	24.		
07	NDI	eP	08	04	33		
07	POO	eP	08	08	06		
07	BOK	i	08	39	35		
07	Epc: 30.0°N, 69.9°E West Pakistan. Depth 15 Kms (CGS). H= 08h 38m 11.3s. Mag. 4.8(USCGS).						
	BHA	iP	08	39	39.8	R	640
		PP		39	48		
		PPP		39	54		
		iS		40	48.2		

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DATE	STN	PHASE	H.	M.	S.		△ km
06	BOK	e	09	17	05		
	VIS	iP	09	17	56	WR	2210
		PP		18	12		
		PPP		18	23		
		eS		21	42		
	DDI	iP	09	18	21		
	NDI	eP	09	18	27	WC	2560
		eS		22	34		
	MDR	eP	09	18	51		2830
		PP		19	26		
		PPP		19	41		
		eS		23	16		
	POO	eP	09	19	15		
	SHL	iP	10	11	33		
06	NDI	i	11	09	19		
06	DDI	iP	11	22	21		
	NDI	e	11	22	34		
	DDI	iS	11	22	44		
06	POO	eP	11	27	56		
06	BHA	iPn	11	57	03	SC	190
		iPg		57	07.6		
		iSn		57	25.8		
	NDI	e	11	57	56		
06	SHL	ePn	18	38	30		200
		iSn		38	54		
06	SHL	iP	19	12	56	C	
06	POO	eP	21	18	31		
06	SHL	iP	23	40	07	C	
	CHA	iP	23	40	12		
	DDI	iP	23	40	13		
	NDI	iP	23	40	21	WC	
	POO	eP	23	44	53		
07	SHL	iP	03	44	12	R	
07	SHL	eP	04	03	24		

07 Epc: 29.8°N, 69.7°E, West Pakistan Felt at Bhawalpur Fort Munro, Lahore. Depth 33 Kms (CGS). H= 04h 26m 13.9s. Mag. $6\frac{1}{4}$-$6\frac{1}{2}$ (Pas) $6\frac{1}{2}$ - $6\frac{2}{4}$ Pal.

BHA	iP	04	27	41.8	SEC	635
	PP		27	49.8		
	PPP		27	55.8		
	iS		28	49.2		
NDI	iPn	04	27	50	SEC	710
	P*		28	03		
	Pg		28	31		
	Sn		29	04		
	S*		29	25		
	Sg		29	45		

DATE	STN	PHASE	H.	M.	S.		△ km
07	DDI	iP	04	27	59		
	SEH	iP	04	28	32		1030
		PP		28	40		
		PPP		28	46		
		iS		30	18		
		SS		30	28		
	BOM	eP	04	28	51		1230
		e		29	01		
		PPP		29	08		
		LQ		30	48		
		eS		30	57		
		SS		31	11		
	POO	iP	04	29	02		1360
		eS		31	20		
		e		31	34		
	DDI	eS	04	29	33		
	HYD	e	04	29	39		1690
		eP		29	53		
		iS		32	43		
	BOK	iP	04	29	48	NW	1650
		LQ		32	33		
		iS		32	35		
		SS		32	45		
	GOA	eP	04	29	51		
	CHA	eP	04	29	52		1660
		PP		30	06		
		eS		32	45		
		SS		33	04		
		SSS		33	17		
	VIS	iP	04	30	09	NWR	1890
		iPP		30	24		
		iPPP		30	32		
		iS		33	17		
	CAL	iP	04	30	32		2090
		iS		33	56		
	MDR	eP	04	30	39		2150
		PP		30	57		
		PPP		31	06		
		iS		34	11		
		SS		34	38		
	SHL	iP	04	30	47	SEC	2220
		iS		34	25		
	KOD	iP	04	30	57	EC	2340
		iS		34	51		
		PP		31	20		
		PPP		31	33		
		LQ		35	04		
		SS		35	36		
		LR		36	09		
		PcS		38	29		
		ScS		42	11		
	TOC	eP	04	31	10.5		
	PBA	iP	04	32	08	R	3160
		PP		32	58		
		PPP		33	13		
		eS		36	52		

DATE	STN	PHASE	H.	M.	S.	△ km
07	PBA	SS	04	38	06	
Contd.		SSS		38	24	
07	BHA	eP	04	57	39	745
		eS		58	46.6	
		SS		58	56.8	
	NDI	ePn	04	57	48	
		e		59	41	
	POO	eP	04	59	03	
	SHL	eP	05	00	45	
	MDR	e	05	04	39	
	BHA	eP	05	04	58.5	620
		eS		06	04.6	
	NDI	eP	05	05	12 C	
07	MDR	e	05	13	34	
07	Epc: 30.0°N, 69.9°E, West Pakistan. Depth 10 Kms (CGS). H = 05h 21m 44.6s. Mag. 5.4 (USCGS).					
07	BHA	eP	05	23	13.6	640
		eS		24	23.6	
	NDI	ePn	05	23	23	690
		Pg		32	52	
		eSn		24	36	
		eSg		25	17	
	BOM	eP	05	24	28	1230
		e		24	48	
		eS		26	35	
	POO	eP	05	24	38	
	BOK	eP	05	25	22	1690
		LQ		28	03	
		eS		28	08	
		SS		28	25	
		SSS		28	36	
	CHA	eP	05	25	36	
	VIS	eP	05	25	45	1790
		iS		28	44	
	MDR	eP	05	26	12	2250
		PP		26	35	
		eS		29	55	
		LQ		30	03	
		SS		30	25	
		SSS		30	41	
	KOD	eP	05	26	33.5 NWR	
	TOC	e	05	26	43	
07	BHA	iP	05	31	43.8	
07	MDR	e	05	38	51	
07	BHA	e	05	40	56	
		i		41	24	
07	BHA	iP	06	01	26.8	
		e		01	47.6	
		e		02	33	

DATE	STN	PHASE	H.	M.	S.	△ km
07	NDI	ePn	06	01	35 WR	720
		Sn		02	51	
	POO	eP	06	02	53	
	BOK	e	06	03	36	
07	VIS	eP	06	07	20	1790
		iS		10	19	
	MDR	e	06	09	43	
	NDI	e	06	30	44	
		e		42	13	
07	POO	eP	06	46	05	
	CAL	e	06	50	12	
		i		58	48	
	MDR	e	06	50	41	
07	NDI	ePn	06	50	48	690
		eSn		52	01	
	POO	eP	06	52	10	
	BOK	e	06	55	29	
	CHA	e	06	56	00	
	MDR	e	06	59	18	
07	MDR	e	07	06	02	
07	NDI	eP	07	15	33	
07	NDI	e	07	24	54	
07	BOK	e	07	29	47	
		i		36.	31	
07	BHA	e	07	29	47.4	
		i		31	35.2	
07	NDI	iPn	07	29	52	650
		P*		30	05	
		Sn		31	01	
07	POO	eP	07	31	13	
07	SEH	e	07	31	35	
07	CHA	e	07	35	08	
07	MDR	e	07	36	59	
		e		38	13	
07	BOK	i	07	54	30	
07	BHA	eP	08	04	24.	
07	NDI	eP	08	04	33	
07	POO	eP	08	08	06	
07	BOK	i	08	39	35	
07	Epc: 30.0°N, 69.9°E West Pakistan. Depth 15 Kms (CGS). H= 08h 38m 11.3s. Mag. 4.8(USCGS).					
	BHA	iP	08	39	39.8 R	640
		PP		39	48	
		PPP		39	54	
		iS		40	48.2	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
07	NDI	ePn	08	39	49	SEC	650
		P*		40	03		
		Pg		40	17		
		eSn		40	58		
		S*		41	18		
07	SEH	eP	08	40	56		1030
		eS		42	42		
	POO	eP	08	41	06		
	BOK	eP	08	41	49		1690
		eS		44	41		
	VIS	eP	08	42	18		1890
		iS		45	27		
	SHL	eP	08	42	46		
	KOD	eP	08	43	02		
	CHA	e	08	44	40		
	CAL	e	08	46	07		
		i		47	47		
	MDR	e	08	46	46		
		e		47	49		
		e		48	35		
	HYD	e	08	47	25		
07	NDI	eP	09	37	26		
	BHA	e	09	37	40		
07	POO	eP	09	40	57		
07	SHL	eP	09	43	30		
07	POO	eP	09	55	41		
07	POO	eP	10	39	44		
07	NDI	eP	10	42	36		
07	POO	eP	10	47	14		
07	BHA	eP	10	54	16.4		
07	POO	eP	10	58	04		
07	PBA	iPg	11	08	11	C	150
		iSg		08	29		
		SS		08	41		
		SSS		08	51		
07	BHA	eP*	11	26	29		1080
		i		27	37.4		
		eS		28	09.6		
	NDI	eP	11	26	36		670
		eS		27	46		
	POO	eP	11	28	01		
	SHL	eP	11	29	33		
	BOK	e	11	31	21		
	MDR	e	11	35	05		
07	SHL	iP	12	32	53	C	
07	SHL	eP	12	34	25		
07	SHL	iP	13	47	01	C	
07	NDI	e	14	07	11		
07	DDI	eP	14	08	47		
07	NDI	e	14	44	37		
		e		45	53		
07	NDI	eP	15	47	03		
07	NDI	ePn	15	57	55		660
		eSn		59	05		
		Sg		59	42		
	DDI	eP	15	58	01		
	BHA	eP	15	58	07		
	POO	eP	15	59	34		
	BOK	eP	15	59	57		
	SHL	eP	16	00	51		
07	MDR	e	16	06	20		
07	DDI	i	16	11	28		
07	NDI	e	16	12	26		
07	NDI	e	16	52	30		
07	NDI	e	16	59	31		
07	SHL	iPg	17	59	07	C	60
		Sg		59	14		
07	NDI	e	18	26	50		
07	NDI	e	18	31	35		
	DDI	e	18	35	44		
	BHA	e	18	36	36		
	POO	e	18	39	57		
07	NDI	eP	19	22	38		
	DDI	eP	19	23	14		560
		eS		24	13		
07	POO	eP	19	26	46		
07	NDI	e	20	23	22		
07	SHL	iPg	20	46	27	C	110
		PP		46	33		
		iSg		46	40		
07	NDI	e	20	53	30		
07	NDI	e	20	56	32		
07	SHL	iP	21	51	01	R	

07 Epc: 30.2N, 69.8°E. West Pakistan felt in Loralai, Bhawalpur, Fort Munro and Multan. Depth 10 Kms. H= 23h 06m 34.5s. Mag. 5.8 (USCGS).

BHA	eP	23	08	02.6			640
	PP		08	09.2			
	PPP		08	16			
	iS		09	09.2			
	LQ		09	10			
NDI	iPn	23	08	12	SEC		650
	P*		08	25			
	Sn		09	22			
	S*		09	40			

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
07	DDI	iP	23	08	20		770
		eS		09	44		
	SEH	iP	23	08	55		1030
		PP		09	03		
		PPP		09	10		
		LQ		10	30		
		iS		10	39		
		SS		10	55		
		SSS		11	05		
	BOM	eP	23	09	23		1280
		PPP		09	41		
		eS		11	33		
		SS		11	46		
		SSS		11	57		
	POO	iP	23	09	26.5	C	1310
		eS		11	43		
	HYD	iP	23	10	04		1620
		iS		12	47		
	GOA	eP	23	10	06		
	BOK	iP	23	10	11	NWR	1610
		PP		10	23		
		LQ		12	44		
		iS		12	54		
		SS		13	08		
	CHA	iP	23	10	13		1680
		S		13	02		
		SS		13	21		
		PcP		15	15		
	VIS	iP	23	10	37	SEC	1840
		iS		13	41		
	CAL	iP	23	10	51		2090
		iS		14	15		
	MDR	iP	23	11	06	E	2150
		PP		11	24		
		PPP		11	34		
		iS		14	38		
		SS		15	05		
	SHL	iP	23	11	07	SEC	2330
		iS		14	48		
	KOD	iP	23	11	25	SEC	2380
		PP		11	49		
		eS		15	19		
		LQ		15	32		
		SS		15	52		
		SSS		16	02		
	TOC	eP	23	11	29.5		
	PBA	iP	23	12	32	C	
		e		13	08		
		e		17	09		
08	BHA	iPn	00	04	46.6		580
		iPg		05	10		
		iSn		05	49		
		iSg		06	18		
	NDI	ePn	00	04	55		640
		P*		05	08		
		Sn		06	03		

DATE	STN	PHASE	H.	M.	S.		△ km
08	POO	eP	00	06	23		
	SEH	e	00	08	18		
	BOK	e	00	09	40		
08	BHA	eP	00	12	57.4		630
		PP		13	03.6		
		iS		14	03.4		
	NDI	eP	00	13	07		
	MDR	eP	00	13	34		
	SEH	eP	00	15	30		
08	MDR	eP	00	20	11		
08	NDI	ePn	00	27	23		
	BHA	iP	00	27	24.6	R	655
		eS		28	33.6		
	POO	eP	00	28	50		
	SEH	eP	00	29	52		
	SHL	eP	00	30	30		
08	VIS	eP	00	33	39		
08	MDR	e	00	35	20		
		e		36	07		
08	NDI	e	00	40	11		
08	POO	eP	00	44	42		
08	NDI	e	01	03	07		
08	NDI	e	01	07	07		
	BHA	e	01	07	14		
08	POO	eP	01	11	08		
08	NDI	e	01	13	27		
08	NDI	e	01	26	07		
08	POO	eP	01	29	36		
08	NDI	e	01	39	43		
08	NDI	e	01	59	05		
08	NDI	e	02	30	45		
08	POO	eP	02	34	22		
08	NDI	e	03	10	40		
08	POO	eP	03	14	16		
08	NDI	e	04	00	20		
08	NDI	e	04	33	05		
		e		37	40		
08	DDI	eP	04	54	50		1290
		eS		57	01		
08	EPC: 30°N, 70.5°E. H= 05h 53m 09s (New Delhi).						
	BHA	iPn	05	54	33.8	R	600
		i		54	36		
		iPg		54	55.6		
		iSn		55	40		
		S*		55	58		
		iSg		56	13.4		

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DATE	STN	PHASE	H.	M.	S.		△ km
08	NDI	iPn	05	54	42	EC	670
		P*		54	54		
		Sn		55	53		
		Sg		56	34		
	POO	eP	05	56	03		
	BOK	e	05	56	43		
		i	06	01	19		
08	SHL	eP	05	57	40		
	KOD	eP	05	57	56	R	
08	CHA	e	05	59	54		
08	VIS	iP	06	00	53		
08	MDR	e	06	02	42		
		e		03	12		
08	SHL	eP	06	59	18		
08	NDI	e	07	54	35		
	BHA	ePn	08	00	53		660
		Pg		01	20.6		
		eSn		02	00.6		
		Sg		02	29		
	NDI	ePn	08	01	03		720
		P*		01	14		
		Sn		02	18		
	DDI	eP	08	01	09		
		i		01	43		
		i		03	16		
	POO	eP	08	02	24		
	SHL	eP	08	04	10		
	BOK	eP	08	05	38		
08	DDI	e	08	38	12		
	NDI	e	08	38	30		
08	BHA	eP	12	09	50.4		635
		eS		10	55.6		
	NDI	ePn	12	10	00		670
		eSn		11	11		
	DDI	eP	12	10	04		
08	POO	eP	12	11	20		
08	SHL	eP	12	12	55		
	BOK	e	12	14	40		
08	MDR	e	12	18	33		
08	NDI	e	12	24	28		
08	NDI	iP	15	13	54		
08	NDI	e	15	36	55		
08	SHL	iPg	16	13	04		20
		Sg		13	06		
08	DDI	e	16	27	31		
	NDI	e	16	27	36		

DATE	STN	PHASE	H.	M.	S.		△ km
08	CHA	e	16	29	26		
	POO	eP	16	31	52		
08	NDI	e	16	50	16		
08	NDI	e	17	15	55		
08	SHL	iP	17	43	00	C	
08	NDI	iPg	20	16	06.5	NEC	90
		iSg		16	17		
08	POO	eP	20	16	37		
08	SHL	iP	20	17	47	R	
08	NDI	iP	20	28	57	R	
08	SHL	iP	20	57	14	C	
	DDI	e	20	58	56		
08	NDI	e	21	00	37		
08	POO	eP	21	05	22		
08	DDI	e	22	02	40		
	NDI	e	22	02	56		
08	KOD	eP	23	31	49	EC	2610
		eS		36	00		
08	POO	eP	23	32	50		
08	CHA	iP	23	34	39	C	
08	SHL	iP	23	34	49	C	
08	MDR	e	23	36	59		
09	NDI	e	01	08	18		
	POO	eP	01	11	54		
	POO	eP	01	14	52		
	KOD	iP	01	15	19.5	C	
09	POO	eP	04	14	49		
09	KOD	ePKP$_1$	04	54	42		
09	Epc: 56.7s, 25.7W South Sandwich islands region. Depth 27kms (CGS). H= 04h 40m 28.4s. Mag. $6\frac{1}{4}$ - $6\frac{1}{2}$ (Pal).						
	MDR	PKP	04	59	10		12720
		PP	05	00	11		
		PPP		02	36		
		SKS		05	58		
		SS		16	01		
		SSS		20	18		
	NDI	ePKP	04	59	15		13550
	BHK	PKP	04	59	20		
		PP	05	01	02		
		e		02	20		
		e		10	38		
	DDI	ePKP	04	59	21		
	POO	ePKP	04	59	25		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	△ km	
09	SHL	ePKP	04	59	28		
	BOM	ePKP	04	59	33	14000	
		PP	05	01	30		
		SKS		06	30		
		e		05	31		
		e		09	05		
	POO	e	05	08	58		
		e		10	13		
		e		15	14		
09	NDI	e	06	36	38		
	DDI	eP	06	36	48		
09	POO	eP	06	41	18		
09	Epc: 9.9°S, 116.3°E, Depth 32 Kms (CGS). H = 07h 18m 47.8s. Mag. = 5.8 (USCGS).						
	MDR	eP	07	26	41		
		e		27	43		
		e		32	46		
	SHL	iP	07	26	41	NWC	
	VIS	iP	07	26	42	C	
	TOC	e	07	26	48.8		
	KOD	e	07	26	50.2		
		e		28	39.5		
	BOK	e	07	27	00		
	POO	iP	07	27	43.5	C	
	BOM	eP	07	27	53		
		e		35	22		
	NDI	iP	07	28	06	SWC	5800
		eS		35	30		
	DDI	iP	07	28	11		
	BHA	eP	07	28	28		
09	BOK	i	08	12	00		
09	Epc: 2.0°N, 94.5°E, Off West Coast of Northern Sumatra. Depth = 33 Kms (CGS). H = 08h 14m 05s. Mag. 4.9 (USCGS).						
	PBA	eP	08	16	22		1060
		iS		18	09		
	MDR	eP	08	18	16		2020
		PP		18	30		
		PPP		18	38		
		iS		21	36		
		SS		21	58		
	KOD	iP	08	18	27		2110
		iS		21	53		
	VIS	iP	08	18	28	ER	
	BOK	eP	08	19	11		2650
		iS		23	25		
		LQ		24	01		
09	SHL	iP	08	19	14	R	2650
		iS		23	28		
		LQ		23	50		
	CHA	iP	08	19	35	R	
	POO	eP	08	19	39		
	DDI	eP	08	20	31		
09	Epc: 29.8°N, 69.8°E West Pakistan. Depth 29kms (CGS). H = 08h 22m 17.9s. Mag. 5.2 (USCGS)						
	BHA	iPn	08	23	39.9	C	600
		P*		23	51.6		
		Pg		24	07		
		Sn		24	45.6		
		SS		24	55.8		
		SSS		25	05.8		
		Sg		25	15.2		
	NDI	ePn	08	23	54	C	710
		P*		24	08		
		Sn		25	06		
	DDI	iPn	08	24	00		750
		iPg		24	33		
		iSn		25	21		
		iSg		26	08		
	SEH	eP	08	24	55		1030
		eS		26	41		
	BOM	eP	08	24	56		1180
		PP		25	03		
		eS		26	57		
		SS		27	11		
		PcP		30	59		
	BOK	eP	08	25	55		1650
		PP		26	07		
		PPP		26	15		
		eS		28	42		
		SS		28	58		
	CHA	iP	08	25	57	R	1660
		eS		28	50		
	VIS	eP	08	26	22		1950
		eS		29	36		
	MDR	eP	08	26	38		2100
		eS/LQ		30	05		
		SS		30	30		
		SSS		30	46		
	SHL	eP	08	26	52		2150
		eS		30	25		
	CAL	i	08	31	39		
	NDI	eP	10	19	20		
	DDI	eP	10	19	45		
	POO	eP	10	23	57		
09	SHL	iP	11	05	56	C	
09	NDI	iPg	12	09	28.2	EC	60
		iSg		09	35.5		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
09	POO	eP	14	17	52		
09	SHL	eP	14	18	33		
09	NDI	e	14	28	25		
	DDI	eP	14	28	43		
	BHA	e	14	29	25		
09	POO	eP	14	32	46		
09	SHL	iP	14	51	11	R	
09	POO	iP	14	53	28.8		
09	SHL	ePn	15	13	38		130
		iPg		13	40		
		Sg		13	54		
	TOC	eP	15	13	59.3		
09	POO	eP	15	33	13		
09	NDI	eP	15	33	14		
		i		33	22		
	DDI	iP	15	33	17		
	KOD	iP	15	33	18.5	R	
	SHL	eP	15	33	29		
09	SHL	iPn	16	16	31	R	330
		Pg		16	44		
		iSn		17	08		
	CHA	iP	16	17	26		770
		iS		18	51		
		i		19	06		
09	NDI	ePn	18	02	25		
09	DDI	eP	18	02	31		
09	POO	eP	18	06	41		
09	SHL	eP	20	15	52		
09	MDR	e	20	49	49		
	CHA	i	20	49	58		
		i		51	38		
	SHL	e	20	51	18		
	NDI	i	20	52	21		
09	BHA	eP	22	27	30.8		635
		Pg		27	57.8		
		Sn		28	38.4		
		Sg/M		29	07.8		
	NDI	eP	22	27	45		
	DDI	eP	22	27	53		
	POO	eP	22	29	13		
	BOK	e	22	29	49		
	CHA	e	22	29	51		
	SHL	eP	22	30	42		
	SEH	eP	22	30	47		
09	VIS	eP	22	34	10		

DATE	STN	PHASE	H.	M.	S.		∠ km
09	MDR	e	22	36	18		
		e		37	04		
		e		37	53		
09	BHA	e	22	42	55		
	DDI	iP	22	42	56		
	NDI	e	22	43	07		
		i		43	15		
	CHA	i	22	43	39	R	
	SHL	eP	22	44	32		
	POO	eP	22	45	16		
09	MDR	e	22	51	33		
09	NDI	eP	23	42	27		
09	POO	eP	23	43	15		
	NDI	eP	05	29	41		
10	DDI	iP	05	29	5?	WR	
		i		30	08		
	CHA	iP	05	30	33	C	
	BHA	eP	05	31	21		
		e		38	43		
	SHL	iP	05	31	27	C	
	POO	eP	05	34	48		
10	SHL	eP	05	37	17		
10	NDI	eP	05	38	43	WR	
10	POO	eP	05	39	31		
	MDR	eP	05	39	59		5780
		PP		41	54		
		PPP		42	57		
		eS		47	22		
		PS		47	31		
		PPS		47	39		
10	POO	e	05	43	38		
10	BOK	e	07	52	29		
10	Epc: 20.8°N, 146.3°E. Depth 43 Kms (CGS). H = 14h 21m 10.9s. Mag. 6.2 (USCGS).						
	SHL	iP	14	30	02	R	5450
		PcP		31	22		
		iS		37	06		
		ScS		39	48		
	PBA	eP	14	30	18	C	5740
		iS		37	39		
	CHA	iP	14	30	33	R	6020
		S		38	09		
		ScS		40	20		
	CAL	eP	14	30	39		
	BOK	iP	14	30	47	WC	6090
		iS		38	27		
		PS		39	09		
		ScS		40	31		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
10	VIS	iP	14	31	03	WC	6530
		iPcP		31	39		
		iS		39	08		
		PS		39	23		
		PPS		39	31		
	NDI	iP	14	31	31		6860
		PcP		32	07		
		PP		33	46		
		eS		39	53		
		PS		40	14		
		ScS		41	07		
		SS		44	46		
	BHA	eP	14	31	34		6950
		PcS		36	01		
		iS		39	48		
		SKS		40	44		
		PS		40	55		
		PPS		41	12		
		ScS		41	23		
		SS		44	56		
	MDR	iP	14	31	40	E	6920
		PcP		32	18		
		PP		34	03		
		PPP		35	34		
		iS		40	06		
		PPS		40	30		
		SS		44	01		
		SSS		46	41		
		LQ		47	20		
		LR		50	24		
	SEH	eP	14	31	55		
	KOD	iP	14	32	00.5	NEC	7360
		iS		40	49		
		PcP		32	31		
		PP		34	30		
		PS		41	07		
		PPS		41	19		
		SKS		41	48		
		SS		45	02		
	POO	eP	14	32	06	C	7430
		iS		40	58		
		PS		41	17		
		SS		45	15		
	BOM	iP	14	32	11	WC	7520
		PcP		23	39		
		PP		34	41		
		e		37	26		
		iS		41	08		
		PS		41	29		
		e		41	34		
		PPS		41	41		
		LQ		49	16		
	GOA	iP	14	32	13	C	
10	TOC	e	14	36	38.8		
10	SHL	eP	16	01	47		
10	NDI	eP	16	29	39		920
		eS		31	14		

DATE	STN	PHASE	H.	M.	S.		△ km
10	SHL	eP	16	36	50		
10	NDI	e	20	17	46		
10	TOC	e	20	22	04.6		
10	SHL	iP	20	22	20	NER	
	CHA	iP	20	22	37	R	
	NDI	iP	20	23	16		
		i		23	59		
	VIS	iP	20	23	35	ER	
	POO	iP	20	24	16.5		
	KOD	iP	20	24	37.5	SWR	
10	DDI	eP	20	39	31		
10	NDI	e	22	05	31		
10	NDI	eP	23	40	42		
	DDI	eP	23	40	53		
	CHA	e	23	42	45		
	POO	eP	23	44	09		
11	NDI	e	01	51	30		
	DDI	eP	01	51	55		
11	POO	eP	01	56	10		
11	SHL	iP	04	55	27	R	
	POO	eP	04	57	21		
11	TOC	eP	05	03	41		
11	DDI	eP	05	32	54		
11	SHL	ePg	06	00	15		110
		iSg		00	28		
11	BHA	ePn	06	14	46		580
		iPg		15	09.2		
		iSn		15	49		
		eSg		16	18		
	NDI	ePn	06	14	55		690
		P*		15	09		
		eSn		16	08		
		S*		16	26		
	DDI	iP	06	15	04		
	POO	eP	06	16	17		
	BUK	e	06	17	05		
	VIS	eP	06	17	31		
	SHL	eP	06	17	51		
	SEH	e	06	17	58		
	MDR	e	06	23	30		
11	DDI	eP	06	55	28		
	NDI	e	06	55	55		
11	BUK	e	08	03	59		
11	SHL	iP	13	19	47	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
11	NDI	eP	13	21	17	C	
	P00	eP	13	21	21		
11	SHL	iP	14	38	45	R	
11	NDI	ePg	21	26	17		40
		iSg		26	21.7		
11	SHL	iP	21	36	09	C	
11	P00	eP	21	46	48		
	NDI	ePn	21	46	50		620
		Sn		47	56		
11	BHA	i	22	45	06.8		
	NDI	iP	22	45	22	SEC	980
		iS		47	03		
12	P00	eP	02	44	25		
12	NDI	e	03	42	42		
	P00	eP	03	42	58		
12	SHL	iPg	07	50	03		70
		iSg		50	11		
12	NDI	eP	08	07	39		1190
		eS		09	41		
	P00	eP	08	09	36		
	SHL	iP	08	09	46	R	
12	BOK	i	08	21	39		
12	BOK	e	08	58	50		
12	NDI	e	15	06	28		
12	Epc: 37.0°N, 73.7°E. H = 16h 34m 11s (New Delhi).						
	BHA	iP	16	35	48.2	NR	690
		SS		37	10.8		
	NDI	iP	16	36	21		970
		eS		38	01		
	CHA	eP	16	37	55	R	1740
		i		40	50		
	BOK	eP	16	38	09		
	P00	e	16	38	14		
	SHL	iP	16	38	39	C	
	MDR	e	16	44	00		1800
		PPP		44	20		
		eS		47	02		
		SSS		47	38		
12	NDI	eP	16	59	10		
	CHA	e	17	01	11		
	BOK	e	17	01	19		
	SHL	iP	17	02	07	C	
	P00	eP	17	03	20		
	MDR	e	17	06	05		

DATE	STN	PHASE	H.	M.	S.		Δ km
12	DDI	iP	17	36	10		890
		iS		37	43		
12	DDI	i	17	59	15		
12	SHL	eP	18	51	40		
12	SHL	iP	20	25	55	C	
12	SHL	eP	22	43	45		
12	SHL	iP	23	44	23	C	
12	SHL	eP	23	48	34		
13	SHL	iPn	01	15	43		300
		iSn		16	17		
13	DDI	iP	02	00	03		
		Ss		00	37		
13	NDI	iPg	02	17	57.2	NEC	31
		iSg		18	00.8		
	DDI	iiPg	02	18	26		220
		iSg		18	53		
	SEH	e	02	20	35		
	P00	eP	02	21	06		
13	NDI	iPg	02	59	33.6	NEC	31
		iSg		59	37.2		
13	SEH	e	03	01	46		
13	BOK	e	03	03	19		
	P00	eP	03	03	44		
13	MDR	e	03	07	32		
13	P00	iP	04	04	22	C	
13	Epc: 49.8°N, 78.1°E, Eastern Kazakh SSR. Depth = 01 kms(CGS). H = 04h 57m 57.7s. Mag. 6.3, 5½ - 5¾ (BRK).						
	BHA	iP	05	01	57.3	C	1880
		PP		02	13		
		PPP		02	23		
		eS		05	04		
		SS		05	23		
		SSS		05	37		
	DDI	iP	05	02	27		
	NDI	iP	05	02	45		2370
		iS		06	38		
	CHA	iP	05	03	15	R	2670
		eS		07	30		
	SHL	iP	05	03	37	C	
	BOK	IP	05	03	39		
	SEH	eP	05	03	41		
	VIS	iP	05	04	28	C	2210
		eS		09	39		
13	MDR	eP	05	05	17		4200
		PP		06	47		
		PPP		07	07		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
13 Contd.	MDR	eS	05	11	09		
		SS		13	42		
	KOD	iP	05	05	32	SEC	
	Epc: 6.6°S, 132.6°E, Tanibar Islands Region, Depth 12kms (CGS) H = 06h 35m 55.7s. Mag. 5¾ - 6(PAL).						
	SHL	iP	06	44	59	SER	
	CHA	iP	06	45	32	C	
	MDR	eP	06	45	34		6080
		e		45	48		
		e		46	10		
		iS		53	13		
		PPS		53	29		
13	KOD	iP	06	45	47.5	SEC	
	POO	iP	06	46	25.3	C	
	NDI	iP	06	46	29		
	DDI	iP	06	46	32		
13	NDI	eP	06	54	58		
13	Epc: 26.1°N,103.2, Yunnan Province China Depth 33 Kms (CGS). H= 10h 44m 41.0s. Mag. 5¾ - 6 (Pal).						
	SEH	e	10	46	56		
	TOC	eP	10	47	02.5		
		e		48	39.5		
	SHL	iP	10	47	07	WC	1110
		eS		49	00		
	CHA	eP	10	47	59		1550
		PP		48	11		
		eS		50	34		
		SS		50	54		
		SSS		51	06		
	CAL	iP	10	48	03		1535
		iS		50	38		
	BOK	iP	10	48	23	NER	1760
		LQ		51	11		
		iS		51	14		
		SS		51	29		
		SSS		51	46		
		LR		51	53		
	PBA	iP	10	48	50	C	2000
		PP		49	07		
		PPP		49	16		
		iS		52	09		
		SS		52	33		
	VIS	iP	10	49	11	WC	2210
		iS		52	49		
	DDI	iP	10	49	38		2510
		iS		53	42		
	NDI	iP	10	49	45	WC	2570
		eS		53	49		
		SS		55	05		
		LR		56	04		

DATE	STN	PHASE	H.	M.	S.		△ km
13	HYD	iP	10	50	01		2750
		iS		54	18		
		e		55	33		
	MDR	eP	10	50	07	E	2900
		PP		50	49		
		PPP		51	01		
		PcP		53	35		
		iS		54	37		
		LQ		55	23		
		SS		55	44		
		SSS		55	42		
	BHK	iP	10	50	13	C	2790
		PP		50	49		
		iS		54	36		
		SS		55	35		
		SSS		55	48		
		PS		57	42		
	POO	iP	10	50	31.5	C	3110
		eS		55	11		
	KOD	iP	10	50	41	NEC	3230
		eS		55	29		
		PP		51	42		
		PcP		53	43		
		LQ		56	58		
		SS		57	10		
		PcS		57	18		
		SSS		57	30		
	BOM	eP	10	50	43		3180
		eS		55	31		
		LQ		56	39		
		SS		56	56		
		SSS		57	15		
		PcS		57	36		
	GOA	eP	10	50	44		
13	DDI	eP	13	49	38		
	NDI	e	13	49	58		
13	SHL	iP	14	46	23	R	
13	DDI	eP	14	48	09		
13	SHL	iP	15	12	35	C	
13	DDI	eP	16	34	20		
	NDI	e	16	35	36		
13.	Epc. 29.8°N, 69.7°E. West Pakistan. Felt at Barkhan. Depth 33 kms (CGS) H = 19h 09m 47.4s. Mag. 5.1 (USCGS).						
	BHK	iP	19	11	01	C	660
		eS		12	11		
	NDI	iPn	19	11	24	SEC	750
		P*		11	41		
		Sn		12	40		
		S*		13	05		
	DDI	iPn	19	11	31		790
		Pg		12	06		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
13	DDI	iSn	19	12	50		
		Sg		13	30		
	SEH	eP	19	12	05		1030
		eS		13	51		
	BOM	eP	19	12	30		1190
		PP		12	40		
		LQ		14	26		
		eS		14	33		
		SS		14	45		
	POO	eP	19	12	37		1310
		eS		14	49		
	BOK	eP	19	13	23		1710
		iS		16	13		
		SS		16	35		
	CHA	eP	19	13	24		1720
		PP		13	36		
		PPP		13	44		
		iSS		16	15		
		SS		16	37		
		SSS		16	51		
	VIS	eP	19	13	49	C	1890
		iS		16	57		
	CAL	eP	19	14	02		2140
		iS		17	34		
	MDR	eP	19	14	13		2240
		PP		14	33		
		PPP		14	41		
		eS		17	55		
		LQ		18	03		
		SS		18	28		
		SSS		18	39		
	SHL	iP	19	14	21	SEC	2260
		eS		18	05		
	KOD	iP	19	14	32	NEC	
		eS		18	25		
		PPP		15	11		
		LQ		18	54		
		SS		19	13		
		SSS		19	30		
		LR		20	02		
	TOC	eP	19	14	44		2490
		eS		18	42		
	PBA	eP	19	15	39	C	
		e		21	20		
13	SHL	iP	21	48	50	R	
14	NDI	i(Sg)	02	42	47		
	POO	eP	05	13	55		
14	29.3°N, 69.5°E, West Pakistan Depth 44 Kms (CGS). H= 05h 41m 06.5s. Mag. 4.8(USCGS).						
	DDI	iP	05	42	18		
	BHA	iPn	05	42	37.8		665
14	BHA	Pg	05	43	06.5		
Contd.		Sn		43	47.8		
		Sg		44	24.6		
	NDI	ePn	05	42	46	EC	750
		eSn		44	05		
	BOK	e	05	44	44		
2	SEH	e	05	44	59		
	SHL	iP	05	45	42	R	
	KOD	iP	05	45	52.5	SC	
	CHA	eP	05	44	45	C	1660
		iS		47	38		
	VIS	eP	05	45	06		1890
		PP		45	19		
		PPP		45	32		
		iS		48	14		
		SSS		48	48		
	MDR	eP	05	49	26		
14	SHL	iP	06	17	49	C	
14	POO	eP	06	19	46		
14	DDI	eP	06	43	38		
14	NDI	e	07	34	40		
		e		35	18		
14	BOK	e	08	01	33		
14	BOK	e	08	14	16		
14	POO	eP	17	25	58		
14	NDI	eP	18	05	46	C	
	POO	eP	18	06	02		
	SHL	iP	18	07	25	C	
14	SHL	eP	21	18	10	C	
15	NDI	e	00	05	10		
15	SHL	iP	01	34	51	R	
15	SHL	iP	01	42	45	C	
15	NDI	e	02	37	10		
15	NDI	e	04	47	02		
15	TOC	eP	06	41	21.4		
	SHL	ePn	06	41	53		400
		eSn		42	37		
15	SHL	iP	08	19	43	C	
	TOC	eP	08	19	52		
15	SHL	iP	08	54	53	C	
		i		55	13		
15	SHL	ePg	09	21	35		90
		eSg		21	45		
15	BOK	i	09	36	51		
15	SHL	ePn	10	17	40		
		Sg		18	00		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ Km
15	NDI	i	12	33	49		
15	SHL	iPn	14	25	57	C	290
		iPg		26	05		
		iSn		26	30		
15	TOC	eP	14	26	13		
		e		26	22.5		
15	SHL	eP	15	24	47		
15	SHL	iP	17	47	17	C	
15	SHL	i	22	46	40	R	
15	POO	eP	22	51	52		
15	SHL	iP	23	50	11	C	
16	SHL	eP	00	31	03		
16	POO	eP	00	33	15		
16	Epc: 28.3°N, 88.0°E. H= 03h 25m 57s.						
	CHA	iP	03	26	25	R	160
		iS		26	44		
	SHL	ePn	03	26	51		500
		iP*		27	00		
		iS_g		27	45		
	BOK	e	03	27	13		
		iS		28	15		
	DDI	iP	03	28	17		
	CAL	eS	03	28	33		
		iS		31	29		
	TOC	iS	03	28	36.7		
16	Epc: 17.7°S, 169.9°E, New Hebrich Islands, felt at Lugan Villa, Norsupand Port villa. Depth = 31 kms. H = 03h18m27.2s Mag. 6½ (pas), 6½(Brk), 6½-6¾ (Pal).						
	PBA	iP	03	30	36	C	8910
		PP		33	42		
		iS		40	35		
		PPS		42	09		
		SS		45	57		
	SHL	eP	03	31	05		9550
		iS		41	35		
	TOC	iP	03	31	09.8		
	VIS	iP	03	31	25	WC	9960
		PP		34	52		
		PPP		36	46		
		SKS		41	44		
		iS		42	02		
		SS		47	46		
		SSS		51	08		
	MDR	iP	03	31	35	E	10240
		PP		35	17		
		PPP		37	18		
16 Contd.	MDR	SKS	03	42	07		
		SKKKS		42	25		
		iS/ScS		42	36		
		SS		48	44		
		SSS		52	21		
	BOK	iP	03	31	36	NW	10260
		PP		35	14		
		PPP		37	04		
		SKS		41	56		
		eS		42	40		
		PS		43	30		
	CHA	iP	03	31	37	C	10270
		SKS		41	55		
		iS		42	35		
	KOD	iP	03	31	44		10470
		iS		42	50		
		PP		35	38		
		PPP		37	41		
		SKS		42	24		
		PS		44	18		
		PPS		44	57		
		SS		49	23		
	GOA	eP	03	32	06		
	POO	iP	03	32	07.8	C	11070
		PP		36	06		
		PPP		38	25		
		SKS		42	42		
		iS		43	35		
	BOM	eP	03	32	14		11220
		PP		36	31		
		PPP		38	41		
		SKS		42	59		
		iS		43	50		
		PS		45	31		
		PPS		46	19		
	NDI	eP	03	32	14		11220
		PP		36	31		
		PPP		38	41		
		SKS		42	59		
		iS		43	50		
		PPS		46	19		
	BHA	iP	03	32	20	R	11360
		PP		36	39		
		PPP		38	51		
		SKS		43	04		
		iS		43	57		
		PPS		46	33		
16	TOC	e	05	25	05.5		
	SHL	ePn	05	25	22		280
		eSn		25	54		
16	BHA	eP	09	45	51		
	i	i		46	56.4		
	i	i		47	36.2		
	NDI	eP	09	45	59		
		i		46	11		
		i		46	25		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
16	DDI	eP	09	46	06		
		i		46	42		
		i		47	43		
		i		48	26		
	POO	eP	09	47	12		
	BOK	e	09	48	09		
		i		52	39		
	SHL	iP	09	48	54	C	
	SEH	e	09	49	12		
	CHA	i	09	51	04		
	VIS	e	09	51	46		
16	MDR	e	09	53	17		
16	SHL	iP	12	09	53	R	
	NDI	iP	12	10	23	C	
	POO	eP	12	11	14		
16	BHA	e	13	55	01		
		i		55	05		
	NDI	eP	13	55	34		330
		eS		56	11		
16	SHL	iP	15	47	10	R	
16	KOD	iP	15	59	51		2590
		eS	16	04	00		
	NDI	e	16	02	25		
	CHA	iP	16	02	42	R	
	SHL	iP	16	02	51	R	
	MDR	e	16	05	27		
16	SHL	eP	17	16	36		
16	NDI	eP	17	18	25	R	
17	NDI	i	01	59	08		
17	NDI	e	02	07	22		
17	CHA	iPg	04	35	18	R	100
		Sg		35	31		
17	NDI	e	06	34	35		
17	BOK	i	08	23	55		
17	SHL	eP	08	40	48		
17	NDI	ePn	09	28	39		13
		iSg		28	40.6		
17	BOK	i	09	38	36		
17	POO	eP	10	35	32		
17	Epc: 32.2°S, 78.9°E, Mid Indian Rise. Depth 33 Kms (CGS). H = 11h 48m 00.8s. Mag. 6¼ (Pas), 6.2 - 6.6 (BRK.). 6½ (Pal) (USCGS).						
	KOD	iP	11	55	55	NWC	
		PP		57	34		
17	KOD	PcP	11	57	48		
		PPP		58	08		
		PcS	12	01	35		
		PS		02	17		
		eS	02	02	19		
		PPS		02	27		
	MDR	eP	11	56	16		5100
		PP		58	05		
		PPP		58	47		
		iS	12	03	01		
		PS		03	07		
		PPS		03	15		
		SS		06	21		
		LR		07	05		
		SSS		07	24		
	PBL	iP	11	56	20	R	5110
		eS	12	03	03		
	GOA	eP	11	56	38		
	HYD	iP	11	56	46	N	5550
		iS	12	03	54		
		SS		07	15		
	VIS	iP	11	56	54	CW	5590
		iPP		58	56		
		iS	12	04	07		
		iPS		04	12		
		iPPS		04	19		
	POO	iP	11	56	58	CS	5670
		iS	12	04	16		
		e		07	05		
	BOM	eP	11	57	03		5750
		iS	12	04	24		
		PS		04	32		
		PPS		04	40		
		SS		07	58		
		LR		12	18		
	BOK	iP	11	57	39	RS	6280
		iS	12	05	30		
		PS		05	42		
		ScS		07	19		
	CAL	iP	11	57	42		
	SHL	iP	11	57	57	CNE	6550
		iS	12	06	03		
	CHA	iP	11	58	01	R	6630
		S		06	11		
		PS		06	16		
	NDI	iP	11	58	09	RSW	6730
		PP	12	00	20		
		PPP		01	57		
		iS		06	25		
		PPS		06	44		
		ScS		08	00		
		SS		10	24		
		SSS		13	15		
	TOC	eP	11	58	13.3		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	△ km
17	TOC	e	11	06	28.3	
	DDI	iP	11	58	22	6890
		iS	12	06	46	
	BHA	iP	11	58	29 R	7040
		PP	12	00	54	
		PPP		02	26	
		iS		06	57	
		PS		07	23	
17	Epc: 32.2S, 79.0 E. Amsterdam - Naturalist Ridge, Depth 33Kms (CGS). H= 12h 43m 01.1S. Mag. 5.7 (USCGS).					
	KOD	iP	12	50	53.5 NEC	
	PBA	eP	12	51	21	
	POO	eP	12	51	59	
	SHL	iP	12	52	57 R	
	CHA	iP	12	53	01 C	
	TOC	e	12	53	01.4	
	NDI	iP	12	53	09 NEC	
	POO	eP	13	34	29	
	DDI	eP	13	35	02	
	SHL	eP	13	35	29	
17	DDI	eP	16	02	24	
17	Epc: 29.9°N, 69.8°E West Pakistan. Depth 22 Kms (CGS). H = 18h 26m 17.7s. Mag. 4.4 (USCGS).					
	BHA	iPn	18	27	46 R	620
		P*		27	56.6	
		Pg		28	09	
		Sn		28	52	
		SS		29	04	
		S*		29	10	
		Sg		29	26	
	NDI	iPn	18	27	55 R	690
		Sn		29	06	
		S*		29	26	
		Sg		29	42	
	DDI	iP	18	28	04	780
		iS		29	32	
	POO	eP	18	29	14	
	BOK	eP	18	29	58	1680
		iS		32	47	
		SS		33	02	
		SSS		33	15	
	CHA	eP	18	30	02	
	VIS	eP	18	30	34	2020
		eS		33	54	
	SHL	eP	18	30	52	
17	KOD	iP	18	31	05.5 NR	
	CAL	e	18	33	58	
		i		35	54	
	MDR	eP	18	31	39	2150
		eS		35	11	
		SS		35	42	
		SSS		35	54	
		LR		36	23	
17	Epc: 6.1S, 104.3. E, Sunda Strait. Depth 33 Kms (CGS). H= 20h 45m 45s. Mag. 5.6(USCGS).					
	SHL	iP	20	52	24 R	
	CHA	iP	20	52	51 C	
	POO	eP	20	53	10	
	NDI	iP	20	53	45 NWC	
18	Epc: 36.7°N, 140.4°E near East Coast of Honshu, Japan felt at TOKYO. Depth 65 kms (CGS). H = 00h 27m 53.6s. Mag. 51 (USCGS).					
	SHL	iP	00	35	44 C	
	CHA	iP	00	36	12 C	
	NDI	eP	00	37	04	
	POO	iP	00	37	58.5 C	
18	SHL	iP	00	52	25	
	CHA	iP	00	52	36 C	
18	Epc: 26.3N, 103.0°E. Yunnan Province, China. Depth 35Kms (CGS). H=03h 45m 15.4s. Mag. 5.0 (USCGS).					
	SHL	eP	03	47	40	
	BOK	eP	03	48	57	
	VIS	iP	03	49	51 WR	
	TOC	eP	03	50	02.7	
	NDI	eP	03	50	18 SC	
		i		50	21	
	MDR	eP	03	50	40	2810
		PP		51	20	
		PPP		51	30	
		eS		55	02	
	POO	eP	03	51	07	
18	NDI	iP	06	44	24 SEC	940
		iS		46	01	
	SHL	eP	06	46	38	
18	Epc: 6.9°N, 124.0°E. Mindanao, Philppine Islands. Depth 57 Kms (CGS). H= 06h 59m 05.0s. Mag. 5.5 (CGS).					

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
Contd.							
18	PBA	eP	07	05	19	R	3450
		PPP		06	33		
		eS		10	24		
		SS		12	49		
	TOC	eP	07	05	51.6		
	SHL	eP	07	06	01		3940
		iS		11	36		
	BOK	eP	07	06	38		4480
		iS		12	46		
		PPS		13	05		
		SS		15	21		
	CHA	eP	07	06	40		
	VIS	iP	07	06	48	WR	4560
		iPP		08	22		
		iS		13	01		
	MDR	iP	07	07	08		4780
		PP		08	50		
		PPP		09	24		
		iS		13	34		
	KOD	iP	07	07	27.2	EC	5060
		PP		09	15		
		PPP		09	59		
		eS		14	09		
		PS		14	21		
		PPS		14	29		
		SS		17	26		
	NDI	eP	07	07	48		5450
		eS		14	51		
	POO	eP	07	07	55		
		e		15	10		
		e		19	12		
	BHA	iP	07	08	08		
		i		15	06		
	BOM	eP	07	08	09		5780
		PP		10	05		
		eS		15	23		
		PS		15	28		
18	BOK	e	07	51	30		
18	BOK	i	08	31	34		
18	SHL	iPn	08	44	21	R	160
		iSg		44	41		
18	SHL	eP	09	43	09		
	BHK	e	09	46	26		
18	POO	eP	12	46	49		

DATE	STN	PHASE	H.	M.	S.		△ km
18	NDI	e	13	03	26		
18	SHL	eP	13	14	39		
	BOK	eP	13	14	41		
	CHA	eP	13	14	41		690
		PPP/P*		14	55		
		iS		15	53		
18	POO	eP	13	20	15		
	NDI	eP	13	23	13	W	
		i		24	08		
	DDI	e	13	24	30		
	POO	eP	13	27	13		
18	NDI	ePg	15	55	11	SER	161
		iSg		55	30		
18	NDI	eP	17	31	12		
	DDI	e	17	31	44		
18	Epc: 44.3°N, 143.1°E, Hokkaido, Japan. Depth 225 Kms (CGS). H = 19h 02m 51.5s. Mag. 5.2.						
	TOC	e	19	10	32		
	SHL	iP	19	10	48	NER	
	CHA	iP	19	11	10	R	
	DDI	iP	19	11	42		
	PBA	eP	19	11	52		
	NDI	iP	19	11	53	NER	6000
		iS		19	10		
	POO	iP	19	12	52.2		
	KOD	iP	19	13	13.5	SWR	
18	NDI	eP	19	20	25	SC	920
		iS		22	00		
	SHL	iP	19	22	54	R	
18	NDI	iPg	20	46	50.8	SEC	40
		iSg		46	55.5		
18	CHA	iP	21	00	12	C	
	NDI	iP	21	01	15	SWC	
	DDI	eP	21	01	16		
18	SHL	iP	20	06	36	C	
18	SHL	iP	20	59	36	C	
18	POO	eP	22	51	28		
18	NDI	e	23	01	25		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
19	NDI	eP	01	25	27	R	
19	PBA	iPg	01	39	19		56
		iSg		39	26		
19	DDI	iP	09	45	19		
	NDI	e	09	45	27		
19	SHL	eP	09	47	51		
19	EPC: 35.3°N, 70.9°E. Hindukush Region. Felt at Peshawar. Depth 59 kms (CGS). H= 12h 50m 42.1s. Mag. 5.1 (USCGS).						
	BHK	iPn	12	52	17.8	C	720
		iSn		53	32		
		P*		52	34		
		Pg		52	50		
		Sg		54	14		
	DDI	iPn	12	52	36		870
		P*		52	51		
		Pg		53	12		
		Sn		54	03		
		Sg		54	51		
	NDI	ePn	12	52	45	NWR	890
		P*		53	03		
		iSn		54	15		
	SEH	eP	12	53	55		1510
		eS		56	25		
	BOM	eP	12	54	26		1700
		PP		54	38		
		PPP		54	45		
		eS		57	17		
		SS		57	33		
		LR		58	11		
		PcP		59	32		
	CHA	iP	12	54	29	R	1830
		iS		57	31		
	POO	eP	12	54	33		
	BOK	eP	12	54	40		1900
		iS		57	47		
		SS		58	08		
	CAL	eP	12	54	58		
		i		58	52		
	SHL	iP	12	55	18	NWR	2160
		PP		55	38		
		eS		58	52		
	VIS	eP	12	55	20		2170
		eS		58	55		
	TOC	eP	12	55	32.6		
	MDR	eP	12	55	54		2670
		PP		56	14		
		eS	13	00	10		
		e		01	42		

DATE	STN	PHASE	H.	M.	S.		△ km
19	KOD	iP	12	56	10	SC	2850
Contd.		eS	13	00	36		
19	NDI	eP	15	08	05	WC	
	DDI	eP	15	08	25		
	CHA	e	15	12	35		
19	NDI	ePn	19	17	50		710
		eSn		19	05		
		Sg		19	46		
	DDI	eP	19	17	58		
	BHK	eP	19	18	03		
		e		18	47		
		e		19	26		
		e		19	28		
19	CHA	e	19	19	53		
19	POO	eP	19	22	14		
19	NDI	e	21	04	44		
	DDI	eP	21	04	53		
19	SHL	iP	22	28	44		
19	SHL	iP	22	57	27	R	
	CHA	iP	22	57	49	R	
	NDI	iP	22	58	31	SWC	
	POO	eP	22	59	29		
19	SHL	iP	23	03	49	R	
		i		04	23		
19	CHA	iP	23	11	09	C	
19	KOD	eP	23	47	21	SW	1890
		eS		50	30		
20	NDI	e	02	41	12		
20	SHL	iP	04	29	46	C	
20	SHL	iP	06	07	51	C	
20	NDI	ePg	08	44	33		64
		iSg		44	40.5		
20	SHL	eP	10	46	40		
20	NDI	e	15	14	20		
20	NDI	e	15	45	26		
20	SHL	iP	18	25	11	C	
		i		26	17		
	CHA	iP	18	25	29	C	
	NDI	iP	18	26	05	NER	
		i		26	09		
	POO	eP	18	27	05		
20	SHL	iP	20	02	53	C	
	CHA	iP	20	03	25		
20	SHL	iP	21	45	45	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	△ km	
20	CHA	i	21	46	18		
21	MDR	e	00	40	47		
		e		51	02		
		e	01	16	52		
	NDI	eP	00	41	18		
	DDI	eP	00	41	24		
	CHA	iP	00	41	30		
	SHL	eP	00	41	31		
21	CHA	iPg	00	47	30	C	100
		Sg		47	44		
21	KOD	iP	05	27	36	NER	
21	BOK	i	07	56	26		
21	NDI	e	09	03	51		
21	SHL	iP	09	37	21	R	
21	POO	eP	09	39	17		
21	Epc: 26.3°N, 125.7°E. North East of Taiwan. Depth 103 kms (CGS). H=13h 18m 47s. Mag. 5.6 (USCGS).						
	SHL	iP	13	24	52	R	
		i		27	49		
		i		31	21		
	CHA	iP	13	25	28		
	BOK	i	13	25	42		
	VIS	iP	13	26	16	ER	
	DDI	iP	13	26	30		
	NDI	iP	13	26	36	SER	4740
		PcP		28	26		
		eS		32	50		
		SS		36	26		
	POO	iP	13	27	20		
	KOD	iP	13	27	21	NER	
21	CHA	i	14	24	38		
21	SHL	eP	16	52	32		
21	POO	eP	16	54	10		
	NDI	eP	16	54	11	C	
21	SHL	ePg	17	38	10		130
		eSg		38	25		
21	SHL	iPn	18	43	03		270
		iPg		43	11		
		iSn		43	34		
	TOC	eP	18	43	17.6		
		i		43	19.6		
		i		43	28		
21	SHL	iPn	19	15	54	SER	520
		iSn		16	50		
21	NDI	e	19	21	40		

DATE	STN	PHASE	H.	M.	S.	△ km	
22	SHL	eP	00	55	59		
22	NDI	eP	01	46	10	R	
22	POO	eP	01	47	08		
22	NDI	eP	02	02	04	C	
22	SHL	eP	02	45	29		
22	Epc: 5.45°N, 151.5°E. New Britain Region, Felt widely. Depth 28 kms (CGS). H = 05h 02m 37.2s. Mag. 6¾(Pas), 6¾-7(Brk), 6¾-7 (Pal).						
	PBA	eP	05	12	53		6830
		PcP		13	33		
		PP		15	05		
		PPP		16	31		
		PcS		17	27		
		eS		21	08		
	SHL	iP	05	13	20	NWC	7190
		eS		22	00		
	TOC	eP	05	13	20		
	CAL	eP	05	13	35		7470
		iS		22	29		
	CHA	iP	05	13	49	C	
	BOK	iP	05	13	50	R	7730
		iS		22	58		
		PS		23	26		
		SKS		23	36		
	VIS	iP	05	13	54	C	7890
		iPcP		14	03		
		iPP		16	44		
		iPPP		18	23		
		iS		23	10		
		ePS		23	49		
		ePPS		24	04		
	MDR	iP	05	14	05	E	8330
		PcP		14	23		
		PP		16	54		
		PPP		18	44		
		iS		23	43		
		SKS		24	05		
		PS		24	20		
		PPS		24	38		
		SS		28	32		
		SSS		31	57		
	KOD	iP	05	14	21	SEC	8400
		iS		23	58		
		PcP		14	34		
		PP		17	12		
		PPP		18	57		
		SKS		24	17		
		ScS		24	25		
		PS		24	36		
		PPS		24	50		
		SS		28	48		
		SSS		32	00		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
22	HYD	eP	05	14	34		8660
		eS		24	24		
	SEH	eP	05	14	36		
	DDI	iP	05	14	38		8640
		eS		24	31		
	NDI	iP	05	14	38	WC	8640
		PcP		14	50		
		PP		17	40		
		PPP		19	28		
		iS		24	31		
		SKS		24	40		
		PS		25	14		
		PPS		25	35		
		SS		29	29		
	GOA	iP	05	14	44	R	
	POO	iP	05	14	45.5	C	8700
		PP		17	45		
		eS		24	41		
		PS		25	22		
		SS		29	45		
	BHA	iP	05	14	46	C	8760
		PP		17	53		
		PPP		19	44		
		iS		24	44		
		PS		25	38		
	BOM	iP	05	14	52	WC	8890
		PcP		15	01		
		iS		24	56		
		SKS		25	05		
		PS		25	38		
		PPS		26	00		
		LQ		36	26		
		LR		40	29		
	SHL	eP	05	41	41		
22	SHL	iP	06	07	50	C	
22	POO	eP	06	09	15		
22	KOD	iPg	07	05	25.8	EC	211
		eSg		05	50		
22	KOD	iPg	07	14	16.5		211
		iSg		14	40.8		
22	NDI	eP	07	39	04	NR	
		eS		40	46		
22	PBA	ePg	08	00	47		22
		eSg		00	50		
22	NDI	eP	08	45	36		
		i		46	57		
	DDI	e	08	46	03		
22	SHL	iP	13	47	25	C	
22	Epc: 5.6°S, 151.5°E New Britain Region. Depth 58 kms (CGS). H = 18h 18m 36.4s. Mag.5.5						

DATE	STN	PHASE	H.	M.	S.		△ km
22	SHL	iP	18	29	16	C	
	NDI	eP	18	29	39		
		e		30	35		
		e		31	30		
	DDI	eP	18	30	17		
	POO	eP	18	30	41		
22	NDI	eP	18	38	35	SWC	
22	SHL	iP	18	53	51	R	
22	CHA	iP	18	54	20	R	
22	NDI	eP	18	55	10		
22	SHL	iP	19	37	31	C	
22	BHA	e	20	43	57.5		
		e		44	19.5		
		i		45	49		
22	DDI	eP	20	44	08		
22	SHL	ePg	20	46	17		120
		iSg		46	31		
22	POO	eP	20	48	41		
22	BOK	e	20	49	10		
22	CHA	iPg	20	54	34		60
		Sg		54	41		
22	NDI	e	21	42	52		
22	SHL	eP	22	34	19		
23	CHA	iP	00	06	49	R	
	DDI	eP	00	07	31		
	NDI	e	00	07	34		
23	DDI	eP	00	51	59		
23	SHL	iP	01	21	35	R	
23	NDI	e	01	52	39		
23	NDI	e	04	48	38		
		e		49	51		
		e		50	35		
	BHA	e	04	48	46		
		i		50	07		
	DDI	eP	04	49	18		
23	POO	eP	04	53	30		
23	SHL	ePg	06	23	36		30
		Sg		23	40		
23	BOK	e	08	05	27		
23	BOK	e	09	25	06		
23	POO	eP	09	54	41		
23	SHL	eP	10	02	28		
23	PBA	iPg	12	09	29		56
		PP		09	31		
		iSg		09	36		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
23	PBA	SS	12	09	53		
Contd.		SSS		10	04		
24	Epc: 26.4°N, 91.3°E. Depth 47 km(CGS). H = 00h 16m 40.5s Mag. 5.1 (USCGS).						
	SHL	iPg	00	16	57	NWR	130
		iSg		17	20		
	TOC	e	00	17	20		
		i		17	24.5		
		i		17	27.5		
		i		17	54.3		
24	CHA	iPn	00	17	42	C	420
		Pg		17	56		
		Sg		18	46		
	BOK	eP	00	18	05		630
		iS		19	06		
		SS		19	17		
	CAL	eP	00	18	18		730
		iS		19	34		
	DDI	iP	00	19	03		
	VIS	eP	00	19	22		1250
		iPP		19	30		
		iPPP		19	34		
		iS		21	28		
		SS		21	44		
		SSS		21	55		
24	NDI	iP	00	19	38	NER	1350
		eS		21	55		
	MDR	eP	00	20	36		1800
		LQ		23	33		
		eS		23	36		
		SS		23	58		
	POO	eP	00	20	48		
	BOM	eP	00	21	09		2170
		eS		24	43		
		SS		25	10		
		PcP		25	29		
	KOD	iP	00	21	27.5R		
	SEH	eP	00	22	08		
24	POO	eP	00	55	20		
24	SHL	iPg	02	57	09	R	90
		eSg		57	20		
	CHA	iP	02	58	05		
		i		58	14		
		i		58	59		
24	NDI	e	03	59	17		
	DDI	eP	03	59	31		
24	NDI	e	04	00	47		
24	SHL	iP	04	45	28	C	
24	POO	eP	05	18	45		
24	SHL	iP	05	50	39	C	
	NDI	eP	05	51	17		
	POO	eP	05	52	14		
24	NDI	e	06	09	55		
24	NDI	iPg	07	55	11.8		138
		eSg		55	28		
	DDI	iP	07	55	15		
24	BOK	e	08	20	22		
24	BHA	iPn	09	27	00	C	136
		iPg		27	00.6		
		iSg		27	16.6		
		iSn		27	18.4		
24	SHL	ePg	09	38	07		
	CHA	iPg	09	39	53		60
		iSg		40	00		
24	SHL	eP	10	12	57		120
		eSg		13	11		
24	NDI	eP	10	28	42		
		e		29	28		
	DDI	eP	10	29	23		
24	POO	eP	10	34	50		
24	BOK	e	10	46	17		
24	SHL	iP	12	06	18	C	
24	CHA	iPg	13	27	51		
24	SHL	iPn	13	49	55	R	510
		iSn		50	50		
24	DDI	iP	16	56	14		
	NDI	eP	16	56	32		
		e		56	42		
	CHA	iP	16	57	05	C	
	SHL	eP	16	57	58		
24	POO	eP	17	01	32		
24	BHA	e	17	56	38		
24	CHA	iP	20	05	38	C	
24	NDI	eP	20	05	44	SEC	
		i		05	49		
	POO	eP	20	06	34		
24	SHL	iP	20	19	16	C	
	CHA	eP	20	19	46		
	NDI	e	20	20	35		
	POO	eP	20	20	42		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
24	SHL	iP	21	54	28	R	
24	NDI	eP	23	11	44		
		e		12	11		
		e		13	36		
	CHA	e	23	13	47		
24	POO	eP	23	16	27		
25	POO	eP	03	05	05		
25	NDI	iPg	07	25	23	EC	
		iSg		25	25.8		
25	SHL	iP	07	44	03	C	
25	SHL	iP	08	21	30	C	
25	TOC	e	08	21	34.3		
		e		21	45		
25	CHA	iP	08	22	31	C	730
		S		23	48		
25	POO	eP	08	29	02		
25	BOK	i	09	10	46		
25	POO	eP	09	35	12		
25	DDI	e	11	02	30		
	NDI	iPn	11	02	36.4	NER	161
		i		02	44		
		iSn		02	56.6		
25	POO	eP	11	34	25		
25	SHL	eP	14	19	32		
	MDR	e	14	20	14		
		e		27	42		
	POO	eP	14	21	00		
	DDI	eP	14	21	11		
25	NDI	e	15	39	32		
25	BHK	iP	23	10	26	C	
		e		20	12		
25	MDR	e	23	16	00		
26	SHL	iP	00	44	27	C	
	CHA	iP	00	44	41	C	
	DDI	iP	00	44	54		
	POO	eP	00	46	02		
	KOD	iP	00	46	26	NEC	
26	NDI	eP	01	45	05	SC	
26	SHL	iP	04	21	02	R	
	CHA	iP	04	21	59	R	800
		eS		23	22		
	BOK	e	04	23	10		
	NDI	e	04	26	46		
26	CHA	iP	04	39	34	R	160
		eS		39	53		

DATE	STN	PHASE	H.	M.	S.		△ km
26	SHL	iP	05	14	56	C	
26	SHL	ePn	06	51	03		410
		eSn		51	48		
26	BOK	i	08	17	50		
26	BOK	e	08	47	13		
26	NDI	e	09	46	11		
26	POO	eP	11	17	27		
26	SHL	iP	11	59	02	R	
26	SHL	ePg	15	55	38		120
		eSg		55	52		
	TOC	e	15	55	44.7		
		e		56	00.2		
26	SHL	iP	16	22	08	C	
	CHA	iP	16	22	47	C	
	DDI	iP	16	23	56		
	POO	iP	16	24	16.5	C	
26	SHL	ePn	19	59	41		320
		iSn	20	00	17		
26	NDI	eP	20	55	38		
26	SHL	iP	20	57	38	C	
26	SHL	eP	21	01	56		
27	SHL	iP	00	34	07	C	
27	PBA	e	00	45	30	C	
27	NDI	iPg	01	23	37.4	SEC	40
		iSg		23	42.1		
27	NDI	e	06	12	27		
27	SHL	eP	08	21	51		240
		eSg		22	19		
27	NDI	eP	13	06	21		
		e		06	26		
27	POO	eP	13	10	24		
27	SHL	iP	16	41	02	C	
	CHA	iP	16	41	15	C	
	NDI	eP	16	41	39	C	
	POO	eP	16	42	35		
27	POO	eP	19	14	50		
27	SHL	iP	20	35	52	C	
27	SHL	iP	20	54	52	C	
27	NDI	eP	21	04	05	C	
	SHL	eP	21	04	06	R	
	POO	eP	21	04	19		
27	CHA	iP	21	20	19	R	
27	BOK	e	21	21	08		
27	SHL	eP	21	21	35		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
27	NDI	e	23	46	41		
28	SHL	iPn	00	11	54	C	460
		Sn		12	43		
		Sg		13	05		
28	CHA	iP	00	12	11	C	
28	PBA	ePg	00	25	52		56
		eSg		25	59		
28	NDI	iPg	01	50	11.6	NEC	23
		iSg		50	14.3		
28	NDI	iPg	01	52	48.5	EC	24
		iSg		52	51.3		
28	DDI	iP	02	10	46		
28	NDI	iP	02	10	57	NER	5370
		iS		17	57		
	POO	iP	02	11	57.7		
	KOD	iP	02	12	18.5	NEC	
28	BHA	e	02	17	43		
28	NDI	iPg	05	01	41.3	NWR	120
		iSg		01	55.3		
28	BOK	e	08	11	39		
28	BOK	i	08	15	28		
28	BOK	e	09	47	41		
28	SHL	iPg	10	28	30		70
		iSg		28	38		
28	BOK	e	11	45	54		
28	CHA	iP	12	42	59	R	
	SHL	eP	13	42	22		
	BOK	e	13	43	11		
	VIS	eP	13	43	48	R	
	DDI	iP	13	43	52		
	NDI	iP	13	44	01	NER	

DATE	STN	PHASE	H.	M.	S.		Δ km
28	POO	eP	13	44	48.5		
	KOD	iP	13	44	53.5	NER	
28	SHL	ePg	15	22	43		75
		eSg		22	52		
28	NDI	i(Sg)	17	30	40		
28	SHL	ePn	18	20	41		200
		eSn		21	05		
28	SHL	iP	19	09	29	R	
28	DDI	eP	20	04	59		
	NDI	eP	20	05	08		920
		eS		06	43		
	SHL	eP	20	07	34	C	
	POO	eP	20	10	26		
	SHL	iP	20	12	56	C	
28	POO	eP	20	58	57		
28	KOD	iPg	21	58	28		144
		iSg		58	45		
	NDI	iP	21	58	35	R	
		i		58	40		
	DDI	iP	21	58	36		
	MDR	e	21	58	38		
	VIS	eP	21	58	41	C	
	BOK	e	21	58	46		
	CHA	iP	21	58	49	C	
	SHL	iP	21	58	51	C	
28	BHK	eP	22	04	36.9		560
		eS		05	45		
28	SHL	iPg	22	06	54		20
		ePg		06	57		
28	CHA	iP	22	08	09	C	520
		S		09	05		
28	SHL	iPg	23	30	47		20
		eSg		30	49		

Earthquake Report
(Non Instrumental Report)

Report of the felt earthquake report from voluntary Observers for the month of February, 1966.

Station	Date in G.M.T.	Time in G.M.T.	No. of shocks	Duration (secs.)	Intensity (RF Scale)	Remarks
Shillong	24	00 20	I	30	V	
Shillong	28	22 05	I	5	V	

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Bombay, Colaba.				
01	00	3	0.3	4.1
			0.3	2.9
	06	3	0.3	4.0
			0.2	2.0
	12	3	0.3	4.0
			0.3	3.0
	18	3	0.3	4.1
			0.3	2.9
02	00	3	0.3	4.4
			0.3	3.0
	06	3	0.3	4.8
			0.3	2.8
	12	3	0.3	4.7
			0.3	3.0
	18	3	0.3	4.6
			0.3	3.1
03	00	3	0.3	4.4
			0.3	3.0
	06	Shock in progress		
	12	3	0.3	6.4
			0.3	3.6
	12	Seismic activities		
04	00	3	0.4	5.6
			0.3	3.2
	06	3	0.3	5.6
			0.3	3.9
	12	Surface waves		
	18	3	0.4	6.0
			0.3	4.0
			0.3	1.7
05	00	3	0.3	5.7
			0.3	3.0
	06	3	0.3	6.2
			0.3	4.2
	12	3	0.3	5.5
			0.3	3.6
	18	3	0.3	5.9
			0.3	4.0
06	00	3	0.3	6.0
			0.3	4.0
	06	2	0.3	5.2
	12	3	0.3	5.6
			0.3	3.7
	18	3	0.3	5.6
			0.3	4.0
07	00	3	0.3	5.8
			0.3	4.0
	06	Shock in progress		
	12	2	0.3	5.9
	18	3	0.3	6.0
			0.3	4.0
08	00	Shock in progress		
	06	Seismic activities		
08	12	-	-	-
	18	2	0.3	3.6
09	00	Surface waves		
	06	Surface waves		
	12	3	0.3	4.0
			0.3	3.2
	18	3	0.3	4.0
			0.3	3.0
10	00	3	0.3	4.2
			0.3	3.1
	06	Seismic activities		
	12	3	0.3	5.0
			0.3	3.2
	18	3	0.3	4.1
			0.2	1.8
11	00	3	0.3	4.1
			0.2	2.0
	06	2	0.3	2.2
	12	3	0.3	5.0
			0.3	2.0
	18	3	0.3	5.0
			0.3	1.9
12	00	2	0.3	2.2
	06	2	0.3	2.4
	12	2	0.3	2.4
	18	3	0.3	5.1
			0.3	2.5
13	00	3	0.3	6.0
			0.3	2.5
	06	3	0.4	2.7
			0.3	1.8
	12	Surface waves		
	18	3	0.3	2.6
			0.2	1.8
14	00	3	0.3	3.3
			0.3	2.0
	06	Shock in progress		
	12	3	0.3	3.9
			0.3	2.6
	18	3	0.3	3.8
			0.3	2.8
15	00	3	0.3	3.7
			0.3	2.6
	06	3	0.3	3.8
			0.3	2.7
	12	3	0.3	4.1
			0.3	2.6
	18	3	0.3	4.3
			0.2	1.7
16	00	3	0.3	3.7
			0.2	1.7
	06	Surface waves		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station. Bombay, Colaba.				
16	12	3	0.3	4.2
			0.2	1.6
	18	3	0.3	4.9
			0.3	1.9
17	00	3	0.3	6.4
			0.2	1.6
	06	-	-	-
	12	-	-	-
	18	-	-	-
18	00	-	-	-
	06	3	0.3	6.0
			0.3	2.3
	12	3	0.3	5.9
			0.2	2.3
	18	3	0.3	6.0
			0.3	2.2
19	00	3	0.3	5.9
			0.3	2.0
	06	2	0.2	2.1
	12	2	0.3	2.1
	18	3	0.3	5.8
			0.2	1.9
20	00	3	0.3	5.9
			0.2	1.8
	06	3	0.3	5.8
			0.3	2.0
	12	3	0.3	6.4
			0.3	2.0
	18	3	0.3	6.0
			0.3	2.0
21	00	3	0.4	6.0
			0.3	2.3
	06	3	0.3	5.7
			0.3	2.5
	12	3	0.3	5.8
			0.2	2.0
	18	3	0.3	5.4
			0.2	2.0
22	00	3	0.3	5.8
			0.3	2.0
	06	Shock in progress		
	12	3	0.3	5.8
			0.2	2.1
	18	3	0.3	5.5
			0.2	2.0
23	00	3	0.3	5.7
			0.2	2.0
	06	-	-	-
	12	-	-	-
	12	3	0.4	6.2
			0.3	1.8
24	00	3	0.5	6.0
			0.3	2.0
	06	3	0.4	5.9
			0.2	1.8
24	12	3	0.3	6.1
			0.2	2.0
	18	3	0.3	5.6
			0.2	2.0
25	00	3	0.3	5.8
			0.2	1.8
	06	2	0.3	5.1
	12	3	0.3	5.1
			0.3	3.8
	18	2	0.3	5.3
26	00	Surface waves		
	06	3	0.3	5.3
			0.3	2.2
	12	3	0.3	5.8
			0.3	2.3
	18	3	0.3	5.9
			0.3	2.4
27	00	3	0.3	5.8
			0.3	2.5
	06	2	0.3	2.7
	12	3	0.3	3.3
			0.2	2.0
	18	3	0.3	2.9
			0.2	2.0
28	00	3	0.4	3.2
			0.3	2.1
	06	3	0.3	3.0
			0.3	2.1
	12	3	0.3	3.0
			0.3	1.9
	18	3	0.3	4.2
			0.3	2.7
			0.2	1.9
Station: Bokaro				
01	00	3	0.4	6.8
	06	3	0.5	6.0
	12	3	0.4	6.2
	18	3	0.4	7.0
02	00	3	0.4	5.0
	06	3	0.4	5.2
	12	3	0.4	6.0
	18	3	0.4	6.2
03	00	3	0.4	5.8
	06	...	-	-
	12	3	0.4	5.8
	18	3	0.5	6.6
04	00	3	0.4	7.5
	06	...	-	-
	12	3	0.3	5.8
	18	3	0.4	6.2
05	00	3	0.4	6.2
	06	3	0.3	4.8

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
05	12	3	0.4	6.2
	18	3	0.4	6.4
06	00	3	0.4	6.4
	06	3	0.4	5.8
	12	3	0.3	5.2
	18	3	0.4	5.8
07	00	3	0.4	5.6
	06	...	-	-
	12	3	0.5	7.6
	18	3	0.4	6.8
08	00	...	-	-
	06	...	-	-
	12	3	0.4	6.6
	18	3	0.3	6.0
09	00	3	0.4	5.8
	06	...	-	-
	12	3	0.4	5.8
	18	3	0.3	5.2
10	00	3	0.3	5.4
	06	...	-	-
	12	3	0.3	5.0
	18	3	0.3	5.2
11	00	3	0.3	5.0
	06	3	0.3	5.0
	12	3	0.4	5.0
	18	3	0.4	5.2
12	00	3	0.3	5.8
	06	3	0.3	5.6
	12	3	0.5	6.8
	18	3	0.3	5.6
13	00	3	0.4	6.2
	06	3	0.4	5.6
	12	3	0.4	5.4
	18	3	0.4	5.4
14	00	3	0.4	6.0
	06	...	-	-
	12	3	0.3	5.2
	18	3	0.3	5.8
15	00	3	0.3	5.6
	06	3	0.3	5.2
	12	3	0.3	5.2
	18	3	0.3	5.4
16	00	3	0.4	5.2
	06	3	0.3	5.6
	12	3	0.3	5.6
	18	3	0.4	6.2
17	00	3	0.5	6.4
	06	3	0.6	7.2
	12	...	-	-
	18	3	0.5	6.6
18	00	3	0.5	6.6
	06	3	0.4	6.8
	12	3	0.4	6.4
	18	3	0.3	5.8
19	00	3	0.3	5.6
	06	3	0.3	5.2
	12	3	0.3	5.4
	18	3	0.3	5.6
20	00	3	0.4	5.8
	06	3	0.5	6.6
	12	3	0.6	7.2
	18	3	0.6	6.6
21	00	3	0.5	6.8
	06	3	0.4	6.0
	12	3	0.5	6.0
	18	3	0.5	6.2
22	00	3	0.4	6.0
	06	...	-	-
	12	3	0.3	5.0
	18	3	0.3	5.2
23	00	3	0.4	6.0
	06	3	0.5	6.6
	12	3	0.5	6.4
	18	3	0.7	6.4
24	00	3	0.7	6.6
	06	3	0.7	7.0
	12	3	0.6	6.2
	18	3	0.5	6.6
25	00	3	0.5	6.6
	06	3	0.4	6.2
	12	3	0.4	6.0
	18	3	0.3	5.6
26	00	3	0.3	5.4
	06	3	0.3	5.4
	12	3	0.4	6.6
	18	3	0.3	6.0
27	00	3	0.3	6.6
	06	3	0.3	5.6
	12	3	0.3	5.8
	18	3	0.3	5.8
28	00	3	0.3	6.0
	06	3	0.3	5.6
	12	3	0.3	5.4
	18	3	0.3	5.4

. . . . . .

STATION: CALCUTTA

01	00	....		
	06	2	0.2	3.8
	12	2	0.1	3.6
	18	2	0.1	4.6
02	00	2	0.1	3.1
	06	3	0.1	3.8
	12	3	0.1	4.8
	18	3	0.1	4.0
03	00	2	0.1	3.9
	06	....		
	12	3	0.1	3.5
	18	3	0.1	3.5

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR	K	MEAN in mm	MEAN in sec
04	00	3	0.1	3.9
	06	3	0.1	4.3
	12	3	0.1	4.2
	18	3	0.1	4.3
05	00	3	0.1	4.4
	06	3	0.2	4.8
	12	....		
	18	3	0.2	4.4
06	00	....		
12	06	3	0.2	4.3
	12	3	0.2	4.4
	18	3	0.2	4.5
07	00	3	0.2	4.0
	06	....		
	12	3	0.2	3.6
	18	3	0.2	4.8
08	00	....		
	06	3	0.2	4.3
	12	3	0.2	4.5
	18	3	0.2	3.4
09	00	3	0.3	4.0
	06	....		
	12	3	0.3	4.0
	18	3	0.3	4.0
10	00	3	0.3	4.0
	06	....		
	12	3	0.2	4.0
	18	3	0.3	4.0
11	00	3	0.3	3.6
	06	3	0.3	4.2
	12	3	0.5	0.8
	18	3	0.5	4.2
12	00	....		
	06	3	0.1	4.3
	12	3	0.5	5.0
	18	....		
13	00	....		
	06	3	0.5	0.7
	12	3	0.3	0.5
	18	3	0.4	3.3
14	00	3	0.3	4.0
	06	....		
	12	3	0.2	3.5
	18	3	0.2	4.3
15	00	....		
	06	3	0.1	4.0
	12	3	0.1	3.6
	18	3	0.1	4.3
16	00	....		
	06	3	0.2	4.0
	12	3	0.2	4.4
	18	3	0.2	4.4
17	00	3	0.2	4.4
	06	3	0.1	4.5

Station. Calcutta.

DATE	HOUR	K	MEAN in mm	MEAN in sec
17	12	....		
	18	3	0.1	5.6
18	00	....		
	06	3	0.1	3.0
	12	3	0.1	4.0
	18	3	0.1	4.4
19	00	3	0.1	5.0
	06	3	0.1	4.0
	12	3	0.1	4.0
	18	3	0.1	4.0
20	00	....		
	06	2	0.1	4.4
	12	2	0.2	6.1
	18	2	0.2	4.7
21	00	....		
	06	3	0.2	3.9
	12	3	0.2	5.1
	18	3	0.2	4.4
22	00	3	0.2	4.9
	06	....		
	12	3	0.1	5.2
	18	3	0.1	4.0
23	00	3	0.1	4.4
	06	3	0.2	4.5
	12	3	0.1	5.0
	18	3	0.2	5.2
24	00	....		
	06	3	0.5	5.1
	12	3	0.3	4.6
	18	3	0.2	5.0
25	00	....		
	06	3	0.4	3.8
	12	3	0.2	4.3
	18	3	0.5	4.1
26	00	3	0.2	3.7
	06	3	0.3	2.9
	12	3	0.3	4.2
	18	....		
27	00	....		
	06	3	0.2	3.9
	12	3	0.2	4.0
	18	3	0.2	3.8
28	00	3	0.2	3.8
	06	3	0.1	4.1
	12	3	0.1	3.9
	18	3	0.1	1.9

Station: Madras

01	00	2	0.5	3.2
	03	2	0,5	3,5
	06	2	0.4	3.4
	12	2	0.4	3.4
	18	2	0.4	3.3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Madras				
02	00	2	0.4	3.4
	03	2	0.4	3.6
	06	3	0.5	3.6
	12	3	0.4	3.5
	18	3	0.4	3.8
03	00	3	0.4	5.5
		3	0.4	3.6
	03	3	0.4	5.4
		3	0.3	3.3
	06	...	Earthquake	
	12	3	0.4	5.7
		3	0.3	3.3
	18	3	0.4	5.9
		3	0.3	3.0
04	00	3	0.4	6.1
		3	0.2	2.8
	03	3	0.4	6.1
		3	0.2	2.4
	06	3	0.4	6.0
		3	0.2	2.2
	12	3	0.4	5.5
		3	0.2	2.2
	18	3	0.4	5.3
		3	0.2	2.0
05	00	3	0.4	5.4
		3	0.2	2.1
	03	...	Earthquake	
	06	3	0.4	6.0
		3	0.2	2.4
	12	3	0.4	5.3
		3	0.2	2.4
	18	3	0.4	5.5
		3	0.2	2.5
06	00	3	0.5	5.5
		3	0.2	2.3
	03	3	0.5	5.5
		3	0.2	2.6
	06	3	0.4	5.4
		3	0.2	2.5
	12	3	0.4	5.4
		3	0.2	2.5
	18	3	0.4	5.5
		3	0.2	2.3
07	00	3	0.4	5.3
		3	0.2	2.2
	03	3	0.4	5.3
	06	...	Earthquake	
	12	3	0.5	6.3
	18	3	0.5	6.4
08	00	...	Earthquake	
	03	3	0.4	5.9
	06	3	0.4	5.9
	12	3	0.4	5.7
		3	0.2	2.7
	18	3	0.3	5.4
		3	0.2	3.0
09	00	3	0.3	5.3
		3	0.2	3.1
	03	3	0.4	5.4
		2	0.3	3.1
	06	...	Earthquake	
	12	2	0.3	3.1
	18	3	0.3	5.3
		2	0.3	2.9
10	00	3	0.3	5.3
		2	0.2	2.9
	03	3	0.3	5.1
		2	0.2	2.7
	06	3	0.3	5.0
		3	0.2	2.7
	12	3	0.3	5.0
		3	0.2	2.9
	18	3	0.3	4.9
		3	0.2	2.9
11	00	3	0.3	5.1
		3	0.2	2.8
	03	2	0.3	5.1
	06	2	0.3	5.1
	12	2	0.4	5.1
	18	2	0.4	5.1
12	00	2	0.4	5.1
	03	2	0.4	5.2
	06	2	0.3	5.1
	12	2	0.5	5.3
	18	2	0.5	5.8
13	00	2	0.4	5.9
	03	2	0.4	5.9
	06	2	0.5	5.8
	12	...	Earthquake	
	18	2	0.4	5.3
14	00	2	0.4	5.3
	03	2	0.5	5.6
	06	2	0.4	4.5
	12	2	0.4	4.6
	18	2	0.4	4.5
15	00	2	0.4	4.6
	03	2	0.4	4.4
	06	2	0.4	4.3
	12	2	0.4	4.4
	18	2	0.5	4.4
16	00	2	0.4	4.2
	03	2	0.4	4.2
	06	3	0.3	3.9
	12	3	0.4	5.5
		3	0.3	3.7
	18	3	0.4	5.8
17	00	3	0.4	6.0
	03	2	0.5	6.1
		3	0.2	2.4
	06	2	0.5	6.6
		3	0.2	2.5

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Madras				
17	12	...	Earthquake	
	18	2	0.4	6.4
		2	0.3	2.6
18	00	2	0.4	6.1
		2	0.3	2.7
	03	3	0.3	5.7
		3	0.2	2.7
	06	3	0.3	5.9
		3	0.2	2.7
	12	3	0.3	6.1
		3	0.2	2.6
	18	3	0.4	6.1
		3	0.2	2.5
19	00	3	0.4	5.7
		3	0.2	2.6
	03	3	0.3	5.5
		3	0.2	2.5
	06	3	0.3	5.1
	12	3	0.3	5.3
	18	3	0.3	5.4
20	00	3	0.3	5.5
	03	3	0.3	5.3
	06	3	0.3	5.4
	12	3	0.4	6.5
	18	3	0.4	6.4
21	00	3	0.3	6.3
	03	3	0.4	6.2
	06	3	0.3	6.3
	12	3	0.3	6.3
	18	3	0.3	6.3
22	00	3	0.3	6.0
	03	3	0.3	6.1
	06	...	Earthquake	
	12	...	No record	
	18	...	No record	
23	00	...	No record	
	03	3	0.3	6.0
	06	3	0.3	6.0
	12	3	0.4	6.4
	18	3	0.4	6.6
24	00	3	0.4	6.2
	03	3	0.4	6.2
	06	3	0.4	6.0
	12	3	0.4	6.3
	18	3	0.3	6.0
		3	0.3	4.4
25	00	3	0.3	6.0
		3	0.2	4.6
	03	3	0.3	5.9
		2	0.3	4.4
	06	2	0.3	4.7
	12	2	0.3	4.8
	18	2	0.3	4.9
26	00	2	0.3	4.9

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Madras				
26	03	2	0.3	4.9
	06	2	0.3	4.8
	12	2	0.2	5.0
	18	2	0.2	4.7
27	00	3	0.3	6.0
	03	3	0.3	5.0
	06	2	0.3	4.9
	12	2	0.2	4.8
	18	2	0.2	4.4
28	00	2	0.3	4.8
	03	2	0.3	4.9
		2	0.2	3.7
	06	2	0.3	5.1
		2	0.2	3.7
	12	2	0.2	3.5
	18	2	0.2	4.0
Station: Port Blair				
01	00	3	0.8	3
	06	3	0.4	3
	12	3	0.4	3
	18	3	0.4	3
02	00	3	0.4	3
	06	3	0.4	3
	12	3	0.4	3
	18	3	0.4	3
			0.4	7
03	00	3	0.2	3
			0.4	7
	06	...	-	-
	12	3	0.8	7
	18	1	0.4	7
04	00	1	0.4	7
	06	3	0.4	6
	12	3	0.4	8
	18	3	0.4	8
05	00	3	0.4	8
	06	3	0.4	8
	12	3	0.4	8
	18	3	0.4	7
06	00	3	0.4	7
	06	3	0.4	7
	12	3	0.2	7
			0.4	7
	18	3	0.2	7
07	00	3	0.2	8
	06	...	-	-
	12	3	0.4	7
	18	3	0.4	7
08	00	...	-	-
	06	3	0.8	7
	12	3	0.4	7
	18	3	0.4	7

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Port Blair				
09	00	3	0.2	7
	06	...	-	-
	12	-	-	-
	18	3	0.4	7
10	00	3	0.4	7
	06	...	-	-
	12	3	0.4	8
	18	3	0.4	8
11	00	3	0.4	7
	06	3	0.4	7
	12	3	0.4	7
	18	3	0.4	7
12	00	3	0.4	7
	06	3	0.4	7
	12	3	0.8	8
	18	3	0.8	8
13	00	3	0.8	8
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
14	00	...	-	-
	06	3	0.8	8
	12	3	0.8	8
	18	3	0.8	8
15	00	3	1.2	8
			0.8	8
	06	3	1.2	8
			0.8	8
	12	3	1.2	8
			0.8	7
	18	3	0.8	7
16	00	3	0.8	7
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.2	4
17	00	3	0.2	4
	06	3	0.2	4
	12	...	-	-
	18	3	0.2	4
18	00	-	-	-
	06	3	0.2	4
	12	3	0.2	4
	18	3	0.2	3
19	00	3	0.2	3
	06	3	0.2	4
	12	3	0.2	4
	18	3	0.2	4
20	00	3	0.2	4
	06	3	0.2	4
	12	3	0.2	4
	18	3	0.2	4
21	00	3	0.2	4
21	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
22	00	3	0.4	6
	06	...	-	-
	12	3	0.8	7
	18	3	0.8	7
23	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
24	00	3	0.8	7
	06	3	0.8	6
	12	3	0.8	6
	18	3	0.8	6
25	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
26	00	3	0.8	7
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
27	00	...	-	-
	06	3	0.8	8
	12	3	0.8	8
	18	3	0.8	8
28	00	3	0;8	8
	06	3	0.8	7
	12	3	0.4	6
	18	3	0.4	6
Station: Shillong				
01	00	3	0.2	4.5
	06	3	0.2	4.5
	12	3	0.2	4.0
	18	3	0.2	4.0
02	00	3	0.2	4.5
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	3	0.3	4.5
03	00	3	0.3	4.5
	06	...	-	-
	12	3	0.2	4.5
	18	3	0.2	4.5
04	00	3	0.2	4.5
	06	3	0.2	4.5
	12	3	0.2	4.5
05	00	3	0.3	4.5
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	3	0.2	4.5

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Shillong				
06	00	3	0.2	4.5
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	...	--	--
07	00	3	0.2	4.5
	06	...	---	--
	12	3	0.3	4.5
	18	...	---	--
08	00	...	---	--
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.5
09	00	3	0.2	4.5
	06	...	---	--
	12	3	0.2	4.5
	18	3	0.2	4.5
10	00	3	0.2	4.5
	06	...	---	--
	12	3	0.2	4.0
	18	3	0.2	4.5
11	00	3	0.2	5.0
	06	3	0.2	4.0
	12	3	0.2	4.5
	18	3	0.2	4.5
12	00	3	0.3	5.0
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	3	0.3	5.0
13	00	3	0.2	4.5
	06	3	0.2	4.5
	12	3	0.2	4.0
	18	3	0.2	4.5
14	00	3	0.2	4.5
	06	...	---	--
	12	3	0.2	4.5
	18	3	0.2	4.5
15	00 to 18	...	---	--
16	00	...	---	--
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	3	0.2	4.5
17	00	3	0.2	5.0
	06	3	0.3	5.0
	12	...	---	--
	18	3	0.3	5.0
18	00	3	0.3	5.0
	06	3	0.3	5.0
	12	3	0.2	5.0
	18	3	0.2	5.2
19	00	3	0.2	5.0
	06	3	0.2	4.5
19	12	3	0.2	4.5
	18	3	0.2	4.5
20	00	3	0.2	4.5
	06	3	0.4	5.0
	12	3	0.3	4.5
	18	3	0.3	4.5
21	00	3	0.3	4.5
	06	3	0.3	4.5
	12	3	0.3	4.5
	18	3	0.3	4.5
22	00	3	0.2	4.5
	06	...	---	--
	12	3	0.3	4.5
	18	3	0.2	4.5
23	00	3	0.3	4.5
	06	3	0.3	4.5
	12	3	0.3	4.5
	18	3	0.4	5.2
24	00	3	0.4	5.0
	06	3	0.3	4.5
	12	3	0.2	4.5
	18	3	0.2	4.5
25	00	3	0.2	4.5
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	3	0.2	4.5
26	00	3	0.2	4.5
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	3	0.2	4.5
27	00	3	0.2	4.5
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	3	0.2	4.5
28	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0

Station: Visakhapatnam

A - Microseisms very feeble.
B - Earthquake in progress
C - Power failure.

01	00	2	0.2	2.5
	06	2	0.6	5.0
	12	2	0.5	5.1
	18	2	0.7	5.1
02	00	00 A	-	-
	06	2	0.6	5.7
	12	2	0.5	4.6
	18	2	0.2	3.9

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station : Visakhapatnam				
03	00	00 A	-	-
	06	....B	-	-
	12	2	0.5	4.9
	18	00 A	-	-
04	00	00 A	-	-
	06	2	0.5	5.0
	12	2	0.5	5.5
	18	2	0.5	5.1
05	00	00 A	-	-
	06	2	0.5	5.1
	12	2	0.6	5.6
	18	00 A	-	-
06	00	00 A	-	-
	06	2	0.5	4.8
	12	2	0.5	5.6
	18	2	0.5	4.8
07	00	00 A	-	-
	06	....B	-	-
	12	2	0.6	5.3
	18	2	0.4	5.3
08	00	00 A	-	-
	06	....B	-	-
	12	2	0.5	5.3
	18	2	0.6	5.6
09	00	00 A	-	-
	06	....B	-	-
	12	2	0.6	5.4
	18	2	0.5	5.5
10	00	00 A	-	-
	06	....B	-	-
	12	2	0.5	5.3
	18	2	0.5	5.0
11	00	00 A	-	-
	06	....B	-	-
	12	2	0.4	4.9
	18	2	0.4	4.2
12	00	00 A	-	-
	06	2	0.5	4.9
	12	2	0.5	5.2
	18	2	0.5	4.7
13	00	00 A	-	-
	06	2	0.5	4.8
	12	2	0.5	5.0
	18	2	0.5	5.0
14	00	2	0.4	4.0
	06	2	0.5	5.2
	12	2	0.4	3.8
	18	2	0.4	4.9
15	00	00 A	-	-
	06	....B	-	-
	12	2	0.6	5.0
	18	2	0.4	4.5
16	00	00 A	-	-
	06	2	0.4	4.9
	12	2	0.5	4.3
	18	2	0.4	4.5
17	00	2	0.5	4.6
	06	2	0.6	6.8
	12	....B	-	-
	18	2	0.6	6.5
18	00	2	0.5	6.3
	06	2	0.5	5.5
	12	2	0.4	4.9
	18	2	0.5	5.5
19	00	2	0.4	4.6
	06	2	0.4	4.5
	12	2	0.5	4.7
	18	2	0.4	4.6
20	00	2	0.3	4.1
	06	2	0.5	5.6
	12	2	0.6	5.8
	18	2	0.5	5.4
21	00	2	0.6	4.7
	06	C	-	-
	12	C	-	-
	18	2	0.5	5.9
22	00	C	-	-
	06	....B	-	-
	12	C	-	-
	18	2	0.5	5.6
23	00	2	0.3	4.7
	06	2	0.5	5.2
	12	2	0.6	5.7
	18	2	0.5	5.4
24	00	2	0.5	5.2
	06	2	0.6	6.4
	12	2	0.5	5.4
	18	2	0.5	6.0
25	00	2	0.5	4.6
	06	2	0.5	5.2
	12	2	0.5	5.1
	18	2	0.5	5.1
26	00	00 A	-	-
	06	2	0.5	5.2
	12	2	0.5	5.0
	18	2	0.5	4.7
27	00	2	0.4	4.6
	06	2	0.5	4.5
	12	2	0.4	4.8
	18	2	0.3	4.3
28	00	2	0.4	4.2
	06	2	0.4	4.6
	12	2	0.5	5.1
	18	2	0.5	5.4

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List of Seismograph Stations with their Instruments and Constants

Station and abbreviation	Latitude o ' N	Longitude o ' E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Tg	Vmax.	Damping h_1	Damping h_2	Constant	Paper speed mm/min.
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500	-		1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1		1	20
						N	1.01	1.17	5500	1		1	20
						E	1.02	1.15	5600	1		1	20
Bokaro	23.47	85.53		Ro-	Press-Ewing	Z	15	100	"	-		1	15
BOK						N	15	100	"	-		1	15
						E	15	94	"	-		1	15
					Sprengnether	E	7.3	7.3	5000			1	30
					Wood-Anderson	N	0.8	0.8	940	1			30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	E	0.8	0.8	950	1			30
BOM						N	12	12	250	0.7			8
						E	12	12	250	0.7			8
					Sprengnether	E	7.3		5000			1	30
					Benioff	Z	"		"	-		1	30 for LP Galvanometer 60 for SP
Calcutta	22.32	88.20	7	Milne-Shaw Alluvium	Milne-Shaw	E	12		250	0.7			8
CAL			6	Omori-Ewing	Omori-Ewing	E	19		30	-			25.4
						N	15		32	-			25.4
Chatra	26.50	87.10	161	Sand stone	Sprengnether	N	7.0	7.0	1000			1	30
CHA					Benioff	Z	0.72	0.45	-	-		1	60
					Wood-Anderson	N	0.8		1000	1			30
						E	0.8		1000	1			30
					Milne-Shaw	N	12		250	1			16
						E	12		250	1			16
					Wanner Accelerograph	ZNE	0.1		50	0.6			600
Delhi	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.6	7.6	5000			1	30
NDI					Wood-Anderson	E	0.8		1000	1			30
						N	0.8		1000	1			30
					Milne-Shaw	N	12		250	0.7			8
					Benioff(SP)	Z	1.0	0.76	50K for			1	60
						N	1.0	0.76	50K TE=1			1	60
						E	1.0	0.77	50K sec.			1	60
					Sprengnether	Z	15	100	1500 for			1	15
					(LP)	N	15	100	1500 TE=15			1	15
						E	15	100	1500 sec			1	15
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3	-	-		1	60
DDI					Wood-Anderson	N	0.8		970	1			30
						Z	0.8		1000	1			30
					Milne-Shaw	N	12		250	0.7			8
					Sprengnether	Z	15	100	1500 for TE=15 sec	1		1	30
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5	"			1	30
GOA						E	7.4	7.4	5000			1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	N	7.5	7.5	5000			1	30
HYD						E	12		243.5	0.7			8
Kodaikanal	10.14	77.28	2345	Rock		N	12		250.2	0.7			8
KOD					Benioff (SP)	Z	1.0	0.75	100K for			1	60
						N	1.0	0.75	100K TE=1			1	60
						E	1.0	0.75	100K secs			1	60
					Sprengnether (LP)	Z	15	100	1500 for			1	30
						N	15	100	1500 TE=15			1	30
						E	15	100	1500 secs			1	30
					Milne-Shaw	E	12		250	0.7			8
Madras	13.00	80.11	15		Sprengnether	Z	7.5	7.5	"			1	30
MDR													
Poona	18.32	73.51	560	Deccan Trap	Benioff (SP)	Z	1.0	0.75	50K for			1	60
POO						N	1.0	0.75	50K TE=1			1	60
						E	1.0	0.75	50K secs			1	60
					Sprengnether (LP)	Z	15	100	3000 for			1	15
						N	15	100	1500 TE=15			1	15
						E	15	100	1500 secs			1	15
Port Blair	11.40	92.43	-	-	Milne-Shaw	Z	12		250	0.7			30
PBA					Wood-Anderson	N	2.0		890	0.7			30
						E	0.8		810				
Sehore	23.10	77.05	-	-	Benioff	Z	1.0	1.6	"	0.8			30
SEH					Wood-Anderson	N	0.8		860	1		1	
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)		E	0.8		950	1			30
SHL					Benioff (SP)	Z	1	0.75	200K for			1	30
						N	1	0.75	200K TE=1			1	60
						E	1	0.75	200K sec			1	60
					Press-Ewing (LP)	Z	15	100	3000 for			1	60
						N	15	100	3000 TE=15			1	30
						E	15	100	3000 secs			1	30
					Sprengnether	E	6.7	6.7	2600			1	30
					Milne-Shaw	N	12		250	0.7			30
Tocklai	26.45	94.46		Alluvium	Wanner Accelerograph	Z,N,E	0.1	Nearly	50	0.6			8
TOC					Wood-Anderson	E	0.8		1000	1			600
Visakha-patnam	17.43	83.18			Sprengnether	E	7.0	7.0	5000			1	60
VIS					Wood-Anderson	E	2.0		950	1			30
						N	0.8		950	1			30
					Electromagnetic(S.P.)	Z	1.55	1.55	6000	1	1		30
													60

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DATE	STN	PHASE	H.	M.	S.		△ km
01	SHL	iP	01	08	00	R	
01	DDI	eP	05	02	15		
	NDI	eP	05	02	18		950
		iS		04	08		
	SHL	iP	05	04	46	C	
01	DDI	eP	05	35	41		
	SHL	iP	05	36	21		
	BOK	e	05	38	02		
		i		39	14		
	CHA	i	05	38	30		
	NDI	e	05	43	26		
	POO	eP	05	45	23		
01	BOK	e	07	49	39		
01	PBA	iPg	10	33	41	R	300
		PP		33	46		
		PPP		33	57		
		eS		34	14		
		S*		34	20		
		SS		34	25		
		SSS		34	35		
	POO	eP	10	37	53		
01	POO	eP	12	41	13		
	KOD	iP	12	41	16.5	NER	
	NDI	i	12	41	23		
01	SHL	eP	13	54	15		
01	NDI	i	17	30	16		
01	SHL	iP	19	09	51	C	
01	POO	eP	22	29	37		
01	NDI	i	23	27	27		
	SHL	iP	23	27	39	R	
01	SHL	iP	23	37	41	R	
02	SHL	iP	00	31	12	C	
02	DDI	iP	02	42	58		3550
		eS		48	10		
	NDI	iP	02	43	03	SEC	
	BHK	i	02	43	45		
	POO	iP	02	43	47	C	
	CHA	iP	02	44	11		
	SHL	iP	02	44	48	C	
	KOD	iP	02	45	00.5	SWC	

02 Epc: 36.1°N, 70.6°E. Hindukush Region. H = 04h 02m 46.5s Depth 162 km. Mag, 4.5 SD 0.9 (CGS).

	DDI	eP	04	04	46		990
		eS		06	25		
	BHK	e	04	04	45		
Contd.		iS		05	39		
		i		06	26		
	NDI	eP	04	04	57		1030
		iS		06	40		
	SHL	iP	04	07	21	C	
02	BOK	e	07	26	59		
02	SHL	iP	07	33	21	C	
	VIS	iP	07	33	51	ER	1170
		eS		35	50		
	MDR	e	07	34	09		
		e		41	37		
	KOD	iP	07	34	17	SC	
	POO	eP	07	34	53		
	DDI	iP	07	34	54		
	NDI	iP	07	34	55	R	
02	BOK	e	07	59	35		
02	BOK	e	08	02	46		
02	BOK	e	08	28	08		
02	SHL	iP	12	01	56	C	
	DDI	iP	12	02	25		
	NDI	eP	12	02	34	C	
	POO	iP	12	03	32	C	
02	SHL	iP	13	12	10	R	
	NDI	iP	13	13	09	NER	
	POO	eP	13	14	10		
02	NDI	iP	13	20	16		
02	SHL	iP	14	14	44	C	
	NDI	eP	14	16	33		
02	NDI	i	17	01	13		
02	SHL	iP	17	41	42	R	
	DDI	eP	17	43	16		
02	SHL	iP	20	14	15	C	
02	NDI	eP	20	25	33		
02	SHL	iP	21	12	12	R	
02	SHL	iP	23	03	59	C	
02	SHL	iP	23	09	33	C	
03	SHL	iP	00	16	08	R	

03 Epc: 48.3°N, 154.3°E. Kurile Island. H = 03h 25m 28s. Depth 45 km (R). Mag. 5½(Pal), 5.9 (CGS).

	CHA	iP	03	35	03	C	
	BOK	iP	03	35	21		6480
		iS		43	23		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
03	DDI	iP	03	35	27		
	BHK	iP	03	35	28	R	
	NDI	eP	03	35	37		
	PBA	iP	03	35	49	R	
		i		36	03		
	VIS	iP	03	36	03	C	
	SEH	iP	03	36	06		
	MDR	iP	03	36	37	E	7690
		PcP		36	59		
		PP		39	13		
		PPP		40	55		
		iS		45	43		
	POO	iP	03	36	38	C	
	BOM	iP	03	36	40	SWC	7760
		PcP		37	03		
		eS		45	49		
		ScS		46	38		
	GOA	iP	03	36	52	C	
	KOD	iP	03	36	59		8100
		eS		46	25		
03	BHK	iP	07	45	08	NER	
		i		45	10		
	BOK	e	07	49	25		
03	BOK	i	08	13	43		
03	BOK	e	08	31	11		
03	BOK	i	08	44	18		
03	BOK	e	08	54	43		
03	BOK	i	10	07	52		
03	SHL	eP	10	12	55		
03	NDI	e	12	21	35		
03	PBA	iPg	15	38	53	C	56
		eSg		38	59		
03	SHL	iP		16	36	37 C	
		e		37	13		
03	SHL	iP	16	57	54		
03	NDI	i	17	58	51		
03	SHL	iP	18	06	10	C	
		e		06	36		
03	NDI	e	20	39	23		
		i		40	04		
03	SHL	iP	23	22	59	R	
		e		23	44		
	CHA	iP	23	23	52		880
		iS		25	23		
03	CHA	e	23	43	28		
04	SHL	iP	00	19	43	R	
04	SHL	iP	01	04	09	R	
04	KOD	ePn	01	27	09		366
		iSn		27	49.5		
04	POO	eP	01	29	11		
04	NDI	e	04	27	47		
		i		29	37		
04	SHL	iP	05	28	10	C	
04	NDI	e	04	29	42		
04	NDI	e	04	45	28		

04 Epc: 30.0°N, 70.0°E West Pakistan. H= 06h 01m 05s, depth 33 kms (R). Mag. 4.4 SD 1.7 (CGS).

	BHK	iP	06	02	33		630
		PPP		02	46		
		LQ		03	28		
		iS		03	39.6		
		Sg		04	12.6		
		i		04	17.6		
	NDI	ePn	06	02	39		710
		P*		02	53		
		Pg		03	09		
		iSn		03	53		
		S*		04	16		
		Sg		04	31		
	DDI	eP	06	02	49		810
		iS		04	12		
		Sg		05	06		
	POO	eP	06	03	54		
	BOK	eP	06	04	39		1655
		eS		07	25		
		SS		07	40		
		SSS		07	58		
	CHA	eP	06	04	42		1745
		iS		07	39		
	VIS	eP	06	05	15		2790
		eS		09	38		
		eSSS		11	02		
		eLQ		11	50		
	SHL	iP	06	05	35	C	
	KOD	eP	06	05	50.5	SR	
	CAL	e	06	09	17		754
		i		10	36		
	MDR	eP	06	09	25		
		e		11	07		
		e		12	47		
	HYD	e	06	10	21		
04	BOK	e	07	36	53		
04	SHL	eP	07	50	55		
04	BOK	e	07	59	21		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
04	BOK	e	08	09	57		
04	NDI	iP	04	34	13	R	
04	NDI	e	08	58	52		
04	BOK	i	09	03	09		
04	BOK	i	11	08	21		
04	SHL	iP	11	46	13	R	
04	NDI	eP	12	36	46		910
		eS		38	20		
04	DDI	e	12	37	02		
04	SHL	iP	14	48	48		
04	NDI	iP	15	41	50		820
		iS		43	15		
04	NDI	e	16	34	11		
04	Epc: 12.8°N, 92.7°E. H = 17h 47m 13s (New Delhi)						
	PBA	iPg	17	47	29	R	111
		PP		47	36		
		eSg		47	42		
		SS		47	55		
		SSS		48	04		
	SHL	iP	17	50	19	C	
		i		52	44		
	CHA	iP	17	50	44	C	
	KOD	iP	17	50	52	WR	1555
		iS		53	28.5		
	POO	eP	17	51	37		
	VIS	iS	17	51	45	WC	
	NDI	iP	17	52	05	C	
04	POO	eP	17	55	09		
	NDI	e	17	56	10		
04	CHA	iP	21	14	38	C	
04	SHL	iP	22	28	21	R	
04	CHA	iP	22	28	52	C	
04	SHL	i	22	29	51		
05	PBA	e	00	12	08		
	SHL	eP	00	12	47		
	NDI	e	00	17	28		
05	MDR	e	00	50	43		
05	HYD	e	00	56	33		
05	SHL	iP	02	51	20	C	
		i		53	45		
05	NDI	eP	02	53	06	C	
05	BOK	e	07	38	49		
05	SHL	iP	07	39	33	C	

DATE	STN	PHASE	H.	M.	S.		Δ km
05	BOK	e	08	16	26		
05	NDI	iPg	08	20	11	SEC	51
		iSg		20	17		
05	BOK	i	08	30	26		
05	NDI	i	14	23	42		
05	SHL	iP	14	52	53	R	
05	SHL	iP	15	58	13	R	
05	DDI	eP	18	20	11		
	NDI	e	18	20	28		500
		eS		21	22		
05	SHL	iP	18	23	40	R	
		i		24	38		
	CHA	iP	18	24	25	C	
05	NDI	iPg	19	33	32		
05	NDI	iPg	19	49	34	NWC	77
		iSg		49	43		
05	SHL	iP	21	44	15	C	
05	SHL	iP	22	44	09	R	140
		iSg		44	31		
	CHA	iP	22	44	46	R	460
		iS		45	35		
06	Epc: 9.5°N, 126.2°E. H = 00h 09m 33.2s. Depth 93 km. Mag. 5.1 (CGS).						
	SHL	iP	00	16	30	R	3490
		PP		17	36		
		iS		21	38		
06	KOD	iP	01	24	07.5	NEC	
06	Epc: 31.6°N, 80.5°E. H = 02h 10m 56.8s. Depth 35 km. Mag. 5.4 SD 0.5 (CGS).						
	DDI	iP	02	11	36		
		i		16	40		
	BHK	iPn	02	11	52.2	R	336
		iP*		11	57.2		
		ePg		12	01.4		
		iPPP		12	06		
		i		12	11.4		
		i		12	16		
		LQ		12	19.4		
		iS		12	29.6		
		i		12	33.6		
		Sg		12	42.8		
		SSS		12	47.2		
		i		13	24.4		
	NDI	iPn	02	11	58	NER	410
		i		12	09		
		Pg		12	13		
		Sn		12	44		
		Sg		13	00		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
06	CHA	iP	02	12	53		
	SEH	iP	02	13	03		940
		PP		13	12		
		PPP		13	19		
		i		13	43		
		iS		14	40		
		SS		14	57		
	CAL	iP	02	13	42		1165
		iS		15	41		
	VIS	iP	02	14	09	R	1620
		iPP		14	25		
		iPPP		14	32		
		iS		16	53		
		iSS		17	23		
	BOM	eP	02	14	14		1510
		PP		14	24		
		LQ		16	44		
		eS		16	47		
		SSS		17	02		
	HYD	iP	02	14	18		
	GOA	iP	02	14	51		
		PP		15	03		
		PPP		15	13		
		iS		17	55		
		SS		18	19		
		SSS		18	31		
	KOD	iP	02	15	44		3345
06	Epc: 31.6°N, 80.5°E in Tibet H= 02h 15m 56.7s. Depth 44kms. Mag. 6½(Pas) 6.5-7 (Brk). 6½-6¾(Pal) 6.1 SD 0.5 (CGS).						
	BHK	iPn	02	16	50.8	R	385
		iS		17	33.2		
	NDI	iPn	02	16	58	NER	410
		i		17	09		
		i		17	19		
		Sn		17	44		
		Sg		18	00		
	CHA	iP	02	17	53		880
		i		19	10		
		iS		19	24		
	SEH	iP	02	18	06		950
		i		18	26		
		i		18	34		
		i		18	39		
		LQ		19	39		
		iS		19	44		
	BOM	eP	02	19	14		1510
		PP		19	24		
		PPP		19	32		
		eS		21	47		
		SS		22	02		
		SS		22	14		
06	HYD	iP	02	19	18		1575
		eS		21	55		
	KOD	iP	02	20	43		
06	NDI	eP	03	09	19	R	
06	DDI	eP	03	45	01		
	NDI	eP	03	45	34		470
		eS		46	24		
06	DDI	iP	05	16	26		
	NDI	iP	05	16	55		430
		eS		17	42		
06	DDI	iP	07	00	32		
	NDI	eP	07	00	57		480
		eS		01	48		
06	SHL	iP	07	23	23	C	
	NDI	eP	07	24	45	WR	680
		iS		25	56		
	POO	eP	07	25	39		
06	DDI	eP	08	30	10		
	NDI	eP	08	30	30		
		i		30	36		
06	SHL	iP	11	39	13	C	
06	SHL	eP	14	04	10		
		e		04	45		
06	SHL	iP	17	46	35	R	
06	SHL	iPg	18	43	44	R	90
		iSg		43	54		
06	BHK	e	19	09	40.5		
		i		09	47.1		
		i		09	59.9		
		i		10	38.2		
	DDI	eP	19	10	11		
	NDI	ePn	19	10	31		510
		i		10	41		
		iSn		11	26		
	CHA	iP	19	11	24	C	
	SHL	i	19	11	29	R	
		i		11	43		
	POO	eP	19	12	47		
06	NDI	i	19	28	30		
06	NDI	i	19	43	50		
06	NDI	eP	20	29	47		
	DDI	eP	20	29	53		
	BHK	i	20	30	25		
06	POO	eP	20	34	31		
06	NDI	i	20	55	26		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
06	NDI	e	23	11	52		
06	SHL	eP	23	18	17		
06	BHA	e	23	40	25.7		
		i		40	30.7		
	NDI	e	23	41	09		
		e		41	17		
	SHL	iP	23	42	49	C	
	Epc: 39.1°N, 41.7°E. H= 01h 16m 05.8s, depth 13 kms. Mag. 5.5(CGS).						
	BHA	iP	01	22	08	C	
		PP		22	59		
		PPP		23	16		
		i		27	32		
	DDI	iP	01	22	26		
	NDI	eP	01	22	28		3510
		iS		27	35		
	BOM	eP	01	22	49		3710
		PP		24	04		
		PPP		24	19		
		eS		28	18		
		SSS		30	36		
	POO	iP	01	22	57.5	C	
	CHA	iP	01	23	42	C	
	VIS	iP	01	23	57	EC	4720
		iS		30	20		
	MDR	eP	01	24	06		4980
		PP		25	51		
		eS		30	44		
		SS		34	04		
	SHL	iP	01	24	15	C	
	PBA	i	01	25	24		
07	NDI	e	02	12	25		
07	DDI	iP	05	28	21		
07	NDI	eP	05	28	47		
07	POO	eP	06	45	05		
07	SHL	iP	07	32	21	R	
07	DDI	eP	07	43	41		
07	DDI	iP	09	40	06		
07	DDI	iP	10	26	17		
07	NDI	iP	10	27	00	NR	
		i		27	49		
07	BOK	e	13	19	39		
07	CHA	eP	13	20	13		420
		iS		20	59		
07	NDI	e	13	35	15		
	DDI	eP	13	35	17		
07	NDI	i	13	58	36		
07	NDI	eP	14	59	00		
07	SHL	iP	15	53	53	R	
07	DDI	iP	14	58	31		
07	CHA	iP	17	19	12	R	
	SHL	iP	17	19	44	C	
07	SHL	iP	18	53	49	C	
		i		54	18		
07	DDI	eP	20	54	36		
07	NDI	iP	20	54	37		950
		iS		56	15		
07	Epc: 37.2°N. 114.8°E H= 21h 29m 17.0s, depth 33 kms. Mag. 5.8 (CGS).						
	SHL	iP	21	34	16	C	2500
		PP		34	50		
		PPP		34	58		
		iS		38	19		
		SS		39	11		
	CHA	i	21	34	34		2890
		iP		34	47		
		i		34	52		
		iS		39	16		
		i		39	27		
	BOK	eP	21	35	10		2990
		PP		36	06		
		iS		39	46		
	DDI	eP	21	35	35		3700
		iS		40	55		
	BHA	iP	21	35	43	R	3600
		PP		37	01		
		PPP		37	18		
		PcP		38	13		
		eS		40	57		
		SS		43	02		
		ScS		45	58		
	PBA	eP	21	35	44	R	3620
		PP		36	57		
		PPP		37	19		
		eS		41	00		
		SS		43	01		
	NDI	eP	21	35	45		3580
		i		35	49		
		PP		37	18		
		eS		40	58		
		SS		43	11		
		SSS		43	50		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
07	VIS	iP	21	35	59	NER	3850
		iPP		37	21		
		iS		41	30		
		iScP		42	04		
		iSSS		44	25		
	SEH	iP	21	36	14		3940
		PP		37	35		
		PPP		37	53		
		iS		41	49		
	HYD	iP	21	36	33	N	4140
		PS		37	45		
		eS		42	21		
		SS		44	34		
		SSS		45	18		
	MDR	iP	21	36	48	E	4410
		PP		38	23		
		iS		42	52		
		SS		45	36		
		SSS		46	12		
	POO	eP	21	36	51		
		PP		38	28		
		PPP		38	56		
		eS		43	03		
	GOA	eP	21	37	12	C	
	BOM	iP	21	37	01	SWC	4630
		e		38	46		
		PcP		38	59		
		PPP		39	10		
		iS		43	19		
		PS		43	21		
		PPS		43	28		
		SS		45	57		
		i		46	50		
		SSS		46	57		
		ScS		47	04		
	KOD	eP	21	37	17		4820
		PP		39	02		
		PcP		39	10		
		PPP		39	37		
		iS		43	46		
		PS		43	50		
		PPS		44	00		
		SS		46	46		
		ScS		47	09		
		SSS		47	42		
	SHL	iP	22	37	47	R	
	CHA	iP	22	38	35	R	1210
		iS		40	39		
	DDI	eP	22	40	10		
	NDI	eP	22	40	21		
		i		40	24		
	POO	iP	22	41	27.7		
07	KOD	eP	22	41	49	EC	
08	SHL	iP	00	09	53	C	
08	SHL	eP	00	29	29		
08	DDI	iP	01	10	25		
08	PBA	i	01	25	37		
	SHL	iP	01	26	04	C	
	BOK	e	01	26	26		
	CHA	iP	01	26	29	C	
	VIS	iP	01	26	32	WR	
	MDR	eP	01	26	39		10170
		SKS		37	08		
		SKKS		37	17		
		eS		37	37		
	KOD	iP	01	26	48.2	SEC	
	DDI	iP	01	27	04		
	NDI	eP	01	27	05	C	
	POO	eP	01	27	10		
08	NDI	iP	02	52	33	R	
	SHL	iP	02	55	34		
		e		56	09		
08	DDI	iP	03	26	09		
08	NDI	e	03	33	36		
08	NDI	eP	03	39	35		970
		iS		41	45		
08	NDI	iP	03	43	22	SWR	
08	DDI	eP	03	44	49		
	NDI	eP	03	45	02		
08	SHL	iP	03	51	41	R	
08	SHL	iP	03	59	43	C	
08	SHL	iP	04	26	25	C	
08	DDI	iP	05	33	57		
08	NDI	eP	05	34	23		244
		iS		34	51		
08	Epc: 1.9°N, 126.4°E Molucca Panage, H= 05h 41m 04.5s. h= 33R, Mag. 4.7 - 5.2(Brk)						
	PBA	eP	05	47	58		3720
		PP		49	09		
		PPP		49	30		
		eS		53	20		
	SHL	iP	05	48	43	C	4560
		PPP		50	43		
		iS		54	50		
		SSS		58	20		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
08	BOK	eP	05	49	18		4900
		e		55	30		
		iS		55	52		
	VIS	iP	05	49	20	NWC	4970
		iPP		51	10		
		iPPP		51	51		
		iS		55	57		
		eSS		59	18		
		eSSS	06	00	02		
	CHA	iP	05	49	21	C	
		i		55	08		
		i		59	17		
	MDR	iP	05	49	36	E	5150
		PP		51	27		
		PPP		52	15		
		iS		56	24		
		ScS		59	30		
		SSS	06	00	46		
	KOD	iP	05	49	53		5810
		eS		57	18		
		PcP		50	58		
		PP		51	50		
		PPP		52	54		
		PcS		54	50		
		PS		57	24		
		PPS		57	34		
		ScS		59	29		
		SS	06	00	52		
		SSS		02	38		
	SEH	iP	05	50	18		
		i		50	39		
	GOA	iP	05	50	24	R	
	DDI	iP	05	50	25		5830
		eS		57	51		
	NDI	eP	05	50	25		5910
		eS		57	55		
		e		58	24		
		e	06	00	03		
	P00	eP	05	50	26		5960
		eS		57	57		
		e		58	20		
		e	06	02	30		
		e		05	23		
	BOM	iP	05	50	34	WC	6020
		PcP		51	39		
		e		53	14		
		iS		58	10		
		PS		58	20		
		e	06	00	22		
		SS		01	52		
		LQ		03	47		
		LR		05	44		
		M		13	40		
08	BHK	iP	05	50	52	C	6055
		PPP		54	14		
		i		55	03		
		iS		58	30		
		ScS	06	00	27		
		SS		02	26		
		SSS		04	41		
08	KOD	iP	06	08	53	NC	
	NDI	iP	06	09	26	WC	
	P00	iP	06	09	27.5		
08	HYD	e	06	11	35		
08	NDI	eP	06	16	54		
08	P00	eP	06	45	10		
08	SHL	iP	07	14	46	C	
08	DDI	e	07	23	03		
08	BHK	eP	07	23	13		667
		eS		24	22.6		
		LR		24	28.6		
		i		24	46.4		
	NDI	eP	07	23	45		940
		iS		25	22		
08	P00	eP	07	29	08		
08	SHL	iP	07	41	47	R	
08	CHA	iP	07	42	16	C	
08	SHL	iPg	10	25	33	R	100
		iSg		25	45		
08	SHL	eP	11	27	56		
08	SHL	iP	11	39	51		
08	NDI	iP	12	18	11		
		i		19	20		
08	SHL	iP	12	26	55	C	
	KOD	iP	12	28	04		
	DDI	iP	12	28	36		
	NDI	iP	12	28	36	ER	
	P00	iPKP	12	28	38	C	
08	DDI	iP	14	08	01		
08	P00	eP	16	08	52		
08	SHL	iP	16	19	18	C	
08	SHL	iPg	17	24	13	C	90
		iSg		24	23		
08	SHL	iP	17	26	38		
08	NDI	iP	17	47	47	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	△ km	
08	NDI	eP	18	02	47		R
08	SHL	iP	18	40	07		C
08	CHA	iP	18	46	43		R
	POO	eP	18	47	49		
08	NDI	e	19	00	14		
08	CHA	i	19	01	21		C
08	NDI	e	20	08	30		
		i		09	20		
08	POO	iP	21	05	36.7		
	KOD	iPn	21	05	42	NC	277
		iSn		06	13.5		
	NDI	iP	21	05	43		R
		i		05	46		
		e		09	12		
	DDI	iP	21	05	45		
	CHA	iP	21	05	56		C
	PBA	e	21	06	00		
		i		07	13		
	SHL	iP	21	06	01		R
	MDR	e	21	06	22		
08	NDI	e	21	15	54		
09	SHL	iP	00	07	42		
09	SHL	iP	00	36	53		C
09	BOK	e	07	54	23		
09	BOK	e	08	13	36		
09	SHL	iP	08	22	18		R
09	BOK	e	08	49	08		
09	BOK	e	09	19	49		
09	BOK	e	09	49	43		
09	SHL	eP	09	58	08		
09	NDI	iP	09	59	29		
09	SHL	iP	10	32	37		C
09	BOK	e	11	26	34		
09	Epc: 34.8°N, 80.2°E H = 15h 06m 28.4s. Depth 33 km. Mag. 4.5 (CGS).						
	DDI	iP	15	07	44		
	BHK	eP	15	07	47.8		
		e		07	52.6		
		i		07	55.4		
		i		08	32		
		i		09	04.4		
	NDI	eP	15	08	06		710
		iS		09	20		

DATE	STN	PHASE	H.	M.	S.	△ km	
09	CHA	iP	15	08	51		C
Contd	SHL	iP	15	09	37		C
	POO	eP	15	10	26		
09	SHL	iP	15	53	09		C
09	NDI	eP	16	02	52		
	DDI	eP	16	02	11		
09	SHL	eP	17	20	05		
09	SHL	iP	22	46	18		C
		i		46	57		
09	Epc: 7.4°S, 108.4°E. Java. H = 23h 13m 52s. Depth 148 km. Mag. 5.6 (CGS).						
	PBA	ePP	23	19	36		
		i		23	02		
		i		23	15		
	VIS	eP	23	20	35		
	KOD	iP	23	20	37		3960
		iS		26	02		
	SHL	iP	23	20	42	R	R
		i		26	41		
	CHA	iP	23	21	10		C
	POO	eP	23	21	34		
	MDR	e	23	21	51		
		i		22	15		
		iS		25	45		
	NDI	eP	23	22	04		
09	CHA	iP	23	26	54		C
09	NDI	iP	23	27	20		R 790
		iS		28	42		
10	POO	eP	02	19	07		
10	Epc: 32.2°N, 137.5°E. South of Honshu. Japan, felt in Tokyo. H= 04h 26m 19.6s. Depth 382 km. Mag. 5.5-5.9 (Brk), 5.6 (CGS).						
	SHL	iP	04	33	23		R 4360
		eS		38	55		
	CHA	iP	04	33	53		R
	BOK	iP	04	34	09		SWC
		iS		40	23		
		PS		40	32		
		SS		43	19		
	PBA	eP	04	34	09		3970
		iS		40	24		
	DDI	iP	04	34	40		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
10	VIS	iP	04	34	45	ER	5630
		iS		41	32		
	BHK	iP	04	34	47	R	
		i		36	10		
		PP		36	46		
		PPP		38	42		
	BOM	iP	04	35	42	NER	6590
		PP		37	46		
		iS		43	20		
		PS		43	28		
		e		44	51		
	NDI	iP	04	34	50	NER	5670
		PP		36	50		
		i		39	15		
		iS		41	39		
	MDR	iP	04	35	19	W	6220
		PcP		36	34		
		PP		37	18		
		iS		42	38		
		ScS		44	28		
	POO	iP	04	35	38		
	KOD	iP	04	35	46	NER	
10	BOK	e	08	13	34		
10	BOK	e	08	36	17		
10	BOK	e	09	43	44		
10	SHL	iP	11	03	25	R	
10	NDI	e	11	25	18		
10	POO	eP	12	01	57		
10	SHL	iP	12	49	29	C	
	DDI	eP	12	51	10		
	NDI	eP	12	51	10		
	POO	eP	12	51	14		
10	NDI	eP	16	32	10		
10	CHA	iP	17	17	57	C	190
		iS		18	20		
10	SHL	eP	17	18	11		
10	SHL	iP	18	19	38	R	
10	SHL	iP	18	47	19		
10	CHA	iP	18	48	20	R	650
		iS		49	20		
10	Epc: 9.7°N, 92.8°E. H= 19h 08m 49s (New Delhi).						
	PBA	iPn	19	09	21	C	189
		PP		09	26		
		PPP		09	32		

DATE	STN	PHASE	H.	M.	S.		Δ km
10 Contd.	PBA	iSn	19	09	44		
		SS		09	54		
		SSS		10	02		
	VIS	eP	19	11	46		1280
		eS		13	57		
	SHL	iP	19	12	31	R	
	KOD	ePP	19	12	40		
	CHA	eP	19	13	00		
	NDI	e	19	14	06		
	POO	eS	19	17	16		
10	BHK	eP	20	31	31.8		504
		i		32	16		
		i		32	26		
	DDI	eP	20	31	42		
	NDI	eP	20	31	42		780
		eS		33	03		
	CHA	e	20	33	19		
10	NDI	eP	23	14	05		900
		iS2		15	38		
10	DDI	e	23	15	-		
10	SHL	iP	23	32	28	R	
11	POO	eP	00	10	55		
11	KOD	eP	00	14	10		
11	SHL	iP	00	28	03	C	
11	POO	iP	02	08	01		
	KOD	eP	02	08	06.5	EC	
	NDI	iP	02	08	09	SWC	
		i		08	12		
		i		08	39		
11	KOD	iPg	03	13	11	NEC	33
		iSg		13	15.5		
	POO	eP	03	14	53		
	MDR	e	03	15	21		220
		Pg/PP		15	27		
		eS		15	47		
		Sg		15	53		
		SSS		16	12		
	BOK	e	03	20	52		
		i		21	56		
	NDI	i	03	23	07		
11	Epc: 30.1°N, 69.9°E. Mag. 404(CGS) H= 04h 20m 20.6s. h= 32 kms.						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
11	BHK	eP	04	21	53		665
		iPg	22	22	17		
		iSg		23	39		
	NDI	iP	04	21	56	WR	690
		iSg		23	47		
	POO	eP	04	23	25		
	BOK	eP	04	23	57		
		i		28	30		
	SEH	i	04	24	35		
	SHL	iP	04	24	53	R	
	CHA	e	04	27	15		
	VIS	e	04	28	07		
		e		29	43		
	KOD	iP	04	29	53.5	E	
	MDR	e	04	29	58		
11	SHL	iP	06	19	34	R	
11	SHL	eP	06	25	49		
	NDI	eP	06	27	17		
	NDI	e		29	10		
	CHA	e	06	30	56		
11	NDI	iPg	08	02	27	NR	140
		iSg		02	43		
11	DDI	iP	08	11	10		
	NDI	iPg	08	11	21	NR	130
		iSg		11	37		
	BHK	ePn	08	11	37.8	C	239
		Pg		11	41.6		
		Sn		12	05.6		
		S*		12	08.2		
		Sg		12	11.6		
	SHL	e	08	13	38		
	POO	e	08	15	53		
11	POO	eP	09	50	15		
	NDI	e	09	50	27		
	KOD	iP	09	50	39.5	NWR	
11	SHL	iP	11	11	49	R	
11	NDI	ePg	13	58	55		130
		iSg		59	11		
11	BHK	eP	15	48	36		
	NDI	iP	15	48	36	SEC	
	CHA	iP	15	50	09	C	
	SHL	iP	15	50	51	C	
11	SHL	iP	16	49	56	C	
		e		50	21		

DATE	STN	PHASE	H.	M.	S.		Δ km
11	NDI	iP	16	55	49		
		i		55	51		
11	SHL	IP	19	03	11		
11	SHL	iP	20	03	02	C	
11	NDI	iP	20	10	01	R	
	CHA	iP	20	11	07	R	
	SHL	iP	20	11	39		
11	SHL	iP	21	18	21	C	
11	CHA	iPg	21	19	18	C	90
		iSg		19	28		
11	NDI	e	21	23	58		
12	SHL	iP	01	03	16	C	
12	SHL	iP	02	34	10	R	
12	NDI	i	03	11	35		
12	SHL	iP	04	44	55	R	
12	SHL	eP	04	57	52	R	
12	PBA	e	07	07	29		
12	DDI	iP	07	17	15		
		i		17	47		
	NDI	iP	07	18	12		
		i		18	46		
	BOK	e	08	19	06		
12	BOK	e	08	37	37		
12	DDI	iP	09	56	15		
	NDI	i	09	56	45		
12	Epc: 24.1°N, 122.6°E in Taiwan region. 7 killed, several injured and major damage in Taiwan and OKINAWA. H= 16h 31m 21.8s. Depth 63km. Mag. $7\frac{1}{2}$ - $7\frac{3}{4}$ (Pas) 7-$7\frac{1}{2}$(Brk), $7\frac{3}{4}$-8(Pal). 6.7 S.D. 1.5(CGS).						
	SHL	iP	16	37	08	R	3080
		iS		41	50		
	PBA	iP	16	37	34		3480
		PP		38	37		
		eS		42	41		
	CAL	iP	16	37	40		
	CHA	iP	16	37	46	R	3550
		PPP		39	02		
		PcP		40	28		
		iS		42	57		
		SSS		45	00		
		i		45	42		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
12	BOK	iP	16	37	58	NER	3820
		iS		43	25		
	VIS	iP	16	38	30	NER	42500
		iPP		40	01		
		iPPP		40	31		
		iS		44	25		
	DDI	iP	16	38	53		4300
		PP		40	25		
		PPP		40	55		
		iS		44	51		
		SS		47	28		
		SSS		48	06		
	NDI	iP	16	38	58	NER	4480
		i		39	09		
		i		39	38		
		PP		40	33		
		PPP		41	00		
		i		41	43		
		iS		45	06		
		PPS		45	23		
		SS		47	52		
		LQ		48	03		
		ScS		48	48		
	MDR	iP	16	39	07	W	4600
		PP		40	44		
		PPP		41	12		
		iS		45	23		
	BHK	iP	16	39	13		
		i		39	23		
	KOD	iP	16	39	36	NER	5000
		PP		41	15		
		PPP		42	04		
		PcS		45	15		
		iS		46	15		
		PS		46	30		
		PPS		46	38		
		SS		49	23		
		SSS		50	30		
	P00	iP	16	39	38		5125
		PP		41	26		
		PPP		42	08		
		eS		46	24		
		SS		49	33		
	BOM	iP	16	39	46	NER	5250
		PcP		41	16		
		PP		41	37		
		PPP		42	25		
		PcS		45	12		
		iS		46	40		
		PS		46	46		
		ScS		49	39		
		SS		50	00		
12	CHA	i	17	59	09	C	
12	CHA	iP	18	03	29	R	
12	CHA	iP	18	06	01	R	1670
		iS		08	49		
	NDI	iP	18	07	13		
	BHK	eP	18	07	18		
12	P00	iP	18	07	52		
12	CHA	iP	18	20	09		
12	NDI	e	18	21	20		
12	CHA	iP	18	24	46	C	
12	CHA	iP	18	37	16	R	
12	P00	iP	18	46	12		
	NDI	e	18	46	21		
		e		50	21		
	CHA	iP	18	46	33	R	
	NDI	e	18	47	13		
	SHL	iP	18	47	27	R	
12	SHL	iP	19	19	48	C	
	CHA	eP	19	20	04		170
		iS		20	25		
12	NDI	eP	19	21	37		
12	SHL	iP	19	28	49	C	
12	CHA	iP	19	29	28	C	
12	NDI	eP	19	30	39		
12	CHA	iP	19	35	37	C	
12	SHL	iP	20	14	39	C	
12	CHA	iP	20	15	18	C	
12	CHA	eP	20	38	11		
	NDI	eP	20	39	24		
12	SHL	iP	20	47	19	C	
	CHA	iP	20	47	58		
	NDI	eP	20	49	10		
12	SHL	eP	20	57	39		
	CHA	iP	20	58	16		
	NDI	eP	20	59	27		
12	SHL	iP	21	02	50	R	
12	CHA	iP	21	03	29	C	
12	NDI	eP	21	04	40		
		i		04	50		
12	CHA	iP	21	48	46	C	
12	CHA	eP	22	10	46		
12	CHA	iP	22	25	00	R	990
		iS		26	42		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
12	SHL	iP	23	38	55	C	
	CHA	iP	23	39	34	C	
	NDI	iP	23	40	46	C	
13	SHL	eP	00	55	00		
	NDI	iP	00	56	49	C	
13	PBA	e	02	15	24		
13	SHL	eP	03	34	53		
13	BOK	e	03	37	55		
13	SHL	iP	04	03	18	R	
13	NDI	e	04	05	09		
13	SHL	iP	04	17	07	R	
13	SHL	eP	05	01	19		
13	SHL	iP	07	27	30	R	
	NDI	eP	07	29	13		
13	SHL	iP	08	08	31	R	
	CHA	iP	08	09	10	R	
	NDI	iP	18	10	22		
	POO	eP	08	11	02		
13	SHL	iP	14	59	37	R	
	CHA	iP	15	00	14	R	
	DDI	i	15	01	25		
	NDI	iP	15	01	27	WR	
	POO	eP	15	02	07		
13	SHL	iP	16	22	36	R	
	CHA	eP	16	23	07		
13	SHL	iP	16	35	30	C	
13	NDI	eP	18	18	20	C	
13	NDI	iP	18	59	14		
13	DDI	iP	19	07	09		930
		eS		08	45		
	NDI	eP	19	07	20		970
		iS		09	00		
		i		09	32		
	SHL	iP	19	07	44	R	
	CHA	iP	19	08	19	R	
13	NDI	i	19	55	33		
13	KOD	ePg	20	31	59		178
		eSg		32	21.5		
14	SHL	iP	04	44	53		
	CHA	eP	04	45	29		1970
		iS		48	45		
14	BOK	e	04	46	05		
	NDI	eP	04	46	56		2060
		eS		50	20		
	BHK	eP	04	46	57		
	POO	eP	04	48	17		
14	SHL	eP	05	39	01		
14	SHL	eP	05	40	34		
14	CAL	e	05	48	09		
		i		52	00		
14	SHL	eP	06	46	01		
14	NDI	iP	06	47	19	C	
14	POO	eP	06	48	13		
14	SHL	eP	08	09	33		
14	BOK	i	08	44	44		
14	BOK	eP	09	26	57		
14	SHL	iP	09	27	36	C	
14	NDI	eP	09	29	26		
	POO	eP	09	30	06		
	BOK	e	09	31	10		
14	NDI	i	12	36	13		
14	SHL	iP	13	26	27	R	
	POO	eP	13	28	06		
	NDI	eP	13	28	07		
14	NDI	iP	14	17	08	C	
14	SHL	iP	14	18	42	R	
14	DDI	eP	14	47	08		
14	SHL	iP	17	57	00	C	
14	SHL	eP	19	14	56		
14	NDI	eP	19	16	47		
14	SHL	iP	21	38	59	R	
14	SHL	iP	21	45	43		
	CHA	eP	21	46	20		
	NDI	e	21	47	33		
	POO	eP	21	48	16		
14	SHL	iP	22	05	22	R	
14	CHA	iP	22	05	58	C	
14	POO	eP	22	07	01		
14	NDI	i	22	07	03		
14	SHL	iP	22	28	53	R	
14	SHL	iP	23	38	30	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
14	POO	eP	23	40	15		
15	NDI	i	03	07	22		
		i		07	30		
15	SHL	ePg	05	25	24		130
		eSg		25	40		
14	NDI	iP	06	30	02		
		i		30	27		
14	BOK	e	08	14	38		
14	BOK	e	08	45	11		
	NDI	iPg	08	46	41	SEC	40
		iSg		46	46		
15	KOD	ePn	08	58	23		333
		iSn		59	00		
15	SHL	eP	09	10	03		
15	Epc: 29.9°N, 69.7°E West Pakistan. H=09h 14m 29.3s, depth 36kms. Mag. 4.7 SD 0.7(CGS).						
	BHK	eP	09	15	56.6		670
		PP		16	03		
		PPP/P*		16	09.2		
		i		16	29.4		
		iS		17	06.8		
		i		17	09.2		
	NDI	iP	09	16	07	WR	840
		eS		17	34		
		i		19	05		
	DDI	eP	09	16	11		
		i		18	25		
		i		18	43		
	VIS	e	09	18	44		
		e		22	53		
	KOD	iP	09	24	06.5	C	
	POO	eP	09	17	20		
	BOK	eP	09	18	08		
		i		21	32		
	CHA	eS	09	21	27		
		i		23	11		
	MDR	e	09	23	05		
15	SHL	eP	10	48	50		
15	SHL	eP	10	55	45		
15	SHL	iP	11	19	48	C	
	NDI	iP	11	21	38	SWC	
	KOD	iP	11	22	16	C	
	POO	eP	11	22	14		
15	NDI	i	11	47	34		
		e		48	10		

DATE	STN	PHASE	H.	M.	S.		∠ km
15	NDI	eP	12	09	43		850
		iS		11	12		
15	POO	eP	12	14	04		
15	SHL	iP	15	52	02	C	
	CHA	iP	15	52	58	C	810
		iS		54	22		
15	SHL	eP	17	55	33		
15	SHL	iP	22	07	58	C	
15	CHA	iP	22	08	57	C	
15	SHL	iP	23	02	22	C	
15	PBA	iPn	23	18	16		244
		Sn		18	44		
		SS		18	52		
		SSS		19	04		
	POO	eP	23	20	35		
	SHL	iP	23	21	21	C	
15	KOD	eP	23	23	55		
15	POO	eP	23	26	17		
15	SHL	iP	23	37	37	C	
15	CHA	iP	23	38	13	C	
15	BOK	i	23	38	27		
15	VIS	eP	23	38	58		
	NDI	iP	23	39	27	NWC	
	KOD	iP	03	40	04.5	ER	
	POO	iP	23	40	07	C	
16	Epc: 33.1°N, 75.9°E Eastern Kashmir. H=00h 08m19s, depth 57 kms. Mag. 5.2 SD.1.9(CGS).						
	BHK	iP	00	08	46.5	SEC	220
		iS		09	08.5		
		SS		09	19.5		
	DDI	iP	00	09	13.5	C	390
		PP		09	21		
		PPP		09	29		
		LQ		09	45		
		iS		09	55.5		
		SS		10	08		
		SSS		10	21		
	NDI	iPn	00	09	29	SEC	470
		iPg		09	40		
		iSn		10	20		
		iSg		10	40		
	CHA	iP	00	11	05	R	1220
		iS		13	10		
	BOK	eP	00	11	28		
	POO	eP	00	11	41		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
16	SHL	iP	00	11	56	R	
	VIS	e	00	15	02		
		i		16	58		
	MDR	eS	00	16	32		
		e		18	51		
16	NDI	i	00	28	50		
		i		29	13		
16	NDI	e	02	29	28		
16	NDI	i	05	21	33		
16	NDI	i	06	12	30		
16	SHL	iPg	07	13	07	R	100
		iSg		13	18		
16	NDI	i	07	47	16		
16	SHL	iP	08	07	12	C	270
		iSg		07	50		
16	BOK	e	08	23	40		
16	BOK	e	08	47	35		
16	NDI	i	09	07	41		
16	BOK	e	09	21	45		
16	NDI	ee	15	58	29		
16	SHL	iP	16	50	39	C	250
		iSg		51	14		
	CHA	eP	16	51	41		760
		iS		53	00		
16	SHL	iP	17	03	46	C	
	CHA	iP	17	04	27	R	
16	Epc: 29.7°N, 69.8°E, H= 17h 40m 30.1s, depth 33 kms. Mag. 4.7(CGS).						
	BHK	iP	17	41	58.8	C	620
		iS		43	06		
		SSS		43	30		
		i		43	46		
	NDI	ePn	17	42	07		
		iSn		43	19		
		SSS		43	43		
	DDI	iP	17	42	16		
		i		44	31		
	POO	eP	17	43	30		
	CHA	eP	17	44	08		
	SHL	eP	17	45	03		
	KOD	eP	17	45	14		
	BOK	e	17	47	10		
		i		50	33		
	VIS	eP	17	48	38		

DATE	STN	PHASE	H.	M.	S.		△ km
16	MDR	e	17	50	20		
16	NDI	iP	19	51	29	R	1070
		i		51	31		
		i		51	40		
		iS		53	19		
	POO	eP	19	54	04		
	CHA	eP	19	56	55		
	CHA	eP	19	56	55		
16	PBA	e	20	44	21		
		i		44	37		
16	Epc: 9.5°N, 121.9°E. H= 20h 38m 23.5s, depth 24 kms. Mag. 5.4(CGS).						
	SHL	iP	20	44	57	R	
	CHA	iP	20	45	36	R	
	BOK	i	20	45	38		
	VIS	iP	20	45	48	ER	
		PP		47	20		
	BHK	iP	20	47	00	R	5170
		PP		48	50		
		eS		53	48		
	MDR	e	20	46	11		
		e		47	49		
		e		59	02		
	KOD	iP	20	46	33		
	NDI	iP	20	46	47	ER	
	POO	eP	20	47	00		
		e		48	54		
	BOM	iP	20	47	07	R	5420
		PP		49	01		
		iS		54	10		
16	SHL	iP	22	20	45	C	
16	CHA	iP	22	21	47	R	
		i		30	30		
16	SHL	iP	22	59	51	R	
17	PBA	e	02	22	02		
		i		22	11		
		i		22	17		
17	NDI	eP	03	56	25		1100
		eS		58	18		
17	POO	eP	04	01	02		
17	SHL	iP	04	04	28	C	
	VIS	eP	04	05	35		
	MDR	eP	04	05	53		
		e		08	03		
	KOD	iP	04	06	10.5	WC	
	NDI	iP	04	06	41	EC	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	∠	km
17	POO	eP	04	06	43		
17	SHL	iP	04	15	20	C	
17	SHL	iP	05	02	45	R	
17	Epc: 31.5°N, 82.8°E in Tibet. H= 05h 44m 50.5s. Depth 33R. Mag. 5.0 SD 1.2(CGS).						
	DDI	iP	05	45	57.5		
		iSS		47	01		
	NDI	iP	05	46	14	SR	620
		i		46	16		
		iS		47	20		
		i		47	24		
		i		47	40		
	CHA	iP	05	46	23	C	700
		iS		47	36		
	BOK	e	05	47	04		
		eS		48	18		
	SHL	iP	05	47	13		
	POO	eP	05	48	21		
		e		54	08		
	KOD	iP	05	49	47	NER	
	VIS	e	05	50	29		
17	MDR	e	05	52	27		
		e		54	50		
17	NDI	i	08	15	09		
	SHL	iP	08	15	31	C	
17	SHL	iP	08	45	13	C	
	KOD	iP	08	46	48.5	ER	
		e		48	27		
	NDI	iP	08	47	03	SC	
	POO	eP	08	47	15		
17	SHL	iP	09	00	45	R	
17	SHL	iP	09	56	49	C	
17	SHL	eP	14	52	05		
17	Epc: 21.1S, 179.2W Fiji Island region. H= 15h 50m 32.2s. Depth 626 R Kms(R). Mag. $6\frac{3}{4}$(Pas) 6.2(CGS).						
	PBA	iP	16	02	38	C	10260
		iSKS		12	15		
	SHL	iP	16	03	03	R	10830
		e		07	44		
		iSKS		12	40		
		iS		13	33		
		SS		20	46		

DATE	STN	PHASE	H.	M.	S.	∠	km
17	CHA	iP	16	03	25	C	
		i		07	43		
	KOD	e	16	03	44	R	
		iSKS		13	22		
	NDI	e	16	04	04		
	MDR	e	16	06	15		
		e		13	12		
		e		14	35		
	VIS	e	16	06	19		
		i		13	02		
	BOK	e	16	06	54		
		e		13	03		
	NDI	i	16	07	56	WR	
		i		10	34		
		e		13	38		
		e		15	30		
		e		21	18		
		e		22	32		
		e		23	48		
	POO	eP	16	07	57		
		e		08	44		
	BHK	e	16	07	56		
		i		08	22		
17	SHL	iP	19	45	47	C	
17	NDI	eP	21	57	33		
17	NDI	i	23	02	17		
18	KOD	ePn	01	26	23		555
		iSn		27	23		
18	KOD	eP	01	31	26		555
		iSn		32	26		
18	SHL	iP	04	40	20	R	
18	BOK	i	07	59	11		
18	Epc: 29.8°N, 69.9°E in West Pakistan. H= 10h 44m 09s, depth 33kms Mag. 4.7 (CGS).						
	BHK	eP	10	45	35.8	R	610
		i		45	38.2		
		Pg		45	58.6		
		iS		46	42		
		i		46	44.4		
		SS		46	51.2		
		SSS		47	03		
	DDI	eP	10	45	53		
		i		48	08		
	NDI	ePn	10	45	58		690
		iSn		46	58		
		S*		47	15		
		Sg		47	41		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
18	POO	eP	10	47	03		
	BOK	eP	10	47	44		
		i		51	14		
	SEH	i	10	48	15		
	SHL	iP	10	48	41	C	
	CHA	e	10	50	35		
	VIS	e	10	51	50		
		e		53	03		
	MDR	e	10	54	01		
		e		54	21		
18	SHL	iP	14	25	36	C	
	POO	eP	14	27	02		
18	SHL	eP	15	35	13		
	CHA	eP	15	35	44		
18	NDI	ePn	16	34	18		201
		eSn		34	42		
	POO	e	16	38	16		
18	POO	eP	17	14	55		
	SHL	iP	17	15	51	R	
	CHA	eP	17	16	41		
18	SHL	iP	18	23	28	C	
	CHA	iP	18	23	34	C	
	NDI	eP	18	23	40		
18	SHL	iP	19	20	36	C	
	CHA	iP	19	20	44	C	290
		iS		21	17		
	BOK	e	19	22	17		
18	CHA	iP	20	06	48	C	170
		iS		07	09		
18	NDI	i	21	14	22		
18	NDI	i	22	14	43		
19	NDI	i	00	13	08		
19	HYD	eP	01	51	46		5770
		iS		59	09		
		SS	02	01	49		
	BHA	iP	01	52	04		4830
		iS		59	38		
19	SHL	iP	05	32	45	C	
	CHA	iP	05	32	58	C	350
		iS		33	36		
19	SHL	iP	08	20	13	R	
	NDI	iP	08	21	20	SWC	
		i		21	35		
	POO	eP	08	22	19		

DATE	STN	PHASE	H.	M.	S.		△ km
19	BOK	e	09	12	43		
19	SHL	iP	12	53	43	C	
	POO	eP	12	54	14		
19	SHL	iP	13	54	03	R	
	NDI	eP	13	55	13		
19	POO	eP	15	04	25		
19	SHL	iP	17	04	41	C	2620
		iS		08	53		
	CHA	iP	17	05	11	C	
	NDI	eP	17	06	12		
	BOK	e	17	06	20		
19	POO	eP	17	21	38		
19	Epc: 52.7°S, 19.9°E. H= 17h 16m 40.9s, depth 33kms Mag. 5.4 (CGS).						
	KOD	iP	17	28	48		
	POO	iP	17	29	14		
		ePP		32	42		
		e		40	46		
	BOM	eP	17	29	15		
		e		29	23		
	MDR	e	17	29	24		
		e		40	12		
	PBA	e	17	29	36		
	NDI	e	17	30	03		
	CHA	eP	17	30	16		
	SHL	iP	17	50	28		
19	CHA	eP	17	50	55		
19	SHL	iP	23	31	07	R	
20	NDI	i	01	49	10		
20	NDI	i	01	49	21		
20	Epc: 0.6°N, 32.2°E UGANDA More than 100 dead. Extensive damage to buildings at fort portal and nearby areas, felt in Western Uganda. h=36 km(R) H = 01h 42m 49.9s. Mag. 6¾-7 (Pas),6.4-6.6(Brk),7-7¼(Pal), 6.1(CGS).						
	BOM	iP	01	51	12	SWR	5190
		i		51	21		
		PP		53	01		
		eS		58	02		
		PS		58	09		
		SS	02	01	18		
		LQ		01	43		
		SSS		02	19		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
20	POO	eP	01	51	17		5190
		PcP		52	46		
		PP		53	07		
		PPP		53	52		
		iS		58	07		
		PS		58	14		
		SS	02	01	26		
		LQ		02	50		
		SSS		03	08		
	KOD	eP	01	51	33		5420
		PcP		53	08		
		PP		53	29		
		PPP		54	20		
		PcS		56	09		
		iS		58	36		
		PS		58	40		
		ScS	02	01	28		
		SS		01	56		
		SSS		03	04		
	MDR	iP	01	51	54	E	5840
		PP		53	52		
		PPP		55	01		
		PcS/ScP		57	07		
		iS		59	20		
		PS		59	33		
	SEH	iP	01	52	00		
		i		52	07		
		i		54	26		
	NDI	i	01	52	03		5970
		iP		52	07	SWR	
		i		52	29		
		PcP		53	02		
		PP		54	12		
		PPP		55	08		
		PcS/ScP		57	12		
		iS		59	40		
		PPS		59	49		
		SS	02	03	16		
	DDI	iP	01	52	18	NC	6220
		ePP		53	26		
		ePPP		54	34		
		iS	02	00	06		
		i		00	37		
		eSS		03	26		
		eSSS		05	11		
	VIS	iP	01	52	24		6320
		iPcP		53	05		
		iPP		54	32		
		iPPP		55	59		
		iS	02	00	21		
		iSS		04	11		
		iSSS		06	37		
	BOK	iP	01	52	49	NE	6580
		PP		55	06		
		PPP		56	29		
		iS	02	00	56		
	CHA	iP	01	53	03	C	6720
		iS	02	01	18		
20	CAL	iP	01	53	05		
	PBA	iP	01	53	21	R	6950
		PP		55	39		
		PPP		57	09		
		eS	02	01	48		
		PS		02	09		
		PPS		02	20		
		SS		05	51		
	SHL	eP	01	53	25		
		i		56	12		
	TOC	eS	02	02	42		
20	NDI	iP	02	48	57	C	
20	NDI	e	03	07	52		
20	NDI	iP	03	32	03	C	
	SHL	iP	03	33	22	C	
20	NDI	i	04	25	05		
		i		25	08		
20	NDI	iP	05	54	45	SEC	2420
		eS		58	42		
		e	06	01	27		
	CHA	iP	05	55	17		
	SHL	iP	05	55	37	C	
	BOK	e	05	55	40		
	TOC	e	05	55	43		
	POO	iP	05	56	22	C	
	VIS	iP	05	56	29	C	
	KOD	iP	05	57	32	SEC	
	PBA	e	05	57	35		
20	SHL	iP	08	01	27	C	
20	NDI	iP	09	04	55	C	
	SHL	eP	10	07	34		
	KOD	iP	10	07	18	EC	
	POO	eP	10	08	20		
20	NDI	iP	10	08	55	SER	
20	NDI	eP	10	15	30		
20	NDI	iP	11	30	46	SER	
20	NDI	eP	11	36	34		
	SHL	iP	11	38	41	C	
20	SHL	iP	15	57	26	R	140
		iSg		57	44		
	CHA	iP	15	57	47	C	430
		iS		58	34		
20	SHL	eP	16	16	08		
	CHA	iP	16	16	43	R	
	KOD	iP	16	16	52	NWC	
20	POO	eP	16	21	05		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ km	
20	NDI	eP	16	21	57		R
20	NDI	iP	17	07	12		
20	NDI	e	17	13	50		
20	SHL	iP	17	33	51		R
	CHA	iP	17	34	29		R
	NDI	eP	17	35	41		
	P00	eP	17	36	02		
20	SHL	iP	18	21	27		R
20	SHL	iP	22	18	19		C
	TOC	e	22	19	03		
21	SHL	iP	00	08	48		R
21	NDI	eP	00	10	38		WC
21	NDI	iP	01	39	58		NER
	SHL	iP	01	41	18		R
21	SHL	eP	01	47	24		
21	NDI	i	05	43	53		
21	PBA	i	06	20	58		
		i		21	02		
21	SHL	iP	06	35	39		C
	BOK	i	06	36	29		
21	NDI	iP	06	37	22		EC
	P00	iP	06	38	06		C
	KOD	iP	06	38	06		NEC
21	BOK	e	07	36	08		
21	NDI	e	06	43	10		
		i		44	04		
21	BOK	e	08	19	22		
21	BOK	e	08	40	42		
21	BOK	e	08	50	12		
21	NDI	iP	09	33	09		WR
21	NDI	e	13	45	40		
21	DDI	iP	14	19	53		
		i		50	29		
	NDI	eP	14	20	12		530
		i		20	20		
		iS		21	09		
	BHK	eP	14	20	14		
		e		20	58		
	SHL	iP	14	21	52		C
	P00	eP	14	22	28		
21	SHL	eP	14	47	58		
21	SHL	iP	16	09	53		C
	CHA	iP	16	10	26		C
	NDI	eP	16	11	22		WC
21	P00	eP	16	11	26		
21	SHL	iP	17	49	59		C
	CHA	iP	17	50	20		R
21	SHL	iP	18	07	54		C
	NDI	i	18	08	50		
21	SHL	iP	19	53	42		C
	NDI	eP	19	55	12		
21	SHL	iP	20	43	17		C
21	SHL	iP	22	42	21		R
21	SHL	iP	22	57	39		C
	NDI	iP	22	59	20		
22	SHL	iP	03	09	01		R
22	NDI	i	03	32	17		
22	NDI	iPg	05	12	33		NEC 22
		iSg		12	35		
22	SHL	eP	05	42	41		
22	SHL	eP	06	02	48		
22	KOD	iP	06	35	43.5		NEC

22 Epc: 37.5°N, 115.0°E Northeastern China. H= 08h 11m 33.7s, depth 11 kms. Mag. 5.8-6.2(Brk), 6.2(CGS).

DATE	STN	PHASE	H.	M.	S.	Δ km	
22	TOC	eP	08	16	19.5		
		e		23	41		
	SHL	iP	08	16	48		R 2550
		PP		17	13		
		PPP		17	23		
		iS		20	45		
	CHA	iP	08	17	09		C 2910
		iS		21	40		
		i		25	06		
	CAL	iP	08	17	27		3265
		iS		22	21		
	BOK	iP	08	17	32		3290
		iS		22	27		
		SS		23	57		
	DDI	iP	08	17	58		
		e		25	53		
		i		28	50		
	NDI	iP	08	18	09		WR 3550
		i		18	25		
		eS		23	20		
		e		23	31		
		e		24	04		
		SSS		25	27		
	PBA	eP	08	18	09		R
	BHK	iP	08	18	05		3420
		PP		19	23		
		iS		23	21		
		SS		55	11		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
22	VIS	iP	08	18	22	EC	3750
		iS		23	46		
	SEH	iP	08	18	36		
		i		26	31		
	HYD	eP	08	18	43		4300
		iS		24	40		
		SS		26	49		
		SSS		28	07		
	MDR	iP	18	19	08	E	4360
		PP		20	39		
		PPP		21	01		
		eS		25	09		
		LQ		28	01		
		SSS		28	26		
	P00	iP	08	19	15	C	4490
		PP		20	54		
		eS		25	24		
	BOM	eP	08	19	21		4555
		e		19	29		
		PPP		21	01		
		e		21	06		
		PcS		25	12		
		iS		25	34		
		PS		25	40		
		PPS		25	48		
	KOD	iP	08	19	40	NEC	4945
		PP		21	26		
		iS		26	16		
		PS		26	15		
		PPS		26	23		
		SS		29	16		
		ScS		29	33		
		LQ		29	54		
		SSS		30	10		
		LR		32	00		
		m		36	07		

22 Epc: 37.5N, 115.1°E Northeastern China. Several Camaths and Major property damage.
H = 08h 19m 33.8s, depth 33 kms (R)
Mag. $6\frac{3}{4}$-7(Pas), 6.5-6.8(Brk), $7\frac{1}{4}$-$7\frac{1}{2}$(Pal), 6.0 SD 1.2(CGS).

