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INDIA METEOROLOGICAL DEPARTMENT

SEISMOLOGICAL BULLETIN

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DIRECTOR GENERAL OF OBSERVATORIES

LIST OF SEISMOGRAPH STATIONS WITH THEIR INSTRUMENTS AND CONSTANT

Station andaabbrevi- ation.	Lat. °N	Long. °E	Height a.s.l. metres	Lithographic foundation	Instrument	Com- pon- ent	Period in sec.		V. max.	Damping constant		Paper speed mm/min.
							T ₀	T _g		h ₁	h ₂	
Bhakra BHK	31.25	76.25			Electromag- netic (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 BOK	23.47	85.53		Rock	Press-Ewing	Z	15	100	-	-	1	15
						N	15	100	-	-	1	15
						E	15	94	-	-	1	15
					Sprengnether Wood Anderson	E	7.3	7.3	5000	-	1	30
						N	0.8		940	1		30
						E	0.8		950	1		30
Bombay BOM	18.54	72.49		Deccan Trap	Milne Shaw	N	12		250	0.7		8
						E	12		250	0.7		8
					Sprengnether Benioff	E	7.3	7.3	5000		1	30
						Z	1.0	0.2	-	1	1	30
							1.0	87.0	-		1	60
Calcutta CAL	22.32	88.20	7 6	Alluvium	Milne-Shaw Omori-Ewing	E	12		250	0.7		8
						E	19		30	-		25.4
						N	15		32	-		25.4
Chatra CHA	26.50	87.10	161	Sand Stone	Sprengnether Benioff	N	7.0	7.0	1000		1	30
						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
Delhi NDI	28.41	77.12	207	Massive Quartzite	Wenner Accelerograph	ZNE	0.1		50	0.6		600
						Sprengnether Wood-Anderson	E	7.6	7.6	5000		1	30
					E		0.8		1000	1		30
					Milne-Shaw	N	0.8		1000	1		30
						N	12		250	0.7		8
					Benioff(SP)	Z	1.0	0.79	50K	(for	1	60
						N	1.0	0.75	50K	TE=1		60
					Sprengnether(LP)	E	1.0	0.73	50K	sec.		
						Z	15	100	1500	(for	1	30
						N	15	100	1500	TE=15	1	30
E	15	100	1500	sec.		1	30					

(ii)

Dehra Dun DDI	30.19	78.03	682	Gravel	Wilson-Lamison	Z	1.3	1.3	-	1	1	60
					Wood-Anderson	N	0.8		970	1		30
						E	0.8		1000	1		30
					Milne-Shaw	N	12		250	0.7		8
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 HYD	17.26	78.27	536	Granite	Milne-Shaw	E	12		250	0.7		8
						N	12		250	0.7		8
						Z	1.0	0.75	50K		1	60
						N	1.0	0.75	50K	{ TE=1	1	60
Kodaikanal KOD	10.14	77.28	2345	Rock		E	1.0	0.75	50K	{ sec	1	60
					Sprengnether	Z	15	100	1500	{ for	1	30
						N	15	100	1500	{ TE=15	1	30
						E	15	100	1500	{ sec.	1	30
					Milne-Shaw	E	12		250	0.7		8
						Z	1.5	1.5			1	60
Madras MDR	13.00	80.11	15		Sprengnether	E	7.4	7.4			1	30
						Z	1.5	1.5			1	60
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	{ sec.	1	60
					Sprengnether(LP)	Z	15	100	1500	{ for	1	30
						N	15	100	1500	{ TE=15	1	30
Portblair PBA	11.40	92.43				E	15	100	1500	{ sec.	1	30
					Milne-Shaw	E	12		250	0.7		8
					Wood-Anderson	N	2.0		890	0.7		30
						E	0.8		840	0.8		30
Sehore SEH	25.10	77.05			Benioff	Z	1.2	1.5			1	30
					Wood-Anderson	N	0.8		860	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
					Sandstone	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	15
						N	15	100	3000	{ TE=15	1	15
						E	15	100	3000	{ sec	1	15
Tocklai TOC	26.45	94.46		Alluvium	Sprengnether	E	6.7	6.7	2600		1	30
					Milne-Shaw	N	12		250	0.7		8
					Wenner Accelerograph	ZNE	0.1	nearly	50	0.6		600
					Wood-Anderson	E	0.8		1000	1		60
Trivandrum TRD	8.29	76.57		Decomposed Lateriate	Sprengnether	E	7.1	7.1	2500		1	30
Visakhapatnam VIS	17.43	83.18			Sprengnether	E	7.0	7.0	5000		1	30
					Wood-Anderson	E	0.8		1000	1		30
						N	0.8		1000	1		30
					Electromagnetic(SP)	Z	1.65	1.65	6000	1	1	60
				Milne-Shaw	N	12		250	0.7		12	

JANUARY, 1969

- 1 -

DATE STN PHASE H. M. S.

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Deg.

01	EPC: 52.1N, 170.0W Fox Islands, Aleutian Islands - H = 04h 53m 57.7s(USCGS) Depth = N Mag. = 4.6(CGS)	
	SHL eP 05 05 16	
	DDI eP 05 05 40	
	NDI eP 05 05 46	
	P00 eP 05 06 37	
01	KOD eP 06 56 31	
01	NDI e 07 57 25	
01	BOK e 08 28 05	
01	BOK e 08 4 54	
01	EPC: 51.2 N, 179.4W Andreanof Islands Aleutian Islands - H = 09h 07m 04.3s(USCGS) Depth = 34 Km. Mag. = 5.4(CGS)	
	SHL iP 09 18 13 C	
	CHA iP 09 18 24 C	
	DDI e 09 18 31	
	NDI eP 09 18 49	
	P00 iP 09 19 41.5 C	
	BOM iP 09 19 42 C	86.7
	eS 30 15	
01	SHL iP 13 37 16 D	
	CHA iP 13 38 08 D	
	NDI e 13 42 58	
01	SHL eP 15 15 41	
01	CHA iP 15 31 35 C	
	SHL eP 15 32 00	
	DDI eP 15 34 16	
	NDI eP 15 34 33	
01	BOM: iP 16 05 41 C	
01	EPC: 14.2N, 53.7E Arabian Sea - H = 16h 12m 02.2s(USCGS) Depth = N, Mag. = 3.6(CGS)	
	BOM eP 16 16 21	
	P00 e 16 16 34	
	NDI e 16 17 35	

DATE STN PHASE H. M. S.

 Δ
Deg.

01	EPC: 11.2N, 126.5E Philippine Islands Region - H = 18h 46m 25.6s(USCGS) Depth = N, Mag. = 5.2(CGS)	
	SHL eP 18 53 23	
	CHA iP 18 54 01 D	
01	NDI eP 20 07 26	8.5
	i 07 29	
	iS 09 05	
	CHA iP 20 09 06 D	
	i 12 04	
01	CHA iP 21 20 58 C	
	SHL iP 21 21 45 C	
	BOK eP 21 22 12	
	NDI eP 21 22 50	
01	EPC: 36.4N, 23.0E Southern Greece - H = 21h 41m 25.1s(USCGS) Depth = 10 Km. Mag. = 4.5(CGS)	
	NDI eP 21 49 49	
	CHA iP 21 50 54	
01	EPC: 4.3N, 125.5E(TALAUD Islands - H = 23h 50m 55.3s(USCGS) Depth = N, Mag. = 5.4(CGS)	
	SHL iP 23 58 20 C	
	CHA iP 23 58 57 C	
	P00 eP 00 00 09	
002	NDI i 00 55 35	
02	NDI i 04 17 42	
02	NDI iPg 04 42 33.2 C	0.31
	iSg 52 37.2	
02	BOM e 05 26 39	
02	BOK e 08 28 26	
02	CHA iPg 09 05 19.2	
	Sg 05 37.9	
02	PBA ePn 09 47 38 D	3.0
	iSg 48 26	
	P00 e 09 51 40	
	NDI e 09 52 13	
02	SHL eP 12 54 10	

JANUARY, 1969

- 2 -

MICROSEIS

DATE STN PHASE H. M. S. Δ Deg.

DATE STN PHASE H. M. S. Δ Deg.

02 EPC: 53.9N, 160.6E
Near East Coast of Kamchatka
- H = 14h 07m 05.2s(USCGS)
Depth = 76Km,
Mag. = 4.9(CGS)

CHA iP 14 16 59
NDI eP 14 17 27
P00 eP 14 18 29
KOD eP 14 18 55 CNE

02 SHL eP 17 28 37
BOK eP 17 29 11 7.1
eS 30 33
CHA iP 17 29 24.4 C 8.2
S 30 59
CAL e 17 29 40
VIS eP 17 29 45 9.3
eS 31 31
NDI eP 17 31 17 15.4
eS 34 09
P00 eP 17 31 39.5
BOM eP 17 31 49
e 39 21
MDR e 17 33 23
KOD e 17 34 43

02 EPC: 56.0S, 27.5W
South Sandwich Islands Region
Depth = 81Km
Mag. = 5.9(CGS)

NDI iP 18 09 30.5 D
SKS 16 24
CHA iP 18 09 41 D
i 15 39
SHL ePKP 18 09 43
BOM ePKP 18 09 57
e 17 29
P00 eP 18 17 22

02 CHA iP 18 29 50 D
BOK e 18 39 21

02 BOM e 19 29 47

02 DDI eP 20 05 51.8
i 07 18.8

02 P00 eP 20 25 49.5

02 SHL eP 21 20 09

02 EPC: 37.1N, 57.9E
Iran-USSR Boarder Region
- H = 03h 16m 33.1s(USCGS)
Depth = 11Km, Mag. 5.6 (CGS)
50 killed and 300 injured
in North.East Khurasan
Province, Iran.

BHK eP 03 20 32
e 25 32
NDI eP 03 20 51 18.8
eS 24 18 Mag.6.0
SS 24 44
DDI eP 03 20 52 18.9
eS 24 20
BOM iP 03 21 36 CE 23.9
PP 22 08
eS 25 50
P00 eP 03 21 47 24.3
eS 26 04
SHL iP 03 22 58 C
MDR eP 03 23 00 31.6
eS 28 09
KOD iP 03 23 08.0 DNW

03 EPC: 18.2S, 88.1E
South Indian Ocean
- H = 03h 56m 59.4s(USCGS)
Depth = N, Mag. 5.3(CGS)

P00 eP 04 04 27
NDI iP 04 05 36.0 DS

03 KOD eP 06 25 04
NDI e 06 34 35

03 BOK e 08 23 07

03 BOK e 08 51 04

03 BOK e 09 38 28

03 EPC: 14.5N, 91.7W
Gautamala
- H = 11h 19m 13.6s(USCGS)
Depth = 89 Km.
Mag. = 5.0 (CGS)

NDI iP 11 38 26
MDR ePKP 11 38 54

03 KOD iP 11 49 04.5

03 NDI i 12 47 15
e 47 23

03 KOD iP 13 26 13.0 D

03 KOD iP 13 30 45.0 DNW

NOVEMBER, 1969

- 4 -

DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
	P00	eP	01 42 18.3						
05	EPC:		39.9N, 75.8E		05	SHL	eP	11 43 14	
			Southern Sinkiang		contd.	DDI	eP	11 43 21	
			Province, China			NDI	eP	11 43 49.5	
			- H = 02h 38m 51.8s(USCGS)			e		44 41	
			Depth = N, Mag. = 4.8(CGS)			e		45 28	
	DDI	iP	02 41 13.2 C	9.6	05	DDI	eP	12 29 44	
		eS	43 01			NDI	iP	12 29 54.5 DN	8.7
	NDI	iP	02 41 33.3 D	10.9		iS		31 35	
		iS	43 35			BHK	eP	12 30 30	
	SHL	iP	02 43 18	D	05	NDI	i	13 14 40	
05	EPC:		4.1N, 125.6E		05	EPC:		8.0S, 158.9E	
			Taland Island					Solomon Island	
			- H = 07h 28m 55.8s(USCGS)					- H = 13h 26m 39.9s(USCGS)	
			Depth = 59Km, Mag. = 5.3(CGS)					Depth = 47 Km	
	SHL	iP	07 36 18					Mag. = 6.4(CGS),	
	MDR	eP	07 37 21	45.9				7.5(PAS), 6 $\frac{3}{4}$ -7(BRK), 6 $\frac{1}{2}$ (PAL)	
		eS	44 00					Slight damage at Santa Isabel	
	DDI	eP	07 38 01					Island, Also felt at Honian	
	NDI	eP	07 38 02			PBA	iP	13 37 41	CE 68.8
	BOM	eP	07 38 18	43.2		PP		40 13	
		eS	45 43			eS		46 39	
	KOD	e	07 52 33			PS		47 06	
05	NDI	ePg	09 10 48.3	0.21		SHL	iP	13 38 08	74.3
		iSg	10 51.2			PP		40 52	
						iS		47 35	
05	EPC:		28.0N, 85.2E NEPAL			CAL	iP	13 38 25	SE 75.8
			- H = 09h 56m 41.1s(USCGS)			iS		48 00	
			Depth = Normal.		05	VIS	iP	13 38 28	76.9
	BOK	eP	09 57 50			ePP		40 58	
		SSS	58 52			iS		48 09	
	SHL	eP	09 58 15			eSS		52 38	
	DDI	eP	09 58 22	6.3	05	BOK	iP	13 38 35	78.7
		eS	59 35			PP		41 27	
	NDI	ePn	09 58 26.0	6.5		iS		48 25	
		eSn	59 41.5			SKS		48 36	
	BHK	eP	09 58 43			SS		53 37	
	VIS	eP	09 58 50		05	MDR	iP	13 38 51	79.9
		e	10 01 45			PP		41 53	
	CAL	e	09 59 57			iS		48 47	
05	BOM	eP	10 02 47	5.2	05	KOD	iP	13 39 03	84.1
		eS	03 48			S		49 20	
	KOD	eP	10 04 23			PS		50 40	
05	NDI	e	11 15 21			TRD	iP	13 39 06	84.7
05	BOK	e	11 43 11			iS		49 26	
						SS		55 03	
						SEH	eP	13 39 16	85.5
						eS		49 40	

JANUARY, 1969

- 6 -

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DATE	STN	PHASE	H. M. S.	△	DATE	STN	PHASE	H. M. S.	△
				Deg.					Deg.
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06	P00	eP	06 57 11		06	BHK	eP	15 52 20	
contd.					contd.	BOM	iP	15 52 21	98.3
06	BOK		08 48 45			SKS	16 02 57		
06	EPC: 11.4N, 82.7W Near Coast of NICARAGUA - H = 09h 24m 23.2s(USCGS) Depth = N, Mag. 4.8(CGS)					eS	03 42		
	NDI	ePKP	09 43 47		06	EPC: 10.7S, 164.4E Santa Cruz Island Region - H = 17h 33m 40.5s(USCGS) Depth = N, Mag. 5.4(CGS)			
	P00	ePKP	09 43 57			SHL	eP	17 45 45	D
	KOD	iPKP	09 44 23.0	D		DDI	eP	17 46 49	
06	BOK	e	10 11 53			NDI	eP	17 46 50	
06	EPC: 10.5S, 164.5E Santa Cruz Island Region - H = 15h 39m 00.9s(USCGS) Depth = 32 Km, Mag. = 6.2(CGS) 7.1(PAS), 6 ³ / ₄ -7(BRK ¹ / ₂) 6.0 (PAL)					P00	eP	17 46 56	
	PBA	eP	15 50 43	74.7	06	NDI	iSg	19 40 16.3	
		eS	16 00 15		06	SHL	iP	20 05 29	
	SHL	iP	15 51 05	DW 79.1	06	P00	eP	20 38 06	
		iS	16 01 00		06	EPC: 18.4S, 70.7W Near Coast of Norther Chile - H = 20h 18m 31.3s(USCGS) Depth = 72 Km. Mag. = 4.9(CGS)			
	VIS	eP	15 51 05	DE		NDI	iPKP	20 38 10	
	CAL	iP	15 51 24	SE 82.1		KOD	ePKP	20 38 13	
		eS	16 01 34			DDI	iPKP	20 38 13	
	BOK	eP	15 51 31	85.3		MDR	ePKP	20 38 20	
		PP	54 51		07	SHL	iP	20 08 59	
		SKS	16 01 34			EPC: 6.2S, 145.4E East New Guinea - H 01h 14m 14.1s(USCGS) Region Depth=97Km Mag.5.3(CGS)			
		iS	01 57			SHL	iP	01 24 55	
		PS	03 03			VIS	iP	01 24 57	
	MDR	eP	15 51 45	89.0		NDI	iP	01 25 47	D 75.5
		SKS	16 02 12				eS	05 15	
		eS	02 28			DDI	eP	01 25 47	
	KOD	iP	15 51 57.0	D		P00	iP	01 25 50.7	D
		iSKS	16 02 28		07	SHL	eP	02 12 25	
	TRD	iP	15 52 01	93.4	07	SHL	eP	05 12 14	
		eS	03 03		07	EPC: 26.1N, 129.5E RYUKYU Island - H = 07h 01m 55.2s(USCGS) Depth = 61 Km. Mag. = 5.3 (CGS)			
	DDI	eP	15 32 10			SHL	iP	07 08 33	D
		e	16 03 05			BOK	eP	07 09 23	
	NDI	eP	15 52 11			DDI	iP	07 10 10	D
		PPP	57 51			NDI	iP	07 10 15.3	DE 46.9
		SKS	16 02 44				PCP	11 50	
		eS	03 12				eS	17 00	
	GOA	eP	15 52 15						
		e	03 34						
	P00	eP	15 52 16	94.6					
		eS	16 03 23						
		SS	09 56						

JANUARY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
-----					-----				
07	P00	eP	07 10 58		08	BOM	ePg	06 20 26	0.2
contd.	KOD	iP	07 10 58.5	D			eSg	20 28	
07	EPC: 9.3S, 157.5E Solomon Island - H = 07h 28m 59.4s(USCGS) Depth = N					08	BOK	e	08 35 02
	SHL	iP	07 40 22	C	08	EPC: 3.6S, 127.8E CHERAM - H = 13h 56m 28.0s(USCGS) Depth = 74 Km. Mag. = 4.9(CGS)			
07	SHL	iP	14 36 27	C		NDI	iP	14 06 18	
07	EPC: 10.8S, 164.4E Santa Cruz Island Region - H = 17h 46m 45.8s(USCGS) Depth = 29 Km Mag. = 5.3(CGS)					08	DDI	eP	16 46 22
	SHL	iP	17 58 51	C		NDI	eP	16 47 07	
	BOK	eP	17 59 05		08	BOM	e	18 57 53	
	VIS	eP	17 59 39		08	NDI	iPg	19 45 51.3	CS 0.27
	NDI	eP	17 59 56				Sg	45 54.5	
07	NDI	eP	18 29 04				iSn	45 55.1	
07	DDI	eP	19 34 34.5	12.0	08	EPC: 11.8N, 143.1E South of Mariana Island - H = 21h 55m 48.1s(USCGS) Depth = N, Mag. 4.5(CGS)			
		eS	36 50			SHL	iP	22 04 45	C
	NDI	eP	19 34 47	12.7		DDI	iP	22 06 12.6	C
		e	34 51			NDI	eP	22 06 17	
		iS	37 11			KOD	iP	22 06 26	DE
07	EPC: 51.6N, 159.5E Off East Coast of Kamchatka - H = 21h 57m 05.8s(USCGS) Depth = N, Mag. = 4.6(CGS)						P00	eP	22 06 40
	SHL	iP	22 06 47	C	08	SHL	eP	23 46 59	
	P00	eP	22 08 33			DDI	eP	23 47 38	
08	NDI	i	03 02 52		08	NDI	i	23 47 52	
08	NDI	i	03 30 28		09	NDI	i	03 15 42	
08	SHL	eP	03 44 09	1.7	09	EPC: 38.2N, 74.01E Tadghik Sinkiang Boarder Region - H = 07h 45m 02.9s(USCGS) Depth = 137Km Mag. = 5.0 (CGS)			
		eS	44 23			DDI	eP	07 47 06	8.4
08	DDI	eP	05 04 40				eS	48 40	Mag. 5.9
08	NDI	eP	05 05 01			NDI	eP	07 47 22	9.6
		i	06 44				i	49 03	
08	EPC: 17.4N, 60.3E Arabian Sea - H = 06h 03m 16.5s(USCGS) Depth = 33 Km, Mag. 4.7(CGS)						iS	49 08	Mag. = 5.6
	P00	eP	06 06 28			P00	eP	07 49 24	
	NDI	iP	06 07 41			BOK	e	07 52 01	
	BOK	eP	06 08 46		09	BOK	e	08 14 49	
					09	CHA	iP	08 34 25.0	C 6.7
							S	35 41.7	

JANUARY, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.
09	BOK	e	08	43	06	
09	BOK	e	09	00	29	
09	BOM	e	09	15	37	
09	SHL	eP	09	33	23	CSW
09	CAL	i	11	01	21	
	SHL	eP	11	01	42	
	BOK	e	11	01	47	
	CHA	iP	11	02	00	C
09	NDI	eP	11	05	56	8.4
		eS		07	32	
	P00	e	11	06	47	
09	CHA	iP	12	28	35.5	3.4
	PPP			28	50	
	S			29	13	
	SS			29	23	
	NDI	e	12	35	25	
	P00	eP	12	35	30	
09	KOD	iP	13	45	31.0	DE
09	EPC: 6.6S, 148.0E New Britain Region - H = 13h 43m 08.3s(USCGS) Depth = 66 Km Mag. = 5.0 (CGS)					
	SHL	eP	13	53	31	
	NDI	iP	13	54	52	
	P00	eP	13	54	56	
09	NDI	e	15	46	22	
09	NDI	e	15	46	56	
09	EPC: 6.7S, 148.1E New Britain Region - H = 15h 48m 00.4s(USCGS) Depth = 68 Km. Mag. = 4.2(CGS)					
	SHL	eP	15	58	24	
	KOD	eP	15	59	23	
	NDI	eP	15	59	46	
	P00	eP	15	59	50	
09	EPC: 7.8S, 158.7E Soloman Island - H = 16h 32m 51.7s(USCGS) Depth = 31 Km. Mag. = 4.9 (CGS)					
	SHL	iP	16	44	21	D

DATE	STN	PHASE	H.	M.	S.	△ Deg.
09 contd.	CHA	iP	16	44	45	D
	NDI	i	16	45	31	
09	NDI	e	18	42	39	
09	BOM	e	21	01	15	
09	DDI	eP	21	25	28	
	NDI	eP	21	25	38	8.8
		eS		27	19	
	CHA	eP	21	27	10	
09	SHL	iPg	21	31	47	C 0.8
		eSg		31	59	
09	EPC: 41.4N, 140.3E Hokkaido, Japan, Region H = 21h 33m 24.4s(USCGS) Depth = 132Km Mag. = 4.3 (CGS)					
	CHA	iP	21	41	35	C
	NDI	eP	21	42	21	
10	P00	eP	01	01	47	
10	CHA	ePg	01	22	42.3	0.9
		Sg		22	56.3	
10	EPC: 29.0N, 130.7E Ryukyo Islands - H = 03h 20m 54.9s(USCGS) Depth = N, Mag. = 5.5 (CGS)					
	SHL	iP	03	27	41	CSW
	BOK	eP	03	28	27	
	NDI	eP	03	29	19	
		i		29	29	
	P00	eP	03	30	07	
	BOM	eP	03	30	11	
10	SHL	eP	05	48	41	
10	NDI	i	06	00	39	
10	BOK	e	08	19	13	
10	BOK	e	08	59	52	
10	P00	ePg	11	12	02.5	1.3
		eSg		12	19.3	
	BOM	ePg	11	12	16	1.9
		eSn		12	37	
	KOD	e	11	15	42	
10	NDI	eP	11	28	19	
	DDI	eP	11	28	23	
10	DDI	eP	13	33	08	

JANUARY, 1969

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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10	NDI e		13 34 03		01	NDI e		04 56 00	
contd.					contd.				
10	EPC: 13.2S, 69.2W				11	KOD eP		06 41 08	
	Peru-Bolivia Boarder Region				11	BOK e		07 23 11	
	- H = 13h 37m 24.0s(USCGS)				11	P00 e		12 11 47	
	Depth = 636 Km.				11	DDI ePn		14 11 51	2.9
	Mag. = 4.0 (CGS)					eSn		12 27	
	NDI ePKP		13 55 53		11	SHL eP		16 35 47	
10	SHL ePg		14 50 35		11	SHL iP		20 25 51	C
	eSg		50 55		11	BOM e		21 45 50	
10	SHL eP		14 54 13		11	DDI e		22 59 31	
10	CHA iPg		16 17 01.9 C	1.5	11	EPC: 31.1N, 138.2E			
	Sg		17 22.2			South of Honshu, Japan			
10	EPC: 41.6N, 32.6E					- H = 23h 48m 02.2s(USCGS)			
	Turkey					Depth = 469 Km			
	- H = 16h 33m 14.5s(USCGS)					Mag. = 4.5(CGS)			
	Depth = 18 Km.					SHL iP		23 55 02	D
	Mag. = 4.6 (CGS)					CHA iP		23 55 32	D
	NDI eP		16 40 37			DDI iP		23 56 22.3	D
10	SHL eP		17 28 15			NDI iP		23 56 30.1	DNE 53.4
10	EPC: 32.5N, 48.7E					iS		24 03 23	
	Western Iran					P00 iP		23 57 16.0	D
	- H = 23h 16m 37.2s(USCGS)					KOD iP		23 57 21.5	CW
	Depth = 62 Km.				12	SHL iP		00 54 19	D
	Mag. = 4.6 (CGS)					NDI eP		00 55 57	
	NDI eP		23 21 55		12	P00 ePg		00 19 49	1.2
11	SHL ePg		00 37 01	0.9		iSg		20 05	
	eSg		37 13			iSn		20 07.3	
11	NDI ePn		02 16 20 C	2.77	12	SHL eP		08 01 33	
	iPg		16 27.5		12	NDI iSg		08 15 16.0	
	eSg		17 05	Mag. = 4.1	12	SHL eP		11 44 43	
	BHK ePn		02 16 24	3.3	12	DDI eP		12 18 15	
	eSn		17 03.4		12	P00 e		13 04 05	
11	KOD eP		02 23 04		12	EPC: 14.1S, 72.7W PERU			
11	SHL eP		02 49 37			- H = 14h 12m 53.0s(USCGS)			
11	EPC: 28.4S, 177.0W					Depth = 113Km, Mag = 5.2(CGS)			
	KERMADECIslands					P00 ePKP		14 32 25	
	- H = 04h 26m 26.8(USCGS)					NDI iP		14 32 27.0	
	Depth = 68Km, Mag. = 5.4(CGS)					pPKP		32 55	
	Mag. = 6.6(PAS), 5 ³ / ₄ -6(GOL)					DDI ePKP		14 32 28	
	BOK e		04 44 23			KOD iP		14 32 36.5	D
11	MDR e		04 45 04		12	SHL eP		19 59 54	
	e		54 36						
	e		05 23 10						
	BOM eP		04 46 03						
	e		48 39						
	SKS		53 12						
	SKKS		55 50						

JANUARY, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.
12	NDI	eP	21	34	31	
		i		35	13	
12	SHL	iP	22	21	17	D
	DDI	iP	22	23	38	
	NDI	iP	22	23	51.5	DNW 8.5
		iS		25	29	
12	SHL	eP	23	20	19	
13	CHA	iP	00	58	59	C
	NDI	ePn	00	59	16.0	6.0
		eP*		59	41.0	
		eSn	01	00	26.5	
	BOK	e	00	59	35	
	SHL	eP	00	59	51	
13	DDI	eP	01	59	02	
13	NDI	e	02	59	18	
13	NDI	ePn	03	29	58	6.3
		eSn		31	11	
	DDI	e	03	31	13	
13	SHL	iP	04	43	25	CNW
13	NDI	eP	05	05	43	
13	EPC: 13.7N, 120.6E					
	Mindora Philippine Island					
	- H = 05h 37m 30.0s(USCGS)					
	Depth = 121 Km.					
	Mag. = 5.0 (CGS)					
	DDI	eP	05	45	16	
13	EPC: 37.1S, 73.6W					
	Near Coast of Central Chile					
	- H = 06h 36m 37.0s(USCGS)					
	Depth = N, Mag. 4.9(CGS)					
	Felt at Concepcion					
	P00	ePKP	06	56	10	
	BOM	ePKP	06	56	11	
		ePP		59	14	
		e	07	02	35	
	MDR	ePKP	06	56	16	
		e		57	33	
	NDI	ePKP	06	56	24	
		PP	07	00	28	
		e		10	40	
	VIS	ePKP	06	56	32	
	BOK	ePKP	06	56	33	
13	BOK	e	07	54	34	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
13	EPC: 34.7N, 25.2E CRETE					
	- H = 07h 57m 07.0s(USCGS)					
	Depth = 47 Km.					
	Mag. = 4.6 (CGS)					
	NDI	eP	08	05	15	
	KOD	eP	08	07	42	
	BOK	e	08	20	39	
13	NDI	e	08	52	36	
13	NDI	e	08	57	44	
13	EPC: 8.0S, 158.9E					
	Soloman Island					
	- H = 08h 55m 03.9s(USCGS)					
	Depth = 48 Km.					
	Mag. = 5.7 (CGS)					
	SHL	iP	09	06	33	DSE
	BOK	eP	09	06	59	
	VIS	iP	09	07	05	DW
	MDR	eP	09	07	15	
	KOD	iP	09	07	28.0	C
	NDI	iP	09	07	42.4	D 86.9
		eS		18	15	
	P00	eP	09	07	49	
	CHA	e	09	07	58	
		i		16	49	
13	EPC: 12.6N, 122.9E					
	Luzon, Philippine Island					
	- H = 10h 09m 23.6s(USCGS)					
	Depth = 24 Km.					
	Mag. = 4.6 (CGS)					
	SHL	iP	10	14	49	DW
13	EPC: 5.7S, 68.3E					
	Chagos Archipelago Region					
	- H = 10h 39m 40.7s(USCGS)					
	Depth = N,					
	Mag. = 4.6 (CGS)					
	MDR	eP	10	44	30	
		PP		44	59	
		e		48	38	
	P00	eP	10	45	00	
	NDI	eP	10	46	33	
13	NDI	e	11	08	20	
13	NDI	e	12	07	18	
13	NDI	e	14	19	18	

JANUARY, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.
15 contd.	MDR	eP	13	06	57	42.8
		PP		08	40	
		PCP		08	50	
		eS		13	18	
		SS		16	23	
	BOK	eP	13	06	58	
	CHA	iP	13	07	06	C 43.6
		S		13	32	
	KOD	eP	13	07	09	DE
	P00	eP	13	07	54	
	BOM	iP	13	08	02	50.8
		PP		09	58	
		eS		15	14	
	NDI	iP	13	08	07	C 51.6
		eS		15	24	
	DDI	iP	13	08	11	C 51.8
		eS		15	29	
15	NDI	e	14	26	15	
15	SHL	iP	14	57	21	CE
15	PBA	iPg	15	26	41.0	C 0.3
		iSg		26	44.5	
15	EPC: 7.2S, 107.0E JAVA					
	- H = 22h 51m 40.0s(USCGS)					
	Depth = N, Mag. 4.9(CGS)					
	KOD	iP	22	58	28.5	C
	P00	eP	22	59	27	
	NDI	eP	23	00	02	
15	NDI	ePn	23	13	51	2.2
		eSn		14	20	
16	EPC: 0.5.N, 98.7E					
	Northern Sumatra					
	- H = 07h 14m 12.8s(USCGS)					
	Depth = N, Mag. 5.2(CGS)					
	CHA	iP	07	19	26	C
	VIS	iP	07	19	30	C
	SHL	iP	07	19	43	CNW
	NDI	iP	07	21	01.4	CN
16	BOK	e	08	37	13	
16	NDI	iPg	09	44	23.3	C 1.6
		iSg		44	25.4	
		i		44	27.3	
10	EPC: 2.2N, 126.6E MOLUCCA					
	PASSAGE					
	- H = 10h 30m 12.1s(USCGS)					
	Depth=N, Mag. 5.1(CGS)					

DATE	STN	PHASE	H.	M.	S.	△ Deg.
16 contd.	SHL	iP	10	37	51	C
	NDI	iP	10	39	32	
16	BOM	e	13	13	30	
16	CHA	iPg	14	00	00.9	D 1.7
		Sg		00	23.1	
16	EPC: 50.6N, 159.9E					
	Kurile Island Region					
	- H = 14h 53m 58.0s(USCGS)					
	Depth = 50 Km. Mag. = 4.7(CGS)					
	SHL	iP	15	03	41	DNE
	CHA	iP	15	03	55	C
16	EPC: 27.6N, 129.2E					
	RYUKYU Island					
	- H = 15h 20m 42.6s(USCGS)					
	Depth = 38 Km. Mag. = 4.5(CGS)					
	CHA	iP	15	27	53.	D
	NDI	iP	15	29	00	D
	P00	eP	15	29	44	
16	EPC: 40.1N, 142.3E					
	Near East Coast of Honshu, JAPAN					
	- H = 15h 35m 15.5s(USCGS)					
	Depth = 45 Km. Mag. = 4.4(CGS)					
	SHL	eP	15	43	23	
	CHA	iP	15	43	45	D
	NDI	eP	15	44	36	
16	EPC: 5.5S, 153.2E					
	New Ireland Region					
	- H = 15h 51m 46.5s(USCGS)					
	Depth = 53 Km. Mag. = 4.9(CGS)					
	SHL	iP	16	02	38	
	CHA	iP	16	03	05	
	NDI	eP	16	03	55	
16	EPC: 20.8N, 144.9E					
	Mariana Islands					
	- H = 17h 06m 39.8s(USCGS)					
	Depth = 165 Km. Mag. = 4.5(CGS)					
	SHL	iP	17	15	09	D
	CHA	iP	17	15	39	
	NDI	eP	17	16	48	

JANUARY, 1969

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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16	contd.	P00 eP	17 17 13		17	contd.	DDI e	20 44 21	
16		SHL ePg eSg	20 55 24 55 37	1.3			CHA e	20 47 25	
16		MDR eP* eS*	20 56 26 56 47	1.5	17		EPC: 8.3N, 124.1E Midnao Philippine Island - H = 20h 59m 35.7s(USCGS) Depth = 41 Km. Mag. = 5.1(CGS), Felt at Cagayan De Oro city & Malayhaby		
16		P00 e	20 58 44 59 16				SHL iP	21 06 29	
16		BOM e	20 59 43				CHA iP	21 07 14	D
16		BOM ePg eSg	23 39 13 39 15	0.1	17		NDI iPg iSg	22 33 18.2 33 24.9	CSE 0.54
17		P00 ePg	01 38 47		18		SHL eP	01 40 07	CW
17		NDI eP eS e	03 12 24 14 32 14 37	11.3 Mag. = 5.0	18		EPC: 56.8S, 26.8W South Sandwich Island Region - H = 03h 02m 38.1s(USCGS) Depth = 141 Km. Mag. = 5.9(CGS)		
		DDI eP i e	03 12 39 14 36 14 49		18		NDI iP pPKP e	03 21 14.5 C 21 47 23 23	
17		NDI eP i eS	03 41 08 42 16 43 11	11.8			SHL ePKP	03 21 25	
17		NDI iPn iSn S	03 48 37 49 24 50 20	3.9			BOM e	03 22 02	
17		NDI i	06 01 39		18		EPC: 3.0S, 118.9E CELEBES - H = 03h 49m 55.5s(USCGS) Depth = N, Mag. 5.3(CGS)		
17		KOD iP	07 15 33	DW			PBA eS SHL iP	03 56 32 04 01 02 03 57 20	DSE
17		BOM e	07 50 34				CAL eP	03 57 30	
17		BOK e	08 11 39				VIS iP PP iS SS	03 57 43 59 21 04 03 57 06 59	CNW 41.8
17		NDI i	09 59 52				BOK eP	03 57 44	
17		BOM ePg eSg	12 59 29 59 30	0.1			MDR eP PP eS SS	03 57 46 59 27 04 04 03 07 04	42.2
17		NDI i	15 43 33				CHA iP eS	03 57 55 04 04 22	SE 43.6
17		DDI ePn Sn	16 47 41 48 17	2.9			KOD eP	03 57 59	CW
		NDI ePn iSn	16 48 04.0 48 58.0	4.5			TRD iP PP eS	03 58 00 59 46 04 27	W 43.8
17		NDI e	17 11 32				P00 eP eS	03 58 43 04 05 50	50.0
17		BOM e	19 00 05						
17		NDI e	19 44 35						
17		NDI eP eS	20 42 54 44 33	8.6					

JANUARY, 1969

- 14 -

DATE	STN	PHASE	H. M. S.	Δ Deg.
	BOM	iP	03 58 51	50.3
		PP	04 00 44	
		eS	06 00	
	NDI	iP	03 58 55.5 CW	51.6
		iS	04 06 12	
	DDI	eP	03 58 58	
		e	04 04 46	
18	EPC: 3.0S, 118.9E CALEBS - H = 03h 55m 43.8s(USCGS) Depth = N, Mag. = 5.3(CGS)			
	KOD	eP	04 03 45	
	NDI	iP	04 04 44 CNW	
18	P00	iPg	04 34 32 C	1.3
		eSg	34 48.5	
18	BOM	e	05 59 54	
18	NDI	e	06 41 05	
18	BOK	e	08 08 50	
18	BOK	e	08 23 08	
18	NDI	i	08 45 07	
18	BOK	e	09 04 47	
18	DDI	eP	17 58 08	
		i	59 47	
	NDI	eP	17 58 21	8.8
		iS	00 02	
	CHA	iP	17 59 48 D	
		e	18 02 43	
18	BOM	e	19 07 21	
18	SHL	iPg	19 14 13	1.4
		eSg	14 32	
18	SHL	eP	20 41 22	
18	CHA	iPg	20 50 32.3	1.4
		Sg	50 50.3	
18	PBA	ePg	21 23 12.9	0.6
		iSg	23 20.4	
18	NDI	eP	22 40 50	
18	DDI	eP	22 43 07	7.7
		iS	44 36	
	NDI	iP	22 43 23	8.7
		i	44 58	
		iS	45 01	
18	NDI	e	23 44 30	

DATE	STN	PHASE	H. M. S.	Δ Deg.
19	EPC: 28.0N, 88.9E - H = 00h 48m 53s(New Delhi)			
	CHA	iPg	00 49 34.4 D	1.5
		S*	49 41	
	SHL	eP	00 49 55	
	BOK	eP	00 50 16	
	NDI	ePn	00 51 27	9.0
		eSn	52 44	
		i	53 10	
19	SHL	eP	02 14 58	
19	BOM	e	02 31 32	
19	SHL	ePg	02 45 15	1.4
		eSg	45 33	
19	P00	iPn	03 34 57.8 D	1.2
		eSg	35 13	
19	BOM	ePn	03 39 11	1.7
		eSn	39 33	
19	KOD	eP	03 53 14	
19	PBA	i	06 45 55	
19	PBA	i	07 05 16	
19	EPC: 45.0N, 143.2E Hokkaido Japan Region - H = 07h 02m 04.4s(USCGS) Depth = 204 Km, Mag. 6.1(CGS), 7(PAS), 6 $\frac{1}{2}$ -6 $\frac{3}{4}$ (GOL) Felt in Northern Hokkaido			
	BHK	e	07 10 00	
		e	17 09	
19	SHL	iP	07 10 03	DNE 44.0
		iS	16 17	
	CAL	iP	07 10 40	E 49.7
		eS	17 30	
	BOK	iP	07 10 43	CNE 50.2
		pP	11 27	
		PP	12 31	
		PPP	13 23	
		iS	17 36	Mag. = 7
	CHA	iP	07 10 47	
		e	18 52	
	DDI	eP	07 10 57	51.5
		eS	17 58	
	NDI	iP	07 11 07.5	DNE 52.9
		pP	11 52	
		PP	13 10	
		eS	18 16	
		ES	19 20	

JANUARY, 1969

- 15 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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19	contd.	PBA iP	07 11 13	CNW	19	VIS iP	19 03 38	CW	88.4
		e	18 29		contd.	eSKS	13 55		
		VIS iP	07 11 30	CSW 56.2		MDR eP	19 03 45		89.2
		PP	13 37			SKS	14 05		
		eS	19 00			eS	14 21		
		MDR iP	07 12 04	DW 61.7		CHA iP	19 03 55	DSE	92.2
		PP	14 15			eSKS	14 11		
		eS	20 07			TRD eP	19 03 55		92.2
		SS	24 02			iSKS	14 14		
		P00 iP	07 12 07.7	C 61.8		KOD iP	19 03 56.0		92.4
		pP	12 54			eSKS	14 20		
		PP	14 21			NDI iP	19 04 11	.7 DSE	96.0
		eS	20 11			iSKS	14 37		
		SS	21 50			eS	15 24		
19	BOM	iP	07 12 12	DNE 62.0		DDI iP	19 04 12	D	
		iS	20 17			P00 eP	19 04 16		97.0
	GOA	eP	07 12 21.3	63.0		eSKS	14 42		
		eS	20 32			BHK eP	19 04 18		97.5
	KOD	iP	07 12 29.0	DNE 65.7		iSKS	14 45		
		iS	20 56			BOM eP	19 04 21		98.2
	TRD	iP	07 12 38	66.5		iSKS	14 48		
		PP	15 03			eS	15 42		
		iS	21 10						
19	SHL	iP	17 27 03	DNE	20	KOD eP	00 52 07		
	NDI	eP	17 28 44		20	KOD iP	01 53 25.0	CSE	
19	EPC: 41.1N, 142.6E Hokkaido Japan Region - H = 18h 04m 24.7s(USCGS) Depth = 55 Km, Mag. 4.8(CGS) Felt in Norther Honshu					20	EPC: 10.2S, 164.5E Santa Cruz Island Region - H = 04h 46m 10.2s(USCGS) Depth = N, Mag. 5.0 (CGS)		
	SHL	eP	18 12 33		20	NDI e	04 59 24		
	NDI	eP	18 13 44		20	BOM e	05 10 32		
19	EPC: 14.9S, 167.2E New Hebrid Islands - H = 18h 50m 52.1s(USCGS) Depth = 112Km, Mag. 6.2(CGS) 6 $\frac{3}{4}$ (PAS), 6 $\frac{1}{4}$ -6 $\frac{1}{2}$ (GOL) Felt at LamapandPat Vila					20	EPC: 2.3N, 96.6W, West Galapagas Island - H = 05h 01m 30.4s(USCGS) Depth = N, Mag. = 4.3(CGS)		
	PBA	iP	19 02 45	DS 79.0		NDI ePKP	05 21 21		
		eS	12 31		20	EPC: 56.5N, 152.6W Kodaik Island Region - H = 05h 40m 12.8s(USCGS) Depth = 38 Km. Mag. = 4.7 (CGS)			
	SHL	iP	19 03 11	DSE 83.2		NDI eP	05 52 59		
		eS	13 18		20	NDI e	07 52 53		
	CAL	eP	19 03 28		20	NDI i	09 17 10		
		e	13 55						
	BOK	iP	19 03 32	DSE 87.2					
		iSKS	13 49						

JANUARY, 1969

DATE	STN	PHASE	H.	M.	S.		△ Deg.
24	KOD	iP	19	53	09	C	
contd.							
24	NDI	iSg	23	06	02.9		
24	SHL	eP	23	24	12		
25	NDI	eP	00	17	48		
		i		18	06		
25	EPC: 0.8N, 124.1E Molucca Passage - H = 05h 19m 17.1s(USCGS) Depth = 24 Kms. Mag. = 5.9(CGS), 6.2(PAS)						
	PBA	eP	05	26	12		
		PPP		27	42		
		PcP		28	50		
	SHL	iP	05	27	00	DN	39.4
		eS		33	00		
	BOK	iP	05	27	31	DW	44.6
		iS		34	06		
		SS		37	17		
	VIS	iP	05	27	40	DE	45.9
		eS		34	22		
	CHA	eP	05	27	42		
		e		37	30		
	MDR	eP	05	27	48		46.7
		PP		29	37		
		eS		34	35		
		SS		37	50		
		SSS		38	57		
	KOD	iP	05	28	05	DNE	
	TRD	iP	05	28	07	E	48.2
		eS		35	03		
	NDI	eP	05	28	41		52.5
		eS		36	04		
	P00	eP	05	28	41		52.5
		eS		36	04		
	BOM	iP	05	28	49	C	53.8
		eS		36	20		
25	NDI	eP	10	47	56		
25	P00	eP	10	48	02		
25	EPC: 55.9N, 162.9E Near East Coast of Kamchatka - H = 12h 10m 13.3s(USCGS) Depth =N, Mag. 4.9(CGS)						
	NDI	eP	12	20	46		
	P00	eP	12	21	48		
25	BOK	e	12	59	27		

DATE	STN	PHASE	H.	M.	S.		△ Deg.
25	JAVA EPC: 7.6S, 109.0E - H = 13h 12m 37.9s(USCGS) Depth = 17Km, Mag. = 4.8(CGS)						
	P00	eP	13	20	44		
	NDI	eP	13	21	13		
25	SHL	eP	17	34	47		
25	SHL	ePg	17	36	52		1.4
		eSg		37	11		
25	NDI	e	22	49	49		
25	NDI	eP	23	26	52		8.1
		eS		28	25		
25	EPC: 22.9N, 92.3E India E.Pakistan Border Region - H = 23h 34m 28.4s(USCGS) Depth = 50 Km. Mag. = 5.2(CGS)						
	SHL	iPn	23	35	09		2.4
		i		35	21		
		eSn		35	39		
		i		35	54		
	BOK	iPn	23	35	56	CW	5.5
		iSn		36	59		
		SS		37	09	Mag. = 5.0	
		SSS		37	20		
	CHA	iP	23	35	58.0		5.7
		S		37	03		
	VIS	eP	23	36	53		
		e		38	31		
	SEH	eP	23	37	47		
	NDI	eP	23	37	51		13.6
		eS		40	22	Mag. = 5.7	
	DDI	iP	23	37	53	D	13.8
		eS		40	26		
	MDR	eP	23	37	59		15.8
		eS		40	48		
	P00	eP	23	38	32		16.7
		eS		41	35		
	BOM	iP	23	38	43	CW	17.8
		PP		38	58		
		eS		41	57		
	GOA	eP	23	38	49		19.6
		eS		42	21		
25	KOD	iP	23	53	50.0	DS	
		i		57	09		

JANUARY, 1969

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
26	MDR	eP	15	17	15	75.1	27	EPC: 80.8N, 121.9E					
contd.	eS		26	51				East of Severnaya Zemlya					
	SKS		27	21				- H = 06h 37m 57.6s(USCGS)					
	KOD	eP	15	17	37			Depth = 37 Km, Mag. 5.0(CGS)					
26	KOD	iP	15	33	04.0 C			SHL e	06	47	19		
26	EPC: 25.1N, 122.6E							NDI iP	06	47	24.5 D		
	Taiwan Region							BOK eS	06	56	03		
	- H = 15h 39m 38.5s(USCGS)							27	SHL ePg	07	00	56	0.9
	Depth = 146Km, Mag. 5.1(CGS)							27	eSg	01	07		
	SHL iP	15	45	18	D			27	KOD eP	07	03	37	
	CHA iP	15	46	15	D			27	KOD iP	07	05	24.2 D	
	NDI iP	15	47	23.1				27	NDI iSg	07	08	20.5	
	P00 iP	15	48	04.7				27	NDI i	07	11	21	
	TRD e	15	50	30				27	P00 iPg	10	39	41.0 C	1.2
26	P00 eP	16	00	33					iSg	39	57.0		
26	EPC: 01.9N, 126.5E							BOM iPn	10	39	51.0 D	1.7	
	Molucca Passage							P*	39	53			
	- H = 16h 38m 50.7s(USCGS)							iSn	40	14			
	Depth = 87Km, Mag. = 4.9(CGS)							KOD e	10	42	45		
	SHL iP	16	46	09	CNW			27	EPC: 37.3N, 71.5E				
	CHA eP	16	47	04					Afghanistan USSR Border Region				
	KOD iP	16	47	33.5 C					- H = 10h 59m 27.2s(USCGS)				
	NDI eP	16	48	07					Depth = 49 Km				
	P00 eP	16	48	07					Mag. = 5.2 (CGS)				
26	EPC: 56.0N, 163.1E							BHK e	11	01	16	6.6	
	North E.Coast of Kamchatka							eSn	02	32.0			
	- H = 16h 45m 15.1s(USCGS)							DDI eP	11	01	37	9.0	
	Depth = N, Mag = 4.9(CGS)							iS	03	19			
	CHA eP	16	55	25				NDI eP	11	01	49	9.3	
	NDI eP	16	55	47				iS	03	33	Mag. 4.8		
	P00 eP	16	56	49				CHA iP	11	03	20	D	16.0
26	EPC: 55.9N, 163.0E							eS	06	15			
	Off E.Coast of Kamchatka							BOK e	11	03	38		
	Depth = 21Km, Mag. = 5.0(CGS)							P00 eP	11	03	45		
	CHA iP	16	59	05	D			SHL iP	11	03	53	P	
	NDI eP	16	59	22				VIS eP	11	04	23		22.7
	P00 eP	17	00	28				eS	08	23			
27	NDI i	02	29	35				MDR eP	11	05	19		26.9
27	BOK e	03	19	25				eS	09	50			
27	SHL ePg	04	35	42	1.4			27	EPC: 8.8N, 137.7E				
	eSg	36	01						West Carvoline Island				
27	NDI e	05	59	42					- H = 13h 15m 24.4s(USCGS)				
									Depth = 5 Km.				
									Mag. = 5.5 (CGS)				
								PBA eP	13	23	36		44.7
								eS	30	13			

JANUARY, 1969

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
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27	SHL	iP	13	23	40	CW 46.0	27	P00	eP	18	37	41		
contd.	eS			30	25		contd.							
	CAL	eP	13	24	19	50.1	27	EPC:	43.7N, 140.7E					
	S			31	31			Hokkaido, Japan Region						
	CHA	iP	13	24	28	DW 51.2		- H = 18h 37m 42.2s(USCGS)						
	PP			26	24			Depth = 220 Km., Mag. 4.6(CGS)						
	S			31	46			SHL	iP	18	45	10	D	
	BOK	iP	13	24	35	CNW 52.3		CHA	iP	18	45	48	C	
	PP			26	37			PCP			47	19		
	iS			32	00			NDI	iP	18	46	33.3		
	SS			35	32			P00	eP	18	47	34		
	VIS	iP	13	24	51	DE 54.5		KOD	iP	18	47	54.0	C	
	PP			26	53			28	EPC:	19.0N, 121.1E				
	iS			32	29				Philippine Islands Region					
	SS			36	02				- H = 00h 25m 26.5s(USCGS)					
	MDR	iP	13	25	11	CE 56.7			Depth = 76 Km., Mag. 4.4(CGS)					
	PP			27	13				SHL	iP	00	30	54	C
	eS			33	03			28	BOM	e	05	00	34	
	SS			36	57				NDI	e	05	05	05	
	SSS			37	01			28	EPC:	43.9N, 145.9E				
	KOD	iP	13	25	31.0	CW			Hokkaido Japan Region					
	DDI	iP	13	25	32.5	C			- H = 05h 38m 34.5s(USCGS)					
	TRD	eP	13	25	34				Depth = 51 Km. Mag. 4.5(CGS)					
	e			33	43				NDI	iP	05	48	09.0	DNE
	NDI	iP	13	25	34.0	CW 61.0		28	KOD	eP	07	18	07	
	eS			33	52			28	BOK	e	08	35	42	
	P00	iP	13	25	51.5	C 62.5		28	SHL	eP	08	54	36	
	eS			34	18			28	P00	eP	12	32	07	
	BOM	eP	13	25	58	63.7		28	SHL	iP	13	22	03	CW
	eS			34	32				CHA	iP	13	22	49.1	D 8.1
27	EPC:	12.5N, 144 4E							eS		24	22		
	South China Sea								BOK	e	13	23	15	
	- H = 14h 39m 58.3s(USCGS)								CAL	e	13	23	29	
	Depth =N, Mag. 5.3(CGS)							28	NDI	iPg	14	06	27.5	C 0.25
	SHL	iP	14	45	03	D			iSg		06	30.7		
	CHA	eP	14	45	57			28	P00	ePg	15	36	04	
	KOD	eP	14	47	02			28	SHL	ePg	16	58	41	0.7
	NDI	eP	14	47	15				eSg		58	51		
	P00	eP	14	47	28			28	CHA	i	17	17	05	
27	EPC:	13.2S, 166.9E						28	SHL	eP	18	39	06	
	New Hebrids Islands							28	NDI	i	19	17	26	
	- H = 18h 24m 23.0s(USCGS)							28	EPC:	7.7S, 106.7E JAVA				
	Depth = 130 Km., Mag. 5.1(CGS)													
	SHL	iP	18	36	17	CNW								
	CHA	iP	18	36	55	D								

JANUARY, 1969

- 24 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
- H = 19h 30m 21.9s(USCGS) Depth = 80 Km. Mag. = 5.3(CGS)						
	SHL	iP	19	37	17	C
	CHA	iP	19	37	44	C
		PCP		39	55	
	P00	iP	19	38	04.7	C
	NDI	iP	19	38	38.9	DSE 46.1
		eS		45	20	
	DDI	eP	19	38	48	
28	SHL	iP	21	07	15	D
28	SHL	iPg	21	30	23	C 1.1
		eSg		30	38	
28	CHA	ePg	22	04	35.9	
28	SHL	ePg	22	20	07	0.7
		eSg		20	17	
28	SHL	eP	23	41	21	
29	P00	eP	03	28	32	
29	EPC: 56.0N, 163.1E Near E.Coast of Kamchatka - H = 05h 19m 9.4s(USCGS) Depth = N, Mag. = 4.8(CGS)					
	P00	eP	05	30	43	
29	BOM	e	05	49	36	
29	EPC: 4.7S, 153.2E New Ireland Region - H = 08h 34m 51.3s(USCGS) Depth = 70 Km. Mag. = 4.6(CGS)					
	SHL	iP	08	45	37	C
	KOD	eP	08	46	39	D
	NDI	eP	08	46	54	
	P00	eP	08	47	02	
29	BOK	i	09	07	33	
29	EPC: 24.6N, 121.8E TAIWAN - H = 11h 22m 42.1s(USCGS) Depth = 77Km, Mag. 4.9(CGS)					
	SHL	iP	11	28	20	CW
	NDI	iP	11	30	09.8	CW
	P00	eP	11	30	50	
29	SHL	iP	12	59	47	D
29	SHL	eP	14	27	19	
	CHA	iP	14	28	07	C

DATE	STN	PHASE	H.	M.	S.	△ Deg.
29	P00	ePg	15	33	46	
29	CHA	iP	15	42	49.3	D 2.3
		S		43	18.4	
29	SHL	eP	16	15	41	
29	BOM	e	16	58	02	
29	P00	eP	17	08	14	
	MDR	e	17	08	15	
		e		08	19	
		e		12	13	
	TRD	e	17	10	34	
	BOM	e	17	11	43	
29	EPC: 17.2S, 171.6W Tonga Islands Region - H = 17h 44m 31.1s(USCGS) Depth=N, Mag. 6.0(CGS) 6.0(PAS), 6-6¼(BRK), Felt at APIA					
	MDR	ePKP	18	03	10	
	MDI	ePKP	18	03	13	
	P00	ePKP	18	03	17	
	BOK	i	18	03	19	
	BOM	ePKP	18	03	23	
		ePP		04	30	
		SKS		10	15	
		e		14	38	
	VIS	e	18	03	25	
29	NDI	e	18	13	41	
29	NDI	iPg	19	16	33.5	0.31
		iSg		16	39.5	
29	EPC: 11.4S, 166.4E Santa Cruz Islands - H = 19h 30m 26.5s(USCGS) Depth = 153 Km Mag. = 5.0(CGS)					
	SHL	iP	19	42	29	CNW
	CHA	iP	19	42	42	C
	NDI	eP	19	43	31	
	P00	iP	19	43	37.7	
		e		44	56	
	KOD	e	19	58	17	
29	CHA	ePg	20	40	04.7	0.6
		Sg		40	11.9	
		S*		40	13.0	