	NDI	iP	08	26	05	WR	3590
		e		29	06		
		eS		31	19		
	PBA	iP	08	26	06	R	3645
		PP		27	17		
		eS		31	23		
	MDR	iP	08	27	07	E	4410
		PPP		29	05		
		iS		33	11		
		SS		35	58		
	P00	iP	08	27	12		4490
		PP		28	48		
22 Contd.	P00	PPP	08	29	14		
		eS		33	20		
		SS		36	15		
	BOM	iP	08	27	17	NER	4555
		PP		28	55		
		e		29	05		
		PcS		33	08		
		iS		33	30		
		PS		33	35		
		PPS		33	43		
22	PBA	ePg	08	45	39		45
		eSg		45	44		
22	NDI	eP	08	52	25		
22	PBA	e	08	52	26		
22	NDI	eP	08	54	17		
22	NDI	i	09	54	05		
22	SHL	iP	11	13	41	C	
	CHA	iP	11	14	11	R	
	NDI	iP	11	15	09	NWR	
	P00	eP	11	16	16		
	KOD	iP	11	16	40	NEC	
22	SHL	iP	11	42	32	C	
22	SHL	eP	12	13	07		
	NDI	e	12	14	35		
22	SHL	iP	14	35	11	C	
22	SHL	iP	14	59	44	C	
	CHA	eP	15	00	45		670
		iS		01	55		
22	NDI	eP	15	08	32		1170
		eS		10	32		
22	SHL	eP	16	44	13		
22	NDI	e	19	11	34	SWC	
		i		13	16		
22	CHA	iP	19	13	07	C	
	SHL	iP	19	13	51	C	
22	SHL	eP	20	16	00		
22	SHL	iP	21	30	22	C	
22	CHA	iP	21	37	56	C	550
		iS		38	54		
	SHL	iP	21	38	34	R	
	NDI	eP	21	38	42		920
		iS		40	17		
22	P00	eP	22	43	29		
	NDI	eP	22	43	39		1030
		eS		45	25		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
22	CHA	eP	22	45	26		
	SHL	iP	22	46	16	C	
	MDR	e	22	49	27		
22	SHL	iP	23	02	17	C	
	CHA	iP	23	02	50	C	
22	NDI	i	23	18	17		
		i		18	25		
23	Epc: 23.8°N, 122.8°E Taiwan Region. H= 00h 04m 34.7s. Depth 51 kms. Mag. 6 (Pas), 5.5-5.9 (Brk) 6-6¼ (Pal).						
	TOC	eP	00	10	14		
		e		14	33		
		e		15	26		
	SHL	iP	00	10	25	R	3050
		PP		11	14		
		PPP		11	30		
		iS		15	05		
	PBA	eP	00	10	51	C	3445
		PP		11	55		
		PPP		12	05		
		iS		15	51		
		SS		17	52		
	CHA	iP	00	11	04		3510
		iS		16	13		
	BOK	iP	00	11	15	W	3700
		iS		16	35		
		SS		18	35		
		SSS		19	00		
	VIS	iP	00	11	47	ER	4120
		iPP		13	19		
		iS		17	34		
		eSS		20	29		
	DDI	iP	00	12	11		4450
		PP		13	45		
		PPP		14	04		
		iS		18	17		
		SS		20	51		
		SSS		21	29		
	NDI	iP	00	12	14	WC	4480
		i		12	26		
		PP		14	02		
		ee		18	18		
		iS		18	23		
		i		18	40		
		i		19	00		
		i		19	06		
		i		20	08		
		SS		21	15		
		SSS		21	30		
23	MDR	iP	00	12	23	W	4570
		PP		13	59		
		PPP		14	29		
		iS		18	37		
		LQ		21	49		
		SSS		22	07		
	SEH	i	00	12	28		
		e		14	24		
	BHA	e	05	58	04		
	KOD	iP	00	12	52	NER	5035
		PcP		14	26		
		PP		14	35		
		PPP		15	20		
		PcS		18	11		
		iS		19	32		
		PS		19	36		
		PPS		19	45		
		ScS		22	34		
		SS		22	44		
		SSS		23	50		
	POO	iP	00	12	53.5		5030
		i		15	09		
		e		19	34		
		i		20	02		
		e		23	32		
	BOM	iP	00	13	02	WC	5140
		e		13	06		
		PcP		14	37		
		e		15	05		
		e		15	27		
		PPP		15	35		
		e		18	27		
		iS		19	50		
		PS		19	56		
		PPS		20	03		
		e		23	18		
23	NDI	e	03	46	29		
23	POO	iP	04	31	12.1	C	
	NDI	eP	04	31	25		
		i		31	47		
	SHL	iP	04	31	35	C	
23	BOK	e	08	04	35		
23	SHL	eP	08	35	18		
23	CHA	iP	09	52	49	C	560
		iS		55	48		
	SHL	eP	09	54	50		
	NDI	eP	09	55	11		
23	SHL	eP	12	21	20		
23	KOD	eP	12	25	11		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
23	NDI	i	14	43	22		
23	SHL	iP	17	33	04	C	
	CHA	iP	17	33	34	R	
	NDI	eP	17	34	32		
	POO	eP	17	35	40		
	KOD	iP	17	36	02.5	NEC	
23	SHL	iP	19	20	31	C	
23	SHL	iP	20	02	23	C	
23	SHL	iP	21	57	37	C	
	NDI	eP	21	59	35		
23	NDI	i	22	16	35		
		i		17	13		
23	Epc: 25.3°N, 96.3°E. H= 22h 52m 27s (New Delhi).						
	SHL	eP	22	52	53		150
		PP		55	58		
		iSg		53	12		
	CHA	iP	22	53	14	C	310
		iS		53	49		
		i		53	57		
	TOC	e	22	53	36		
		eS		54	22		
	BOK	e	22	53	41		
		i		53	44		
		i		54	45		
	CAL	i	22	53	46		400
		e		54	29		
	NDI	eP	22	55	13		
		i		57	17		
	POO	eP	22	56	19		
	VIS	i	22	56	46	C	
		i		57	51		
	KOD	eS	23	00	08		
23	PBA	e	23	26	48		
		e		27	47		
		i		27	56		
		i		28	01		
	MDR	e	23	28	21		
	VIS	eP	23	28	32	R	
	KOD	iP	23	28	37.5		1800
		iS		31	37		
	SHL	iP	23	29	19	C	
	CHA	iP	23	29	44	R	2850
		eS		34	10		
	POO	eP	23	29	51		

DATE	STN	PHASE	H.	M.	S.		△ km
23	NDI	iP	23	30	33	SWC	
24	NDI	i	00	54	49		
24	SHL	iP	01	06	51	R	
24	NDI	eP	01	08	26		
24	SHL	iP	03	13	23	C	
24	CHA	iP	03	13	43	C	450
		iS		14	31		
	BOK	e	03	14	15		
	TOC	e	03	14	51		
	NDI	e	03	17	48		
	POO	eP	03	21	19.5		
24	BOK	e	07	56	07		
24	BOK	e	08	29	28		
24	SHL	iP	08	40	12	C	
	CHA	iP	08	40	35	C	2900
		iS		45	05		
24	KOD	iP	08	40	57.5	SEC	
	NDI	iP	08	41	15	WR	
	POO	iP	08	41	19.5	C	
24	BOK	e	08	57	11		
23	BOK	e	09	31	51		
23	SHL	eP	10	23	39		
24	SHL	iP	11	23	09	R	
24	NDI	i	11	33	30		
24	SHL	eP	12	21	11		
24	SHL	iP	13	13	12	C	
	NDI	e	13	14	41		
24	MDR	e	14	49	50		
24	SHL	iP	17	44	03	C	
24	SHL	iP	17	54	08		
24	SHL	iP	20	10	03	C	
	KOD	iP	20	10	05.5	SEC	
	POO	iP	21	11	01.5	C	
	NDI	iP	20	11	29	SWC	29
		e		18	40		
24	SHL	iP	21	29	54	C	
24	MDR	e	23	42	38		
25	NDI	iP	02	01	47	C	25
		iSg		01	50		
25	SHL	eP	05	10	35		
25	BHK	e	05	58	04		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
25	NDI	eP	05	58	04		910
		iS		59	37		
25	POO	eP	06	02	42		
25	SHL	iP	06	22	08	R	
25	SHL	iP	06	38	25	C	
25	POO	eP	07	41	08		
25	BOK	e	08	10	00		
25	BOK	e	08	35	08		
25	NDI	ePn	08	41	00		261
		iSn		41	30		
25	SHL	iP	09	06	02	C	
25	KOD	iP	09	07	07.5	EC	
	NDI	eP	09	07	32		
	POO	eP	09	07	37		
25	NDI	i	09	16	58		
25	BOK	i	10	25	17		
25	NDI	i	11	11	03		
25	SHL	iP	11	26	09	C	
25	SHL	eP	13	06	05		
	NDI	e	13	06	38		
25	POO	eP	14	53	38		
25	NDI	eP	17	09	58		
	SHL	iP	17	11	30	R	
25	NDI	i	23	10	01		
25	NDI	i	23	25	04		
26	CHA	iP	00	07	35	C	
	SHL	iP	00	08	25	C	
		e		09	35		
	NDI	eP	00	08	49	C	780
		iS		10	10		
	BOK	e	00	09	08		
26	NDI	ePg	00	34	19		34
		iSg		34	23		
26	SHL	iP	02	32	28	R	
26	SHL	eP	02	58	07		
26	SHL	iP	09	36	43	R	
	TOC	e	09	36	44.6		
26	NDI	i	12	40	26		
		i		40	37		
26	NDI	eP	12	56	41		1110
		eS		58	35		
26	SHL	iP	13	44	02	R	
26	SHL	iP	13	47	36	R	
26	NDI	i	14	12	34		
		i		12	40		
26	CHA	iP	14	15	33	R	
26	NDI	eP	14	16	45		
		i		18	49		
	KOD	iP	14	17	07		
	POO	iP	14	17	17.5		
26	NDI	eP	14	26	29		
26	SHL	iP	15	19	37	R	
	CHA	iP	15	20	07	C	
	NDI	e	15	21	04		

26 Epc: 37.6°N, 115.2°E
Northeastern China.
H= 15h 19m 03.2s.
Depth 33 kms (R).
Mag. 5.4-5.6(Brk),
6-6¼(Pal). 5.5SD 1.5(CGS).

	TOC	eP	15	23	46.5		
	SHL	iP	15	24	07	R	
		PPP		24	43		
		i		28	20		
		i		31	40		
	CHA	iP	15	24	35	R	2930
		iS		29	07		
		ScS		35	26		
	CAL	eP	15	24	57		3110
		iS		29	41		
		SS		30	01		
	BOK	iP	15	24	57	W	3220
		iS		29	48		
		SS		31	09		
		SSS		31	30		
	DDI	iP	15	25	22		3630
		iS		30	32		
		i		33	29		
	BHA	iP	15	25	31	R	3700
		S		30	51		
		PcS		31	52		
		SS/LQ		32	43		
		SSS		33	19		
		ScS		36	03		
	NDI	iP	15	25	34	R	3750
		eS		30	52		
		PcS/ScP		31	36		
		SSS		33	06		
	PBA	iP	15	25	35		
		i		25	48		
		i		26	35		
	VIS	iP	15	25	51	ER	3890
		iS		31	23		

DATE	STN	PHASE	H.	M.	S.		Δ km
26	MDR	eP	15	26	36		4490
		PP		28	11		
		eS		32	45		
	POO	eP	15	26	42		4680
		PP		28	22		
		eS		33	03		
		e		36	08		
		e		40	22		
	BOM	eP	15	26	48		4650
		e		28	32		
		PcS		32	33		
		eS		33	07		
		PPS		33	16		
	KOD	iP	15	27	06	SWR	4910
		PP		28	49		
		PP		33	44		
		iS		33	40		
		PPS		33	50		
		SS		36	42		
		ScS		36	55		
		LQ		37	26		
		SSS		37	42		
26	NDI	eP	16	37	54		
	SHL	iP	17	38	38	R	

26 Epc: 37.7°N, 114.9°E North Eastern China. H= 18h 14m 23s, depth 33 km (R). Mag. 5½-5¾(Pal), 4.9 SD 1.5(CGS).

DATE	STN	PHASE	H.	M.	S.		Δ km
	TOC	eP	18	19	04		
	SHL	iP	18	19	26	R	2780
		PP		20	02		
		iiS		23	42		
		SSS		24	49		
	CHA	iP	18	19	57	R	2990
		iS		24	33		
26	BOK	e	18	20	17		
	NDI	eP	18	20	53	SR	
		e		32	34		
	MDR	eP	18	21	54		4510
		PP		23	28		
		eS		28	02		
	KOD	iP	18	22	25		
	CAL	e	18	25	20		
		i		31	39		
	BHK	e	18	26	12		
		i		33	15		
		i		34	05		

26 Epc: 29.9°N, 69.7°E H= 18h 51m 10.1s. Depth 36kms. Mag. 4.0(CGS).

DATE	STN	PHASE	H.	M.	S.		Δ km
26	NDI	iP	18	52	49	C	950
		i		53	01		
		iS		54	26		
	DDI	eP	18	52	55		
		i		55	12		
	CHA	eP	18	54	50		
	BOK	eP	18	54	58		
		i		59	30		
	SHL	iP	18	55	43	R	
	POO	eP	18	55	55		
	SEH	i	18	56	14		
	BHK	e	18	57	05.2		367
		e		57	45.8		
	VTS	eP	19	00	20		
	MDR	e	19	01	23		
26	NDI	e	20	36	00		
26	SHL	iP	22	23	42	R	
26	NDI	i	22	25	05		
26	SHL	eP	22	48	26		
		e		49	23		
	CHA	iPg	22	48	52	C	110
		iSg		49	05		
26	SHL	iP	23	12	23	C	
26	SHL	iP	23	39	04	R	
27	CHA	iP	00	21	45	R	580
		iS		22	46		
	SHL	iP	00	21	45	C	
	NDI	eP	00	23	09		1150
		eS		25	07		
	BOK	e	00	23	17		
		i		24	19		
27	NDI	eP	01	46	16		
27	NDI	i	02	11	42		
27	POO	iP	02	18	22.7		
27	KOD	eP	03	38	26	NR	
	SHL	iP	03	38	39	C	
	NDI	eP	03	39	59	R	
27	NDI	e	03	47	04		
27	SHL	iP	04	29	49	R	
	NDI	iP	04	31	39	R	
27	SHL	iP	06	37	20	R	
27	SHL	iP	07	05	19	C	

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DATE	STN	PHASE	H.	M.	S.		∠ km
27	SHL	iP	08	07	29	C	
27	POO	eP	08	39	27		
27	MDR	e	10	46	40		
27	SHL	iP	13	33	51	R	
27	NDI	iP	13	35	34	C	
27	SHL	iP	14	26	36	C	
27	NDI	iP	15	12	54	C	
		i		12	56		
27	PBA	i	15	40	02		
27	SHL	iP	15	57	07	R	
27	SHL	iP	18	16	54		
27	KOD	eP	19	11	31	C	
27	NDI	eP	19	13	04	R	
	POO	eP	19	13	12		
	SHL	iP	19	13	15	C	
	BOK	i	19	13	18		
	PBA	i	19	13	39		
27	NDI	e	19	16	38		
27	NDI	eP	20	48	12		
27	SHL	iP	21	02	23	C	
	NDI	eP	21	03	50		
27	SHL	eP	22	19	00		
27	SHL	iP	22	43	18		
27	SHL	iPg	22	52	14	R	110
		iSg		52	27		
27	SHL	iP	23	32	16	R	
28	NDI	i	00	16	50		
28	MDR	e	02	46	49		
	MDR	e	02	48	05		
28	SHL	iP	03	31	29	C	
	NDI	eP	03	32	59	R	
28	SHL	iP	04	12	11		
28	PBA	iPg	04	23	44		27
		iSg		23	47		
28	PBA	i	04	52	32	C	
	POO	iP	04	53	10	C	
28	SHL	iP	04	54	09	C	
	NDI	eP	04	54	20	SR	
28	PBA	iPg	07	15	56		45
		eSg		16	01		

DATE	STN	PHASE	H.	M.	S.		∠ km
28	NDI	i	08	25	53		
		i		25	56		
28	BOK	e	09	48	17		
28	SHL	iP	09	53	35	R	
28	BOK	e	09	57	26		
28	SHL	eP	10	16	21		
28	POO	iP	11	31	55.5		
28	SHL	iP	14	08	09	C	
28	KOD	iP	14	14	18.5	NEC	
28	NDI	i	14	48	47		
28	BHK	iP	15	48	57	C	
	NDI	eP	15	49	03		
	POO	eP	15	49	07		
	SHL	iP	15	49	15	C	
	PBA	e	15	49	27		
		i		50	43		
		i		56	11		
28	SHL	iP	15	54	46	C	
		i		16	01	45	
	BOK	e	15	55	27		
	NDI	eP	15	56	16		
	KOD	iP	15	56	39	C	
	POO	eP	15	56	45		
28	SHL	eP	16	04	30		
		e		05	46		
	NDI	eP	16	04	31		
	TOC	eP	16	04	35		
28	SHL	iP	16	12	04	R	
	NDI	iP	16	13	32	SER	
	POO	iP	16	14	15.4		
28	BHK	iP	17	02	52	C	
28	NDI	iP	17	11	57	SEC	970
		iS		13	36		
28	SHL	iP	17	14	15	R	
28	NDI	eP	18	02	27	R	
	POO	eP	18	02	38		
	SHL	iP	18	02	40	R	
28	SHL	iP	18	15	37	C	330
		PPP		15	46		
		iS		16	13		
	TOC	e	18	15	51.4		
		e		16	39		

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DATE	STN	PHASE	H.	M.	S.		∠ km
28	SHL	iP	18	47	04	C	
28	SHL	iP	20	54	03	C	
28	SHL	iP	22	59	47	C	170
		iSg	23	00	09		
28	TOC	e	23	00	18		
		i		00	23		
28	NDI	eP	23	19	35		
29	SHL	iP	02	23	25		
29	Epc: 23.7°N, 142.1°E Volcono Islands region. Mag. 5½(Pal),5.9 SD 6(CGS) H=02h 17m 38.5s. h=79 kms.						
	SHL	iP	02	25	52	C	5000
		iS		32	26		
		PS		32	33		
		SS		35	37		
		LQ		36	27		
		SSS		36	42		
	CHA	eP	02	26	29		5310
		iS		33	26		
		ScS		36	04		
	VIS	iP	02	27	06	WC	
	NDI	iP	02	27	24	WC	6280
		i		27	50		
		iS		35	15		
		e		35	40		
		i		37	02		
	MDR	iP	02	27	36	E	6480
		eS		35	38		
	KOD	iP	02	27	59.5		
	POO	eP	02	28	02		
	BOM	eP	02	28	08		7000
		e		28	30		
		e		32	40		
		eS		36	38		
		PS		36	55		
		e		37	49		
	TOC	e	02	31	55		
29	SHL	iP	03	17	01	C	
29	SHL	iP	04	12	10	C	
	CHA	iP	04	12	36	C	
	NDI	eP	04	13	28		
29	Epc: 37.4°N, 114.9°E Northeastern China. H=06h 12m 00.4s. Depth 34kms. Mag. 5.5 S.D. 1.2(CGS).						
	TOC	e	06	16	43		
		e		22	42		
	SHL	iP	06	17	03	R	2780
		iS		21	12		
		SSS		22	21		
29	POO	iP	06	17	34	R	2860
		iS		22	01		
		LQ		22	51		
		SSS		23	27		
	CAL	eP	06	17	51		3150
		iS		22	38		
	BOK	iP	06	17	55	SWC	3120
		eS		22	40		
		SS		24	03		
		SSS		24	20		
	DDI	eP	06	18	19		
		i		29	31		
	BHK	iP	06	18	29	R	3620
		eS		23	45		
	NDI	iP	06	18	30		3570
		i		18	33		
		eS		23	43		
	VIS	iP	06	18	46	ER	3780
		iS		24	11		
	MDR	eP	06	19	33		4390
		PP		21	06		
		eS		25	36		
	BOM	eP	06	19	46		4590
		e		21	28		
		eS		26	01		
		PS		29	15		
		SSS		29	36		
	KOD	eP	06	19	57		
29	NDI	i	06	40	00		
29	BOK	e	08	59	17		
29	BOK	eP	09	14	50		
29	BOK	eP	10	02	19		
29	NDI	eP	10	09	00		
		i		09	39		
29	NDI	ePn	10	22	16		300
		eSn		22	49		
29	SHL	iP	10	25	25	R	
29	TOC	e	11	17	43		
	SHL	eP	11	17	58		
29	DDI	iP	12	05	50	NWR	260
		iS		06	19		
29	NDI	ePn	12	06	38		410
		iSn		07	23		
	BHK	eP	12	06	44		
29	SHL	iP	12	08	20	C	
	BOK	e	12	09	16		
	POO	eP	12	11	17		
29	NDI	i	12	57	24		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	∠	km
29	SHL	iP	22	15	21		
29	SHL	iP	23	09	03	C	
29	NDI	i	23	09	30		
30	Epc: 21.8°W, 62.2°E Arabian Sea. H=04h 18m 38.1s, depth 33 kms (R). Mag. 5.6 SD 0.7(CGS).						
30	BOM	eP	04	21	06		1075
		PP		21	14		
		PPP		21	21		
		iS		22	57		
		i		23	07		
	NDI	iP	04	22	11	SWR	1600
		iS		24	52		
	BHK	iP	04	22	19	R	
		i		25	27		
	DDI	iP	04	22	27	R	1810
		iS		25	28		
	SEH	e	04	22	40		
		e		24	38		
	KOD	iP	04	22	42.5		1990
		eS		26	00.5		
	MDR	iP	04	23	04		2140
		PP		23	20		
		PPP		23	31		
		eS		26	36		
		i		26	56		
		SS		27	04		
		SSS		27	20		
	VIS	iP	04	23	16	WR	2260
		iS		27	00		
	BOK	iP	04	23	32	EC	2510
		iS		27	36		
		LQ		27	56		
		SS		28	18		
	SHL	iP	04	24	24	R	3000
		eS		29	01		
30	CHA	iP	04	23	47	R	2610
		iS		27	58		
30	NDI	i	05	39	02		
30	SHL	iP	05	37	29	R	
30	NDI	i	06	09	26		
30	SHL	eP	08	21	56		
30	BOK	e	09	02	05		
30	PBA	ePg	10	06	23		100
		PP		06	27		
		eSg		06	35		
		SS		06	53		
		SSS		07	01		
30	SHL	iP	13	24	30	R	
30	POO	eP	13	25	55		
30	SHL	iP	17	30	19	C	
30	CHA	eP	17	30	53		
30	SHL	iP	17	37	21	C	
30	CHA	iP	17	37	56	R	
	NDI	eP	17	39	08		
	POO	eP	17	39	47		
30	SHL	eP	18	13	25		
30	SHL	iP	18	54	35	C	
	NDI	iP	18	55	48	R	
30	SHL	iP	19	03	33	C	
30	POO	eP	19	34	26		
30	SHL	iP	19	43	27	C	100
30	NDI	iPg	21	14	09	SEC	40
		iSg		14	13		
30	NDI	eP	21	17	05		420
		eS		17	51		
30	SHL	iPg	21	34	27	R	100
		iSg		34	39		
30	SHL	iP	23	48	36	C	
30	SHL	iP	23	52	40	C	
31	NDI	eP	01	27	52		950
		iS		29	31		
31	PBA	e	05	04	10		
31	SHL	iP	05	18	30	C	
31	NDI	iP	05	21	31	R	
31	POO	eP	05	22	28		
31	SHL	iP	06	00	09	C	
	CHA	iP	06	00	39	C	
31	NDI	i	06	55	57		
31	NDI	eP	09	53	46		
31	NDI	iP	14	04	19	SEC	
		i		05	04		
31	CHA	eP	14	06	10		
31	BHK	e	14	06	48		
		i		09	06		
31	SHL	iP	14	07	09	R	
31	POO	eP	14	09	11		
31	BOK	e	14	09	22		
31	MDR	e	14	13	51		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	∠ km	
31	SHL	eP	18	17	53		
31	SHL	iP	19	02	38	R	
31	SHL	eP	19	31	26		
31	SHL	iP	20	33	00	C	
31	NDI	i	22	41	29		
31	SHL	iP	22	48	03	C	
31	Epc: 36.4°N, 70.8°E Hindukush Region.H=23h 38m 00.5s. Depth 200 km. Mag. 5.6 S.D. 0.5(CGS).						
	BHK	iP	23	39	40.2	C	710
		P*		39	53.4		
		Pg		40	10.3		
		i		40	41.2		
		LQ		40	43.2		
		iS		40	54.6		
		SS		41	05.2		
		S*		41	12.8		
		i		41	18.2		
		Sg/M		41	32.8		
		i		41	54.0		
	DDI	iP	23	40	02	R	900
		eS		41	35		
	NDI	iP	23	40	13	NWR	
		iS		41	49		
		e		52	55		
	SEH	e	23	41	21		
		iS		43	47		
		SS		44	00		
		SSS		44	10		

DATE	STN	PHASE	H.	M.	S.		△ km
31	CHA	iP	23	41	49	NEC	1860
		iS		44	46		
	BOM	iP	23	41	55	NR	2020
		PP		42	19		
		PPP		42	31		
		e		42	48		
		eS		45	07		
		SS		45	47		
		SSS		46	03		
	BOK	eP	23	41	59		1920
		eS		45	10		
		SS		45	30		
	SHL	iP	23	42	31	C	2430
		SP		43	33		
		iS		46	12		
	VIS	iP	23	42	37	WC	
		iS		46	23		
	TOC	eP	23	42	44		
	KOD	iP	23	43	25.5	NR	2790
		eS		47	48		
	PBA	iP	23	44	08		3235
		iS		49	01		
	MDR	eS	23	44	13		
	NDI	i	00	09	15		

(Earthquake Report)

(Non Instrumental Report)

List of felt earthquake report received from voluntary Observers for the month of March 1966.

Station	Date in GMT	Time in GMT	No. of shocks	Duration (Secs.)	Intensity (R.F. Scale)	Remarks
Shillong	1	05 30	I	7	V	
Shillong	2	23 07	I	4	V	
Shillong	7	07 30	I	3	V	
Shillong	11	06 15	I	4	V	
Banihal	16	05 07	I	10	V	
Rupsi	23	22 51	I	2	V	
Rupsi	24	03 12	I	1	V	

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec	
	00	3	0.3	4.6	BOMBAY
			0.2	1.9	(Colaba)
	06	3	0.3	5.2	
			0.2	2.0	
	12	3	0.3	5.4	
			0.2	2.2	
	18	3	0.3	5.1	
			0.2	2.0	
	00	3	0.3	5.5	
			0.3	2.1	
	06	3	0.3	4.9	
			0.3	2.2	
	12	3	0.3	5.0	
			0.3	2.2	
	18	3	0.3	5.2	
			0.3	2.3	
	00	3	0.3	5.1	
			0.3	2.2	
		2	0.3	2.3	
		3	0.3	2.4	
	18	3	0.4	2.8	
			0.3	1.9	
	00	3	0.3	5.0	
			0.3	2.2	
	06	2	0.3	2.6	
	12	2	0.3	2.7	
	18	3	0.3	3.0	
			0.2	1.8	
	00	3	0.5	3.1	
			0.2	2.0	
	06	3	0.5	3.2	
			0.3	1.7	
	12	3	0.5	2.9	
			0.3	2.0	
	18	3	0.5	3.4	
			0.3	2.3	
			0.3	2.0	
	00	3	0.5	2.6	
			0.3	2.1	
	06	3	0.6	3.0	
			0.4	2.5	
	12	3	0.5	2.9	
			0.3	2.0	
	18	3	0.5	3.2	
			0.3	2.2	
	00	3	0.5	3.0	
			0.3	2.4	
	06	3	0.4	3.2	
			0.3	2.2	
	12	3	0.3	3.5	
			0.3	2.2	
	18	3	0.3	3.8	
			0.3	2.0	
	00	3	0.3	2.0	
		Shock in progress			
	12	3	0.3	5.2	
			0.2	2.0	
08	18	3	0.3	5.0	
Contd.			0.3	2.0	
09	00	3	0.3	5.0	
			0.2	2.0	
	06	3	0.3	5.1	
			0.2	2.0	
	12	3	0.3	5.0	
			0.2	1.8	
	18	3	0.3	5.2	
			0.2	1.7	
10	00	3	0.3	5.4	
			0.2	2.0	
	06	3	0.3	5.5	
			0.2	1.9	
	12	3	0.3	5.6	
			0.2	2.2	
	18	3	0.3	5.4	
			0.2	1.6	
11	00	3	0.3	5.8	
			0.2	1.8	
	06	3	0.3	5.0	
			0.2	2.2	
	12	3	0.3	5.8	
			0.2	2.0	
	18	3	0.3	5.8	
			0.2	1.9	
12	00	3	0.3	5.4	
			0.2	2.3	
	06	3	0.3	5.0	
			0.2	2.4	
	12	3	0.3	5.8	
			0.2	2.2	
	18	Shock in progress			
13	00	3	0.3	6.0	
			0.2	2.0	
	06	3	0.3	5.7	
			0.2	2.6	
	12	3	0.3	5.0	
			0.2	2.0	
	18	3	0.3	4.8	
			0.2	1.8	
14	00	3	0.3	5.2	
			0.2	2.0	
	06	3	0.3	4.8	
			0.2	2.2	
	12	3	0.3	4.8	
			0.2	2.4	
	18	2	0.3	4.3	
15	00	2	0.3	4.6	
	06	2	0.3	4.7	
	12	3	0.3	5.0	
			0.2	1.5	
	18	3	0.3	5.0	
			0.2	1.6	
16	00	Shock in progress			
	06	2	0.3	4.4	
	12	3	0.3	4.7	
			0.2	1.7	

International Seismological Centre From the ISC collection scanned by SISMOS

BOMBAY (Colaba)

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
16	18	3	0.3	5.3
			0.2	2.0
17	00	2	0.3	2.1
	06	Shock in progress		
	12	3	0.3	5.9
			0.3	2.6
	18	3	0.3	4.9
			0.3	2.0
18	00	3	0.3	5.9
			0.3	2.0
	06	3	0.5	6.1
			0.2	2.0
	12	3	0.3	6.4
			0.2	2.0
	18	3	0.3	6.0
			0.3	2.4
19	00	3	0.3	6.0
			0.3	3.0
	06	3	0.3	6.1
			0.2	2.5
	12	3	0.3	6.2
			0.2	2.0
	18	Surface Waves		
20	00	3	0.3	7.0
			0.2	2.0
	06	3	0.3	5.8
			0.3	2.7
	12	3	0.3	6.0
			0.3	1.8
	18	3	0.3	6.1
			0.3	2.0
21	00	3	0.3	6.0
			0.2	1.9
	06	3	0.3	6.0
			0.3	2.1
	**			
22	00	3	0.3	5.3
			0.2	2.0
	06	3	0.3	5.2
			0.2	2.2
	12	3	0.3	5.0
			0.3	2.2
	18	3	0.3	5.6
			0.3	2.0
23	00	2	0.3	2.2
	06	3	0.3	5.0
			0.3	2.2
	12	3	0.3	5.1
			0.3	2.0
	18	Shock in progress		
24	00	2	0.3	2.4
	06	3	0.3	2.7
			0.3	2.0
	12	3	0.3	6.0
			0.3	2.3
	18	2	0.3	2.1
25	00	3	0.3	2.4
			0.2	1.7
	06	3	0.3	5.2
			0.2	2.3
	12	3	0.3	2.3
			0.2	1.5
	18	3	0.5	2.6
			0.3	2.0
26	00	3	0.5	3.0
			0.2	2.0
	06	3	0.5	2.8
			0.3	2.0
	12	3	0.5	2.9
			0.3	2.1
	18	3	0.5	3.0
			0.3	2.0
27	00	3	0.5	3.1
			0.2	1.6
	06	3	0.6	3.5
			0.2	1.6
	12	3	0.6	3.1
			0.3	2.1
	18	3	0.5	3.0
			0.3	2.1
28	00	3	0.3	4.0
			0.3	2.0
	06	3	0.4	2.7
			0.3	2.0
	12	3	0.4	2.6
			0.3	2.0
	18	3	0.4	2.7
			0.2	2.0
29	00	3	0.4	2.6
			0.3	2.1
	06	3	0.4	2.6
			0.3	2.0
	12	3	0.4	2.6
			0.3	2.0
	18	3	0.4	2.5
			0.3	2.0
30	00	3	0.3	2.5
			0.2	2.0
	06	3	0.4	2.6
			0.3	2.0
	12	3	0.4	2.5
			0.3	2.0
	18	3	0.3	3.9
			0.3	2.0
31	00	3	0.3	3.8
			0.3	2.0
	06	3	0.3	4.2
			0.3	2.2
	12	3	0.3	4.1
			0.3	2.0
	18	2	0.4	2.0

** 12 3 0.3 5.8
0.2 2.2
18 3 0.3 5.3
0.2 2.3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: BOKARO				
01	00	3	0.3	5.4
	06	3	0.5	5.8
	12	3	0.4	5.6
	18	3	0.4	5.8
02	00	3	0.4	4.8
	06	3	0.4	5.8
	12	3	0.4	5.8
	18	3	0.4	6.0
03	00	3	0.3	5.6
	06	3	0.3	5.0
	12	3	0.3	5.0
	18	3	0.3	5.2
04	00	3	0.3	5.2
	06	3	0.3	5.8
	12	3	0.3	5.6
	18	3	0.3	5.8
05	00	3	0.3	5.2
	06	3	0.3	5.2
	12	3	0.4	5.0
	18	3	0.4	5.8
06	00	3	0.4	5.0
	06	3	0.4	5.6
	12	3	0.3	5.0
	18	3	0.3	5.0
07	00	3	0.3	4.8
	06	3	0.3	5.2
	12	3	0.3	5.0
	18	3	0.3	5.4
08	00	3	0.3	4.6
	06	...	-	-
	12	3	0.2	4.4
	18	3	0.3	5.0
09	00	3	0.3	5.4
	06	3	0.3	5.0
	12	3	0.3	5.0
	18	3	0.3	5.2
10	00	3	0.2	5.0
	06	3	0.3	6.0
	12	3	0.3	5.6
	18	3	0.3	5.6
11	00	3	0.4	5.8
	06	3	0.3	5.8
	12	3	0.3	5.6
	18	3	0.3	5.4
12	00	3	0.3	5.6
	06	3	0.3	5.6
	12	3	0.4	6.4
	18	...	-	-
13	00	3	0.3	6.2
	06	3	0.3	5.4
	12	3	0.3	5.6
	18	...	-	-
14	00	3	0.3	5.0
	06	3	0.3	5.0
	12	...	-	-
	18	3	0.3	5.6
15	00	3	0.2	5.2
	06	3	0.2	5.6
	12	3	0.2	4.8
	18	3	0.2	4.8
16	00	...	-	-
	06	3	0.3	5.2
	12	3	0.4	5.2
	18	3	0.4	5.4
17	00	3	0.5	5.6
	06	3	0.4	6.0
	12	3	0.4	5.8
	18	3	0.3	6.2
18	00	3	0.3	7.2
	06	3	0.6	7.2
	12	3	0.5	6.8
	18	3	0.4	6.4
19	00	3	0.3	6.6
	06	3	0.4	6.2
	12	3	0.4	6.0
	18	...	-	-
20	00	3	0.3	5.6
	06	...	-	-
	12	3	0.3	6.0
	18	3	0.4	5.8
21	00	3	0.3	5.6
	06	3	0.4	6.6
	12	3	0.3	6.0
	18	3	0.3	6.0
22	00	3	0.3	5.6
	06	3	0.5	6.0
	12	3	0.3	5.2
	18	3	0.3	4.8
23	00	3	0.3	5.2
	06	3	0.4	5.0
	12	3	0.4	5.6
	18	3	0.4	5.6
24	00	3	0.3	5.8
	06	3	0.3	5.4
	12	3	0.3	5.2
	18	3	0.3	5.6
25	00	3	0.3	5.8
	06	3	0.4	5.2
	12	3	0.3	5.0
	18	3	0.3	5.0
26	00	3	0.3	5.6
	06	3	0.4	6.0
	12	3	0.4	5.6
	18	3	0.3	6.4

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: BOKARO				
27	00	3	0.3	5.8
	06	3	0.4	6.6
	12	3	0.4	6.0
	18	3	0.3	5.6
28	00	3	0.3	5.4
	06	3	0.3	5.2
	12	3	0.3	4.8
	18	3	0.3	4.8
29	00	3	0.3	4.8
	06	3	0.3	5.0
	12	3	0.3	5.4
	18	3	0.3	5.4
30	00	3	0.3	5.0
	06	3	0.3	5.0
	12	3	0.3	5.0
	18	3	0.3	4.8
31	00	3	0.3	5.0
	06	3	0.3	4.8
	12	3	0.3	5.8
	18	3	0.3	5.6
Station: ALIPORE, CALCUTTA				
01	00	....		
	06	3	0.4	2.3
	12	3	0.3	2.3
	18	3	0.4	2.2
02	00	3	0.4	2.8
	06	3	0.4	2.8
	12	3	0.6	3.0
	18	3	0.6	2.8
03	00	3	0.6	2.8
	06	....		
	12	....		
	18	3	0.8	2.4
04	00	3	0.6	2.6
	06	3	0.8	2.6
	12	3	0.6	2.8
	18	3	0.6	2.6
05	00	3	0.9	3.2
	06	3	0.8	2.8
	12	1	1.0	3.0
	18	3	1.0	2.6
06	00	3	1.0	2.8
	06	3	2.0	2.8
	12	3	2.0	2.8
	18	3	2.0	3.0
07	00	3	2.2	3.0
	06	....		
	12	3	2.8	3.0
	18	1	2.2	3.0
08	00	3	2.0	2.6
	06	....		
	12	....		
	18	....		

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: ALIPORE, CALCUTTA				
09	00	....		
	06	3	2.2	2.8
	12	3	2.2	2.6
	18	3	2.0	2.8
10	00	3	2.2	2.6
	06	3	2.2	2.8
	12	3	2.4	2.6
	18	3	2.6	2.6
11	00	3	2.4	2.6
	06	3	2.2	2.4
	12	....		
	18	....		
12	00	....		
	06	3	2.0	2.4
	12	3	2.0	2.4
	18	....		
13	00	3	2.0	2.6
	06	3	1.0	2.2
	12	3	1.2	2.5
	18	3	1.2	2.4
14	00	....		
	06	....		
	12	3	1.2	2.4
	18	3	1.0	2.4
15	00	3	0.8	2.2
	06	3	1.0	2.2
	12	3	1.0	2.4
	18	3	1.0	2.2
16	00	....		
	06	3	1.0	2.0
	12	3	1.0	2.0
	18	3	0.9	1.8
17	00	3	0.4	1.0
	06	3	0.8	1.0
	12	3	0.6	1.0
	18	3	0.8	1.0
18	00	....		
	06	3	0.8	1.2
	12	3	1.0	1.6
	18	3	1.2	1.8
19	00	....		
	06	3	1.2	1.6
	12	3	0.8	1.4
	18	3	0.8	1.6
20	00	3		
	06			
	12			
	18			
21	00			
	06			
	12			
	18			

International Seismological Centre From the ISC collection scanned by SISMOS

March 1966

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
22	00			
	06	3	0.8	2.0
	12	....		
	18	....		
23	00	....		
	06	3	1.0	2.2
	12	3	1.0	2.0
	18	3	0.8	2.2
24	00	3	1.0	2.0
	06	3	0.8	2.2
	12	3	1.0	2.4
	18	3	1.0	2.0
25	00	3	1.0	1.6
	06	3	0.8	1.4
	12	3	0.6	1.6
	18	3	0.6	1.4
26	00	3	0.6	1.2
	06	3	0.6	1.4
	12	3	1.0	1.8
	18	3	1.2	1.6
27	00	3	1.0	1.2
	06	3	0.6	1.0
	12	3	0.8	1.2
	18	3	1.0	1.4
28	00	3	1.2	1.6
	06	3	1.2	1.2
	12	3	1.0	1.4
	18	3	0.8	1.2
29	00	3	1.0	1.6
	06	3	0.8	0.6
	12	3	0.6	1.2
	18	3	0.8	1.0
30	00	3	0.4	0.8
	06	3	0.6	1.0
	12	3	0.8	1.2
	18	3	0.8	1.2
31	00	3	0.9	1.0
	06	....		
	12	....		
	18	3	1.2	1.8

Station:- Madras

01	00	2	0.3	4.3
	03	2	0.3	4.6
	06	2	0.3	4.5
	12	2	0.3	4.7
	18	3	0.4	5.4
02	00	3	0.4	5.3
	03	3	0.4	5.5
	06	3	0.4	5.5
	12	3	0.4	5.4
	18	3	0.4	5.3
03	00	3	0.4	5.2
	03	3	0.3	5.1

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec

Station: Madras

03	06	3	0.3	5.1
	12	3	0.3	5.1
	18	3	0.3	5.3
04	00	3	0.3	5.5
	03	3	0.3	6.0
	06	3	0.3	6.0
	12	3	0.3	5.3
	18	3	0.3	5.6
05	00	3	0.3	5.5
		2	0.3	3.7
	03	2	0.4	3.5
	06	2	0.5	3.6
	12	2	0.5	3.7
	18	2	0.5	3.6
06	00	2	0.5	3.6
	03	...	Earthquake	
	06	2	0.6	3.9
	12	2	0.7	4.0
	18	2	0.7	4.1
07	00	2	0.6	4.2
	03	2	0.6	4.1
	06	2	0.6	4.0
	12	2	0.6	4.0
	18	2	0.5	4.0
08	00	2	0.3	4.0
	03	2	0.3	4.0
	06	...	Earthquake	
	12	2	0.3	4.0
	18	2	0.3	4.1
09	00	2	0.3	4.4
	03	2	0.3	4.4
	06	3	0.3	5.3
	12	3	0.3	5.0
	18	3	0.3	5.0
		2	0.2	2.3
10	00	2	0.2	2.2
	03	2	0.2	2.2
	06	2	0.2	2.2
	12	3	0.3	4.9
		2	0.2	2.1
	18	3	0.4	5.1
		2	0.2	2.1
11	00	2	0.2	2.1
	03	2	0.2	2.2
	06	2	0.2	2.1
	12	2	0.2	2.1
	18	2	0.2	2.1
12	00	2	0.2	2.1
	03	2	0.2	2.1
		3	0.3	5.1
	06	2	0.2	2.1
	12	2	0.2	2.2
	18	...	Earthquake	
13	00	3	0.3	5.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Madras				
13	00	2	0.2	2.1
Cont.	03	2	0.2	2.2
	06	2	0.3	2.2
	12	2	0.3	2.2
	18	3	0.3	5.1
		2	0.2	2.2
14	00	3	0.3	5.1
	03	3	0.3	5.0
	06	3	0.3	5.1
	12	3	0.3	5.1
	18	3	0.3	5.2
15	00	3	0.3	5.1
	03	3	0.3	5.2
	06	3	0.3	5.0
	12	3	0.3	5.1
	18	3	0.3	5.1
16	00	3	0.3	5.0
	03	3	0.3	5.0
	06	3	0.3	5.0
	12	3	0.3	5.0
	18	3	0.3	5.4
17	00	3	0.3	5.3
	03	3	0.4	5.5
	06	3	0.3	5.3
	12	3	0.3	5.3
	18	3	0.3	5.1
18	00	3	0.3	5.0
		3	0.5	6.9
	03	3	0.5	7.0
	06	3	0.5	6.9
	12	3	0.5	6.6
	18	3	0.4	6.8
19	00	3	0.3	7.0
		3	0.3	4.9
	03	3	0.5	7.1
	06	3	0.4	7.0
	12	3	0.4	7.1
	18	...	Earthquake	
20	00	3	0.3	6.7
		2	0.3	4.7
	03	...	Earthquake	
	06	2	0.3	4.9
		3	0.4	6.9
	12	2	0.3	4.9
		3	0.3	6.7
	18	2	0.3	4.7
21	00	2	0.3	4.7
	03	2	0.3	4.7
	06	2	0.3	4.8
	12	2	0.3	4.8
	18	2	0.3	4.9
22	00	2	0.3	5.0
	03	2	0.3	5.0

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station:- MADRAS				
22	06	2	0.3	5.0
	12	2	0.3	5.0
	18	2	0.3	5.0
23	00	2	0.3	5.0
	03	2	0.3	5.0
	06	2	0.3	5.0
	12	3	0.3	5.6
	18	3	0.3	5.3
24	00	3	0.3	5.5
	03	3	0.3	5.2
	06	2	0.3	4.5
	12	3	0.3	5.6
	18	2	0.3	4.7
25	00	2	0.3	5.1
	03	2	0.3	5.0
	06	2	0.3	5.0
	12	2	0.3	5.0
	18	2	0.3	5.0
26	00	2	0.3	4.5
	03	2	0.3	4.2
	06	2	0.3	4.4
	12	2	0.3	4.5
	18	2	0.3	4.9
27	00	2	0.3	4.8
	03	3	0.4	5.5
	06	3	0.4	5.7
	12	3	0.4	5.8
	18	3	0.3	5.9
28	00	3	0.3	5.2
	03	2	0.3	4.3
	06	2	0.3	4.6
	12	2	0.3	4.8
	18	2	0.3	4.5
29	00	2	0.3	4.3
	03	2	0.3	4.4
	06	2	0.3	4.7
	12	2	0.3	4.4
	18	2	0.3	5.0
30	00	2	0.3	4.7
	03	2	0.3	4.6
	06	2	0.3	4.5
	12	2	0.3	4.7
	18	2	0.3	4.9
31	00	2	0.3	4.9
	03	2	0.2	4.9
	06	2	0.2	4.7
	12	2	0.3	4.9
	18	2	0.3	5.0
Station: PORT BLAIR				
01	00	3	0.8	7
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR				
[illegible]	00	3	0.4	6
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.2	4
[illegible]	00	3	0.2	4
	06	3	0.2	4
	12	3	0.2	4
	18		0.2	4
[illegible]	00	3	0.2	4
	06	3	0.2	4
	12	3	0.4	4
	18	3	0.4	6
[illegible]	00	3	0.4	6
	[illegible]	3	0.8	7
	[illegible]	3	0.8	8
	18	[illegible]	0.8	8
[illegible]	00	3	0.8	8
	06	3	0.8	8
	12	...	-	-
	18	...	-	-
[illegible]	00	...	-	-
	06	[illegible]	1.2	8
			0.8	7
	12	3	0.8	7
	18	3	0.8	7
[illegible]	00	3	0.8	7
	06	...	-	-
	[illegible]	3	0.8	7
	[illegible]	3	0.8	7
[illegible]	[illegible]	3	0.8	7
	[illegible]	3	0.4	6
	12	3	0.4	6
	[illegible]	3	0.2	4
[illegible]	[illegible]	3	0.2	4
	[illegible]	3	0.2	4
	[illegible]	3	0.2	4
	18	3	0.2	4
[illegible]	[illegible]	3	0.2	4
	[illegible]	3	0.2	4
	12	3	0.2	4
	18	3	0.2	4
[illegible]	[illegible]	3	0.2	4
	[illegible]	3	0.2	4
			0.4	6
	12	3	0.2	4
	18	...	-	-
[illegible]	00	3	0.2	4
	06	3	0.2	4
	12	3	0.2	6
	18	3	0.2	6
[illegible]	00	3	0.2	6
	[illegible]	3	0.2	4
	12	3	0.2	4
	[illegible]	3	0.2	4
15	00	3	0.2	4
	06	3	0.2	4
	12	3	0.2	4
	18	3	0.2	4
16	00	3	0.2	4
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
17	00	3	0.4	6
	06	3	0.6	7
	12	3	0.6	7
	18	3	0.8	7
18	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	8
			1.2	8
	18	3	0.8	8
			1.2	8
19	00	3	0.8	7
	06	3	1.2	8
	12	3	1.2	8
	18	3	1.2	8
20	00	3	1.2	8
	06	3	1.2	8
	12	3	1.2	8
	18	3	1.2	8
21	00	3	1.2	8
	06	3	0.8	8
			1.2	8
	12	...	-	-
	18	...	-	-
22	00	3	0.4	6
	06	3	0.4	-
	12	...	-	-
	18	3	0.4	6
23	00	3	0.4	6
	06	3	0.4	6
	12	...	-	-
	18	...	-	-
24	00	3	0.4	6
	06	3	1.2	8
	12	3	0.8	7
	18	3	0.8	7
			1.2	8
25	00	3	1.2	8
	06	3	0.8	8
			1.2	8
	12	...	-	-
	18	...	-	-
26	00	3	0.8	7
	06	3	0.4	6
			0.8	7
	12	...	-	-
	18	...	-	-

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Port Blair				
27	00	...	0.4	6
	06	3	0.4	6
			0.8	7
	12	3	0.4	6
	18	...	-	-
28	00	3	0.4	6
	06	3	0.4	6
	12	...	-	-
	18	...	-	-
29	00	3	0.2	6
	06	3	0.4	6
	12	...	-	-
	18	...	-	-
30	00	3	0.4	6
	06	3	0.4	6
			0.8	7
	12	3	0.4	6
	18		0.8	7
	18	3	0.4	6
31	00	...	-	-
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
Station: Shillong				
01	00	3	0.5	4.8
	06	3	0.5	5.0
	12	...	-	-
	18	...	-	-
02	00	...	-	-
	06	...	-	-
	12	3	0.4	4.6
	18	3	0.4	4.6
03	00	3	0.4	4.5
	06	3	0.5	4.8
	12	...	-	-
	18	...	-	-
04	00	...	-	-
	06	...	-	-
	12	3	0.3	4.7
	18	3	0.3	4.5
05	00	3	0.4	4.7
	06	3	0.3	4.5
	12	3	0.3	4.6
	18	3	0.4	4.7
06	00	3	0.4	4.8
	06	3	0.3	4.5
	12	3	0.3	4.2
	18	3	0.3	4.1
07	00	3	0.3	4.3
	06	3	0.3	4.1
	12	3	0.4	4.3
	18	3	0.5	4.8

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station:- Shillong				
08	00	...	-	-
	06	...	-	-
	12	3	0.3	4.3
	18	3	0.4	4.6
09	00	3	0.5	4.8
	06	...	-	-
	12	...	-	-
	18	3	0.4	4.7
10	00	3	0.3	4.3
	06	3	0.3	4.0
	12	3	0.4	4.3
	18	3	0.4	4.5
11	00	...	-	-
	06	3	0.5	4.8
	12	3	0.4	4.8
	18	3	0.4	4.7
12	00	3	0.4	4.6
	06	3	0.3	4.0
	12	3	0.4	4.8
	18	...	-	-
13	00	3	0.4	4.6
	06	3	0.3	4.0
	12	3	0.4	4.5
	18	3	0.3	4.1
14	00	3	0.3	4.2
	06	3	0.3	4.5
	12	3	0.3	4.6
	18	3	0.3	4.7
15	00	3	0.4	4.8
	06	0..	-	-
	12	3	0.2	4.0
	18	3	0.3	4.1
16	00	3	0.4	4.5
	06	3	0.5	4.9
	12	3	0.4	4.7
	18	3	0.3	4.5
17	00	3	0.4	4.8
	06	3	0.4	4.5
	12	3	0.4	4.7
	18	3	0.4	4.7
18	00	3	0.5	5.0
	06	3	0.7	7.0
	12	3	0.6	6.0
	18	3	0.4	4.9
19	00	3	0.5	5.0
	06	3	0.5	5.0
	12	3	0.4	4.5
	18	...	-	-
20	00	3	0.5	4.8
	06	3	0.3	4.3
	12	3	0.3	4.5
	18	3	0.4	4.8
21	00	3	0.4	4.5
	06	3	0.5	5.1

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station : Shillong				
21	12	3	0.4	4.4
	18	3	0.5	5.0
22	00	3	0.5	4.8
	06	3	0.3	4.5
	12	...	-	-
	18	3	0.4	4.7
23	00	3	0.3	4.5
	06	3	0.3	4.2
	12	3	0.5	5.0
	18	3	0.4	4.5
24	00	3	0.5	5.1
	06	3	0.4	4.8
	12	3	0.4	4.8
	18	3	0.3	4.2
25	00	3	0.4	4.7
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.2	3.8
26	00	3	0.3	4.0
	06	3	0.3	4.3
	12	3	0.3	4.6
	18	3	0.3	4.5
27	00	3	0.4	4.9
	06	3	0.5	5.0
	12	3	0.5	5.2
	18	3	0.4	4.8
28	00	3	0.3	4.5
	06	3	0.3	4.6
	12	3	0.3	4.6
	18	3	0.2	4.3
29	00	3	0.2	4.3
	06	3	0.3	4.6
	12	3	0.3	4.3
	18	3	0.3	4.5
30	00	3	0.3	4.5
	06	3	0.3	4.5
	12	3	0.4	4.5
	18	3	0.3	4.3
31	00	3	0.3	4.2
	06	3	0.5	4.8
	12	3	0.3	4.7
	18	3	0.3	4.7
Station:- VISAKHAPATNAM				
01	00	2	0.4	4.4
	06	2	0.5	5.2
	12	2	0.6	5.3
	18	2	0.5	5.5
02	00	2	0.5	5.0
	06	2	0.5	5.3
	12	2	0.5	4.5
	18	2	0.4	4.7

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station:- VISAKHAPATNAM				
03	00	2	0.5	4.5
	06	2	0.5	5.1
	12	2	0.5	5.0
	18	2	0.4	5.0
04	00	2	0.4	4.9
	06	2	0.5	4.7
	12	2	0.5	5.3
	18	2	0.4	4.6
05	00	2	0.5	4.7
	06	A....	-	-
	12	2	0.5	4.8
	18	2	0.5	5.1
06	00	2	0.4	3.9
	06	2	0.5	4.3
	12	2	0.3	3.[illegible]
	18	2	0.5	4.4
07	00	2	0.4	4.4
	06	2	0.5	4.2
	12	2	0.5	4.4
	18	2	0.6	4.4
08	00	2	0.3	4.5
	06	B....	-	-
	12	2	0.3	2.5
	18	2	0.3	2.5

A = Power Failure
B = Earthquake in progress

09	00	2	0.3	2.5
	06	2	0.6	4.8
	12	2	0.5	4.7
	18	2	0.5	4.6
10	00	2	0.5	4.5
	06	2	0.5	5.0
	12	2	0.5	5.1
	18	2	0.5	5.1
11	00	2	0.3	3.9
	06	2	0.5	4.9
	12	A....	-	-
	18	2	0.6	4.5
12	00	2	0.5	4.2
	06	2	0.6	5.0
	12	B....	-	-
	18	2	0.6	4.9
13	00	2	0.6	4.8
	06	A....	-	-
	12	2	0.6	4.6
	18	2	0.4	4.2
14	00	2	0.4	4.5
	06	2	0.5	5.3
	12	2	0.5	4.9
	18	C00	-	-

C = Microseismic no measurable

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
[illegible]	00	C 00	-	-
	06	2	0.5	4.8
	12	2	0.5	4.7
	18	2	0.4	4.1
[illegible]	00	2	0.4	3.3
	06	2	0.5	4.9
	12	2	0.6	5.1
	18	2	0.5	4.7
17	00	2	0.5	4.8
	06	2	0.6	4.8
	12	2	0.6	4.9
	18	2	0.5	4.5
[illegible]	00	2	0.5	4.7
	06	2	0.7	5.4
	12	2	0.4	4.9
	18	C 00	-	-
[illegible]	00	C 00	-	-
	06	2	0.7	6.1
	12	2	0.6	6.0
	18	2	0.5	5.5
[illegible]	00	2	0.5	4.7
	06	2	0.5	4.8
	12	2	0.5	5.0
	18	2	0.5	5.4
[illegible]	00	2	0.4	4.7
	[illegible]	2	0.5	5.2
	12	2	0.5	5.1
	18	2	0.5	5.2
[illegible]	00	2	0.5	4.8
	06	2	0.5	5.2
	12	2	0.4	4.8
	18	2	0.4	4.9
[illegible]	00	2	0.5	5.0
	[illegible]	2	0.6	5.0
23	12	2	0.4	4.6
	18	2	0.5	5.0
24	00	2	0.3	4.3
	06	2	0.4	4.6
	12	2	0.4	4.5
	18	2	0.4	4.7
25	00	2	0.3	4.3
	06	2	0.5	4.5
	12	2	0.4	4.4
	18	2	0.4	4.5
26	00	2	0.3	4.1
	06	2	0.4	4.8
	12	2	0.4	4.8
	18	2	0.4	4.5
27	00	C 00	-	-
	06	2	0.9	5.5
	12	2	0.6	5.8
	18	2	0.5	5.1
28	00	2	0.4	4.7
	06	2	0.4	4.5
	12	2	0.4	5.0
	18	2	0.4	4.6
29	00	C 00	-	-
	06	2	0.4	4.2
	12	2	0.5	4.5
	18	2	0.5	4.4
30	00	2	0.5	3.4
	06	2	0.5	4.9
	12	2	0.4	4.1
	18	2	0.4	4.4
31	00	2	0.4	4.5
	06	2	0.5	4.4
	12	2	0.6	5.1
	18	2	0.4	4.6

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METEOROLOGICAL DEPARTMENT

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JUN 2

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List of Seismograph Stations with their Instruments and Constants

Station and abbreviation	Latitude o ' N	Longitude o ' E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Tg	Vmax	Damping h_1	Constant h_2	Paper speed mm/min.
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500		1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1	1	20
						N	1.01	1.17	5500	1	1	20
						E	1.02	1.15	5600	1	1	20
Bokaro	23.47	85.53		Rock	Press-Ewing	Z	15	100			1	15
						N	15	100			1	15
BOK						E	15	94			1	15
					Sprengnether	E	7.3	7.3	5000		1	30
					Wood-Anderson	N	0.8	0.8	940	1		30
						E	0.8	0.8	950	1		30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	N	12	12	250	0.7		8
						E	12	12	250	0.7		8
BOM					Sprengnether	E	7.3		5000		1	30
					Benioff	Z	"		"		1	30 for LP Galvanometer 60 for SP
Calcutta	22.32	88.20	7	Milne-Shaw	Alluvium Milne-Shaw	E	12		250	0.7		8
CAL			6	Omori-Ewing	Omori-Ewing	E	19		30	"		25.4
						N	15		32	"		25.4
					Sprengnether	N	7.0	7.0	1000		1	30
Chatra	26.50	87.10	161	Sand stone	Benioff	Z	0.72	0.45	-	-		60
CHA					Wood-Anderson	N	0.8		1000	1		30
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		15
						E	12		250	1		15
					Wanner Accelerograph	ZNE	0.1		50	0.6		600
Delhi	18.41	77.12	207	Massive Quartzite	Sprengnether	E	7.6	7.6	5000		1	30
NDI					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.75	50K for		1	60
						N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.77	50K sec.		1	60
					Sprengnether (LP)	Z	15	100	1500 for		1	15
						N	15	100	1500 TE=15		1	15
						E	15	100	1500 sec		1	15
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3	-	-	1	60
DDI					Wood-Anderson	N	0.8		970	1		30
						Z	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Sprengnether	Z	15	100 for TE=15 sec	1500	1	1	30
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5	-		1	30
GOA						E	7.4	7.4	5000		1	30
						N	7.5	7.5	5000		1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		243.5	0.7		8
HYD						N	12		250.2	0.7		8
Kodaikanal	10.14	77.28	2345	Rock	Benioff (SP)	Z	1.0	0.75	100K for		1	60
KOD						N	1.0	0.75	100K TE=1		1	60
						E	1.0	0.75	100K secs		1	60
					Sprengnether (LP)	Z	15	100	1500 for		1	30
						N	15	100	1500 TE=15		1	30
						E	15	100	1500 secs		1	30
					Milne-Shaw	E	12		250	0.7		8
Madras	13.00	80.11	15		Sprengnether	Z	7.5	7.5			1	30
MDR												
Poona	18.32	73.51	560	Deccan Trap	Benioff (SP)	Z	1.0	0.75	50K for		1	60
POO						N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.75	50K secs		1	60
					Sprengnether (LP)	Z	15	100	3000 for		1	15
						N	15	100	1500 TE=15		1	15
						E	15	100	1500 secs		1	15
Port Blair	11.40	92.43	"	"	Milne-Shaw	Z	12		250	0.7		30
PBA					Wood-Anderson	N	2.0		890	0.7		30
						E	0.8		810	0.8		30
					Benioff	Z	1.0	1.6	"		1	
Sehore	23.10	77.05	"	"	Wood-Anderson	N	0.8		860	1		30
SEH						E	0.8		950	1		30
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff (SP)	Z	1	0.75	200K for		1	60
SHL						N	1	0.75	200K TE=1		1	60
						E	1	0.75	200K sec		1	60
					Press-Ewing (LP)	Z	15	100	3000 for		1	30
						N	15	100	3000 TE=15		1	30
						E	15	100	3000 secs		1	30
					Sprengnether	E	6.7	6.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
					Wanner Accelerograph	Z,N,E	0.1		Nearly 50	0.6		600
Tocklai	26.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1		60
TOC												
Visakha-patnam	17.43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
					Wood-Anderson	E	2.0		950	1		30
VIS						N	0.8		950	1		30
					Electromagnetic(S.P.)	Z	1.65	1.65	6000	1	1	60

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DATE	STN	PHASE	H.	M.	S.		Δ km
01	SHL	iP	03	01	55	C	
	NDI	iP	03	02	33	SEC	
	POO	iP	03	03	28.1	C	
01	POO	eP	03	40	14		
	BOM	e	03	50	20		
	MDR	e	03	58	30		
		e	04	25	30		
01	BOK	i	04	52	20		
01	SHL	iP	05	31	30	R	
01	NDI	iPg	06	13	16.7	SWC	23
		iSg		13	19.4		
01	NDI	e	08	27	21		
		i		27	32		
01	DDI	eP	11	22	09		
01	NDI	eP	11	22	35		
		i		23	09		
01	SHL	iP	13	21	38	C	
	NDI	iP	13	23	31	R	
01	NDI	iPg	15	18	30.5	SEC	72
		iSg		18	39.1		
	DDI	iP	15	18	55	R	
01	POO	eP	15	23	39		
01	NDI	ePg	17	06	09		72
		iSg		06	17.5		
01	SHL	iP	20	01	06	C	
	CHA	iP	20	01	34	C	
01	CHA	iP	22	03	49	R	190
		iS		04	12		
	SHL	iP	22	04	04	R	310
		iS		04	39		
		S*		04	44		
02	TOC	eP	00	46	04.5		
		i		46	57.5		
	SHL	eP	00	46	16		
02	POO	eP	02	12	09		
	PBA	eP	02	12	26		
		i		12	33		
02	KOD	iP	02	12	43.5	C	
02	DDI	eP	07	57	23		
02	BHK	iP	08	05	03.3	NEC	
02	KOD	ePn	09	50	35		400
		iSn		51	19		
02	SHL	iP	11	11	38	R	140
		PP		11	45		
		iS		11	56		

DATE	STN	PHASE	H.	M.	S.		Δ km
02	PBA	iP	15	10	27	C	345
		PP		10	31		
		PPP		10	37		
		LQ		10	44		
		iS		10	55		
		SS		11	05		
		SSS		11	18		
	KOD	eP	15	13	46		
02	SHL	iP	16	31	15	C	300
		P*		31	19		
		Pg		31	24		
		iS		31	49		
	TOC	iP	16	31	32.7	E	
02	SHL	iP	17	21	49	R	280
		iS		22	20		
02	NDI	iPg	17	43	18	SEC	70
		iSg		43	26.2		
	DDI	eP	17	43	40		
02	SHL	iP	18	36	14	C	
02	NDI	eP	20	20	33		520
		iS		21	27		
	DDI	eP	20	20	34		
	POO	eP	20	25	46		
02	CHA	eP	20	28	43		500
		iS		29	36		
02	NDI	ePn	20	30	08		280
		eSn		30	41		
	TOC	e	21	34	43.8		
		e		35	18		
02	SHL	iP	21	35	08	C	
02	Epc: 38.7°N, 141.9°E, Depth 39 Kms (CGS). H = 22h 43m 21.4s. Mag. 4.6 (USCGS).						
	SHL	iP	22	51	26	C	
	NDI	eP	22	51	42		
	CHA	iP	22	51	51	C	
	DDI	eP	22	52	31		
	POO	iP	22	53	37.5	C	
	KOD	iP	22	53	52	R	
03	SHL	iP	01	24	29	C	140
		iS		24	47		
03	Epc: 36.7°N, 140.8°E Depth 68 kms (CGS). H = 04h 43m 41.1s. Mag. 5.7 (USCGS).						
03	TOC	eP	04	51	19		
	SHL	iP	04	51	35	C	

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DATE	STN	PHASE	H.	M.	S.		△ km
03	PBA	e	04	52	28		
	BHK	iP	04	52	52	NC	
	NDI	iP	04	52	55	SWC	
		i		53	17		
	VIS	iP	04	52	58	WC	
	MDR	i	04	53	36		
	POO	iP	04	53	49	C	
	BOM	iP	04	53	52		6720
		e		54	08		
		PP		56	07		
		eS	05	02	07		
		PS		02	23		
	KOD	iP	04	54	01.5	NWC	
03	BHA	e	05	17	52		
		i		18	19		
		i		18	25.5		
03	DDI	iP	05	52	45	R	5620
		iS		59	59		
03	DDI	iP	06	18	09	R	
		i		22	44		
03	NDI	eP	06	18	25		530
		iS		19	22		
03	SHL	iP	07	43	58	C	
03	POO	eP	07	51	15		
03	DDI	e	08	02	09		
03	Epc: 39.0°N, 21.5°E Depth 25 kms (CGS). H= 11h 36m 24.8s. Mag. 5.1(USCGS).						
	DDI	iP	11	44	50		
	NDI	eP	11	44	52		
	KOD	iP	11	46	11.5		
	SHL	iP	11	46	26	C	
03	KOD	iP	12	01	00		
03	KOD	eP	12	15	15		
03	DDI	eP	14	25	00		
03	NDI	e	14	25	26		
03	CHA	iP	15	29	51	C	
03	CHA	iPg	15	32	13	C	80
03	SHL	iP	15	51	29	C	310
		iS		52	04		
03	CHA	iPg	16	15	45	C	100
		iSg		15	59		
03	TOC	i	17	25	28.6		
03	SHL	ePg	17	25	57		90
		iSg		26	07		

DATE	STN	PHASE	H.	M.	S.		△ km
03	SHL	iP*	19	58	33		140
		iS*		58	50		
03	NDI	e	22	41	38		
04	Epc: 11.8°N, 92.6°E Depth 33 Kms (CGS). H = 02h 17m 18.1s. Mag. 5.0(USCGS).						
	PBA	iP	02	17	26	NR	
	VIS	iP	02	19	46	WC	1170
		ePPP		20	01		
		iS		21	46		
	MDR	eP	02	20	05		1090
		PP		20	14		
		PPP		20	18		
		eS		21	57		
		SS		22	09		
	KOD	iP	02	20	45	WC	
	NDI	eP	02	22	11		
		e		26	08		
	DDI	eP	02	22	24		
	MDR	e	02	32	01		
		e		33	31		
	KOD	e	02	32	26		
	POO	e	02	34	21		
04	PBA	iPg	02	33	36	R	90
		iSg		33	46		
04	PBA	iPg	02	44	49	NR	
04	HYD	eP	02	45	41		1720
		eS		48	34		
04	MDR	e	02	47	27		
04	KOD	eP	02	48	07	C	
04	Epc: 12.0°N, 92.7°E, Andaman Islands Region, Depth 33 Kms. H=02h 51m 39.0s. Mag. 5.0 (USCGS).						
	PBA	iPg	02	51	49	NR	55
		i		51	50.7		
		Sg		51	54		
	POO	eP	02	52	39		
	VIS	iP	02	54	07	WC	1170
		ePPP		54	22		
		iS		56	07		
	MDR	eP	02	54	25		
		PP		54	35		
		PPP		54	41		
		LQ		56	35		
		eS		56	45		
	SHL	eP	02	54	47		1450
		iS		57	14		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
04	P00	eP	02	55	01		
	KOD	iP	02	55	06	SER	
	CHA	eP	02	55	20		1750
		iS		58	14		
	BOM	iP	02	56	14	R	2200
		PPP		56	41		
		eS		59	52		
		LQ	03	00	10		
		SS		00	22		
	CAL	e	02	56	17		
	NDI	eP	02	56	32	C	2370
		eS	03	00	25		
	DDI	iP	02	56	44	R	2500
		eS	03	00	47		
	TOC	e	02	57	45.5		
	MDR	e	03	06	16		
04	P00	eP	03	08	15		
	PBA	e	03	09	55		
04	SHL	iPg	05	04	21	R	90
		iSg		04	31		
04	KOD	iPn	05	37	37	N	400
		iSn		38	21.5		
04	PBA	eP	05	49	57		
04	SHL	iP	06	28	27	C	
04	NDI	eP	06	29	45	R	
04	PBA	ePg	06	49	55		55
		eSg		50	01		
04	Epc: 12.1°N, 92.7°E, Andaman Islands Region, Depth 33 Kms H= 06h 42m 13.9s. Mag. 5.0(USCGS)						
	PBA	iP	06	42	19	R	
	VIS	iP	06	44	40	EC	1190
		iS		46	42		
	MDR	iP	06	45	00	W	1300
		PP		45	09		
		PPP		47	17		
		LQ		47	02		
		iS		47	13		
		SS		47	24		
	CAL	eP	06	45	06		1080
		eS		46	56		
	SHL	iP	06	45	21	C	1450
		iS		47	48		
	BOK	eP	06	45	23		1320
		iS		47	38		
		SS		47	51		
	KOD	iP	06	45	41		
		e		49	32		
	CHA	iP	06	45	55	C	1790
		iS		48	54		
04	CHA	PcS	06	54	05		
		ScS		57	46		
	TOC	eP	06	45	56		
		e		48	16		
	GOA	iP	06	46	32	C	1990
		PP		46	45		
		iS		49	50		
		SS		50	11		
		PcP		51	04		
	SEH	iP	06	46	33		2070
		eS		49	58		
	P00	iP	06	46	35	C	2195
		iS		50	13		
	BOM	iP	06	46	48	ER	2275
		PP		47	13		
		e		50	18		
		eS		50	33		
	NDI	eP	06	47	07	NWC	2380
		PP		47	30		
		iS		51	01		
		LQ		51	20		
		SS		51	32		
		SSS		51	51		
	DDI	iP	06	47	16	R	2550
		iS		51	20		
	BHK	eP	06	47	36	C	2890
		PP		48	17		
		PcP		50	52		
		S		52	05		
		LQ		52	40		
		SS		53	15		
		SSS		53	32		
04	PBA	e	07	07	48		
		i		10	44		
04	SHL	eP	07	14	57		
	TOC	eP	07	15	06		
		i		15	14		
		e		16	00		
	CHA	iP	07	15	59	R	780
		iS		17	20		
04	PBA	ePg	07	25	16		55
		eSg		25	22		
04	PBA	i	07	42	21		
		i		42	31		
04	PBA	ePg	07	45	39		55
		iSg		45	45		
04	BOK	e	08	06	38		
04	SHL	ePg	08	24	23		80
		eSg		24	32		
04	PBA	ePg	08	24	48		65
		iSg		24	55		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
04	BOK	e	08	29	24		
04	PBA	ePg	08	46	35		55
		eSg		46	41		
04	SHL	iP	09	31	46	C	
04	NDI	eP	09	31	56		
		e		32	40		
04	BOK	e	09	51	53		
04	PBA	iPg	10	00	53	R	55
		P*		00	55		
		iSg		00	59		
		S*		01	03		
		S		01	07		
04	PBA	ePg	10	30	40		55
		P*		30	42		
		iSg		30	46		
		S*		30	50		
		S		30	55		
		PPP		30	58		
		SS		31	04		
04	PBA	iPg	11	15	13	R	55
		P*		15	15		
		iSg		15	19		
		S*		15	23		
		PPP		15	30		
		SS		15	40		
		SSS		15	48		
04	KOD	ePn	12	43	10		280
		eSn		43	42		
04	NDI	iSg	14	53	56		
04	DDI	iP	14	55	22	R	
04	NDI	e	14	55	54		
		e		56	33		
04	SHL	iP	16	41	33	C	140
		iS		41	51		
04	PBA	iPg	18	21	55	R	45
		P*		21	57		
		iSg		22	00		
04	PBA	iPg	18	37	37	R	55
		iSg		37	43		
04	SHL	iP	18	37	58	R	
	CHA	iP	18	38	35	C	320
		eS		39	24		
04	NDI	iP	20	08	19	R	2920
		eS		12	50		
04	SHL	iP	20	09	20	C	
04	POO	eP	20	09	29		
04	KOD	iP	20	09	44	C	

DATE	STN	PHASE	H.	M.	S.		Δ km
04	PBA	ePg	21	15	07		55
		eSg		15	13		
		S*		15	17		
		PP		15	18		
04	Epc: 10.8°S, 164.3°E Depth 37 kms (CGS) H = 23h 32m 22.3s (USCGS) Mag. 5.3 (CGS).						
	SHL	iP	23	44	25	R	
	DDI	eP	23	45	29		
	NDI	iP	23	45	30		
	PBA	e	23	54	56		
05	PBA	iPg	00	07	42	C	
05	Epc: 12.2°N, 92.7°E Depth 33 kms (CGS) H= 00h 07m 34.6s (USCGS). Mag. 4.7 (CGS).						
	VIS	iP	00	10	03	WC	1170
		iS		12	03		
	MDR	eP	00	10	20		
		e		10	46		
	BOK	eP	00	10	43		
	SHL	eP	00	10	43		1490
		eS		13	14		
	KOD	eP	00	11	03	ER	
	POO	eP	00	11	56		
	NDI	eP	00	12	27		
	DDI	iP	00	12	36	R	
05	MDR	e	00	22	05		
		e		22	34		
05	KOD	eP	00	22	42		
05	POO	eP	00	25	04		
05	PBA	iPg	00	41	58	R	45
		iSg		42	02		
05	PBA	ePg	00	50	40		55
		eSg		50	46		
05	PBA	iPg	01	02	48	R	55
		iSg		02	54		
05	SHL	iP	05	06	17	C	
05	DDI	iPg	05	07	12	R	
	NDI	iPQ*	05	07	21.5	NEC	130
		iSQ		07	36		
	POO	eP	05	08	20		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
05	BHK	i	05	20	27.4	R	
		i		21	39		
		i		21	47.2		
	DDI	eP	05	20	49		
	NDI	eP	05	21	01	C	980
		iS		22	42		
05	POO	eP	05	26	25		
05	SHL	iP	06	02	29	C	
06	Epc: 18.5°N, 108.3°W Depth 33 Kms (CGS). H = 06h 08m 13.2 s(USCGS) Mag. 4.0(CGS).						
	KOD	iP	06	17	41	R	
	POO	eP	06	17	48		
	DDI	eP	06	18	58		
	PBA	e	06	19	17		
	SHL	iP	06	19	45	R	
05	DDI	eP	06	53	04		
05	Epc: 37.0°N, 138.2°E Depth 4 kms (CGS). H = 08h 51m 16.4s (USCGS). Mag. 4 (CGS).						
	BOK	e	08	51	53		
05	BOK	e	08	54	51		
05	NDI	iP	09	00	22	C	
05	POO	eP	09	01	17		
05	BOK	i	09	44	51		
05	PBA	ePg	10	24	37		55
		iSg		24	43		
		S*		24	48		
		PP		24	50		
		S		24	52		
05	PBA	iPg	12	01	33	R	55
		P*		01	35		
		P		01	37		
		eSg		01	39		
		S*		01	41		
		S		01	45		
		PPP		01	49		
		SS		01	59		
		SSS		02	06		
05	PBA	iP	12	10	20	C	
05	NDI	iPg	12	33	22		72
		iSg		33	31.5		
05	SHL	iP	14	29	15	R	280
		iS		29	46		
05	SHL	iP	16	34	46	C	
05	CHA	iP	16	35	18	R	

DATE	STN	PHASE	H.	M.	S.		Δ km
05	Epc: 11.3°N, 94.8°E H = 17h 07m 52s (New Delhi)						
	PBA	iP	17	08	28	C	240
		P*		08	31		
		Pg		08	33		
		PP		08	36		
		PPP		08	42		
		iS		08	55		
		S*		08	56		
		Sg		08	58		
		SS		09	07		
	MDR	eP	17	11	18		
	SHL	iP	17	11	19	C	
	CHA	iP	17	11	55		
	KOD	iP	17	11	56.5	SER	
	POO	eP	17	12	44		
	NDI	eP	17	13	09		
	DDI	iP	17	13	13	R	
	BOM	eS	17	17	08		
		e		21	10		
05	SHL	ePg	18	10	06		120
		eSg		10	20		
05	Epc: 5.9°S, 147.6°E, depth 61 Kms (CGS). H=18h 59m 54.1s. Mag. 5.2 (USCGS).						
	SHL	iP	19	10	13	C	
	NDI	e	19	11	36		
	POO	eP	19	11	40		
05	SHL	eP	23	58	23		370
		eS		59	03		
06	Epc: 35.0°N, 73.0°E West Pakistan, felt in Kashmir, Depth 38 kms (CGS). H = 01h 51m 51.8s. Mag. 5.1 (CGS).						
	BHK	iPn	01	53	01.2	SEC	490
		P*		53	09.4		
		LQ		53	40.4		
		iS		53	50.4		
		S*/SS		54	08		
		Sg		54	10		
		SSS		54	12.2		
	DDI	ePn	01	53	23		600
		Pg		53	47		
		eSn		54	27		
		Sg		54	57		
	NDI	iPn	01	53	34	NWR	745
		i		53	38		
		P*		53	50		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
06 Contd.	NDI	Pg	01	54	04		
		Sn		54	52		
		S*		55	15		
	SEH	iP	01	54	44		1360
		LQ		56	56		
		iS		57	02		
		SS		57	17		
		SSS		57	28		
	CHA	eP	01	55	09		1580
		iS		57	48		
	BOK	e	01	55	31		
		iS		58	10		
		SS		58	27		
	BOM	eP	01	55	35		1700
		PP		55	46		
		LQ		58	22		
		eS		58	26		
		SS		58	43		
		SSS		58	57		
		PcP	02	00	41		
	POO	eP	01	55	36		
	VIS	iP	01	55	55	ER	1910
		eS		59	06		
	MDR	eP	01	56	56		2490
		eS	02	00	58		
	KOD	iP	01	57	14		2780
		eS	02	01	36		
	PBA	iP	01	57	51	C	
06	Epc: 45.8°S, 96.1°E. Southeast Indian Rise, Depth 33 kms(CGS) H = 02h 59m 01.7s. Mag. 6(Pas).						
	PBA	iP	03	08	47	WC	
		i		16	51		
		i		20	30		
	KOD	eP	03	08	58	NC	
	MDR	eP	03	09	15		6670
		iS		17	27		
		PPS		17	47		
		ScS		19	06		
		SS		21	20		
	VIS	iP	03	09	41	WC	7220
		iS		18	23		
	POO	eP	03	09	54		7480
		PP		12	23		
		eS		18	49		
		e		19	56		
		SS		23	11		
	BOM	eP	03	10	01		7550
		PP		12	31		
		eS		18	57		
		PS		19	20		
		SSS		26	16		

DATE	STN	PHASE	H.	M.	S.		Δ km
06 Contd.	SHL	iP	03	10	18		7930
		PPP		14	46		
		iS		19	36		
		PS		20	07		
	CHA	iP	03	10	31	C	8090
		i		12	12		
		i		16	23		
		iS		19	57		
	NDI	eP	03	10	47	SR	8360
		i		18	45		
		eS		20	26		
		SS		25	30		
		SSS		28	52		
	DDI	iP	03	10	54	C	
	BHK	iP	03	11	05	R	8670
		PPP		16	17		
		S		20	59		
		PS		21	45		
06	SHL	iP	03	17	16	C	
06	KOD	iP	03	20	16	EC	
06	PBA	eP	05	00	37		
	NDI	iP	05	03	37		720
		eS		04	52		
		i		05	46		
06	BOK	e	08	51	46		
06	PBA	iPg	10	27	55	R	55
		iSg		28	01		
06	SHL	iPg	11	00	12	C	90
		iSg		00	22		
06	PBA	e	18	35	43		
06	SHL	eP	19	29	11		370
		iS		29	51		
06	Epc: 21.5°S, 170.2°E. Depth 61 (kms). H= 19h 52m 29.1s Mag. 5.4 (USCGS).						
	SHL	iP	19	52	41	C	
	DDI	eP	19	54	10		
	NDI	iP	19	54	18	NER	
	POO	eP	19	55	06		
	KOD	iP	19	55	12.5	ER	
06	SHL	iP	19	58	39	R	
06	SHL	iP	21	04	53	R	
06	Epc. 8.9°N, 126.4°E. Depth 69 kms. H =21h 53m 10.3s (USCGS). Mag. 5.8 (CGS).						
	PBA	iP	21	59	44	C	
	TOC	e	22	00	01.3		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
06	SHL	iP	22	00	12	C	
		e		02	33		
	BOK	e	22	00	54		
	VIS	iP	22	01	03	EC	
	MDR	e	22	01	27		
	KOD	iP	22	01	48.2	NEC	
	NDI	iP	22	01	59	ER	
	DDI	iP	22	02	00	R	
	POO	iP	22	02	13.5	C	
	NDI	e	22	08	49		
	BOM	e	22	09	46		
06	Epc: 56.6°N, 154.5°W, depth 33 kms (CGS). H = 22h 28m 38.7s. Mag. 5.5 ((USCGS)						
	SHL	iP	22	40	49	C	
	DDI	iP	22	40	59	R	
06	NDI	iP	22	41	07	SC	
06	Epc: 9.6°S, 107.6E, South of Jawa. Depth = 33 Kms (CGS). H= 22h 56m 05s. Mag. 5.3 (USCGS).						
	PBA	eP	23	01	32		
	VIS	iP	23	03	06	C	
	KOD	eP	23	03	09	NC	
	MDR	e	23	03	09		
		e		04	42		
	SHL	iP	23	03	23	C	
	POO	eP	23	04	10		
	NDI	iP	23	04	42		48
		eS		11	40		
	DDI	eP	23	04	49		
	BOM	e	23	06	32		
		e		11	04		
		e		14	22		
	BOK	e	23	09	40		
07	Epc: 1.8°S, 134.2°E, Depth 35Kms (CGS). H=00h 14m 55.9s. Mag. 5.1 (USCGS).						
	PBA	eP	00	22	43		
	SHL	eP	00	23	24		990
		iS		25	06		
	KOD	iP	00	24	46	EC	
	MDR	e	00	24	50		
		e		32	12		
	NDI	e	00	25	15		

DATE	STN	PHASE	H.	M.	S.		Δ km
07	DDI	iP	00	25	17	C	
	POO	eP	00	25	18		
07	NDI	e	03	34	15		
07	SHL	iPg	04	32	20	R	90
		iSg		32	30		
07	SHL	iPg	05	07	22	R	90
		eSg		07	33		
07	CHA	iPg	07	05	20	R	70
		eSg		05	28.		
07	DDI	eP	07	15	18		
	BHK	e	07	15	28.4		
		i		15	31.4		
	NDI	e	07	16	30		
07	CHA	iPg	07	19	32	R	70
		eSg		19	39		
	BOK	e	08	42	47		
07	DDI	eP	09	11	47		
	BHK	e	09	11	55.2		
		i		11	58.8		
	NDI	eP	09	12	01		520
		eS		12	57		
	BOK	e	09	15	24		
	POO	iP	09	17	51		
07	PBA	ePg	09	32	31		110
		eSg		32	43		
07	BOK	e	09	41	58		
07	Epc: 26.1°N, 127.4°E, Ryukyu Islands, Depth 46 kms. H= 09h 42m 32.1s (USCGS) Mag. 5.7(CGS).						
	SHL	iP	09	48	55	C	
	PBA	e	09	49	29		
07	CHA	iPg	09	49	32	C	90
		iSg		49	43		
	BOK	i	09	49	46		
		i		51	29		
	VIS	iP	09	50	18	WC	
		i		52	15		
	DDI	iP	09	50	33	R	4720
		eS		56	56		
	NDI	iP	09	50	39	NC	4810
		eS		57	08		
	MDR	eP	09	50	57		5110
		e		53	03		
		eS		57	42		
	POO	iP	09	51	23.5	C	
	KOD	iP	09	51	24.5	NEC	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
07	BOM	iP	09	51	30	C	
		e		51	48		
07	KOD	ePn	11	21	40		280
		iSn		22	12		
07	SHL	iP	12	03	32	C	220
		iS		03	58		
07	DDI	iP	12	26	33	C	
07	NDI	ePg	12	52	40		70
		eSg		52	48		
07	SHL	iP	13	24	44	R	
07	SHL	eP	13	31	45		190
		iS		32	08		
07	SHL	ePg	17	34	19		130
		iSg		34	34		
07	MDR	eP	23	58	17		
	SHL	iP	23	59	46	R	
	CHA	iP	00	00	11	R	
08	DDI	iP	00	01	13	R	
08	NDI	e	00	01	13		
08	SHL	iP	00	38	13	R	270
		iS		38	43		
08	SHL	eP	01	26	35		460
		iS		27	24		
		S*		27	34		
		SSS		27	45		
	TOC	e	01	26	36		
08	Epc: 51.2°N, 157.7°E, Near East Coast of Kamchatka, depth 47 kms (CGS). H= 01h 46m 44.0s. Mag. 6½ (Pas)6-6¼(Brk).						
	CHA	iP	01	56	35		
	BOK	iP	01	56	43		
	DDI	iP	01	56	54	R	6640
		eS	02	05	05		
	BHK	iP	01	56	56	C	
		i		57	15		
	NDI	iP	01	57	05		6810
		iS	02	05	25		
		SS		09	30		
	PBA	iP	01	57	28	C	
	VIS	iP	01	57	32	WC	7335
		iS	02	06	19		
		PS		06	37		
		PPS		06	53		
	HYD	iP	01	57	49	S	7660
		iS	02	06	54		
		SS		11	44		
	POO	iP	01	58	06.5	C	

DATE	STN	PHASE	H.	M.	S.		∠ km
08	MDR	iP	01	58	07	E	7910
		PP	02	00	48		
		PPP		02	24		
		eS		07	24		
		PPS/SKS	08	07			
	BOM	iP	01	58	08	SWC	7910
		eS	02	07	25		
		PS		07	52		
	KOD	iP	01	58	30	NEC	
08	PBA	eP	02	06	07		
08	PBA	e	02	19	56		
08	PBA	i	02	26	12		
08	SHL	iP	02	52	55	C	
08	Epc: 51.2°N, 157.8°E, depth 48 kms (CGS). H = 05h 24m 44.6s. Mag. 5.3 (USCGS).						
	SHL	iP	05	34	18	C	
	PBA	iP	05	35	26	C	
	POO	eP	05	36	06		
	KOD	iP	05	36	30	SWC	
	DDI	iP	06	04	38	R	
	NDI	iP	06	04	43	WC	1770
		eS		07	40		
	POO	eP	06	05	15		
	SHL	iP	06	05	32	C	
08	SHL	iP	06	10	37	C	190
		iS		11	00		
08	PBA	ePg	06	13	22		55
		eSg		13	28		
08	SHL	iP	06	26	34	R	280
		iS		27	05		
08	TOC	i	06	27	15.7		
08	KOD	eP	07	59	18		
08	BOK	i	08	47	33		
08	BOK	e	08	51	19		
08	DDI	eP	09	30	47		
	NDI	e	09	31	48		
08	BOK	i	10	14	34		
08	Epc: 8.2°S, 156.4°E, depth 31 kms (CGS). H = 10h 32m 06.9s (USCGS). Mag. 5.1 (CGS).						
	SHL	iP	10	43	24	R	
	NDI	e	10	44	37		
	POO	eP	10	44	43		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
08	NDI	e	13	54	18		
08	PBA	e	14	27	43		
08	CHA	iPg	15	10	19	C	80
		iSg		10	28		
08	SHL	iP	15	33	26	C	
08	NDI	i(Sg)	16	41	45		
08	Epc: 36.3°N, 70.6°E, Depth 224 kms (CGS) H = 22h 15m 04.4s(USCGS). Mag. 4.9 (CGS).						
	DDI	iP	22	17	04		
		i		18	45		
		i		23	22		
	BHK	i	22	17	57		
	CHA	iP	22	18	50	R	
		i		21	51		
		i		23	22		
	SHL	iP	22	19	32	C	
	POO	eP	22	22	55		
	SHL	iP	22	23	16	R	
08	BOM	e	23	02	31		
		e		10	34		
08	SHL	iP	23	14	46	R	
08	NDI	iP	23	17	15	NER	1770
		eS		18	50		
08	Epc: 67.5°N, 18.7°W, depth 33 Kms (CGS) H= 23h 17m 10.8s. Mag. 4.4(USCGS).						
	NDI	eP	23	23	33		
	SHL	iP	23	57	30	C	
	CHA	iP	23	57	43	C	
	POO	eP	23	59	04		
09	Epc: 9.6°N, 84.1°W, depth 30 Kms (CGS). H = 02h 42m 08.7s (USCGS). Mag. 5.7(CGS).						
	NDI	e	02	52	37		
	POO	iP	02	53	55.5	C	
	SHL	iP	02	53	57	C	
	KOD	iP	02	54	20	NEC	
09	DDI	eP	03	01	17		
	NDI	e	03	01	21		
		e		05	03		
	POO	eP	03	01	41		
	SHL	iP	03	01	43	C	
	BOK	i	03	01	46		
09	KOD	iP	03	02	06.5	SWR	
	PBA	iP	03	02	07	C	
	MDR	e	03	02	11		
09	BOK	e	08	34	29		
09	MDR	e	12	53	19		
09	SHL	iP	14	21	07	R	290
		iS		21	40		
	TOC	eP	14	21	22		
		i		21	31		
04	NDI	i	14	40	29		
	POO	eP	14	41	18		
09	NDI	e	14	54	13		
09	SHL	iP	15	01	44	C	
09	KOD	iP	15	02	29	R	
	POO	eP	15	02	30		
09	SHL	eP	18	02	51		
09	KOD	iPn	18	32	14.2	SE	330
		iSn		32	50.5		
09	POO	eP	18	34	54		
09	Epc: 60.2°N 147.1°W depth 34 kms (CGS). H = 18 h 51m 45s(USCGS). Mag. 4.7 (CGS).						
	SHL	iP	19	04	03	R	
	DDI	eP	19	04	05		
	NDI	e	19	04	22		
09	NDI	e	19	18	15	E	
09	Epc: 5.4°N, 126.0°E Mindano Philippine Island Region. Depth 133 Kms. H= 90h 00m 58.5s (USCGS). Mag. 5.6(CGS).						
	PBA	eP	20	07	31		
		i		09	03		
	TOC	eP	20	08	00		
		e		13	33		
	SHL	iP	20	08	07	C	4300
		iS		13	54		
	BOK	eP	20	08	44		
	CHA	iP	20	08	46	R	
	VIS	eP	20	08	52	R	
	MDR	e	20	09	10		
		e		16	28		
	KOD	iP	20	09	29	ER	
	DDI	iP	20	09	50	R	
	NDI	eP	20	09	51	R	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
09	POO	eP	20	09	59		
	BHK	i	20	10	04		
	BOM	e	20	10	08		
		e		14	21		
		e		18	12		
	CHA	iP	20	14	16	R	
09	SHL	iP	20	20	55	C	
	CHA	iP	20	21	02	R	
	NDI	eP	20	21	13	C	
09	BOM	e	21	01	40		
09	SHL	iP	23	27	50	R	
10	DDI	eP	00	13	08		
10	NDI	e	00	35	07		
10	SHL	eP	01	49	50		160
		eSg		50	10		
	TOC	eP	01	50	03		
10	SHL	eP	03	06	44		330
		eS		07	21		
10	NDI	eSg	03	07	20		
10	SHL	iP	04	16	38	R	
10	SHL	iP	06	58	12	C	
10	SHL	iP	10	14	11	C	
10	SHL	ePg	10	35	27		130
		eSg		35	42		
10	Epc: 53.1°N, 171.0°E, depth 20 Kms. H = 10h 39m 51.0s (USCGS).						
	SHL	iP	10	50	22	C	
	DDI	eP	10	50	58		
	POO	eP	10	51	58		
	SHL	iP	10	52	54		
10	SHL	iP	13	30	39	R	
10	Epc: 31.5°S, 71.2°W Near Coast of Central Chile, felt in Santiago Ovallf and Sanjuan, Argentina, depth 64 kms. H= 16h 36m 14.6s. Mag. 6 (Pas), 5¼-5½ (PAL), 5.7 SD 0.9 (CGS).						
	KOD	iPKP	16	55	44	SC	
	BOM	iPKP	16	55	46	EC	16060
		ePP		59	06		
		PKS		59	22		
		PS	17	09	44		
	NDI	ePKP	16	55	49	C	16800
		PP		59	47		
	POO	iPKP	16	55	49	C	

DATE	STN	PHASE	H.	M.	S.		∠ km
10	MDR	e	16	55	56		
	BHK	ePKP	16	55	59	C	
		i		56	17		
	DDI	ePKP	16	56	00		
	VIS	ePKP	16	56	00	R	
		e		59	54		
	PBA	ePKP	16	56	04		
	BOK	iPKP	16	56	07	R	
		e		56	42		
		PP	17	00	23		
		e		01	18		
	CHA	iPKP	16	56	09	C	
	SHL	iPKP	16	56	13	C	
		PP	17	00	51		
10	MDR	ePg	17	33	01		10
		eSg		33	03		
10	KOD	ePn	17	34	12		470
		iSn		34	56		
10	POO	eP	17	37	(09)		
10	MDR	iPg	17	37	21		10
		iSg		37	23		
10	KOD	eP	17	38	49		
10	MDR	iPg	19	01	20	W	10
		iSg		01	22		
10	KOD	ePn	19	02	26		400
		iSn		03	11		
10	POO	eP	19	05	(25)		
10	CHA	eP	21	00	30		
	MDR	e	21	00	57		
	NDI	e	21	01	29		
11	MDR	e	00	04	11		
11	SHL	eP	00	44	36		410
		Pg/PPP		44	49		
		eS		45	21		
		Sg		45	36		
11	HYD	M	02	51	33		
11	SHL	eP	04	29	42		220
		iS		30	08		
11	SHL	eP	05	14	29		170
		eS		14	50		
11	NDI	iSg	06	47	23		
11	NDI	i	07	17	11		
11	BOK	i	08	27	10		
11	SHL	iP	09	42	37	C	
11	NDI	ePg	11	35	30		100
		eSg		35	42		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
11	KOD	eP	11	54	32		
11	KOD	iP	12	13	51		
11	PBA	iPg	13	27	34		55
		iSg		27	40		
11	DDI	eP	13	35	26		
11	VIS	iP	14	24	36	EC	45
		iS		24	41		
11	SHL	iP	14	25	17	R	160
		Pg		25	19		
		PP		25	25		
		iSg		25	36		
11	SHL	iP	16	16	20	C	
11	CHA	iP	16	16	32	R	
11	POO	iP	16	17	55.5		
11	Epc: 38.8°N, 70.6°E, Afghanistan USSR Border Region. Depth 29 Kms (CGS). H= 16h 42m 53.5s (USCGS). Mag. 4.8 (CGS).						
	BHK	eP	16	45	04.8		1000
		i		45	48		
		eS		46	43.5		
		eSS		46	54.6		
		i		47	36.4		
	DDI	iP	16	45	24		1170
		eS		47	26		
	NDI	eP	16	45	39		1270
		eS		47	48		
	CHA	iP	16	47	05	C	2020
		eS		50	26		
	BOK	iP	16	47	26	SER	2220
		eS		51	04		
		LQ		51	14		
		PcS		55	13		
	BOM	eP	16	47	30		2240
		PP		47	50		
		eS		51	12		
		LQ		51	23		
	POO	eP	16	47	32		2380
		eS		51	29		
	SHL	iP	16	47	50	NWR	2500
		eS		51	53		
	HYD	iP	16	47	51	N	2660
		eS		52	06		
	VIS	iP	16	48	08	WC	2790
		iS		52	31		
	KOD	iP	16	48	55.5		3170
		iS		53	43		
	PBA	eP	16	49	34		

DATE	STN	PHASE	H.	M.	S.		∠ km
11	SEH	e	16	51	34		
		e		51	55		
		e		52	32		
	MDR	eS	16	53	29		
11	Epc: 18.4°N, 102.3°E, Michoa Mexico, Depth 72 Kms (CGS). H= 17h 17m 33.8s. Mag. 5¼-5½ (Pal).						
	MDR	ePKP	17	36	19		
	NDI	ePKP	17	36	44	C	14340
		e		40	12		
		SKS		43	31		
		e		53	57		
	CHA	iPKP	17	36	45	C	
	SHL	iPKP	17	36	46	C	
	POO	iPKP	17	36	58		
	VIS	iPKP	17	37	02	C	
	PBA	iPKP	17	37	08	C	
	KOD	iPKP	17	37	36	NR	
11	SHL	eP	18	25	11		210
		Pg		25	15		
		PPP		25	25		
		iS		25	36		
		Sg		25	39		
11	CHA	eP	18	25	54		
11	SHL	iP	18	38	25	C	
	CHA	iP	18	38	31	C	
	NDI	eP	18	38	42	C	
11	DDI	e	19	57	04		
11	DDI	eP	22	41	04		
		i		42	40		
11	NDI	iP	22	41	13	SEC	970
		iS		42	53		
11	CHA	iP	22	42	53	C	
11	POO	eP	22	47	03		
11	Epc: 56.6°N, 152.0°W, Kodaik Island Region. Depth 33 Kms (CGS). H= 23h 00m 24.0s. Mag. 5¾-6(Pal),5.4(CGS).						
	DDI	iP	23	12	41	R	9020
		iS		22	51		
	SHL	iP	23	12	41	C	
	BHK	iP	23	12	49	C	9210
		PP		16	00		
		SKS		23	04		
		e		23	36		
		e		33	09		
	CHA	iP	23	12	52	C	

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DATE	STN	PHASE	H.	M.	S.	∠	km
11	NDI	iP	23	12	58	SWC	
	BOK	e	23	13	03		
	PBA	iP	23	13	37	C	
	POO	eP	23	13	47		
	BOM	eS	23	25	04		
11	NDI	iPg	23	34	27	SEC	70
		eSg		34	35		
12	NDI	e	02	30	30		
12	PBA	ePg	03	19	55		55
		iSg		20	01		
12	DDI	eP	07	57	01		
	SHL	iP	07	57	40	C	
		i		58	12		
12	NDI	e	08	16	53		
12	KOD	eP	08	34	36		
12	BOK	i	08	42	50		
12	NDI	ePg	09	14	04		22
		iSg		14	06.6		
12	SHL	iP	10	46	01	R	470
		iS		46	51		
	CHA	iP	10	46	52	C	
12	CHA	ePg	10	48	29		90
		eSg		48	40		
12	DDI	eP	13	24	40		
		e		26	05		
12	NDI	e	13	26	33		
12	DDI	iP	13	36	06	R	
12	NDI	ePg	13	36	26		60
		eSg		36	53		
12	POO	eP	13	42	14		
12	SHL	ePg	18	08	09		90
		iSg		08	40		
12	SHL	iP	18	28	09	C	
	CHA	iP	18	28	49	R	
12	CHA	eP	18	38	26		
	SHL	eP	18	38	35		720
		PPP		38	50		
		eS		39	51		
12	SHL	iP	23	28	08	C	

12 Epc: 38.1°S 73.0°W Central Chile flet at Conarcion Valdenia and Temuco. Depth 44 Kms.H= 23h 37m 42.1s. Mag. 6 (PAS), 6.4(Brk) 6-6¼(pal). 5.7SD 1.2(CGS).

DATE	STN	PHASE	H.	M.	S.	∠	km
12	KOD	iPKP	23	57	06	C	
		PP		59	46		
	BOM	iPKP	23	57	13	EC	15670
		PP	00	00	14		
		PPP		03	21		
		SKS		04	14		
	POO	iPKP	23	57	15.7		
	MDR	ePKP	23	57	17		15890
		SKKS	00	07	08		
		SKKKS		07	38		
		PS		10	52		
		SS		19	10		
		SSS		24	15		
	PBA	ePKP	23	57	26		
	DDI	ePKP	23	57	28		
		e	00	08	18		
		e		11	55		
	NDI	ePKP	23	57	29		17100
		PP	00	01	28		
		PPP		05	03		
		i		11	44		
		SS		21	12		
		SSS		27	18		
	BHK	iPKP	23	57	30		17100
		PP		01	27		
		PPP		05	06		
		PPS		14	40		
	VIS	ePKP	23	57	32	R	
	BOK	iPKP	23	57	37		
	SHL	iPKP	23	57	40	R	17890
		PP	00	02	09		
	CHA	iPKP	23	57	41	C	
13	POO	e	00	00	37		
		e		11	06		
		e		13	19		
13	NDI	e	02	23	34		
13	DDI	eP	03	02	20		
		e		03	17		
		e		03	53		
13	NDI	iP	03	02	33	SEC	
		e		04	10		
13	POO	eP	03	07	32		

13. Epc: 38.2°S, 73.2°W, Near Coast of Central Chile, felt at Concepcion. Depth 40 Kms(CGS). H= 03h 35m 16.3s. Mag. 5½(Pas) 5½-5¾(PAL). 5.8SD 1.0(CGS).

	KOD	iPKP	03	54	42	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
13	BOM	iPKP	03	54	48	EC	15660
		PP		57	48		
		PPP	04	00	55		
		SKS		01	48		
		SS		16	10		
	POO	iPKP	03	54	50.6	C	
	MDR	ePKP	03	54	51		
	PBA	iPKP	03	55	01	C	
	DDI	iPKP	03	55	03		
		i		55	03		
	NDI	ePKP	03	55	04	C	17000
		PP		59	00		
		SKS	04	02	01		
		SS		17	53		
		SSS		23	33		
	VIS	iPKP	03	55	06	C	
	BOK	iPKP	03	55	09		
	SHL	iPKP	03	55	15	C	
13	HYD	e	04	53	30		
13	PBA	ePg	04	55	01		55
		iSg		55	58		
13	TOC	eP	08	01	11		
		e		01	54		
	SHL	iP	08	01	20	R	310
		eS		01	55		
	CHA	iP	08	02	34	C	
13	BOK	e	08	38	01		
13	POO	iP	09	30	32.5	C	
	NDI	e	09	31	07		
13	NDI	ePn	17	06	53		330
		P*		07	04		
		iSn		07	30		
		eSg		07	42		
13	DDI	iP	18	06	41	R	
13	POO	eP	18	12	46		
13	SHL	iP	21	55	21	C	390
		iS		56	04		
	TOC	e	21	56	31.7		
	CHA	eP	21	57	43		
14	POO	eP	02	21	29		
14	POO	eP	06	28	10		
14	NDI	iP	06	38	51	SWC	
		i		39	01		
	DDI	iP	06	38	54	R	
	CHA	eP	06	39	15		
	KOD	eP	06	44	34		
	POO	e	06	47	46		

DATE	STN	PHASE	H.	M.	S.		∠ km
14	DDI	eP	07	59	22		
14	SHL	iP	08	03	00	C	
		i		05	41		
	TOC	eP	08	03	02.4		
	CHA	eP	08	03	48		
	NDI	e	08	05	33		
14	BOK	e	08	44	14		
14	BOK	e	08	47	02		
14	BOK	e	09	12	14		
14	DDI	e	09	30	40		
	TOC	eP	09	30	40		
	SHL	eP	09	30	46		
	CHA	iP	09	31	45	C	
	NDI	e	09	33	37		
14	DDI	eP	13	57	46		
	NDI	e	13	58	10		
	NDI	e	14	00	07		
14	Epc: 4.8°N, 96.2°E Northern Sumatra, Depth 30 Kms (CGS) H = 16h 33m 28.8 s(USCGS). Mag. 4.9 (CGS).						
	PBA	eP	16	35	26		945
		eS		37	02		
	MDR	eP	16	37	37		1970
		PPP		38	00		
		eS		40	53		
	VIS	iP	16	37	43	EC	2030
		iPP		38	00		
		iS		41	05		
	KOD	iP	16	37	56.5	SEC	
	SHL	iP	16	38	11	R	2310
		iS		41	59		
	BOK	e	16	38	21		
	CHA	iP	16	38	37	C	
	TOC	e	16	38	39		
	POO	eP	16	39	00		
	NDI	iP	16	39	33	SR	
	DDI	iP	16	39	41	R	
	BOM	e	16	44	03		
		e		45	32		
14	Epc: 34.5°N, 24.0°E Depth 33 Kms (CGS) H= 18h 51m 45.8s (USCGS) Mag. 5.0(CGS).						
	DDI	iP	19	00	05	R	
	NDI	eP	19	00	05	C	

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DATE	STN	PHASE	H.	M.	S.		∠ km
14	CHA	iP	19	01	12		
	SHL	iP	19	01	41	C	
14	Epc: 3.8°S, 151.4°E. Depth 33 kms (CGS). H= 19h 16m 00.6s (USCGS). Mag. 5.1 (CGS).						
	SHL	iP	19	26	37	C	
	CHA	iP	19	27	05	C	
	KOD	eP	19	27	41	C	
14	SHL	iPg	19	31	16	R	60
		iSg		31	23		
14	NDI	e	20	11	39		
		e		13	42		
	CHA	eP	20	12	44		
14	Epc: 38.9°N, 70.6°E. Afghanistan USSR Border Region. Depth 33 kms (CGS). H=21h 06m 17.4s Mag. 5.2 (USCGS).						
	DDI	iP	21	08	47	C	1170
		eS		10	46		
	BHK	eP	21	08	29		1010
		eS		10	13		
		SS		10	30		
		e		11	13		
	NDI	iP	21	09	01	SEC	1190
		PPP		09	18		
		P*		09	27		
		S		11	04		
		SS		11	17		
		S*		11	51		
	SEH	iP	21	10	08		1830
		iS		13	11		
	CHA	iP	21	10	27	C	2060
		iS		13	51		
	BOK	eP	21	10	48		2300
		iS		14	35		
		LQ		14	49		
		SS		15	05		
	BOM	eP	21	10	50		2320
		e		10	55		
		PP		11	09		
		eS		14	39		
		LQ		14	44		
		e		15	07		
		SSS		15	25		
		e		16	55		
	POO	iP	21	10	54.5	C	2380
		eS		14	52		
	SHL	iP	21	11	13	SEC	2570
		iS		15	21		

DATE	STN	PHASE	H.	M.	S.		∠ km
14	HYD	iP	21	11	15	N	
Contd.		i		15	34		
	TOC	e	21	11	26.3		
	VIS	iP	21	11	29	WC	
		i		15	55		
	GOA	eP	21	11	33		
	KOD	iP	21	12	18	SC	3170
		eS		17	06		
	MDR	eP	21	12	21		3280
		PP		13	03		
		eS		17	07		
		LQ		18	29		
		SS		18	43		
		SSS		19	03		
	PBA	iP	21	12	59	C	
14	SHL	iP	21	55	43	R	
14	Epc: 31.6°N, 141.6°E. Depth 33 kms (CGS). H=22h 50m 36.5s (USCGS). Mag. 43 (CGS).						
	PBA	e	22	58	43		
	NDI	e	23	00	07		
14	PBA	iPg	23	00	21		90
		iSg		00	31		
	MDR	e	23	09	43		
15	SHL	eP	00	30	39		
15	DDI	e	02	23	46		
		i		23	49		
15	SHL	iP	02	55	25	C	
15	NDI	e	03	17	32		
15	SHL	iP	03	46	37	R	
	POO	eP	03	48	12		
	NDI	i	03	48	17		
15	DDI	e	05	04	12		
15	SHL	iP	05	08	51	R	
15	MDR	ePg	05	12	08		10
		eSg		12	09		
15	SHL	iP	05	24	21		
		iS		24	52		
	TOC	e	05	24	56.7		
15	DDI	e	06	00	19		
15	NDI	eSg	06	00	35		
15	NDI	eP	06	24	36	R	
15	DDI	e	06	49	43		
15	POO	eP	07	02	44		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
15	SHL	iP	07	02	45	R	
15	BOK	e	07	46	11		
15	DDI	e	08	00	02		
15	NDI	e	08	13	46		
15	BOK	i	08	15	05		
15	BOK	e	08	53	05		
15	DDI	iP	09	34	03	C	
15	NDI	ePn	09	49	31		455
		eSn		50	20		
15	TOC	i	15	23	06		
15	NDI	e	17	47	35		
15	Epc: 36.6°N, 140.9°E Depth 53 Kms (CGS) H=17h 59m 35.0s(USCGS) Mag. 4.8(CGS).						
	SHL	iP	18	07	30	C	
	CHA	iP	18	07	59	R	
	DDI	iP	18	08	41	R	
	POO	iP	18	09	44.5	C	
15	NDI	eP	20	32	57	NER	
		e		34	30		
	DDI	iP	20	32	59	C	
	SHL	eP	20	33	41		
	BHK	e	20	33	59		
15	POO	eP	20	37	47		
	CHA	eP	20	38	04		
	BOM	eP	20	39	12		
		e		40	03		
		e		43	58		
	VIS	eP	20	41	48		
	MDR	e	20	41	56		
	SHL	iP	23	15	51	C	
	TOC	i	23	16	37		
15	DDI	eP	23	39	51		
	NDI	iP	23	39	55	WR	1000
		iS		41	38		
15	POO	eP	23	45	45		
16	Epc: 57.0°N, 153.6°W, Kodiak, Island Region, Depth 33 Kms (USCGS). H= 01h 27m 15.3s. Mag. 6¼ (Pas),6(Pal). Mag. 5.7(USCGS).						
	SHL	iP	01	39	28	C	
	BHK	iP	01	39	35		9110
		PP		42	44		
16	BHK	SKS	01	50	06		
Contd.		PS		50	34		
		PPS		50	56		
		SS		55	32		
		SSS		58	53		
	CHA	iP	01	39	36	C	9110
		iS		49	49		
	DDI	iP	01	39	36	R	
	BOK	i	01	39	41		
	NDI	iP	01	39	45	SWC	9250
		PP		43	02		
		iS		50	07		
		ScS		50	18		
		PPS		51	22		
		SS		55	55		
	VIS	eP	01	40	22	WC	10110
		SKS		50	56		
		eS		51	18		
	PBA	iP	01	40	25	C	
		i		51	00		
	BOM	eP	01	40	35		
		PP		44	23		
		SKS		51	09		
		SKKS		51	25		
		PPS		53	37		
	MDR	PP	01	44	48		10750
		SKS		51	25		
		i		51	37		
16	TOC	e	02	31	41		
	SHL	iP	02	31	46	R	
	POO	eP	02	33	20		
	NDI	iP	02	33	25		
16	KOD	ePKP	02	44	56		
16	BOK	e	07	38	14		
16	SHL	iP	08	33	29	C	160
		iSg		33	49		
16	Epc: 35.0°N, 141.5°E, depth 63 Kms (CGS). H = 10h 13m 27.7s(USCGS). Mag. 5.2(CGS).						
	SHL	iP	10	21	26	C	
	DDI	iP	10	22	40	R	
		i		22	51		
	NDI	iP	10	22	49	SWC	
	POO	iP	10	23	41	C	
16	BOM	eP	10	23	46		6920
		eS		32	12		
		e		32	46		
	KOD	iP	10	23	52		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
16	NDI	iP	14	52	37	R	
	PBA	e	14	53	51		
	SHL	iP	14	53	58	R	
16	NDI	eP	15	38	15		940
		eS		39	52		
16	NDI	e	15	53	42		
		e		55	47		
	CHA	eP	15	55	15		
	DDI	i	15	55	31		
		i		57	43		
	SHL	iP	15	55	56	R	
16	NDI	eP	18	18	42	EC	
16	SHL	eP	23	03	04		290
		eS		03	37		
17	BOK	e	01	26	12		
17	NDI	i	05	37	28		
17	PBA	e	06	34	39		
17	POO	eP	11	13	16		
	NDI	e	11	14	51		
		e		15	35		
	KOD	eP	11	16	32		
17	NDI	e	14	05	56		
	SHL	iP	14	06	13	C	
17	MDR	e	14	11	21		
17	POO	eP	14	52	22		
17	NDI	e	15	49	31		
		e		51	04		
17	SHL	iP	19	51	41	C	170
		eS		52	02		
17	SHL	iP	23	54	31	SER	290
		iS		55	04		
		SS		55	15		
	TOC	eP	23	54	31.4		290
		iS		55	02.4		
		SS		55	09.4		
	CHA	eP	23	55	30		720
		iS		56	46		
	BOK	i	23	55	37		
		i		57	01		
	PBA	eP	23	56	34		
	NDI	eP	23	57	39		
18	DDI	eP	00	00	13		
		i		00	31		
	NDI	iS	00	00	14		
	POO	eP	00	01	41		

DATE	STN	PHASE	H.	M.	S.		Δ km
18	BOK	e	01	25	15		
18	NDI	e	03	47	39		
18	SHL	e	04	02	25		
18	TOC	ePg	04	56	55		90
		eSg		57	05.5		
18	SHL	iPg	04	57	07	R	130
		iSg		57	22		
	CHA	iP	04	58	01	C	600
		iS		59	04		
18	BOK	e	04	28	27		
18	DDI	eP	05	02	19		
18	POO	eP	05	04	47		
18	PBA	ePg	05	50	06		35
		iSg		50	09		
18	NDI	i	07	58	08		
		i		58	17		
18	BOK	e	08	09	53		
18	Epc: 12.9°N, 48.3°E, Eastern Gulf of Aden. Depth 57 Kms (CGS) H= 08h 14m 18.8s. Mag. 5.4 (USCGS).						
	BOM	iP	08	19	33	WR	2730
		e		20	02		
		PP		20	07		
		eS		23	52		
		SS		24	45		
	POO	iP	08	19	41		
	KOD	eP	08	20	13	ER	
	NDI	iP	08	20	34	SWR	
	MDR	e	08	20	35		
	DDI	iP	08	20	41	C	
		i		21	54		
	VIS	iP	08	21	00	WC	3830
		ePP		22	24		
		ePPP		22	36		
		eS		26	28		
	BOK	eP	08	21	26		
	CHA	iP	08	21	40	R	
	SHL	iP	08	22	12	R	
	PBA	iP	08	22	19	R	
18	BOK	e	08	48	03		
18	NDI	i(Sg)	09	14	50		
18	SHL	eP	11	29	01		240
		eS		29	29		
18	DDI	eP	12	16	42		
		i		18	20		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
18	NDI	iP	12	16	46	SEC	920
		iS		18	21		
	SHL	iP	12	19	26	R	
18	SHL	iPg	14	53	57	C	60
		iSg		54	04		
18	SHL	iPg	15	53	50		20
		iSg		53	53		
	CHA	eP	15	54	54		720
		iS		56	11		
18	CHA	iP	17	54	21	C	
18	Epc: 34.5°N 69.8°E Afganistan Depth 52 Kms. H=19h 29m 40.5s (USCGS).						
	DDI	eP	19	31	40		
		i		33	29		
	NDI	iP	19	31	44	SEC	900
		iS		33	17		
	SHL	iP	19	34	24	C	
	P00	eP	19	31(19)			
	CHA	iP	19	53	31		
18	DDI	eP	20	00	18		
		i		02	46		
		i		03	31		
	NDI	iP	20	00	21	SEC	920
		iS		01	56		
	CHA	eP	20	02	09		
	SHL	iP	20	03	01	C	
18	P00	eP	20	06	04		
	NDI	i	20	07	40		
18	CHA	iP	20	38	28	C	
18	SHL	eP	21	21	18		300
		eS		21	52		
18	CHA	iP	21	27	10	C	760
		iS		28	29		
18	CHA	iP	21	41	05	R	
18	CHA	eP	22	25	50		
18	PBA	e	23	30	00		
		i		30	11		
18	SHL	iP	23	44	44	C	
19	DDI	eP	00	48	08		
		e		49	28		
	NDI	e	00	48	30		
		e		49	46		
19	BOK	e	01	27	14		
19	NDI	e	08	27	16		
		e		28	24		
19	BOK	e	08	57	25		

DATE	STN	PHASE	H.	M.	S.		Δ km
19	SHL	iP	09	00	54	C	
	NDI	e	09	02	24		
19	BOK	i	09	06	00		
19	NDI	e	10	02	53		
19	NDI	e	16	12	46		
		e		13	30		
19	CHA	iP	17	10	29		
19	SHL	iP	18	04	50	R	
19	NDI	i	18	06	34		
19	Epc: 7.8°S, 130.0°E, depth 33 kms (CGS). H= 19h 28m 30.3s(USCGS). Mag. 5.1 (CGS).						
	SHL	iP	19	37	21	R	
	CHA	eP	19	37	53		
	NDI	e	19	38	50		
19	SHL	iPg	22	28	50		20
		iSg		28	53		
19	NDI	iPg	23	50	01.8	NWR	54
		iSg		50	06.7		
20	BOK	e	01	25	32		
20	NDI	iP	02	43	24	EC	
	P00	eP	02	43	55		
20	SHL	iP	03	04	31	R	
	NDI	iP	03	05	59	R	
20	NDI	iPg	03	12	40.5	NWR	42
		iSg		12	45.4		
20	NDI	iPg	03	19	11.3	NR	45
		iSg		19	16.5		
20	NDI	i	03	31	10		
		i		31	28		
		i		31	44		
20	SHL	iP	05	42	53	C	
	CHA	iP	05	43	25	C	
20	NDI	eP	05	44	21		
20	SHL	iP	06	09	40	C	
	NDI	iP	06	11	09	R	
	P00	eP	06	11	40		
20	SHL	iP	06	52	00	C	
20	P00	eP	06	54	01		
20	BOK	i	08	01	14		
20	BOK	e	08	05	11		
20	SHL	iP	13	33	12	C	
20	SHL	iP	14	10	29	C	
20	SHL	iP	14	36	24	C	2610
		iS		40	35		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
20	CHA	iP	14	36	55	R	
	KOD	iP	14	39	25	C	
20	BOM	e	14	53	48		
		e		56	07		
		e		56	26		
20	SHL	iP	15	38	22	R	
	TOC	e	15	38	46		
20	SHL	iP	15	48	33	C	
	CHA	e	15	49	05		
20	Epc: 18.8°N, 146.9°E. Mariana Islands. Depth 55 kms (CGS). H = 16h 26m 21.2s. Mag. 5.4 (USCGS), 5.2 - 5.4 (Brk), 5.4 S.D. 0.4 (CGS).						
	SHL	iP	16	35	21	C	5640
		eS		42	37		
		PS		42	49		
	CHA	iP	16	35	53	C	
	BOK	e	16	36	02		
	VIS	eP	16	36	24		6730
		i		40	08		
		eS		44	40		
	NDI	iP	16	36	53	C	
	MDR	e	16	36	54		
		i		40	42		
		i		45	41		
	KOD	eP	16	37	16	C	
	POO	e	16	37	21		
	BOM	eP	16	37	28		7810
		PP		40	04		
		eS		46	40		
		PS		47	06		
		ScS		47	06		
		e		48	23		
		LQ		54	38		
20	Epc: 41.7°N, 48.2°E. Eastern Cancasus. Depth 19 kms. H = 16h 42m 03.7s (USCGS) Mag. 5.5 (CGS).						
	DDI	iP	16	47	42	C	
		i		52	27		
	NDI	iP	16	47	45		2990
		iS		52	21		
	POO	eP	16	48	30		
		e		54	54		
		e		59	00		
		e	17	04	56		
	CHA	iP	16	49	00	R	3960
		PP		50	22		

DATE	STN	PHASE	H.	M.	S.		Δ km
20 Contd.	CHA	PPP	16	50	42		
		iS		54	36		
	SHL	iP	16	49	33	C	
	MDR	eP	16	49	41		4370
		PP		51	15		
		eS		55	43		
		SS		58	26		
	KOD	iP	16	49	44.5		
	PBA	iP	16	50	51	C	
20	SHL	iP	17	23	28	C	
20	NDI	e	18	10	30		
20	SHL	iP	20	36	59	R	
20	NDI	e	21	49	48		
20	SHL	iP	22	56	23	C	
21	Epc: 49.8°N, 78.0°E. Depth 0 kms. H = 03h 57m 58s (USCGS). Mag. 5.5 (CGS).						
	BHK	iP	03	02	15	C	
	DDI	eP	04	02	20		
	NDI	iP	04	02	45	SEC	
	CHA	iP	04	03	17	C	
	SHL	iP	04	03	37	C	
	POO	eP	04	04	22		
	KOD	iP	04	05	32	SC	
21	SHL	iPg	06	14	37		120
		iSg		14	51		
21	NDI	e	06	28	52		
21	CHA	iP	06	54	38	C	
21	BOK	e	07	55	09		
21	NDI	i	08	17	20		
21	BOK	e	08	24	54		
21	BHK	eP	08	30	15.6		
		i		30	18.6		
	NDI	ePn	08	30	30		275
		Sn		31	02		
		S*		31	07		
21	BHK	eP*	08	35	44	N	133
		iS*		36	06		
21	DDI	iPn	08	35	47	C	
		ePn		36	03		
	NDI	ePn	08	36	10		290
		P*		36	14		
		eSn		36	48		
		Sg		36	53		
	POO	eP	08	41	14		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
21	Epc: 4.9°N, 95.1°E, depth 66 Kms (CGS). H= 09m 31m 14.4s. Mag. 4.3(USCGS).						
	PBA	e	09	33	02		
	VIS	iP	09	35	13	EC	1802
		iS		38	13		
	MDR	e	09	35	15		
	KOD	iP	09	35	26	NER	
	SHL	eP	09	35	47		
	POO	eP	09	36	33		
	POO	eP	09	41	11		
	NDI	e	09	43	05		
21	POO	eP	11	25	04		
21	SHL	eP	12	13	00		
21	SHL	eP	12	33	15		220
		iS		33	41		
	CHA	iP	12	34	15	C	700
		iS		35	28		
21	Epc: 36.1°N, 141.8°E, near East Coast of Hunsho Japan felt depth 30 kms. H= 15h 45m 25.4s. Mag. 5.5(USCGS).						
	CHA	iP	15	52	31	R	
	SHL	iP	15	53	29	C	4790
		iS		59	56		
	CHA	iP	15	53	57	C	5240
		iS	16	00	50		
	BOM	iP	15	54	13	E	5490
		eS	16	01	20		
		PPS		01	38		
		ScS		03	44		
	DDI	eP	15	54	39		5910
		iS	16	02	09		
	BHK	iP	15	54	45	C	5990
		PP		56	44		
		S	16	02	15		
		PS		02	23		
		ScS		04	33		
		SS		06	00		
	NDI	eP	15	54	49	NC	6050
		eS	16	02	27		
		SS		05	06		
	VIS	iP	15	54	53	WR	6090
		ePPP		58	13		
		iS	16	02	33		
		ePS		02	45		
		eSS		06	19		
		eSSS		08	27		
21	MDR	eP	15	55	28		6720
		eS	16	03	43		
	POO	eP	15	55	40		
	BOM	iP	15	55	48	NER	6940
		iS	16	04	15		
		i		04	23		
		PS		04	36		
		PPS		04	45		
	KOD	eP	15	55	53	R	
21	TOC	e	15	59	30		
21	POO	eP	16	04	07		
	KOD	iP	16	04	27	NE	
21	PBA	Mn	16	21	-		
21	Epc: 24.3°N, 122.2°E, Depth 60 Kms (CGS). H=16h 37m 48.2s(USCGS). Mag. 4.6(CGS).						
	SHL	iP	16	43	31	C	
	CHA	iP	16	44	10	C	
	NDI	eP	16	45	21		
21	Epc: 35.5°N, 142.0°E, off east coast of Honshu Japan felt. Depth 46Kms. H=17h 36m 50s(USCGS). Mag. 5.1 (CGS)						
	SHL	iP	17	44	54	R	4850
		iS		51	24		
	CHA	iP	17	45	23	C	5240
		iS		52	16		
	NDI	eP	17	46	14	C	6050
		eS		53	52		
	VIS	iP	17	46	19	ER	6120
		iS		54	01		
	MDR	eP	17	46	55		6720
		eS		55	10		
	POO	eP	17	47	09		
	BOM	eP	17	47	11		6890
		PP		49	28		
		eS		55	35		
		PS		55	49		
21	DDI	i	17	53	36		
21	NDI	e	22	06	35		
		e		07	00		
21	SHL	iP	22	55	52	C	
21	NDI	eP	22	57	10		
22	Epc: 37.8°S, 73.4°W, Near Coast of Central Chile, Felt Conceptian. Depth 18 kms. H= 03h 06m 32.3s(USCGS). Mag. 5.7 (CGS).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
22	BOM	ePKP	03	26	09		
	P00	iPKP	03	26	11	C	
		ePP		29	38		
		e		42	16		
	NDI	ePKP	03	26	24	R	16670
		PP		30	02		
		SKS		33	21		
		SS		49	43		
		SSS		55	23		
		e		56	40		
	PBA	iPKP	03	26	27	C	
	SHL	iPKP	03	26	35	C	
22	SHL	iP	06	32	10	R	540
		iS		33	07		
	NDI	e	06	37	53		
		e		38	56		
	BHK	e	06	38	05.8		
		i		38	08		
	NDI	iSg	06	45	40		
22	BOK	i	08	05	14		
22	Epc: 36.6°N, 71.1°E, Afghanistan USSSR Border Region. Depth 226kms. H=10h 06m 00.7s(USCGS). Mag. 4.5(CGS).						
	BHK	eP	10	07	40.6		
		e		08	45.8		
		i		08	54.5		
	DDI	iP	10	08	02	C	920
		iS		09	34		
	NDI	iP	10	08	13	SEC	1000
		eS		09	52		
		SS		10	08		
		SSS		10	19		
		S*		10	31		
	P00	iP	10	10	03	C	
	SHL	iP	10	10	28	R	
22	NDI	e	10	28	23		
22	KOD	eP	11	33	42		
22	NDI	e	12	34	35		
22	SHL	iP	12	46	08	C	280
		iS		46	39		
22	SHL	iP	13	10	02	R	
	NDI	eP	13	11	30	R	
22	MDR	ePg	15	23	36		10
		eSg		23	37		
22	KOD	eP	15	25	27		
22	SHL	iP	17	06	51	R	

DATE	STN	PHASE	H.	M.	S.		Δ km
22	NDI	ePg	18	56	34		22
		iSg		56	36.6		
22	SHL	iPg	19	18	02	R	90
		iSg		18	13		
22	MDR	e	19	31	34		
22	NDI	iPg	20	02	24.5	WR	23
		iSg		02	27.2		
22	NDI	iPg	20	04	25.8	SEC	24
		iSg		04	28.6		
22	P00	eP	20	09	20		
22	NDI	iSg	20	21	48		
22	NDI	iPg	21	06	28.2		24
		iSg		06	31		
22	NDI	iPg	21	27	17.5		24
		iSg		27	20.3		
22	NDI	iPg	22	15	16	E	25
		iSg		15	19		
22	Epc: 57.5N, 152.1°W, Kodaik Island Region felt at Kodaik. H=23h 27m 20.5s(USCGS). Depth 22 Kms. Mag. 5.9. S.D. 1.0(CGS).						
	SHL	iP	23	39	36	R	
	BHK	iP	23	39	42	R	
	CHA	iP	23	39	43		
	DDI	iP	23	39	45		
		i		43	04		
	NDI	iP	23	39	52	NWR	
		i		50	13		
	BOK	e	23	39	58		
	PBA	iP	23	40	34	R	
	P00	eP	23	40	42		
23	Epc: 0.9°S, 122.4°E, Northern Celebes. Depth 45 kms(CGS) H = 00h 09m 34.4s. Mag. 6¾(Pas), 6¾-7(Pal), 6.0 S.D. 7.3 (CGS).						
	PBA	iP	00	15	57		
		i		16	10		
		i		17	24		
		i		25	56		
	SHL	iP	00	16	57	SER	4300
		PP		18	33		
		PPP		18	57		
		iS		22	55		
		SSS		26	20		
	TOC	eP	00	16	57		4300
		eS		22	55		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
23	CAL	iP	00	17	17		4480
		iS		23	25		
	VIS	iP	00	17	30	SER	4820
		iPP		19	10		
		eS		23	59		
		PS		24	09		
		PPS		24	19		
		SS		27	11		
		SSS		28	09		
	CHA	iP	00	17	34	SEC	4720
		i		22	26		
		iS		23	57		
		i		24	07		
	BOK	iP	00	17	34	NWC	4690
		PP		19	11		
		PPP		19	52		
		iS		23	55		
		PS		24	10		
	MDR	iP	00	17	41	W	4830
		PP		19	23		
		PPP		19	58		
		iS		24	10		
		SS		27	10		
		LQ		27	48		
		SSS		28	02		
	KOD	iP	00	17	51	SER	1335
		i		20	06		
	SEH	iP	00	18	30		5560
		PcP		19	43		
		iS		25	41		
		PPS		25	51		
	NDI	eP	00	18	36		
	POO	eP	00	18	36		5650
		PP		20	33		
		iS		25	53		
		i		25	57		
		i		26	30		
		i		28	12		
	DDI	iP	00	18	39	R	5700
		iS		25	58		
	NDI	iP	00	18	42	SER	5780
		PcP		19	56		
		PP		20	48		
		iS		26	05		
		PS		26	15		
		PPS		26	52		
		ScS		28	18		
		SS		29	44		
		SSS		31	30		
	BOM	iP	00	18	46	SER	5840
		PP		20	46		
		PcS		23	54		
		e		26	06		
		iS		26	12		
		PS		29	49		

DATE	STN	PHASE	H.	M.	S.		Δ km
23	BHK	iP	00	18	58	R	6030
		PcP		19	58		
		PP		21	09		
		PPP		22	25		
		PcS		24	16		
		iS		26	35		
		PS		26	46		
		PPS		27	02		
		i		27	38		
		ScS		28	48		
		SS		30	39		
		SSS/LQ		32	09		
23	NDI	e	01	13	03		
23	POO	eP	01	19	03		
23	SHL	iP	03	12	47	C	
23	POO	eP	03	14	22		
23	NDI	e	03	14	25		
		e		14	32		
23	KOD	iP	03	24	43.5	NEC	
	NDI	e	03	25	17		
23	SHL	iP	03	29	30	C	
	NDI	eP	03	29	33	C	
	POO	eP	03	31	03		
23	NDI	iP	03	31	09	C	
23	NDI	iPg	03	42	51	EC	23
		iSg		42	53.7		
23	Epc: 0.6°S, 122.0°E. Northern Celebes. Depth 15 kms (CGS) H = 03h 49m 03.4s (USCGS) Mag. 5.3 (CGS).						
	TOC	e	03	56	24.5		
	SHL	iP	03	56	33	C	
	MDR	eP	03	57	14		4860
		eS	04	03	45		
	KOD	iP	03	57	26.5		
	NDI	eP	03	58	12	C	
23	Epc: 26.0°N, 90.4°E. Eastern India. Depth 33 kms (CGS) H = 04h 17m 26s (USCGS) Mag. 5.1 (CGS)						
	SHL	iP*	04	17	49	SEC	130
		PP		17	56		
		iSg		18	05		
		SS		18	18		
	CHA	iPn	04	18	19		340
		Sn		18	55		
		iSg		19	05		
	TOC	eP	04	18	25.5		390
		eS		19	09		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
23	BOK	eP	04	18	38	C	780
		PPP		18	55		
		LQ		19	53		
		iS		19	59		
	VIS	eP	04	20	08		
	DDI	eP	04	20	17		
		i		22	32		
	NDI	eP	04	20	20	R	1190
		iS		22	22		
	POO	eP	04	21	22		
	BOM	e	04	26	47		
23	SHL	iP	05	40	39	C	
23	Epc: 28.4°N, 86.7°E H= 06h 03m 08s (New Delhi)						
	CHA	iPg	06	03	42		180
		iSg		04	03		
	SHL	iP	06	04	30	R	590
		iS		05	32		
	NDI	iP	06	05	01	WC	790
		iS		06	23		
	BOK	e	06	05	12		
	POO	eP	06	06	36		
23	TOC	eP	06	57	33		
	SHL	eP	06	57	35		380
		eS		58	16		
		SSS		58	39		
23	NDI	iSg	07	41	19		
23	SHL	iP	08	11	20	C	240
		eS		11	48		
	TOC	eP	08	11	33		
	CHA	iP	08	12	20	R	770
		iS		13	40		
23	BOK	e	08	16	21		
23	Epc: 0.5S, 122.2°E, Northern Celebus. Depth 79Kms(CGS) H=08h 56m 46s. Mag. 6(PAS), 6-6¼(PAL). 5.8S.M.1.0(CGS).						
	PBA	eP	09	03	03	*	
		PP		04	16		
		e		08	31		
		i		11	04		
	TOC	eP	09	04	01.6		
		e		05	38.6		
	SHL	iP	09	04	08	SER	4260
		PP		05	41		
		iS		10	04		
*		ScS		14	05		
	VIS	iP	09	04	35	E	4670
		iPP		06	19		
		iPPP		06	49		
		iS		10	55		

DATE	STN	PHASE	H.	M.	S.		Δ km
23	BOK	iP	09	04	39	W	4740
		iS		11	03		
		PS		11	12		
		ScS		14	19		
	CHA	iP	09	04	43	C	4790
		iS		11	10		
		PPS		11	21		
		i		12	27		
		ScS		14	44		
	MDR	eP	09	04	47	W	4860
		iP		04	49		
		PP		06	33		
		PPP		07	03		
		eS		11	18		
		SS		14	32		
		SSS		15	15		
	KOD	iP	09	05	02	NWC	5080
		PP		06	48		
		PPP		07	35		
		iS		11	44		
		PS		11	53		
		PPS		12	00		
		ScS		14	46		
		SS		15	02		
		LQ		15	56		
		SS		16	09		
	HYD	iP	09	05	10	S	5110
		iS		11	55		
		SS		15	12		
	SEH	iP	09	05	35		5520
		iS		12	44		
		PS		12	49		
		PPS		12	56		
	POO	iP	09	05	41.5	C	5650
		eS		12	57		
	DDI	iP	09	05	47	C	5780
		iS		13	10		
	NDI	iP	09	05	47	SER	5740
		iS		13	08		
		i		17	16		
		SSS		17	44		
	BOM	iP	09	05	56	SER	5760
		PP		07	55		
		PPP		08	56		
		iS		13	17		
		PPS		13	32		
		SS		16	52		
	BHK	iP	09	06	03	R	5890
		PP		08	02		
		eS		13	32		
23	SHL	eP	09	23	51		
23	SHL	eP	09	38	20		
23	SHL	ePg	09	41	42		110
		iSg		41	55		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
23	SHL	iP	11	14	11	R	
23	SHL	eP	11	49	14		
23	SHL	iP	11	59	36	R	
23	SHL	iP	14	27	07	C	
23	NDI	e	14	28	41		
23	NDI	i	18	02	25		
23	VIS	eP	18	16	14		
	SHL	iP	18	16	55	C	
	BOM	eP	18	16	59		
		e		17	48		
		e		18	03		
		e		18	06		
23	SHL	iP	19	58	32	C	
23	SHL	eP	20	38	43		
23	NDI	ePg	21	26	16		25
		iSg		26	19		
23	KOD	iP	21	57	01	NWR	
23	SHL	iP	23	54	06	R	
24	MDR	ePg	06	19	39		10
		eSg		19	40		
24	KOD	eP	06	21	58		
	MDR	e	06	22	21		
24	NDI	e	07	13	32		
24	SHL	eP	11	25	53		
24	CHA	iP	11	49	49	C	220
		iS		50	15		
24	SHL	ePg	12	09	39		90
		iSg		09	50		
24	POO	eP	14	28	40		
24	NDI	e	15	25	41		
24	CHA	iPg	20	32	58	R	160
		iSg		33	17		
	SHL	iP	20	33	09		310
		iS		33	44		
24	SHL	iP	20	50	29	R	
24	NDI	e	20	59	09		
25	SHL	eP	01	00	48		490
		iS		01	40		
25	POO	eP	04	52	03		
25	SHL	iP*	05	20	58	C	130
		iS*		21	14		
25	NDI	eP	07	35	15		1310
		eS		37	29		
25	POO	eP	07	37	09		
25	POO	eP	08	03	06		
25	MDR	e	08	03	29		
25	Epc: 1.0°N, 122.5°E Norther Celebes, Depth 112 Kms. H=12h 02m 00s.						
25	SHL	iP	12	09	12	R	
	POO	eP	12	10	49		
	NDI	eP	12	10	52		
25	Epc: 30.1°N, 69.9°E, West Pakistan, depth 29 Kms. H= 18h 11m 55s (USCGS). Mag. 4.4(CGS).						
	NDI	ePn	18	13	31		510
		P*		13	43		
		iPg		14	00		
		LQ		14	32		
		Sn		14	47		
		S*		15	05		
		Sg		15	26		
	DDI	iP	18	13	37	R	770
		PP		13	44		
		eS		14	57		
		i		15	57		
	POO	eP	18	14	53		
	BHK	i	18	15	04		
	BOK	eP	18	15	31		
		i		19	54		
	CHA	eP	18	15	33		1900
		eS		18	43		
	SEH	eS	18	15	56		
		i		16	54		
	SHL	iP	18	16	27	C	2230
		eS		20	08		
	MDR	e	18	20	03		
		e		21	58		
	CAL	i	18	21	09		
25	SHL	iPg	21	45	10	C	90
		iSg		45	21		
25	BHK	i	23	18	29		
		i		19	06		
25	CHA	eP	23	21	25		
25	Epc: 41.2°N, 69.3°E, Kirgiz SSR. 10 killed, 100 injured and major Property damage at Tashkent. Depth 33 Kms. H= 23h 22m 52.6s(USCGS). Mag. 5.0(CGS).						
	DDI	iP	23	25	53	C	
		i		28	43		
		i		30	05		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
25	NDI	iP	23	26	10	SEC	1530
		PP		26	21		
		LQ		28	39		
		iS		28	45		
		SS		29	00		
		SS		29	11		
	BOK	e	23	27	49		
	BOM	e	23	27	54		
		e		31	56		
		e		32	04		
	POO	eP	23	27	56		
25	SHL	iP	23	28	11		2730
		eS		32	30		
	VIS	eP	23	28	25		2840
		eS		32	51		
	KOD	iP	23	29	16.5	R	
	POO	e	23	32	11		
	CAL	eS	23	32	39		
	MDR	e	23	35	28		
26	NDI	e	05	33	18		
26	NDI	e	05	48	03		
26	NDI	e	09	52	48		
26	Epc: 24.8°N, 96.5°E, Burma Depth 33 Kms (CGS). H=10h 45m 33s (USCGS). Mag. 4.8 (CGS).						
	TOC	eP	10	46	22		
		e		46	52		
	SHL	iP	10	46	36	R	420
		eS		47	22		
		SS		47	34		
		SSS		47	42		
	CHA	iP	10	47	39	C	930
		eS		49	15		
		i		50	15		
	BOK	e	10	48	07		
	VIS	eP	10	48	07		
	DDI	eP	10	49	31		
		i		55	17		
	NDI	eP	10	49	36		
	MDR	e	10	50	04		
		e		53	40		
	POO	eP	10	50	26		
	BOM	e	10	50	38		
		e		54	38		
		e	11	00	02		
	POO	e	10	54	30		
	KOD	e	10	54	37		
		i		55	11		

DATE	STN	PHASE	H.	M.	S.		Δ km
26	SHL	iP	13	45	15	R	
26	CHA	iPg	15	18	22	C	70
		eSg		18	30		
26	CHA	iPg	15	21	37	C	80
		iSg		21	46		
26	CHA	iPg	15	25	19	C	70
		eSg		25	26		
	CHA	iPg	15	34	44	C	90
		iSg		34	55		
26	CHA	iP	17	11	57	C	240
		iS		12	25		
26	PBA	iPg	17	30	00	C	45
		iSg		30	05		
27	SHL	iP	00	41	33	C	
27	BOK	e	08	40	52		
27	BOK	e	09	01	31		
27	NDI	e	09	38	46		
27	KOD	eP	10	29	52		270
		iS		30	22		
27	MDR	e	10	44	11		
	MDR	e	10	44	15		
27	SHL	iP	11	04	03	C	
27	SHL	e	15	11	26		
		e	11	11	28		
27	NDI	iPg	18	37	04.2	C	105
		iSg		37	16.5		
27	SHL	iP	19	10	31	C	
27	Epc: 38.2°N, 42.7°E. Turkey. Depth 25Kms (CGS). H= 19h 48m 49.8s(CGS).						
	DDI	eP	19	55	00		3370
		i		55	29		
		iS	20	00	00		
	NDI	eP	19	55	03	C	
	POO	eP	19	55	29		
	CHA	iP	19	56	17	C	4360
		iS	20	02	16		
	BOK	iP	19	56	22		
	VIS	eP	19	56	43		
	BOM	e	20	00	41		
		e		02	49		
	MDR	eP2	19	56	42		4620
		PP		58	22		
		PPP		58	53		
		eS	20	02	59		
		SS		06	07		
		LQ		06	17		
	SHL	iP	19	56	50	R	4820
		eS	20	03	19		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
23	SHL	iP	11	14	11	R	
23	SHL	eP	11	49	14		
23	SHL	iP	11	59	36	R	
23	SHL	iP	14	27	07	C	
23	NDI	e	14	28	41		
23	NDI	i	18	02	25		
23	VIS	eP	18	16	14		
	SHL	iP	18	16	55	C	
	BOM	eP	18	16	59		
		e		17	48		
		e		18	03		
		e		18	06		
23	SHL	iP	19	58	32	C	
23	SHL	eP	20	38	43		
23	NDI	ePg	21	26	16		25
		iSg		26	19		
23	KOD	iP	21	57	01	NWR	
23	SHL	iP	23	54	06	R	
24	MDR	ePg	06	19	39		10
		eSg		19	40		
24	KOD	eP	06	21	58		
	MDR	e	06	22	21		
24	NDI	e	07	13	32		
24	SHL	eP	11	25	53		
24	CHA	iP	11	49	49	C	220
		iS		50	15		
24	SHL	ePg	12	09	39		90
		iSg		09	50		
24	POO	eP	14	28	40		
24	NDI	e	15	25	41		
24	CHA	iPg	20	32	58	R	160
		iSg		33	17		
	SHL	iP	20	33	09		310
		iS		33	44		
24	SHL	iP	20	50	29	R	
24	NDI	e	20	59	09		
25	SHL	eP	01	00	48		490
		iS		01	40		
25	POO	eP	04	52	03		
25	SHL	iP*	05	20	58	C	130
		iS*		21	14		
25	NDI	eP	07	35	15		1310
		eS		37	29		
25	POO	eP	07	37	09		
25	POO	eP	08	03	06		
25	MDR	e	08	03	29		
25	Epc: 1.0°N, 122.5°E Norther Celebes, Depth 112 Kms. H=12h 02m 00s.						
25	SHL	iP	12	09	12	R	
	POO	eP	12	10	49		
	NDI	eP	12	10	52		
25	Epc: 30.1°N, 69.9°E, West Pakistan, depth 29 Kms. H= 18h 11m 55s (USCGS). Mag. 4.4(CGS).						
	NDI	ePn	18	13	31		510
		P*		13	43		
		iPg		14	00		
		LQ		14	32		
		Sn		14	47		
		S*		15	05		
		Sg		15	26		
	DDI	iP	18	13	37	R	770
		PP		13	44		
		eS		14	57		
		i		15	57		
	POO	eP	18	14	53		
	BHK	i	18	15	04		
	BOK	eP	18	15	31		
		i		19	54		
	CHA	eP	18	15	33		1900
		eS		18	43		
	SEH	eS	18	15	56		
		i		16	54		
	SHL	iP	18	16	27	C	2230
		eS		20	08		
	MDR	e	18	20	03		
		e		21	58		
	CAL	i	18	21	09		
25	SHL	iPg	21	45	10	C	90
		iSg		45	21		
25	BHK	i	23	18	29		
		i		19	06		
25	CHA	eP	23	21	25		
25	Epc: 41.2°N, 69.3°E, Kirgiz SSR. 10 killed, 100 injured and major Property damage at Tashkent. Depth 33 Kms. H= 23h 22m 52.6s(USCGS). Mag. 5.0(CGS).						
	DDI	iP	23	25	53	C	
		i		28	43		
		i		30	05		

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DATE	STN	PHASE	H.	M.	S.		Δ km
25	NDI	iP	23	26	10	SEC	1530
		PP		26	21		
		LQ		28	39		
		iS		28	45		
		SS		29	00		
		SS		29	11		
	BOK	e	23	27	49		
	BOM	e	23	27	54		
		e		31	56		
		e		32	04		
	POO	eP	23	27	56		
25	SHL	iP	23	28	11		2730
		eS		32	30		
	VIS	eP	23	28	25		2840
		eS		32	51		
	KOD	iP	23	29	16.5	R	
	POO	e	23	32	11		
	CAL	eS	23	32	39		
	MDR	e	23	35	28		
26	NDI	e	05	33	18		
26	NDI	e	05	48	03		
26	NDI	e	09	52	48		
26	Epc: 24.8°N, 96.5°E, Burma Depth 33 Kms (CGS). H=10h 45m 33s (USCGS). Mag. 4.8 (CGS).						
	TOC	eP	10	46	22		
		e		46	52		
	SHL	iP	10	46	36	R	420
		eS		47	22		
		SS		47	34		
		SSS		47	42		
	CHA	iP	10	47	39	C	930
		eS		49	15		
		i		50	15		
	BOK	e	10	48	07		
	VIS	eP	10	48	07		
	DDI	eP	10	49	31		
		i		55	17		
	NDI	eP	10	49	36		
	MDR	e	10	50	04		
		e		53	40		
	POO	eP	10	50	26		
	BOM	e	10	50	38		
		e		54	38		
		e	11	00	02		
	POO	e	10	54	30		
	KOD	e	10	54	37		
		i		55	11		

DATE	STN	PHASE	H.	M.	S.		Δ km
26	SHL	iP	13	45	15	R	
26	CHA	iPg	15	18	22	C	70
		eSg		18	30		
26	CHA	iPg	15	21	37	C	80
		iSg		21	46		
26	CHA	iPg	15	25	19	C	70
		eSg		25	26		
	CHA	iPg	15	34	44	C	90
		iSg		34	55		
26	CHA	iP	17	11	57	C	240
		iS		12	25		
26	PBA	iPg	17	30	00	C	45
		iSg		30	05		
27	SHL	iP	00	41	33	C	
27	BOK	e	08	40	52		
27	BOK	e	09	01	31		
27	NDI	e	09	38	46		
27	KOD	eP	10	29	52		270
		iS		30	22		
27	MDR	e	10	44	11		
	MDR	e	10	44	15		
27	SHL	iP	11	04	03	C	
27	SHL	e	15	11	26		
		e	11	11	28		
27	NDI	iPg	18	37	04.2	C	105
		iSg		37	16.5		
27	SHL	iP	19	10	31	C	
27	Epc: 38.2°N, 42.7°E. Turkey. Depth 25Kms (CGS). H= 19h 48m 49.8s(CGS).						
	DDI	eP	19	55	00		3370
		i		55	29		
		iS	20	00	00		
	NDI	eP	19	55	03	C	
	POO	eP	19	55	29		
	CHA	iP	19	56	17	C	4360
		iS	20	02	16		
	BOK	iP	19	56	22		
	VIS	eP	19	56	43		
	BOM	e	20	00	41		
		e		02	49		
	MDR	eP2	19	56	42		4620
		PP		58	22		
		PPP		58	53		
		eS	20	02	59		
		SS		06	07		
		LQ		06	17		
	SHL	iP	19	56	50	R	4820
		eS	20	03	19		

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DATE	STN	PHASE	H.	M.	S.		△ km
27	HYD	e	20	11	11		
27	CHA	eP	20	29	50		
27	SHL	iP	22	23	10	C	
	TOC	e	22	23	38		
	CHA	iP	22	24	09		740
		iS		25	26		
	NDI	e	22	26	10		28
		e		28	55		
27	SHL	iP	22	42	01	C	
28	NDI	e	00	35	42		
28	NDI	iP	09	09	40	NEC	
		i		09	56		
28	BOK	e	10	01	25		
28	NDI	e	10	26	53		
		e		27	33		
28	NDI	eP	10	50	40		1350
		eS		52	57		
28	SHL	IPg	11	47	32	NER	70
		iSg		47	40		
		SS		47	59		
		SSS		48	08		
	TOC	e	11	47	57		
		e		48	20		
	CHA	iP	11	48	25	C	
		i		49	41		
	BOK	e	11	48	57		
	POO	eP	11	51	32		
	VIS	eP	11	52	18		
28	SHL	iPg	16	01	38	C	80
		iSg		01	47		
28	BOK	i	17	21	19		
		e		25	31		
28	Epc: 4.3°N, 62.7°E, CarlsBerg Ridge. Depth= 33Kms (CGS). H= 18h 08m 58.3S (USCGS). Mag. 5.0 (CGS).						
	KOD	iP	18	12	45	ER	
	BOK	iP	18	13	00		
		e		13	43		
		e		15	54		
		eSS		16	35		
		e		17	25		
	POO	eP	18	13	05		1840
		eS		16	09		
		e		26	12		
	MDR	eP	18	13	23		
		e		17	18		
		e		20	00		
	HYD	eP	18	13	32		
		iS		17	27		

DATE	STN	PHASE	H.	M.	S.		△ km
28	VIS	eP	18	14	15		
	CHA	eP	18	15	28		
	SHL	iP	18	15	51	C	
28	POO	eP	18	55	08		
28	CHA	iP	19	48	11	C	
28	CHA	iP	22	45	53	C	
28	CHA	iP	23	02	47	R	
29	NDI	ePn	00	17	11	NWR	300
		P*		17	15		
		eSn		17	45		
29	POO	eP	00	19	45		
29	NDI	iP	01	59	16	NWR	
29	BOK	e	09	59	00		
29	KOD	iP	10	02	13	SEC	
29	SHL	eP	11	33	39		990
		eS		35	21		
29	KOD	ePn	11	48	29		280
		iSn		49	01		
29	NDI	e	12	14	50		
		e		17	45		
29	BOK	e	12	47	22		
29	PBA	ePg	13	06	05		55
		iSg		06	12		
29	CHA	iP	15	03	30	C	390
		iS		04	12		
29	NDI	ePg	15	31	22		13
		iSg		31	23.5		
29	SHL	iPg	20	41	44	R	90
		iSg		41	55		
29	BHK	i	21	02	35		
	NDI	e	21	03	30		
29	CHA	iPg	21	46	03	C	180
		iSg		46	23		
29	Epc: 52.2°N, 160.5°E off East Coast of Kamchatka. Depth 33 Kms (CGS). H= 23h 03m 40s. Mag. 4.5 (USCGS).						
	SHL	iP	23	13	26	C	
	CHA	iP	23	13	41		
	POO	eP	23	15	11		
30	SHL	iPg	00	41	39	R	120
		iSg		41	53		
30	SHL	ePg	03	28	23		70
		eSg		28	31		
30	NDI	iP	03	47	28	SEC	

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DATE	STN	PHASE	H. M. S.		Δ km
30	BOK	i	09 15 53		
30	SHL	eP	09 20 41		
30	DDI	eP	10 23 14		
		e	24 49		
	NDI	eP	10 23 26		940
		eS	25 03		
	SHL	eP	10 25 50	R	
30	NDI	eP	12 13 01	R	
30	SHL	ePg	12 15 04		120
		iSg	15 18		
30	Epc: 41.0°N, 72.1°E. Kirgiz SSR. Depth 19 kms (CGS) H = 13h 41m 09.1s Mag. 5.1 (USCGS).				
	BHK	eP	13 43 44.4		1030
		PPP	44 01		
		LQ	45 21		
		eS	45 30		
		SS	45 42		
		i	47 36		
	DDI	iP	13 43 55	R	1250
		iS	46 03		
	NDI	iP	13 44 14	NC	1360
		i	46 26		
		iS	46 32		
	CHA	iP	13 45 27	C	
		i	49 06		
	BOK	iP	13 45 51	SEC	2290
		PcP	49 50		
		iS	49 38		
30	SHL Contd.	iP	13 46 10	R	2570
		iS	50 18		
	POO	eP	13 46 13		2570
		eS	50 21		
		e	53 08		
	VIS	eP	13 46 37		2880
		eS	51 05		
	SEH	e	13 48 36		
		i	48 42		
		i	51 14		
	BOM	eS	13 50 09		
		e	52 42		
		e	53 14		
		e	54 56		
	CAL	i	13 50 25		
	HYD	eS	13 50 49		
30	SHL	iP	19 58 16	C	
30	SHL	iP	20 28 50	R	
30	SHL	iP	21 39 08	R	310
		eS	39 43		
	TOC	e	21 39 43		
30	NDI	eP	22 46 16		960
		eS	47 55		
30	NDI	e	23 24 08		

List of Felt Earthquake Report from Voluntary Observers for the month of April, 1966.