JANUARY, 1969

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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30	EPC: 4.1N, 126.4E TALAUD Island - H = 02h 33m 34.1s(USCGS) Depth = 68 Km. Mag. = 5.5(CGS)						TRD	eP	10 38 33	50.7
								eS	45 40	
						SEH	iP	10 38 47	W . 53.4	
							PP	40 46		
							eS	46 11		
	SHL	iP	02 40 59	CN		NDI	iP	10 38 51.5	D	53.6
	P00	iP	02 42 47	C			iS	46 16	Mag. 7.5	
	BOM	eP	02 42 54				SCS	48 34		
30	BOM	ePg	03 47 41	0.2		DDI	iP	10 38 52.4	D	54.1
		eSg	47 43				i	39 34		
30	NDI	i	03 52 07				eS	46 20		
30	NDI	e	03 57 30				i	53 08		
30	EPC: 34.3N, 106.9W New Maxico - H = 05h 17m 37.8s(USCGS) Depth = 8 Km. Mag. = 4.1(CGS)					GOA	eP	10 38 57		
	NDI	iPKP	05 36 15			P00	iP	10 38 58.0	D	54.5
	CHA	iPKP	05 37 27	C			eS	46 29		
30	P00	ePKP	05 38 27			BHK	eP	10 39 02		
	NDI	eP	05 38 30				e	46 44		
30	NDI	eP	06 01 46		30	BOM	eP	10 39 05		55.1
30	BOK	e	07 54 08				eS	46 39		
30	EPC: 4.8N, 127.4E Taland Island - H = 10h 29m 40.4s(USCGS) Depth = 70 Km, Mag. 5.9(CGS), 7.2(PAS), 7-7 $\frac{1}{4}$ (BRK), Felt on Mindanao and Visayan Islands					30	NDI	eP	12 45 55	
	PBA	eP	10 36 26			30	EPC: 4.7N, 127.7E TALAUD Island - H = 12h 38m 26.6s(USCGS) Depth = 65 Km. Mag. = 5.1(CGS)			
		e	42 12				SHL	iP	12 45 58	CNW
		e	46 52				NDI	iP	12 47 41.0	CW
	KOD	iP	10 36 28.0	DNE			P00	eP	12 47 47	
	SHL	iP	10 37 09	DNE		30	SHL	iP	12 52 55	CSW
		e	43 34			30	SHL	iP	13 57 34	CS
	CAL	eP	10 37 34			30	SHL	ePg	14 06 47	0.7
		e	43 48					eSg	0 56	
	BOK	eP	10 37 46			30	EPC: 5.0N, 127.1E Philippine Island Region - H = 16h 39m 58.7s(USCGS) Depth = 83Km, Mag. 5.0(CGS)			
	CHA	iPP	10 37 47	44.9			SHL	iP	16 47 22	DSE 13.5
		S	39 33				CHA	iP	16 47 59	D
	VIS	iP	10 37 45	DW 47.0			NDI	eP	16 49 06	
		PP	39 45			30	NDI	eP	17 24 24	8.7
		eS	44 40					eS	26 04	
	SCS		47 18	Mag. 7.3		30	EPC: 4.9N, 127.5E Taulad Island - H = 17h 19m 35.0s(USCGS) Depth = 72 Km. Mag. = 5.3(CGS)			
	MDR	eP	10 38 10	48.9						
		PP	40 09							
		eS	45 06							

JANUARY, 1969

- 26 -

DATE	STN	PHASE	H.	M.	S s	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.		
	SHL	eP	17	27	03	DSE		30	NDI	ePn	21	08	15	3.26	
	BOK	i	17	27	41					eSn	08	55			
	CHA	iP	17	27	41	D	44.2	30	EPC: 4.5N, 127.4E Taland Islands - H = 22h 11m 43.5s(USCGS) Depth =N						
		eS		34	07				SHL	iP	22	19	17	CN	
		i		37	33				CHA	iP	22	19	54	D	
	VIS	iP	17	27	50	DE			NDI	eP	22	21	01		
	MDR	eP	17	28	04		48.9	30	SHL	iP	22	27	34	CS	
		eS		35	00				NDI	e	22	29	19		
	KOD	iP	17	28	23.0	CW		30	CHA	eP	22	51	30		
	NDI	iP	17	28	47.0	CSW		31	SHL	eP	00	17	09		
	DDI	e	17	28	47			31	EPC: 4.2N, 128.1E North of HALAMAHERA - H = 00h 44m 13.3s(USCGS) Depth =N, Mag. 5.7(CGS), 6.6(PAS), 6 $\frac{1}{4}$ -6 $\frac{1}{2}$ (BRK)						
	BHK	e	17	28	47				PBA	iP	00	51	12	CW	
	P00	iP	17	28	53.0	C			SHL	eP	00	51	53	CNE	
	BOM	eP	17	29	00		55.1		CAL	eP	00	52	11	43.7	
		iS		36	34					eS		58	38		
30	EPC: 4.0N, 123.0E CELEBES SEA - H = 18h 36m 37.3s(USCGS) Depth = 521Km Mag. = 5.3(CGS)								BOK	iP	00	52	30	CNW 45.2	
	SHL	eP	18	43	03					eS		59	06		
		e		53	00				CHA	iP	00	52	30	CNW 46.0	
	CHA	iP	18	43	38	D				eS		59	11		
	KOD	iP	18	44	12.5	DSE			VIS	iP	00	52	36	DW 46.5	
	BHK	eP	18	44	43					PP		54	26		
	NDI	iP	18	44	44.0	DSE	50.0			eS		59	20		
		eS		51	14					SS		01	02	36	
	DDI	iP	18	44	44.0	D			31	MDR	eP	00	52	52	E 48.8
	P00	iP	18	44	45.5	D					PP		54	47	
	BOM	eP	18	44	52						eS		59	51	
30	SHL	eP	19	15	59				KOD	iP	00	53	12.0	DE	50.8
30	DDI	iP	19	59	28	D					PP		55	16	
		i		59	41						eS		01	00	24
	NDI	ePn	19	59	59		2.17				ScS		03	00	
		eSn	20	00	27				TRD	iP	00	53	14	W	51.9
											PP		55	14	
30	SHL	ePg	20	35	09		0.7				eS		01	00	33
		eSg		35	16						SCS		03	04	
30	EPC: 42.8N, 145.3E Hokkaido Japan Region - H = 20h 54m 13.5s(USCGS) Depth = 8 Km Mag. 4.9(CGS)										SS		04	04	
	NDI	eP	21	03	53				BHK	eP	00	53	24		
		PPP		07	17					e	01	01	10		
									NDI	iP	00	53	36	CNW 54.1	
										PCP		54	41		
										PP		55	40		

JANUARY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	PCS		58 42			VIS	eP	09 05 06	
	iS		01 01 08			MDR	eP	09 05 22	49.1
	SSS		06 36				eS	12 23	
	DDI	eP	00 53 36	C		DDI	iP	09 06 05	C
		e	01 15			NDI	iP	09 06 05	DSE
	GOA	eP	00 53 42	55.2		P00	iP	09 06 11.5	C
	PP		55 44			BOM	eP	09 06 18	55.9
	eS		01 01 19				eS	14 01	
	SS		05 04						
	P00	eP	00 53 43	55.2	31	EPC:	4.1N, 128.0E		
	PP		55 54				North of Halmahera		
	eS		01 01 20				- H = 10h 45m 42.5s(USCGS)		
	BOM	iP	00 53 49	53.6			Depth = 36 Km		
	iS		01 01 30				Mag. = 4.9(CGS)		
31	SHL	iP	02 12 11	C		SHL	iP	10 53 21	C
31	SHL	iP	02 54 03	C		MDR	eP	10 54 21	49.7
31	EPC:	4.0N, 128.1E					eS	11 01 26	
		North of Halmahera				NDI	eP	10 55 04	
		- H = 03h 00m 35.7s(USCGS)				P00	eP	10 55 11	
		Depth = N, Mag. 4.8(CGS)			31	NDI	e	11 22 27	
	SHL	iP	03 08 16	C					
31	EPC:	4.0N, 127.9E, Taland Island			31	EPC:	4.2N, 128.1E		
		- H = 03h 45m 31.2s(USCGS) Depth = 64Km					North of Halmahera		
		Mag. 4.6(CGS)					- H = 11h 21m 26.7s(USCGS)		
31	SHL	iP	03 53 08	C			Depth N,		
31	SHL	iP	04 07 59	C		SHL	iP	11 29 06	C
31	SHL	iP	04 11 45	D		MDR	eP	11 30 06	49.1
							eS	37 07	
31	BOM	iPg	04 17 44	0.1		NDI	eP	11 30 49	
	iSg		04 17 45			DDI	iP	11 30 50	C
31	EPC:	53.5N, 158.7E				BOM	e	11 30 56	
		Near E.Coast of Kamchatka					e	38 32	
		- H = 04h 10m 26.3s(USCGS)				P00	eP	11 30 56	
		Depth = 145 Km, Mag. 5.2(CGS)							
	NDI	eP	04 20 33		31	EPC:	4.6S, 153.3E		
	pP		21 13				New Ireland Region		
	P00	eP	04 21 35				- H = 12h 06m 00.4s(USCGS)		
31	EPC:	4.5.N, 128.1E					Depth 71Km, Mag. 4.7(CGS)		
		North of Halmahera				P00	eP	12 18 11	
		- H = 04h 59m 32.6s(USCGS)							
		Depth = N, Mag. 5.1(CGS)			31	EPC:	4.3N, 128.1E		
	SHL	iP	05 07 13	CW			North of Halmahera		
	NDI	eP	05 08 54				- H = 13h 19m 05.7s(USCGS)		
31	EPC:	4.3N, 128.1E North					Depth N,		
		of Halmehera				SHL	iP	13 26 45	CW
		- H = 08h 56m 42.8s(USCGS)				NDI	eP	13 28 28	
		Depth = N,				P00	eP	13 28 35	
		Mag. = 5.4(CGS)							
	SHL	iP	09 04 22	C					
	CHA	iP	09 05 00	D					

JANUARY, 1969

DATE	STN	PHASE	H.	M.	S.	△	Deg.
31	EPC: 4.3N, 128.1E	North of Halmahera	- H = 13h 48m 22.7s(USCGS)				
		Depth = N, Mag. 5.4(CGS)					
		5½-5¾(BRK)					
	PBA eP	13 55 27					
	i	56 43					
	SHL iP	13 56 01	C			40.1	
	eS	14 02 04					
	CAL eP	13 56 21					
	CHA iP	13 56 38	C				
31	VIS iP	13 56 47	C				
	MDR eP	13 57 01					
	PP	58 55					
	SCS	14 06 55					
	SS	07 19					
	KOD iP	13 57 20.0	C				
	TRD iP	13 57 23	W			52.1	
	PP	59 21					
	eS	14 04 44					
	SS	08 20					
	BHK eP	13 57 41					
	e	05 24					
	DDI iP	13 57 43	C				
	e	14 02 15					
31	NDI e	13 57 43					
	P00 eP	13 57 50				56.4	
	eS	14 05 36					
	GOA eP	13 57 51				56.4	
	eS	05 37					
	BOM eP	13 57 59				57.7	
	i	14 05 42					
	eS	05 33					
31	EPC: 4.3N, 128.3E	North of Halmehra	- H = 13h 52m 52.5s(USCGS)				
		Depth = N, Mag. 5.2(CGS)					
	SHL iP	14 00 33	C				
	CHA iP	14 01 09	C				
	MDR iP	14 01 32	CE			49.0	
	PP	03 22					
	eS	08 32					
31	EPC: 34.3N, 26.3E	CRETE	- H = 14h 40m 03.8s(USCGS)				
		Depth = 34Km, Mag. 5.1(CGS)					
	NDI iP	14 48 07.7	C				
31	SHL eP	15 03 27	C				

DATE	STN	PHASE	H.	M.	S.	△	Deg.
31	NDI eP	15 24 14					
31	EPC: 39.7N, 143.9E	Off E.Coast of Honshu, Japan	- H = 15h 38m 38.8s(USCGS)				
		Depth = 47 Km.					
		Mag. = 4.5(CGS)					
	SHL eP	15 46 55					
	CHA iP	15 47 20	C				
	NDI eP	15 48 08					
31	MDR eP	16 31 26	C				
	SHL eP	16 31 57					
31	SHL iP	17 08 47	C				
31	EPC: 4.9N, 127.7E	Taland Islands	- H = 17h 16m 21.8s(USCGS)				
		Depth = N,					
	SHL eP	17 23 55					
	NDI iP	17 25 39.2	D				
31	EPC: 4.7N, 127.4E	Taland Islands	- H = 20h 07m 48.9s(USCGS)				
		Depth = 65 Km.					
		Mag. = 5.2(CGS)					
	SHL iP	20 14 48	CNW				
	CHA iP	20 15 26	C				
	MDR eP	20 15 50					
	KOD eP	20 16 08	CSW				
	NDI iP	20 16 31.7	CNW				
	DDI iP	20 16 32.1	CNW				
	P00 eP	20 16 38					
31	EPC: 4.4N, 128.1E	North of Halmahera	- H = 20h 37m 50.5s(USCGS)				
		Depth = N, Mag. = 5.3(CGS)					
	SHL iP	20 45 29					
	CHA iP	20 46 06					
	MDR eP	20 46 30				49.7	
	PP	48 24					
	eS	53 34					
	KOD iP	20 46 48	CE				
	DDI iP	20 47 12	C				
	NDI eP	20 47 12					

JANUARY, 1969

- 29 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
31	P00	eP	20	47	19		31	SHL	ePg eSg	23	17	52 18 11	1.4	
contd.								31	EPC: 32.1S, 179.6E					
	BOM	eP	20	47	25	56.1	South of Kermadec Island							
		eS		55	09		- H = 23h 31m 16.2s(USCGS)							
		PS		55	20		Depth = 391Km, Mag. = 5.2(CGS)							
31	EPC: 27.ON, 140.5E						KOD	ePKP	23	48	45			
	Benin Island Region						MDR	ePKP e	23	48	56 49 05			
	- H = 22h 24m 31.9s(USCGS)						P00	ePKP	23	49	07			
	Depth = 377 Km						NDI	ePKP	23	49	09			
	Mag. = 4.2(CGS)													
	NDI	eP	22	33	28									

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Following are the felt earthquake reports
received from voluntary observers during the month of
JANUARY, 1969

S.N.	Station	Date	Time G. M. T. H: M.	No. of Shocks	Duration Secs.	Intensity MM. Scale	Remarks
1.	Katmandu	5-1-69	09-59	One	4	III	NE-SW Direction
2.	Gangtok	19-1-69	00-49	One	2-3	III	Coming from N-E
3.	Shillong	20-1-69	20-53	One	10-15	III	
4.	Nurpur	23-1-69	20-00	One	2	III	
5.	Shillong	25-1-69	23-45	One	40	IV	
6.	- do -	28-1-69	13-27	One	5	III	
7.	- do -	28-1-69	13-30	One	6	III	

JANUARY, 1969

-----MICROSEISM TABULATION-----

DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOKARO				STATION: BOKARO			
01 00	3	0.1	4.6	13 00	3	0.2	5.0
01 06	3	0.1	4.7	13 06	...	-	-
01 12	3	0.1	4.6	13 12	3	0.1	4.8
01 18	3	0.1	4.5	13 18	3	0.2	5.6
02 00	3	0.1	5.0	14 00	3	0.1	5.4
02 06	...	-	-	14 06	3	0.1	4.6
02 12	3	0.1	4.5	14 12	3	0.1	4.7
02 18	3	0.1	4.9	14 18	3	0.1	4.7
03 00	3	0.1	5.0	15 00	...	-	-
03 06	...	-	-	15 06	3	0.1	4.5
03 12	3	0.1	4.8	15 12	3	0.1	3.9
03 18	3	0.1	5.0	15 18	3	0.1	4.9
04 00	3	0.1	4.3	16 00	3	0.1	3.6
04 06	...	-	-	16 06	3	0.1	4.0
04 12	3	0.1	4.6	16 12	3	0.1	4.3
04 18	3	0.1	4.5	16 18	3	0.1	4.1
05 00	3	0.1	4.8	17 00	3	0.1	3.5
05 06	...	-	-	17 06	3	0.1	3.7
05 12	3	0.3	5.1	17 12	3	0.1	4.5
05 18	3	0.3	4.6	17 18	3	0.1	3.6
06 00	3	0.2	4.8	18 00	3	0.1	3.5
06 06	...	-	-	18 06	3	0.1	4.1
06 12	...	-	-	18 12	3	0.1	4.0
06 18	...	-	-	18 18	3	0.1	4.2
07 00	...	-	-	19 00	3	0.1	3.8
07 06	...	-	-	19 06	3	0.1	4.3
07 12	3	0.2	4.4	19 12	3	0.1	4.7
07 18	...	-	-	19 18	3	0.1	4.7
08 00	3	0.2	4.8	20 00	3	0.1	4.7
08 06	3	0.1	4.8	20 06	...	-	-
08 12	3	0.1	4.7	20 12	3	0.1	3.6
08 18	3	0.1	4.7	20 18	3	0.1	3.8
09 00	3	0.2	4.6	21 00	3	0.1	3.6
09 06	3	0.1	4.8	21 06	...	-	-
09 12	3	0.1	5.2	21 12	3	0.1	3.5
09 18	3	0.2	4.9	21 18	3	0.1	3.7
10 00	3	0.1	4.8	22 00	...	-	-
10 06	3	0.2	5.0	22 06	3	0.1	3.8
10 12	3	0.1	4.9	22 12	3	0.1	3.7
10 18	3	0.1	4.8	22 18	3	0.1	3.3
11 00	3	0.2	5.2	23 00	3	0.1	3.6
11 06	...	-	-	23 06	3	0.1	3.5
11 12	3	0.1	4.8	23 12	3	0.1	4.3
11 18	3	0.1	4.8	23 18	3	0.1	4.5
12 00	3	0.1	4.9	24 00	3	0.1	4.6
12 06	3	0.2	5.6	24 06	3	0.1	4.0
12 12	3	0.2	4.8	24 12	3	0.1	4.4
12 18	3	0.2	4.9	24 18	3	0.1	4.6

JANUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
10	00	3	0.3	4.5
			0.3	3.0
	06	3	0.3	4.1
			0.2	1.8
	12	3	0.3	4.1
			0.2	1.8
	18	3	0.3	4.1
			0.2	1.8
11	00	3	0.3	4.3
			0.2	1.9
	06	Shock in progress		
	12	3	0.3	5.9
			0.3	3.0
	18	3	0.3	5.0
			0.2	1.8
12	00	3	0.3	4.9
	06	3	0.3	5.8
			0.3	4.0
	12	3	0.3	4.9
			0.2	1.7
	18	3	0.3	5.7
			0.2	1.8
13	00	3	0.3	5.1
			0.3	2.1
	06	3	0.3	2.7
			0.3	1.9
	12	3	0.3	2.8
			0.2	1.9
	18	3	0.4	2.8
			0.2	1.9
14	00	3	0.5	3.0
			0.3	2.1
	06	3	0.9	3.1
			0.3	2.0
	12	3	0.5	3.2
			0.2	1.9
	18	3	0.4	3.0
			0.2	2.0
15	00	Shock in progress		
	06	3	0.3	3.0
			0.2	1.8
	12	3	0.3	4.0
			0.2	1.9
	18	3	0.3	5.0
			0.3	3.0
			0.2	1.9
16	00	3	0.3	4.9
			0.2	2.1
	06	3	0.3	4.5
			0.2	2.1
	12	3	0.3	4.2
			0.2	2.0
	18	3	0.3	3.9
			0.3	2.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
17	00	3	0.3	4.0
			0.2	2.0
	06	3	0.3	3.9
			0.2	1.9
	12	3	0.3	4.1
			0.2	2.0
	18	3	0.3	4.0
			0.3	2.0
18	00	3	0.3	4.0
			0.3	2.0
	06	3	0.3	4.0
			0.3	2.1
	12	3	0.3	2.2
	18	3	0.3	4.1
			0.3	2.1
19	00	3	0.3	3.1
			0.2	1.7
	06	3	0.4	2.5
			0.2	1.8
	12	3	0.3	2.8
			0.2	1.8
	18	3	0.3	2.6
			0.2	1.7
20	00	3	0.3	4.6
			0.3	2.8
	06	3	0.3	4.0
			0.3	2.9
			0.2	1.8
	12	3	0.3	3.8
			0.3	1.8
	18	3	0.3	2.0
21	00	3	0.3	3.2
			0.2	1.8
	06	3	0.3	3.6
			0.2	1.9
	12	3	0.3	3.8
			0.2	2.7
	18	3	0.3	3.9
			0.3	3.0
22	00	3	0.3	3.7
			0.3	3.0
	06	3	0.3	3.8
			0.3	1.9
	12	3	0.3	3.8
			0.2	2.0
	18	Shock in progress		
23	00	3	0.3	3.8
			0.2	1.7
	06	3	0.3	4.0
			0.2	1.8
	12	3	0.3	3.9
			0.2	1.9
	18	3	0.3	4.0
			0.2	1.9

JANUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	00	3	0.3	4.0
			0.2	2.0
	06	3	0.3	4.2
			0.2	1.8
	12	3	0.3	4.0
			0.2	1.9
18	3	0.3	4.0	
		0.3	3.1	
		0.2	1.8	
25	00	3	0.3	4.0
			0.3	3.0
	06	Shock in progress		
	12	3	0.3	4.1
			0.3	3.4
	18	3	0.3	3.5
26	00	Shock in progress		
	06	3	0.3	5.5
			0.3	3.8
	12	3	0.3	5.3
			0.3	3.8
	18	3	0.2	1.6
0.3			5.6	
27	00	3	0.3	5.5
			0.3	2.0
	06	3	0.3	5.9
			0.3	2.2
	12	3	0.3	4.1
			0.3	2.2
18	3	0.3	5.6	
		0.3	2.2	
28	00	3	0.3	5.7
			0.3	2.2
	06	3	0.3	5.4
			0.3	3.1
	12	3	0.3	2.0
			0.3	5.7
18	3	0.3	2.1	
		0.2	1.7	
29	00	3	0.5	2.8
			0.2	2.0
	06	3	0.3	5.4
			0.3	2.1
	12	3	0.3	3.0
			0.2	2.0
18	3	0.3	5.1	
		0.2	2.0	
30	00	3	0.3	4.8
			0.2	1.9
	06	3	0.3	4.6
	12	Shock in progress		
18	Shock in progress			

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
31	00	3	0.3	4.7
			0.2	1.9
	06	3	0.3	4.3
			0.2	2.0
	12	3	0.3	4.6
			0.2	2.0
18	3	0.3	4.7	
		0.3	2.0	
Station : CALCUTTA				
01	00	3	0.3	4.2
	06	3	0.3	4.2
	12	3	0.4	4.0
	18	3	0.3	4.2
02	00	3	0.3	4.2
	06	3	0.3	4.0
	12	3	0.3	4.2
03	00	3	0.4	4.2
	06	3	0.3	4.2
	12	3	0.4	4.0
04	00	3	0.5	4.2
	06	3	0.4	4.0
	12	3	0.3	4.2
05	00	3	0.4	4.2
	06	3	0.3	4.0
	12	3	0.4	4.0
06	00	3	0.3	4.2
	06	3	0.3	4.2
	12	3	0.4	4.0
07	00	3	0.2	4.2
	06	3	0.3	4.2
	12	3	0.3	4.0
08	00	3	0.3	4.2
	06	3	0.4	4.4
	12	3	0.3	4.2
09	00	3	0.3	4.2
	06	3	0.4	4.2
	12	3	0.4	4.4
10	00	3	0.3	4.2
	06	3	0.3	4.2
	12	3	0.3	4.2
18	3	0.4	4.0	

- 34 -

JANUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : CALCUTTA				
11	00	3	0.3	4.2
	06	...	-	-
	12	...	-	-
	18	...	-	-
12	00	...	-	-
	06	3	0.3	4.4
	12	3	0.4	4.2
	18	3	0.3	4.2
13	00	3	0.4	4.4
	06	3	0.4	4.4
	12	3	0.4	4.4
	18	3	0.3	4.2
14	00	3	0.4	4.4
	06	3	0.3	4.4
	12	3	0.2	4.4
	18	3	0.3	4.4
15	00	...	-	-
	06	3	0.3	4.2
	12	3	0.4	4.2
	18	3	0.3	4.0
16	00	3	0.3	4.0
	06	3	0.4	4.2
	12	3	0.4	4.0
	18	3	0.3	4.0
17	00	3	0.4	4.4
	06	3	0.3	4.2
	12	3	0.3	4.2
	18	3	0.3	4.4
18	00	3	0.2	4.4
	06	3	0.2	4.2
	12	3	0.2	4.2
	18	3	0.3	4.2
19	00	3	0.2	4.2
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.2	4.0
20	00	3	0.3	4.2
	06	3	0.3	4.2
	12	3	0.4	4.2
	18	3	0.3	4.2
21	00	3	0.3	4.2
	06	...	-	-
	12	3	0.4	4.2
	18	3	0.3	4.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : CALCUTTA				
22	00	3	0.4	4.2
	06	3	0.3	4.2
	12	3	0.2	4.0
	18	3	0.3	4.4
23	00	3	0.3	4.4
	06	3	0.3	4.4
	12	3	0.3	4.2
	18	3	0.2	4.2
24	00	3	0.3	4.2
	06	3	0.2	4.2
	12	3	0.3	4.2
	18	3	0.3	4.4
25	00	3	0.3	4.4
	06	...	-	-
	12	3	0.4	4.2
	18	3	0.3	4.2
26	00	...	-	-
	06	3	0.3	4.2
	12	3	0.3	4.2
	18	3	0.2	4.2
27	00	3	0.3	4.2
	06	3	0.3	4.2
	12	3	0.2	4.2
	18	3	0.3	4.2
28	00	3	0.3	4.2
	06	3	0.2	4.2
	12	3	0.3	4.2
	18	3	0.3	4.2
29	00	3	0.3	4.0
	06	3	0.2	4.2
	12	3	0.3	4.2
	18	3	0.3	4.0
30	00	3	0.3	4.0
	06	...	-	-
	12	...	-	-
	18	...	-	-
31	00	...	-	-
	06	3	0.3	4.0
	12	3	0.3	4.2
	18	3	0.3	4.2

JANUARY, 1969

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station : GOA					Station GOA				
01	00	3	0.2	5.8	13	00	3	0.5	2.8
	06	3	0.5	3.4		06	...	-	-
	12	3	0.6	4.2		12	...	-	-
	18	3	0.6	4.6		18	...	-	-
02	00	3	0.5	3.4	14	00	...	-	-
	06	3	0.4	3.0		06	3	0.5	3.0
	12	3	0.5	3.2		12	3	0.5	3.0
	18	3	0.6	2.8		18	3	0.5	3.2
03	00	3	0.5	3.0	15	00	...	-	-
	06	3	0.5	3.0		06	3	0.5	3.0
	12	3	0.5	3.0		12	3	0.5	3.0
	18	3	0.5	3.2		18	3	0.5	3.0
04	00	3	0.5	3.2	16	00	3	0.6	3.0
	06	3	0.5	3.0		06	...	-	-
	12	3	0.5	3.6		12	3	0.4	2.8
	18	3	0.4	3.4		18	3	0.4	3.0
05	00	3	0.4	3.2	17	00	3	0.5	3.0
	06	3	0.4	3.4		06	3	0.5	3.0
	12	3	0.5	3.6		12	3	0.5	3.0
	18	3	0.4	3.2		18	3	0.5	3.0
06	00	3	0.4	3.4	18	00	3	0.5	3.0
	06	3	0.5	3.4		06	3	0.4	3.0
	12	3	0.5	3.2		12	3	0.5	3.0
	18	...	-	-		18	3	0.4	3.2
07	00	3	0.6	3.8	19	00	3	0.5	3.0
	06	3	0.6	4.0		06	3	0.5	3.0
	12	3	0.6	3.8		12	3	0.6	3.0
	18	3	0.6	3.4		18	3	0.6	3.0
08	00	3	0.6	3.4	20	00	3	0.6	3.0
	06	3	0.4	2.8		06	3	0.5	3.0
	12	3	0.4	3.0		12	3	0.5	3.0
	18	3	0.5	3.0		18	3	0.5	2.8
09	00	3	0.5	3.0	21	00	3	0.5	3.0
	06	3	0.3	2.8		06	3	0.4	2.8
	12	3	0.4	2.8		12	3	0.5	3.0
	18	3	0.4	3.2		18	3	0.6	3.2
10	00	3	0.4	3.2	22	00	3	0.6	3.2
	06	3	0.5	3.6		06	3	0.5	3.0
	12	3	0.5	3.2		12	3	0.5	3.0
	18	3	0.5	3.4		18	3	0.5	3.0
11	00	3	0.5	3.4	23	00	3	0.5	3.2
	06	3	0.5	3.4		06	3	0.5	2.8
	12	3	0.5	3.0		12	3	0.5	3.0
	18	3	0.5	3.4		18	3	0.5	3.2
12	00	...	-	-	24	00	3	0.5	3.2
	06	3	0.5	3.0		06	3	0.5	2.8
	12	3	0.5	3.2		12	3	0.5	3.0
	18	3	0.4	3.0		18	3	0.5	3.0

JANUARY, 1967

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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Station : GOA

25	00	3	0.5	3.4
	06	...	-	-
	12	3	0.5	3.0
	18	3	0.5	3.0
26	00	...	-	-
	06	3	0.5	3.0
	12	3	0.5	3.0
	18	3	0.5	3.2
27	00	3	0.5	3.0
	06	3	0.4	2.8
	12	3	0.5	3.0
	18	3	0.4	3.0
28	00	3	0.4	3.0
	06	3	0.4	3.0
	12	3	0.5	3.0
	18	3	0.5	3.0
29	00	3	0.5	3.2
	06	3	0.5	3.0
	12	3	0.5	3.0
	18	3	0.5	3.2
30	00	3	0.5	3.2
	06	3	0.5	3.0
	12	...	-	-
	18	3	0.5	3.0
31	00	3	0.4	3.2
	06	3	0.4	3.2
	12	3	0.4	3.0
	18	3	0.5	3.0

Station: MADRAS

01	00	2	2.9	0.2
	03	2	0.3	5.1
	06	2	0.3	5.4
	12	2	0.4	5.2
	18	2	0.3	5.4
02	00	2	0.4	5.4
	03	2	0.4	5.4
	06	2	0.3	5.1
	12	2	0.3	5.0
	18	2	0.3	5.2
03	00	2	0.3	5.1
		3	0.2	2.6
	03	2	0.2	2.6
	06	3	0.2	2.6
	12	3	0.3	2.7
	18	3	0.3	2.6
		2	0.4	4.5
04	00	3	0.3	2.7
		2	0.4	4.5
	03	3	0.3	2.7

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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Station : MADRAS

	06	3	0.3	2.7
	12	3	0.3	2.8
	18	1	0.4	2.7
05	00	1	0.4	2.7
	03	1	0.5	2.9
	06	1	0.5	2.9
	12	1	0.6	3.4
	18	1	0.7	3.7
06	00	1	0.6	3.7
	03	1	0.6	3.7
	06	1	0.6	3.8
	12	1	0.6	3.5
	18	...	Earthquake	
07	00	1	0.5	3.5
	03	2	0.5	3.5
	06	2	0.5	3.5
	12	2	0.4	3.5
	18	2	0.5	3.4
08	00	2	0.4	3.4
	03	2	0.4	3.3
	06	...	-	-
	12	2	0.4	3.2
	18	2	0.4	3.2
09	00	2	0.4	3.2
	03	2	0.5	3.1
	06	2	0.4	3.0
	12	2	0.4	3.0
	18	2	0.4	3.0
10	00	2	0.4	3.1
	03	2	0.4	3.1
	06	2	0.4	3.0
	12	2	0.4	3.0
	18	2	0.4	3.0
11	00	2	0.4	3.0
	03	2	0.3	3.0
	06	2	0.3	3.1
	12	2	0.4	3.1
	18	2	0.3	3.1
12	00	2	0.3	3.0
	03	2	0.3	3.0
	06	2	0.3	3.0
	12	2	0.4	3.1
	18	2	0.3	3.0
13	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
14	00	2	0.3	3.0
	03	2	0.3	3.1
	06	2	0.3	3.1

JANUARY, 1969

- 37 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station: MADRAS				
Contd	12	2	0.3	3.1
	18	2	0.3	3.5
15	00	...		Earthquake
	03	2	0.4	3.6
	06	2	0.4	3.8
	12	2	0.4	3.7
	18	2	0.4	3.7
16	00	2	0.4	3.5
	03	2	0.4	3.4
	06	2	0.4	3.3
	12	2	0.4	3.3
	18	2	0.4	3.4
17	00	2	0.3	3.1
	03	2	0.3	3.1
	06	2	0.3	3.1
	12	2	0.3	3.1
	18	2	0.3	3.0
18	00	2	0.3	3.0
	03	2	0.3	3.0
	06	2	0.3	3.0
	12	2	0.3	3.1
	18	2	0.3	3.1
19	00	2	0.4	3.0
	03	2	0.4	3.0
	06	2	0.4	3.0
	12	2	0.4	3.0
	18	2	0.4	3.0
20	00	2	0.4	3.0
	03	2	0.3	3.0
	06	2	0.3	3.0
	12	2	0.4	3.0
	18	2	0.4	3.0
21	00	2	0.4	3.1
	03	2	0.4	3.1
	06	2	0.4	3.1
	12	2	0.4	3.3
	18	2	0.4	3.4
22	00	2	0.5	3.4
	03	2	0.5	3.6
	06	2	0.5	3.6
	12	2	0.5	3.6
	18	2	0.5	3.7
23	00	2	0.5	3.8
	03	2	0.5	3.8
	06	2	0.5	3.8
	12	2	0.4	3.8
	18	2	0.5	3.6

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station: MADRAS				
24	00	2	0.4	3.6
	03	...		Earthquake
	06	2	0.4	3.6
	12	2	0.3	3.2
	18	2	0.3	3.6
25	00	2	0.3	3.5
	03	2	0.3	3.1
	06	2	0.3	3.1
	12	2	0.3	3.0
	18	2	0.3	3.2
26	00	...		Earthquake
	03	2	0.3	3.4
	06	2	0.2	3.5
	12	2	0.2	3.7
	18	2	0.2	4.2
27	00	2	0.2	4.6
	03	2	0.2	4.6
	06	2	0.2	4.6
	12	2	0.2	4.9
	18	2	0.2	4.6
28	00	2	0.2	4.8
	03	2	0.2	4.6
	06	2	0.2	4.8
	12	2	0.2	4.9
	18	2	0.3	4.9
29	00	2	0.3	5.0
	03	2	0.3	4.9
	06	...		No Record
	12	2	0.3	4.9
	18	2	0.4	5.0
30	00	2	0.4	4.9
	03	2	0.4	5.0
	06	2	0.3	4.9
	12	...		Earthquake
	18	2	0.3	4.8
31	00	2	0.4	4.7
	03	2	0.3	4.5
	06	2	0.3	4.8
	12	2	0.3	4.7
	18	2	0.3	4.6

Station: PORTBLAIR

01	00	...	-	-
	06	3	0.8	7.0
	12	3	0.8	7.0
	18	3	0.8	7.0
02	00	3	1.2	7.0
	06	3	1.2	7.0
	12	3	1.2	7.0
	18	3	1.2	7.0

January, 1969

MICROSEISMEC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
23	00	3	1.6	2.0	Station Shillong				
			2.0	3.0	01				
	06	3	1.2	2.0	02	0.0	0.0	0.0	0.0
			1.6	3.0		0.0	0.0	0.0	0.0
	12	3	1.2	2.0	03	00	0.0	0.0	0.0
			0.8	6.0		06	0.0	0.0	0.0
	18	3	1.2	2.0		12	0.0	0.0	0.0
			0.8	6.0		18	0.0	0.0	0.0
24	00	3	1.2	2.0	04	00	0.0	0.0	0.0
			0.4	6.0		06	3	0.5	4.5
	06	3	1.2	2.0		12	3	0.5	4.5
			0.4	6.0		18	3	0.5	4.5
	12	3	1.2	2.0	05	00	3	0.5	4.5
			0.4	6.0		06	3	0.4	4.3
	18	3	1.2	2.0		12	3	0.4	4.3
			0.4	6.0		18	3	0.4	4.3
25	00	3	1.2	2.0	06	00	3	0.4	4.3
			0.4	6.0		06	...	-	-
	06	...	-	-		12	3	0.4	4.3
	12	3	0.8	2.0		18	3	0.4	4.5
			0.4	7.0	07	00	3	0.4	4.5
	18	3	0.8	2.0		06	3	0.4	4.5
			0.4	7.0		12	3	0.4	4.5
26	00	...	-	-		18	3	0.4	4.5
	06	3	0.8	6.0	08	00	3	0.4	4.4
	12	3	0.8	7.0		06	3	0.4	4.4
	18	3	0.8	6.0		12	3	0.4	4.4
27	00	3	0.4	6.0		18	3	0.4	4.4
	06	3	0.4	6.0	09	00	3	0.4	4.4
	12	3	0.4	6.0		06	3	0.4	4.5
	18	3	0.4	7.0		12	3	0.4	4.7
28	00	3	0.4	7.0		18	3	0.4	4.7
	06	3	0.8	6.0	10	00	3	0.4	4.7
	12	3	0.8	6.0		06	3	0.4	4.5
	18	3	1.2	2.0		12	3	0.4	4.5
			0.8	6.0		18	3	0.4	4.5
29	00	3	1.2	2.0	11	00	3	0.4	4.5
			0.8	6.0		06	3	0.4	4.5
	06	3	0.8	5.0		12	3	0.4	4.5
	12	3	0.8	5.0		18	3	0.4	4.5
	18	3	0.8	5.0	12	00	3	0.4	4.5
30	00	3	0.8	5.0		06	3	0.4	4.5
	06	3	0.4	5.0		12	3	0.4	4.7
	12	...	-	-		18	3	0.4	4.7
	18	3	0.4	5.0	13	00	3	0.4	4.7
31	00	3	0.4	6.0		06	3	0.4	4.7
	06	3	0.4	6.0		12	3	0.4	4.7
	12	3	0.4	5.0		18	3	0.4	4.5
	18	3	0.4	5.0	14	00	3	0.4	4.5
						06	3	0.4	4.5
						12	3	0.4	4.5
						18	3	0.4	4.5

January, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station Shillong:				
15	00	3	0.4	4.2
	06	3	0.4	4.2
	12	3	0.4	4.2
	18	3	0.4	4.2
16	00	3	0.4	4.2
	06	3	0.4	4.2
	12	3	0.4	4.2
	18	3	0.4	4.2
17	00	3	0.4	4.2
	06	3	0.4	4.1
	12	3	0.4	4.1
	18	3	0.4	4.1
18	00	3	0.4	4.1
	06	3	0.4	4.1
	12	3	0.4	4.1
	18	3	0.4	4.1
19	00	0.0	0.0	0.0
20	18	0.0	0.0	0.0
21	00	0.0	0.0	0.0
	06	0.0	0.0	0.0
	12	3	0.4	4.1
	18	3	0.4	4.1
22	00	3	0.5	4.0
	06	3	0.5	4.0
	12	3	0.5	4.0
	18	3	0.5	4.0
23	00	3	0.5	4.0
	06	3	0.5	4.0
	12	3	0.5	4.0
	18	3	0.5	4.0
24	00	3	0.5	4.0
	06	3	0.5	4.0
	12	3	0.5	4.0
	18	3	0.5	4.0
25	00	3	0.5	4.0
	06	0.0	0.0	0.0
	12	0.0	0.0	0.0
	18	0.0	0.0	0.0
26	00	0.0	0.0	0.0
29	18	0.0	0.0	0.0
30	00	0.0	0.0	0.0
	06	0.0	0.0	0.0
	12	0.0	0.0	0.0
	18	3	0.5	4.0
31	00	0.0	0.0	0.0
	06	3	0.5	4.0
	12	3	0.5	4.0
	18	3	0.5	4.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station TRIVANDRUM				
01	00	3	0.2	2.7
	06	0.0	-	-
	12	0.0	-	-
	18	0.0	-	-
02	00	0.0	-	-
	06	0.0	-	-
	12	0.0	-	-
	18	0.0	-	-
03	00	2	0.2	2.3
	06	2	0.3	3.0
	12	2	0.4	3.7
	18	2	0.4	2.9
04	00	2	0.5	2.8
	06	2	0.5	2.6
	12	2	0.5	5.1
	18	2	0.6	3.1
05	00	2	0.5	3.0
	06		Calibration	
	12	2	0.4	3.0
	18	2	0.4	3.3
06	00	2	0.6	3.2
	06	2	0.5	3.6
	12	2	0.5	3.6
	18		Surface waves	
07	00	2	0.4	3.7
	06	2	0.5	3.7
	12	2	0.4	3.7
	18	2	0.4	4.0
08	00	2	0.5	3.8
	06	2	0.4	3.0
	12	2	0.3	3.6
	18	2	0.4	3.7
09	00	3	0.4	3.6
	06	3	0.4	3.2
	12	3	0.4	3.3
	18	3	0.3	3.1
10	00	3	0.4	3.4
	06	3	0.4	3.8
	12	3	0.3	3.6
	18	3	0.3	3.9
11	00	3	0.3	3.6
	06	2	0.2	3.3
	12	2	0.2	3.2
	18	2	0.2	3.2
12	00	2	0.2	3.5
	06	2	0.3	3.2
	12	2	0.4	3.2
	18	2	0.4	3.6

January, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station Trivandrum					Station Trivandrum				
13	00	2	0.4	3.5	25	00	2	0.4	3.5
	06	2	0.3	3.2		06	...	Surface waves	
	12	2	0.3	3.5		12	2	0.4	3.5
	18	2	0.3	3.3		18	2	0.5	3.2
14	00	2	0.3	3.2	26	00	...	Earthquake	
	06	2	0.3	3.4		06	2	0.3	2.9
	12	2	0.4	3.3		12	2	0.4	3.0
	18	2	0.5	3.4		18	2	0.4	2.8
15	00	...	Surface waves		27	00	2	0.3	2.4
	06	2	0.7	3.6		06	2	0.2	2.7
	12	2	0.7	3.9		12	2	0.2	2.4
	18	2	0.7	3.8		18	2	0.3	2.4
16	00	2	0.6	3.7	28	00	2	0.3	2.3
	06	2	0.7	3-5		06	2	0.2	2.4
	12	2	0.5	3.4		12	2	0.2	2.3
	18	2	0.5	3.4		18	2	0.2	2.4
17	00	2	0.6	3.6	29	00	2	0.3	2.3
	06	2	0.5	3.6		06	2	0.2	2.5
	12	2	0.5	3.5		12	2	0.2	2.5
	18	2	0.5	3.5		18	1	0.4	4.7
18	00	2	0.5	3.1	30	00	1	0.5	4.7
	06	2	0.4	3.3		06	1	0.6	4.5
	12	2	0.4	3.3		12	...	Surface waves	
	18	2	0.4	3.2		18	1	0.4	4.2
19	00	2	0.4	3.2	31	00	1	0.4	3.8
	06	2	0.3	3.4		06	2	0.3	3.5
	12	2	0.4	3.2		12	2	0.3	3.5
	18	2	0.5	3.5		18	2	0.3	3.3
20	00	2	0.4	3.3	Station Visakhapatnam				
	06	2	0.4	3.4	01	00	2	0.5	4.8
	12	2	0.4	3.4		06	2	0.5	5.0
	18	2	0.4	3.4		12	2	0.5	5.1
21	00	2	0.5	3.5		18	2	0.5	4.8
	06	2	0.4	3.4	02	00	2	0.4	4.7
	12	2	0.4	3.6		06	...	Power failure	
	18	2	0.5	3.5		12	2	0.5	4.7
22	00	2	0.5	3.6		18	2	0.5	4.7
	06	2	0.5	3.6	03	00	2	0.4	4.4
	12	2	0.4	3.4		06	2	0.3	3.7
	18	2	0.4	3.4		12	2	0.5	4.5
23	00	2	0.4	3.5		18	2	0.4	4.5
	06	2	0.4	3.0	04	00	2	0.5	4.7
	12	2	0.4	3.3		06	2	0.2	2.5
	18	2	0.5	3.0		12	2	0.2	2.5
24	00	2	0.4	3.2		18	2	0.2	2.5
	06	2	0.4	3.5	05	00	2	0.2	2.5
	12	2	0.4	3.7		06	2	0.5	3.0
	18	2	0.4	3.6		12	2	0.5	3.0
						18	2	0.5	3.0

January, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station Visakhapatnam					Station Visakhapatnam				
06	00	2	0.5	3.0	19	00	1	0.3	2.8
	06	2	0.3	3.5		06	1	0.3	2.8
	12	2	0.3	3.5		12	1	0.3	2.8
	18	...	-	-		18	1	0.3	2.8
07	00	2	0.4	3.5	20	00	1	0.3	2.8
	06	2	0.3	2.7		06	No record due to qty. calibr--		
	12	2	0.5	4.5		12	1	0.3	2.8
	18	2	0.2	2.5		18	1	0.3	2.3
08	00	2	0.2	2.5	21	00	1	0.3	2.8
	06	2	0.5	4.7		06	...	-	-
	12	2	0.5	4.9		12	1	0.5	3.0
	18	2	0.4	4.7		18	1	0.5	3.0
09	00	2	0.4	3.8	22	00	1	0.5	3.2
	06	2	0.6	4.7		06	...	-	-
	12	2	0.6	5.3		12	1	0.5	3.2
	18	2	0.5	4.5		18	1	0.5	3.2
01	00	2	0.4	4.4	23	00	1	0.5	3.2
	06	2	0.5	5.1		06	...	-	-
	12	2	0.5	5.0		12	1	0.6	3.5
	18	2	0.4	3.9		18	2	0.6	4.5
11	00	2	0.4	3.7	24	00	2	0.6	4.5
	06	2	0.5	4.9		06	2	0.6	4.8
	12	2	0.5	4.9		12	2	0.7	5.8
	18	2	0.3	2.8		18	2	0.6	4.8
12	00	2	0.2	2.9	25	00	2	0.6	4.8
	06	2	0.6	5.1		06	...	Earthquake in Progress	
	12	2	0.5	5.2		12	2	0.6	5.0
	18	2	0.5	4.9		18	2	0.6	4.8
13	00	2	0.5	4.9	26	00	2	0.4	4.8
	06	2	0.6	5.5		06	2	0.5	4.6
	12	2	0.6	5.7		12	2	0.6	4.8
	18	2	0.6	5.7		18	2	0.4	4.6
14	00	2	0.5	5.5	27	00	2	0.4	4.6
	06	2	0.5	5.6		06	2	0.4	4.8
	12	2	0.5	5.6		12	2	0.5	5.5
	18	2	0.4	5.2		18	2	0.5	5.5
15	00	1	0.2	2.0	28	00	2	0.4	5.0
	06	1	0.3	3.0		06	2	0.5	5.0
	12	1	0.3	3.0		12	2	0.5	4.8
	18	1	0.3	3.0		18	2	0.5	5.0
16	00	1	0.2	2.0	29	00	2	0.5	4.8
	06	2	0.5	4.2		06	2	0.5	4.6
	12	2	0.5	4.9		12	2	0.4	4.8
	18	2	0.4	4.5		18	2	0.4	4.6
17	00	2	0.4	4.2	30	00	2	0.4	4.4
	06	2	0.4	4.4		06	2	0.4	4.6
	12	2	0.5	4.5		12	...	Earthquake in progress	
	18	2	0.4	4.8		18	2	0.4	4.8
18	00	2	0.4	4.3	31	00	1	0.2	1.8
	06	1	0.3	2.8		06	1	0.1	1.8
						12	2	0.5	5.0
						18	2	0.4	4.6

FEBRUARY, 1969

-3-

DATE STN PHASE H. M. S.				△ Deg.	DATE STN PHASE H. M. S.				△ Deg.
CHA	eP	01 47 04			SHL	1P	02 41 51	CW	
MDR	eP	01 47 27		48.6	MDR	eP	02 42 52		48.5
	PP	49 19				eS	49 54		
	eS	54 23			NDI	1P	02 43 34.6		
KOD	1P	01 47 45	D		DDI	1P	02 43 35.8	C	
TRD	1P	01 47 48		51.4	POO	eP	02 43 40.5		
	PP	49 45							
	PPP	50 48			02	SHL	02 46 19	CSW	
	PcP	53 03			02	Epc: 04.5° N, 129.2° E. (North of Halmahera) H= 03h 09m 02.9s Depth= 33 Kms. Mag:--			
	iS	55 09							
	PPs	55 25							
NDI	1P	01 48 08.6	0	54.2	SHL	1P	03 16 50	CW	
	PP	50 11			MDR	eP	03 17 42		
	PcP	53 14			NDI	eP	03 18 23		
	iS	55 42							
DDI	eP	01 48 09.9		54.4	02	Epc: 04.0° N, 128.1° E. (North of Halmahera) H= 04h 00m 05.3s Depth= 33 Kms. Mag:--			
	eS	55 44.4							
POO	eP	01 48 15			SHL	1P	04 07 45	D	
GOA	eP	01 48 15.9		55.2	NDI	eP	04 09 30		
	Pcp	49 18.9			02	SHL	04 29 09	C	
	PP	50 20.7			02	Epc: 03.9° N, 128.3° E. (North of Halmahera) H= 05h 21m 26.2s Depth= 33 Kms. Mag= 5.5(MB) 5.2 (Ms) (CGS)			
	eS	55 56.7							
	Ps	56 07.7			PBA	e	05 28 58		
	PPS	50 14.7			VIS	1P	05 29 47	C	45.7
BOM	eP	01 48 22		56.3		ePP	31 35		
	i	48 26				eS	36 31		
	PP	50 28				ePS	36 42		
	i	51 54				ePPS	36 52		
	eS	56 06.5			CHA	eP	05 29 48		
	PS	56 20			MDR	eP	05 30 17	C	49.7
KOD	1P	02 15 02	DNE			eS	37 09		
02	Epc: 04.0° N, 128.3° E. (North of Halmahera) Depth= 33 Kms. Mag= 5.3 (CGS) H = 02h 07m 01.0s					KOD	1P	05 30 28	
	NDI	eP	02 16 25			TRD	eP	05 30 30	51.3
	DDI	1P	02 16 26.9	C			eS	37 45	
	POO	eP	02 16 31						
02	Epc: 04.1° N, 128.3° E. (North of Halmahera) Depth= 33 Kms. Mag= 5.2 (CGS) H = 02h 34m 10.5s								

FEBRUARY, 1969

- 5 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
02	BOM	•	20	06	43		03	Contd	i	00	54.2			
02	BOK	•	20	08	58			PBA	i	01	02.2			
02	Epc: 03.9°N, 128.0°E. (North of Halmahera) H=20h 37m 11.6s Depth= 67 Kms								i	01	03.5			
								i	01	04.2				
								i	01	06.2				
								i	01	08.2				
							03	Epc: 03.7°N, 128.5°E. (North of Halmahera) H= 04h 00m 25.6s Depth= 93 Km. Mag= 4.9 (CGS)						
	SHL	iP	20	44	49	C		SHL	•P	04	08	03		
	CHA	•P	20	45	25			BOK	•P	04	08	42		
02	SHL	iP	20	53	48	CSE		DDI	•P	04	09	44.9	C	
02	NDI	•P	20	55	31			NDI	•P	04	09	45	C	
02	Epc: 04.3°N, 128.2°E. North of Halmahera) H= 20h 50m 21.3s Depth= 33 Kms Mag= 5.2 (CGS)							POO	•P	04	09	50.6	C	
	SHL	•P	20	58	01	CW		BOM	•P	04	09	55	54.9	
	CHA	iP	20	58	35			•S		17	33			
	POO	•P	20	59	50			PS		17	51			
	KOD	•P	20	59	20		03	MDR	e	04	16	06		
	DDI	•P	20	59	38.5		03	EPC; 03.9°N, 128.2°E. (North of Halmahera) H= 04h 29m 38.5s Depth= 33 Km Mag= 4.9 (CGS)						
	NDI	iP	20	59	43.2			SHL	iP	04	37	21	D	
02	Epc: 03.9°N, 128.1°E. (North of Halmahera) H= 20h 56m 14.6s Depth= 33 Kms. Mag= 4.7 (CGS)							03	BOM	•	05	06	57	
	SHL	iP	21	03	56	C		03	SHL	iP	05	24	53	D
	CHA	•P	21	04	31			03	NDI	•	05	26	36	
03	NDI	•Pg	00	19	38	0.61		03	NDI	•	06	30	07	
		iSg		19	46			03	SHL	iP	08	03	57	D
03	NDI	i	01	03	04			03	BOK	i	08	06	28	
03	Epc: 03.5°N, 128.3°E (North of Halmahera) H=03h 03m 51.3s Depth= 118Km Mag= 4.8(CGS)							03	Epc: 25.8°S, 178.1°E. South of Fiji Islands) H= 07h 51m 25.4s Depth= 629 Km. Mag= 5.3 (CGS)					
	SHL	•P	03	11	27			PBA	iP	08	07	12	D	37.0
	NDI	•P	03	13	16			iS		12	58			
03	PBA	•	04	00	45.7			MDR	•P	08	07	20	45.3	

- 6 -

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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Cont	MDR	PPP	09 45						
		iS	14 01						
	KOD	eP	08 08 32.5						
	DDI	eP	08 08 41.6						
	POO	ePKP	08 08 48						
	NDI	ePKP	08 08 49	C					
	BOM	e	08 09 41						
		e	11 43						
		e	15 39						
	CAL	i	08 13 45						
	CHA	eP	08 13 57						
	Epc: 25.7° S, 178.3° E. (South of Fiji Islands)								
	H= 08h 18m 14.7s Depth=654KM								
	Mag= 5.3 (CGS)								
	POO	ePKP	08 35 35						
	NDI	ePKP	08 53 36.5	D					
03	NDI	e	08 40 57						
03	BOK	e	08 52 20						
03	SHL	eP	08 56 01						
03	BOK	e	08 58 16						
03	Epc: 49.4° N, 155.6° E. (Kurili Islands)								
	H= 08h 57m 06.8s Depth=33 Km								
	Mag= 5.4 (CGS)								
	SHL	iP	09 06 30	C					
	CHA	iP	09 06 46	C					
	DDI	iP	09 07 10.6						
	NDI	eP	09 07 22						
	PBA	iP	09 07 37	C					
	MDR	eP	09 08 22	C					
	POO	eP	09 08 23.5						
	BOM	eP	09 08 25						
	KOD	iP	09 08 45	CSW					
03	Epc: 19.2° N, 121.2° E. (Philippine Islands Region)								
	H= 09h 45m 52.0s Depth=52 Km.								
	Mag= 4.5 (CGS)								
	SHL	iP	09 51 57	D					
	MDR	eP	09 53 22						
	DDI	iP	09 53 28.5						
	NDI	eP	09 53 30						
	KOD	eP	09 53 50	DE					
	BOM	eP	09 54 10						45.8
		eS	10 00 47						
	POO	eP	09 54 00.5						
03	DDI	eP?	10 08 41.6						
03	SHL	eP	10 55 03						
03	NDI	e	11 00 27						
03	DDI	eP	11 00 28.1						
03	NDI	ePn	13 40 36.5						8.6
		eSn	42 15.0						
03	SHL	iP	14 30 13	CSW					
	CHA	iP	14 30 53.2	C					3.1
		P*	30 56.3						
		Pg	31 04.9						
		S	31 31.2						
		S*	31 38.6						
		SS	31 40.3						
		Sg	31 44.5						
03	DDI	eP	14 59 46.0						
03	SHL	iP	16 06 22	C					
03	CHA	iP	16 06 58	D					
03	Epc: 04.3° N, 128.5° E. (North of Halmahera)								
	H= 17h 11m 51.4s Depth=33 Km								
	Mag= 5.4 (CGS)								
	SHL	iP	17 19 32	C					
	CHA	iP	17 20 07						

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	TRD	iP	21 50 38						
	SEH	iP	21 50 42			GOA	•P	01 47 18.9	50.0
							•S	54 29.9	
	NDI	iP	21 50 57.8	53.0		POO	•P	01 47 24 D	50.6
		•S	58 20				PP	49 25	
		PPS	58 46				iS	54 34	
	DDI	iP	21 50 58	53.0		NDI	•P	01 47 30	51.4
		•PP	52 57.2				iS	54 50	
		•S	58 20.0			BOM	•P	01 47 31 DE	61.6
		i	22 01 32.4				iS	54 55	
	GOA	•P	21 51 01.9			DDI	•P	01 47 31.4	
	POO	•P	21 51 04			04 SHL	iP	02 27 09 D	
	BOM	iP	21 51 11 CW						
		iS	58 49.2						
04	BOM	•Pg	00 11 10	0.1					
		•Sg	11 12						
04	Epc: 0.6° S, 121.7° E. (Northern Celebes)								
	H= 01 h 38m 26.2s Depth=33Km								
	Mag: 4.8(MB), 6.1 (MS) (CGS)								
	6.0 (PAS)								
	PBA	•P	01 44 47 E				BHK	•PKP	04 29 55.2
		i	45 28				DDI	•PKP	04 30 00.7
		i	51 43				NDI	iPKP	04 30 01.1 C
		i	55 51				BOM	•PKP	04 30 03
	SHL	•P	01 45 51				i	30 09	
	CAL	•P	01 46 00				POO	iPKP	04 30 05.3
	VIS	•P	01 46 19 SE	42.4			GOA	•PKP	04 30 06.4
		iPPP	48 37				KOD	iPkp	04 30 13.0
		iS	52 40				BOK	•PKP	04 30 14
		•SS	55 48				MDR	•PKP	04 30 14
	BOK	•P	01 46 20 DSE	42.5				•PP	34 44
		•S	52 42					SKSP	45 15
		SS	55 57				SHL	iPkp	04 30 15 CNE
	CHA	•P	01 46 26	43.3			PBA	iPkp	04 30 26
		•S	52 59				CHA	•	04 30 31
	KOD	•P	01 46 43,5 DN	45.4			VIS	•	04 30 44
		iS	53 23.5			04	NDI	•	04 58 52
	TRD	•P	01 46 45 E	45.6		04	GOA	•	05 31 23
		PcS=ScP	52 20			04	DDI	•P	05 46 46.2
		•S	53 26						

Epc: 08.2° S, 80.2° W.
(OffCOST of Northern Peru)
H= 04h 10m 13,3s Depth= 16 Km.
Mag: 6.0(MB), 5.9(MS) (CGS)
6.5(PAS), 5.2(BRK) Felt in
Trujillo Chiclays Area.