S.No.	Station	Date in G.M.T	Time in G.M.T h. m.	No. of shocks	Duration (secs)	Intensity (R.F.scale)	Remarks
1.	Banihal	06	01 49	1	30	V	
2.	Banihal	06	01 50	1	30	V	
3.	Srinagar	06	01 53	a couple of simultaneous shocks	-	V	
4.	Shillong	23	04 15	1	15	V	
5.	Shillong	28	11 50	2	40	VII	

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Bombay, Colaba				
01	00	Shock in progress		
	06	2	0.3	2.8
	12	3	0.4	2.7
			0.3	1.8
	18	3	0.4	2.6
			0.3	2.0
02	00	3	0.4	2.7
			0.3	2.0
	06	3	0.4	3.0
			0.3	2.1
	12	3	0.4	2.9
			0.3	1.9
	18	3	0.4	2.9
			0.3	2.0
03	00	3	0.4	2.8
			0.3	2.0
	06	3	0.4	3.0
			0.3	2.1
	12	3	0.4	2.9
			0.3	1.9
	18	3	0.4	5.9
			0.3	1.9
04	00	3	0.3	5.5
			0.3	1.6
	06	3	0.4	5.8
			0.3	2.5
	12	3	0.4	5.8
			0.3	2.7
	18	3	0.4	5.8
			0.3	2.5
05	00	3	0.4	5.8
			0.3	2.7
	06	3	0.4	5.7
			0.3	2.4
	12	3	0.4	5.9
			0.3	3.0
	18	3	0.4	5.9
			0.3	2.8
06	00	3	0.4	5.8
			0.3	2.0
	06	-	-	-
	12	2	0.3	2.7
	18	3	0.3	5.8
			0.3	3.0
			0.3	2.0
07	00	2	0.3	3.0
	06	Calibration		
	12	2	0.3	2.3
	18	2	0.3	2.3
08	00	3	0.3	4.9
			0.2	2.0
	06	2	0.3	2.3
	12	2	0.3	2.5
	18	2	0.3	2.5
Station: Bombay, Colaba				
09	00	2	0.3	2.5
	06	2	0.3	2.6
	12	3	0.4	4.4
			0.3	2.6
	18	3	0.4	5.1
			0.3	2.0
10	00	3	0.4	4.7
			0.3	2.1
	06	3	0.4	5.0
			0.3	2.2
	12	3	0.4	5.5
			0.3	2.2
	18	Shock in progress		
11	00	-	-	-
	06	2	0.3	2.1
	12	3	0.4	5.5
			0.3	2.0
	18	3	0.4	5.8
			0.3	2.0
12	00	Surface Waves		
	06	3	0.4	5.0
			0.3	2.0
	12	3	0.4	5.4
			0.3	2.0
	18	2	0.3	2.1
13	00	Shock in progress		
	06	2	0.3	2.1
	12	3	0.4	5.6
			0.3	2.2
	18	3	0.3	2.9
			0.3	1.9
14	00	2	0.3	2.3
	06	2	0.3	2.7
	12	3	0.4	4.5
			0.3	2.0
	18	3	0.4	4.1
			0.3	2.0
15	00	3	0.4	3.0
			0.3	2.0
	06	3	0.4	4.2
			0.3	2.1
	12	3	0.4	5.0
			0.3	2.7
	18	3	0.4	5.2
			0.3	2.1
16	00	3	0.4	2.9
			0.3	2.0
	06	3	0.3	5.0
			0.3	2.5
	12	3	0.3	5.4
			0.3	2.3
	18	3	0.3	5.3
			0.3	2.3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station:- Bombay, Colaba				
17	00	3	0.3	2.5
			0.2	1.8
	06	3	0.3	5.6
			0.3	2.3
	12	3	0.4	5.4
			0.3	2.5
	18	2	0.3	2.0
18	00	3	0.4	2.9
			0.3	2.0
	06	3	0.4	3.0
			0.3	2.0
	12	3	0.4	4.0
			0.3	2.1
	18	3	0.4	2.9
			0.3	2.0
19	00	3	0.4	2.9
			0.3	2.0
	06	3	0.3	2.6
			0.2	1.8
	12	3	0.3	2.7
			0.3	2.0
	18	3	0.5	2.7
			0.3	2.0
20	00	3	0.5	2.7
			0.3	1.9
	06	3	0.4	2.9
			0.3	2.1
	12	3	0.4	2.9
			0.3	2.0
	18	3	0.4	3.0
			0.3	1.9
21	00	3	0.5	3.0
			0.3	2.0
	06	3	0.9	3.0
			0.2	1.8
	12	3	0.6	2.9
			0.3	1.9
	18	Shock in progress		
22	00	3	0.5	2.0
			0.3	1.5
	06	3	0.4	2.9
			0.3	2.0
	12	3	0.4	2.8
			0.3	1.8
	18	2	0.3	2.3
23	00	2	0.3	2.3
	06	2	0.3	2.1
	12	2	0.3	2.4
	18	2	0.3	2.5
24	00	3	0.3	3.7
			0.3	2.6
	06	2	0.3	2.3
	12	3	0.4	3.6
			0.3	1.9
	18	3	0.4	4.0
			0.3	2.0
25	00	3	0.4	3.8
			0.3	2.7
	06	3	0.4	3.9
			0.3	2.1
	12	3	0.3	3.7
			0.3	1.9
	18	3	0.4	3.9
			0.3	2.0
26	00	3	0.4	3.8
			0.3	1.9
	06	3	0.4	3.9
			0.3	2.0
	12	2	0.3	2.0
	18	3	0.4	2.9
			0.3	1.7
27	00	3	0.4	3.5
			0.3	2.0
	06	3	0.4	3.0
			0.3	2.0
	12	3	0.4	3.8
			0.3	2.0
	18	3	0.4	3.8
			0.3	2.0
28	00	3	0.4	3.8
			0.3	2.0
	06	3	0.5	3.5
			0.3	1.9
	12	3	0.4	3.7
			0.3	2.0
	18	3	0.5	4.0
			0.3	4.0
29	00	3	0.4	4.0
			0.3	2.0
	06	3	0.5	4.0
			0.4	2.8
	12	3	0.4	4.0
			0.4	2.9
	18	3	0.9	4.0
			0.4	2.9
30	00	3	1.0	5.2
			0.4	3.1
	06	3	0.8	4.7
			0.4	3.0
	12	3	0.7	5.0
			0.4	3.0
	18	3	0.9	4.8
			0.5	3.0
Station: BOKARO				
01	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	3	0.3	5.0
02	00	3	0.4	5.2
	06	...	-	-
	12	...	-	-
	18	...	-	-

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec
Station: BOKARO				
03	00	...	-	-
	06	3	0.3	5.0
	12	3	0.3	5.4
	18	3	0.3	5.2
04	00	3	0.3	5.4
	06	3	0.4	5.8
	12	3	0.3	5.6
	18	3	0.3	7.2
05	00	3	0.3	6.4
	06	3	0.3	6.8
	12	3	0.3	6.0
	18	3	0.3	5.8
06	00	3	0.3	6.4
	06	...	-	-
	12	3	0.3	5.6
	18	3	0.3	4.2
07	00	3	0.3	6.0
	06	3	0.3	6.0
	12	3	0.4	5.8
	18	3	0.4	5.4
08	00	3	0.3	6.0
	06	3	0.3	5.6
	12	3	0.4	6.2
	18	3	0.3	2.4
09	00	3	0.3	4.0
	06	3	0.3	3.4
	12	3	0.3	5.4
	18	3	0.3	5.6
10	00	3	0.3	4.4
	06	3	0.2	5.4
	12	3	0.2	5.6
	18	3	0.3	5.2
11	00	3	0.3	5.4
	06	3	0.3	5.8
	12	3	0.3	5.8
	18	3	0.3	6.4
12	00	...	-	-
	06	3	0.2	5.8
	12	3	0.3	6.6
	18	3	0.3	6.0
13	00	...	-	-
	06	3	0.4	6.8
	12	3	0.3	5.2
	18	3	0.3	5.0
14	00	3	0.3	5.2
	06	3	0.3	6.8
	12	3	0.3	7.0
	18	3	0.3	6.2
15	00	3	0.3	5.8
	06	3	0.3	6.0
	12	3	0.3	5.8
	18	3	0.3	6.0
16	00	3	0.3	5.0
	06	3	0.3	5.4
	12	3	0.3	6.2
	18	3	0.3	5.8
17	00	3	0.3	6.2
	06	3	0.3	5.0
	12	3	0.3	6.2
	18	3	0.3	5.8
18	00	3	0.3	5.6
	06	3	0.2	5.0
	12	3	0.3	4.8
	18	3	0.2	4.8
19	00	3	0.3	3.2
	06	3	0.3	3.0
	12	3	0.3	3.0
	18	3	0.2	4.0
20	00	3	0.3	4.8
	06	3	0.5	5.8
	12	3	0.2	4.6
	18	3	0.2	5.0
21	00	3	0.2	5.0
	06	3	0.3	5.4
	12	3	0.3	5.6
	18	...	-	-
22	00	3	0.2	5.0
	06	3	0.3	5.6
	12	3	0.2	5.2
	18	3	0.2	4.6
23	00	...	-	-
	06	3	0.2	4.8
	12	3	0.2	5.2
	18	3	0.3	5.4
24	00	3	0.3	4.4
25	06	3	0.3	5.8
	12	3	0.3	5.4
	18	3	0.2	4.6
25	00	3	0.3	5.0
	06	3	0.2	4.8
	12	3	0.2	5.4
	18	3	0.3	5.0
26	00	3	0.3	5.2
	06	3	0.3	4.6
	12	3	0.3	5.0
	18	3	0.2	4.6
27	00	3	0.2	4.8
	06	3	0.2	4.4
	12	3	0.3	4.6
	18	3	0.2	4.4
28	00	3	0.2	4.6
	06	3	0.3	4.2
	12	3	0.3	4.6
	18	3	0.3	4.6

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: BOKARO				
29	00	3	0.3	5.4
	06	3	0.3	4.6
	12	3	0.4	4.4
	18	3	0.4	4.6
30	00	3	0.4	4.8
	06	3	0.5	5.0
	12	3	0.5	4.6
	18	3	0.4	4.6
Station: CALCUTTA				
01	00	3	0.3	3.4
	06	3	0.2	3.6
	12	3	0.2	3.0
	18	3	0.6	3.2
02	00	....		
	06	.....		
	12	2	0.4	3.0
	18	3	0.6	2.0
03	00	3	0.8	2.0
	06	3	0.6	2.0
	12	3	0.8	1.4
	18	3	0.6	2.0
04	00	3	0.4	1.4
	06	3	0.6	1.8
	12	2	0.6	1.6
	18	2	0.6	1.5
05	00	2	0.6	1.6
	06	3	0.4	1.3
	12	3	0.4	1.2
	18	3	0.6	1.4
06	00	....		
	06	....		
	12	2	0.8	1.1
	18	1	1.0	1.2
07	00	1	0.8	1.0
	06	1	0.8	2.2
	12	1	0.8	2.2
	18	1	0.8	2.6
08	00	1	1.8	2.4
	06	1	2.0	2.4
	12	1	2.0	2.4
	18	1	2.2	2.0
09	00	1	1.0	1.6
	06	3	0.8	1.0
	12	3	0.6	0.8
	18	3	0.4	0.6
10	00	1	0.8	1.2
	06	3	0.4	1.4
	12	3	0.6	0.8
	18	3	0.6	0.6
11	00	3	0.6	0.8
	06	3	0.6	0.8
	12	3	0.4	0.8
	18	3	0.6	0.8
12	00	3	0.4	1.8
	06	3	0.4	1.6
	12	3	0.4	1.6
	18	3	0.4	1.4
13	00	1	1.2	1.8
	06	3	0.6	0.8
	12	3	0.8	0.6
	18	1	1.0	1.4
14	00	1	1.0	1.6
	06	1	0.8	1.6
	12	1	0.6	1.2
	18	1	0.6	1.8
15	00	1	0.8	1.6
	06	1	1.0	1.6
	12	1	0.8	1.4
	18	1	0.9	1.6
16	00	1	1.0	1.6
	06	1	0.8	1.6
	12	1	0.6	1.4
	18	1	0.6	1.6
17	00	3	0.6	0.8
	06	3	0.6	0.8
	12	3	0.4	0.5
	18	3	0.5	0.8
18	00	3	0.5	0.6
	06	3	0.4	0.6
	12	3	0.5	0.8
	18	....		
19	00	....		
	06	....		
	12	1	0.6	1.2
	18	1	0.6	1.0
20	00	....		
	06	....		
	12	3	0.4	0.6
	18	....		
21	00	....		
	06	3	0.4	0.6
	12	....		
	18	3	0.4	0.6
22	00	1	1.2	1.0
	06	1	0.8	1.0
	12	1	1.0	1.2
	18	1	1.0	1.2
23	00	....		
	06	1	1.0	1.0
	12	1	0.8	1.0
	18	1	0.8	1.0
24	00	....		
	06	1	0.8	1.0
	12	1	0.6	0.8
	18	1	0.6	1.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: CALCUTTA				
25	00	1	0.6	1.0
	06	1	0.6	1.0
	12	1	0.8	1.2
	18	1	0.8	1.0
26	00	....		
	06	1	0.8	1.2
	12	....		
	18	....		
27	00	1	0.8	1.2
	06	3	0.4	0.8
	12	3	0.6	1.0
	18	3	0.4	0.8
28	00	1	0.8	1.0
	06	1	0.8	1.2
	12	1	0.6	1.0
	18	1	0.6	0.8
29	00	2	1.2	1.2
	06	2	1.2	1.6
	12	2	1.2	2.0
	18	2	1.5	2.2
30	00	2	1.2	2.4
	06	2	1.0	2.0
	12	2	0.8	2.2
	18	2	0.8	2.5
Station: MADRAS				
01	00	...	Earthquake	
	03	2	0.3	5.1
	06	2	0.3	5.1
	12	2	0.3	5.1
	18	2	0.3	5.1
02	00	2	0.3	5.0
	03	2	0.3	5.0
	06	2	0.3	5.1
	12	2	0.3	5.1
	18	2	0.2	5.2
03	00	3	0.3	5.4
	03	3	0.2	5.3
	06	3	0.3	5.3
	12	3	0.3	5.5
	18	3	0.3	7.3
04	00	3	0.4	7.1
	03	...	Earthquake	
	06	3	0.4	6.9
	12	3	0.3	6.3
	18	3	0.3	6.8
05	00	3	0.3	6.5
	03	3	0.3	6.3
	06	3	0.3	6.2
	12	3	0.3	6.3
	18	3	0.3	5.7
Station: MADRAS				
06	00	3	0.3	5.7
	03	3	0.3	5.3
	06	3	0.3	5.4
	12	3	0.3	5.7
	18	3	0.3	5.4
07	00	3	0.3	5.6
	03	3	0.3	5.7
	06	3	0.3	5.9
	12	3	0.3	5.7
	18	3	0.3	6.1
08	00	3	0.3	5.7
	03	...	Earthquake	
	06	3	0.3	6.3
	12	3	0.4	6.2
	18	3	0.3	6.0
09	00	3	0.3	5.4
	03	3	0.3	5.2
	06	3	0.3	5.1
	12	3	0.3	5.1
	18	3	0.3	5.1
10	00	3	0.3	5.1
	03	3	0.3	5.0
	06	3	0.3	5.3
	12	3	0.3	5.0
		2	0.1	3.1
	18	3	0.3	5.4
		2	0.1	3.0
11	00	3	0.3	5.1
		2	0.1	3.1
	03	3	0.3	5.1
	06	3	0.3	5.3
	12	3	0.3	5.7
	18	3	0.3	5.9
12	00	...	Earthquake	
	03	3	0.3	5.1
	06	3	0.3	5.0
	12	3	0.3	5.1
	18	3	0.3	5.6
13	00	...	Earthquake	
	03	3	0.3	5.9
	06	3	0.3	5.7
	18	3	0.3	5.9
14	00	3	0.3	5.7
	03	3	0.3	5.5
	06	3	0.3	5.3
	12	3	0.4	5.4
	18	3	0.3	5.8
15	00	3	0.3	5.8
	03	3	0.3	5.5
	06	3	0.3	5.2
	12	3	0.3	5.5
	18	3	0.3	5.5

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: MADRAS				
16	00	3	0.3	5.1
	03	3	0.3	5.0
	06	3	0.3	5.0
	12	3	0.4	5.5
	18	3	0.3	5.1
17	00	3	0.3	5.1
	03	3	0.3	5.1
	06	3	0.3	5.1
	12	...	No record	
	18	3	0.3	5.0
		2	0.1	2.5
18	00	3	0.3	4.9
		2	0.1	2.6
	03	3	0.4	5.1
		2	0.2	2.5
	06	2	0.2	3.1
	12	2	0.3	3.1
	18	2	0.4	3.1
19	00	2	0.3	3.2
	03	2	0.3	3.1
	06	2	0.3	3.1
	12	2	0.3	3.1
	18	2	0.3	3.1
20	00	2	0.2	3.1
	03	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	3	0.3	4.8
21	00	3	0.3	4.8
		2	0.1	3.1
	03	3	0.3	4.9
		2	0.2	3.0
	06	3	0.3	4.9
		2	0.2	3.0
	12	3	0.3	5.0
		2	0.2	3.0
	18	...	Earthquake	
22	00	2	0.2	3.0
	03	2	0.2	2.9
	06	...	No record	
	12	2	0.2	3.1
	18	2	0.2	3.1
23	00	2	0.2	3.1
	03	2	0.2	3.1
	06	...	No record	
	12	2	0.2	2.7
	18	2	0.3	3.2
24	00	2	0.3	3.3
	03	2	0.4	3.2
	06	2	0.3	3.2
	12	2	0.3	3.2
	18	2	0.3	3.2
25	00	2	0.3	3.2
	03	2	0.3	3.3
	06	2	0.3	3.2
	12	3	0.3	5.3
	18	3	0.3	5.3
		2	0.2	3.2
26	00	2	0.2	3.1
	03	2	0.2	3.1
	06	2	0.2	3.2
	12	2	0.2	3.3
	18	2	0.2	3.3
27	00	2	0.3	3.3
	03	2	0.3	3.3
	06	2	0.3	3.4
	12	2	0.3	3.4
	18	2	0.3	3.4
28	00	2	0.4	3.5
	03	2	0.5	3.5
	06	2	0.5	3.7
	12	2	0.5	3.6
	18	2	0.5	3.7
29	00	2	0.6	3.6
	03	2	0.7	3.6
	06	2	0.9	3.9
	09	1	1.2	4.0
	12	1	1.4	4.1
	15	1	1.4	4.2
	18	1	1.5	4.3
	21	1	1.9	4.5
30	00	1	2.3	5.0
	03	1	2.3	4.8
	06	1	2.4	4.7
	09	1	2.2	4.7
	12	1	2.3	4.7
	15	1	2.2	4.5
	18	1	2.2	4.1
	21	1	2.5	4.0
Station: PORT BLAIR				
01	00	3	0.4	6
	06	3	0.2	4
	12	3	0.2	4
	18	3	0.2	4
02	00	3	0.2	4
	06	3	0.2	4
	12	3	0.2	6
	18	3	0.4	7
03	00	3	0.4	8
	06	3	0.8	8
			1.2	8
	12	3	0.8	8
			1.2	8
	18	3	0.8	8
			1.2	8

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR				
04	00	3	0.8	8
			1.2	8
	06	3	1.2	8
	12	3	1.2	8
	18	3	1.2	7
05	00	3	0.8	7
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
06	00	3	0.2	6
			0.4	6
	06	3	0.2	4
	12	3	0.2	4
	18	3	0.2	4
07	00	3	0.4	6
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.2	6
08	00	3	0.2	6
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
09	00	3	0.2	6
	06	3	0.2	4
	12	3	0.2	4
	18	3	0.2	4
10	00	3	0.2	4
	06	3	0.2	4
	12	3	0.4	6
	18	...	-	-
11	00	3	0.4	6
	06	3	0.4	6
	12	3	0.4	7
	18	3	0.4	7
12	00	...	-	-
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
13	00	....	-	-
	06	3	0.4	6
	12	3	0.4	6
			0.8	7
	18	3	0.4	6
14	00	3	0.4	6
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
15	00	3	0.4	7
	06	3	0.4	7
	12	3	0.4	7
	18	3	0.4	7
16	00	3	0.4	7
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
17	00	3	0.4	6
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
18	00	3	0.4	5
	06	3	0.4	5
	12	3	0.4	3
	18	3	0.4	3
19	00	3	0.2	3
	06	3	0.2	3
	12	3	0.2	33
	18	3	0.2	3
20	00	3	0.2	3
	06	3	0.2	3
	12	3	0.2	3
	18	3	0.2	3
21	00	3	0.2	3
	06	3	0.2	3
	12	...	-	-
	18	...	-	-
22	00	...	-	-
	06	3	0.2	6
	12	3	0.3	6
	18	3	0.2	6
23	00	3	0.2	6
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
24	00	3	0.8	6
	06	3	0.8	7
	12	3	0.8	7
	18	...	-	-
25	00	...	-	-
	06	...	-	-
	12	3	0.8	6
	18	3	0.8	6
26	00	3	0.8	6
	06	3	0.8	3
	12	3	0.8	6
	18	3	0.8	6
27	00	3	0.8	6
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
			0.4	7
28	00	3	0.8	3
	06		0.8	3
			0.4	7
	12	3	0.8	2
	18	3	1.2	3
29	00	...	-	-
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR				
30	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
Station: SHILLONG				
01	00	...	-	-
	06	3	0.3	4.2
	12	3	0.4	4.0
	18	3	0.3	5.0
02	00	3	0.4	4.4
	06	3	0.3	4.2
	12	3	0.4	4.0
	18	3	0.4	4.4
03	00	3	0.3	4.0
	06	...	-	-
	12	3	0.3	5.0
	18	3	0.4	4.0
04	00	3	0.4	4.0
	06	3	0.4	4.0
	12	3	0.4	4.0
	18	...	-	-
05	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	3	0.3	3.8
06	00	3	0.3	4.0
	06	...	-	-
	12	3	0.4	4.2
	18	3	0.3	4.0
07	00	3	0.3	4.2
	06	3	0.4	4.2
	12	3	0.3	4.0
	18	3	0.3	4.0
08	00	3	0.4	5.0
	06	3	0.3	4.0
	12	3	0.4	4.0
	18	3	0.4	4.2
09	00	3	0.3	3.6
	06	3	0.5	5.0
	12	3	0.4	4.2
	18	3	0.3	4.0
10	00	3	0.3	4.0
	06	3	0.3	4.8
	12	3	0.3	4.0
	18	3	0.3	3.6
11	00	3	0.4	4.0
	06	3	0.4	4.2
	12	3	0.3	3.8
	18	3	0.3	4.0
12	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	...	-	-
Station: SHILLONG				
13	00	...	-	-
	06	3	0.4	4.0
	12	3	0.3	4.0
	18	3	0.4	4.4
14	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	...	-	-
15	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	...	-	-
16	00	...	-	-
	06	3	0.4	4.4
	12	3	0.4	5.0
	18	3	0.3	4.4
17	00	3	0.4	5.0
	06	3	0.4	5.0
	12	3	0.5	4.4
	18	3	0.4	5.0
18	00	3	0.4	4.2
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.3	3.8
19	00	3	0.3	3.2
	06	3	0.2	3.2
	12	3	0.3	3.6
	18	...	-	-
20	00	...	-	-
	06	3	0.3	3.8
	12	3	0.3	4.0
	18	3	0.3	4.0
21	00	3	0.4	4.0
	06	3	0.4	4.2
	12	3	0.3	4.0
	18	...	-	-
22	00	3	0.3	3.4
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.3	3.6
23	00	...	-	-
	06	3	0.3	4.2
	12	3	0.4	4.0
	18	3	0.4	4.6
24	00	3	0.4	4.0
	06	3	0.4	4.0
	12	3	0.4	4.2
	18	3	0.4	4.4
25	00	3	0.4	3.8
	06	3	0.4	4.0
	12	3	0.3	3.8
	18	3	0.4	3.8

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: SHILLONG				
26	00	3	0.3	3.8
	06	3	0.4	4.0
	12	3	0.3	4.0
	18	3	0.3	4.0
27	00	3	0.4	4.2
	06	3	0.3	4.0
	12	3	0.4	4.0
	18	3	0.3	3.8
28	00	3	0.3	4.0
	06	3	0.3	3.8
	12	3	0.3	3.8
	18	3	0.3	3.8
29	00	3	0.3	3.6
	06	3	0.3	4.0
	12	3	0.4	4.2
	18	3	0.4	4.4
30	00	3	0.4	4.2
	06	3	0.4	4.0
	12	3	0.5	4.2
	18	3	0.4	5.0
Station: VISAKHAPATNAM				
01	00	A ...	-	-
	06	2	0.6	5.3
	12	2	0.5	5.3
	18	2	0.5	4.9
02	00	2	0.3	4.3
	06	2	0.5	5.1
	12	2	0.4	4.8
	18	2	0.3	4.5
03	00	B 00	-	-
	06	2	0.4	4.7
	12	2	0.4	5.3
	18	2	0.4	4.6
04	00	2	0.4	4.3
	06	2	0.9	5.6
	12	2	0.7	5.2
	18	2	0.5	5.9
05	00	2	0.5	4.6
	06	2	0.4	4.0
	12	2	0.5	4.7
	18	2	0.4	4.3
06	00	B 00	-	-
	06	2	0.5	5.2
	12	2	0.4	4.7
	18	2	0.5	5.3

A = Earthquake in progress
B = Microseismics not measurable
C = No record due to quaterly calibration of Seismographs.

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: VISAKHAPATNAM				
07	00	2	0.4	4.1
	06	2	0.5	5.2
	12	2	0.4	4.7
	18	2	0.6	5.3
08	00	2	0.5	5.1
	06	2	0.6	5.4
	12	2	0.5	4.8
	18	2	0.6	5.3
09	00	2	0.2	2.5
	06	2	0.3	2.5
	12	2	0.3	2.5
	18	2	0.6	5.1
10	00	B 00	-	-
	06	2	0.2	2.0
	12	2	0.2	2.2
	18	2	0.2	2.0
11	00	B 00	-	-
	06	2	0.5	4.9
	12	2	0.5	4.4
	18	2	0.4	4.5
12	00	B 00	-	-
	06	2	0.5	4.8
	12	2	0.6	4.9
	18	2	0.4	4.6
13	00	A....	-	-
	06	2	0.4	4.3
	12	2	0.5	4.1
	18	2	0.2	2.5
14	00	2	0.2	2.5
	06	2	0.6	4.8
	12	2	0.6	5.3
	18	2	0.5	4.6
15	00	2	0.6	4.7
	06	2	0.6	4.8
	12	2	0.6	5.2
	18	2	0.4	4.9
16	00	2	0.5	5.1
	06	2	0.8	5.2
	12	2	0.3	2.5
	18	2	0.6	4.8
17	00	2	0.3	2.4
	06	2	0.6	5.1
	12	2	0.5	5.1
	18	2	0.4	3.5
18	00	2	0.4	4.7
	06	2	0.6	4.7
	12	2	0.4	3.8
	18	2	0.5	4.7
19	00	2	0.5	4.7
	06	2	0.5	4.5

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Station: VISAKHAPATNAM

DATE	HOUR GMT	K	MEAN Amplitude	MEAN Period
19	12	2	0.4	4.9
	18	2	0.5	4.7
20	00	2	0.4	4.3
	06	2	0.6	5.2
	12	2	0.4	4.9
	18	2	0.5	4.9
21	00	B 00	-	-
	06	2	0.6	5.0
	12	2	0.4	4.5
	18	A....	-	-
22	00	2	0.3	4.1
	06	2	0.7	4.9
	12	C....	-	-
	18	2	0.3	4.0
23	00	2	0.4	4.3
	06	2	0.4	4.1
	12	A....	-	-
	18	2	0.5	4.1
24	00	2	0.4	4.0
	06	2	0.4	5.0
	12	2	0.5	4.7
	18	2	0.4	4.4
25	00	2	0.3	4.1

Station; VISAKHAPATNAM

DATE	HOUR GMT	K	MEAN Amplitude	MEAN Period
25	06	2	0.8	5.4
	12	2	0.5	5.1
	18	2	0.4	4.5
26	00	2	0.3	4.0
	06	2	0.5	4.8
	12	2	0.4	4.3
	18	2	0.5	4.3
27	00	2	0.3	4.0
	06	2	0.5	4.1
	12	C....	-	-
	18	2	0.4	4.1
28	00	2	0.4	3.7
	06	2	0.5	4.3
	12	2	0.4	4.1
	18	2	0.4	3.6
29	00	2	0.4	4.0
	06	2	0.5	4.1
	12	3	0.5	4.0
	18	3	0.4	4.4
30	00	3	0.6	4.8
	06	3	1.0	5.3
	12	3	0.9	4.8
	18	3	0.6	4.7

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

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SHRI C. RAMASWAMY
DIRECTOR GENERAL OF OBSERVATORIES.

JUN 2 7 1967

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List of Seismograph Stations with their Instruments and Constants

Station and abbreviation	Latitude o ' N	Longitude o ' E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Tg	Vamax	Damping h_1	Constant h_2	Paper speed mm/min.
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500		1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1	1	20
						N	1.01	1 17	5500	1	1	20
						E	1.02	1 15	5600	1	1	20
Bokaro	23.47	85.53		Rock	Press Ewing	Z	15	100			1	15
BOK						N	15	100			1	15
						E	15	94			1	15
					Sprengnether	E	7.3	7.3	5000		1	30
					Wood Anderson	N	0.8	0.8	940	1		30
						E	0.8	0.8	950	1		30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	N	12	12	250	0.7		8
BOM						E	12	12	250	0.7		8
					Sprengnether	E	7.3		5000		1	30
					Benioff	Z	"		"		1	30 for LP Galvanometer 60 for SP
Calcutta	22.32	88.20	7 Milne Shaw	Alluvium	Milne-Shaw	E	12		250	0.7		8
CAL			6 Omori Ewing		Omori-Ewing	E	19		30	"		25.4
						N	15		32			25.4
					Sprengnether	N	7.0	7.0	1000		1	30
Chatra	26.50	87.10	161	Sand stone	Benioff	Z	0.72	0.45	-	-		60
CHA					Wood-Anderson	N	0.8		1000	1		30
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		15
						E	12		250	1		15
					Wanner Accelerograph	ZNE	0.1		50	0.6		600
Delhi	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.5	7.5	5000		1	30
NDI					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.75	50K for		1	50
						N	1.0	0.75	50K TE=1		1	50
						E	1.0	0.77	50K sec		1	60
					Sprengnether	Z	15	100	1500 for		1	15
					(LP)	N	15	100	1500 TE=15		1	15
						E	15	100	1500 sec		1	15
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3	-		1	60
DDI					Wood-Anderson	N	0.8		970	1		30
						Z	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Sprengnether	Z	15	100 for TE=15 sec	1500	1	1	30
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5	-		1	30
GOA						E	7.4	7.4	5000		1	30
						N	7.5	7.5	5000		1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		243.5	0.7		8
HYD						N	12		250.2	0.7		8
Kodaikanal	10.14	77.28	2345	Rock	Benioff	Z	1.0	0.75	100K for		1	60
KOD					(SP)	N	1.0	0.75	100K TE=1		1	50
						E	1.0	0.75	100K secs		1	50
					Sprengnether	Z	15	100	1500 for		1	30
					(LP)	N	15	100	1500 TE=15		1	30
						E	15	100	1500 secs		1	30
					Milne-Shaw	E	12		250	0.7		8
Madras	13.00	80.11	15		Sprengnether	Z	7.5	7.5			1	30
MDR												
Poona	18.32	75.51	560	Deccan Trap	Benioff	Z	1.0	0.75	50K for		1	60
POO					(SP)	N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.75	50K secs		1	50
					Sprengnether	Z	15	100	3000 for		1	15
					(LP)	N	15	100	1500 TE=15		1	15
						E	15	100	1500 secs		1	15
Port Blair	11.40	92.43			Milne-Shaw	Z	12		250	0.7		30
PBA					Wood-Anderson	N	2.0		890	0.7		30
						E	0.8		810	0.8		30
Sehore	23.10	77.05			Benioff	Z	1.0	1.6	-		1	
SEH					Wood Anderson	N	0.8		860	1		30
						E	0.8		950	1		30
Shillong	25.34	91.53	1500	Quartzite Sandstone (Shillong Quartzite)	Benioff (SP)	Z	1	0.75	200K for		1	60
SHL						N	1	0.75	200K TE=1		1	60
						E	1	0.75	200K sec		1	60
					Press-Ewing	Z	15	100	3000 for		1	30
					(LP)	N	15	100	3000 TE=15		1	30
						E	15	100	3000 secs		1	30
					Sprengnether	E	5.7	5.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
				Wanner Accelerograph	Z,N,E	0.1		Nearly 50	0.6		600
Tocklai	26 45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1		60
TOC												
Visakha patnam	17 43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
VIS					Wood Anderson	E	2.0		950	1		30
						N	0.8		950	1		30
				Electromagnetic(S.P.)		Z	1.55	1.55	6000	1	1	50

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DATE	STN	PHASE	H.	M.	S.	/	km	Λ	km
01	SHL	eP*	00	15	56				
		iS		16	12				
01	SHL	iP	00	53	07	R			
01	SHL	iP	04	49	39	C			
01	SHL	iPg	10	16	21	R	100		
		iSg		16	33				
01	SHL	iP	11	01	35	R			
01	CHA	iP	11	02	04	R			
01	NDI	iP	11	02	53	SER			
01	POO	eP	11	03	02				
01	NDI	e	11	12	47				
01	SHL	iP	12	14	44	C			
01	SHL	iP	13	07	00	C			
01	SHL	eP	13	24	34				
01	POO	eP	13	26	06				
01	BHK	iP	16	42	15	R			
		i		43	44				
01	Epc: 8.5°S, 74.3°W Peru-Brazil Border region. H=16h 22m 56.3s, depth 165kms Mag. 6¾ (Pas). 5.7 SD 0.9 (CGS).								
	DDI	iPKP	16	42	17				
	NDI	iPKP	16	42	19				
		i		42	21				
		i		42	24				
		i		43	01				
		i		43	04				
	BOM	iPKP	16	42	20	EC			
		e		43	00				
	POO	iPKP	16	42	21.9	C			
		e		43	03				
		e		46	25				
		e		55	55				
	KOD	iPKP	16	42	28	NC	444		
		i		43	16				
	CHA	iP	16	42	33	R			
		i		43	31				
		i		53	07				
	BOK	iPKP	16	42	34	C			
		i		53	09				
		i		54	14				
	SHL	iPKP	16	42	37	R			
		i		43	13				
		i		53	23				
	PBA	iP	16	42	46	C			
		i		43	07				
		i		54	12				
01	VIS	ePKP	16	43	06				
		i		53	17				
	MDR	ePKP	16	43	21				
		e		53	07				
01	SHL	iPg	17	19	31	C			
		iSg		19	41				
01	SHL	eP	17	38	05				270
		eS		38	35				
01	SHL	iP	18	38	30	C			
		i		40	20				
	NDI	iP	18	39	58	NER			
	POO	eP	18	40	44				
01	SHL	iPg	21	24	55	R			90
		iSg		25	05				
01	CHA	iP	21	25	55	C			
		i		27	03				
01	SHL	iP	22	48	15	C			
02	CHA	iPg	04	35	31	R			
02	NDI	i	05	01	01				
02	CHA	iPg	07	17	31	C			20
		iSg		17	33				
02	BOK	e	08	54	33				
02	POO	eP	09	12	05				
02	CHA	iPg	09	21	37	R			
02	SHL	iPg	09	29	20	R			60
		iSg		29	26				
02	BOK	e	09	38	15				
02	SHL	iP	10	03	22	C			
02	DDI	eP	10	04	41				
	NDI	iP	10	04	41	R			
	BHK	eP	10	04	45				
	POO	eP	10	04	47				
02	NDI	iP	10	43	43	C			
02	NDI	eP	11	15	13				
	KOD	iP	11	15	33	NWR			
02	DDI	eP	13	01	14				
	NDI	iPn	13	01	23	C			370
		iSn		02	02				
02	CHA	eP	14	02	24				
02	SHL	iP	16	47	17	C			4360
		iS		53	18				
	KOD	eP	16	47	25	SEC			
	CHA	iP	16	47	47	C			1000
		S		49	30				

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DATE	STN	PHASE	H.	M.	S.	∠	km
02	POO	iP	16	48	19.5	C	
	NDI	iP	16	48	43	NWC	
	DDI	iP	16	48	46	R	
02	NDI	eP	16	55	54		
02	SHL	iPg	17	42	37	R	80
		iSg		42	46		
02	CHA	iP	20	48	07	C	
02	POO	eP	20	57	19		
02	Epc: 38.0°N, 42.6°E H=23h 12m 22.9s, depth 41kms. Mag. 4.8 (CGS).						
	NDI	eP	23	18	33		
	CHA	eP	23	19	48		
	SHL	iP	23	20	23	R	
02	SHL	iP	23	32	13	C	
02	NDI	i	23	47	56		
03	SHL	iP	03	03	21	C	
03	SHL	iPg	03	11	21		130
		iSg		11	36		
03	NDI	eP	04	01	37		
03	KOD	iP	05	18	30.5	NWC	
03	SHL	iP	12	18	13	C	
03	POO	eP	12	19	39		
03	NDI	i	13	30	43		
03	NDI	i	15	29	58		
03	NDI	ePn	16	01	32		230
		eSn		01	59		
03	Epc: 10.9°N, 141.8°E H = 18h 43m 32.9s, depth 30 km. Mag. 5.6 (CGS).						
	SHL	iP	18	52	22	R	
	CHA	iP	18	52	55	R	
	POO	eP	18	54	25		
03	SHL	iPg	18	55	01	R	110
		iSg		55	14		
03	CHA	iP	19	20	29	C	
03	NDI	eP	19	57	46		950
		iS		59	23		
03	CHA	eP	20	41	53		
03	SHL	iP	22	24	54	R	160
		eSg		25	13		
	TOC	e	22	25	37.5		

DATE	STN	PHASE	H.	M.	S	∠	km
04	SHL	eP	00	11	17		
04	NDI	eP	06	18	45		
		eS		20	18		
	BOM	iPg	06	19	08	SWC	33
		e		19	09		
		eSg		19	12		
	POO	iP	06	19	13.5		
	KOD	e	06	23	14		
04	NDI	eP	06	45	25		
	KOD	iP	06	46	44.5	EC	
	SHL	iP	06	46	59	R	
04	NDI	eP	06	49	34		900
		eS		52	00		
04	SHL	iPg	07	46	33	WR	70
		iSg		46	41		
		PPP		46	48		
	CHA	iP	07	47	26	C	500
		i		48	33		
		Sg		48	43		
	BOK	e	07	48	26		
		i		48	53		
	POO	eP	07	54	09		
04	BOK	e	09	08	47		
04	BOK	e	09	14	35		
04	SHL	eP	10	50	33		
04	KOD	iP	11	27	24	NEC	
04	SHL	iP	12	03	17	R	
04	KOD	eP	12	17	57		
04	NDI	eP	13	39	42		
	NDI	eP	13	39	49		
04	NDI	i	17	03	27		
04	SHL	iP	17	11	18	C	
	NDI	i	17	12	55		
04	NDI	e	18	36	36		
04	SHL	iPg	18	44	35	R	30
		iSg		44	37		
04	DDI	eP	21	49	21		
04	NDI	i	21	50	23		
04	NDI	eP	21	56	52		
	CHA	iP	21	57	59	C	
	SHL	iP	21	58	31	R	
04	DDI	eP	22	02	23		

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DATE	STN	PHASE	H.	M.	S.	Δ Km		∠ Km
04	SHL	iPg	23	13	49	R	80	
		iSg		13	58			
05	SHL	iPg	02	43	36	R	80	
		eSg		43	45			
05	SHL	iPg	03	16	58	R	80	
		iSg		17	07			
05	NDI	i	04	15	17			
05	CHA	iPg	04	23	54	R	130	
		iSg		24	10			
05	SHL	iP	06	42	35	C		
		i		44	46			
	KOD	iP	06	43	54	NWR		
	NDI	eP	06	44	17			
	POO	eP	06	44	25			
05	SHL	iP	06	49	59	C		
	CHA	iP	06	50	12	C		
	NDI	eP	06	50	37			
	POO	eP	06	51	31			
05	BOK	e	08	24	47			
05	SHL	iPg	10	40	28	R	80	
		iSg		40	37			
05	MDR	Pg	13	02	01		10	
		Sg		02	02			
	KOD	eP	13	03	48			
05	Epc: 24.4°N, 122.6°E in Taiwan Region. H= 14h 21m 22.7s, depth 60 kms. Mag. 5¾-6(Pas), 6-6¼(Pal).5.7(CGS).							
	SHL	iP	14	27	07	NWC	3080	
		iS		31	49			
		LQ		32	58			
		SSS		33	30			
	TOC	eP	14	27	09			
05	CAL	eP	14	27	45		3460	
		PP		29	00			
		iS		32	51			
		SSS		34	10			
	CHA	iP	14	27	45	C	3550	
		PP		28	58			
		S		32	57			
		PcS		34	02			
		LQ		34	45			
		SS		35	07			
		SSS		35	13			
		ScS		38	12			
	BOK	eP	14	27	58		3730	
		PP		29	14			
05 Contd.	BOK	PPP	14	29	24		3730	
		iS		33	20			
		SS		35	17			
		SSS		35	43			
	VIS	eP	14	28	31		4110	
		PP		29	57			
		PcP		30	38			
		eS		34	17			
	PBA	i	14	28	47			
		i		34	24			
	DDI	iP	14	28	52		4370	
		eS		34	54			
	NDI	iP	14	28	57	NWC	4510	
		i		29	14			
		PP		30	40			
		iS		35	07			
		i		35	39			
		SS		38	07			
		SSS		38	40			
		LR		40	46			
	BHK	iP	14	29	03	C	4570	
		PPP		30	56			
		iS		35	17			
	MDR	eP	14	29	07		4650	
		PP		30	54			
		PcP		31	02			
		PPP		31	12			
		eS		35	26			
		SSS/ScS		39	11			
	SEH	i	14	29	12			
		i		29	30			
		i		30	37			
	POO	iP	14	29	27	C		
		e		31	44			
		e		36	18			
		e		40	22			
	KOD	iP	14	29	35		5035	
		PcP		31	09			
		PPP		32	05			
		iS		36	16			
		PS		36	20			
		PPS		36	28			
		SS		39	30			
		LQ		40	20			
		SSS		40	32			
	BUM	iP	14	29	46	SWC	5140	
		PcP		31	22			
		PP		31	32			
		PPP		32	11			
		eS		36	33			
		e		36	56			
		ScS		39	37			
		SSS		40	56			
	HYD	eS	14	35	24			

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DATE	STN	PHASE	H.	M.	S.	∠ km
05	SHL	iP	15	17	04	C
05	CHA	iP	15	37	09	
05	SHL	ePg	15	39	20	90
		iSg		39	30	
05	NDI	eP	16	04	02	
05	CHA	iP	16	04	37	C
05	TOC	e	17	41	32.5	
05	SHL	iP	17	41	42	R 20
		iSg		41	42	
05	SHL	iP	20	45	29	C
05	CHA	iP	20	46	06	C
05	NDI	iP	20	47	19	R
06	Epc: 22.3°N, 93.0°E H= 00h 08m 27s. Depth 65 Kms (New Delhi.					
	SHL	iP	00	09	19	R 360
		iS		09	58	
		S*		10	04	
		SSS		10	19	
	CAL	iP	00	09	33	390
		iS		10	15	
	TOC	eP	00	09	39	490
		iS		10	27	
		i		10	53	
	BOK	iP	00	10	04	680
		iS		11	15	
	CHA	eP	00	10	07	780
		S		11	28	
		i		12	37	
	VIS	eP	00	11	03	1140
		eS		13	00	
	MDR	eP	00	11	55	1600
		PPP		12	11	
		eS		14	36	
		SSS		15	02	
	DDI	iP	00	12	02	C
	NDI	eP	00	12	02	1590
		i		12	05	
		iS		14	43	
	KOD	eP	00	12	45	
	BOM	eP	00	12	48	2040
		PP		13	03	
		eS		16	11	
		e		18	11	
		e		20	13	

DATE	STN	PHASE	H.	M.	S.	∠ km
06	SEH	eS	00	14	36	
		e		14	46	
06	POO	eP	00	27	36	
06	SHL	eP	00	31	02	
06	KOD	iP	02	12	23	NWC
06	POO	eP	02	46	01	
	NDI	eP	02	46	54	
		i		47	04	
06	SHL	iP	02	48	02	R
06	SHL	iP	03	58	43	R
06	NDI	eP	04	01	33	R
06	Epc: 2.9°S, 122.2°E, H= 07h 00m 27.9s. Depth 33 kms. Mag. 5.2(CGS).					
	SHL	iP	07	08	08	C
	CHA	iP	07	08	41	R
	NDI	iP	07	09	44	R
	DDI	eP	07	09	47	
	KOD	eP	08	12	06	
06	BOK	i	08	16	19	
06	BOK	e	08	49	51	
06	NDI	i	09	17	13	
06	SHL	iP	15	24	19	C 240
		iS		24	47	
06	SHL	iP	16	16	34	R
	NDI	e	16	18	03	
	POO	eP	16	18	32	
06	NDI	eP	16	26	06	
06	CHA	iP	17	32	21	R
06	SHL	iP	18	30	17	C
	CHA	iP	18	30	55	C
06	NDI	i	18	32	07	
06	NDI	eP	19	28	34	
06	SHL	iPg	20	55	11	R
		iSg		55	25	
06	CHA	ePg	21	00	10	170
		Sg		00	32	
06	SHL	iP	22	47	16	C
06	CHA	iPg	23	28	38	
06	POO	iP	23	43	53.5	C
07	NDI	iP	04	02	45	NER

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
07	POO	eP	09	42	04		
07	SHL	iP	09	55	29	R	4440
		eS		01	28		
07	KOD	iP	09	56	23	NEC	
	NDI	i	09	57	10		
	VIS	iP	09	57	01	ER	
07	DDI	iP	09	57	11	C	
07	PBA	e	12	36	35		
		i		36	38		
07	NDI	eP	13	15	10		560
		eS		16	09		
	DDI	eP	13	16	18		
	POO	eP	13	16	30		
	CHA	iP	13	17	18	C	
	KOD	iP	13	17	31.2	C	
	SHL	iP	13	17	49	R	
07	SHL	iP	16	31	02	R	
	CHA	iP	16	31	38	R	
	DDI	eP	16	32	46		
07	NDI	i	18	23	51		
07	Epc: 34.6°N, 70.7°E H=18h 28m 18.6s, depth 16 kms. Mag. 4.4(CGS).						
	BHK	eP	18	30	11		820
		eS		31	37		
	DDI	eP	18	30	12		850
		eS		31	41		
		i		32	21		
	NDI	iP	18	30	18	NWR	930
		i		30	32		
		iS		31	45		
	CHA	iP	18	32	07	C	
	SHL	iP	18	32	58	C	
	POO	e	18	35	50		
07	NDI	eP	19	44	41		
07	SHL	eP	20	57	13		
	CHA	e	20	57	42		
07	NDI	eP	21	13	43		
07	TOC	eP	21	34	13		
	SHL	eP	21	34	22		570
		eS		35	22		
07	NDI	i	22	16	11		
07	CHA	iP	22	17	21	C	
	SHL	iP	22	17	52	C	
08	SHL	iP	00	17	27	C	
08	NDI	i	01	28	06		
08	SHL	eP	01	34	15		
	NDI	eP	01	35	15		
	POO	eP	01	35	55		
	HYD	i	01	58	57		
08	SHL	eP	03	06	37		
08	POO	eP	06	45	55		
08	SHL	iP	08	38	54	C	
	DDI	eP	08	39	45		
	NDI	iP	08	39	55	NR	
	POO	eP	08	40	53		
08	TOC	eP	09	22	43		
	SHL	eP	09	22	49		260
		iS		23	18		
08	SHL	eP	09	37	43		
08	TOC	eP	09	37	47		
08	SHL	iPg	12	02	35	R	90
		iSg		02	46		
08	SHL	iP	12	34	57	R	
	CHA	iP	12	35	29	C	
08	DDI	eP	13	24	41		
		i		25	52		
		i		27	46		
08	DDI	eP	15	29	46		
		i		31	23		
	NDI	iP	15	29	59		980
		i		30	01		
		iS		31	41		
08	SHL	iP	18	00	14	R	
	POO	eP	18	01	10		
08	SHL	iPg	20	44	13	R	20
		iSg		44	16		
09	NDI	i	00	09	41		
09	CHA	i	00	13	04		
09	Epc: 34.5°N, 26.5°E in Crete H= 00h 42m 55.6s, depth 33 kms. Mag. 5.5 (CGS).						
	BHK	iP	00	50	45	C	
		i		01	13		

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DATE	STN	PHASE	H.	M.	S.		Δ km
09	DDI	iP	00	50	56	R	
	NDI	eP	00	50	57		4790
		eS		57	24		
	BOM	iP	00	51	01	SEC	4890
		PcP		52	48		
		PPP		56	39		
		eS		57	33		
		SS	01	00	42		
	POO	iP	00	51	10		
		e		53	47		
		e	01	01	24		
	CHA	iP	00	52	03	R	5810
		S		59	28		
	BOK	eP	00	52	06		
	KOD	iP	00	52	08		6050
		eS		59	45		
	MDR	iP	00	52	12	W	5920
		eS		59	43		
		SS	01	03	18		
		SSS/LQ		05	10		
	VIS	e	00	52	14		
	SHL	e	00	52	35		
		i	01	01	59		
09	POO	eP	02	06	03		
	NDI	eP	02	06	05	R	
	SHL	iP	02	07	52	C	
09	NDI	iP	03	58	30	C	
	CHA	iP	03	59	41	C	
	KOD	iP	03	59	51	NC	
09	SHL	iP	04	00	10	C	
09	NDI	eP	04	04	22		
09	DDI	iP	06	16	31	R	
	NDI	iP	06	16	31	C	
	CHA	iP	06	17	39	R	
	KOD	iP	06	17	41	NC	
	SHL	iP	06	18	09	C	
09	POO	eP	06	23	54		
	NDI	iP	06	24	51	R	
09	TOC	i	06	25	32		
09	SHL	eP.	06	25	48		500
		iS		26	41		
09	SHL	iP	06	36	55	C	
09	NDI	eP	07	28	50		

DATE	STN	PHASE	H.	M.	S.		Δ km
09	NDI	i	10	37	57		
09	SHL	eP	13	20	51		290
		iS		21	24		
09	NDI	i	13	45	31		
09	DDI	eP	18	33	43		
		i		37	43		
09	NDI	eP	18	48	38		
		e		51	10		
	SHL	iP	18	50	41	C	
09	SHL	iPg	21	04	21	C	90
		iSg		04	31		
09	SHL	eP	21	19	37		
09	DDI	eP	21	24	52		
09	SHL	eP	22	18	33		
10	SHL	iP	05	44	58	R	
10	SHL	iP	07	18	53	R	170
		eS		19	14		
10	POO	eP	07	55	36		
10	TOC	eP	08	48	53		
		i		49	03		
		i		49	19.5		
	SHL	iP	08	48	59	C	
	CHA	iP	08	49	59	R	750
		S		51	17		
		S&SSS		51	40		
	NDI	e	08	51	57		
10	NDI	eP	08	54	49		
10	NDI	iPg	08	56	56	SEC	67
		iSg		57	04		
10	BOK	i	09	04	15		
10	SHL	iP	10	17	02	R	
	NDI	iP	10	18	13	NWC	
	POO	eP	10	19	11		
10	BOK	e	10	48	44		
10	SHL	iP	11	43	01	C	2700
		eS		47	18		
10	BOK	e	11	53	37		
10	SHL	iP	19	23	38	R	
	TOC	e	19	23	53.8		
10	NDI	e	19	51	09		

10 Epc: 51.8°N, 99.0°E in USSR-Mangolia border.
H= 21h 04m 04.0s, deptn 2 Kms
Mag. 4.9 (CGS).

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DATE	STN	PHASE	H.M.S.	Δ km	
10	BHK	iP	21 09 43		
		i	20 24		
DD	DDI	iP	21 09 44	C	3290
		eS	14 19		
	CHA	iP	21 09 45	R	
	SHL	iP	21 09 48	R	3040
		iS	14 28		
	NDI	eP	21 10 00		
	POO	eP	21 11 30		
	KOD	iP	21 12 24		
	MDR	e	21 20 49		
	BOM	e	21 25 30		
		e	28 23		
		e	29 31		
10	NDI	ePn	21 42 18		390
		iSn	43 01		
	DDI	eP	21 42 50		
10	NDI	eP	22 00 03		990
		eS	01 45		
	SHL	eP	22 02 24		

11 Epc: 34.6°N, 69.9°E, Afghanistan.
H= 01h 55m 56.7s, depth 27 kms.
Mag. 5.1 (CGS).

BHK	ePn	01 55 34		720
	P*	55 48		
	Pg	56 04		
	eSn	56 53.4		
	S*	57 10.7		
DDI	iP	01 55 58		930
	Pg	56 41		
	LQ	57 22		
	eS	57 35		
	SS	57 47		
	SSS	57 59		
	Sg	58 26		
NDI	iP	01 56 02		NWR910
	PPP	56 16		
	iPg	56 41		
	iS	57 36		
SEH	iP	01 57 03		1445
	PP	57 11		
	PPP	57 22		
	i	57 57		
	LQ	59 24		
	iS	59 30		
	i	59 52		
BOM	eP	01 57 35		1690
	PP	57 45		
	eS	02 00 25		

DATE	STN	PHASE	H. M. S.	Δ km	
11	BOM	SS	01 00 42		
		SSS	00 54		
		PcP	02 42		
	CHA	eP	01 57 51		1750
		iS	02 00 47		
	POO	iP	01 57 51		
	VIS	iP	01 58 40	R	2350
	SHL	iP	01 58 42		1610
		eS	02 02 25		
	KOD	iP	01 59 25		
		e	02 07 00		
	TOC	e	01 59 30		
		e	02 03 09		
	CAL	iS	02 02 23		
		i	04 53		
	VIS	eS	02 02 31		
	MDR	e	02 06 23		
11	NDI	i	04 07 56		
11	SHL	eP	13 31 42		580
		eS	32 43		

11 i Epc: 48.9°N, 156.2°E,
H= 14h 17m 34.1s, depth 13 kms
Mag. 5.8 (CGS).
ii Epc: 49.0°N, 156.2°E,
H= 14h 26m 41.6s, depth 33 Kms
Mag. 5.5 (CGS).

SHL	iP	14 27 04	SWC	6110
	PP	29 06		
	PPP	30 26		
	iS	34 45		
CHA	iP	14 27 21		6700
	S	35 19		
BOK	iP	14 27 42	NER	6690
	PP	29 56		
	PPP	31 29		
	iS	35 55		
	PS	36 12		
CHA	iP	14 36 26	C	
DDI	iP	14 27 46	R	6780
	iS	36 04		
	i	36 50		
BHK	iP	14 27 47	C	6860
	PP	30 11		
	eS	36 09		
	eSS	40 21		
NDI	eP	14 27 56		6950
	eS	36 23		
	SS	40 30		
	SSS	43 34		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	∠	km
11	PBA	eP	14	28	13		
11	VIS	eP	14	28	23		7470
		ePPP		32	38		
		eS		37	17		
		ePS		37	45		
		ePPS		37	54		
	SEH	iP	14	28	24		7610
		i		28	26		
		e		28	29		
		i		28	37		
		eS		37	27		
	MDR	eP	14	28	56		8030
		PcP		29	08		
		PPP		33	25		
		eS		38	19		
		PS		38	51		
		SS		42	49		
	POO	iP	14	28	56.5	SC	
		iP		38	07.		
	BOM	iP	14	29	01	WC	8030
		PcP		29	21		
		PP		31	43		
		e		38	15		
		iS		38	24		
		PS		38	25		
		PPS		39	08		
	KOD	iP	14	29	18.2		
		eP		38	24		
	SHL	iP	14	36	08	C	
	NDI	iP	14	37	01	C	
	KOD	iP	14	38	22		
11	NDI	eP	15	14	03		
	CHA	iP	15	15	12	R	
11	SHL	iP	15	15	42	C	
11	PBA	eP	16	01	49		200
		iS		02	13		
11	SHL	eP	16	05	36		
11	CHA	iP	16	07	05	R	
	NDI	i	16	07	08		
11	KOD	iP	16	08	24.5	NC	
	POO	eP	16	10	51		
11	SHL	eP	17	37	02		
11	SHL	iP	18	09	57	C	
	CHA	iP	18	10	16	R	
	POO	eP	18	11	50		

11 Epc: 48.8°N, 156.3°E Kurile Islands region.
H= 21h 39m 35.3s.
Depth 28 kms.
Mag. 5.1-5.3(Brk).
5½-5¾(Pal), 5.7(CGS).

DATE	STN	PHASE	H.	M.	S.	∠	km
	TOC	e	21	48	49.5		
	SHL	iP	21	49	03	C	
	CHA	iP	21	49	21	C	
	MDR	e	21	49	32		
		e	22	00	14		
		e		21	03		
	BOK	eP	21	49	41		
	DDI	eP	21	49	44	R	
	NDI	iP	21	49	35	SC	
	VIS	eP	21	50	22		
	POO	iP	21	50	55	C	
		e	22	00	26		
	BOM	iP	21	51	01	C	4970
		e		51	12		
		PcP		51	19		
		iS	22	00	22		
		e		00	42		
		PPS		01	05		
	KOD	iP	21	51	17	NC	
12	SHL	iPg	00	50	16	R	40
		iSg		50	21		
12	SHL	eP	02	42	11		
12	SHL	ePg	05	06	11		130
		iSg		06	26		
12	SHL	iP	06	36	57	C	
	CHA	iP	06	37	35	C	
	NDI	iP	06	38	47	WC	
12	DDI	eP	07	58	04		
12	NDI	iP	07	58	09		930
		iS		59	45		
12	BOK	i	09	10	51		
12	NDI	ePg	10	30	43		67
		iSg		30	51		
12	KOD	eP	11	04	27		

12 Epc: 40.2°N, 78.4°E,
H= 11h 42m 46.2s, depth 33 Kms.
Mag. 4.7 (CGS).

DATE	STN	PHASE	H.	M.	S.	∠	km
	DDI	iP	11	45	06	C	1130
		iS		47	02		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
12	NDI	iP	11	45	28	NWR	1240
		iS		47	35		
	BHK	e	11	45	38.4		
		i		46	32.6		
		i		46	52.6		
		eS		47	37		
	CHA	iP	11	46	19	C	
		i		51	54		
		i		52	45		
	BOK	e	11	46	55		
	SHL	iP	11	47	01	C	
	POO	eP	11	47	38		
	BOM	eP	11	47	42		2420
		e		50	09		
		e		51	30		
		eS		51	39		
	VIS	eP	11	47	55		
	KOD	iP	11	48	54	C	
	MDR	e	11	49	31		
		e		53	29		
12	SHL	iP	12	26	29	C	
	POO	eP	12	28	21		
12	NDI	i	14	28	13		
12	NDI	iP	14	29	51		
12	SHL	eP	15	45	25		720
		eS		46	40		
12	CHA	eP	15	46	33		770
		S		48	03		
12	TOC	e	15	47	01		
12	CHA	eP	17	48	00		
12	KOD	ePg	18	56	11		200
		iSg		56	34		
12	NDI	eP	20	39	06		
	CHA	iP	20	40	13	C	
	SHL	iP	20	40	43	R	
12	TOC	eP	21	21	10.4		
12	SHL	eP	21	21	13		
	CHA	eP	21	22	10		
13	NDI	ePn	00	26	12		380
		eSn		26	54		
13	SHL	iP	05	12	19	C	
	NDI	i	05	13	39		
	POO	eP	05	13	42		

DATE	STN	PHASE	H.	M.	S.		Δ km
13	BOK	i	08	08	23		
13	SHL	iP	08	18	57		200
		eS		19	21		
13	NDI	eP	13	19	51		
	SHL	iP	13	21	30	C	
13	SHL	iP	14	08	54	C	
13	SHL	iP	14	29	01	C	
	POO	eP	14	30	51		
13	CHA	iPg	21	53	11	R	170
		Sg		53	30		
13	Epc: 29.8N, 69.9°E; West Pakistan. H= 23h 12m 34s, depth 27 kms. Mag. 4.0 (CGS).						
	NDI	eP	23	14	11		700
		iS		15	24		
	BHK	ePn	23	15	09.4		1155
		e		15	14.6		
		e		15	37.8		
		i		15	47.2		
		eS		17	08		
	CHA	eP	23	16	19		1645
		eS		19	04		
	POO	eP	23	16	31		
	VIS	e	23	16	58		
		eS		21	34		
	SHL	iP	23	17	08	R	
	KOD	iP	23	17	22	SR	
	BOM	eP	23	17	35		
		e		18	34		
	BOK	e	23	18	57		
	MDR	i	23	22	55		
		e		23	08		
13	NDI	iP	23	56	12	WR	990
		iS		57	54		
	BHK	i	23	57	15.6		
	POO	eP	23	57	47		
	CHA	iP	23	58	15	C	
		i		01	11		
	SHL	iP	23	58	59	C	
	KOD	eP	23	59	32	R	
	VIS	eP	00	02	30		
	MDR	e	00	06	08		
		e		06	42		
		e		07	50		
14	SHL	eP	00	20	16	C	210
		iS		20	41		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
14	TOC	e	00	23	49		
		e		24	08		
14	Epc: 27.2°N, 94.3°E, H= 04h 11m 28s (New Delhi).						
	TOC	iPn	04	11	55.5	W	130
		iSg		12	13		
	SHL	iP	04	12	00	R	200
		iS		12	24		
		SS		12	36		
		SSS		12	45		
	CHA	iP	04	12	59	C	610
		iS		14	03		
	BOK	e	04	13	13		
	NDI	eP	04	14	38		
		eS		17	07		1470
	POO	eS	04	19	47		
14	Epc: 12.8°N, 92.6°E H=07h 31m 05s (New Delhi).						
	PBA	iPg	07	31	29	R	133
		i		31	32		
		i		31	41		
		iSg		31	45		
		S*		31	46		
		S		31	47		
	SHL	iP	07	34	11	R	1390
		eS		36	32		
	CHA	eS	07	37	07		
	KOD	iS	07	37	31	NC	
	POO	eSS	07	39	28		
14	SHL	eP	09	29	04		
	CHA	iP	09	29	42	R	
	NDI	eP	09	30	52		
14	PBA	e	10	50	06		
14	NDI	i	11	00	29		
14	DDI	eP	14	58	35		
14	NDI	eP	14	58	47		
14	POO	eP	15	03	14		
14	SHL	iP	15	58	25	C	140
		eS		58	43		
14	TOC	eP	15	58	43		200
		iS		59	07		
	CHA	iP	15	59	25	R	600
		S	16	00	28		
	BOK	e	16	00	15		
	DDI	e	16	01	33		

DATE	STN	PHASE	H.	M.	S.		∠ km
14	NDI	eP	16	01	40		1320
		e		03	55		
	POO	e	16	05	36		
14	Epc: 34.1°N, 138.8°E, H=16h 59m 52.9s, depth 50 Kms Mag. 4.7 (CGS).						
	SHL	iP	17	07	37	C	
	DDI	eP	17	08	53		
	NDI	eP	17	09	01		
		e		13	06		
	POO	eP	17	09	53		
	KOD	iP	17	10	07	C	
14	Epc: 34.2°N, 138.9°E, H= 17h 03m 56.5s, depth 33 kms. Mag. 4.9 (CGS).						
	VIS	eP	17	13	21		
	POO	eP	17	13	57		
	KOD	iP	17	14	15	R	
	MDR	e	17	17	22		
		e		21	42		
	TOC	iP	17	32	45	W	
	SHL	iP	17	33	15	R	
	CHA	iP	17	34	10	R	
		i		34	39		
		i		35	23		
	BOK	e	17	35	18		
	BOM	e	17	35	26		
	DDI	e	17	36	00		
	POO	eP	17	37	13		
		e		41	33		
	NDI	e	17	38	44		
14	NDI	e	19	09	58		
14	PBA	iP	20	00	21	R	
		i		00	28		
		i		00	31		
		i		00	37		
		i		00	42		
14	NDI	e	20	46	29		
14	SHL	iPg	20	59	35	R	90
		iSg		59	45		
14	SHL	ePg	22	29	40		130
		eSg		29	55		
14	SHL	ePg	22	30	36		80
		eSg		30	45		
		S		30	51		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	∠	km
14	CHA	iP	22	31	39	C	400
		S		32	23		
14	SHL	iP	22	57	27		980
		eS		58	08		
14	NDI	eP	23	09	18		
	POO	eP	23	09	28		
	CHA	eP	23	10	21		
	SHL	eP	23	10	47		
15	DDI	eP	02	15	18		
		e		17	14		
	NDI	eP	02	15	38		
		i		15	40		
	BHK	i	02	17	34		
		i		18	10		
	POO	eP	02	17	45		
15	NDI	i	07	42	27		
15	NDI	eP	10	07	41		990
		eS		09	22		
	DDI	e	10	08	49		
15	NDI	eP	10	19	03		
15	PBA	e	12	32	06		
		i		32	15		
15	SHL	iP	14	19	05	R	
15	Epc: 51.5°N, 178.4°W Andreanof Islands, Aleution Islands. H = 14h 46m 06.5s, depth 31 Kms (USCGS). Mag. 5¾-6(Pal), 5.5-5.7(Brk) 6 (Pal), 5.8 (CGS).						
	TOC	eP	14	57	12.6		
	SHL	iP	14	57	19	SWC	7730
		PcP		57	34		
		iS	15	06	27		
		PS		06	44		
	CHA	iP	14	57	30	SW	8030
		S	15	06	53		
		PS		07	34		
	BHK	iP	14	57	44	C	8240
		PP	15	00	35		
		S		07	19		
		ScS		07	49		
		PPS		08	10		
		i		08	25		
		SS		11	57		
		i		23	48		
	DDI	iP	14	57	44	R	
	CAL	i	14	57	47		
15	BOK	iP	14	57	49	NER	8300
		PcP		58	01		
		iS	15	07	25		
		SKS		07	43		
		ScS		07	50		
	NDI	eP	14	57	54	C	8380
		eS	15	07	34		
		e		23	05		
	PBA	iP	14	58	15	C	
		e	15	08	44		
	SEH	iP	14	58	23		
	VIS	iP	14	58	23	WC	8980
		iS		08	31		
		ePS		09	45		
		PPS		10	10		
	POO	iP	14	58	46.5C		
	BOM	iP	14	58	48	SWC	9530
		PcP		58	50		
		PP	15	02	08		
		PPP		04	05		
		SKS		09	11		
		iS		09	21		
		e		09	38		
	MDR	eP	14	58	50		9710
		PP	15	02	15		
		PPP		04	19		
		SKS		09	14		
		eS		09	30		
		ScS		09	40		
		PS		10	29		
		SS		15	05		
	KOD	iP	14	59	09	NEC	9910
		eS	15	09	57		
15	Epc: 36.6°N, 71.0°E, Hindukush. H= 17h 16m 16.2s, depth 213 km. Mag. 4.8 (CGS).						
	DDI	iP	17	18	18	C	
	NDI	iP	17	18	29	SEC	990
		iS		20	08		
	BHK	i	17	19	10		
	SHL	iP	17	20	44	R	
	POO	eP	17	24	09		
16	SHL	iP	00	20	45	R	160
		eSg		21	05		
16	Epc: 6,9°S, 129.4°E H = 02h 46m 42.4s, depth 212 km. Mag. 5.9 (CGS).						
	TOC	eP	02	54	59		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
16	SHL	iP	02	55	07	C	
	BOK	e	02	55	33		
	MDR	e	02	55	36		
		e		57	33		
	CHA	iP	02	55	39		
	KOD	iP	02	55	48.8	SEC	
	POO	iP	02	56	28.7	C	
	NDI	iP	02	56	37	NWC	6460
		iS	03	04	37		
	DDI	iP	02	56	38	R	
		i		57	03		
		i		57	48		
16	NDI	iP	05	53	36	C	
16	BOK	e	08	10	31		
16	SHL	iP	12	22	33	R	320
		eS		23	09		
16	SHL	eP	12	56	44		280
		eS		57	16		
16	SHL	eP	13	13	19		
16	NDI	eP	13	14	56		
16	PBA	iP	15	18	28	C	65
		P*		18	31		
		iSg		18	36		
		S*		18	37		
16	PBA	iPg	16	24	04	SC	
16	SHL	iP	16	27	02	R	
	KOD	eP	16	27	28		
	CHA	eP	16	27	35		
	NDI	eP	16	27	51		
	POO	eP	16	28	23		
16	NDI	eP	16	32	48		
		i		33	13		
16	KOD	eP	16	40	09		
	POO	eP	16	42	02		
	PBA	e	17	38	09		
	NDI	eP	17	38	56	R	
	CHA	iP	17	40	04	R	
	SHL	iP	17	40	35	R	
16	SHL	iP	20	15	20	C	
16	TOC	eP	21	10	52.7		
16	SHL	iP	21	10	54	C	500
		iS		11	48		

DATE	STN	PHASE	H.	M.	S.		∠ km
17	SHL	iP	00	37	55	R	
17	NDI	iP	00	39	45	NWR	
17	NDI	i2	00	50	42		
		i		51	11		
		i		51	17		
17	NDI	i	00	56	20		
		i		56	27		
17	NDI	i	01	00	33		
		i		00	49		
17	TOC	e	01	06	37.6		
17	SHL	iP	01	06	56	C	
17	NDI	iP	01	08	18	C	
17	KOD	iP	01	09	23	NEC	
17	SHL	ePg	02	45	00		120
		iSg		45	14		
17	NDI	i	04	17	01		
17	POO	eP	04	40	35		
	NDI	eP	04	40	42	C	
17	POO	eP	04	45	06		
	KOD	eP	04	45	07		
17	SHL	iP	04	54	12		
17	PBA	e	05	03	08		
17	NDI	eP	05	05	45		
17	SHL	iP	05	51	00	C	
	NDI	eP	05	52	18		
17	NDI	eP	06	33	36		1020
		e		34	42		
		eS		35	21		
	DDI	i	06	35	57		
	POO	eP	06	38	01		

17 Epc: (1) 0.7°N, 30.1°E,
H= 07h 03m 29.4s, h=12 Kms
Mag. 6.3 (CGS).

(2) 0.8°N, 29.9°E
H=07h 03m 30.1s,
h= 15 kms.
Mag. 5.5(CGS).

	KOD	iP	07	12	17	R	
		e		22	50		
	MDR	e	07	12	35		
		e		19	33		
		e		23	26		
	NDI	eP	07	12	48	R	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
17	BHK	iP	07	12	53		
		i		25	04		
	CHA	i	07	13	39		
	SHL	iP	07	14	08	R	
17	SHL	eP	09	23	06		
17	BOK	i	09	44	43		
17	BHK	e	11	52	13		
		i		53	27.4		
17	DDI	iP	11	52	34	C	
		i		53	51		
	NDI	iP	11	52	45	SEC	
17	SHL	iP	11	55	01	C	
	POO	eP	11	58	15		
17	SHL	eP	12	14	40		230
		eS		15	07		
17	KOD	iP	17	17	40	C	
17	POO	iP	17	17	48	C	
17	NDI	eP	17	18	05	R	2450
		eS		22	04		
17	CHA	eP	17	18	11	R	
17	SHL	iP	17	18	13	R	
17	PBA	iPg	18	56	10	R	
17	NDI	eP	21	31	10		
17	NDI	eP	22	50	20		940
		eS		51	57		
18	NDI	ePg	00	05	45		67
		iSg		05	53		
18	SHL	iP	01	47	33	R	
18	NDI	eP	01	49	21		
18	NDI	eP	01	55	51		
18	SHL	iP	07	32	16	R	
18	CHA	iP	07	32	49	R	
	NDI	iP	07	33	46	R	
	POO	iP	07	33	49		
18	KOD	iP	07	51	39	C	
18	SHL	iP	12	59	50	R	
	NDI	eP	13	01	29	C	
18	SHL	iP	17	32	05	R	
18	CHA	iP	17	32	44	C	
18	KOD	iP	17	33	18.4	NC	
	POO	eP	17	33	50		

DATE	STN	PHASE	H.	M.	S.		△ km
18	NDI	iP	17	33	53		
18	SHL	eP	18	14	29		
18	NDI	iPg	21	34	55	SEC	44
		iSg		35	00		
18	SHL	eP	21	48	07		160
		iSg		48	26		
18	CHA	iPg	23	08	16		
18	CHA	iPg	23	38	54		
19	SHL	iP	01	00	35	C	180
		iS		01	57		
19	TOC	i	01	01	07		
19	CHA	iP	04	21	33	R	200
		S		21	57		
19	SHL	iP	04	22	15	C	
19	TOC	e	05	46	34		
		e		47	03.5		
19	Epc: 39.8°N, 78.1°E, Southern Sinkiang Province, China. H= 05h 58m 40s, depth 33 kms. Mag. 5.1 (CGS).						
	SHL	iP	05	46	50	C	
	DDI	iP	06	00	58	C	1050
		iS		02	44		
19	NDI	eP	06	01	18		1170
		eS		03	18		
19	BHK	e	06	01	20		
		i		02	15.6		
		i		03	17.4		
19	SHL	eP	06	02	54		2080
		eS		06	20		
19	POO	eP	06	03	30		
19	BOK	e	06	06	01		
19	BOM	e	06	07	34		
		e		09	46		
19	MDR	e	06	10	25		
		e		13	07		
19	TOC	e	07	18	12		
19	Epc: 54.1°N, 164.1°W, UNIMAK ISLANDS Region. H= 07h 06m 26.8s, depth 28 kms. Mag. 6 (Pas), 5.6-6.0 (Brk). 6 (Pal), 5.8 (CGS).						
	SHL	iP	07	18	20	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
19	CHA	iP	07	18	29	C	
		e		29	41		
	DDI	eP	07	18	37		
	NDI	iP	07	18	45		9020
		i		18	47		
		i		18	49		
		eS		28	55		
	BOK	i	07	18	46		
	VIS	iP	07	18	53	R	
		iSKS		29	32		
	PBA	iP	07	19	20	R	9860
		eS		30	06		
	POO	eP	07	19	36		
	BOM	eP	07	19	38		10110
		PP		23	17		
		e		30	24		
		eS		30	34		
	MDR	eP	07	19	43		10000
		SKS		30	13		
		eS/ScS		30	35		
		PS		31	40		
		PPS		32	16		
		SS		36	29		
		SSS		40	13		
	KOD	iP	07	20	02	SR	
19	DDI	iP	12	53	06	R	
		i		54	45		
	NDI	iP	12	53	22	NWR	1000
		iS		55	06		
	CHA	iP	12	54	44	C	
	SHL	iP	12	55	29	R	
	POO	eP	12	59	08		
19	SHL	iP	23	20	22	R	
20	SHL	eP	01	34	24		570
		eS		35	24		
20	SHL	iP	03	00	18	R	
	DDI	iP	03	01	55	C	
	NDI	iP	03	02	01	R	
	KOD	iP	03	02	42.5	WR	
	POO	iP	03	02	42.8		
20	NDI	eP	03	08	41		
20	SHL	eP	03	25	57		280
		iS		2628			
20	SHL	iP	07	05	24	C	
	NDI	e	07	49	05		

DATE	STN	PHASE	H.	M.	S.		Δ km
20	SHL	eP	08	53	17		160
		eSg		53	37		
20	SHL	iP	09	23	55	WC	5840
		iS		31	21		
		PS		31	32		
		ScS		33	18		
	CHA	iP	09	24	27	R	
20	Epc: 13.9°N, 146.1°E, South of Moriana Islands H=09h 14m 49.2s, depth 66 Kms. Mag. $6\frac{1}{4}$-$6\frac{1}{2}$ (Pas), 6-6.4(Brk), 6.0(CGS).						
	BOK	iP	09	24	35	ER	6470
		eS		32	36		
		PSS		32	50		
		PPS		32	54		
	VIS	iP	09	24	57	WC	6830
		iS		33	18		
	MDR	iP	09	25	18	E	7220
		PP		27	42		
		iS		34	00		
		PS		34	16		
		PPS		34	32		
		SS		38	20		
	DDI	iP	09	25	22	R	
	NDI	eP	09	25	25	EC	7260
		eS		34	09		
	BHK	iP	09	25	30	C	7400
		eS		34	21		
		P		34	37		
		PPS		35	22		
	KOD	iP	09	25	39.5	WC	7555
		iS		34	38		
	POO	iP	09	25	51		
		e		35	33		
	BOM	iP	09	25	57	WC	7640
		e		26	07		
		PP		28	31		
		PcS		30	25		
		eS		35	01		
		PS		35	24		
		PPS		35	37		
		e		35	57		
20	DDI	eP	12	59	15		
20	NDI	eP	12	59	44		
20	SHL	iP	17	45	19		
20	SHL	iP2	18	08	29	C	
		i		11	40		
	CHA	iP	18	09	08	C	3680
		eS		14	27		
		i		20	22		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
20	BOK	e	18	10	17		
	DDI	eP	18	10	18		
	NDI	eP	18	10	20	C	
	MDR	eP	18	10	20		
	KOD	iP	18	10	40.5	EC	
	POO	eP	18	10	51		
20	BOM	e	18	12	57		
		e		17	55		
20	Epc: 40.6°N, 73.4°E, H= 20h 09m 01.9s, depth 33 kms. Mag. 4.7(CGS).						
	DDI	eP	20	11	37		1220
		i		13	33		
		iS		13	43		
	NDI	eP	20	11	57		1290
		iS		13	38		
	BHK	e	20	13	09.6		
		i		13	16.6		
	CHA	iP	20	13	10	R	
	SHL	iP	20	13	51	C	
	POO	eP	20	13	55		
	KOD	iP	20	15	15.5	NRN	
20	NDI	i	21	49	57		
21	SHL	iP	04	12	24	R	80
		iSg		12	33		
21	NDI	eP	04	32	41		200
		iS		33	05		
21	CHA	iP	08	11	54	C	170
		S		12	15		
21	BOK	e	08	55	13		
21	CHA	iP	14	17	11	R	140
		S		17	29		
21	SHL	iP	17	50	28	C	
	CHA	iP	17	51	03	C	
		i		52	49		
	NDI	i	17	52	09		
21	SHL	iP	18	48	56	R	
	CHA	iP	18	49	33	R	
	NDI	iP	18	52	42	R	
21	SHL	iP	19	16	05	R	
	CHA	i	19	16	30		
	NDI	eP	19	17	22	C	
21	CHA	iPg	19	20	10	R	70
		iSg		20	18		
21	NDI	iP	21	25	16		930
		iS		26	51		
21	NDI	i	21	55	41		
22	CHA	iP	00	44	12	R	210
		S		44	37		
22	SHL	eP	00	44	46		
	SHL	eP	03	03	18		
	NDI	iP	03	04	31	SC	
	DDI	eP	03	04	32		
	POO	eP	03	04	38		
22	NDI	eP	03	34	37		
	SHL	iP	03	36	23	C	
22	SHL	iP	04	45	35	R	280
		iS		46	06		
22	MDR	eSg	10	17	24		
22	NDI	iP	12	25	23	R	930
		eS		26	58		
	DDI	eP	12	25	25		
		i		28	07		
22	BHK	e	12	27	10		
	SHL	eP	12	28	13		
	POO	eP	12	30	14		
	MDR	e	12	34	50		
22	MDR	eSg	12	55	15		
22	NDI	eP	15	20	24		
22	SHL	iP	16	06	58		
22	SHL	iPg	16	58	18	C	100
		iSg		50	30		
22	SHL	iPg	19	56	55	R	110
		iSg		57	08		
22	SHL	iP	22	30	27	C	
	CHA	iP	22	30	35	C	
22	CHA	eP	22	56	37		
23	SHL	iP	00	13	52	C	
	CHA	iP	00	14	18	C	
	NDI	eP	00	15	06		
23	DDI	eP	07	13	14		890
		iS		14	46		
	NDI	iP	07	13	20	SEC	930
		iS		14	56		
23	SHL	eP	07	13	41		
23	POO	eP	07	15	10		
23	TOC	eP	07	20	35.5		
		i		20	41		

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DATE	STN	PHASE	H.	M.	S.		△ km
23	SHL	eP	07	20	37		
23	TOC	e	07	49	12.5		
		i		49	45		
23	SHL	iP	07	49	21	C	860
		eS		50	50		
23	CHA	iP	07	50	22	R	900
		S		51	55		
	NDI	eP	07	52	24		
	POO	eP	07	53	09		
23	Epc: 30.0°N, 139.8°E, H=08h 39m 44.4s, depth 28 kms. Mag. 5.5(CGS).						
	SHL	iP	08	47	40	C	
	CHA	iP	08	48	11	C	
	BOK	eP	08	48	26		
	DDI	iP	08	49	00	R	
	BHK	iP	08	49	08		
	NDI	iP	08	49	07	WR	6060
		iS		56	46		
		e	09	00	20		
	MDR	eP	08	49	35		6420
		PcP		50	30		
		PP		51	42		
		PPP		53	04		
		iS		57	34		
		PS		57	53		
	POO	iP	08	49	55	C	
	KOD	iP	08	50	00	C	8020
		eS		59	22		
23	NDI	i	12	26	47		
	SHL	iP	14	31	42	C	
23	Epc: 13.8°N, 146.4°E, H = 14h 22m 32.5s, depth 39 Kms. Mag. 5.9 (CGS).						
	SHL	iP	14	32	13	C	
		e		40	18		
	BOK	e	14	32	31		
	VIS	eP	14	32	47		
	MDR	eP	14	33	06		7180
		iS		41	45		
	NDI	eP	14	33	12		
		i		33	18		
	DDI	eP	14	33	14		
	BHK	iP	14	33	17		
		e		42	34		

DATE	STN	PHASE	H.	M.	S.		△ km
23	KOD	eP	14	33	27	R	7560
		eS		42	26		
	POO	eP	14	33	37		
	BOM	eP	14	33	46		7750
		PP		36	21		
		eS		42	55		
		e		43	26		
		SKS		43	43		
23	NDI	i	15	25	53		
23	NDI	iP	16	40	27		
23	SHL	eP	18	19	17		
23	POO	eP	18	19	40		
	KOD	iP	18	19	46	R	
	NDI	iP	18	19	47		
		i		19	51		
		e		23	16		
	DDI	eP	18	19	50		
23	NDI	eP	19	26	40		
23	NDI	iPg	20	08	47	SEC	77
		i		08	50		
		i		08	52		
		iSg		08	56		
23	SHL	IP	20	53	41	R	
	CHA	iP	20	54	11		
	NDI	iP	20	55	10		
		i		55	17		
	POO	eP	20	55	35		
	KOD	iP	20	56	02	C	
24	SHL	eP	01	27	30		320
		PP		27	37		
		eS		28	06		
24	Epc: 30.1°N, 70.0°E. H=04h 35m 24.0s, depth 20 Kms. Mag. 3.9 (CGS).						
	NDI	eP	04	37	01		
		i		37	17		
		i		37	34		
		i		38	57		
	DDI	iP	04	37	08		
		i		39	24		
	POO	eP	04	38	35		
	SHL	iP	04	39	57	R	
	CHA	e	04	40	24		
		i		42	11		
	VIS	e	04	44	37		
	MDR	e	04	45	37		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ km
24	KOD	e	04	46	12	W	
24	NDI	eP	05	38	47		940
		eS		40	25		
24	NDI	eP	06	23	38		
24	SHL	iP	09	30	08	R	160
		PP		30	16		
		iSg		30	27		
24	POO	eP	09	48	11		
24	KOD	iP	09	49	09	NR	
	SHL	eP	09	49	27		
24	DDI	eP	10	01	09		
		i		01	38		
	NDI	ePn	10	01	43		390
		iS		02	26		
24	CHA	iP	10	06	09		
24	POO	eP	11	18	08		
	KOD	iP	11	19	05.5	SR	
	SHL	iP	11	19	25	R	
24	SHL	eP	13	08	02		
		e		08	35		
24	DDI	i	14	27	28		
24	NDI	eP	14	44	54		
	POO	e	14	50	01		
24	SHL	iP	17	53	21	C	
24	SHL	iP	21	04	43	R	
24	SHL	iP	23	06	09		140
		PP		06	17		
		Sg		06	26		
25	SHL	iP	01	14	52	C	360
		iS		15	32		
	TOC	e	01	15	04.5		
25	BOK	e	01	37	01		
25	NDI	e	02	38	30		
25	SHL	eP	07	24	40		330
		iS		25	17		
25	BOK	e	08	32	21		
25	Epc: 6.4°S, 131.1°E, H=08h 28m 58.6s, depth 39 kms. Mag. 5.8 (CGS).						
	TOC	eP	08	37	42		
	SHL	iP	08	37	48		5380
		iS		44	46		
	VIS	iP	08	38	13	C	5750
		iS		45	35		
25	BOK	iP	08	38	17		
	CHA	iP	08	38	20	C	5840
		S		45	46		
	MDR	iP	08	38	21	E	5860
		iS		45	48		
		PS		45	55		
		PPS		46	03		
		SS		49	39		
	KOD	iP	08	38	34.5		
		e		42	06		
	BHK	iP	08	39	13	C	
		i		48	00		
	POO	eP	08	39	13		
	NDI	iP	08	39	18		6780
		iS		47	36		
	DDI	iP	08	39	20	R	
25	BOK	e	10	59	46		
25	SHL	iP	12	19	58	C	
25	MDR	e	12	30	59		
	KOD	e	12	33	16		
	BHK	eP	12	34	33		
25	Epc: 52.9°S, 160.0°E H=13h 20m 56.2s, depth 33 Kms. Mag. 6.6 (CGS).						
	PBA	iP	13	33	35	C	
	MDR	eP	13	34	01		
		e		38	35		
		e		40	52		
	VIS	eP	13	34	23		
		eSKS		45	09		
		i		47	03		
	SHL	iP	13	34	30		
		PP		38	25		
	BOK	iP	13	34	38		
	BOM	e	13	38	17		
		e		48	19		
	CHA	i	13	39	02		
	BHK	iPKP	13	40	01	R	
		e		45	30		
		i		49	36		
	KOD	eP	13	47	54		
25	KOD	eP	15	15	37		
25	SHL	iPg	17	37	15	R	80
		iSg		37	24		
25	DDI	eP	18	21	05		
		i		22	41		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
25	NDI	eP	18	21	17		920
		iS		22	52		
25	NDI	eP	20	46	51		1100
		iS		48	44		
	DDI	eP	20	46	59		
		i		47	31		
		i		49	27		
	CHA	eP	20	48	51		
	POO	eP	20	50	49		
25	NDI	eP	22	58	37		
	KOD	iP	22	59	44	NC	
26	NDI	iP	00	14	07	R	
26	POO	eP	00	14	57		
26	NDI	eP	03	27	22		
26	POO	eP	03	32	06		
26	POO	eP	04	07	21		
26	CHA	iiPg	04	11	38	R	
		iSg		11	40		
26	SHL	iP	04	46	21	C	
26	SHL	ePg	09	00	38		110
		eSg		00	51		
26	BOK	i	11	41	34		
26	SHL	iP	12	18	36		
26	MDR	Pg	19	06	48		
26	CHA	i	21	23	16		
	POO	eP	21	24	10		
	NDI	i	21	24	15		
26	SHL	iP	22	20	28	C	
	CHA	iP	22	21	03	R	
	NDI	eP	22	22	03		
26	CHA	iPg	22	46	16	R	180
		iSg		46	36		
21	SHL	eP	22	46	28		390
		iS		47	31		
26	SHL	iP	23	05	46	R	
	CHA	eP	23	06	19		
	NDI	eP	23	07	25		
	POO	eP	23	08	12		
27	SHL	iPg	00	56	10		60
		iSg		56	17		
27	SHL	iP	04	21	37	C	
27	DDI	eP	08	15	45		
		i		16	21		

DATE	STN	PHASE	H.	M.	S.		Δ km
27	NDI	ePn	08	15	55		255
		iSn		16	24		
		i		16	39		
		SSS		16	45		
27	POO	eP	08	21	13		
27	SHL	eP	10	17	03		
27	VIS	iP	10	17	34	C	45
		iS		17	39		
27	POO	eP	10	18	40		
27	NDI	iP	10	18	43	NWR	
		i		18	46		
27	DDI	eP	10	18	45		
27	TOC	eP	14	35	46		270
		iS		36	16.5		
27	Epc: 27.4°N, 96.5°E, H = 14h 35m 05.3s, h=51 kms. Mag. 4.8 (CGS)						
27	SHL	iP	14	36	13	C	520
		e		37	02		
		iS		37	09		
		i		37	40		
	CHA	iP	14	37	07	C	890
		S		38	39		
	NDI	eP	14	39	01		1800
		eS		42	01		
	POO	eP	14	40	03		
	KOD	iP	14	40	26	NC	
27	NDI	e	15	12	19		
27	CHA	iP	15	59	45	R	
27	NDI	e	19	12	24		
	CHA	iP	19	12	46	C	
27	Epc: 24.4°N, 68.7°E, H= 22h 14m 14.1s, depth 5 kms. Mag. 5.1 (CGS).						
	BOM	eP	22	15	56		860
		e		16	12		
		i		16	54		
		iS		17	26		
		iSS		17	35		
		i		17	49		
	POO	eP	22	16	06		
		i		17	44		
		i		17	51		
	NDI	iP	22	16	22	EC	1080
		i		16	26		
		iS		18	12		
		i		18	37		
		i		18	47		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
27	SEH	eP	22	16	22		1180
		PP		16	28		
		PPP		16	33		
		i		18	18		
		iS		18	23		
	DDI	eP	22	16	41		
		e		18	58		
	VIS	iP	22	18	01		1690
		iS		20	51		
	MDR	eP	22	18	02		1880
		eS		21	10		
		SS		21	30		
		SSS		21	45		
	BOK	eP	22	18	07		
		i		22	10		
	KOD	iP	22	18	08	NR	
	CHA	eP	22	18	11		
		i		21	54		
		i		23	00		
	SHL	iP	22	18	55	SEC	
		i		23	05		
		i		27	06		
	CAL	e	22	22	22	E	
		i		23	35		
	TOC	e	22	25	40		
27	BHK	ePn	22	47	31.2		485
		eSn		48	23.2		
		e		48	27.4		
		S*		48	34.4		
28	Epc: 24.4°N, 122.5°E H = 00h 03m 56.8s, depth 33 Kms. Mag. 5.7 (CGS).						
	SHL	iP	00	09	46	C	3070
		iS		14	27		
	CHA	iP	00	10	24	R	3510
		S		15	33		
28	TOC	e	00	10	38		
	BOK	eP	00	10	38		3670
		iS		15	56		
		PcP		16	41		
		ScS		18	19		
	VIS	eP	00	11	24		3830
		eS		16	52		
	DDI	iP	00	11	30	R	
	NDI	iP	00	11	35		4420
		PP		13	18		
		PPP		13	43		
		eS		17	40		
		e		18	02		
		SS		20	45		

DATE	STN	PHASE	H.	M.	S.		Δ km
28	BHK	iP	00	11	42	C	4445
		PPP		13	36		
		iS		17	48		
		LQ		21	00		
		SSS		21	22		
	MDR	eS		17	56		
	KOD	eP	00	12	13		
	POO	iP	00	12	15	C	
	PBA	i	00	17	01		
28	NDI	e	02	43	22		
28	SHL	iP	05	59	29	R	
	CHA	iP	06	00	07	R	
	NDI	iP	06	01	17	SER	
	KOD	eP	06	01	53	NWR	
	POO	iP	06	01	55.5		
28	SHL	iPg	07	04	22	R	90
		iSg		04	33		
28	SHL	iP	07	27	25	R	
	NDI	iP	07	29	05	R	
28	NDI	eP	11	37	47		930
		iS		39	23		
28	CHA	iP	11	48	22	C	180
		S		48	44		
	SHL	eP	11	48	48		340
		eS		49	26		
28	POO	eP	11	59	08		
29	NDI	eP	15	20	38		910
		iS		22	12		
28	NDI	eP	16	34	24		
28	SHL	iP	22	01	24	C	
	CHA	iP	22	01	37	C	
	NDI	eP	22	02	01		
	POO	iP	22	02	52.1	C	
28	SHL	iP	22	34	26	C	
	CHA	iP	22	34	53	C	
	NDI	iP	22	35	43	C	
	POO	eP	22	35	51		
29	NDI	ePg	02	40	52		110
		iSg		41	04		
29	SHL	iP	04	05	05	C	
	NDI	eP	04	06	03		
29	NDI	eP	04	41	07		1040
		eS		42	54		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ km
29	CHA	iPg	10	09	44	R	160
		iSg		10	02		
29	KOD	iP	10	36	37	NWC	
	SHL	iP	10	37	15	R	
	POO	eP	10	37	45		
	NDI	eP	10	38	27		
29	NDI	eP	12	16	19		830
		iS		17	45		
29	POO	eP	12	23	08		
29	SHL	iP	13	57	18	R	
29	NDI	eP	14	02	09		
29	SHL	eP	15	04	43	C	290
		iS		05	16		
	TOC	e	15	04	56		
		e		05	20		
	CHA	iP	15	05	40	R	780
		S		07	01		
	NDI	eP	15	07	42		1610
		iS		10	25		
29	POO	eP	15	11	54		
29	NDI	eP	15	18	48		330
		eS		19	25		
29	POO	eP	15	26	24		
29	SHL	iP	15	31	37	C	
29	TOC	eP	20	41	14.5		
29	SHL	eP	20	41	18		380
		PP		41	27		
		eS		41	57		
29	SHL	eP	23	07	17		
30	PBA	iPg	02	35	20	R	55
		P		35	24		
		iSg		35	26		
30	SHL	iP	03	29	10	C	
30	SHL	iPg	05	47	41		60
		iSg		47	48		
30	NDI	i	07	49	15		
30	BOK	e	09	53	38		
30	NDI	e	10	01	20		
30	DDI	eP	12	54	11		
		i		57	29		
	NDI	eP	12	54	19		
		i		56	26		
	SHL	iP	12	56	46	R	
30	NDI	iP	18	20	47	WR	

DATE	STN	PHASE	H.	M.	S.		Δ km
30	SHL	iP	21	03	27	C	360
		iS		04	06		
30	CHA	iPg	21	04	24	R	20
		iSg		04	26		
30	CHA	iPg	21	22	36	C	140
		iSg		22	53		
30	CHA	iPg	22	10	24		
30	CHA	ePg	22	12	08		
30	NDI	i	23	22	20		
30	NDI	iP	23	35	41	SR	
31	NDI	ePg	01	25	16		40
		iSg		25	21		
31	CHA	iP	07	54	59	C	
	NDI	eP	07	55	09		
	POO	eP	07	56	06		
31	BOK	e	08	44	48		
31	NDI	e	09	09	44		
31	SHL	ePg	10	49	17		70
		iSg		49	25		
31	POO	eP	11	34	21		
31	NDI	eP	14	25	30		
31	SHL	iP	20	12	22	C	

Earthquake Report
(Non-Instrumental report)

List of felt earthquake report as received from Voluntary observers for the month of May, 1966.

Station	Date GMT	Time h. m.	No.of shocks	Duration (sec)	Intensity (RF Scale)
Gauhati	04	07 46	One	3	V
North Lakhimpur	14	17 27	One	3	V

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Bombay, Colaba				
01	00	3	0.9	4.8
			0.5	3.1
	06	3	0.9	4.5
			0.5	2.9
	12	3	0.5	3.7
			0.3	2.1
	18	3	0.4	3.4
			0.3	2.0
02	00	3	0.5	3.4
			0.2	1.9
	06	3	0.5	2.9
			0.3	2.0
	12	3	0.4	4.0
			0.3	1.9
	18	3	0.5	3.9
			0.3	2.0
03	00	3	0.5	3.8
			0.3	2.3
	06	3	0.4	4.0
			0.3	2.0
	12	3	0.4	3.9
			0.3	2.1
	18	3	0.4	3.8
			0.3	2.1
04	00	3	0.4	3.9
			0.3	2.0
	06	3	0.4	4.0
			0.3	2.0
	12	3	0.4	3.9
			0.3	1.9
	18	3	0.4	3.7
			0.3	1.8
05	00	3	0.4	3.7
			0.3	1.9
	06	3	0.4	3.6
			0.3	1.9
	12	3	0.4	3.4
			0.3	1.8
	18	3	0.4	3.1
			0.3	2.0
06	00	3	0.3	2.9
			0.3	1.9
	06	3	0.4	4.0
			0.3	2.0
	12	3	0.3	6.1
			0.3	2.4
	18	3	0.4	6.0
			0.3	2.7
07	00	3	0.3	6.1
			0.3	2.4
	06	3	0.3	2.9
			0.3	1.9
	12	3	0.4	5.9
			0.3	2.9
07	18	3	0.4	5.8
			0.3	2.6
08	00	3	0.4	5.8
			0.3	2.6
	06	3	0.4	5.7
			0.3	2.3
	12	3	0.5	5.8
			0.3	2.7
	18	3	0.4	5.9
			0.3	2.7
09	00	3	0.4	5.9
			0.3	2.8
	06	3	0.4	4.1
			0.3	1.9
	12	2	0.4	3.1
	18	3	0.4	3.8
			0.3	1.9
10	00	3	0.4	3.9
			0.3	2.0
	06	3	0.4	3.8
			0.3	1.9
	12	3	0.5	3.8
			0.3	1.9
	18	3	0.5	4.1
			0.3	2.2
11	00	3	0.5	4.0
			0.3	2.1
	06	3	0.5	4.0
			0.3	1.9
	12	3	0.4	4.0
			0.3	1.8
	18	3	0.5	4.0
			0.3	2.0
12	00	3	0.5	4.0
			0.3	2.0
	06	3	0.5	4.0
			0.3	2.0
	12	Shock in progress		
	18	3	0.5	4.1
			0.3	2.0
13	00	3	0.5	4.1
			0.3	1.9
	06	3	0.4	3.9
			0.3	1.9
	12	3	0.4	4.0
			0.3	1.9
	18	3	0.4	3.8
			0.3	2.0
14	00	Surface Waves		
	06	3	0.4	3.9
			0.3	1.9
	12	3	0.4	4.0
			0.3	1.9
	18	3	0.4	5.7
			0.3	1.9

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN PERIOD in sec
15	00	3	0.4	4.1
			0.3	2.0
	06	3	0.4	3.9
			0.3	2.0
	12	3	0.4	4.4
			0.3	2.1
	18	3	0.4	3.7
			0.3	2.0
16	00	3	0.4	3.6
			0.3	2.0
	06	3	0.4	3.8
			0.3	2.0
	12	3	0.4	3.9
			0.3	1.9
	18	3	0.3	3.2
			0.3	1.8
17	00	3	0.4	3.6
			0.3	1.8
	06	3	0.4	3.9
			0.3	1.9
	12	3	0.4	3.9
			0.3	1.8
	18	3	0.4	3.9
			0.3	1.9
18	00	3	0.4	4.2
			0.3	1.8
	06	3	0.4	4.2
			0.3	1.8
	12	3	0.4	4.0
			0.3	1.9
	18	3	0.4	3.5
			0.3	1.9
19	00	3	0.4	3.7
			0.3	2.0
	06	3	0.4	4.0
			0.3	2.0
	12	3	0.4	3.7
			0.3	1.9
	18	3	0.4	3.8
			0.3	2.0
20	00	3	0.4	3.8
			0.3	1.9
	06	3	0.4	3.2
			0.3	2.0
	12	3	0.4	3.2
			0.3	2.0
	18	3	0.4	3.2
			0.3	2.0
21	00	3	0.5	4.1
			0.3	2.0
	06	3	0.4	3.7
			0.3	2.0
	12	3	0.4	3.6
			0.3	2.0
	18	3	0.4	3.9
			0.3	2.0
22	00	3	0.4	3.8
			0.3	2.0
	06	3	0.5	4.0
			0.3	2.0
	12	3	0.4	3.9
			0.3	1.9
	18	3	0.4	3.9
			0.3	1.9
23	00	3	0.5	3.9
			0.3	2.0
	06	3	0.5	3.7
			0.3	2.0
	12	3	0.4	4.1
			0.3	2.2
	18	3	0.4	3.7
			0.3	2.0
24	00	3	0.4	3.7
			0.3	2.0
	06	3	0.4	3.9
			0.3	1.9
	12	3	0.4	3.9
			0.3	2.0
	18	3	0.4	3.9
			0.3	2.0
25	00	3	0.5	4.0
			0.3	1.9
	06	3	0.5	4.0
			0.3	2.0
	12	3	0.4	4.0
			0.3	2.0
	18	3	0.5	3.9
			0.3	2.0
26	00	3	0.4	3.9
			0.3	1.9
	06	3	0.5	3.9
			0.3	2.0
	12	3	0.5	4.0
			0.3	2.0
	18	3	0.7	4.0
			0.3	2.0
27	00	3	0.7	4.1
			0.3	2.1
	06	3	0.9	4.1
			0.3	1.8
	12	3	0.7	4.0
			0.3	2.0
	18	3	0.8	4.0
			0.3	2.0
28	00	3	0.7	4.0
			0.3	2.0
	06	3	0.5	4.1
			0.3	2.0
	12	3	0.6	4.0
			0.3	2.0
	18	3	0.7	4.1
			0.3	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

May 1966

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN PERIOD in sec
Station: BOMBAY, COLABA				
29	00	3	0.7	4.2
			0.3	2.0
	06	3	0.7	4.2
			0.3	1.9
	12	3	0.7	4.0
			0.3	1.8
	18	3	0.5	4.0
			0.3	1.9
30	00	3	0.6	4.0
			0.3	2.0
	06	3	0.6	4.1
			0.3	2.0
	12	3	0.5	3.9
			0.3	2.0
	18	3	0.5	4.0
			0.3	2.0
31	00	3	0.5	3.9
			0.5	2.1
	06	3	0.5	4.0
			0.5	1.9
	12	3	0.5	4.1
			0.3	2.0
	18	3	0.5	3.9
			0.3	1.9
Station: BOKARO				
01	00	3	0.4	4.8
	06	3	0.4	5.0
	12	3	0.4	4.4
	18	3	0.3	4.0
02	00	3	0.3	4.4
	06	3	0.3	4.6
	12	3	0.3	4.4
	18	3	0.4	4.2
03	00	3	0.4	4.0
	06	3	0.4	4.0
	12	3	0.3	4.2
	18	3	0.3	4.0
04	00	3	0.3	3.8
	06	3	0.4	6.4
	12	3	0.3	5.4
	18	3	0.3	4.2
05	00	3	0.3	4.4
	06	3	0.3	5.4
	12	3	0.3	5.8
	18	3	0.3	5.4
06	00	3	0.3	5.6
	06	3	0.2	5.0
	12	3	0.3	5.6
	18	3	0.4	7.4
07	00	3	0.3	6.6
	06	3	0.4	7.0
	12	3	0.3	7.0
	18	3	0.3	6.8
08	00	3	0.4	7.0
	06	3	0.4	7.6
	12	3	0.6	7.6
	18	3	0.4	6.6
09	00	3	0.3	6.8
	06	3	0.3	7.0
	12	3	0.3	6.8
	18	3	0.3	5.8
10	00	3	0.3	4.4
	06	3	0.3	4.4
	12	3	0.3	5.2
	18	3	0.3	5.0
11	00	3	0.5	4.6
	06	3	0.3	4.4
	12	3	0.4	4.6
	18	3	0.4	4.6
12	00	3	0.3	4.2
	06	3	0.3	4.4
	12	...	-	-
	18	3	0.3	5.0
13	00	3	0.3	5.0
	06	3	0.3	6.0
	12	3	0.3	4.8
	18	3	0.3	5.2
14	00	...	-	-
	06	3	0.3	6.4
	12	3	0.3	6.4
	18	3	0.3	7.2
15	00	3	0.2	6.8
	06	3	0.5	7.0
	12	3	0.3	6.6
	18	3	0.3	6.6
16	00	3	0.3	6.4
	06	3	0.3	6.4
	12	3	0.3	6.2
	18	3	0.3	6.0
17	00	3	0.2	5.8
	06	3	0.2	5.4
	12	3	0.3	6.0
	18	3	0.3	6.0
18	00	3	0.2	6.0
	06	3	0.2	6.2
	12	3	0.3	5.8
	18	3	0.3	5.2
19	00	3	0.3	4.6
	06	3	0.3	5.0
	12	3	0.3	4.6
	18	3	0.2	4.4
20	00	3	0.3	4.2
	06	3	0.3	4.6
	12	3	0.3	5.2
	18	3	0.3	5.4

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: BOKARO				
21	00	3	0.4	5.2
	06	3	0.4	4.0
	12	3	0.3	4.8
	18	3	0.3	4.4
22	00	3	0.3	4.8
	06	3	0.5	4.6
	12	3	0.4	4.6
	18	3	0.3	5.0
23	00	3	0.4	5.0
	06	3	0.4	4.8
	12	3	0.4	5.0
	18	3	0.3	4.8
24	00	3	0.4	4.6
	06	3	0.4	5.6
	12	3	0.3	4.6
	18	3	0.3	4.6
25	00	3	0.3	5.0
	06	3	0.3	5.8
	12	3	0.4	5.8
	18	3	0.3	5.0
26	00	3	0.3	5.4
	06	3	0.4	4.0
	12	...	-	-
	18	3	0.3	5.0
27	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	...	-	-
28	00	...	-	-
	06	3	0.3	5.6
	12	3	0.3	5.2
	18	3	0.3	5.2
29	00	3	0.3	6.4
	06	...	-	-
	12	...	-	-
	18	...	-	-
30	00	...	-	-
	06	3	0.4	4.8
	12	3	0.3	6.0
	18	3	0.4	5.0
31	00	3	0.4	5.2
	06	3	0.4	5.2
	12	3	0.4	5.0
	18	3	0.4	4.8
Station: CALCUTTA				
01	00	3	0.8	4.0
	06	3	0.2	4.0
	12	3	0.8	5.0
	18	3	0.3	3.0
02	00	3	0.5	2.0
	06	3	0.5	3.2
	12	3	0.8	3.0
	18	3	1.0	3.0
03	00	3	1.0	2.0
	06	3	1.1	3.0
	12	3	0.8	3.0
	18	3	0.8	2.8
04	00	3	0.8	3.0
	06	3	0.8	3.6
	12	3	1.0	3.0
	18	1	1.3	3.0
05	00	3	0.8	3.6
	06	3	0.6	3.0
	12	3	0.5	2.6
	18	3	0.3	2.6
06	00	3	0.4	3.2
	06	3	0.3	3.2
	12	3	0.2	3.0
	18	3	0.2	3.4
07	00	3	0.3	3.4
	06	3	0.2	3.0
	12	3	0.2	3.2
	18	3	0.4	3.0
08	00	3	0.3	3.2
	06	3	0.2	3.8
	12	3	0.2	4.0
	18	3	0.2	4.2
09	00	3	0.6	3.6
	06	3	0.4	3.4
	12	3	0.3	3.8
	18	3	0.4	4.0
10	00	...	-	-
	06	3	1.1	3.8
	12	3	0.8	4.0
	18	...	-	-
11	00	...	-	-
	06	3	1.5	3.4
	12	3	1.2	4.0
	18	3	0.8	3.0
12	00	3	0.8	3.2
	06	3	1.0	3.8
	12	3	1.1	4.0
	18	3	0.2	3.6
13	00	3	0.2	3.4
	06	3	0.4	4.2
	12	3	0.4	3.2
	18	3	0.6	4.0
14	00	...	-	-
	06	3	0.3	3.8
	12	3	0.2	3.6
	18	3	0.2	4.0
15	00	3	0.3	3.8

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude	MEAN Period
Station: CALCUTTA				
15	06	3	0.3	4.0
	12	3	0.2	3.8
	18	3	0.2	3.6
16	00	3	0.3	4.0
	06	3	0.2	3.8
	12	3	0.3	4.0
	18	3	0.3	4.2
17	00	3	0.2	3.8
	06	...	-	-
	12	3	0.3	4.0
	18	3	0.2	3.8
18	00	3	0.3	4.0
	06	3	0.2	4.2
	12	3	0.3	2.8
	18	3	0.2	2.4
19	00	3	0.3	2.8
	06	3	0.6	3.0
	12	3	0.8	3.0
	18	3	0.8	3.4
20	00	3	0.6	3.2
	06	3	0.6	3.0
	12	3	0.8	3.2
	18	3	1.0	4.0
21	00	3	0.6	3.8
	06	3	1.0	4.0
	12	3	0.8	4.2
	18	3	0.8	4.0
22	00	3	0.6	3.0
	06	3	1.0	4.0
	12	3	0.8	4.2
	18	3	1.0	4.0
23	00	3	0.6	3.8
	06	3	1.2	4.0
	12	3	1.0	4.0
	18	3	0.8	3.8
24	00	...	-	-
	06	3	1.2	4.6
	12	3	1.0	4.0
	18	3	0.8	3.8
25	00	3	0.6	3.8
	06	3	1.0	4.0
	12	3	0.8	3.8
	18	1	0.8	3.8
26	00	1	0.6	3.2
	06	3	0.6	3.0
	12	3	0.7	3.2
	18	1	0.8	3.0
27	00	1	1.0	3.2
	06	3	1.2	4.0
	12	3	1.0	3.4
	18	3	0.8	3.8
28	00	3	1.0	3.2
	06	3	1.2	4.0
	12	3	1.1	3.8
	18	3	1.0	3.0
29	00	3	0.9	4.0
	06	3	0.7	3.0
	12	3	1.0	4.0
	18	3	0.8	3.8
30	00	3	1.0	3.6
	06	3	0.8	3.8
	12	3	0.7	4.0
	18	3	1.0	4.2
31	00	3	1.1	4.0
	06	3	1.1	3.8
	12	3	1.0	4.0
	18	3	0.8	3.8
Station: MADRAS				
01	00	1	3.3	3.9
	03	1	2.9	3.7
	06	1	2.4	3.9
	09	1	2.0	3.6
	12	1	1.6	3.8
	18	1	1.3	3.6
02	00	1	1.2	3.7
	03	1	1.2	3.6
	06	1	1.1	3.7
	12	1	1.1	3.5
	18	1	1.2	3.7
03	00	1	1.1	3.5
	03	1	1.0	3.5
	06	1	1.0	3.4
	12	1	0.9	3.4
	18	2	0.7	3.3
04	00	2	0.6	3.4
	03	2	0.5	3.3
	06	2	0.5	3.1
	12	2	0.5	3.1
	18	2	0.5	3.1
05	00	2	0.5	3.1
	03	2	0.5	3.2
	06	2	0.4	3.1
	12	2	0.4	3.1
	18	3	0.4	7.4
		2	0.3	3.1
06	00	3	0.4	7.8
		2	0.3	3.0
	03	3	0.5	7.6
		2	0.3	3.0
	06	3	0.5	7.5
		2	0.3	3.0

International Seismological Centre From the ISC collection scanned by SISMOS

Station: Madras

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
06	12	3	0.6	7.7
		2	0.3	3.0
	18	3	0.5	7.7
		2	0.3	3.0
07	00	3	0.5	7.4
		2	0.3	3.0
	03	3	0.6	7.6
		2	0.3	3.0
	06	3	0.6	7.3
		2	0.3	3.0
	12	3	0.5	7.5
		2	0.3	3.0
	18	3	0.5	7.1
		2	0.2	3.1
08	00	3	0.4	7.3
		2	0.2	3.0
	03	2	0.3	3.2
	06	2	0.3	3.5
	12	2	0.4	3.5
	18	2	0.4	3.5
09	00	2	0.4	3.5
	03	2	0.5	3.5
	06	2	0.5	3.5
	12	2	0.5	3.5
	18	2	0.4	3.5
10	00	2	0.5	3.5
	03	2	0.5	3.8
	06	2	0.5	3.5
	12	2	0.5	3.8
	18	2	0.4	3.7
11	00	2	0.4	3.3
	03	2	0.5	3.6
	06	2	0.5	3.5
	12	2	0.5	3.7
	18	2	0.4	3.7
12	00	2	0.4	3.5
	03	2	0.4	3.4
	06	2	0.4	3.4
	12	2	0.5	3.4
	18	2	0.4	3.6
13	00	2	0.3	3.6
	03	2	0.3	3.6
	06	2	0.3	3.3
	12	2	0.4	3.5
	18	2	0.3	3.5
14	00	...	Earthquake	
	03	2	0.4	3.9
	06	2	0.4	3.8
	12	2	0.4	3.8
	18	2	0.4	3.8
15	00	2	0.3	3.7
	03	2	0.3	3.4

Station: MADRAS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
15	06	2	0.4	3.3
	12	2	0.4	3.2
	18	2	0.3	3.2
16	00	2	0.3	2.9
	03	2	0.3	2.8
	06	2	0.3	2.7
	12	2	0.3	2.7
	18	2	0.3	2.7
17	00	2	0.4	2.6
	03	2	0.4	2.7
	06	2	0.4	2.6
	12	2	0.4	2.7
	18	2	0.3	2.7
18	00	2	0.4	2.8
	03	2	0.4	2.7
	06	2	0.4	2.8
	12	2	0.3	2.7
	18	2	0.4	2.8
19	00	2	0.4	2.7
	03	2	0.4	2.8
	06	2	0.4	2.8
	12	2	0.4	2.9
	18	2	0.4	2.7
20	00	2	0.4	2.8
	03	2	0.5	3.0
	06	2	0.5	3.1
	12	2	0.4	3.0
	18	2	0.5	3.0
21	00	2	0.5	3.0
	03	2	0.5	3.0
	06	2	0.5	3.1
	12	2	0.5	3.0
	18	2	0.5	3.0
22	00	2	05	3.0
	03	2	0.5	3.3
	06	2	0.5	3.4
	12	2	0.5	3.3
	18	2	0.6	3.3
23	00	2	0.7	3.4
	03	2	0.6	3.3
	06	2	0.6	3.4
	12	2	0.6	3.6
		2	0.6	2.9
	18	2	0.7	3.7
		1	0.6	3.0
24	00	2	0.6	3.1
	03	2	0.6	3.0
	06	2	0.6	3.3
	12	2	0.5	3.1
	18	2	0.6	3.0
25	00	2	0.6	3.2
	03	2	0.6	3.1

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: MADRAS				
25	06	2	0.7	3.2
	12	2	0.7	3.3
	18	2	0.7	3.3
26	00	2	0.7	3.3
	03	2	0.7	3.4
	06	2	0.7	3.3
	12	2	0.8	3.4
	18	2	0.8	3.5
27	00	2	0.8	3.9
	03	2	0.8	4.1
	06	2	0.7	4.2
	12	2	0.8	4.2
	18	2	0.8	4.2
28	00	2	0.8	4.3
		2	0.4	2.5
	03	2	0.9	4.2
		2	0.5	2.5
	06	2	0.8	4.1
		2	0.8	2.7
	12	2	0.8	4.0
		2	0.9	2.6
	18	2	0.8	4.1
		2	0.7	2.5
29	00	2	0.8	4.3
		2	0.6	2.6
	03	2	0.9	4.4
		2	0.3	2.2
	06	2	0.9	4.3
		2	0.6	2.6
	12	2	1.0	4.3
		2	0.9	2.7
	18	2	0.8	4.4
		2	0.6	2.7
30	00	2	0.8	4.2
		2	0.5	2.7
	03	2	0.8	4.2
		2	0.6	2.6
	06	2	0.9	2.7
	12	2	0.8	4.3
		2	1.0	2.7
	18	2	0.7	3.9
		2	0.7	2.9
31	00	2	0.7	3.9
		2	0.5	2.8
	03	2	0.8	3.9
		2	0.5	2.7
	06	2	0.8	3.7
		2	0.4	2.3
	12	2	0.7	4.0
		2	0.5	2.5
	18	2	0.7	4.1
		2	0.4	2.6

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR				
01	00	3	1.2	3
	06	3	1.2	3
	12	3	0.8	3
	18	3	0.8	3
02	00	3	0.8	3
	06	3	0.8	3
	12	...	-	-
	18	3	1.2	7
03	00	3	0.8	7
	06	3	1.2	7
	12	3	1.2	7
	18	3	1.2	7
04	00	3	1.2	7
	06	3	0.8	7
	12	3	1.2	7
	18	3	0.8	3
			1.2	7
05	00	33	0.8	3
			1.2	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
	18	...	-	-
06	00	...	-	-
	06	3	1.6	3
	12	3	1.6	3
			0.8	7
	18	3	1.6	3
			0.8	7
07	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			2.0	7
	12	3	1.2	3
			2.4	7
	18	3	1.2	3
			2.8	7
08	00	3	1.2	3
			2.0	7
	06	3	0.8	3
			1.6	7
	12	3	0.8	3
			1.6	7
	18	3	0.8	3
			1.6	7
09	00	3	0.8	3
			1.2	7
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
			1.2	7
	18	3	1.2	3
			0.8	7

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR				
10	00	3	1.2	3
	06	...	-	-
	12	3	1.2	3
	18	3	2.0	3
11	00	3	1.6	3
	06	3	1.6	3
	12	33	1.6	3
	18	3	1.6	3
12	00	3	2.0	3
	06	3	2.0	3
	12	3	2.0	3
	18	3	1.6	3
13	00	3	1.6	3
			0.8	7
	06	3	1.6	3
	12	3	1.6	3
			0.8	7
	18	3	1.2	3
			0.8	7
14	00	3	0.8	3
			0.8	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
			0.8	7
	18	3	0.8	7
15	00	3	2.0	7
	06	3	2.0	7
	12	3	1.6	7
	18	3	1.6	7
16	00	3	0.8	3
			1.6	7
	06	3	1.6	3
			0.8	7
	12	3	1.6	3
			0.8	7
	18	3	1.6	3
			0.8	7
17	00	3	2.0	3
	06	3	2.0	2
	12	3	2.0	3
	18	...	-	-
18	00	3	2.0	2
	06	3	2.0	2
	12	3	2.0	2
	18	3	1.6	2
19	00	3	1.6	2
	06	3	1.6	3
	12	3	1.6	3
	18	3	1.2	3
20	00	3	1.2	3

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLARI				
20	06	3	1.6	3
	12	3	1.6	3
	18	3	1.6	3
21	00	3	1.6	3
	06	3	2.0	3
	12	3	2.4	3
	18	3	2.0	3
22	00	3	2.0	3
	06	3	2.0	3
	12	3	2.0	3
	18	3	2.0	3
23	00	3	2.0	3
	06	3	2.0	3
	12	3	2.0	3
	18	3	2.0	3
24	00	3	1.2	3
	06	3	1.2	3
			0.8	7
	12	3	1.2	3
			1.2	7
	18	3	1.2	3
			1.2	7
25	00	3	1.6	3
			1.2	7
	06	3	1.6	3
			1.2	7
	12	3	1.6	3
	18	3	1.6	3
26	00	3	1.6	3
	06	3	1.6	3
	12	3	1.6	3
	18	3	1.6	3
27	00	3	1.6	3
	06	3	1.6	3
			1.2	7
	12	3	1.6	3
			1.6	7
	18	3	1.6	3
			0.8	7
28	00	3	0.8	3
			0.8	7
	06	3	1.2	3
	12	3	1.6	3
	18	3	1.6	3
			0.8	7
29	00	3	1.2	3
			0.8	7
	06	3	1.2	3
			1.2	7
	12	3	1.6	3
	18	3	1.6	3
			1.2	5

International Seismological Centre From the ISC collection scanned by SISMOS

May 1966

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: PORT BLAIR				
30	00	3	1.6	3
			1.2	5
	06	3	1.2	3
			1.2	5
	12	3	1.2	3
			1.6	5
	18	3	1.2	3
			1.6	5
31	00	3	1.2	3
			1.6	5
	06	3	1.2	3
	12	3	1.6	3
	18	3	1.6	3
Station: SHILLONG				
01	00	3	0.4	4.4
	06	...	-	-
	12	...	-	-
	18	...	-	-
02	00	...	-	-
	06	3	0.4	4.2
	12	3	0.3	4.2
	18	3	0.3	4.2
03	00	3	0.3	3.6
	06	3	0.4	4.0
	12	3	0.3	4.0
	18	3	0.3	4.0
04	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.3	3.8
	18	3	0.3	4.0
05	00	3	0.3	3.8
	06	3	0.3	3.6
	12	3	0.3	4.2
	18	3	0.3	3.8
06	00	3	0.3	3.8
	06	3	0.3	3.6
	12	3	0.3	3.8
	18	3	0.3	3.6
07	00	3	0.2	3.2
	06	3	0.3	4.4
	12	3	0.4	5.0
	18	3	0.3	4.4
08	00	3	0.3	4.0
	06	3	0.3	4.4
	12	3	0.4	4.2
	18	3	0.4	4.4
09	00	3	0.5	4.4
	06	3	0.5	4.2
	12	3	0.4	4.2
	18	3	0.4	4.2

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station. SHILLONG				
10	00	3	0.3	4.2
	06	3	0.3	3.8
	12	3	0.3	4.0
	18	3	0.3	4.0
11	00	3	0.3	3.8
	06	3	0.3	4.0
	12	3	0.4	4.2
	18	3	0.3	3.8
12	00	3	0.2	3.6
	06	3	0.3	3.6
	12	...	-	-
	18	3	0.3	3.6
13	00	3	0.3	4.0
	06	3	0.4	4.2
	12	3	0.4	4.2
	18	3	0.4	4.0
14	00	3	0.3	3.2
	06	...	-	-
	12	3	0.2	3.4
	18	3	0.2	3.6
15	00	3	0.2	3.8
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.3	4.0
16	00	3	0.3	3.8
	06	3	0.3	4.0
	12	3	0.3	3.8
	18	3	0.2	3.6
17	00	3	0.2	3.8
	06	3	0.3	4.1
	12	3	0.3	4.0
	18	3	0.4	4.2
18	00	3	0.3	4.0
	06	3	0.3	4.2
	12	3	0.3	3.8
	18	3	0.4	4.0
19	00	3	0.3	4.0
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.3	3.8
20	00	3	0.3	3.6
	06	3	0.3	3.6
	12	3	0.3	3.6
	18	3	0.3	4.0
21	00	3	0.3	4.0
	06	3	0.4	4.4
	12	3	0.4	4.2
	18	3	0.4	4.2
22	00	3	0.4	4.0
	06	3	0.4	4.2

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DATE	HOUR GMT	K	MEAN Amplitude in mm.	MEAN Period in sec
Station: SHILLONG				
22	12	3	0.4	4.0
	18	3	0.3	4.0
23	00	3	0.4	4.0
	06	3	0.4	4.2
	12	3	0.3	3.8
	18	3	0.3	4.0
24	00	3	0.4	4.4
	06	3	0.3	4.0
	12	3	0.3	3.8
	18	3	0.3	4.0
25	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.3	4.0
26	00	3	0.3	4.0
	06	3	0.4	4.2
	12	3	0.4	4.4
	18	3	0.3	4.0
27	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.3	4.0
28	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.4	4.0
	18	3	0.3	3.8
29	00	3	0.3	3.6
	06	3	0.4	4.0
	12	3	0.4	5.0
	18	3	0.4	4.0
30	00	3	0.3	4.2
	06	3	0.3	3.8
	12	3	0.3	5.0
	18	3	0.3	4.0
31	00	3	0.3	4.4
	06	3	0.3	3.8
	12	3	0.3	4.0
	18	3	0.3	4.0
Station: VISAKHAPATNAM				
01	00	3	0.5	4.4
	06	2	0.8	4.3
	12	A....	-	-
	18	2	0.7	4.0
02	00	2	0.6	4.0
	06	2	0.6	3.6
	12	2	0.5	3.7
	18	2	0.6	3.9
03	00	2	0.4	3.7
	06	2	0.7	3.8
	12	2	0.4	3.3
	18	2	0.5	3.6
04	00	2	0.4	2.5
	06	2	0.4	3.9
	12	2	0.3	2.6
	18	2	0.4	3.0
05	00	2	0.3	3.0
	06	2	0.5	3.4
	12	2	0.4	3.3
	18	2	0.5	3.1
06	00	2	0.3	2.6
	06	2	0.4	2.7
	12	2	0.3	3.0
	18	2	0.6	3.4
07	00	2	0.4	3.0
	06	2	0.6	3.7
	12	2	0.5	3.3
	18	2	0.6	3.4
08	00	2	0.4	3.3
	06	2	0.5	3.3
	12	2	0.3	3.3
	18	2	0.5	3.3
09	00	2	0.4	3.3
	06	2	0.4	3.8
	12	2	0.5	4.4
	18	2	0.5	3.4
10	00	2	0.5	3.3
	06	2	0.6	3.6
	12	2	0.5	3.7
	18	2	0.6	4.1
11	00	2	0.5	3.9
	06	2	0.7	3.7
	12	2	0.6	3.9
	18	2	0.5	3.9
12	00	2	0.5	3.9
	06	2	0.5	3.3
	12	B....	-	-
	18	2	0.5	3.6
13	00	2	0.4	3.3
	06	2	0.4	3.6
	12	2	0.5	3.5
	18	2	0.4	3.3
14	00	2	0.4	3.2
	06	2	0.4	3.0
	12	2	0.4	3.1
	18	2	0.2	2.9

A = No record due to Quarterly Calibration.
B = Earthquake in progress
C = Power failure

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Station: VISAKHAPATNAM

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
15	00	2	0.3	2.7
	06	2	0.3	2.7
	12	2	0.3	2.7
	18	2	0.3	2.7
16	00	2	0.4	2.9
	06	2	0.5	3.3
	12	2	0.3	3.2
	18	2	0.3	3.0
17	00	2	0.3	3.0
	06	A....	–	–
	12	A....	–	–
	18	C....	–	–
18	00	2	0.3	3.5
	06	2	0.5	4.0
	12	2	0.4	3.4
	18	2	0.5	4.9
19	00	2	0.4	3.5
	06	C....	–	–
	12	2	0.3	3.0
	18	2	0.5	3.9
20	00	2	0.4	3.6
	06	1	1.0	4.0
	12	1	0.6	3.9
	18	1	0.7	4.0
21	00	1	0.8	4.0
	06	1	1.1	4.2
	12	1	0.4	3.8
	18	1	0.8	4.0
22	00	3	0.4	2.8
	06	1	0.9	4.1
	12	1	0.7	4.2
	18	1	0.9	4.3
23	00	1	0.5	4.1
	06	1	1.3	4.4

Station: VISAKHAPATNAM

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
23	12	1	0.7	4.2
	18	1	1.0	4.4
24	00	1	0.5	4.3
	06	3	0.7	4.0
	12	3	0.6	4.1
	18	3	0.7	4.1
25	00	3	0.4	4.0
	06	3	0.4	3.8
	12	3	0.5	3.8
	18	3	0.5	3.9
26	00	3	0.6	3.8
	06	2	0.6	3.7
	12	2	0.6	3.8
	18	2	0.4	3.0
27	00	2	0.4	3.5
	06	2	0.4	3.8
	12	2	0.4	3.5
	18	2	0.5	4.6
28	00	2	0.3	3.2
	06	2	0.6	4.0
	12	2	1.0	4.3
	18	2	0.4	2.8
29	00	2	0.7	4.0
	06	2	0.7	4.2
	12	2	0.7	4.4
	18	2	0.5	4.2
30	00	2	0.7	4.2
	06	2	0.5	4.2
	12	2	0.6	4.5
	18	D 3	0.3	2.5
31	00	2	0.4	4.4
	06	2	0.6	4.4
	12	2	0.6	4.3
	18	2	0.6	4.4

D = Thunder storm in progress

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

PUBLISHED UNDER THE DIRECTION OF
SHRI C. RAMASWAMY
DIRECTOR GENERAL OF OBSERVATORIES.