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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04	NDI	•P 1S	05 47 05 48 57	9.8	04	VIS	•P	22 05 45		
04	BOK	•	08 04 47		04	CHA	1Pg Sg SS	22 28 21.7 28 40.9 28 49.3	D 1.5	
04	MDR	•	08 06 09		04	BOM	•	23 12 42		
04	BHK	•	10 45 58.2		05	SHL	•P	01 41 43		
04	NDI	1	12 30 20		05	SHL	1P	04 57 46	D	
04	DDI	1P	17 02 21.8	C	05	Epc: 03.9° N, 128.6° E. (North of Halmahera) H= 10h 36m 24.6s Depth= 35 Kms. Mag= 5.2 (CGS)				
04	SHL	•P	17 02 51		CHA	•P 1	10 44 32 51 26			
04	CHA	•P	17 03 29		SHL	1P	10 44 09	C		
04	CHA	1P	17 06 05	D	BOK	1P PP 1S	10 44 46 46 37 51 27		45.9	
04	NDI	•P	17 07 12		PBA	1 1 1	10 44 58 49 10 51 58			
04	EPC; 05.5° N, 126.9° E. Mindanao, Philippine Islands) H= 17h 08m 07.3s Depth= 33Km Mag: 4.9 (CGS)					MDR	•P PP •S PPS	10 45 09 47 03 52 12 52 27		48.8
	SHL	1P	17 15 32	D	VIS	• •	10 45 18 52 14			
	CHA	1P	17 16 15	D	KOD	•P	10 45 27	C		
	NDI	•P	17 17 21		TRD	•P •S	10 45 30 52 46		51.6	
04	SHL	1P	18 32 11	D	DDI	•P •S	10 45 49.1 53 25.0		54.2	
04	SHL	•Pg •Sg	19 15 45. 15 52.	0.6	NDI	•P •S	10 45 51 53 28		54.5	
04	SHL	•Pg •Sg	19 47 06.1 47 12.0	0.5	GOA	•P •S	10 45 53.8 53 35.2		55.2	
04	SHL	1P	19 56 51	C	POO	•P	10 45 57			
04	NDI	1Pg 1Sg	22 00 51.0 00 58.1	CSE 0.55 M=3.8	BHK	•	10 45 58.2			
	DDI	•P 1 1Sg	22 01 09.8 01 11.3 01 34.9	M= 4½ 2.0						
04	CHA	1P	22 02 57	D						
04	BOK	•	22 02 59							
04	POO	•P •	22 03 15 05 17							

FEBRUARY, 1969

- 11 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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06	BOM	e	20 00 00			BOM	ePn	06 15 14.7	1.8	
							eSn	15 38.2		
06	BOM	e	21 31 56							
07	Epc: 32.6° N, 48.1° E. (Western Iran) H= 01h 03m 06.5s. Depth= 51 Kms. Mag= 4.7 (CGS)					07	Epc: 0.7° N, 125.7° E. (Molucca Passage) H= 06h 15m 50.7s Depth= 41 Kms. Mag= 5.1 (CGS)			
	NDI	eP	01 08 31			BOK	eP	06 24 09		
	DDI	eP	01 08 33.2			KOD	eP	06 24 34 CW		
	POO	eP	01 08 49			NDI	eP	06 25 10		
	SHL	eP	01 10 25			POO	eP	06 25 11		
	NDI	eP	01 15 43			DDI	eP	06 25 17.3		
07	SHL	iP	02 41 07 D		07	BOM	ePg eSg	07 32 15 32 16.2	0.1	
07	SHL	eP eS	03 23 45.5 24 09.5	1.8	07	BOK	e	07 58 49		
07	NDI	eP	04 18 41		07	BOK	e	08 23 26		
07	SHL	iP	04 46 07		07	Epc: 27.6° N, 94.0° E. (Eastern India) H= 09h 25m 38.8s Depth= 33 Km.				
07	Epc: 0.7° N, 125.8° E. Molucca Passage H= 04h 54m 10.1s Depth=36Km. Mag= 4.9					TOC	eP	09 25 53.5		
	SHL	eP	05 01 53		SHL	iP	09 26 21 DNE			
	POO	eP	05 03 31.5		CHA	eP	09 27 10			
	NDI	eP	05 03 33		BOK	e	09 27 57			
	DDI	eS	05 11 18.8		NDI	eP eS	09 29 06 31 38	14.7		
07	NDI	e	05 16 34		DDI	eP	09 29 03.1			
07	POO	ePg eSg eSn	06 07 55 08 11.5 00 13.5	1.2	BOK	e	10 29 52			
07	SHL	ePg eSg	06 08 09.0 08 18.5	0.5	07	NDI	iP	12 28 57.6 C		
07	POO	ePg eSg eSn	06 15 05.7 15 22 15 24.2	1.2	07	POO	ePg eSg eSn	14 03 08.5 03 21.8 03 23.7	1.0	
					07	POO	e	14 06 50		
					07	DDI	eP i	20 05 48.5 06 13.0		

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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09		Epc: 05.7° N, 127.3° E. Philippine Islands Region H=14h 27m 19.2s Depth= 136 Kms. Mag= 4.9 (CGS)				NDI	•	18 22 32	
					09	NDI	•P IS	22 15 32 17 19	9.3
	SHL	1P	14 34 37	C	09	SHL	•P	23 09 15	
	KOD	•P	14 35 58		10	NDI	•P	00 09 28	
	NDI	•P	14 36 20		10	CHA	1P	01 50 56	C
	POO	•P	14 36 27.5		10	SHL	1P	06 16 38	D
09		Epc: 21.7° N, 101.3° E. (Burma- China Border Region) H= 15h 34m 44.4s Depth=33Km. Mag=5.0(MB),4.9(MS) (CGS)			10		Epc: 02.1° N, 96.8° E. (Northern Sumatra) H=07h 16m 12.9s Depth= 33 Kms. Mag: 5.4 (CGS)		
	SHL	1P	15 37 00	C		MDR	•P PP •S SS	07 20 51 21 07 24 28 24 53	20.5
	CHA	1P •S	15 38 03 41 34	C 19.1		VIS	1P •PP •PPP IS	07 20 53 21 22 21 31 24 44	CW 20.8
	BOK	•P	15 38 09			KOD	•P	07 20 56	
09	TOC	•	15 38 09			SHL	1P	07 21 23	CN
	VIS	•P	15 38 49			BOK	•P	07 21 26	
	DDI	•P	15 39 45.4			PBA	i	07 21 36	
	NDI	•P •S	15 39 47 43 59	23.0		BOM	•P •	07 22 19 29 09	
	KOD	•P	15 40 18	C		DDI	•P	07 22 49.9	
	POO	•P	15 40 19.5			NDI	i	07 23 41.7	C
	BOM	•P •PPP •S	15 40 27 41 25 45 15	27.2		GOA	•S	07 26 11	
	PBA	i	15 42 07		10	BOK	•	07 37 25(?)	
	MDR	•	15 43 46		10	BOK	•	09 24 12(?)	
	GOA	•	15 48 43		10	NDI	ISg	09 51 51	
09	CAL	•	16 40 08		10	SHL	•Pg •Sg	14 00 43.5 00 56.7	1.0
09		Epc: 05.2° N, 133.7° E. (Aroe Islands Region) H= 18h 13m 06.5S Mag: -- DEPTH: 33 Km.							
	SHL	1P	18 22 05	C					

FEBRUARY, 1969

-----					△ Deg.	-----					△ Deg.		
DATE	STN	PHASE	H.	M.	S.	DATE	STN	PHASE	H.	M.	S.		
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	NDI	eP	23	11	28		Contd (Sumbawa Island Region)						
	DDI	eP	23	11	29.4		H= 13h 29m 38.3s						
		1		15	24.6		Depth= 83 Km.						
		1		22	48.5		Mag= 5.3 (CGS)						
		1		30	50.4								
	POO	eP	23	11	39		POO	eP	13	38	38.5		
		e		14	53		NDI	eP	13	38	57.5 C		
		e		18	17		11	NDI	1Pg	13	59	24.3 CSE 0.6	
	CAL	e	23	13	57			1Sg		59	32.1 M= 2.2		
		1		20	18.0			DDI	eP	13	59	44.2	
		1		21	22.0								
	BOM	eP	23	11	31		11	POO	ePg	14	29	17.5 1.2	
		e		16	11			eSg		29	32.2		
		e		18	19			eSn		29	34		
		1		22	10.2		11	SHL	1P	14	33	57 C	
		1		22	55.2								
	TRD	e	23	15	32		11	SHL	1P	15	30	09	
		1		20	43								
		1S		21	59		11	SHL	ePg	16	07	02 1.4	
		1		23	39			eSg		07	21.0		
		1		25	09		11	NDI	ePn	20	28	26.3 8.6	
	TOC	eS	23	20	47			eSn		30	04		
10	BOM	1P	23	22	58 SW 54.8	11	FBA	1P	20	37	17.0 C 2.3		
		e		24	52			Pg		37	23.5		
		PP		25	03			PPP		37	30.5		
		eS		30	38			S*		37	48.5		
		PS		30	49			Sg		37	54.5		
10	NDI	eP	23	34	44		SHL	eP	20	39	56		
11	NDI	e	00	08	38		CHA	1P	20	40	38 C		
11	SHL	eP	00	09	38		KOD	1P	20	40	46 DSW		
11	PBA	1P	01	05	43 C		POO	eP	20	41	30		
11	CHA	1P	01	08	29 C		NDI	1P	20	41	52.1 D		
11	NDI	eP	01	09	39		DDI	1P	20	41.52.7			
11	DDI	eP	01	09	50		11	SHL	eP	21	22	29	
11	NDI	1	03	41	50		11	Epc: 41.4° N, 79.2° E. (Kirgiz Sinkiang Border Region Felt) H= 22h 08m 54.7s Depth= 33 Kms. Mag: 5.8 (CGS)					
11	BOM	ePg	04	32	14.5 0.1								
		eSg		32	15.9								
11	SHL	eP	06	45	37		DDI	1P	22	11	32.1 D 10.9		
11	Epc:		08.3° S,	118.8° E.				eS		13	37.7 M=7.4		

FEBRUARY, 1969

DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
	NDI	•P	22 11 54	12.6		TOC	•P	22 23 56	45.9	
		1PP	12 02				1S	31 07.1		
		1S	14 14.7			MDR	1P	22 24 31 E		
	CHA	1P	22 12 37 DNW	15.9			SSS/ScS	34 25		
		1S	15 47			CHA	1P	22 24 32 D	51.0	
	SEH	•P	22 13 03M=2(?)	17.9			PPP	26 57		
		1S	16 22				1	30 25		
							S	31 13		
	BOK	1P	22 13 08 DNW	18.4		NDI	1P	22 25 29.5 DE	58.9	
		1S	16 26 M=6 $\frac{1}{2}$				1S	33 00		
		PcP	17 37				1	34 34		
							1	35 44		
	SHL	1P	22 13 12	18.6		BOM	1P	22 25 31 D		
		1S	16 44.0			11	DDI	1 22 33 01.8		
	TOC	•P	22 13 23	19.6		11	NDI	•P 22 47 07	11.6	
		•S	17 00				?	49 18		
	CAL	1P	22 13 35 NW	20.8		12	Epc: 41.3° N, 79.3° E. (Kirgiz Sinkiang Border Region) H= 00h 22m 37.4s depth= 33 Kms Mag: 4.9 (CGS)			
		1S	17 20.6				DDI	•P 00 25 15.3	10.7	
	BOM	1P	22 13 59 CS	23.2			1S	27 16.5		
		PP	14 07				NDI	•P 00 25 37	12.6	
		PP	14 29				•S	27 57		
		PcP	17 50				CHA	1P 00 26 20 D		
		1S	18 07				SHL	1P 00 26 57 D		
		SS	18 50				POO	•P 00 27 44.5		
	POO	•P	22 14 00.5	23.3		12	KOD	•P 00 43 55		
		1S	18 09.0				DDI	•P 00 53 31.2		
	VIS	1P	22 14 09 CS	24.2		12	NDI	•P 00 53 51		
		1PP	14 46 M=6 $\frac{1}{2}$				POO	•pg 01 19 27	1.2	
		1S	18 23				•Sg	19 42.2		
							•Sn	19 44		
	MDR	•P	22 14 50	28.6		12	NDI	• 02 44 33		
		•S	19 41			12	NDI	• 03 25 51		
	KOD	1P	22 15 13.0			12	NDI	1 04 01 46		
	PBA	1P	22 15 24 DS	32.5						
		1S	20 38							
	TRD	1P	22 15 38							
11	Epc: 06.7° S, 126.8° E. (Banda Sea) H= 22h 16m 13.3s Depth= 450 Kms. Mag= 6.0 (CGS) 7(PAS), 6.7 (BRK)									
	PBA	1P	22 22 57 DSE	38.5						
		1S	28 20.5							
		1S	32 22							

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	Deg.	DATE	STN	PHASE	H. M. S.	Deg.
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12	Epc: 41.5° N, 79.5° E. (Krigiz-Sinkiang Border Region H= 04h 17m 19.4s Depth=33 Km. Mag= 4.7 (CGS)				12	BOM	eP eS	16 12 46 18 50	39.7
	DDI	eP	04 20 00.2		12	Epc: 05.8° S, 107.8° E (JAVA) H= 16h 08m 50.1s Depth= 303Km Mag= 4.8 (CGS)			
	NDI	eP eS	04 20 21 22 34	12.6		SHL	1P	16 15 17	CNW
	SHL	1P	04 21 40	D		CHA	1P	16 15 43	C
12	NDI	1Pg 1Sg	04 45 31 45 38	0.54		POO	e	16 16 08	
12	NDI	1	05 05 49		12	NDI	e	17 00 08	
12	NDI	1	08 23 55		12	CHA	1Pg	17 44 05.9	C
12	NDI	1	08 48 46		12	NDI	e	19 18 14	
12	NDI	1	08 55 23		12	POO	eP	19 18 17	
12	DDI	eP	10 50 20.2		12	SHL	eP	20 50 03	
	NDI	ePn ePg eSn eSg	10 50 42.5 50 52 51 18.2 51 30	2.9	13	Epc: 52.2° N, 169.9° W. (Fose Islands Aleutian Islands) H= 01h 35m 52.4s Depth= 16 Km. Mag:- 5.1 (CGS)			
12	NDI	e	14 31 26			SHL	1P	01 47 33	C
12	Epc: 36.8° N, 135.6° E. (Sea of Japan) H=15h 35m 29.9s Depth= 345 Km. Mag= 4.1 (CGS)					CHA	1P	01 47 45	
	SHL	1P	15 42 22			DDI	1P	01 47 54.7	C
	POO	eP	15 44 38.5			NDI	1P	01 48 04.0	C
12	Epc: 55.9° N, 152.9° E. (Near East Coast of Kamchatka H= 15h 39m 54.6s. Depth= 44 Km Mag= 5.1 (CGS)					POO	1P	01 48 53.5	C
	SHL	eP	15 49 48		13	Epc: 07.4° S 107.0° E. (JAVA) H= 02h 42m 17.7s Depth=15 Km. Mag= 5.3 (CGS)			
	CHA	eP	15 50 01			MDR	eP	02 49 00	
	DDI	1P	15 50 15.2	C		KOD	1P	02 49 08.5	D
	NDI	eP	15 50 26			SHL	eP	02 49 20	
	POO	eP	15 51 27.5			CHA	1P	02 49 40	D
12	BOK	e	16 10 20			POO	eP	02 50 09	
						NDI	eP	02 50 42	
					13	NDI	1P	02 50 42.9	

FEBRUARY, 1969

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DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
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13	NDI	•P	02	57	19									
13	POO	•Pg •Sg •Sn	04	18	58 19 13.5 19 15.2		13	GOA	•P	10	31	55		
										Epc: 25.0N, 62.9E. Western Pakistan H= 11h 11m 25.5s Depth= 33Km Mag= 5.2 (CGS)				
13	MDR	•Pg •	04	48	22.6 48 24			BOM	•P •S •S	11	14	03 15 58 16 58	10.9	
								NDI	•P •S	11	14	31.8 16 52	13.1	
13	SHL	•P	06	41	33	D		GOA	•P	11	14	42.8		
13	CHA	•P	06	53	04			DDI	•P	11	14	47.4		
13	NDI	(•P)	07	48	14.4			VIS	•P •PP •S	11	15	48 15 42 19 37	W 19.1	
13	BOK	•	08	52	37			MDR	•P •PP •S •SS	11	16	01 16 32 19 50 20 22	20.4	
13	DDI	•P	09	19	34.4			KOD	•P	11	16	04.5	DNW	
13	NDI	•P i i	10	22	07.4 24 24 25 53	CE		BOK	•P •PP	11	16	09 16 33	21.1	
13	DDI	•P i i	10	22	19.6 29 13.1 31 47.3			TRD	•P •S •SS	11	16	14 20 06 22 52	91.5	
13	CHA	•P	10	23	49			CHA	•P •S	11	16	20 20 16	22.2	
13	BOK	•	10	27	27			CAL	•	11	16	38		
13	CHA	•P	10	27	36			SHL	•P	11	17	00		
13	SHL	•P	10	29	00			13	NDI	•P	13	51	49	
13	VIS	•P	10	29	42.4			13	BOM	•Pn iSn S*	18	22	15.5 22 40.5 22 42	D 1.9 Reported felt at Cliplum
13	Epc: 05.0°N, 126.9°E. (Mindanao, Philippines Islands H= 10h 22m 31.1s Depth= 33 Km Mag: 4.9 (MB), 5.3 (MS) (CGS)													
	CHA	•P iS	10	30	21 36 56	42.1		13	KOD	•P	18	25	15	
	MDR	•P •S	10	31	02 37 47	47.2		13	BOM	•Pn •Sn	18	26	31.7 35 55.2	1.8 Reported felt at clipun.
	KOD	•P	10	31	03			GOA	•Pn • •Sn	18	26	33.3 26 56.7 26 58.9	C 2.0	
	TRD	•P •	10	31	18 38 28			POO	•	18	26	38		
	BOM	•P •S •PS	10	31	54 39 28 39 54	54.0		NDI	•P •S	18	28	50.5 30 51.0	10.6	

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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	MDR	•P	18 29 16.2	2.7	14	BOM	•	07 05 55		
		•S	29 29 49.7							
		S*	29 54.2			14	BOK	•	07 22 16	
		Sg	29 56.4			14	NDI	1	08 40 49	
	CHA	•P	18 29 32		14	POO	•	08 45 25		
13	TRD	•S	18 30 43		14	POO	•	08 59 54		
	DDI	•P	18 31 46.3		14	PBA	1	09 54 02.0		
	CHA	•P	18 32 37				1	54 20.5		
13	SHL	•Pg	18 40 39.0	1.2			1	54 22.0		
		•Sg	40 54.5					1	54 26.5	
13	BOM	•Pn	18 53 23.4	1.9	14	Epc:	16.6°N, 99.1°W.			
		•Sn	53 47.8							
13	BOM	•Pn	21 27 14.0	1.8						
		•Sn	27 37.9							
13	KOD	•P	21 30 21.5			POO	•PKP	13 30 12		
13	NDI	1Pg	23 39 28.6	CSE 0.2		VIS	•PKP	13 30 17		
		1Sg	39 31.2				MDR	•PKP	13 30 29	
14	NDI	•P	01 00 18			KOD	•P	30 36.5 D		
14	Epc: 04.6°N, 127.5°E. (Taland Islands) H= 04h 53m 28.0s Depth= 98 Km. (USCGS)					14	DDI	•P	15 11 37.5	
	SHL	1P	05 00 55	D	14	SHL	•Pg	21 32 49.0	1.4	
							•Sg	33 08.0		
	NDI	1P	05 02 37	D	14	DDI	•P	21 59 48.6		
	DDI	1P	05 02 38	D	14	NDI	•P	22 00 02	11.1	
							•S	02 08		
	POO	•P	05 02 43.5		15	NDI	•P	02 41 46		
14	Epc: 17.8°S, 87.3°E (South Indian Ocean) H= 06h 14m 53.4s Depth=33 Km. Mag=5.3 (CGS)					15	POO	•Pg	03 08 32	
							•Sg	08 48		
							•Sn	08 50		
	POO	1P	06 22 15.5	C	15	DDI	•P	07 11 00		
14	DDI	•P	06 22 38.6		15	NDI	•	07 13 44		
14	Epc: 0.8°S, 126.7°E. (MOLHCCA SEA) H= 06h 14m 38.8s Depth= 33 Km. Mag+ 5.0 (CGS)					15	BOK	•	07 19 07	
	SHL	•P	06 22 32		15	BOK	•	07 32 34		
	NDI	•P	06 24 26		15	POO	•P	07 37 -		
					15	BOK	•	07 45 22		
					15	DDI	•P	09 44 01.5		

FEBRUARY, 1969

- 20 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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15	NDI	i	09 44 24		16	NDI	•P •S	05 38 36 39 44	5.8	
15	SHL	•P	11 18 00		16	NDI	•P •S	05 49 40 51 52	11.6	
15	POO	•Pg(?)	12 44(10)		16	SHL	•P	07 00 22		
15	SHL	•P	14 01 17		16	NDI	•P	07 02 04		
15	CHA	1Pg Sg	14 01 35.7 C 01 40.7	0.4	16	NDI	•P	09 56 05		
15	MDR	•P	14 01 52		16	SHL	•P	14 02 11		
15	DDI	•P	14 02 20.2		16	NDI	•	15 02 19		
15	POO	•P	14 02 24		16	DDI	•P i IS	15 05 33.6 07 05.1 07 10.8	1.5	
15	DDI	•P •S	16 34 34 36 05.5	8.0	16	NDI	•P IS	15 05 51 07 32.3	8.8	
15	DDI	•P	20 32 45.1		16	Epc: 16.9° S, 67.0° E. (Mid Indian Ridge. H= 15h 08m 58.9s Depth= 33 Km Mag= 5.1 (CGS)				
15	CHA	•P	20 33 27		16	BOM	•PP	15 17 22		
15	SHL	1P	22 46 43 C		16	SHL	1P	15 17 43 D		
15	CHA	1P	22 47 20 D		16	NDI	•	15 19 54		
15	Epc: 41.5° N, 79.5° E. (Kirgiz Sinkiang Border Region H= 23h 59m 10.6s Depth=33 Km Mag= 5.0 (CGS)					16	MDR	•S	15 20 50	
	DDI	•P IS	00 01 48.8 03 55.3	11.0	16	TRD	•S	15 21 25		
	CHA	1P	00 02 52 D		16	SHL	1P	15 27 40 C		
	SHL	•P	00 03 23		16	SHL	1 ^r	16 34 15 D		
	BOK	•P	00 03 34		16	SHL	1P	16 41 03 D		
	POO	•P	00 04 07		16	NDI	•(•P) •S	20 25 33 27 14	8.8	
	BOM	•P	00 04 25		16	NDI	• IS(?)	21 54 46 54 50.5		
	VIS	•P	00 04 34		17	Epc; 03.8° N, 128.4° E. (North of Halmahera) (H=00h 42m 59.2s Depth=14Kms. Mag= 5.6(MB) 6.5(MS) (CGS) 6.1(PAS)				
	MDR	•	00 10 40							
16	PBA	i i i	04 30 19.9 30 21.9 30 22.9							

FEBRUARY, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
	POO	eP	05	32	32		17	SHL	eP	09	46	53		
	BOK	e	05	32	14		17	SHL	iP	17	51	17	D	
	SHL	iP	05	32	17	C	17	NDI	eP	17	52	57		
17	NDI	eP	06	33	51		Epc: 3.4° N, 128.0° E. (North of Halmahera) H= 19h 02m 48.8s Depth= 55 Km. Mag= 5.2 (CGS)							
17	Epc: 03.4° N, 128.6° E. (North of Halmahera) H= 06h 27m 14.3s Depth: 72 Kms. Mag= 4.7 (CGS)							SHL	iP	19	10	29		
	VIS	eP	06	35	38			CHA	eP	19	11	09	D	
	MDR	eP	06	33	59	49.5		NDI	eP	19	12	16		
	DDI	iP	06	36	38.7	C	17	KOD	eP	20	00	20		
		i		36	47.2		Epc: 5.5° N, 127.6° E. (Phillipine Islands Region) H= 20h 14m 01.7s Depth= 72Kms. Mag= 4.5 (CGS)							
	NDI	iP	06	36	39.0	C		SHL	iP	20	21	28		
	POO	eP	06	36	44.3			CHA	iP	20	22	06	D	
17	SHL	iP	06	37	57	C		DDI	iP	20	23	11.8		
17	NDI	eP	06	49	41			i		23	26.3			
17	PBA	iPg	07	03	09.4	DS 0.6		NDI	eP	20	23	12		
		P*		03	11.4			MDR	e	20	24	23		
		P		03	13.4		17	BOM	e	20	31	05		
		iSg		03	17.4		17	NDI	eP	20	49	45		
		PP/S*		03	21.4		17	SHL	ePg	21	34	47.1	0.8	
		S		03	25.4			eSg		34	55.2			
17	NDI	i	07	08	51		18	NDI	e	02	38	58		
17	POO	eP	07	09	50		18	NDI	eP	05	33	25		
17	Epc: 37.5° N, 140.7° E. (Honsu, Japan) H= 07h 29m 07.3s Depth= 86 Kms. Mag= 4.0 (CGS)							18	NDI	ePn?	07	04	32	2.9
	NDI	eP	07	38	17			eSn		05	08			
	POO	eP	07	39	11		18	NDI	e	07	46	38		
17	SHL	ePg	07	40	13.1	0.9	18	BOK	e	08	09	08		
		eSg		40	25.1		18	BOM	e	09	14	-		
17	BOK	e	08	01	10		18	NDI	e	09	14	13		
17	BOK	e	08	34	53		18	NDI	ePn?	10	10	37	8.5	
17	BOK	e	09	26	55			eSn		12	14			
17	BOK	e	09	29	51									

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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18	NDI	eP	12 31 42			CHA	iP S	21 05.27.2 C 06 47.8 M=6	7.6	
18	NDI	eP	13 39 06			BOK	eP	21 05 38		
18	NDI	e	16 00 19			VIS	eP iPP iS	21 06 41 C 06 51 08 52	13.3	
Epc: 29.7° N, 68.4° E (West Pakistan) H= 19h51m 27.5s Depth= 51 Kms. Mag= 4.6 (CGS)							DDI	eP iS	21 07 19.6 10 17.1	16.4
	NDI	ePn i eSn SS	19 53 20 53 46 54 44.5 54 55	7.8		NDI	eP eS	21 07 24 10 15	15.36	
	DDI	eP i i	19 53 28.6 54 21.9 56 02.1			MDR	eP eS	21 07 43 10 56	18.4	
	POO	eP	19 54 (19)			POO	eP	21 08 13.5		
	BOK	e	19 55 26			KOD	eP	21 08 23.5 C		
	CHA	iP	19 55 26	D		BOM	eS	21 12 08		
	SHL	eP	19 56 05		18	CHA	iP S	21 48 43.2 C 49 20.3	3.0	
18	BOM	e	19 58 02			NDI	eP	21 51 20		
18	CHA	iP	19 58 20	C	19	NDI	e	02 39 49		
18	VIS	eP eS	19 59 58 20 01 00	5.3	19	NDI	ePg? e iSg	02 40 54.5 41 00 41 03.0	0.61	
	MDR	e	20 01 42		19	SHL	iP	03 45 21 D		
18	BOK	e	20 16 41		19	NDI	e	05 13 18		
	CHA	iP eS	20 17 23.6 18 24.1	5.1	19	BOM	ePg eSg	07 31 21.5 31 23.5	0.2	
18	NDI	eP	20 21 11		19	BOK	e	07 51 44		
18	SHL	iP	20 32 10	C	19	NDI	iPg iSg	08 30 37.5 CE 30 40.5 M= 1.9	0.23	
Epc: 24.5° N, 95.4° E. (BURMA) H=21h 03m 37.6s Depth= 160 KM Mag: 5.0 (CGS)							19	NDI	eP	08 46 04
18	SHL	iP	21 04 21	GSW Felt at Shillong	19	BOK	e	08 46 52		
	TOC	ePn iSn	21 04 23.5 04 52.5	D= 2.8	19	NDI	e	14 07 33		
	CAL	iP iS	21 05 17.2 W 06 24.2	6.9	19	NDI	eP	15 24 06		
					19	SHL	eP	16 52 49		

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	Δ Deg	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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19	NDI	eP	17 20 03		Contd	IS		11 48		
						SS		15 28		
19	SHL	ePg eSg	22 14 07.1 14 22.2	1.1	20	TRD	eP	10 04 38	51.5	
20	SHL	iP	01 47 15 C				PcP	05 50		
20	NDI	ePg? eSg	04 38 06 38 10.8	0.37			PP	06 36		
							PPP	07 39		
20	NDI	eP	05 08 59		20	DDI	eP	10 04 57.9	54.1	
20	NDI	i IS?	07 13 12 13 25				PP	07 00.9		
							PPP	08 00.1		
20	BOK	e	07 35 55				IS	12 30.0		
20	SHL	iP	07 47 43 C		20	NDI	eP	10 05 00	54.4	
20	BOK	e	08 15 12				PP	07 07M=6.9		
20	BOM	e	08 48 36				IS	12 39		
					20	GOA	iP	10 05 03.0 DSE	54.8	
							PPP	08 21.0		
							eS	12 44.4		
							PS	12 55.0		
	Epc: 3.5 N, 128.2 E. (North s of Halmahera) H=09h 55m 33.8 Depth= 33 Km Mag=5.7 MS= 6.4					20	POO	iP	10 05 04.3 D	55.0
							IS	12 47		
	PBA	eP	10 02 34		20	BOM	iP	10 05 11 DE		
							i	05 19		
	TOC	eP eS	10 03 10 D 09 14	39.8			PcP	06 08		
							i	16 23		
20	SHL	iP IS	10 03 16 D 09 30	41.1	20	BHK	eP	10 05 12.2	56.1	
							eS	13 03.0		
	CAL	iP IS	10 03 35 E 10 02	43.4	20	BOM	eP	10 11 17		
					20	PBA	i	10 12 57		
	BOK	iP PPP IS ScS	10 03 53 DSE 06 25 10 38 13 48	45.7						
						Epc: 3.5 N, 128.4 E. (North of Halmahera) H= 10h 30m 22.1s Depth= 77 Kms. Mag=6.0				
20	CHA	eP	10 03 54			PBA	iP	10 37 20	35.8	
20	VIS	iP ePP IS	10 04 03 05 52 10 54	46.9			IS	43 00		
						TOC	eP	10 37 54		
20	MDR	iP PPP IS PS PPS SSS	10 04 14 D 06 58 11 11 14 11 21 11 32 15 56	48.3		DDI	i	10 38 18.5	54.1	
							iP	39 42.6		
							IS	47 20.1		
20	KOD	eP	10 04 34	50.8		CHA	iP	10 38 41 S	46.2	
							S	45 21M= 74		

- 26 -

FEBRUARY, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.		
	KOD	iP	13	15	08.5	DE			SHL	iP	17	05	56	41.3	
									iS		12	16			
	NDI	eP	13	15	33			BOK	iP	17	06	32	W	45.7	
									iS		13	15			
	Epc: 3.6° N, 128.1° E. (North of Halmehra) H= 13h 29m 07.6s Depth= 83 Kms. Mag= 5.5								ScS		16	23			
								SS		16	34				
	SHL	iP	13	36	45	D		CHA	eP	17	06	35		46.0	
									iS		13	16			
	MDR	eP	13	37	44		48.2	20	VIS	iP	17	06	42	CNW	
		eS		44	47			20	MDR	eP	17	06	54		48.8
	NDI	eP	13	38	28				eS		13	57			
	POO	eP	13	38	33				SSS		18	47			
	BOM	iP	13	38	41		56.0	20	KOD	iP	17	07	14.5	CW	
		eS		46	29			20	TRD	iP	17	07	23	W	
	Epc: 3.4° N, 128.0° E. (North of Halmehra) H= 14h 06m 21.9s Depth= 73 Km.								GOA	eP	17	07	34.4		
									PP		09	41.8			
	SHL	iP	14	14	00			NDI	eP	17	07	37	C	54.3	
									iS		15	16			
	Epc: 3.5° N, 128.6° E (North of Halmehra) H= 15h 38m 02.4s Depth= 59 Kms Mag= 5.1 (CGS)								DDI	eP	17	07	38.1	C	54.5
									iS		15	21.8			
	SHL	iP	15	45	43	D		POO	eP	17	07	43.5			
	MDR	eP	15	46	43		48.8	BHK	eP	17	07	51.0		56.2	
		eS		53	43				eS		15	45.0			
	NDI	eP	15	47	26			BOM	eP	17	07	52		56.3	
	POO	eP	15	47	31				i		07	58			
	BOM	eP	15	47	36		55.9		PcP		08	50			
		eS		55	25				eS		15	41			
		PS		55	36				PPS		15	58			
		PPS		55	43				i	16	16	06			
	Epc: 3.7° N, 128.2° E. (North of Halmehra) H= 16h 58m 13.8s Depth 48 Km. Mag= 5.3 (CGS) Ms = 5.8								i		16	43			
									SS		19	27			
	PBA	eP	17	04	54			KOD	iP	17	21	31	D		
		i		06	30			POO	eP	17	22	00			
	TOC	eP	17	05	48		40.2	Epc: 3.8° N, 128.4° E. (North of Halmehra) H= 19h 10m 19.1s Depth= 72 Km. Mag= 5.0							
		eS		11	48			SHL	iP	19	17	58	C		
	CAL	e	17	05	53			MDR	eP	19	18	57		48.7	
									eS		26	00			

- 27 -

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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	NDI	eP	19 19 40			NDI	eP	08 29 58	
	POO	eP	19 19 46			POO	eP	08 30 03	
	BOM	eP	19 19 52			BOM	eP	08 30 09	55.9
20	NDI	e	19 27 22				eS	37 55	
	Epc: 3.4° N, 128.4° E. (North of Halmegra) H= 19h 27m 00.4s Depth= 76 Km Mag= 5.0 (CGS)					21	BOK	e	12 12 31
	SHL	eP	19 34 43			21	NDI	ePn	16 07 27.1
	MDR	eP	19 35 41				iSn	07 52.0	1.9
	NDI	eP	19 36 22			Epc: 3.3° N, 128.3° E (North of Halmehra) H= 16h 34m 29.3s Depth= 86 Km Mag= 5.0 (CGS)			
	POO	eP	19 36 29			SHL	eP	16 42 09	
20	KOD	eP	19 56 38	D		CHA	eP	16 42 45 D	
20	NDI	i	19 57 12			BOK	eP	16 42 49	
20	SHL	eP	20 41 31.5	2.4		MDR	eP	16 43 08	
		eS	42 02.5			NDI	eP	16 43 50	
20	NDI	e	21 25 30			POO	eP	16 43 54	
21	NDI	eP	01 11 39			BOM	eP	16 44 07	
21	SHL	eP	04 13 00		21	CAH	eP	16 58 40.7 D	3.2
21	KOD	eP	06 51 13				S	59 19.7	
21	KOD	eP	07 04 19			Epc: 39.2° N, 22.0° E (GREECE) H= 18h 39m 56.6s Depth= 41 Km Mag= 4.6 (CGS)			
	Epc: 3.5° N, 128.1° E. (North of Halmehra) H= 07h 10m 20.7s Depth= 90 Km. Mag= 4.7					NDI	eP	18 48 21.2	D
	SHL	iP	07 17 59	D		CHA	eP	18 49 27	
	NDI	eP	07 19 41		21	CHA	iP	21 07 11 D	
21	BOK	e	08 01 31		22	POO	eP	01 39 (22)	
	Epc: 3.2° N, 128.0° E (North of Halmehra) H= 08h 20m 35.7s Depth= 61 Kms.					22	NDI	i	02 18 07
	SHL	iP	08 28 16	D		22	POO	e	03 22 28
	MDR	eP	08 29 15	48.5		22	NDI	eP	04 46 20
		PP	31 12			22	SHL	eP	04 47 37
		eS	36 18			22	NDI	eP	04 48 34
						22	NDI	iP	05 34 56.5 C

- 28 -

FEBRUARY, 1969.

DATE	STN	PHASE	H.	M.	S.	Δ Deg	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
22	NDI	1P	05	38	01.0	C		POO	eP	20	41	(25)	
22	NDI	e	06	41	19		22	VIS	eP	20	42	09	6.9
22	NDI	e	06	48	50				1S		43	29	
22	BOK	e	07	39	10		22	BOM	eP	20	43	49	10.5
22	NDI	ePn	14	04	12	1.2			eS		45	48	
		eSn		04	29				SS		46	02	
Epc: 3.5° N, 128.2° E. (North of Halmehra) H= 17h 53m 51.4s Depth= 96Kms. Mag= 5.2(CGS)							22	GOA	eP	20	47	32.9	
	SHL	1P	18	01	27	C	22	SHL	eP	20	51	22	
	CHA	1P	18	02	05	C	22	NDI	eP	20	53	05	
	MDR	eP	18	02	31		22	KOD	eP	20	56	56	
	KOD	eP	18	02	45		22	SHL	1P	20	59	13	DNE
	NDI	eP	18	03	12		22	CHA	eP	21	00	18.6	5.4
	POO	eP	18	03	15				1S		01	21.8	
22	SHL	eP	18	13	21		22	CHA	1P	22	05	00.1	C 6.7
22	KOD	eP	18	29	16	D			S		06	18.3	
	NDI	i	18	29	25		Epc: 6.98° N, 124.9° E. (Banda Sea) H= 22h 58m 44.0s Depth= 540 Km Mag= 5.5 (CGS)						
	CHA	1P	18	30	02	D	SHL	1P	23	06	17	D	
Epc: 26.6° N, 92.4° E. (Eastern India) H= 20h 37m 07.1s Depth= 52 Kms. Mag+ 4.8							VIS	1P	23	06	37	DE	
	SHL	1Pg	20	37	26.9	DNW 1.2	MDR	eP	23	06	42		
		iSg		37	41.9	Felt at Shillong	CHA	1P	23	06	48	D 49.7	
								eS		13	27		
22	TOC	iPn	20	37	34.3	D 1.7	KOD	1P	06	57.5	SE		
		iSn		37	56.2		POO	eP	23	07	34.5		
	CHA	1P	20	38	17.1	C	BOM	eP	23	07	42		
	BOK	eP	20	38	40		NDI	eP	23	07	45.2	D	
	CAL	eP	20	39	30.7		BOK	e	23	08	24		
	NDI	1P	20	40	13.5	C 13.2	22	NDI	1P	23	15	03.0	DE
		eS		42	40		22	BHK	e	23	15	29.0	
	MDR	eP	20	41	16		22	CHA	1Pg	23	41	30.3	C 0.7
		e		45	53				Sg		41	38.8	
							23	SHL	1P	00	01	32	D

FEBRUARY, 1969

- 29 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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23	CHA	1P	00 02 29.7 C	5.2		SEH	eP	00 45 45 SE		
		S	03 41.5			POO	eP	00 45 48.7	49.6	
							ePP	47 46		
							eS	52 53.0		
	Epc: 3.1 S, 118.9 E (CELEBES) H=00h 36m 56.6s Depth= 13 Km Mb = 6.1, Ms = 6.9 64 Killed, 97 Injured and 1287 Structures damaged at Modjene and environs. Ground cracks 50 meters long noted at Paktoang and 1.5 meters at Parabanga and Pilili Local tsiscinami Generated wave with 4 meter height.						BOM	1P	00 45 55	50.1
							iS	53 04		
							ScS	55 45		
	PBA	1P	00 43 10 DSE 30.3			NDI	eP	00 45 59.3	51.0	
		PP	44 12 M= 7½				i	46 03 M= 7.0		
		1	45 04				PP	48 04		
		iS	48 00				PPP	49 05		
							iS	53 14.0		
							SS	57 02		
						DDI	eP	00 46 02.2	51.5	
							iS	53 23.7		
23	TOC	eP	00 44 22			BHK	1P	00 46 55.0 DNE 53.0		
	SHL	eP	00 44 23				iS	53 46.6		
	CAL	1P	00 44 35.0 D 40.4			Epc 3.3 S, 119.1 E. (CELEBES) H= 01h 13m 15.4s Depth= Normal Mag= 5.3				
		iS	50 38.0			VIS	1P	01 21 03 D		
	VIS	1P	00 44 45 41.5			MDR	eP	01 21 10		
		iS	51 06.0			KOD	eP	01 21 17		
	MDR	1P	00 44 50 D 42.0			NDI	eP	01 22 17		
		pP	44 58			23	NDI	eP	01 44 22	
		iS	51 09.6			Epc: 3.1S, 118.8 E. (CELEBES) H= 02h 17m 01.4s Depth= Normal Mag+ 5.4 (CGS)				
	BOK	eP	00 44 52 42.3			SHL	1P	02 24 24 D		
		iS	51 16			VIS	eP	02 24 43 41.0		
	CHA	eP	00 44 58				eS	30 56		
	KOD	eP	00 45 02.0 DSE 43.7			MDR	eP	02 24 50 41.9		
		PcP	46 52				eS	31 05		
		PPP	47 24			KOD	eP	02 25 02 DSE		
		iS	51 36			POO	eP	02 25 47.3		
		SS	54 44			BOM	1P	02 25 56 DE 50.2		
		ScS	55 04				eS	33 07		
		SSS	55 36 36			NDI	eP	02 26 00.3 DSE		
	TRD	eP	00 45 03 E 43.7			23	SHL	1P	02 33 58 C	
		PP	46 45							
		eS	51 27							
	GOA	1P	00 45 43.1 SE 48.8							
		PP	47 25.3							
		i	50 56.7							
		eS	52 42.3							
		PS	52 51.0							
		PPS	52 56.3							
		iSS	56 14.3							

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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23	NDI	eP	02 35 33			KOD	1P	06 11 54.5 D	
	Epc: 3.4 N, 119.1 E. (CELEBES) H= 02h 50m 54.4s Depth= 22 Km Mag: - 5.2						TRD	eP	06 11 57
	SHL	eP	02 58 20	D			POO	eP eS	06 12 40 19 50
	VIS	1P	02 58 42	DE	41.8		BOM	1P eS	06 12 49 19 58
		ePP	03 00 21					PS	20 05
		ePPP	00 50					PPS	20 12
		eS	04 54				NDI	eP eS	06 12 53 20 12
	MDR	eP	02 58 48		42.4		BHK	eP	06 13 10.2
		PP	03 00 31						
		eS	0 05 13						
	KOD	eP	02 59 00			23	BHK	eP(?) eS(?)	07 18 42 21 36
	POO	eP	02 59 46.6						15.6
	BOM	eP	02 59 59		51.5	23	SHL	eP	08 15 25
		eS	03 07 11			23	NDI	eP	08 17 04
23	MDR	1P(?)	04 01 38	W		23	NDI	i	09 01 28
		e	03 23						
23	SHL	1P	05 02 47	CSW		Epc: 3.2 S, 118.6 E. (CELEBES) H= 10h 26m 02.9s Depth= Normal			
23	POO	ePg	05 33 (15)				KOD	eP	10 34 04.5 C
	Epc: 3.4 S, 119.0 E (CELEBES) H= 06h 03m 47.0s Depth= 7 Km. Mag= 5.3 Ms= 5.6 (CGS)						POO	eP	10 34 50
	PBA	1P	06 10 04	D			NDI	eP	10 35 03
		i	12 23			23	BOM	e	10 50 12
		i	15 38			23	POO	ePg	11 49(11)
		i	21 51			23	NDI	i	12 14 32
	SHL	1P	06 11 18	DSE		23	KOD	1P	12 50 12.0 C
	VIS	1P	06 11 36		41.3	23	NDI	eP	16 15 47
		eS	17 52			23	NDI	i	16 16 25
		eSS	20 55			23	CHA	1P	18 08 29 D
	MDR	eP	06 11 43		42.2	23	NDI	1P	18 09 21.8
		PP	13 25			23	NDI	ePh	18 38 39
		eS	18 01					Pg	38 51
	BOK	1P	06 11 45	DS	42.4			Sn	39 15.7
		1S	18 06					i	39 27
	CHA	eP	06 11 51		43.3			Sg	39 22
		1S	18 22						

- 31 -

FEBRUARY, 1969

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DATE	STN	PHASE	H.	M.	S.	△	DATE	STN	PHASE	H.	M.	S.	△
						Deg							Deg.
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23	CHA	1P	19	00	02	C		Contd	PP	21	06	3	
									eS	27	01	3	
23	CHA	1P	21	07	09	C							
23	DDI	eP	22	15	22.3			POO	eP	00	18	58.7	61.1
		i		17	01.0				eS	27	10	0	
	NDI	eP	22	15	35	8.9		SEH	eP	00	19	02	
		eS		17	17			BOM	eP	00	19	05	62.0
23	CHA	eP	22	19	55				i	19	09		
									i	21	28		
									iS	27	25		
Epc: 6.2° S, 131.0° E. (THNIMBAR ISLANDS REGION) H= 00h 08m 45.6s Depth= 38 Km. Mag= 5.8, Ms=5.9								NDI	eP	00	19	05.0	C
	PBA	eP	00	16	36			DDI	eP	00	19	06.9	
		i		16	38				i	21	24.2		
		i		18	52			BHK	eP	00	19	18.4	64.0
		i		22	11				iS	27	44.8		
	SHL	1P	00	17	34	CNW	49.4	Epc: 1.7° N, 126.4° E. (MOLUCCA PASSAGE) H= 01h 01m 10.9s Depth= 16 Kms, Mag: 5.1 (CGS)					
		iS		24	32			SHL	eP	01	08	56	
	CAL	eP	00	17	48		51.3	KOD	eP	01	10	02	
		eS		24	48			NDI	eP	01	10	35	53.7
	VIS	eP	00	18	00		52.8		eS		18	04	
		ePP		20	03			24	NDI	e	02	38	32
		ePPP		21	04			Epc: 3.2° S, 119.0° E. (CELEBES) H= 04h 18m 03.7s Depth= Normal Mb = 5.1, Ms = 4.8					
		iS		25	20			SHL	1P	04	25	29	
		iPS		25	30			VIS	eP	04	25	46	41.1
		eSS		28	53				eS	31	31	58	
	BOK	1P	00	18	02	CNW	53.1	MDR	eP	04	25	55	
		iS		25	25			BOK	eP	04	25	55	
		PPS		25	38			CHA	eP	04	26	02	D 43.1
		SS		28	58				eS		32	31	
	CHA	1P	00	18	07	C	53.7	KOD	eP	04	26	06.5	
		iS		25	32			POO	eP	04	26	52	
	MDR	1P	00	18	09	C	54.0	NDI	eP	04	27	04.9	51.1
		iS		25	38				eS		34	20.9	
	KOD	1P	00	18	21.0	CNW							
	TRD	eP	00	18	22		55.8						
		PP		20	22								
		PPP		21	40								
		iS		26	00								
		iPS		26	10								
		SS		29	42								
	GOA	eP	00	18	55.3		60.6						
		e		18	59.1								

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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	NDI	eP e	20 57 41.4 57 53.9		25	KOD	eP	04 09 35.0	
24	SHL	eP	21 12 39		25	MDR	e	04 09 42	
24	CHA	iPg Sg	21 12 53.1 12 59.2	0.5	25	P00	eP	04 09 (43)	
24	BOK	e	21 14 14		25	NDI	iPg iSg	05 05 39.1 05 45.3	CSE 0.47 M=2.3
Epc: 6.9° N, 72.9° W (Northern Colombia) H= 22h 44m 14.0s Depth= 150 Km, Mag= 5.0					25	SHL	eP	05 06 25	D
	SHL	iP	23 03 33	sSW	25	KOD	eP	05 07 24.5	CSE
	KOD	iP	23 03 39.0	D	25	P00	e	05 10 58	
Epc: 14.3° N, 56.3° E. (ARABIAN SEA) H= 01-30-08.0 Depth= Normal.					25	NDI	iPg eSg	05 31 57.0 32 02.5	CSW 0.42
	P00	e	01 34 05		25	NDI	e	07 47 46	
	NDI	eP eS	01 35 18.3 39 39.3	23.8	Epc: 15.2° N, 87.5° W (HONDURAS) H= 07h 39m 00.6s Depth= 15 Kms Mag= 5.4, Ms = 5.0 (CGS)				
Epc: 5.2° N, 126.3° E. (MINDANAO PHILIPPINE ISLANDS) H= 01h 35m 03.0s Depth= 65Kms Mag= 5.5 (CGS)						NDI	ePkp	07 58 19.5	
	SHL	iP	01 42 21		25	P00	e	07 58 26	
	CHA	eP	01 43 00	D		SHL	e	07 58 28.0	
	VIS	eP	01 43 05			VIS	ePKP	07 58 49	
	MDR	eP e	01 43 28 50 09		25	MDR	eP	07 58 49	
	NDI	eP e	01 44 06.2 49 13.2		25	KOD	ePkp e i	07 58 54 58 55 58 56	CSE
	DDI	eP i	01 44 06.2 44 16.9		25	P00	e	09 56 07	
	P00	eP	01 44 13		25	SHL	ePg eSg	09 58 15.5 58 23.0	0.7
25	KOD	eP	01 55 42.5		25	P00	e	10 17 -	
25	NDI	ePn eSn	02 11 17.2 13 04.2	9.4	25	NDI	eP e	11 30 55.5 31 03.0	
25	SHL	eP	02 51 51		25	P00	e	11 40 26	
25	BOK	e	03 59 42		25	P00	e	11 59 42	
					25	BOM	e	12 00 19	
					25	SHL	iP	12 34 12	DSW
					25	SHL	iP	13 46 16	CW

- 34 -

FEBRUARY, 1969

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DATE	STN	PHASE	H. M. S.	Δ Deg	DATE	STN	PHASE	H. M. S.	Δ Deg.
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25	Epc: 41.6°N, 32.3°E. (TURKEY) H= 13h 43m 51.1s Depth=31 Km Mag=4.3 (CGS)				CHA	eP		01 38 04	
	NDI	eP	13 51 11		MDR	iP		01 38 21	
						e		40 15	
						e		47 09	
	KOD	iP	13 52 47.0 D		NDI	iP		01 39 10.0 DSE	
25	NDI	e	14 19 41			e		43 15 M= 5.6	
						e		45 27	
25	NDI	ePn	14 51 24	2.0	POO	eP		01 39 11.5	
		eSn	52 00		26	KOD	iP	01 53 39 D	
25	Epc: 15.0°S, 167.4°E. (New Heb- rides Islands) H= 14h 42m 30.4s Depth=132 Km. Mag= 5.0				26	NDI	i	02 22 23.0	
	SHL	iP	14 54 47 C		26	SHL	eP	03 43 29	
	BOK	eP	14 55 09		26	BOK	e	03 44 03	
	KOD	iP	14 55 30.0 D		26	CAL	e	03 45 08	
25	BOM	eP	14 59 20	48.7	26	NDI	eP	03 45 09	9.8
		eS	15 06 22			iS		47 01	
		PS	06 29		26	CAL	eP	03 45 13	1.2
						eS		45 30	
25	PBA	i	25 04 08		26	POO	e	03 46 -	
25	CHA	e	15 05 25		26	VIS	eP	03 47 32	
25	MDR	e	15 05 42		26	SHL	iP	07 14 22 CSE	
		e	06 12		26	BOK	e	07 15 29	
25	CHA	iP	16 24 48 D		26	BOM	e	07 44 17	
25	NDI	ePg	16 25 43	0.15	26	Epc: 3.6°N, 128.5°E. (North of Halmehra) H= 08h 20m 15.1s Depth= 99 Kms. Mag= 4.8			
		eSg	25 45			SHL	eP	08 27 53	
25	CHA	iP	16 42 25 C			POO	e	08 29 39	
25	NDI	eP	19 32 54			NDI	eP	08 29 34	
25	NDI	ePn	21 31 08	2.7		BOK	e	08 43 50	
		eSn	31 42		26	BOK	e	09 21 01	
25	NDI	eP	22 47 42		26	NDI	e	15 11 06	
	Epc; 4.0°N, 127.1°E. (CELEBES SEA) H= 01h 31m 18.1s Depth= 636 Km Mag= 5.1 (CGS)				26	NDI	eP	19 18 54	10.8
	SHL	eP	01 37 29 DSE			eS		20 56	
	VIS	eP	01 38 03.0						