JUN 2 7 1967

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List of Seismograph Stations with their Instruments and Constants

Station and abbreviation	Latitude °N	Longitude °E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Period in secs. Tg	Vmax.	Damping h_1	Constant h_2	Paper speed mm/min.
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500		1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1	1	20
						N	1.01	1.17	5500	1	1	20
						E	1.02	1.15	5600	1	1	20
Bokaro	23.47	85.53		Rock	Press-Ewing	Z	15	100			1	15
BOK						N	15	100			1	15
						E	15	94			1	15
					Sprengnether	E	7.3	7.3	5000		1	30
					Wood-Anderson	N	0.8	0.8	940	1		30
						E	0.8	0.8	950	1		30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	N	12	12	250	0.7		8
BOM						E	12	12	250	0.7		8
					Sprengnether	E	7.3		5000		1	30
					Benioff	Z	-		-		1	30 for LP Galvanometer 60 for SP
Calcutta	22.32	88.20	7 Milne-Shaw 6 Omori-Ewing	Alluvium	Milne-Shaw	E	12		250	0.7		8
CAL					Omori-Ewing	E	19		30			25.4
						N	15		32			25.4
					Sprengnether	N	7.0	7.0	1000		1	30
Chatra	25.50	87.10	161	Sand stone	Benioff	Z	0.72	0.45	-		1	60
CHA					Wood-Anderson	N	0.8		1000	1		30
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		16
						E	12		250	1		16
					Wanner Accelerograph	ZNE	0.1		50	0.6		600
Delhi	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.5	7.5	5000		1	30
NDI					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.75	50K for		1	60
						N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.77	50K sec.		1	60
					Sprengnether	Z	15	100	1500 for		1	15
					(LP)	N	15	100	1500 TE=15		1	15
						E	15	100	1500 sec		1	15
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3	-	-	1	60
DDI					Wood-Anderson	N	0.8		970	1		30
						Z	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Sprengnether	Z	15	100 for TE=15 sec	1500	1	1	30
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5	-		1	30
GOA						E	7.4	7.4	5000		1	30
						N	7.5	7.5	5000		1	30
Hydersabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		243.5	0.7		8
HYD						N	12		250.2	0.7		8
Kodaikanal	10.14	77.28	2345	Rock	Benioff	Z	1.0	0.75	100K for		1	60
KOD					(SP)	N	1.0	0.75	100K TE=1		1	60
						E	1.0	0.75	100K secs		1	60
					Sprengnether	Z	15	100	1500 for		1	30
					(LP)	N	15	100	1500 TE=15		1	30
						E	15	100	1500 secs		1	30
					Milne-Shaw	E	12		250	0.7		8
Madras	13.00	80.11	15		Sprengnether	Z	7.5	7.5			1	30
MDR												
Poona	18.32	75.51	560	Deccan Trap	Benioff	Z	1.0	0.75	50K for		1	60
POO					(SP)	N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.75	50K secs		1	60
					Sprengnether	Z	15	100	3000 for		1	15
					(LP)	N	15	100	1500 TE=15		1	15
						E	15	100	1500 secs		1	15
Port Blair	11.40	92.43	-	-	Milne-Shaw	Z	12		250	0.7		30
PBA					Wood-Anderson	N	2.0		890	0.7		30
						E	0.8		810			30
					Benioff	Z	1.0	1.6		0.8	1	
Sehore	23.10	77.05			Wood-Anderson	N	0.8		860	1		30
SEH						E	0.8		950	1		30
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff (SP)	Z	1	0.75	200K for		1	60
SHL						N	1	0.75	200K TE=1		1	60
						E	1	0.75	200K sec		1	60
					Press-Ewing	Z	15	100	3000 for		1	30
					(LP)	N	15	100	3000 TE=15		1	30
						E	15	100	3000 secs		1	30
					Sprengnether	E	6.7	6.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
					Wanner Accelerograph	Z,N,E	0.1	Nearly	50	0.6		600
Tocklai	26.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1		60
TOC												
Visakha-patnam	17.43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
VIS					Wood-Anderson	E	2.0		950	1		30
						N	0.8		950	1		30
					Electromagnetic(S.P.)	Z	1.55	1.55	5000	1	1	50

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg	
01	SHL	eP	01	46	30		
01	POO	eP	02	18	15		
01	Epc: 51.5°N, 176.2°E, Rat Islands, Aleuthan Islands. Depth = 15 Kms (CGS) H= 02h 33m 56s (USCGS) Mag. 5.1 (CGS).						
	SHL	iP	02	44	51	SWC	
	NDI	eP	02	45	29	C	
	POO	iP	02	46	23.5	C	
01	SHL	iP	03	59	29	ER	
01	NDI	iSg	04	00	46		
01	CHA	iP	07	10	44		
01	PBA	iPg	08	28	51	C	55
		iSg		28	58		
01	BOK	e	09	38	37		
01	SHL	iP	10	27	04	SWC	
01	NDI	eP	12	06	15		
01	NDI	eP	12	37	57	R	
01	SHL	iP	12	46	55	SWC	
01	CHA	iP	16	10	01	C	1.5
01	CHA	iP	16	34	45		1.0
		iS		35	00		
02	Epc: 51.1°N, 176.0°E Rat Islands, Alentian Islands, Depth = 41 Kms (CGS). H=03h 27m 53.3s (USCGS), Mag. = 6.0 (CGS). Mag. = 6 (Pas), 5½-5¾(PAL).						
	SHL	iP	03	38	44	NE	67
		iS		47	37		
	CHA	iP	03	38	57	SW	69.2
		iS		58	03		
	DDI	iP	03	39	42	C	
	BOK	iP	03	39	14		
	NDI	iP	03	39	22	NER	
	POO	iP	03	40	16.5	R	
	TOC	iS	03	47	57		
02	SHL	eP	05	36	19		1.7
		iS		36	42		
02	SHL	eP	05	37	42		
	CHA	iP	05	38	43		6.9
		iS		40	03		

DATE	STN	PHASE	H.	M.	S.	Δ Deg	
02	Epc: Lat. 0.0°N Long 123.2°E, Northern Celebes. Depth = 185 Kms (CGS). H = 07h 08m 08.4 (USCGS). Mag. 5.8 (CGS).						
	SHL	iP	07	15	23	SE	
	CHA	iP	07	15	58		
	POO	eP	07	16	30		
	DDI	eP	07	17	03		
	NDI	iP	07	17	03	SER	
		i		17	40		
02	DDI	eP	10	37	09		
	NDI	i	10	37	20		
02	SHL	iP	12	15	32	R	
02	SHL	iP	19	54	51	R	
03	CHA	ePg	01	14	01		
03	NDI	e	02	01	47		
03	POO	eP	06	32	47		
		eP		32	48		
03	NDI	eP	11	02	39	C	
		i		03	10		
03	SHL	eP	15	42	38		
03	SHL	eP	18	46	37		
	CHA	iP	18	47	02	C	
04	NDI	e	02	19	20		7.0
04	Epc: 36.3°N, 70.8°E, Hindu Kush Region, Depth = 207 Kms. H= 05h 11m 54.2s (USCGS). Mag. = 5.7 (CGS).						
	BHK	iPn	05	13	34	C	6.8
		Sp		14	24		
		iS		14	48		
	DDI	iP	05	13	36	C	8.2
		iS		15	27.1		
	NDI	iP	05	14	06	NWR	8.9
		PPP		14	17		
		i		14	26		
		S		15	44		
		SSS		16	04		
	SEH	iP	05	15	14		14.8
		iS		17	52		
	CHA	iP	05	15	42	C	17.0
		iS		18	40		
	BOM	iP	05	15	49	NWR	18.2

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
04	BOM	PP	05	16	05		
		i		16	09		
		e		16	43		
		iS		19	01		
		e		19	13		
		SS		19	21		
		SSS		19	33		
		PcP		20	33		
	POO	iP	05	15	52	NR	
		PP		16	06		
		PPP		16	14		
		e		19	10		
	BOK	eP	05	15	53		18.4
		iS		19	05		
		SSS		19	35		
	GOA	eP	05	16	25		
	SHL	iP	05	16	25		21.9
		iS		20	06		
		LQ		20	15		
		SS		20	36		
	VIS	iP	05	16	32	C	23.2
		ePP		16	59		
		i		20	10		
		iS		20	24		
		i		20	30		
	MDR	eP	05	17	00		25.5
		eS		21	09		
		LQ		21	37		
		SS		21	55		
		SSS		22	09		
	KOD	iP	05	17	18	NER	
	CAL	i	05	21	01		
04	NDI	ePn	06	25	25	C	1.2
		Sn		25	41		
04	NDI	e	06	32	05		
		i		32	14		
04	NDI	e	13	01	08		
		e		01	07		
04	NDI	eP	15	05	07		8.9
		eS		06	49		
04	SHL	iP	15	48	03	EC	
04	SHL	iP	16	04	56	EC	
04	NDI	eP	18	26	37	R	
		e		27	04		
04	CHA	iPg	19	31	36	C	
04	NDI	e	21	15	07		
04	PBA	iPg	23	46	12	C	.45
		iSg		46	17		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
04	Epc: 46.5°N, 152.5°E, Kurile Islands. Depth = 27 Kms (CGS). H = 23h 48m 17.8s (USCGS). Mag. 5.9 (CGS). $5\frac{3}{4}$-6(Pas), $5\frac{3}{4}$-6(Pal).						
	SHL	iP	23	57	28		51.0
		PP		59	20		
		iS	00	04	45		
	CHA	iP	23	57	47		54.3
		iS	00	05	24		
	BOK	eP	23	58	06		57.0
		iS	00	06	00		
		PS		06	09		
		PPS		06	19		
	DDI	iP	23	58	14	R	57.8
		iS	00	06	12		
	BHK	eP	23	58	16		58.2
		PcP		58	52		
		PPP	00	02	08		
		S		06	17		
		PS		06	31		
		i		10	51		
		SSS		13	10		
	NDI	iP	23	58	24	SWC	59.3
		iS		06	32		
		PPS		07	00		
		SS		08	07		
		SSS		13	26		
	PBA	iP	23	58	32	S	60.7
		iS		06	48		
	VIS	iP	23	58	46	R	63.2
		iS	00	07	17		
	SEH	eP	23	58	52		
		i		59	01		
	MDR	eP	23	59	23		68.3
		PcP		59	51		
		PP	00	02	00		
		PPP		03	35		
		iS		08	24		
		PPS		08	42		
		SS		12	37		
		SSS		15	36		
		LQ		16	56		
	POO	eP	23	59	24		68.7
		eS	00	08	27		
	BOM	eP	23	59	28		69.4
		PcP	23	59	53		
		eS	00	08	35		
		PS		08	55		
		PPS		09	06		
		e		10	25		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
05	KOD	iP	23	59	45	ER	71.8
		eS	00	09	05		
05	NDI	iP	04	27	30.5	WC	
05	DDI	eP	04	57	25		
05	SHL	iP	08	29	52	NW	1.7
		iS		30	15		
	CHA	iP	08	30	53	C	
	BOK	eP	08	31	03		
		i		33	08		
	CAL	i	08	31	44		
	DDI	eP	08	32	47		
	NDI	eP	08	32	50		13.9
		i		32	59		
		eS		35	26		
	POO	eP	08	33	54		
05	NDI	e	09	42	57		
05	NDI	iSg	11	30	31		
05	CHA	iP	17	59	20		7.9
		iS	18	00	51		
05	SHL	eP	18	58	19		
05	NDI	e	21	33	21		
	CHA	iP	21	34	51	C	
05	NDI	e	22	01	35		
06	NDI	e	02	26	05		
06	DDI	eP	04	40	42		
	NDI	eP	04	41	03		12.5
		eS		43	24		
	POO	eP	04	43	13		
	POO	eP	06	11	57		
06	DDI	eP	06	13	12		
06	DDI	eP	06	42	52		
	NDI	e	06	43	10		

06 Epc: 36.3°N, 71.2°E, Afghasistan USSR Border Region, Felt at Faizabad, and Dushanlie.
Depth = 225 Kms (CGS)
H = 07h 46m 16.2s (USCGS).
Mag. 6.3 (CGS), 6¾ (Pas).

BHK	iPN	07	47	51.8	NW	6.4
	i		48	06.8		
	i		48	22.8		
	Sn		49	04.8		
DDI	iP	07	48	15	C	8.2
	eS		49	47		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
06	NDI	iP	07	48	24	NWR	8.7
		P*/PPP		48	41		
		SP		49	12		
		LQ		49	35		
		i		49	44		
		iS		50	01		
	SEH	iP	07	49	28	NW	14.0
		PP		49	41		
		PPP		49	46		
		LQ		51	52		
		iS		51	58		
		SSS		52	32		
	CHA	iP	07	49	58	NW	16.7
		sP		50	58		
		iS		52	54		
	BOM	iP	07	50	08	NWR	18.4
		i		51	02		
		i		51	20		
		iS		53	20		
		PcP		54	30		
		PcS		57	54		
	BOK	iP	07	50	10		
	POO	iP	07	50	13	NWR	18.5
		PP		50	27		
		PPP		50	35		
		iS		53	26		
		SS		53	50		
	CAL	iP	07	50	40	W	21.0
		iS		54	14		
	SHL	iP	07	50	42	SW	21.3
		pP		51	42		
		iS		54	19		
	GOA	iP	07	50	45	C	21.7
		sP		51	47		
		iS		54	25		
		i		55	27		
	VIS	iP	07	50	51	SW	22.1
		PP		50	53		
		eS		54	34		
	TOC	eP	07	50	56		
	MDR	iP	07	51	19	E	26.0
		pP		51	58		
		sP		52	22		
		iS		55	31		
	KOD	iP	07	51	38		27.6
		iS	07	55	55		
		SS		57	47		
		SSS		58	24		
	PBA	iP	07	52	21	SEC	31.7
		pP		53	04		
		sP		53	33		
		iS		57	13		
		i		58	47		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.
06	NDI	e	10	16	09	
		i		16	14	
		i		16	21.	
06	NDI	iSg	17	06	56	
06	NDI	e	17	08	36	
06	Epc: 9.6°N, 126.4°E, Mindanao, Philiphine Islands, Depth = 45 Kms (CGS). H = 20h 47m 11.5s (USCGS). Mag. = 5.7 (CGS).					
	SHL	iP	20	54	14	36.5
		PP		55	44	
		PPP		56	15	
		eS	20	59	51	
		SS		03	10	
		SSS		03	39	
	CHA	iP	20	54	53	
	BOK	iP	20	54	54	E 41.8
		PP		56	33	
		PcP		56	48	
		iS	21	01	07	
		PS		01	15	
		PPS		001	25	
	VIS	eP	20	55	06	
	PBA	i	20	55	07	
		i		21	08	
	MDR	iP	20	55	29	W 47.2
		PP		57	16	
		PPP		58	05	
		iS	21	02	17	
		SS		05	23	
	KOD	iP	20	55	51	NWC 48.1
		PP		57	52	
		PPP		59	02	
		eS	21	02	50	
		SS		06	10	
	NDI	iP	20	55	59.5	50.5
		PP		57	58	
		eS	21	03	07	
		SS		07	07	
	DDI	iP	20	56	00	50.5
		eS	21	03	08	
	BHK	iP	20	56	11	51.0
		PP		58	07	
		PcS	21	01	18	
		eS	21	03	22	
		PPS	21	03	39	
		SS		06	55	
	POO	iP	20	56	15	CW
		PP		58	18	
		PPP		59	30	

DATE	STN	PHASE	H.	M.	S.	Δ Deg.
06	POO	e	21	03	30	
		e		06	03	
		e		07	28	
		e		07	56	
	BOM	iP	20	56	23	CW 53.2
		PP		58	22	
		e		59	36	
		iS	21	03	48	
		PS		03	58	
		PPS		04	04	
		e		06	15	
06	Epc: 9.7°N, 126.6°E, in Mindana Phillipphine Islands, Depth = 45 Kms (CGS) H = 23h 07m 30s (USCGS). Mag 5.3 (CGS).					
	KOD	eP	23	16	11	R
	DDI	iP	23	16	18	R
		i		25	20	
	POO	eP	23	16	34	
	NDI	e	23	25	22	
07	NDI	e	00	08	04	
	DDI	iP	00	08	04.1	R
07	Epc: 15.0°S, 75.8°W, Depth = 48 Kms (CGS). Mag.=5.5(CGS).					
	MDR	ePKP	01	19	16	14.2
		e		20	08	
		e		23	44	
		e		27	13	
		SKS		26	15	
	BHK	ePKP	01	19	30	
		PP		23	15	
	POO	ePKP	01	19	31	14.8
		PP		23	14	
		e		33	37	
	BOM	ePKP	101	19	32	
		PKP_2		19	40	
		ePP^2		23	07	
		e		23	09	
	NDI	ePKP	01	19	33	
	DDI	ePKP	01	19	33.1	R
	KOD	iPKP	01	19	38	C
	BOK	iPKP	01	19	43	
	SHL	iPKP	01	19	49	
07	NDI	e	01	39	58	
07	DDI	iP	03	26	35.2	C
	BHK	e	03	26	48	
		i		27	57	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H. M. S.	Δ Deg.	
07	NDI	iP	03 26 56.5		NER
		iS	28 22		
	POO	eP	03 29 14		
	POO	eP	03 44 09		
	NDI	eP	03 44 10		
07	Epc: 24.2°N, 122.5°E, Taiwan Region, Depth = 41 Kms (CGS). H = 11h 44m 51.5s (USCGS) Mag. 5.7 (CGS).				
	NDI	eP	11 52 29.5		NER
	KOD	iP	11 53 07		CNW
	POO	iP	11 53 09		CW
07	CHA	iPg	13 29 19	1.6	
		Sg	29 40		
07	NDI	e	13 32 39		
07	Epc: 11.3°N, 139.6°E, West Caroline Islands, Depth = 50 Kms (CGS). H = 13h 59m 36 (USCGS). Mag. = 6.5 (CGS). $6\frac{3}{4}$-7(Pas), $6\frac{3}{4}$-7(PAL).				
	PBA	iP	14 07 55	C 47.0	
		e	13 28		
		iS	14 41		
	TOC	eP	14 07 55		
	SHL	iP	14 08 08	47.3	
		PP	09 54		
		PPP	10 36		
		iS	14 56		
		SS	18 12		
	CAL	iP	14 08 38	W 51.0	
		PP	10 31		
		PPP	11 31		
		iS	15 49		
	CHA	iP	14 08 42		NWC52.1
		i	08 56		
		i	09 06		
		PP	10 40		
		iS	16 00		
		PS	16 04		
		PPS	16 14		
		ScS	18 29		
		SS	19 46		
	BOK	iP	14 08 46	E 53.4	
		PP	10 47		
		PPP	11 47		
		iS	16 12		
	VIS	iP	14 09 05	CW 55.9	
		iPP	11 10		
		iPPP	12 22		
		iS	16 46		
		PS	16 47		
		PPS	17 04		
		SS	20 30		
	MDR	iP	14 09 26	W 59.5	
		PP	13 03		
		iS	17 29		
		PS	17 40		
		PPS	17 50		
		SS	21 23		
		SSS	23 43		
	NDI	iP	14 09 42	NWC 61.6	
		i	09 57		
		PP	11 00		
		iS	17 58		
		PS	18 14		
		ScS	19 28		
		SS	21 56		
		SSS	24 50		
	DDI	eP	14 09 44		
		i	17 51		
	SEH	i	14 10 00		
		i	10 14		
	BHK	iP	14 09 47	61.6	
		PcP	10 30		
		PP	12 02		
		PPP	13 26		
		PcS	14 20		
		eS	18 02		
		PPS	18 26		
		ScS	19 24		
		SS	22 04		
	KOD	iP	14 09 47		NWC62.3
		e	09 48		
		PcP	10 30		
		PP	12 03		
		PPP	13 30		
		PcS	14 21		
		iS	18 07		
		PS	18 34		
		PPS	18 36		
		ScS	19 27		
		SS	22 07		
	POO	iP	14 10 04		CW 63.6
		PPP	13 53		
		iS	18 38		
		PS	18 58		
		SS	22 54		
		SSS	25 31		
	GOA	eP	14 10 09		
	BOM	iP	14 10 12		CW 85.2
		i	10 26		
		i	12 31		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
07	BOM	i	14	12	31		
		PP		12	35		
		PcS		14	51		
		iS		18	49		
		i		18	56		
		e		19	05		
		PPS		19	18		
		SS		22	58		
07	POO	eP	15	34	25		
	NDI	iP	15	34	33.5	C	
07	CHA	iPg	20	08	25	C	1.5
		Sg		08	46		
07	NDI	e	22	26	58		
07	NDI	i	22	47	29		
07	NDI	iP	23	48	43	NR	
07	POO	eP	23	54	28		
08	POO	eP	06	35	32		
08	BOK	e	09	40	52		
08	POO	eP	13	58	30		
08	POO	eP	15	16	45		
08	DDI	eP	19	25	38		
	NDI	eP	19	26	49	NR	
		eS		28	29		
08	Epc: 53.1°N, 171.1°E, Near Islands, Aleutian Islands, Depth = 20 Kms (CGS). H = 19h 56m 21.3s (USCGS). Mag. 5.4 (CGS).						
	DDI	iP	20	06	20	R	
	CHA	iP	20	07	05	C	
	NDI	iP	20	07	31	SWC	
	POO	iP	20	08	29	NC	
	KOD	iP	20	08	52	C	
09	Epc: 7.6°N, 94.1°E, Nicobar Islands Region, Depth = 55 Kms (CGS). H = 00h 12m 12.1s (USCGS). Mag. = 5.3 (CGS).						
	PBA	eP	00	13	20		4.2
		PPP		13	30		
		i		13	45		
		iS		14	05		
		iS		14	17		
		S*		14	27		
		Sg		14	37		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
09	MDR	eP	00	15	34		14.1
		PP		15	46		
		PPP		15	54		
		eS/LQ		18	09		
	VIS	iP	00	15	35	CW	14.1
		iS		18	11		
	KOD	iP	00	16	05	SER	17.1
		eS		19	12		
	SHL	iP	00	16	18		18
		eS		19	34		
	BOK	eP	00	16	18		
		iS		19	39		
		SS		20	05		
		SSS		20	20		
	CHA	iP	00	16	46		
		i		20	39		
	DDI	iP	00	16	52	R	21.1
		eS		20	38		
	POO	eP	00	17	08		
		e		21	18		
		e		21	22		
		e		21	24		
	BOM	eP	00	17	24		24.3
		PP		17	55		
		PPP		18	05		
		iS		21	36		
		LQ		22	08		
		SS		22	25		
	NDI	iP	00	17	45	SER	
	BHK	e	00	23	16		
		e		24	02		
09	KOD	e	00	27	51		
09	POO	eP	00	32	53		
	BHK	iP	02	17	41.3	C	6.5
		e		18	56.6		
	DDI	iP	02	18	02		7.8
		eS		19	32		
	NDI	eP	02	18	18		8.5
		iS		19	56		
	POO	eP	02	20	12		
09	NDI	iP	11	30	52		
	POO	eP	11	31	37		
09	NDI	iP	13	17	25.6	R	
09	CHA	iP	15	48	22		1.7
	NDI	iP	15	49	04.6	NER	55.7
		eS		56	51		
	POO	iP	15	50	03	NR	

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
09	NDI	e	21	46	40		
09	Epc: 30.1°N, 142.2°E, South of Honshu, Japan, Depth = 12 Kms (CGS). H = 22h 16m 22.1s (USCGS). Mag. 5.1 (CGS)						
	SHL	eP	22	24	32		
	CHA	e	22	25	03		
	NDI	iP	22	26	01		NER
	POO	iP	22	26	46		R
09	NDI	eP	22	29	33		
10	CHA	iPg	00	26	13		C
10	POO	eP	04	37	34		
10	DDI	eP	07	31	21		
10	DDI	eP	08	33	21		
10	BOK	i	09	21	04		W
10	PBA	ePg	11	13	52	20.8	
		iSg		14	02		
10	DDI	eP	18	41	20		
10	PBA	ePg	19	27	18	45.0	
		eSg		27	23		
10	Epc: 45.1°N, 99.7°E, Mongolia, Depth = 33 Kms(CGS). H= 22h 41m 48.5s. Mag. = 5.1 (USCGS).						
	SHL	iP	22	46	26		SW 20.8
		iS		50	14		
	CHA	iP	22	46	31		C
	DDI	iP	22	46	54		R
	BOK	e	22	47	04		
		e		47	03		
	BHK	i	22	51	15		
11	Epc: 23.6°N, 119.9°E, Taiwan Region, Depth = 33 Kms (CGS) H = 03h 01m 08.7 (USCGS) Mag. = 5.2 (CGS).						
	SHL	iP	03	06	37		SER 25.6
		PP		07	24		
		iS		11	03		
		SS		11	14		
		SSS		12	44		
	CHA	iP	03	07	16		
	DDI	eP	03	08	24		
	BHK	eP	03	08	28		
		i		14	35		
		i		17	30		

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
11	POO	eP	03	09	07		
	MDR	eP	03	10	18		
		e		14	39		
		e		17	54		
		e		26	27		
	BOM	eP	03	10	46		
		e		15	21		
		e		15	53		
		e		26	43		
	BOK	eP	03	12	34		
11	Epc: 35.7°N, 72.2°E, West Pakistan, Depth = 104 Kms (CGS). H = 06h 08m 49.1s (USCGS) Mag. = 4.9 (CGS).						
	BHK	iPn	06	10	11		SEC4.9
		i		10	22		
		i		10	38		
		iSn		11	09		
	DDI	eP	06	10	35	6.9	
		eS		11	53		
	NDI	iP	06	10	45		SEC7.6
		PPP		10	50		
		eS		12	10		
	CHA	iP	06	12	20	15.6	
		iS		15	09		
	POO	eP	06	12	40		
	SHL	eP	06	13	10		
	BOK	e	07	25	17		
11	NDI	eP	10	30	23		
11	SHL	eP	11	51	22		
11	NDI	eP	12	13	32		
11	CHA	iP	18	25	01		
	NDI	eP	18	25	26		
		i		25	38		
	POO	iP	18	26	17.3		NC
11	NDI	iP	22	31	50.7	8.6	
		eS		33	30		
12	POO	iP	07	31	19.2		C
12	PBA	iPg	13	00	36		R R55.0
		iSg		00	42		
12	PBA	e	13	40	36		
12	SHL	iP	15	35	07		R
12	NDI	e	16	26	41		
		i		22	03		
		i		22	24		
12	NDI	i	19	46	02		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
12	NDI	iPg	20	55	14.3	NWR	0.4
		iSg		55	19.8		
12	POO	iP	21	01	29		
13	NDI	eP	01	07	17		
13	PBA	iPg	02	00	11	R	.65
		iSg		00	19		
13	DDI	eP	06	58	17		
13	SHL	iP	07	46	21	C	
13	MDR	e	07	51	08		
		e		58	58		
	BHK	e	07	52	22		
	BOM	e	07	54	08		
		e		59	37		
		e	08	25	10		
	KOD	eP	07	57	40	W	53.7
		eS	08	05	13		
13	BHK	e	09	19	32		
		i		20	16.2		
13	DDI	eP	09	49	22		
		i		51	29		
	CHA	e	09	51	20		
	POO	eP	09	53	02		
13	SHL	eP	11	11	02		
13	DDI	eP	11	29	24		91.0
		iS		30	58		
	NDI	eP	11	29	38		9.4
		eS		31	16		
13	POO	eP	11	35	05		
13	SHL	iP	12	03	27	C	
13	Epc: 12.2°S, 167.1°E Santacruz Islands. Depth = 259 Kms (CGS). H = 18h 08m 38.4s (USCGS). Mag. = 6.2 (CGS).						
	PBA	iP	18	20	08	C	77.5
		iS		29	38		
	SHL	iP	18	20	33	NE	83.3
		iS		30	28		
		PS		31	08		
		SS		35	37		
	CAL	iP	18	20	48	E	86.1
		iSKS		30	47		
		eS		30	56		
	CHA	iP	18	20	56	NWC	87.4
		SKS		30	59		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
13	BOK	iP	18	20	57	SE	87.9
		SKS		31	01		
		eS		31	13		
	VIS	iP	18	21	02	WC	88.3
		PP		24	04		
		PPP		25	55		
		SKS		31	05		
		eS		31	20		
	MDR	iP	18	21	10		89.4
		PP		24	48		
		PPP		26	35		
		SKS		31	18		
		SS		31	41		
	KOD	iP	18	21	20	WC	94.5
		SKS		31	32		
		eS		32	02		
		i		33	10		
		i		38	10		
	NDI	iP	18	21	34	EC	
		SKS		31	49		
		i		33	59		
	DDI	iP	18	21	34		96.1
		SKS		31	49		
	SEH	eP	18	21	35		97.8
		SKS		31	54		
		eS		32	32		
	POO	eP	18	21	39		
		e		22	35		
		i		31	56		
		i		32	40		
		e		34	10		
		e		34	11		
	BHK	iP	18	21	41	C	
		i		22	35		
		i		26	47		
		i		34	10		
	BOM	iP	18	21	46	CW	98.2
		PPP		26	46		
		SKS		31	59		
		i		32	49		
13	SHL	iP	20	27	38	R	
	CHA	iP	20	28	37	C	
13	SHL	eP	21	41	41		
14	BOK	e	09	03	40		
14	BOK	e	09	36	52		
14	POO	iP	09	51	38.4	SWR	
	BOM	iPn	09	51	48.1	RW	1.7
		iSn		52	10.5		
		S		52	10.9		

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
14	KOD	eP	09	53	12	NEC	7.2
		iS		54	35.5		
		e		54	36.5		
	MDR	i	09	55	12		
14	MDR	ePg	09	55	06		0.4
		eSg		55	11		
14	BOK	e	10	17	50		
14	CHA	eP	15	12	12		
14	Epc: 5.3S, 124.5°E, Banda Sea, Depth= 656 Kms (CGS). H = 16h 39m 50.5s (USCGS). Mag. = 5.4 (CGS).						
	SHL	iP	16	47	05	C	
	CHA	iP	16	47	37	C	
	POO	iP	16	48	25.3	NWR	
	DDI	iP	16	48	32	R	
	NDI	iP	16	48	34	NWC	55.8
		eS		55	36		
	PBA	e	16	50	52		
14	CHA	iP	20	21	58		
14	CHA	iP	20	46	49		
14	SHL	iP	21	10	59	R	
		i		12	59		
	CHA	iP	21	11	28		
	DDI	iP	21	12	17	C	
	NDI	eP	21	12	26		
	POO	iP	21	13	13	R	
14	SHL	iP	22	09	43	R	
14	SHL	eP	23	55	13		
15	Epc: 10.4°S, 160.8°E, Salomn Islands, felt in Gaudalcanal, Malatta. Depth = 31 Kms (CGS). H = 00h 59m 45.8s (USCGS). Mag. 6.1 (CGS). 7½(Pas)7 7.3(Brk)7½-7¾(PAL)						
	PBA	iP	01	11	09	R	70.8
		iS		20	24		
		SS		24	40		
		SSS		27	50		
		LQ		29	36		
	SHL	iP	01	11	32	SER	76.1°
		PP		14	34		
		PPP		16	19		
		iS		21	15		
	CAL	iP	01	11	49	S	79.4

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
15 Contd.	CAL	PcP	01	12	04		
		PP		14	57		
		iS		21	50		
	CHA	eP	01	11	55		80.2
		PPP		16	46		
		S		22	00		
		SS		27	13		
		SSS		30	23		
		i		31	32		
		LQ		33	23		
	BOK	eP	01	11	57		80.4
		iS		22	03		
	VIS	iP	01	12	06		81.4
		PP		15	14		
		PPP		17	06		
		iS		22	17		
		PS		23	05		
		PPS		23	27		
		SS		27	36		
	KOD	iP	01	12	12	SER	83.4
		PP		15	35		
		iS		22	33		
		ScS		23	03		
		SS		28	09		
	MDR	eP	01	12	12		83.6
		iS		22	34		
		PS		23	21		
		PPS		23	43		
	DDI	eP	01	12	40		88.2
		eS		23	24		
	NDI	iP	01	12	41	ER	88.7
		iS		23	27		
15	BHK	eP	01	12	48		89.4
		PP		16	17		
		PPP		18	14		
		SKS		23	15		
		eS		23	37		
	BOM	eP	01	12	48		89.4
		PcP		12	52		
		PPP		18	20		
		SKS		23	19		
		SKKS		23	26		
		eS		23	37		
		PS		24	45		
		LQ		38	37		
	POO	eP	01	12	49		90.0
		i		16	40		
		e		18	35		
		iS		23	41		
		i		26	22		
15	POO	eP	01	46	00		
15	SHL	iP	02	48	15	R	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
15	SHL	iP	03	15	19	C	
15	KOD	iP	03	19	10	NWC	
15	SHL	iP	03	44	59	R	
15	SHL	iP	03	55	43	C	
15	SHL	iP	04	38	40	R	
15	SHL	iP	06	25	36	C	
	CHA	eP	06	26	08		
15	BOK	e	08	38	30		
15	BOK	e	09	38	03		
15	BOK	e	09	45	16		
15	BOK	e	11	01	09		
15	SHL	iP	14	02	27	R	
15	SHL	eP	16	29	02		
15	SHL	iP	16	48	12	C	
	CHA	eP	16	48	37		
16	SHL	iP	00	15	35	R	
16	NDI	e	02	54	19		
16	BOK	e	08	30	09		
16	SHL	iP	14	43	15	R	
16	SHL	iP	17	02	14	R	
16	CHA	iP	17	02	41	C	11.5
		S		04	51		
16	SHL	iP	19	28	19	R	
16	NDI	iP	20	51	48.2	R	
16	Epc: 26.2°S, 70.8°E, South Indian Ocean. Depth = 33 Kms (CGS)H=22h 30m 04.2s. Mag. 5.1 (USCGS).						
	CHA	e	22	39	36		
	SHL	iP	22	39	37	R	
	NDI	e	22	39	39		
17	SHL	iP	00	56	50	R	
17	SHL	iP	06	03	21	SWC	
17	POO	eP	08	11	32		
17	BOK	e	08	14	42		
17	BOK	e	08	40	16		
17	NDI	i	08	57	41		
17	BOK	e	09	18	11		
17	NDI	eP	11	48	12		8.5
		iS		49	50		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
17	BOK	e	12	02	28		
17	SHL	iP	12	14	25	C	
17	POO	eP	12	45	28		
17	SHL	iP	12	55	02	C	
	NDI	iP	12	55	03	SWC	
	POO	eP	12	55	32		
17	SHL	iP	15	16	42	R	
17	CHA	iP	17	26	11	C	1.2
		iS		26	28		
17	NDI	e	18	30	17		
17	SHL	iP	22	37	51	C	
	CHA	e	22	38	19		
17	SHL	iP	22	58	11	C	
17	CHA	eP	22	58	45		
	NDI	e	22	59	57		
18	SHL	iP	00	39	37	R	
18	POO	eP	11	51	04		
18	SHL	iP	13	43	47	C	
		e		44	48		
18	CHA	e	14	27	25		
18	Epc: 3.3°S, 143.2°E, Near North Coast of New Gunea. Depth = 17 Kms. H = 19h 15m 24.4s. Mag. 5.2 (USCGS).						
	SHL	iP	19	25	15	EC	57.3
		iS		33	11		
	KOD	eP	19	26	21	R	
	DDI	eP	19	26	42		
	NDI	eP	19	26	42		71.0
		eS		35	58		
18	POO	eP	19	26	47		
18	MDR	e	19	29	05		
		e		34	47		
18	POO	eP	23	22	19		
19	SHL	iP	00	26	02	R	
19	NDI	eSg	02	45	20		
19	NDI	e	08	03	20		
		e		03	27		
	CHA	eP	08	03	44		
19	DDI	eP	09	55	40		
		i		55	51		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
19	NDI	ePn	09	56	10		2.1
		iSn		56	37		
19	PBA	ePg	14	59	25		75.0
		iSg		59	34		
19	PBA	ePg	14	59	25		75.0
		iSg		59	34		
19	DDI	iP	16	00	42.1	R	
19	SHL	eP	16	35	09		
19	CHA	iP	18	04	33		
19	SHL	eP	19	23	05		
19	SHL	iP	19	40	01	C	
	CHA	eP	19	40	12		
	DDI	eP	19	40	25	R	
	NDI	eP	19	40	34		
	POO	iP	19	41	27	C	
19	SHL	eP	22	45	05		
19	NDI	e	23	59	05		
20	SHL	iP	01	35	25	C	
	CHA	iP	01	35	38	C	
20	NDI	e	04	40	46		
20	BOK	e	08	22	36		
20	BOK	e	08	57	30		
20	NDI	eP	12	18	56	SEC	0.9
		eS		20	39		
20	Epc: 28.7°N, 76.9°E, H= 13h 42m 56.6s. Depth 33 Kms. Mag. 4.7 (CGS).						
	NDI	iPg	13	43	03.8	SEC	0.36
		iSg		43	08.5		
	DDI	iP	13	43	26	C	1.8
		eS		43	49		
	BHK	iPn	13	43	42.2		2.2
		P*		43	44.8		
		Sn		44	11		
	SEH	eS	13	45	29		
		i		45	54		
		i		45	59		
	SHL	eP	13	46	11		
	BOK	e	13	46	52		
	POO	eP	13	47	02		
	KOD	eP	13	50	32		
20	SHL	iP	16	26	38	C	
20	PBA	ePg	21	39	21		.35

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
20	PBA	P*	21	39	22		
		iSg		39	24		
		P		39	26		
		S*		39	29		
21	SHL	iP	00	55	24	R	
	CHA	e	00	55	47		
21	CHA	eP	03	59	05		
21	NDI	iP	04	00	03.5		
21	BOK	e	08	24	33		
21	BOK	i	08	48	09		
21	BOK	e	10	02	25		
21	NDI	iPg	13	05	34.3	SEC	0.35
		iSg		05	38.8		
21	SHL	iP	13	42	52	SW	
21	CHA	iP	13	43	22	C	
21	NDI	iPg	14	21	41.6	SEC	0.36
		iSg		21	46.3		
	DDI	eP	14	21	57		
21	SHL	iP	14	23	10		
21	POO	eP	14	27	09		
21	POO	eP	14	40	46		
21	SHL	iP	15	55	49	C	
21	CHA	iP	15	56	11		
21	SHL	iP	19	32	39	SWC	
	CHA	e	19	33	01		
21	BHK	e	19	48	37		
		i		49	36.2		
		i		49	37.6		
		i		49	44.4		
	DDI	iP	19	48	44.1	R	
		i		50	22		
	NDI	iP	19	48	58.2	EC	8.5
		iS		50	33		
		SSS		50	56		
21	CHA	iP	19	50	33	C	
		e		53	32		
21	SHL	iP	19	51	16	SWC	
21	POO	eP	19	54	03		
21	CHA	iP	20	21	04	C	
		S		21	21		
21	Epc: 50.1°N, 157.8°E, Kurile Islands. Depth=14 Kms (CGS). H= 23h 06m 25.9s. Mag = 5.8(USCGS) 5¼ 5½ (PAL).						
	SHL	iP	23	16	03	NER	

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
21	CHA	iP	23	16	19	C	
	DDI	iP	23	16	39	R	
	NDI	iP	23	16	51.5	SWC	
		i		17	03		
	POO	eP	23	17	50		
	KOD	iP	23	18	16	NER	
22	SHL	iP	02	02	28	C	
22	NDI	i	07	45	13		
22	BOK	e	08	28	18		
22	BOK	e	08	39	11		
22	NDI	iP	09	46	03.4	CE	
		iS		47	44		
22	SHL	iP	11	51	13	R	
	NDI	e	11	15	17		
22	NDI	eP	15	53	54		
22	NDI	eP	19	00	22		
22	EPC: 7.2°S, 124.6°E, Banda Sea, Depth - 507 Kms (CGS) H = 20h 29m 03.6s. Mag. = 6.1 (USCGS).						
	EBA	iP	20	35	30	C	36.7
		PP		36	20		
		i		37	11		
		iS		40	37		
		i		44	51		
	TOC	eP	20	36	36		
	SHL	iP	20	36	40		45.0
		PP		38	18		
		iS		42	40		
		SSS		45	33		
	VIS	iP	20	36	58	WC	47.7
		eP		36	58		
		PP		38	38		
		PPP		39	08		
		iS		43	15		
		SS		46	14		
	MDR	iP	20	37	03	E	48.7
		PP		38	44		
		i		40	34		
		iS		43	26		
		SS		46	26		
		LQ		46	56		
		SSS		47	20		
	BOK	iP	20	37	05	SW	49.0
		PcP		38	48		
		PcS		42	39		
		iS		43	30		
		SS		46	35		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
22	CHA	iP	20	37	11		50.7
		PcP		38	58		
		PcS		42	22		
		S		43	46		
		ScS		46	51		
		SS		47	04		
	KOD	iP	20	37	14	NWC	50.9
		PP		39	00		
		PPP		39	35		
		iS		43	51		
		PPS		44	01		
		SS		46	52		
		ScS		47	07		
		LQ		47	30		
		SSS		47	45		
	SEH	iP	20	37	51	NW	55.3
		eS		44	55		
	POO	iP	20	37	56.4	ER	56.8
		PP		39	51		
		eS		45	09		
		PS		45	17		
		PPS		45	22		
		SS		48	38		
		SSS		50	10		
	BOM	iP	20	38	04	C	57.5
		i		38	08		
		i		39	49		
		i		40	46		
		iS		45	21		
		i		45	18		
		PS		47	02		
		i		47	35		
		e		48	28		
	NDI	iP	20	38	08	SER	57.7
		P		39	54		
		iS		45	26		
		PS		47	08		
		sS		48	34		
		i		49	37		
		SS		52	25		
		i		52	54		
	DDI	iP	20	38	11.0	C	58.6
		pP		39	59		
		iS		45	36		
	BHK	eP	20	38	22		60.8
		i		40	09		
		PPP		41	44		
		S		45	58		
		i		46	24		
		ScS		48	02		
		SSS		51	26		
		i		53	21		
22	NDI	iSg	22	42	22		
23	Epc: 43.8°N, 139.9°E, Eastern Sea of Japan, Depth = 218 Kms (CGS). H = 05h 01m 42.4s. Mag.= 5.5 (USCGS)						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
23	SHL	iP	05	09	21	NER	
		i		15	30		
	CHA	iP	05	09	42	C	
	NDI	iP	05	10	28.6	NER	
		e		17	31		
	POO	iP	05	11	29	NR	
23	CHA	eP	07	08	27		
	SHL	iP	07	09	08	R	
		e		09	21		
23	BOK	e	08	40	09		
23	BOK	e	08	44	45		
23	BOK	e	08	47	51		
23	NDI	eP	17	44	13		8.1
		iS		45	46		
	CHA	i	17	45	47	C	
		i		48	41		
	SHL	iP	17	46	36	C	
23	SHL	eP	20	01	23		
23	CAL	iP	20	38	26	N	25.6
		PPP		39	26		
		iS		42	52		
		SSS		44	15		
23	SHL	iP	21	59	53	SWC	
23	CHA	iP	22	00	19		
	NDI	iP	22	01	09.9	SWC	
	POO	eP	22	02	05		
24	SHL	iP	03	07	39		
		e		08	14		
24	NDI	eP	07	07	29		8.5
		iS		09	06		
24	NDI	eP	07	31	01		
		e		32	55		
24	BOK	e	08	35	03		
24	BOK	e	09	01	44		
24	PBA	iPg	09	07	18	R	30.6
		iSg		07	26		
24	BOK	e	10	28	41		
24	NDI	eP	15	31	27		9.5
		iS		33	16		
24	SHL	iP	15	34	01	C	
24	SHL	iP	17	01	11	C	
24	SHL	iP	17	12	01	C	
24	SHL	eP	17	16	01		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
24	SHL	eP	19	01	12		
24	SHL	iP	20	19	27	SWR	
24	KOD	iP	22	44	11.5	C	
24	SHL	iP	22	44	27	SER	
24	NDI	eP	22	57	52	R	
25	NDI	e	00	59	57		
25	NDI	iP	01	55	42.8	SWC	55.6
		eS	02	03	28		
25	POO	iP	01	56	29	C	
		iP		56	29.5		
25	KOD	iP	02	11	32.8	NWC	
		e		11	33		
25	NDI	iPg	04	54	30.5	SEC	0.41
		iSg		54	35.8		
25	SHL	iP	05	45	11	E	
25	BOK	e	08	21	38		
25	BOK	e	10	50	15		
25	Epc: 30.5°N, 82.3°E, Tibet. Depth = 53 Kms (CGS). H = 12h 05m 04.7s. Mag. = 4.8(USCGS).						
	NDI	ePn	12	06	17.2	SC	2.8
		Pg		06	27		
		Sn		06	52		
		Sg		07	05		
	CHA	iP	12	06	31	C	5.0
		eP		06	32		
		S		07	30		
	BOK	eP	12	07	16		
		i		08	09		
		i		08	11		
	SHL	iP	12	07	25	SEC	
	BOM	e	12	07	36		
	POO	iP	12	08	22	NR	12.8
		LQ		10	39		
		eS		10	47		
		SS		11	00		
		SSS		11	44		
	KOD	iP	12	09	44	SC	
	VIS	eP	12	10	16		
	MDR	e	12	12	10		
		e		12	12		
25	DDI	eP	12	21	03		
		i		21	42		
25	SHL	iP	15	48	04	C	
25	SHL	iP	16	13	02	R	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
25	NDI	i	17	43	53		
		e		44	12		
25	SHL	iP	17	44	01	C	
25	SHL	iP	18	17	14	SWC	2.7
		iS		17	48		
25	SHL	iP	18	49	05	C	
	CHA	iP	18	49	34		
	NDI	eP	18	50	24	C	
25	CHA	IP	22	24	27	C	0.8
		eS		24	39		
25	CHA	eP	23	20	39		0.9
		iS		20	53		
25	CHA	iP	23	47	24		0.9
		S		47	37		
26	SHL	iPg	00	33	48	SWC	1.3
		iSg		34	05		
26	SHL	iPg	00	45	51	R	1.3
		iSg		46	08		
26	NDI	iP	00	55	00.5	C	
26	SHL	iP	04	22	04	NC	15.0
		eS		24	52		
	TOC	e	04	22	56		
26	POO	eP	04	25	17		
	KOD	iP	05	00	59	NWC	
26	TOC	e	10	56	25		
		i		56	35		
		Sg		56	38		
		i		56	45		
	SHL	iPg	10	56	31		0.8
		iSg		56	42		
	CHA	iP	10	57	26		
		i		58	52		
	BOK	eP	10	57	50		
	NDI	eP	10	59	21	R	12.9
		eS	11	01	47		
	POO	eP	11	00	31		
26	NDI	eP	11	39	55		
26	SHL	eP	15	00	50		4.1
		iS		01	39		
26	SHL	iP	17	52	41	S	
	POO	iP	17	53	36	R	
	NDI	i	17	54	03		
26	SHL	eP	20	14	53		
26	SHL	eP	20	32	37		4.5
		iS		33	31		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
26	SHL	iP	23	13	41	C	
26	SHL	iP	23	33	48		
	CHA	iP	23	34	31		
	NDI	iP	23	36	00.5		
27	SHL	eP	00	55	39		3.5
		eS		46	21		
27	SHL	iP	02	48	47	SE	2.7
		iS		49	21		
	NDI	e	04	15	58		
		e		17	29		
27	SHL	iPg	05	20	09		0.6
		iSg		20	17		
27	SHL	iP	06	42	30		1.2
		iS		42	47		
27	BOK	e	09	13	43		
27	Epc: 29.7°N, 80.9°E, Nepal India Border, 80 Killed, Many injured. Depth = 37 Kms (CGS). H= 10h 41m 08.6s. Mag.= 6.1 (USCGS).						
	DDI	iP	10	41	50	R	
		Pg		41	56		
	NDI	iPn	10	42	00	NR	3.2
		Pg		42	11		
		Sn		42	39		
	BHK	ePn	10	42	14		4.2
		i		42	26.4		
		Pg		42	33		
		iSn		43	04		
		Sg		43	27		
	CHA	iP	10	42	39	SEC	5.7
		PP	10	42	47		
		PPP	10	42	53		
		LQ	10	43	36		
		iS	10	43	48		
		SS		44	01		
		SSS		44	11		
	BOK	iP	10	42	53	NW	
	SEH	iP	10	42	54		6.8
		PP		43	00		
		PPP		43	09		
		LQ		44	04		
		iS		44	12		
		SS		44	24		
		SSS		44	36		
	CAL	iP	10	43	22		9.3
		iS		45	09		
	SHL	iP	10	43	36	SEC	9.8
		PPP		43	54		
		iS		45	28		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
27	VIS	iP	10	43	43		10.9
		PP		43	53		
		PPP		44	01		
		iS		45	47		
		SSS		46	01		
	TOC	eP	10	43	59		11.4
		iS		46	08		
	POO	iP	10	44	05	NER	11.9
		iS		46	20		
	BOM	iP	10	44	07	NER	11.9
		PP		44	17		
		iS		46	22		
		SS		46	37		
	MDR	iP	10	45	01	E	15.0
		PP		46	11		
		PPP		45	21		
		LQ		47	44		
		iS		47	49		
	KOD	iP	10	45	34	NER	19.6
		PP		45	53		
		PPP		46	04		
		iS		49	10		
		SS		49	36		
		SSS		49	55		
	PBA	iP	10	45	52	C	21.4
		PP		46	27		
		PPP		46	35		
		iS		49	47		
		SS		50	22		
27	NDI	e	10	49	13		

27 Epc: 29.8°N, 80.7°E, Nepal, Indian Border Region, Depth = 33 Kms (CGS). H = 10h 49m 5.0s

27	DDI	ePn	10	50	29		2.4
		eSn		51	00		
	NDI	ePn	10	50	38		3.2
		Pg		50	48		
		Sn		51	17		
	SEH	eP	10	51	38		6.8
		eS		52	56		
	BHK	ePn	10	50	55		3.6
		Pg		51	09		
		Sn		51	39		
	CHA	eP	10	51	26		6.1
		eS		52	37		

27 Epc: 29.7°N, 81.0°E, Nepal Indian Border Region. Depth = 40 Kms (CGS). H= 10h 59m 18.1s. Mag. = 6.0 (USCGS), 6 (Pas) $6\frac{1}{2}$-$6\frac{3}{4}$ (Pal).

	DDI	iPn	11	00	02		2.5
		eSn		00	33		
	NDI	iPn	11	00	08.9	NER	3.1
		iPg		00	19		
		eSn		00	47.6		
	BHK	eP	11	00	23.8		
	CHA	eP	11	00	48		5.7
		eS		01	54		
	SEH	iP	11	01	06	W	6.7
		iS		02	24		
	VIS	iP	11	02	07		11.2
		eP		02	07		
		iS		04	14		
		i		05	27		
	BOM	iP	11	02	19	SC	12.6
		PP		02	29		
		PPP		02	37		
		LQ		04	32		
		iS		04	42		
		SS		04	56		
	PBA	iP	11	04	06		21.9
		iS		08	04		

27 Epc: 29.7°N, 80.8°E, Nepal India Border Region, Depth = 33 Kms (CGS). H = 11h 21m 43s. Mag.= 5.4 (USCGS).

	DDI	ePn	11	22	26		2.5
		eSn		22	57		
	CHA	eP	11	23	17		5.7
		S		24	24		
	SEH	iP	11	23	30	SW	6.8
		LQ		24	39		
		iS		24	48		
	POO	eP	11	24	40		
27	CHA	eP	11	25	46		5.7
		iS		26	52		
	BOM	e	11	28	25		
27	NDI	e	11	31	52		
		e		32	22		
27	NDI	e	11	47	17		
27	NDI	ePn	11	52	43		3.1
		Pg		52	53		
		eSn		53	21		
27	NDI	iPn	12	00	12.8		3.1
		iPg		00	22.8		
		eSn		00	51.3		
27	NDI	e	12	03	23		
		i		03	50		
27	NDI	iP	12	13	39.8	R	
27	NDI	e	12	17	57		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
27	NDI	ePn	12	20	25		3.2
		Pg		20	36		
		iSn		20	04		
27	POO	eP	12	24	40		
27	NDI	iPn	12	36	58.4	SC	3.1
		Pg		37	08		
		iSn		37	36.4		
27	NDI	iPn	12	40	28		
		Sn		41	08		
27	POO	eP	12	41	19		
27	NDI	ePn	12	43	28		3.0
		eSn		44	05		
27	NDI	iPn	12	58	19	NER	3.2
		iSn		58	59		
27	NDI	ePn	13	10	40		3.2
		eSn		11	19		
27	NDI	e	13	13	50		
		i		14	20		
27	NDI	e	13	31	28		
		i		31	57		
27	NDI	ePn	13	33	57		3.2
		ePg		34	07		
		iSn		34	37.1		
27	NDI	e	13	47	01		
		i		47	29		
27	Epc: 29.6°N, 80.8°E, Nepal - India Border Region. Depth = 35 Kms (CGS). H = 13h 55m 51.9s. Mag. = 5.4 (USCGS).						
	DDI	iPn	13	56	34		2.4
		eSn		57	05		
	NDI	iPn	13	56	42.6	ER	3.2
		iPg		56	53		
		iSn		57	21.1		
		iSn		57	33.6		
	BHK	Pn	13	57	06.4		4.7
		Sn		58	02.6		
		S*		58	16.4		
	CHA	iP	13	57	23	C	5.9
		S		58	32		
	BOK	eP	13	57	36		
	SHL	iP	13	58	20	SC	9.8
		iS	14	00	12		
	POO	eP	13	58	48		11.7
		eS	14	01	01		
	BOM	iP	13	58	55	SC	12.5
		PP		59	02		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
27 CONTD.	BOM	LQ	14	01	07		
		iS		01	17		
		SS		01	30		
		e		01	38		
		SSS		01	44		
	KOD	iP	14	00	21	NER	19.6
		iS		03	57		
	VIS	iP	14	00	30		
	MDR	M	14	02	31		
27	NDI	e	14	11	20		
27	NDI	e	14	24	09		
27	NDI	e	14	26	38		
		i		27	32		
		i		27	57		
27	NDI	e	14	31	15		
		i		31	41		
27	NDI	e	14	44	08		
		i		44	35		
27	DDI	ePg	14	48	39		2.4
		iSg		59	11		
	NDI	iPn	14	48	47.1	ER	3.2
		iPg		48	57		
		Sn		49	26		
		Sg		49	38		
	CHA	eP	14	49	28		5.9
		eS		50	37		
	SHL	iP	14	50	25	SC	
	NDI	e	14	52	54		
	POO	eP	14	53	06		
27	SEH	e	14	57	38		
		i		58	56		
	NDI	e	14	58	12		
27	NDI	e	15	35	42		
		i		36	10		
27	NDI	e	15	37	16		
		i		37	44		
27	POO	eP	15	41	27		
27	NDI	e	15	47	02		
		i		47	31		
27	NDI	e	16	56	08		
		i		56	27		
27	NDI	ePn	17	32	43		3.2
		eSn		33	22		
27	NDI	e	17	42	05		
		e		42	33		
27	NDI	e	17	47	55		
27	NDI	e	18	00	13		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
27	NDI	e	18	04	53		
27	NDI	e	18	58	55		
27	NDI	ePg	19	00	20		0.31
		iSg		00	24		
27	Epc: 29.0°N, 80.9°E, H = 19h 30m 33s (New Delhi).						
	DDI	iP	19	31	18		
		i		31	57		
	NDI	iPn	19	31	26.5		3.2
		Pg		31	39		
		Sn		32	06		
		Sg		32	20		
	CHA	eP	19	32	05		5.5
		S		33	10		
	SHL	iP	19	33	02	C	
	POO	eP	19	33	32		
27	NDI	ePn	19	38	24		3.1
		Pg		38	34		
		iSn		39	02		
27	POO	eP	19	42	45		
27	NDI	e	20	09	09		
		i		09	36		
27	DDI	iP	20	14	09		
		i		14	18		
	NDI	ePn	20	14	18		3.0
		iSg		14	28		
		iSn		14	55		
		Sg		15	09		
	CHA	eP	20	14	54		6.2
		S		16	06		
27	POO	eP	20	39	16		
27	NDI	e	20	40	34		
		e		40	46		
27	NDI	e	21	11	21		
27	SHL	iPg	21	29	02		1.0
		iSg		29	15		
27	DDI	eP	22	08	38		
		i		09	09		
	NDI	iPn	22	08	46.3	SWC	3.0
		iPg		08	56		
		iSn		09	23		
27	POO	eP	22	13	04		
27	DDI	eP	22	35	16		
		i		35	58		
	NDI	iPn	22	35	26.3	R	3.1
		Pg		35	37		
		eSn		36	04		
27	SHL	iP	22	37	05		
		i		39	00		
27	POO	eP	22	39	46		
27	NDI	e	22	42	07		
		i		42	34		
27	SHL	iP	22	51	25	NC	3.0
27	NDI	e	23	03	10		
27	NDI	e	23	15	56		
28	NDI	e	00	07	17		
		i		07	44		
		e		08	04		
28	NDI	ePn	00	14	45		3.1
		Sn		15	23		
28	NDI	e	00	21	41		
		i		22	08		
28	CHA	e	04	17	51		
		e		19	34		
28	DDI	eP	05	24	08		
		i		24	51		
28	POO	eP	05	28	41		
28	BOK	e	08	53	04		
28	NDI	ePn	09	33	16		3.2
		Pg		33	26		
		Sn		33	55		
28	DDI	eP	10	05	27		
		i		06	06		
	NDI	ePn	10	05	38		3.2
		Pg		05	48		
		Sn		06	17		
28	SHL	iP	11	50	48	C	
28	NDI	e	12	05	25		
		i		05	52		
28	NDI	ePn	12	42	38		3.2
		Pg		42	48		
		Sn		43	17		
28	DDI	eP	13	23	58		
		i		24	33		
	NDI	ePn	13	24	07	SWC	3.1
		ePg		24	18		
		eSn		24	45		
		eSg		24	57		
	CHA	iP	13	24	50	C	
	POO	eP	13	28	27		
28	NDI	e	14	19	38		
28	Epc: 29.4°N, 81.1°E, Nepal, Depth = 33 Kms (CGS). H = 15h 43m 37s. Mag. 5.4(USCGS)						

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
28	DDI	iPn	15	44	24	R	2.5
		eSn		44	55		
	NDI	iPn	15	44	32.2	SWC	3.2
		eSn		45	12		
	CHA	iP	15	45	12		5.9
		S		46	21		
		i		46	24		
		i		46	38		
	BHK	e	15	45	18		
		i		45	54		
	BOK	e	15	45	29		
		i		47	32		
	SEH	eP	15	45	25		6.8
		i		45	32		
	VIS	eP	15	46	06	C	
		iS		48	09		
		i		49	46		
	SHL	iP	15	46	08	NW	9.7
		eS		47	59		
	POO	eP	15	46	37		11.8
		eS		48	51		
	BOM	eP	15	46	41		12.6
		PP		46	51		
		eS		49	04		
		SS		49	17		
	KOD	eP	15	48	09	C	
	MDR	e	15	50	29		
28	SHL	iP	16	53	55	NWC	
28	CHA	iP	16	54	29	C	
	NDI	eP	16	55	38	NER	8.5
		eS		57	16		
28	SHL	iPg	17	41	21	NE	0.9
		eSg		41	33		
28	NDI	e	19	46	50		
		i		47	20		
28	SHL	eP	19	59	04		4.6
		eS		59	59		
28	SHL	iPg	20	11	33	NEC	0.7
		iSg		11	42		
	CHA	eP	20	12	23		
		i		12	28		
		i		13	32		
28	NDI	e	20	29	27		
		i		29	54		
28	NDI	iPn	221	45	19		

28 Epc: 24.7°N, 121.6°E,
Depth = 33 Kms (CGS)
H= 22h 57m 03.3s.
Mag.=4.8(USCGS).

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
28	DDI	eP	23	01	07		
		i		01	39		
		i		06	13		
	NDI	iPn	23	01	15.1	NER	3.2
		iPg		01	25.1		
		iSn		01	54.6		
		Sg		02	07		
	GHA	eP	23	01	55		21.4
		eS		05	49		
	SHL	iP	23	02	43	C	27.7
		iS		07	25		
	POO	eP	23	03	22		
	SEH	iP	23	03	28		
28	NDI	iPn	23	05	49.3	ER	3.1
		Pg		06	00		
		iSn		06	27.8		
	CHA	iP	23	06	29		
	VIS	iP	23	09	28		
28	NDI	e	23	29	49		
		i		30	16		
29	NDI	e	00	40	19		
		i		40	45		

29 Epc: 29.8°N, 81.0°E, Nepal
India Border Region.
Depth 12 Kms.
H = 00h 42m 08.6s.
Mag. = 4.9(USCGS).

	DDI	ePn	00	42	54		2.5
		eSn		43	25		
	NDI	iPn	00	43	03.9	ER	3.1
		iSn		43	42.5		
	CHA	eP	00	43	48		5.5
		eS		44	53		
	SEH	eP	00	43	59		7.0
		eS		45	20		
	BHK	e	00	44	18		
	SHL	eP	00	54	43		
		e		45	33		
	POO	eP	00	45	11		
	VIS	iP	00	46	46		
29	MDR	e	00	49	12		
		e		50	47		
29	NDI	e	00	56	19		
		i		56	45		
29	NDI	e	02	06	39		
		i		07	08		
29	NDI	ePn	02	46	43		3.0
		Pg		46	53		
		Sn		47	20		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
29	NDI	e	03	24	45		
29	NDI	ePn	03	32	02		3.1
		Pg		32	13		
		Sn		32	40		
	CHA	eP	03	32	43		5.6
		iS		33	49		
29	NDI	e	03	56	05		
		i		56	32		
29	NDI	e	04	56	01		
		i		56	30		
29	NDI	e	05	48	54		
		i		49	22		
29	NDI	ePn	05	25	43		2.1
		Pg		25	54		
		Sn		26	11		
29	DDI	eP	06	10	25		
29	POO	eP	06	14	52		
29	DDI	eP	06	27	31		
29	CHA	eP	06	28	23		5.6
		iS		29	29		
29	POO	eP	06	32	40		
29	DDI	eP	07	01	24		
		i		02	26		
	NDI	e	07	01	40		
		i		02	07		
	BHK	i	07	02	15		
	CHA	eP	07	03	15		
		i		03	17		
	SHL	iP	07	03	38	SWC	
29	BOK	e	08	18	56		
29	BOK	e	08	44	45		
29	SHL	eP	08	53	40		3.3
		iS		54	20		
29	BOK	e	08	57	41		
29	NDI	e	09	09	53		
29	SHL	ePg	10	25	01		0.4
		iSg		25	07		
29	NDI	e	13	33	48		
29	SHL	eP	14	06	50		3.7
		iS		07	35		
29	DDI	eP	21	11	47		
		i		12	17		
	NDI	iPn	21	11	55.5	SEC	3.1
		Pg		12	05		
		Sn		12	34		
		Sg		12	45		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
29	CHA	eP	21	12	39		5.7
		eS		13	47		
	POO	eP	21	14	03		
	SHL	iP	21	14	34	N	
		i		16	29		
29	NDI	e	21	24	03		
		i		24	31		
29	SHL	iP	21	36	40	NC	
	CHA	iP	21	37	06	C	
29	Epc: 13.8°S, 166.7°E, Depth = 21h 46m 54.5s. Mag.= 6.2 (USCGS).						
	SHL	iP	21	59	18	NWC	
	CHA	i	21	59	40		
29	SHL	iP	22	57	11	NE	
	CHA	iP	22	57	50		
	DDI	iP	22	58	55	R	
	NDI	iP	22	59	00.4	SER	
	POO	eP	22	59	41		
30	NDI	iSg	00	44	09		
30	NDI	e	03	03	28		
		i		03	55		
30	NDI	e	03	34	17		
30	BOK	e	08	44	45		
	BHK	iPn	08	45	36.2	C	2.4
		iSn		46	05.8		
		e		46	06		
	DDI	eP	08	45	59		
		i		47	14		
30	NDI	ePn	08	46	00		3.5
		eSn		46	45		
30	CHA	iP	09	06	46		
		i		12	15		
	DDI	iP	09	07	20.1	R	
	NDI	iP	09	07	30.6	NER	
		i		13	39		
	POO	iP	09	08	34	ER	
30	SHL	iP	09	11	27	C	
30	NDI	e	09	46	42		
		e		47	08		
30	NDI	e	09	50	33		
30	NDI	e	12	20	59		
		e		21	27		

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
30	Epc: 9.6°N, 126.7°E, Phillipine Islands. Depth = 44 Kms. H = 12h 27m 41.9s. Mag. 5.4 (USCGS).						
30	SHL	iP	12	34	45		
	BUK	e	12	35	25		
	PBA	i	12	35	49		
	KOD	iP	12	36	22		SEC
	DDI	iP	12	36	30		R
	NDI	eP	12	36	30		C
	POO	eP	12	36	47		
30	Epc: 24.4°N, 122.2°E, Taiwan Region, Felt. Depth= 47Kms (CGS). H=15h 45m 26.0s. Mag. = 5.4(USCGS).						
30	SHL	iP	15	51	09		EC
	KOD	iP	15	51	37.2		EC
	CHA	iP	15	51	47		C
	DDI	eP	15	52	56		
	NDI	e	15	52	59		
30	NDI	e	16	13	21		
		i		13	50		
30	CHA	iPg	16	38	38		
30	CHA	iPg	16	47	08		
30	CHA	eP	17	08	07		
30	CHA	eP	17	10	15		
30	NDI	e	21	09	30		
		i		09	30		
30	DDI	i	22	34	19		
30	NDI	e	22	48	38		

International Seismological Centre From the ISC collection scanned by SISMOS

List of felf earthquake reports received from Voluntary Observers for the Month of JUNE, 1966

S. No.	Station	Date in GMT	Time in GMT	No. of Shocks	Duration (sec.)	Intensity (R.F.Scale)	Remarks
1	Bhuntar	6.6.66	07 50	5*	70	V	*With interval 15 sec.
2.	Srinagar	6.6.66	07 48	2*	180	V	*With interval 5sec.
3	Gulmarg	6.6.66	07 45	4	60	VIII	
4	Shillong	26.6.66	11 00	1	120	V	
5	Shillong	26.6.66	10 52	1	120	V	
6	Mukteswar	27.6.66	10 44 10 52 11 00 11 24 13 54	5	3 15 10 4 4	VIII	Coming from NE
7,	Askote (Dt:Pithoragarh).	27.6.66	10 40 10 50 10 57 11 20	4	10 2 55 5	V	
8.	Joshimath	27.6.66	11 00 11 03 11 08 11 10 11 12	5	20 7 4 3 3	IV	
	Thatipur (Morar,Gwalior)	27.6.66	11 00	2	3 each	V	
9.	Nainital	27.6.66	10 40 to 14 00	6	5 to 20 sec.	VIII	
10.	Mainpur	27.6.66	11 00 11 00	2 (1/2 Sec. Interval)	1/4	V	
11.	Bilaspur (H.P.)	27.6.66	11 00	3 (1/2 to 1 Sec. interval	10	V	
12.	Bareilly	27.6.66	11 00 11 06 11 30	3	20 25 5	V	
13.	Shillong	28.6.66	20 20	2	90	V	

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

Station: Bombay, Colaba.

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
01	00	3	0.5	4.0
			0.3	2.0
	06	3	0.5	4.4
			0.3	2.3
			0.2	1.6
	12	3	0.5	4.1
			0.3	2.0
	18	3	0.5	4.0
			0.3	2.0
02	00	3	0.5	4.1
			0.3	2.0
	06	3	0.4	4.5
			0.3	2.1
	12	3	0.5	4.3
			0.3	2.1
	18	3	0.5	5.2
			0.3	2.0
03	00	3	0.5	5.0
			0.3	2.0
	06	3	0.5	4.6
			0.3	2.2
	12	3	0.6	4.5
			0.3	2.1
	18	3	0.5	4.3
			0.3	2.1
04	00	3	0.5	4.1
			0.3	2.0
	06	3	0.6	4.5
			0.3	1.9
	12	3	0.5	4.6
			0.3	2.0
	18	3	0.5	4.6
			0.3	2.0
05	00	3	0.5	4.5
			0.3	2.0
	06	3	0.5	4.2
			0.3	2.0
	12	3	0.5	4.2
			0.3	2.1
	18	3	0.5	4.1
			0.3	2.1
06	00	3	0.5	4.1
			0.3	2.1
	06	3	0.6	3.7
			0.3	2.1
	12	3	0.7	4.0
			0.3	2.3
	18	3	0.9	4.0
			0.4	3.0
07	00	3	0.7	3.8
			0.5	2.6
07	06	3	0.5	3.1
			0.5	2.1
	12	3	0.7	4.0
			0.5	2.1
	18	3	0.7	4.2
			0.3	2.0
08	00	3	0.7	4.3
			0.3	2.0
	06	3	0.9	4.1
			0.3	2.1
	12	3	0.9	4.0
			0.3	2.3
	18	3	0.6	4.0
			0.3	2.0
09	00	3	0.6	4.0
			0.4	2.3
	06	3	0.5	4.0
			0.3	2.1
	12	3	0.5	4.0
			0.3	2.1
	18	3	0.5	4.1
			0.3	2.0
10	00	3	0.7	4.2
			0.3	2.5
	06	3	0.7	4.4
			0.5	3.0
			0.2	2.0
	12	3	0.7	4.2
			0.5	2.5
	18	3	0.7	4.2
			0.5	2.7
			0.3	2.0
11	00	3	1.1	3.8
			0.9	3.0
			0.4	1.8
	06	3	1.1	4.0
			0.9	2.1
	12	3	1.3	4.0
			1.0	2.5
			0.3	2.1
	18	3	1.2	4.0
			0.7	2.9
12	00	3	1.1	4.1
			0.5	2.0
	06	3	1.1	3.9
			0.9	2.4
			0.3	2.0
	12	3	1.1	4.1
			0.9	2.6
			0.3	1.8
	18	3	1.1	4.0
			0.7	2.4
			0.3	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

JUNE 1966

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
13	00	3	0.9	3.8
			0.7	2.7
			0.5	2.1
	06	3	1.0	4.0
			0.5	2.3
			0.3	1.6
	12	3	1.0	4.3
			0.5	2.4
			0.3	1.9
	18	3	1.0	4.0
			0.5	2.7
			0.3	1.8
14	00	3	0.9	4.0
			0.5	2.0
	06	3	1.0	3.9
			0.9	2.9
			0.4	1.8
	12	3	1.2	4.1
			0.9	3.0
			0.5	2.2
	18	3	1.3	2.8
			0.5	2.0
15	00	3	1.3	3.8
			1.0	2.5
			0.5	2.0
	06	3	1.5	2.9
			1.1	2.2
	12	3	1.3	3.1
			0.9	2.2
	18	3	1.7	3.6
			1.1	2.4
16	00	3	1.4	3.6
			0.6	2.0
	06	3	1.5	3.9
			1.0	2.9
	12	3	1.5	4.0
			0.9	2.4
	18	3	1.6	4.3
			0.9	2.6
17	00	3	1.5	4.2
			0.7	2.6
			0.3	2.0
	06	3	1.7	3.8
			1.0	2.5
	12	3	1.5	4.0
			0.5	2.4
			0.3	2.0
	18	-	-	-
18	00	-	-	-
	06	3	1.9	4.0
			1.1	2.9
			0.5	2.0
	12	3	1.7	3.6
			1.1	2.5
18	18	3	1.9	3.6
			1.1	2.4
19	00	-	-	-
	06	3	2.1	3.8
			1.1	2.3
	12	3	2.0	4.0
			1.5	2.9
			1.0	2.2
	18	3	2.3	4.0
			1.5	3.0
			0.5	1.9
20	00	3	1.9	4.0
			1.3	2.9
			0.5	2.0
	06	3	1.9	3.8
			1.8	2.8
			0.4	2.0
	12	3	2.4	4.0
			1.1	3.0
			0.8	2.0
	18	3	1.9	3.8
			1.8	3.1
			0.6	2.0
21	00	3	2.0	4.0
			1.5	3.0
			0.7	2.0
	06	3	1.8	4.0
			1.3	3.0
			0.4	2.0
	12	3	1.9	4.0
			1.2	2.9
			0.5	2.1
	18	3	1.7	3.9
			1.7	3.0
			0.6	2.0
22	00	3	1.9	4.2
			1.5	3.0
			0.5	2.0
	06	3	1.7	4.0
			1.4	2.8
			0.7	2.0
	12	3	1.9	4.2
			1.3	3.0
			0.5	2.0
	18	3	1.5	3.9
			1.1	3.0
			0.5	2.0
23	00	3	1.7	4.1
			1.2	3.0
			0.6	2.0
	06	3	1.3	3.8
			1.0	3.0
			0.4	1.9
	12	3	1.5	4.2
			1.4	3.2
			0.5	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
23	18	3	1.5	3.8
			1.1	3.2
			0.5	2.0
24	00	3	1.5	4.0
			1.1	3.0
			0.5	2.0
	06	3	1.3	3.9
			1.0	3.0
			0.5	2.0
	12	3	1.4	3.9
			1.0	3.0
			0.5	2.1
	18	3	1.3	3.8
			0.9	2.6
			0.5	2.0
25	00	3	1.4	4.1
			0.8	2.6
			0.3	1.8
	06	3	1.3	4.0
			0.7	3.2
			0.5	2.0
	12	3	1.4	3.8
			0.7	2.9
			0.4	2.0
	18	-	-	-
26	00	-	-	-
	06	3	1.5	3.9
			1.0	3.0
			0.3	1.8
	12	3	1.3	3.9
			0.8	2.5
			0.4	1.6
	18	3	1.3	4.0
			0.8	2.5
27	00	3	1.3	3.8
			0.9	2.6
			0.5	1.8
	06	3	1.5	3.8
			0.7	3.0
			0.5	2.2
	12	Shock in progress		
	18	3	1.5	4.1
			1.1	3.0
			0.5	2.0
28	00	3	1.5	4.1
			1.1	3.2
			0.5	2.2
	06	3	2.1	4.0
			1.5	3.1
			0.6	2.2
	12	3	2.1	4.1
			1.5	3.1
			0.8	2.1
	18	3	2.1	4.2
			0.9	2.8
			0.5	2.0
29	00	3	2.0	4.2
			1.4	3.1
			0.5	2.1
	06	3	2.1	4.2
			1.5	2.9
			0.6	2.0
	12	3	2.1	4.3
			1.3	2.9
			0.5	2.0
	18	3	2.3	4.6
			1.3	3.0
			0.8	2.2
30	00	3	2.5	5.1
			1.5	3.6
			0.4	1.8
	06	3	2.4	4.6
			1.5	3.1
			0.5	2.0
	12	3	2.5	4.4
			1.1	3.0
			0.5	2.0
	18	3	1.1	4.1
			1.3	3.1
			0.6	2.0

Station: BOKARO

01	00	3	0.3	5.0
	06	3	0.4	5.2
	12	3	0.4	5.0
	18	3	0.3	5.0
02	00	3	0.5	4.8
	06	3	0.5	4.2
	12	3	0.6	5.4
	18	3	0.7	4.2
03	00	3	0.9	4.2
	06	...	-	-
	12	...	-	-
	18	...	-	-
04	00	...	-	-
	06	3	0.4	4.8
	12	3	0.4	5.0
	18	3	0.4	4.4
05	00	3	0.3	3.6
	06	3	0.3	4.6
	12	3	0.4	4.6
	18	3	0.4	4.4
06	00	3	0.4	4.8
	06	3	0.4	4.4
	12	3	0.4	4.6
	18	3	0.4	4.8

International Seismological Centre From the ISC collection scanned by SISMOS

JUNE 1966

Station: BOKARO

DATE	HOUR GMT	K	K	MEAN Amplitude in mm	MEAN Period in sec.
07	00	3		0.4	5.2
	06	3		0.3	4.4
	12	3		0.5	6.0
	18	3		0.5	4.4
08	00	3		0.5	4.8
	06	3		0.5	3.8
	12	3		0.3	3.9
	18	3		0.5	4.3
09	00	3		0.4	4.1
	06	3		0.4	4.3
	12	3		0.5	4.3
	18	3		0.4	4.0
10	00	3		0.4	4.1
	06	3		0.4	4.4
	12	3		0.5	4.6
	18	3		0.6	4.5
11	00	3		0.5	4.3
	06	3		0.7	4.4
	12	3		0.5	4.0
	18	3		0.5	4.2
12	00	3		0.4	3.8
	06	3		0.4	4.6
	12	...		-	-
	18	3		0.4	3.8
13	00	3		0.4	4.8
	06	3		0.3	4.4
	12	3		0.4	4.1
	18	3		0.3	3.9
14	00	3		0.3	3.6
	06	3		0.3	3.7
	12	3		0.4	4.1
	18	3		0.5	4.5
15	00	3		0.3	3.6
	06	3		0.4	3.7
	12	3		0.4	3.4
	18	3		0.4	3.9
16	00	3		0.3	3.1
	06	3		0.4	3.4
	12	3		0.4	4.1
	18	3		0.6	4.2
17	00	3		0.5	3.8
	06	3		0.6	4.4
	12	3		0.5	4.8
	18	3		0.5	4.7
18	00	3		0.4	4.4
	06	3		0.5	4.6
	12	3		0.5	4.6
	18	3		0.5	4.6
19	00				

Station: BOKARO

DATE	HOUR GMT	K	MEAN Amplitude	MEAN Period in sec.
19	00	3	0.5	5.0
	06	3	0.7	4.8
	12	3	0.6	5.2
	18	3	0.7	5.1
20	00	3	0.8	5.0
	06	3	0.8	5.4
	12	3	0.8	5.0
	18	3	0.7	5.0
21	00	3	0.7	5.0
	06	3	0.7	5.0
	12	3	0.6	5.0
	18	3	0.6	5.0
22	00	3	0.5	5.4
	06	3	0.5	5.0
	12	3	0.7	5.0
	18	3	0.5	4.7
23	00	3	0.6	5.0
	06	3	0.5	5.0
	12	3	0.5	5.0
	18	3	0.5	5.2
24	00	3	0.4	5.4
	06	3	0.5	
	12	3	0.4	5.1
	18	3	0.4	4.7
25	00	3	0.4	5.3
	06	3	0.4	4.8
	12	3	0.4	5.0
	18	3	0.4	4.6
26	00	3	0.4	5.1
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.4	4.2
27	00	3	0.3	4.0
	06	3	0.5	5.0
	12	...	-	-
	18	3	0.5	4.9
28	00	3	0.5	4.8
	06	3	0.7	4.8
	12	...	-	-
	18	3	0.6	5.4
29	00	3	0.7	5.3
	06	3	0.7	5.2
	12	3	0.9	5.6
	18	3	0.9	5.3
30	00	3	0.8	5.8
	06	3	0.9	5.5
	12	3	0.9	6.0
	18	3	1.1	5.8

International Seismological Centre From the ISC collection scanned by SISMOS

Station: CALCUTTA

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
01	00	3	1.5	4.0
	06	3	1.5	4.0
	12	3	1.3	3.8
	18	3	1.3	4.3
02	00	....		
	06	3	2.4	3.5
	12	3	2.1	3.6
	18	3	1.8	3.7
03	00	3	2.0	3.7
	06	3	2.2	4.0
	12	3	2.4	3.8
	18	3	2.4	3.7
04	00	3	2.3	4.0
	06	3	2.2	4.2
	12	3	2.1	3.9
	18	3	1.8	4.0
05	00	....		
	06	3	2.0	3.7
	12	3	1.5	3.8
	18	3	2.0	3.9
06	00	3	2.0	3.6
	06	3	2.9	4.0
	12	3	1.8	3.9
	18	3	2.1	3.4
07	00	3	2.2	3.7
	06	3	2.1	4.0
	12	3	2.8	4.0
	18	3	2.9	4.4
08	00	3	3.0	4.0
	06	3	3.0	3.9
	12	3	2.2	4.0
	18	3	3.0	4.3
09	00	3	3.2	4.3
	06	3	3.8	5.0
	12	....		
	18	3	3.6	5.0
10	00	3	2.9	4.3
	06	3	3.2	5.0
	12	3	4.8	5.0
	18	3	3.9	4.8
11	00	3	4.0	3.9
	06	....		
	12	....		
	18	....		
12	00	....		
	06	3	3.0	4.0
	12	3	5.0	3.9
	18	3	4.2	3.8
13	00	3	2.1	4.0
	06	3	2.0	4.0
	12	3	1.8	4.0
	18	3	1.5	4.0
14	00	3	1.2	3.7
	06	3	1.2	4.0
	12	....		
	18	3	1.6	4.0
15	00	3	1.8	4.0
	06	3	3.0	3.8
	12	3	2.5	3.0
	18	3	2.3	4.0
16	00	3	3.9	3.0
	06	3	2.5	2.8
	12	3	4.1	4.2
	18	3	2.0	4.8
17	00	3	3.0	3.9
	06	3	3.0	2.8
	12	3	3.1	4.8
	18	3	2.6	4.3
18	00	3	2.8	4.2
	06	3	2.5	4.6
	12	....		
	18	3	2.0	4.3
19	00	3	2.1	4.5
	06	3	3.0	4.8
	12	3	2.8	4.6
	18	....		
20	00	....		
	06	3	2.9	4.5
	12	3	2.6	4.8
	18	....		
21	00	....		
	06	3	2.8	5.0
	12	3	1.9	5.2
	18	3	1.9	4.8
22	00	3	1.8	4.7
	06	3	1.7	4.5
	12	3	1.9	4.4
	18	....		
23	00	....		
	06	3	1.6	3.5
	12	3	1.0	3.8
	18	3	2.0	3.9
24	00	3	2.1	3.9
	06	3	2.3	3.3
	12	3	2.1	3.9
	18	3	1.6	3.7
25	00	3	1.7	3.2
	06	3	2.2	4.8
	12	3	3.0	4.2
	18	3	2.0	4.5

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
26	00	3	2.2	3.9
	06	3	2.0	4.0
	12	3	2.2	4.0
	18	...		
27	00	...		
	06	...		
	12	...		
	18	3	1.3	4.8
28	00	3	2.0	3.2
	06	...		
	12	3	4.1	4.0
	18	3	4.5	4.5
29	00	3	3.0	4.9
	06	3	3.1	4.7
	12	3	2.5	4.0
	18	3	2.3	3.8
30	00	3	2.1	4.2
	06	3	2.5	4.2
	12	3	2.3	3.8
	18	3	2.8	4.6

Station: MADRAS

01	00	2	0.7	4.0
		1	0.7	2.8
	03	1	0.9	2.8
	06	1	0.9	2.8
	12	2	0.8	3.9
		2	0.6	2.8
	18	1	0.9	4.0
		2	0.5	2.7
02	00	1	1.0	4.2
		2	0.7	2.7
	03	1	1.0	4.4
		2	0.7	2.7
	06	1	1.0	4.4
		2	0.8	2.9
	12	1	1.0	4.3
		2	0.7	2.8
	18	1	1.0	4.2
		2	0.6	2.9
03	00	2	1.0	4.2
		2	0.7	2.2
	03	1	1.1	4.1
		2	0.9	2.4
	06	1	1.1	4.0
		2	1.0	2.4
	12	1	1.0	4.0
		2	0.8	2.9
	18	2	0.9	4.4
		2	0.6	2.8
04	00			

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
04	00	2	0.9	4.2
		2	0.5	2.7
	03	2	0.9	4.3
		2	0.5	2.9
	06	2	0.9	4.0
		2	0.4	2.8
	12	2	0.8	4.2
		2	0.4	2.7
	18	2	0.8	4.3
		2	0.4	2.7
05	00	2	0.7	4.3
	03	2	0.8	4.3
	06	2	0.8	4.3
	12	2	0.8	4.1
	18	2	0.8	4.2
06	00	2	0.7	4.2
	03	2	0.8	4.1
		2	0.5	2.7
	06	2	0.8	4.1
		2	0.5	3.0
	12	2	0.8	4.4
		2	0.5	2.9
	18	2	0.8	4.4
		2	0.5	3.0
07	00	2	0.7	4.4
		2	0.5	3.0
		3	0.1	1.7
	03	2	0.7	4.3
		2	0.5	2.9
	06	2	0.7	4.5
		2	0.6	3.1
	12	2	0.7	4.5
		2	0.5	3.1
	18	2	0.7	4.5
		2	0.5	2.9
08	00	2	0.7	4.4
		2	0.4	2.8
	03	2	0.6	4.3
		2	0.5	2.9
	06	2	0.7	4.3
		2	0.5	3.0
	12	2	0.7	4.3
		2	0.4	2.8
	18	2	0.6	4.4
		2	0.4	2.8
09	00	...	Earthquake	
	03	2	0.5	4.2
		2	0.4	2.8
	06	2	0.5	4.3
		2	0.4	2.9
	12	2	0.5	4.3
		2	0.3	2.5
	18	2	0.5	4.1
		2	0.3	2.7

International Seismological Centre From the ISC collection scanned by SISMOS

Station: MADRAS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
10	00	2	0.6	4.2
		2	0.4	2.9
	03	...	No record	
	06	...	No record	
	12	2	0.7	4.6
		2	0.7	4.6
		3	0.4	2.4
	18	2	0.8	4.7
		3	0.4	2.5
11	00	2	0.8	4.7
		2	0.3	2.5
	03	2	0.7	4.7
		2	0.3	2.4
	06	2	0.6	4.5
		2	0.4	2.7
	12	2	0.7	4.7
		2	0.3	2.7
	18	2	0.7	4.7
		2	0.4	2.5
12	00	2	0.6	4.8
		2	0.2	2.1
	03	2	0.6	4.8
		2	0.3	2.5
	06	2	0.6	4.7
		2	0.3	2.6
	12	2	0.7	4.8
		2	0.4	2.5
	18	2	0.7	4.8
		2	0.4	2.6
13	00	2	0.6	4.5
		2	0.4	2.6
	03	2	0.6	4.5
		2	0.3	2.7
	06	2	0.5	3.8
	12	2	0.5	3.6
	18	2	0.5	3.5
14	00	2	0.5	3.5
	03	2	0.5	3.3
	06	2	0.6	3.4
	12	2	0.6	3.3
	18	2	0.7	3.8
15	00	2	0.6	3.7
	03	...	Earthquake	
	06	2	0.6	3.2
	12	2	0.6	3.5
	18	2	0.6	3.5
16	00	2	0.7	3.9
	03	2	0.8	4.3
		2	0.4	2.7
	06	2	0.9	4.6
		2	0.5	3.0
	12	2	0.9	4.6
		2	0.4	3.0
	18	2	0.9	4.6
		2	0.4	3.0

Station: MADRAS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
17	00	2	0.9	4.6
		2	0.3	2.6
	03	2	0.8	4.7
		2	0.3	2.6
	06	2	0.8	4.7
		2	0.4	2.5
	12	2	0.8	4.6
		2	0.4	2.8
	18	2	0.7	4.7
		3	0.2	1.5
18	00	2	0.7	4.5
		3	0.3	2.0
	03	2	0.8	4.6
		2	0.5	3.0
	06	2	0.8	4.5
		2	0.5	3.1
	12	2	0.9	4.7
		2	0.5	3.0
	18	2	0.9	4.7
		2	0.5	2.9
19	00	2	0.9	4.7
		2	0.5	3.0
	03	2	1.0	4.7
		2	0.7	3.0
	06	2	1.1	4.6
		2	0.7	3.1
	12	1	1.1	4.8
	18	1	1.2	4.9
	21	1	1.2	4.9
20	00	1	1.2	4.9
	03	1	1.3	5.1
	06	1	1.3	5.1
	09	1	1.4	5.1
	12	1	1.3	5.1
	15	1	1.3	5.0
	18	1	1.3	5.1
	21	1	1.4	5.1
21	00	1	1.4	5.1
	03	1	1.4	5.1
	06	1	1.3	5.1
	09	1	1.3	5.1
	12	1	1.3	5.1
	15	1	1.1	5.0
	18	1	1.1	5.0
		3	0.3	1.9
22	00	1	1.3	5.0
	03	1	1.1	4.9
	06	1	1.1	5.0
	12	1	1.1	5.0
	18	1	1.1	5.0
23	00	1	1.0	5.0
	03	1	1.0	5.0
	06	1	0.9	5.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
MADRAS				
23	12	1	0.9	5.0
	18	1	0.9	5.0
24	00	1	0.9	5.0
	03	2	0.9	5.0
		3	0.2	1.8
	06	2	0.9	5.0
		3	0.2	1.6
	12	2	0.9	5.0
	18	2	0.7	5.0
25	00	2	0.7	4.9
		3	0.2	2.0
	03	2	0.8	5.0
	06	2	0.7	5.0
		3	0.2	2.0
	12	2	0.7	5.0
		3	0.2	2.2
	18	2	0.6	5.0
		3	0.3	2.5
26	00	2	0.7	5.0
	03	2	0.7	5.0
	06	2	0.7	5.0
		3	0.2	2.1
	12	2	0.7	4.9
		2	0.4	2.7
	18	2	0.7	5.0
27	00	2	0.7	5.0
		2	0.3	3.0
	03	2	0.9	4.8
		2	0.3	2.8
	06	2	0.8	4.7
	12	...	Earthquake	
	18	2	0.9	4.9
28	00	2	1.0	4.9
	03	2	1.1	4.9
	06	2	1.0	5.0
	12	1	1.2	5.5
	15	1	1.3	5.2
	18	1	1.3	5.2
	21	1	1.3	5.3
29	00	1	1.3	5.4
	03	1	1.4	5.5
	06	1	1.5	5.7
	09	1	1,4	5.8
	12	1	1,6	5.4
	15	1	1.6	5.5
	18	1	1.6	5.5
	21	1	1.7	5.6
30	00	1	1.8	5.5
	03	1	1.8	5.5
	06	1	1.8	5.6
	09	1	1.8	5.5
	12	1	1.8	5.7

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
30	15	1	2.0	5.8
	18	1	2.0	5.5
	21	1	1.9	5.7
Station: PORT BLAIR				
01	00	3	1.6	3
	06	3	2.0	3
	12	3	1.6	3
	18	3	2.0	3
02	00	3	2.0	3
	06	3	2.0	3
	12	3	2.0	3
	18	3	1.6	3
			1.6	7
03	00	3	1.6	3
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
			1.2	7
	18	3	1.2	3
			1.2	7
04	00	3	1.2	3
			1.2	7
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
05	00	...	-	-
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
06	00	3	1.2	3
			0.8	7
	06	3	1.2	3
			0.8	7
	12	3	1.2	3
			1.2	7
	18	3	1.2	3
			1.2	7
07	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			1.2	7
	12	3	0.8	3
			1.2	7
	18	3	0.8	3
			1.2	7
08	00	3	0.8	3
			1.2	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
			0.8	7
	18	3	0.8	7

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
09	00	3	0.8	3
			1.2	7
	06	3	1.2	3
			0.8	7
	12	3	1.2	3
			0.8	7
	18	3	1.2	3
			1.2	7
10	00	3	1.2	3
			0.8	7
	06	3	1.2	3
			0.8	7
	12	3	1.2	3
			1.2	7
	18	3	1.2	3
			0.8	7
11	00	3	1.2	3
			0.8	7
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
			1.2	7
	18	3	1.6	3
			1.2	7
12	00	3	1.6	3
			1.2	7
	06	3	1.2	3
			0.8	7
	12	3	1.2	3
			0.8	7
	18	3	1.6	3
			0.8	7
13	00	3	1.6	3
			0.8	7
	06	3	1.6	3
			0.8	7
	12	3	1.6	3
	18	3	2.0	3
14	00	3	2.0	3
			1.2	7
	06	3	2.0	3
			1.2	7
	12	3	2.0	3
			1.2	7
	18	3	2.0	3
			1.2	7
15	00	3	2.8	3
			1.2	7
	06	3	1.6	3
			1.2	7
	12	3	1.6	3
			1.6	7

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
15	18	3	2.0	3
			1.2	7
16	00	3	1.6	3
			1.2	7
	06	3	1.6	3
	12	3	1.6	3
	18	3	1.6	3
17	00	3	2.0	3
	06	3	1.6	3
	12	3	1.6	3
	18	3	2.0	3
18	00	3	2.0	3
	06	3	1.6	3
	12	3	1.6	3
	18	3	1.6	3
19	00	3	1.6	3
	06	3	2.0	3
	12	3	2.4	3
	18	3	2.4	3
20	00	3	2.4	3
	06	3	2.4	3
	12	3	2.0	3
	18	3	1.6	3
21	00	3	1.6	3
	06	3	1.6	3
	12	3	1.6	3
	18	3	1.6	3
22	00	3	1.6	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
23	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
			1.2	7
	18	3	1.2	3
			1.2	7
24	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			2.4	10
	12	3	1.2	3
			2.8	10
	18	3	1.2	3
			2.4	10
25	00	3	1.2	3
			2.4	10
	06	...	-	-
	12	...	-	-
	18	...	-	-

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
26	00	...	-	-
	06	3	1.6	3
			2.4	7
	12	3	1.6	3
			2.4	7
	18	3	1.6	3
			2.0	7
27	00	3	1.6	3
			2.0	7
	06	3	1.6	3
			2.0	7
	12	...	-	-
	18	3	1.6	3
			2.0	7
28	00	3	2.0	3
			2.0	7
	06	3	2.0	3
			2.0	7
	12	3	2.0	3
			2.0	7
	18	3	1.6	3
			1.6	7
29	00	3	1.6	3
			1.6	7
	06	3	1.6	3
			1.6	7
	12	3	1.6	3
			1.6	7
	18	3	1.6	3
			2.0	7
30	00	3	1.6	3
			2.0	7
	06	3	1.6	3
			1.6	7
	12	3	1.6	3
			1.6	7
	18	3	1.6	3
			1.6	7
Station: SHILLONG				
01	00	...	-	-
	06	3	0.3	4.7
	12	3	0.3	4.5
	18	3	0.3	4.4
02	00	3	0.3	4.2
	06	3	0.3	4.2
	12	3	0.3	4.5
	18	3	0.4	4.8
03	00	3	0.4	4.7
	06	3	0.4	4.2
	12	3	0.4	4.4
	18	3	0.4	4.3
04	00	3	0.4	4.5
	06	3	0.3	4.4
	12	3	0.2	4.0
	18	3	0.2	4.3
05	00	3	0.2	4.2
	06	3	0.2	4.2
	12	...	-	-
	18	...	-	-
06	00	0,0	-	-
	06	3	0.2	4.1
	12	3	0.2	4.1
	18	3	0.2	4.0
07	00	0,0	-	-
	06	0,0	-	-
	12	...	-	-
	18	3	0.2	3.8
08	00	3	0.3	4.0
	06	0,0	-	-
	12	3	0.3	4.0
	18	3	0.2	4.0
09	00	3	0.3	4.4
	06	3	0.4	4.4
	12	3	0.3	4.0
	18	3	0.3	4.1
10	00	3	0.4	4.5
	06	3	0.5	4.5
	12	3	0.4	4.5
	18	3	0.5	4.5
11	00	3	0.4	4.7
	06	3	0.4	4.7
	12	3	0.5	4.7
	18	3	0.4	4.5
12	00	3	0.4	4.5
	06	...	-	-
	12	...	-	-
	18	...	-	-
13	00	...	-	-
	06	3	0.3	4.5
	12	3	0.2	3.5
	18	0,0	-	-
14	00	3	0.3	4.4
	06	...	-	-
	12	...	-	-
	18	...	-	-
15	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	...	-	-

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec	D
Station: SHILLONG					
16	00	...	-	-	
	06	...	-	-	
	12	3	0.4	4.5	
	18	3	0.5	4.8	
17	00	3	0.4	4.0	
	06	3	0.4	4.3	
	12	3	0.4	4.5	
	18	3	0.4	4.5	
18	00	3	0.4	4.3	
	06	3	0.4	4.5	
	12	3	0.4	4.3	
	18	...	-	-	
19	00	3	0.3	4.3	
	06	3	0.3	4.5	
	12	3	0.4	4.7	
	18	3	0.4	4.8	
20	00	3	0.4	4.8	
	06	3	0.3	4.6	
	12	3	0.3	4.6	
	18	3	0.3	4.5	
21	00	3	0.3	4.5	
	06	3	0.3	4.6	
	12	3	0.3	4.6	
	18	3	0.2	3.8	
22	00	3	0.3	4.7	
	06	3	0.2	3.8	
	12	3	0.2	4.0	
	18	3	0.2	3.8	
23	00	3	0.2	4.0	
	06	0,0	-	-	
	12	3	0.2	3.8	
	18	3	0.2	4.0	
24	00	3	0.2	4.0	
	06	3	0.3	4.3	
	12	3	0.3	4.3	
	18	3	0.2	4.0	
25	00	3	0.2	3.8	
	06	0,0	-	-	
	12	3	0.2	3.8	
	18	3	0.3	4.4	
26	00	3	0.3	4.2	
	06	3	0.3	4.0	
	12	3	0.3	4.2	
	18	3	0.4	4.4	
27	00	3	0.4	4.2	
	06	...	-	-	
	12	...	-	-	
	18	3	0.3	4.2	
28	00	3	0.3	4.4	
	06	3	0.3	4.0	
	12	3	0.4	4.2	
	18	3	0.4	4.4	
29	00	3	0.3	4.0	
	06	3	0.3	4.0	
	12	3	0.3	4.0	
	18	3	0.3	4.0	
30	00	3	0.2	3.8	
	06	...	-	-	
	12	3	0.3	4.0	
	18	3	0.3	4.0	
Station: VISAKHAPATNAM					
01	00				
	06	2	0.5	3.1	
	12	2	0.6	3.1	
	18	2	0.7	3.2	
02	00	2	0.6	3.1	
	06	2	0.8	3.7	
	12	2	0.6	3.4	
	18	2	0.7	3.8	
03	00	A 0,0		-	
	06	B 1	0.9	3.6	
	12	1	1.5	3.6	
	18	1	1.8	3.2	
04	00	1	2.2	3.0	
	06	1	2.1	3.1	
	12	1	1.6	3.0	
	18	1	1.1	3.1	
05	00	1	0.7	3.0	
	06	2	0.5	2.9	
	12	2	0.4	3.2	
	18	2	0.4	3.1	
06	00	2	0.4	3.1	
	06	2	0.5	3.0	
	12	2	0.4	3.0	
	18	2	0.3	3.2	
07	00	2	0.3	3.1	
	06	2	0.4	2.9	
	12	2	0.4	2.8	
	18	2	0.3	2.9	
08	00	2	0.3	3.0	
	06	2	0.5	3.2	
	12	2	0.5	3.3	
	18	2	0.4	3.1	
09	00	2	0.4	2.9	
	06	2	0.5	3.5	
	12	2	0.5	3.4	
	18	2	0.6	3.6	

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: VISAKHAPATNAM				
10	00	2	0.5	3.6
	06	2	0.6	3.9
	12	2	0.6	3.8
	18	2	0.6	3.7
11	00	2	0.6	3.5
	06	2	0.7	4.1
	12	2	0.6	4.0
	18	2	0.7	3.9
12	00	2	0.6	3.8
	06	2	0.7	3.7
	12	2	0.5	3.3
	18	2	0.6	3.5
13	00	2	0.5	3.6
	06	2	0.8	3.9
	12	C 1	0.8	2.9
	18	2	0.5	3.1
14	00	2	0.5	3.3
	06	2	0.6	3.9
	12	2	0.7	3.7
	18	2	0.6	3.6
15	00	00	-	-
	06	2	0.6	3.1
	12	2	0.8	3.5
	18	2	0.7	3.6
16	00	2	0.6	3.8
	06	2	0.7	3.7
	12	D00	-	-
	18	2	0.6	3.6
17	00	2	0.5	3.9
	06	2	0.7	3.9
	12	2	0.7	3.8
	18	2	0.6	3.9
18	00	2	0.7	3.9
	06	2	0.8	4.0
	12	2	0.9	4.1
	18	2	0.8	4.1
19	00	2	0.9	4.2
	06	2	1.1	4.3
	12	2	1.1	4.2
	18	2	1.1	4.3
20	00	2	0.9	4.1
	06	2	0.9	4.2
	12	2	0.9	4.1
	18	2	0.9	4.1
21	00	2	0.8	3.9
	06	2	0.6	3.1
	12	2	0.6	3.0
	18	2	0.7	3.2
22	00	2	0.8	3.6
	06	2	0.7	3.9
	12	2	0.6	3.6
	18	2	0.6	3.5
23	00	2	0.6	3.5
	06	2	0.5	3.2
	12	2	0.6	3.4
	18	2	0.5	3.4
24	00	2	0.5	3.3
	06	2	0.5	3.4
	12	2	0.6	3.5
	18	2	0.6	3.5
25	00	2	0.5	3.2
	06	2	0.6	3.3
	12	2	0.5	3.4
	18	2	0.6	3.4
26	00	2	0.5	3.3
	06	2	0.7	3.4
	12	2	0.6	3.5
	18	2	0.7	3.6
27	00	2	0.6	3.7
	06	2	0.6	3.5
	12	0,0	-	-
	18	2	0.7	3.6
28	00	2	0.7	3.8
	06	2	0.8	3.9
	12	2	0.9	4.1
	18	2	0.8	4.0
29	00	2	0.8	3.9
	06	2	1.1	4.2
	12	2	1.2	4.3
	18	2	1.2	5.3
30	00	2	1.2	4.7
	06	2	1.1	5.1
	12	2	1.2	5.2
	18	2	1.2	5.3

A = Shock in progress.
B = Storm Microseism in progress.
C = Local disturbance
D = Power failure

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SEISMOLOGICAL BULLETIN

JUL 1966

GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

PUBLISHED UNDER THE DIRECTION OF
SHRI C. RAMASWAMY
DIRECTOR GENERAL OF OBSERVATORIES

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List of Seismograph Stations with their Instruments and Constants

Station and abbreviation	Latitude ° ' N	Longitude ° ' E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs To	Period in secs Tg	Vmax	Damping h_1	Cons-tant h_2	Paper speed mm/min.
Bhakra BHK	31.25	76.25			Press-Ewing	Z	14.8	98	1500		1	30
					Electromagnetic (U)	Z	1	1	5600	1	1	20
						N	1.01	1.17	5500	1	1	20
						E	1.02	1.15	5600	1	1	20
Bokaro BOK	23.47	85.53		Rock	Press-Ewing	Z	15	100			1	15
						N	15	100			1	15
						E	15	100			1	15
					Sprengnether	E	7.3	7.3	5000		1	30
					Wood-Anderson	N	0.8	0.8	940	1		30
						E	0.8	0.8	950	1		30
Bombay BOM	18.54	72.49		Deccan Trap	Milne Shaw	N	12	12	250	0.7		8
						E	12	12	250	0.7		8
					Sprengnether	E	7.3		5000		1	30
					Benioff	Z					1	30 for LP Galvanometer 60 for SP
Calcutta CAL	22.32	88.20	7 Milne-Shaw 6 Omori-Ewing	Alluvium	Milne-Shaw	E	12		250	0.7		8
					Omori-Ewing	E	19		30			25.4
						N	15		32			25.4
Chitra CHA	26.50	87.10	151	Sand stone	Sprengnether	N	7.0	7.0	1000		1	30
					Benioff	Z	0.72	0.85				60
					Wood-Anderson	N	0.8		1000	1		30
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		15
						E	12		250	1		15
				Wanner Accelerograph		ZNE	0.1		50	0.6		600
Delhi NDI	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.6	7.6	5000		1	30
					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.75	50K for		1	60
						N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.77	50K sec.		1	60
					Sprengnether (LP)	Z	15	100	1500 for		1	15
						N	15	100	1500 TE=15		1	15
						E	15	100	1500 sec		1	15
Dehra Dun DDI	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3			1	60
					Wood-Anderson	N	0.8		970	1		30
						Z	0.8		1000	1		30
					Milne-Shaw	N	12		280	0.7		8
					Sprengnether	Z	15	100	1500 for 1k=15 sec	1	1	30
Goa GOA	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5			1	30
						E	7.4	7.4	5000		1	30
						N	7.5	7.5	5000		1	30
Hyderabad HYB	17.25	78.27	536	Granite	Milne-Shaw	E	12		243.5	0.7		8
						N	12		250.2	0.7		8
Kodaikanal KOD	10.14	77.28	2345	Rock	Benioff (SP)	Z	1.0	0.75	100K for		1	60
						N	1.0	0.75	100K TE=1		1	60
						E	1.0	0.75	100K secs		1	60
					Sprengnether (LP)	Z	15	100	1500 for		1	30
						N	15	100	1500 TE=15		1	30
						E	15	100	1500 secs		1	30
					Milne-Shaw	N	12		250	0.7		8
Madras MDR	13.00	80.11	15		Sprengnether	Z	7.5	7.5			1	30
Poona POO	18.32	73.51	560	Deccan Trap	Benioff (SP)	Z	1.0	0.75	50K for		1	60
						N	1.0	0.75	50K TE=1		1	60
						E	1.0	0.75	50K secs		1	60
					Sprengnether (LP)	Z	15	100	3000 for		1	15
						N	15	100	3000 TE=15		1	15
						E	15	100	1500 secs		1	15
Port Blair PBA	11.40	92.43			Milne-Shaw	Z	12		250	0.7		30
					Wood-Anderson	N	2.0		890	0.7		30
						E	0.8		810			30
Sehore SEH	23.10	77.05			Benioff	Z	1.0	1.6		0.8	1	
					Wood-Anderson	N	0.8		850	1		30
						E	0.8		950	1		30
Shillong SHL	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff (SP)	Z	1	0.75	200K for		1	60
						N	1	0.75	200K TE=1		1	60
						E	1	0.75	200K sec		1	60
					Press-Ewing (LP)	Z	15	100	3000 for		1	30
						N	15	100	3000 TE=15		1	30
						E	15	100	3000 secs		1	30
					Sprengnether	E	6.7	6.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
				Wanner Accelerograph		Z,N,E	0.1		Nearly 50	0.6		600
	25.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1		60
Visakha-patnam VIS	17.43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
					Wood-Anderson	E	2.0		950	1		30
						N	0.8		950	1		30
				Electromagnetic(S.P.)		Z	1.55	1.65	6000	1	1	60

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
01	Epc: 24.8°N, 122.5°E, H = 05h 50m 39.2s, depth 117 Kms. Mag. 6.4(CGS).						
	SHL	iP	05	56	19	CW	27.0
		pP		56	42		
		iS	06	00	47		
	PBA	eP	05	56	52		31.0
		PP		57	56		
		PPP		58	03		
		eS	06	01	46		
		SSS		03	47		
	CHA	iP	05	56	57	CW	32.1
		i		57	22		
		iS	06	01	59		
		i		02	47		
		LQ		03	27		
		ScS		07	16		
	VIS	iP	05	57	49	C	36.1
		i		58	14		
		PP		59	10		
		iPPP		59	36		
		PcP	06	00	10		
		iS		03	29		
		iSS		05	50		
		iSSS		06	14		
		i		06	20		
		ScS		07	54		
	DDI	iP	05	58	01	NR	39.5
		iS	06	03	53		
	NDI	iP	05	58	08	CSW	40.7
		pP		58	33		
		PP		59	47		
		PPP	06	00	21		
		i		03	48		
		i		03	59		
		iS		04	08		
		i		04	48		
		S		04	58		
		SS		06	41		
		LQ		07	05		
		i		07	12		
		i		08	00		
	BHK	iP	05	58	14	CSW	41.0
		i		58	33		
		iS		04	16		
		PS		04	26		
		i		04	55		
		SSS		07	27		
		LR		09	03		
		i		10	40		
	SEH	iP	05	58	19	NE	41.7
		i		58	44		
		i	06	00	16		
		iS		04	25		
	MDR	eP	05	58	21		41.5
		pP		58	42		
01 Contd.	MDR	PP	06	00	06		
		PcP		00	21		
		PPP		00	37		
		iS		04	26		
		sS		05	17		
		LQ		07	56		
		ScS		08	29		
	KOD	iP	05	58	48	CW	45.8
		PcP	06	00	29		
		PP		00	33		
		PPP		01	11		
		PcP		04	16		
		iS		05	21		
		PS		05	25		
		PPS		05	35		
		SS		08	29		
		ScS		08	34		
		LQ		09	14		
		SSS		09	29		
	POO	iP	05	58	49	C	45.1
		eS	06	05	18		
	BOM	iP	05	58	55	CW	46.2
		i		59	19		
		i		59	21		
		PcP	06	00	25		
		PP		00	46		
		i		01	07 36		
		iS		05	30		
		PPS		06	16		
		i		09	11		
	GOA	iP	05	58	56		
01	NDI	i	06	53	53		
01	NDI	ePn	08	06	01		3.55
		iPg		06	17		
		iSn		06	44.3		
		iSg		06	45.8		
01	NDI	i	08	16	39		
01	NDI	ePn	08	30	01		3.15
		iPg		30	12.5		
		iSn		30	40		
		i		30	41		
		iSg		30	57.1		
01	NDI	ePn	09	53	13		3.15
		iPg		53	24.4		
		iSn		53	52		
	DDI	eP	14	12	38		
01	NDI	ePn	15	12	46		2.9
		eSn		13	22		
01	POO	eP	15	18	24		
01	NDI	eP	17	31	27		
01	DDI	eP	18	32	14		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
01	NDI	ePn	15	12	46		2.9
		eSn		13	22		
01	POO	eP	15	18	24		
01	NDI	eP	17	31	27		
01	DDI	eP	18	32	14		
	NDI	ePn	18	32	32		
01	NDI	e	18	41	38		
01	DDI	iP	19	16	34		
	NDI	eP	19	16	45		
01	NDI	eP	22	08	22		
		i		08	49		
01	NDI	e	22	13	06		
01	SHL	eP	22	45	12		
02	DDI	eP	01	03	34		
02	NDI	i	04	18	45		
02	NDI	eP	05	01	03		
02	NDI	eP	05	46	27		
		i		46	55		
02	BOK	e	08	06	41		
02	NDI	i	10	58	13		
02	NDI	iP	11	30	46.7	R	
02	SHL	eP	12	16	25		
02	NDI	i	14	54	39		
02	NDI	eP	18	45	13		
02	NDI	i	18	52	41		
02	SHL	iPg	22	14	34	CSE	0.7
		Sg		14	43		
02	SHL	iP	22	56	00		
02	CHA	iP	22	56	34	D	
02	KOD	iP	22	56	37	DNE	
	POO	iP	22	57	19	D	
	NDI	iP	22	57	28	DSE	
	DDI	iP	22	57	31	C	
02	NDI	eP	23	04	42		
02	NDI	ePg	23	07	02	DNW	0.4
		iSg		07	07		
03	NDI	eP	01	03	02		
03	SHL	iP	04	06	48	C	
03	DDI	eP	04	07	09		
03	NDI	iP	04	07	18		
03	SHL	eP	04	12	02		
03	NDI	eP	04	32	51		
		i		33	30		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
03	DDI	eP -	07	04	54		
	NDI	eP	07	05	08		
		i		05	45		
03	NDI	eP	07	52	52		
	DDI	e	07	53	57		
	POO	eP	07	57	32		
03	Epc: 36.2°N, 71.1°E in Hindukush. H= 12h 47m 08.0s, depth 229 Kms Mag. 4.6 (CGS).						
	DDI	iP	12	49	05	C	
	NDI	iP	12	49	15	CSE	8.4
		iS		50	51		
	BHK	iS	12	49	54	SE	
		e		52	04		
	POO	eP	12	51	04		
	SHL	eP	12	51	32		
03	SHL	eP	13	16	02		
03	NDI	eP	18	01	48		
03	DDI	eP	18	56	20		
	NDI	iPn	18	56	37.2	CSE	2.1
		iSn		57	04		
03	TOC	ePn	21	48	04.7		1.8
		iSn		48	28.2		
		Sg		48	29.7		
	SHL	iPn	21	48	15	CW	2.9
		iSn		48	51		
03	SHL	iPg	23	21	20	DSW	0.4
		iSg		21	25		
04	SHL	iP	03	06	28	CSW	
	NDI	iP	03	07	06	CSW	
04	POO	iP	03	08	01	C	
04	POO	eP	03	59	44		
	NDI	i	04	07	43		
04	NDI	i	05	19	59		
04	DDI	eP	08	47	52		
	NDI	ePn	08	47	58		
04	NDI	iPn	09	12	01.5	CS	3.1
		iPg		12	11		
		iSn		12	40		
		iSg		12	58.5		
04	POO	eP	09	14	08		
04	SHL	eP	12	05	38		
04	DDI	iP	12	27	42	C	
04	NDI	iP	12	27	45	C	
04	NDI	eP	14	25	35		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
044	NDI	eP	15	10	37		
04	NDI	i	15	12	25		
04	POO	eP	15	15	37		
04	NDI	ePn	15	15	40		4.7
		eSn		16	35		
04	KOD	ePn	15	19	10		6.8
		iSn		20	28		
04	SHL	iP	15	45	46	C	
04	Epc: 51.7°N, 179.9°E, Rat Islands, felt ADAK, H = 18h 33m 35.7s, depth 13 Kms. Mag. 6¾-7(Pas),6-6.5 (Brk). 6.2 (CGS).						
	SHL	iP	18	44	42	CSW	68.8
		iS		53	46		
	CHA	iP	18	44	57	CS	70.6
		i		45	51		
		iS		54	11		
		PS		54	54		
		PPS		55	14		
	DDI	iP	18	45	10	DN	72.6
		PP		47	52		
		PPP		49	30		
		iS		54	35		
		PPS		55	11		
		eSS		59	29		
		SSS	19	02	15		
		[illegible]		03	52		
	BHK	[illegible]	18	45	11	D	72.3
		[illegible]		45	26		
		PP		45	59		
		PPP		49	36		
		i		51	34		
		[illegible]		54	34		
		PPS	18	55	19		
		SS		59	21		
		i	19	01	39		
		SSS		02	20		
	BOK	eP	18	45	13		73.6
		iS		54	44		
		SKS		54	54		
	NDI	eP	18	45	19	NE	74.5
		PcP		45	31		
		PP		48	09		
		PPP		49	57		
		eS		54	55		
		e		55	05		
		e		56	17		
		e		57	23		
		SS		59	57		
		SSS	19	02	51		
		e		04	27		
04	CAL	iP	18	45	24	NE	74.2
		PP		48	15		
		PPP		49	51		
		iS		54	57		
	PBA	eP	18	45	50		78.2
		i		47	32		
		i		49	15		
		eS		55	45		
		[illegible]		56	10		
		SS	19	00	40		
		SSS		04	00		
		LQ		06	32		
	SEH	eP	18	45	53		80.[illegible]
		eeS		55	58		
	VIS	iP	18	45	53		80.4
		iPP		48	58		
		ePPP		50	40		
		iS		55	59		
		PS		56	44		
		PS		56	44		
		SS	19	01	13		
	MDR	eP	18	46	20		85.2
		PP		49	36		
		i		56	30		
		iS		56	50		
		PS		58	04		
	POO	iP	18	46	13	D	84.8
		iS		56	41		
		i		57	54		
	BOM	eP	18	46	18		
		PcP		46	22		
		PPP		51	31		
		SKS		56	40		
		iS		56	46		
		i		56	52		
		PPS	18	58	05		
	KOD	iP	18	46	36.5	DNE	89.6
		PP		49	54.5		
		PPP		51	44.7		
		i		57	17		
		iS		57	33.5		
04	SHL	iP	19	01	26	D	
04	POO	e	19	11	47		
04	POO	eP	21	14	37		
05	Epc: 52.2°N, 178.4°W, H=02h 21m 45.8s, depth 66 Kms. Mag. 4.9 (CGS).						
	CHA	iP	02	33	00	C	
	DDI	iP	02	33	17	D	
	NDI	iP	02	33	25.6	CS	
	POO	eP	02	34	10		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
05 Contd.	POO	e	02	44	20		
		e		48	37		
	BOM	e	03	05	--		
05	SHL	iPn	03	25	16	D	1.4
		iSg		25	35		
05	NDI	iP	05	21	22.6	R	
05	SHL	iP	09	33	45	DE	
		i		33	53	DE	
05	NDI	iPg	09	41	55.7	SR	0.35
		iSg		42	01		
05	Epc: 28.1°N, 93.4°E, H= 10h 01m 10s (NewDelhi).						
	TOC	ePn	10	01	45.5		1.6
		Pg		01	48		
		iSn		02	07		
		Sg		02	10		
	SHL	iP	10	01	55	DNE	2.6
		iS		02	28		
	CHA	eP	10	02	37		
	DDI	eP	10	04	22		
	NDI	iP	10	04	28.8	DE	12.9
		iS		06	55		
	CAL	e	10	05	04		
	POO	eP	10	09	52		
05	SHL	eP	10	47	21		
05	DDI	eP	20	41	22		
05	NDI	eP	20	41	36		
05	SHL	eP	20	42	43		
05	CHA	eP	20	53	22		
05	NDI	i	22	57	08		
06	NDI	eP	00	10	12		
	DDI	eP	00	10	13		
06	NDI	eP	00	25	48	D	
	DDI	iP	00	25	50	D	
	POO	eP	00	25	54		
06	NDI	e	08	02	02		
06	SHL	eP	08	21	00		
06	POO	eP	11	16	02		
06	DDI	eP	11	44	19		
	NDI	i	11	44	33		
06	Epc: 39.0°N, 71.2°E, H = 11h 57m 23.5s, depth 19 Kms. Mag. 4.8 (CGS).						
	DDI	iP	11	59	53	D	

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
06	NDI	eP	12	00	08		10.9
		eS		02	12		
	POO	eP	12	02	04		
	BHK	i	12	02	10		
	SHL	eP	12	02	17		
06	NDI	e	13	22	46		
06	Epc: 43.9°N, 83.2°E, H= 13h 59m 14.8s. depth 33 Kms. Mag. 4.8 (CGS).						
	DDI	iP	14	02	33		
		eS		05	07	C	13.7
	NDI	iP	14	02	56	DNW	15.4
		eS		05	48		
	CHA	iP	14	03	18		
	SHL	eP	14	03	44		
	POO	eP	14	04	56		
	BHK	i	14	07	04		
06	CHA	eP	19	06	41.4		2.3
		Pg		06	47		
		Sn		07	12		
		Sg		07	20.5		
	SHL	iP	19	06	43	D	2.1
		iS		07	10		
06	Epc: 25.8°N, 128.0°E, H = 20h 21m 43.5s, depth 23 Kms. Mag. 5.3 (CGS).						
	SHL	iP	20	28	15	DE	
	CHA	iP	20	28	52	D	
	DDI	iP	20	29	51.6	C	
	NDI	eP	20	29	59		
	KOD	iP	20	30	41.8	CW	
06	NDI	eP	20	36	35	R	
07	POO	iP	09	57	28	R	
07	DDI	eP	11	09	25.9		
		i		09	45.8		
07	NDI	iPg	11	24	05.1	CSE	0.2
		iSg		24	07.7		
07	POO	eP	11	29	28		
07	NDI	eP	12	07	00		
07	SHL	eP	13	50	36		
07	NDI	i	18	16	27		
07	DDI	eP	19	02	34.4		
07	NDI	eP	19	02	47		8.6
		iS		04	25		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ km
07	SHL	iP	19	05	09	DW	
07	POO	eP	19	08	14		
07	CHA	iPg	19	55	27.4	C	0.8
		iSg		55	37.7		
07	NDI	i	20	04	28		
07	POO	eP	20	24	53		
07	PBA	ePn	21	04	55.4		0.5
		iSg		05	02.4		
	NDI	i	21	29	05		
08	SHL	eP	01	46	35		
	KOD	iP	01	47	22	CNE	
	POO	eP	01	47	57		
08	NDI	eP	02	07	20		
08	NDI	e	02	59	04		
		i	02	59	16		
08	NDI	eP	03	55	27		
		e		59	09		
	POO	eP	03	55	31		
	POO	eP	04	11	28		
	SHL	eP	04	11	32		
08	SHL	iPg	05	52	32	DNW	0.8
		iSg		52	43		
08	CHA	iP	05	53	28		4.5
		iS		54	22		
08	PBA	eP	07	19	54		
		i		20	35		
		i		20	50		
	MDR	e	07	22	15		
	KOD	iP	07	22	43	CNE	
	SHL	iP	07	23	52	D	
	CHA	iP	07	23	22	C	
	POO	eP	07	23	50		
	NDI	eP	07	24	20		
08	NDI	e	07	38	31		
	POO	eP	07	40	48		
08	NDI	iP	09	38	07.	C	8.9
		iS		39	49		
08	CHA	iPg	14	22	01	C	1.6
		iSg		22	21.2		
	NDI	i	14	24	52		
08	SHL	ePn	17	31	40	N	1.9
		eSn		32	05		
08	SHL	ePn	21	17	03		1.3
		Sg		17	20		

DATE	STN	PHASE	H.	M.	S.		∠ km
09	CHA	eP	00	28	41.7		1.8
		iS		29	05.8		
09	POO	eP	02	05	07		
09	BOK	e	06	25	10		
		i		25	35		
	CHA	eP	06	25	21.4		2.2
		iS		25	47.6		
	SHL	eP	06	25	41		
09	CAL	i	06	26	05		
09	NDI	iP	06	28	54		
09	POO	eP	06	30	52		
09	CHA	iPg	07	07	22.6	C	0.8
		iSg		07	33.7		
09	BOK	e	08	24	04		
09	CHA	iPg	18	41	26.3	C	
09	CHA	iPg	18	41	26.3		
09	CHA	iP	18	50	24.4	C	
09	CHA	iPg	19	03	36.4		
		i		03	56.9	C	
09	CHA	iPg	19	18	45	C	
09	SHL	iP	19	26	22	D	
	POO	eP	19	28	20		
09	SHL	eP	19	42	21		
10	NDI	e	02	14	51		
		i		15	19		
10	NDI	i	03	57	14		
10	NDI	eP	10	03	57		
		i		04	28		
10	NDI	e	10	19	17		
10	SEH	e	10	54	18		
10	Epc: 24.2°N, 125.2°E, h = 16h 12m 41.5s, depth 28 Kms. Mag. 5.9 (CGS)., 4.5-4.9 (Brk).						
	SHL	iP	16	18	52	CSW	30.0
		PPP		20	04		
		iS		23	50		
		i		24	00		
	PBA	eP	16	19	22		
		i		24	59		
	CAL	iP	16	19	28	S	35.1
		eS		25	01		
	CHA	iP	16	19	29	CW	34.7
		S		24	59		
	BOK	iP	16	19	42	CSW	35.4
		iS		25	17		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
10 Cont.	BOK	PeS	16	25	49		
		SS		27	42		
		LQ		27	53		
		SSS		28	07		
	VIS	iP	16	20	13	CW	40.4
		iPP		21	50		
		ePPP		22	21		
		iS		26	22		
		eSS		29	43		
	DDI	iP	16	20	35	R	42.0
		PP		22	17		
		PPP		22	53		
		iS		26	55		
	BHK	iP	16	20	38	C	42.1
		PP		22	17		
		PPP		22	53		
		S		26	58		
		i		28	48		
		SS		30	00		
		LQ		30	39		
		i		31	55		
	NDI	iP	16	20	39		43.9
		i		20	48		
		PP		22	31		
		e		26	51		
		iS		27	11		
		PPS		27	33		
		SS		30	29		
	MDR	iP	16	20	48		45.3
		PP		22	33		
		PPP		23	15		
		iS		27	29		
		SS		30	47		
	SEH	eP	16	20	50		
		e		22	35		
	KOD	iP	16	21	17.5	CNW	48.1
		PP		23	09		
		PPP		24	04		
		PcS		26	22		
		PS		28	24		
		PPS		28	32		
		SS		31	42		
		LQ		32	57		
		SSS		33	05		
	POO	iP	16	21	20	CW	48.0
		PP		23	11		
		eS		28	10		
10	NDI	eP	18	03	50		
10	NDI	eP	18	03	53		
10	SHL	iP	18	04	17	C	
10	NDI	eP	19	06	05		
10	CHA	iP	22	11	10	D	
	DDI	iP	22	12	17.3	C	
10	NDI	iP	22	12	18.2	CNW	
	KOD	iP	22	12	58.5	DE	
11	SHL	eP	00	13	48		
		e		14	20		
11	NDI	e	03	00	41		
11	NDI	ePn	04	14	55		3.05
		iPg		15	06.1		
		iSn		15	32.7		
11	NDI	iP	05	43	34.4	RW	
	POO	eP	05	44	21		
11	SHL	iP	08	38	55	C	
	CHA	iP	08	39	08.2	D	2.5
		S		39	39.7		
11	BOK	e	09	07	06		
11	BOK	e	09	33	20		
11	BOK	e	09	55	24		
11	BOK	e	09	59	48		
11	BOK	e	10	04	18		
11	SHL	eP	18	32	40		
	CHA	eP	18	33	04		4.5
		S		33	59		
12	NDI	iP	03	04	50.8	CSE	
	POO	eP	03	05	03		
	CHA	iP	03	05	57	C	
	KOD	eP	03	05	59.0		
		i		06	35.5		
	SHL	iP	03	06	21	C	
12	SHL	iP	03	21	05	D	
	CHA	iP	03	22	01	C	
		e		23	25		
12	NDI	iP	07	13	28.7	CN	
12	NDI	i	07	14	46		
12	BOK	e	08	26	07		
12	BOK	e	08	44	53		
12	PBA	ePg	10	02	32.5		1.3
		iSg		02	50		
	KOD	iP	10	05	29	NE	
	SHL	eP	10	05	38		
	POO	eP	10	06	31		
	NDI	iP	10	07	07		
12	DDI	eP	14	06	26		
		i		08	03		
12	NDI	eP	14	06	39		8.5
		i		08	17		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	∠ Deg.		DATE	STN	PHASE	H.	M.	S.	∠ Deg.	
12	SHL	iP	14	08	59		D	13	DDI	eP	14	08	11		
										i		08	45		
12	POO	eP	14	11	52					i		08	54		
12	SHL	iP	17	50	11		C		NDI	ePn	14	08	21		3.0
12	NDI	e	18	59	06					iPg		08	31.3		
12	Epc: 44.6°N, 37.4°E, H = 18h 53m 08.5s, depth 26 Kms. Mag. 5.9 (CGS), 5½ (Pal).									iSn		08	58.2		
									CHA	iP	14	08	56		5.7
	BHK	iP	18	59	16		C			iS		10	02		
		i	19	04	32					iSg		10	42		
		i		06	30				SHL	iP	14	09	52		DW
	DDI	iP	18	59	59		R		BOK	e	14	10	13		
		i	19	01	26					i		11	10		
	NDI	iP	19	00	03		CSE 34.9		POO	eP	14	10	23		
		i		00	15					i		12	39		
		iS		05	33				KOD	iP	14	11	53.5		NC
	POO	iP	19	00	43		CSE 39.5	13	Epc: 0.1°S, 122.8°E, H = 14h 40m 25.6s, depth 126 Kms. Mag. 5.0 (CGS).						
		eS		06	46										
	CHA	iP	19	01	13		C		SHL	iP	14	47	45		CW 40.0
	BOK	e	19	01	17					i		49	24		
	SHL	iP	19	01	41		CSE 46.7			iS		53	40		
		PcP		03	11				CHA	iP	14	48	22		C 44.6
		PP		03	36					S		54	47		
		iS		08	31				MDR	e	14	48	48		
	KOD	iP	19	05	51					e		54	54		
	PBA	e	19	02	56				NDI	eP	14	49	26		52.6
12	NDI	i	20	13	48					eS		56	42		
12	DDI	eP	23	00	53				POO	eP	14	49	40		
	NDI	ePn	23	01	00		3.25	14	NDI	iP	02	09	24.2		C
		iPg		01	12.1			14	NDI	eP	05	58	39		
		iSn		01	40.1			14	SHL	eP	06	26	35		
	CHA	eP	23	01	43		6.0		NDI	iP	06	27	53		NWC
		iS		02	58				POO	eP	06	28	50		
	POO	eP	23	05	13			14	SHL	eP	07	56	25		
13	POO	eP	06	02	50			14	SHL	iP	08	52	07		D
13	BOK	e	08	32	38			14	SHL	eP	10	07	03		
13	BOK	e	09	16	00			14	SHL	iP	18	17	32		CSW
13	SHL	eP	11	46	36			14	KOD	iP	20	11	48.5		NR
13	SHL	iP	12	26	28		3.5		SHL	iP	20	13	28		C
		iS		27	10			15	SHL	ePn	04	19	03		2.8
	CHA	eP	12	27	20		8.0			iSn		19	38		
		eS		28	52			15	SHL	iPg	05	00	24		D 0.9
13	Epc: 29.4°N, 80.3°E, H = 14h 07m 31s (New Delhi).									iSg		00	36		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
15	SHL	eP	06	28	31		
15	BOK	e	08	19	45		
15	NDI	i	09	18	37		
15	BOK	e	10	01	53		
15	PBA	iPg	10	04	39.9	C	0.7
		Sg		04	48.9		
15	SHL	iP	10	40	14	DN	
	NDI	i	10	41	57		
15	SHL	eP	10	45	05		
15	NDI	e	10	51	55		
		i		52	10		
15	SHL	eP	14	56	00		
15	SHL	e	18	06	19	DE	
15	SHL	iP	19	07	18	D	
15	SHL	iP	20	33	41	CE	
	NDI	eP	20	35	26		
15	KOD	iP	23	42	37	CNW	
16	Epc: 0.3°N, 121.5°E, H = 00h 34m 36.9s, depth 181 Kms. Mag. 5.4 (CGS).						
	SHL	iP	00	41	42	C	
	CHA	iP	00	42	19	C	
	POO	eP	00	43	16		
	NDI	eP	00	43	21		
		i		43	23		
16	SHL	iP	07	32	03	CNW	
	NDI	i	07	33	07		
16	BOK	e	08	12	30		
16	BOK	e	08	24	53		
16	SHL	iPg	08	51	30	DNW	1.0
		iSg		51	43		
16	SHL	eP	09	15	35		
	BOK	e	09	25	06		
16	CHA	ePg	10	37	57.6		1.1
		iSg		38	12.3		
	SHL	ePg	10	38	52		
		i		40	02		
	NDI	e	10	41	22		
16	CHA	iPg	11	01	39.2	D	1.6
		iSg		01	51		
	NDI	iPg	12	40	51.4	CSE	.64
		iSg		40	59.6		
16	NDI	e	12	45	10		
16	SHL	eP	14	17	27		
16	SHL	iP	16	40	14	D	
	NDI	e	16	41	57		
16	BHK	i	19	23	12		
16	SHL	iPg	19	39	29	DN	0.8
		eSg		39	40		
16	Epc: 40.7°N, 74.2°E, H = 19h 43m 27.4s, depth 33 Kms. Mag. 4.8 (CGS).						
	DDI	eP	19	46	05		11.0
		eS		48	10		
		i		49	45		
		i		50	10		
	NDI	eP	19	46	21		12.3
		eS		48	40		
	CHA	iP	19	47	35	C	
16	SHL	eP	19	48	07		
	POO	eP	19	48	23		
16	CHA	iPg	19	49	18.2	C	0.6
		iSg		49	25.7		
16	MDR	e	19	58	45		
16	NDI	eP	20	54	50		
16	SHL	eP	22	52	02		
17	Epc: 27.8°N, 87.0°E, H = 00h 11m 39s (New Delhi).						
	CHA	iPg	00	11	55	DN	0.8
		iSg		12	05.6		
	BOK	eP	00	12	56		4.3
		iSg		14	00		
	SHL	eP	00	13	10		
	NDI	eP	00	14	00		
		e		15	40		
	POO	eS	00	18	12		
17	SHL	iP	02	36	57	C	
17	SHL	iP	06	59	19	CW	
17	NDI	iPg	06	59	28.5		0.8
		iSg		59	39		
17	SHL	iP	10	35	55		
17	NDI	i	10	37	24		
17	SHL	ePg	12	20	00		1.3
		eSg		20	18		
17	NDI	i	13	07	23		
17	SHL	iPg	17	27	13		1.2
		eSg		27	29		
		iSn		27	30		
17	NDI	e	19	06	40		
17	SHL	eP	23	16	10		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		∠ Deg.
17	TOC	eP	23	16	21		
18	NDI	eP	00	11	17		2.1
		eSn		11	44		
18	BOM	e	01	59	06		
		e		59	35		
		e	02	03	17		
18	SHL	eP	03	20	00		
18	SHL	eP	04	47	22		
18	BOK	e	08	44	28		
18	Epc: 13.1°N, 57.6°E, H = 09h 59m 10.0s, depth 33 Kms. Mag. 5.1 (CGS).						
	BOM	eP	10	02	54		
		e		06	21		
	POO	iP	10	03	02		
		eSS		06	24		
	MDR	eP	10	04	05		
		e		08	16		
	NDI	iP	10	04	24		25.4
		eS		08	49		
	SHL	iP	10	05	58	D	
18	BOK	e	10	28	39		
18	POO	eP	14	07	43		
18	POO	eP	14	24	07		
18	NDI	iPn	16	26	52.8		2.1
		iSn		27	20		
18	CHA	iP	21	18	34.5	C	
		iS		19	01		
	SHL	eP	21	19	13		
	NDI	iP	22	05	45.1		
19	SHL	eP	00	32	15		
19	SHL	eP	01	01	33		
19	Epc: 56.2°N, 164.9°E, H= 01h 40m 53.9s, depth 18 Kms. Mag. 5.4 (CGS).						
	SHL	eP	01	50	57		
	CHA	iP	01	51	15	E	60.5
		S		59	30		
	DDI	eP	01	51	26		
	BOK	eP	01	51	33		64.0
		iS	02	00	09		
	NDI	eP	01	51	36		64.7
		eS	02	00	16		
		PS		00	26		
		ScS/SKS	01	25			
		e		08	03		

DATE	STN	PHASE	H.	M.	S.		∠ Deg.
19	VIS	iP	01	52	14	D	69.8
		iS	02	01	23		
	PBA	eP	01	52	18		68.5
		eS	02	01	20		
	POO	eP	01	52	40		74.5
		eS	02	02	15		
	BOM	iP	01	52	46	ER	75.0
		eS	02	02	24		
		SKS		02	51		
	KOD	iP	01	53	08	NC	
19	MDR	e	02	23	50		
19	Epc: 36.2°N, 71.4°E, H = 03h 28m 52.6s, depth 138 Kms. Mag. 4.5(CGS).						
	DDI	eP	03	30	47		8.2
		i		32	15		
		iS		32	22		
	NDI	iP	03	31	00	DNW	
		i		32	33		
	CHA	eP	03	32	35		16.2
		eS		35	30		
	SHL	iP	03	33	22	CNE	
	POO	eSS	03	36	22		
19	NDI	iP	07	44	51	C	
19	SHL	iP	12	01	33	DSE	
	NDI	iP	12	02	58.3	DSE	
19	SHL	iP	12	34	18	DE	
	CHA	iP	12	35	20	C	7.4
		S		36	45		
19	KOD	iPn	13	43	26.5		2.7
		iSn		44	00.3		
19	POO	eP	13	46	10		
19	SHL	eP	15	02	38		
19	SHL	iP	15	17	19	C	
19	NDI	e	16	33	10		
19	SHL	iP	18	53	56	C	
19	TOC	i	19	31	50		
	SHL	iP	19	32	00	CSW	
	CHA	iP	19	32	14	C	
	DDI	iP	19	32	26	D	
	NDI	iP	19	32	33	CNE	
	POO	eP	19	33	24		
19	BOK	e	19	42	20		
19	SHL	iP	21	30	08	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
20	NDI	iP	07	28	02	C	
20	SHL	eP	08	09	41		
20	NDI	eP	10	24	34		
20	NDI	iPg	11	25	09.2	CNE	0.2
		iSg		25	11.8		
20	SHL	eP	13	43	05		
20	SHL	iP	20	06	18	CNW	
	TOC	iP	20	06	41	W	
	CHA	iP	20	07	18	D	6.5
		S		08	33		
20	SHL	iP	20	59	45	C	
20	SHL	iP	22	07	37		
21	DDI	eP	01	04	02		
		i		05	43		
	NDI	eP	01	04	14		8.7
		eS		05	54		
21	Epc: 49.7°N, 77.9°E, H = 03h 57m 57.8s, depth 0 Km. Mag. 5.6(CGS).						
	DDI	iP	04	02	20		
	NDI	iP	04	02	44	CSE	
		i		09	44		
		i		10	39		
		i		12	33		
	CHA	iP	04	03	16	C	
	SHL	iP	04	03	36	CS	
	POO	eP	04	04	21		
	KOD	iP	04	05	31	CSE	
21	NDI	i	04	38	24		
21	CHA	eP	04	52	51.6		
21	SHL	eP	05	10	56	D	
21	SHL	iP	09	14	06	CS	
21	SHL	eP	10	14	16		
	POO	eP	10	15	38		
21	BOK	e	13	07	39		
21	SHL	iP	13	35	11	C	
21	SHL	iP	18	42	46	D	
		i		45	50		
21	POO	eP	18	48	19		
21	NDI	e	18	53	25		
		e		54	26		
22	Epc: 42.8°N, 84.5°E, H = 03h 39m 59.7s, depth 33 Kms. Mag. 5.2 (CGS)						

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
22	BHK	eP	03	43	06		12.4
		eS		45	26		
	DDI	iP	03	43	11	C	
		i		45	19		
	NDI	iP	03	43	33	D	45.4
		eS		50	13		
	CHA	iP	03	43	45		
	SHL	iP	03	44	11	C	
	BOK	e	03	44	21		
	BOM	eP	03	45	31		
		e		54	28		
		e		56	41		
	POO	iP	03	45	32		25.4
		eS		49	56		
	KOD	iP	03	46	36.5	CS	
22	SHL	iPn	05	07	37	DNE	2.2
		iSn		08	05		
22	NDI	eP	06	34	58		
22	SHL	iP	06	37	23	C	
22	SHL	iP	07	54	18	D	
22	SHL	iP	08	38	10	D	
	CHA	iP	08	38	33	C	
	NDI	iP	08	39	10.8	D	
22	Epc: 51.7°N, 173.5°W, H = 10h 17m 22.5s, depth 56 Kms. Mag. 5.6 (CGS).						
	SHL	iP	10	28	48	CSW	73.0
		PcP		29	06		
		iS		38	15		
		i		38	31		
		PS		38	44		
		i		39	09		
	CHA	iP	10	29	00	C	
	DDI	iP	10	29	12	D	
	BHK	eP	10	29	13		
	BOK	iP	10	29	18	CS	77.7
		iS		39	10		
		ScS		39	26		
		PS		39	51		
	NDI	iP	10	29	21	C	
	POO	iP	10	30	12	C	
		e		41	12		
	BOM	iP	10	30	14		88.2
		eS		40	58		
		e	11	04	50		
		e		08	36		
		e		11	22		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
22	KOD	iP	10	30	35	CW	
		e		30	38		
22	SHL	iP	19	31	00	D	
22	NDI	iP	20	07	26.8	C	
22	CHA	iPg	22	36	45.7	C	0.9
22	NDI	ePn	23	49	45		2.9
		iPg		49	54.5		
		iSn		50	21.5		
		iSn		50	39		
	POO	e	23	54	54		
23	CHA	iPg	00	11	12.8	C	1.2
		iSg		11	29.1		
		i					
	NDI	iPg	01	44	01.2		0.2
		iSg		44	03.8		
23	CHA	iP	02	21	37	C	5.0
		S		22	36		
23	SHL	iP	03	49	23	CSW	
23	NDI	iP	03	49	55.6	C	
23	POO	iP	03	50	47	C	
23	Epc: 7.1°S, 130.0°E, H = 05h 46m 22.9s, depth 89 Kms. Mag. 51. (CGS).						
	SHL	iP	05	55	03	W	
	CHA	iP	05	55	37	D	
	KOD	iP	05	55	47	D	
	POO	eP	05	56	27		
	NDI	iP	05	56	33	C	
23	Epc: 51.9°N, 173.5°W, H = 08h 26m 10.1s, depth 33 Kms. Mag. 4.7 (CGS).						
	SHL	iP	08	37	37	D	
	CHA	iP	08	37	50	D	
		i		37	59	D	
	NDI	i	08	38	10		
	POO	eP	08	39	05		
23	SHL	iP	13	13	13	D	
	NDI	iP	13	15	04	CW	
23	SHL	iP	13	31	30		
23	Epc: 51.7°N, 173.5°W, H = 14h 31m 51.2s, depth 55 Kms. Mag. 5.3 (CGS).						
	SHL	iP	14	43	17	CSW	73.0
		iS		52	44		
		i		53	00		
	CHA	iP	14	43	31	C	

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
23	BHK	iP	14	43	40	C	
	BOK	iP	14	43	46		77.8
		iS		53	37		
	NDI	eP	14	43	15		
	POO	eP	14	44	40		87.4
		eS		55	20		
23	SHL	iP	14	51	15	C	
23	BOM	e	15	18	-		
		e		22	-		
23	SHL	iP	15	37	43	C	
23	NDI	eP	16	37	29		8.7
		eS		39	09		
23	NDI	eP	16	42	19		3.9
		eSn		43	09		
23	36.5°N, 70.8°E, H = 17h 44m 58.5s, depth 210 Kms. Mag. 4.6 (CGS).						
	NDI	iP	17	47	10.5	CS	8.8
		iS		48	49		
	BHK	i	17	47	52.6		
	POO	eP	17	48	56		
	SHL	eP	17	48	28		
23	Epc: 51.8°N, 173.5°W, H = 20h 12m 00.1s, depth 36 Kms. Mag. 4.9 (CGS).						
	SHL	iP	20	23	28	CSW	
	CHA	iP	20	23	41	C	
	NDI	iP	20	24	01	DNE	
	POO	eP	20	24	51		
24	SHL	ePg	00	36	26		0.7
		iSg		36	35		
24	Epc: 30.1°N, 69.9°E, H = 05h 07m 39.5s, depth 9 Kms. Mag. 4.3 (CGS).						
	NDI	ePn	05	09	17		6.2
		eSn		10	30		
		Sg		11	10		
	DDI	iP	05	09	25.2	C	6.8
		iSg		11	24		
	POO	ePP	05	10	44		
		e		14	05		
		e		14	11		
	BOK	eP	05	11	22		
	CHA	eP	05	11	23		15.1
		i		12	14		
		eS		14	12		
		eSS		14	27		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
24	CAL	i	05	15	54		
	VIS	i	05	16	54		
	KOD	eS	05	17	07	C	
		i		18	34		
24	VIS	e	07	13	06		
24	KOD	ePn	11	30	11		
		iSn		30	56.5		
24	BHK	i	15	10	09		
		i		10	14		
		i		10	48		
24	NDI	eP	15	27	31		
24	SHL	iPg	16	07	53	C	0.7
		Pn		07	55		
		Sg		08	02		
24	SHL	eP	17	10	01		
	CHA	eP	17	10	24		15.2
		S		11	25		
	NDI	iP	17	12	04	R	
	POO	eP	17	15	07		
24	NDI	ePn	18	05	06		3.05
		iPg		05	17		
		iSn		05	44		
24	SHL	eP	21	35	55		
25	NDI	i	03	06	19		
25	Epc: 13.2°N, 92.8°E, H = 03h 11m 53s (New Delh).						
	PBA	iP	03	12	20.5		1.5
		iS		12	40.5		
	SHL	eP	03	14	55		
		e		17	10		
	CHA	iP	03	15	31	C	15.2
		eS		18	21		
	NDI	iP	03	16	42		
	KOD	iS	03	18	24		
	POO	eSS	03	20	20		
25	BOK	e	08	35	23		
25	BOK	e	08	38	48		
25	SHL	iP	09	30	16	C	
	NDI	iP	09	30	47	D	
25	NDI	eP	12	18	50		8.5
		eS		20	27		
	SHL	iP	12	21	13	C	
25	NDI	eP	15	09	23		
25	NDI	iSg	19	06	49		
25	CHA	iP	19	58	51	C	
		iS	20	00	37		
	NDI	e	20	00	47		
26	SHL	iP	03	03	19		
26	SHL	iPg	03	10	50	C	0.2
		iSg		10	52		
26	NDI	eP	04	35	02		
26	SHL	eP	11	49	20		
26	NDI	i	12	56	03		
26	SHL	eP	13	01	46		
26	SHL	e	13	45	26		
26	SHL	iP	14	39	12	C	
26	Epc: 36.8°N, 71.6°E, H= 15h 15m 31.7s, depth 114 Kms. Mag. 5.0 (CGS).						
	BHK	eP	15	17	10	D	6.2
		iS		18	20		
	DDI	eP	15	17	30		8.4
		iS		19	04		
		i		19	08		
	NDI	eP	15	17	43		8.8
		iS		19	21		
	CHA	iP	15	19	22	C	15.9
		iS		22	14		
	SHL	iP	15	20	05	CSE	
	POO	e	15	23	39		
26	SHL	eP	19	32	54		
26	SHL	eP	22	53	27		
26	NDI	i	22	58	12		
27	CHA	iP	00	20	47	C	4.6
		S		21	42		
27	SHL	ePg	00	36	26		0.7
		iSg		36	35		
27	Epc: 24.2°S, 70.34°E, H = 04h 48m 59.4s, depth 35 Kms. Mag. 6.0 (CGS).						
	POO	ePKP	05	08	39		
	KOD	iPKP	05	08	39.7	CSW	
	NDI	ePKP	05	08	44		
		i		08	50		
	BHK	ePKP	05	08	46		
	DDI	ePKP	05	08	46		
		i		08	52		
	SHL	iPKP	05	09	01	C	
27	SHL	iP	05	18	09	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
27	NDI	i	05	19	53		
27	BHK	e	06	03	56		
27	NDI	iP	07	24	28	C	
27	SHL	eP	10	55	00		
27	Epc: 32.6°N, 48.8°E, H = 14h 49m 02.0s, depth 36 Kms. Mag. 5.5 (CGS).						
	BHK	iP	14	54	11		
		i	15	03	27		
	NDI	eP	14	54	22		
	POO	eP	14	54	52		4.4
	CHA	eP	14	55	42		
		S		56	34		
	SHL	iP	14	56	19	C	
27	NDI	eP	15	35	41		
	SHL	eP	15	37	43		
27	PBA	iP	17	31	57	R	0.9
		iS		32	11.5		
27	NDI	iP	18	11	54.2	R	
27	SHL	iP	18	13	50	C	
		i		15	35	C	
27	SHL	iP	19	21	35	D	
27	NDI	eP	19	45	28		
	SHL	iP	19	47	25	D	
27	SHL	ePg	21	23	44		1.1
		eS		23	58		
27	NDI	eP	23	44	04		
		i		44	34		
28	SHL	eP	00	16	31		
28	SHL	iP	01	31	05	D	
28	SHL	eP	04	10	20		
28	NDI	eP	07	37	03		
28	SHL	iP	08	24	47	D	
	NDI	eP	08	26	16		
28	Epc: 14.9°S, 167.3°E, H = 09h 42m 36.8s, depth 141 Kms. Mag. 5.0 (CGS).						
	SHL	eP	09	54	51		
		pP	10	55	20		
		i		57	22		
		i	11	01	04		
	NDI	e	10	57	00		
	KOD	i	10	57	48	DS	
28	NDI	eP	12	43	25	R	
28	NDI	iP	21	06	45.6	CSE	
28	NDI	eP	23	04	08		10.3
		iS		26	05		
29	SHL	eP	01	29	37		
29	SHL	iPg	04	55	07	CSE	1.1
		iSg		55	21		
29	SHL	eP	06	32	15		
29	Epc: 28.8°N, 80.7°E. in Almora Region. H=06h 38m 47s(New Delhi)						
	DDI	eP	06	39	27		2.2
		iSg		40	03		
	NDI	iPn	06	39	37	SEC	3.0
		iPg		39	47		
		iSn		40	14		
	BHK	eP	06	40	03		4.2
		eS		40	54		
	CHA	iP	06	40	19	D	5.5
		iS		41	24		
	SHL	iP	06	41	14	C	
		e		43	05		
	POO	eP	06	41	42		
		e		43	58		
	KOD	iS	06	46	32.5		
29	NDI	iP	07	17	40	RS	
29	NDI	eP	08	25	45		
29	SHL	iP	11	58	08	D	
	NDI	e	11	59	13		
29	NDI	eP	16	21	03		
29	SHL	iP	19	57	18	C	
	NDI	iP	19	58	16	DNE	
29	SHL	iP	21	01	37	CW	
29	SHL	eP	21	15	59		
	NDI	eP	22	17	19		
30	NDI	eP	03	09	59		
30	NDI	eP	05	10	30		8.6
		iS		12	09		
30	BOK	e	08	55	21		
		e		56	34		
30	SHL	ePn	12	11	35		2.8
		eSn		12	10		
30	NDI	eP	16	43	19		
30	SHL	iP	17	43	07	C	

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
30	SHL	iP	17	46	25	DE	
30	Epc: 9.1°N, 126.6°E, H = 17h 39m 18.8s, depth 36 Kms. Mag. 5.4 (CGS).						
	NDI	eP	17	48	11		
		i		48	15		
30	SHL	iP	20	42	00	C	
30	SHL	eP	20	44	42		
31	SHL	ePn	08	31	40		1.4
		eSg		32	00		
31	NDI	ePn	11	32	09		3.0
		iPg		32	19		
		iSn		32	46		
31	SHL	iP	11	33	12	D	
31	SHL	eP	12	02	29		
31	SHL	ePg	12	36	57		0.4
		eSg		37	02		
31	SHL	iPg	14	51	59	DSW	1.0
		iSg		52	12		
31	NDI	iP	15	23	35.5	C	
31	PUU	eP	17	48	25		
31	CHA	eP	18	06	58.0		3.0
		iS		07	35		
31	SHL	iP	19	57	51	D	
31	NDI	iPg	22	01	48.6	CSE	0.83
		iSg		01	59.6		
	NDI	e	22	38	20		

(Earthquake Report)

(Non Instrumental Report)

List of felt earthquake report received from voluntary observers for the month of July 1966

Station	Date in GMT	Time in GMT	No. of shocks	Duration (Secs.)	Intensity (R.F.Scale)	Remarks
Shillong	26	03 45	I	20	V	
Shillong	27	00 20	2 (3 sec. interval).	40	V	

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

DATE	HOUR GMT	K	MEAN Amplitude	MEAN Period
Station: COLABA, BOMBAY				
01	00	3	2.3	4.7
			1.3	3.0
			0.5	2.0
	06	Shock in progress		
	12	3	2.1	4.0
			0.8	2.8
			0.5	2.0
	18	3	2.0	4.0
			1.0	3.0
			0.5	2.0
02	00	3	1.9	4.1
			1.1	3.0
			0.5	2.0
	06	3	2.0	4.1
			1.1	3.0
			0.5	2.1
	12	3	2.3	4.6
			1.7	3.6
			0.5	2.0
	18	3	1.9	4.1
			1.5	3.2
			0.6	2.5
03	00	3	1.9	4.3
			1.4	3.1
			0.4	2.0
	06	3	1.7	3.8
			1.3	3.0
			0.5	2.2
	12	3	1.9	4.0
			1.0	3.2
			0.5	2.0
	18	3	1.7	4.3
			1.0	3.0
			0.5	2.0
04	00	3	1.7	4.0
			0.5	2.2
	06	3	1.5	3.9
			0.5	2.4
	12	3	1.5	4.0
			0.7	3.1
			0.5	2.2
	18	3	1.3	4.1
			0.6	2.2
05	00	3	1.5	4.1
			1.0	3.0
			0.3	1.9
	06	3	1.4	4.1
			0.9	2.9
			0.5	2.0
	12	3	1.5	4.1
			0.9	3.1
			0.6	2.3
	18	3	1.5	4.1
			0.9	3.0
			0.3	1.7
Station: COLABA, BOMBAY				
06	00	3	1.7	4.2
			1.1	3.0
			0.4	2.0
	06	3	1.5	4.0
			0.9	3.1
			0.4	2.1
	12	3	1.4	4.2
			1.0	3.0
			0.5	2.0
	18	3	1.3	4.3
			0.5	2.7
			0.3	1.7
07	00	3	1.4	4.2
			0.9	3.1
			0.5	2.4
	06	Calibration of MS(N-S).		
	12	3	1.4	4.6
			0.8	3.0
	18	3	1.3	4.6
			0.7	3.0
08	00	3	1.2	4.2
			0.8	3.6
	06	Calibration of MS(N-S).		
	12	3	1.0	4.5
			0.3	3.0
	18	3	1.1	4.3
			0.3	2.8
09	00	3	0.9	4.2
			0.3	3.0
	06	3	0.9	4.7
			0.3	2.0
	12	3	0.9	4.6
			0.3	2.0
	18	3	0.8	4.2
			0.3	2.0
10	00	3	0.9	4.2
			0.3	2.0
	06	3	0.9	4.7
			0.5	2.9
			0.3	2.0
	12	3	0.9	4.6
			0.5	3.0
			0.3	2.0
	18	3	0.9	4.5
			0.5	3.2
			0.3	2.1
11	00	3	0.9	4.1
			0.6	2.9
	06	Calibration of SR		
	12	3	0.9	4.3
			0.4	2.4
	18	3	0.7	4.8
			0.5	3.0
12	00	3	0.7	4.1
			0.5	2.8