FEBRUARY, 1969

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
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26	PBA	iPg iSg	22	11	15.0 11 23.0	C 0.6	27	P00	e	11	58	15	
26	CHA	iPg Sg	22	32	40.6 32 54.1	D 1.0	27	P00	e	12	08	08	
	SHL	iP	22	35	28	C	27	P00	e	12	12	43	
	VIS	eP	22	35	45		27	P00	e	12	16	44	
	CHA	iP	22	36	02	D	27	P00	e	12	19	50	
	NDI	eP	22	37	04		27	BCM	e	12	36	41	
Epc: 2.6° N, 128.9° E. (HALMEHRA)							27	CHA	eP	15	32	27	
H= 22h 47m 49.1s Depth= 79 Km							27	NDI	i	17	14	23	
Mag+ 4.9							27	NDI	eP	18	53	55	
	SHL	iP	22	55	37	CW W	27	SHL	iP	21	26	41	C
	CHA	iP	22	56	11	C	27	NDI	eP	21	37	08	
	DDI	iP i	22	57	17.3 57 31.6	C	27	SHL	eP	22	39	13	
	NDI	iP	22	57	17.5			CHA	iP	22	39	48	D
	P00	eP	22	57	22		27	SHL	iP	22	41	55	C
26	NDI	eP iS	23	59	26 00 01 33	8.5	27	SHL	iP	22	42	26	C
27	BOK	e	03	12	10		27	CHA	iPg S S* Sg	23	09	10.6 09 31.3 09 33.8 09 36.5	C 2.0
27	NDI	eP	03	33	28		27	SHL	iP	23	34	39	C
Epc: 14.0° S, 74.3° W (PERU)							28	NDI	i	00	14	28	
H= 05h 09m 30.5s Depth= 111 Km							28	P00	e	01	18	-	
Mag= 5.2 (CGS)							28	SHL	iP	02	42	07	C
	P00	ePKP e	05	29	04 35 34		28	Epc: 36.0° N, 10.6° W (North atlantic Ocean)					
	NDI	iPKP i	05	29	05.5 29 10	D	H= 02h 40m 32.5s Depth± 22 Km						
	DDI	ePKP i	05	29	06.7 29 11.3		Mag:- 7.3 Ms= 8.0						
	KOD	iPKP	05	29	16.5	D	BHK	eP eS	02	51	43 03 00 48	C 69.8	
	SHL	iPKP	05	29	21	D	DDI	iP iS	02	51	55.5 03 01 15.7	C 71.8	
27	CHA	iP	06	46	41	C	NDI	iP i i	02	51	56.2 54 18 56 09	CSE M= 7.8	
27	P00	e	10	42	46								

- 36 -

FEBRUARY, 1969

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DATE	STN	PHASE	H.	M.	S.	△	DATE	STN	PHASE	H.	M.	S.	△
						Deg							Deg.
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	BOM	eP	02	52	06	CSE	73.0	Epc: 36.2° N, 10.5° W. (North Atlantic Ocean)					H= 04h 25m 36.9s
		PcP		52	22			Depth= N, Mag:- 5.7					
		iS	03	01	37								
		PS		02	09			DDI	iP	04	36	48.8	C
	SEH	1P	02	52	13	S	74.8		i		37	08.5	
		PP		55	03			NDI	iP	04	36	59.5	C
		iS	03	01	47			BOM	eP	04	37	04	
		PS		02	25								
P	POO	1P	02	52	13.0	C	74.8		e		37	48	
		eS	03	01	48			POO	eP	04	37	16	
	GOA	1P	02	52	22.8	SE	76.6	CHA	eP	04	37	48	C
		iS	03	02	08.2			VIS	1P	04	38	00	
	CHA	1P	02	52	45	CSE	80.6	MDR	eP	04	38	03	
		PP		55	57	M= 8 $\frac{1}{4}$		KOD	1P	05	37	59	C
		eS	03	02	57			BOK	e	07	09	26	
	BOK	1P	02	52	47	CSE		28	NDI	i	08	54	20
	VIS	1P	02	52	56		82.7	28	i		55	31	
		iS		03	13			28	BOK	e	09	33	43
	KOD	1P	02	52	56	CSE	82.7	28	BOM	e	12	15	22
		iS	03	03	19			Epc: 3.4° S, 119.0° E. (CELEBES)					
	TRD	1 ^r	02	52	58	E	83.1	H= 13h 18m 07.4s Depth= 51 Kms					
		eS	03	03	15			Mag= 5.3					
		SS		08	47			CHA	iP	13	26	05	D
	MDR	1P	02	52	59	CE	83.3		S		32	35	53.2
		PcP		53	02			SHL	iP	13	25	31	
		iS		03	15			PBA	i	13	25	33	
		ScS		03	30				i		34	42	
	SHL	1 ^r	02	53	06	C	84.7	VIS	1P	13	25	48	E
		iS	03	03	34				iS		32	03	41.7
	TOC	eP	02	53	14			MDR	eP	13	25	56	42.0
	PBA	1P	02	53	51	CSE			PP		27	40	
		i		57	33				PcP		27	42	
		i	03	03	10				PPP		28	15	
	CAL	i	02	54	04			BOK	eP	13	25	57	42.3
28	MDR	e	03	19	20				iS		32	19	
28	NDI	eP	03	47	51		8.8	TRD	eP	13	26	07	43.1
		eS		49	32				ePP		27	55	
28	NDI	e	04	05	17				eS		32	43	
28	POO	eP	04	20	33				e		36	07	

FEBRUARY, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
	POO	eP	13	26	53			28	Epc: 3.4°S, 142.9°E. (Near North Coast of New Guinea) H= 15h 57m 44.2s Depth± 80 Kms. Mag:- 5.7					
	BOM	eP eS	13	26	59	50.0								
	NDI	eP	13	27	06.5				SHL	eP	16	07	27	D
	DDI	eP i	13	27	08.5			28	CHA	iP* S*	16	07	27.7	D
28	NDI	eP e e	14	33	17			28	NDI	eP	16	23	52	
				33	45			28	CHA	iP	16	41	39	C
28	SHL	iP	14	54	07	D		28	NDI	e	16	42	35	
								28	POO	ePg	18	07	50	
								28	NDI	e	18	25	15	
								28	SHL	iP iS	23	02	08.1	2.2
											02	33.5		
								28	CHA	iP	23	03	08	C
								28	CHA	iP	23	04	20	C

List of Felt Earthquake report Received from Voluntary
for the month of February, 1969.

S.No.	Station	Date in G.M.T.	Time in G.M.T. H.M.	No. of Shocks	Duration in Secs.	Intensity R.F.Scale	Remarks
1.	NorthLakhim- Pur	07.2.69	09.27	2	4	IV North	Coming from
2.	C.S.O Shillong	22.2.69	20 34	1	10	IV	
3.	Gangtok	26.2.69	03.43	1	1	IV North	Coming From East

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FEBRUARY. 1969

MICROSEISM TABULATION

STATION BOKARO				STATION BOKARO					
DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
01	00	...	-	-	12	00	...	-	-
	06	3	0.1	4.5		06	3	0.1	4.8
	12	3	0.1	4.2		12	3	0.1	4.7
	18	...	-	-		18	3	0.1	4.5
02	00	3	0.1	4.4	13	00	3	0.1	4.2
	06	...	-	-		06	3	0.1	4.5
	12	3	0.1	4.2		12	...	-	-
	19	3	0.1	4.3		18	3	0.1	4.3
03	00	3	0.1	4.2	14	00	3	0.1	4.3
	06	3	0.1	4.3		06	3	0.1	4.1
	12	3	0.1	4.4		12	3	0.1	4.7
	18	3	0.1	4.4		18	3	0.1	4.5
04	00	3	0.1	4.6	15	00	3	0.1	4.3
	06	...	-	-		06	3	0.1	4.8
	12	3	0.1	4.7		12	3	0.1	4.5
	18	3	0.1	4.2		18	3	0.1	4.3
05	00	3	0.1	4.4	16	00	3	0.1	4.3
	06	...	-	-		06	3	0.1	4.8
	12	3	0.1	4.8		12	3	0.1	4.3
	18	3	0.2	4.8		18	3	0.1	4.2
06	00	3	0.2	4.8	17	00	3	0.1	4.4
	06	3	0.2	5.2		06	3	0.1	4.0
	12	3	0.2	5.2		12	3	0.1	4.0
	18	3	0.2	4.7		18	3	0.1	4.3
07	00	3	0.2	5.2	18	00	3	0.1	4.1
	06	3	0.2	4.8		06	3	0.1	4.2
	12	3	0.2	4.9		12	3	0.1	4.4
	18	3	0.2	5.0		18	3	0.1	4.1
08	00	3	0.2	5.1	19	00	3	0.1	4.1
	06	...	-	-		06	3	0.1	3.6
	12	3	0.2	5.1		12	3	0.1	4.0
	18	3	0.1	4.0		18	3	0.1	4.4
09	00	3	0.1	4.3	20	00	3	0.1	4.0
	06	3	0.1	4.5		06	3	0.1	4.0
	12	3	0.1	4.6		12	...	-	-
	18	3	0.1	4.4		18	...	-	-
10	00	3	0.1	4.3	21	00	3	0.1	4.2
	06	3	0.1	4.7		06	3	0.1	4.2
	12	3	0.1	4.6		12	3	0.1	4.2
	18	3	0.1	4.5		18	3	0.1	4.4
11	00	...	-	-	22	00	3	0.1	4.3
	06	3	0.1	4.9		06	3	0.1	4.2
	12	3	0.1	4.2		12	3	0.1	4.5
	18	3	0.1	4.4		18	3	0.1	4.6

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
23	00	3	0.1	4.3	12	3	0.3	4.0	
	06	3	0.1	4.3			0.3	3.0	
	12	3	0.1	4.7			0.2	1.8	
	18	3	0.1	4.3	18	3	0.3	3.9	
							0.2	1.9	
24	00	3	0.1	4.1	04	00	3	0.3	3.0
	06	3	0.1	4.6			0.2	1.9	
	12	3	0.1	4.4	06	Surface waves			
	18	3	0.1	4.0	12	3	0.4	2.9	
							0.3	2.0	
25	00	3	0.1	4.3	18	3	0.3	4.9	
	06	3	0.1	4.5			0.4	3.0	
	12	3	0.1	4.8	05	00	2	0.3	2.7
	18	3	0.1	4.2		06	2	0.7	2.8
26	00	3	0.1	4.4	12	Shick in Progress			
	06	3	0.1	4.3	18	3	0.3	5.1	
	12	3	0.1	4.6			0.3	3.0	
	18	3	0.1	4.3			0.2	2.0	
27	00	3	0.1	4.5	06	00	3	0.3	5.2
	06	3	0.1	4.2			0.3	3.1	
	12	3	0.1	4.7			0.3	2.1	
	18	3	0.1	4.1	06	3	0.3	5.1	
28	00	3	0.1	4.3			0.4	2.9	
	06	...	-	-	12	3	0.3	5.5	
	12	3	0.1	4.0			0.3	2.7	
	18	3	0.1	4.4	18	3	0.3	5.5	
							0.3	2.1	
					07	00	3	0.3	5.8
							0.3	2.1	
					06	3	0.3	5.9	
							0.3	2.0	
					12	3	0.3	5.8	
							0.2	2.0	
					18	3	0.3	5.9	
							0.2	2.0	
					08	00	3	0.4	6.3
							0.3	2.4	
					06	3	0.4	6.4	
							0.3	2.1	
					12	3	0.4	6.7	
							0.3	2.1	
					18	3	0.5	6.5	
							0.2	2.0	
					09	00	3	0.3	6.3
							0.2	2.1	
					06	3	0.3	6.1	
							0.3	2.6	
					12	3	0.3	5.8	
							0.3	3.0	
					18	3	0.3	6.0	
							0.2	1.9	
STATION BOMBAY									
01	00	3	0.3	4.8					
			0.2	2.0					
	06	3	0.3	4.5					
			0.2	1.9					
	12	3	0.3	4.7					
			0.3	2.0					
	18	3	0.3	4.8					
			0.3	2.2					
			0.2	1.7					
02	00	Surface waves							
	06	3	0.3	5.2					
			0.3	2.0					
	12	3	0.3	5.0					
			0.3	2.1					
	18	3	0.3	4.8					
			0.3	3.0					
			0.3	2.1					
03	00	3	0.3	4.5					
			0.3	3.1					
			0.3	2.0					
	06	3	0.4	4.3					
			0.2	1.9					

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
10	00	3	0.3	5.8	Contd 12	3	0.3	2.0	
			0.3	3.0	18	3	0.3	4.2	
	06	3	0.3	4.1			0.3	2.0	
			0.3	3.0					
	12	3	0.3	4.8	17	00	3	0.5	2.3
			0.2	2.9	06	3	0.3	3.0	
	18	3	0.3	4.0	12	3	0.3	2.0	
			0.3	3.1			0.5	2.8	
					18	3	0.3	1.9	
11	00	Shock in Progress			18	3	0.3	2.6	
	06	3	0.3	5.9			0.2	1.8	
			0.3	3.1					
	12	3	0.3	5.9	18	00	3	0.7	2.8
			0.2	1.7			0.3	1.9	
	18	3	0.2	6.0	06	3	0.9	2.7	
			0.2	1.9			0.3	2.0	
					12	3	0.5	3.0	
12	00	Shock in Progress			18	3	0.2	1.9	
	06	3	0.3	5.8			0.3	2.9	
			0.3	2.2			0.3	2.0	
	12	3	0.3	5.8					
			0.3	2.3	19	00	3	0.3	3.0
	18	3	0.3	5.9			0.3	2.0	
			0.3	2.4	06	3	0.3	2.3	
							0.2	1.6	
13	00	3	0.3	5.6	12	3	0.3	2.5	
			0.2	1.9	18	3	0.3	4.9	
	06	3	0.3	6.0			0.3	2.4	
			0.3	2.1					
	12	3	0.3	6.1	20	00	3	0.3	4.9
			0.2	2.0			0.3	2.3	
	18	3	0.3	5.5	06	3	0.3	5.0	
			0.2	1.9			0.3	2.2	
					12	Shock in Progress			
14	00	3	0.3	5.8	18	Shock in Progress			
			0.2	1.9	21	00	3	0.3	5.0
	06	3	0.3	5.9			0.3	2.3	
			0.2	1.9	06	3	0.3	5.0	
	12	3	0.3	6.4			0.3	2.0	
			0.3	2.0	12	3	0.3	5.0	
	18	3	0.3	5.8			0.3	2.1	
			0.3	2.0	18	3	0.3	5.1	
							0.2	2.0	
15	00	3	0.3	6.0					
			0.2	1.9	22	00	3	0.3	5.1
	06	3	0.3	5.8			0.2	2.0	
			0.2	1.8	06	3	0.3	5.0	
	12	3	0.3	5.9			0.3	2.1	
			0.3	2.0	12	3	0.3	2.2	
	18	3	0.3	5.8	18	3	0.3	5.0	
			0.2	2.0			0.3	2.1	
16	00	3	0.3	5.9	23	00	3	0.3	4.9
			0.2	1.7			0.3	2.2	
	06	3	0.3	5.9	06	3	0.3	5.1	
			0.2	1.8			0.3	2.2	
					12	3	0.3	2.1	
					18	3	0.3	5.0	
							0.3	2.1	

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	00	3	0.3	5.0	03	00	3	0.4	4.0
	06	3	0.3	2.0		06	3	0.3	4.2
	12	3	0.3	5.0		12	3	0.4	4.1
	18	3	0.3	2.0		18	3	0.4	4.0
			0.3	5.2	04	00	3	0.4	4.0
			0.2	1.9		06	3	0.4	4.0
			0.3	5.0		12	3	0.4	4.0
			0.3	2.0		18	3	0.3	4.2
25	00	3	0.3	5.0	05	00	3	0.3	4.2
	06	3	0.3	2.0		06	3	0.3	4.2
	12	3	0.3	5.1		12	3	0.3	4.2
	18	3	0.3	2.0		18	3	0.3	4.2
			0.3	5.1	06	00	3	0.4	4.0
			0.3	2.6		06	3	0.3	4.1
			0.2	1.7		12	3	0.4	4.0
			0.3	5.0		18	3	0.3	4.2
			0.2	1.8					
26	00	3	0.3	5.3	07	00	3	0.3	4.2
	06	3	0.3	2.8		06	3	0.3	4.2
	12	3	0.3	2.0		12	3	0.4	4.1
	18	3	0.2	1.9		18	3	0.4	4.0
			0.3	5.4	08	00	3	0.4	4.0
			0.3	2.4		06	3	0.3	4.2
			0.3	2.9		12	3	0.3	4.1
			0.2	1.9		18	3	0.4	4.1
27	00	3	0.3	5.4	09	00	3	0.3	4.1
	06	3	0.3	2.7		06	3	0.3	4.3
	12	3	0.2	1.8		12	3	0.3	4.3
	18	3	0.3	2.8		18	3	0.3	4.4
			0.3	2.6	10	00	3	0.3	4.3
			0.3	5.2		06	3	0.3	4.2
			0.3	2.7		12	3	0.3	4.2
						18	3	0.3	4.2
28	00	3	0.3	5.4	11	00	...		Shock
	06	3	0.3	2.7		06	3	0.3	4.3
	12	3	Shock in Progress			12	3	0.3	4.2
	18	3	0.4	2.8		18	3	0.3	4.2
			0.2	1.8	12	00	...		Shock
			0.3	2.8		06	3	0.3	4.2
			0.2	1.8		12	3	0.3	4.3
						18	3	0.3	4.2
					13	00	3	0.3	4.2
						06	3	0.3	4.4
						12	3	0.3	4.4
						18	3	0.3	4.4
					14	00	3	0.3	4.3
STATION CALCUTTA									
01	00	3	0.3	4.2					
	06	3	0.3	4.2					
	12	3	0.3	4.3					
	18	3	0.4	4.1					
02	00	3	0.3	4.2					
	06	3	0.3	4.2					
	12	3	0.3	4.3					
	18	3	0.4	4.0					

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
14	06	3	0.3	4.2	Contd	06	3	0.3	4.2
	12	3	0.3	4.2		12	3	0.3	4.1
Contd	18	3	0.3	4.2		18	3	0.3	4.2
15	00	3	0.3	4.1	26	00	3	0.3	4.2
	06	3	0.4	4.1		06	3	0.3	4.1
	12	3	0.4	4.0		12	3	0.3	4.2
	18	3	0.3	4.2		18	3	0.3	4.2
16	00	3	0.3	4.2	27	00	3	0.3	4.2
	06	3	0.3	4.2		06	3	0.2	4.4
	12	3	0.3	4.4		12	3	0.2	4.4
	18	3	0.3	4.4		18	3	0.3	4.2
17	00	3	0.3	4.2	28	00	3	0.3	4.2
	06	3	0.2	4.4		06	...	Shock	
	12	3	0.2	4.4		12	3	0.3	4.0
	18	3	0.3	4.1		18	3	0.3	4.2
18	00	3	0.3	4.2		STATION GOA			
	06	3	0.2	4.4	01	00	3	0.4	3.0
	12	3	0.3	4.2		06	3	0.3	3.2
	18	3	0.3	4.2		12	...	-	-
19	00	3	0.3	4.1		18	3	0.3	3.0
	06	3	0.8	3.2	02	00	3	0.3	3.0
	12	3	0.6	4.0		06	3	0.3	3.5
	18	3	0.3	4.2		12	3	0.3	3.3
20	00	3	0.2	4.3		18	3	0.4	5.0
	06	3	0.2	4.4	03	00	3	0.4	5.0
	12	...		Shock		06	3	0.4	4.7
	18	...		Shock		12	3	0.3	4.0
21	00	3	0.3	4.2		18	3	0.3	4.3
	06	3	0.3	4.3	04	00	3	0.2	4.0
	12	3	0.3	4.2		06	...	-	-
	18	3	0.3	4.2		12	3	0.2	3.8
22	00	3	0.3	4.1		18	3	0.2	3.8
	06	3	0.2	4.4	05	00	3	0.3	3.5
	12	3	0.3	4.2		06	3	0.3	3.3
	18	3	0.3	4.3		12	3	0.3	3.6
23	00	3	0.3	4.2		18	3	0.3	4.4
	06	3	0.2	4.4	06	00	3	0.3	3.8
	12	3	0.3	4.0		06	3	0.3	4.0
	18	3	0.3	4.0		12	3	0.3	4.4
24	00	3	0.3	4.2		18	3	0.3	5.7
	06	3	0.3	4.2	07	00	3	0.3	5.2
	12	3	0.3	4.3		06	3	0.3	5.0
	18	3	0.2	4.4		12	3	0.3	5.0
25	00	3	0.2	4.4		18	3	0.3	5.3
					08	00	3	0.3	6.0

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd	06	3	0.4	6.0
	12	3	0.4	6.0
	18	3	0.4	6.0
09	00	3	0.3	6.0
	06	3	0.3	5.8
	12	3	0.3	6.0
	18	3	0.3	5.2
10	00	3	0.3	5.2
	06	3	0.2	5.0
	12	3	0.3	5.4
	18	3	0.2	5.2
11	00	...	-	-
	06	3	0.3	5.4
	12	3	0.3	5.3
	18	3	0.3	5.6
12	00	...	-	-
	06	3	0.3	5.6
	12	3	0.2	5.0
	18	3	0.2	5.3
13	00	3	0.2	5.2
	06	3	0.2	5.5
	12	3	0.3	5.7
	18	3	0.2	5.6
14	00	3	0.2	5.3
	06	3	0.1	5.6
	12	3	0.1	5.7
	18	3	0.2	5.6
15	00	3	0.2	2.7
	06	3	0.2	5.0
	12	...	-	-
	18	3	0.1	5.0
16	00	3	0.2	3.0
	06	3	0.2	5.0
	12	3	0.2	5.2
	18	3	0.2	2.7
17	00	3	0.3	3.0
	06	3	0.2	3.0
	12	3	0.2	3.0
	18	3	0.3	3.1
18	00	3	0.3	3.2
	06	3	0.3	3.6
	12	3	0.3	3.7
	18	3	0.3	3.3
19	00	3	0.2	3.2

DATE	HOUR	K	MEAN Amplitude Amin mm.	MEAN Period in sec.
Contd	06	3	0.3	3.7
	12	3	30.7	0.7
	18	3	0.3	3.2
20	00	3	0.2	3.0
	06	3	0.3	2.8
	12	...	-	-
	18	...	-	-
21	00	3	0.2	3.8
	06	3	0.2	5.0
	12	3	0.2	5.0
	18	3	0.2	5.0
22	00	3	0.2	4.8
	06	3	0.2	5.0
	12	3	0.2	5.0
	18	3	0.2	5.0
23	00	3	0.1	5.0
	06	...	-	-
	12	3	0.1	5.2
	18	3	0.2	5.8
24	00	3	0.1	5.1
	06	3	0.1	5.8
	12	3	0.2	5.7
	18	3	0.1	5.8
25	00	3	0.1	6.0
	06	3	0.2	2.6
	12	3	0.2	2.5
	18	3	0.1	2.5
26	00	3	0.2	2.6
	06	3	0.2	2.9
	12	3	0.2	3.0
	18	3	0.2	2.9
27	00	3	0.3	3.0
	06	3	0.2	3.0
	12	3	0.2	2.8
	18	3	0.3	3.2
28	00	3	0.3	3.4
	06	...	-	-
	12	3	0.3	3.4
	18	3	0.3	3.7
STATION MADRAS:				
01	00	2	0.3	4.7
	06	2	0.3	4.5
	06	2	0.3	4.5
	12	2	0.3	4.5
	18	2	0.3	4.4

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION MABRAS:					Contd				
02	00	2	0.3	3.9	06	2	2	0.6	6.4
	03	2	0.3	3.2	"	2	2	0.4	3.0
	06	2	0.3	3.3	12	2	2	0.3	3.0
	12	2	0.3	3.7	18	2	2	0.3	3.0
	18	2	0.3	3.9					
	"	2	0.5	5.2	10	00	2	0.3	3.1
						03	2	0.3	3.0
03	00	2	0.5	5.3		06	2	0.3	3.0
	03	2	0.5	5.3		12	2	0.2	3.0
	06	2	0.6	5.1		18	2	0.2	3.1
	12	2	0.5	5.1					
	18	2	0.5	4.8	11	00	...	Earthquake	
						03	2	0.2	2.9
04	00	2	0.5	4.5		06	2	0.2	2.9
	03	2	0.3	4.6		12	2	0.3	5.8
	06	2	0.3	4.6		"	2	0.2	3.0
	12	2	0.4	4.6		18	2	0.3	5.8
	18	2	0.3	4.7	12	00	...	Earthquake	
05	00	2	0.3	4.6		03	2	0.3	5.9
	03	2	0.3	4.7		06	2	0.3	6.0
	06	2	0.3	4.7		12	2	0.3	5.8
	12	2	0.4	4.9		18	2	0.3	5.8
	18	2	0.3	4.9	13	00	2	0.3	5.8
06	00	2	0.4	4.9		03	2	0.1	2.4
	03	2	0.4	4.9		06	2	0.1	2.5
	06	2	0.3	5.2		12	2	0.1	2.5
	12	2	0.4	5.1		18	2	0.1	2.4
	18	2	0.4	5.6	14	00	2	0.2	2.6
07	00	2	0.3	5.6		03	2	0.2	2.7
	03	3	0.1	1.7		06	2	0.2	2.8
	03	2	0.3	5.5		12	2	0.2	2.8
	06	2	0.2	2.3		18	2	0.2	2.6
	06	2	0.2	2.6	15	00	2	0.2	2.6
	12	2	0.3	2.8		03	2	0.2	2.8
	18	2	0.3	6.7		06	2	0.2	2.7
	"	2	0.3	2.7		12	2	0.2	2.8
						18	2	0.2	2.6
08	00	2	0.5	6.8	16	00	2	0.2	2.7
	"	2	0.3	2.8		03	2	0.2	2.6
	03	2	0.7	6.7		06	2	0.2	2.8
	06	2	0.3	2.9		12	2	0.2	2.8
	06	2	0.7	6.9		18	2	0.2	3.0
	12	2	0.3	2.8	17	00	2	0.2	3.1
	12	2	0.8	6.7		03	2	0.3	3.0
	18	2	0.3	2.9		06	2	0.3	3.1
	18	2	0.7	6.5		12	2	0.3	3.3
	"	2	0.3	3.0		18	2	0.4	3.5
09	00	2	0.4	6.3	18	00	2	0.4	3.8
	"	2	0.3	3.0		03	2	0.4	3.7
	03	2	0.6	6.6					
	"	2	0.3	3.0					

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd	06	2	0.4	3.7	Contd	06	2	0.2	5.1
	12	2	0.4	3.7		12	2	0.3	3.6
	18	2	0.4	3.9		18	2	0.2	3.5
19	00	2	0.4	3.9	28	00	2	0.2	3.1
	03	2	0.4	3.9		03	...	Earthquake	
	06	2	0.4	3.9		06	...	Earthquake	
	12	2	0.4	3.9		12	2	0.2	3.9
	18	2	0.3	3.9		18	2	0.2	4.7
20	00	2	0.3	3.9	STATION PORT BLAIR				
	03	2	0.3	3.6	01	00	3	0.8	5.0
	06	2	0.3	3.5		06	3	0.8	5.0
	12	...	Earthquake			12	3	0.8	5.0
	18	...	Earthquake			18	3	0.8	5.0
21	00	2	0.2	3.7	02	00	...	-	-
	03	2	0.2	4.9		06	...	-	-
	06	2	0.2	4.9		12	3	0.8	5.0
	12	2	0.2	5.0		18	3	0.8	5.0
	18	2	0.3	5.1	03	00	3	1.2	5.0
22	00	2	0.3	5.0		06	3	1.2	5.0
	03	2	0.2	4.9		12	3	1.2	5.0
	06	2	0.2	4.9		18	3	1.2	5.0
	12	2	0.3	4.9	04	00	3	1.2	5.0
	18	2	0.2	5.0		06	...	-	-
23	00	2	0.2	5.0		12	3	0.8	3.0
	...	...	Earthquake			18	3	0.8	3.0
	06	2	0.2	4.8				1.2	5.0
	12	2	0.2	4.9				0.8	3.0
	18	2	0.2	4.9				1.2	5.0
24	00	2	0.2	4.7	05	00	...	-	-
	03	2	0.2	4.9		06	3	1.2	5.0
	06	2	0.2	5.2		12	3	1.2	5.0
	12	2	0.2	5.0		18	3	1.2	5.0
	18	2	0.2	5.0	06	00	3	1.2	5.0
25	00	2	0.2	5.0		06	3	1.2	5.0
	03	2	0.2	4.8		12	3	1.2	6.0
	06	2	0.2	5.0		18	3	1.2	2.0
	12	2	0.2	5.1				1.2	7.0
	18	2	0.2	5.1	07	00	3	1.2	3.0
26	00	2	0.2	4.9				0.8	6.0
	03	2	0.2	4.9		06	3	1.2	3.0
	06	2	0.2	5.0		12	3	2.0	3.0
	12	2	0.2	4.9		18	3	2.0	3.0
	"	2	0.1	2.2				0.8	7.0
	18	2	0.2	2.7	08	00	3	1.6	3.0
	"	2	0.3	5.1				0.8	7.0
27	00	2	0.2	3.0		06	3	1.6	3.0
	03	2	0.2	4.9				0.8	7.0