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: COLABA, BOMBAY				
12	00	3	0.3	1.8
	06	3	0.9	4.3
			0.6	3.0
			0.5	2.1
	12	3	0.9	4.2
			0.5	2.2
	18	3	1.1	4.1
			0.5	2.4
13	00	3	1.2	4.5
			0.5	2.8
	06	3	1.2	4.5
			0.5	3.2
	12	3	1.1	4.3
			0.9	3.4
			0.4	2.2
	18	3	1.4	4.7
			1.0	3.2
			0.5	2.1
14	00	3	1.4	4.5
			0.9	2.9
			0.5	2.0
	06	3	1.7	4.6
			1.3	3.6
			0.5	2.2
	12	3	1.8	4.9
			1.0	3.0
			0.4	2.0
	18	3	1.9	4.2
			1.1	2.8
			0.5	2.0
15	00	3	1.7	4.0
			1.0	3.0
			0.5	2.1
	06	3	1.9	4.0
			1.3	2.8
			0.9	2.2
	12	3	1.9	4.0
			1.1	3.0
			0.5	2.0
	18	3	2.0	4.2
			1.1	3.0
			0.5	2.2
16	00			
	06	3	1.8	4.0
			1.7	3.1
			0.8	2.0
	12	3	1.9	3.4
			1.3	2.2
	18	3	2.3	4.0
			1.5	2.4
17	00	3	1.7	3.6
			0.9	2.1
	06	3	1.9	3.8
			1.5	3.0
			0.5	2.0
17	12	3	2.3	4.1
			1.6	3.1
			0.5	2.0
	18	3	2.1	4.0
			1.4	3.0
			0.6	2.2
18	00	3	2.0	4.1
			1.3	3.0
			0.6	2.0
	06	3	2.3	4.1
			1.5	3.1
	12	3	2.4	4.3
			1.2	2.8
	18	3	2.1	4.2
			1.5	2.9
			0.5	2.0
19	00	3	2.3	4.1
			1.5	3.0
			0.7	2.2
	06	3	2.1	3.9
			1.5	3.0
			0.5	2.0
	12	3	2.5	4.0
			1.8	3.0
			0.5	2.0
	18	3	2.1	4.0
			1.8	3.0
			0.7	2.0
20	00	3	2.3	4.1
			1.7	3.0
			0.6	2.0
	06	3	2.2	3.9
			1.5	3.0
			1.6	2.2
	12	3	2.2	4.1
			1.6	2.9
			0.8	2.0
	18	3	2.3	4.0
			1.5	3.0
			0.6	2.2
21	00	3	2.5	4.2
			1.5	2.9
			0.7	2.2
	06	3	2.1	4.2
			1.5	2.8
			0.6	2.0
	12	3	2.8	4.3
			1.7	3.0
			0.9	2.2
	18	3	2.5	4.0
			1.5	3.0
			0.6	2.0
22	00	3	2.2	4.1
			1.5	3.0
			0.6	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: COLABA, BOMBAY				
22	06	3	2.1	4.0
			1.5	3.0
			0.7	2.0
	12	3	2.1	4.1
			1.9	3.0
			0.7	2.0
	18	3	1.9	4.0
			1.4	3.0
			0.8	2.2
23	00	3	1.7	4.0
			1.5	3.0
			0.6	2.0
	06	3	1.7	4.0
			1.1	3.0
			0.5	2.0
	12	3	1.9	4.0
			1.1	3.0
			0.7	2.0
	18	3	1.9	4.0
			1.1	3.0
			0.6	2.0
24	00	3	1.7	4.0
			1.1	3.0
			0.5	2.0
	06	3	1.5	4.0
			1.0	3.0
			0.7	2.1
	12	3	1.7	4.0
			1.0	3.0
			0.6	2.0
	18	3	1.5	3.8
			0.8	2.6
			0.5	1.0
25	00	3	1.9	4.0
			0.9	3.0
			0.5	2.0
	06	3	1.8	4.0
			1.2	3.0
			0.8	2.3
	12	3	1.9	4.0
			1.1	3.0
			0.6	2.0
	18	3	1.8	3.9
			1.4	3.0
			0.6	2.0
26	00	3	1.8	3.4
			0.9	2.0
	06	3	1.9	4.1
			1.3	2.7
			0.7	2.0
	12	3	2.1	4.0
			1.5	2.9
			0.8	2.0
	18	3	2.4	3.9
			1.5	3.1
			0.6	2.2
Station: COLABA, BOMBAY				
27	00	3	2.3	4.0
			1.5	3.0
			0.8	2.0
	06	3	2.7	4.1
			1.9	3.1
			0.6	2.0
	12	3	2.5	4.0
			1.7	3.1
			1.0	2.0
	18	3	2.5	4.0
			2.4	3.0
			1.2	2.0
28	00	3	2.5	4.0
			1.9	3.0
			1.0	2.0
	06	3	2.9	4.1
			1.8	3.0
			1.0	2.0
	12	3	2.5	4.0
			1.9	3.0
			1.1	2.0
	18	3	2.5	4.0
			1.9	3.0
			1.1	2.0
29	00	3	2.4	3.9
			1.7	3.0
			0.9	2.0
	06	3	2.5	4.0
			1.5	2.8
			0.9	2.0
	12	3	2.5	3.9
			1.5	2.8
			1.0	2.0
30	00	3	2.1	3.9
			1.5	2.8
			0.9	2.0
	06	3	2.3	4.0
			1.5	3.0
			0.9	2.0
	12	3	2.5	3.8
			1.5	2.8
			0.8	2.0
	18	3	2.3	4.0
			1.5	2.9
			0.9	2.0
31	00	3	2.0	4.0
			1.5	2.9
			1.0	2.2
	06	3	1.9	3.8
			1.5	2.9
			1.0	2.1
	12	3	2.4	4.0
			1.5	3.0
			1.1	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: COLABA, BOMBAY				
31	18	3	2.1	3.9
			1.5	2.8
BOKARO			1.1	2.0
01	00	3	1.0	5.9
	06	...	--	--
	12	...	--	--
	18	3	0.8	6.4
02	00	3	1.1	6.0
	06	3	1.3	5.6
	12	3	0.9	5.8
	18	3	1.0	5.4
03	00	3	0.9	5.8
	06	3	0.8	5.8
	12	3	1.0	5.6
	18	3	0.8	5.4
04	00	3	0.7	5.4
	06	3	0.8	5.2
	12	3	0.7	5.6
	18	3	0.7	5.6
05	00	3	0.6	5.2
	06	...	--	--
	12	...	--	--
	18	3	0.7	5.0
06	00	3	0.9	5.6
	06	...	--	--
	12	3	0.8	5.2
	18	3	0.7	5.4
07	00	3	0.7	5.6
	06	3	0.6	5.4
	12	3	0.6	5.4
	18	3	0.7	5.6
08	00	3	0.7	5.4
	06	3	0.7	5.2
	12	3	0.6	5.2
	18	3	0.4	5.4
09	00	3	0.5	5.6
	06	3	0.6	5.2
	12	3	0.5	5.2
	18	3	0.4	5.6
10	00	3	0.4	5.2
	06	3	0.6	5.2
	12	3	0.5	5.0
	18	3	0.4	5.6
11	00	3	0.4	5.2
	06	3	0.4	5.0
	12	3	0.5	5.4
	18	3	0.5	5.0
12	00	3	0.5	5.0
	06	3	0.6	4.8
	12	3	0.6	5.0
	18	3	0.8	5.4

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOKARO				
13	00	3	0.8	5.2
	06	3	0.8	5.2
	12	3	0.9	5.4
	18	3	0.9	5.4
14	00	3	0.8	5.2
	06	3	1.0	5.0
	12	3	1.0	6.0
	18	3	0.9	6.0
15	00	3	0.8	5.8
	06	3	0.8	5.6
	12	3	1.0	5.6
	18	3	0.8	5.4
16	00	3	0.8	5.4
	06	3	1.0	5.6
	12	3	1.0	5.2
	18	3	0.9	5.2
17	00	3	1.0	5.2
	06	3	1.1	5.4
	12	3	1.1	5.0
	18	3	1.0	5.6
18	00	3	0.9	5.4
	06	3	1.2	5.6
	12	3	1.0	5.2
	18	3	1.0	5.4
19	00	3	1.0	5.6
	06	3	1.1	5.4
	12	3	1.0	5.6
	18	3	1.1	5.6
20	00	3	1.2	5.0
	06	...	--	--
	12	...	--	--
	18	...	--	--
21	00	...	--	--
	06	3	1.3	5.6
	12	3	1.3	5.4
	18	3	1.2	5.8
22	00	3	1.2	5.6
	06	3	1.2	6.0
	12	3	1.0	5.4
	18	3	0.7	5.4
23	00	3	0.6	5.4
	06	3	0.7	5.4
	12	3	0.9	5.3
	18	3	0.6	5.4
24	00	3	0.5	5.2
	06	3	0.7	5.2
	12	3	0.5	5.7
	18	3	0.4	5.4
25	00	3	0.7	4.8
	06	3	0.7	5.0
	12	3	0.7	5.2
	18	3	0.8	5.0

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOKARO				
26	00	3	0.8	5.4
	06	3	0.8	5.5
	12	3	0.9	5.4
	18	3	0.9	4.9
27	00	3	1.0	5.4
	06	3	0.9	5.3
	12	3	1.1	5.3
	18	3	0.8	5.5
28	00	3	1.1	5.4
	06	3	1.2	5.2
	12	3	1.2	5.0
	18	3	1.0	5.7
29	00	3	1.2	5.5
	06	3	1.2	5.1
	12	3	1.0	5.1
	18	3	1.3	5.3
30	00	3	1.1	5.2
	06	...	-	
	12	3	1.0	5.2
	18	3	1.1	5.2
31	00	3	0.7	5.3
	06	...	-	-
	12	...	-	-
	18	3	0.8	5.2
Station: ALIPORE, CALCUTTA				
01	00	3	2.4	4.2
	06	...		
	12	...		
	18	3	1.2	4.4
02	00	3	1.2	4.2
	06	3	1.5	4.0
	12	3	1.6	3.6
	18	3	2.0	4.0
03	00	...		
	06	...		
	12	3	2.0	4.0
	18	3	1.5	4.5
04	00	3	1.8	4.0
	06	3	2.0	4.1
	12	3	2.1	3.2
	18	3	1.4	3.0
05	00	3	1.8	3.3
	06	3	1.6	3.8
	12	3	1.5	3.0
	18	3	1.2	3.0
06	00	3	1.1	2.2
	06	3	1.2	2.4
	12	3	1.5	2.0
	18	3	1.0	2.0
07	00	3	1.1	2.1
	06	3	1.0	2.7
07	12	3	2.1	2.0
	18	3	1.1	2.2
08	00	3	1.0	2.0
	06	3	1.1	1.9
	12	3	1.8	2.0
	18	3	1.0	2.0
09	00	3	0.9	1.9
	06	3	2.3	2.5
	12	3	2.0	2.9
	18	3	1.4	2.0
10	00	3	1.0	2.0
	06	3	1.0	3.0
	12	3	0.8	2.0
	18	3	0.6	2.0
11	00	3	0.8	2.0
	06	3	1.0	3.0
	12	3	0.8	3.2
	18	3	1.0	3.0
12	00	3	1.0	3.0
	06	3	1.1	3.4
	12	3	1.2	3.8
	18	3	1.0	2.6
13	00	3	0.8	2.4
	06	...		
	12	3	1.0	3.0
	18	3	0.8	3.2
14	00	3	1.0	3.0
	06	3	1.2	4.0
	12	3	0.8	3.0
	18	3	0.8	2.8
15	00	3	1.1	3.2
	06	3	1.1	3.6
	12	3	0.8	3.0
	18	3	1.0	3.8
16	00	3	1.0	3.0
	06	3	1.2	4.0
	12	3	1.2	3.0
	18	1	2.0	3.2
17	00	1	1.6	3.0
	06	1	1.8	3.0
	12	1	1.5	3.0
	18	1	2.0	3.0
18	00	1	2.2	3.0
	06	3	1.8	3.0
	12	3	2.0	3.0
	18	3	2.0	3.0
19	00	1	1.5	3.2
	06	1	2.0	3.0
	12	1	2.1	3.0
	18	1	1.8	3.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: ALIPORE, CALCUTTA				
20	00	3	1.1	3.0
	06	...		
	12	3	1.2	3.0
	18	3	1.5	3.2
21	00	3	1.1	3.6
	06	3	1.0	2.2
	12	3	0.8	3.6
	18	3	0.8	2.4
22	00	3	1.0	3.0
	06	3	1.0	2.2
	12	3	0.8	2.2
	18	3	1.0	2.2
23	00	3	1.0	3.0
	06	3	1.0	2.6
	12	3	0.8	2.0
	18	3	0.5	1.8
24	00	3	0.5	1.8
	06	3	1.0	2.0
	12	3	0.8	1.8
	18	3	0.8	2.4
25	00	3	1.0	2.6
	06	3	0.8	2.2
	12	3	0.6	1.8
	18	3	0.5	2.0
26	00	3	0.8	2.0
	06	3	0.8	2.2
	12	3	0.5	2.0
	18	3	0.3	1.8
27	00	3	0.5	2.0
	06	3	0.6	2.0
	12	3	0.5	2.0
	18	3	0.3	3.0
28	00	3	0.4	3.0
	06	3	0.8	2.2
	12	3	1.0	2.2
	18	3	1.0	2.8
29	00	3	0.8	2.0
	06	3	0.6	2.0
	12	3	0.8	2.0
	18	3	0.5	2.0
30	00	3	0.6	2.2
	06	2	3.8	4.4
	12	2	3.5	4.6
	18	2	2.8	4.4
31	00	2	2.2	4.2
	06	2	2.1	4.8
	12	3	2.0	4.0
	18	3	2.2	4.2
Station: MADRAS				
01	00	1	1.7	5.5
	03	1	1.7	5.7
	06	...	Earthquake	
	09	1	1.7	5.7
	12	1	1.6	5.7
	15	1	1.5	5.6
	18	1	1.6	5.6
	21	1	1.4	5.5
02	00	1	1.4	5.5
	03	1	1.4	5.6
	06	...	No record	
	09	...	No record	
	12	1	1.4	5.3
	18	1	1.3	5.3
03	00	1	1.3	5.4
	03	1	1.3	5.1
	06	1	1.3	5.2
	12	1	1.3	5.2
	18	1	1.3	5.2
04	00	1	1.2	5.2
	03	1	1.2	5.1
	06	2	1.1	5.1
	12	2	1.1	5.0
	18	2	1.1	5.0
05	00	2	1.1	5.0
	03	2	1.1	5.0
	06	2	1.1	5.1
	12	2	1.2	5.1
	18	2	1.1	5.1
06	00	2	1.2	5.4
	03	2	1.3	5.5
	06	2	1.1	5.3
	12	2	1.1	5.3
	18	2	1.2	5.4
07	00	2	1.1	5.3
		2	0.5	3.0
	03	2	1.1	5.4
		2	0.7	3.0
	06	2	1.2	5.3
		2	0.7	3.0
	12	2	1.1	5.1
		2	1.1	5.3
		2	0.5	3.0
08	00	2	1.1	5.1
	03	2	1.1	5.1
	06	2	1.1	5.1
	12	2	1.0	5.1
	18	2	0.8	5.1
09	00	2	0.8	5.1
	03	2	0.9	5.0
	06	2	0.8	5.0
	12	2	0.7	5.0
	18	2	0.9	4.9
10	00	2	0.8	4.8
	03	2	0.9	4.9

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
10	06	2	0.8	4.9
	12	2	0.9	4.9
	18	2	0.8	4.9
11	00	2	0.9	4.9
	03	2	0.8	4.9
	06	2	0.8	4.8
	12	2	0.7	4.9
		2	0.4	3.0
	18	2	0.7	4.8
12	00	2	0.8	4.8
		2	0.4	3.0
	03	2	0.8	4.9
		2	0.3	3.0
	06	2	0.9	4.8
	12	2	1.0	5.0
	18	2	0.9	5.0
13	00	2	1.1	5.0
	03	2	1.1	5.0
	06	2	1.0	5.0
	12	2	1.1	5.1
	18	2	1.1	5.0
14	00	2	1.1	5.1
	03	2	1.0	5.1
	06	1	1.2	5.1
	12	1	1.2	5.3
	18	1	1.3	5.2
15	00	1	1.2	5.3
	03	1	1.1	5.2
		2	0.5	3.0
	06	1	1.4	5.1
		2	0.5	3.0
	12	1	1.2	5.3
		2	0.5	3.0
	18	1	1.2	5.2
		2	0.5	3.0
16	00	1	1.2	5.1
		2	0.5	3.0
	03	1	1.2	5.3
		2	0.6	3.0
	06	1	1.2	5.1
		2	0.6	3.0
	12	1	1.2	5.0
		2	0.6	3.0
	18	1	1.2	5.0
		2	0.6	2.9
17	00	1	1.4	5.0
	03	1	1.5	4.0
	06	1	1.4	5.0
	12	1	1.5	5.1
	18	1	1.6	5.0
18	00	1	1.5	5.0
	03	1	1.5	5.2
	06	1	1.6	5.1
	12	1	1.6	5.2
	18	1	1.9	5.1
Station: MADRAS				
19	00	1	1.9	5.0
	03	1	1.9	5.1
	06	1	1.9	5.1
	12	1	1.9	5.2
	18	1	1.9	5.1
20	00	1	1.8	5.1
	03	1	2.0	5.3
	06	1	2.0	5.1
	12	1	2.1	5.1
	18	1	2.0	5.2
21	00	1	2.0	5.4
	03	1	1.9	5.1
	06	1	1.9	5.4
	12	1	2.0	5.4
	18	1	1.9	5.5
22	00	1	2.0	5.6
	03	1	1.9	5.4
	06	1	2.1	5.6
	12	1	2.0	5.5
	18	1	1.7	5.4
23	00	1	1.6	5.4
	03	1	1.6	5.4
		2	0.5	3.0
	06	1	1.5	5.3
		2	0.5	3.0
	12	1	1.6	5.5
		2	0.5	3.0
	18	1	1.4	5.4
		2	0.5	3.0
24	00	1	1.4	5.1
		2	0.5	3.0
	03	1	1.4	5.1
		1	0.7	3.0
	06	...	No record	
	12	2	1.1	5.1
		1	0.7	3.0
	18	2	1.1	5.1
		1	0.6	3.0
25	00	2	1.1	5.0
		1	0.8	3.0
	03	2	1.1	5.1
		1	0.8	3.1
	06	2	1.1	5.0
		1	0.8	3.0
	12	1	1.2	5.0
		1	0.7	3.0
	18	1	1.2	5.2
		2	0.5	3.0
26	00	1	1.4	5.1
		2	0.6	3.0
	03	1	1.5	5.0
		2	0.6	3.1
	06	...	No record	
	12	1	1.5	5.2
		2	0.7	3.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
26	18	1	1.5	5.2
		2	0.6	3.0
27	00	1	1.5	5.2
		2	0.5	3.0
	03	1	1.7	5.1
		2	0.7	2.9
	06	1	1.6	5.1
		1	0.7	3.0
	12	1	1.7	5.1
		2	0.6	3.0
	18	1	1.8	5.3
		2	0.5	3.0
28	00	1	1.8	5.1
		2	0.6	3.0
	03	1	1.6	5.2
		2	0.7	3.0
	06	1	1.5	5.5
		2	0.5	3.0
	12	1	1.5	5.2
		2	0.5	3.0
	18	1	1.5	5.4
		2	0.5	3.0
29	00	1	1.5	5.1
		2	0.4	3.0
	03	1	1.5	5.2
		2	0.4	2.9
	06	1	1.2	5.1
		2	0.5	3.0
	12	1	1.4	5.3
		2	0.5	2.9
	18	1	1.1	5.1
		2	0.5	3.0
30	00	1	1.2	5.1
		2	0.4	3.0
	03	2	1.0	5.0
		2	0.4	3.0
	06	...	No record	
	12	2	1.2	5.1
		2	0.5	3.0
	18	1	1.1	5.0
31	00	1	1.1	5.0
	03	1	1.1	5.0
	06	...	No record	
	12	2	1.0	5.0
	18	2	1.1	5.0
Station: Port Blair				
01	00	3	1.6	3
	06	...	-	-
	12	3	1.6	3
			2.0	7
	18	3	1.6	3
			2.0	7
02	00	3	1.6	3
	06		2.0	7
		3	1.6	3
			1.6	7
	12	3	1.6	3
			1.6	7
	18	3	1.6	3
			1.6	7
03	00	3	1.6	3
			1.6	7
	06	3	1.6	3
			1.6	7
	12	3	1.6	3
			1.6	7
	18	3	2.0	3
04	00	3	2.0	3
	06	3	2.4	3
	12	3	2.4	3
	18	3	2.4	3
05	00	3	2.4	3
	06	3	2.4	3
	12	3	2.4	3
	18	3	2.4	3
06	00	3	2.8	3
	06	3	2.4	3
	12	3	2.0	3
	18	3	2.4	3
07	00	3	2.4	3
	06	3	2.0	3
	12	3	2.0	3
			1.6	7
	18	3	2.0	3
			1.6	7
08	00	3	1.6	3
	06	3	1.6	3
			1.2	7
	12	3	1.6	3
			1.2	6
	18	3	1.6	3
			1.2	7
09	00	3	1.6	3
			1.2	7
	06	3	1.2	2
			1.2	7
	12	3	1.2	2
			1.2	7
	18	3	1.2	2
			1.2	7
10	00	3	1.2	2
			1.2	7
	06	3	1.2	2
			1.2	7
	12	3	1.2	2
			1.2	7

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: Port Blair				
10	18	3	0.8	3
			1.2	7
11	00	3	0.8	3
			1.2	7
	06	3	1.2	3
			1.6	7
	12	3	1.2	3
			1.6	7
	18	3	1.2	3
			1.2	7
12	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			1.6	7
	12	3	1.2	3
			1.6	7
	18	3	1.2	3
			1.6	7
13	00	3	1.2	3
			1.6	7
	06	3	1.2	3
			1.6	7
	12	3	1.6	3
			1.6	7
	18	3	1.6	3
			1.6	7
14	00	3	2.0	3
			1.2	7
	06	3	2.0	3
			1.2	7
	12	3	2.0	3
			1.2	7
	18	3	2.0	3
15	00	3	2.0	3
			1.2	7
	06	3	2.0	3
	12	3	2.4	3
	18	3	2.4	3
16	00	3	2.4	3
	06	3	2.8	3
	12	3	2.8	3
	18	3	3.2	3
17	00	3	2.8	3
	06	...	-	-
	12	3	3.2	3
	18	3	3.2	3
18	00	3	3.2	3
	06	3	3.2	3
	12	3	3.2	3
	18	3	2.8	3
19	00	3	2.4	3
	06	3	1.6	3
			2.0	5
	12	3	1.6	3
			2.0	5
	18	3	2.0	3
20	00	3	2.0	3
	06	3	2.0	2
			2.0	3
	12	3	1.2	2
			1.6	3
	18	3	1.2	2
			1.6	3
21	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			1.2	6
	12	3	1.2	3
			0.8	6
	18	3	1.2	3
			0.8	6
22	00	3	0.8	3
			0.8	6
	06	3	2.0	3
	12	3	2.0	3
	18	3	2.0	3
			0.8	7
23	00	3	2.0	3
			1.2	7
	06	3	2.0	3
			1.2	7
	12	3	2.0	3
			1.6	7
	18	3	2.0	3
			2.0	7
24	00	3	2.0	3
			2.0	7
	06	...		
	12	3	2.0	3
			1.6	7
	18	3	2.4	3
25	00	3	2.4	3
	06	3	2.4	3
	12	3	2.8	3
	18	3	2.4	3
26	00	3	2.4	3
	06	3	2.8	3
	12	3	2.8	3
	18	3	2.8	3
27	00	3	2.4	3
	06	3	2.4	3
	12	3	2.0	3
	18	3	2.0	3
28	00	3	2.0	3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: Port Blair				
28	06	3	2.8	3
	12	3	3.6	3
	18	3	3.6	3
29	00	3	3.2	3
	06	3	3.2	3
	12	3	2.8	3
	18	3	2.8	3
30	00	3	2.4	3
	06	3	2.0	3
	12	3	2.0	3
	18	3	4.6	3
31	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
Station: SHILLONG				
01	00	3	2	4.0
	06	...	-	-
	12	3	2	4.0
	18	3	2	4.0
02	00	3	2	4.0
	06	3	2	4.0
	12	3	3	4.0
	18	3	2	4.0
03	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.0
	18	3	2	4.0
04	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.0
	18	3	2	4.0
05	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.0
	18	3	2	4.0
06	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.0
	18	3	2	4.0
07	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.0
	18	3	2	4.0
08	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.0
	18	3	2	4.0
09	00	3	2	4.0
	06	3	2	4.0
09	12	3	2	4.0
	18	3	2	4.0
10	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.0
11	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.5
	18	3	2	4.5
12	00	3	2	4.5
	06	...	...	...
	12	3	2	4.5
13	00	3	2	4.5
	06	3	2	4.5
	12	3	2	4.5
	18	3	2	4.5
14	00	3	2	4.0
	06	3	2	4.0
	12	3	2	4.0
	18	3	2	4.0
15	00	3	2	4.0
	06	3	3	4.0
	12	3	3	4.0
	18	3	2	4.0
16	00	3	2	4.0
	06	3	2	4.0
	12	3	2	5.0
	18	3	4	5.0
17	00	3	4	5.0
	06	3	4	5.0
	12	3	4	5.0
	18	3	4	5.0
18	00	3	4	5.0
	06	3	3	4.0
	12	3	3	4.5
	18	3	4	5.0
19	00	3	4	5.0
	06	3	4	5.0
	12	3	4	5.0
	18	3	4	5.0
20	00	3	4	5.0
	06	3	4	5.0
	12	3	3	5.0
	18	3	3	5.0
21	00	3	3	5.0
	06	3	3	5.0
	12	3	3	5.0
	18	3	...	...
22	00	...	...	...
	06	3	4	5.0
	12	3	4	5.0
	18	3	3	5.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: SHILLONG				
23	00	3	0.3	5.0
	06	3	0.3	5.0
	12	3	0.3	5.0
	18	3	0.3	5.0
24	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.3	4.0
25	00	3	0.4	4.0
	06	2	0.3	4.0
	12	2	0.3	4.0
	18	2	0.3	4.0
26	00	2	0.3	4.0
	06	2	0.3	4.0
	12	2	0.3	4.0
	18	2	0.3	4.0
27	00	2	0.3	4.0
	06	3	0.4	5.0
	12	3	0.4	5.0
	18	2	0.5	5.0
28	00	2	0.5	5.0
	06	2	0.5	5.0
	12	2	0.5	5.0
	18	2	0.6	5.0
29	00	2	0.6	5.0
	06	2	0.6	5.0
	12	2	0.6	5.0
	18	2	0.6	5.0
30	00	2	0.6	5.0
	06	2	0.6	5.0
	12	2	0.5	5.0
	18	2	0.5	5.0
31	00	2	0.5	5.0
	06	2	0.5	5.0
	12	3	0.4	5.0
	18	3	0.4	5.0
Station: Visakhapatnam				
01	00			
02	06	A 00	–	–
	12	2	0.9	5.2
	18	2	0.9	5.1
02	00	2	0.9	5.1
	06	2	0.8	5.6
	12	2	0.7	5.5
	18	2	0.6	5.1
03	00	2	0.6	5.0
	06	2	0.8	5.0
	12	2	0.7	5.0
	18	2	0.6	5.0
04	00	2	0.6	5.0
	06	2	0.4	4.0
04	12	2	0.7	4.8
	18	2	0.6	4.5
05	00	2	0.5	4.2
	06	2	0.5	5.0
	12	2	0.5	4.2
	18	2	0.5	4.1
06	00	2	0.6	3.9
	06	2	0.5	3.1
	12	2	0.5	3.0
	18	2	0.4	3.1
07	00	2	0.4	2.8
	06	1	0.4	2.3
	12	1	0.4	2.2
	18	2	0.3	2.9
08	00	2	0.5	3.9
	06	2	0.6	5.0
	12	2	0.6	4.8
	18	2	0.6	4.9
09	00	00	–	–
	06	2	0.4	4.1
	12	2	0.4	4.2
	18	2	0.4	4.5
10	00	2	0.4	4.2
	06	2	0.4	4.4
	12	2	0.5	4.7
	18	2	0.5	4.8
11	00	2	0.4	4.2
	06	2	0.4	4.5
	12	2	0.4	4.4
	18	2	0.3	3.9
12	00	2	0.4	4.1
	06	2	0.5	4.2
	12	2	0.5	4.3
	18	2	0.6	4.6
13	00	2	0.8	5.0
	06	2	0.9	5.4
	12	B 0,0	–	–
	18	2	0.7	5.0
14	00	2	0.6	5.1
	06	2	0.6	5.4
	12	C 0,00	–	–
	18	2	0.6	5.2
15	00	2	0.6	5.0
	06	2	0.6	5.0
	12	2	0.6	4.8
	18	2	0.6	4.8
16	00	2	0.5	4.6
	06	2	0.8	4.2
	12	2	0.8	4.6
	18	2	0.6	4.3

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: Visakhapatnam				
17	00	2	0.9	4.4
	06	1	0.9	4.3
	12	1	0.9	4.5
	18	1	1.0	4.5
18	00	2	0.9	4.5
	06	2	0.9	4.5
	12	2	0.8	4.5
	18	2	0.7	4.2
19	00	2	0.6	4.2
	06	2	0.7	4.3
	12	2	0.6	4.4
	18	2	0.6	4.5
20	00	2	0.6	4.1
	06	2	1.1	4.5
	12	2	1.0	4.5
	18	2	0.9	4.5
21	00	2	0.9	4.4
	06	2	0.9	4.6
	12	2	1.0	4.6
	18	2	1.1	4.7
22	00	2	0.9	4.8
	06	2	0.8	4.7
	12	2	0.7	4.7
	18	2	0.8	4.8
23	00	2	0.6	4.6
	06	2	0.6	4.3
	12	2	0.6	4.4
	18	2	0.5	4.2
24	00	2	0.5	4.1
	06	2	0.5	3.9
	12	2	0.5	3.8
	18	2	0.5	3.5
Station: Visakhapatnam				
25	00	2	0.6	3.8
	06	2	0.6	4.1
	12	2	0.8	4.2
	18	2	0.8	4.2
26	00	2	0.9	4.1
	06	1	1.1	4.5
	12	1	1.0	4.8
	18	1	1.1	4.7
27	00	1	1.1	4.6
	06	1	1.1	4.4
	12	1	1.3	3.8
	18	1	1.2	4.3
28	00	1	1.2	4.5
	06	1	1.0	4.1
	12	1	1.4	4.0
	18	1	1.0	4.1
29	00	1	1.1	4.3
	06	1	1.0	4.4
	12	1	1.2	4.3
	18	1	0.9	4.1
30	00	1	0.9	4.0
	06	1	0.8	4.2
	12	1	0.9	4.3
	18	1	0.7	3.5
31	00	1	0.6	3.8
	06	1	0.7	4.0
	12	1	0.7	4.2
	18	1	0.6	4.1

A = shock inprogress

B = Power failure

C = Power failure

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SEISMOLOGICAL BULLETIN

AUG 1966

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 Constant

Station and abbreviation	Latitude °N	Longitude °E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs To	Period in secs Tg	V max	Damping Constant h_1	Damping Constant h_2	Paper speed mm/min
Bhakra	31.25	76.25			Press-Ewing	Z	14 8	98	1500	1	1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1	1	20
						N	1.01	1.17	5500	1	1	20
						E	1.02	1.15	5600	1	1	20
Bokaro	23.47	85.53		Rock	Press-Ewing	Z	15	100	-	-	1	15
BOK						N	15	100	-	-	1	15
						E	15	94	-	-	1	15
					Sprengnether	E	7 3	7.3	5000	-	1	30
					Wood-Anderson	N	0 8	0.8	940	1		30
						E	0 8	0 8	950	1		30
Bombay	18.54	72 49		Deccan Trap	Milne Shaw	N	12		250	0 7		8
BOM						E	12		250	0 7		8
					Sprengnether	E	7 3	7.3	5000		1	30
					Benioff	Z	1 0	0 2	-			30 for LP Galvanometer 60 for SP
							1 0	87 0				
Calcutta	22.32	88.20	7	Milne Shaw Alluvium	Milne Shaw	E	12		250	0 7		8
CAL			6	Omori-Ewing	Omori-Ewing	E	19		30			25 4
						N	15		32	-		25.4
					Sprengnether	N	7 0	7 0	1000		1	30
Chatra	26.50	87.10	161	Sand stone	Benioff	Z	0.72	0 45	-		1	60
CHA					Wood-Anderson	N	0 8		1000	1		30
						E	0 8		1000	1		30
					Milne-Shaw	N	12		250	1		16
						E	12		250	1		16
				Wenner Accelerograph		ZNE	0.1		50	0 6		600
Delhi	28.41	77 12	207	Massive Quartzite	Sprengnether	E	7 6	7 6	5000		1	30
NDI					Wood-Anderson	E	0 8		1000	1		30
						N	0 8		1000	1		30
					Milne-Shaw	N	12		250	0 7		8
					Benioff(SP)	Z	1 0	076	50K for TE=1 sec.		1	60
						N	1 0	076	50K		1	60
						E	1 0	077	50K		1	60
					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs		1	30
						N	15	100	1500		1	30
						E	15	100	1500		1	30
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1 3	-	1	1	60
DDI					Wood-Anderson	N	0 8		970	1		30
						Z	0 8		1000	1		30
					Milne-Shaw	N	12		250	0 7		8
					Sprengnether	Z	15	100 for TE=15 secs.	1500	1	1	30
Goa	15.29	73 49		Laterite	Sprengnether	Z	1 5	1.5	-		1	30
GOA						E	7 4	7 4	5000		1	30
						N	7 5	7.5	5000		1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		250	0 7		8
HYD						N	12		250	0 7		8
Kodaikanal	10.14	77.28	2345	Rock	Benioff(SP)	Z	1.0	0.75	50K for TE=1 sec.		1	60
KOD						N	1.0	0.75	50K		1	60
						E	1.0	0 75	50K		1	60
					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs.		1	30
						N	15	100	1500		1	30
						E	15	100	1500		1	30
					Milne-Shaw	E	12		250	0 7		8
Madras	13.00	80.11	15		Sprengnether	E	7 4	4			1	30
MDR						Z	1 5	1.5			1	60
Poona	18.32	73.51	560	Deccan Trap	Benioff (SP)	Z	1 0	0.75	50K for TE=1 sec.		1	60
POO						N	1 0	0.75	50K		1	60
						E	1.0	0.75	50K		1	60
					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs.		1	30
						N	15	100	1500		1	30
						E	15	100	1500		1	30
Port Blair	11.40	92.43			Milne-Shaw	E	12		250	0.7		8
PBA					Wood-Anderson	N	2 0		890	0.7		30
						E	0.8		840	0.8		30
					Benioff	Z	1 2	1.5			1	30
Sehore	23.10	77.05			Wood-Anderson	N	0 8		860	1		30
SEH						E	0.8		950	1		30
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff(SP)	Z	1	0 75	200K for TE=1 sec		1	60
SHL						N	1	0.75	200K		1	60
						E	1	0.75	200K		1	60
					Press-Ewing (LP)	Z	15	100	3000 for TE=15 secs		1	30
						N	15	100	3000		1	30
						E	15	100	3000		1	30
					Sprengnether	E	6 7	6 7	2500		1	30
					Milne-Shaw	N	12		250	0.7		8
				Wenner Accelerograph		Z,N,E	0.1		Nearly 50	0 6		600
Tocklai	26.45	94.46		Alluvium	Wood-Anderson	E	0 8		1000	1		60
TOC												
Trivandrum	8.29	76.57		Decomposed Laterite	Sprengnether	E	7 1	7 1	2500		1	30
THV												
Visakhapatnam	17.43	83.18			Sprengnether	E	7 0	7.0	5000		1	30
					Wood-Anderson	E	0 8		1000	1		30
VIS						N	0 8		1000	1		30
				Electromagnetic (S P.)		Z	1 65	1 65	5000			60

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.
01	NDI	e	02	29	36	
01	SHL	iP	03	34	46	E
01	SHL	iP	06	36	54	SW
01	SHL	iP	09	13	18	C
	NDI	eP	09	14	37	
01	SHL	iP	11	58	16	C
	NDI	i	11	59	46	
01	NDI	e	15	16	12	
		e		17	18	
01	PBA	ePg	16	28	55.1	0.5
		iSg		29	02.1	
01	NDI	e	16	31	13	
01	NDI	e	18	29	36	
01	SHL	iP	18	32	01	NW
01	NDI	iSg	18	55	01.3	
01	Epc: 29.9°N, 68.8°E, West Pakistan. Depth 33 Kms (CGS). H = 19h 09m 55.1s (USCGS). Mag. 5.8 (CGS)					
	BHK	iP	19	11	33.7 C	6.7
		iSn		12	52	
		iS*		13	15	
		Sg		13	34.5	
	NDI	eP	19	11	42	7.3
		eS		13	06	
	DDI	iP	19	11	52 C	8.1
		eS		13	25	
	SEH	e	19	12	24	
		i		13	03	
	BOM	eP	19	12	41	11.3
		PP		12	49	
		PPP		12	57	
		LQ		14	44	
		eS		14	49	
		i		16	18	
		PcS		22	08	
	POO	eP	19	12	49	11.8
		PP		13	01	
		eS		15	03	
		SS		15	21	
		SSS		15	30	
	HYD	eP	19	13	20	19.3
		eS		16	52	
	CHA	eP	19	13	42	16.1
		eS		16	43	
	BOK	eP	19	13	42	16.2
		iPP		13	55	
		i		14	19	
		iS		16	44	
		SS		17	01	
		i		17	21	

DATE	STN	PHASE	H.	M.	S.	Δ Deg.
01	VIS	iP	19	14	09 EC	18.7
		ePP		14	31	
		iS		17	36	
		iSS		18	01	
		eSSS		18	14	
	CAL	iP	19	14	21 E	
01	MDR	iP	19	14	30 E	20.7
		PP		14	51	
		PPP		14	59	
		iiS		18	17	
		LQ		18	32	
		SSS		19	03	
	SHL	iP	19	14	37 CSE	21.5
		iS		18	32	
		SS		19	09	
	KOD	iP	19	14	42 CE	
		i		14	45.5	
		i		18	49	
	TUC	eP	19	15	01	
		i		18	56	
	PBA	eP	19	16	01	
01	Epc: 29.9°N, 68.6°E, West Pakistan, depth 33 Kms (CGS). H = 20h 30m 57.0s (USCGS). Mag. = 5.2 (CGS).					
	BHK	ePn	20	32	38.3	6.5
		P*		32	51.7	
		iSn		33	54.7	
	NDI	iP	20	32	45 CSE	7.2
		eS		34	08	
	DDI	eP	20	32	54	8.0
		eS		34	26	
	SEH	eP	20	33	22	9.8
		eS		35	11	
		i		35	18	
		i		35	28	
		i		35	31	
		i		36	19	
	BOM	eP	20	33	40	10.9
		eS		35	44	
		SS		35	58	
	POO	eP	20	33	48	
	GOA	eP	20	34	38	
	HYD	eP	20	34	27	
		e		37	41	
		i		37	59	
	BOK	eP	20	34	44	15.6
		PP		34	54	
		iS		37	38	
		SS		38	00	
	CHA	iP	20	34	48	16.0
		eS		37	46	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
01	CAL	iP	20	35	23	W	
	VIS	iP	20	35	09	CE	18.3
		ePP		35	24		
		eS		38	31		
		iS		38	31		
		eSS		38	58		
		eSSS		39	08		
		ePcP		39	42		
		eScS		46	57		
	MDR	iP	20	35	30	E	20.2
		PP		35	53		
		PPP		35	59		
		eS		39	12		
	SHL	iP	20	35	40	CSE	21.4
		iS		39	34		
		SS		40	02		
	KOD	iP	20	35	44	CE	21.7
		iS		39	40		
		SS		40	20		
		SSS		40	37		
	TOC	iP	20	36	03		
		i		39	57		
	PBA	iP	20	36	58	C	28.7
		eS		41	47		

01 Epc: 30.0°N, 68.7 E, West Pakistan, 2 killed, 15 injured, about 45 villages destroyed, felt in Quetta. Depth = 33 Kms (CGS). H= 21h 02m 59.6s (USCGS). Mag. 6.2 (CGS), 6¼ (Pas).

	BHK	eP	21	04	41	6.5
		iS		05	56	
	NDI	iPn	21	04	45	CSE 7.3
		Sn		06	06	
		S*		06	32	
		Sg		07	04	
	SEH	eP	21	05	23	9.8
		eS		07	14	
		SS		07	24	
		i		07	36	
		i		07	46	
	BOM	eP	21	05	39	10.8
		PP		05	47	
		i		06	45	
		eS		07	42	
		SS		07	55	
	DDI	eP	21	05	54	R 8.1
		eS		07	27	
	POOO	eP	21	05	50	11.6
		eS		08	01	
	GUA	iP	21	06	31	

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
01	HYD	iP	21	06	32	N	15.2
		PP		06	41		
		iS		09	22		
	BOK	i	21	06	46		
	CHA	eP	21	06	47		16.4
		iS		09	50		
		SS		10	09		
	VIS	iP	21	07	09		
	CAL	iP	21	07	24	E	19.4
		iS		10	57		
	MDR	iP	21	07	30	E	20.0
		iS		11	10		
	SHL	iP	21	07	40	SEC	21.4
		iS		11	33		
	KOD	eP	21	07	46	SW	
		i		07	47.8		
		iSS		12	02		
	TOC	iP	21	08	07		
		i		12	00		
	PBA	iP	21	09	01		29.5
		i		09	43		
		iS		13	56		
		LQ		15	30		
		i		16	24		
01	POO	eP	21	38	30		

01 Epc: 30.0°N, 68.9°E, West Pakistan, Depth = 33 Kms (CGS). H = 22h 30m 54.8s (USCGS), Mag. = 5.2 (CGS).

	NDI	eP	22	32	41	7.1
		eS		34	03	
	POO	eP	22	33	48	
	BHK	i	22	33	50.1	
	BOK	e	22	34	42	
	CHA	iP	22	34	46	C
		i		38	06	
	HYD	eP	22	35	11	
		iS		38	59	
	SEH	e	22	35	20	
		i		35	50	
	KOD	eP	22	35	43	CN
		i		42	05.7	
	TOC	e	22	36	01	
01	NDI	ePn	22	46	22	2.2
		Pg		46	32	
		iSn		47	01	
01	NDI	e	23	27	44	
		e		29	04	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
01	SHL	iP	23	30	41		W
		e		59	30		
02	NDI	e	05	09	08		

02 Epc: 30.0°N, 68.8°E, West Pakistan, Depth = 32 Kms (CGS), H=05h 41m 37.4s(USCGS). Mag. 5.2 (CGS).

	BHK	iP	05	43	17	6.9	
		iS		44	37		
		S*		45	02		
	NDI	iP	05	43	26	NWR 7.5	
		PP		43	36		
		PPP		43	48		
		es		44	53		
		i		45	55		
	DDI	iP	05	43	35	C	
		i		46	26		
	POO	eP	05	44	29	11.7	
		eS		46	42		
	BOK	eP	05	45	22	16.2	
		eS		48	22		
	CHA	eP	05	45	26	16.4	
		i		45	32		
		eS		45	29		
		i		48	45		
	SHL	iP	05	46	20	NEC	
	KOD	iP	05	46	24.8	NWR	
		i		46	25		
		e		46	25		
	BOM	eS	05	46	49		
		e		48	17		
	VIS	e	05	49	31		
		i		50	57		
	HYD	e	05	49	50		
	CAL	e	05	50	09		
		i		51	55		
02	BHK	iP	08	20	33.8		
		iSn		21	46.6		
		iS*		22	06.6		
02	NDI	e	08	34	49		
02	BOK	e	08	45	29		
02	BOK	e	09	06	58		

02 Epc: 29.9°N, 69.2°E, West Pakistan. Depth = 21 Kms (CGS). H=09h 18m 57.6s (USCGS). Mag. 5.1 (CGS).

02	NDI	iP	09	20	42	NEC 6.9	
		eS		22	02		
	DDI	eP	09	20	50		
		i		23	21		
	POO	eP	09	21	51		
	BOK	eP	09	22	43	15.7	
		eS		25	38		
		i		27	35		
	CHA	iP	09	22	51	C	
	SHL	iP	09	23	38	C5	
02	VIS	e	09	26	36		
		i		28	16		
		i		28	40		
		i		28	48		
	HYD	e	09	27	09		
	CAL	e	09	27	29		
		i		29	12		
02	NDI	e	17	26	52		
02	SHL	iP	18	37	40	NE	
02	SHL	iP	18	56	17	SW	
02	NDI	e	18	57	39		
02	SHL	eP	19	44	31		
		i		45	55		
	CHA	iP	19	44	41	C 5.4	
		P*		44	54		
		LQ		45	44		
	TOC	i	19	45	42		
02	NDI	e	19	46	09		
		e		48	18		
02	NDI	e	20	47	34		
		ePn		37	27		
		eSn		37	58		
02	TOC	e	21	28	02		
		i		28	15		
	SHL	eP	21	28	17	1.4	
		eSg		28	37		
02	SHL	eP	23	56	55		
03	SHL	iP	02	43	42	1.4	
		PP		43	54		
		iSg		44	01		
		SS		44	10		
03	NDI	e	03	48	32		
03	SHL	iP	04	11	53	C	
03	SHL	iP	04	34	39		

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DATE	STN	PHASE	H. M. S.	Δ Deg.	
03	NDI	e	04 35 40		
03	NDI	e	04 44 55		
03	SHL	iPg	06 23 14	0.9	
		iSg	23 26		
03	BOK	e	09 10 43		
03	KOD	eP	09 52 05		CSE
		i	52 05.5		
03	NDI	e	16 29 00		
		e	29 25		
03	NDI	ePn	16 33 17	2.1	
		eSn	33 44		
03	SHL	iP	17 37 24	2.7	
		iS	37 58		
03	CHA	iPg	17 38 24		C
03	NDI	ePn	20 34 33	3.0	
		Pg	34 44		
		Sn	35 12		
03	Epc: 36.6°N. 72.0°E. H=22h 13m 26s (New Delhi).				
	NDI	eP	22 15 44	9.3	
		eS	17 30		
	BHK	i	22 16 30		
	POO	eP	22 17 41		
	SHL	iP	22 18 05		W
04	SHL	eP	00 12 58		
04	KOD	iP	03 04 03.6		CE
		eP	04 04		
		i	04.04.6		
04	NDI	eP	03 09 38		
	BHK	i	03 09 57.6		
04	POO	eP	03 13 55		
04	SHL	eP	03 16 12		
04	SHL	iP	05 49 33		E
		i	51 57		
	KOD	eP	05 49 59		RE
		i	49 59		
	NDI	i	05 51 00		
04	PBA	ePg	08 16 54.3	0.5	
		eSg	17 00.3		
04	PBA	ePg	08 33 44.8	0.5	
		eSg	33 53.3		
04	BOK	e	09 26 31		
04	PBA	ePg	11 57 15.9	0.5	
		iSg	57 21.4		
04	SHL	iPg	12 46 39	0.6	
		iSg	46 47		

DATE	STN	PHASE	H. M. S	Δ Deg.	
04	NDI	eP	14 01 53	7.5	
		eS	03 20		
04	MDR	ePg	15 37 32	0.2	
		iSg	37 35		
	KOD	iP	15 38 00.4		CNE
		e	38 03		
		i	38 50		
	POO	eP	15 39 41		
		i	40 20		
	BOM	e	15 40 55		
04	SHL	iP	15 58 24		SE 2.2
		eS	58 52		
	CHA	iP	15 59 25	6.7	
		S	16 00 43		
04	NDI	eP	17 34 56		CS 8.9
		eS	36 38		
04	CHA	eP	17 36 31		
04	SHL	iP	19 26 04		
04	SHL	iP	19 37 06		CNE 1.9
		PP	37 13		
		iS	37 31		
04	CHA	eP	19 49 54		
		i	51 00		
	SHL	iP	19 50 25		C
04	SHL	iP	20 30 43		C
04	CHA	iP	21 35 51		C
		i	32 05		
04	Epc: 29.8°N. 68.8°E. H = 22h 29m 27.8s, depth 54 Kms (USCGS) Mag. 4.9 (CGS).				
	BHK	i	22 31 07		
		i	32 26		
	NDI	eP	22 31 15		
		e	32 25		
	POO	eP	22 32 20		
	BOK	e	22 33 16		
	CHA	iP	22 33 24		
	SHL	iP	22 34 10		NW
	KOD	iP	22 34 12.3		CE
		e	34 13		
		i	34 14		
	BOM	e	22 35 25		
		e	38 14		
04	CAL	i	23 39 45		
05	Epc: 32.6N. 79.6°E. Kashmir-Tibet Border Region. Depth = 55 Kms (CGS), H=01h 03m 04.4s (USCGS) Mag. 5.3 (CGS)				

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DATE	STN	PHASE	H.	M.	S.		Δ Deg
05	BHK	iPn	01	03	50		3.2
		P*		03	55		
		i		04	33		
		S*		04	37		
	DDI	iP	01	03	51		3.1
		iS		04	29		
	NDI	eP	01	04	10	SW	4.5
		i		04	25		
		eSg		05	28		
	CHA	iP	01	05	09	C	
	SEH	iP	01	05	21		9.5
		iS		07	09		
		i		07	47		
		i		08	20		
		i		08	42		
	BOK	eP	01	05	30		10.3
		iS		07	28		
	SHL	iP	01	06	00	NW	12.4
		iS		08	20		
	BOM	iP	01	06	35	C	15.0
		PP		06	47		
		i		06	58		
		eS		09	23		
		i		10	47		
	VIS	iP	01	06	41	C	15.5
		eS		09	34		
	GOA	eP	01	06	55		
	MDR	eP	01	07	31		19.0
		PP		07	48		
		PP		07	56		
		eS		11	00		
		LQ		11	03		
		SS		11	24		
		SSS		11	39		
	KOD	iP	01	08	03	RNW	
		e		08	04		
		i		14	44		
	CAL	eS	01	08	18	SE	
		i		10	05		
05	NDI	i	02	37	47		
05	NDI	iP	04	02	44	CSE.	
	SHL	iP	04	03	36	C	
05	KOD	iP	04	05	31.3		
05	NDI	eSg	04	34	51		
05	SHL	iP	04	44	56	CW	
	KOD	eP	04	45	46	RNE	
05	NDI	e	04	56	03		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
05	CHA	iPg	06	56	14.1	C	1.3
		Sg		56	30.6		
05	SHL	eP	08	19	34		
05	BOK	e	09	38	59		
05	SHL	iP	15	49	03	NWC	
	NDI	e	15	50	20		
05	NDI	e	20	08	48		
		e		09	46		
	KOD	iP	20	09	35.4	CW	
05	NDI	iP	20	13	56	CNW	2.6
		iS		14	29		
05	SHL	iP	22	07	20	SW	
06	NDI	e	02	39	46		
06	CHA	ePg	05	12	57.5		1.6
		Sg		13	18.1		
06	SHL	iP	08	13	01	CNE	
06	SHL	iP	11	01	36	C	
06	NDI	eP	11	15	43		
		e		16	34		
06	POO	eP	12	05	58		
		i		06	12		
	BOM	iPn	12	06	08.5		1.7
		P*		06	09.3		
		eSn		06	31.5		
		S*		06	32.1		
06	NDI	eP	13	15	03		8.6
		eS		16	42		
06	SHL	iP	13	58	16		
06	NDI	eP	14	58	07		
		i		58	45		
	POO	eP	14	58	12		
06	SHL	iP	18	04	39		
06	RBA	eP	18	52	26.4		1.2
		iS		52	43.4		
06	PBA	e	19	30	34		
06	SHL	iP	19	42	16	C	
	NDI	eP	19	43	18	C	
	POO	eP	19	44	16		
06	SHL	iP	20	28	24	CNW	
	NDI	eP	20	29	26		
	POO	eP	20	30	24		
06	CHA	iPg	20	58	26.1	C	0.6
		Sg		58	33.8		

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
06	SHL	iP	21	15	20		CSW
	CHA	iP	21	15	35		C
	NDI	e	21	15	58		
	POO	eP	21	16	52		
06	NDI	e	22	36	54		
07	BHK	i	02	24	03.2		
		i		24	59.6		

07 Epc: 50.6°N, 171.3°W, Aleutian Islands Region, felt on ADAK.
H = 02h 13m 05.1s, depth 39 R.
Mag. 7.0 (BRK), 6.5(CGS).

SHL	iP	02	24	42	E	74.3
	PP		27	34		
	iS		34	16		
	PS		34	53		
	SS		39	14		
CHA	iP	02	24	53		76.6
	S		34	39		
	SKS_1		34	51		
	SS		39	37		
	SSS		43	12		
DDI	iP	02	25	07		78.6
	PP		28	18		
	PPP		30	11		
	iS		35	04		
	i		39	47		
CAL	iP	02	25	10		NE78.5
	iS		35	06		
NDI	iP	02	25	15	RNE	79.6
	PcP		25	27		
	PP		28	20		
	PPP		30	10		
	iS		35	17		
	SS		40	20		
	SSS		44	11		
VIS	iP	02	25	42	E	85.2
	ePPP		31	06		
	iSKS		36	05		
	iS		36	12		
POO	eP	02	26	04		89.0
	PP		29	43		
	PPP		31	42		
	eS		36	51		
BOM	iP	02	26	07	RNE	90.0
	PcP		26	08		
	PP		29	42		
	PPP		31	41		
	SKS		36	37		
	iS		36	59		
	PS		38	07		
	PPS		38	37		
	ScS		51	21		

07	KOD	eP	02	26	26	SW	93.5
		i		26	30		
		PP		29	55		
		iS		37	00		
		i		37	01		
		i		37	02		
		PPP		36	44		
	MDR	e	02	27	10		
		i		30	51		
		i		32	55		
		i		37	38		
		i		38	02		
07	PBA	i	02	35	59		
07	SHL	iP	03	19	02		C
	KOD	iP	03	19	54.5	RN	
		i	0	19	55		
07	NDI	e	06	09	40		

07 Epc: 42.3°N, 85.0°E, Northern Sinkiang Province, China,
Depth = 37 Kms (CGS),
H = 10h 28m 29.6s (USCGS).

NDI	eP	10	31	59	CS
SHL	iP	10	32	34	SE
07 SHL	iP	13	06	34	SW
07 NDI	e	14	12	52	
07 SHL	iP	14	24	20	
07 CHA	i	17	56	35	

07 Epc: 31.8°N, 114.5°W, Gulf of California, felt Widely in Southern California, Arizona and northern Mexico. Depth = 33 Kms (CGS).
H=17h 36m 26.7 (USCGS).
Mag. = 6.3 (CGS), $6\frac{1}{4}$-$6\frac{1}{2}$(PAS), 6.7-7.0(BRK).

NDI	ePP	17	56	42	C
	i		59	09	
BOK	ePP	17	56	52	
	e		59	30	
	eSKS	18	02	24	
POO	e	17	59	03	
DDI	i	18	06	02	
	i		53	37	
BOM	e	18	10	21	
	ee		35	32	
07 MDR	e	18	16	05	
	e		34	45	

07 Epc: 42.3°N, 143.0°E, HOKKAIDO, Japan Region,
Depth = 66 Kms (CGS),
H = 20h 18m 41.5s (USCGS).
Mag. 5.1 (CGS)

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H. M. S.		Δ Deg.
07	SHL	iP	20 26 51	CW	
	CHA	iP	20 27 16	C	
	NDI	iP	20 28 01	CSW	
	POO	iP	20 28 59.5	C	
	KOD	iP	20 29 18.2		
		i	29 18.7		
08	Epc: 5.7°S, 133.8°E, Aroe Islands Region, Depth= 15 Kms. H=00h 24m 27s(USCGS).				
	SHL	iP	00 33 30	C	
	CHA	e	00 34 06		
	KOD	eP	00 34 23	RSW	
	NDI	e	00 35 02		
	SHL	i	00 45 01	C	
08	SHL	iP	01 45 50	C	2.4
		iS	46 20		
08	CHA	iPg	04 43 59.3		0.6
		Sg	44 6.7		
08	SHL	eP	07 36 19		
08	BOK	e	08 12 24		
08	KOD	eP	08 22 36	CS	1.0
		i	22 36.3		
08	BHK	e	09 05 15		
08	BOM	e	09 23		
08	POO	eP	10 16 57		
08	NDI	eP	10 17 08		
		i	17 13		
08	NDI	eP	11 30 50		
08	SHL	iP	11 33 42		1.9
		e	34 07		
08	SHL	eP	12 50 01		
08	CHA	iPg	17 25 01.1		
		Sg	25 18.1		
08	NDI	e	22 53 40		
09	NDI	e	03 59 20		
		e	04 00 01		
09	BOK	e	08 45 26		
09	SHL	iP	10 09 43	CS	
09	SHL	iP	11 32 13		
09	NDI	ePg	15 32 02		0.22
		iSg	32 04.8		
09	NDI	e	17 11 33		
09	SHL	iP	17 58 26	CW	2.2
		eS	17 58 54		
	CHA	iP	17 59 28	C	
	BOK	e	17 59 46		
	NDI	eP	18 01 24		14.7
		eS	04 09		
09	PBA	ePg	18 10 21		0.3
		iSg	10 25.1		
09	NDI	eP	19 27 36		
09	SHL	iP	22 38 17		
10	SHL	eP	03 23 10		7.9
		iS	24 41		
	CHA	iP	03 23 19		7.9
		i	23 36		
		S	24 50		
	BOK	e	03 24 23		
		i	25 33		
	NDI	e	03 24 50		
		e	27 03		
	POO	eP	03 26 30		
		e	34 05		
	CAL	i	03 26 45		
10	Epc: 20.1°S, 175.3°W, Tonga Islands, depth = 96 Kms (CGS). H = 05h 01m 09.4s (USCGS). Mag. = 5.8 (CGS), 6½ (PAS), 5.2-5.6(BRK).				
	SHL	ePP	05 18 52		
		i	21 20		
	CHA	ePP	05 19 26		
	KOD	iPKP	05 19 32	C	
	NDI	ePKP	05 19 39		
	POO	ePKP	05 19 41		
10	BOK	i	05 25 44		
10	NDI	e	06 17 42		
10	NDI	eP	06 36 17		7.4
		eS	37 41		
10	KOD	eP	07 45 23	CNW	
		e	45 24		
10	BOK	e	09 29 38		
10	SHL	iP	12 44 25	CSE	
	CHA	e	12 44 52		
	KOD	iP	12 45 27	C	
	NDI	eP	12 45 44	C	
	POO	eP	12 45 50		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
10	BHK	i	12	45	53.5		
		e	13	49	53		
10	SHL	iP	13	17	59	CW	
10	NDI	eP	14	33	39		
10	SHL	iP	14	36	33		
10	NDI	eP	15	31	05		
	SHL	eP	15	32	40		
10	NDI	e	15	54	12		
10	NDI	e	15	56	15		
10	SHL	iP	16	08	21	C	
	NDI	e	16	09	09		
10	SHL	iP	18	07	28	SW	
10	PBA	iP	20	12	12.1		1.7
		iS		12	34.1		
10	NDI	eP	21	02	10		
		e		03	30		
10	BOK	e	21	08	21		
10	NDI	e	21	14	06		
10	SHL	iP	22	03	23	CE	
	CHA	iP	22	04	12.1		3.7
		S		04	57.2		

10 Epc: 38.4°N, 69.6°E, TADZHIK SSR. H = 22h 05m 35.0s, depth 44 Kms (USCGS).
Mag. 5.5 (CGS).

	BHK	eP	22	07	49		9.0
		i		08	18		
		i		09	13		
		eS		09	32		
	NDI	eP	22	08	24		11.2
		eS		10	31		
		SSS		10	56		
	SEH	eP	22	09	29		16.3
		eS		12	30		
	CHA	iP	22	10	01		
	BOK	eP	22	10	12		20.0
		iS		13	52		
	POO	eP	22	10	13		
		e		14	07		
	SHL	iP	22	10	39	NE	23.2
		eS		14	48		
	VIS	iP	22	10	57		
	DDI	i	22	11	26		
	KOD	e	22	11	38	SN	
	CAL	i	22	13	49		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
10	BOM	e	22	16	11		
		e		16	53		
	MDR	eP	22	17	17		
		i		19	57		
11	BOM	e	00	30			
11	NDI	eP	02	07	56		8.7
		eS		09	36		
11	NDI	eP	05	29	07	R	
	POO	e	05	31	35		
11	NDI	e	06	40	27		
		e		42	32		
11	BOK	e	08	27	21		
11	BOK	e	09	08	27		
11	TOC	eP	09	32	44		
	SHL	iP	09	32	55	C	5.9
		iS		34	04		
11	SHL	iP	10	55	42		2.0
		iS		56	08		
	TOC	e	10	55	56		
	CHA	iP	10	57	47		
	POO	eP	10	58	54		
	KOD	iP	10	59	19	CNE	
11	SHL	iP	11	57	35	CNE	
11	NDI	iP	11	58	04	CSW	
11	NDI	e	12	44	37		
11	NDI	e	12	56	28		
11	CHA	iPg	14	51	09.9	C	0.6
		Sg		51	17.6		
11	SHL	iP	15	10	55	CE	
11	POO	e	23	55	16		
12	CHA	ePg	00	00	35		2.1
		iSg		01	02		
12	NDI	e	02	54	44		
12	SHL	iP	03	10	32	C	2.8
		iS		11	07		
12	NDI	eP	10	52	36		7.0
		eS		53	57		
12	SHL	iPg	14	16	17		0.9
		eSg		16	29		
12	SHL	iP	16	59	41	NE	
12	TOC	e	17	27	24		
		e		27	50		
		i		28	05		
	SHL	iP	17	27	41		6.4
		eS		28	55		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
12	NDI	e	17	30	14		
12	Epc: 34.0°N, 137.2°E, Near S Coast of Honshu Japan, Depth = 324 Kms (CGS), H = 19h 22m 24.2s (USCGS). Mag. = 4.9 (CGS).						
	CHA	iP	19	29	59	C	
	NDI	iP	19	30	55	RNE	
	POO	iP	19	31	47		
	KOD	iP	19	31	56	RNE	2.0
		iSn		49	53.5		
12	SHL	eP	20	27	13		
	TOC	e	20	27	17		
12	SHL	iP	20	29	04	SE	
	TOC	e	20	29	21		
	CHA	iPg	20	29	14.3	C	2.5
		i		29	24.2		
	NDI	iP	20	29	29	RSE	
		i		29	40		
	POO	eP	20	30	18		
12	TOC	eP	21	16	01		
	SHL	iP	21	16	16	CNW	
	CHA	iP	21	16	50		
	NDI	e	21	17	42		
		e		17	45		
12	NDI	ePg	22	02	55		0.20
		Sg		02	57.5		
12	TOC	e	23	06	56		
12	SHL	iP	23	08	52	CS	1.5
		iS		09	12		
13	SHL	iP	01	53	31		
14	SHL	eP	07	54	14		1.0
		eS		54	27		
	BOK	e	07	54	15		
	CHA	eP	07	54	57		3.4
		S		55	38		
	NDI	e	09	42	33		
		e		43	03		
13	NDI	e	10	21	26		
13	SHL	iP	11	52	18		
	TOC	i	11	52	39	E	
13	SHL	iP	17	04	30	C	
13	CHA	iPg	18	24	53.2	C	0.7
		Sg		25	02.1		
13	SHL	iPg	20	33	49	CSW	
		iSg		33	57		
13	CHA	iPg	21	16	50.2		1.0
		Sg		17	03.5		
13	SHL	iP	22	42	27		3.2
		iS		43	06		
14	NDI	e	04	39	32		
14	SHL	eP	05	04	09		
14	Epc: 38.3°N, 73.7°E, Tadzhik - Sinkiang Border Region. Depth = 102 Kms (CGS), H = 05h 08m 30.8s (USCGS). Mag. = 5.1 (CGS).						
	DDI	eP	05	10	38		8.8
		i		12	09		
		iS		12	18		
	NDI	eP	05	10	53		9.7
		iS		12	40		
	CHA	eP	05	12	13		
		e		18	16		
	POO	eP	05	12	54		
	SHL	iP	05	12	58	C	
14	SHL	iP	05	45	58	C	
14	POO	eP	05	47	25		
14	SHL	iP	11	21	42		
14	SHL	iPg	17	54	52		0.8
		iSg		55	02		
14	SHL	iP	19	38	13	C	
14	CHA	iPg	20	52	00.2	C	0.4
		Sg		52	11.2		
14	TOC	e	23	20	10		
		e		21	11		
		e		21	39		
	SHL	iP	23	20	38		
		i		22	05		
14	NDI	i	23	59	31		
15	SHL	iP	00	05	09	C	
15	CHA	iP	01	29	37	C	
	SHL	eP	01	30	16		3.4
		eS		30	57		
15	Epc: 28.7°N, 78.9°E, Northern India, Depth= 50 Kms (CGS), H = 02h 15m 33.8s (USCGS). Mag. = 5.8 (CGS).						
	NDI	iP	02	15	59	CSW	1.4
		iS*		16	17		
	DDI	iP	02	16	05	C	1.8
		eS		16	28		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
15	BHK	iPn	02	16	27.2		3.5
		P*		16	32.4		
		i		16	33.6		
		i		17	05.2		
		iSn		17	09.5		
		S*		17	19.5		
	SEH	ePn	02	16	56		5.2
		P*		17	05		
		Pg		17	18		
		i		17	30		
		iSn		17	57		
		S*		18	13		
		i		18	16		
		Sg		18	27		
		i		18	31		
	CHA	iP	02	17	22		7.7
		i		18	03		
		iS		18	49		
		i		18	57		
	POO	iP	02	18	08	C	10.1
		PP		18	16		
		PPP		18	24		
		eS		20	03		
		SS		20	15		
	BOM	iP	02	18	09	CW	10.4
		PP		18	16		
		PPP		18	24		
		LQ		19	56		
		eS		20	07		
		SS		20	20		
		LR		20	25		
		PcP		24	14		
	SHL	iP	02	18	20	W	11.1
		iS		20	26		
		SS		20	40		
		SSS		20	51		
	CAL	iP	02	18	10	NW	10.7
		i		19	52		
		iS		20	12		
	TOC	eP	02	18	48		12.6
		eS		21	11		
	MDR	eP	02	19	16		14.8
		LQ		21	48		
		iS		22	02		
		i		22	15		
	PBA	iP	02	20	20	C	22.2
		eS		24	21		
	HYD	eS	02	21	26		
		i		22	26		
	KOD	e	02	22	53	CNE	
		eS		23	06		
15	NDI	eP*	02	33	34		1.3
		eS*		33	51		

15 Epc: 13.3°N, 121.3°E, Mindoro, Philippine Islands, felt. Depth 14 Kms (CGS). H = 02h 45m 32.3s (USCGS). Mag. = 5.7 (CGS).

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
	PBA	eP	02	51	26		
		e		56	47		
		e		58	58		
	TOC	eP	02	51	39		
	SHL	iP	02	51	44	NW	30.3
		iS		56	44		
	CHA	iP	02	52	25	C	34.7
		iS		57	55		
	BOK	eP	02	52	29		36.1
		PP		53	52		
		eS		58	09		
		SS	03	00	31		
		LQ		00	42		
	HYD	e	02	53	07		40.8
		eP		53	20		
		eS		59	32		
		SS	03	02	56		
	NDI	eP	02	53	38		44.5
		eS	03	00	14		
	BHK	eP	02	53	49		
		e		53	55		
		i		58	13		
		e		59	28		
	POO	eP	02	53	56		
	BOM	iP	02	54	05	R	48.0
		i		54	15		
		PPP		56	46		
		iS	03	01	03		
		PS		01	10		
		PPS		01	16		
15	POO	e	03	00	44		
15	NDI	ePg	05	14	44		0.23
		eSg		14	47		
15	CHA	iPg	07	22	40.3	C	
15	KOD	iP	08	23	49		
		e		23	49	NW	
15	CHA	iPg	09	14	21.6		1.7
		Sg		14	44.4		
15	SHL	iP	09	14	33		

15 Epc: 3.8°N, 64.0°E CARLSBERG RIDGE. H= 10h 20m 42.2s, Depth 37 Kms. Mag. 5.6 (CGS).

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
	KOD	eP	10	24	10	S	
		i		27	17		
		i		27	38		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
15	BOM	iP	10	24	42	CNE	16.9
		i		24	46		
		PPP		25	03		
		eS		27	50		
		SS		28	10		
	POO	eP	10	24	45		
		e		28	10		
		e		28	54		
	MDR	iP	10	24	55	W	
		iSS		28	37		
		i		28	45		
	HYD	iP	10	25	10	N	
		PP		25	25		
		i		29	09		
	SEH	e	10	25	50		
	DDI	eP	10	26	31		
		e		26	40		
		eS		31	51		
		i		36	19		
	NDI	eP	10	26	31	CN	28.4
		eS		31	18		
	NDI	iSg	10	25	22		
	BOK	iP	10	26	42	CNE	30.0
		PcP		29	47		
		iS		31	40		
		LQ		33	04		
		SS		33	20		
	PBA	iP	10	26	48	C	
	BHK	iP	10	26	52	C	
		i		31	28		
	CHA	e	10	27	13		
	SHL	iP	10	27	30		36.1
		PP		28	52		
		iS		33	07		
	CAL	eP	10	27	58		
15	SHL	iP	11	00	15	C	
15	NDI	ePg	12	06	18		0.15
		eSg		06	20		

15 Epc: 29.8°N, 68.6°E, West Pakistan,
Depth = 31 Kms (CGS).
H = 12h 10m 49s (USCGS).
Mag. 4.7 (CGS).

	NDI	eP	12	12	38		7.4
		eS		14	03		
	DDI	iP	12	12	47	C	
		i		15	39		
	POO	eP	12	13	40		
	BOK	eP	12	14	42		
	CHA	e	12	15	16		
	SHL	iP	12	15	33		
	SEH	eS	12	16	31		
15	SHL	iP	13	48	47	CSW	
	CHA	iP	13	48	52	C	
	NDI	iP	13	48	57	CN	
		i		49	03		
	POO	eP	13	49	48		

16 Epc: 36.4°N, 70.8°E, Hindu Kush Region, felt Peshwara.
Depth = 199 Kms (CGS),
H = 02h 16m 19.7s (USCGS).
Mag. 5.7 (CGS).

	BHK	iP	02	17	58.6	NW	6.6
		i		18	59		
		i		19	10.4		
		iS		19	12		
	DDI	iP	02	18	21.4	C	8.5
		iS		19	53.7		
	NDI	iP	02	18	31	RNW	8.9
		iS		20	09		
	SEH	iP	02	19	32		14.0
		i		19	38		
		LQ		22	04		
		iS		22	08		
	CHA	iP	02	20	06	NW	16.9
		PP		20	18		
		LQ		23	00		
		S		23	03		
		i		23	26		
		i		25	01		
		PcP		25	12		
		i		25	44		
	BOM	iP	02	20	13	RN	18.0
		i		20	17		
		PP		20	25		
		PPP		20	34		
		i		22	06		
		iS		23	23		
		i		23	23		
		i		23	27		
		i		23	36		
		SS		23	42		
		PcP		24	57		
	POO	iP	02	20	20	R	18.3
		PP		20	33		
		eS		23	33		
		SS		24	06		
	BOK	iP	02	20	19	W	17.9
		PP		23	34		
		iS		23	29		
		i		23	53		
		i		24	17		
	HYD	iP	02	20	40		
		i		21	37		
		i		24	25		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
16	SHL	iP	02	20	50	W	21.8
		P		21	50		
		iS		24	32		
		SS		25	28		
	VIS	iP	02	20	58	WC	21.7
		PP		21	23		
		iS		24	42		
		iS		24	55		
		SS		25	33		
	TOC	iP	02	21	02		21.9
		eS		24	44		
	MDR	iP	02	21	26	DE	25.3
		eP		21	57		
		sP		22	05		
		PP		22	28		
		PPP		22	49		
		iS		25	34		
		i		26	13.		
		i		26	30		
		SS		26	46		
	KOD	iP	02	21	45	RN	
		i		27	26		
	PBA	iP	02	22	28		32.3
		iS		27	24		
16	NDI	e	04	02	16		
	SHL	eP	04	03	51		
16	CHA	iPg	04	30	59.9		1.0
		Sg		31	12.3		
16	SHL	eP	05	07	23		
16	NDI	iSg	06	17	12		
16	SHL	iP	06	23	10	C	
16	NDI	iSg	08	36	26		
16	BOK	e	09	00	00		
16	NDI	eP	09	47	24		
		e		48	36		
		e		49	11		
	BHK	i	09	47	35		
	CHA	i	09	50	33		
	POO	eP	09	50	47		
16	MDR	eP	13	49	17		21.7
		eS		53	13		
16	BHK	e	13	59	14		
16	MDR	eP	14	28	55		21.6
		PP		29	19		
		eS		32	50		
		SS		33	28		
		LR		34	03		
	NDI	e	14	31	05		
	BHK	i	14	38	52		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
16	MDR	e	15	06	41		
16	NDI	iSg	15	22	55.8		
16	NDI	e	17	07	32		
		e		08	00		
16	SHL	iP	17	12	07		2.4
		iSg		12	43		
	CHA	iP	17	13	06	C	6.8
		S		14	25		
16	NDI	e	18	45	54		
16	SHL	e	19	58	37		
	BOM	e	20	02	21		
		e		10	27		
		e		36	--		
	MDR	e	20	02	53		
		e		11	56		
	BHK	e	20	04	39		
		i		36	42		
	PBA	i	20	08	33		
16	SHL	iPg	22	17	29	C	0.8
		iSg		17	40		
16	SHL	eP	23	12	10		
16	NDI	iSg	23	20	12		
16	SHL	eP	23	54	38		1.3
		iS		54	56		
	CHA	iP	23	55	18		3.5
		PP		55	23.3		
		S		56	01.		
17	SHL	iPg	00	09	06	W	1.1
		iSg		09	20		
17	NDI	e	00	35	37		
		e		36	05		
17	BHK	eP	05	48	43		
	POO	iP	05	50	17	C	
17	NDI	e	06	20	18		
17	NDI	e	09	35	44		
17	SHL	iP	11	57	05		3.0
		eS		57	42		
17	BHK	iP	12	00	18	C	
	KOD	eP	12	00	50	CNW	
		i		00	50.5		
	POO	eP	12	01	34		
	NDI	iP	12	01	45	C	
17	PBA	eP	14	21	01		
17	SHL	iP	14	46	49	C	
17	SHL	iP	17	47	48	C	
17	POO	eP	17	49	40		

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
17	NDI	ePg	19	16	59.3		SEC0.38
		iSg		17	03.3		
17	Epc: 5.0°S, 125.2°E, Banda Sea, Depth = 538 Kms (CGS). H = 19h 54m 10.2s (USCGS), Mag. = 5.6 (CGS).						
	PBA	eP	20	00	30		
	SHL	iP	20	01	34		NW 43.4
		eS		07	25		
	TOC	eP	20	01	42		
	MDR	iP	20	02	03		DW 47.5
		es		08	18		
	KOD	iP	20	02	15		RSE
	POO	iP	20	02	56		
		e		04	42		
		e		11	43		
	BOM	eP	20	03	03		56.0
		eS		10	11		
		e		11	56		
17	NDI	iP	20	03	04		
		i		03	16		
	BOK	e	20	03	45		
		i		08	15		
17	PBA	i	20	05	28		N
		i		09	42		
17	KOD	iP	20	06	30.5		RSW
		e		06	31		
17	NDI	e	20	10	14		
		e		11	55		
17	VIS	iP	21	02	05		
17	SHL	iP	21	09	21		CSW
	BHK	i	21	09	51		
	NDI	eP	21	10	00		
	POO	eP	21	10	54		
		e		21	06		
	BOM	eP	21	10	56		81.6
		eS		21	08		
		e		47			
	KOD	eP	21	11	18		RNW
		i		11	18.3		
17	NDI	e	23	26	40		
18	Epc: 1.7°S, 100.6°E, Southern Sumatra, Depth = 49 Kms (CGS). H=00h 05m 04.9s (USCGS). Mag. = 5.3 (CGS).						
	KOD	iP	00	10	41.8		R
	SHL	iP	00	11	00		C
18	POO	eP	00	11	31		
	NDI	e	00	12	20		
18	NDI	ePn	03	07	44		2.2
		iSn		08	12		
18	NDI	e	03	11	45		
	POO	eP	03	11	53		
18	NDI	i	04	54	34		
18	SHL	iP	06	49	00		C
	CHA	iP	06	49	13		
	NDI	eP	06	49	38		
	POO	eP	06	50	31		
	KOD	iP	06	50	54.5		R
18	BOK	e	08	53	23		
18	BOK	e	09	51	23		
18	NDI	e	10	34	03		
		e		35	26		
18	Epc: 14.6°N, 91.7°W, Guatemala, felt at Sansalvador. Depth = 76 Kms (CGS), H = 10h 33m 16.5s (USCGS). Mag. = 5.9 (CGS), 6.0 (Pas), 5.9-6.2 (BRK), 6-6¼ (PAL).						
	DDI	ePKP	10	52	25		
		i		55	59		
	BHK	iPKP	10	52	26		C
		PP		54	45		
		i		55	51		
	SHL	iPKP	10	52	30		C
		i		56	14		
	NDI	ePKP	10	52	31		134.0
		i		52	49		
		PP		55	04		
		i		56	00		
		i		56	40		
	CHA	iPKP	10	52	38		C
		i		56	15		
	BOM	ePKP	10	52	43		
		e		53	18		
		e		55	55		
		e	11	42	-		
	POO	ePKP	10	52	43		
		i		55	58		
		e	11	03	18		
	BOK	e	10	52	46		
	HYD	i	10	52	51		
	MDR	e	10	52	59		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H. M. S.		△ Deg.
18	MDR	e	10 53 05		
		e	53 05		
		e	53 17		
		e	53 34		
		e	11 04 34		
	KOD	ePKP	10 53 02	RNE	
		i	53 02.2		
		i	53 04.6		
	PBA	iPKP	10 53 02		
18	VIS	iP	11 52 52	C	

18 Epc: (i) 0.2°S, 125.1°E, Molucca Sea.
H = 14h 33m 59.8s. Depth 56 Kms. Mag. 6.3 (CGS).

(ii) 0.1°S, 125.1°E, Mohicca Sea. H = 14h 37m 53s. depth 33r. Mag. 6.3 (CGS).

PBA	iP	14 40 42			
	i	42 43			
	e	46 28			
TOC	eP	14 41 34			
SHL	iP	14 41 39	CNW	40.4	
	PP	43 20			
	eS	47 48			
BOK	iP	14 42 11	CWN	46.2	
	PcP	43 35			
	PP	43 59			
	i	44 41			
	eS	48 57			
	PS	49 16			
	SS	52 31			
VIS	iP	14 42 10	W	45.5	
	PcP	43 47			
	iPP	43 57			
	ePS	48 57			
	PPS	49 04			
	SS	52 05			
	SSS	53 06			
CHA	iP	14 42 15			
	i	43 55			
	iP_2	46 08			
MDR	eP	14 42 22		45.8	
	PcP	44 00			
	PP	44 10			
	PPP	44 51			
	i	46 18			
	e	47 54			
	iS	49 04			
	PS	49 15			
	SS	52 22			
KOD	iP	14 42 39	RSE	47.2	
	PcP	44 03.4			
	PP	44 30			
	PPP	45 20.4			

Contd.

18	KOD	eS	14 45 20.4		
		PS	49 40		
		PPS	49 48		
		ScS	52 18		
		SS	52 56		
	SEH	eP	14 43 09		
		e	47 03		
	POO	eP	14 43 15		56.5
		ePP	45 2.2		
		e	51 07		
	NDI	iP	14 43 17	C	
		iP_2	47 13		
	DDI	eP	14 43 20		
		i	44 27		
		iP	47 14		
		i	53 02		
	BOM	eP	14 43 23		
		PP	45 31		
		e	51 17		
	BHK	iP	14 43 34		56.2
		iP	43 34		
		PP	45 45		
		i	47 24		
		S	51 17		
		PS	51 29		
		ScS	53 13		
		SS	55 05		
		i	56 25		
		SSS	57 43		
	HYD	iP	14 44 42		
		i	48 06		
18	SHL	iP	15 15 14	C	
18	CHA	iPg	15 23 39.3	C	1.2
		eSg	23 44.6		
18	CAL	i	15 41 56		

18 Epc: 4.3°S, 138.4°E, Western New Guinea, Depth = 155 Kms (CGS).
H = 15h 42m 42.7s (USCGS).
Mag.= 5.4 (CGS).

SHL	iP	15 51 53	NE	
CHA	iP	15 52 23	C	
KOD	iP	15 52 52.8	CSW	
NDI	eP	15 53 21		
	i	54 14		
POO	eP	15 53 24		
18 POO	eP	17 25 10		
18 CHA	i	17 51 30.3		
18 CHA	iPg	17 54 55.8	C	1.1
	Sg	55 09.5		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
18	NDI	ePg	18	14	27		0.15
		eSg		14	29		
18	CHA	iPg	18	15	20.6	C	1.4
		Sg		15	39.1		
	CHA	i	18	26	42		
18	NDI	e	20	05	19		
		e		07	03		
18	NDI	e	21	38	28		
18	SHL	iP	22	05	14	W	2.8
		iS		05	49		
	TOC	e	22	05	36		
18	NDI	e	22	16	51		
18	NDI	iSg	23	12	13		
19	SHL	iP	02	56	41		2.2
		iS		57	09		
	TOC	e	02	57	09		
19	NDI	i	03	57	45		
19	NDI	eP	05	55	00		
	BHK	e	05	55	02		
19	SHL	iP	05	57	51		
19	BOK	e	05	59	55		
19	BOK	e	09	00	07		

19 Epc: 39.2°N; 41.7°E, Turkey, More than 3000 Killed, many injured, with major property damage in Erzurum, Bingol, Mus, and Hitlis provinces.
H = 12h 22m 09.6s, depth 26 R.
Mag. 7 (Pas), 6.7-6.9(Brk), 6¾(Pal). 6.7(CGS, Surface waves), 6.1 (CGS).

BHK	iP	12	28	15		30.0
	PP		29	16		
	PPP		29	32		
	PcP		31	02		
	iS		33	13		
NDI	iP	12	28	29	CSE	31.6
	PPP		29	44		
	iS		33	38		
	PcS		35	02		
DDI	eP	12	28	30		31.6
	PP		29	45		
	PPP		29	59		
	iS		33	39		
	SS		35	11		
	SSS		35	44		
BOM	eP	12	28	50		33.3
	i		28	53		
	PP		30	01		
	PPP		30	16		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
Contd.							
19	BOM	iS	12	34	10		
		PcS		35	17		
		SS		36	12		
		SSS		36	35		
		i		36	39		
	SEH	eP	12	28	55		
		i		29	03		
	POO	iP	12	28	58.5		35.5
		e		30	31		
		iS		34	34		
		e		36	29		
	GOA	eP	12	29	19		
	HYD	iP	12	29	36		38.5
		PP		31	31		
		iS		35	33		
		SS		37	51		
		SSS		38	36		
	CHA	iP	12	29	45	CW	40.4
		PcP		31	33		
		S		35	54		
		i		36	07		
		i		36	32		
		LQ		39	05		
		i		40	22		
		i		44	10		
	BOK	iP	12	29	49	W	40.4
		PP		31	24		
		PcP		35	29		
		iS		35	58		
	VIS	iP	12	30	01		40.7
		i		32	04		
		ePPP		32	30		
		eS		36	12		
	MDR	eP	12	30	08		43.6
		PP		31	53		
		PcP		31	55		
		PPP		32	30		
		iS		36	38		
		PS		36	48		
		SS		39	53		
		LQ		40	13		
		SSS		40	39		
	KOD	eP	12	30	11		43.0
		iS		36	37		
	CAL	iP	12	30	14	NE	
		PP		32	01		
		PPP		32	32		
		i		36	31		
	SHL	iP	12	30	16	CSE	42.8
		PP		31	48		
		PPP		32	30		
		iS		36	41		
	PBA	iP	12	31	25	C	
		i		39	09		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.		DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
19	PBA	i	12	41	42			20	NDI	iP	08	02	53.5		RSE
		i		49	45										
19	CHA	iP	12	54	53		C	20	POO	eP	08	02	59		
	NDI	eP	12	55	45		CNE		SHL	iP	08	03	10		
	MDR	eP	12	56	26				CHA	iP	08	03	14		
19	EPC: 39.2°N, 41.1°E, Turkey, Depth =33Kms(CGS). H=13h 15m 10.1s(USCGS) Mag.=5.1(CGS).							20	BOK	e	08	31	19		
								20	CHA	iP	08	34	45		C
	NDI	eP	13	21	29		C	20	DDI	eP	08	41	16		
	CHA	eP	13	22	45			20	BOK	e	09	26	20		
	SHL	iP	13	23	17			20	Epc: 43.1°N, 140.6°E, Hokkaido, Japan Region, Feet at Hokkaido, depth = 161 Kms (CGS), H=09h 32m 31.7s (USCGS). Mag. = 5.8(CGS), 6¼(PAS).						
19	CHA	iPg	13	32	25.7		C 2.0								
		Sg		32	51.5			20	SHL	iP	09	40	18		43.3
	SHL	iP	13	33	31		C		CHA	iP	09	40	43		46.5
19	NDI	iP	14	00	42		CNW			PcP		42	15		
	POO	eP	14	01	12					S		47	20		
	CHA	iP	14	01	57		C		TOC	e	09	40	52		
	MDR	e	14	02	22				BHK	i	09	41	21		
	SHL	iP	14	02	30				NDI	iP	09	41	27		SW
19	NDI	eP	14	24	19		CS		MDR	e	09	42	23		
	POO	iP	14	24	48.5		C			e		43	03		
	CHA	iP	14	25	30					e		50	22		
	SHL	iP	14	26	06		C		POO	eP	09	42	27		61.2
19	NDI	iSg	18	35	56					eS		50	33		
19	NDI	iP	18	47	34				KOD	iP	09	42	46.5		NE
	CHA	iP	18	48	51					i		42	47		
	SHL	iP	18	49	22		C		DDI	i	09	48	16		
19	BOK	e	18	52	09				PBA	i	09	48	36		
19	CHA	eP	18	53	01		3.2			i		50	55		
		S		53	40				NDI	eP	09	48	38		
19	NDI	eP	21	38	47		8.9	20	BOK	e	10	01	37		
		eS		40	29			20	SHL	iP	11	37	29		C
19	CHA	iPg	22	29	07.9			20	Epc: 4.0°S, 102.7°E, Southern Sumatra, depth = 111 kms (CGS). H = 11h 31m 20s (USCGS). Mag. 5.4(CGS).						
19	CHA	iPg	22	34	47.4										
20	SHL	ePg	01	03	13		0.8		NDI	iP	11	38	50		CNW
		iSg		03	24			20	EPC: 39.3°N, 40.9°E, Turkey, 25 killed in Vorto Area. (i) Depth = 37 Kms, H= 11h 59m 12.1s (USCGS). Mag. = 5.4(CGS). (ii) Epc: 39.0°N, 40.9°E, Turkey. Depth = 33 Kms. H=12h 01m 43s(USCGS). Mag. 5.4(CGS).						
	TOC	e	01	03	42										
		e		03	54										
	CHA	iP	01	04	11		C 6.4								
		S		05	25										
		$*		05	48										
20	NDI	e	01	08	49										
20	NDI	e	03	00	05										
20	DDI	iP	07	02	51.5		C								
		i		03	22.5										
20	KOD	eP	07	11	35		CNE		BHK	eP	12	05	20		29.0
		e		11	37					eS		10	09		
		e		11	39					i		10	45		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
20	DDI	eP	12	05	33		30.8
		ePP		06	26		
		eS		10	37		
		eSS		11	57		
	NDI	iP	12	05	35	RNW	31.7
		iS		10	45		
		PcS		12	09		
		SS		12	32		
	BOM	iP	12	05	57	RW	34.0
		PPP		07	28		
		PcP		08	35		
		eS		11	22		
		LQ		13	24		
		SS		13	28		
	POO	eP	12	06	05		35.7
		PP		07	27		
		eS		11	42		
	HYD	eP	12	06	40		39.0
		iS		12	40		
		SS		15	14		
	CHA	iP	12	06	49	C	40.3
		i		09	31		
		S		12	57		
		i		13	31		
		i		15	03		
		SS		15	31		
		i		17	04		
	BOK	iP	12	06	53	E	40.7
		PP		08	35		
		PcP		08	47		
		PPP		09	04		
		iS		13	04		
		PS		13	08		
		SS		16	06		
	KOD	iP	12	07	15	SE	43.7
		i		07	15		
		PcS		08	54		
		PP		08	58		
		PPP		09	42		
		eS		13	46		
		e		13	47		
		PS		13	54		
		PPS		14	03		
		SS		16	50		
		LQ		16	56		
		SSS		17	52		
	MDR	eP	12	07	16		42.8
		PP		09	00		
		PPP		09	30		
		e		09	45		
		eS		13	41		
		SS		16	54		
	SHL	iP	12	07	21	CSE	44.3
		iS		13	56		
		SS		16	23		
		SSS		17	15		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
20	TOC	eP	12	07	39		
	BOM	eP	12	08	29		
	PBA	iP	12	08	31		53.8
		iS		16	05		
	CAL	i	12	13	51		
	KOD	i	12	15	24		
		i		15	25		
20	NDI	e	13	06	08		
20	NDI	e	13	21	16		
20	PBA	iP	15	30	01		
20	PBA	eP	15	37	01		
20	NDI	e	17	10	28		
20	NDI	e	23	13	39		
20	BHK	e	23	14	48		
		i		24	44		
21	PBA	ePg	00	08	06.7		0.9
		iSg		08	17.7		
21	POO	eP	01	39	02		

21 Epc: 8.5°N, 126.7°E.
Mindanao, Philippine Islands.
Depth = 67 Kms (CGS).
H = 05h 00m 26.8s. (USCGS).
Mag. = 6.0 (CGS).
6.6 6.9 (BRK).

	PBA	iP	05	07	02	C	
		i		08	19		
		i		12	48		
	SHL	iP	05	07	34	CNW	37.2
		PPP		09	22		
		iS		13	15		
		ScP		13	32		
		SSS		16	16		
	CHA	iP	05	08	12	C	41.7
		S		14	24		
		i		14	47		
	BOK	iP	05	08	13	CW	42.0
		PcP		10	08		
		iS		14	27		
		PS		14	35		
	VIS	iP	05	08	26	W	
		i		15	17		
	MDR	iP	05	08	45	CE	47.6
		i		08	59		
		PcP		10	17		
		PP		10	35		
		PPP		11	17		
		eS		15	33		
	KOD	iP	05	09	06		48.0
		PcP		10	34		
		PP		10	55		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
21	KOD	PPP	05	11	46		
		PcS		14	23		
		iS		15	58		
		i		16	03		
		PS		16	01		
		PPS		16	10		
		ScS		18	49		
		SS		19	17		
		LQ		20	21		
		SSS		20	30		
	SEH	iP	05	09	15	E	
	DDI	eP	05	09	19		50.3
		iS		16	25		
	NDI	iP	05	09	19		50.7
		iS		16	27		
	BHK	iP	05	09	30		
		i		16	52		
	POO	iP	05	09	33	C	
		PP		11	37		
		e		17	11		
		e		21	12		
	BOM	iP	05	09	39	WC	53.3
		e		09	54		
		PP		11	39		
		eS		17	04		
		PS		17	13		
		PPS		17	20		
	HYD	eS	05	15	50		
21	NDI	e	06	05	30		
21	SHL	iP	06	47	31	SE	
21	NDI	e	08	16	33		
21	SHL	eP	10	32	16		2.4
		iS		32	46		
	TOC	e	10	32	36		
21	NDI	eP	11	45	20		8.4
		iS		46	56		
21	NDI	e	12	41	47		
21	PBA	e	15	28	31		
21	KOD	eP	15	33	10	CNE	
		i		33	10.7		
		e		33	11		
21	POO	eP	15	35	53		
21	KOD	iP	18	42	31	RW	
		e		42	32		
21	Epc: 28.9°N, 132.0°E, East of Ryukyu Islands. Depth = 34 Kms (CGS), H = 20h 25m 36.2s (USCGS). Mag. = 5.4 (CGS).						
	NDI	iP	20	34	10.5		
21	POO	eP	20	35	00		
21	KOD	iP	20	35	03	N	
		e		35	03		
22	CAL	i	05	07	55		
22	PBA	i	08	12	13		
22	NDI	iSg	08	17	47.6		
22	BOK	e	08	23	51		
22	CHA	iPg	11	48	53.3	C	0.8
		Sg		48	45,7		
22	BOK	e	12	08	26		
22	BOK	e	12	26	33		
22	Epc: 50.3°N, 147.6°E, Sea of OHOTSK, Depth 628 Kms (CGS). H = 14h 21m 13.7s (USCGS). Mag. = 5.2 (CGS), 5.2-5.6(BRK).						
	CHA	iP	14	29	24		
	NDI	iP	14	29	57	NNE	
	PBA	i	14	30	16		
	POO	iP	14	30	58.6	R	
	MDR	i	14	30	59		
	KOD	iP	14	31	22.8	NE	
		i		31	23		
22	Epc: 1.8°S, 134.2°E, West New Guinea Region. Depth= 13 Kms (CGS). H = 17h 02m 03.5s (USCGS). Mag. = 5.9 (CGS).						
	CHA	iP	17	11	31		
	MDR	eP	17	11	40		55.3
		eS		19	23		
		PS		19	33		
	KOD	iP	17	11	57	CW	57.2
		iS		19	52		
	NDI	eP	17	12	26	C	62.0
		eS		20	50		
	POO	eP	17	12	27		
		e		20	49		
	BHK	eP	17	12	39		63.7
		PcP		17	00		
		S		21	13		
		ScS		22	16		
	BOK	e	17	18	54		
22	DDI	iS	17	21	01		
22	Epc: 22.4°S, 170.6°E, Loyalty Islands Region. Depth = 39 Kms (CGS). H=17h 42m 10.6s (USCGS). Mag.=5.5(CGS),6.7-7.1(BRK).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
26	06	2	0.4	4.3
		2	0.2	2.6
	12	2	0.2	2.6
	~~12~~	2	0.4	4.1
	18	2	0.4	4.1
		2	0.2	2.5
27	00	2	0.4	4.4
		2	0.2	2.4
	03	2	0.5	2.5
	06	2	0.6	2.5
	12	2	0.5	2.7
	18	2	0.4	2.8
28	00	3	0.3	1.6
	03	3	0.5	1.9
	06	2	0.5	3.0
		3	0.2	1.7
	12	2	0.5	3.1
	18	2	0.5	3.0
29	00	2	0.4	3.0
	03	2	0.6	4.1
		2	0.6	2.8
	06	2	0.6	3.9
		2	0.6	2.9
	12	2	0.6	4.1
		2	0.6	2.9
	18	2	0.7	4.4
		2	0.5	2.8
30	00	2	0.7	4.3
		2	0.4	2.7
	03	3	0.4	2.7
	06	3	0.5	3.7
		3	0.5	2.8
	12	3	0.6	3.9
		3	0.4	2.7
	18	3	0.6	4.2
		3	0.5	2.7
31	00	3	0.6	4.0
		3	0.5	2.8
	03	3	0.5	3.7
		2	0.5	2.8
	06	3	0.6	3.7
		2	0.5	2.8
	12	2	0.7	3.8
		2	0.6	2.8
	18	2	0.6	3.7
		2	0.6	2.9
Station: PORT BLAIR				
01	00	3	1.2	3.
	06	3	1.2	3
	12	3	1.2	3
			0.8	7
	18	3	1.2	3
			1.2	7

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
02	00	3	0.8	3
			1.6	7
	06	3	0.8	3
			2.0	7
	12	3	0.8	3
			2.0	7
	18	3	0.8	3
			2.4	7
03	00	3	0.8	3
			0.8	7
	06	...	-	-
	12	...	-	-
	18	3	1.2	3
			2.0	7
04	00	3	1.2	3
			2.0	7
	06	3	1.2	3
			2.0	7
	12	3	1.2	3
			1.2	7
	18	3	0.8	3
			1.2	7
05	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
	18	3	1.6	3
06	00	3	1.6	3
	06	3	1.6	3
	12	3	1.2	3
	18	3	1.2	3
07	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
08	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
			0.8	7
	18	3	1.2	3
			0.8	7
09	00	3	0.8	3
			0.8	7
	06	3	0.8	7
			0.8	6
	12	3	0.8	3
			0.8	7
	18	3	1.2	3
			0.8	7
10	00	...	-	-
	06	3	0.8	3
			0.8	7

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
11	00	2	1.2	5.0
		3	0.2	1.6
	03	2	1.0	5.0
		3	0.3	1.9
	06	...	No record	
	12	2	1.1	3.0
		3	0.3	2.5
	18	2	0.9	5.0
12	00	2	0.9	5.0
		3	0.2	2.4
	03	2	0.9	5.0
		3	0.2	2.3
	06	...	No record	
	12	2	0.7	5.0
	18	2	0.7	5.0
13	00	2	0.7	4.8
	03	...	No record	
	06	...	No record	
	12	...	No record	
	18	2	0.7	4.7
14	00	2	0.7	4.7
		3	0.2	2.2
	03	2	0.5	5.0
		3	0.2	2.2
	06	...	No record	
	12	2	0.5	4.6
	18	2	0.5	4.8
15	00	2	0.5	4.8
		3	0.2	2.5
	03	...	Earthquake	
	06	...	Earthquake	
	12	2	0.5	4.7
	18	2	0.5	4.7
16	00	2	0.5	4.6
	03	2	0.5	4.6
		3	0.2	2.6
	06	...	No record	
	12	2	0.5	4.6
	18	2	0.5	4.6
17	00	2	0.5	4.5
	03	2	0.5	4.6
	06	2	0.5	4.6
	12	2	0.5	4.5
	18	2	0.5	4.5
18	00	2	0.5	4.5
		3	0.1	1.6
	03	2	0.5	4.5
		3	0.1	1.5
	06	2	0.5	4.7
		3	0.1	1.5
	12	2	0.5	4.8
	18	2	0.5	4.9
Station: MADRAS				
19	00	2	0.5	4.9
	03	2	0.5	4.9
	06	2	0.5	4.8
	12	2	0.5	4.6
	18	2	0.5	4.5
20	00	2	0.5	4.5
		3	0.1	1.5
	03	2	0.5	4.6
		3	0.3	2.6
	06	2	0.4	4.5
		3	0.3	2.5
	12	2	0.4	4.3
		3	0.3	2.6
	18	2	0.4	4.4
		3	0.3	2.5
21	00	2	0.4	4.5
		3	0.3	2.4
	03	2	0.5	4.3
	06	2	0.5	4.4
	12	2	0.5	4.4
	18	2	0.5	4.5
22	00	2	0.5	4.5
	03	2	0.5	4.4
	06	2	0.5	4.3
	12	2	0.5	4.3
	18	...	Earthquake	
23	00	2	0.4	4.3
		3	0.1	1.6
	03	2	0.5	4.2
	06	2	0.4	4.2
	12	2	0.5	4.4
	18	2	0.5	4.3
24	00	2	0.4	4.2
		3	0.2	2.4
	03	2	0.4	4.1
		3	0.2	2.3
	06	...	No record	
	12	2	0.3	4.2
		3	0.2	2.4
	18	2	0.4	4.1
		2	0.3	2.8
25	00	2	0.4	4.1
		2	0.3	2.7
	03	...	No record	
	06	...	No record	
	12	2	0.5	4.3
		3	0.3	2.5
	18	2	0.4	4.3
		2	0.3	2.6
26	00	2	0.4	4.1
		3	0.2	2.1
	03	...	No record	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: CALCUTTA (ALIPORE)				
20	12	2	2.0	3.2
	18	2	2.0	3.4
21	00	2	2.0	3.4
	06	2	2.2	3.4
	12	2	2.2	3.4
	18	2	2.2	2.4
22	00	2	2.2	2.8
	06	2	2.2	2.8
	12	2	2.2	2.4
	18	2	2.2	2.4
23	00	2	2.2	2.4
	06	2	2.0	2.2
	12	2	2.0	2.2
	18	2	2.0	2.2
24	00	2	2.0	2.2
	06	2	2.0	2.4
	12	2	2.0	2.2
	18	2	2.0	2.0
25	00	2	2.2	2.0
	06	2	2.0	2.0
	12	2	2.0	2.2
	18	2	2.0	2.2
26	00	2	1.8	2.0
	06	2	2.0	2.0
	12	2	2.0	2.2
	18	2	2.2	2.0
27	00	2	2.2	2.8
	06	3	1.8	2.2
	12	3	1.8	2.2
	18	3	1.4	1.8
28	00	3	1.2	2.0
	06	3	0.8	2.0
	12	3	1.0	2.2
	18	3	0.8.	2.0
29	00	3	0.8	2.0
	06	3	1.0	2.2
	12	3	0.8	2.0
	18	3	0.8	2.0
30	00	3	1.0	2.2
	06	3	0.8	1.0
	12	3	0.8	0.8
	18	3	0.6	0.6
31	00	3	0.6	0.8
	06	3	0.8	0.8
	12	3	0.8	0.8
	18	3	0.8	1.0
Station: MADRAS				
01	00	2	1.0	5.1
	03	2	1.1	5.0
	06	...	No record	
	12	...	No record	
	18	2	1.0	5.1

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
02	00	2	1.0	5.0
	03	2	1.0	5.0
	06	...	No record	
	12	2	1.0	5.1
	18	2	0.9	5.0
03	00	2	0.8	5.0
	03	2	0.8	5.1
	06	...	No record	
	12	2	1.1	5.0
	18	2	0.9	5.0
04	00	2	0.9	5.0
	03	2	0.9	5.0
	06	...	No record	
	12	2	0.9	5.0
	18	2	0.9	5.0
05	00	2	0.8	5.0
	03	2	0.9	5.0
	06	2	0.9	5.0
		2	0.3	3.0
	12	2	0.8	5.0
		2	0.2	3.0
	18	2	0.9	5.0
		2	0.3	3.0
06	00	2	0.9	5.0
		2	0.3	3.0
	03	...	No record	
	06	2	1.1	5.0
		2	0.3	3.0
	12	2	1.1	5.0
		2	0.2	3.0
	18	2	1.0	5.0
		2	0.2	3.0
07	00	2	1.0	5.0
	03	...	Earthquake	
	06	1	1.2	5.0
	12	1	1.1	5.0
	18	1	1.5	5.0
08	00	1	1.3	5.0
	03	1	1.2	5.0
	06	...	Earthquake	
	12	1	1.3	5.0
	18	1	1.3	5.0
09	00	1	1.3	5.0
		3	0.1	1.9
	03	2	1.2	5.0
		3	0.4	2.7
	06	...	No record	
	12	2	1.1	5.0
	18	2	1.1	5.0
10	00	2	1.2	5.0
	03	2	1.1	5.0
	06	...	No record	
	12	2	1.2	5.0
	18	2	1.2	5.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOKARO				
26	00	3	0.2	4.3
	06	3	0.3	4.7
	12	3	0.3	4.6
	18	3	0.3	4.2
27	00	3	0.3	4.4
	06	3	0.2	4.5
	12	3	0.2	4.3
	18	3	0.2	4.6
28	00	3	0.2	4.5
	06	3	0.2	4.4
	12	3	0.2	4.3
	18	3	0.2	4.5
29	00	3	0.2	4.2
	06	3	0.3	4.4
	12	3	0.3	4.5
	18	3	0.2	4.6
30	00	3	0.2	4.5
	06	3	0.3	5.0
	12	3	0.3	4.2
	18	3	0.2	4.1
31	00	3	0.2	4.4
	06	3	0.3	4.1
	12	3	0.3	3.6
	18	3	0.3	4.5
Station: CALCUTTA (ALIPORE)				
01	00	2	2.0	4.0
	06	2	2.4	4.0
	12	2	2.2	5.0
	18	3	1.2	3.8
02	00	3	1.6	3.4
	06	3	1.4	2.8
	12	3	1.2	2.6
	18	2	1.0	2.2
03	00	2	1.2	2.8
	06	2	1.2	3.0
	12	2	1.2	3.8
	18	2	1.2	3.8
04	00	2	1.2	3.8
	06	2	1.2	4.0
	12	2	0.8	3.2
	18	2	0.8	3.0
05	00	2	0.8	2.8
	06	2	1.2	3.0
	12	2	1.5	4.0
	18	2	1.2	2.6
06	00	2	1.2	2.6
	06	3	0.2	2.8
	12	3	1.8	3.0
	18	3	1.8	3.0
07	00	2	1.8	3.4
	06	2	2.5	4.0

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
07	12	2	2.5	4.0
	18	2	2.0	3.8
08	00	2	2.0	3.8
	06	2	2.0	3.6
	12	2	2.0	3.6
	18	2	2.2	3.8
09	00	2	1.8	2.8
	06	2	0.9	2.2
	12	2	1.2	2.4
	18	3	0.6	2.8
10	00	3	0.6	3.2
	06	3	0.8	3.4
	12	3	0.8	3.4
	18	3	0.8	3.2
11	00	3	1.0	3.4
	06	3	0.8	3.0
	12	3	0.8	3.0
	18	3	0.8	2.8
12	00	3	0.8	2.6
	06	3	0.8	2.6
	12	3	0.8	2.2
	18	3	0.8	2.0
13	00	3	1.0	1.8
	06	3	0.8	1.6
	12	3	1.0	1.4
	18	3	1.0	1.6
14	00	3	1.0	1.8
	06	3	1.0	2.8
	12	3	0.8	2.8
	18	3	1.2	3.0
15	00	3	1.0	3.0
	06	3	0.8	3.0
	12	3	0.8	3.0
	18	3	0.8	2.8
16	00	3	1.0	3.0
	06	3	0.8	2.8
	12	3	0.8	3.0
	18	3	0.8	3.2
17	00	2	2.0	4.0
	06	2	2.4	4.0
	12	2	2.2	5.0
	18	3	1.2	3.8
18	00	3	1.0	3.8
	06	3	1.0	2.4
	12	3	1.0	2.2
	18	3	1.0	2.2
19	00	3	1.0	2.2
	06	3	1.0	3.0
	12	3	1.0	2.2
	18	3	1.0	2.2
20	00	3	1.0	2.4
	06	3	1.4	3.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (COLABA)				
31	12	3	0.5	4.1
			0.3	3.0
	18	3	0.5	4.5
			0.4	3.3
Station: BOKARO				
01	00	3	0.7	5.0
	06	3	0.7	5.5
	12	3	1.0	5.3
	18	3	0.9	5.4
02	00	3	0.7	5.3
	06	...	-	-
	12	3	0.7	5.4
	18	3	0.7	6.3
03	00	3	0.6	5.9
	06	3	0.6	5.1
	12	3	0.6	5.8
	18	3	0.6	5.6
04	00	3	0.7	5.4
	06	3	0.5	5.6
	12	3	0.5	5.1
	18	3	0.4	5.1
05	00	3	0.4	4.9
	06	3	0.4	4.6
	12	3	0.5	4.7
	18	3	0.5	4.5
06	00	3	0.4	4.6
	06	3	0.5	4.8
	12	3	0.5	4.5
	18	3	0.5	4.3
07	00	3	0.5	5.1
	06	3	0.5	5.0
	12	3	0.6	4.8
	18	3	0.6	5.2
08	00	3	0.6	5.0
	06	3	0.7	5.1
	12	3	0.7	5.4
	18	3	0.6	5.2
09	00	3	0.6	5.0
	06	...	-	-
	12	3	0.5	4.8
	18	3	0.5	5.0
10	00	3	0.6	5.3
	06	3	0.6	5.2
	12	3	0.6	5.0
	18	3	0.5	5.2
11	00	3	0.5	5.0
	06	3	0.5	5.1
	12	3	0.5	5.1
	18	3	0.4	4.9
12	00	3	0.3	5.2
	06	3	0.4	5.0
	12	3	0.4	5.0
	18	3	0.3	5.0
13	00	3	0.3	4.8
	06	3	0.3	4.7
	12	3	0.3	4.8
	18	3	0.3	5.0
14	00	3	0.2	5.0
	06	...		
	12	3	0.3	5.0
	18	3	0.3	4.6
15	00	3	0.3	4.9
	06	3	0.3	4.5
	12	3	0.3	4.6
	18	3	0.2	4.7
16	00	3	0.2	4.3
	06	3	0.2	4.4
	12	3	0.3	4.7
	18	3	0.2	4.4
17	00	3	0.2	4.6
	06	3	0.3	4.6
	12	3	0.3	4.5
	18	3	0.3	4.4
18	00	3	0.3	4.4
	06	3	0.3	4.6
	12	...		
	18	3	0.3	4.9
19	00	3	0.2	4.9
	06	3	0.2	3.7
	12	3	0.3	4.3
	18	3	0.2	4.6
20	00	3	0.2	4.2
	06	3	0.3	4.6
	12	3	0.2	4.0
	18	3	0.3	4.6
21	00	3	0.2	3.9
	06	3	0.3	4.4
	12	3	0.2	4.4
	18	3	0.2	4.4
22	00	3	0.3	4.4
	06	3	0.3	4.8
	112	3	0.2	4.3
	18	...		
23	00	3	0.2	4.3
	06	3	0.2	4.2
	12	3	0.3	4.4
	18	3	0.3	4.3
24	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	3.9
	18	3	0.3	3.8
25	00	3	0.2	4.0
	06	3	0.3	4.8
	12	3	0.3	4.0
	18	3	0.3	4.3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (COLABA)				
20	12	3	0.9	3.8
			0.5	2.6
	18	3	0.9	4.0
			0.5	2.5
21	00	3	0.9	4.0
			0.4	2.0
	06	3	0.9	3.9
			0.7	3.0
			0.3	2.0
	12	3	0.9	4.0
			0.5	3.0
			0.4	2.2
	18	3	0.7	3.8
			0.5	3.0
			0.3	1.8
22	00	3	0.7	3.8
			0.5	3.0
			0.3	2.0
	06	3	0.7	4.0
			0.5	3.0
			0.3	1.9
	12	3	0.7	3.9
			0.7	3.0
			0.4	2.0
	18	Shock in progress		
23	00	3	0.7	3.5
			0.6	2.8
			0.3	2.0
	06	3	0.8	3.9
			0.4	2.0
	12	3	0.9	3.7
			0.5	2.9
			0.4	2.0
	18	3	0.9	4.0
			0.5	2.5
			0.4	2.0
24	00	3	0.7	3.8
			0.5	2.5
			0.3	1.6
	06	3	0.8	4.0
			0.5	2.5
			0.4	1.8
	12	3	0.9	3.8
			0.6	2.5
			0.4	1.8
	18	3	0.9	4.0
			0.6	2.4
			0.4	2.0
25	00	3	0.9	3.9
			0.5	3.0
			0.4	2.0
	06	3	0.9	3.9
			0.5	3.0
			0.4	2.0
Station: BOMBAY (COLABA)				
25	12	3	0.9	3.8
			0.6	2.8
			0.5	1.8
	18	3	0.7	4.0
			0.5	2.2
26	00	3	0.7	4.0
			0.5	2.3
	06	3	0.9	4.0
			0.6	2.9
			0.4	1.9
	12	3	0.9	3.9
			0.7	2.8
			0.5	2.2
	18	3	1.0	4.0
			0.6	2.7
			0.5	2.1
27	00	3	0.9	4.1
			0.5	2.8
			0.4	2.0
	06	3	0.7	3.7
			0.6	3.0
	12	3	0.9	4.0
			0.7	3.0
			0.4	2.3
	18	3	0.8	4.0
			0.5	2.8
			0.4	2.2
28	00	3	0.5	3.9
			0.4	2.8
	06	3	0.9	4.0
			0.5	3.1
	12	3	0.7	4.0
			0.5	3.1
	18	3	0.7	4.0
			0.4	3.2
29	00	3	0.7	4.0
			0.5	3.0
	06	3	0.5	3.8
			0.3	2.0
	12	3	0.5	3.9
			0.4	2.8
	18	3	0.5	4.2
			0.5	2.9
30	00	3	0.5	4.2
			0.4	3.0
	06	3	0.5	4.0
			0.3	2.0
	12	3	0.5	4.1
			0.3	3.0
	18	3	0.5	4.1
			0.3	3.0
31	00	3	0.5	4.0
			0.3	2.4
	06	3	0.6	4.0
			0.4	3.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (Colaba)				
10	00	3	1.5	4.1
			1.1	2.8
			0.6	2.1
	06	3	1.5	4.0
			0.8	2.6
			0.5	2.0
	12	3	1.5	4.1
			1.1	2.9
			0.6	2.2
	18	3	1.4	4.0
			0.9	3.0
			0.5	2.0
11	00	3	1.5	4.0
			0.9	2.9
			0.4	1.9
	06	3	1.3	4.0
			1.1	2.9
			0.5	2.0
	12	3	1.4	4.1
			0.9	3.0
			0.5	2.1
	18	3	1.1	4.2
			0.7	2.8
			0.4	2.0
12	00	3	1.1	4.1
			0.7	3.0
			0.4	1.9
	06	3	1.1	4.2
			0.4	2.0
	12	3	1.0	4.0
			0.6	1.3
			0.5	2.0
	18	3	1.1	4.0
			0.7	2.7
			0.5	2.0
13	00	3	1.0	4.1
			0.6	2.8
			0.4	2.0
	06	3	0.9	4.1
			0.5	2.9
			0.4	1.9
	12	3	1.1	4.0
			0.6	3.0
			0.4	2.0
	18	3	1.0	4.0
			0.5	2.7
			0.4	2.0
14	00	3	0.9	4.0
			0.5	2.9
			0.4	2.0
	06	3	1.0	4.0
			0.5	2.8
			0.3	1.8
	12	3	0.9	3.2
			0.4	2.2
			0.3	1.7
Station: BOMBAY (COLABA)				
14	18	3	0.9	3.6
			0.7	2.0
15	00	3	0.9	4.0
			0.6	3.0
	06	3	1.1	3.7
			0.9	2.9
			0.4	1.8
	12	3	0.9	3.2
			0.6	2.4
			0.4	1.8
	18	3	1.0	3.2
			0.6	2.3
			0.4	1.8
16	00	3	1.0	3.3
			0.5	2.3
			0.4	1.8
	06	3	0.9	3.6
			0.5	2.2
	12	3	0.8	3.5
			0.5	2.6
	18	3	0.9	3.4
			0.5	2.1
17	00	3	0.7	3.4
			0.5	2.7
			0.3	1.8
	06	3	0.9	3.6
			0.7	2.6
			0.3	1.7
	12	3	0.9	3.4
			0.6	2.2
	18	3	0.6	3.2
			0.5	2.5
			0.3	1.8
18	00	3	0.5	3.3
			0.4	2.5
			0.3	2.0
	06	3	0.7	3.3
			0.5	2.4
	12	3	0.7	3.1
			0.4	2.2
	18	3	0.5	3.2
			0.3	2.0
19	00	3	0.7	3.3
			0.5	2.4
	06	3	0.7	3.2
			0.4	2.0
	12	3	0.9	3.4
			0.5	2.4
			0.3	1.8
	18	3	0.6	3.0
			0.4	2.1
20	00	3	0.9	3.1
			0.5	2.0
	06	3	0.9	3.8
			0.5	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (Colaba)				
01	00	3	2.1	4.0
			1.5	3.0
			1.0	2.0
	06	3	2.3	4.0
			1.5	3.0
			0.6	2.0
	12	3	2.1	3.9
			1.2	2.6
			0.5	1.8
	18	3	2.3	4.2
			1.9	3.0
			0.7	2.2
02	00	3	2.1	4.0
			1.8	3.0
			0.9	2.1
	06	3	2.5	3.9
			1.9	3.0
			1.0	2.2
	12	3	1-6	3.8
			1.3	2.8
			0.9	2.0
	18	3	1.9	3.8
			1.5	3.0
			0.7	2.0
03	00	3	1.8	4.0
			1.1	2.9
			0.4	2.0
	06	3	1.7	3.9
			1.3	2.7
			0.5	2.0
	12	3	1.7	4.0
			1.3	2.9
			1.0	2.3
	18	3	1.9	3.9
			1.5	2.9
			0.9	2.0
04	00	3	1.5	3.8
			1.2	2.8
			0.5	2.0
	06	3	1.6	4.0
			0.9	2.8
			0.5	2.0
	12	3	1.5	4.0
			0.9	3.0
			0.5	2.0
	18	3	1.3	3.8
			0.9	2.6
			0.6	2.1
05	00	3	1.2	3.8
			0.9	2.8
			0.6	2.0
	06	3	1.3	4.1
			1.0	3.0
			0.6	2.2
Station: BOMBAY (COLABA).				
05	12	3	1.7	4.1
			1.1	3.0
			0.6	2.0
	18	3	1.1	4.0
			0.9	2.5
			0.6	1.8
06	00	3	1.5	4.0
			1.1	2.9
			0.5	2.0
	06	3	1.2	3.8
			0.6	2.2
			0.4	1.8
	12	3	1.5	3.9
			0.9	3.0
			0.6	2.0
	18	3	1.5	3.7
			1.0	2.7
			0.5	1.9
07	00	3	1.5	4.0
			1.1	2.9
			0.5	2.1
	06	3	1.4	4.0
			1.2	3.0
			0.5	1.9
	12	3	1.6	3.9
			1.2	3.0
			0.6	2.0
	18	3	1.5	3.9
			1.0	3.0
			0.5	2.0
08	00	3	1.5	3.9
			1.0	3.0
			0.6	2.0
	06	3	1.9	4.0
			1.1	3.0
			0.5	2.0
	12	3	1.7	4.0
			1.1	3.0
			0.6	2.2
	18	3	1.5	4.0
			1.1	3.0
			0.5	1.9
09	00	3	1.5	4.0
			1.0	2.8
			0.5	2.0
	06	3	1.3	4.0
			1.0	2.8
			0.5	2.0
	12	3	1.4	4.0
			1.1	3.0
			0.5	2.0
	18	3	1.5	4.1
			0.6	2.2
			0.9	3.0

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
Contd.							
and Kenai. Depth = 36 Kms.							
H = 20h 20m 54.0s (USCGS).							
Mag. = 5.9 (CGS).							
5¾-6(PAS).4.9-5.3(BRK).							
5¾(PAL)							
30	SHL	iP	20	33	06		
	DDI	iP	20	33	09		C
	CHA	e	20	33	11		
	NDI	eP	20	33	17		R
		e		35	42		
	POO	eP	20	34	08		
		e		45	16		
	BOK	e	20	43	53		
	BOM	e	20	45	14		
30	SHL	iPg	20	48	47		CSW 0.2
		iSg		48	50		
30	BHK	M	21	10	21		
30	BOM	e	21	15	-		
30	Epc: 18.7°N, 107.0°W, Off Coast of Jalisco, Mexico. Depth = 54 Kms (CGS). H = 23h 37m 19s (USCGS). Mag. 5.3 (CGS).						
	KOD	eP	23	57	15		C
	DDI	eP	00	20	59		
		e		22	35		
31	BHK	e	00	34	08		
31	Epc: 36.5°N, 71.4°E, Afghanistan USSR Border Region. Depth = 80 Kms (CGS), H = 01h 19m 01s (USCGS). Mag. 5.0 (CGS).						
	NDI	eP	01	21	11		8.8
		eS		22	49		
31	POO	iP	01	23	08.8		R
	SHL	iP	01	23	36		E
		e		27	09		
31	NDI	e	07	30	09		
31	POO	eP	07	33	03		
31	BOK	e	08	09	30		
31	BOK	e	08	43	39		
31	BOK	e	08	54	17		
31	PBA	e	12	20	20.1		
31	SHL	iP	12	55	21		1.4
		iSg		55	40		
31	NDI	e	18	31	50		
		e		32	43		
31	BHK	i	18	32	13		
		M		50	18		
31	POO	eP	19	58	44		
31	NDI	e	20	40	40		
		e		41	21		

Earthquake Report
(Non Instrumental Report)

The following is the list of earthquake reports that were reported by Voluntary Observers from different stations during the month of August 1966.

Station	Date GMT	Time in GMT h. m.	No. of shocks	Duration in secs.	Intensity in R.F. Scale	Remarks
Bareilly	15	02 20	1	15 secs	V	Also felt at Delhi, Meerut, Agra, Moradabad, Bareilly, Nainital, Kanpur, Simla, Dehra Dun.
Mukteswar	15	02 15	2	1 and 2	V	
Gulmarg	16	02 17	2	7 secs	V	
Srinagar	16	02 20	2	few seconds	VI	

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DATE	STN	PHASE	H. M. S.		Δ Deg.
28	CHA	iPg	22 46 05.6		1.2
		Sg	46 21.3		
	BOK	e	22 46 48		
	SHL	eP	22 46 48		
		e	46 57		
	TOC	e	22 47 25		
	CAL	i	22 47 29		
	NDI	eP	22 47 58		8.6
		eS	49 37		
	POO	eP	22 49 36		
29	NDI	e	01 56 04		
		e	56 31		
		e	56 50		
29	BOM	e	08 32 50		
29	BOK	e	08 38 18		
29	BOK	e	09 01 00		
29	Epc: 46.5°N 152.6°E H = 13h 28m 18.3s Depth 53 Kms (USCGS). Mag. 4.7 (CGS).				
	SHL	eP	13 37 25		
	NDI	e	13 38 23		
	POO	eP	13 39 35		
	BHK	e	14 09 07		
29	BOM	e	14 05		
29	NDI	e	17 00 48		
29	NDI	e	19 15 32		
		e	16 02		
29	SHL	iP	19 51 07	C	
29	CHA	iPg	20 13 41.2		1.5
		Sg	14 00.7		
29	NDI	e	20 34 31		
30	Epc: 51.7°N, 104.4°E Lake Baikal Region felt in Irkutsk. depth = 33 Kms (CGS). H = 06h 10m 33.4s (USCGS). Mag. = 5.0 (CGS).				
	SHL	iP	06 16 22		
	DDI	e	06 16 35		
	NDI	e	06 16 48		
	POO	eP	06 18.14		
30	BHK	e	06 28 32		
30	POO	e	06 33 10		
30	NDI	e	06 46 40		
30	SHL	iP	07 25 11	NW	1.4
		PP	25 19		

DATE	STN	PHASE	H. M. S.		Δ Deg.
Contd.					
30	SHL	Sg	07 25 32		
30	BOK	e	08 47 30		
30	PBA	iPg	09 56 55.2		0.3
		iSg	56 59.2		
30	SHL	iP	11 44 10		1.9
		iS	44 35		
30	POO	eP	11 48 20		
			48 37		
30	Epc 13.4°N 120.7°E Mindoro Phrlippine Islands. H = 12h 40m 27.5s Depth 81 Kms Mag 5.5 (CGS).				
	SHL	iP	12 46 28	CNW	37.6
		iS	51 18		
	BOK	i	12 47 12		
	DDI	iP	12 48 18	R	
	KOD	eP	12 48 18	RNE	
			48 18.5		
		e	48 19		
	NDI	eP	12 48 20	C	
	POO	iP	12 48 39.5	C	
	BOM	e	12 48 49		
		e	49 04		
		e	55 31		
	KOD	iP	12 50 21	RW	
			50 22		
30	NDI	eP	14 55 09		7.5
		eS	56 37		
	DDI	e	14 55 23		
		i	57 29		
		i	58 41		
	POO	eP	14 58 32		
	BHK	M	14 58 51		
	BOM	e	14 59 35		
		e	15 00 02		
		e	00 12		
30	NDI	ePn	15 55 52		2.1
		eSn	56 19		
		e	56 36		
30	Epc 3.6°N 126.3°E Taland Islands Depth = 33 Kms (CGS) H = 19h 42m 44s (USCGS). Mag. = 5.5 (CGS).				
	SHL	iP	19 50 09		
	KOD	eP	19 51 28	RE	
		i	51 28.3		
	NDI	iP	19 52 33	R	
30	Epc 61.3°N 147.5°W Southern Alaska, felt at Anchorage Valdez. Glennathen Cordona				

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DATE	STN	PHASE	H.	M.	S.	Deg.	
26	BOM	e	09	31	35		
		e		34	24		
		e		59			
	POO	e	09	25	04		
	KOD	e	09	31	02	SE	
	BHK	i	09	34	31		
		i		41	03		
26	BOK	e	09	53	28		
26	NDI	iSg	10	22	08		
26	Epc: 67.1°N 161.9°W Alaska, felt at Kotzebue Depth = 14 Kms (CGS) H = 10h 19m 34.8s (USCGS) Mag. = 5.2 (CGS).						
	NDI	eP	10	31	13	R	
	POO	eP	10	32	09		
26	POO	eP	10	54	42		
		e		55	02		
26	SHL	iP	12	11	42	CE	
26	CHA	iPg	13	23	41.9		0.6
		Sg		23	49.4		
26	PBA	e	14	38	59		
26	NDI	e	17	11	35		
26	POO	eP	17	35	17		
26	CHA	iPg	22	53	26.2		0.5
		Sg		53	32		
27	SHL	iP	01	37	13	CW	1.9
		eS		37	38		
27	Epc: 3.2°N 128.2°E North of Halmahera depth = 170 Kms (CGS). H = 02h 36m 33s (USCGS). Mag. = 5.6 (CGS).						
	SHL	iP	02	44	04	ENW	
	BOK	e	02	44	38		
	CHA	iP	02	44	40	C	
	MDR	i	02	45	01	C	
	KOD	iP	02	45	18	CSW	
		i		45	18.3		
	NDI	iP	02	45	44	CNW	
	POO	iP	02	45	49	CW	
27	Epc: 5.8°N 125.9°E Mindanao Philippine Islands. Depth = 119 Kms (CGS) H = 04h 35m 48.0s. (USCGS). Mag. = 5.5 (CGS).						
	SHL	iP	04	42	57	SE	

DATE	STN	PHASE	H.	M.	S.	Deg.	
27	KOD	eP	04	44	19	C	
		i		44	20		
		e		44	20		
	NDI	eP	04	44	40		
	POO	eP	04	44	50		
27	POO	eP	05	39	45		
27	SHL	iPg	06	25	57		
		eSg		26	03		
27	BOK	e	08	48	23		
27	SHL	iP	09	24	55		
27	BOK	e	09	30	50		
27	BOK	e	10	48	37		
27	BOK	e	10	56	01		
27	BOK	e	13	31	57		
27	NDI	ePn	13	40	15	NR	2.3
		iSn		40	45		
27	POO	eP	13	45	54		
27	NDI	e	15	13	20		
	BHK	i	15	13	33		
27	SHL	iP	17	17	12	CE	
27	NDI	i	18	02	30		
28	PBA	ePg	02	55	34.5		0.6
		iSg		55	42.5		
28	NDI	e	03	31	37		
28	SHL	eP	04	17	06		
28	NDI	e	06	58	30		
28	Epc: 4.6°S 155.2°E Solomon Islands Depth = 509 Kms (CGS) H = 10h 03m 03s (USCGS) Mag. = 5.6 (CGS).						
	SHL	iP	10	13	15	NE	68.6
		iS		21	36		
	CHA	iP	10	13	39		
	BOK	iP	10	13	42		
		i		22	31		
	MDR	iP	10	14	03		76.8
		eS		23	07		
	KOD	iP	10	14	15.7	RSE	
		i		14	15.9		
		i		14	16.0		
	NDI	iP	10	14	29	RSE	81.4
		eS		23	56		
	POO	iP	10	14	37	RE	
	BHK	eP	10	14	39.2	C	
		i		15	41		

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
28	BOM	eP	10	14	42	84.8	
		e		15	02		
		eS		24	25		
28	Epc: 36.3°N. 70.9°E Hindu Kush Region. Depth = 173 Kms (CGS). H = 10h 43m 01s (USCGS). Mag. = 4.9 (CGS).						
	DDI	iP	10	45	01	C 8.3	
		PP		45	09		
		PPP		45	17		
		LQ		46	24		
		iS		46	33		
		SSS		46	56		
	NDI	iP	10	45	11	RNW 8.9	
		i		45	57		
		iS		46	49		
		SS		47	09		
	SEH	iP	10	46	16	14.2	
		PP		46	27		
		PPP		46	34		
		i		47	00		
		LQ		48	45		
		iS		48	50		
		SS		49	03		
		SSS		49	18		
	CHA	iP	10	46	45	16.5	
		S		49	42		
	BOM	eP	10	46	57	17.3	
		e		47	36		
		i		47	43		
		eS		50	03		
		SS		50	22		
		PcP		51	51		
	BOK	eP	10	47	01	17.9	
		eS		50	12		
		SS		50	33		
		SSS		50	44		
	POO	eP	10	47	02	17.8	
		PPP		47	25		
		eS		50	12		
	SHL	iP	10	47	32	CSE21.3	
		iS		51	15		
	CAL	e	10	47	40	W	
		iS		51	12		
	TOC	eP	10	47	42		
	VIS	eP	10	47	49	22.5	
		iS		51	40		
		SS		52	09		
	KOD	iP	10	48	28		
		i		48	04		
		i		49	05		
	MDR	eP	10	48	38		
		e		52	51		

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
28	NDI	e	12	29	00		
28	SHL	iP	12	35	22	CSE 2.0	
		iS		35	48		
28	SHL	iP	13	40	04	C	
28	SHL	iP	18	55	43	NW	
	NDI	eP	18	57	24		
	DDI	iP	18	57	26	R	
	POO	iP	18	57	28.5	C	
28	Epc: 18.7°N 120.7°E. Mindoro, Phillippine Islands. felt at Calapan. Depth = 110 Kms (CGS). H=18h 56m 19s(USCGS). Mag.=5.1 (CGS)						
	SHL	iP	19	02	15	CNW	
	CHA	iP	19	02	55		
	BOK	e	19	03	00		
	KOD	i	19	04	06	CNW	
		e		04	06		
	NDI	e	19	04	07		
	POO	eP	19	04	27		
28	SHL	iP	19	08	39	C	
28	NDI	iP	19	10	21	WC	
	POO	iP	19	10	25	C	
28	POO	iP	20	30	36	R	
28	CHA	iPg	21	39	43.7	1.3	
		ePg		39	44.2		
		Sg		40	01		
	SHL	eP	21	40	30		
28	NDI	e	22	17	45		
28	Epc: 2.3°N 128.4°E H = 22h 30m 55 1s depth 75 Kms.						
	SHL	iP	22	38	43	CSW	
	BOK	e	22	39	17		
	VIS	eP	22	39	19		
	MDR	eP	22	39	37	49.1	
		PP		41	32		
		eS		46	42		
		PS		46	47		
		PPS		46	57		
	KOD	iP	22	39	54 8	C	
		i		39	55.3		
		i		39	56.2		
	NDI	eP	22	40	23		
	DDI	iP	22	40	24	R	
	POO	iP	22	40	27	C	
	BHK	i	22	40	36		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
24	BOM	e	06	57	36		
	HYD	eS	06	59	25		
	CAL	i	07	00	03		
		i		01	36		
24	Epc: 19.9°S, 69.2°W, Northern Chile, felt at Arequipa Peru, depth = 100 Kms (CGS), H = 07h 17m 17.8s (USCGS). Mag. 5.5 (CGS), 4.7-5.1 (Brk).						
	POO	ePKP	07	36	44		
		e		37	12		
	NDI	ePKP	07	36	50		
		e		37	22		
	KOD	iPKP	07	36	50.5	RNE	
		i		36	51.5		
		e		36	51.0		
	SHL	ePKP	07	37	36		
24	PBA	ePg	10	03	47		0.5
		iSg		03	53.5		
24	KOD	eP	10	24	32	ENE	
24	POO	eP	10	29	47		
24	NDI	e	14	04	33		
		e		06	00		
24	SHL	ePg	23	57	37		0.6
		iSg		57	45		
25	NDI	e	02	43	11		
25	POO	eP	03	47	47		
		i		48	05		
25	POO	eP	03	59	42		
	POO	eP	04	06	06		
		e		06	24		
25	POO	eP	04	57	10		
		e		57	28		
		e		57	37		
25	NDI	e	07	23	35		
25	BOK	e	08	15	44		
25	PBA	iPg	08	22	46		0.5
		eSg		22	52.5		
25	BOK	e	08	37	55		
25	BOK	e	09	21	08		
25	POO	iP	10	31	12	R	
		e		31	32		
25	POO	eP	10	42	02		
		e		42	16		
		e		42	22		
25.	POO	eP	10	48	08		

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
25	NDI	e	15	07	48		
25	NDI	e	19	37	23		
25	POO	eP	19	38	34		
25	SHL	eP	21	41	20		
	TOC	eP	21	41	29		
25	Epc: 22.4°S, 68.6°W, Northern Chile, felt at Calma, depth= 112Kms (CGS). H = 23h 18m 50.8s (USCGS). Mag. 5.3 (CGS).						
	POO	ePKP	23	38	15		
	KOD	iPKP	23	38	19	RNE	
		i		38	20		
		e		38	21		
		i		50	58		
	NDI	ePKP	23	38	23		
		e		38	27		
	MDR	ePKP	23	39	29		
	SHL	i	23	47	58	NW	
26	SHL	iPg	00	28	01	CSW 1.1	
		iSg		28	15		
26	SHL	iPg	04	06	32		
		iSg		06	46		
26	NDI	e	04	36	17		
26	CHA	iPg	05	07	39.2	C	0.8
		Sg		07	49.2		
26	CHA	iPg	06	18	24.3	C	0.8
		Sg		18	34.6		
26	BOK	e	08	23	13		
26	BOK	e	08	48	26		
26	POO	iP	09	02	13.5	R	
		e		02	33		
26	POO	eP	09	07	11		
		e		07	31		
26	POO	eP	09	11	44		
		e		12	03		
26	BOK	e	09	17	19		
26	Epc: 22.1°S, 170.0°E, Loyality Islands Region. Depth = 33 Kms(CGS). H = 09h 06m 50.4s (USCGS). Mag.= 5.6(CGS), 5.4-5.8(Brk).						
26	SHL	iP	09	19	46	C	86.3
		eS		30	29		
	BOK	e	09	20	12		
		i		30	43		
	MDR	eP	09	20	17		96.0
		eSKS		30	53		
	BOM	e	09	24	50		
		e		25	36		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
22	PBA	eP	17	54	40		84.0
		iS	18	05	04		
	VIS	eP	17	55	30		
		ePP		59	28		
		i	18	06	13		
	BOK	e	17	55	37		
	MDR	eP	17	55	38		93.0
		eSKS	18	06	11		
		e		06	16		
	POO	eP	18	00	30		
		e		06	56		
	BHK	i	18	00	35		
	BOM	e	18	00	36		
		i		07	04		
		e		07	46		
	CAL	i	18	06	25		
	DDI	i	18	07	55		
22	NDI	e	21	15	51		
22	NDI	eP	21	31	52		12.3
		eS		34	11		
22	POO	eP	21	33	53		
23	NDI	e	02	56	14		
23	MDR	e	03	49	36		
23	KOD	e	03	49	39	RSE	
		i		49	39.6		
23	NDI	e	05	39	48		
23	NDI	e	05	55	14		
23	NDI	iPg	10	06	43	NC	0.65
		iSg		06	51.5		
23	BOK	e	11	06	11		
23	BOK	e	11	46	38		
23	NDI	e	13	29	44		
		e		30	40		
23	Epc: 23.8°N, 123.2°E, South Western Ryukyu Islands. depth = 37 Kms. H=18h 22m 16.7s (USCGS). Mag. = 5.6 (CGS).						
	CHA	iP	18	28	55		
	BOK	eP	18	29	02		33.8
		iS		34	26		
	NDI	iP	18	30	01	RSE	40.9
		eS		36	13		
	MDR	eP	18	30	08		
		e		30	23		
	KOD	eP	18	30	37	RE	
		i		30	38		
	POO	iP	18	30	40.3	R	

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
23	BOM	e	18	37	37		
		e		41	17		
		e		48	32		
	BHK	i	18	45	51		
23	NDI	e	19	54	23		
23	CHA	iP	20	12	59	C	
23	NDI	e	20	17	25		
23	NDI	Pg	23	47	51		
		iSg		47	55.5		
24	BHK	eP	02	48	37.0		6.7
		i		49	01.6		
		eS		49	54.6		
		e		50	06.4		
	NDI	eP	02	49	13		8.9
		iS		50	55		
	POO	eP	02	51	17		
24	NDI	eP	04	34	43		9.0
		eS		36	26		
24	Epc: 29.9°N, 68.6°E, West Pakistan. Felt in Lorabai District Depth = 33 Kms (CGS). H = 06h 51m 15.8s (USCGS). Mag. = 5.1 (CGS).						
	BHK	ePn	06	52	52		
		i		53	25		
		i		53	35		
		i		54	14		
	NDI	iP	06	53	05	ER	7.4
		iS		54	30		
	DDI	eP	06	53	24		
		i		55	47		
	POO	eP	06	54	08		11.7
		ePP		54	18		
		PPP		54	24		
		eS		56	21		
	BOK	eP	06	55	10		
		i		58	07		
		i		00	08		
	CHA	eP	06	55	07		16.4
		S		58	09		
	SEH	i	06	56	00		
		i		56	15		
		i		56	23		
		i		56	42		
		i		56	56		
	SHL	iP	06	56	00	C	20.8
		eS		59	48		
	KOD	eP	06	56	03	CSE	
		e		56	05		
	BOM	eS	06	56	05		
		i		56	12		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
11	MDR	iPKP	17	57	29	C	
		e		58	14		
11	SHL	iP	18	08	48	CSE	1.5
		eS		09	10		
	CHA	iPg	18	09	12.1	C	3.0
		i		09	15.4		
		Sg		09	51.6		
11	SHL	iP	19	46	12	DNW	
	TOC	iP	19	46	23	W	
	CHA	eP	19	47	12		5.6
		eS		48	18		
11	SHL	iP	21	38	07	DSE	
11	NDI	eP	21	39	25		
	SHL	eP	23	39	51		
12	SHL	iP	00	54	51	CNW	
12	POO	eP	02	47	06		
		e		47	15		
12	POO	eP	03	04	12		
		eP		04	13		
12	NDI	iP	08	31	00		8.4
		iS		32	37		
12	BOK	e	08	43	05		
12	BOK	e	08	52	12		
12	Epc: 23.1°S, 170.6°E, Loyality Islands Region. Depth = 49 Kms (USCGS). H= 11h 29m 40.3s(USCGS). Mag. = 6½-6¾(PAS), 6.4-6.7(BRK). 6¾(PAL), 6.1 (CGS).						
12	PBA	iP	11	42	07	C	84.0
		iS		52	31		
	SHL	iP	11	42	38	DSE	91.3
		iSKKS		53	10		
		PS		55	01		
		SS	12	00	09		
	VIS	iP	11	42	43		
	CAL	iP	11	42	56		
		i		54	00		
	BOK	iP	11	42	57	DE	96.5
		i		46	45		
		eSKS		53	34		
		iS		54	15		
	CHA	iP	11	43	00		
		i		46	46		
		i		53	37		
	MDR	eP	11	43	01		97.2
		PP		46	48		
		PPP		49	07		
		eSKS		53	36		
		eS		54	22		
		PS		55	29		
		PPS		56	25		
		SS	12	00	52		
12	KOD	iP	11	43	03	W	
		e		53	52		
	HYD	i	11	43	22		
		e		53	44		
	POO	eP	11	43	36		102.0
		ePP		47	50		
		PPP		50	02		
		eS		55	18		
	NDI	eP	11	43	38	DE	104.2
		e		44	09		
		PP		47	48		
		e		50	10		
		eSKS		54	18		
		eS		55	27		
	BOM	iP	11	43	41	E	103.3
		e		46	47		
		ePP		47	59		
		PPP		50	13		
		SKS		54	21		
		e		55	01		
		i		55	52		
	DDI	eP	11	43	43		
		i		55	56.2		
	BHK	iP	11	43	44		
		PP		48	02		
		i		55	04		
		i		57	24		
12	DDI	iPg	12	11	12	C	0.6
		Sg		11	19.5		
	NDI	iPn	12	11	29.6	DNE	1.6
		iSn		11	51		
	BHK	e	12	12	11.4		
		i		12	17.2		
12	POO	eP	12	16	14		
12	SHL	eP	12	52	56		
12	SHL	iP	14	18	19	CSE	
12	PBA	ePg	14	58	40.7		0.9
		eSg		58	52.7		
12	DDI	eP	15	08	05		
	NDI	ePn	15	08	07		3.6
		i		08	21		
		iSn		08	51		
	CHA	ePn	15	08	29		5.2
		i		09	36		
		iSg		09	59		
	POO	eP	15	12	21		
12	PBA	iPg	15	16	12.6		
		iSg		16	25.6		
12	BOM	e	17	43	-		
12	BHK	e	17	43	34		
12	SHL	iP	18	04	09	CNE	
12	SHL	iP	20	10	03	DNE	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H. M. S.		Δ Deg.
09	SHL	iP	23 36 47	CNW	
10	SHL	iP	00 10 08	DSE	
10	NDI	e	00 24 34		
10	NDI	e	00 30 25		
10	SHL	iP	01 47 31	CSW	
10	Epc: 46.6°N, 144.1°E, Sea of Okhotsk, depth = 335 Kms (USCGS). H=02h 27m 47.7s (USCGS). Mag. = 5.2(CGS).				
	SHL	iP	02 35 42	DNE	
	NDI	iP	02 36 33	RNE	
	POO	eP	02 37 43		
10	NDI	e	02 43 43		
10	SHL	iPn	02 45 41	CSE	1.4
		eSg	46 01		
10	SHL	ePn	05 31 23		1.9
		iSn	31 51		
10	SHL	iP	06 37 25	DE	
10	DDI	e	12 21 13		
10	NDI	e	12 39 23		
10	KOD	iP	14 32 22	DW	
	POO	iP	14 32 27	C	
	DDI	e	14 32 39		
	NDI	e	14 32 43		
	SHL	iP	14 33 44	DE	
10	NDI	e	16 17 49		
10	DDI	eP	16 38 16		
		i	38 34.2		
	BHK	i	16 38 49.2		
10	SHL	iP	18 14 34	DNE	
10	DDI	eP	21 40 00.7		
10	SHL	iPg	21 53 04	DSE	0.6
		iSg	53 11		
10	NDI	e	22 03 31		
	NDI	ePn	22 03 48		2.1
		Sn	04 16		
11	SHL	eP	02 27 23		
11	SHL	eP	02 47 19		
11	SHL	iP	03 40 11	CSW	
11	SHL	iP	04 04 41	CSW	
11	Epc: 58.9°S, 25.7°W, South Sandwich islands region. Depth = 33 Kms (USCGS). H = 03h 49m 13s (USCGS). Mag. = 5.4 (CGS).				
11	SHL	iPKP	04 08 12	D	
	NDI	ePKP	04 08 22		
	DDI	e	05 13 52		
11	NDI	eP	05 15 40		8.9
		i	16 55		
		iS	17 22		
	SHL	iP	05 16 25	EC	
11	SHL	iP	07 13 35	DNE	
11	SHL	eP	10 14 05		
11	SHL	iP	11 13 03	CNE	
	NDI	eP	11 14 22		
		i	14 26		
11	POO	eP	14 14 14		
		e	14 37		
11	Epc: 27.0°N, 95.8°E, Burma-India Border Region. Depth= 37 Kms (USCGS). H = 15h 55m 20.0s (USCGS). Mag. = 5.0 (CGS).				
	TOC	eP	15 55 47		
		i	56 03		
	SHL	iP	15 56 17	DNE	
	CHA	iP	15 57 10	D	7.1
		S	58 32		
		i	59 24		
	BOK	e	15 57 34		
	DDI	iP	15 59 00	C	
	NDI	eP	15 59 05		15.2
		iS	16 01 55		
	BOK	e	15 59 47		
	POO	eP	16 00 12		
11	Epc: 6.8°N, 72.9°W, Norther Columbia. Slight Damage at Bogota. Felt at Bucaramangla Meddlin. Depth = 167 Kms (USCGS). H = 17h 38m 04.2s (USCGS). Mag.= 5.4(BRK). 5.9 (CGS).				
	NDI	e	17 56 53		
		i	57 05		
		eS	18 00 20		
	DDI	iPKP	17 57 05	D	
	CHA	ePKP	17 57 12		
	TOC	iPKP	17 57 23	E	
	POO	iPKP	17 57 13	C	
	SHL	iPKP	17 57 22	CSE	
	VIS	ePKP	17 57 24		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
08	DDI	iP	21	25	20	D	55.4
		PP		27	13		
		PPP		28	28		
		eS		32	55		
		SS		36	06		
		SSS		37	20		
		LR		39	59		
		eM		43	-		
	POO	iP	21	25	22	CNW	53.7
		PP		27	21		
		PPP		28	26		
		eS		32	48		
		PPS		33	04		
	BOM	iP	21	25	28	CNW	57.0
		i		26	23		
		PPP		28	47		
		PcS		30	26		
		iS		33	13		
		PS		33	23		
		PP		33	31		
		SS		36	58		
		i		37	08		
	BHK	iP	21	25	30	C	58.2
		PP		27	36		
		iS		33	22		
		SS		36	44		
08	Epc: 45.4°N, 150.5°E, Kurile Islands. Depth= 32 Kms (USCGS) H= 21h 55m 40.1 (USCGS) Mag. = 5.6 (CGS).						
	SHL	iP	22	04	36	CSW	
	DDI	iP	22	05	28.5		
	NDI	iP	22	05	37.0	SWC	
	MDR	i	22	06	32	C	
	POO	iP	22	06	35.6	C	
	KOD	iP	22	06	55.5	CNE	
		i		06	55.8		
08	SHL	iP	22	42	27	DNE	
08	POO	eP	22	44	02		
08	SHL	iP	23	15	03	CSW	
	NDI	e	23	16	52		
09	NDI	e	02	07	06		
09	DDI	e	05	12	18		
	NDI	eP	05	13	12		
09	NDI	e	06	35	30		
09	NDI	eP	06	58	11		
		i		58	45		
	NDI	ePn	06	58	27		2.1
		eSn		58	54		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
09	BOK	e	08	20	12		
09	SHL	eP	08	35	15		
09	BOK	e	08	58	51		
09	BOK	e	10	26	13		
09	NDI	iP	11	01	34.5	NWR	
	SHL	iP	11	02	17	D	
09	NDI	eP	11	38	40	CSE	
	DDI	e	11	38	43		
09	SHL	iP	11	41	31	DW	
09	Epc: 4.2°S, 102.8°E. H = 12h 04m 30.9s. Depth = 25 Kms. Mag. 5.3 (CGS)						
	SHL	iP	12	10	52	D	
	CHA	iP	12	11	19	D	
	NDI	iP	12	12	13		
	DDI	iP	12	12	20	D	
09	SHL	iP	16	27	43	DNE	
09	SHL	iP	18	29	07	CSW	
09	DDI	iP	18	29	58	C	
	NDI	i	18	30	07		
09	SHL	iP	18	43	15	D	
09	Epc: 10.8°N, 69.5°W, Venezuda. 19 injured and ½ of the Homes damaged in Churugura. Felt at Caraces, Caro and Barguislmeto. Depth = 12 Kms (USCGS). Mag. 5.2, 5.6 (BRK), 5.0 (CGS)						
	SHL	eP	18	59	05		
	DDI	e	18	59	08		
09	SHL	eP	19	03	08		
09	POO	eP	20	46	51		
	KOD	iP	20	47	32.4	DNW	
		i		47	32.6		
	NDI	eP	20	47	48		
	DDI	e	20	48	02		
	CHA	iP	20	48	56	D	
	SHL	iP	20	49	28	DSE	
09	SHL	iP	23	13	35	CSE	
09	SHL	iP	23	21	43	CNE	
09	POO	eP	23	23	34		
09	SHL	iP	23	25	56	CSE	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
08	DDI	iP	12	20	21	SEC	8.3
		PP		20	28		
		PPP		20	33		
		LQ		21	38		
		eS		21	53		
		SS		22	01		
		SSS		22	11		
	NDI	iP	12	20	29	DNW	9.2
		iS		22	11		
	BHK	e	12	20	49		
		i		21	15		
		i		21	38		
		i		21	46		
	CHA	iP	12	22	04	D	17.4
		i		22	17		
		iS		25	08		
	POO	eP	12	22	15		
	SHL	iP	12	22	47	CSE	
	BOK	e	12	23	11		
	KOD	iP	12	23	39	DNE	
		e		23	39		
08	SHL	iP	15	37	29	CSW	
08	SHL	eP	16	26	26		
		e		27	03		
		e		27	23		
08	SHL	iP	17	20	05	C	
08	SHL	iP	20	37	38	DNW	3.3
		iS		38	18		
08	Epc: 2.4°N, 128.4°E, Halmahera. Depth = 96 Kms (USCGS). H = 21h 15m 52.8s (USCGS). Mag. = 6¾-7(PAS)6.7-7.1 (BRK)6¾-7(PAL), 6.9(CGS).						
	PBA	iP	21	22	51	CNW	36.9
		PP		23	59		
		PPP		24	24		
		i		25	04		
		iS		28	28		
	TOC	ep	21	23	27		
	SHL	iP	21	23	38	CNW	42.5
		PP		25	22		
		PPP		25	48		
		iS		29	53		
		SS		32	49		
		LQ		33	31		
		SSSS		33	48		
		LR		35	20		
	CAL	iP	21	23	51	NW	45.1
		iS		30	22		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
08	BOK	iP	21	24	12	CWN	47.1
		PP		25	58		
		PPP		26	49		
		PcS		29	38		
		iS		30	56		
		SS		34	12		
	VIS	iP	21	24	18	W	48.1
		PcP		25	51		
		PP		26	08		
		PPP		26	54		
		iS		31	10		
		PS		31	16		
		PPS		31	23		
		ScS		34	11		
		SS		34	29		
		i		34	37		
		SSS		35	39		
	MDR	iP	21	24	32	C	49.2
		i		25	18		
		PcP		26	00		
		PP		26	28		
		PPP		27	16		
		iS		31	29		
		ScS		34	25		
		SS		34	58		
	KOD	iP	21	24	49	CNW	50.3
		i		24	49.3		
		PcP		26	09.4		
		PP		26	44		
		PPP		27	37.8		
		PcS		29	59		
		iS		31	53.4		
		PS		32	01		
		i		32	02		
		PPS		32	08		
		ScS		34	32		
		SS		35	20		
		LQ		36	46		
		SSS		36	46		
		LR		38	50		
		M		38	50		
	SEH	iP	21	25	09	NW	54.7
		i		25	57		
		PcP		26	11		
		eS		32	40		
		PPS		33	03		
	NDI	iP	21	25	18	CNW	56.6
		pP		25	08		
		sP		25	37		
		pP		27	38		
		PPP		29	19		
		iS		32	51		
		SS		33	23		
		sS		34	20		
	GOA	iP	21	25	19	D	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.		
06	NDI	e	06	43	49			
06	KOD	iP	06	48	13	CE		
06	BOK	e	08	58	09			
06	SHL	eP	09	50	11			
06	PBA	iP	14	58	59			
06	SHL	iP	17	52	45	DNE		
	NDI	e	17	53	39			
06	SHL	iPg	18	02	13	CNW	0.8	
		iSg		02	23			
06	SHL	iP	19	26	00	CNE		
06	SHL	iP	20	40	23	D		
06	Epc: 3.6°S, 127.1°E, Depth = 33 Kms (USCGS).. H = 20hh50m 55s (USCGS): Mag. = 5.3 (CGS)							
06	SHL	iP	20	59	09	DSW		
06	NDI	e	21	00	44			
07	NDI	iSg	03	56	46			
07	CHA	iP	05	59	35	D	3.0	
07	SHL	eP	05	59	36			
07	BOK	e	05	59	45			
07	Epc: 8.7°S, 156.5°E Solomon Islands, Depth = Depth = 52 Kms (USCGS). H= 05h 53m 45.7s (USCGS). Mag.= 5.3 (CGS)							
07	NDI	eP	06	04	49			
07	POO	eP	06	06	12			
07	DDI	eP	12	26	12			
07	NDI	e	12	26	56			
07	SHL	iPn	12	38	46	C	.1.5	
		eSg		39	07			
07	CHA	iP	12	39	07	D	3.3	
07	Epc: 5.1°S, 154.7°E, Solomon Islands. Depth = 77 Kms (USCGS). H = 15h 55m 11.5s (USCGS). Mag. = 5.5 (CGS).							
	DDI	eP	16	05	53			
	SHL	iP	16	06	05	CNW		
	NDI	ep	16	06	25			
		e		09	16			
	CHA	iP	16	06	38	D		
	KOD	iP	16	07	07	SE		
	POO	eP	16	07	28			
07	NDI	eP	16	21	03			
07	DDI	i	16	21	08.5			
07	CHA	iPg	17	34	31.1	C	1.4	
		Sg		34	49.9			
07	SHL	iP	18	05	10	DSW		
07	SHL	iP	21	19	30	CSE		
08	DDI	eP	00	45	03			
08	NDI	e	00	45	06			
08	SHL	eP	00	47	55			
08	NDI	e	01	06	02			
		e		06	25			
08	SHL	iP	02	26	30	C		
08	NDI	e	04	18	07			
08	SHL	iP	04	37	47	D		
08	Epc: 23.5°S, 66.6°W Jujuy Province, Argentina. Depth = 204 Kms (USCGS). H = 08h 28m 52.1s (USCGS). Mag. = 5.4 (CGS).							
	KOD	iPKP	08	48	03	DNE		
	NDI	iPKP	08	48	12	DS		
		e		49	11			
		e		51	31			
	MDR	ePKP	08	48	13			
		e		49	10			
	DDI	iPKP	08	48	15.1	D		
	SHL	iPKP	08	49	11	C		
		i		49	22			
08	SHL	iP	08	52	53	D		
08	Epc: 3.6°N 126.3°E, Taland Islands. Depth = 65 Kms (USCGS). H = 10h 37m 43.2s (USCGS). Mag. = 5.1 (CGS).							
	SHL	iP	10	45	11	SE		
	KOD	iP	10	46	28	NW		
	NDI	eP	10	46	56			
	POO	eP	10	46	58			
	DDI	e	11	35	24			
08	NDI	eP	11	35	32		9.9	
		eS		37	25			
08	SHL	iP	11	38	03	CNE		
08	BOK	e	11	39	51			
08	Epc: 36.4°N, 70.2°E Hindu Kush Region. Depth = 223 Kms. H = 12h 18m 14.8s (USCGS). Mag. 4.9(CGS).							

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H. M. S.	Δ Deg.	
04	Epc: 2.5°S, 138.8°E, West New Guinea. Depth= 39 Kms (USCGS). H=09h 41m 23.8s (USCGS). Mag. = 6.0 (CGS).				
	SHL	iP	09 50 40		CN
	CHA	iP	09 51 15		D
	KOD	iP	09 51 46		DS
		i	51 46.3		
	DDI	eP	09 52 -		
	NDI	eP	09 52 12		D
	POO	eP	09 52 16		
04	SHL	iP	11 27 01		CNE
04	SHL	eP	11 29 13		
04	NDI	eP	11 42 48	18.9	
		eS	46 16		
04	SHL	iP	13 41 18		
04	NDI	eP	14 52 25		
04	SHL	iP	17 12 33		DNW
04	PBA	ePn	22 00 05.9	1.1	
		eSn	00 21.9		
04	SHL	iP	22 34 34		DNE
05	NDI	eP	01 26 26		
		e	26 43		
05	NDI	e	02 24 25		
05	DDI	eP	04 08 10	8.0	
		iS	09 42		
	NDI	iP	04 08 21.5	EC 8.9	
		iS	10 03		
	SHL	iP	04 10 39		DNW
	CHA	e	04 12 43		
	POO	eP	04 13 47		
05	SHL	eP	04 20 01		
05	Epc: 7.5°S, 155.9°E, Solomon Islands. Depth = 60 Kms (USCGS). H = 06h 52m 51.1s (USCGS). Mag. = 5.2 (CGS).				
	SHL	iP	07 03 59		CN
	NDI	eP	07 05 13		
05	NDI	iPg	07 14 31.5	EC 0.3	
		iSg	14 35.5		
05	SHL	iP	08 59 10		CSW
05	POO	eP	09 00 41		
	KOD	iP	09 01 04.5	R	
05	BOK	e	10 35 35		
05	SHL	iP	17 17 48		C
05	DDI	eP	17 46 15.3		
05	SHL	iP	18 11 00		CNE
05	NDI	ePn	18 46 29	2.3	
		eSn	46 58		
05	SHL	eP	20 03 19		
		e	04 03		
05	Epc: 30.5°N, 69.7°E, H = 22h 26m 42s (New Delhi).				
	NDI	eP	22 28 28	7.0	
		iS	29 49		
	DDI	eP	22 28 37		
	CHA	eP	22 30 36		
	SHL	iP	22 31 23		D
05	DDI	eP	23 26 53		
05	NDI	ePn	23 27 06	2.3	
		eSn	27 36		
05	NDI	ePn	23 35 52	2.2	
		eSn	36 20		
06	SHL	iP	00 51 14		DSE
06	NDI	e	01 19 47		
06	NDI	e	02 37 46		
06	CHA	iP	04 10 49		
06	SHL	iP	04 11 29		CNE
		i	12 19		
06	NDI	e	04 14 08		
06	SHL	iP	04 33 25		D
	TOC	e	04 33 49		
		i	34 29		
	CHA	iP	04 33 49		C
		e	34 41		
		e	35 15		
	DDI	eP	05 27 25		
06	NDI	e	05 27 30		
06	KOD	iP	05 53 38		DNW
		i	53 38.6		
06	BHK	e	06 22 34.0		
		i	22 36.8		
06	NDI	e	06 23 40		
	KOD	iP	06 42 43		CNE
06	Epc: 45.4°N, 151.3°E. H = 06h 33m 46.4s. Depth = 28 Kms . Mag. 3.9(CGS).				
	SHL	iP	06 42 48		CSW
	KOD	i	06 43 08		D

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
02	BOM	e	09	25	-		
02	BOK	e	10	08	59		
02	SHL	iP	10	24	44	DW	
02	POO	eP	10	46	24		
	NDI	e	10	47	21		
	SHL	iP	10	48	59	CE	
02	NDI	eP	11	11	53	D	
02	POO	eP	11	17	51		
02	SHL	iP	14	26	41		
02	SHL	iP	14	42	27	C	
02	PBA	iPg	15	48	05		0.9
		iSg		48	15.8		
02	SHL	iP	17	05	23	C	
02	SHL	iP	20	18	06	DW	
02	SHL	iP	22	58	57	CN	
02	NDI	Sg	23	40	26		
03	POO	eP	02	10	09		
03	DDI	iP	05	41	03	R	
03	Epc: 27.0°N, 85.9°E H = 06h 40m 11s (New Delhi).						
	CHA	iPg	06	40	35	C	1.2
		Sg		40	50.3		
	BOK	e	06	41	27		
		i		42	13		
	SHL	iP	06	41	33	CWS	
	NDI	eP	06	42	09		
		e		43	34		
	CAL	i	06	43	15		
	POO	eP	06	43	34		
03	CHA	iPg	07	31	41		
03	POO	eP	08	02	03		
03	NDI	e	08	21	15		
03	SHL	iP	10	50	33	D	
03	NDI	e	12	26	41		
03	SHL	iP	12	27	39	D	
03	SHL	ePn	13	21	19		2.1
		eSg		21	42		
03	NDI	eP	14	36	39		8.4
		eS		38	15		
03	Epc: 10.2°N, 104.2°W, Off coast of Mexico, depth 47 kms (USCGS). H = 16h 24m 20.7s (USCGS). Mag. = 4.4-4.8(BRK), 5.3(CGS).						
	SHL	iP	14	39	04	D	
03	NDI	ePKP	16	43	51		
	POO	ePKP	16	44	12		
03	SHL	iPn	20	11	19	DNW	1.9
		eSg		11	47		
03	SHL	iPn	21	15	57	DNW	1.5
		iSg		16	19		
04	NDI	e	03	55	12		
04	Epc: 12.2°N, 93.1°E, Andaman Island Region. Depth = 33 Kms (USCGS). H = 04h 37m 04.5s (USCGS). Mag. = 5.4 (CGS).						
04	PBA	iPg	04	37	18.5	NE	0.7
		P*		37	19.1		
		Pn		37	20.6		
		eSg		37	27.5		
		Sn		37	31		
	VIS	ep	04	39	40		9.7
		i		40	50		
		iS		41	31		
	CAL	e	04	39	54		
	MDR	eP	04	40	03		
		i		42	10		
	BOK	eP	04	40	10		12.7
		LQ		42	26		
		iS		42	34		
		SS		42	49		
		SSS		43	05		
	SHL	iP	04	40	12	D	
	TOC	eP	04	40	40	D	
	CHA	iP	04	40	45	C	16.5
		eS		43	48		
	KOD	iP	04	40	47	CW	
	POO	eP	04	41	32		
		e		43	52		
	NDI	iP	04	41	59	NER	21.8
		eS		45	56		
	DDI	iP	04	42	-	C	
	BOM	e	04	45	18		
		e		45	44		
	KOD	iP	04	52	52.5	CW	
04	POO	eP	04	54	30		
04	NDI	e	05	57	41		
	DDI	eP	05	58	-		
04	NDI	e	06	36	50		
		e		37	39		
04	SHL	eP	06	56	42		

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
01	NDI	e	02	02	52		
01	NDI	e	07	36	19		
01	BOK	e	08	36	46		
01	Epc: 0.5 S, 134.3 E, West New Guinea Region, depth = 66 Kms (USCGS). H = 08h 57m 14.0s (USCGS). Mag. = 5.1 (CGS).						
	SHL	iP	09	05	57		
	DDI	iP	09	06	40		
	NDI	e	09	07	24		
01	NDI	e	11	57	38		
01	SHL	iPg	12	15	47	DSW	1.2
		iSg		16	02		
01	Epc: 31.8°N, 142.4°E, South of Honshu, Japan, depth 42 Kms (USCGS). H = 14h 16m 14.1s (USCGS). Mag. = 5.5 (CGS).						
	SHL	iP	14	24	22	CW	
	DDI	iP	14	24	53.9	C	
	BHK	i	14	25	45		
		i		50	16		
	NDI	iP	14	25	48	RSE	
	POO	iP	14	26	36	R	
	KOD	eP	14	26	43	CW	
		i		26	43.5		
91	EPC: 36.5°N, 22.1°E, Southern Greece 20 injured and 1000 homes destroyed in Central Peloponiesus region, Felt in Athens. Depth = 17 Kms (USCGS). H= 14h 22m 57.0s. Mag. 5.3 (CGS).						
	DDI	i	14	30	36	C	
	NDI	iP	14	31	24	DSE	46.1
		eS		38	09		
	BOM	iP	14	31	35	C	48.0
		i		31	40		
		e		33	30		
		i		33	35		
		iS		38	33		
		PS		38	40		
	POO	eP	14	31	42		49.0
		PP		33	43		
		eS		38	46		
	CHA	iP	14	32	29	C	
	BOK	iP	14	32	35		
	KOD	iP	14	32	40.2	CSE	
	VIS	eP	14	32	41		
	SHL	iP	14	32	58	DNW	
01	DDI	iP	19	04	56.8	R	
01	NDI	eP	19	05	34		7.3
		iS		06	58		
01	POO	eP	19	06	38		
01	CHA	eP	19	07	43		
01	SHL	iP	19	08	30	C	
01	PBA	e	20	20	27		
01	CHA	eP	23	19	59		
01	Epc: 61.8°N, 149.6°W, Southern Alaska, felt at Anchorage, depth = 77 Kms (USCGS). H = 23h 19m 09.8s (USCGS). Mag. = 5.2 (CGS).						
	DDI	eP	23	30	26		
	SHL	iP	23	31	12	DSW	
	CHA	i	23	31	19		
	NDI	eP	23	31	23	C	
02	Epc: 51.0°N, 177.9°E, Rat Islands, Aleution Islands. Depth = 14 Kms. H = 00h 54m 40.7s (USCGS). Mag. = 5.2 (USCGS).						
	SHL	iP	01	05	42	NE	
	NDI	eP	01	06	20	R	
	POO	eP	01	07	14		
02	SHL	iP	02	07	39	DNE	
02	NDI	iPg	06	16	57.8	RSW	0.36
		iSg		17	02.4		
02	HYD	e	07	26	51		
02	Epc: 4.5°S, 105.9°W, Northern Eastern Cordillera. Depth = 33 Kms (CGS). H = 07h 59m 05.7s (USCGS). Mag. = 6¼(Pas) 5.7-6.1 (BRK) 5.1 (CGS)						
	SHL	eP	08	18	55		
	NDI	e	08	19	05		
	BHK	e	08	19	12		
		i		22	46		
		i	09	17	02		
02	POO	e	08	26	08		
	BOK	e	08	26	11		
02	BOK	e	08	27	26		
02	BOK	e	09	14	36		

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List of Seismograph stations with their Instruments and Constant

Station and abbreviation	Latitude °N	Longitude °E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs To	Period in secs Tg	V max	Damping Constant h_1	Damping Constant h_2	Paper speed mm/min
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500	1	1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1	1	20
						N	1.01	1.17	5500	1	1	20
						E	1.02	1.15	5600	1	1	20
Bokaro	23.47	85.53		Rock	Press-Ewing	Z	15	100			1	15
BOK						N	15	100			1	15
						E	15	94			1	15
					Sprengnether	E	7.3	7.3	5000	–	1	30
					Wood-Anderson	N	0.8	0.8	940	1		30
						E	0.8	0.8	950	1		30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	N	12		250	0.7		8
BOM						E	12		250	0.7		8
					Sprengnether	E	7.3	7.3	5000		1	30
					Benioff	Z	1.0	0.2				30 for LP
							1.0	87.0				Galvanometer
												60 for SP
Calcutta	22.32	88.20	7	Milne Shaw Alluvium	Milne Shaw	E	12		250	0.7		8
CAL			6	Omori-Ewing	Omori-Ewing	E	19		30			25.4
						N	15		32			25.4
					Sprengnether	N	7.0	7.0	1000		1	30
Chatra	26.50	87.10	161	Sand stone	Benioff	Z	0.72	0.45			1	60
CHA					Wood-Anderson	N	0.8		1000	1		30
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		16
						E	12		250	1		16
				Wenner Accelerograph		ZNE	0.1		50	0.6		600
Delhi	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.6	7.6	5000		1	30
NDI					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.76	50K	for	1	60
						N	1.0	0.76	50K	TE=1	1	60
						E	1.0	0.77	50K	sec.	1	60
					Sprengnether (LP)	Z	15	100	1500	for	1	30
						N	15	100	1500	TE=15	1	30
						E	15	100	1500	sec.	1	30
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3		1	1	60
DDI					Wood-Anderson	N	0.8		970	1		30
						Z	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Sprengnether	Z	15	100	1500	1	1	30
								for TE=15 secs.				
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5			1	30
GOA						E	7.4	7.4	5000		1	30
						N	7.5	7.5	5000		1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		250	0.7		8
HYD						N	12		250	0.7		8
Kodaikanal	10.14	77.28	2345	Rock	Benioff(SP)	Z	1.0	0.75	50K	for	1	60
KOD						N	1.0	0.75	50K	TE=1	1	60
						E	1.0	0.75	50K	sec.	1	60
					Sprengnether (LP)	Z	15	100	1500	for	1	30
						N	15	100	1500	TE=15	1	30
						E	15	100	1500	secs.	1	30
					Milne Shaw	E	12		250	0.7		8
Madras	13.00	80.11	15		Sprengnether	E	7.4	7.4			1	30
MDR						Z	1.5	1.5			1	60
Poona	18.32	73.51	560	Deccan Trap	Benioff (SP)	Z	1.0	0.75	50K	for	1	60
POO						N	1.0	0.75	50K	TE=1	1	60
						E	1.0	0.75	50K	sec.	1	60
					Sprengnether (LP)	Z	15	100	1500	for	1	30
						N	15	100	1500	TE=15	1	30
						E	15	100	1500	secs.	1	30
Port Blair	11.40	92.43			Milne-Shaw	E	12		250	0.7		8
PBA					Wood-Anderson	N	2.0		890	0.7		30
						E	0.8		840	0.8		30
Sehore	23.10	77.05			Benioff	Z	1.2	1.5			1	30
SEH					Wood-Anderson	N	0.8		860	1		30
						E	0.8		950	1		30
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff(SP)	Z	1	0.75	200K	for	1	60
SHL						N	1	0.75	200K	TE=1	1	60
						E	1	0.75	200K	sec	1	60
					Press-Ewing (LP)	Z	15	100	3000	for	1	30
						N	15	100	3000	TE=15	1	30
						E	15	100	3000	secs	1	30
					Sprengnether	E	6.7	6.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
				Wenner Accelerograph		Z,N,E	0.1		Nearly 50	0.6		600
Tocklai	26.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1		60
TOC												
Trivandrum	8.29	76.57	Decomposed Laterite		Sprengnether	E	7.1	7.1	2500		1	30
TRV												
Visakhapatnam	17.43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
VIS					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
				Electromagnetic (S.P.)		Z	1.65	1.65	6000	1	1	60

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SEISMOLOGICAL BULLETIN

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GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

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

OCT 6 1967

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DATE	HOUR GMT	K	MEAN AMPLITUDE in mm	MEAN Period in sec.
Station: VISAKHAPATNAM				
13	00	2	0.4	4.2
	06	2	0.5	4.2
	12	2	0.5	4.1
	18	2	0.4	4.0
14	00	2	0.4	3.8
	06	2	0.5	3.9
	12	2	0.5	4.1
	18	2	0.5	4.0
15	00	2	0.5	4.0
	06	*00	-	-
	12	2	0.4	3.5
	18	2	0.4	3.6
16	00	2	0.4	3.7
	06	2	0.7	4.2
	12	2	0.5	3.9
	18	2	0.5	4.0
17	00	2	0.5	4.0
	06	2	0.6	4.2
	12	2	0.5	4.1
	18	2	0.6	4.1
18	00	2	0.5	4.1
	06	2	0.5	4.1
	12	00	-	-
	18	2	0.4	3.1
19	00	00	-	-
	06	2	0.4	3.0
	12	2	0.3	2.9
	18	2	0.3	2.9
20	00	2	0.3	2.9
	06	A00	-	-
	12	00	-	-
	18	00	-	-
21	00	00	-	-
	06	00	-	-
	12	2	0.3	2.9
	18	2	0.5	3.9
22	00	2	0.4	4.0
	06	2	0.4	3.6
	12	2	0.3	3.4
	18	B00	-	-
23	00	2	0.4	3.9
	06	2	0.3	2.9
	12	C00	-	-
	18	2	0.4	3.1
24	00	2	0.5	3.1
	06	2	0.4	3.2
	12	2	0.3	3.0
	18	2	0.3	2.9
25	00	2	0.3	3.1
	06	2	0.4	3.5
	12	2	0.3	3.0
	18	2	0.3	2.9
26	00	2	0.3	2.5
	06	2	0.4	3.4
	12	2	0.5	3.4
	18	00	-	-
27	00	2	0.3	3.1
	06	2	0.3	3.1
	12	2	0.3	3.4
	18	2	0.4	3.2
28	00	2	0.3	3.2
	06	00	-	-
	12	2	0.3	3.2
	18	2	0.4	3.1
29	00	2	0.3	3.1
	06	2	0.3	3.1
	12	2	0.3	3.1
	18	2	0.4	3.7
30	00	00	-	-
	06	2	0.5	3.5
	12	2	0.3	2.9
	18	2	0.2	2.2
31	00	2	0.2	2.2
	06	2	0.5	3.1
	12	2	0.3	3.0
	18	2	0.4	3.1

* No record calibration of Sprangnether microseismograph
A = Calibration of W.A. Seismograph.
B = Shock in progress.
C = Calibration of W.A. Seismograph.

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DATE	HOUR GMT	K	MEAN AMPLITUDE in mm	MEAN Period in sec.
Station: SHILLONG				
18	00	3	0.4	4.0
	06	3	0.5	4.2
	12	3	0.4	4.0
	18	3	0.4	4.0
19	00	3	0.4	4.0
	06	3	0.4	4.0
	12	3	0.4	4.0
	18	3	0.4	4.0
20	00	3	0.3	4.0
	06	...	---	---
	12	...	---	---
	18	...	---	---
21	00	...	---	---
	06	3	0.5	4.4
	12	3	0.5	4.4
	18	3	0.4	4.2
22	00	3	0.5	4.2
	06	3	0.5	4.4
	12	3	0.3	3.6
	18	...	---	---
23	00	3	0.3	3.8
	06	3	0.2	3.8
	12	3	0.3	4.2
	18	3	0.3	3.8
24	00	3	0.3	3.6
	06	3	0.4	4.4
	12	...	---	---
	18	...	---	---
25	00	..	---	---
	06	..	---	---
	12	3	0.4	3.8
	18	3	0.4	3.6
26	00	3	0.3	3.4
	06	3	0.3	3.0
	12	3	0.3	3.0
	18	3	0.3	3.0
27	00	3	0.3	3.8
	06	3	0.4	3.8
	12	3	0.3	3.0
	18	3	0.3	3.0
28	00	3	0.2	3.0
	06	...	---	---
	12	...	---	---
	18	...	---	---
29	00	...	---	---
	06	...	---	---
	12	3	0.4	4.0
	18	3	0.4	4.2
30	00	3	0.3	4.2
	06	3	0.4	4.4
	12	3	0.4	4.0
	18	3	0.4	4.0
31	00	3	0.5	4.4
	06	3	0.5	4.2
	12	3	0.5	4.2
	18	3	0.4	4.2
Station :- VISAKHAPATNAM				
01	00	2	0.7	4.7
	06	2	0.7	4.2
	12	2	0.6	4.2
	18	2	0.6	4.5
02	00	2	0.7	4.7
	06	2	0.6	4.5
	12	2	0.6	4.8
	18	2	0.6	4.9
03	00	2	0.5	4.3
	06	2	0.5	4.2
	12	2	0.5	4.2
	18	2	0.5	4.3
04	00	2	0.5	4.2
	06	2	0.3	3.1
	12	2	0.4	3.4
	18	2	0.3	3.2
05	00	2	0.3	3.1
	06	2	0.4	3.2
	12	2	0.5	3.9
	18	2	0.4	3.3
06	00	2	0.5	3.8
	06	2	0.5	3.6
	12	2	0.5	3.7
	18	2	0.6	3.8
07	00	2	0.6	3.8
	06	2	0.6	4.0
	12	2	0.6	4.1
	18	2	0.6	3.9
08	00	2	0.6	4.2
	06	2	0.6	4.2
	12	2	0.6	4.3
	18	2	0.6	4.3
09	00	2	0.6	4.2
	06	2	0.7	4.4
	12	2	0.8	4.5
	18	2	0.7	4.4
10	00	2	0.6	4.4
	06	2	0.6	4.3
	12	2	0.6	4.4
	18	2	0.6	4.4
11	00	2	0.5	4.2
	06	2	0.6	4.2
	12	2	0.6	4.3
	18	2	0.6	4.4
12	00	2	0.6	4.3
	06	2	0.6	4.3
	12	2	0.6	4.6
	18	2	0.5	4.3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
27	12	3	1.6	3
			1.2	7
	18	3	1.6	3
			1.2	7
28	00	3	1.6	3
			0.8	7
	06	3	0.6	3
			1.2	7
	12	3	1.6	3
			1.6	7
	18	3	1.6	3
			1.6	7
29	00	3	1.6	3
			1.6	7
	06	3	2.0	3
			1.6	7
	12	3	2.0	3
			1.6	7
	18	3	2.0	3
			2.0	7
30	000	3	2.0	3
			2.0	7
	06	3	2.0	3
			2.0	7
	12	3	2.0	3
			2.0	7
	18	3	2.0	3
			1.6	7
31	00	3	2.0	3
			1.6	7
	06	3	2.0	3
			1.6	7
	12	3	2.0	3
			1.6	7
	18	3	2.0	3
			1.2	7
Station : Shillong				
01	00	3	0.4	4.2
	06	3	0.4	4.8
	12	3	0.4	4.0
	18	3	0.4	4.2
02	00	3	0.3	4.8
	06	3	0.5	4.4
	12	3	0.3	4.2
	18	3	0.4	4.0
03	00	3	0.4	4.4
	06	3	0.3	4.0
	12	3	0.3	3.8
	18	3	0.3	4.0
04	00	3	0.4	4.0
	06	3	0.4	4.0
	12	...	---	---
	18	...	---	---

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station : SHILLONG				
05	00	3	0.3	3.8
	06	3	0.3	4.0
	12	3	0.4	4.0
	18	3	0.4	4.2
06	00	3	0.3	3.8
	06	3	0.3	4.0
	12	3	0.4	4.4
	18	3	0.3	4.2
07	00	3	0.4	4.4
	06	3	0.3	4.0
	12	3	0.3	4.2
	18	3	0.3	4.0
08	00	3	0.3	4.0
	06	3	0.3	3.8
	12	3	0.4	4.4
	18	3	0.4	4.8
09	00	3	0.4	4.2
	06	3	0.3	4.8
	12	3	0.3	4.0
	18	3	0.3	3.8
10	00	3	0.3	4.4
	06	3	0.3	4.0
	12	3	0.4	4.8
	18	3	0.4	4.4
11	00	3	0.3	4.0
	06	3	0.4	4.4
	12	3	0.3	3.8
	18	3	0.3	4.0
12	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.2	3.8
13	00	3	0.2	3.6
	006	3	0.3	3.8
	12	3	0.3	3.8
	18	3	0.3	3.8
14	00	3	0.3	4.0
	06	3	0.4	4.2
	12	3	0.3	3.8
	18	3	0.3	4.0
15	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.4	4.0
	18	3	0.4	4.0
16	00	3	0.4	4.0
	06	3	0.4	4.0
	12	3	0.5	4.2
	18	3	0.5	4.2
17	00	3	0.5	4.2
	06	3	0.4	4.2
	12	3	0.4	4.2
	18	3	0.4	4.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
10	12	3	0.8	3
			1.2	7
	18	3	1.2	3
			0.8	7
11	00	3	0.8	3
			0.8	7
	06	3	0.8	3
			1.2	7
	12	3	0.8	3
			1.2	7
	18	3	1.2	3
			1.2	7
12	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
			0.8	7
	18	3	1.2	3
			1.2	7
13	00	3	1.2	3
			1.2	7
	06	3	0.8	3
			1.2	7
	12	3	0.8	3
			1.2	7
	18	3	0.8	3
			1.2	7
14	00	3	0.8	3
			1.2	7
	06	3	0.8	3
			1.2	7
	12	3	0.8	3
			1.2	7
	18	3	1.2	3
			1.2	7
15	00	3	1.2	3
			0.8	7
	06	3	1.2	3
			1.2	7
	12	...	-	-
	18	3	1.2	3
16	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
17	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
18	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	0.8	3
19	00	3	0.8	3
			0.8	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
			0.8	7
	18	3	0.8	3
20	00	3	0.8	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
21	00	3	0.8	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
22	00	3	0.8	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	...	-
23	00	3	0.8	3
			0.4	7
	06	3	0.8	3
			0.4	7
	12	3	0.8	3
			0.4	7
	18	3	1.2	3
			0.4	7
24	00	3	1.2	3
			0.8	7
	06	3	1.2	3
			0.8	7
	12	3	1.2	3
			0.8	7
	18	3	1.2	3
			0.8	7
25	00	3	1.2	3
			0.8	7
	06	3	1.2	3
			1.6	7
	12	3	1.2	3
			1.6	7
	18	3	1.2	3
			1.2	7
26	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
			1.6	7
	18	3	1.2	3
			1.2	7
27	00	3	1.2	3
			1.2	7
	06	3	1.6	3
			1.2	7

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
12	CHA	eP	20	10	57		5.8
		i		11	04		
		S		12	05		
13	SHL	iP	00	44	29	CE	
13	SHL	iP	01	03	44	DNW	
13	SHL	iP	02	16	21	CSW	1.5
		eS		16	43		
13	NDI	i	05	42	17		
13	BHK	iPn	07	03	35	CS	1.4
		iSn		23	54.2		
13	NDI	iPn	07	24	06	R	4.8
		iSn		25	03		
	DDI	eP	07	24	08		
		e		24	53		
	P00	eP	07	28	41		
13	BOK	e	08	10	58		
13	BOK	e	08	47	22		
13	SHL	iP	09	51	56	D	
13	BOK	e	11	01	31		
13	DDI	eP	11	20	45.7		
13	NDI	iPg	14	28	47.8	C	0.6
		iSg		28	56		
13	SHL	eP	16	27	00		
13	SHL	iP	18	04	57	CNW	2.6
		iS		05	30		
13	NDI	eP	18	29	41		
		iS		31	15		
13	NDI	eP	20	30	15		
13	NDI	eP	23	34	24		
13	SHL	iP	23	52	14	C	
	CHA	iP	23	52	53	C	
	MDR	e	23	53	30		
	KOD	iP	23	53	52	DSE	
	NDI	iP	23	54	01.8	DS	
	DDI	iP	23	54	00.6	D	
	P00	eP	23	54	16		
14	SHL	iP	00	34	00	CSE	
14	Epc: 14.6°N, 56.4°E, Aralion sea. Depth = 23 Kms (USCGS). H= 00h 47m 04s (USCGS). Mag. = 5.0 (CGS).						
	BOM	e	00	50	54		
	P00	eP	00	51	05		
	NDI	iP	00	52	18.4		
14	DDI	iP	00	52	33	D	
	SHL	iP	00	53	56	CSE	
	BHK	e	01	00	04		
14	SHL	iP	01	21	59	CSE	
14	P00	eP	12	53	51		
14	SHL	ePg	17	05	48		
14	CHA	iP	18	17	45.6	D	2.1
		S		18	12.5		
	SHL	iP	18	17	46	DNE	2.2
		eS		18	15		
14	SHL	ePg	18	20	26		0.6
		eSg		20	34		
14	NDI	i	18	35	11		
14	DDI	eP	18	42	44		
		i		45	50		
	NDI	eP	18	43	05	D	16.4
		eS		46	08		
14	P00	eP	18	52	51		
14	SHL	iP	19	18	31	DNE	
14	SHL	iP	20	08	47	CSE	
	CHA	iP	20	09	23	D	
	P00	eP	20	10	24		
	NDI	eP	20	10	26		
14	DDI	iP	20	47	53		
	NDI	eP	20	48	09		
	CHA	iP	20	48	27	C	5.3
		eS		49	29		
14	P00	eP	20	52	44		
14	P00	eP	22	12	05		
14	DDI	iP	23	05	32	R	
	NDI	eP	23	06	32		6.5
		iS		07	48		
	BHK	e	23	07	38		
	P00	eP	23	08	55		
14	Epc: 60.1°S, 27.0°W. H = 23h 18m 41.6s. Depth 33 Kms (USCGS). Mag. 6.2 (CGS).						
	BHK	e	23	34	14		
		i		36	36		
		i		38	21		
		i		45	01		
		i		48	17		
	KOD	iPKP	23	37	07.2	SW	
		iSKS		43	32.0		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.		DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
14	BOM	ePKP	23	37	12			15	BOM	e	04	32	34		
		e		37	56				BHK	i	04	36	45		
		i		39	12					e	05	15	19		
		eSKS		43	44			15	SHL	eP	06	24	11		
	POO	eP	23	37	14			15	Epc: 60.2°S, 26.8°W, South Snadwich Islands Region. Depth = 33 Kms (USCGS). H=06h 22m 07s(USCGS). Mag. = 5.4 (CGS).						
	VIS	ePKP	23	37	24				NDI	eP	06	40	56		
		e		44	09			15	NDI	i	07	29	27		
		i		48	08					i		29	47		
		i		54	14			15	SHL	iP	07	58	25	C	
	NDI	i	23	37	31		117.0		NDI	i	07	59	23		
		ePKP		37	34				KOD	eP	08	00	26		RSW
		PP		39	06					i		00	26.4		
		e		40	44					i		00	26.7		
		SKS		44	26			15	POO	eP	09	44	12		
		PS		49	04			15	CAL	e	11	17	57		
		PPS		50	23			15	Epc: 60.3°S, 26.7°W, South Sandwhich Islands Region. Depth 1 33 Kms (USCGS). H = 11h 51m 55.7s (USCGS). Mag. = 5.7 (CGS).						
		i		56	03				NDI	ePKP	12	10	46		
		SSS	24	00	02				BHK	ePKP	12	10	50		
	DDI	iPKP	23	37	36	D	120.0			PP		12	34		
		PP		39	25					i		14	06		
		SKS		44	32				DDI	iPKP	12	10	54		R 117.0
		SKKS		46	06					eSKS		17	45		
		SS		55	37				SHL	iP	12	10	55		D
		SSS	00	00	26				CHA	i	12	10	58		
	SHL	iP	23	37	41		DN		POO	ePKP	12	11	14		
	MDR	ePKP	23	37	49					e		17	04		
		i		38	09				BOM	ePKP	12	11	15		
		i		40	26					i		20	38		
		e		43	49				MDR	ePKP	12	11	44		
		i		47	10					e		17	54		
	POO	ePKP	23	37	55				PBA	e	12	12	06		
		e		43	51					i		18	32		
		e		47	20				NDI	ePKP	12	12	22		
	BOK	e	23	39	09					e		19	10		
		i		44	31					e		22	16		
		i		46	00					e		33	10		
	CAL	i	23	39	16				KOD	i	12	16	46		
15	NDI	e	02	43	42					e		25	34		
15	NDI	ePg	03	07	24.5		0.8		POO	eP	14	06	37		
		iSg		07	34.5										
15	SHL	iP	03	41	10	C									
	POO	eP	03	42	35										
	NDI	i	03	42	42										
15	NDI	eP	03	56	35		7.0								
		iS		57	56										
15	PBA	i	04	31	07										
	BOK	e	04	32	01										
	MDR	e	04	32	03										
		e		35	20										
		e	05	09	26										

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.		
15	CHA	eP	14	11	37			
	SHL	eP	14	12	56			
15	SHL	iP	14	27	19		D	
15	CHA	iPg	14	37	36.2		C	2.1
		Sg		37	53.2			
	SHL	eP	14	38	08			
		e		38	15			
		e		38	54			
15	Epc: 28.8°N, 121.4°E, Taiwan Region. Depth 47 Kms (USCGS). H = 17h10m 46.8s (USCGS). Mag. 5.5 (CGS).							
	TOC	eP	17	16	11			
	PBA	eP	17	16	54			
		e		17	51			
		i		22	22			
	CHA	iP	17	17	05		D	31.6
		eS		22	14			
		i		23	38			
		i		31	05			
	BOK	iP	17	17	15		W	33.0
		PP		18	25			
		PPP		18	45			
		iS		22	33			
		SS		24	41			
	VIS	eP	17	17	46			36.4
		e		19	18			
		eS		23	28			
	DDI	eP	17	18	14			39.3
		eS		24	16			
	NDI	iP	17	18	19		C	39.5
		PP		20	05			
		eS		24	22			
		SS		27	09			
	MDR	eP	17	18	23			39.5
		PP		19	58			
		PcP		20	31			
		eS		24	26			
		LQ		27	28			
		SSS		27	50			
		ScS		28	28			
	BHK	eP	17	18	27			40.8
		PP		20	04			
		eS		24	39			
	KOD	iP	17	18	53		DNE	44.1
		eS		25	26			
	POO	iP	17	18	57		C	44.7
		eS		25	33			
	BOM	eP	17	19	03			45.5
		iS		25	45			
		PS		25	53			
		PPS		26	00			
15	SHL	iP	17	30	26		CSW	
	NDI	eP	17	32	17			
	KOD	iP	17	32	51		DE	
	POO	iP	17	32	55			
15	POO	eP	18	08	01			
15	NDI	iPg	18	59	06.1		DSE	0.25
		iSg		59	09.3			
15	NDI	iSg	18	59	13.5			
		iSg		59	18			
15	NDI	ePg	18	59	23			0.17
		iSg		59	25.2			
15	NDI	iPg	18	59	40		W	
		iSg		59	43.7			
15	NDI	iPg	19	00	33		DSE	0.23
		iSg		00	36			
15	PBA	ePg	19	48	12.4			0.2
		iSg		48	14.4			
16	SHL	iP	00	36	57		DSE	
16	SHL	iP	02	07	39		CE	
16	SHL	iP	03	00	15		CS W	
	DDI	iP	03	00	33.5		C	
16	SHL	iP	07	40	12		CNW	1.8
		eS		40	36			
16	Epc: 1.8°S, 134.3°E, West New Guinea Region. Depth = 21 Kms (USCGS). H = 07h 50m 39.7s (USCGS). Mag.= 5.4 (CGS).							
	SHL	iP	07	59	28		CSW	
	CHA	i	08	00	02			
	KOD	iP	08	00	32.5		CNW	
	NDI	eP	08	01	02			
	DDI	iP	08	01	03.7		C	
	POO	eP	08	01	04			
16	SHL	iP	08	07	27		DSE	
16	BOK	e	10	05	32			
16	SHL	iP	17	17	47		D	
16	SHL	iP	17	22	36		CSE	
	DDI	eP	17	22	52			
	NDI	eP	17	23	01			
16	SHL	iP	20	10	04		C	
16	NDI	eP	20	56	19			
16	SHL	iPg	20	56	23		CSW	1.2
		eSg		56	39			
	SHL	iP	23	13	16		D	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
17	SHL	iPg	00	49	33	DNW	1.1
		iSg		49	47		
17	SHL	iP	02	24	22	C	
17	NDI	iP	03	04	19	R	
17	NDI	i	08	42	52		
	NDI	iP	08	43	11.5	SC	8.5
		iS		44	19		
	BHK	e	08	43	55		
	DDI	i	08	44	42		
17	P00	eP	08	48	33		
17	K0D	iP	11	23	08	D	
	NDI	eP	11	23	27		
17	NDI	eP	16	59	02		
17	NDI	eP	17	38	46		
17	NDI	iP	17	50	07.2	R	
17	SHL	iP	19	35	13	D	
17	P00	e	20	44	36		
		e		54	30		
17	B0M	e	20	47	13		
	BHK	i	20	47	22		
17	B0M	e	21	24	-		
17	BHK	e	21	49	10		
17	Epc: 9.4°S, 115.1°E, South of Bali Island. Depth = 65 Kms (USCGS). H = 23h 16m 45s (USCGS). Mag. = 5.2 (CGS).						
	SHL	iP	23	24	27	CNW	
	K0D	iP	23	24	33.7		
	CHA	iP	23	24	57	C	
	P00	eP	23	25	27		
	NDI	iP	23	25	51.5	DS	
17	SHL	iP	23	30	11	C	
18	SHL	eP	00	43	10		
	NDI	eP	00	44	28		
18	PBA	ePg	01	31	44.5		0.5
		iSg		31	50.5		
18	NDI	eP	02	08	33		
18	Epc: 42.3°N, 142.8°E, Hokkaido, Japan Region. Depth=73 Kms (USCGS). H = 05h 22m 31.2s (USCGS). Mag. = 5.1 (CGS).						
	SHL	iP	05	30	40	D	
	CHA	iP	05	31	04	C	
18	DDI	e	05	31	31		
	NDI	iP	05	31	49	CS	
	P00	iP	05	32	48	D	
	K0D	iP	05	33	06		
18	DDI	e	07	00	16		
	NDI	iP	07	00	26.2	R	
		i		00	33		
	K0D	i	07	00	27	C	
18	SHL	iPg	07	03	06		
18	SHL	iP	07	23	59	DSE	
18	NDI	e	09	29	06		
		i		31	30		
18	NDI	eP	09	34	42		
18	NDI	eP	09	48	55		
		i		49	38		
18	NDI	eP	09	57	14		
		i		57	52		
		i		58	52		
18	NDI	iSg	11	14	25		
18	NDI	iPn	11	25	23.5	CSW	2.9
		iPg		25	33		
		eSn		26	00		
		i		26	10		
		i		26	17		
18	P00	eP	11	27	32		
18	P00	eP	12	02	29		
18	NDI	eP	12	03	43		
	SHL	eP	12	05	17		
18	SHL	iP	12	21	56	CSW	
18	NDI	eP	12	24	42		
18	P00	eP	12	25	15		
18	Epc: 22.6°N, 102.1°E Yunan province, China. Depth = 33 Kms (CGS). H= 14h 15m 57.2 (USCGS). Mag. = 5.4 (CGS)						
	T0C	eP	14	17	59		
	SHL	iP	14	18	15	CNW	9.5
		iS		20	03		
	CAL	e	14	19	10		
	CHA	iP	14	19	17	D	
		i		24	07		
	B0K	iP	14	19	26	W	15.3
		eS		22	17		
	PBA	e	14	19	31		
		e		22	45		
	VIS	iP	14	20	10		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
18	MDR	eP	14	21	00		24.1
		eS		25	16		
	NDI	iP	14	21	01	EC	23.5
		eS		25	12		
	BHK	iP	14	21	14		25.3
		eS		25	38		
		LQ		26	16		
		SS		26	33		
	POO	eP	14	21	35		29.1
		eS		26	27		
	KOD	iP	14	21	39	DE	28.7
		i		21	39.3		
		eS		26	26		
	BOM	eP	14	21	44		30.4
		e		21	48		
		eS		26	45		
		e		26	50		
	HYD	e	14	29	32		
18	Epc: 60.4°S, 27.0°W, South Sandwhich Islands Region. Depth = 33 Kms (USCGS). H = 15h 14m 24.9s (USCGS). Mag. 5.4 (CGS).						
	NDI	eP	15	33	15		
	SHL	iP	15	33	25	C	
18	SHL	iPg	16	04	39	DSE	
18	SHL	eP	17	45	47		2.4
		eS		46	17		
18	NDI	eP	18	17	10	D	
18	SHL	iP	18	17	20	D	
18	SHL	iP	19	50	09	CSW	
18	NDI	eP	19	52	02		
18	Epc: 27.8°N, 54.3°E, Southern Iran. Depth = 16 Kms (USCGS). H = 20h 43m 53.3s (USCGS). Mag. = 6.2 (CGS).						
	BOM	iP	20	48	19	SEC	19.7
		i		48	27		
		PP		48	36		
		i		48	43		
		eS		51	56		
		LQ		52	03		
		e		52	11		
	BHK	iP	20	48	23		19.9
		PP		48	41		
		eS		52	02		
		i		54	02		
	NDI	iP	20	48	30	SEC	20.5
		iS		52	15		
		PcS/ScP	56	09			
	POO	iP	20	48	31	CSE	20.7
		eS		52	18		
	SEH	iP	20	48	41	NE	22.1
		eS		52	41		
	HYD	eP	20	49	20		
		eS		53	38		
		SS		54	48		
	KOD	iP	20	49	47.3	CSW	29.3
		i		49	48		
		i		54	36		
		iS		54	33		
	VIS	iP	20	49	47		
	MDR	iP	20	49	49	CW	28.7
		iS		54	38		
		SS		56	03		
	BOK	iP	20	49	53	EC	
	CHA	eP	20	49	58		
		i		56	18		
	CAL	eP	20	50	17		
	SHL	iP	20	50	34	CSE	
	PBA	iP	20	51	27		
		i		57	25		
18	SHL	iPg	22	59	55	CNE	
		iSg	23	00	08		
19	SHL	iP	02	17	19	DSE	
19	NDI	i	03	53	37		
		i		54	19.5		
19	Epc: 47.6°N, 153.8°E, Kurile Islands. Depth = 80 Kms (USCGS). H = 04h 24m 05.1s (USCGS). Mag. = 5.1 (CGS).						
	SHL	iP	04	33	15	DNE	
	NDI	iP	04	34	10	C	
		i		34	30		
	POO	iP	04	35	10	D	
		i		35	30		
	KOD	i	04	35	32	D	
	KOD	iP	04	35	52	DNE	
19	SHL	iP	05	00	15	DNE	
	NDI	iP	05	01	43	DS	
	POO	iP	05	02	28.5	D	
	KOD	iP	05	02	34.0	CW	
19	Epc: 23.9°N, 97.6°E, H = 05h 03m 46.6s. Depth 15 Kms. Mag. 5.1 (CGS).						
	TOC	eP	05	04	50		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	∠ Deg.		
19	SHL	iP	05	05	10		CNW	5.3
		iS		06	13			
	CHA	iP	05	06	11		D	
		i		08	20			
		i		09	10			
	BOK	eP	05	06	22			11.2
		iS		08	29			
		SS		08	44			
	VIS	eP	05	07	21			
	CAL	eP	05	07	40			
	DDI	eP	05	08	04			
	NDI	eP	05	08	06			
	MDR	eP	05	08	22			20.7
		PP		08	40			
		eS		12	09			
		LQ		12	19			
		SSS		12	48			
	BHK	i	05	08	24			
		i		12	09			
	POO	eP	05	08	53			23.2
		eS		13	02			
	BOM	eP	05	09	00			23.7
		eS		13	13			
		e		13	25			
		i		14	42			
	KOD	iP	05	09	02		RSE	
		e		09	05			
	PBA	i	05	10	45			
19	Epc: 3.7°S, 144.2°E, H = 06h 06m 37.8s. Depth = 19 Kms (USCGS). Mag. = 5.2 (CGS).							
	SHL	iP	06	16	35		DE	
	KOD	e	06	17	38		DSE	
	POO	eP	06	18	05			
19	SHL	iP	07	14	50		CS	
19	BOK	e	08	55	19			
19	SHL	iP	11	05	45		CW	
19	NDI	eP	12	18	01			
19	SHL	iPg	13	49	59		N	
19	SHL	iP	15	32	41		DNW	
19	NDI	eP	17	19	42			
19	NDI	eP	18	27	06			
19	SHL	iP	21	29	07		CNW	
19	SHL	iPg	22	19	04		CNE	
19	CHA	iPg	22	32	35		D	

DATE	STN	PHASE	H.	M.	S.	∠ Deg.		
20	SHL	eP	00	36	33			
	POO	iP	00	37	19.5		D	
20	NDI	ePg	01	02	30			0.31
		iSg		02	34			
20	SHL	iP	02	30	41		CNW	
20	SHL	iP	03	38	49		CS	1.5
		eS		39	11			
20	POO	iP	06	26	06.1		C	
20	SHL	iP	06	34	08		DNW	4.7
		eS		35	04			
20	BOK	e	07	57	17			
20	NDI	i	08	44	28			
	BOK	e	08	46	20			
20	NDI	e	09	42	56			
	SHL	iP	09	52	22		D	
20	POO	eP	09	54	05			
20	BOK	e	10	11	18			
20	SHL	iP	11	59	02		CE	
20	POO	eP	12	00	39			
20	SHL	iP	13	59	57		DSW	
20	CHA	iP	14	00	50			
20	POO	eP	14	52	34			
	NDI	iP	14	52	35.3		C	
20	NDI	iPg	15	18	56.1		SC	
		iSg		19	11			
20	POO	eP	18	01	32			
20	Epc: 44.7°N, 150.4°E, H = 20h 32m 41.8s, depth=45 Kms (USCGS). Mag. 4.7(CGS).							
	SHL	iP	20	41	35		CW	
	CHA	IP	20	41	56		D	
	NDI	eP	20	42	37			
	POO	eP	20	43	35			
	MDR	e	20	43	37			
		e		43	47			
	KOD	i	20	44	06		D	
20	POO	i	22	01	10			
20	NDI	i	23	07	36			
		i		12	18.5			
20	Epc: 24.1°N, 96.6°E, Burma China Border Region. Depth = 28 Kms (USCGS). H = 23h 37m 21.8s (USCGS). Mag. = 5.2 (CGS).							

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
20	TOC	eP	23	38	29		
		i		38	37		
	SHL	iP	23	38	42	CNW	5.2
		eS		39	44		
	CHA	iP	23	39	44		
		i		42	07		
		i		43	10		
	BOK	eP	23	39	57		
		i		42	18		
		i		42	30		
	VIS	eP	23	40	54		
	CAL	eS	23	41	06		
	DDI	eP	23	41	37		
		iS		45	03		
		i		48	52		
	NDI	eP	23	41	39	WC	19.4
		eS		45	13		
	BHK	iP	23	41	54		20.7
		eS		45	41		
	MDR	eP	23	41	56		20.9
		eS		45	45		
		SS		46	16		
	POO	eP	23	42	24		23.6
		eS		46	36		
	BOM	eP	23	42	32		25.4
		e		46	50		
		eS		46	57		
	KOD	iP	23	42	37	DSE	
		i		42	38		
		i		42	38.7		
	PBA	i	23	44	16		
	HYD	eP	23	45	31		
		eS		47	28		
20	SHL	iP	23	54	15	CNW	
21	SHL	iP	05	01	16	D	
21	SHL	iP	05	29	36	C	
21	SHL	iPg	05	45	24		
		iSg		45	35		
21	SHL	iP	06	10	41	C	
21	SHL	iP	09	13	07	D	
21	BOK	e	09	58	27		
21	BOK	e	10	10	11		
21	NDI	i	10	44	09		
21	SHL	iP	11	10	33	C	
	TOC	eP	11	11	02		
21	SHL	iP	11	26	09	C	

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
21	CAL	eP	11	28	21		
	CHA	e	11	29	08		
	NDI	eP	11	29	10		
	BOK	e	11	29	27		
	POO	eP	11	30	02		
21	BOM	e	11	34	--		
		e		38	-		
21	BHK	e	11	38	36		
21	SHL	iP	17	59	26		
21	NDI	iP	18	01	45.2	D	
21	SHL	iP	20	00	10	C	
21	SHL	eP	20	31	32		
21	SHL	iP	22	25	19	D	
21	SHL	eP	22	35	35		
22	SHL	iP	00	14	05	C	
	POO	eP	00	15	51		
	KOD	iP	00	16	16.8	DNE	
22	SHL	iP	03	00	39	DE	
22	NDI	i	04	16	17.5		
22	Epc: 37.3°N, 72.1°E. H = 04h 51m 12.3s. Depth = 135 Kms (USCGS). Mag. 4.6 (CGS).						
	BHK	iP	04	52	53	C	6.7
		e		54	06		
		iS		54	08		
	NDI	iP	04	53	27.0		9.1
		i		53	29.5		
		iS		55	08		
		i		55	12		
	CHA	iP	04	54	57		
	POO	iP	04	55	24.6	D	
	SHL	iP	04	55	43	DSW	
22	BOK	e	07	42	21		
22	SHL	iP	08	13	37	DW	
	CHA	eP	08	14	35		
		e		20	08		
22	BOK	e	08	31	53		
22	BOK	e	09	00	54		
22	PBA	iPg	09	24	10.1		
		iS*		24	19.6		
22	NDI	eP	11	30	28		7.0
		iS		31	49		
22	SHL	iP	11	33	35	D	
22	POO	eP	11	34	38		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	△ Deg.	
22	SHL	eP	12	54	56	2.5	
		eS		55	27		
22	SHL	iP	13	58	55	DSE	
22	KOD	iP	14	00	09.4	C	
	NDI	iP	14	00	37	C	
	POO	iP	14	00	41	D	
22	SHL	iP	16	23	57	CSW	1.3
		iSg		24	14		
22	NDI	eP	18	30	20		
	POO	iP	18	31	06.4	D	
22	NDI	i	20	10	06.5		
22	Epc: 26.2°N, 104.4°E, Eastern China. Depth = 9 Kms (USCGS). H = 21h 54m 12.1s (USCGS). Mag. = 5.3 (CGS).						
	SHL	iP	21	56	58	CNE	
	CHA	iP	21	57	53	C	
	NDI	eP	21	59	30		
	MDR	e	21	59	51		
	NDI	eP	22	00	16		
	KOD	iP	22	00	25.5	RNE	
23	Epc: 44.7°N, 150.3°E, Kurile Islands region. Depth = 34 Kms. H = 01h 29m 47.2s (USCGS). Mag. 5.2 (CGS).						
	SHL	iP	01	38	43	CSW	
	BHK	i	01	39	39		
		e	02	03	50		
	NDI	eP	01	39	45		59.7
		eS		47	55		
	MDR	e	01	40	39		
		e		40	53		
	POO	iP	01	40	43	C	
		e		50	43		
	KOD	iP	01	41	17.8	DNE	
		eP		41	18		
23	SHL	iP	02	16	40	CSE	
23	KOD	eP	02	18	51	DNW	
23	KOD	i	02	18	51.3		
		i		18	51.7		
23	NDI	i	02	48	06.5		
23	NDI	eP	04	44	33		
23	SHL	iP	05	25	01	DSW	
23	NDI	eP	05	28	01		
23	NDI	eP	05	59	23		
23	POO	eP	06	21	22		
23	NDI	iP	07	38	41	CSE	13.6
		iS		41	14		
23	SHL	eP	07	41	14		
23	POO	eP	07	43	51		
23	NDI	eP	07	45	05		
23	BOK	i	07	54	57		
23	BOK	e	10	42	25		
23	NDI	eP	14	05	36		
23	PBA	i	14	14	25		
23	SHL	iP	15	55	07	D	
23	SHL	iP	17	27	53	E	
23	SHL	iP	18	33	17	DSW	
23	Epc: 59.5°S, 26.3°W, South Sandwhich Island Region. Depth = 33 Kms (USCGS). H = 18h 25m 53.0s (USCGS). Mag. = 5.6 (CGS).						
	NDI	iPKP	18	44	41.7	D	
	CHA	iPKP	18	44	51	D	
	SHL	iP	18	44	53	DSW	
23	SHL	iPg	18	59	51	DNW	0.9
		eSg	19	00	03		
	CHA	eP	19	00	32		4.3
		eS		01	23		
23	BHK	e	19	23	22		
23	BOK	e	19	44	25		
	CHA	eP	19	44	40		8.0
		i		45	49		
		eS		46	12		
	SHL	eP	19	46	21		
	POO	eP	19	47	47		
23	SHL	eP	20	12	11		
23	CHA	e	20	50	03		
23	CHA	iPg	20	57	37.8	D	0.9
		Sg		57	49.3		
23	SHL	iP	22	01	39	CNE	
23	POO	iP	22	03	05.3	C	
23	SHL	iP	23	14	13	CNE	2.4
		eS		14	43		
	CHA	iP	23	15	08	D	
23	CHA	iPg	23	15	46.1	C	1.1
		eSg		16	00.1		
24	SHL	eP	02	54	20		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
24	SHL	iP	04	00	29	DNW	1.6
		eS		00	52		
24	SHL	iPg	08	05	47		0.6
		eSg		05	55		
24	KOD	eP	09	16	44	DNE	
		i		16	44.1		
24	Epc: 27.4°N, 54,.5°E, Southern Iran. Depth=33Kms (USCGS).H=10h 00m 46.4s (USCGS). Mag. 5.4(CGS).						
	BOM	eP	10	05	06		19.5
		i		05	09		
		PP		05	24		
		e		08	35		
		eS		08	41		
	BHK	eP	10	05	14		20.2
		eS		08	56		
		e		12	39		
	POO	eP	10	05	17		20.6
		eS		09	03		
	NDI	iP	10	05	21	WR	20.7
		eS		09	08		
	DDI	e	10	05	31		
		i		09	21		
	CHA	iP	10	06	36	D	
	KOD	iP	10	06	37.6	DE	
		i		06	38.5		
	MDR	e	10	06	37		
		e		11	18		
	SHL	eP	10	07	23		
24	SHL	iP	10	05	08	D	
24	SHL	iP	10	52	01	CNW	
24	POO	eP	12	11	24		
24	SHL	iP	16	51	33	DSE	1.5
		iS		51	53		
24	SHL	iP	17	01	22	CSE	
24	BOM	e	17	26	22		
		e		29	35		
24	SHL	iP	17	47	28	C	
24	POO	iPg	18	27	53.7	D	
		iSg		28	11.4		
24	NDI	iSg	19	28	59		
24	POO	iPg	20	12	24.6	D	1.3
		iSg		12	42		
	BOM	i	20	12	56		
24	SHL	iP	20	18	36	CNW	3.4
		eS		19	17		
24	SHL	iPg	21	30	05		
24	SHL	iPg	23	00	27	NW	
		iSg		00	41		
24	SHL	iPg	23	54	51	CNE	0.7
		iSg		55	00		
25	SHL	iP	01	24	17	CSW	1.9
		iSg		24	45		
25	CHA	iP	01	25	18	D	6.8
		S		26	37		
25	POO	eP	01	28	07		
25	NDI	e	01	30	02		
25	NDI	iPg	03	31	01	R	0.65
		iSg		31	09.5		
25	EPC: 19.2°N, 145.7°E, Mariana Islands. Depth = 133 Kms (USCGS).H=04h 49m 36.9s 36.9s (USCGS). Mag. 5.5(CGS).						

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
25	SHL	iP	04	58	21	C	
	CHA	eP	04	58	50		
	NDI	iP	05	00	17.5	WR	
	POO	eP	05	00	50		
25	NDI	ePn	05	42	13		
		eSn		42	33.5		
25	EPC: 19.7°S, 69.5°W, Norther Chile (i) Depth=123Kms(USCGS).H=05h 57m 26.1s(USCGS). Mag. = 5.1 (CGS). (ii) 18.3°N, 100.8°W, Guerred, Mexico. Slight Damage at Altamiran Depth=60kms (USCGS).H=06h 02m 26.4s (USCGS).Mag.=4.7-5.1(BRK),6.1(CGS).						
25	POO	eP	06	16	51		
	NDI	iPKP	06	16	58.4		
		i		17	01.5		
		i		17	04.0		
	NDI	iPKP	06	17	29.5	DR	
	SHL	iPKP	06	18	01	C	
		i		18	44		
		i		21	40		
		i		25	27		
	CHA	i	06	19	09		
		i		21	39		
	NDI	iPKP	06	19	57		
		iS		21	37		
		e		25	06		
		e		25	32		
	POO	ePKP	06	20	53		
		i		21	51		
	PBA	iPKP	06	22	03		
	MDR	e	06	22	05		
		e		22	15		
	KOD	iPKP	06	22	16.5	CSW	
		i		22	17.0		
25	BHK	e	07	19	26		
25	SHL	iP	08	49	19	D	
25	SHL	ePn	09	57	54		1.4
		eSg		58	14		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
25	CHA	eP	12	27	12	C	
25	NDI	iP	14	05	27,5	R	10.5
		eS		07	27		
	CHA	iP	14	06	52	D	
	SHL	iP	14	07	34	DSW	
25	SHL	iP	14	58	37	CNW	
	CHA	eP	14	59	38		
25	Epc: 53.0°N, 159.7°E, Off East Coast of Kamchatka. Depth = 48 Kms (USCGS). H = 20h 19m 43s (USCGS). Mag. = 5.3 (CGS).						
	SHL	iP	20	29	23	CSW	
	CHA	iP	20	29	37	D	
25	POO	eP	20	31	07		
25	Epc: 35.4°N, 140.5°E, Near East Coast of Honshu, Japan. Depth = 76 Kms (USCGS). H = 23h 49m 00.6s (USCGS). Mag. = 4.7 (CGS).						
	SHL	iP	23	56	50	CSW	
	CHA	e	23	57	19		
	NDI	iP	23	58	13	DE	
	POO	iP	23	59	06.3	C	
26	SHL	iP	04	28	07	DE	
	CHA	iP	04	28	52	C	
	KOD	iP	04	30	39	RNE	
		eP		30	39		
	POO	eP	04	30	43		
	Epc: 27.5°N, 92.6°E, India China Border, depth = 33 Kms (USCGS). H = 05h 10m 58.1s (USCGS). Mag. = 5.6 (CGS).						
	SHL	iP	05	11	31	DNE	2.2
		iS		11	59		
	TOC	iP	05	11	31	E	
	CHA	eP	05	12	13		5.0
		iPg		12	37		
		iS		13	12		
		iS*		13	33		
	CAL	iP	05	12	36	NE	6.6
		iS		13	53		
	BOK	iP	05	12	41	E	6.8
		PP		12	51		
		iS		14	00		
		SS		14	14		
		i		14	35		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
26	DDI	iP	05	14	03	D	12.3
		PP		14	13		
		PPP		14	21		
		LQ		16	16		
		iS		16	23		
		SS		16	36		
		SSS		16	48		
	NDI	iP	05	14	07	DE	12.5
		PP		14	17		
		iS		16	29		
		i		16	34		
	BHK	e	05	14	26		
		i		14	37		
		S		17	00		
		SS		17	26		
		i		18	09		
	SEH	e	05	14	40		
		e		17	01		
		e		17	10		
		i		18	43		
	PBA	eP	05	14	42		16.0
		i		17	29		
		iS		17	40		
26	MDR	iP	05	15	12	CW	17.7
		PP		15	22		
		PPP		15	34		
		eS		18	28		
		SS		18	45		
		SSS		19	00		
		PcP		19	45		
	POO	eP	05	15	23		
		i		15	59		
		e		19	45		
	BOM	eP	05	15	32		20.0
		e		15	34		
		PP		15	51		
		eS		19	12		
		LQ		19	18		
		i		21	32		
		i		21	45		
		PcS		23	24		
	GOA	iP	05	15	43	C	
	KOD	iP	05	15	54	DNE	
26	SHL	iP	05	44	23	DNE	
		iS		44	49		
	CHA	eP	05	45	20		
	BOK	e	05	46	37		
26	NDI	e	05	49	21		
26	POO	eP	05	48	18		
26	SHL	iP	05	59	14	DNE	2.0
		iS		59	40		
	CHA	e	06	00	22		
26	BOK	e	06	02	14		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
26	SHL	iP	06	04	23	DE	
		iS		04	49		
	CHA	eP	06	05	06		6.8
		iS		06	25		
	BOK	e	06	05	14		
	NDI	eP	06	07	02		12.4
		iS		09	23		
	CAL	i	06	07	12		
	POO	eP	06	08	16		
26	BOM	e	06	14	23		
26	NDI	e	06	59	09		
26	SHL	iP	07	03	25	D	2.2
		iS		04	25		
26	SHL	iP	07	34	41	D	2.0
		iS		35	07		
26	SHL	iP	08	17	22	D	2.0
		eS		17	48		
	CHA	iP	08	18	25	D	4.6
		iS		19	20		
26	BOK	e	08	46	30		
26	SHL	iP	09	17	17	D	2.1
		iS		17	44		
	CHA	iP	09	18	05	C	5.9
		eS		19	14		
26	BOK	e	10	35	20		
26	BOK	e	11	20	49		
26	SHL	eP	11	31	06		2.0
		eS		31	32		
	NDI	iP	11	31	32	DS	9.3
		eS		33	18		
26	NDI	eP	11	53	22		11.8
		eS		55	36		
26	SHL	eP	13	26	03		2.0
		eS		26	28		
26	PBA	i	14	44	57		
26	SHL	iP	15	29	13	DNE	2.1
		iS		29	40		
26	NDI	ePn	18	38	53		3.5
		eSn		39	35		
26	SHL	iP	19	09	13	DSE	
26	SHL	iP	19	43	03	CSE	
		e		43	37		
		e		45	12		
	BOK	e	19	43	42		
	CHA	eP	19	43	49		
	CAL	i	19	44	51		
26	KOD	iP	19	44	56	RE	
		i		44	57		
	POO	eP	19	45	22		
	NDI	eP	19	45	26		
26	SHL	iP	21	26	35	C	
26	SHL	iP	21	38	43	DNE	
		[illegible]		39	09		
		e		39	40		
	CHA	eP	21	39	46		
26	SHL	iP	22	01	37	DNE	2.1

27 Epc: 13.9°N, 146.4°E, South of Mariana Islands. Depth = 65 Kms (USCGS).
H = 03h 19m 58.2s (USCGS).
Mag. = 5.0 (CGS).

SHL	iP	03	29	05	C
CHA	iP	03	29	37	D
NDI	eP	03	30	35	
27 SHL	iPg	05	12	43	CSE
27 NDI	iPn	08	00	02.3	D 2.1
	iSn		00	29.0	
27 BOK	e	08	20	43	
27 BOK	e	08	56	12	
27 POO	eP	09	55	44	
27 SHL	iP	09	58	43	DE 2.0
	iS		59	09	
NDI	eP	09	59	52	
27 NDI	iP	12	55	20	B
27 SHL	eP	17	43	28	

27 Epc: 2.7°N, 128.4°E, Halmakra, depth = 125 Kms (USCGS).
H= 18h 41m 45s (USCGS).
Mag. = 5.0 (CGS).

SHL	iP	18	49	25	CNW
CHA	iP	18	50	01	C
KOD	iP	18	50	38.5	RSE
NDI	iP	18	51	05.5	WC 1.3
POO	iP	18	51	10.3	C

27 Epc: 15.3°N, 92.7°E,
H = 19h 22m 50s (New Delhi).

PBA	eP	19	23	36	
	i		24	10	
VIS	eP	19	25	10	DNW 9.1
	eS		26	58	
SHL	iP	19	25	16	CNE 9.8
	iS		26	08	

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
27	BOK	e	19	25	30		
	CHA	iP	19	25	52	D	12.8
	KOD	iP	19	26	34.8	DSE	
		i		26	35.0		
	POO	eP	19	27	09		
		i		30	36		
	NDI	iP	19	27	21.5	DW	19.8
		i		27	39		
		iS		30	39		
	DDI	iP	19	27	29.4	C	
	MDR	ePg	19	28	01		0.2
		iSg		28	04		
	KOD	iP	19	29	19.8	CSE	
		e		29	21.0		
		i		29	22.5		
	BOM	e	19	30	55		
		e		31	23		
	POO	eP	19	39	50		
27	SHL	eP	19	43	23		1.5
		iS		43	45		
27	NDI	i	21	57	53.5		
28	SHL	eP	00	57	02		
28	NDI	iP	03	34	26.5	NR	3.5
		iS		36	05		
28	SHL	iP	05	07	06	DE	
28	MDR	e	06	10	18		
28	MDR	e	07	36	16		
28	SHL	iP	07	51	59	CNE	
28	BOK	e	09	15	58		
28	BOK	e	09	51	22		
28	NDI	i	12	43	04		
28	Epc: 27.4°N, 100.1°E, Yunan Province, China Dpeth = 33 Kms (USCGS). H = 14h 00m 22.9s (USCGS). Mag. = 6.2 (CGS).						
	SHL	iP	14	02	13	CN	7.0
		iS		03	34		
	TOC	eP	14	01	45		
		PP		01	51		
		i		02	04		
		i		02	45		
	CHA	iP	14	03	05	C	11.5
		i		03	08		
		iS		05	16		
		i		05	24		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
28	CAL	iP	14	03	12	NE	
		i		05	39		
	BOK	iP	14	03	29	WCS	12.5
		iS		05	51		
		SS		06	07		
		SSS		06	15		
	PBA	iP	14	04	27		18.4
		PP		04	34		
		PPP		04	46		
		eS		07	50		
		i		08	03		
	VIS	iP	14	04	37	NW	
		i		08	18		
	NDI	iP	14	04	54.5	ER	20.3
		i		04	58		
		PP		05	15		
		PPP		05	24		
		i		05	38		
		i		06	17		
		ee		08	26		
		iS		08	38		
		i		08	41		
		PcP		09	06		
		SS		09	21		
	BHK	iP	14	05	05		21.2
		PP		05	23		
		S		08	57		
		LQ		09	15		
		SSS		09	51		
		LR		10	31		
		M		12	08		
	SEH	iP	14	05	08	W	22.3
		iS		09	05		
	MDR	iP	14	05	34	CW	24.1
		PP		06	05		
		PPP		06	16		
		PcP		09	14		
		iS		09	50		
		LQ		10	25		
		SS		10	37		
		SSS		10	53		
	POO	eP	14	05	51		26.0
		ePP		06	32		
		eS		10	10		
	BOM	iP	14	05	59	SWC	26.6
		i		06	30		
		PP		06	42		
		PPP		06	54		
		iS		10	33		
		i		10	44		
		LQ		11	30		
		i		11	34		
		SS		11	39		
		i		11	56		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
28	KOD	iP	14	06	08	RSW	27.4
		PP		06	57		
		PcP		09	30		
		iS		10	48		
		i		10	51		
		SS		12	14		
		SSS		12	32		
	GOA	eP	14	06	08		
28	SHL	iP	15	46	08		
28	NDI	eP	15	48	51		
28	SHL	iP	16	12	45	DNw	
		e		14	09		
	CHA	eP	16	13	40		
	NDI	eP	16	15	28		
28	SHL	iP	16	44	31	CW	
	CHA	eP	16	45	25		
	NDI	eP	16	47	15		
28	SHL	iP	16	57	51	C	
		e		59	14		
	CHA	eP	16	58	47		
	NDI	eP	17	00	35		
	POO	eP	17	01	31		
	SHL	iP	17	18	29	D	
	CHA	eP	17	19	23		
	NDI	eP	17	21	13		
28	SHL	eP	17	25	43		
28	SHL	eP	18	03	33		
	CHA	iP	18	04	29	D	
	NDI	eP	18	06	19		
28	SHL	eP	19	19	57		
28	NDI	eP	20	16	58		10.6
		eS		18	59		
	CHA	iP	20	17	54	D	
		i		20	43		
	SHL	iP	20	18	36	D	
	POO	eP	20	23	21		
28	SHL	iP	20	48	39		
28	SHL	iP	20	53	41		
28	NDI	iP	20	56	26.3	C	
28	BOM	e	22	52	30		
		e		52	43		
	POO	eP	22	52	40		
28	SHL	iP	23	51	51	C	
	CHA	iP	23	52	45	D	
		i		54	53		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
28	NDI	eP	23	54	35		20.0
		eS		58	15		
	POO	iP	23	55	32	C	
29	SHL	eP	02	45	49		
29	SHL	eP	03	01	45		
29	POO	iP	04	50	26	C	
29	BOK	e	07	46	35		
29	BOK	e	07	53	45		
29	SHL	eP	07	57	29		
29	BHK	e	09	05	05		
29	NDI	iSg	10	29	29.6		
29	SHL	iPg	10	43	19	DNE	0.9
		iSg		43	31		
29	BHK	i	12	14	20		
29	DDI	eP	12	40	07		
		i		41	27		
	NDI	eP	12	40	30		
29	NDI	eP	14	14	10		
29	Epc: 8.6°S, 110.5°E, Jav. Depth = 33 Kms (USCGS). H=14h 54m 46s (USCGS). Mag. = 5.2 (CGS).						
	SHL	iP	15	02	09	C	
	POO	iP	15	03	02	D	
	NDI	eP	15	03	30		
29	NDI	eP	15	12	15		
	POO	eP	15	12	46		
29	NDI	eP	15	54	52		8.5
		iS		56	30		
29	NDI	eP	17	47	16		10.3
		eS		49	13		
	CHA	e	17	50	14		
29	SHL	eP	19	31	48		
29	SHL	eP	20	15	43		
29	SHL	iPg	22	39	21	CNE	1.2
		iSg		39	36		
29	CHA	i	23	10	13		
29	NDI	eP	23	20	04	C	
30	NDI	eP	02	56	05		
30	DDI	eP	06	03	09		
	NDI	iP	06	03	15.6	DNE	
		i		03	28		
		i		05	53		
	POO	iP	06	04	44.7	D	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
30	CHA	iP	06	04	51	D	
30	SHL	iP	06	05	29		
30	Epc: 18.3°S, 69.7°W, Northern Chile. Felt at Arequipa, Peru. Depth = 122 Kms (USCGS). H= 09h 29m 11.6s (USCGS). Mag. = 5.2 (CGS).						
	POO	iPKP	09	48	37	C	
	NDI	iPKP	09	48	42	R	
	DDI	ePKP	09	48	44		
	KOD	iPKP	09	48	45	DNW	
		i		48	46		
30	NDI	eP	19	53	36	D	
30	NDI	eP	20	41	10		
30	POO	iPg	22	43	26	D	1.3
		iSg		43	43.7		
	BOM	ePn	22	43	35		1.7
		e		43	38		
		iSn		43	58		
		e		43	59		
30	POO	iPg	22	53	02.7	D	1.3
		iSg		53	30		
	NDI	eP	22	52	18		
	BOM	iPn	22	53	12	C	1.7
		P*		53	13		
		iSn		53	34		
30	KOD	iP	22	56	42	CNW	
		i		56	41		

Earthquake Report
(Non-Instrumental Report)

List of felt earthquake reports received from voluntary observers for the Month of September 1966.

Station	Date in G.M.T.	Time in G.M.T. h. m.	No. of shocks	Duration in secs.	Intensity in R.F.Scale	Remarks
Mohanbari	11	15 58	2(2 to 3 interval)	2-3	VV	Coming from N.E.
Shillong	13	16 27	1	3	V	
Shillong	13	16 26	1	15	V	
Shillong	19	13 45	1	6	V	
Shillong	22	08 15	1	5	V	
Shillong	22	08 16	1	6	V	
Shillong	24	21 30	1	6	V	
Shillong	24	21 30	2(5 secs.10 secs interval)		V	
Gauhati	26	05 13	2(4 secs. interval)	4	IV	
Shillong	26	05 16	1	3	V	
Shillong	26	05 13	1	2	III	
North Lakhimpur	26	05 11	1	3	V	Coming from S.E.
Mohanbari	26	05 05	3	5	V	Coming from N.E.
Pasighat	26	05 12	1	3	V	

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

Station: BOMBAY (COLABA)

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
01	00	3	0.5	4.0
			0.3	3.0
	06	3	0.5	4.0
			0.4	2.7
			0.2	1.5
	12	3	0.5	4.0
			0.4	3.0
			0.2	1.9
	18	3	0.5	4.0
			0.5	2.9
			0.3	1.8
02	00	3	0.6	4.0
			0.4	2.7
			0.3	2.0
	06	3	0.7	4.2
			0.5	2.6
			0.3	2.0
	12	3	0.8	4.0
			0.5	3.1
			0.3	2.0
	18	3	0.9	4.0
			0.5	3.0
			0.3	2.0
03	00	3	0.9	3.9
			0.5	3.1
			0.3	2.0
	06	3	0.9	3.8
			0.9	2.9
			0.3	2.0
	12	3	1.0	4.0
			0.8	3.0
			0.3	2.0
	18	3	1.1	3.9
			0.9	2.7
			0.5	2.0
04	00	3	1.1	3.8
			1.0	3.0
			0.5	2.0
	06	3	1.1	3.7
			0.9	3.0
			0.3	1.8
	12	3	1.3	3.9
			0.9	3.0
			0.2	1.8
	18	3	1.3	3.9
			0.7	2.9
			2.2	1.7
05	00	3	1.2	3.7
			0.9	2.8
			0.3	1.8
	06	3	1.5	2.9
			1.1	2.2
	12	3	1.3	3.0
			0.9	2.3
	18	3	1.3	3.8
			1.0	2.9
			0.3	2.0

Station: BOMBAY (COLABA).

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
06	00	3	1.3	3.8
			1.1	2.7
			0.5	2.2
	06	3	1.5	3.0
			1.0	2.0
	12	3	1.6	3.7
			1.1	2.6
			0.3	1.7
	18	3	1.3	3.5
			0.9	2.1
			0.3	1.6
07	00	3	1.5	3.6
			1.0	2.2
	06	3	1.7	3.8
			1.5	2.6
			0.7	2.0
	12	3	1.5	3.5
			1.0	2.6
			0.8	2.0
	18	3	1.5	3.1
			0.5	2.1
08	00	3	1.1	3.5
			0.5	2.0
	06	3	1.1	4.1
			0.7	2.7
			0.4	2.0
	12	3	1.1	3.7
			0.8	2.8
			0.4	2.0
	18	3	1.0	3.8
			0.7	2.9
			0.4	1.9
09	00	3	0.9	3.7
			0.7	2.6
			0.4	2.0
	06	3	0.9	3.7
			0.5	2.5
			0.3	2.0
	12	3	0.9	4.0
			0.6	2.6
			0.4	2.0
	18	3	0.8	3.9
			0.6	2.6
			0.4	2.0
10	00	3	0.7	4.1
			0.5	2.6
			0.3	2.0
	06	3	0.9	3.6
			0.5	2.6
			0.3	2.0
	12	3	0.9	3.9
			0.5	2.6
			0.3	2.0
	18	3	0.9	3.9
			0.5	2.6
			0.3	1.8

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (COLABA)				
11	00	3	0.7	3.8
			0.5	2.6
	06	3	0.6	3.8
			0.4	2.6
	12	3	0.5	3.4
			0.4	2.6
	18	3	0.5	3.9
			0.4	2.8
12	00	3	0.5	4.0
			0.4	2.6
	06	3	0.7	3.7
			0.5	3.0
			0.3	2.0
	12	Shock in progress		
	18	Surface waves		
13	00	3	0.5	3.8
			0.3	2.8
	06	3	0.5	4.0
			0.3	2.9
	12	3	0.5	4.0
			0.3	2.9
	18	3	0.5	4.0
			0.3	2.8
14	00	3	0.5	4.0
			0.3	3.0
	06	2	0.4	3.7
	12	2	0.5	3.9
	18	3	0.5	4.0
			0.3	3.0
15	Shock in progress			
	06	3	0.3	4.0
			0.3	3.2
	12	3	0.4	4.0
			0.3	3.1
	18	Surface waves		
16	00	3	0.3	4.0
			0.3	3.0
			0.2	2.0
	06	3	0.3	4.0
			0.3	2.9
	12	3	0.3	4.0
			0.2	1.8
	18	3	0.3	4.1
			0.2	1.8
17	00	3	0.3	3.8
			0.2	2.0
	06	3	0.3	4.0
			0.2	1.8
	12	3	0.3	4.1
			0.3	3.0
	18	3	0.3	4.9
			0.3	4.0
			0.2	2.0
Station: BOMBAY (COLABA)				
18	00	3	0.3	5.0
			0.3	2.0
	06	3	0.3	3.0
			0.2	2.0
	12	3	0.3	2.9
			0.2	2.0
	18	3	0.3	4.0
			0.3	3.0
19	00	3	0.3	3.7
			0.3	3.0
	06	3	0.3	3.7
			0.3	3.0
	12	3	0.3	3.9
			0.3	2.8
	18	3	0.3	3.8
			0.2	1.8
20	00	3	0.3	4.0
			0.3	3.0
	06	3	0.3	4.5
			0.3	3.2
	12	3	0.3	4.3
			0.3	1.7
	18	3	0.3	6.3
			0.2	1.8
21	00	Shock in progress		
	06	3	0.3	6.0
			0.3	2.1
	12	3	0.4	5.0
			0.5	2.0
	18	3	0.4	6.0
			0.3	2.1
22	00	3	0.3	5.6
			0.2	3.0
	06	3	0.3	4.0
			0.3	3.0
	12	3	0.3	3.9
			0.3	3.1
			0.2	2.0
	18	3	0.3	3.2
			0.2	2.0
23	00	3	0.3	6.0
			0.3	3.5
			0.2	2.0
	06	3	0.3	3.6
			0.2	2.0
	12	3	0.3	3.9
			0.2	2.0
	18	3	0.3	4.0
			0.3	2.0
24	00	3	0.3	4.1
			0.3	2.2
	06	3	0.3	4.5
			0.2	2.2

International Seismological Centre From the ISC collection scanned by SISMOS

Station: BOMBAY (COLABA)

DATE	HOUR	K	MEAN Amplitude	MEAN Period
24	12	3	0.3	6.3
			0.3	2.4
	18	3	0.3	6.6
			0.3	3.0
			0.2	1.6
25	00	3	0.3	6.5
			0.2	1.7
	06	3	0.3	7.8
			0.3	2.2
	12	3	0.3	7.8
			0.3	2.0
	18	3	0.5	8.2
			0.3	2.2
26	00	3	0.5	8.0
			0.3	2.8
	06	3	0.5	7.7
			0.2	2.0
	12	3	0.5	8.1
			0.3	3.5
	18	3	0.6	7.9
			0.2	1.6
27	00	3	0.5	8.0
			0.4	3.8
			0.2	1.7
	06	3	0.4	8.0
			0.3	3.0
	12	3	0.5	8.0
			0.3	2.9
	18	3	0.4	7.9
			0.3	2.8
28	00	3	0.4	7.9
			0.3	3.8
			0.3	2.8
	06	3	0.5	7.0
			0.4	4.0
			0.3	3.0
	12	3	0.5	4.0
			0.3	3.0
	18	3	0.4	7.1
			0.4	3.7
			0.3	2.5
29	00	3	0.5	4.0
			0.3	3.0
	06	3	0.5	3.8
			0.3	2.8
	12	3	0.7	4.0
			0.3	3.2
			0.2	1.2
	18	3	0.9	4.0
			0.3	3.1
			0.2	2.0
30	00	3	0.9	4.0
			0.5	3.2
	06	3	1.2	4.0
			0.4	3.4
	12	1	1.3	4.2
	18	1	1.5	4.2

Station: BOKARO

DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
01	00			
	06	3	0.3	3.9
	12	3	0.4	4.5
	18	3	0.4	4.4
02	00	3	0.4	4.1
	06	3	0.4	4.2
	12	3	0.5	4.5
	18	3	0.4	4.6
03	00	3	0.4	4.5
	06	3	0.5	4.6
	12	3	0.5	4.2
	18	3	0.6	4.6
04	00	3	0.5	4.0
	06	3	0.6	5.0
	12	3	0.6	4.4
	18	3	0.6	5.1
05	00	3	0.7	4.6
	06	3	0.7	4.6
	12	3	0.7	4.4
	18	3	0.7	4.8
06	00	3	0.5	5.0
	06	3	0.7	4.8
	12	3	0.6	4.6
	18	3	0.5	4.7
07	00	3	0.6	4.6
	06	3	0.5	4.4
	12	3	0.5	4.5
	18	3	0.4	4.5
08	00	3	0.3	4.4
	06	3	0.4	4.6
	12	3	0.4	4.5
	18	3	0.3	4.4
09	00	3	0.3	4.3
	06	3	0.3	4.1
	12	3	0.3	4.0
	18	3	0.3	3.9
10	00	3	0.3	4.1
	06	3	0.3	4.3
	12	3	0.3	4.0
	18	3	0.3	4.0
11	00	3	0.4	4.3
	06	3	0.3	4.3
	12	3	0.2	3.5
	18	3	0.3	4.3
12	00	3	0.3	3.9
	06	3	0.3	4.5
	12	...	-	-
	18	3	0.2	3.6
13	00	3	0.2	3.6
	06	3	0.3	4.1
	12	3	0.3	3.8
	18	3	0.3	4.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOKARO				
14	00	3	0.3	4.4
	06	3	0.2	4.1
	12	3	0.2	4.4.
	18	3	0.2	4.3
15	00	...	-	-
	06	3	0.2	4.1
	12	3	0.2	4.1
	18	...	-	-
16	00	3	0.1	4.3
	06	3	0.2	3.8
	12	3	0.2	4.2
	18	3	0.2	4.3
17	00	3	0.2	4.4
	06	3	0.2	4.3
	12	3	0.3	4.5
	18	3	0.2	4.2
18	00	3	0.2	4.0
	06	3	0.2	4.3
	12	3	0.1	4.4
	18	3	0.2	4.2
19	00	3	0.3	5.2
	06	3	0.3	5.0
	12	3	0.2	4.7
	18	3	0.3	5.0
20	00	3	0.3	5.3
	06	3	0.3	4.5
	12	3	0.3	4.6
	18	3	.0.3	5.0
21	00	...	-	-
	06	3	0.3	5.7
	12	3	0.3	5.2
	18	3	0.3	5.2
22	00	3	0.4	5.6
	06	3	0.3	5.2
	12	3	0.3	5.3
	18	3	0.3	4.7
23	00	3	0.3	5.0
	06	3	0.3	4.8
	12	3	0.3	5.0
	18	3	0.3	4.9
24	00	3	0.3	4.8
	06	...	-	-
	12	...	-	-
	18	...	-	-
25	00	...	-	-
	06	3	0.3	4.8
	12	3	0.3	5.1
	18	3	0.3	5.1
26	00	3	0.3	5.0
	06	...	-	-
	12	3	0.5	6.7
	18	3	0.5	6.7
27	00	3	0.5	8.5
	06	3	0.5	7.8
	12	3	0.3	4.3
	18	3	0.3	4.1
28	00	3	0.2	3.7
	06	3	0.2	3.4
	12	3	0.2	3.6
	18	3	0.3	3.6
29	00	3	0.4	4.0
	06	3	0.4	3.9
	12	3	0.4	3.7
	18	3	0.7	3.9
30	00	3	0.8	4.1
	06	2	1.5	4.1
	12	2	2.4	4.3
	18	2	3.1	4.5
Station: CALCUTTA				
01	00	3	2.1	1.0
	06	3	2.1	1.0
	12	3	1.8	1.0
	18	...		
02	00	...		
	06	3	1.8	1.0
	12	3	2.0	1.2
	18	3	2.1	1.2
03	00	3	1.9	1.1
	06	3	2.6	2.0
	12	3	2.1	2.0
	18	3	3.0	2.1
04	00	3	3.0	1.2
	06	3	2.8	1.8
	12	3	2.2	1.5
	18	3	2.3	1.8
05	00	3	2.7	1.8
	06	3	2.2	1.5
	12	3	2.0	1.0
	18	3	2.0	0.8
06	00	3	2.6	0.8
	06	3	1.8	1.0
	12	3	1.9	1.0
	18	3	2.0	0.8
07	00	3	3.2	0.9
	06	3	2.1	0.9
	12	3	1.8	0.3
	18	3	2.0	0.6
08	00	3	1.5	0.9
	06	3	1.7	0.9
	12	3	1.8	0.7
	18	3	1.5	0.2
09	00	3	1.9	0.3
	06	...		
	12	3	3.0	0.9
	18	3	4.0	0.6

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: CALCUTTA				
10	00	3	3.6	0.9
	06	3	3.0	0.4
	12	3	3.4	0.5
	18	3	4.0	0.4
11	00	3	3.9	0.5
	06	3	3.1	0.9
	12	3	3.0	0.9
	18	...		
12	00	...		
	06	...		
	12	...		
	18	3	4.4	0.5
13	00	3	3.0	1.0
	06	3	3.2	1.0
	12	3	3.6	0.9
	18	3	3.6	0.9
14	00	3	3.5	0.9
	06	3	3.1	0.5
	12	3	3.0	0.2
	18	3	4.0	0.5
15	00	...		
	06	3	3.3	1.0
	12	3	3.8	0.9
	18	3	3.6	0.5
16	00	3	3.3	0.5
	06	3	1.3	0.1
	12	3	0.8	0.1
	18	3	1.8	0.8
17	00	3	4.0	0.2
	06	3	2.5	0.9
	12	3	4.0	0.5
	18	3	3.0	0.8
18	00	3	3.0	0.3
	06	3	2.6	0.4
	12	3	2.0	0.3
	18	3	2.9	0.3
19	00	3	2.2	0.2
	06	3	1.9	0.2
	12	3	1.9	0.3
	18	3	2.0	0.2
20	00	3	2.0	0.2
	06	3	2.0	0.7
	12	3	2.2	0.7
	18	3	2.2	0.1
21	00	...		
	06	3	3.2	0.5
	12	3	3.9	0.7
	18	3	3.0	0.4
22	00	3	3.8	0.3
	06	3	4.0	0.3
	12	3	4.0	0.3
	18	3	4.0	0.2
23	00	3	4.0	0.3
	06	3	4.0	0.2
	12	3	4.0	0.2
	18	3	4.0	0.2
24	00	3	4.0	0.2
	06	3	3.6	1.0
	12	3	2.7	0.2
	18	3	4.2	0.1
25	00	3	3.8	0.3
	06	3	4.1	0.6
	12	3	3.6	0.6
	18	3	3.8	0.3
26	00	3	2.3	0.1
	06	3	3.0	0.9
	12	3	3.5	0.9
	18	3	3.5	0.9
27	00	3	3.2	0.9
	06	3	2.3	0.3
	12	3	3.0	1.0
	18	3	3.0	1.1
28	00	3	3.2	0.5
	06	3	3.3	0.9
	12	3	2.9	1.5
	18	3	3.5	1.0
29	00	3	2.8	1.0
	06	3	2.7	1.0
	12	3	3.0	2.5
	18	3	3.9	2.1
30	00	2	3.9	2.8
	06	2	3.0	2.5
	12	2	4.0	8.0
	18	2	4.0	8.0
Station: MADRAS				
01	00	2	0.6	3.9
		2	0.5	2.8
	03	2	0.7	3.9
		2	0.6	2.9
	06	2	0.6	3.9
		2	0.6	2.9
	12	2	0.7	3.9
		2	0.5	2.9
	18	2	0.7	3.9
		2	0.6	2.8
		3	0.2	1.8
02	00	2	0.8	4.0
		2	0.6	2.9
		2	0.2	2.2
	03	2	0.8	3.9
		2	0.7	2.9
	06	2	0.8	4.0
		2	0.8	2.9
	12	2	0.9	4.0
		2	0.8	2.9
	18	2	0.8	4.1
		2	0.8	2.8

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
03	00	2	0.8	2.9
		2	0.9	4.0
	03	2	1.1	4.1
		2	1.0	3.1
	06	2	1.1	4.1
		2	1.0	3.1
	12	2	1.3	3.9
		2	1.2	3.1
	18	2	1.2	4.1
		2	1.2	3.0
04	00	2	1.3	4.1
		2	1.0	2.9
	03	...	No record	
	06	2	1.1	4.1
		2	1.1	2.9
	12	2	1.1	3.9
		2	0.6	2.9
	18	2	1.1	4.2
		2	0.6	3.0
05	00	2	1.0	4.5
		2	0.5	2.9
	03	2	1.0	4.6
		2	0.5	2.9
	06	2	1.0	4.6
		2	0.5	2.9
	12	2	1.0	4.7
	18	2	1.0	4.9
06	00	2	1.0	4.9
	03	2	1.0	4.7
	06	...	No record	
	12	2	1.1	4.8
	18	2	1.1	4.8
07	00	2	1.0	4.5
	03	2	1.1	4.4
	06	....	No record	
	12	2	1.0	4.5
	18	2	1.0	4.6
08	00	2	1.0	4.4
	03	2	1.0	4.7
	06	2	0.8	4.5
	12	2	0.8	4.5
	18	2	0.7	4.6
09	00	2	0.7	4.5
	03	2	0.7	4.4
	06	2	0.3	4.3
	12	2	0.5	4.3
		2	0.3	2.7
	18	2	0.5	4.4
		2	0.3	2.7
10	00	2	0.5	4.3
		2	0.3	2.6
	03	2	0.6	2.9
	06	2	0.7	2.9
	12	2	0.7	3.0
	18	2	0.5	3.0
11	00	2	0.7	2.7
		3	0.3	1.6
	03	2	0.6	2.9
		3	0.3	1.8
	06	2	0.7	3.0
	12	2	0.5	3.0
		2	0.5	4.0
	18	2	0.5	4.2
		2	0.4	3.0
		3	0.3	2.0
12	00	2	0.5	2.9
	03	2	0.5	3.0
	06	2	0.5	2.9
	12	...	Earthquake	
	18	2	0.3	2.9
13	00	2	0.3	2.9
	03	2	0.4	3.0
	06	2	0.4	4.1
	12	2	0.4	3.6
	18	2	0.4	3.8
14	00	2	0.3	3.7
	03	...	No record	
	06	2	0.3	3.8
	12	2	0.3	3.7
	18	2	0.3	4.0
15	00	...	Earthquake	
	03	2	0.3	3.8
	06	2	0.3	4.0
	12	2	0.3	4.0
	18	...	Earthquake	
16	00	2	0.3	4.3
	03	2	0.3	4.5
	06	2	0.3	4.6
	12	2	0.3	4.6
	18	2	0.3	4.7
17	00	2	0.3	4.8
	03	2	0.3	4.7
	06	2	0.3	4.7
	12	2	0.3	4.7
	18	2	0.3	4.7
18	00	2	0.3	4.6
		3	0.1	1.5
	03	2	0.3	4.3
		3	0.2	1.7
	06	2	0.3	4.5
		3	0.1	1.7
	12	2	0.3	4.7
	18	2	0.3	4.7
19	00	2	0.3	4.7
		3	0.2	1.5
	03	2	0.3	5.4
		3	0,1	1.5
	06	2	0.3	5.1
		3	0.1	1.5
	12	2	0.3	5.0
	18	2	0.3	5.3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
20	00	2	0.3	5.5
	03	2	0.3	4.8
	06	2	0.3	4.8
	12	2	0.3	6.8
		2	0.3	4.3
	18	2	0.3	6.9
		2	0.3	4.7
21	00	...	Earthquake	
	03	2	0.3	6.7
		2	0.3	4.3
	06	2	0.3	4.3
		2	0.3	6.8
	12	2	0.3	4.2
	18	2	0.3	4.1
22	00	2	0.3	4.1
	03	2	0.3	4.0
	06	2	0.3	4.0
	12	2	0.3	3.9
	18	2	0.3	3.9
23	00	2	0.3	3.9
	03	2	0.3	3.9
	06	2	0.3	3.9
	12	2	0.3	4.1
	18	2	0.3	4.2
24	00	2	0.3	4.1
	03	2	0.3	4.1
	06	2	0.3	4.1
	12	2	0.5	8.1
		2	0.3	4.1
	18	2	0.4	8.5
		2	0.3	4.1
25	00	2	0.5	8.5
		2	0.3	3.9
	03	2	0.6	8.6
		3	0.2	2.4
	06	2	0.5	8.9
		3	0.1	2.0
	12	2	0.6	8.4
		2	0.2	2.3
	18	2	0.7	8.5
		2	0.3	2.7
26	00	2	0.6	8.5
		2	0.3	2.9
	03	2	0.7	8.7
		2	0.4	2.9
	06	2	0.6	8.5
		2	0.3	2.9
	12	2	0,6	8.5
		2	0.4	2.9
	18	2	0.5	8.3
		2	0.5	3.1
Station: MADRAS				
27	00	2	0.5	8.2
		2	0.5	2.9
	03	2	0.5	3.0
	06	...	No record	
	12	2	0.7	3.0
	18	2	0.7	3.2
	21	2	0.8	3.3
28	00	2	0.8	3.3
	03	2	0.8	3.3
	06	2	0.8	3.3
	09	2	0.8	3.8
	12	2	0.8	4.1
	15	1	0.9	3.9
	18	1	1.1	4.8
	21	1	1.1	3.7
29	00	1	1.2	3.6
	03	1	1.2	3.8
	04	1	1.2	3.9
	05	1	1.3	3.8
	06	1	1.3	3.8
	07	1	1.5	3.9
	08	1	1.5	4.0
	09	1	1.5	3.9
	10	1	1.7	4.0
	11	1	1.7	4.0
	12	1	1.7	4.0
	15	1	2.1	4.1
	18	1	2.2	4.1
	21	1	2.2	4.1
30	00	1	2.0	4.2
	03	1	2.0	4.2
	06	1	2.1	4.2
	09	1	2.3	4.4
	12	1	2.4	4.5
	15	1	2.5	4.5
	18	1	2.4	4.6
	21	1	2.3	4.6
Station: PORT BLAIR				
01	00	3	1.6	3
			1.2	7
	06	3	2.0	3
			1.2	7
	12	3	1.6	3
			1.2	7
	18	3	1.6	3
02	00	3	1.6	3
			0.8	7
	06	3	2.0	3
	12	3	2.0	3
	18	3	2.0	3

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Station: PORT BLAIR

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
03	00	3	2.0	3
	06	3	2.4	3
	12	3	2.8	3
	18	3	2.4	3
04	00	3	2.0	3
	06	3	2.4	3
	12	3	2.4	3
	18	3	2.8	3
05	00	3	2.4	3
	06	3	1.6	2
			2.0	3
	12	3	1.2	2
			2.0	3
	18	3	1.2	2
			2.0	3
06	00	3	1.2	2
			2.0	3
	06	3	2.0	3
			1.2	7
	12	3	2.0	3
			1.2	7
	18	3	2.0	3
			0.8	7
07	00	3	2.0	3
			0.8	7
	06	3	1.6	3
			0.8	7
	12	3	1.6	2
			1.6	3
	18	3	1.6	2
			1.6	3
08	00	3	1.6	2
			1.6	3
	06	3	2.0	3
			0.8	7
	12	3	2.0	3
	18	3	2.0	3
09	00	3	2.0	3
	06	3	2.4	3
	12	3	2.4	3
	18	3	2.4	3
10	00	3	2.4	3
	06	3	2.4	3
	12	3	2.4	3
	18	3	2.8	3
11	00	...	-	-
	06	3	2.4	3
	12	3	2.4	3
	18	...	-	-
12	00	...	--	--
	06	3	2.4	3
	12	...	-	-
	18	3	2.0	3
			0.8	7
13	002	3	2.0	3
			0.8	7
	06	3	2.0	3
			1.2	7
	12	3	2.0	3
			1.2	7
	18	3	2.0	3
			1.2	7
14	00	3	2.0	3
			1.2	7
	06	3	1.6	3
			0.8	7
	12	3	1.6	3
			0.8	7
	18	...	-	-
15	00	...	-	-
	06	3	2.0	3
	12	3	2.0	3
	18	3	2.0	3
16	00	3	1.6	3
	06	3	1.6	3
			0.8	6
	12	3	1.2	3
			0.4	6
	18	3	0.4	6
17	00	3	0.4	6
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
18	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
19	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
20	00	3	1.2	7
	06	3	1.2	7
	12	3	1.2	7
	18	3	1.2	7
21	00	...	-	-
	06	3	1.2	7
	12	3	1.2	7
	18	3	1.2	7

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
22	00	3	1.2	7
	06	3	1.2	7
	12	...	-	-
	18	3	1.2	7
23	00	3	1.2	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
			0.8	7
	18	3	0.8	3
			0.8	7
24	00	3	0.8	3
			0.8	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
			0.8	7
	18	3	1.2	3
			0.8	7
25	00	...	-	-
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
			1.6	7
	18	3	1.2	3
			2.0	7
26	00	3	1.6	2
			2.4	7
	06	3	2.0	3
			4.4	7
	12	3	2.0	3
			4.0	7
	18	3	2.0	3
			4.0	7
27	00	3	2.0	3
			3.6	7
	06	3	2.4	3
			3.2	7
	12	3	2.4	3
			4.0	7
	18	3	2.0	3
			3.2	7
28	00	3	2.0	3
			2.4	7
	06	3	2.8	3
			3.6	7
	12	3	2.8	3
			3.6	7
	18	3	2.4	2
			3.6	5
29	00	3	2.4	2
			3.6	5
	06	3	2.0	2
			2.8	3
	12	3	2.0	3
			2.8	5
	18	3	2.8	3
			2.8	5
30	00	3	3.2	3
			4.0	5
	06	3	3.2	3
			4.0	5
	12	...	-	-
	18	3	3.2	3
			4.4	6
Station: SHILLONG				
01	00	3	0.2	3.8
	06	3	0.3	4.0
	12	3	0.3	4.1
	18	3	0.3	4.2
02	00	3	0.3	4.2
	06	...	-	-
	12	3	0.3	4.2
	18	3	0.4	4.3
03	00	3	0.5	4.5
	06	3	0.5	4.6
	12	3	0.5	4.5
	18	3	0.4	4.3
04	00	3	0.3	4.0
	06	3	0.4	4.5
	12	3	0.4	4.5
	18	3	0.5	4.7
05	00	3	0.5	4.7
	06	3	0.4	4.5
	12	3	0.3	4.1
	18	3	0.2	3.8
06	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.3	4.1
	18	3	0.3	4.2
07	00	3	0.2	3.8
	06	3	0.3	4.2
	12	3	0.3	4.2
	18	3	0.2	3.6
08	00	3	0.2	3.6
	06	3	0.3	4.3
	12	3	0.3	4.1
	18	3	0.2	3.8
09	00	3	0.2	3.7
	06	3	0.2	3.6
	12	3	0.3	4.0
	18	3	0.2	3.6
10	00	3	0.3	4.0
	06	3	0.2	3.6
	12	3	0.2	3.7
	18	3	0.2	3.8

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: SHILLONG				
11	00	3	0.2	3.8
	06	3	0.2	3.6
	12	3	0.2	3.8
	18	3	0.2	3.6
12	00	3	0.2	3.8
	06	3	0.3	4.0
	12	...	-	-
	18	3	0.2	3.6
13	00	3	0.2	3.6
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.2	3.8
14	00	3	0.2	3.6
	06	3	0.3	4.0
	12	3	0.3	4.1
	18	3	0.3	4.0
15	00	...	-	-
	06	3	0.4	4.3
	12	3	0.4	4.2
	18	3	0.3	4.0
16	00	3	0.3	4.1
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.2	3.8
17	00	3	0.2	3.8
	06	3	0.2	3.8
	12	3	0.2	3.8
	18	3	0.2	3.6
18	00	3	0.2	3.6
	06	3	0.2	3.8
	12	3	0.2	3.6
	18	3	0.2	3.6
19	00	3	0.2	3.8
	06	3	0.2	3.6
	12	3	0.2	3.6
	18	3	0.3	4.1
20	00	3	0.2	3.6
	06	3	0.2	3.5
	12	3	0.1	3.3
	18	3	0.2	3.3
21	00	...	-	-
	06	3	0.2	3.6
	12	3	0.2	3.6
	18	3	0.3	4.1
22	00	3	0.2	3.6
	06	3	0.2	3.8
	12	3	0.3	4.0
	18	3	0.3	4.0
23	00	3	0.3	4.1
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.2	3.8
24	00	3	0.2	3.6
	06	...	-	-
	12	3	0.2	4.1
	18	3	0.1	3.6
25	00	0,0	-	-
	06	3	0.2	3.0
	12	3	0.2	3.0
	18	3	0.1	3.0
26	00	0,0	-	-
	06	...	-	-
	12	...	-	-
	18	3	0.3	3.4
27	00	3	0.2	3.2
	06	...	-	-
	12	...	-	-
	18	3	0.3	3.6
28	00	3	0.2	3.2
	06	3	0.2	3.4
	12	3	0.2	3.4
	18	...	-	-
29	00	...	-	-
	06	3	0.3	4.4
	12	3	0.4	4.4
	15	1	0.5	4.7
	18	1	0.5	4.8
	21	1	0.6	5.0
30	00	1	0.6	5.0
	03	1	0.7	4.0
	06	1	1.2	4.3
	09	1	1.2	4.5
	12	1	2.1	5.2
	15	1	2.3	5.0
	18	1	3.5	5.0
	21	1	3.0	4.8
Station: VISAKHAPATNAM				
01	00	1	0.4	3.1
	06	1	0.5	3.0
	12	1	0.5	3.1
	18	1	0.6	3.1
02	00	1	0.6	3.2
	06	1	0.7	3.3
	12	1	0.6	3.4
	18	1	0.5	3.4
03	00	1	0.4	3.2
	06	1	0.8	3.5
	12	1	0.5	3.2
	18	1	0.5	3.2
04	00	1	0.5	3.0
	06	1	0.9	3.6
	12	1	0.7	3.0
	18	1	0.6	3.1

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: VISAKHAPATNAM				
05	00	1	0.6	3.2
	06	1	0.7	3.1
	12	1	0.8	3.3
	18	1	0.7	3.4
06	00	1	0.4	3.1
	06	2	0.4	3.1
	12	2	0.5	3.0
	18	2	0.5	3.1
07	00	2	0.4	3.0
	06	2	0.5	3.0
	12	2	0.4	3.1
	18	2	0.4	3.0
08	00	2	0.4	3.0
	06	2	0.5	3.0
	12	2	0.4	3.1
	18	2	0.4	3.0
09	00	2	0.4	3.1
	06	2	0.3	3.0
	12	2	0.4	3.1
	18	2	0.3	2.9
10	00	2	0.4	3.0
	06	2	0.4	2.9
	12	2	0.5	3.1
	18	2	0.4	2.9
11	00	2	0.4	2.0
	06	A 00	-	-
	12	2	0.4	3.0
	18	2	0.4	3.1
12	00	2	0.4	3.1
	06	2	0.5	3.1
	12	B 00	-	-
	18	2	0.4	3.1
13	00	2	0.3	2.8
	06	2	0.3	2.5
	12	2	0.3	2.9
	18	2	0.3	2.9
14	00	00	-	-
	06	2	0.3	2.7
	12	2	0.3	2.9
	18	2	0.3	2.8
15	00	C 00	-	-
	06	00	-	-
	12	2	0.3	3.2
	18	D 00	-	-
16	00	00	-	-
	06	2	0.4	3.2
	12	00	-	-
	18	2	0.4	3.1
17	00	00	-	-
	06	2	0.4	3.4
	12	2	0.4	3.5
	18	00	-	-
18	00	-	-	-
	06	2	0.4	3.1
	12	2	0.4	3.1
	18	2	0.4	3.0
19	00	2	0.4	3.2
	06	2	0.4	3.1
	12	2	0.4	3.2
	18	2	0.4	3.1
20	00	2	0.4	3.2
	06	2	0.4	3.2
	12	2	0.4	3.2
	18	2	0.5	3.6
21	00	00	-	-
	06	2	0.4	3.1
	12	2	0.4	3.1
	18	2	0.5	3.2
22	00	2	0.4	3.1
	06	2	0.4	3.1
	12	2	0.4	3.1
	18	2	0.5	3.2
23	00	2	0.5	3.3
	06	2	0.4	3.4
	12	2	0.4	3.6
	18	2	0.4	3.4
24	00	2	0.4	3.2
	06	2	0.4	3.5
	12	2	0.4	3.8
	18	2	0.5	3.6
25	00	00	-	-
	06	1	0.3	2.3
	12	1	0.3	2.2
	18	2	0.3	2.2
26	00	2	0.3	2.3
	06	2	0.3	2.5
	12	2	0.2	2.2
	18	2	0.2	2.2
27	00	1	0.2	2.2
	06	1	0.2	2.0
	12	2	0.4	2.9
	18	2	0.4	3.0
28	00	2	0.3	2.9
	06	2	0.3	2.6
	12	2	0.3	2.8
	18	1	3.1	3.7
29	00	1	0.6	3.4
	06	1	0.8	3.9
	12	2	0.9	4.0
	18	1	1.7	4.6
30	00	1	2.5	4.0
	06	1	4.6	3.9
	12	1	4.6	3.9
	18	1	4.5	3.8

A = Power Failure, B = Shock in progress, C = Shock feeble, D = Shock

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METEOROLOGICAL DEPARTMENT

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List of Seismograph stations with their Instruments and Constant

Station and abbreviation	Latitude °N	Longitude °E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Tg	V.max	Damping Constant h_1	h_2	Paper speed mm/min.
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500	1	1	30
					Electromagnetic (H)	Z	1	1	5600	1	1	20
BHK						N	1.01	1.17	5500	1	1	20
						E	1.02	1.15	5600	1	1	20
Bokaro	23.47	85.53		Rock	Press-Ewing	Z	15	100	"	"	1	15
						N	15	100	"	"	1	15
BOK						E	15	94	"	"	1	15
					Sprengnether	E	7.3	7.3	5000	-	1	30
					Wood-Anderson	N	0.8	0.8	940	1		30
						E	0.8	0.8	950	1		30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	N	12		250	0.7		8
						E	12		250	0.7		8
BOM					Sprengnether	E	7.3	7.3	5000		1	30
					Benioff	Z	1.0	0.2	"	"		30 for LP
							1.0	87.0				Galvanometer 60 for SP
Calcutta	22.32	88.20	7 Milne Shaw 6 Omori-Ewing	Alluvium	Milne-Shaw	E	12		250	0.7		8
					Omori-Ewing	E	19		30	"		25.4
CAL						N	15		32	"		25.4
					Sprengnether	N	7.0	7.0	1000		1	30
Chatra	26.50	87.10	161	Sand stone	Benioff	Z	0.72	0.45	"	"	1	60
					Wood-Anderson	N	0.8		1000	1		30
CHA						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		16
						E	12		250	1		16
				Wenner Accelerograph		ZNE	0.1		50	0.6		600
Delhi	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.6	7.6	5000		1	30
					Wood-Anderson	E	0.8		1000	1		30
NDI						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.76	50K	for	1	60
						N	1.0	0.76	50K	TE=1	1	60
						E	1.0	0.77	50K	sec.	1	60
					Sprengnether (LP)	Z	15	100	1500	for	1	30
						N	15	100	1500	TE=15	1	30
						E	15	100	1500	sec.	1	30
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3	"	1	1	60
					Wood-Anderson	N	0.8		970	1		30
DDI						Z	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Sprengnether	Z	15	100	1500	1	1	30
							for TE=15 secs.					
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5	"		1	30
						E	7.4	7.4	5000		1	30
GOA						N	7.5	7.5	5000		1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		250	0.7		8
						N	12		250	0.7		8
HYD												
Kodaikanal	10.14	77.28	2345	Rock	Benioff(SP)	Z	1.0	0.75	50K	for	1	60
						N	1.0	0.75	50K	TE=1	1	60
KOD						E	1.0	0.75	50K	sec.	1	60
					Sprengnether (LP)	Z	15	100	1500	for	1	30
						N	15	100	1500	TE=15	1	30
						E	15	100	1500	secs.	1	30
					Milne-Shaw	E	12		250	0.7		8
Madras	13.00	80.11	15		Sprengnether	E	7.4	7.4			1	30
						Z	1.5	1.5			1	60
MDR												
Poona	18.32	73.51	560	Deccan Trap	Benioff (SP)	Z	1.0	0.75	50K	for	1	60
						N	1.0	0.75	50K	TE=1	1	60
POO						E	1.0	0.75	50K	sec.	1	60
					Sprengnether (LP)	Z	15	100	1500	for	1	30
						N	15	100	1500	TE=15	1	30
						E	15	100	1500	secs.	1	30
Port Blair	11.40	92.43			Milne-Shaw	E	12		250	0.7		8
					Wood-Anderson	N	2.0		890	0.7		30
PBA						E	0.8		840	0.8		30
					Benioff	Z	1.2	1.5			1	30
Sehore	23.10	77.05			Wood-Anderson	N	0.8		860	1		30
SEH						E	0.8		950	1		30
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff(SP)	Z	1	0.75	200K	for	1	60
						N	1	0.75	200K	TE=1	1	60
SHL						E	1	0.75	200K	sec	1	60
					Press-Ewing (LP)	Z	15	100	3000	for	1	30
						N	15	100	3000	TE=15	1	30
						E	15	100	3000	secs	1	30
					Sprengnether	E	6.7	6.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
				Wenner Accelerograph		Z,N,E	0.1		Nearly 50	0.6		600
Tocklai	26.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1		60
TOC												
Trivandrum	8.29	76.57		Decomposed Laterite	Sprengnether	E	7.1	7.1	2500		1	30
TRV												
Visakhapatnam	17.43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
					Wood-Anderson	E	0.8		1000	1		30
VIS						N	0.8		1000	1		30
				Electromagnetic (S.P.)		Z	1.65	1.65	6000	1	1	60

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
01	POO	ePg	03	57	50		0.4
		iSg		57	56		
01	Epc: 34.8°N, 71.0°E, West Pakistan. Depth = 25 Kms (USCGS). H= 07h 38m 29.0s (USCGS). Mag.= 5.3(CGS).						
	BHK	ePn	07	39	57		5.7
		P*		40	07		
		Pg		40	18.6		
		iSn		41	04		
		S*		41	19		
	DDI	iP	07	40	20.5	C	7.2
		PP		40	25		
		PPP		40	33		
		P*		40	37		
		Pg		40	54		
		eS		41	43.5		
		SS		41	54		
	NDI	iP	07	40	27	W	7.6
		PP		40	36		
		Pg		41	01		
		iS		41	55		
		SS		42	06		
		S*		42	21		
	SEH	eP	07	41	29		12.3
		eS		43	48		
		i		45	28		
	CHA	iP	07	42	12	C	15.6
		iS		45	06		
	BOM	eP	07	42	13		16.0
		eS		45	11		
		e		46	53		
	POO	eP	07	42	22		
		e		45	32		
	VIS	iP	07	43	41		
	KOD	iP	07	44	08	DNW	
01	NDI	iPg	08	50	18.5	CSE	0.6
		iSg		50	25.7		
01	NDI	e	11	00	48		
		e		01	03		
01	DDI	eP	11	13	36		
		e		15	15		
01	NDI	iP	11	13	51	CS	9.1
		iS		15	35		
	TOC	e	11	15	20		
01	POO	e	11	19	41		
01	NDI	e	12	25	22		
		e		25	40		
01	Epc: 1.8°N, 125.6°E, Molucca Passage. Depth = 71 Kms (USCGS). H = 23h 15m 06s (USCGS). Mag. = 5.1 (CGS).						

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
01	POO	eP	23	21	27		
	NDI	e	23	24	17		
	NDI	e	23	24	24		
02	NDI	eSg	00	42	24		
02	CHA	iP	02	31	47	C	
02	NDI	eP	02	32	35		
02	POO	iP	02	33	45	C	
02	BHK	e	02	50	28		
02	Epc: 24.4°N, 94.8°E, Burma-India Border Region. Depth = 65 Kms (USCGS). H = 04h 31m 47.0s (USCGS). Mag. = 5.2(CGS).						
	SHL	iP	04	32	33	CNE	
	CHA	iP	04	33	33		6.6
		S		34	50		
	NDI	eP	04	35	32		13.7
		eS		38	16		
	POO	eP	04	36	24		
	KOD	iP	04	36	36.0	DE	
02	NDI	iPg	07	13	14.5	CSE	0.4
		iSg		13	19.2		
02	NDI	iPg	07	13	17.8		
		eSg		13	22.1		
02	Epc: 51.6°N, 174.5°W Andreanop Islands, Alaitian felt on Adak Islands. Depth= 34 Kms (USCGS). H= 07h 23m 35.3s (USCGS). Mag. = 4.9-5.3(BRK), Mag. = 5.1 (CGS).						
	SHL	iP	07	34	59	C	
	CHA	iP	07	35	11	C	
	BHK	iP	07	35	25.0	C	
		e		38	19.0		
	NDI	eP	07	35	32		
	POO	iP	07	36	24	C	
	BOM	eP	07	36	25		
		e		36	28		
		e		47	25		
02	NDI	eP	11	14	37		
		iS		16	00		
02	CHA	e	11	15	36		
02	BHK	i	11	16	41		
		i		17	40		
02	Epc: 45.7°N, 26.5°E, Rumania. Depth = 140 Kms (USCGS). H= 11h 21m 44.9s (USCGS). Mag. = 5.3 (CGS).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
02	NDI	iP	11	29	32		
		i		30	02		
	BOM	iP	11	30	00	CE	
		e		30	33		
	POO	eP	11	30	07		
	CHA	iP	11	30	36	C	
		i		31	06		
	SHL	iP	11	31	04	CNE	
	KOD	iP	11	31	09.6	CS	
02	SHL	iP	12	19	23	CS	
	CHA	iP	12	19	36	D	
	POO	iP	12	20	47.5	C	
02	POO	iPg	12	55	02.7	D	1.3
		iSg		55	20.0		
	BOM	ePn	12	55	11		1.9
		i		55	13		
		iSn		55	36		
		e		55	37		
02	NDI	eSg	14	48	22		
02	SHL	iP	14	48	54	D	2.2
		iS		49	22		
02	SHL	iP	19	54	57	C	
02	CHA	iP	22	03	27	D	
03	NDI	e	01	59	51		
03	NDI	e	06	54	19		
03	NDI	ePg	09	34	42		1.1
		eSg		34	56		
03	NDI	e	14	24	27		
03	POO	eP	15	12	41		
03	NDI	eP	17	09	56	D	
03	CHA	eP	17	11	19		
03	BOM	e	17	15	-		
03	BHK	i	17	18	37.7		
03	NDI	ePg	17	43	28.5		1.3
		eSg		43	45.0		
03	CHA	iPg	19	31	20.9		1.3
		iSg		31	38.4		
03	CHA	eP	20	09	11.9		1.2
		e		09	27.5		
04	PBA	iPg	03	54	02.0		0.6
		iSg		54	09.5		
04	SHL	iP	06	25	51	DNE	2.1
		iS		26	18		
04	BOK	e	07	21	00		
04	SHL	eP	07	27	07		2.2
		iS		27	35		
	KOD	iP	07	27	14.3	CSW	
		i		27	15.5		
04	NDI	eP	07	44	41		7.8
		eS		46	11		
	BOK	e	07	45	56		
04	NDI	e	07	50	31		
04	SHL	eP	09	42	42		1.9
		iS		43	07		
04	SHL	iPg	09	48	41	DNW	1.2
		iSg		48	57		
04	SHL	iP	12	23	42	CSE	
04	POO	iPg	13	29	39.4	D	1.3
		iSg		29	56.5		
04	NDI	ePn	16	12	40		2.2
		eSn		13	08		
04	SHL	eP	19	29	47		
	CHA	eP	19	30	41		
04	NDI	e	20	44	07		
05	NDI	e	00	16	03		
05	SHL	iP	03	08	24	DSE	4.7
		iS		09	20		
05	PBA	iPg	05	01	02.9		0.5
		iSg		01	09.4		
05	SHL	eP	05	12	27		
05	NDI	e	05	15	11		
05	SHL	iP	05	24	12	DSE	2.9
		iS		24	48		
05	SHL	eP	05	51	00		
05	SHL	iP	05	57	50	D	
05	NDI	e	06	09	09		
		e		09	21		
05	SHL	iP	07	24	06	DNW	2.0
		iS		24	32		
05	DDI	e	07	58	11		
		iS		58	16		
	NDI	iPn	07	58	16	C	3.3
		ePg		58	28		
		eSn		58	57		
		eSg		59	11		
	CHA	iP	07	58	50	C	5.4
		eS		59	53		
		i	08	00	42		
	BOK	e	07	59	32		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
05	BHK	e	07	59	34.5		
		i		59	46.5		
	SHL	iP	07	59	45	CSE	9.5
		iS		01	33		
	POO	iP	08	00	18.5	D	
		e		02	48.0		
	BOM	ePn	08	00	46		
		P*		01	05		
	KOD	iP	08	02	02.5	D	
	BOM	eSn	08	02	17		
		Sg		03	07		
	CAL	e	08	02	32		
05	KOD	iP	08	05	07	C	
	NDI	ePn	08	05	48		2.3
		Sn		06	18		
	BOK	e	08	28	57		
05	POO	eP	08	43	14		
	NDI	eP	08	43	59		
05	BHK	M	09	07	08.9		
05	NDI	eP	12	22	30		9.9
		eS		24	23		
	CHA	e	12	24	08		
	BHK	i	12	24	25		
		i		24	54		
	SHL	eP	12	24	57		
05	POO	eP	12	29	36		
05	SHL	iP	13	37	07	D	
	MDR	e	13	39	00		
	KOD	iP	13	39	42	CN	
		i		39	42.8		
	POO	eP	13	42	06		
05	SHL	iP	15	28	47	CE	2.2
		iS		29	15		
	CHA	iPg	15	28	49	D	2.4
		Sg		29	21		
05	SHL	iP	15	50	04	DSW	
		e		51	34		
	CHA	iP	15	50	27	C	
	NDI	e	15	51	51		
	POO	eP	15	53	21		
	BHK	i	15	58	46		
05	SHL	eP	18	50	15		
05	SHL	iP	20	41	52	CE	
05	KOD	iP	21	13	21.2	CSE	
05	KOD	iP	21	51	33	CNW	
		e		51	34		
05	POO	iP	21	53	13.7	D	1.3
		iS		53	31.0		
05	SHL	iP	23	20	10	C	
05	POO	ePg	23	30	51		1.3
		iSg		31	10.5		
06	NDI	e	02	17	04		

06 EPC: 6.2°S, 146.4°E, East New Gunea Region, felt at Lac. Depth = 13 Kms (USCGS). H = 03h 11m 03.3s (USCGS). Mag. = 5.5 (CGS).

	SHL	iP	03	21	12	D	
	CHA	iP	03	21	42	C	
	NDI	iP	03	22	34		
	POO	eP	03	22	38		
	KOD	iP	03	24	45.5	DNE	
06	DDI	eP	03	28	15		
	NDI	eP	03	28	47		2.3
		iSn		29	17		
06	POO	ePg	04	41	39		0.4
		iSg		41	44.5		
06	POO	eP	04	59	16		
06	SHL	iP	06	36	33	CE	
	DDI	iP	06	37	56.7	D	
	NDI	e	06	38	13		
06	POO	iPg	08	23	21.0	D	0.3
		iSg		23	24.2		
06	POO	ePg	08	36	02		0.3
		iSg		36	05.5		
06	SHL	iP	08	39	59	D	
06	PBA	e	08	42	09.3		
		i		42	15.3		
06	BOK	e	08	51	47		
06	DDI	eP	09	21	16		
	NDI	e	09	22	02		
06	MDR	ePg	11	11	09		0.2
		iSg		11	12		
06	POO	eP	11	13	11		
06	KOD	iP	11	24	12.8	DSE	
06	DDI	eP	12	19	18.5		
		e		27	22.0		
	NDI	ePn	12	19	56		4.5
		Sn		20	52		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
06	NDI	e	12	28	08		
06	CHA	e	13	24	17		
06	SHL	iP	13	58	15	DSW	
	CHA	iP	13	58	33	D	
	POO	eP	14	00	02		
06	Epc: 4.8°N, 125.7°E, Taland Islands. Depth = 159 Kms (USCGS). H= 14h 10m 37.5s. Mag. = 5.6(CGS).						
	SHL	iP	14	17	45	CW	
	CHA	eP	14	18	25		
	KOD	iP	14	19	05	DNE	
	DDI	eP	14	19	16		
	NDI	eP	14	19	28		
	POO	eP	14	19	34		
06	SHL	iP	14	23	30	C	
06	SHL	eP	17	32	51		4.3
		iS		33	42		
	TOC	e	17	32	50		
		e		34	10		
	SHL	iPg	19	34	14	DNE	0.9
		iSg		34	26		
06	TOC	i	19	34	25.4	W	
		i		34	30.8		
06	SHL	eP	21	04	52		2.1
		iS		05	19		
07	NDI	e	00	42	20		
07	SHL	iP	01	39	04	DE	
07	SHL	iP	03	36	28	C	
07	Epc: 4.5°N, 126.1°E, Taland Islands. Depth = 26 Kms(USCGS) H=04h 28m 29.7s (USCGS). Mag. = 5.8(CGS).						
	SHL	iP	04	35	49	C	
	KOD	iP	04	37	07.8	CSE	
	NDI	iP	04	37	32		
	POO	eP	04	37	37		
07	DDI	eP	05	10	24		
		e		12	03		
	NDI	eP	05	10	39		9.5
		eS		12	27		
07	POO	eP	05	16	14		
07	POO	ePg	06	27	51		1.3
		iSg		28	08		
07	NDI	eP	10	12	40		8.9
		eS		14	22		
07	NDI	ePn	11	09	15		1.5
		eSn		09	35		
07	SHL	iP	13	19	29		
07	Epc: 21.6°S, 170.5E, Loyalty, Islands Region, Depth = 161 Kms (USCGS). H=15h 55m 10.8s(USCGS) Mag. = $6\frac{3}{4}$(PAS),6(BRK), 6.4(CGS).						
	PBA	iP	16	07	20	DS	82.8
		iS		17	25		
	TOC	eP	16	07	47		84.0
		eS		17	58		
07	SHL	iP	16	07	52	CNW	89.0
		pP		08	35		
		iSKS		18	05		
		iS		18	27		
	CAL	eP	16	08	03	W	91.6
		SKS		18	19		
		eS		18	49		
	VIS	eP	16	08	12		94.5
		iPP		12	02		
		iSKS		18	29		
		iS		19	09		
	BOK	iP	16	08	12	CW	95.0
		iSKS		18	31		
	CHA	iP	16	08	12	C	95.5
		PP		12	03		
		SKS		18	32		
	MDR	iP	16	08	19	CW	95.0
		PP		12	05		
		PPP		14	09		
		SKS		18	38		
		SKKS		19	06		
		iS/ScS		19	16		
		PS		20	40		
		PPS		20	57		
		SS		25	31		
		SSS		28	58		
	KOD	iP	16	08	25		97.0
		SKS		18	46		
		iS		19	30		
	BHK	iP	16	08	39	C	
		iPP		12	54		
	POO	iP	16	08	50	C	102.0
		ePP		13	08		
		iSKS		20	18		
	NDI	eP	16	08	51	C	102.5
		PP		13	07		
		PPP		15	20		
		SKS		19	14		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.		
07	NDI	eS	16	20	20			
		sP		22	06			
		SS		27	34			
	DDI	eP	16	08	51	102.0		
		ePP		13	05			
		ePPP		15	08			
		iSKS		19	15			
		i		20	25			
		iPS		22	05			
		iPPS		23	00			
		iSS		27	31			
		eSSS		31	23			
	BOM	eP	16	08	54	104.0		
		PP		13	15			
		SKS		19	18			
		eS		20	26			
07	PBA	i	16	36	58			
07	TOC	eP	20	57	22			
	SHL	eP	20	57	34	4.7		
		iS		58	30			
07	Epc: 61.6°N, 150.1°W, Southern Alaska. Felt at Anchorage, Valdez and Kenai. Depth = 56 Kms (USCGS). H = 20h 55m 56.0s (USCGS). Mag. = 5.7 (CGS).							
	SHL	iP	21	08	00		DSW	
	DDI	iP	21	08	03		C	
	CHA	iP	21	08	04		D	
	NDI	iP	21	08	11		DNE	
	POO	iP	21	09	03		D	
07	SHL	iP	23	13	54		D	
08	SHL	iP	00	07	54		CSW	2.9
		iS		08	30			
	TOC	e	00	08	11			
08	EPC: 16.4°S, 177.6°W, Fiji Island Region, Depth = 33 Kms (USCGS). H = 00h 12m 18.1s(USCGS) Mag. = 6.6-6.9(BRK), 5.7(CGS).							
	MDR	ePKP	00	30	37			
		e		32	32			
		e		36	03			
		e		39	18			
	BOM	ePKP	00	31	40	91.2		
		e		34	48			
08	NDI	iPg	00	46	18		SWC	
		iSg		46	22.7			
08	BHK	e	00	31	37			
		e		57	08			

DATE	STN	PHASE	H.	M.	S.	Δ Deg.		
08	SHL	iP	02	34	51		CSW	2.4
		iS		35	21			
08	SHL	iPg	03	02	24		E	0.4
		iSg		02	29			
08	POO	e	03	03	18			
08	DDI	e	03	18	31			
08	SHL	iPg	03	18	57		CNE	1.2
		iSg		19	12			
08	NDI	e	03	19	18			
08	BHK	i	03	35	12			
08	NDI	iP	03	48	00		ED	
08	SHL	iP	04	01	31		D	
	DDI	iP	04	02	55		R	
	KOD	iP	04	03	22		DSE	
		e		03	22			
		i		03	22.3			
	POO	eP	04	03	30			
08	KOD	iP	04	17	19		CSE	
08	PBA	ePg	04	26	11.1			0.9
		eSg		26	22.1			
08	NDI	i	04	42	41			
	DDI	eP	04	42	45.5			
08	KOD	eP	07	46	22		CNE	
		i		46	23			
		e		46	22.3			
08	BOK	e	08	26	49			
08	DDI	eP	12	11	11			
	NDI	eP	12	11	20		C	
	POO	iP	12	12	13.5		C	
08	SHL	iP	12	22	50		D	
08	DDI	eP	12	42	08			
	NDI	e	12	42	24			
08	SHL	iP	13	33	24		DNE	1.9
		iS		33	49			
	TOC	e	13	33	40			
08	SHL	iP	15	43	46		D	2.6
		iS		44	19			
08	Epc: 51.6°N, 173.8°W, Andreanof Islands, Aleutian Island. Depth = 35 Kms (USCGS). H = 17h 43m 56.1s (USCGS). Mag. = 5.5 (CGS).							
	SHL	iP	17	55	23		CSW	
	CHA	iP	17	55	35		D	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
08	DDI	iP	17	55	47	D	
	BOK	eP	17	55	53		
	NDI	eP	17	55	55		
	POO	iP	17	56	46.5	C	
	BOM	eP	17	56	48		
		e		57	01		
08	SHL	iP	19	40	50	DNW	2.0
		iS		41	16		
08	CHA	ePg	20	55	33.7		1.8
		eSg		55	56.8		
	SHL	iP	20	55	44	DW	3.0
		iS		56	21		
	TOC	e	20	58	40		
08	SHL	iP	21	06	42	CNE	
08	POO	eP	21	08	40		
09	SHL	iP	00	28	55	DNE	
	TOC	e	00	58	15		
09	NDI	i	01	08	24		
		e		08	32		
09	MDR	e	05	41	22		
09	Epc: 12.6°N, 30.8°E, Sudan Minor Damage Reported. Depth = 11 Kms (USCGS). H = 06h 48m 40.3s (USCGS). Mag. = 5.1(CGS).						
	BOM	eP	06	56	25		41.1
		e		58	14		
		eS		02	39		
		SS		05	37		
	POO	eP	06	56	32		42.3
		PP		58	12		
		eS	07	02	54		
	NDI	iP	06	57	05		45.5
		PP		58	52		
		eS	07	03	47		
		SS		07	06		
	KOD	iP	06	57	05.5	DSW	46.3
		i		57	05.7		
		iS	07	03	52		
	DDI	eP	06	57	15		47.0
		eS	07	04	06.8		
	BHK	iP	06	57	15.4		47.1
		PP		59	06		
		iS	07	04	08		
		SS		07	28		
	MDR	eP	06	57	21		
		e		59	25		
		e	07	08	15		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
09	BOK	eP	06	58	04		53.0
		eS	07	05	33		
		PPS		05	49		
	CHA	eP	06	58	11		
	SHL	iP	06	58	39	CNE	59.0
		iS		06	45		
09	HYD	e	07	03	52		
09	BHK	e	10	47	10		
		e		54	58		
09	BOM	e	10	48	-		
09	SHL	eP	16	02	46		4.4
		iS		03	38		
		SSS		03	59		
	TOC	e	16	02	53		
09	SHL	iP	21	35	27	DNE	
	TOC	e	21	35	45		
	CHA	eP	21	36	12		7.7
		Pg		36	32		
		Sg		37	31		
09	SHL	eP	23	08	29		
	TOC	e	23	08	33		
10	KOD	iP	02	45	43.1	CNE	
10	DDI	eP	04	51	46		
	NDI	e	04	52	55		
10	SHL	iP	06	51	54	C	
10	NDI	i	06	53	24		
10	BOK	e	08	47	54		
10	SHL	iP	10	50	02	D	
	NDI	e	10	51	52		
10	NDI	ePn	12	54	05		2.2
		eSn		54	33		
10	POO	eP	13	10	52		
10	KOD	iP	13	13	23	DSE	
		i		13	23.9		
10	SHL	iP	19	09	38	CN	
	CHA	iP	19	10	00	D	
	DDI	eP	19	10	44		
	POO	eP	19	12	12		
10	DDI	iP	20	45	26	D	
10	KOD	iP	20	48	20.9	CN	
		i		48	22		
	NDI	e	20	48	21		
10	CHA	iP	21	29	39	D	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
10	SHL	iP	21	30	22	CNE	
	DDI	iP	21	30	23.5	D	
10	NDI	ePg	21	47	40		0.9
		eSg		47	52		
10	DDI	eP	22	37	44		
10	NDI	iSg	23	47	25.5		
11	HYD	eP	00	15	18		54.5
		eS		22	56		
11	SHL	iP	01	28	16	D	
	POO	eP	01	30	13		
11	SHL	iPg	04	55	26	DSE	0.6
		iSg		55	34		
11	KOD	iP	05	33	22	CNE	
		e		33	21.0		

11 EPC: 29.8°S, 71.2°W, Near Coast of Central Chile. Depth = 33 Kms (USCGS). H=05h 39m 07.1s (USCGS). Mag. = 5.3(CGS).

	KOD	ePKP	05	58	45.0	DSW	
		i		58	45.5		
	POO	ePKP	05	58	48		
	DDI	ePKP	05	59	00		
	NDI	ePKP	05	59	04		

11 Epc: 60.3°S, 26.0°W, South Sandwich Islands Region. Depth = 37 Kms (USCGS). H = 06h 25m 55.1s (USCGS)

	POO	ePKP	06	44	26		
		e		52	54		
	NDI	ePKP	06	44	45		
		i		44	56		
	DDI	iPKP	06	44	47,4	C	
	SHL	ePKP	06	44	55		
	BOK	ePKP	06	46	19		
	BOM	e	06	52	51		
		e		54	36		
		e	07	00	45		
		e		18	-		
11	SHL	iP	07	15	33	DES	4.4
		iS		16	25		
11	BOK	e	09	14	50		
11	SHL	eP	10	08	53		
	TOC	eP	10	09	33		
	CHA	iP	10	09	48	C	16.2
		S		12	48		
	BOK	e	10	10	10		
		i		13	23		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
11	DDI	eP	10	11	19	C	23.1
		eS		15	27		
	NDI	eP	10	11	27	C	23.3
		eS		15	36		
	BHK	iP	10	11	35		23.7
		iS		15	48		
		i		16	00		
	MDR	e	10	11	57		
	POO	eP	10	12	20		
	CAL	e	10	13	45		
11	BOM	e	10	17	22		
		e		22	20		
11	SHL	iP	12	12	12	DE	
11	CHA	ePg	12	45	19		1.6
		Sg		45	39.9		
11	NDI	iPg	16	30	03.5	SWC	0.9
		iSg		30	15.5		
	DDI	iP	16	30	12.5	D	2.5
		P*		30	16		
		Pg		30	20		
		PPP		30	26		
		LQ		30	33		
		S		30	44		
		Sg		30	53		
	BHK	iPn	16	31	39.3		
		i		32	09.4		
	NDI	iPg	16	31	49.5		1.0
		iSg		32	02		
11	CHA	eP	16	31	54		
		i		32	26		
		i		33	15		
	POO	ePg	16	32	27		
	SHL	iP	16	32	44	C	
11	SHL	iP	16	54	15	CS	
11	NDI	iPg	18	19	08.6	DNE	0.9
		iSg		19	21		
	DDI	eP	18	19	18		
11	SHL	iP	19	33	28	CNW	
	CHA	e	19	33	52		
11	SHL	iP	21	15	30	CSW	2.4
		iS		16	00		
	TOC	e	21	16	00		
		i		16	11		
	CHA	iP	21	16	31	C	6.6
		S		17	48		
11	BHK	i	21	39	22		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
12	EPC: 11.9° S, 121.8°E, South of Timor. Depth=33 Kms (USCGS). H=00h 06m 37.8s (USCGS) Mag. = 5.7(CGS).						
	PBA	eP	00	13	54		
		e		19	30		
	TOC	e	00	15	08		
		eS		21	15		
	SHL	iP	00	15	09	CNW	46.6
		PP		17	06		
		iS		21	58		
	MDR	eP	00	15	17		47.5
		PP		17	06		
		PPP		17	58		
		eS		22	12		
		SS		25	34		
	CAL	eP	00	15	20		
	KOD	iP	00	15	25	DSE	48.3
		eS		22	25		
	BOK	eP	00	15	28		49.1
		iS		22	33		
		PPS		22	47		
	CHA	iP	00	15	40	D	50.8
		S		22	56		
	POO	eP	00	16	15		55.0
		eS		23	58		
	BOM	eP	00	16	25		56.1
		e		18	38		
		iS		24	14		
		PPS		24	30		
	NDI	iP	00	16	33	C	57.5
		eS		24	30		
	NDI	eP	00	16	38		58.2
		iS		24	39.2		
	BHK	eP	00	16	51		60.0
		PcP		17	33		
		eS		25	03		
		PPS		25	19		
12	SHL	iP	02	54	59	DNW	2.8
		iS		55	35		
12	NDI	e	03	27	07		
12	BHK	e	05	25	14		
12	SHL	eP	06	45	59		
12	SHL	iP	07	36	22	D	
	CHA	iP	07	37	02	C	
12	BOK	e	08	33	58		
12	NDI	ePg	14	34	56.5	D	0.35
		iSg		35	01		
12	SHL	eP	16	20	24		
12	NDI	e	18	47	31		
12	NDI	e	20	39	27		
	SHL	iP	20	39	35	C	
	POO	eP	20	39	38		
	KOD	iP	20	40	03.6	DSE	
		i		40	04		
12	POO	eP	21	18	09		
12	BHK	e	21	31	49		
13	EPC: 59.9°N, 145.2°W, Gulf of Alaska. Depth = 10 Kms (USCGS) H=02h 15m 45.2s (USCGS). Mag. = 5.0(CGS).						
	CHA	iP	02	28	16	C	
	NDI	eP	02	28	22		
13	SHL	iPg	11	30	48	DNW	0.8
		iSg		30	58		
13	SHL	iP	12	17	55	DSE	2.5
		iS		18	27		
	TOC	e	12	18	22		
13	EPC: 31.1°N, 80.1°E, Tibet. Depth = 33 Kms (USCGS). H = 12h 42m 42.0s (USCGS). Mag. = 5.3(CGS).						
	DDI	iPn	12	43	18.5	C	2.1
		P*		43	20.9		
		Pg		43	23.5		
		Sn		43	45.5		
		Sg		43	49.8		
	BHK	Pn	12	43	33.3		3.1
		P*		43	39.1		
		Pg		43	43.3		
		iSg		44	23.4		
	NDI	iPn	12	43	41		3.3
		P*		43	46		
		Pg		43	53		
		eSn		44	20		
		Sg		44	36		
	CHA	eP	12	44	37		7.3
		iS		46	01		
	BOK	eP	12	45	00		
		i		46	33		
	SHL	iP	12	45	29	CSW	11.2
		eS		47	36		
	HYD	eP	12	45	51		
	POO	iP	12	45	57	C	13.5
		eS		48	29		

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DATE	STN	PHASE	H.	M.	S.	△ Deg.	
13	BOM	eP	12	46	00		
		PP		46	10		
		LQ		48	26		
		eS		48	32		
		SS		48	47		
	SEH	e	12	46	32		
		e		47	09		
		i		47	18		
	MDR	eP	12	46	56	17.6	
		eS		50	11		
	KOD	iP	12	47	29.3	DNW	
		i		47	29.8		
	CAL	e	12	48	54		
	KOD	iP	12	51	21.7	RNE	
13	Epc: 8.8°S, 74.3°W, Peru-Brazil Border Region. Depth = 155 Kms (USCGS). H=15h 45m 15.6s (USCGS). Mag. = 5.3(CGS).						
	NDI	iPKP	16	04	39	D	
		i		05	22		
	POO	ePKP	16	04	41		
	KOD	iPKP	16	04	56.5	DSE	
		i		04	56.8		
	SHL	iPKP	16	04	57	D	
		i		05	33		
13	NDI	eP	17	43	17		
		i		45	25		
		i		48	15		
13	SHL	iP	17	59	45	DSW	1.2
		eS	18	00	12		
	TOC	e	18	00	03		
13	SHL	iP	18	55	02	CS	
	BHK	e	18	55	50		
	BOK	e	18	56	01		
	TOC	e	18	56	26		
	BOM	eP	18	56	57	82.8	
		eS	19	07	15		
		ScS		07	26		
	POO	eP	18	56	57		
13	MDR	e	19	00	46		
		e		07	28		
14	Epc: 36.4°N, 87.5°E, Southern Sinkiang Province China. Depth = 24 Kms (CGS). H= 01h 04m 43.3s (USCGS). Mag. = 5.2 (CGS).						
	CHA	eP	01	07	04		
		i		10	17		
		i		10	55		
14	BHK	iP	01	07	12		10.9
		i		08	00		
		S		09	16		
		i		09	40		
	DDI	iP	01	07	18	C	
		e		10	15		
		i		11	19		
	NDI	iP	01	07	28	DNE	
		e		10	14		
	SHL	iP	01	07	28	CS	11.4
		iS		09	37		
	BOK	eP	01	07	42	DN	
		i		10	09		
		i		11	20		
	CAL	eP	01	08	20	CSE	
		i		12	29		
	VIS	iP	01	09	05	W	19.8
		iS		12	43		
		iScP		16	28		
	HYD	iP	01	09	21	N	21.0
		iS		13	11		
	POO	iP	01	09	31.5		
		e		13	38.0		
	BOM	iP	01	09	32	DNE	21.3
		i		09	40		
		PP		09	56		
		eS		13	25		
	PBA	iP	01	10	10	DN	
		e		14	42		
	MDR	e	01	10	12		
		i		10	39		
		S		14	23		
	KOD	iP	01	10	32	DE	28.0
		e		10	32		
		PP		11	23		
		PPP		11	37		
		PcP		13	42		
		eS		15	16		
		LQ		16	27		
		SS		16	41		
		SSS		16	59		
		PcS		17	19		
		ScS		21	08		
	NDI	iP	01	14	28	CSE	10.4
		iS		16	26		
	POO	eP	01	16	40		
14	SHL	iP	04	09	49	DNE	
14	NDI	e	05	58	14		
14	SHL	iP	07	59	59	DNE	2.4
		iS	08	00	29		
14	SHL	eP	08	36	26		6.8
		iS		37	45		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
14	SHL	eP	13	33	03		2.8
		iS		33	38		
14	CHA	e	13	35	08		
14	SHL	eP	19	07	03		1.9
		iS		07	28		
14	SHL	iP	21	20	36	CN	
		i		22	09		
	TOC	e	21	21	27		
		e		22	35		
	CHA	i	21	21	33		
14	PBA	iPg	22	02	17.2		
		eSg		02	31.2		
14	SHL	eP	22	07	22		
14	TOC	e	22	07	56		
		e		08	17		
	SHL	eP	22	07	56		
		iS		07	22		
14	TOC	iPg	22	08	20.8		0.4
		iSg		08	26.2		
	CHA	iPg	22	09	06		
14	POO	eP	22	10	25		
14	SHL	iP	22	37	54	CNE	
	CHA	iP	22	38	38	D	
	NDI	e	22	39	45		
15	KOD	eP	05	08	13	CW	
		e		08	17		
15	BOM	eP	06	59	15		24.0
		e		59	37		
		PP		59	49		
		iS	07	03	30		
	POO	eP	06	59	25		
	MDR	eP	07	00	06		29.7
		eS		05	02		
	BHK	e	07	00	20		
		i		05	29		
	NDI	eP	07	00	22		30.0
		eS		05	20		
	BOK	e	07	01	15		
	CHA	iP	07	01	29		
15	NDI	eP	07	07	08		
	POO	iP	07	07	42.2	C	
	CHA	iP	07	08	12		
	SHL	iP	07	08	40		
	KOD	iP	07	08	45	CW	
	KOD	iP	07	08	45.3		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
15	BOK	e	08	25	42		
15	BOM	e	08	32	07		
15	BOK	e	09	58	53		
15	EPC: 41.8°N, 142.9°E, Hokkaido Japan Region. Depth= 61 Kms (USCGS). H=18h 00m 07.3s (USCGS). Mag. = 51.1(CGS).						
	SHL	eP	18	08	19		
	CHA	eP	18	08	38		
	NDI	e	18	09	27		
		i		09	38		
	POO	eP	18	10	26		
	KOD	iP	18	10	55	C	
16	SHL	iP	00	05	15	DNE	1.9
		e		05	40		
	TOC	e	00	05	36		
	CHA	eP	00	06	08		
16	SHL	iPg	01	39	05	DNW	0.8
		iSg		39	15		
16	NDI	eP	05	11	56		
		e		13	15		
16	POO	eP	05	16	42		
16	POO	eP	07	08	18		
	NDI	eP	07	08	23		
	KOD	iP	07	08	23.9	RSE	
		e		08	24.0		
	POO	eP	09	08	52		
16	BOK	e	08	18	34		
16	EPC: 29.6°N, 142.4°E, South of Honshu, Japan, Depth = 56 Kms (CGS). H=09h 31.0s (USCGS). Mag. = 5.5(CGS).						
	SHL	iP	09	21	40	D	
	NDI	eP	09	23	08		
16	Epc: 30.0°N, 68.6°E, West Pakistan, Depth = 33 Kms (CGS). H = 09h 26m 36.5s (USCGS). Mag. = 4.9 (CGS).						
	BHK	ePn	09	28	23		6.43
		iSn		29	36		
	NDI	iP	09	28	25.5	NWR	7.3
		Pg		28	59.0		
		S		29	49		
		Sg		30	26		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
16	DDI	eP	09	28	35		8.0
		i		29	24		
		eS		30	07		
		i		30	15		
		i		30	15		
	SEH	eP	09	29	08		
		e		29	25		
		i		29	56		
		e		30	31		
		i		31	21		
	BOM	eP	09	29	25		11.2
		PP		29	33		
		LQ		31	28		
		eS		31	32		
		SS		31	44		
	POO	eP	09	29	29		
		eS		31	55		
	HYD	eP	09	30	15		
		i		34	37		
	CHA	eP	09	30	23		
		i		33	44		
		i		34	19		
	BOK	eP	09	30	27		15.4
		i		30	33		
		LQ		33	13		
		iS		33	19		
	VIS	iP	09	30	48		18.1
		eS		34	08		
		i		34	22		
		i		36	17		
	MDR	eP	09	31	08		20.4
		PP		31	26		
		PPP		31	37		
		eS		34	52		
		LQ		35	00		
		SS		35	22		
		SSS		35	33		
	CAL	eP	09	31	09		20.4
		iS		34	53		
	SHL	iP	09	31	20	DNW	21.7
		iS		35	16		
		LQ		35	38		
	KOD	iP	09	31	26	CSE	21.8
		PP		31	54		
		iS		35	23		
	TOC	eP	09	31	48		
16	SHL	iP	10	47	50	DSE	1.6
		iS		48	12		

16 Epc: 56.1°S, 27.1°W, South Snadwich Islands Region.
Depth = 101 Kms (USCGS).
H = 12h 55m 30.8s (USCGS).
Mag. = 5.6 (CGS).

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
16	NDI	iPKP	13	14	12		
	CHA	iPKP	13	14	19	D	
	SHL	iPKP	13	14	23	NE	
16	NDI	eP	14	04	58		9.7
		eS		06	50		
	CHA	eP	14	05	53		
16	NDI	e	14	45	22		
16	NDI	eP	16	38	46		9.0
		eS		40	29		
16	NDI	eP	23	34	11	NR	8.6
		eS		35	50		
	CHA	eP	23	35	39		
	POO	e	23	39	54		
17	SHL	iP	04	10	08	D	
17	NDI	iPg	04	11	38.3	SEC	0.21
		iSg		11	41		
17	NDI	e	07	26	40		
17	NDI	iP	08	30	31	SEC	8.5
		iS		32	09		
17	POO	eP	08	36	07		
17	PBA	iPg	10	22	00.7		1.2
		iSg		22	15.7		

17 Epc: 11.0°S, 166.7°E, Santacruz Islands. Depth = 56 Kms (USCGS).
H= 10h 15m 40.6s (USCGS).
Mag.=5¾(PAS), 4.6-5.0(BRK).

	KOD	iP	10	27	22	RSW	
		e		27	22		
		e		27	23		
	SHL	iP	10	27	55	C	
	CHA	iP	10	28	22	C	
	BOK	eP	10	28	27		
	MDR	eP	10	28	35		89.2
		eS		39	23		
	KOD	iP	10	28	44.6	CNW	
	NDI	eP	10	29	03		
	BHK	eP	10	29	04		
		i		47	04		
	BOM	eP	10	29	11		97.0
		SKS		39	48		
		eS		40	31		
		SS		47	11		
		SSP		47	21		
17	SHL	iP	12	47	42	C	
17	CHA	eP	13	21	46	C	

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
17	SHL	iP	14	26	59	CSW	
17	CHA	iPg	18	42	26.8	D	1.0
		Sg		42	40.3		
	SHL	iP	18	43	15	C	
17	NDI	eP	18	46	02	C	8.1
		eS		47	41		
17	SHL	iP	19	40	39	DNE	2.0
		iS		41	05		
17	SHL	iPg	19	47	05	DNE	0.6
		iSg		47	13		
17	SHL	iP	20	38	47	DN	

17 Epc: 10.7°S, 78.7°W, Near Coast of Peru, about 125 killed, over 3000 injured.

17 Epc: 10.7°S, 78.7°W near Coast of Peru. About 125 killed, over 3000 injured and mjor property damage. Tsuname of 11.3 feet at La Punta Peru and 1.6 feet at Valparaiso, Chile. Depth= 38 kms (USCGS).
H= 21h 41m 56.3s (USCGS).
Mag. = 7½ (Pas), 7.5(BRK)

	BHK	iPKP	22	01	39	C	
	BOM	iPKP$_1$		01	50		
		PKP$_2$		01	50		
		ePP		05	15		
		PKS$_2$		05	53		
		SKS		08	48		
		SKKKS		12	38		
		SKSP		15	30		
		SKKS$_2$		17	45		
		e		18	45		
		SSP		25	02		
	NDI	iPKP	22	01	43		
	POO	iPKP	22	01	44	C	148.2
	DDI	iPKP	22	01	44		
		i		07	18		
		i		17	14.3		
	KOD	iPKP	22	01	51	CSE	159.0
		iPP		05	36		
		SKS		08	47		
		SS		19	57		
		LQ		28	50.2		
	CHA	ePKP	22	01	53		
		PP		05	16		
		i		17	28		
		i		26	30		
	MDR	ePKP$_2$	22	01	53		160.0
		i		02	01		
		i		02	35		
		i		03	01		
		PP		06	17		
17	BOK	iPKP	22	01	55	CE	
		PP		06	27		
	SHL	iPKP	22	01	56	CE	153.2
		PKS		05	20		
		iPP		05	22		
	VIS	iPKP	22	01	56		
	SEH	ePKP	22	02	02		
	TOC	e	22	02	02		
	CAL	iPKP	22	02	03	SE	
	PBA	iPKP	22	02	05	CNW	
		PP		07	20		
		i		07	30		
		i		14	32		
17	POO	eP	23	52	44		
18	POO	eP	00	06	44		
18	POO	eP	04	17	28		
18	POO	eP	05	03	02		
18	POO	eP	08	00	33		
	NDI	e	08	00	47		
18	NDI	e	08	46	02		
	POO	eP	08	46	08		
18	NDI	iSg	10	17	21		
		e		21	57		
18	NDI	e	13	12	07		
	SHL	iP	13	13	05	D	
18	NDI	iPn	14	28	25.5	SEC	1.9
		iPg		28	31.5		
		iSn		28	40.5		
18	SHL	iP	15	12	28	DNE	
18	CHA	iP	17	53	04	C	
18	CHA	eP	19	03	09		
18	SHL	iP	19	03	14	D	

18 Epc: 24.3° N, 94.8°E, Burma India Border Region.
Depth = 86 Kms (USCGS).
H = 20h 34m 37s (USCGS).
Mag. = 5.2(CGS).

	SHL	iPn	20	35	23	CNW	2.9
		i		35	52		
		Sn		35	56		
		Sg		36	06		
	TOC	ePn	20	35	26		
		i		35	46		
	CHA	eP	20	36	23		6.8
		S		37	40		
	BOK	eP	20	36	33		

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DATE	STN	PHASE	H. M. S.	Δ Deg.	
18	CAL	eP	20 37 11		
	DDI	eP	20 38 14		
		i	41 11		
	NDI	iP	20 38 25		D
		i	41 08		
	POO	eP	20 39 09	19.4	
		eS	42 42		
	KOD	iP	20 39 24.3		RNE
	BOM	e	20 39 36		
		e	43 06		
		e	43 49		
	MDR	eP	20 41 42		
18	KOD	iP	20 43 12.4		CNW
		i	43 12.6		
18	SHL	iPg	21 15 49		DNE 0.8
		iSg	15 59		
18	SHL	iP	21 26 05		DNW
	CHA	e	21 26 37		
	KOD	iP	21 27 15.5		CSE
		i	27 15.7		
19	SHL	iPg	00 43 24		CE 0.8
		iSg	43 34		
19	SHL	iP	01 03 37		D
19	POO	eP	01 09 35		
19	SHL	iP	01 10 34		D
19	BHK	e	01 33 32		
19	POO	eP	02 29 29		
19	POO	eP	02 43 10		
19	Epc: 49.7°N, 78.0°E, Eastern Kazakh SSR. Depth = 0 Kms. H = 03h 57m 57.7s (USCGS). Mag. = 4.6-5.0(BRK), 5.6(CGS).				
	BHK	iPg	04 02 13.6	0.20	
		iSg	02 15.6		
	DDI	eP	04 02 25		
		i	03 05		
	CHA	iP	04 03 18		
	SHL	iP	04 03 37		CSE
	POO	iP	04 04 21.2		CS
	KOD	iP	04 05 31.5		CSE
		i	05 31.7		
	NDI	iP	04 02 44		CE
		i	02 48		

DATE	STN	PHASE	H. M. S.	Δ Deg.	
19	Epc: 22.5°N, 142.0°E, Volcano Islands Region. Depth=250 Kms (USCGS). H=06h 30m 34.9s (USCGS). Mag. = 4.6-5.0(BRK), 5.0(CGS).				
	SHL	iP	06 38 33		DNE
	NDI	iP	06 40 05		DW
	KOD	iP	06 40 36.3		DSW
		e	40 37.0		
	POO	iP	06 40 40		D
19	Epc: 1.6°S, 15.5°W, North of Ascension Island. Depth = 33 Kms. H=08h 01m 33.8s (USCGS). Mag. = 6¾(PAS), 6¾(CGS Surface Wave)				
	BOM	eP	08 14 27	92.2	
		PP	18 11		
		SKS	24 59		
		iS	25 28		
		i	26 27		
		e	31 33		
	POO	eP	08 14 31		
		PP	18 22		
		i	25 44		
	NDI	eP	08 14 46	94.5	
		PP	18 30		
		SKS	25 16		
		eS	25 57		
		PS	27 20		
		SS	32 22		
	BHK	eP	08 14 49	95.3	
		PP	18 38		
		i	22 11		
		iS	26 03		
	KOD	iP	08 14 48		DNW
		i	25 05		
		i	25 33		
	DDI	iP	08 14 53		C
		e	25 50		
		i	39 24		
	MDR	eP	08 15 05		
		i	25 50		
	SEH	e	08 15 20		
		e	18 46		
	BOK	eP	08 15 33	97.7	
		i	19 37		
		iS	26 56		
		PS	28 26		
		PPS	29 21		
	CHA	eP	08 15 40		
		eS	15 47		
	SHL	eP	08 16 02		
		i	20 28		

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DATE	STN	PHASE	H. M. S.		Δ Deg.
19	CAL	eP	08 19 18		78.6
		iS	29 15		
	PBA	eP	08 19 38		85.2
		PP	22 46		
		PPP	24 54		
		i	26 50		
		eS	30 08		
		SS	36 12		
		LQ	44 06		
		M	55 44		
19	SHL	iP	09 05 21	DE	2.0
		iS	05 47		
19	CHA	eP	09 39 15		
19	SHL	iP	11 34 14	CNW	
19	Epc: 7.7°S, 126.9°E Banda Sea. Depth=150 Kms (USCGS).H=12h 42m 31.5s (USCGS).Mag.=5.0(CGS).				
	SHL	iP	12 50 53	C	
	CHA	eP	12 51 34		
	NDI	iP	12 52 53		
19	SHL	iP	13 39 31	D	
19	P00	eP	14 48 05		
19	CHA	eP	14 48 10		
19	SHL	iP	14 48 17	C	
19	K0D	iP	14 48 36.5	D	
19	CHA	eP	15 48 56		
19	SHL	eP	15 48 56		2.7
		eS	50 30		
19	NDI	e	17 57 48		
19	P00	eP	17 58 02		
19	BHK	e	19 12 16		
19	SHL	iP	19 35 18	CNE	
19	CHA	iP	19 35 35	D	
19	P00	ePKP	19 42 06		
19	SHL	iP	19 46 04	CNW	
19	CHA	iP	19 46 20	D	
19	P00	eP	19 47 51		
19	K0D	iP	19 48 16	DS	
		e	48 16		
19	B0M	e	20 16 -		
19	SHL	iP	20 45 19	CNE	
19	Epc: 33.6°N, 78.5°E, Kashmir Tibet Border Region.Depth=27Kms(USCGS) H=00h 53m 38.7s(USCGS). Mag.=5.0(CGS).				

DATE	STN	PHASE	H. M. S.		Δ Deg.
20	BHK	iPn	00 54 29.7		2.9
		Pg*	54 34.1		
		Pg	54 38.9		
		iSn	55 06.3		
		S*	55 14.5		
		Sg	55 18.3		
20	DDI	iP	00 54 32	C	3.4
		i	54 40		
		Pg	54 44.5		
		iSg	55 28		
	NDI	iP	00 54 55	CS	4.9
		PP	55 02		
		PPP	55 09		
		Pg	55 17		
		Sn	55 53		
		S*	56 07		
		Sg	56 15		
	CHA	eP	00 56 05		9.6
		iS	57 55		
		e	58 04		
		i	59 34		
	B0K	eP	00 56 24		11.1
		PPP	56 40		
		iS	58 30		
		SS	58 45		
	SHL	eP	00 56 53		13.5
		iS	59 25		
	CAL	eP	00 56 53		13.6
		iS	59 26		
	P00	eP	00 57 13		
		e	01 00 24		
	B0M	e	00 57 22		
		i	57 35		
		e	01 00 34		
		e	00 44		
		i	00 53		
	VIS	eP	00 57 23		15.7
		eS	01 00 18		
	MDR	eP	00 58 12		20.6
		PP	58 30		
		eS	01 01 58		
		SS	02 25		
		SSS	02 41		
	K0D	iP	00 58 46	RNW	
		i	01 04 06		
	PBA	iP	00 59 07	C	25.0
		eS	03 31		
20	NDI	iSg	02 43 11		
20	SHL	iPg	03 03 52	DN	0.6
		iSg	04 00		
20	NDI	eP	04 31 22		7.8
		eS	32 52		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
20	POO	eP	04	31	54		
20	NDI	e	06	40	04		
20	BOK	e	10	23	10		
20	SHL	iP	11	43	53	DNE	
20	KOD	iP	11	45	01.2	CNW	
20	NDI	iP	11	45	32.5	DE	
20	POO	eP	11	45	34		
20	NDI	e	13	25	2.5		
		e		25	55		
20	POO	eP	13	28	52		
20	MDR	ePg	13	37	27		0.1
		eSg		37	28		
20	MDR	ePg	13	38	47		0.1
		iSg		38	48		
20	KOD	eP	13	40	28.7	CNW	
20	SHL	iP	13	48	08	DSE	
20	MDR	ePg	14	22	04		0.1
		iSg		22	06		
20	KOD	ePg	14	23	48	CNE	
20	SHL	iP	15	13	51	CE	
20	POO	eP	15	15	22		
20	MDR	iPg	15	54	06	DW	0.1
		iSg		54	07		
20	KOD	ePg	15	55	13		3.4
		iSg		55	57.5		
20	KOD	iPg	15	55	13.8	CNE	3.3
		iSg		55	56.3		
20	POO	eP	15	58	11		
20	SHL	iPg	16	36	48	CSE	0.2
		iSg		36	51		
20	NDI	iSg	20	37	38		
21	NDI	iSg	02	48	16		
21	SHL	iPg	02	53	21	DNW	0.9
		iSg		53	33		
21	NDI	iP	05	03	23	CS	
	SHL	eP	05	04	48		
21	NDI	iSg	05	09	35		
21	NDI	iSg	06	32	30		
21	BOK	e	07	03	53		
21	SHL	eP	07	31	35		4.2
		iS		32	25		
21	SHL	iP	10	12	03	D	
21	KOD	iP	10	53	19	D	
21	NDI	eP	10	55	33		
21	POO	eP	10	55	45		
21	SHL	eP	13	13	06		
21	NDI	iP	12	59	20	C	
21	MDR	iPg	14	45	34	DW	0.1
		iSg		45	35		
	KOD	iPg	14	46	41.8	NEC	3.3
		iSg		47	25.6		
21	POO	eP	14	49	02		
21	SHL	iP	15	14	47	CNW	
21	NDI	iSg	15	16	08		
21	MDR	ePg	15	23	03		0.1
		iSg		23	05		
21	KOD	ePg	15	24	42	D	1.2
		iSg		24	58		
21	POO	eP	15	27	14		
21	NDI	e	16	25	24		
21	SHL	eP	16	26	59		
21	SHL	iP	20	44	48	C	
21	SHL	iP	23	42	53	CNW	2.8
		iS		43	28		
22	PBA	e	02	34	13		

22 Epc: 23.1°N, 94.4°E, Burma India Border Region.
Depth= 68 Kms (USCGS).
H= 03h 03m 23.5s (USCGS).
Mag.= 5.3(CGS).

SHL	iP	03	04	15	CN	
	iS		04	50		
	SSS		05	10		
TOC	e	03	04	30		3.1
	Pg		04	33		
	Sn		05	01		
	Sg		05	13.5		
BOK	iP	03	05	13	DE	6.9
	iS		06	33		
CHA	iP	03	05	13		7.0
	eS		06	34		
VIS	eP	03	06	04		10.5
	eS		08	03		
PBA	eP	03	06	05		11.3
	i		06	22		
	iS		08	13		
	i		08	17		
	i		08	21		
	i		08	25		
	i		09	40		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.
22	SEH	eP	03	07	03	15.1
		i		09	48	
		iS		09	52	
	DDI	eP	03	07	07	15.4
		PP		07	18	
		PPP		07	22	
		iS		09	55	
		SS		10	12	
	NDI	iP	03	07	11	D
		PP		07	23	
		i		09	53	
		i		10	10	
	MDR	iP	03	07	12	
		PP		07	23	
		LQ		10	02	
		eS		10	05	
		SS		10	23	
	POO	iP	03	07	50	D
		e		11	12	
	BOM	iP	03	07	59	D 19.5
		i		08	02	
		PP		08	18	
		iS		11	33	
		LQ		11	38	
		PcP		12	20	
	KOD	iP	03	08	00	NE
22	GOA	eP	03	08	03	
22	PBA	i	03	15	20	
22	PBA	iP	03	18	56	DNE
22	KOD	ePg	12	02	32	2.8
		iSg		03	09	
22	KOD	iPg	12	02	32.5	CNE 2.8
		iSg		03	09	
22	KOD	iPg	12	02	33	2.8
		eSg		03	09.6	
22	POO	eP	12	05	15	
22	MDR	ePg	12	31	05	
22	Epc: 55.2°N, 162.0°E, Near east coast of Kamchath. Depth=59 Kms (USCGS). H=12h 47m 18.2s(USCGS). Mag.=5.4(CGS).					
	SHL	iP	12	57	20	D
	CHA	eP	12	57	21	
	DDI	eP	12	57	42	
	NDI	e	12	57	52	
	POO	eP	12	58	47	
	KOD	iP	12	59	14	DNE
	BHK	e	13	27	13	
22	BOM	e	13	28	-	
22	MDR	eP	14	41	53	1.9
		Pg		41	57	
		iS/Sg		42	18	
		SS		42	26	
22	KOD	iPg	14	42	08.5	2.76
		iSg		42	46	
22	KOD	iPg	14	42	08.8	CNE 2.8
		iSg		41	45	
22	KOD	ePg	14	42	09	2.7
		eSg		42	45	
22	POO	eP	14	44	27	
22	POO	ePg	15	24	07	D 1.3
		iSg		24	24.4	
22	SHL	iPg	15	53	19	CSE 0.5
		iSg		53	25	
22	SHL	eP	17	59	32	6.7
		iS	18	00	50	
22	NDI	iPg	18	50	31.5	EC 0.12
		iSg		50	32	
22	CHA	iP	19	25	09	
23	Epc: 29.9°N, 68.2°E, West Pakistan. Depth=25 Kms(USCGS). H=00h 00m 01.8s(USCGS). Mag. = 4.8(CGS).					
	NDI	eP	00	01	57	7.0
		iS		03	18	
		i		03	32	
	DDI	eP	00	02	05	7.9
		iS		03	36	
	BOM	eP	00	02	47	
		e		06	34	
	POO	eP	00	02	56	
	CHA	eP	00	03	54	
	BOK	e	00	04	07	
	BHK	i	00	04	18	
		i		05	17	
	KOD	eP	00	04	50	
		e		04	53	
	SHL	eP	00	04	50	
23	Epc: 2.6°N, 127.2°E, H = 00h 00m 18.2s. Depth = 55 kms (USCGS). Mag. 5.3(CGS).					
	SHL	iP	00	07	55	C
	MDR	eP	00	08	50	
		i		09	03	
		e		11	06	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
23	KOD	iP	00	09	05	DSW	
	CAL	e	00	09	53		
23	KOD	ePg	00	33	36.3		1.2
		iSg		33	52.3		
23	KOD	ePg	00	33	36.5	CNE	1.2
		iSg		33	52.6		
23	KOD	ePg	00	33	36.5		1.2
		iSg		33	52.7		
23	SHL	iP	02	22	02	C	
23	Epc: 51.0°N 159.2°E, Off Coast of Kamchatka. Depth = 38 kms(USCGS). H = 07h 09m 20.9s (USCGS). Mag. = 5.2(CGS).						
	SHL	iP	07	19	00	SW	
	CHA	iP	07	19	17	D	
	NDI	e	07	19	47		
	POO	iP	07	20	47.6	C	
	BOM	eP	07	20	49		74.3
		e		22	22		
		eS		30	23		
	BHK	e	07	44	25		
23	Epc: 6.5°S, 155.2°E, Solomon Islands. Depth = 34 Kms (USCGS). H = 09h 15m 48s (USCGS). Mag. = 5.0 (CGS).						
	SHL	iP	09	26	50	S	
	CHA	iP	09	27	18	D	
	KOD	iP	09	27	50	DS	
	NDI	e	09	28	05		
	POO	eP	09	28	12		
23	NDI	iSg	12	02	50.5		
23	KOD	iPg	12	14	47.8	CNE	2.8
		iSg		15	24.6		
23	KOD	iPg	12	14	47.8		2.8
		iSg		15	24.7		
23	KOD	ePg	12	14	48		2.8
		iSg		15	25		
23	MDR	e	12	15	06		
		e		15	10		
23	POO	eP	12	17	25		
23	SHL	iP	12	24	58	CNE	
	CHA	eP	12	25	14		
	POO	iP	12	26	44	C	
23	BHK	e	12	51	30		
	BOM	e	12	55	-		
23	BOM	iPg	14	11	20	D	0.5
		iSg		11	27		
23	POO	ePg	14	11	30	C	1.0
		iSg		11	43.5		
23	Epc: 10.8°S, 78.9°W, Near Coast of Peru. Depth=44 Kms (USCGS). H=15h 32m 54.2s(USCGS). Mag. = 5.0(CGS).						
	NDI	ePKP	15	52	40		
	POO	ePKP	15	52	40		
	KOD	ePKP	15	53	19	CE	
	SHL	iPKP	15	53	44	D	
	POO	eP	17	24	23		
23	Epc: 6.3°S, 129.9°E, Banda Sea.Depth=95 Kms (USCGS) H= 17h 20m 00.2s (USCGS). Mag. = 5.1(CGS).						
	SHL	iP	17	28	37	CNW	
	CHA	iP	17	29	09	C	
	MDR	e	17	29	09		
		e		37	16		
	KOD	iP	17	29	23	DSE	
	POO	iP	17	30	01	C	
	NDI	iP	17	30	07	WC	
23	NDI	iPg	18	19	21.0	C	0.58
		iSg		19	28.6		
23	SHL	iP	19	08	41	D	
24	KOD	eP	06	12	21	DSW	
		i		12	21.5		
24	PBA	ePg	07	31	56		0.8
		iSg		32	06		
24	SHL	iP	07	47	16	C	
24	BOK	e	08	01	12		
24	BOK	e	08	26	37		
24	SHL	iP	10	34	54		2.0
		iS		35	22		
24	SHL	iP	13	23	05	D	
24	SHL	iP	14	03	51	D	
24	CHA	eP	14	04	08		
24	NDI	e	14	04	45		
24	POO	eP	14	05	43		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
24	CHA	eP	14	21	47		
24	DDI	eP	14	35	13		
	NDI	eP	14	35	13		
		i		35	17		
	POO	eP	14	36	18		
	SHL	iP	14	37	23	C	
	KOD	iP	14	37	39.3	DN	
		i		37	42.8		
	BHK	e	14	40	17		
		e		41	06		
24	SHL	iP	18	52	17	DSW	
	CHA	iP	18	52	54	C	
	NDI	iP	18	54	03	WC	
	POO	eP	18	54	43		
24	SHL	iPg	19	58	16	CNW	1.1
		iSg		58	30		
24	SHL	iP	20	06	16	CE	
24	SHL	iP	21	07	52	CE	
24	CHA	iPg	21	18	31.4	D	
		eSg		18	40		
24	NDI	e	22	19	13		
25	Epc: 29.3°N, 80.9°E H=00h 15m 43s (New Delhi).						
	DDI	ePn	00	16	26		2.5
		eSg		17	06		
	NDI	ePn	00	16	35		3.2
		iPg		16	47		
		Sn		17	15		
		Sg		17	34		
	CHA	iP	00	17	15	C	
	POO	eP	00	18	45		
25	Epc: 6.6°S, 147.2°E, East New Guniea Region Felt at Lac. Depth = 67 Kms (USCGS). H=00h 26m 36.3s(USCGS). Mag. = 5.3(CGS).						
25	SHL	iP	00	36	57	D	
	CHA	eP	00	37	27		
	NDI	e	00	38	19		
		i		38	36		
	POO	eP	00	38	23		
25	SHL	iP	00	57	59	D	
25	CHA	e	00	58	31		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
25	POO	eP	00	59	21		
25	NDI	e	00	59	28		
25	NDI	e	02	17	10		
25	SHL	ePg	06	16	00		0.8
		iSg		16	13		
25	Epc: 29.9°N, 68.9°E, West Pakistan. Depth=6 Kms (CGS). H=10h 06m 58.1s (USCGS). Mag. = 5.3(CGS).						
	BHK	eP	10	08	46		
		i		09	56		
	NDI	iP	10	08	48	NWD	7.1
		PP		08	57		
		PPP		09	03		
		S		10	10		
		SS		10	17		
		SSS		10	38		
		Sg		11	07		
	DDI	iP	10	08	57	C	7.9
		eS		10	29		
	SEH	e	10	09	33		
		i		09	46		
		i		13	03		
	BOM	eP	10	09	40		
		PP		09	48		
		i		12	06		
	POO	iP	10	09	52	C	12.9
		eS		12	19		
	BOK	e	10	10	45		
		PP		10	55		
		iS		13	35		
		i		13	38		
		i		13	52		
	CHA	eP	10	10	47		16.3
		i		10	50		
		iS		13	48		
	VIS	eP	10	11	09		16.9
		eS		14	17		
	CAL	iP	10	11	28		20.2
		iS		15	10		
	MDR	eP	10	11	33		20.7
		eS		15	20		
		SS		15	49		
		SSS		16	12		
	SHL	iP	10	11	43	C	21.6
		PP		12	10		
		eS		15	38		
	KOD	eP	10	11	48	DSW	21.9
		e		11	49		
		PP		12	15		
		PPP		12	26		
		iS		15	46		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H. M. S.	Δ Deg.		
Contd.						
25	KOD	LQ	10 16 07			
		SS	16 17			
		SSS	16 40			
		PcS	19 18			
		ScS	22 58			
25	PBA	iP	16 04 35.4	1.3		
		iSg	04 53.4			
25	DDI	eP	17 14 04			
		i	15 50			
25	NDI	eP	17 14 23	10.4		
		eS	16 21			
25	CHA	eP	17 15 28			
25	BHK	e	17 16 17			
25	POO	eP	17 16 34			
25	Epc: 36.8°N, 138.2°E, Honshu Japan, Depth=28 Kms (USCGS). H=18h 04m 11.8s (USCGS). Mag. = 5.2(CGS).					
	SHL	iP	18 11 52		DNE	
	CHA	iP	18 12 19		D	
	NDI	e	18 13 13			
	POO	eP	18 14 07			
25	BHK	e	18 35 44			
25	NDI	e	19 45 02			
25	SHL	iPg	20 35 41		CNE	0.7
		iSg	35 50			
		SSS	35 58			
	CHA	eP	20 36 24			
	TOC	e	20 36 26			
	BOK	e	20 36 59			
	NDI	e	20 40 35			
	POO	eP	20 42 55			
25	TOC	iPg	20 36 47.8	1.2		
		iSg	37 04.5			
25	NDI	eP	23 22 49	6.9		
		eS	24 49			
25	DDI	eP	23 22 54			
		i	23 49			
25	CHA	iP	23 24 54		D	
25	SHL	iP	23 25 42		DNW	
25	SHL	iP	23 28 10		CNW	
25	NDI	e	23 28 20			
25	POO	eP	23 57 02			
26	NDI	e	04 32 15			
26	CHA	iP	05 31 29		D	
26	POO	eP	05 33 09			
26	SHL	eP	06 28 37	2.7		
		iS	28 11			
26	POO	eP	08 33 15			
	NDI	eSg	08 33 18			
26	SHL	iP	08 54 13		D	
26	SHL	iPg	10 50 32		DNE	1.1
		iSg	50 46			
26	CHA	eP	15 21 22	1.9		
		S	21 47			
26	SHL	iP	16 57 46		DNE	2.4
		eS	58 16			
26	NDI	e	17 53 09			
		e	54 21			
26	CHA	e	17 57 57			
	POO	eP	17 57 58			
26	SHL	iPg	18 31 47		CSE	0.6
		iSg	31 55			
26	SHL	iP	18 39 43		DSW	
26	SHL	iP	18 41 31		DNW	
26	CHA	iP	18 41 53		D	
26	CHA	eP	19 40 34			
26	Epc: 13.5°N, 121.0°E, Mindoro Philippine Islands.Felt at Calapan. Depth = 51 Kms (USCGS). H = 20h 09m 36.0s (USCGS) Mag. = 5.0 (CGS).					
	SHL	iP	20 15 42		CSW	
	CHA	iP	20 16 22		D	
	KOD	eP	20 17 27			
		e	17 28			
	POO	eP	20 17 55			
27	CHA	eP	00 53 32			
27	POO	eP	00 57 59			
27	NDI	ePn	01 53 48			
		eSn	54 29	4.0		
		e	55 07			
27	Epc: 14.1°N, 145.3°E, Mariana islands. Depth = 125 Kms (USCGS). H = 02h 27m 40.7s (USCGS). Mag. = 5.2(CGS).					
	SHL	iP	02 36 42		CSW	
	CHA	iP	02 37 15		C	
	NDI	e	02 38 13			
	POO	iP	02 38 39		C	
27	KOD	iP	02 47 52.8		RSW	
		e	47 53			

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	△ Deg.		
27	KOD	i	02	47	55.8			
27	NDI	iPg	05	47	41.5	SC		0.13
		eSg		47	43.2			
27	NDI	eSg	05	49	24			
27	EPC: 73.4°N, 54.8°E, Novaya Zemlya. Depth = 0 Km (USCGS). H = 05h 57m 58.0s (USCGS). Mag. = 5.8-6 (BRK), 5-5¼ (PAL), 6.3(CGS).							
	BHK	iP	06	06	06	C		44.8
		PP		07	45			
		PPP		08	27			
		eS		12	44			
		SS		15	57			
		i		20	34			
	DDI	iP	06	06	16	D		
		i		07	55			
	NDI	iP	06	06	27	CSE		46.7
		PP		08	15			
		S		13	17			
	CHA	iP	06	06	55	CS		
		ePP		08	51			
	SHL	iP	06	07	09	CS		
	BOK	eP	06	07	12	CS		
	POO	iP	06	07	13	C		
		e		09	44			
	CAL	eP	06	07	24			
	BOM	iP	06	07	37	CSW		
		i		07	38			
		PP		09	37			
	VIS	eP	06	07	53			58.2
		i		08	46			
		eS		15	54			
	MDR	iP	06	08	23	CW		62.0
		PcP		09	03			
		PP		10	53			
		PPP		12	17			
		eS		16	47			
		PS		17	06			
		SKS/ScS		18	12			
	KOD	iP	06	08	31	CS		
	PBA	iP	06	08	45	SC		
27	CHA	eP	06	49	55			1.6
		S		50	17			
27	PBA	e	07	01	44			
27	BOK	e	08	22	16			
27	BOK	e	09	14	41			

DATE	STN	PHASE	H.	M.	S.	△ Deg.		
27	EPC: 20.2°N, 145.6°E, Mariana Islands. Depth = 118 Kms. H = 09h 18m 15.5s (USCGS). Mag. = 4.1-4.5 (BRK), 5.4(CGS).							
	SHL	iP	09	26	56	DSE		
	CHA	iP	09	27	28	D		
	NDI	eP	09	28	25			
	NDI	eP	09	28	59			
	BOK	e	09	29	36			
27	NDI	e	12	28	21			
27	SHL	iP	14	13	48	DE		
	TOC	eP	14	13	53			
		e		14	12			
27	NDI	e	14	17	23			
27	Epc: 22.2°N, 145.9°E, North Pacific Ocean. Depth = 29 Kms (USCGS). H= 14h 21m 04.8s (USCGS). Mag. = 6-6¼(PAS) 5.8-6.2(BRK). 6.0 (CGS)							
	TOC	eP	14	29	38			46.6
		eS		36	27			
	SHL	iP	14	29	53	DNE		48.8
		PP		31	45			
		ScP		35	10			
		iS		36	56			
		SS		40	21			
	PBA	iP	14	30	11			51.7
		iS		37	32			
	CHA	iP	14	30	24	DNE		52.8
		S		37	52			
	CAL	iP	14	30	25	NE		52.8
		iS		37	53			
	BOK	iP	14	30	35	DNE		54.5
		PP		32	37			
		PPP		33	46			
		PcS		35	35			
		eS		38	13			
		SS		42	00			
	VIS	iP	14	31	02			58.5
		PP		33	15			
		PPP		34	37			
		iS		39	05			
	DDI	iP	14	31	15	C		60.8
		iS		39	32			
	NDI	iP	14	31	21	NED		61.0
		iS		39	40			
	BHK	iP	14	31	24	D		62.0
		i		33	24			
		iPP		33	40			
		eS		39	48			
		e		47	06			

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
27	MDR	iP	14	31	31	DW	63.0
		PcP		32	15		
		PP		33	43		
		eS		40	01		
		PS		40	17		
		PPS		40	35		
	SEH	iP	14	31	32	E	63.2
		e		31	39		
		e		32	04		
		e		33	50		
		eS		40	03		
	KOD	iP	14	31	47	DNE	
		i		41	35		
	POO	iP	14	31	57	D	66.7
		iS		40	49		
	GOA	iP	14	32	01	C	
	BOM	iP	14	32	04	DNE	67.3
		PcP		32	31		
		e		35	59		
		iS		40	59		
		i		41	04		
		i		41	14		
		PPS		41	31		
27	SHL	iP	14	48	54	DSW	
27	TOC	eP	17	18	07		
	SHL	eP	17	18	08		
27	Epc: 22.2°N, 145.9°E, H = 14h 21m 04.8s. Depth = 29 Kms (USCGS). Mag. 6.0 (CGS).						
	SHL	iP	17	33	36	CW	
	TOC	ePn	17	33	50		
	CHA	iP	17	34	36		
		i		35	49		
	BOK	eP	17	34	43		
	CAL	i	17	35	16		
	NDI	eP	17	36	35		
		e		39	14		
	POO	iP	17	37	25	C	
27	POO	eP	20	14	25		
27	SHL	iP	20	20	52	DNE	2.0
		iS		21	18		
	TOC	e	20	21	09		
27	CHA	e	21	26	21		
27	SHL	iPg	21	52	47	CNE	1.2
		iSg		53	02		
27	CHA	eP	21	53	19		4.5
		S		54	13		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
27	Epc: 7.4°S, 146.9°E. H = 22h 26m 20.5s. Depth = 137 Kms. Mag. 5.1 (CGS).						
	SHL	iP	22	36	34	CNW	
	CHA	iP	22	37	04	D	
	POO	eP	22	37	57		
	CHA	iP	23	27	39	D	
		i		27	48		
27	SHL	iP	23	27	45	DN	
		i		28	00		
27	CAL	e	23	30	51		
27	Epc: 41.7°N, 141.9°E, Hokkaido Japan Region. Depth = 71 Kms (USCGS). H= 23h 46m 47.7s (USCGS). Mag. = 5.3 (CGS).						
	CHA	iP	23	55	15	D	
		i		56	46		
	NDI	iP	23	56	02	CSW	
		i		57	08		
	POO	iP	23	57	01	C	
28	Epc: 9.6°S, 159.8°W, Solomon Islands. Felt at Honiara. Depth = 32 Kms (USCGS). H = 01h 41m 19.1s (USCGS). Mag. = 5.5 (CGS).						
	SHL	iP	01	52	58	CSE	
	NDI	eP	01	54	08		
	POO	eP	01	54	13		
28	SHL	iP	02	44	28	C	
28	BOK	e	05	06	45		
28	BOK	e	07	46	32		
28	BOK	e	10	34	25		
28	SHL	iP	11	00	42	DNE	
28	NDI	eP	11	01	28	D	
28	NDI	eP	12	29	39	D	
28	SHL	iP	13	28	17	CSW	
28	POO	iP	13	30	32	C	
28	KOD	iP	13	30	43.8	CNE	
		i		30	44		
28	SHL	iPg	15	54	55	DN	0.7
		iSg		55	04		
28	POO	eP	17	29	25		
	SHL	iP	17	32	38	CSE	
28	SHL	iP	17	44	47	CNE	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	△ Deg.	
28	CHA	eP	17	45	03		
28	SHL	iP	18	36	00		DNE
	CHA	iP	18	36	34		D
	NDI	iP	18	37	39		C
28	SHL	eP	18	49	49	3.5	
		iS		50	32		
	TOC	eP	18	49	54		
28	NDI	e	20	42	12		
28	SHL	eP	22	03	13		
28	SHL	iP	22	24	35		DE
28	CHA	e	22	24	56		
28	SHL	iP	23	37	15		CE
29	SHL	iP	00	55	20		CSW
29	POO	eP	00	57	07		
29	POO	eP	01	15	03		
29	Epc: 39.2°N, 21.2°E, Greece one killed, 23 injured, and major property damage, depth= 20 Kms.H=02h 39m 29.4s (USCGS). Mag. = 5.7 (CGS).						
	DDI	iP	02	47	57		D
		i		49	46		
	NDI	iP	02	47	58		CSE 46.6
		iS		54	46		
	BOM	iP	02	48	12		CSE 49.7
		PP		50	06		
		eS		52	21		
		PPS		55	36		
		ScS		58	04		
	POO	iP	02	48	19		C
		e		58	09		
	CHA	iP	02	49	03		C 55.3
		iS		56	46		
	KOD	iP	02	49	17		CSE
	MDR	iP	02	49	18		CW 56.5
		PcP		50	13		
		eS		57	09		
		ScS		59	09		
	SHL	iP	02	49	32		CSW 59.0
		eS		57	38		
	PBA	iP	02	50	29		CS
		i	03	00	29		
29	POO	eP	06	09	27		
29	SHL	iP	07	19	32		DNE
29	BOK	e	08	47	28		
29	BHK	i	09	02	02		
		i		04	26		
		i		06	29		
	NDI	iP	09	02	03		
		PP		02	11		
		iS		03	52		
		SS		04	04		
	BOM	eP	09	02	12		10.1
		PP		02	19		
		eS		04	07		
		SS		04	20		
		SSS		04	31		
	DDI	iP	09	02	16	D	11.0
		eS		04	21		
	SEH	e	09	02	17		
		i		04	17		
	POO	eP	09	02	24		11.3
		eS		04	32		
	GOA	eP	09	02	58		
	BOK	e	09	03	50		
	CHA	iP	09	04	00	C	
		i		07	19		
		i		07	41		
	MDR	eP	09	04	10		20.1
		PP		04	32		
		eS		07	51		
		LQ		08	02		
		SS		08	20		
		SSS		08	32		
	KOD	iP	09	04	16.3		RNW
		i		04	18		
	CAL	iP	09	04	27	E	24.7
		iS		08	47		
	SHL	iP	09	04	46		DNW
29	KOD	iP	10	22	33.6		CNE
		e		22	34.0		
		i		22	34.0		
29	Epc: 0.3°N, 122.0°E, H = 11h 06m 19.2s. Depth = 224 Kms. Mag. 4.8 (CGS).						
	SHL	iP	11	13	22		CNW
	MDR	e	11	14	01		
	POO	eP	11	14	56		
		e		20	14		
	KOD	iP	11	14	17		CNE
	NDI	iP	11	15	01		WC
29	NDI	eP	14	02	43		8.6
		eS		04	22		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
29	EPC: 41.8°N, 144.1°E, HOKKAIDO Japan Region. Depth = 41 Kms (USCGS). H = 14h 32m 41.2s (USCGS). Mag. = 5.0 (CGS).						
	NDI	eP	14	42	10	SC	
	POO	iP	14	43	07.7	C	
	KOD	iP	14	43	25.8	RCN	
		iP		52	38.5		
		e		52	39.0		
29	EPC: 36.7°N, 69.8°E, Hindu Kush Region. Depth = 73 Kms (USCGS). H= 14h 46m 57s (USCGS). Mag. = 4.9 (CGS).						
	DDI	eP	14	49	09		
		i		51	55		
	NDI	eP	14	49	18		10.1
		PPP		49	31		
		iS		51	10		
	BHK	e	14	50	30		
		i		51	01		
		i		51	54		
	POO	eP	14	50	54		
	CHA	eP	14	50	58		
	SHL	iP	14	51	45	CSE	
	BOM	e	14	55	22		
		e		57	17		
		e	15	13	-		
	MDR	e	14	57	24		
		e	15	00	07		
29	BHK	e	15	06	40		
29	KOD	eP	15	15	46	D	
29	POO	eP	15	52	10		
29	SHL	iP	15	53	11	D	
29	BOM	e	16	56	-		
29	NDI	iPg	19	29	04.3	SEC	0.4
		iSg		29	09.0		
30	SHL	iPg	03	13	05	DNW	1.2
		iSg		13	20		
30	POO	eP	05	14	18		
30	BHK	e	05	39	18		
30	POO	eP	05	52	49		
30	KOD	iPg	12	09	44	CSW	2.8
		iSg		10	21		
30	KOD	iPg	12	09	44.3		2.8
		iSg		10	21.2		
30	KOD	ePg	12	09	44		2.8
		eSg		10	21		
30	MDR	e	12	09	53		
		e		09	59		
30	POO	eP	12	12	25		
30	SHL	iP	12	34	19	C	
30	NDI	ePg	17	31	52.4	C	
		iSg		31	55.2		
30	NDI	e	17	45	47		
30	CHA	eP	17	47	00		
30	SHL	iPg	19	08	54	DSW	0.8
		iSg		09	05		
30	SHL	iP	19	12	08	DNE	
30	CHA	eP	19	12	37		
30	POO	iP	19	14	22.7	C	
	KOD	eP	19	14	34	C	
31	SHL	iP	00	08	15	DSW	
31	SHL	eP	00	33	58		
	PBA	iP	00	39	09.7	C	3.8
		iS		39	55.7		
	MDR	e	00	41	29		
		e		41	44		
		e		44	01		
	KOD	i	00	42	02	CNW	
		i		44	48		
	SHL	eP	00	42	09		
31	SHL	iP	06	05	51	C	1.4
		eSg		06	10		
31	CHA	e	16	56	35		
31	SHL	iP	19	06	43	CSW	2.8
		iS		07	18		
	CHA	iP	19	07	47	D	
31	SHL	iP	19	32	10	CNW	2.6
		iS		32	43		
31	CHA	iP	19	33	10	C	
31	SHL	iP	20	00	39	DNE	
	CHA	e	20	01	14		
	NDI	e	20	02	21		
		i		02	48		
31	DDI	eP	20	10	31		
		i		11	08		
	NDI	eP	20	10	55		
	CHA	iP	20	11	01	D	
	POO	eP	20	12	27		
31	POO	eP	20	15	53		
31	DDI	eP	22	26	20		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		△ Deg.	DATE	STN	PHASE	H.	M.	S.		△ Deg.
31	NDI	eP	22	26	31		8.4	31	SHL	eP	22	28	51		
		eS		28	07										
31	CHA	iP	22	28	05	C		31	POO	eP	22	29	05		

EARTHQUAKE REPORT
(Non-Instrumental Report)

List of felt earthquake report received from Voluntary Observers for the month of October 1966.

S.N.	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.	Shillong	04	12 16	1	3	V	
2.	Shillong	08	03 00	1	3	V	
3.	Shillong	08	03 01	1	3	V	
4.	Shillong	18	20 36	1	15	V	
5.	Shillong	25	20 30	1	60	V	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude	MEAN Period
Station: BOMBAY (COLABA)				
01	00	1	2.1	4.4
	06	1	2.1	4.7
	12	3	1.5	4.1
			0.3	2.5
	18	3	1.5	4.1
			0.3	2.4
02	00	3	1.1	4.1
			0.6	3.0
			0.2	2.0
	06	3	1.0	4.0
			0.3	2.6
	12	3	1.0	4.0
			0.5	3.0
	18	3	1.1	3.8
			0.5	3.0
03	00	3	0.9	3.6
			0.5	3.0
			0.3	2.0
	06	3	0.9	3.5
			0.5	3.0
	12	3	0.9	3.8
			0.5	3.0
	18	3	0.7	3.6
			0.5	3.0
04	00	3	0.5	3.9
			0.5	3.0
	06	3	0.5	3.3
			0.3	2.0
	12	3	0.5	3.2
			0.3	2.1
	18	3	0.5	3.2
			0.3	2.1
05	00	3	0.5	4.0
			0.3	2.0
	06	Calibration of MS (N-S)		
	12	3	0.5	4.1
			0.3	2.6
	18	3	0.4	4.2
			0.2	2.0
06	00	3	0.4	4.5
			0.3	1.6
	06	3	0.4	4.2
			0.2	1.7
	12	-	-	-
	18	3	0.5	5.1
			0.3	4.0
07	00	3	0.5	5.9
			0.3	4.0
	06	Calibration of SR		
	12	3	0.3	5.5
			0.3	3.0
	18	3	0.3	5.6
			0.2	3.2
08	00	3	0.3	5.4
			0.3	4.0
	06	3	0.3	4.7
			0.2	1.9
	12	3	0.3	4.8
			0.2	2.1
	18	3	0.3	4.9
			0.2	2.2
09	00	3	0.3	4.8
			0.2	2.2
	06	3	0.3	5.0
			0.2	2.3
	12	3	0.3	5.0
			0.3	2.4
	18	3	0.3	5.0
			0.3	2.5
10	00	3	0.3	4.8
			0.3	4.0
			0.3	2.5
	06	3	0.3	4.2
			0.3	2.6
	12	3	0.3	4.2
			0.2	1.6
	18	3	0.3	3.7
			0.3	3.0
			0.2	1.6
11	00	3	0.3	3.6
			0.3	1.6
	06	3	0.5	4.0
			0.2	1.6
	12	3	0.5	3.8
			0.3	2.6
	18	3	0.3	4.0
			0.3	3.0
12	00	3	0.3	3.8
			0.3	3.0
	06	3	0.5	4.2
			0.3	3.0
			0.2	2.2
	12	3	0.5	3.8
			0.3	2.1
	18	3	0.5	7.3
			0.5	3.1
			0.3	2.0
13	00	3	0.5	7.8
			0.5	3.7
			0.3	2.2
	06	3	0.4	8.0
			0.5	3.2
			0.3	2.2
	12	3	0.5	6.4
			0.4	4.0
			0.3	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

Station: BOMBAY (COLABA)

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
13	18	3	0.4	7.8
			0.3	3.5
			0.2	1.7
14	00	3	0.3	5.2
			0.3	3.5
			0.2	1.8
	06	3	0.3	7.3
			0.3	3.2
			0.2	2.0
	12	3	0.3	3.8
			0.2	1.8
	18	3	0.3	5.5
			0.2	1.8
15	00	3	0.3	5.2
			0.3	3.0
	06	3	0.3	4.8
			0.3	4.0
			0.2	2.0
	12	3	0.3	4.0
			0.3	3.0
			0.2	1.8
	18	3	0.3	4.0
			0.3	3.2
			0.2	1.8
16	00	3	0.3	5.1
			0.3	3.0
	06	3	0.3	5.2
			0.3	2.8
	12	3	0.3	4.9
			0.2	1.7
	18	3	0.3	4.9
			0.2	1.9
17	00	3	0.3	4.8
			0.2	1.8
	06	3	0.3	4.6
			0.2	2.0
	12	3	0.3	6.2
			0.3	1.3
	18	3	0.3	4.9
			0.2	2.2
18	00	Shock in progress		
	06	2	0.3	4.6
	12	3	0.3	4.6
			0.2	2.2
	18	3	0.3	4.8
			0.3	2.8
19	00	3	0.3	4.9
			0.3	2.8
	06	3	0.3	4.7
			0.3	2.8
	12	3	0.3	4.2
			0.2	1.4
	18	3	0.3	4.0
			0.3	2.9
			0.2	1.5
20	00	3	0.3	4.8
			0.3	2.6
	06	2	0.3	4.8
	12	3	0.3	5.0
			0.2	2.0
	18	3	0.3	4.9
			0.2	1.7
21	00	3	0.3	5.1
			0.2	2.0
	06	3	0.3	4.9
			0.2	2.0
	12	3	0.3	5.0
			0.2	2.0
	18	3	0.3	5.1
			0.2	1.8
22	00	3	0.3	4.9
			0.2	2.0
	06	3	0.3	6.3
			0.3	5.2
	12	3	0.3	5.0
			0.2	2.0
	18	3	0.3	5.3
			0.2	2.0
23	00	3	0.3	5.2
			0.2	2.1
	06	3	0.3	5.3
			0.2	2.2
	12	3	0.3	5.5
			0.2	2.3
	18	3	0.3	5.5
			0.2	2.0
24	00	3	0.3	5.3
			0.3	4.0
	06	2	0.3	5.6
	12	3	0.3	5.3
			0.2	2.0
	18	3	0.3	7.4
			0.3	5.3
			0.2	1.7
25	00	3	0.3	7.0
			0.3	5.4
			0.2	1.6
	06	3	0.3	7.2
			0.2	1.8
	12	3	0.3	7.3
			0.2	2.0
	18	3	0.4	7.1
			0.2	2.0
26	00	3	0.4	6.8
			0.2	1.8
	06	3	0.5	7.0
			0.3	1.8
	12	3	0.4	7.0
			0.3	2.0
	18	3	0.3	6.1
			0.3	2.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (COLABA)				
27	00	3	0.3	6.7
			0.2	1.8
	06	3	0.3	6.2
			0.2	2.0
	12	3	0.3	6.3
			0.2	2.0
	18	3	0.3	6.2
			0.2	2.0
28	00	3	0.3	6.1
			0.3	4.2
			0.2	2.0
	06	3	0.3	5.6
			0.2	2.0
	12	3	0.3	5.7
			0.3	4.4
			0.2	1.9
	18	3	0.3	6.0
			0.3	2.0
29	00	3	0.3	4.5
			0.2	2.0
	06	3	0.3	4.5
			0.3	2.2
	12	3	0.3	4.4
			0.3	2.0
	18	3	0.3	4.2
			0.3	2.1
30	00	3	0.3	4.4
			0.3	3.1
			0.2	2.2
	06	3	0.3	4.5
			0.2	2.2
	12	3	0.3	4.1
			0.2	2.0
	18	3	0.3	4.2
			0.3	2.8
			0.2	2.0
31	00	3	0.3	4.9
			0.3	2.6
			0.2	2.0
	06	3	0.3	4.5
			0.3	2.1
	12	3	0.2	1.6
			0.3	4.5
			0.3	2.1
	18	3	0.2	1.5
			0.3	4.6
			0.3	2.0
Station: BOKARO				
01	00	2	3.5	4.3
	06	...	-	-
	12	...	-	-
	18	3	0.9	

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOKARO				
02	00	3	0.7	4.0
	06	...	-	-
	12	...	-	-
	18	...	-	-
03	00	3	0.3	4.0
	06	...	-	-
	12	...	-	-
	18	3	0.3	3.6
04	00	3	0.3	4.2
	06	3	0.2	4.8
	12	3	0.2	5.1
	18	3	0.3	5.6
05	00	3	0.3	4.4
	06	3	0.3	5.5
	12	3	0.3	4.9
	18	3	0.2	4.9
06	00	3	0.2	4.8
	06	3	0.2	5.4
	12	3	0.3	5.5
	18	3	0.3	6.5
07	00	3	0.3	5.6
	06	3	0.3	5.5
	12	3	0.3	6.0
	18	3	0.3	5.6
08	00	3	0.2	4.7
	06	3	0.2	4.6
	12	3	0.3	4.8
	18	3	0.2	4.9
09	00	3	0.3	4.9
	06	3	0.2	4.9
	12	3	0.2	4.8
	18	3	0.2	4.4
10	00	3	0.2	4.2
	06	3	0.2	3.8
	12	3	0.2	3.7
	18	3	0.2	3.9
11	00	3	0.2	4.1
	06	3	0.2	3.9
	12	3	0.2	3.7
	18	3	0.3	4.0
12	00	3	0.2	3.7
	06	3	0.2	3.5
	12	3	0.2	3.7
	18	3	0.2	3.2
13	00	3	0.2	3.3
	06	3	0.2	3.6
	12	3	0.2	3.7
	18	3	0.2	3.7

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
STATION: BOKARO				
14	00	3	0.2	4.3
	06	...	-	-
	12	3	0.2	4.2
	18	3	0.3	5.2
15	00	3	0.3	5.0
	06	3	0.3	5.0
	12	3	0.2	4.3
	18	3	0.2	5.0
16	00	3	0.2	5.0
	06	3	0.3	4.7
	12	3	0.2	5.2
	18	3	0.2	4.6
17	00	3	0.2	4.4
	06	3	0.3	4.8
	12	3	0.2	5.0
	18	3	0.2	5.0
18	00	...	-	-
	06	3	0.3	5.3
	12	3	0.2	4.2
	18	3	0.2	5.0
19	00	3	0.3	4.9
	06	3	0.2	4.8
	12	3	0.2	4.6
	18	3	0.2	4.7
20	00	3	0.2	4.4
	06	...	-	-
	12	3	0.2	4.7
	18	3	0.2	4.6
21	00	3	0.2	4.7
	06	3	0.2	4.6
	12	3	0.2	5.0
	18	3	0.2	4.9
22	00	3	0.2	5.0
	06	3	0.2	4.8
	12	3	0.2	4.8
	18	3	0.2	4.8
23	00	3	0.2	4.9
	06	3	0.3	5.0
	12	3	0.2	5.4
	18	3	0.2	5.0
24	00	3	0.2	4.5
	06	3	0.2	5.0
	12	3	0.2	5.4
	18	3	0.2	5.0
25	00	3	0.2	5.0
	06	...	-	-
	12	3	0.3	6.0
	18	3	0.3	5.5
26	00	3	0.3	6.0
	06	3	0.3	6.0
	12	3	0.3	6.0
	18	3	0.3	5.9
27	00	3	0.3	5.8
	06	3	0.2	6.5
	12	3	0.3	5.8
	18	3	0.3	6.0
28	00	3	0.2	4.5
	06	3	0.2	4.6
	12	3	0.2	4.5
	18	3	0.3	5.1
29	00	3	0.2	5.2
	06	3	0.2	4.5
	12	3	0.2	4.2
	18	3	0.2	4.5
30	00	3	0.3	4.6
	06	3	0.3	5.0
	12	3	0.2	4.8
	18	3	0.3	4.8
31	00	3	0.3	4.9
	06	3	0.3	4.7
	12	3	0.3	4.7
	18	3	0.3	5.0
Station: CALCUTTA (ALIPORE)				
01	00	3	4.0	8.0
	06	...		
	12	...		
	18	3	4.0	3.8
02	00	3	4.0	3.2
	06	3	4.0	2.5
	12	3	4.0	1.5
	18	3	4.0	1.2
03	00	3	3.0	1.0
	06	3	3.0	1.5
	12	3	3.0	1.2
	18	3	2.4	1.8
04	00	3	2.6	0.8
	06	3	3.0	1.2
	12	3	3.2	1.2
	18	3	2.2	0.4
05	00	3	3.0	0.4
	06	3	4.0	0.5
	12	3	4.0	0.3
	18	3	4.0	0.3
06	00	3	4.2	0.4
	06	3	4.0	0.3
	12	3	4.0	0.3
	18	3	4.2	0.3
07	00	3	4.2	0.2
	06	3	4.4	0.2
	12	3	4.2	0.3
	18	3	4.0	0.3
08	00	3	4.0	0.3
	06	3	4.0	0.4
	12	3	4.2	0.3
	18	3	4.0	0.4

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station:		CALCUTTA (ALIPORE)		
09	00	3	4.2	0.2
	06	3	3.8	0.4
	12	3	3.2	0.5
	18	...		
10	00	...		
	06	3	3.8	0.2
	12	3	3.6	0.4
	18	3	3.8	0.4
11	00	3	3.6	0.4
	06	3	3.2	0.6
	12	3	3.0	0.4
	18	3	3.0	0.5
12	00	3	3.4	0.3
	06	3	3.4	0.5
	12	3	3.6	0.8
	18	3	4.0	1.2
13	00	3	3.2	1.2
	06	3	3.2	1.3
	12	3	3.0	1.0
	18	3	3.2	0.8
14	00	3	3.0	0.6
	06	3	4.0	0.6
	12	3	2.0	0.5
	18	3	2.0	0.5
15	00	3	2.2	0.4
	06	3	3.0	0.4
	12	3	3.2	0.3
	18	3	2.8	0.4
16	00	3	3.0	0.3
	06	3	3.8	0.2
	12	3	4.0	0.3
	18	3	4.2	0.2
17	00	3	3.2	0.3
	06	3	4.2	0.2
	12	3	4.4	0.3
	18	3	4.0	0.3
18	00	...		
	06	3	4.0	0.2
	12	3	4.2	0.3
	18	3	4.0	0.3
19	00	3	3.6	0.3
	06	3	4.0	0.3
	12	3	4.0	0.2
	18	3	4.4	0.3
20	00	3	4.0	0.4
	06	3	4.2	0.3
	12	3	4.2	0.2
	18	3	3.4	0.3
21	00	3	4.0	0.2
	06	3	4.2	0.3
	12	3	4.0	0.4
	18	3	4.2	0.3
22	00	3	4.4	0.3
	06	3	4.2	0.2
	12	3	4.0	0.3
	18	3	4.2	0.3
23	00	3	4.0	0.2
	06	3	5.2	0.4
	12	3	4.2	0.3
	18	3	4.0	0.2
24	00	3	4.2	0.4
	06	3	4.0	0.2
	12	3	4.2	0.3
	18	3	3.8	0.2
25	00	3	4.0	0.3
	06	3	4.0	0.2
	12	3	4.2	0.3
	18	3	5.4	0.2
26	00	3	4.0	0.2
	06	3	5.2	0.2
	12	3	4.2	0.5
	18	3	4.2	0.5
27	00	3	4.6	0.2
	06	3	4.8	0.3
	12	3	5.2	0.4
	18	...		
28	00	3	4.2	0.3
	06	3	5.0	0.2
	12	3	4.0	0.3
	18	3	4.2	0.2
29	00	3	4.0	0.2
	06	3	4.2	0.2
	12	3	4.2	0.3
	18	3	4.0	0.4
30	00	3	4.2	0.4
	06	3	4.2	0.4
	12	3	4.0	0.5
	18	3	4.2	0.3
31	00	3	4.0	0.4
	06	3	5.2	0.5
	12	3	4.4	0.3
	18	3	4.2	0.4
Station:		MADRAS		
01	00	1	2.4	4.6
	03	1	2.6	4.5
	06	1	2.2	4.7
	09	1	2.3	4.5
	12	1	2.1	4.6
	15	1	1.9	4.5
	18	1	1.8	4.2
	21	1	1.6	4.3
02	00	1	1.6	4.3
	03	1	1.5	4.3
	06	1	1.4	4.3

International Seismological Centre From the ISC collection scanned by SISMOS

Station: MADRAS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
02	09	1	1.2	4.3
	12	1	1.2	4.5
	15	1	1.0	4.1
	18	2	0.9	4.2
03	00	2	0.7	3.7
	03	2	0.7	3.8
	06	2	0.6	3.6
	12	2	0.7	3.7
	18	2	0.5	3.5
04	00	2	0.5	3.5
	03	2	0.5	3.6
	06	2	0.4	3.6
	12	2	0.4	3.5
	18	2	0.4	3.7
		3	0.1	1.8
05	00	2	0.4	4.4
	03	...	No record	
	06	2	0.3	4.3
	12	2	0.2	2.7
	18	2	0.2	2.6
06	00	2	0.2	2.7
	03	2	0.3	2.8
	06	2	0.3	2.8
	12	2	0.3	2.9
	18	2	0.2	2.6
07	00	2	0.2	2.7
	03	2	0.3	2.6
	06	2	0.3	2.6
	12	2	0.3	2.6
	18	2	0.3	2.7
08	00	2	0.3	2.7
	03	2	0.3	2.8
	06	2	0.3	2.8
	12	2	0.3	2.8
	18	2	0.3	2.9
09	00	2	0.3	2.9
	06	2	0.3	3.0
	06	2	0.3	3.0
	12	2	0.4	3.0
	18	2	0.4	3.0
10	00	2	0.5	3.0
	03	2	0.7	3.1
	06	2	0.7	3.1
	12	2	0.7	3.4
	18	2	0.9	3.9
11	00	1	0.9	4.0
	03	1	0.8	3.9
	06	1	0.9	4.0
	12	1	0.8	3.9
	18	1	0.8	3.4

Station: MADRAS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
12	00	1	0.9	4.0
	03	1	1.0	3.8
	06	1	1.1	3.9
	09	1	1.0	4.1
	12	1	0.9	3.9
	15	1	1.0	3.1
	18	1	1.0	3.1
	21	1	1.0	3.1
13	00	1	1.0	3.1
	03	2	0.8	3.4
	06	2	0.8	3.3
	12	2	0.8	3.2
	18	2	0.6	3.0
14	00	2	0.5	2.7
	03	2	0.5	2.5
	06	2	0.4	2.7
	12	2	0.4	3.0
	18	2	0.3	3.4
15	00	2	0.3	3.7
	03	2	0.3	3.6
	06	2	0.3	3.8
	12	2	0.3	3.8
	18	2	0.3	3.8
16	00	2	0.3	4.0
	03	2	0.3	4.0
	06	2	0.3	4.6
	12	2	0.3	4.5
	18	2	0.3	4.5
17	00	2	0.3	4.5
	03	2	0.3	4.9
	06	2	0.3	4.6
	12	2	0.3	4.7
		3	0.1	1.9
	18	3	0.1	2.0
18	00	...	Earthquake	
	03	2	0.3	2.5
	06	2	0.4	2.5
	12	2	0.4	2.5
	18	2	0.5	2.6
19	00	2	0.5	2.7
	03	2	0.5	2.8
	06	2	0.5	2.8
	12	2	0.5	2.7
	18	2	0.4	2.5
20	00	2	0.4	2.2
	03	2	0.4	2.1
	06	2	0.4	2.0
	12	2	0.4	2.0
	18	2	0.4	2.1

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
21	00	2	0.3	2.4
	03	2	0.3	2.5
	06	2	0.3	2.5
	12	2	0.2	2.2
	18	2	0.2	2.0
22	00	2	0.1	2.0
	03	2	0.1	2.0
	06	2	0.3	5.2
	12	2	0.3	5.4
	18	2	0.3	5.4
23	00	2	0.3	5.0
	03	2	0.3	5.1
	06	2	0.3	5.1
	12	2	0.3	5.2
	18	2	0.3	5.1
24	00	2	0.3	5.3
	03	2	0.3	5.7
	06	2	0.3	6.3
	12	2	0.3	6.5
	18	2	0.4	6.6
25	00	2	0.4	7.1
	03	2	0.4	7.3
	06	2	0.5	7.0
	12	2	0.4	7.0
	18	2	0.5	7.0
26	00	2	0.4	7.0
	03	2	0.4	7.0
	06	...	No record	
	12	2	0.4	6.7
	18	2	0.3	6.6
27	00	2	0.3	6.5
	03	2	0.1	2.1
	06	2	0.1	2.0
	12	2	0.1	2.2
	18	2	0.1	2.1
28	00	2	0.2	2.2
	03	2	0.2	2.5
	06	2	0.2	2.4
	12	2	0.2	2.3
	18	2	0.2	2.3
29	00	2	0.3	4.3
		2	0.1	2.5
	03	...	Earthquake	
	06	2	0.3	4.1
	12	2	0.2	4.2
	18	2	0.3	4.3
30	00	2	0.4	4.3
	03	2	0.4	4.2
	06	2	0.4	4.3
	12	2	0.4	4.2
	18	2	0.4	4.2
		3	0.1	1.8
31	00	2	0.3	4.0
		2	0.2	2.1
	03	2	0.2	2.3
	06	2	0.2	2.0
		2	0.3	4.2
	12	2	0.3	4.3
		2	0.2	2.5
	18	2	0.3	4.1
		2	0.2	2.5
Station: PORT BLAIR				
01	00	3	2.4	3
			4.8	6
	06	3	2.4	3
			5.6	5
	12	3	2.4	3
			4.8	5
	18	3	2.4	3
			4.8	5
02	00	3	2.4	3
			4.4	5
	06	3	2.0	3
			4.0	5
	12	3	2.8	3
			4.0	5
	18	...	-	-
03	00	...	-	-
	06	3	2.0	3
			1.2	7
	12	3	2.0	3
			1.2	7
	18	3	1.6	3
			1.2	7
04	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
			1.2	7
	18	3	0.8	3
			1.2	7
05	00	3	0.8	3
			1.2	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
			0.8	7
	18	3	0.8	3
			1.2	7
06	00	3	0.8	3
			1.2	7
	06	3	1.6	7
	12	3	2.0	7
	18	3	2.0	7

International Seismological Centre From the ISC collection scanned by SISMOS

Station: PORT BLAIR

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
07	00	3	2.0	7
	06	3	2.0	7
	12	3	2.0	7
	18	3	1.6	7
08	00	3	0.8	2
			1.2	7
	06	3	0.8	2
			1.2	7
	12	3	0.8	2
			1.6	7
	18	3	0.8	2
			1.6	7
09	00	3	0.8	2
			1.2	7
	06	3	0.8	2
			0.8	7
	12	3	0.8	3
			0.8	7
	18	3	0.8	3
			0.8	7
10	00	3	1.2	3
			0.8	6
	06	3	1.2	3
			0.8	6
	12	3	1.2	3
			0.8	6
	18	3	1.2	3
11	00	3	0.8	3
	06	3	1.2	3
			0.8	6
	12	3	1.2	3
			0.8	7
	18	3	1.2	3
			0.8	7
12	00	3	1.2	3
			1.2	7
	06	3	1.2	3
			2.0	7
	12	3	0.8	3
			2.0	7
	18	...	-	-
13	00	...	-	-
	06	3	0.8	3
			2.0	7
	12	3	0.8	3
			2.0	7
	18	3	0.8	3
			2.0	7
14	00	3	0.4	3
			1.6	7
	06	3	0.8	3
			1.6	7
	12	3	0.4	3
			1.2	7
	18	3	0.4	3
			1.2	7
15	00	3	0.4	3
			0.8	7
	06	3	0.4	3
			0.8	7
	12	3	0.8	7
	18	3	0.4	3
			0.8	7
16	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
17	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
18	00	...	-	-
	06	3	0.8	7
	12	3	0.8	7
	18	3	1.2	7
19	00	3	0.8	3
			1.2	7
	06	3	0.8	5
	12	3	0.4	5
	18	3	0.8	5
20	00	3	0.8	5
	06	3	0.8	7
	12	3	0.8	6
	18	3	0.4	6
21	00	3	0.4	7
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
22	00	3	0.4	6
	06	3	0.4	6
	12	3	0.4	6
	18	3	0.4	6
23	00	3	0.4	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	1.2	7
24	00	3	1.2	7
	06	3	1.2	7
	12	3	1.2	7
	18	3	1.2	6
25	00	3	1.2	7
	06	3	1.2	7
	12	3	1.2	7
	18	3	1.6	7
26	00	3	2.0	7
	06	3	2.0	7
	12	3	1.6	7
	18	3	1.6	7

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
STATION: PORT BLAIR				
27	00	3	1.6	7
	06	3	1.2	7
	12	3	1.2	6
	18	3	1.2	6
28	00	3	1.2	5
	06	3	0.8	5
	12	3	0.8	7
	18	3	0.8	7
29	00	3	0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	1.2	7
30	00	3	1.2	7
	06	3	1.2	6
	12	3	0.8	6
	18	3	0.8	6
31	00	3	1.2	6
	06	3	0.8	6
	12	3	0.8	6
	18	3	0.8	5
Station: SHILLONG				
01	00	2	4.2	5.0
	03	2	5.6	5.0
	06	2	4.2	5.0
	09	...	-	-
	12	2	2.0	4.4
	15	2	1.8	4.4
	18	2	1.5	4.6
	21	2	1.3	4.0
02	00	2	1.0	4.0
	06	3	1.0	4.0
	12	3	0.7	4.0
	18	3	0.5	4.2
03	00	3	0.4	4.0
	06	3	0.3	3.6
	12	3	0.3	3.6
	18	3	0.3	3.8
04	00	3	0.3	3.8
	06	3	0.4	4.8
	12	3	0.3	4.2
	18	3	0.3	4.0
05	00	3	0.3	4.2
	06	3	0.3	4.2
	12	3	0.4	4.4
	18	3	0.3	4.2
06	00	3	0.4	4.0
	06	3	0.4	4.0
	12	3	0.4	4.2
	18	3	0.3	4.0
07	00	3	0.3	4.4
	06	3	0.4	5.0
	12	3	0.3	4.0
	18	3	0.3	4.0
08	00	3	0.3	3.8
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.4	4.0
09	00	3	0.4	4.8
	06	3	0.3	4.4
	12	3	0.4	4.0
	18	3	0.3	3.8
10	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	...	-	-
11	00	...	-	-
	06	0,0	-	-
	12	0,0	-	-
	18	0,0	-	-
12	00	0,0	-	-
	06	0,0	-	-
	12	0,0	-	-
	18	...	-	-
13	00	...	-	-
	06	...	-	-
	12	3	0.2	3.0
	18	3	0.2	3.2
14	00	3	0.2	3.4
	06	3	0.2	3.2
	12	3	0.2	3.8
	18	3	0.2	3.8
15	00	3	0.2	3.2
	06	3	0.3	4.0
	12	3	0.2	3.8
	18	3	0.2	3.8
16	00	3	0.2	3.6
	06	3	0.2	3.4
	12	3	0.2	3.6
	18	3	0.2	3.4
17	00	3	0.3	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
18	00	...	-	-
	06	3	0.3	4.2
	12	3	0.2	4.0
	18	3	0.2	4.2
19	00	3	0.3	4.0
	06	3	0.3	4.2
	12	3	0.3	4.6
	18	3	0.2	4.4
20	00	3	0.3	4.2
	06	3	0.2	4.0
	12	3	0.2	4.2
	18	3	0.2	3.8
21	00	3	0.2	4.0
	06	3	0.2	4.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: SHILLONG				
21	12	3	0.3	4.2
	18	3	0.2	4.0
22	00	3	0.3	4.0
	06	3	0.2	4.4
	12	3	0.2	4.0
	18	3	0.2	4.0
23	00	3	0.2	4.2
	06	3	0.3	4.0
	12	3	0.3	4.2
	18	3	0.3	4.2
24	00	3	0.3	4.2
	06	3	0.3	4.0
	12	3	0.3	4.4
	18	3	0.2	4.0
25	00	3	0.3	4.2
	06	3	0.2	4.0
	12	3	0.2	3.8
	18	3	0.4	4.4
26	00	3	0.2	4.0
	06	3	0.2	3.8
	12	0,0	-	-
	18	3	0.2	4.0
27	00	3	0.1	3.6
	06	0,0	-	-
	12	3	0.2	3.8
	18	3	0.2	3.6
28	00	3	0.2	3.8
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.3	4.2
29	00	3	0.3	4.2
	06	3	0.2	4.0
	12	3	0.3	4.2
	18	3	0.2	4.4
30	00	3	0.2	4.2
	06	3	0.3	4.2
	12	3	0.3	4.4
	18	3	0.3	4.2
31	00	3	0.3	4.2
	06	3	0.3	4.4
	12	3	0.3	4.2
	18	3	0.3	4.2
Station: VISAKHAPATNAM				
01	00	1	3.4	4.2
	06	1	3.6	4.5
	12	1	3.2	4.5
	18	1	2.0	4.1
02	00	1	1.0	3.0
	06	1	1.0	3.9
	12	1	0.8	3.9
	18	1	0.6	3.7
03	00	1	0.4	3.0
	06	1	0.5	3.3
	12	1	0.7	3.4
	18	1	0.5	3.5
04	00	1	0.3	3.1
	06	2	0.3	3.0
	12	2	0.4	2.7
	18	2	0.4	2.9
05	00	2	0.3	2.7
	06	2	0.4	2.9
	12	2	0.3	3.0
	18	2	0.4	3.1
06	00	00	-	-
	06	2	0.6	3,4
	12	2	0.6	3.6
	18	2	0.5	3.7
07	00	2	0.4	2.9
	06	00	-	-
	12	00	-	-
	18	00	-	-
08	00	00	-	-
	06	2	0.5	3.2
	12	2	0.5	3.2
	18	2	0.3	2.9
09	00	2	0.3	2.2
	06	1	0.5	3.1
	12	1	0.6	3.2
	18	1	0.6	3.2
10	00	1	0.6	3.1
	06	1	0.6	3.0
	12	1	0.7	3.1
	18	1	0.7	3.0
11	00	1	0.7	2.9
	06	1	0.6	2.9
	12	1	0.5	2.9
	18	1	0.4	2.9
12	00	1	0.4	2.9
	06	1	0.5	2.9
	12	1	0.6	2.7
	18	1	0.5	3.0
13	00	1	0.6	3.0
	06	1	0.6	2.8
	12	1	0.6	2.6
	18	1	0.5	2.7
14	00	1	0.4	2.5
	06	1	0.5	2.7
	12	2	0.5	2.6
	18	2	0.4	2.7
15	00	2	0.4	2.8
	06	1	0.4	2.9
	12	2	0.5	2.8
	18	2	0.6	2.6

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station:- VISAKHAPATNAM				
16	00	00	-	-
	06	2	0.6	3.2
	12	2	0.6	3.7
	18	2	0.6	3.8
17	00	2	0.6	3.7
	06	2	0.6	3.7
	12	2	0.5	3.6
	18	2	0.5	3.4
18	00	00	-	-
	06	2	0.6	3.8
	12	2	0.4	3.7
	18	2	0.5	3.4
19	00	00	-	-
	06	2	0.5	3.9
	12	2	0.5	3.9
	18	2	0.5	3.8
20	00	00	-	-
	06	00	-	-
	12	00	-	-
	18	2	0.4	3.4
21	00	-	-	-
	06	2	0.6	3.9
	12	2	0.5	4.2
	18	2	0.5	4.1
22	00	00	-	-
	06	2	0.5	4.2
	12	2	0.5	4.5
	18	2	0.5	4.5
23	00	-	-	-
	06	2	0.5	4.1
	12	2	0.5	3.9
	18	2	0.5	4.0

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station:- VISAKHAPATNAM				
24	00	00	-	-
	06	2	0.5	4.2
	12	2	0.5	4.2
	18	2	0.6	4.2
25	00	2	0.5	4.2
	06	2	0.6	4.3
	12	2	0.5	4.1
	18	2	0.6	4.4
26	00	00	-	-
	06	2	0.7	4.3
	12	2	0.7	4.2
	18	2	0.5	4.2
27	00	00	-	-
	06	00	-	-
	12	2	0.7	4.2
	18	00	-	-
28	00	00	-	-
	06	2	0.5	3.5
	12	2	0.5	3.8
	18	2	0.6	3.6
29	00	00	-	-
	06	2	0.5	3.6
	12	2	0.5	3.7
	18	2	0.6	3.8
30	00	00	-	-
	06	2	0.6	3.5
	12	2	0.6	3.5
	18	2	0.5	3.4
31	00	2	0.6	4.0
	06	2	0.7	4.1
	12	2	0.7	4.2
	18	2	0.6	4.1

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SEISMOLOGICAL BULLETIN

NOV 1966

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 Constant

Station and abbreviation	Latitude °N	Longitude °E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Period in secs. Tg	V.max.	Damping Constant h_1	Damping Constant h_2	Paper speed mm/min.
Bhakra					Press-Ewing	Z	14.8	98	1500	1	1	30
BHK	31.25	76.25			Electromagnetic (H)	Z	1	1	5600	1	1	20
						N	1.01	1.17	5500	1	1	20
Bokaro						E	1.02	1.15	5600	1	1	20
BOK	23.47	85.53		Rock	Press-Ewing	Z	15	100	-	-	1	15
						N	15	100	-	-	1	15
						E	15	94	-	-	1	15
					Sprengnether	E	7.3	7.3	5000	-	1	30
Bombay					Wood-Anderson	N	0.8	0.8	940	1		30
BOM	18.54	72.49				E	0.8	0.8	950	1		30
				Deccan Trap	Milne Shaw	N	12		250	0.7		8
						E	12		250	0.7		8
					Sprengnether	E	7.3	7.3	5000		1	30
					Benioff	Z	1.0	0.2	-	-		30 for LP
Calcutta							1.0	87.0				Galvanometer
CAL	22.32	88.20	7 Milne Shaw	Alluvium	Milne-Shaw	E	12		250	0.7		60 for SP
			6 Omori-Ewing		Omori-Ewing	E	19		30	-		8
						N	15		32	-		25.4
Chatra					Sprengnether	N	7.0	7.0	1000		1	25.4
CHA	26.50	87.10	161	Sand stone	Benioff	Z	0.72	0.45	-	-	1	30
					Wood-Anderson	N	0.8		1000	1		60
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		30
						E	12		250	1		16
				Wenner Accelerograph		ZNE	0.1		50	0.6		16
Delhi	28.41	77.12	207	Massive	Sprengnether	E	7.6	7.6	5000		1	600
NDI				Quartzite	Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		30
					Benioff(SP)	Z	1.0	0.76	50K for TE=1 sec.		1	8
						N	1.0	0.76	50K for TE=1 sec.		1	60
						E	1.0	0.77	50K for TE=1 sec.		1	60
					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs.		1	60
						N	15	100	1500 for TE=15 secs.		1	30
						E	15	100	1500 for TE=15 secs.		1	30
												30
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3	-	1	1	60
DDI					Wood-Anderson	N	0.8		970	1		30
						Z	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Sprengnether	Z	15	100	1500	1	1	30
							for TE=15 secs.					
					Sprengnether	Z	1.5	1.5	-		1	30
						E	7.4	7.4	5000		1	30
Goa	15.29	73.49		Laterite		N	7.5	7.5	5000			8
GOA					Milne-Shaw	E	12		250	0.7		8
						N	12		250	0.7		60
Hyderabad	17.26	78.27	536	Granite	Benioff(SP)	Z	1.0	0.75	50K for TE=1 sec.		1	60
HYD						N	1.0	0.75	50K for TE=1 sec.		1	60
Kodaikanal	10.14	77.28	2345	Rock		E	1.0	0.75	50K for TE=1 sec.		1	30
KOD					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs.		1	30
						N	15	100	1500 for TE=15 secs.		1	30
						E	15	100	1500 for TE=15 secs.		1	8
					Milne-Shaw	E	12		250	0.7		30
					Sprengnether	E	7.4	7.4			1	60
						Z	1.5	1.5			1	60
Madras	13.00	80.11	15		Benioff (SP)	Z	1.0	0.75	50K for TE=1 sec.		1	60
MDR						N	1.0	0.75	50K for TE=1 sec.		1	30
Poona	18.32	73.51	560	Deccan Trap		E	1.0	0.75	50K for TE=1 sec.		1	30
POO					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs.		1	30
						N	15	100	1500 for TE=15 secs.		1	30
						E	15	100	1500 for TE=15 secs.		1	8
					Milne-Shaw	E	12		250	0.7		30
					Wood-Anderson	E	2.0		890	0.7		30
						N	0.8		840	0.8		30
Port Blair	11.40	92.43				E	1.2	1.5			1	30
PBA					Benioff	Z	0.8		860	1		30
					Wood-Anderson	N	0.8		950	1		60
						E	1	0.75	200K for TE=1 sec		1	60
Sehore	23.10	77.05			Benioff(SP)	Z	1	0.75	200K for TE=1 sec		1	60
SEH						N	1	0.75	200K for TE=1 sec		1	30
						E	1		3000 for TE=15 secs		1	30
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shilleng Quartzite)	Press-Ewing (LP)	Z	15	100	3000 for TE=15 secs		1	30
SHL						N	15	100	3000 for TE=15 secs		1	30
						E	15	100	3000 for TE=15 secs		1	8
					Sprengnether	E	6.7	6.7	2600			600
					Milne-Shaw	N	12		250	0.7		60
						Z,N,E	0.1		Nearly 50	0.6		
				Wenner Accelerograph		E	0.8		1000	1		
					Wood-Anderson						1	30
				Alluvium	Sprengnether	E	7.1	7.1	2500			30
Tocklai	26.45	94.46									1	30
TOC												30
Trivandrum	8.29	76.57		Decomposed Laterite	Sprengnether	E	7.0	7.0	5000	1		60
TRV					Wood-Anderson	E	0.8		1000	1	1	
Visakhapatnam	17.43	83.18				N	0.8		1000	1		
VIS					Electromagnetic (S.P.)	Z	1.65	1.65	6000	1		

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DATE	STN	PHASE	H	M	S	Δ Deg
01	BOK	e	01	03	49	
		i		07	13	
01	Epc: 40.4°N, 139.9°E, Near West Coast of Honshu, Japan. Depth = 170 kms. H= 02h 22m 45.9s Mag. 4.3 (CGS).					
	SHL	iP	02	30	25	CSW
	NDI	iP	02	31	39.4	C
01	Epc: 6.6°S, 128.9°E, Banda Sea, H = 03h 35m 17.2s. Depth= 202 kms. (USCGS). Mag. 4.7 (CGS).					
	SHL	iP	03	43	38	DSE
	NDI	iP	03	45	09	C
01	MDR	e	04	04	29	
		e		04	32	
01	NDI	i	04	11	55	
01	Epc: 10.8°N, 94.6°E. Andaman Islands Region. Depth =33 kms H=04h 52m 11.3s (USCGS). Mag. 4.6 (CGS).					
	PBA	iPg	04	52	43.7	C 0.7
		eSg		52	52.7	
	VIS	iP	04	55	09	C
	MDR	e	04	55	30	
		e		57	59	
	SHL	iP	04	55	38	DSW
	KOD	iP	04	56	10.4	DSE
		i		56	10.5	
		e		58	57	
	CHA	iP	04	56	15	C
	POO	iP	04	56	59.5	D
	BOM	eP	04	57	10	
		e		57	13	
		e	05	01	27	
	NDI	iP	04	57	26	SE
	DDI	iP	04	57	33	C
01	Epc: 43.7°N, 143.4°E, Hokkaido, Japan Region. Depth=127 km. H = 07h 01m 00.4s. Mag. 4.8(CGS)					
	SHL	iP	07	09	07	DNE
	CHA	eP	07	09	31	
	DDI	eP	07	10	04	
	NDI	iP	07	10	15	SC 52.3
		eS		17	40	
		e		17	52	
01	POO	eP	07	11	14	
	KOD	iP	07	12	04.5	DSW
01	BOK	e	08	29	44	
01	BOK	e	09	16	06	
01	NDI	iPg	10	18	17	C
		iSg		18	20	
01	DDI	eP	10	35	14	
	NDI	eP	10	35	45	
01	Epc: 31.4°N, 131.6°E, Kyusmu, Japan. H = 11h 32m 07s. Depth=5 kms. Mag.4.6 (CGS).					
	NDI	eP	11	40	40	D
01	SHL	iP	13	33	15	DSW
01	NDI	iP	13	35	02	DW
01	DDI	eP	21	01	39	
		eS		02	11	2.6
	NDI	ePn	21	01	43	
		e		01	53	3.1
		iPg		01	55	
		iSn		02	21	
		iSg		02	39	
	POO	eS	21	06	28	
	KCD	i	21	11	11	DSE
01	NDI	e	23	27	23	
02	SHL	iP	00	19	57	CSW
02	SHL	iP	00	28	54	CE
02	SHL	ePg	00	39	24	
02	Epc: 36.8°N, 69.3°E. H = 00h 59m 02s (New Delhi)					
	DDI	eP	01	01	28	
		PPP		01	43	
		P*		02	01	
		Pg		02	23	
		i		03	17	
		i		03	25	
		i		03	46	
	NDI	eP	01	01	36	ED 10.4
		eS		03	35	
		i		03	40	
	CHA	iP	01	03	20	C
	POO	eP	01	03	25	
		i		07	10	
		i		08	38	

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DATE	STN	PHASE	H	M	S		Δ Deg
02	SHL	iP	01	04	02	CNW	
	KCD	iP	01	04	54.2	DSE	
		i		04	54.5		
		i		04	55		
	BOM	e	01	06	55		
		e		08	18		
		e		08	58		
	CAL	i	01	11	00		
	MDR	e	01	12	27		
02	SHL	eP	02	09	32		
02	KOD	iP	05	07	48.5	DSE	
		i		07	48.9		
		i		07	49.5		
02	SHL	iPg	05	43	17	D	0.5
		iSg		43	24		
02	NDI	eP	05	51	06		
02	BCK	e	07	53	44		
02	BOK	e	08	14	38		
02	BCK	e	08	20	50		
02	NDI	eP	08	32	05		7.2
		eS		33	28		
02	SHL	iP	08	35	01	C	
02	NDI	iP	10	20	17	SEC	8.9
		iS		21	59		
02	POC	iP	10	22	14.5	D	

02 Epc: 28.8°N, 139.3°E. Bon in Islands Region. Depth=421 kms H=11h 50m 57s. Mag. 4.3 (CGS)

	SHL	iP	11	58	12	SE	
	NDI	iP	11	59	40	ED	
	POC	iP	12	00	25	C	
	KOD	iP	12	00	27.9	CW	
02	NDI	i	12	00	39		
02	KOD	iP	12	07	33	DSE	
	SHL	iP	12	07	54	C	
	NDI	iP	12	09	13	C	
02	NDI	eP	12	13	57	D	
	POC	iP	12	14	28	C	
02	NDI	iP	17	38	34	D	
	SHL	eP	17	40	47		
02	SHL	iP	20	11	08		
02	SHL	eP	21	07	48		
02	SHL	iPn	23	31	51	DSW	1.3
		iSg		32	09		

DATE	STN	PHASE	H	M	S		Δ Deg
03	NDI	eP	00	35	09		4.5
		iS		36	02		
03	POC	eP	00	41	26		
03	NDI	i	02	02	57		
03	NDI	eP	02	06	06		
03	SHL	iP	03	41	31	D	
03	POC	eP	03	57	09		
03	BCK	e	08	07	08		
03	NDI	i	08	30	30		
03	NDI	ePg	08	35	16		0.2
		iSg		35	19		
03	BCK	i	08	38	03		
03	NDI	iP	13	16	23	D	
03	SHL	iPg	14	28	27	D	0.6
		iSg		28	35		
03	SHL	eP	14	38	11		
	CHA	iP	14	38	18.3	C	2.6
		iS		38	51.1		

03 Epc: 19.2°N, 67.9°W, Mona Passage. H=16h 24m 31s. Depth=22 km. Mag. 5.6 (CGS)

DDI	ePKP	16	43	25			
NDI	ePKP	16	43	27			121.8
	ePP		45	04			
	eSKS		50	22			
	PS		54	46			
	SS	17	01	27			
POC	ePKP	16	43	37			
SHL	ePKP	16	43	40			
CHA	ePKP	16	43	48			
KOD	iPKP	16	43	54	CE		
BHK	e	16	44	19			
	i		54	11			
BCK	e	16	45	56			
KOD	e	16	47	21	DNW		
	e		47	21			
	i		47	22			
	i		58	46			
03	BCM	e	17	32	-		
03	CHA	eP	17	32	12		

03 Epc: 7.6°S, 107.9°E. Java H=21h 11m 14s (USCGS) Depth=15 km. Mag.5.1 (CGS).

	KOD	iP	21	18	13	RSW	

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DATE	STN	PHASE	H	M	S		Δ Deg
03	SHL	iP	21	18	21	C	
	CHA	iP	21	18	50	C	
		i		20	55		
	POO	eP	21	19	12		
	NDI	iP	21	19	44	DSE	
	DDI	eP	21	19	49		
03	Epc: 6.5°N, 60.5°E, Carls Berg Ridge. H = 21h 43m 10.7s; Depth = 33 kms. Mag. 4.8 (CGS)						
	BOM	eP	21	47	10		17.0
		i		47	15		
		eS		50	19		
		SS		50	44		
		SSS		50	52		
	KOD	iP	21	47	15	DE	
	POO	iP	21	47	17	D	
	NDI	eP	21	49	04		
	SHL	eP	21	50	08		
03	BHK	e	21	57	00		
03	SHL	iPn	21	59	52	D	1.4
		iSg	22	00	11		
03	CHA	iP	22	01	20	C	3.4
		P*		01	26		
		S		02	01		
03	SHL	eP	03	28	10		
03	SHL	iPg	23	41	10	C	1.0
		iSg		41	23		
04	NDI	i	01	26	20		
04	SHL	iP	02	09	47	C	
04	KOD	iP	02	22	57	DS	53.3
		iS		30	28		
04	SHL	iP	02	36	53	CNW	
04	SHL	iP	03	18	25	DSE	
04	NDI	i	04	46	51		
04	NDI	eP	06	02	11	D	
04	NDI	eP	06	03	46	D	
04	SHL	eP	06	36	33		
04	Epc: 28.4°N, 130.4°E. Ryukyu Islands. H= 07h 15m 19.8s (USCGS). Depth = 33 kms. Mag. 4.4 (CGS).						
	SHL	iP	07	22	04	DSW	
04	Epc: 28.4°N, 130.4°E, Ryukyu Islands. H = 07h 21m 30.8s (USCGS) Depth = 33 kms. Mag. 4.7 (CGS).						
	SHL	iP	07	28	14	DE	
04	BOK	e	08	08	17		
04	BOK	e	08	17	29		
04	Epc: 39.9°N, 78.0°E. Southern Siakiang Prov., China. H = 09h 00m 54.1s. Depth=33 kms Mag. 4.4 (CGS).						
	DDI	iP	09	03	12	C	9.8
		e		04	58		
		iS		05	04		
	NDI	eP	09	03	32		10.6
		eS		05	32		
	CHA	iP	09	04	36	D	
	SHL	iP	09	05	08	DS	
	POO	eP	09	05	44		
	BHK	e	09	06	07		
		i		06	27		
		i		06	41		
04	SHL	eP	10	10	29		
04	SHL	iP	14	37	03	D	
04	DDI	eP	16	37	30		
04	NDI	eP	16	37	47		
04	POO	eP	16	43	11		
04	PDA	iPg	18	21	05.7	C	0.5
		eSg		21	12.7		
04	SHL	eP	18	24	09		
04	POO	eP	18	29	20		
04	SHL	iP	19	33	25	C	

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DATE	STN	PHASE	H	M	S		Δ Deg
04	Epc: 34.0°N, 72.5°E. West Pakistan. H =22h 17m 32.1s (USCGS). Depth= 35 kms.						
	DDI	iP	22	19	00	C	
		i		20	41		
	NDI	iP	22	19	08	SEC	
	BHK	eP	22	20	46		
	SHL	eP	22	21	47		
	POO	eP	22	24	31		
05	Epc: 41.8°S, 80.1°E. Mid Indian Rise. H= 02h 13m 51.2s (USCGS) Depth= 33 kms. Mag. 5.5 (CGS).						
	SHL	iP	02	24	47	D	
	CHA	iP	02	24	51	C	
	DDI	iP	02	25	09	D	
	BOM	e	02	25	59		
		e		27	14		
		e		32	25		
05	Epc: 19.2°S, 169.2°E. New Hebrides Islands. Depth=29 kms H= 02h 30m 15s. Mag. 5.3 (CGS)						
	SHL	iP	02	43	02	D	
	BHK	e	02	48	24		
05	SHL	iP	07	09	21	D	
05	BOK	e	08	00	41		
05	BOK	e	08	07	23		
05	Epc: 6.0°S, 151.6°E. New Britain Region. Depth=64 kms H=10h 46m 06s. Mag.5.0(CGS)						
	SHL	iP	10	56	47	C	
05	Epc: 15.3°S, 175.2°W. Tonga Islands. H=12h 45m 13.9s Depth=38 km. Mag. 5.3 (CGS)						
	SHL	e	12	59	01		
	BOK	e	13	03	45		
	BHK	e	13	04	42		
		i		05	09		
		i		43	10		
	BOM	e	13	05	15		
		e		11	27		
		e		42	--		
05	Epc: 11.0°S, 166.9°E. Santa Cruz Islands. Depth=39 kms H = 16h 03m 48.9s. Mag. 4.6 (CGS).						
05	SHL	eP	16	15	12		
05	SHL	iP	18	36	30		
05	Epc: 28.3°N, 84.0°E. Nepal H =18h 53m 03.6s. Depth=33 kms Mag. 5.2 (CGS)						
	CHA	iPn	18	53	57		3.3
		Sg		54	45		
	BOK	e	18	54	12		
		i		55	26		
	DDI	iPn	18	54	15	C	4.5
		iSn		55	09		
	NDI	ePn	18	54	33		5.2
		iPg		54	54		
		iSn		55	34		
	SHL	iP	18	54	53		
	SEH	eP	18	55	07	E	8.5
		i		57	07		
	BOM	eP	18	56	03		
		PP		56	13		
		e		58	28		
	POO	iP	18	56	09	C	12.6
		eS		58	32		
	MDR	eP	18	56	40		15.0
		LQ		59	25		
		eS		59	28		
		SS		59	48		
	BHK	i	18	56	46		
	KOD	iP	18	57	22.9	CNE	
	HYD	e	19	00	31		
06	SHL	iP	00	08	33	D	
06	DDI	eP	01	31	09		
	SHL	iP	01	33	07	C	
	BHK	iP	01	34	29		
06	CHA	eP	02	19	36.3		3.0
		S		20	13.1		
		SS		20	23		
	NDI	iP	02	21	09		
06	SHL	iP	02	45	30	DN	
	BOK	eP	02	48	01		
	NDI	iP	02	48	19		13.1
		iS		50	47		
06	POO	eP	02	53	05		
06	Epc: 45.7°N, 151.0°E. Kurile Islands. H = 03h 50m 10.6s(USCGS) Depth=33 kms. Mag. 4.5 (CGS).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
06	SHL	iP	03	59	10	CSW	
	DDI	eP	03	59	59		
	NDI	iP	04	00	09	CS	
06	NDI	i	05	38	28		
06	NDI	i	05	58	52		
06	SHL	iP	07	54	15	CNE	1.8
		iS		54	40		
06	Epc: 59.8°N, 30.0°[illegible]. North Atlantic Ocean. Depth=33 kms H = 08h 29m 14.3s. Mag.4.8(CGS)						
	NDI	iP	08	40	47	DS	
	SHL	iP	08	41	35	DSW	
06	NDI	i	08	55	26		
06	SHL	iP	10	04	30	CNW	
06	SHL	iP	13	20	17	DS	
06	SHL	iP	13	42	36	DN	2.0
		iS		43	02		
06	SHL	iP	17	15	05	DSW	
06	NDI	i	17	51	36		
06	VIS	eP	18	55	31		
		e		57	24		
06	CHA	eP	19	01	27		
06	SHL	iP	20	21	36	DE	
06	BOM	e	21	54	16		
		e		59	--		
06	Epc: 1.6°N, 66.8°E. Carlsbege Ridge. H=21h 51m 42s. Depth=33 kms. Mag. 4.8 (CGS)						
	MDR	e	21	55	45		
		e		59	28		
	CHA	e	21	58	07		
	SHL	iP	21	58	24	DSE	
06	SHL	eP	22	43	18		
06	SHL	eP	00	06	12		
07	NDI	eP	00	09	34		
07	Epc: 32.9°N, 104.0°E. Szechman Province, China. Depth=33 kms, H = 00h 42m 59.8s. Mag.4.7(CGS)						
	SHL	iP	00	46	03	D	
	CHA	eP	00	46	43		
07	DDI	eP	00	47	56		
	NDI	eP	00	48	08		
07	BHK	e	00	57	12		
07	SHL	iP	03	47	20	D	
07	Epc: 33.8°N, 80.7°E. Tibet H= 04h 08m 12s. Depth=33 kms Mag. 5.1 (CGS)						
	DDI	iP	04	09	23	C	4.8
		eS		10	16		
		i		10	33		
	NDI	iP	04	09	45	SWC	6.2
		eS		10	57		
	SHL	iP	04	11	10	CSE	
	POO	eP	04	12	01		
	BCK	e	04	12	24		
	KOD	iP	04	13	26	DSW	
	BOM	e	04	15	12		
		e		16	05		
		e		17	17		
	MDR	e	04	15	16		
		e		18	41		
07	PBA	ePg	04	31	26.4		0.6
		iSg		31	34.9		
07	PBA	ePg	05	03	48.9		0.4
		iSg		03	54.4		
07	SHL	iP	06	43	12	DNW	2.0
		iS		43	38		
07	BCK	e	08	22	23		
07	Epc: 7.1°N, 125.4°E. Mindanao Philippine Islands. Depth=83 kms. Mag. 5.0 (CGS)						
	SHL	iP	09	02	54	CSW	
	CHA	iP	09	03	33	D	
	BCK	eP	09	03	59		
	KOD	iP	09	04	24	RNE	
	DDI	iP	09	04	39.4	R	
	NDI	iP	09	04	40	SEC	
	POO	iP	09	04	49	D	
07	NDI	iP	09	21	42		10.4
		eS		23	40		
07	NDI	i	13	09	32		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
07	Epc: 41.8°S, 88.3°E. South-East Indian Rise. Depth=33 kms H =13h 16m 46s. Mag. 5.1 (CGS)						
	KOD	iP	13	26	06.5	CE	
		e		26	07.0		
	POO	eP	13	27	06		
	SHL	iP	13	27	39	CNE	
	DDI	eP	13	28	10		
07	BOM	[illegible]		35	33		
		e	45	45	--		
07	KOD	eP	13	43	11	1 CE	
07	BHK	e	13	51	00		
07	NDI	i	16	21	15		
07	SHL	iP	18	50	01		
07	Epc:- 5.9S, 152.2°E. New Britain Region H = 20h 26m 15.7s Depth = 50 Kms. (CGS). Mag. 5.0 (CGS).						
	SHL	iP	20	37	02	CW	
	NDI	eP	20	38	20		
07	NDI	iP	20	51	00	C	
	POO	iP	20	51	06	C	
	SHL	iP	20	51	16	C	
07	SHL	iP	21	11	15	CNW	3.1
		iS		11	53		
07	SHL	iP	22	36	02	CNW	
07	NDI	i	22	37	30		
08	SHL	iP	01	18	25	DSE	
08	Epc: 36.1°N, 50.9°E. Iran. H = 03h 14m 10.1s. Depth = 23 kms. Mag. 5.0 (CGS).						
	NDI	eP	03	19	21		
08	BHK	e	03	27	47		
08	SHL	iP	05	17	10	C	
08	SHL	iP	06	11	32	DNW	
		iS		11	58		
08	SHL	iP	09	01	19	C	
08	BOK	i	09	31	10		
08	BOK	e	10	19	59		
08	SHL	iP	11	11	10	DSE	2.0
		iS		11	36		
08	Epc: 52.4°N, 178.0°E. Near Islands, Aleutian Islands. H = 11h 35m 57s. Depth=41 kms Mag. 4.9 (CGS).						
	SHL	iP	11	46	34	D	
08	Epc: 25.9°N, 96.6°E. Burma H =14h 30m 03s. Depth=51 kms Mag. 4.2 (CGS)						
	SHL	iP	14	31	10	D	
	CHA	iP	14	32	08	C	
		i		33	58		
	BCK	eP	14	32	27		
	DDI	eP	14	33	57		
	NDI	eP	14	34	02		
	POO	eP	14	34	56		
	KOD	iP	14	35	18.8	CW	
08	BHK	e	14	41	13		
08	Epc: 4.8°S, 101.9°E. Southern Sumatra. H =15h 36m 30.4s Depth= 33 kms. Mag. 5.1 (CGS)						
	SHL	iP	15	42	53	C	
	NDI	iP	15	44	11	CNE	
	DDI	iP	15	44	19.5	D	
08	BHK	e	16	01	46		
08	DDI	iPg	16	15	08.6	D	0.4
		iSg		15	13.8		
	NDI	iPn	16	15	32	CS	
		iSn		15	55		
08	SHL	iP	16	52	25	C	
08	SHL	iP	18	13	39	DSE	1.9
		iS		14	03		
08	SHL	iPg	19	25	53	DNE	0.9
		iSg		26	06		
08	SHL	iP	20	57	49	CNW	2.0
		iS		58	15		
09	KOD	iP	06	51	11	W	
09	SHL	iP	08	14	14	D	
09	BOK	e	08	30	24		
09	Epc: 38.9°N, 71.5°E. Afghanistan-USSR Border Region. Depth=85 kms H = 10h 11m 57s. Mag. 4.5 (CGS).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
09	NDI	eP	10	14	17		
	DDI	eP	10	14	19		
		i		16	14		
	POO	eP	10	16	29		
	BHK	e	10	17	04		
09	DDI	iP	10	50	48	D	7.8
		e		52	18		
	NDI	iP	10	51	02	CS	8.6
		iS		52	41		
	POO	eP	10	52	58		
	SHL	iP	10	53	12	C	
09	SHL	iP	11	21	19	D	
		iS		22	07		
09	Epc: 26.9°N, 125.5°E. North East of Taiwan. Depth=39 kms H=11h 26m 24.7s. Mag. 5.4(CGS)						
	SHL	iP	11	32	33	D	
	BOK	eP	11	33	19		
	NDI	eP	11	34	17	DSW	
	POO	iP	11	35	02.7	D	
	KOD	iP	11	35	04	DW	
09	BHK	e	11	51	03		
09	BOM	e	11	55	--		
09	SHL	iP	14	17	39	D	
09	SHL	iP	14	21	10		
	POO	iP	14	22	34	C	
09	BHK	e	15	01	00		
09	BOM	e	20	06	17		
		e		07	57		
09	SHL	iP	20	25	09	DNE	2.9
		iS		25	45		
09	SHL	iP	22	36	51	NE	3.4
		iS		37	32		
09	BHK	e	23	01	03		
09	SHL	iP	23	17	23	C	
10	POO	iPg	01	37	35.3	D	
		eSg		37	56		
10	CHA	iPg	02	22	57.1		
		Sg		23	03.6		
10	POO	eP	03	21	54		
10	Epc: 31.9°S, 68.4°W. Depth= 113kms(USCGS). Mag.6.0 (CGS) H=03h 02m 32.5s.						
	NDI	ePKP	03	22	07		
		PP		22	12		
		i		22	41		
	DDI	iPKP	03	22	10	C	
		i		22	41.5		
	VIS	iPKP	03	22	15		
		i		22	46		
	CHA	ePKP	03	22	20		
	SHL	iPKP	03	22	22	D	
		i		22	55		
	PBA	i	03	22	43		
		i		22	49		
	BHK	e	03	23	07		
10	Epc: 27.6°N, 142.1°E. Bonn Islands Region. Depth=33 kms H= 05h 06m 11.2s. Mag.4.6(CGS)						
	SHL	eP	05	14	26		
	NDI	iP	05	15	45	D	
10	CHA	iPg	08	05	29.5	D	
		ePg		05	29.5		
		Sg		05	46.3		
	SHL	iP	08	06	10	C	
10	BOK	e	08	25	59		
10	KOD	iP	10	24	16.5	C NW	
	POO	eP	10	25	46		
10	SHL	iP	13	48	07	DNE	2.1
		iS		48	34		
	CHA	eP	13	48	50		
		i		49	06		
	BOK	e	13	49	27		
		i		51	15		
	DDI	eP	13	50	16		
	NDI	eP	13	50	45		
	POO	e	13	55	46		
10	SHL	iP	14	13	43	DN	2.1
		iS		14	10		
10	SHL	iP	14	32	44	D	2.1
		iS		32	52		
	CHA	iP	14	33	34	C	5.4
		i		33	51		
		S		34	37		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
10	SHL	iP	15	37	51	D	
10	SHL	iP	15	41	49	D	
10	SHL	iP	16	14	17	D	
		i		14	31		
	CHA	eP	16	15	29		5.3
		S		16	31		
10	SHL	iP	17	13	21	DNW	2.1
		eS		13	49		
10	SHL	iPg	20	31	53	DS	1.0
		i		32	03		
		iSg		32	07		
11	SHL	iP	00	03	41	CNE	1.9
		i		03	48		
		iS		04	06		
11	CHA	iPn	04	32	18.5	C	1.5
		eSn		32	39		
	SHL	eP	04	32	48		
11	BOK	e	07	12	04		
11	SHL	iP	07	21	32	D	
11	BOK	e	07	40	18		
11	BOK	e	08	22	05		
11	SHL	iP	09	07	12	D	
11	PBA	i	09	35	30		
11	Epc: 18.8°S, 168.9°E. New Hebrides Islands. Depth=81 kms H=09h 47m 36.7s. Mag.4.9(CGS)						
	SHL	eP	10	00	13		
11	PBA	i	11	17	17		
11	SHL	iP	14	59	09	C	1.4
	CHA	eP	14	59	41.4		3.3
		S	15	00	21.5		
11	Epc: 52.3°N, 169.1°W. Depth=36 kms (CGS). H=15h 31m 04.2s (USCGS). Mag. 5.4 (CGS).						
	SHL	iP	15	42	46	C	
	CHA	eP	15	42	56		
	BHK	iP	15	43	05		
	DDI	iP	15	43	07	D	
	BOK	e	15	43	12		
	NDI	iP	15	43	15	CSE	
	POO	eP	15	44	05		
11	Epc: 50.3°N, 155.5°E. Kurile Islands. H=16h 03m 38s. Depth=145 kms. Mag. 4.9 (CGS)						
	SHL	iP	16	12	50	C	
	CHA	iP	16	13	06	D	
	DDI	iP	16	13	29.1	D	
	NDI	eP	16	13	39	CNE	
	POO	iP	16	14	40.5	C	
11	NDI	iPg	16	15	33	DNW	0.1
		iSg		15	34		
	BHK	e	16	17	08		
11	Epc: 52.7°N, 169.4°W. Fox Islands, Aleutian Islands. H =18h 35m 12.8s. Depth=41 kms Mag. 4.6 (CGS)						
	SHL	iP	18	46	52	D	
	NDI	eP	18	47	22		
11	POO	iP	22	36	10.3	D	
11	Epc: 31.6°S, 71.5°W. Depth= 33 kms (CGS). H=22h 33m 33.7s(USCGS) Mag. 4.6 (CGS).						
	POO	eP	22	53	13		
	NDI	eP	22	53	29		
12	CHA	iPg	00	42	38.1	C	0.9
		Sg		42	50.3		
12	SHL	eP	00	43	37		
12	NDI	i	03	46	43		
12	SHL	iP	04	27	03	CNW	
12	CHA	iPg	05	44	26.2	C	1.7
		Sg		44	48.5		
12	SHL	iP	05	46	45	C	
12	SHL	iP	07	46	29	C	
12	Epc: 23.4°N, 61.6°E. Near Coast of West Pakistan. Depth=33 kms H= 08h 28m 23s. Mag. 4.7 (CGS).						
	BCM	e	08	30	58		
		e		33	03		
	POO	e	08	31	52	C	
	NDI	eP	08	31	52		
	CHA	iP	08	33	33	C	
	SHL	iP	08	34	10	DN	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
12	BHK	e	08	39	50		
I2	Epc: 2.6°S, 138.9°E. West New Guinea. H= 09h 00m 01.4s Depth=28 kms. Mag. 5.4.						
	SHL	eP	09	09	21		
12	Epc: 23.8°S, 67.6°W. Chile-Argentina Border Region. H= 11h 50m 31.6s. Depth=126 kms. Mag. 5.6 (CGS).						
	SHL	i	12	08	27	D	
	CHA	e	12	09	00		
	DDI	iPKP	12	09	52	D	
	NDI	iPKP	12	10	01	WC	
		i		10	05		
	MDR	i	12	10	06	C	
12	SHL	eP	12	15	48		
	CHA	iP	12	15	54	C	2.6
		iS		16	27		
12	Epc: 25.0°N, 68.0°E. West Pakistan. H=12h 16m 43.5s Depth=5 kms (CGS). Mag. 5.1 (CGS).						
	BOM	eP	12	18	42		
		PP		18	50		
		e		20	20		
		i		20	46		
	POO	eP	12	18	50		9.8
		eS		20	42		
	NDI	eP	12	18	54		
		e		21	24		
	DDI	eP	12	19	13		11.5
		eS		21	24		
		i		22	14		
	BHK	eP	12	20	--		
	CHA	eP	12	20	47		
	SHL	iP	12	21	37	C	
	HYD	iP	12	23	00		
	BOK	eP	12	23	39		
	MDR	eS	12	24	09		
		e		25	07		
	CAL	i	12	26	45		
12	Epc: 41.8°N, 144.1°E. Hokkaido Japan Region. Depth =33 kms H = 12h 49m 43.6s. Mag.5.8 (CGS)						
12	SHL	iP	12	58	04	CSW	46.0
		iS	13	04	49		
	CHA	iP	12	58	27	CSW	48.1
		iS	13	05	26		
	CAL	iP	12	58	41		
	BOK	iP	12	58	49		
	DDI	iP	12	59	03	D	52.9
		i	13	06	31		
	NDI	iP	12	59	13	CSW	54.8
		eS	13	06	53		
	VIS	iP	12	59	26	D	
	MDR	eP	13	00	04		
		e		08	53		
	POO	iP	13	00	11	C	63.2
		eS		08	42		
	BCM	iP	13	00	15	CSW	
		e		08	49		
	HYD	i	13	08	18		
12	Epc: 4.8°S, 134.2°E. West New Guinea Region. H=15h 56m 04.7s Depth= 33 kms. Mag. 5.4 (CGS)						
	SHL	iP	16	05	05	DNE	
	CHA	eP	16	05	38		
	POO	eP	16	06	34		
	NDI	eP	16	06	36	R	
12	Epc: 41.7°N, 144.2°E.. Hokkaido, Japan Region. H=17h 33m 52s Depth =33 kms. Mag. 4.8 (CGS).						
	SHL	iP	17	42	58	CSW	
	CHA	eP	17	43	18		
	NDI	iP	17	43	57	WC	
12	Epc: 15.6°S, 167.3°E. New Hebrides Islands. Depth=40 (kms) Mag. 5.2 (CGS), H = 18h 45m 01.0s.						
	PBA	iP	18	57	02	D	79.0
		iS	19	07	01		
	SHL	iP	18	57	30	CNW	83.0
		PP	19	00	44		
		iS		07	49		
		ScS		07	59		
		PS		08	45		
		PPS		09	07		
	CAL	iP	18	57	43		84.4
		iS	19	08	09		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
12	CHA	iP	18	57	52	D	87.7
		SKS	19	08	19		
	BOK	iP	18	57	53	C	88.5
		PP	19	01	15		
		PPP		02	53		
		SKS		08	21		
	VIS	eP	18	57	54		
	MDR	iP	18	58	05	CW	91.0
		i	19	03	26		
		SKS		08	36		
		i		08	39		
	NDI	eP	18	58	30		96.0
		PP	19	02	31		
		iSKS		09	06		
	DDI	eP	18	58	32		97.4
		iSKS	19	09	10		
	POO	iP	18	58	36	C	
		e	19	09	10		
	BHK	iP	18	58	36	C	100.0
		SKS	19	09	12		
	BOM	eP	18	58	37		
		e	19	09	20		
	HYD	e	19	08	47		
12	SHL	iPg	19	45	49	DSW	1.0
		iSg		46	02		
12	SHL	iP	20	41	22	C	
12	Epc: 41.7°N, 144.2°E. Hokkaido, Japan Region. Depth= 33 kms H= 23h 04m 58.8s. Mag.4.7(CGS)						
	SHL	iP	23	13	21	C	
13	SHL	iP	00	39	07	C	
13	Epc: 41.4°N, 144.3°E. Hokkaido, Japan Region. Depth =63 kms H= 02h 56m 30.2s. Mag.4.3(CGS).						
	SHL	iP	03	04	49	DSE	
	NDI	eP	03	05	57		
13	NDI	eP	03	10	34		
	CHA	iP	03	10	50	D	
	SHL	iP	03	10	55	CSW	
13	Epc: 24.1°S, 111.9°E. West of Australia. H=03h 41m 48s Depth=33 kms. Mag.4.9 (CGS).						
	SHL	iP	03	51	05	CNW	
	NDI	eP	03	52	06		
13	SHL	eP	03	59	03		2.5
		eS		59	35		
13	NDI	iP	05	03	34	C	
13	NDI	iPg	05	07	10	SC	0.4
		iSg		07	15		
13	Epc: 15.8°S, 167.3°E. New Hebrides Islands. H=05h 37m 22s Depth=18 kms. Mag. 4.9 (CGS)						
	SHL	iP	05	49	53	CSE	
13	Epc: 13.6°N, 89.5°W. EL Salvador H=06h 04m 10.4s. Depth=83 kms. Mag. 4.5 (CGS)						
	SHL	iPKP	06	23	34	C	
13	BOK	e	06	34	20		
13	CHA	iPg	09	59	09.7	C	0.9
		Sg		59	21.2		
13	SHL	iPg	10	32	32	DSE	0.8
		iSg		32	42		
13	CHA	iPg	12	45	52.3	D	1.6
		Sg		46	13.8	M=3¾	
	SHL	iP	12	46	38	SE	
13	DDI	iP	14	44	03	D	
	SHL	iP	14	44	54	DNW	
13	BHK	e	15	12	55		
		i		12	56.2		
13	SHL	iPg	19	04	05	CNE	1.1
		iSg		04	19		
13	CHA	iPg	19	26	11.3	C	
		Sg		26	32.1		
	SHL	iP	19	26	32	CSE	3.6
		iS		27	16		
13	SHL	iP	20	28	07	DNE	
13	CHA	e	21	03	26		
	POO	eP	21	06	09		
13	CHA	e	21	20	40		
13	CHA	eP	21	50	07.9		4.0
		S		50	55.9		
13	CHA	eP	22	35	25		6.4
		S		36	39		
13	SHL	iP	23	34	44	D	
13	SHL	iP	23	58	03	DE	

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DATE	STN	PHASE	H	M	S		Δ Deg
14	Epc: 2.0°N, 99.1°E. Northern Sumatra. H=03h 08m 31.3s Depth= 181 kms. Mag.5.3(CGS).						
	MDR	eP	03	13	11		
	SHL	iP	03	13	34	DSE	
	CHA	iP	03	14	01	C	
	NDI	iP	03	14	56	C	
14	NDI	iP	03	20	10		
14	BOK	e	08	18	05		
14	BHK	e	09	41	05		
14	SHL	iPg	10	03	21	DNW	0.8
		eSg		03	31		
14	CHA	iPg	10	14	38	C	1.5
		Sg		14	57		
	SHL	iP	10	15	21	DSW	4.5
		eS		16	14		
14	NDI	eP	10	17	40		
14	Epc: 18.3°S, 69.2°W. Northern Chile. H=12h 58m 36.2s Depth=123 kms. Mag. 5.4(CGS).						
	POO	eP	13	18	03		
	NDI	eP	13	18	07		
		i		18	44		
	DDI	eP	13	18	09		
		i		18	47		
	SHL	iP	13	18	25	DSW	
14	SHL	eP	16	34	08		3.9
		eS		34	55		
	PBA	eP	16	34	39.3		
14	SHL	eP	16	37	21		
14	Epc: 8.3°S, 120.4°E. Flores Island Zone. H=17h 58m 55s. Depth=33 kms. Mag. 4.9(CGS)						
	SHL	iP	18	06	59	DSE	
	NDI	eP	18	08	26	D	
14	NDI	iP	21	23	41	SWR	
14	PBA	i	21	43	02.5		
14	NDI	iPg	21	54	21	S	0.35
		iSg		54	25		
14	NDI	eP	22	04	04		
		i		04	16		

DATE	STN	PHASE	H	M	S		Δ Deg
15	Epc: 51.4°N, 179.9°W. Andreanof Islands, Aleutian. H=00h 08m 07s. Depth =43 kms Mag. 5.0 (CGS).						
	SHL	iP	00	19	12	CSW	
	CHA	iP	00	19	25	C	
	POO	eP	00	20	41		
15	SHL	iP	04	43	33	CSW	
15	NDI	eP	06	49	59		
15	NDI	iP	07	09	33	C	
15	BOK	e	07	39	50		
15	NDI	i	08	00	09		
15	BOK	e	08	00	39		
15	NDI	i	09	20	57		
15	NDI	i	09	49	38		
15	SHL	iP	13	01	43	DNE	
15	NDI	eP	13	03	01		
15	NDI	eP	14	14	05		
15	NDI	i	14	43	39		
15	Epc:51.2°N, 176.6°W. Andreanof Islands, Aleutian Islands. H =16h 19m 07.4s. Depth = 48 kms. Mag. 5.0 (CGS).						
	SHL	iP	16	30	24	CSE	
	CHA	iP	16	30	37	D	
	DDI	iP	16	30	49.8	C	
	NDI	iP	16	30	59	C	
	POO	iP	16	31	50.6	D	
15	Epc: 51.5°N, 176.5°W. Andreanof Islands, Aleutian Islands. H=16h 26m 04.5s. Depth= 61 kms Mag. 4.5 (CGS).						
	SHL	iP	16	37	19	CNE	
	NDI	eP	16	37	53	D	
15	BHK	e	17	03	29		
15	Epc: 51.2°N, 176.6°W. Andreanof Islands, Aleutian Islands. H=17h 08m 24s. Depth=46 kms Mag. 4.3 (CGS).						
	SHL	iP	17	19	42	DNE	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S	Δ Deg	
15	Epc: 52.1°N, 176.5°W. Andreanof Islands, Aleutian Islands H =20h 25m 47s. Depth=58 kms Mag. 3.9 (CGS)						
	SHL	eP	20	37	00		
15	SHL	eP	22	20	31		
15	SHL	iP	22	27	19		DWS
	CHA	e	22	27	30		
15	POO	eP	22	29	46		
15	SHL	iS	23	22	30		DSE
	NDI	eP	23	23	47		
15	CHA	iP	23	59	39		
16	Epc:- 51.5°N, 176.6°W. Andreanof Islands, Aleutian Islands H= 00h 33m 21s. Depth = 65 Kms Mag. 4.3 (CGS)						
	SHL	iP	00	44	35		DNW
	POO	eP	00	46	03		
	Epc;- 18.3°S, 168.1°E. New Hebrades Islands. H = 00h 54m 32.1s Depth = 18 Kms. Mag. 5.0 (CGS)						
	SHL	iP	01	07	14		CSE
16	NDI	iPn	03	03	33	2.0	
16	BHK	e	07	10	52		
16	BOK	e	08	08	00		
	Epc;- 13.1°S, 166.5°E. New Hebrides Islands. H = 08h 08m 14s. Depth = 50 Kms. Mag.5.1 (CGS)						
	SHL	iP	08	20	33		CNW
	CHA	iP	08	20	55		C
	POO	eP	08	21	40		
16	SHL	iP	12	49	01		DNE 1.8
		iS		49	25		
16	SHL	iP	15	41	00		CNW 3.9
		eS		41	39		
16	SHL	iP	17	27	58		CNW 3.0
		eS		28	35		
16	Epc: 17.6°S, 73.2°W. Off Coast of Peru. H= 17h 22m 20s Depth= 38 kms. Mag. 4.5 (CGS)						
	POO	ePKP	17	42	09		
	KOD	ePKP	17	42	14		D
16	Epc: 30.8°N, 142.0°E. South of Honshu, Japan. H=18h 15m 46.1s Depth=33 kms. Mag. 4.3 (CGS).						
	NDI	eP	18	25	19		DE
	POO	eP	18	26	05		
16	NDI	eP	20	47	45		
16	Epc: 46.6°N, 153.7°E. Kurile Islands. H=20h 44m 01.3s Depth=33 kms. Mag. 4.8 (CGS)						
	SHL	iP	20	53	15		C
	CHA	eP	20	53	34		
	DDI	iP	20	54	01.7		D
	NDI	iP	20	54	12		CNE
	POO	iP	20	55	10.8		C
	KOD	iP	20	55	31		DW
16	BHK	e	21	22	54		
16	Epc: 52.6°N, 169.5°W. Fox Islands, Aleutian Islands. H=23h 16m 09.1s. Depth=33 kms Mag. 4.9 (CGS).						
	SHL	iP	23	27	48		CSE
	CHA	iP	23	27	59		C
	DDI	iP	23	28	09.1		D
	NDI	iP	23	28	18		NEC
	POO	iP	23	29	08.7		C
	KOD	iP	23	29	32		D
16	DDI	i	23	51	13.7		
17	SHL	iPg	01	19	01		D 0.9
		iSg		19	13		
17	NDI	eP	04	32	49		
17	SHL	iP	07	25	18		CNE
	NDI	iP	07	26	38		DS
17	BOK	e	08	19	18		
17	DDI	iP	08	21	02.8		C
	NDI	eP	08	21	30		
17	BOK	e	11	01	23		
17	SHL	iP	13	42	32		DNW 1.7
		iS		42	53		
17	Epc: 51.3°N, 176.5°W. Andreanof Islands, Aleutian Islands. H=13h 54m 00.3s. Depth=56 kms Mag. 4.5 (CGS)						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg.
17	SHL	iP	14	05	16	CNE	
	CHA	iP	14	05	31	D	
	DDI	iP	14	05	41.7	C	
	NDI	iP	14	05	51		
	POO	eP	14	06	43		
17	BHK	e	14	38	18		
17	SHL	eP	14	53	05		
	CHA	iP	14	53	18	D	7.3
		iS(?)		54	42		
17	SHL	iP	14	54	28	C	
17	NDI	iP	14	55	03	D	
	POO	eP	14	55	54		
17	Epc: 51.3°N, 176.5°W. Andreanof Islands, Aleutian Islands. H = 15h 54m 54s. Depth=36 kms Mag. 4.1 (CGS)						
	SHL	iP	16	06	12	NE	
17	DDI	eP	17	23	46		
		i		25	24		
	NDI	iP	17	24	00		
		iS		25	40		
	CHA	e	17	25	31		
17	POO	eP	17	29	30		
17	SHL	iP	18	02	22	DNE	2.1
		iS		02	49		
17	POO	eP	19	06	54		
17	Epc: 46.2°N, 153.6°E. Kurile Islands. H=19h 27m 05s. Depth=33 kms. Mag. 4.4 (CGS)						
	SHL	iP	19	36	20	CS	
	CHA	eP	19	36	40		
	DDI	iP	19	37	07	C	
	NDI	iP	19	37	17	DNE	
	POO	eP	19	38	16		
17	NDI	i	19	40	39		
17	NDI	eP	21	27	24		6.6
		iS		28	40		
	CHA	e	21	29	29		
	BHK	e	21	30	16		
	DDI	i	21	30	18		

DATE	STN	PHASE	H	M	S		Δ Deg.
17	Epc: 51.3°N, 176.4°W. Andreanof Islands, Aleutian Islands. H=21h 27m 05s. Depth=54 kms Mag. 4.0 (CGS).						
	SHL	eP	21	38	22		
17	SHL	ePg	23	48	20	E	0.9
		iSg		48	31		
18	POO	eP	00	38	34		
18	SHL	iP	01	30	25	CN	4.1
		iS		31	15		
18	NDI	i	03	04	31		
18	NDI	iP	06	10	38		
18	SHL	eP	06	43	52	S	2.2
		eS		44	19		
18	SHL	eP	08	54	38	N	3.2
		eS		55	17		
18	KOD	iP	09	32	10.8	D	
	NDI	eP	09	32	20		
	SHL	iP	09	33	09		
18	BHK	e	09	37	38		
		e	10	00	16		
18	KOD	iP	10	18	10.8	DSW	
		e		18	11		
18	KOD	iP	10	19	22	DSW	
		i		19	23		
18	KOD	iP	10	19	48	DSW	
		e		19	49		
18	BOM	e	10	31	00		
18	SHL	iPn	13	01	37	CNW	2.1
		iPg		01	44		
		iSn		02	04		
18	CHA	iP	18	59	07	C	
	SHL	iP	18	59	22	DNW	
	NDI	eP	18	59	30		
18	BHK	e	19	19	10		
18	SHL	iP	20	24	35	DNW	2.9
		iS		25	11		
19	PBA	ePg	03	23	26.5		0.2
		iSg		23	28.5		
19	KOD	iP	03	58	29.5		
19	SHL	iPn	04	14	09		
		iSg		14	25		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S	Δ Deg	
19	Epc: 37.6°N, 141.3°E. Near East Coast of Honshu, Japan. H= 05h 19m 56.1s (USCGS) Depth=67 kms, Mag. 5.1 (CGS).						
	SHL	iP	05	27	53		CNW
	CHA	iP	05	28	20		
	DDI	iP	05	29	02		C
	NDI	iP	05	29	12		SWC
	POO	iP	05	30	06.3		C
	BOM	e	05	30	11		
	KOD	iP	05	30	19.5		ENE
19	Epc: 35.0°N, 23.5°E. Crete. H=07h 12m 39.7s (USCGS) Depth= 33 kms (CGS). Mag. 5.3 (CGS)						
	NDI	iP	07	20	19		SEC
	DDI	iP	07	21	00.2		D
	BOM	iP	07	21	05		C
	POO	eP	07	21	13		
	CHA	iP	07	22	06		C
	KOD	iP	07	22	08.8		
	SHL	iP	07	22	35		SEC
19	NDI	eP	07	40	36		
	BHK	e	07	41	23		
	POO	iP	07	41	34		C
19	Epc: 18.4°N, 95.3°E H=07h 42m 28.2s (USCGS) Depth = 56 kms. Mag..5.4(CGS)						
19	PBA	eP	07	44	14		
		e		45	26		
	SHL	iP	07	44	22		
	CHA	eP	07	45	07		
		e		47	10		
	BOK	e	07	45	30		
	KOD	iP	07	46	49		CSW
	NDI	iP	07	46	54		DSE 18.7
		iS		50	19		
	DDI	eP	07	46	57		D 19.3
		eS		50	29		
	POO	eP	07	47	04		
	BOM	eP	07	47	16		
		e		47	26		
19	KOD	iP	07	50	03		DSW
		e		50	05		
19	BOK	e	08	07	08		
19	BOK	e	08	07	46		
19	BHK	i	10	08	33		
19	SHL	eP	14	18	27		
19	NDI	eP	14	23	32		
	SHL	iP	14	23	43		DNW
		i		23	52		
19	BHK	e	17	46	47		
19	POO	eP	18	40	12		
	NDI	eP	18	40	16		
	SHL	iP	18	41	20		DNE
19	NDI	eP	18	42	55		
19	SHL	eP	18	44	43		
19	BHK	e	18	51	34		
	NDI	eP	18	52	46		
19	Epc: 37.0°N, 71.4°E. H = 19h 05m 38.1s (USCGS) Depth=130 kms (USCGS) Mag. 4.9 (CGS).						
	DDI	eP	19	07	39		7.7
		eS		09	08		
	NDI	iP	19	07	52		8.8
		iS		09	32		
	CHA	iP	19	09	23		C
	POO	eP	19	09	48		
	SHL	iP	19	10	12		CSE
19	BOM	e	19	45	00		
19	DDI	iP	20	31	43		
		e		33	11		
	NDI	eP	20	31	52		8.4
		iS		33	29		
	SHL	iP	20	34	20		DNE
19	POC	eP	20	37	30		
19	SHL	iP	23	12	59		DSE
19	NDI	eP	23	15	15		
20	Epc: 34.8°N, 70.0°E. H =02h 59m 50s (New Delhi).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
20	DDI	eP	03	01	55		
		i		03	39		
		i		04	35		
	NDI	iP	03	02	00	EC	8.7
		iS		03	41		
	BHK	eS	03	03	26		
		i		04	36		
	SHL	iP	03	04	36	DNW	
20	POO	eP	03	07	13		
20	SHL	iP	04	32	45	DSE	
	CHA	iP	04	33	14	D	
	POO	eP	04	34	07		
20	NDI	e	05	23	48		
20	SHL	iP	05	58	20	CSE	
	POO	iP	05	59	46.5	D	
20	Epc: 51.4°N, 176.6°W. H=09h 29m 59.1s (USCGS). Depth= 54 kms (CGS). Mag. 5.1 (CGS).						
	SHL	iP	09	41	15	CSE	
	CHA	iP	09	41	28	C	
	DDI	iP	09	41	40.5	C	
20	NDI	iP	09	41	49	C	
	POO	iP	09	42	41	C	
20	SHL	iP	16	38	07	DSE	0.9
		P*		38	08		
		iSg		38	19		
20	NDI	iPg	16	43	43		0.2
		Sg		43	45		
20	SHL	iPg	18	50	35	DSE	0.2
		Sg		50	38		
20	POO	eP	21	26	27		
20	SHL	iP	21	56	20	CNW	2.2
		iS		56	47		
	CHA	iP	21	58	36	D	
20	SHL	iP	22	46	56	CSW	
20	NDI	iP	22	48	46	C	
20	SHL	eP	23	22	04		4.1
		iS		22	53		
20	Epc: 27.6°N, 67.7°E. Depth=36 kms (USCGS). H=23h 35m 46.4s (USCGS). Mag. 4.8 (CGS).						
20 Contd.	NDI	iP	23	37	51	CNW	7.9
		eS		39	22		
	DDI	eP	23	38	05		
		e		40	01		
	CHA	eP	23	39	47		
	POO	eP	23	40	05		
21	NDI	eP	02	47	57		
21	SHL	iPn	08	03	17	DSW	1.5
		iSg		03	37		
21	POO	eP	11	31	23		
	KOD	iP	11	31	44	R	
21	SHL	iP	11	45	25	C	
21	SHL	iP	12	00	35	C	
21	Epc: 46.7°N, 152.5°E. Depth=40 kms (CGS). H=12h 19m 27.3s (USCGS). Mag. 5.6 (CGS).						
	SHL	iP	12	28	35	DNE	
	DDI	iP	12	29	20	D	
	NDI	iP	12	29	31		
	POO	eP	12	30	31		
	KOD	iP	12	30	52	CW	
21	BHK	M	12	54	36		
21	SHL	ePn	15	08	03	SW	1.5
		iSg		08	23		
21	PBA	e	18	33	05		
21	CHA	iPg	21	53	20.7	C	1.4
		Sg		53	39.2		
	SHL	iP	21	54	03	CSE	
21	NDI	eP	21	56	36		
22	NDI	e	02	20	20		
22	KOD	iP	04	23	23.2	C	
22	SHL	eP	05	58	37		
22	Epc: 48.2°N, 146.7°E. Sea of Okhotsk. H=06h 29m 53.5s. Depth=453 kms. Mag. 6¼-6½ (Pas), 6.2 (Brk), 5.6 S.D, 0.5 (CGS).						
	SHL	iP	06	37	53	DN	48
		PP		40	06		
		iS		44	17		
		SS		47	02		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
22 Contd.	CHA	iP	06	38	11	D	50
		S		44	50		
	BOK	iP	06	38	28	D	53.5
		i		41	57		
		iS		45	27		
	LDI	iP	06	38	38.5	C	
		i		45	33		
	BHK	iP	06	38	41		
		e		40	11		
		i		42	13		
		e		45	36		
	NDI	iP	06	38	49	DNE	
	POO	iP	06	39	49.3	D	
	BOM	eP	06	39	53		65.5
		eS		48	02		
22	POO	iP	06	41	25.3		
		i		47	56		
	KOD	iP	06	41	47.8	D	
22	NDI	iP	06	46	00		
22	PBA	i	06	46	23		
22	SHL	iP	07	20	09	DNE	
	NDI	e	07	20	58		
22	BHK	e	07	58	10		
22	NDI	e	08	05	35		
22	NDI	e	08	38	22		
22	Epc: 52.1°N, 172.7°E. H=08h 52m 18.2s (USCGS). Depth=55 kms (CGS). Mag. 4.9 (CGS)						
	SHL	iP	09	02	53		
	CHA	iP	09	03	06		
	POO	eP	09	04	28		
22	BHK	e	09	30	42		
22	SHL	eP	16	05	35		
22	SHL	iPn	16	49	27		
		iSg		49	47		
22	SHL	iP	19	47	03		
22	SHL	iPn	20	02	27		
		iSg		02	45		
23	Epc: 14.9°S, 166.9°E. New Hebrides Islands. Depth=48 kms H= 02h 19m 13.8s. Mag. 5¾-6 (Pas), 5.5-5.9 (Brk), 5.6 S.D. 1.0 (CGS).						
	PBA	eP	02	31	11		77.8
		iS		41	04		
23	CHA	iP	02	32	00	D	
	MDR	eP	02	32	12		91.5
		PP		35	53		
		PPP		37	48		
		SKS		42	39		
		iS		43	10		
		LQ		47	18		
	NDI	iP	02	32	40	C	
	POO	eP	02	32	43		
	BOM	eP	02	32	48		
		e		35	48		
		PP		36	14		
		eSKS		43	26		
		i		43	44		
23	POO	eP	03	09	49		
23	BOK	e	08	17	48		
23	SHL	iPn	13	24	59	D	1.3
		iSg		25	15		
23	SHL	iP	15	30	30	CN	5.0
		eS		31	27		
23	CHA	iPg	18	30	51.8	C	0.8
		Sg		31	01.8		
23	SHL	eP	19	11	11		
		i		12	38		
23	SHL	eP	21	36	13		
23	SHL	iP	22	00	51	DSE	
23	SHL	iP	23	03	51	DNW	
24	SHL	iP	02	00	25	D	
24	NDI	e	06	59	39		
24	NDI	ePn	06	59	46		2.3
		PP		59	49		
		Pg		59	51		
		eSn	07	00	15		
		SS		00	26		
		SSS		00	33		
	POO	eP	07	03	57		
24	SHL	iP	07	05	52	C	
	CHA	iP	07	06	00	C	
	NDI	eP	07	06	11		
24	BOK	e	07	59	27		
24	SHL	iP	09	44	20	DW	
24	BOK	e	09	59	27		
24	PBA	iPg	11	40	53.1		0.3
		eSg		40	56.4		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
24	SHL	eP	11	43	55		
24	SHL	eP	15	19	37		
24	SHL	iP	15	47	52		
24	PBA	iPg	16	29	46.3		
		eSg		29	59.8		
24	NDI	e	17	03	50		
24	NDI	e	17	03	54		
24	Epc: 38.3°S, 92.1.W H=16h 45m 47.1s (USCGS) Depth=33 kms (CGS) Mag. 4.7 (CGS).						
	KOD	iP	17	05	31.3	D	
	SHL	eP	17	05	38		
	POO	eP	17	05	46		
	MDR	e	17	05	50		
	NDI	e	17	05	55		
	CHA	eP	17	05	56		
24	BOM	e	18	04	00		
24	SHL	iP	18	08	27	CNE	
		i		08	39		
		i		08	43		
24	SHL	iP	18	10	53	DNE	
	CHA	eP	18	11	47		7.5
		S		13	13		
24	SHL	iP	18	16	39	CNE	
		i		17	07		
		i		17	17		
24	SHL	iP	18	40	53	CN	2.0
		eS		41	20		
24	CHA	iP	18	41	37	C	
24	NDI	eP	19	14	31		8.8
		PP		14	36		
		PPP		14	44		
		iS		16	12		
		e		16	15		
		SS		16	24		
		S*		16	49		
	SHL	iP	19	16	48	DNW	
24	SHL	iP	19	19	48	CNE	
	CHA	e	19	20	20		
	NDI	e	19	21	18		
24	SHL	iPg	19	53	25	CES	0.8
		iSg		53	35		
24	POO	eP	23	41	42		
25	NDI	i	01	58	55		
25	SHL	iP	02	18	32	C	
25	NDI	e	02	22	36		
25	NDI	ePn	02	38	51		2.11
		Sn		39	17		
		S*		39	23		
		SSS		39	35		
25	SHL	iP	03	52	53	DSE	
25	POO	eP	06	53	10		
25	POO	ePg	07	02	31		
25	BOK	e	08	10	57		
25	BOK	e	09	28	19		
25	DDI	iP	09	57	08		
	NDI	iP	09	57	37	D	
25	NDI	iP	15	10	49	C	
25	SHL	eP	18	19	32		
25	NDI	iPg	19	33	05		0.7
		iSg		33	14		
	DDI	eP	19	33	31		
	CHA	eP	19	35	10		9.0
		S		36	53		
	POO	eP	19	35	22		
	SHL	eP	19	36	08		
	BOK	e	19	36	46		
25	SHL	iP	19	39	43	CNW	
	CHA	iP	19	40	44	D	5.6
		S		41	50		
	KOD	iP	19	40	48	CNW	
25	NDI	eP	19	45	20		
	POO	eP	19	46	54		
25	NDI	eP	20	34	44		
25	SHL	eP	20	36	34		
	KOD	iP	20	37	58	RN	
25	SHL	iP	21	08	32		
25	PBA	iP	23	40	35.5		1.1
		iS		40	51.5		
	MDR	i	23	42	56	CW	
		e		44	52		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
25	KOD	iP	23	43	32	DNE	
		i		43	32		
		i		43	32.8		
	SHL	iP	23	43	43	C	
	POO	eP	23	44	41		
25	KOD	iP	23	45	53.3	CNE	
		i		45	53.8		
		i		45	54		
26	SHL	iP	02	10	36	DSE	2.5
		iS		11	17		
26	NDI	iP	02	23	07	D	
26	Epc: 25.6°S, 70.6°W. H=02h 18m 17s (USCGS) Depth=54 kms (CGS) Mag. 5.5 (CGS)						
	POO	eP	02	37	54		
	KOD	iP	02	37	55.2	DSW	
		i		37	55.8		
		i		37	56		
	MDR	e	02	38	04		
	DDI	iP	02	38	10	D	
		i		38	33		
	SHL	iP	02	38	18	DNW	
26	SHL	eP	03	34	19		
26	BHK	e	03	52	56		
26	SHL	eP	05	33	03		
	NDI	e	05	34	25		
	POO	eP	05	35	18		
26	BOK	e	08	04	33		
26	SHL	iP	08	26	17	DN	1.8
		iS		26	41		
26	BCK	e	09	23	46		
26	BHK	e	13	29	14		
26	NDI	e	13	53	36		
	POO	eP	13	54	37		
26	SHL	eP	17	08	53		1.7
		eS		09	16		
26	SHL	iP	19	54	36	CNE	2.0
		iS		55	02		
26	SHL	iPn	23	12	36	DS	1.3
		iSg		12	53		
27	NDI	iP	03	01	56	R	
		i		02	09		
27	SHL	iP	04	23	03	DNW	
	NDI	eP	04	23	14		
		i		23	18		
27	SHL	iP	04	27	54	C	
	NDI	eP	04	28	08		
27	SHL	iP	07	01	56		
27	KOD	iP	08	02	30	CSW	
		e		02	31		
		e		02	32		
27	POO	eP	08	04	36		
27	SHL	iPg	10	23	07	D	0.8
		eSg		23	17		
27	KOD	iP	11	12	48.2	R	
27	SHL	iP	12	57	23	DSW	
	NDI	iP	12	58	17	C	
	POO	eP	12	59	17		
27	BHK	e	13	24	38		
27	SHL	iP	13	49	57		
27	NDI	eP	13	51	27	C	
	KOD	iP	13	51	48	RW	
		i		51	50		
	POO	eP	13	51	56		
27	SHL	iP	13	54	44		
27	NDI	eP	13	59	40		
27	SHL	iP	14	14	17	CNW	
27	SHL	iP	14	36	00	CNE	
27	MDR	e	17	10	16		
27	SHL	iP	17	14	11	CNW	1.7
		iS		14	33		
27	BHK	e	20	22	40		
		e		42	23		
	NDI	eP	20	22	55		
		i		23	04		
	CHA	iP	20	23	23	D	
	SHL	iP	20	23	34	CNE	
	POO	eP	20	24	05		
27	BOM	e	20	28	39		
		e		32	52		
		e		47	00		
27	BOK	e	20	32	19		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
28	BOK	e	07	21	10		
28	POO	iP	07	52	33.1	C	
	SHL	iP	07	52	36	DE	
	KOD	iP	07	53	03	DS	
28	SHL	iP	07	56	10	DNE	
28	SHL	iP	08	28	20	C	
	KOD	iP	08	29	20.3		
		i		29	21		
28	BHK		08	38	08		
28	SHL	iPg	09	46	22	CE	0.3
		eSg		46	27		
28	SHL	iP	19	49	59	CSW	
	CHA	eP	19	50	54		
28	SHL	iPg	20	16	39	CNE	0.9
		eSg		16	48		
28	SHL	ePg	20	45	07		0.4
		iSg		45	22		
28	NDI	ePg	22	40	49	C	1.16
		e		41	01		
		e		41	03		
		iSg		41	04		
28	KOD	iPg	23	35	35	RSE	4.5
		iSg		36	28.5		
		iPg		35	35		
		iSg		36	28		
		ePg		35	35		
		iSg		36	28.3		
28	POC	eP	23	37	34		
29	SHL	iP	04	58	31	CSE	4.8
		eS		59	27		
29	SHL	iP	06	42	59	DNE	
29	BOK	e	08	15	12		
29	BOK	e	08	16	41		
29	Epc: 9.8°S, 90.6°E. H=09h 21m 22.8s (USCGS) Depth=33 kms (CGS)						
	PBA	iP	09	26	10	DN	22.5
		iS		30	16		
	KOD	iP	09	26	36	DSW	25.7
		iS		31	03		
	MDR	e	09	26	42		
		e		31	17		
	POO	eP	09	27	49		
29	BOK	e	09	28	04		
	SHL	iP	09	28	15		
	CHA	iP	09	28	28	C	
	NDI	iP	09	29	01	CN	
	DDI	iP	09	29	11.3	D	
	KOD	iP	09	31	02	CSW	
		e		31	02		
	BOM	e	09	31	47		
		e		38	--		
29	POO	eP	09	34	29		
29	DDI	eP	10	13	08		
		i		14	45		
	NDI	iP	10	13	17	NWR	8.5
		iS		14	59		
29	POC	eP	10	15	03		
29	SHL	iP	10	15	33	CNE	
29	SHL	iP	17	24	54	CNW	
29	SHL	eP	18	01	37		2.0
		iS		02	04		
29	SHL	ePg	19	55	21	NW	1.0
		iSg		55	34		
29	Epc: 12.1°N, 140.6°E. H=19h 56m 57.2s (USCGS) Depth =33 kms (CSG) Mag. 4.6 (CGS).						
	SHL	iP	20	05	34	DSE	
	DDI	iP	20	07	05.4	R	
	KOD	eP	20	07	15	RSW	
		i		07	15.5		
		i		07	16		
29	PBA	iP	22	19	16	D	76.2
		iS		39	00		
29	Epc: 14.7°S, 167.4°E. H = 22h 17m 29.9s. Depth=161 kms. (CGS). Mag. 5.2 (CGS).						
	SHL	iP	22	29	42	CNW	
	VIS	eP	22	29	53		
		e		34	15		
		i		41	41		
	BOK	eP	22	30	05		
		e		40	15		
	CHA	eP	22	30	06		
	KOD	iP	22	30	25	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H	M	S		Δ Deg
29	MDR	eP	22	30	59		74.5
Contd.		eS		40	34		
		SKS		41	02		
29	BOM	e	22	34	29		
		e		41	18		
		e		43	22		
29	CAL	i	22	40	18		
29	SHL	iP	22	53	54	CNE	2.0
		iS		54	11		
30	SHL	iP	00	13	45	CNE	
30	SHL	iP	00	38	34	DSW	
30	NDI	iP	00	40	02		
	POO	eP	00	40	48		
30	NDI	e	03	10	06		
30	SHL	iP	04	37	42	D	
30	SHL	iP	07	03	26	D	
30	BOK	e	07	53	03		
30	BOK	e	08	21	30		
30	SHL	iP	12	38	12	DSE	2.6
		iS		38	44		
30	CHA	iP	14	54	29	C	
	SHL	iP	14	55	00	DS	6.8
		iS		56	19		
30	NDI	eP	14	57	13		
30	KOD	iP	15	18	49	RE	
		e		19	14		
30	SHL	iPg	16	53	57	DSE	1.1
		iSg		54	12		
30	POO	eP	19	01	07		
	CHA	e	19	02	39		
	NDI	e	19	02	41		
30	KOD	iP	19	04	05.3	RSW	
		i		04	05.5		
		i		04	06.0		
30	SHL	iP	20	56	13	DSE	
30	SHL	iP	21	22	09	DNW	
	CHA	eP	21	23	09		
	NDI	eP	21	25	02		
	KOD	i	21	25	34		
30	SHL	iP	22	21	10	DSE	
	CHA	iP	22	21	30		
	KOD	iP	22	22	12.6		
	NDI	eP	22	22	28		
	POO	eP	22	22	36		
30	POO	eP	22	57	46		
30	SHL	iP	23	30	57	CNW	

Earthquake Report
(Non-Instrumental Report)

List of felt earthquake report received from Voluntary Observers' report for the month of November 1966

S.N.	Station	Date in G M T	Time in G M T	No. of shocks	Duration in secs.	Intensity R.F. scale	Remarks
1.	Pokhara(Nepal)	05	18 55	Not known	45	V	Coming from South
2.	Pokhara(Nepal)	06	02 18	3 - 5	2	II	
3.	New Delhi (Lodi Road)	25	19 35	1	-	IV	

International Seismological Centre From the ISC collection scanned by SISMOS

MICROSEISMIC TABULATION

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Bokaro				
01	00	3	0.3	4.8
	06	3	0.3	5.2
	12	3	0.3	5.2
	18	3	0.3	4.9
02	00	3	0.3	4.8
	06	3	0.3	4.8
	12	3	0.3	4.7
	18	3	0.4	5.0
03	00	3	0.5	5.0
	06	3	0.5	4.6
	12	3	0.5	4.9
	18	3	0.4	4.2
04	00	3	0.3	3.8
	06	3	0.3	4.5
	12	3	0.3	4.2
	18	3	0.3	3.2
05	00	3	0.3	3.4
	06	3	0.2	3.2
	12	3	0.3	3.5
	18	3	0.3	3.2
06	00	3	0.2	3.1
	06	3	0.2	3.0
	12	3	0.2	3.4
	18	3	0.2	3.5
07	00	3	0.2	3.8
	06	3	0.2	4.2
	12	3	0.3	4.4
	18	3	0.3	4.4
08	00	3	0.3	4.7
	06	3	0.3	4.4
	12	3	0.3	4.7
	18	3	0.3	4.7
09	00	3	0.3	4.6
	06	3	0.3	4.8
	12	3	0.3	4.5
	18	3	0.2	4.4
10	00	3	0.3	4.6
	06	3	0.2	4.4
	12	3	0.3	4.0
	18	3	0.3	4.3
11	00	3	0.3	4.6
	06	3	0.1	3.2
	12	3	0.3	3.4
	18	3	0.2	3.2
12	00	3	0.4	3.4
	06	3	0.3	3.9
	12	3	0.3	4.0
	18	3	0.3	4.0
Station: Bokaro				
13	00	3	0.6	3.8
	06	3	0.7	4.0
	12	3	0.5	4.4
	18	3	0.3	3.8
14	00	3	0.3	4.3
	06	3	0.3	4.1
	12	3	0.3	4.8
	18	3	0.3	4.8
15	00	3	0.3	4.9
	06	3	0.4	4.9
	12	3	0.3	5.2
	18	3	0.3	5.5
16	00	3	0.3	5.6
	06	3	0.3	5.9
	12	3	0.3	5.3
	18	3	0.3	5.0
17	00	3	0.3	5.4
	06	3	0.3	5.1
	12	3	0.3	5.2
	18	3	0.2	4.9
18	00	3	0.2	5.1
	06	3	0.2	5.3
	12	3	0.1	3.2
	18	3	0.2	3.6
19	00	3	0.2	3.6
	06	3	0.2	3.6
	12	3	0.3	3.1
	18	3	0.3	3.3
20	00	3	0.4	3.4
	06	3	0.5	3.8
	12	3	0.5	3.5
	18	3	0.6	3.7
21	00	3	0.7	4.1
	06	2	1.1	5.0
	12	2	1.0	4.0
	18	2	1.0	4.1
22	00	2	0.7	4.2
	06	3	0.5	4.0
	12	3	0.4	4.4
	18	3	0.3	4.4
23	00	33	0.3	4.6
	06	3	0.2	3.8
	12	3	0.2	4.2
	18	3	0.2	4.4
24	00	3	0.1	4.1
	06	3	0.2	4.4
	12	3	0.2	4.8
	18	3	0.2	5.3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Bokaro				
25	00	3	0.2	4.9
	06	3	0.2	4.7
	12	3	0.2	4.4
	18	3	0.2	4.7
26	00	3	0.2	4.8
	06	3	0.2	4.9
	12	3	0.3	4.5
	18	3	0.2	5.0
27	00	3	0.2	4.8
	06	3	0.2	4.7
	12	3	0.2	3.9
	18	3	0.3	4.7
28	00	3	0.3	4.0
	06	3	0.3	4.4
	12	3	0.2	3.6
	18	3	0.2	3.6
29	00	3	0.2	4.7
	06	3	0.1	3.5
	12	3	0.2	5.1
	18	3	0.2	3.9
30	00	3	0.2	3.6
	06	3	0.2	4.2
	12	3	0.2	4.7
	18	3	0.3	5.0
Station: Bombay (Colaba)				
01	00	3	0.3	5.0
			0.3	2.0
	06	3	0.3	5.0
			0.2	1.9
	12	3	0.3	4.8
			0.3	3.8
			0.2	1.7
	18	3	0.3	4.9
			0.2	1.7
02	00	3	0.3	4.1
			0.3	2.1
	06	3	0.4	4.5
			0.3	2.8
			0.2	1.8
	12	3	0.5	4.5
			0.3	3.0
	18	3	0.9	4.5
			0.6	4.0
			0.3	3.0
03	00	3	1.1	4.4
			0.4	3.0
	06	1	2.5	4.8
	12	1	2.5	4.6
	18	2	1.3	3.9
04	00	2	0.9	3.6
04	06	3	0.9	3.8
			0.4	3.2
	12	3	0.9	3.8
			0.4	3.2
	18	3	0.7	3.2
			0.4	2.5
05	00	2	0.5	3.0
	06	2	0.4	2.9
	12	2	0.5	2.9
	18	2	0.5	3.0
06	00	3	0.5	3.0
			0.2	2.0
	06	3	0.5	3.0
			0.3	2.4
	12	3	0.3	2.4
			0.2	2.0
	18	3	0.3	3.0
			0.2	2.0
07	00	3	0.5	3.0
			0.3	1.9
	06	3	0.4	3.0
			0.2	2.0
	12	3	0.4	3.1
			0.2	2.1
	18	3	0.5	3.0
			0.3	1.9
08	00	3	0.5	3.1
			0.3	1.7
	06	3	0.5	4.0
			0.3	2.9
	12	3	0.6	4.0
			0.3	3.1
	18	3	0.7	4.2
			0.4	3.0
			0.2	2.5
09	00	3	0.7	4.3
			0.5	3.2
	06	3	0.7	4.0
			0.3	3.0
	12	3	0.7	4.0
			0.3	3.0
	18	3	0.8	4.1
			0.5	3.2
10	00	3	0.8	4.2
			0.5	3.0
	06	3	0.9	4.0
			0.5	3.2
	12	3	0.8	3.9
			0.4	3.0
	18	3	0.7	4.0
			0.4	3.0

International Seismological Centre From the ISC collection scanned by SISMOS

Station: Bombay (Colaba)

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
11	00	3	0.6	4.0
			0.3	3.0
	06	3	0.7	3.8
			0.4	3.0
	12	2	0.5	2.9
	18	3	0.7	3.0
			0.3	2.2
12	00	1	1.3	3.0
	06	3	0.8	2.9
			0.3	1.8
	12	3	0.5	3.4
			0.3	2.0
	18	3	0.5	3.4
			0.2	2.0
13	00	1	1.0	3.2
	06	1	1.0	3.2
	12	1	1.0	3.0
	18	1	0.8	3.1
14	00	1	0.9	2.9
	06	1	0.9	3.0
	12	1	0.9	3.0
	18	1	0.9	2.5
15	00	3	0.8	2.5
			0.4	1.8
	06	3	0.5	2.3
			0.2	1.8
	12	3	0.6	2.8
			0.4	2.2
	18	3	0.5	2.8
			0.4	2.2
16	00	3	0.4	3.4
			0.3	2.1
	06	3	0.4	3.2
			0.2	1.8
	12	3	0.4	4.1
			0.3	2.8
			0.2	2.0
	18	3	0.3	3.0
			0.2	2.0
17	00	2	0.3	3.0
	06	3	0.4	4.0
			0.3	2.9
	12	2	0.3	3.1
	18	2	0.3	3.1
18	00	2	0.3	3.0
	06	3	0.3	3.9
			0.3	2.9
	12	3	0.3	6.0
			0.3	3.0
	18	3	0.3	4.1
			0.3	3.0
19	00	2	0.3	3.0
	06	2	0.3	3.1
	12	2	0.3	3.2
Contd.	18	2	0.3	3.4
20	00	3	0.5	4.0
			0.3	2.7
	06	3	0.7	4.0
			0.3	2.6
	12	3	0.7	4.0
			0.5	3.0
			0.2	2.0
	18	3	0.7	4.0
			0.4	3.0
21	00	3	0.9	4.3
			0.4	3.1
	06	3	1.1	4.8
			0.7	3.9
	12	3	1.2	4.3
			0.5	3.1
	18	3	1.3	4.9
			0.8	4.0
			0.4	3.0
22	00	3	0.9	4.4
			0.4	3.3
	06	3	0.6	4.9
			0.5	4.0
			0.3	3.0
	12	3	0.8	5.0
			0.5	4.0
			0.3	1.8
	18	3	0.6	5.1
			0.3	2.1
23	00	3	0.5	5.3
			0.3	2.3
	06	3	0.5	4.7
			0.3	2.3
	12	3	0.3	5.0
			0.2	1.9
	18	3	0.3	5.0
			0.2	2.0
24	00	3	0.3	5.0
			0.2	2.0
	06	3	0.3	4.4
			0.3	2.4
	12	2	0.3	2.4
	18	3	0.3	4.8
			0.3	2.2
25	00	3	0.3	5.1
			0.2	2.2
	06	3	0.3	5.0
			0.2	1.9
	12	3	0.3	4.9
			0.2	1.8
	18	3	0.3	5.0
			0.3	2.1

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm.	MEAN Period in sec
Station: Bombay (Colaba)				
26	00	3	0.3	4.9
			0.3	2.0
	06	2	0.3	2.3
	12	3	0.3	4.9
			0.2	2.3
	18	3	0.3	5.0
			0.2	2.0
27	00	3	0.3	5.7
			0.3	2.8
	06	3	0.5	3.0
			0.2	1.8
	12	3	0.5	3.1
			0.2	2.0
	18	3	0.5	4.1
			0.4	3.0
28	00	3	0.7	3.5
			0.2	2.2
	06	3	0.9	3.7
			0.5	3.0
	12	3	0.5	3.4
			0.2	2.0
	18	3	0.4	3.0
			0.2	2.0
29	00	3	0.4	2.9
			0.3	2.1
	06	2	0.3	2.8
	12	3	0.3	2.8
			0.2	1.8
	18	1	0.5	2.8
30	00	1	0.5	2.8
	06	1	0.4	2.7
	12	1	0.5	2.9
	18	1	0.5	2.8
Station: Calcutta :(Alipore)				
01	00	3	0.3	4.9
	06	3	0.4	2.2
	12	3	0.4	2.2
	18	3	0.3	3.0
02	00	3	0.4	3.0
	06	....		
	12	3	0.5	2.8
	18	3	0.6	3.0
03	00	3	0.7	3.0
	06	3	0.6	3.0
	12	3	1.2	4.0
	18	3	0.8	3.8
04	00	3	0.5	4.0
	06	3	0.8	3.0
	12	3	0.8	3.2
	18	3	0.8	3.6
05	00	3	0.7	3.8
05 Contd.	06	3	0.6	2.8
	12	3	0.5	3.0
	18	3	0.7	3.8
06	00	3	0.4	3.0
	06	3	0.3	3.0
	12	3	0.4	3.0
	18	3	0.5	2.8
07	00	3	0.4	2.8
	06	3	0.5	3.8
	12	3	0.2	3.8
	18	3	0.3	4.0
08	00	3	0.4	4.0
	06	3	0.5	4.2
	12	3	0.6	3.8
	18	3	0.5	4.2
09	00	3	0.6	4.0
	06	3	0.7	4.0
	12	3	0.8	4.2
	18	....		
10	00	....		
	06	3	0.5	3.8
	12	3	0.4	4.0
	18	3	0.4	4.0
11	00	3	0.6	4.2
	06	3	0.5	3.8
	12	3	0.4	3.2
	18	3	0.6	3.2
12	00	1	1.3	3.4
	06	3	0.8	3.0
	12	3	0.5	3.8
	18	3	0.8	4.0
13	00	1	1.2	4.2
	06	3	1.2	4.0
	12	3	1.0	4.0
	18	3	0.6	4.0
14	00	3	0.4	4.2
	06	3	0.4	3.8
	12	3	0.5	4.0
	18	3	0.5	3.8
15	00	3	0.5	3.6
	06	3	0.5	4.0
	12	3	0.4	3.8
	18	3	0.4	3.5
16	00	3	0.3	3.4
	06	3	0.3	4.0
	12	3	0.3	3.8
	18	3	0.4	4.0
17	00	3	0.3	4.0
	06	3	0.3	4.2
	12	3	0.2	4.2

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm.	MEAN Period in sec
Station: Calcutta (Alipore)				
17	18	3	0.3	4.0
18	00	....	Under calibration	
	06	....		
	12	....		
	18	....		
19	00	....		
	06	3	0.8	3.0
	12	3	1.5	3.0
	18	3	1.0	3.0
20	00	3	1.0	3.2
	06	3	1.8	3.0
	12	3	1.2	3.8
	18	3	1.5	3.0
21	00	3	2.0	4.2
	06	3	1.2	3.4
	12	3	2.2	3.8
	18	3	2.1	4.0
22	00	3	2.2	3.4
	06	3	1.8	3.0
	12	3	1.1	4.0
	18	3	1.1	3.8
23	00	3	1.0	4.0
	06	3	0.6	4.0
	12	3	0.4	4.0
	18	3	0.4	4.0
24	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.2	4.2
	18	3	0.2	4.2
25	00	3	0.3	4.2
	06	3	0.3	3.8
	12	3	0.4	4.0
	18	3	0.4	3.8
26	00	3	0.5	4.0
	06	3	0.3	4.0
	12	3	0.3	3.6
	18	3	0.4	3.8
27	00	3	0.4	3.8
	06	3	0.4	3.6
	12	3	0.5	3.4
	18	3	0.5	3.2
28	00	3	0.4	3.2
	06	....		
	12	3	0.4	3.0
	18	3	0.3	3.2
29	00	3	0.3	3.0
	06	3	0.4	3.2
	12	3	0.3	3.0
	18	3	0.3	3.0
30	00	3	0.3	3.2
	06	3	0.4	3.0
	12	3	0.4	3.2
	18	3	0.5	3.0
Station: Madras				
01	00	2	0.3	2.6
	03	2	0.3	2.8
	06	2	0.3	3.0
	09	2	0.5	4.2
	12	2	0.6	4.3
	15	2	0.7	4.1
	18	2	0.7	4.2
	21	2	0.8	4.2
02	00	2	0.8	4.0
	03	1	1.0	4.3
	06	1	1.1	4.2
	09	1	1.6	4.3
	12	1	1.8	4.2
	15	1	2.1	4.5
	18	1	2.5	4.5
	21	1	2.9	4.5
03	00	1	3.4	4.5
	03	...	No record	
	06	1	*7.5 to 8.0	4.5
	09 to 21	...	No record	
04	00 to 21	...	No record	
05	00	...	No record	
	03	...	No record	
	06	1	1.1	3.0
	12	1	1.0	3.0
	18	1	0.9	3.1
06	00	2	0.8	3.2
	03	2	0.8	3.2
	06	2	0.7	3.2
	12	2	0.7	3.2
	18	2	0.6	3.1
07	00	2	0.6	3.1
	03	2	0.5	3.1
	06	...	No record	
	12	2	0.5	3.1
	18	2	0.4	3.1
08	00	2	0.7	4.5
		2	0.5	3.1
	03	2	0.7	4.5
		2	0.4	2.7
	06	2	0.7	4.5
		2	0.5	3.1
	09	2	0.7	4.6
		2	0.6	3.1

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Madras				
08	12	2	0.7	4.5
		2	0.5	3.0
	15	2	0.6	3.1
	18	2	0.8	4.9
		2	0.5	3.0
	21	2	0.7	4.9
		2	0.6	3.0
09	00	2	0.7	4.9
		2	0.6	3.1
	03	1	0.8	3.1
	06	1	0.9	3.1
	09	1	0.9	3.1
	12	1	1.1	3.3
	15	1	1.2	3.3
	18	1	1.3	3.2
	21	1	1.4	3.6
10	00	1	1.4	3.5
	03	1	1.5	3.5
	06	1	1.5	3.5
	09	1	1.4	3.4
	12	1	1.3	3.2
	15	1	1.3	3.3
	18	1	1.2	3.1
	21	1	1.1	3.0
11	00	1	1.0	3.0
	03	1	1.0	3.0
	06	1	1.0	3.0
	12	1	1.0	3.0
	18	1	0.9	3.0
	21	1	1.0	3.1
12	00	1	1.3	3.0
	03	1	1.3	3.3
	06	1	1.0	3.1
	09	2	0.8	3.1
	12	2	0.7	3.0
	15	2	0.5	3.1
	18	2	0.6	3.2
	21	1	1.1	3.7
13	00	1	1.1	3.5
	03	...	No record	
	06	1	1.2	3.6
	09	1	1.1	3.6
	12	1	0.8	3.4
	18	2	0.6	4.7
		2	0.5	3.1
14	00	2	0.6	4.6
		2	0.5	2.6
	03	2	0.7	4.5
		2	0.5	2.6
	06	2	0.7	4.6
		2	0.5	2.8
	12	2	0.6	4.6
		2	0.4	2.6
	18	2	0.5	4.3
		2	0.3	2.3
15	00	2	0.4	4.1
	03	2	0.4	4.1
		3	0.2	2.0
	06	2	0.4	4.0
	12	2	0.4	4.0
	18	2	0.4	4.0
16	00	2	0.4	4.0
	03	2	0.4	4.0
	06	2	0.4	4.0
	12	2	0.4	4.0
	18	2	0.4	4.0
17	00	2	0.4	4.0
	03	2	0.3	3.8
	06	2	0.3	3.9
	12	2	0.3	3.0
	18	2	0.3	3.0
18	00	2	0.4	3.0
	03	2	0.4	3.1
	06	2	0.5	3.1
	12	2	0.5	3.1
	18	2	0.6	3.1
19	00	2	0.7	3.1
	03	2	0.7	3.2
	06	...	No record	
	12	...	No record	
	18	2	0.9	4.0
	21	1	1.1	4.0
20	00	1	1.2	4.4
	03	...	No record	
	06	1	1.5	4.5
	09	1	1.6	4.5
	12	1	1.6	4.6
	15	1	1.8	4.5
	18	1	1.6	4.6
	21	1	2.0	5.1
21	00	1	2.4	5.3
	03	1	2.7	5.3
	06	1	2.7	5.5
	09	1	2.7	5.4
	12	1	2.4	5.1
	15	1	2.4	5.0
	18	1	2.4	5.4
	21	1	2.3	5.1
22	00	1	2.1	5.4
	03	1	1.8	5.2
	06	...	No record	
	09	1	1.6	5.1
	12	1	1.4	5.1
	15	1	1.3	5.0
	18	1	1.2	5.0
	21	1	0.9	5.0
23	00	2	0.8	5.0
	03	2	0.7	4.7

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station : Madras				
23	06	...	No record	
Contd.	12	2	0.5	4.5
	18	2	0.4	4.5
24	00	2	0.3	4.5
	03	2	0.3	3.9
		3	0.1	1.5
	06	...	No record	
	12	2	0.3	3.9
	18	2	0.3	3.9
25	00	2	0.3	4.4
	03	2	0.3	4.4
	06	...	No record	
	12	2	0.3	3.0
	18	2	0.3	3.0
26	00	2	0.3	3.0
	03	2	0.3	3.0
	06	...	No record	
	12	...	No record	
	18	2	0.5	3.0
27	00	2	0.6	3.0
	03	...	No record	
	06	...	No record	
	09	1	1.1	3.5
	12	1	1.1	3.7
	15	1	1.1	3.2
	18	1	1.4	3.3
	21	1	1.5	3.4
28	00	1	2.5	3.5
	03	1	2.7	3.5
	06	1	2.4	3.9
	09	1	2.1	3.7
	12	1	1.7	3.4
	15	1	1.5	3.2
	18	1	1.3	3.1
	21	1	1.1	3.0
29	00	1	1.1	3.0
	03	1	0.9	3.0
	06	1	0.8	3.0
	12	1	0.6	3.0
	18	1	0.6	3.0
30	00	1	0.5	3.0
	03	1	0.5	3.0
	06	1	0.5	3.0
	12	1	0.5	3.0
	18	1	0.5	3.0
Station : Port Blair				
01	00	3	0.8	3
			0.8	5
	06	...	-	-
	12	3	4.0	3
	18	3	3.2	3
02	00	3	2.4	3
	06	3	2.0	3
02	12	3	1.6	3
	18	3	1.2	3
			1.2	7
03	00	3	1.2	3
			1.6	7
	06	3	2.0	3
			2.0	7
	12	3	2.0	2
			2.0	7
	18	3	2.0	2
			2.0	7
04	00	3	2.0	2
			2.0	7
	06	3	2.0	2
			1.6	7
	12	3	1.6	3
			1.2	7
	18	3	1.2	3
			1.2	7
05	00	3	1.2	3
			1.2	7
	06	3	1.2	2
			1.2	7
	12	3	1.2	2
			1.2	7
	18	3	1.2	2
			0.8	7
06	00	3	1.2	2
			0.8	7
	06	3	1.2	2
			0.8	7
	12	3	1.2	2
			0.8	7
	18	3	1.6	2
			0.4	7
07	00	3	1.6	2
			0.4	7
	06	3	1.6	2
			0.4	7
	12	...	-	-
	18	...	-	-
08	00	...	-	-
	06	...	-	-
	12	3	1.6	2
			0.4	7
	18	...	-	-
09	00	...	-	-
	06	3	1.6	2
			0.4	7
	12	3	1.2	2
	18	3	1.2	2
10	00	3	1.2	2
	06	3	1.2	3
	12	3	0.8	3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station : Port Blair				
10	18	3	0.8	3
Contd.			0.8	7
11	00	3	0.8	3
			0.8	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	1.2	7
12	00	3	1.2	7
	06	3	1.2	7
	12	3	1.2	7
	18	3	0.8	7
13	00	3	1.2	7
	06	3	1.2	7
	12	3	1.2	7
	18	3	1.2	7
14	00	3	1.2	7
	06	3	1.2	7
	12	3	1.2	7
	18	3	1.2	7
15	00	3	1.2	7
	06	...	-	-
	12	3	0.8	3
			0.8	7
	18	3	0.8	7
16	00	3	0.8	7
	06	...	-	-
	12	3	1.2	3
			0.8	7
	18	3	1.2	3
			0.8	7
17	00	3	0.8	3
			0.8	7
	06	3	1.2	3
			1.2	7
	12	3	1.2	3
			1.2	6
	18	3	1.2	3
			1.2	7
18	00	3	1.6	3
	06	...	-	-
	12	3	1.6	3
			0.8	6
	18	3	2.0	3
			0.8	6
19	00	3	2.0	3
			0.8	6
	06	3	1.6	2
			0.8	7
	12	3	1.6	2
			0.8	7
	18	3	1.6	2
			1.2	7
20	00	3	1.6	2
			1.2	7
	06	3	2.0	3
			1.6	7
	12	3	2.0	3
			1.2	7
	18	3	2.0	3
			1.6	7
21	00	3	2.0	3
			1.6	7
	06	3	2.0	3
			1.6	7
	12	3	1.6	3
	18	3	1.6	3
			1.2	7
22	00	3	1.2	3
			0.8	5
	06	3	1.6	3
			1.6	6
	12	3	1.6	3
			1.6	6
	18	3	1.6	3
			1.6	6
23	00	...	-	-
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
24	00	3	0.8	3
	06	3	0.8	2
	12	3	0.8	2
	18	3	1.2	2
25	00	3	1.2	2
	06	2	2.0	3
	12	2	1.6	3
	18	2	2.4	3
26	00	2	2.4	3
	06	2	2.0	3
	12	2	2.0	3
	18	2	1.6	3
27	00	2	1.2	3
	06	2	1.2	3
	12	2	1.2	3
	18	2	1.2	3
28	00	2	1.2	3
	06	2	1.2	2
	12	2	0.8	2
	18	3	0.8	2
29	00	3	0.8	2
	06	3	0.4	3
			0.4	5
	12	3	0.4	3
			0.4	5

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station: Port Blair				
29	18	3	0.4	3
			0.4	7
30	00	3	0.4	3
			0.4	7
	06	3	0.8	7
	12	3	0.8	7
	18	3	0.8	7
Station: Shillong				
01	00	0,0	-	-
	06	0.0		
	12	3	0.2	4.2
	18	3	0.2	4.4
02	00	0.0	-	-
	06	3	0.3	4.5
	12	3	0.2	4.3
	18	3	0.2	4.2
03	00	3	0.2	4.5
	06	3	0.3	4.5
	12	3	0.2	4.2
	18	...	---	---
04	00	3	0.3	4.6
	06	3	0.2	4.5
	12	3	0.2	4.5
	18	3	0.2	4.3
05	00	0,0	---	---
	06	0,0	---	---
	12	3	0.2	4.5
	18	0,0	---	---
06	00	0,0	---	---
	06	0,0	---	---
	12	0.0	---	---
	18	0,0	---	---
07	00	0,0	---	---
	06	...	---	---
	12	0,0	---	---
	18	3	0.2	4.5
08	00	3	0.1	4.3
	06	3	0.2	4.6
	12	3	0.2	4.5
	18	3	0.2	4.5
09	00	3	0.2	4.6
	06	3	0.1	4.0
	12	...	---	---
	18	0,0	---	---
10	00	0,0	---	---
	06	0,0	---	---
	12	0,0	---	---
	18	0,0	---	---
11	00	0,0	---	---
Station: Shillong				
11	06	3	0.2	3.8
	12	0,0	---	---
	18	0,0	---	---
12	00	3	0.1	3.8
	06	0,0	---	---
	12	0,0	---	---
	18	0,0	---	---
13	00	0,0	---	---
	06	3	0.2	4.5
	12	0,0	---	---
	18	3	0.1	4.0
14	00	3	0.1	4.0
	06	3	0.1	4.2
	12	3	0.2	4.5
	18	3	0.2	4.5
15	00	3	0.2	4.3
	06	3	0.1	4.2
	12	3	0.2	4.5
	18	3	0.2	4.4
16	00	3	0.2	4.5
	06	3	0.2	4.3
	12	3	0.1	3.8
	18	3	0.2	4.0
17	00	3	0.1	4.0
	06	0.0	---	---
	12	3	0.2	4.0
	18	0.0	---	---
18	00	0,0	---	---
	06	3	0.2	4.5
	12	3	0.1	4.2
	18	0,0	---	---
19	00	3	0.1	4.0
	06	0,0	---	---
	12	3	0.1	3.8
	18	3	0.1	3.6
20	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.4	4.4
21	00	3	0.5	4.8
	06	3	0.5	5.4
	12	3	0.4	4.7
	18	3	0.3	4.5
22	00	3	0.3	4.2
	06	3	0.4	4.8
	12	3	0.3	4.0
	18	3	0.3	4.2

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station : Shillong				
23	00	3	0.3	4.2
	06	3	0.4	4.8
	12	3	0.1	4.0
	18	3	0.2	4.4
24	00	3	0.1	4.0
	06	3	0.2	3.8
	12	3	0.3	4.3
	18	3	0.3	4.2
25	00	3	0.3	4.1
	06	3	0.3	4.1
	12	3	0.3	4.2
	18	3	0.3	4.2
26	00	3	0.3	4.4
	06	3	0.3	4.6
	12	3	0.4	5.0
	18	3	0.4	5.0
27	00	3	0.3	4.2
	06	3	0.3	4.0
	12	3	0.3	4.2
	18	3	0.3	4.3
28	00	3	0.3	4.0
	06	...	---	---
	12	...	---	---
	18	...	---	---
29	00	...	---	---
	06	3	0.2	4.2
	12	3	0.3	4.8
	18	3	0.3	4.6
30	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.3	4.4
	18	3	0.4	4.6
Station : Visakhapatnam				
01	00	...		
	06	2	0.4	3.9
	12	2	0.4	3.8
	18	H00	-	-
02	00	B00	F-	-
	06	C00	-	-
	12	D00	-	-
	18	E00	-	-
03	00	F00	-	-
	06	1	1.3	4.4
	12	1	1.2	4.0
	18	2	1.1	3.9
Station : Visakhapatnam				
04	00	G00	-	-
	06	1	0.6	2.8
	12	1	0.5	2.8
	18	1	0.5	2.9
05	00	1	0.5	3.0
	06	1	0.5	3.0
	12	1	0.5	3.1
	18	1	0.4	3.0
06	00	1	0.4	3.0
	06	1	0.4	2.9
	12	1	0.4	2.8
	18	2	0.3	2.2
07	00	2	0.3	2.2
	06	2	0.3	2.2
	12	2	0.4	2.5
	18	2	0.3	2.2
08	00	2	0.3	2.5
	06	2	0.3	2.5
	12	2	0.3	2.6
	18	2	0.3	2.2
09	00	2	0.3	2.4
	06	2	0.3	2.2
	12	1	0.5	2.7
	18	2	0.5	2.8
10	00	2	0.3	2.8
	06	2	0.4	2.8
	12	2	0.5	2.9
	18	H00	-	-
11	00	2	0.4	2.7
	06	2	0.4	2.5
	12	2	0.4	2.8
	18	2	0.6	2.9
12	00	2	0.4	2.9
	06	2	0.5	3.1
	12	2	0.6	3.2
	18	2	0.6	3.9
13	00	2	0.6	3.8
	06	2	0.6	3.8
	12	2	0.6	3.4
	18	2	0.4	3.2
14	00	2	0.4	3.1
	06	2	0.5	3.1
	12	2	0.5	3.2
	18	2	0.4	3.8
15	00	2	0.5	3.7
	06	2	0.5	3.6
	12	2	0.5	3.8
	18	2	0.5	4.2

A,B,C,D,E,F = No record
G = No record due to power failure
H = No record bulb fused

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station : Visakhapatnam				
16	00	00	-	-
	06	2	0.5	4.3
	12	2	0.5	4.2
	18	2	0.5	4.3
17	00	2	0.5	4.3
	06	00	-	-
	12	I 00	-	-
	18	00	-	-
18	00	1	0.2	2.1
	06	1	0.2	2.1
	12	1	0.2	2.2
	18	1	0.4	2.8
19	00	2	0.4	2.8
	06	1	0.5	3.5
	12	1	0.6	3.5
	18	1	0.6	3.6
20	00	1	0.7	3.6
	06	1	0.8	3.4
	12	1	1.0	3.8
	18	1	1.4	4.2
21	00	1	2.2	4.8
	06	1	1.9	4.4
	12	1	1.8	4.1
	18	1	1.8	3.8
22	00	1	1.0	3.7
	06	1	0.7	3.2
	12	1	0.7	3.1
	18	1	0.7	3.1
23	00	00	-	-
	06	2	0.5	3.0
Station : Visakhapatnam				
23	12	2	0.5	2.5
	18	2	0.4	2.5
24	00	2	0.4	2.4
	06	2	0.4	2.5
	12	2	0.3	2.4
	18	2	0.3	2.3
25	00	00	-	-
	06	2	0.5	4.5
	12	2	0.5	4.4
	18	2	0.5	4.3
26	00	2	0.5	4.2
	06	2	0.5	4.1
	12	2	0.5	4.1
	18	2	0.5	3.8
27	00	2	0.5	2.9
	06	1	0.4	2.5
	12	1	0.5	2.3
	18	1	0.5	2.7
28	00	1	0.5	2.9
	06	1	0.7	3.1
	12	1	0.6	3.0
	18	1	0.6	3.0
29	00	1	0.5	2.6
	06	1	0.5	2.7
	12	1	0.6	2.5
	18	1	0.6	2.4
30	00	1	0.5	2.4
	06	1	0.5	2.1
	12	2	0.4	2.3
	18	1	0.4	2.2

I= Very small microseisms

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec
Station : Trivandrum				
01 to 02		Minute		
03	00	Minute		
	06	2	0.55	5.0
	12	2	0.35	4.6
	18	2	Minute	
04 to 07		Minute		
08	00	2	0.85	5.0
	06	2	0.75	5.0
	12	2	0.50	5.0
	18	2	0.60	5.0
09	00	2	0.60	5.0
	06	2	0.65	5.0
	12	2	0.60	5.0
	18	2	0.60	5.0
10	00	2	0.50	5.0
	06	2	0.50	4.0
	12	2	0.50	4.0
	18	2	0.50	4.0
Station : Trivandrum				
11	00	Minute		
	06	2	0.50	3.8
	12	2	0.50	4.0
	18	2	0.60	4.0
12	00	2	0.70	4.0
	06	2	0.60	4.0
	12	2	0.55	4.0
	18	2	0.50	4.0
13	00	2	0.70	4.0
	06	2	0.60	4.0
	12	Minute		
	18	Minute		
14	00	Minute		
	06	2	0.60	4.0
	12	2	0.65	4.0
	18	2	0.50	4.0
15 to 20		Microseism week not measurable		
20		On wards No observation		

K = Character of the disturbance in code

A = Amplitude (Single) of the disturbance in mm

T = Period of the disturbance in sec.

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SEISMOLOGICAL BULLETIN

DEC 1966

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 Constant

Station and abbreviation	Latitude °N	Longitude °E	Height a.s.l. Metres	Lithographic foundation	Instrument	Component	Period in secs. To	Period in secs. Tg	V.max.	Damping Constant h_1	Damping Constant h_2	Paper speed mm/min.
Bhakra	31.25	76.25			Press-Ewing	Z	14.8	98	1500	1	1	30
BHK					Electromagnetic (H)	Z	1	1	5600	1	1	20
						N	1.01	1.17	5500	1	1	20
						E	1.02	1.15	5600	1	1	20
Bokaro	23.47	85.53		Rock	Press-Ewing	Z	15	100	-	-	1	15
BOK						N	15	100	-	-	1	15
						E	15	94	-	-	1	15
					Sprengnether	E	7.3	7.3	5000	-	1	30
					Wood-Anderson	N	0.8	0.8	940	1		30
						E	0.8	0.8	950	1		30
Bombay	18.54	72.49		Deccan Trap	Milne Shaw	N	12		250	0.7		8
BOM						E	12		250	0.7		8
					Sprengnether	E	7.3	7.3	5000		1	30
					Benioff	Z	1.0	0.2	-	-		30 for LP
							1.0	87.0				Galvanometer 60 for SP
Calcutta	22.32	88.20	7 Milne Shaw 6 Omori-Ewing	Alluvium	Milne-Shaw	E	12		250	0.7		8
CAL					Omori-Ewing	E	19		30	-		25.4
						N	15		32	-		25.4
Chatra	26.50	87.10	161	Sand stone	Sprengnether	N	7.0	7.0	1000		1	30
CHA					Benioff	Z	0.72	0.45	-	-	1	60
					Wood-Anderson	N	0.8		1000	1		30
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	1		16
						E	12		250	1		16
				Wenner Accelerograph		ZNE	0.1		50	0.6		600
Delhi	28.41	77.12	207	Massive Quartzite	Sprengnether	E	7.6	7.6	5000		1	30
NDI					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.76	50K for TE=1 sec.		1	60
						N	1.0	0.76	50K for TE=1 sec.		1	60
						E	1.0	0.77	50K for TE=1 sec.		1	60
					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs.		1	30
						N	15	100	1500 for TE=15 secs.		1	30
						E	15	100	1500 for TE=15 secs.		1	30
Dehra Dun	30.19	78.03	682	Gravel	Wilson-Lemison	Z	1.3	1.3	-	1	1	60
DDI					Wood-Anderson	N	0.8		970	1		30
						Z	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
					Sprengnether	Z	15	100	1500 for TE=15 secs.	1	1	30
Goa	15.29	73.49		Laterite	Sprengnether	Z	1.5	1.5	-		1	30
GOA						E	7.4	7.4	5000		1	30
						N	7.5	7.5	5000		1	30
Hyderabad	17.26	78.27	536	Granite	Milne-Shaw	E	12		250	0.7		8
HYD						N	12		250	0.7		8
Kodaikanal	10.14	77.28	2345	Rock	Benioff(SP)	Z	1.0	0.75	50K for TE=1 sec.		1	60
KOD						N	1.0	0.75	50K for TE=1 sec.		1	60
						E	1.0	0.75	50K for TE=1 sec.		1	60
					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs.		1	30
						N	15	100	1500 for TE=15 secs.		1	30
						E	15	100	1500 for TE=15 secs.		1	30
Madras	13.00	80.11	15		Milne-Shaw	E	12		250	0.7		8
MDR					Sprengnether	E	7.4	7.4			1	30
Poona	18.32	73.51	560	Deccan Trap		Z	1.5	1.5			1	60
POO					Benioff (SP)	Z	1.0	0.75	50K for TE=1 sec.		1	60
						N	1.0	0.75	50K for TE=1 sec.		1	60
						E	1.0	0.75	50K for TE=1 sec.		1	60
					Sprengnether (LP)	Z	15	100	1500 for TE=15 secs.		1	30
						N	15	100	1500 for TE=15 secs.		1	30
						E	15	100	1500 for TE=15 secs.		1	30
Port Blair	11.40	92.43			Milne-Shaw	E	12		250	0.7		8
PBA					Wood-Anderson	N	2.0		890	0.7		30
						E	0.8		840	0.8		30
Sehore	23.10	77.05			Benioff	Z	1.2	1.5			1	30
SEH					Wood-Anderson	N	0.8		860	1		30
						E	0.8		950	1		30
Shillong	25.34	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff(SP)	Z	1	0.75	200K for TE=1 sec		1	60
SHL						N	1	0.75	200K for TE=1 sec		1	60
						E	1	0.75	200K for TE=1 sec		1	60
					Press-Ewing (LP)	Z	15	100	3000 for TE=15 secs		1	30
						N	15	100	3000 for TE=15 secs		1	30
						E	15	100	3000 for TE=15 secs		1	30
					Sprengnether	E	6.7	6.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
				Wenner Accelerograph		Z,N,E	0.1		Nearly 50	0.6		600
Tocklai	26.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000	1		60
TOC												
Trivandrum	8.29	76.57		Decomposed Laterite	Sprengnether	E	7.1	7.1	2500		1	30
TRV												
Visakhapatnam	17.43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
VIS					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
				Electromagnetic (S.P.)		Z	1.65	1.65	6000	1	1	60

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
01	NDI	e	00	37	32		
	KOD	i	00	37	35.6	DN	
		e		37	36.0		
01	Epc: 0.1°N, 125.6°E, H = 00h 32m 31.8s. = 12.3 Kms, Mag. 5.3 (CGS).						
01	SHL	iP	00	40	03	CSW	
01	KOD	iP	00	41	04	DNE	
		e		41	05		
		i		41	05.2		
	POO	eP	00	41	40		
	NDI	eP	00	41	41		
	SHL	iP	04	41	11	DSE	2.3
		iS		41	40		
01	Epc: 60.1°N, 146.4°W H = 04h 29m 23.3s Depth 38 Kms. Mag. 4.6 (CGS).						
	CHA	iP	04	41	47	D	
	DDI	eP	04	41	47		
		i		41	58		
	NDI	eP	04	41	54		
01	EPC: 14.0°S, 167.1°E, New Hibrides Islands felt. H = 04h 56m 58.2s. Depth 132 Kms. Mag. 6¾(Pas), 6.4-6.6(BRK) 6.1 SD 0.5 (CGS).						
	PBA	iP	05	08	45	CS	79.0
		iS		18	31		
	TOC	iP	05	09	06		82.2
		eS		19	08		
	SHL	iP	05	09	12	CNW	83.4
		PP		12	23		
		PPP		14	17		
		iS		19	20		
		PS		20	10		
		PPS		20	33		
		SS		24	35		
		SSS		27	56		
	CAL	eP	05	09	26	S	
		i		19	31		
	CHA	iP	05	09	33	CNW	87.5
		SKS		19	48		
	VIS	iP	05	09	35	D	89.5
		iSKS		19	49		
				20	12		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
	BOK	iP	05	09	37	CW	87.5
		eSKS		19	52		
		SeS		20	09		
		i		25	10		
	MDR	iPKP	05	09	47	C	91.0
		i		10	15		
		SKS		20	08		
		iS		20	31		
	KOD	iP	05	09	56	CW	93.5
		i		13	16		
		PPP		15	11		
		i		20	08		
		iSKS		20	19		
				20	23		
		i		20	26		
	DDI	eP	05	10	13		96.5
		iS		20	38		
	NDI	iP	05	10	13	C	96.5
		i		14	52		
		SKS		20	38		
	POO	iP	05	10	18	C	98.5
		eSKS		20	44		
		i		23	04		
	BHK	iP	05	10	20		
		i		14	48		
		i		23	07		
	EOM	iP	05	10	23	CW	99.5
		e		13	34		
		ePP		14	21		
		iSKS		20	50		
		e		21	33		
01	DDI	iP	05	35	15	D	
01	SHL	iP	07	35	32	CN	
01	SHL	iP	07	42	06	D	
	BOK	e	08	09	39		
01	SHL	iP	11	02	22	DNE	
	CHA	iP	11	03	23.2	C	6.5
		S		04	39.1		
01	SHL	iP	11	45	36	DE	
	KOD	iP	11	47	00.2	DSE	
		e		47	00		
01	SHL	iP	15	13	34	CN	
01	SHL	iP	15	22	36	CS	
01	BHK	e	15	34	04		
01	SPT	eP	16	00	57		
01	BHK	i	16	21	36		
01	SHL	iP	16	22	29	DNW	
01	Epc: 37.0°N, 73.3°E, H = 16h 51m 50.5s, depth = 218 Kms Mag. 4.3 (CGS).						

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
01	DDI	eP	16	53	40		8.1
		eS		55	10		
	NDI	iP	16	53	56		9.3
		iS		55	38		
	SHL	eP	16	56	02		
	POO	eP	16	59	54		
01	Epc: 41.6°N; 139.6°E, H = 18h 56m 23.1s. Depth = 173 Kms. Mag. 5.4 (CGS).						
	TOC	iP	19	03	45		
	SHL	iP	19	04	01	DSW	
	CHA	iP	19	04	27	D	45.0
		S		10	52		
	DDI	iP	19	05	04	C	
01	NDI	iP	19	05	14	DNE	
	MDR	i	19	06	05	DW	
	POO	iP	19	06	13	D	
	BOM	eP	19	06	18		
	KOD	iP	19	06	31	DSW	
		i		06	31.5		
01	NDI	iP	19	12	20	DSW	
01	TOC	iP	23	43	32		
	SHL	iP	23	43	33	CSE	
	CHA	iP	23	44	33	D	8.5
		S		46	10		
	KOD	iP	23	47	21	CNW	
		i		47	21.2		
02	SHL	iP	02	42	03	DNE	
02	BOM	e	13	12	26		
	NDI	eP	03	12	33		
		e		12	47		
02	POO	eP	03	12	35		
02	DDI	eP	03	12	43		
02	KOD	iP	03	13	55.5	D	
02	BHK	e	03	20	21		
02	PBA	ePg	05	17	17,2		1.1
		iSg		17	31.2		
02	SHL	eP	05	19	17		5.5
		eS		20	21		
02	MDR	e	05	20	00		
		e		21	59		
	KOD	iP	05	20	28	CNE	
		i		22	58		
02	NDI	eP	05	21	53		
	POO	eP	05	24	54		
	BHK	e	05	57	47		
02	NDI	eP	07	40	53		
		i		41	32		
02	POO	eP	07	45	52		
02	SHL	iP	07	51	33	CSW	
02	NDI	iP	07	53	13	D	
		i		53	20		
02	BOK	e	08	30	23		
02	BOK	e	09	18	15		
02	Epc: 3.2°N, 128.1°E, H = 09h 31m 17.6s Depth = 92 Kms. Mag. 5.8(CGS).						
	TOC	iP	09	38	48		
	SHL	iP	09	38	58	CNW	
	BOK	iP	09	39	31	CW	46.5
		eS		46	12		
	MDR	iP	09	39	53	CE	49.7
		PP		41	47		
		iS		46	53		
		PPS		47	09		
	KOD	iP	09	40	12	DSW	
		i		40	12.8		
	NDI	iP	09	40	39	SWC	55.2
		iS		48	13		
	DDI	iP	09	40	39		54.4
		iS		48	14		
	POO	iP	09	40	44.5	CW	
	BOM	iP	09	40	51	CW	57.3
		PP		46	57		
		eS		48	36		
	BHK	i	09	48	37		
02	BOK	e	10	09	07		
02	MDR	ePn	15	45	56		1.9
		Sn/Sg		46	21		
		SS		46	29		
	KOD	iPg	15	46	11.5		2.7
		iSg		46	47.2		
	POO	eP	15	48	47		
02	SHL	iPg	15	54	12	DSE	0.8
		eSg		54	22		
02	TOC	iPg	16	47	17		1.0
		Sg		47	30		
	SHL	iPg	16	47	17	DNE	1.2
		iSg		47	32		
	CHA	iP	16	48	15	C	4.9
		i		48	33.3		
		S		49	13		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
02	SHL	iP	18	29	34	DSE	
02	BOM	iPg	23	21	44	C	0.2
02	BOM	iPg	23	47	07	D	0.7
		P*		47	08		
		e		47	12		
		eSg		47	16		
02	SHL	iP	23	55	37	DS	
03	SHL	iPg	04	40	46	CSE	1.1
		iSg		41	00		
03	NDI	iP	04	51	45	NER	
03	KOD	iP	05	09	32	DS	
03	SHL	iP	06	16	06	D	
03	SHL	iP	06	28	28	C	
03	BOK	e	08	24	25		
03	BOK	e	08	40	53		
03	BOK	e	09	09	06		
03	SHL	iP	09	30	01	D	
03	NDI	eP	10	40	46		
03	MDR	e	12	41	18		
		i		52	45		
03	SHL	iPg	13	06	23	CSE	0.5
03	SHL	iPg	13	34	28	CSE	0.5
		iSg		34	35		
03	SHL	iP	14	26	12	D	
03	NDI	iP	14	31	03		
03	POO	eP	14	31	33		
03	NDI	eP	16	01	35		
03	SHL	eP	17	24	42		
03	NDI	eP	18	00	23		
03	NDI	eP	18	01	02		
03	SHL	eP	18	02	33		
03	SHL	iPg	19	29	43	DNE	0.2
		iSg		29	45		
03	SHL	iP	20	17	51	DNW	2.8
		iS		18	25		
03	SHL	eP	21	18	59		
03	SHL	eP	22	14	01		
03	SHL	eP	22	47	04		
03	SHL	eP	23	10	01		
03	SHL	iP	23	39	52	DNE	
03	POO	iPg	23	47	14.9	D	
		e		47	30		
04	SHL	eP	00	56	17		
04	NDI	e	04	09	13		
		i		09	15		
04	SHL	eP	04	14	21		
04	DDI	eP	05	20	47		
	NDI	eP	05	20	59		
04	NDI	eP	06	38	09		
04	SHL	eP	08	39	15		
04	SHL	iP	09	23	28	CSW	
04	SHL	iP	12	15	34	D	
04	NDI	eP	12	17	15		
04	SHL	iP	12	36	15	D	
04	CHA	eP	16	56	15		3.4
		S		56	56		
04	SHL	eP	16	56	38		2.0
		i		57	04		
04	BOK	e	16	58	07		
04	SHL	iPg	18	35	27	DSW	0.6
		iSg		35	34		
	TOC	e	18	36	06		
		i		36	39		
04	CHA	eP	18	36	17.4		5.4
		S		37	20.4		
	BOK	e	18	36	38		
	NDI	e	18	40	31		
		e		42	17		
	POO	e	18	44	35		
04	SHL	iP	21	02	36	D	
04	SHL	iP	22	09	35	D	
04	SHL	iP	22	49	38	CSW	
04	SHL	iP	23	34	18	DSE	
	CHA	iP	23	34	45	D	
	NDI	e	23	35	33		
05	SHL	eP	01	26	23		
05	SHL	iP	02	56	44	D	
05	BHK	e	05	12	08		
05	SHL	eP	07	29	58		
05	NDI	eP	07	31	31		
05	BHK	e	07	51	26		
05	BOK	e	08	39	34		
05	BOK	e	08	52	09		
05	SHL	iP	09	02	07	CSE	1.4
		eS		02	25		
	CHA	eP	09	02	45.4		3.0
		i		02	49.4		
		S		03	22.9		
	BOK	e	09	04	16		
05	NDI	iP	11	10	41	DNW	8.6
		iS		12	20		
05	KOD	iP	11	44	16	CNE	
		e		44	16		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
05	SHL	iP	14	18	54	CW	
05	POO	eP	14	20	51		
05	SHL	eP	15	34	11		
05	SHL	eP	15	48	19	D	
05	SHL	iP	17	47	05	D	
05	SHL	iPg	18	17	38	DNW	0.7
		iSg		17	48		
05	SHL	iPg	18	54	24	CSE	1.1
		iSg		54	38		
05	SHL	ePg	18	56	19		0.9
		eSg		56	30		
05	SHL	iP	19	59	29	CSW	2.8
		eS	20	00	03		
05	SHL	eP	20	24	06		
05	SHL	iP	22	38	52	DNE	
	CHA	e	22	39	23		
	POO	eP	22	41	03		
05	NDI	iP	22	55	23	D	
05	SHL	iP	23	33	13	C	
06	BHK	e	02	33	05		
		i		34	06.2		
		i		34	47.8		
	CHA	iP	02	34	58	D	
	POO	eP	02	35	02		
	SHL	iP	02	35	43	CSE	
		i		39	39		
06	NDI	iPg	04	29	40.0	CS	0.7
		iSg		29	49.5		
06	SHL	iP	04	43	05	D	1.3
		eS		43	23		
06	KOD	iP	05	44	46.5	D	
06	POO	eP	05	44	54		
06	KOD	iP	06	06	09.7	CNE	
		e		06	10		
06	POO	iP	06	30	12.7	C	
06	SHL	iP	07	28	25	DNE	
06	BOK	e	08	23	10		
06	SHL	iP	11	07	55	DSE	
06	NDI	iPg	13	49	17	CSE	0.5
		iSg		49	23		
06	POO	eP	13	50	48		
06	TOC	iP	19	08	24		
	SHL	iP	19	08	47	DSE	
	CHA	iP	19	09	27	D	
		i		11	11		
06	KOD	iP	20	21	24	DSW	
	POO	eP	20	24	02		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
06	POO	eP	21	24	38		
06	NDI	iP	23	32	04	DN	9.0
		iS		33	47		
	POO	eP	23	33	47		
		e		37	50		
	TOC	iP	23	34	11		
	SHL	iP	23	34	18	DNE	
	CHA	i	23	34	58	C	
07	SHL	iP	04	24	36	C	
07	NDI	eP	06	24	55		
	SHL	eP	06	28	11		
07	NDI	iP	06	29	41	D	
07	NDI	iP	06	59	07	C	
07	SHL	iP	07	02	55	C	
	BOK	e	08	08	22		
07	SHL	iP	17	08	21	NW	
	CHA	iP	17	08	54		
	NDI	eP	17	09	54		
	POO	eP	17	10	17		
07	Epc: 44.3°N, 151.7°E, H = 17h 17m 42.0s, depth = 26 Km. Mag. 5.8 (CGS)						
	TOC	eP	17	26	32		
	SHL	iP	17	26	47	NE	
	CHA	iP	17	27	07	D	
	BOK	iP	17	27	26		
	DDI	iP	17	27	40	C	57.4
		eS		35	37.0		
	BHK	iP	17	27	41		
		e		30	03		
07	NDI	iP	17	27	48	DNE	59.2
		eS		35	56		
	MDR	e	17	28	40		
	POO	iP	17	28	45	D	
	BOM	iP	17	28	49	DE	68.8
		eS		37	53		
		e		42	24		
	KOD	iP	17	29	05	CSW	
07	SHL	iP	17	36	02	SW	2.7
		iS		36	36		
07	SHL	iP	21	42	45	NE	
07	SHL	iP	22	20	19	NW	
	CHA	i	22	20	31		
	POO	eP	22	21	44		
07	POO	iP	22	26	42	D	
	SHL	iP	22	27	41	SE	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
07	DDI	iP	23	27	41	C	
07	NDI	iP	23	27	51	DNE	9.1
		eS		38	35		
07	SHL	iP	23	30	09	CNE	
08	NDI	iP	00	13	16	C	
08	SHL	ePg	00	13	35	E	0.6
		iSg		13	43		
08	SEH	i	02	06	09		
		iS		11	46		
		i		11	49		
08	Epc: 29.3°N, 69.9°E West Pakistan, H = 02h 07m 07.4s depth= 37 Km. Mag. 5.1 (CGS)						
	BHK	eP	02	08	37		
		e		10	01		
		i		11	22		
	NDI	iP	02	08	42	DNW	6.4
		PP		08	50		
		PPP		09	02		
		iS		09	56		
		SS		10	05		
		SSS		10	15		
		Sg		10	36		
	DDI	iP	02	08	51	D	6.7
		eS		10	09		
	POO	eP	02	09	49		
	BHK	eP	02	10	38		
		i		13	56		
		i		15	15		
	CHA	iP	02	10	42	C	15.6
		iS		13	36		
		i		15	44		
	SHL	i	02	11	39	DSW	
		eS		15	14		
		e		18	03		
	BOM	e	02	11	57		10.7
		e		12	31		
		e		12	45		
	CAL	i	02	14	22	SW	
		e		16	46		
	VIS	iP	02	16	02		
		e		16	02		
	TOC	e	02	16	20		
	MDR	e	02	16	04		
		e		16	34		
		e		18	10		
08	BOK	e	08	22	23		
08	POO	iP	08	30	35	D	
08	Epc: 42.2°N, 18.9°E, H = 11h 31m 18.0s, depth= 24 Km. Mag. 5.0 (CGS)						
	DDI	iP	11	39	58	D	
	NDI	eP	11	40	00		
	CHA	iP	11	41	03	D	
	KOD	iP	11	41	23.5	DN	
	SHL	iP	11	41	30	CNW	
08	Epc: 0.2°S, 125.3°E, H = 12h 33m 09.5s, depth= 71 Km Mag. 5.4 (CGS)						
	SHL	iP	12	39	43	DSE	
		i		40	47		
	CHA	iP	12	40	16	C	
	KOD	iP	12	40	33.5	CS	
	NDI	eP	12	41	16		
		e		42	26		
	KOD	iP	12	41	48	D	
	DDI	e	12	42	29		
	POO	eP	12	42	31		
	KOD	iP	12	43	14.5	DS	
08	BHK	e	13	03	50		
08	SHL	iP	14	13	45	DSE	
08	SHL	iP	15	13	01	CNW	
		i		16	53		
	CHA	iP	15	13	14	D	
	DDI	eP	15	13	29		
	NDI	e	15	13	40		
	POO	eP	15	14	43		
	KOD	iP	15	15	16.5	DN	
08	BHK	e	15	38	08		
08	BOM	e	15	43	-		
08	SHL	iP	17	06	49	DNE	0.2
		iS		06	51		
08	DDI	e	17	07	01		
		eS		07	40		
	NDI	ePn	17	07	.12		2.7
		eSg		07	20		
		eSn		07	46		
		i		08	00		
	CHA	e	17	07	46		
		i		08	53		
	POO	eP	17	11	26		
08	SHL	iP	17	45	07	DW	
08	SHL	iPg	19	11	45	CS	0.8
		PP		11	48		
		iSg		11	55		
08	CHA	eP	19	12	39		
08	SHL	iP	22	52	21	D	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
08	SHL	iP	23	30	29	CNE	
	DDI	iP	23	30	30	D	
	CHA	iP	23	30	34	D	
09	NDI	e	00	16	46		
09	NDI	eP	04	28	30	D	
09	NDI	eP	04	32	39		
09	SHL	iP	07	18	45	DNE	
09	SHL	iP	07	18	46		1.2
		i		18	57		
		iSg		19	01		
	TOC	iP	07	19	06		
	CHA	eP	07	19	55		5.6
		S		21	01		
09	NDI	eP	07	23	53		
09	SHL	iP	07	34	24	DNE	1.2
		i		34	31		
		iSg		34	39		
09	BOK	e	08	14	20		
09	BOK	e	08	43	29		
09	SHL	iP	15	04	34	D	
09	SHL	iP	16	54	44	C	
	CHA	iP	16	54	58	C	
	NDI	iP	16	55	53	C	
	POO	eP	16	56	18		
09	SHL	iP	17	22	55	CSW	
	CHA	eP	17	23	09		
	BHK	e	17	23	47		
09	NDI	e	19	44	43		
09	SHL	eP	23	33	21		
10	SHL	iP	00	56	14	DNW	
10	POO	eP	05	47	42		
10	SHL	iP	06	45	15	CSW	3.0
		eS		48	00		
10	SHL	iP	07	53	34	D	
10	BOK	e	08	23	21		
10	BOK	e	09	19	34		
10	Epc: 24.2°S, 67.9°W, H = 10h 38m 35.6s, depth= 91 Km. Mag. 5.4 (CGS)						
	POO	iPKP	10	58	01	C	
	KOD	iPKP	10	58	03	CNE	
	DDI	iPKP	10	58	10.8	C	
	NDI	iPKP	10	58	11	D	
	SHL	iPKP	10	58	24	CSE	
10	Epc: 14.3°N, 92.0°W, Glatemala felt at San Salvador H = 13h 06m 32.6s, depth= 70 Km. Mag. 6½ (PAS), 6.5-6.7 (BRK) 5.6 SD 0.7 (CGS)						
	BHK	ePKP	13	25	33		132.5
		PP		28	00		
		i		40	11		
	NDI	ePKP	13	25	45		134.0
		PP		28	20		
	DDI	ePKP	13	25	46		
	SHL	iPKP	13	25	47	DNE	140.8
		PP		28	50		
		i		29	34		
	CHA	eP	13	25	50		
	BOK	iPKP	13	25	52	C	
		i		26	09		
		e		29	03		
	BOM	ePKP	13	26	02		143.2
		ePP		29	16		
		PPP		32	25		
		e		35	05		
		e		41	32		
		SSP		48	32		
		e		54	18		
	POO	iP	13	26	03	C	
		e		29	48		
		e		36	12		
	MDR	e	13	26	18		
		i		26	25		
		e		36	58		
		e		50	32		
	PBA	i	13	26	18		
		i		26	29		
	KOD	iPKP	13	26	20.0	DN	
		i		26	20		
		i		29	56		
		i		36	40		
10	SHL	iPg	15	03	34	CSE	0.7
		iSg		03	43		
10	Epc: 41.0°N, 33.5°E, Turkey Felt in North Central Turkey, H = 17h 08m 32.2s, depth = 13 Km. Mag. 4.9 (CGS)						
	DDI	eP	17	15	44		
	NDI	iP	17	15	47	D	
	POO	eP	17	16	16		
	CHA	iP	17	16	57	C	
	KOD	iP	17	17	23	CSW	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
10	SHL	iP	17	17	29	CSE	
10	SHL	iP	17	39	51	CNW	4.9
		iS		40	49		
10	Epc: 3.6°S, 145.4°E, Near North coast of New Guinea H = 18h 08m 14.4s, depth= 33 Km. Mag. 6-6¼ (PAS), 5.8-6.2 (BRK) 5.7 SD 1.5 (CGS)						
	TOC	iP	18	18	12		
	SHL	iP	18	18	15	DSE	60.5
		PP		20	25		
		iS		26	30		
		SS		30	26		
		SSS		33	08		
	CHA	eP	18	18	48		65.2
		iS		27	31		
	BOK	iP	18	18	51	C	64.7
		PP		21	19		
		PPP		22	46		
		iS		27	31		
		PS		27	49		
		PPS		27	58		
		ScS		28	36		
		SS		31	50		
	MDR	eP	18	19	14		66.8
		PPP		23	18		
		eS		28	06		
		PS		28	27		
		PPS		28	38		
		SKS		29	08		
	KOD	iP	18	19	22	CW	69.6
		PcP		19	44		
		PP		22	03		
		PPP		23	41		
		iS		28	30		
		PS		28	58		
		PPS		29	10		
		SKS		29	13		
		ScS		29	16		
	DDI	eP	18	19	40		72.8
		iS		29	06		
	NDI	eP	18	19	42		73.0
		PcP		19	54		
		eS		29	09		
		PS		29	53		
	POO	eP	18	19	47		74.2
		eS		29	20		
10	BHK	i	18	19	51		
		e		45	01		
	BOM	eP	18	19	55		75.0
		e		20	02		
		PP		22	46		
		e		23	07		
		PPP		24	30		
		eS		29	33		
		e		29	45		
		PS		30	09		
		PPS		30	24		
10	NDI	eP	21	55	36		
		i		57	39		
	CHA	eP	21	56	39		
	PBA	e	21	56	57		
10	KOD	iP	22	02	37	CSW	
		i		02	38		
	POO	eP	22	02	50		
10	PBA	e	22	04	13		
10	CHA	eP	22	45	45		
11	SHL	iP	05	47	34	DNW	3.2
		iS		48	13		
11	KOD	iP	07	19	34	D	
11	KOD	iP	07	19	44.3	C	
11	NDI	eP	10	30	52		
11	DDI	eP	10	30	57		
		i		31	31		
		e		33	10		
11	SHL	iP	10	33	49	DW	
11	POO	eP	10	35	09		
11	KOD	iP	10	40	20	DNW	
11	SHL	iP	17	47	11	CSE	
11	SHL	iP	18	09	37	CSW	
11	SHL	iP	19	55	55	CNE	
	DDI	eP	19	56	53		
		i		02	42		
	NDI	iP	19	57	03	CSW	
	POO	eP	19	58	01		
11	NDI	ePg	19	59	32.5		0.4.
		iSg		59	37.5		
11	SHL	iP	20	01	15	CSE	
	CHA	iP	20	01	47	D	
	BOK	e	20	01	59		
11	MDR	eP	20	02	41		64.0
		eS		11	17		
		e		27	33		
	KOD	iP	20	03	02	CNE	
	BOM	eP	20	03	06		
		e		12	28		
	POO	eP	20	03	11		
11	BHK	eP	20	12	50	C	
		i		19	07		
	SHL	iP	20	12	57	D	
	POO	eP	20	14	21		
11	SHL	iP	20	17	31	CSW	
	CHA	iP	20	18	01	D	
	NDI	iP	20	19	01		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
11	KOD	iP	20	19	14	DNE	
	POO	iP	20	19	25	D	
11	SHL	iP	21	02	45	D	
11	CHA	iP	21	03	17	D	
11	SHL	iP	22	02	49	DNE	
	TOC	iP	22	03	03		
	CHA	eP	22	03	42		
		e		04	00		
		e		05	09		
11	SHL	iP	22	11	24	CNW	
	TOC	iP	22	11	27		
	CHA	iP	22	12	25	D	
		i		13	39		
		e		13	52		
12	BOK	e	08	20	04		
12	BOK	e	09	30	46		
12	POO	eP	10	47	07		
12	SHL	iP	17	34	14	DSE	
12	BHK	e	19	33	30		
		e		58	25		
12	SHL	iP	22	32	17	DNE	
12	SHL	iP	22	42	42	C	
12	NDI	iP	22	59	47	D	
13	NDI	ePn	06	46	36		1.5
		Sn		46	57		
13	BOK	e	08	01	32		
13	SHL	iPn	09	57	22	D	1.4
		iSn		57	41		
13	SHL	iP	10	18	41	D	
13	SHL	iPg	11	34	48	S	0.2
		eSg		34	50		
13	Epc: 37.3°N, 71.9°E, Afghanistan - USSR border region H = 12h 21m 02.3s, depth=126 Km. (USCGS) Mag. 5.3 SD 0.9 (CGS)						
	BHK	eP	12	22	45		6.7
		i		23	18		
		iS		24	00		
		sP		24	23		
		i		24	46		
D	DDI	eP	12	23	06		8.5
		i		23	08		
		PPP		23	17		
		P*		23	23		
		LQ		24	28		
		sP		24	34		
		iS		24	39		
	NDI	iP	12	23	19	NWR	9.0
		PP		23	27		
		iS		24	59		
		SS		25	11		
	SEH	eP	12	24	24		14.5
		i		24	31		
		eS		27	02		
	CHA	iP	12	24	48		15.7
		S		27	43		
	BOK	e	12	25	07		
		e		28	14		
		e		25	08		
	BOM	iP	12	25	10	CS	17.9
		PP		25	26		
		eS		28	22		
		i		28	46		
	POO	iP	12	25	15	C	18.8
		eS		28	37		
	CAL	eP	12	25	35	W	
	SHL	iP	12	25	35	CSE	21.0
		iS		29	18		
	VIS	eP	12	25	45		
		i		30	08		
	GOA	eP	12	25	48		
	TOC	iP	12	25	48		
	MDR	eP	12	26	20		25.8
		eS		30	38		
		e		31	36		
	KOD	iP	12	26	39.0	DNW	
	PBA	iP	12	27	19	C	
13	SHL	iP	12	48	11	DNW	
13	CHA	iPg	16	04	55.4	D	1.3
		Sg		05	12.9		
13	SHL	iP	16	06	04	DNE	
13	SHL	iP	17	11	43	C	
13	POO	iPg	19	04	02.3	D	1.3
		iSg		04	19.7		
	BOM	ePn	19	04	11		1.9
		P*		04	12		
		iSn		04	36		
	KOD	iP	19	06	09.2	N	8.2
		iS		07	43.5		
	MDR	e	19	07	28		
		e		07	34		
	NDI	e	19	09	46		
	CHA	eP	19	11	46		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S	/	Deg.
13	SHL	ePg	20	22	35	E	0.6
		iSg		22	43		
13	SHL	iPg	21	39	05	CNE	0.6
		iSg		39	13		
13	NDI	e	23	15	25		
13	SHL	iPg	23	43	22	DNE	0.5
		eSg		43	29		
	CHA	iP	23	44	25	D	
14	NDI	eP	03	09	55		
14	NDI	e	03	12	07		
14	NDI	e	03	12	25		
14	SHL	iP	03	54	49	DNW	
14	NDI	i	03	55	22		
	P00	iP	03	56	15.3	D	
14	P00	eP	07	12	08		
14	NDI	e	07	37	13		
14	NDI	eP	07	37	29		
14	NDI	i	07	37	39		
14	NDI	i	07	37	52		
14	NDI	e	07	38	41		
14	NDI	i	07	39	09	D	
14	NDI	i	07	39	47		
14	NDI	i	07	43	31		
14	NDI	e	08	59	26		
14	SHL	iP	11	12	10	CNE	
14	NDI	iP	11	13	31		
14	P00	iP	11	14	25	C	
14	Epc: 45.6°N 26.4°E. H = 14h 49m 59.8s Depth = 158 Kms. Mag. 4.8 S.D. 0.5 (CGS).						
	NDI	iP	14	57	47	CSE	
	P00	iP	14	58	22	C	
	SHL	iP	14	59	19	CSE	
	KOD	iP	14	59	24.3	CSE	
		i		59	24.5		
14	CHA	e	16	01	52		
14	NDI	i	16	23	29		
14	NDI	e	17	09	51		
		i		11	37		
		i		11	43		

DATE	STN	PHASE	H.	M.	S.	△	Deg.
14	P00	eP	17	14	34		
14	SHL	iPg	17	22	17	CNE	0.3
		iSg		22	21		
14	SHL	eP	17	25	38		
14	TOC	iP	17	53	05		
	SHL	iP	17	53	07	DNE	
14	CHA	eP	17	53	49.5		
		i		54	47.5		
		i		55	03		
14	SHL	iP	19	37	13	DNE	
	CHA	eP	19	37	44		
	P00	eP	19	38	37		
	NDI	eP	19	38	44		
14	Epc: 4.8°S, 143.9°E, New Guinea H= 21h 07m 52.1s. Depth = 74 Kms. Mag. 6¼-6½(pas), 6.3-6.7(Brk) 6.0 S.D. 1.2 (CGS).						
	PBA	eP	21	17	10		
	TOC	iP	21	17	39		
	SHL	iP	21	17	47	CSW	60.2
		PcP		18	27		
		iS		25	52		
		PS		26	00		
		PPS		26	12		
		ScS		27	14		
	CAL	iP	21	18	07	NE	
		iS		26	22		
	CHA	iP	21	18	17	CNW	64.2
		S		26	48		
		i		27	16		
		ScS		28	10		
	BOK	iP	21	18	21	CW	64.2
		PP		20	44		
		PPP		22	12		
		PcS		22	47		
		iS		26	52		
		PS		27	12		
	VIS	iP	21	18	27	DW	65.0
		iPP		21	01		
		ePPP		22	26		
		iS		27	02		
		i		27	07		
		PS		27	27		
	MDR	iP	21	18	31	CE	66.8
		PP		20	55		
		PPP		22	25		
		iS		27	17		
		PS		27	34		
		PPS		27	46		

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DATE	STN	PHASE	H.	M.	S.		Δ Deg.
	Cont.						
14	MDR	SKS/ ScS	21	28	27		
		LQ		35	08		
	KOD	iP	21	18	47	CNW	69.0
		i		18	47		
		PcP		19	11		
		PP		21	22		
		PPP		22	58		
		PcS		23	10		
		iS		27	45		
		PS		28	10		
		PPS		28	23		
		SKS		28	34		
		ScS		28	37		
		SS		32	08		
		SSS		35	09.		
	SEH	eP	21	19	05		72.2
		e		28	21		
		e		28	44		
	DDI	iP	21	19	09	D	73.3
		iS		28	32		
	NDI	iP	21	19	11	WC	72.8
		i		19	14		
		i		19	37		
		iS		28	32		
	POO	iP	21	19	16	CW	73.4
		iS		28	39		
	BOM	eP	21	19	21		74.6
		i		19	23		
		e		19	39		
		PP		22	07		
		iS		28	50		
		e		29	15		
		ScS		29	29		
	BHK	iP	21	19	23	C	72.7
		PP		22	07		
		eSKS		28	41		
14	NDI	ePg	23	18	29		0.4
		eSg		18	34		
15	POO	eP	01	52	54		
15	Epc: 21.7°N, 94.5°E, Burma H = 02h 08m 03.0s, deptb 81 Kms. Mag. 5.7 S.D. 0.7 (CGS).						
	SHL	iP	02	09	13	DSE	4.3
		iS		10	04		
	TOC	eP	02	09	24		
	BOK	iP	02	09	59	E	7.3
		PP		10	09		
		PPP		10	14		
		i		10	56		
		LQ		11	17		
		iS		11	23		
		SS=LR		11	35		
15	BOK	SSS	02	11	44		
	CHA	iP	02	10	03.1		7.8
		eP		10	04.4		
		S		11	32.7		
		SSS		11	56.9		
		i		12	10.5		
	PBA	iP	02	10	22	NE	
	VIS	iP	02	10	38	DW	11.2
		eP		10	38		
		iPP		12	26		
		ePS		17	30		
		eSS		20	40		
	MDR	iP	02	11	42	W	14.6
		PP		11	47		
		PPP		11	58		
		LQ		14	22		
		iS		14	26		
		SS		14	40		
		SSS		14	48		
		LR		14	56		
		M		16	07		
	SEH	iP	02	11	47	E	
		i		14	31		
		i		14	35		
		i		14	52		
		i		15	04		
	NDI	iP	02	11	55	NWC	15.8
		PP		12	08		
		i		12	13		
		PPP		12	16		
		i		12	24		
		i		12	39.5		
		i		12	41		
		i		12	44		
		LQ		14	47		
		iS		14	52		
		SS		15	09		
		i		15	20		
	DDI	eP	02	11	56.4		15.5
		iS		14	49.5		
	PBA	ePg	02	12	06.4		0.3
		eSg		12	09.4		
	BHK	eP	02	12	18		
		i		12	39		
		i		15	38		
		e		15	50		
	POO	iP	02	12	27	EN	
		i		16	12		
	GOA	eP	02	12	29		
	KOD	iP	02	12	29	DSW	19.9
		i		12	29.5		
	BOM	iP	02	12	35	NE	19.5
		PP		12	43		
		PPP		13	03		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
15	BOM	i	02	14	27		
		iS		16	09		
		SSS		16	50		
	KOD	PP	02	12	51		
		PPP		12	59		
		iS		16	08		
		i		16	10		
		LQ		16	15		
		SS		16	38		
		PcP		16	44		
		SSS		16	51		
		LR		17	16		
		M		18	40		
		PcS		20	17		
		ScS		23	53		
15	NDI	iP	03	16	54	CSW	8.5
		iS		18	31		
15	SHL	iP	04	44	43	CSW	
15	NDI	e	05	55	22		
15	NDI	e	05	58	09		
15	NDI	e	06	00	52		
15	NDI	e	06	01	33		
15	NDI	e	06	04	05		
15	NDI	e	06	04	29		
15	NDI	i	06	06	06		
15	NDI	e	06	08	20		
15	NDI	i	06	10	06		
15	NDI	e	06	15	40		
15	NDI	e	06	16	49		
15	NDI	ePg	07	44	22.5		1.3
		eSg		44	39.5		
15	BOK	e	07	54	09		
15	KOD	iP	09	08	46.5	CE	
		i		08	48		
15	BOM	iPg	09	42	15	C	0.3
		eSg		42	20		
15	POO	iPg	09	42	24.4	D	0.7
		iSg		42	34.4		
15	BOK	e	09	51	13		
15	PBA	i	10	31	47		
15	SHL	iP	12	13	08	DS	
15	POO	eP	13	43	50		
15	CHA	iPg	13	57	15	C	0.8
		Sg		57	25		
15	SHL	iP	14	42	25	D	
15	CHA	iP	14	42	55	D	

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
15	POO	eP	16	53	00		
15	SHL	iP	16	55	33	CNE	
15	CHA	eP	18	42	19		
15	Epc: 29.6°N, 80.8°E, H = 19h 43m 56s (New Delhi).						
15	DDI	eP	19	44	39		2.0
		eS		45	05		
	NDI	eP	19	44	49		3.2
		PP		44	56		
		iS		45	27		
		SS		45	39		
	CHA	eP	19	45	29		6.3
		eS		46	42		
	SHL	iP	19	46	26	CSE	
	BOK	e	19	46	58		
	POO	eP	19	47	04		
15	SHL	iPg	22	05	19	DNW	0.6
		eSg		05	28		
16	NDI	eP	03	02	07		11.1
		eS		04	13		
16	NDI	e	03	40	10		
16	SHL	eP	03	46	32		0.8
		iSg		46	42		
16	SHL	iP	03	59	49	CSE	1.5
		iS	04	00	10		
16	CHA	iPg	04	00	11.7		2.4
		PPP		00	19.7		
		Sg		00	43.7		
		SSS		00	57.2		
16	POO	eP	04	03	15		
16	DDI	i	04	39	13.2		
16	SHL	iP	04	50	11	DSW	1.4
		iSg		50	30		
16	NDI	eP	06	19	58		9.4
		eS		21	45		
16	BOK	e	08	00	20		
		i		00	48		
16	NDI	e	08	20	36		
16	BOK	e	08	37	36		
16	BOK	e	08	52	29		
16	BOK	e	09	17	34		
16	BOK	e	09	20	22		
16	SHL	iP	13	26	21	CS	
16	NDI	iP	15	19	08		5.7
		iS		20	16		
16	POO	eP	15	23	32		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
16	TOC	iP	16	30	54		
	SHL	iP	16	31	00	CSW	
	CHA	iP	16	32	01	D	6.7
		S		33	19		
16	SHL	iPg	20	48	35	DSE	0.2
		iSg		48	38		
16	Epc: 29.6°N, 81.0°E, Nepal, H = 20h 52m 13.5s. Depth = 9 Kms. Mag. 5.9 S.D. 0.8 (CGS)						
	DDI	iP	20	53	07	D	2.8
		eS		53	32		
		i		54	07		
		i		54	25		
	NDI	iPn	20	53	09	DNE	3.1
		iSn		53	47		
	BHK	eP	20	53	23.2		4.0
		P*		53	30.4		
		i		53	40.2		
		iSg		54	32.2		
	CHA	iP	20	53	49	CSE	6.0
		i		54	14.2		
		i		54	46.5		
		LQ		54	49.6		
		i		54	55		
		S		54	59.1		
		SS		55	12.4		
		S*		55	20		
		i	21	00	40		
	BOK	eP	20	54	04		6.7
		PP		54	09		
		PPP		54	21		
		iS		55	22		
		SS		55	36		
	SEH	iP	20	54	03	W	6.6
		iS		55	19		
		i		55	22		
	SHL	iP	20	54	46	DNE	10.4
		LQ		56	34		
		iS		54	44		
	VIS	eP	20	55	08		10.8
		iPP		55	18		
		iPPP		55	26		
		iS		57	11		
		SS		57	23		
	TOC	iP	20	55	12		10.3
		eS		57	09		
	POO	eP	20	55	13		11.7
		iS		57	26		
16	BOM	iP	20	55	16	DNE	12.3
		i		55	18		
		PP		55	26		
		LQ		57	29		
		iS		57	35		
		i		57	39		
		SS		57	50		
	MDR	eP	20	56	05		15.5
		PP		56	18		
		PPP		56	29		
		LQ		58	54		
		iS		58	58		
	KOD	iP	20	56	44	RSE	18.2
		e		56	44		
		PP		57	00		
		PPP		57	09		
		iS	21	00	05		
		LQ		00	08		
		SS		00	31		
		SSS		00	44		
	PBA	iP	20	57	04	CS	21.2
		PP		57	25		
		PPP		57	45		
		i		00	48		
		iS		00	56		
16	NDI	e	21	58	44		
		e		59	12		
	CHA	eP	21	59	13		
16	Epc: 29.7°N, 81.0°E, Nepal India border. H=22h 12m 49.2s, Depth = 5 Kms. Mag. = 5.4 S.D. 1.2 (CGS).						
	DDI	iP	22	13	37	D	2.5
		eS		14	09		
		iSg		14	16		
	NDI	ePn	22	13	45		3.0
		Pg		13	56		
		Sn		14	22		
	CHA	iP	22	14	26	C	
		i		15	28		
	BOK	e	22	14	41		
		i		16	44		
	SHL	iP	22	15	23	CNE	9.8
		iS		17	15		
	POO	eP	22	15	51		
	BOM	e	22	16	05		
		e		18	38		
		e		19	39		
	KOD	iP	22	17	24.6	RNW	
		e		17	25		
		i		17	25.3		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
16	NDI	e	22	43	12		
		e		43	38		
16	KOD	iP	23	55	26.5	DSW	
17	KOD	iP	00	17	38.3	DW	
		i		17	39		
17	DDI	eP	00	43	35		2.7
		eS		44	08		
	NDI	iPn	00	43	43.5	D	3.2
		iPg		43	55		
		iSn		44	22		
	SHL	iP	00	45	22	DW	9.8
		eS		47	14		
	POO	eP	00	45	49		
	BOM	e	00	49	19		
	NDI	i	03	02	13		
		e		03	52		
	NDI	i	06	09	41		
	SHL	iP	06	10	28	DS	
	POO	eP	06	10	33		
17	KOD	iP	06	11	25	C	
17	SHL	iP	06	54	50	DE	
	KOD	iP	07	55	50,2	DE	
	POO	eP	07	56	22		
	NDI	i	07	56	23.5		
17	BOK	e	08	21	35		
17	BOK	e	08	58	54		
17	SHL	iP	09	51	47	CE	2.2
		iS		52	15		
17	NDI	e	11	33	49		
17	NDI	e	11	33	58	C	
17	NDI	e	12	43	50		
		e		44	16.5		
		e		44	18		
		e		44	26		
		e		44	35		
		e		44	36		
17	SHL	iPg	13	42	28	CSE	0.9
		iSg		42	40		
17	NDI	i	14	57	32.5		
17	NDI	e	15	12	44		
17	NDI	i	16	59	26.5		
		e		59	52.0		
		i		59	53.5		
17	BOM	e	17	44	-		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
17	POO	iP	18	00	46.5	D	
	KOD	iP	18	00	50	CE	
	NDI	e	18	00	54		
		e		00	58		
	NDI	i	18	01	15		
17	NDI	e	18	32	08		
17	NDI	e	18	32	20		
		e		32	46		
		e		32	48		
		e		33	04		
17	NDI	ePn	18	54	15		3.1
		eSn		54	53		
17	NDI	e	19	05	19		
17	NDI	e	23	41	20		
18	CHA	ePg	00	44	26.4		0.7
		Sg		44	35.4		
18	NDI	i	01	08	08		
18	CHA	iPg	01	17	10.6	C	1.3
		Sg		17	27.6		
18	SHL	iP	03	46	17	CNE	3.5
		eS		47	00		
18	Epc: 49.9°N, 77,7°E, H = 04h 57m 57.8s, depth = 0 Km. Mag. 5.9 S.D. 0.8(CGS).						
2	DDI	iP	05	02	26.6		
	NDI	iP	05	02	46.4	CS	
	CHA	iP	05	03	19		
	SHL	iP	05	03	40	CSE	28.9
		eS		08	30		
	POO	iP	05	04	22.7	C	
	KOD	iP	05	05	33	CE	
18	BOM	iP	05	14	20	C	
18	SHL	iP	06	32	24	DNW	
18	SHL	iP	06	44	46	DNE	
18	NDI	e	07	50	16		
18	SHL	iP	07	51	56	D	
18	SHL	iP	08	47	39	C	
18	PBA	iPg	09	59	16		0.7
		iSg		59	25		
18	SHL	iP	08	00	09	D	
18	Epc: 10.5°S, 161.4°E, H = 09h 48m 22.9s, h = 50 Kms. Mag. 5.3 (CGS).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
18	MDR	eP	10	02	09		
		e		04	17		
	KOD	iP	10	02	44	CW	
	POO	eP	10	03	32		
	NDI	e	10	04	03		
		e		04	19		
	BOM	e	10	06	53		
		e		08	33		
		e		08	54		
18	SHL	iPg	10	15	11	DS	0.2
		iSg		15	14		
18	POO	eP	10	17	09		
18	BOM	e	11	40	05		
18	SHL	iP	13	44	26	CE	
18	SHL	iP	19	38	56	CNW	
18	SHL	eP	21	05	24		2.1
		iS		05	51		
18	NDI	ePn	22	18	54		3.1
		Sn		19	21		
18	Epc: 29.6°N, 81.0°E, Nepal India Border. H = 22h 42m 38.3s. Depth = 25 Km (USCGS) Mag. 5.0 S.D. 1.6(CGS).						
	DDI	eP	22	43	22		
	NDI	iPn	22	43	32	DNE	3.1
		P*		43	37		
		Pg		43	43		
		iSn		44	10		
		S*		44	17		
	BHK	e	22	44	04		
		e		44	49		
	CHA	iP	22	44	12	D	6.1
		eS		45	23.5		
		i		45	57		
	SHL	iP	22	45	09	DNW	9.9
	POO	eP	22	45	37		
		e		47	49		
	SEH	eS	22	45	40		
		i		45	43		
		i		46	08		
		i		46	44		
	BOM	e	22	45	43		
		e		47	43		
		e		49	22		
	CAL	e	22	47	55		
	KOD	iP	22	50	34.5	RE	
18	KOD	iP	23	26	18	D	
	POO	eP	23	26	19		
	NDI	e	23	26	33		
19	SHL	iP	00	20	23	DW	
19	BHK	e	01	30	20		
19	SHL	iP	04	29	56	CNE	
	NDI	i	04	31	17		
19	BOK	e	08	17	57		
19	KOD	iP	08	23	47	CNE	
		e		23	48		
19	DDI	eP	08	53	05		
	NDI	e	08	53	30		
		i		54	28		
19	BOK	e	09	07	04		
	SHL	eP	09	08	16		
19	SHL	iP	10	29	48	D	
19	NDI	e	12	57	39		
		e		58	09		
19	SHL	iPg	13	26	53	CNE	1.2
		iSg		27	08		
19	NDI	e	16	30	31		
19	BHK	e	19	01	38		
	DDI	eP	19	47	08		
	NDI	iPn	19	47	18	CSW	3.1
		P*		47	23		
		Pg		47	28.5		
		iSn		47	55.5		
		Sg		48	08.5		
	CHA	iP	19	48	00	D	5.8
		eS		49	08		
	BHK	e	19	48	24		
	SHL	iP	19	48	55	CSE	
	POO	eP	19	49	23		
	BOK	e2	19	49	25		
	BOM	e	19	53	02		
		e		53	20		
19	KOD	iP	21	18	04	RNW	
19	POO	eP	21	20	10		
19	SHL	ePg	21	56	32		0.8
		P		56	34		
		iSg		56	43		
19	SHL	iPg	23	25	31	CE	0.3
		iSg		25	35		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
20	SHL	iP	00	38	22	DNW	
	NDI	i	00	38	28		
	POO	eP	00	39	22		
20	NDI	e	01	09	21		
	SHL	iP	01	09	47	DNE	
	POO	eP	01	10	48		
20	KOD	iP	02	47	55	C	
	BOM	iPg	05	47	19	C	0.2
		e		47	21		
		iSg		47	22		
20	BOM	e	05	47	58		
20	CHA	iPg	05	59	31		1.6
		Sg		59	53		
20	SHL	eP	05	59	53		2.6
		eS	06	00	26		
20	KOD	iP	08	15	29.3	D	
20	BOK	e	08	59	54		
20	SHL	ePP	09	46	54		
20	POO	eP	10	23	37		
20	SHL	iP	12	32	37	DSE	
20	Epc: 26.1°S, 63.2°W, Santiago Del Estero Prov. AGR. H = 12h. 26m 55.0s depth=589 Km. Mag. 6 (PAS), 5.7 SD,0.9 (CGS)						
	SHL	iPKP	12	45	07	CSW	
	POO	ePKP	12	45	09		
		e		48	00		
	BOM	iPKP	12	45	11	CSE	
		i		45	11.2		
		i		52	10.0		
	MDR	iPKP	12	45	23	DE	
		e		48	16		
	SEH	iPKP	12	45	24		
		i		49	05		
	BHK	iPKP	12	45	27	DW	
		i		48	37		
	NDI	iPKP	12	45	27	SW	
		e		56	10		
	DDI	iPKP	12	45	30.3	C	
		i		48	15.0		
	VIS	iPKP	12	45	32		
	CHA	ePKP	12	45	33		
		i		45	44		
		i		55	33		
	BOK	iPKP	12	45	37	D	
		eS		49	02		
20	PBA	iPKP	12	45	41	D	
		i		49	40		
20	SHL	iPKP	12	45	46	DSW	
		i		46	22		
		i		50	03		
20	MDR	eP	12	56	20		41.1
		PPP		58	32		
		eS	13	02	34		
20	Epc: 25.5°N, 142.7°E, H = 13h 07m 47.2s, depth=33 Kms. Mag. 5.0 S.D. 0.4 (CGS).						
	SHL	iP	13	16	07	CSW	
	CHA	e	13	16	38		
20	NDI	eP	15	12	15		6.9
		iS		13	35.4		
	BHK	ePn	15	12	35.6	W	
		e		12	38.6		
	POO	eP	15	17	45		
	CHA	e	15	48	19		
		i		49	26		
	POO	iP	15	48	58.5	D	
	KOD	iP	15	49	14.8	C	
20	Epc: 7.2°S, 126.1°E, H = 16h 20m 05.8s, depth=441 Kms. H = 16h 20m 05.8s, Mag = 5.4 S.D. 1.3 (CGS).						
	SHL	iP	16	27	58	CNW	
20	BOK	iP	16	28	18	CW	
	MDR	iP	16	28	18	CE	44.0
		PP		30	02		
		eS		34	51		
	CHA	iP	16	28	24	C	
		eP		28	24		
20	KOD	iP	16	28	29.5	CSE	
		i		28	30		
20	POO	iP	16	29	11.4	C	
20	BOM	iP	16	29	19	CW	52.5
		iS		33	45		
		PS		33	54		
20	NDI	iP	16	29	21	CNW	
		e		36	49		
20	NDI	eP	16	29	24.8	R	
20	BHK	e	16	29	38		
20	Epc: 14.3°N, 122.1°E, LUZON Philippine Islands. H = 18h 39m 40.3s, depth = 37 Kms Mag. 5.4 S.D. 0.8 (CGS).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
20	PBA	eP	18	45	47		
		e		46	52		
		e		47	10		
	SHL	iP	18	45	51	CNW	29.9
		PP		46	55		
		iS		50	48		
	CAL	e	18	46	30	S	
		iS		51	31		
	CHA	iP	18	46	31	C	34.7
		i		46	39		
		eS		52	01		
	BOK	iP	18	46	41	CW	34.7
		PcP		49	14		
		iS		52	11		
		PcS		52	41		
		SS=LQ		54	41		
		SSS		55	03		
	VIS	iP	18	47	00	C	
	MDR	iP	18	47	28	DW	39.7
		PP		49	08		
		PPP		49	29		
		iS		53	32		
		SSS		56	45		
	DDI	eP	18	47	42		
		i		54	06		
	NDI	eP	18	47	49		42.0
		eS		54	09		
	KOD	iP	18	47	50		45.2
		PP		49	38		
		PPP		50	26		
		PcS		53	16		
		iS		54	30		
	BHK	iP	18	48	02		
		i		49	24		
	POO	eP	18	48	05		46.0
		eS		54	50		
	BOM	iP	18	48	14	D	46.9
		i		48	19		
		e		50	13		
		i		53	38		
		iS		55	05		
		PPS		55	20		
20	SHL	iPg	18	57	04	CE	0.2
		iSg		57	06		
20	SHL	iP	21	59	16	CNE	
	CHA	iP	21	59	46	D	
	NDI	eP	22	00	45		
		i	23	24	07		
	POO	eP	22	01	26		
20	SHL	iPg	22	54	44	CE	0.8
		iSg		54	55		
	CHA	eP	22	55	19		4.6
		P*		55	29		
		S		56	14		
21	NDI	ePn	00	11	40		3.2
		Pg		11	52		
		iSn		12	19		
		eSg		12	32		
	CHA	eP	00	12	20		
		i		13	30		
	SHL	iP	00	13	16	DSE	
	POO	eP	00	16	03		
21	SHL	iP	02	39	13	CSE	
21	SHL	iPg	03	57	26	DW	0.9
		iSg		57	38		
21	NDI	iP	04	14	40.0	D	
21	SHL	iPg	05	39	38	CSE	1.3
		iSg		39	55		
21	SHL	iP	06	37	24	DSE	
21	NDI	e	07	09	45		
21	SHL	iP	07	19	31	DSW	
21	BOK	e	07	52	28		
21	BOK	e	08	29	51		

21 Epc: 20.0°S, 169.7°E,
New Hebrides Islands.
H = 08h 52m 00.2s,
Depth = 245Kms.
Mag. = 5.6 S.D. 0.9(CGS).

	PBA	iP	09	03	55	DS	82.4
		iS		13	50		
	SHL	iP	09	04	25	D	84.5
		iS		14	30		
		ScS		14	50		
	CAL	e	09	04	35		
	CHA	eP	09	04	46		92.0
		SKS		14	48		
	BOK	iP	09	04	46	D	93.0
		eSKS		14	55		
		iS		15	29		
		ScS		15	32		
		PS		16	41		
	MDR	eP	09	04	51		95.0
		SKS		15	07		
		eS		15	42		
		PS		16	50		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
21	KOD	iP	09	05	01	CNW	95.4
		e		05	01		
		PP		08	44		
		PPP		10	42		
		SKS		15	22		
		iS		15	54		
		PS		17	13		
		PPS		22	13		
		SSS		25	46		
	POO	eP	09	05	25		101.8
		eS		16	42		
	NDI	iP	09	05	25	C	103.0
		eSK		15	39		
	BOM	eP	09	05	28		
		e		09	40		
		i		09	45		
		e		16	57		
	BHK	i	09	09	42		
		i		10	46		
21	NDI	iSg	10	09	39.5		
21	SHL	iP	11	45	19	DSE	
	KOD	iP	11	46	43	DNW	
	NDI	eP	11	47	03		
21	SHL	iP	15	20	25	DNW	3.0
		PP		20	33		
		iS		21	02		
21	SHL	iPg	15	23	51	CSE	0.2
		iSg		23	54		
21	SHL	iPg	16	35	56	DNE	1.0
		iSg		36	07		
21	TOC	eP	17	52	18		
	SHL	eP	17	52	35		

21 Epc: 29.4°N, 81.0°E, Nepal India border region.
H = 22h 10m 58.8s,
depth = 31 Kms.
Mag. 5.4 S.D. 1.4(CGS).

	DDI	eP	22	11	43	D	2.6
		eS		12	15		
	NDI	iPn	22	11	52	NER	3.1
		ePg		12	02		
		iSn		12	29		
		Sg		12	43		
	BHK	Pn	22	12	05.6	D	4.0
		Sn		12	56		
		Sg		13	14.4		
	CHA	eP	22	12	34		6.1
		iS		13	45		
21	SEH	eP	22	12	44		6.5
		iS		13	59		
		i		14	03		
		i		14	08		
	BOK	eP	22	12	49		7.1
		iS		14	11		
		i		15	00		
	VIS	eP	22	13	27		
		i		15	33		
	SHL	iP	22	13	30	DNE	9.9
		iS		15	23		
	POO	eP	22	13	57		11.6
		eS		16	09		
	TOC	eP	22	14	00		
	BOM	iP	22	14	00	D	12.0
		i		14	04		
		iS		16	16		
		SS		16	30		
		SSS		16	42		
	MDR	eP	22	14	54		16.5
		PP		15	05		
		LQ		17	42		
		eS		17	58		
	KOD	iP	22	15	32	DNE	
22	NDI	e	03	46	09		
	CHA	eP	05	26	37		
22	NDI	iP	05	28	28	CE	
22	CHA	iPg	09	52	27.5	C	1.2
		Sg		52	42.5		
22	NDI	eP	12	33	02		12.5
		eS		35	23		
	BHK	i	12	34	25		
	POO	eP	12	34	39		
	CHA	iP	12	34	42	C	
	BOK	e	12	34	53		
	SHL	iP	12	35	22	CSE	
22	BOM	ePg	13	00	02		0.2
		e		00	03		
		eSg		00	04		
22	PBA	ePg	15	35	40		0.6
		iSg		35	48		
22	SHL	iP	17	35	10	DE	
22	POO	eP	18	04	01		
22	SHL	iP	19	33	20	CSW	
	CHA	iP	19	33	37	C	

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
22	POO	iP	19	35	13.2	D	
22	KOD	iP	19	35	35.5		
23	NDI	eP	00	41	33		9.2
		eS		43	18		
23	NDI	e	02	30	10		
23	SHL	iPg	06	14	56	CE	13.0
		iSg		15	09		
23	BOK	e	08	04	58		
23	BOK	e	08	09	40		
23	BOK	e		02	06		
23	SHL	iP	14	36	56	DE	
23	SHL	iP	15	02	18	DE	
23	SHL	iP	15	25	51	CSW	6.9
23	Epc: 7.1°S, 148.3°E, East New Guinea Region, H = 15h 50m 20.4s. Depth = 43 Kms. Mag. 6¾(PAS). 7.1-7.3(BRK) 6.4 S.D. 0.6(CGS).						
	PBA	iP	16	00	12	CW	58.2
		i		00	59		
		PP		02	19		
		iS		08	13		
		LQ		14	18		
		LR		16	48		
	TOC	iP	16	00	49		60.3
		eS		09	03		
	VIS	iP	16	00	50	DW	
		iS		09	50		
	SHL	iP	16	00	51	CNW	62.5
		Pi		03	08		
		iS		09	18		
		PS		09	40		
		PPS		09	51		
		LQ		16	42		
	CAL	iP	16	01	06	NW	65.2
		iS		09	49		
	CHA	iP	16	01	19	CNW	67.8
		eS		10	17		
	BOK	iP	16	01	21	CW	67.8
		PcP		01	41		
		PP		03	49		
		PPP		05	33		
		iS		10	19		
		PS		10	41		
		ScS		11	15		
		SS		14	43		
		SSS		17	38		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
23	MDR	iP	16	01	34	CE	69.6
		PP		03	54		
		PPP		05	54		
		iS		10	42		
		PS		11	11		
		SKS		11	31		
		SS		15	09		
		SSS		18	30		
		LQ		19	34		
	KOD	iP	16	01	47	CNW	72.2
		PcP		02	04		
		PP		04	32		
		PPP		06	22		
		iS		11	09		
		SKS		11	40		
		PS		11	42		
		ScS		11	46		
		PPS		11	57		
		SS		15	44		
		SSS		18	52		
	SEH	eP	16	02	03		75.4
		eS		11	43		
	DDI	iP	16	02	09	R	74.8
		iS		11	46		
	NDI	iP	16	02	11	NWC	76.0
		PcP		02	16		
		PS		07	11		
		i		07	19		
		iS		11	54		
		SS		14	19		
	GOA	eP	16	02	14		
	POO	iP	16	02	15		77.0
		iS		12	03		
		SSS		16	53		
	BHK	iP	16	02	20	C	77.2
		i		02	59		
		S		12	09		
		ScS		12	28		
		PS		12	57		
		PPS		13	16		
		SS		17	48		
		SSS		20	07		
		M		35	02		
	BOM	iP	16	02	20	CNW	77.5
		i		02	34		
		e		12	08		
		iS		12	11		
		e		12	26		
		ScS		12	36		
		PS		12	48		
23	Epc: 7.4°S, 74.8°W, H=18h 59m 04.8s, depth = 136 Kms. Mag. = 5.2 S.D. 0.9 (CGS).						

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
23	NDI	iPKP	19	18	29.5		
		i		19	08		
	POO	ePKP	19	18	34		
	SHL	iPKP	19	18	46	DW	
23	POO	eP	21	42	55		
23	NDI	e	22	54	31		
23	NDI	i	22	55	40		
24	POO	eP	00	01	02		
24	KOD	iP	00	01	29	DE	
24	KOD	iP	00	08	12	D	
24	SHL	iP	01	12	30	CNE	
24	NDI	iPn	03	27	51	DE	4.3
		Pg		28	01		
		Sn		28	29.4		
		Sg		28	40		
	CHA	iP	03	28	35	C	
	SHL	eP	03	29	25		
	POO	eP	03	29	57		
	BOK	e	03	30	04		
	BOM	e	03	32	29		
		e		33	34		
24	BOK	e	03	41	25		
	SHL	iP	03	42	42	CNE	
	CHA	e	03	42	57		
	POO	eP	03	45	52		
	BOM	e	03	47	30		
24	NDI	e	06	01	50		
		e		02	18		
24	SHL	iP	06	09	20	C	
24	NDI	e	06	10	50		
24	POO	eP	06	11	31		
24	KOD	iP	06	11	32.5	CE	
		iP		11	33		
24	BOK	e	09	12	51		
24	NDI	iPg	09	41	39.4	SEC	0.4
		iSg		41			
24	NDI	ePn	10	21	59		3.2
		Pg		22	09		
		eSn		22	38		
		Sg		22	50		
	BHK	e	10	23	19.6		
	POO	eP	10	26	20		

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
24	SHL	iPg	13	16	52	CE	1.2
		iSg		17	08		
24	NDI	ePg	13	54	34		0.3
		Sg		54	38		
24	SHL	ePg	16	05	02		0.6
		iSg		05	10		
24	SHL	iP	17	53	23	CSW	
24	CHA	eP	17	54	02		
24	CHA	e	21	07	47		
24	Epc: 59.9°N, 153.4°W, Southern Alaska, H = 22h 28m 59.6s, depth= 113 Km. Mag. 5.1 SD 0.7 (CGS)						
	SHL	iP	22	40	54	CSW	
	CCHA	iP	22	41	01	C	
		e		51	02		
	NNDI	eP	22	41	10		
		e		51	14		
	POO	eP	22	42	02		
	KOD	i	22	46	36	RN	
25	MDR	iP	02	38	49	CE	1.8
		P*		38	50		
		eS		39	13		
		S*		39	14		
	KOD	iP	02	39	04	CSW	
	POO	eP	02	41	40		
25	SHL	iP	04	17	14	CE	
25	Epc: 14.2°N, 53.8°E, H = 05h 41m 57.6s, depth = 33 Km. Mag. 5.0 (CGS)						
	POO	eP	05	46	30		
		e		47	19		
	BOM	e	05	47	07		
		e		50	49		
	KOD	iP	05	48	06	DW	
	MDR	e	05	48	17		
		e		53	16		
	NDI	eP	05	48	19		28.6
		eS		53	07		
	BHK	e	05	48	30		
		i		56	02		
	SHL	eP	05	49	57		
25	Epc:-14.2°N, 53.6°E, H = 05h 49m 47.7s, depth= 33 Km. Mag. 4.8 (CGS)						
	BOM	eP	05	54	10		20.0
		eS		57	50		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
	POO	eP	05	54	21		
	KOD	iP	05	55	00.5	RW	
	SHL	iP	05	57	00	DS	
25	NDI	ePn	06	58	40		2.6
		iSn		59	13		
25	NDI	iP	12	45	47	D	
25	PBA	ePg	13	54	06.2		0.3
		iSg		54	10.2		
25	SHL	iP	14	37	07	CSE	
25	Epc: 37.2°N, 70.1°E, H = 17h 07m 01.4s, depth= 91 Km. Mag. 4.6 (CGS)						
	BHK	e	17	09	03		
		i		10	26		
		i		11	58.0		
	NDI	eP	17	09	27		
		i		09	29		
	CHA	iP	17	11	01	C	
	POO	eP	17	11	19		
	BOK	e	17	11	20		
	SHL	iP	17	11	48	DW	
	KOD	iP	17	12	46	DN	
25	BOM	e	17	16	53		
		e		17	20		
25	MDR	e	17	19	13		
		e		20	38		
25	SHL	iP	20	32	16	CSE	
25	PBA	i	20	43	47.2		
25	Epc: 51.8°N, 176.1°E, H = 23h 03m 22.8s, depth= 47 Km. Mag. 4.6 (CGS)						
	SHL	iP	23	14	12	CSW	
	CHA	iP	23	14	25	C	
	NDI	iP	23	14	50	C	
	POO	iP	23	15	45	C	
25	BHK	e	23	33	30		
26	SHL	iP	01	18	39	DSW	
26	Epc: 35.9°N, 69.9°E, H = 01h 28m 04.3s, depth= 180 Km. Mag. 5.0 (CGS)						
	NDI	iP	01	30	17	NWR	9.3
		iS		31	59		
	BHK	e	01	30	34		
	POO	eP	01	32	04		
	BOK	e	01	32	12		
	SHL	iP	01	32	43	D	
26	SHL	iP	02	42	17	CNE	
26	NDI	e	03	42	40		
26	NDI	e	04	27	24		
26	POO	eP	04	27	52		
26	SHL	iP	05	20	25	CNE	
	POO	eP	05	20	42		
26	POO	ePn	06	44	49		1.9
		iSn		45	14		
26	BOM	e	06	45	11		
		e		45	32		
26	POO	iPn	07	02	35.5	D	1.9
		iSn		03	01.0		
	BOM	eP	07	02	57		
		e		03	07		
		e		03	18		
	KOD	iP	07	07	37	CNW	
26	BOK	e	09	57	06		
26	SHL	iP	10	27	18	C	1.4
		iSg		28	07		
26	BOK	e	10	39	44		
26	BOK	e	12	26	37		
26	CHA	e	14	47	51		
26	SHL	iP	16	47	15	DE	
26	CHA	e	17	29	07		
26	SHL	iP	18	59	12	C	
26	NDI	e	20	49	36		
26	NDI	e	21	34	40		
		e		34	58		
		e		35	51		
27	SHL	iP	01	30	13	D	
	CHA	iP	01	30	40	D	
	BOK	e	01	30	57		
	NDI	iP	01	31	32	NWC	
27	MDR	e	01	32	14		
27	POO	eP	01	32	26		
	BOM	iP	01	32	31	C	
	KOD	iP	01	32	40	DNE	
27	SHL	iP	05	52	22	DNE	
	KOD	iP	05	53	23	DN	
	NDI	iP	05	53	46	DN	

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DATE	STN	PHASE	H.	M.	S.	△ Deg.	
27	POO	eP	05	53	56		
27	BOK	e	08	13	16		
27	BOK	e	08	57	44		
27	POO	eP	10	12	11		
27	PBA	ePg	13	55	45.5	0.3	
		eSg		55	49.0		
27	SHL	ePg	17	26	21	0.9	
		iSg		26	33		
27	SHL	iP	17	39	18	DSE	
	NDI	e	17	40	47		
		i		40	48		
	POO	eP	17	41	18		
27	NDI	i	18	30	32		
27	NDI	e	19	58	46		
	NDI	e	19	58	49		
27	Epc: 13.2°N, 88.8°W, H = 21h 22m 14.8s, depth= 66 Km. Mag. 5.5 (CGS)						
	NDI	iPKP	21	41	31	D	
	SHL	iPKP	21	41	33	DSW	
		i		41	40		
	CHA	ePKP	21	41	37		
	POO	ePKP	21	41	41		
	MDR	ePKP	21	42	00		
		e		45	00		
	KOD	iPKP	21	42	07	RSW	
27	Epc: 21.3°S, 175.6°W, H = 21h 26m 06.5s, depth= 14 Km. Mag. 5.0 (CGS)						
	NDI	iPKP	21	44	57		
	SHL	iPKP	21	45	11	CNE	
	BHK	e	21	45	21		
27	NDI	e	22	28	47		
	BHK	e	22	30	00		
27	BOM	e	22	45	27		
27	SHL	iPg	22	48	55	DW	0.8
		iSg		49	05		
27	SHL	iP	23	47	37	DE	
28	NDI	i	04	03	41		
28	NDI	i	04	03	48		
28	BOK	e	06	15	11		
28	NDI	e	06	29	52		
		e		30	41		
28	SHL	iPg	07	28	17	CS	0.3
		iSg		28	21		
28	Epc: 25.5°S, 70.7°W, Near Coast of Northern Chile Three killed, at least six injured extensive property damage in the Tal Tal area. Felt in northern and Central Chile, Southern Peru and Northern Argentina. A Seiche was recorded at Caldera with an amplitude of 90 cm. H = 08h 18m 07.4s, depth = 47 Km. Mag. 7¾ (PAS), 7.5-7.8 (BRK) 6.9 SD 1.0 (CGS)							
	BHK	i	08	35	38		
		e		37	52		
	BOM	iPKP	08	37	42	C	
		e		41	03		
		iSKS		44	44		
		iSKS					
	POO	iPKP	08	37	44	C	145
		ePP		41	02.0		
	KOD	iP	08	37	45	CNE	
		i		37	46		
		PP		41	01		
		PPP		43	02		
		e		48	24.5		
	DDI	ePKP	08	37	51		
		i	09	00	07.6		
		i		10	57.1		
		i		19	00.1		
	MDR	$ePKP_1$	08	37	51	CW	
		$ePKP_2$		37	55		
		PP		41	11		
		PKS		41	26		
		SKKS		48	14		
		SKKKS		48	41		
	NDI	iPKP	08	37	52	NEC	
		e		37	53		
		PP		41	44		
		i		45	06		
	VIS	ePKP	08	37	56		
	HYD	ePKP	08	37	57		
		i		39	48		
		i		45	21		
	SEH	ePKP	08	37	58		
	BOK	ePKP	08	38	01		
	CHA	iPKP	08	38	04	CN	
		i		42	49		
		i		49	16		
	PBA	iPKP	08	38	07	CNE	
		i		42	43		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	Δ Deg.		DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
29	SHL	iPKP	08	38	07		CSE	29	NDI	iP	06	37	53		C
	CAL	iPKP	08	38	11		SE	29	BOK	i	08	56	38		
	TOC	ePKP	08	38	26					e		56	38		
28	POO	eP	09	14	17			29	NDI	e	09	02	53		
28	POO	eP	09	57	17			29	SHL	iP	10	20	26		CNE
28	NDI	e	10	23	43			29	NDI	iPn	11	27	07		2.1
		i		29	25					iSn		27	34		
28	POO	eP	10	24	42			29	KOD	iP	11	46	28		CS
28	KOD	iP	10	29	14		DS		POO	eP	11	46	30		
28	NDI	i	11	45	18				BOM	e	12	14	14		
28	NDI	e	14	19	15					e		29	34		
		i		20	15					e		36	18		
28	BHK	e	14	19	25					e	13	18	-		
		i		19	28				SHL	iP	12	16	32		D
28	SHL	iP	15	11	55		DSE		BHK	e	12	22	00		
		iS		12	35					e	13	19	12		
28	NDI	i	15	52	01				POO	eP	13	12	10		
28	NDI	i	15	52	46			29	SHL	iP	14	02	25		C
28	SHL	ePg	16	54	22		1.2	29	SHL	eP	15	03	48		
		iSg		54	37				CHA	eP	15	04	21		
28	SHL	iP	19	16	45		D	29	POO	eP	15	05	44		
28	SHL	iP	20	15	18		CNW 4.3	29	NDI	iPg	16	41	35.5		0.38
		iS		16	09					eSg		41	40.5		
28	NDI	i	21	33	11			29	BHK	i	17	47	48.2		
28	SHL	iPg	21	44	24		CSE 0.2			i		48	09		
		iSg		44	27					i		48	12.6		
28	NDI	e	22	56	53			29	NDI	e	17	48	39		
		e		58	07			29	NDI	e	17	49	12		
28	POO	eP	23	03	10					e		49	14		
29	SHL	iPg	00	16	47		DNW 1.0			e		49	34		
		iSg		17	00			29	SHL	iP	19	00	28		CSE 1.9
29	POO	eP	00	39	40					iS		00	53		
	NDI	i	00	39	53			29	BHK	e	21	08	21		
29	Epc: 25.7°S, 70.7°W, H = 01h 48m 28.9s, depth 33 Kms. Mag. 5.4(CGS).									i		10	36		
	NDI	i	02	08	16			29	Epc: 29.9°N, 68.3°E, West Pakistan H = 21h 35m 20.2s, depth=14 Kms. Mag. 4.6 S.D. 0.7(CGS).						
		i		08	21				KOD	iP		02	08		
		e		08	22				SHL	iP	21	37	12		DE
	SHL	iP	02	08	31		C		NDI	eP	21	37	17		CE 7.3
29	NDI	e	03	27	05					eS		38	41		
		e		27	23.5				CHA	eP	21	37	47		
		e		27	27					i		39	19		
										i		42	43		
										i		44	59		
									POO	eP	21	38	18		

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H.	M.	S.	∠ Deg.	
29	BOK	e	21	39	19		
	MDR	e	21	39	58		
		e		46	19		
	SHL	eP	21	40	10		
	KOD	eP	21	40	14		RS
	BOM	e	21	41	12		
		e		41	44		
		e		41	59		
	CAL	i	21	43	32		SE
29	BHK	e	22	05	36		
		i		11	52		
29	Epc: 32.8°S, 111.7°W, Eastern Islands. CORDILLERA H = 22h 16m 22.7s, depth = 33 Kms (USCGS). Mag. 6(PAS), 5-5-4(BRK) 5.4 S.D. 0.9(CGS).						
	SHL	iP	22	36	18		C
	CHA	eP	22	36	23		
	BOM	e	22	36	32		
		e		41	09		
		e	23	34	-		
	MDR	e	22	36	51		
30	Epc: 7.2°S, 119.9°E, Flores Sea. H = 04h 24m 43.1s, depth = 601 Kms. Mag. 5.2 (CGS).						
	SHL	iP	04	31	48		CNW 41.8
		iS		37	24		
	MDR	iP	04	32	02		CE 43.7
		iS		37	50		
	KOD	iP	04	32	13		DSE
	POO	eP	04	32	59		
	NDI	iP	04	33	15		53.6
		eS		40	04		
	BOM	e	04	34	32		
		e		39	50		
	KOD	iP	04	38	10		DSW
30	BOM	e	06	08	29		
30	BOK	e	08	10	17		
30	BOK	e	09	12	22		
30	POO	eP	10	13	15		
	KOD	iPKP	10	13	15.9		DSW
		i		13	16		
		i		13	16.5		

DATE	STN	PHASE	H.	M.	S.	∠ Deg.		
30	Epc: 25.2°S, 70.6°W, H = 09h 53m 33.8s, depth = 33 Kms. Mag. = 5.2(CGS).							
	NDI	ePKP	10	13	27			
		e		13	37			
	SHL	ePKP	10	13	37			
30	Epc: 25.6°S, 70.7°W, H = 11h 55m 49.8s Depth = 19 Kms. Mag. 4.9(CGS).							
	POO	ePKP	12	15	31			
	KOD	iPKP	12	15	33		DS	
	NDI	ePKP	12	15	45		C	
		e		15	55			
30	Epc: 25.3°S, 70.7°W, H = 12h 30m 24.2s, depth 33 Kms, Mag. 4.4 (CGS).							
	POO	ePKP	12	50	06			
	KOD	iPKP	12	50	07		DE	
		i		50	07			
	NDI	ePKP	12	50	17		D	
		e		50	27			
30	NDI	e	17	29	22			
		e		29	24			
30	SHL	iP	17	59	44		C	
30	SHL	iPg	20	33	16		DSE	0.2
		iSg		33	18			
30	NDI	e	22	33	18			
		i		33	22			
31	SHL	iP	00	35	51		CSE	
31	SHL	eP	01	02	16			2.0
		iS		02	42			
31	POO	ePn	02	24	53			3.2
		iSn		25	37			
31	MDR	eP	04	53	50			
		eS		54	15			
		S*		54	17			
		SS		54	25			
31	KOD	iPg	04	54	05.4		CNW	2.7
		iSg		54	43			
	POO	eP	04	56	20			
31	SHL	iP	06	02	20		DNE	2.7
		iS		02	54			
31	NDI	eP	07	34	41			

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	STN	PHASE	H. M. S.	Δ Deg.		
31	BOK	e	08 33 46			
31	BOK	e	08 51 54			
31	BOK	e	09 09 54			
31	BOK	e	09 26 35			
31	NDI	eP	10 51 27			
31	BOK	e	11 08 24			
31	NDI	e	12 50 25			
31	NDI	iP	17 01 58			
31	NDI	iP	17 02 09			
31	DDI	eP	18 19 47			
		eS	20 02			
31	NDI	iPn	18 20 05	DNE	3.3	
		eP*	20 10			
		ePg	20 17			
		eSn	20 45			
		eS*	20 53			
		eSg	21 00			
	CHA	eP	18 20 54			
	SHL	iP	18 21 47	C		
	POO	eP	18 22 23			
31	Epc: 18.8°S, 166.5°E, Santa Cruz Islands. H = 18h 23m 03.9s, depth = 33 Kms. Mag. 7.5(PAS), 7.4-7.8 (BRK) 7.7 (CGS) Surface Waves.)					
	PBA	eP	18 34 59			80.0
		PP	38 02			
		PPP	39 55			
		iS	45 03			
		PPS	46 18			
		SS	50 22			
		SSS	53 36			
	TOC	iP	18 35 14			
		e	45 42			
	SHL	iP	18 35 21	CNW	83.6	
		iS	45 43			
		PS	46 30			
		SS	51 07			
		SSS	54 33			
	CAL	iP	18 35 35	SW	87.2	
		iS	46 24			
	BOK	iP	18 35 44	W		
	CHA	iP	18 35 44	CNW		
		i	36 13			
		i	39 27			

DATE	STN	PHASE	H. M. S.	Δ Deg.		
	Contn.					
31	CHA	i	18 39 43			
		i	46 27			
		e	46 46			
	VIS	eP	18 35 49			
		iPP	39 29			
		PPP	41 29			
		i	46 46			
	MDR	eP	18 35 57			87.6
		PP	39 40			
		SKS	46 13			
		iS	46 38			
		i	46 58			
	KOD	iP	18 36 03	DSW	91.0	
		e	36 09			
		i	36 09			
		PP	36 36			
		PPP	41 35			
		iS	46 56			
		ScS	47 05			
		PS	47 59			
		PPS	48 26			
		SS	52 45			
		SSS	56 20			
		LQ	19 00 13			
	NDI	eP	18 36 23			94.3
		i	39 54			
		i	41 53			
		eS	47 33			
	POO	eP	18 36 29			100.5
		iS	47 58			
	GOA	eP	18 36 32			
	BOM	eP	18 36 33			100.5
		e	36 49			
		PP	40 37			
		e	41 10			
		PPP	42 49			
		eSKS	47 11			
		SKKS	47 37			
		iS	48 02			
		PS	49 34			
		e	54 04			
		SS	54 55			
	DDI	eP	18 36 36			89.5
		PP	39 57			
		PPP	41 49			
		eS	47 25			
		SS	53 15			
		SSS	57 17			
		LQ	19 01 02			
		LR	05 23			
		M	13 34			

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DATE	STN	PHASE	H.	M.	S.	∠ Deg.
31	SEH	e	18	36	36	98.5
		e		48	02	
31	CHA	iP	19	05	50	C
		i		09	13	
		i		12	19	
	P00	eP	19	06	38	
31	CHA	i	19	56	09	D
31	CHA	e	21	09	42	
		e		12	31	
	SHL	iP	21	09	46	DE
31	Epc: 11.3°S, 164.8°E, Santacruz Islands Region, Felt at Vanikoro Land Slides and 2½ Tsunami at Vanikoro H = 22h 15m 14.0s, depth= 33 Km. Mag. 7¼-7½ (PAS), 7-7.6 (BRK), 7.3 (CGS Surface waves).					
	PBA	iP	22	27	13	76.0
		PP		30	31	
		iS		36	56	
		PS		37	18	
		PPS		37	24	
		SS		41	11	
		SSS		44	01	
	SHL	iP	22	27	23	C 84.2
		iS		37	45	
		PS		38	35	
		PPS		38	52	
		SS		42	48	
		SSS		47	00	
	TOC	iP	22	27	29	
	CHA	eP	22	27	51	85.4
		i		29	59	
		PP		31	18	
		iS		38	22	
		i		38	44	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	CAL	iP	22	27	51	SE 85.0
		eSKS		38	10	
	BOK	iP	22	28	00	W
	VIS	eP	22	28	06	88.0
		iPP		31	04	
		iPPP		33	08	
		iSKS		38	28	
		i		39	14	
	MDR	e	22	28	13	89.0
		SKS		38	40	
		i		38	44	
	KOD	iP	22	28	28	CSE 89.5
		PP		31	40.0	
		PPP		33	36.0	
		iSKS		38	56.0	
	NDI	eP	22	28	32	87.2
		PP		31	51	
		SKS		38	45	
		eS		39	11	
	P00	eP	22	28	42	
	BOM	eP	22	28	50	100.5
		e		29	06	
		PP		32	55	
		e		39	08	
		i		39	29	
		i		39	49	
		eS		40	19	
	DDI	e	22	28	53	
		PP		32	42	
		PPP		34	36	
		eS		39	45	

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List of felt earthquake report received from voluntary observers for the month of December 1966

S.N.	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.	Shillong	0 02	16 45	1	15	IV	
2.	Shillong	02	16 45	1	12	IV	
3.	Shillong	04	18 35	1	10	IV	
4.	Shillong	04	18 28	1	15	IV	
5.	Shillong	15	02 10	2 (10 secs. interval)	30	V	
6.	Shillong	09	07 31	1	10	V	
7.	Shillong	15	02 11	1	3	IV	
8.	Pokhara (Nepal)	16	20 52	Not known	30	IV	Coming from South
9.	Lakhimpur Kheri (U.P.)	16	20 55	1	30	V	Coming from West
10.	Shillong	27	23 45	1	15	V	

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MICROSEISMIC TABULATIONS

Station: BOMBAY (COLABA)

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
01	00	3	0.3	2.8
			0.2	2.0
	06	Surface waves		
	12	1	0.4	2.8
	18	1	0.5	2.8
02	00	1	1.1	2.9
	06	1	0.7	2.8
	12	3	0.4	2.5
			0.2	1.8
	18	2	0.3	2.2
03	00	2	0.3	3.0
	06	2	0.3	2.9
	12	3	0.3	8.1
			0.2	2.4
	18	3	0.3	7.9
			0.2	2.0
04	00	3	0.3	8.0
			0.2	2.0
	06	3	0.3	7.8
			0.2	2.1
	12	3	0.3	7.2
			0.2	2.0
	18	3	0.3	6.9
			0.3	5.0
			0.2	2.0
05	00	3	0.3	6.5
			0.2	2.0
	06	3	0.3	4.4
			0.2	2.0
	12	3	0.3	4.2
			0.2	2.0
	18	3	0.3	4.8
			0.2	2.1
06	00	3	0.3	4.7
			0.3	2.2
	06	3	0.3	5.9
			0.3	3.7
			0.2	2.0
	12	3	0.3	2.4
			0.2	1.8
	18	3	0.3	4.8
			0.2	2.2
07	00	3	0.3	3.0
			0.2	2.1
	06	2	0.3	2.6
	12	2	0.3	2.5
	18	Surface waves		
08	00	3	0.3	2.8
			0.2	1.8
	06	2	0.3	2.2
	12	3	0.3	2.9
			0.2	2.0

Station: BOMBAY (COLABA)

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
08 (Cont.)	18	3	2.4	3.0
			0.2	2.0
09	00	3	0.4	3.7
			0.2	2.1
	06	3	0.5	3.8
			0.3	2.6
	12	3	0.5	4.0
			0.3	3.0
	18	3	0.5	3.9
			0.3	3.0
10	00	3	0.5	4.0
			0.3	2.9
	06	3	0.5	3.9
			0.3	2.6
	12	2	0.5	4.0
	18	3	0.5	4.0
			0.2	2.0
11	00	3	0.5	3.9
			0.3	3.0
	06	3	0.5	4.0
			0.3	3.1
	12	3	0.5	4.1
			0.2	1.8
	18	3	0.8	4.1
			0.2	2.0
12	00	3	0.7	3.9
			0.3	3.0
			0.2	2.0
	06	1	0.9	4.0
	12	1	0.5	4.0
	18	3	0.5	4.2
			0.2	2.0
13	00	3	0.5	4.0
			0.2	2.0
	06	3	0.5	4.6
			0.2	1.8
	12	2	0.5	4.8
	18	2	0.5	4.8
14	00	2	0.5	4.9
	06	2	0.4	4.9
	12	Loss of record		
	18	2	0.3	4.7
15	00	2	0.3	5.0
	06	2	0.3	4.6
	12	3	0.3	4.3
			0.2	1.6
	18	3	0.3	4.5
			0.2	2.0
16	00	3	0.3	4.9
			0.2	2.0
	06	3	0.3	5.1
			0.2	2.2

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (COLABA)				
16	12	3	0.3	4.8
Cont.			0.2	2.3
	18	3	0.3	4.9
			0.2	2.2
17	00	3	0.3	5.0
			0.2	2.0
	06	Loss of record		
	12	3	0.3	4.8
			0.2	2.2
	18	3	0.3	4.8
			0.3	3.2
			0.2	2.2
18	00	3	0.3	4.0
			0.3	3.0
			0.2	2.2
	06	3	0.3	4.7
			0.2	2.5
	12	3	0.3	4.6
			0.2	2.4
	18	3	0.3	4.1
			0.3	3.1
19	00	3	0.3	4.9
			0.3	3.0
	06	3	0.3	4.3
			0.3	3.0
	12	3	0.3	4.8
			0.3	2.9
	18	3	0.3	4.4
			0.3	3.0
20	00	3	0.3	4.5
			0.3	3.0
			0.2	1.8
	06	3	0.3	4.2
			0.2	1.6
	12	3	0.3	4.1
			0.2	1.7
	18	3	0.3	4.7
			0.3	2.0
21	00	3	0.3	5.0
			0.3	2.2
	06	3	0.3	5.0
			0.2	1.7
	12	3	0.3	5.0
			0.2	1.7
	18	3	0.3	5.7
			0.3	2.0
22	00	3	0.3	4.0
			0.3	3.0
			0.3	2.2
	06	3	0.3	5.0
			0.2	2.2
	12	3	0.3	4.8
			0.3	3.0
			0.2	1.9

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY (COLABA)				
22	18	3	0.3	3.0
Cont.			0.2	2.0
23	00	3	0.3	4.8
			0.3	2.9
			0.2	2.0
	06	3	0.3	5.0
			0.3	3.0
			0.2	2.0
	12	3	0.3	5.2
			0.2	1.9
	18	Surface waves		
24	00	3	0.3	4.5
			0.3	2.1
	06	3	0.3	3.9
			0.2	1.8
	12	3	2.3	4.0
			0.2	1.9
	18	3	0.3	3.9
			0.2	1.8
25	00	3	0.3	5.0
			0.3	3.0
	06	Surface waves		
	12	3	0.3	5.7
			0.3	3.1
	18	3	0.3	5.2
			0.2	1.6
26	00	3	0.3	5.4
			0.3	3.8
	06	3	0.3	4.1
			0.3	3.0
			0.2	1.6
	12	3	0.3	5.8
			0.3	3.8
			0.2	2.0
	18	3	0.3	5.4
			0.3	3.0
27	00	3	0.3	4.5
			0.2	3.0
	06	2	0.3	4.3
	12	3	0.3	4.1
			0.3	3.0
	18	3	0.3	4.4
			0.3	3.1
28	00	3	0.3	4.0
			0.3	2.9
	06	3	0.3	3.7
			0.3	3.0
			0.2	1.5
	12	Surface waves		
	18	3	0.3	4.9
			0.3	3.3
29	00	3	0.3	4.0
			0.3	2.6
	06	3	0.3	4.7
			0.2	1.9

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: BOMBAY(COLABA)				
29	12	3	0.3	4.8
			0.3	2.2
	18	2	0.3	2.2
30	00	Surface waves		
	06	3	0.3	3.0
			0.3	2.0
	12	3	0.3	4.1
			0.3	2.2
	18	3	0.3	2.8
			0.2	2.0
31	00	3	0.3	3.1
			0.2	2.2
	06	3	0.3	2.7
			0.2	2.0
	12	3	0.3	3.0
			0.2	2.0
	18	3	0.3	4.0
			0.3	2.1
Station: BOKARO				
01	00	3	0.3	5.2
	06	...	-	-
	12	3	0.3	5.5
	18	3	0.3	6.1
02	00	...	-	-
	06	3	0.3	5.7
	12	3	0.3	5.4
	18	3	0.3	5.0
03	00	3	0.3	4.6
	06	3	0.2	4.8
	12	3	0.3	4.5
	18	3	0.2	4.1
04	00	3	0.2	4.6
	06	3	0.2	4.6
	12	3	0.2	4.2
	18	3	0.2	4.4
05	00	3	0.2	3.8
	06	3	0.2	3.9
	12	3	0.2	5.0
	18	3	0.2	4.8
06	00	3	0.2	6.1
	06	3	0.2	4.4
	12	3	0.2	4.9
	18	3	0.2	4.5
07	00	3	0.2	5.0
	06	3	0.2	4.9
	12	3	0.2	4.8
	18	3	0.2	4.5
08	00	3	0.2	3.3
	06	3	0.2	3.9
	12	3	0.2	3.2
	18	3	0.2	3.2
09	00	3	0.2	2.9
	06	3	0.1	3.4
	12	3	0.2	3.9
	18	3	0.3	4.5
10	00	3	0.3	4.4
	06	3	0.4	4.8
	12	3	0.4	3.7
	18	3	0.6	3.8
11	00	3	0.5	3.9
	06	3	0.5	3.7
	12	3	1.0	4.2
	18	3	1.1	4.1
12	00	3	1.1	4.0
	06	...	-	-
	12	3	0.8	4.0
	18	3	0.5	3.5
13	00	3	0.3	4.2
	06	3	0.3	4.4
	12	3	0.3	4.8
	18	3	0.3	5.2
14	00	3	0.3	4.9
	06	3	0.3	4.5
	12	3	0.3	5.2
	18	3	0.3	5.0
15	00	3	0.3	5.1
	06	3	0.2	5.0
	12	3	0.3	5.4
	18	3	0.3	5.4
16	00	3	0.3	5.4
	06	3	0.3	5.5
	12	3	0.3	5.0
	18	3	0.3	5.0
17	00	3	0.2	4.5
	06	3	0.2	4.6
	12	3	0.2	4.5
	18	3	0.2	4.2
18	00	3	0.2	3.8
	06	...	-	-
	12	...	-	-
	18	...	-	-
19	00	...	-	-
	06	3	0.1	3.5
	12	3	0.1	3.5
	18	3	0.3	4.3
20	00	3	0.2	3.8
	06	3	0.1	3.3
	12	3	0.2	4.8
	18	3	0.2	4.8
21	00	3	0.3	5.1
	06	3	0.3	5.4
	12	3	0.3	5.6
	18	3	0.3	5.5

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station : **BOKARO**				
22	00	3	0.2	5.4
	06	3	0.2	4.9
	12	3	0.2	5.2
	18	3	0.2	5.3
23	00	3	0.2	4.9
	06	3	0.2	5.3
	12	3	0.2	5.2
	18	3	0.2	4.9
24	00	3	0.1	4.4
	06	3	0.3	5.5
	12	3	0.2	5.2
	18	3	0.2	4.7
25	00	3	0.2	5.3
	06	3	0.3	5.1
	12	3	0.3	6.0
	18	3	0.3	6.0
26	00	3	0.2	5.2
	06	3	0.2	5.6
	12	3	0.2	5.0
	18	3	0.2	5.5
27	00	3	0.2	4.9
	06	3	0.2	5.3
	12	3	0.2	4.9
	18	3	0.2	5.0
28	00	3	0.2	4.8
	06	3	0.2	5.0
	12	....	-	-
	18	3	0.3	5.0
29	c00	3	0.2	5.0
	06	3	0.2	5.2
	12	3	0.2	4.8
	18	3	0.2	4.6
30	00	3	0.2	5.0
	06	...	-	--
	12	3	0.2	5.4
	18	3	0.2	4.8
31	00	3	0.2	4.6
	06	3	0.2	4.8
	12	3	0.2	5.1
	18	3	0.2	4.5
Station : CALCUTTA				
	00	3	3.0	0.5
	06	....		
	12	3	4.0	0.3
	18	3	4.0	0.5
02	00	3	4.0	0.6
	06	3	3.8	0.3
	12	3	3.8	0.3
	18	3	3.6	0.5
03	00	3	4.0	0.5
	06	3	3.8	0.3
	12	3	3.6	0.2
	18	3	3.4	0.3
04	00	3	3.6	0.3
	06	3	3.6	0.3
	12	3	3.8	0.2
	18	3	4.0	0.3
05	00	3	3.6	0.4
	06	...		
	12	3	4.0	0.3
	18	3	3.8	0.4
06	00	3	3.4	0.3
	06	...		
	12	3	3.8	0.3
	18	3	3.6	0.3
07	00	3	4.0	0.5
	06	3	3.6	0.4
	12	3	3.2	0.4
	18	3	3.0	0.4
08	00	3	2.6	0.5
	06	3	3.0	0.4
	12	3	3.2	0.4
	18	3	3.2	0.6
09	00	3	3.4	0.8
	06	...		
	12	3	3.6	0.8
	18	3	3.8	0.8
10	00	3	4.0	1.0
	06	....		
	12	3	4.0	1.2
	18	3	4.2	2.1
11	00	3	3.8	2.1
	06	3	3.2	2.2
	12	1	3.8	3.2
	18	....		
12	00	1	3.2	4.2
	06	2	-	-
	12	2	-	-
	18	1	4.0	2.0
13	00	3	2.4	0.8
	06	3	3.0	0.8
	12	3	3.2	0.6
	18	3	4.0	0.6
14	00	3	3.8	0.6
	06	3	4.0	0.5
	12	3	4.2	0.6
	18	3	4.0	0.5
15	00	3	4.2	0.6
	06	3	4.0	0.3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.
Station : CALCUTTA				
15	12	3	4.0	0.2
	18	3	4.0	0.3
16	00	3	3.8	0.5
	06	3	4.0	0.4
	12	3	3.6	0.5
	18	3	3.6	0.4
17	00	3	3.4	0.4
	06	3	3.8	0.3
	12	3	3.8	0.3
	18	3	4.0	0.5
18	00	3	4.0	0.6
	06	3	3.8	0.5
	12	3	3.4	0.6
	18	3	3.2	0.5
19	00	3	3.0	0.5
	06	3	3.2	0.4
	12	3	3.0	0.5
	18	3	3.4	0.5
20	00	3	3.2	0.3
	06	3	3.0	0.4
	12	3	3.2	0.4
	18	....		
21	00	....		
	06	3	3.4	0.3
	12	3	3.6	0.3
	18	3	3.0	0.4
22	00	3	3.2	0.2
	06	3	3.6	0.3
	12	3	3.8	0.3
	18	3	3.8	0.2
23	00	3	4.0	0.3
	06	3	3.8	0.2
	12	3	3.6	0.2
	18	3	3.6	0.3
24	00	3	3.8	0.3
	06	3	4.0	0.3
	12	3	4.0	0.2
	18	3	3.8	0.3
25	00	3	3.8	0.3
	06	3	3.8	0.3
	12	3	4.0	0.4
	18	3	4.2	0.5
26	00	3	4.0	0.4
	06	3	4.0	0.4
	12	3	3.8	0.5
	18	3	4.0	0.3
27	00	3	4.2	0.2
	06	3	3.8	0.4
	12	3	3.4	0.3
	18	3	3.4	0.3
28	00	3	3.8	0.2
	06	3	4.0	0.3
	12	3	4.0	0.5
	18	3	3.8	0.3
29	00	3	4.0	0.4
	06	3	3.8	0.3
	12	3	3.6	0.3
	18	3	3.0	0.2
30	00	3	3.0	0.2
	06	3	3.2	0.2
	12	3	3.4	0.3
	18	3	3.4	0.3
31	00	3	3.6	0.3
	06	3	3.0	0.2
	12	3	3.0	0.3
	18	3	3.0	0.3
Station: MADRAS				
01	00	2	0.4	3.1
	03	2	0.4	3.2
	06	...	Earthquake	
	12	2	0.4	3.5
	18	2	0.4	3.5
02	00	2	0.3	3.3
	03	2	0.3	3.0
	06	2	0.3	2.9
	12	2	0.3	3.0
	18	2	0.3	3.0
03	00	2	0.3	3.1
	03	2	0.4	3.4
	06	2	0.4	3.5
	12	2	0.3	3.3
	18	2	0.3	3.2
04	00	2	0.3	3.1
	03	2	0.3	3.0
	06	2	0.3	3.0
	12	2	0.3	3.0
	18	2	0.4	3.0
05	00	2	0.5	3.0
	03	2	0.5	3.0
	06	2	0.5	3.0
	12	2	0.6	3.0
	18	2	0.6	3.0
06	00	2	0.6	3.0
	03	2	0.6	3.1
	06	2	0.6	3.1
	12	2	0.6	3.1
	18	2	0.5	3.0
07	00	2	0.5	3.0
	03	2	0.5	3.1
	06	2	0.5	3.1
	12	2	0.5	3.0
	18	2	0.5	3.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
08	00	2	0.6	3.0
	03	2	0.7	3.3
	06	2	0.7	3.2
	12	2	0.7	3.5
	18	2	0.8	3.8
09	00	1	0.9	3.7
	03	1	1.0	4.0
	06	1	1.0	4.0
	09	1	1.3	4.1
	12	1	1.3	4.0
	15	...	No record	
	18	1	1.2	4.4
	21	1	1.3	4.2
10	00	1	1.3	4.3
	03	1	1.4	4.3
	06	1	1.4	4.4
	09	1	1.4	4.6
	12	1	1.4	4.7
	15	1	1.4	4.7
	18	1	1.4	4.6
	21	1	1.3	4.5
11	00	1	1.3	4.5
	03	1	1.3	4.5
	06	1	1.3	4.5
	09	1	1.3	4.5
	12	1	1.4	4.6
	15	1	1.4	4.6
	18	1	1.3	4.7
	21	1	1.3	4.7
12	00	1	1.3	4.7
	03	1	1.3	4.5
	06	1	1.2	4.6
	09	1	1.1	4.6
	12	1	1.2	4.6
	15	1	1.1	4.6
	18	1	1.0	4.7
	21	1	1.0	4.7
13	00	1	1.0	4.7
	03	1	1.0	4.5
	06	1	1.0	4.6
	09	1	1.0	4.6
	12	1	0.8	4.5
	18	1	0.7	4.5
14	00	1	0.7	4.5
	03	1	0.7	4.5
	06	1	0.6	4.5
	12	2	0.5	4.6
	18	2	0.4	4.6
15	00	2	0.4	4.6
	03	2	0.3	4.4
	06	3	0.2	1.8
	12	2	0.2	2.1
	18	2	0.3	4.2
		2	0.2	2.1
Station: MADRAS				
16	00	2	0.3	2.9
	03	2	0.3	3.2
	06	2	0.3	3.2
	12	2	0.3	3.2
	18	2	0.4	3.2
17	00	2	0.5	3.2
	03	2	0.5	3.1
	06	2	0.5	3.1
	12	2	0.5	3.1
	18	2	0.5	3.4
18	00	2	0.6	3.3
	03	2	0.6	3.7
	06	2	0.6	3.7
	12	2	0.6	3.4
	18	2	0.7	3.8
19	00	2	0.7	4.0
	03	2	0.7	4.0
	06	2	0.7	4.0
	12	2	0.7	4.0
	18	2	0.8	3.9
20	00	2	0.8	3.7
	03	2	0.7	3.7
	06	2	0.7	3.2
	12	2	0.6	3.5
	18	2	0.6	3.5
21	00	2	0.5	3.5
	03	2	0.5	3.4
	06	2	0.4	3.1
	12	2	0.4	3.1
	18	2	0.4	3.1
22	00	2	0.4	3.1
	03	2	0.4	3.1
	06	2	0.3	3.0
	12	2	0.3	3.1
	18	2	0.4	3.1
23	00	2	0.4	3.1
	03	2	0.4	3.1
	06	2	0.4	3.1
	12	2	0.4	3.1
	18	2	0.3	3.0
24	00	2	0.3	3.0
	03	2	0.3	3.0
	06	2	0.3	3.1
	12	2	0.3	3.1
	18	2	0.3	3.1
25	00	2	0.3	3.1
	03	2	0.3	3.1
	06	2	0.3	3.1
	12	2	0.3	3.0
	18	2	0.3	3.1
26	00	2	0.3	3.1
	03	2	0.3	3.2
	06	2	0.3	3.1

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: MADRAS				
26	12	2	0.3	3.0
	18	2	0.3	4.7
		2	0.2	3.0
27	00	2	0.3	3.1
	03	2	0.3	3.0
	06	2	0.3	3.0
	12	2	0.3	3.0
	18	2	0.3	3.0
28	00	2	0.3	3.0
	03	2	0.3	3.0
	06	2	0.3	3.0
	12	2	0.3	3.0
	18	2	0.3	3.0
29	00	2	0.3	3.0
	03	2	0.3	3.0
	06	2	0.3	3.0
	12	2	0.3	3.0
	18	2	0.3	3.2
30	00	2	0.3	3.1
	03	2	0.4	3.1
	06	2	0.4	3.1
	12	2	0.4	3.3
	18	2	0.4	3.3
31	00	2	0.5	3.0
	03	2	0.5	3.3
	06	2	0.5	3.2
	12	2	0.5	3.2
	18	2	0.5	3.2
Station: PORT BLAIR				
01	00	3	0.8	7
	06	...	-	-
	12	3	0.8	7
	18	3	0.8	2
			0.8	7
02	00	3	1.6	3
	06	3	2.0	3
	12	3	1.6	3
	18	3	1.6	3
03	00	3	1.6	3
			0.8	7
	06	3	1.2	3
			1.2	7
	12	3	0.8	3
			1.6	9
	18	3	1.2	3
			2.4	9
04	00	3	1.2	3
			2.0	8
	06	3	1.2	3
			2.4	8

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
04	12	3	0.8	3
			1.2	8
	18	3	0.8	3
			1.2	7
05	00	3	0.8	3
			0.8	7
	06	3	0.8	3
			0.8	7
	12	3	0.8	3
			0.8	7
	18	3	0.8	3
			0.8	7
06	00	3	0.8	3
			0.8	7
	06	3	0.8	3
			0.4	7
	12	3	0.8	3
	18	3	1.2	3
07	00	3	2.0	3
	06	3	2.0	3
	12	3	2.0	3
	18	3	2.4	3
08	00	3	2.8	3
	06	3	2.0	3
	12	3	1.6	3
	18	3	1.6	3
09	00	3	1.6	3
	06	3	2.0	3
	12	3	1.6	3
	18	3	2.0	3
10	00	3	2.0	3
	06	3	1.6	3
	12	3	1.6	3
	18	3	2.0	3
11	00	3	2.0	3
	06	3	1.6	3
	12	3	1.2	3
	18	3	1.2	3
13	00	3	1.2	3
	06	3	1.2	3
	12	3	0.8	3
	18	3	1.2	3
14	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.6	3
15	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.6	3

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: PORT BLAIR				
16	00	3	1.6	2
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.6	3
17	00	3	1.6	3
	06	3	1.2	3
			0.8	7
	12	3	1.2	3
			0.8	7
	18	3	1.2	3
			0.8	7
18	00	3	1.2	3
	06	3	1.2	3
	12	3	0.8	3
	18	3	1.2	3
19	00	3	1.2	3
	06	3	1.2	3
	12	3	0.8	3
	18	3	1.2	3
20	00	3	1.2	3
	06	3	1.2	3
	12	3	0.8	3
	18	3	1.2	3
21	00	3	1.2	3
	06	3	0.8	3
	12	3	0.8	3
	18	3	0.8	3
22	00	...	-	-
	06	...	-	-
	12	3	0.8	3
			0.8	7
	18	3	0.8	3
			0.8	7
23	00	3	0.8	3
			0.4	7
	06	3	0.8	3
			0.4	7
	12	3	0.8	3
			0.4	7
	18	3	0.8	3
			0.4	7
24	00	3	0.8	3
			0.4	7
	06	3	0.4	7
	12	...	-	-
	18	3	0.4	7
25	00	3	0.4	7
	06	3	0.4	7
	12	3	0.4	7
	18	3	0.4	7
STATION: PORT BLAIR				
26	00	3	0.8	3
	06	3	0.4	3
	12	3	0.4	3
	18	3	0.4	3
27	00	3	0.4	3
	06	3	0.4	2
	12	3	0.4	2
	18	3	0.4	3
28	00	3	0.4	3
	06	3	0.4	2
	12	3	0.4	2
	18	3	0.4	2
29	00	3	0.4	3
	06	3	0.8	3
	12	3	0.8	3
	18	...	-	-
30	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
31	00	3	1.2	3
	06	3	1.2	3
	12	3	1.2	3
	18	3	1.2	3
Station: SHILLONG				
01	00	3	0.3	4.2
	06	...	-	-
	12	3	0.4	5.5
	18	3	0.4	5.2
02	00	3	0.8	6.3
	06	3	0.7	5.3
	12	3	0.6	5.3
	18	3	0.4	5.0
03	00	3	0.4	4.8
	06	3	0.4	4.8
	12	3	0.3	4.5
	18	3	0.3	4.5
04	00	3	0.3	4.3
	06	3	0.2	4.3
	12	3	0.2	4.2
	18	3	0.2	4.7
05	00	3	0.2	4.0
	06	3	0.3	4.7
	12	3	0.3	4.5
	18	3	0.2	4.0
06	00	3	0.1	3.8
	06	3	0.2	4.5
	12	3	0.2	4.8
	18	3	0.2	4.2

International Seismological Centre From the ISC collection scanned by SISMOS

Station: SHILLONG

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
07	00	3	0.3	4.5
	06	3	0.2	4.0
	12	3	0.2	4.5
	18	3	0.3	4.5
08	00	3	0.3	4.8
	06	3	0.2	4.2
	12	3	0.1	3.7
	18	3	0.2	4.0
09	00	3	0.2	3.9
	06	3	0.2	3.7
	12	3	0.2	3.8
	18	3	0.3	4.0
10	00	3	0.3	4.5
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.4	4.1
11	00	3	0.3	4.0
	06	1	0.3	3.8
	09	1	0.3	4.0
	12	1	0.7	4.3
	15	1	0.6	4.2
	18	1	0.6	4.2
12	00	1	0.5	4.2
	03	1	0.9	4.3
	06	1	1.3	4.2
	09	1	1.0	3.8
	12	1	0.8	3.8
	15	1	0.5	3.6
	18	1	0.4	3.7
13	00	3	0.2	3.5
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.3	4.2
14	00	3	0.3	4.6
	06	3	0.3	4.6
	12	3	0.3	5.0
	18	3	0.3	4.8
15	00	3	0.4	5.0
	06	3	0.4	5.0
	12	3	0.3	4.6
	18	3	0.2	4.0
16	00	3	0.4	4.8
	06	3	0.3	4.6
	12	3	0.3	4.6
	18	3	0.3	4.2
17	00	3	0.3	4.0
	06	3	0.3	4.4
	12	3	0.3	3.8
	18	3	0.3	4.0

Station: SHILLONG

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
18	00	3	0.2	3.6
	06	3	0.3	4.0
	12	3	0.2	4.0
	18	3	0.3	4.0
19	00	3	0.3	4.0
	06	3	0.3	3.8
	12	3	0.2	3.8
	18	3	0.2	3.6
20	00	3	0.3	4.0
	06	3	0.3	4.2
	12	3	0.3	4.4
	18	3	0.3	4.4
21	00	3	0.4	4.0
	06	3	0.3	4.4
	12	3	0.3	5.0
	18	3	0.4	4.4
22	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.4	4.8
	18	3	0.3	4.2
23	00	3	0.3	4.4
	06	3	0.2	4.6
	12	3	0.3	4.2
	18	3	0.3	4.2
24	00	3	0.3	4.0
	06	3	0.2	4.0
	12	3	0.3	4.0
	18	3	0.2	4.0
25	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.4	4.6
	18	3	0.4	4.4
26	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.4	4.6
27	00	3	0.3	4.4
	06	3	0.4	4.8
	12	3	0.3	4.0
	18	3	0.4	4.2
28	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.2	3.8
	18	3	0.3	4.0
29	00	3	0.3	4.2
	06	3	0.3	4.0
	12	3	0.3	4.2
	18	3	0.3	4.0

International Seismological Centre From the ISC collection scanned by SISMOS

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: SHILLONG				
30	00	3	0.3	4.2
	06	3	0.2	4.4
	12	3	0.2	4.6
	18	3	0.2	3.4
31	00	3	0.2	4.0
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.3	4.0
Station: TRIVENDRUM				
From 1-8/12/67 Microseismic Weak.				
09	00	2	0.3	3.6
	06	2	0.5	4.0
	12	2	0.4	4.0
	18	2	0.4	4.6
10	00	2	0.5	4.4
	06	2	0.5	4.6
	12	2	0.4	4.2
	18	2	0.5	4.8
11	00	2	0.5	4.1
	06	2	0.5	4.4
	12	2	0.6	4.2
	18	2	0.5	3.8
12	00	2	0.5	4.0
	06	2	0.5	3.9
	12	2	0.5	4.0
	18	2	0.4	3.8
13	00	2	0.5	4.8
	06	2	0.4	3.8
	12	2	0.5	4.2
	18	2	0.4	5.0
14	00	2	0.3	4.4
	06	2	0.4	4.6
	12	2	0.4	4.4
	18	Minute not measurable		
15 to 17		Minute not measurable		
18	00	Minute not measurable		
	06	2	0.3	3.8
	12	2	0.3	4.2
	18	2	0.3	4.0
19	00	2	0.3	4.0
	06	2	0.3	4.0
	12	2	0.3	4.0
	18	2	0.4	4.0
20	00	2	0.4	5.0
	06	2	0.4	4.8
	12	2	0.3	4.0
	18	-	-	-
21		Minute not measurable		

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: TRIVENDRUM				
22	00	2	0.2	3.4
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	2	2.0	3.0
23	00	Feeble		
	06	Feeble		
	12	2	0.2	3.0
	18	2	0.2	3.0
24	00	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	2	0.2	3.0
25	00	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	2	0.2	3.0
26	00	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	2	0.2	3.0
27	00	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	2	0.2	3.0
28	00	2	0.2	3.0
	06	2	0.2	3.0
	112	2	0.2	3.0
	18	2	0.2	3.0
29	00	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	2	0.2	3.0
30	00	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	2	0.2	3.0
31	00	2	0.2	3.0
	06	2	0.2	3.0
	12	2	0.2	3.0
	18	2	0.2	3.0
Station: VISAKHAPATNAM				
01	00	00	-	-
	06	1	3.6	4.5
	12	1	3.2	4.5
	18	1	2.0	4.1
02	00	1	1.0	3.0
	06	1	1.0	3.9
	12	1	0.8	3.9
	18	1	0.6	3.7
03	00	1	0.4	3.0
	06	1	0.5	3.3

International Seismological Centre From the ISC collection scanned by SISMOS

Station: VISAKHAPATNAM

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
03	12	1	0.7	3.4
	18	1	0.5	3.5
04	00	1	0.3	3.1
	06	2	0.3	3.0
	12	2	0.4	2.7
	18	2	0.4	2.9
05	00	2	0.3	2.7
	06	2	0.4	2.9
	12	2	0.3	3.0
	18	2	0.4	3.1
06	00	00	-	-
	06	2	0.6	3.4
	12	2	0.6	3.6
	18	2	0.5	3.7
07	00	2	0.4	2.9
	06	A00	-	-
	12	B00	-	-
	18	C00	-	-
08	00	D00	-	-
	06	2	0.5	3.2
	12	2	0.5	3.2
	18	2	0.3	2.9

A = No record
B = Feeble
C = Feeble
D = Feeble

09	00	2	0.3	2.2
	06	1	0.5	3.1
	12	1	0.6	3.2
	18	1	0.6	3.2
10	00	1	0.6	3.1
	06	1	0.6	3.0
	12	1	0.7	3.0
	18	1	0.7	3.0
11	00	1	0.7	2.9
	06	1	0.6	2.9
	12	1	0.5	2.9
	18	1	0.4	2.9
12	00	1	0.4	2.9
	06	1	0.5	2.9
	12	1	0.6	2.7
	18	1	0.5	3.0
13	00	1	0.6	3.0
	06	1	0.6	2.8
	12	1	0.6	2.6
	18	1	0.5	2.7
14	00	1	0.4	2.5
	06	1	0.5	2.7
	12	2	0.5	2.8
	18	2	0.4	2.7

Station: VISAKHAPATNAM

DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
1	00	2	0.4	2.8
	06	1	0.4	2.9
	12	2	0.5	2.8
	18	2	0.6	2.6
16	00	00	-	-
	06	2	0.6	3.2
	12	2	0.6	3.7
	18	2	0.6	3.8
17	00	2	0.6	3.7
	06	2	0.6	3.7
	12	2	0.5	3.6
	18	2	0.5	3.4
18	00	00	-	-
	06	2	0.6	3.8
	12	2	0.9	3.7
	18	2	0.5	3.4
19	00	00	-	-
	06	2	0.5	3.9
	12	2	0.5	3.9
	18	2	0.5	3.8
20	00	00	-	-
	06	00	-	-
	12	00	-	-
	18	2	0.5	3.4
21	00	00	--	-
	06	2	0.6	3.9
	12	2	0.5	4.2
	18	2	0.5	4.1
22	00	00	-	-
	06	2	0.5	4.2
	12	2	0.5	4.1
	18	2	0.5	4.5
23	00	00	-	-
	06	2	0.5	4.1
	12	2	0.5	3.9
	18	2	0.5	4.0
24	00	00	-	-
	06	2	0.5	4.1
	12	2	0.5	4.2
	18	2	0.6	4.2
25	00	2	0.5	4.2
	06	2	0.5	4.3
	12	2	0.5	4.1
	18	2	0.6	4.4
26	00	00	-	-
	06	2	0.7	4.3
	12	2	0.7	4.2
	18	2	0.5	4.2

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DATE	HOUR GMT	K	MEAN Amplitude in mm	MEAN Period in sec.
Station: VISAKHAPATNAM				
27	00	00	-	-
	06	00	-	-
	12	2	0.7	4.2
	18	00	-	-
28	00	00	-	-
	06	2	0.5	3.5
	12	2	0.5	3.8
	18	2	0.6	3.6
29	00	00	-	-
	06	2	0.5	3.6
	12	2	0.5	3.7
	18	2	0.6	3.8
30	00	00	--	-
	06	2	0.6	3.5
	12	2	0.6	3.5
	18	2	0.5	3.4
31	00	2	0.6	4.0
	06	2	0.7	4.1
	12	2	0.7	4.2
	18	2	0.6	4.1

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