- 46 -

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd	12	3	1.2	2.0	17	00	3	1.2	7.0
			0.8	7.0		06	3	1.2	7.0
	18	3	1.2	3.0		12	3	1.2	7.0
			1.2	7.0		18	3	1.2	7.0
09	00	3	1.2	2.0	18	00	3	1.2	7.0
			0.8	7.0		06	3	1.2	6.0
	06	3	1.6	2.0		12	3	1.2	6.0
			1.2	6.0		18	3	1.2	6.0
	12	3	1.2	2.0	19	00	3	1.2	6.0
			1.2	6.0		06	3	0.8	5.0
	18	3	1.2	2.0		12	3	0.8	5.0
			0.8	6.0		18	3	0.8	6.0
10	00	3	1.2	2.0	20	00	3	0.8	5.0
			0.8	6.0		06	3	0.4	6.0
	06	3	1.6	2.0		12	...	-	-
			1.2	6.0		18	...	-	-
	12	3	1.2	2.0	21	00	3	0.4	6.0
			1.2	6.0		06	3	0.4	5.0
	18	3	1.2	2.0		12	3	0.4	5.0
			1.2	6.0		18	3	0.4	5.0
11	00	...	-	-	22	00	3	0.4	5.0
	06	3	1.6	2.0		06	3	0.8	6.0
			2.0	6.0		12	3	0.8	3.0
	12	3	1.6	2.0		18	3	0.8	3.0
			1.6	7.0	23	00	3	1.2	3.0
	18	3	1.6	2.0		06	3	1.6	3.0
			1.6	7.0		12	3	1.2	3.0
			1.6	7.0		18	3	1.6	3.0
12	00	...	-	-	24	00	3	1.6	3.0
	06	3	1.6	7.0		06	3	1.2	3.0
			1.6	7.0				0.8	5.0
	12	3	1.6	7.0		12	3	1.2	3.0
	18	3	1.6	7.0				0.8	5.0
13	00	3	1.6	7.0		18	3	1.2	3.0
	06	3	1.6	7.0				0.8	7.0
			1.6	7.0	25	00	3	1.2	7.0
	12	3	1.6	7.0		06	3	1.6	7.0
	18	3	1.6	7.0		12	3	1.6	7.0
14	00	3	1.6	7.0		18	3	1.6	7.0
	06	3	1.6	7.0	26	00	3	1.6	7.0
			1.6	7.0		06	3	1.6	7.0
	12	3	1.6	7.0		12	3	1.6	7.0
	18	3	1.6	7.0		18	3	1.6	7.0
15	00	3	1.6	7.0	27	00	3	1.6	7.0
	06	3	1.6	7.0		06	3	1.6	7.0
			1.2	7.0		12	3	1.2	6.0
	12	3	1.2	7.0		18	3	1.6	6.0
	18	3	1.2	7.0					
16	00	3	1.6	7.0					
	06	3	1.2	7.0					
			1.2	7.0					
	12	3	1.2	7.0					
	18	3	1.2	7.0					

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
28	00	3	1.6	6.0	11	00	00	00	00
	06	3	1.6	7.0		06	00	00	00
	12	3	1.6	7.0		12	00	0.4	4.5
	18	3	1.6	7.0		18	00	00	00
STATION SMILLONG					12	00 to 18	00	00	00
01	00	3	0.4	4.6	13	00	00	00	00
	06	3	0.4	4.6		06	00	00	00
	12	3	0.4	4.6		12	3	0.5	4.0
	18	3	0.4	4.6		18	3	0.5	4.0
02	00	3	0.4	4.6	14	00	3	0.5	4.0
	06	3	0.4	4.8		06	...	...	...
	12	3	0.4	4.8		12	...	-	-
	18	3	0.4	4.8		18	...	-	-
03	00	3	0.4	4.0	15	00	...	...	...
	06	3	0.4	4.0		06	3	0.5	4.2
	12	3	0.4	4.0		12	3	0.5	4.2
	18	3	0.4	4.0		18	3	0.5	4.2
04	00	...	-	-	16	00	3	0.5	4.2
	06	...	-	-		06	3	0.5	4.0
	12	3	0.4	4.8		12	3	0.5	4.0
	18	3	0.4	4.5		18	3	0.5	4.0
05	00	3	0.4	4.5	17	00	3	0.5	4.0
	06	3	0.4	4.5		06	3	0.5	4.0
	12	3	0.4	4.5		12	3	0.5	4.4
	18	...	-	-		18	3	0.5	4.2
06	00	...	-	-	18	00	3	0.5	4.2
	06	...	-	-		06	3	0.5	4.2
	12	3	0.4	4.6		12	3	0.5	4.2
	18	3	0.4	4.5		18	3	0.5	4.2
07	00	3	0.4	4.3	19	00	3	0.5	4.2
	06	3	0.4	4.2		06	3	0.5	4.2
	12	3	0.4	4.2		12	3	0.5	4.4
	18	3	0.4	4.2		18	3	0.5	4.4
08	00	3	0.4	4.2	20	00	3	0.5	4.4
	06	3	0.4	4.2		06	3	0.5	4.4
	12	3	0.4	4.2		12	3	0.5	4.4
	18	3	0.	4.2		18	3	0.5	4.0
09	00	3	0.4	4.2	21	00	3	0.5	4.5
	06	3	0.4	4.0		06	3	0.5	4.5
	12	3	0.4	4.0		12	3	0.5	4.5
	18	3	0.4	4.2		18	3	0.5	4.5
10	00	3	0.4	4.2	22	00	3	0.4	4.5
	06	3	0.4	4.2		06	3	0.4	4.5
	12	3	0.4	4.2		12	3	0.4	4.5
	18	3	0.4	4.2		18	3	0.4	4.5

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
23	00	3	0.4	4.5	06	00	2	0.3	3.0
	06	3	0.4	4.0		06	2	0.5	3.2
	12	3	0.4	4.0		12	2	0.3	3.1
	18	3	0.4	4.0		18	2	0.4	3.2
24	00	3	0.4	4.0	07	00	2	0.5	2.9
	06	3	0.4	4.2		06	2	0.7	3.2
	12	3	0.4	4.2		12	2	0.6	3.4
	18	3	0.4	4.2		18	2	0.6	4.3
25	00	3	0.4	4.2	08	00	3	1.0	5.5
	06	3	0.4	4.0		06	1	1.3	5.9
	12	3	0.4	4.0		12	1	1.4	6.2
	18	3	0.4	4.0		18	1	1.0	6.1
26	00	3	0.4	4.0	09	00	1	0.9	5.9
	06	3	0.4	4.2		06	3	0.9	4.9
	12	3	0.4	4.2		12	2	0.5	3.8
	18	3	0.4	4.2		18	...	Power failure	
27	00	3	0.4	4.2	10	00	2	0.5	3.0
	06	3	0.4	4.4		06	2	0.4	3.1
	12	3	0.4	4.4		12	2	0.3	3.2
	18	3	0.4	4.4		18	2	0.3	3.2
28	00	3	0.4	4.2	11	00	...	Surface waves	
	06	3	0.4	4.2		06	2	0.3	3.1
	12	3	0.4	4.2		12	2	0.3	3.2
	18	3	0.4	4.2		18	2	0.3	2.8
STATION TRIVANDRUM					12	00	...	Surface waves	
01	00	2	0.3	3.4		06	2	0.2	2.6
	06	2	0.3	2.8		12	0,0	) Minute	
	12	2	0.3	2.9		18	0,0		
	18	2	0.5	2.7	13	00	0,0		
						06	0,0		
02	00	2	0.4	2.8		12	0,0		
	06	2	0.3	2.6		18	0,0	0.2	2.4
	12	2	0.2	2.7	14	00	2	0.3	2.8
	18	2	0.4	2.7		06	2	0.4	2.8
03	00	2	0.4	2.9		12	2	0.4	2.8
	06	2	0.4	3.0		18	2	0.3	2.9
	12	3	0.7	4.8	15	00	2	0.3	2.9
	18	3	0.7	4.9		06	2	0.2	2.7
04	00	1	0.7	5.0		12	2	0.2	2.6
	06	1	0.7	4.4		18	2	0.2	2.6
	12	1	0.5	4.2	16	00	0,0	Minute	
	18	2	0.5	4.1		06	...	) Power failure	
05	00	2	0.4	3.1		12	...		
	06	2	0.3	2.5		18	0,0		Minute
	12	2	0.4	2.8	17	00	0,0		
	18	2	0.3	2.9					

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd	06	2	0.4	3.2					
	12	2	0.4	3.8	02	00		Power failure	
	18	2	0.4	3.6		06		Earthquake in Progress	
18	00	2	0.4	3.8		12	2	0.4	4.6
	06	2	0.6	3.8		18	2	0.4	4.6
	12	2	0.5	3.8	03	00	2	0.4	4.6
	18	2	0.4	3.6		06	2	0.4	5.0
19	00	2	0.4	3.6		12	2	0.4	4.6
	06	2	0.5	3.9		18	2	0.4	4.6
	12	2	0.6	4.0	04	00	2	0.4	4.6
	18	2	0.5	4.0		06		Earthquake in progress	
20	00	2	0.3	4.1		12	2	0.5	5.0
	06	2	0.4	3.8		18	2	0.4	4.6
	12	...	Surface waves		05	00	...	Microseisms very feebl	
	18	2	0.4	3.4		06	2	0.5	5.0
21	00	2	0.3	3.6		12	2	0.6	5.2
	06	2	0.2 ^{minute}	3.2		18	2	0.5	5.0
	12	2	0.2 ^m	3.4	06	00	2	0.5	5.0
	18	0.1	Minute			06	2	0.6	5.2
22	00					12	2	0.6	5.5
	to	0,0	Minute		07	00	2	0.5	5.2
	18	0,0				06	1	0.1	1.8
23	00	0,0				12	1	0.1	1.8
	to		Minute			18	1	0.2	2.3
	18	0,0			08	00	1	0.2	2.3
24	00					06	1	0.2	2.5
	to		Minute			12	1	0.2	2.5
25	18					18	1	0.2	2.5
26	00	0,0	Minute		09	00	1	0.2	2.5
	06	2	0.4	2.9		06	1	0.2	2.5
	12	2	0.4	3.0		12	1	0.3	3.0
	18	2	0.4	2.9		18	1	0.3	3.0
27	00	2	0.3	2.7	10	00	2	0.4	3.0
	06	2	0.3	2.9		06	2	0.4	4.0
	12	2	0.3	2.8		12	2	0.5	4.2
	18	2	0.4	2.9		18	2	0.4	4.2
28	00	2	0.2	2.9	11	00	2	0.4	4.2
	06		Surface waves			06	2	0.5	5.2
	12	2	0.4	3.3		12	2	0.5	5.2
	18	2	0.3	3.2		18	2	0.5	5.3
01			STATION VISAKHAPATNAM		12	00	...	Microseism very feebl	
	00	2	0.4	4.6		06	2	0.4	5.2
	06	2	0.4	4.5		12	2	0.4	5.0
	12	2	0.4	4.6		18	2	0.4	5.0
	18	2	0.4	4.6					

FEBRUARY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
13	00	2	0.4	5.0	21	00	1	0.3	3.0
	06	2	0.4	4.5		06	2	0.3	3.0
	12	2	0.4	4.6		12	2	0.5	4.8
	18	2	0.4	4.6		18	2	0.4	4.8
14	00	Microseisms very feeble			22	00	2	0.4	4.8
	06	2	0.4	4.6		06	1	0.1	1.8
	12	1	0.2	2.5		12	1	0.2	2.0
	18		0.2	2.5		18	1	0.2	2.0
15	00	2	0.4	4.6	23	00	1	0.1	1.8
	06	1	0.1	2.0		06	1	0.1	1.8
	12	2	0.5	4.6		12	1	0.2	2.0
	18	2	0.4	4.7		18	1	0.2	2.0
16	00	2	0.4	4.6	24	00	1	0.1	1.8
	06	2	0.5	5.0		06	2	0.4	4.5
	12	2	0.4	5.0		12	2	0.4	4.8
	18	2	0.4	4.6		18	2	0.4	4.8
17	00	2	0.5	4.8	25	00	2	0.4	4.5
	06	2	0.5	4.5		06	2	0.4	4.6
	12	2	0.5	4.6		12	2	0.5	5.0
	18	2	0.4	4.5		18	2	0.5	5.0
18	00	2	0.5	4.6	26	00	2	0.4	4.4
	06	2	0.5	4.6		06	2	0.5	5.0
	12	2	0.5	5.5		12	2	0.5	5.0
	18	2	0.5	4.6		18	2	0.4	4.6
19	00	2	0.5	5.0	27	00	2	0.5	4.8
	06	2	0.5	5.0		06	2	0.5	5.4
	12	1	0.1	1.8		12	2	0.5	5.5
	18	1	0.1	1.8		18	2	0.5	5.3
20	00	1	0.1	1.8	28	00	2	0.5	5.2
	06	1	0.1	1.8		06	...	Earthquake in Progress	
	12	1	0.2	2.0		12	2	0.5	5.0
	18	1	0.2	2.0		18	2	0.5	5.0

/Verma

MARCH, 1969

DATE STN PHASE H. M. S.						△ Deg.	DATE STN PHASE H. M. S.						△ Deg.
01	PBA	iP	00 40 23.3	D		2.3	02	NDI	e	02 20 13			
		iS	40 52.8				02	Epc: 1.5°N, 128.1°E. H= 04h 47m 37.3s (USCGS) HALMAHERA. Depth= 138 Km. Mag= 5.3 (CGS)					
	P00	eP	00 44 28					SHL	iP	04 55 21	CNW		
	NDI	iP	00 44 44.0	CNW				MDR	iP	04 56 11	C		
01	NDI	iPg	01 59 58.5		0.92				pP	56 41			
		iSg	02 01 10.5					VIS	iP	04 56 12	E		
		i	01 14.5					KOD	iP	04 56 28	CNW		
01	P00	ePg	02 20 -					NDI	iP	04 56 59	CW		
01	NDI	i	02 33 49					DDI	eP	04 57 00			
01	SHL	eP	06 55 37					P00	eP	05 57 01	C		
01	BOK	e	07 46 28				02	Epc: 47.4°S, 100.1°E. H= 06h 25m 15.1s (USCGS) SOUTH EAST INDIAN RISE Depth= N, Mag= 5.0 (CGS)					
01	SHL	iP	07 59 48	C				P00	e	06 36 22			
01	P00	ePn?	09 00(53)					SHL	eP	06 36 43			
		i	01 17.5					NDI	eP	36 37 13			
01	BOM	e	10 23 52				02	BOK	i	06 46 11			
01	P00	ePg	10 28 40.5		1.1		02	BOM	e	06 58 -			
		iSg	28 55.2				02	SHL	eP	10 37 02			
		eSn	28 57.5				02	SHL	iP	13 07 28	C		
	BOM	ePn	10 28 50		1.7		02	Epc: 3.2°S, 118.8°E. H= 13h 57m 24.6s (USCGS) CELEBES Depth= 48 Km. Mag= 5.1(mb) MS= 5.4 (CGS)					
		iSn	29 13					SHL	iP	14 04 47		39.0	
01	Epc: 46.8°N, 153.4°S, H= 10h 38m 03.4s (USCGS) KURILE ISLAND Depth: -N, Mag= 4.7 (CGS)								pP	06 20			
01	SHL	eP	10 47 17	C				eS	10 45				
	DDI	eP	10 48 03	C				CAL	eP	14 04 58		40.0	
	NDI	eP	10 48 14.0					eS	11 00				
01	P00	e	19 49 13					VIS	iP	14 05 09	DE	41.5	
01	NDI	e	10 59 18					iS	11 22				
01	CHA	iPg	13 51 20.6	D	1.1			MDR	eP	14 05 11		42.0	
		Sg	51 34.8					PP	06 52				
01	Epc: 41.4°N, 79.4°E. H= 15h 00m 20s (USCGS) KIRGIZ SINKIANG BORDER REGION Depth= N, Mag= 4.6 (CGS)								eS	11 29			
	DDI	eP	15 03 00		11.0			BOK	iP	14 05 18	DSE	42.0	
		iS	05 00					iS	11 38				
01	NDI	eP	15 03 22		12.7			SS	14 38				
		eS	05 58					CHA	iP	14 05 22	D		
01	CHA	iP	15 04 01	D				KOD	eP	14 05 24.0			
01	SHL	iP	15 04 41	C				TRD	eP	14 05 25			
01	DDI	eP	19 30 53.7					e	07 11				
01	BHK	eP	19 45 42					P00	eP	14 06 10			
01	NDI	eP	19 46 42					iS	13 17				

MARCH, 1969

- 2 -

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
	BOM	eP	14	06	22	50.8		CHA	iP	22	43	48	C
		ePP		08	20			MDR	eP	22	44	32	
		ePPP		09	20			NDI	e	22	45	03	
		iS		13	32			03	Epc: 40.1 N, 27.4 E. H= 00h 59m 10.5s (USCGS) TURKEY ONE INJURED AND DAMAGE AT GONEN, FELT IN WESTERN TURKEY. Depth= 4 Km. Mag=5.6 MS=5.3(CGS)				
		PS		13	47			BHK	eP	01	06	47.0	
	NDI	eP	14	06	23	51.0		DDI	iP	01	07	02.9	C 41.4
		iS		13	40			eS		13	18.8		
	DDI	eP	14	06	23	51.0		NDI	iP	01	07	05.1	CSE 42.0
	BHK	eP	14	08	39.8			PP		08	46		
02	DDI	ePg	14	24	10.9	0.7		iS		13	24		
02	NDI	iSg	14	25	11.0			BOM	iP	01	07	21	CSE 44.0
02	CHA	eP	15	52	10			PP		09	05		
02	CHA	iP	20	49	08.9	C 3.5		eS		13	56		
		S		49	50.8			Ps		14	02		
02	DDI	eP	22	14	24.1	9.2		P00	eP	01	07	29	45.4
		eS		16	09.8			eS		14	14		
02	Epc: 12.9°N, 120.8°E. H= 22h 21m 24.9s (USCGS) MINDORO PHILLIPPIN ISLANDS Depth= 54 Km Mag= 5.0 (CGS)							CHA	iP	01	08	11	C 50.8
	SHL	iP	22	27	29	CW		S		15	27		
	CHA	iP	22	28	10	C		BOK	eP	01	08	16	
	VIS	eP	22	28	29			MDR	eP	01	08	31	53.1
		ppp		30	18			PPP		11	38		
	MDR	e	22	28	53			eS		16	02		
	KOD	eP	22	29	17.5			KOD	eP	01	08	31.0	C
	NDI	iP	22	29	21.0	C		SHL	iP	01	08	42	CSE 54.9
		PP		31	11			iS		16	22		
	P00	eP	22	29	40		03	Epc: 30.2 N, 79.9 E. H= 06h 20m 31.8s (USCGS) TIBET INDIA BORDER REGION Depth= 20 Km. Mag= 5.3 (CGS)					
02	Epc: 12.9°N, 120.8°E. H= 22h 23m 17.4s, (USCGS) Mindoro Philippine Island Felt on Mindoro and Southern Luzon Depth= 80Km Mag= 5.0							DDI	iPn	06	20	53.0	2.0
	SHL	iP	22	29	19	C		iSg		21	25.0		
	CHA	iP	22	29	57	C		NDI	iPn	06	21	07.5	3.0
	DDI	eP	22					P*		21	10.0	M=5.2	
	BOK	e	22	30	03			Pg		21	18.4		
	DDI	eP	22	31	10			Sn		21	41		
	BOM	eP	22	31	37	46.8		S*		21	47		
	Epc: 12.9°N, 120.6°E H= 22h 37m 02.4s (USCGS) MINDORO PHILLIPPINE ISLANDS Depth= 46 Km. Mag= 4.4							BHK	iPn	06	21	16.0	3.7
	SHL	eP	22	43	07			P*		21	23.0		
								iS		22	04.0		
								CHA	eP	06	22	10.4	7.3
								iS		23	32.2		
								SEH	eP	06	22	15	

MARCH, 1969

- 4 -

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DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
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	BOM	iP	15	01	01	C	74.0		DDI	iP	01	54	46.0	C
		eS		01	34				NDI	eP	01	54	47	39
	KOD	iP	15	02	23.0	C			is	02	00	39		
03	NDI	e	15	44	34		8.5		P00	eP	01	55	06.2	
		ePn		44	37				CHA	iP	01	55	57	C
		e		45	31			04	NDI	e	02	05	23	
		eSn		46	15			04	CHA	iP	03	37	28	D
	DDI	eP	15	44	40.1				SHL	iP	03	39	51	D
	CHA	iP	15	46	37	C		04	SHL	iPn	04	47	21	C
	MDR	e	16	48	59				iSn	04	47	52	2.4	
		e		55	31			04	BOK	e	07	45	57	
	BOM	eP	16	50	11		73.6	04	BOK	e	07	52	51	
		eS		59	41			04	SHL	iP	10	17	02	D
		PS	17	00	15			04	NDI	e	10	18	42	
03	CHA	e	16	55	13				DDI	eP	10	18	44.7	
03	NDI	e	16	59	49			04	CHA	iP	10	22	18	C
03	Epc: 3.6 N, 128.5 E. H= 20h 22m 07.3s (USCGS) NORTH OF HALMAHERA Depth= 72 Km. Mag= 4.8 (CGS)							04	BOM	e	11	37	29	
	CHA	eP	20	30	24			04	SHL	iP	15	48	19	D
	BOK	eP	20	30	26				NDI	e	15	49	46	
	VIS	eP	20	30	32			04	NDI	e	16	03	27	
	MDR	eP	20	30	46			04	NDI	eP	17	39	44	
		PP		32	40			04	CHA	eP	17	41	21	
	NDI	eP	20	31	30	CW		04	SHL	iP	18	10	50	
	DDI	iP	20	31	30.2	C		04	NDI	e	18	11	51	
	P00	eP	20	31	35			04	SHL	iP	19	40	26	D
	BOM	eP	20	31	42			04	SHL	iP	20	21	35	C
		eS		39	24				CHA	iP	20	22	04	D
03	P00	ePg	21	37	56.5		1.3	04	NDI	eP	20	22	53	
		eSg		38	13.3			04	SHL	eP	21	08	05	
		eS		38	15.2			04	CHA	iP	21	09	03	D
04	Epc: 6.3 S, 76.7 W. H= 00h 11m 39.0s (USCGS) NORTHERN PERU Depth=203 Km. Mag= 4.5 (CGS)							04	NDI	e	21	17	36	
	NDI	ePKP	00	31	06			04	P00	ePg	23	09	04.7	1.2
	DDI	ePKP	00	31	06.3				eSg	09	19.8			
	P00	ePKP	00	31	13.7				eSn	09	22.1			
04	Epc: 37.0 N, 31.1 E. H= 01h 47m 25.5s (USCGS) TURKEY, Depth=109 Km. Mag=5.0 FELT AT ANTALYA							04	SHL	iP	23	16	02	C
									CHA	iP	23	16	29	C
									NDI	eP	23	17	26.1	CNW
								05	NDI	e	02	38	51	CNW

MARCH, 1969

- 5 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	SRN	PHASE	H.	M.	S.	△ Deg.
05	NDI	e	03	02	08			PBA	eP	13	59	04	
05	NDI	ePn	03	19	19	8.2		TOK	eP	13	59	36	40.0
		eSn		20	53				eS		05	34	
05	BOM	iPg	03	21	39	D 0.1		SHL	iP	13	59	42	CNW 40.5
		eSg		21	40				iS		05	48	
05	KOD	eP	07	49	34			CAL	eP	14	00	03	43.2
05	Epc: 9.9 N, 125.8 E. H= 08h 51m 20.6s (USCGS) MINDA- NAO, PHILIPPINE ISLANDS. Depth= 66Km. Mag= 5.1 (CGS)								eS		06	23	
	SHL	iP	08	58	15	C		BOK	iP	14	00	21	CNW 45.5
	CHA	iP	08	58	43	D			PP		02	42	
	KOD	eP	08	59	55				PPP		02	51	
	DDI	eP	09	00	00.8				iS		07	01	
	NDI	eP	09	00	03			CHA	iP	14	00	22	CNW 45.5
	P00	eP	09	00	18				e		07	03	
	BOM	eP	09	00	22			VIS	eP	14	00	35	47.0
05	Epc: 29.2 N, 81.1 E. H= 11h 15m 00.6s (USCGS) NEPAL Depth= 63 Km. MAG= 5.2 (CGS)								iS		07	17	
	DDI	eP	11	15	44.8	2.8			eSS		10	41	
		iS		16	16.2			MDR	eP	14	00	46	48.6
	NDI	iPn	11	15	53.5	DSE 3.4			PP		02	38	
		P*		15	59.0				iS		07	45	
		iPg		16	06.0				e		10	38	
		eSn		16	32.5				SS		11	08	
	BHK	eP	11	16	08.0	4.5		KOD	iP	14	01	02.0	
		S		17	17			TRD	iP	14	01	06	W 51.5
	CHA	iP	11	16	32.8	D			PP		03	08	
	BOK	e	11	16	47				PPP		04	08	
	SHL	iP	11	17	28	103			IS		08	20	
		eS		19	19				SP		08	34	
	VIS	eP	11	17	57			DDI	eP	14	01	22	
	P00	eP	11	17	58			NDI	e	14	01	24	CNW 54.3
		e		20	15				iP		01	27.8	
	BOM	eP	11	18	01				e		02	28	
	KOD	eP	11	19	27.0				PP		03	34	
	MDR	eS	11	21	52				eS		09	00	
05	BOM	e	13	19	47				e		11	20	
05	Epc: 4.0 N, 128.2 E. H=13h52m 04.9s (USCGS) North of Halmahera Depth=48 Km. MB=5.7 MS=5.8, 5.9 (PAS)								e		13	04	
								GOA	eP	14	01	33	55.0
									eS		09	10.1	
								P00	eP	14	01	33	55.0
									eS		09	10	
								BHK	eP	14	01	39	55.8
									eS		09	25	
								BOM	iP	14	01	40	CW 55.9
									PP		03	45	
									iS		09	27	
								NDI	eP	14	49	07	
								CHA	iP	14	50	14	D
							05	SHL	eP	15	57	39	
							05	Epc: 4.1 N, 128.4E. H=16h 11m 12.2s NORTH OF HALMAHERA Depth= 49Km. Mag= 5.1 MS= 5,6(USCGS)					

MARCH, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
05	PBA	eP	16	18	13	40.1	P00	iP	19	37	22	D	18.0	
		PPP		19	40			eS		40	33			
	TOK	eP	16	18	44		BOK	iP	19	37	22	CSE	18.1	
		eS		24	42		PP		37	38				
	SHL	iP	16	18	51	CNW	41.0	iS		40	34			
		ePP		20	32		SS		40	50				
		eS		25	00		CAL	iP	19	37	51	SE	20.7	
	BOK	iP	16	19	27				41	28				
	CHA	eP	16	19	28		SHL	iP	19	37	52	CSE	20.8	
	VIS	eP	16	19	39	47	iS		41	34				
		iS		26	27		GOA	iP	19	37	54	CE	21.0	
		eSS		29	47			PPP		38	22			
	MDR	iP	16	19	51	48.4		eS		41	35			
		PP		21	45			SS		42	20.8			
		eS		26	53		VIS	iP	19	38	04	CSE	21.0	
	PPS		27	07			iPP		38	38				
	SS		30	15			iS		41	54				
KOD	eP	16	20	09.0			iSS		42	40				
TRD	iP	16	20	10		TOK	eP	19	38	05				
DDI	eP	16	20	29.1		MDR	iP	19	38	28	CE	24.2		
NDI	iP	16	20	33.8	CNW	54.0		PP		39	09			
	PP		22	32			iS		42	35				
	eS		28	08		KOD	iP	19	38	48.0		26.5		
P00	eP	16	20	39	55.6		iS		43	08.0				
	eS		28	22		PBA	iP	19	39	30	C	30.5		
BOM	iP	16	20	47	CW	56		eS		44	24			
	PPP		24	11		TRD	eP	19	39	50		33.6		
	eS		28	39			PP		40	14				
05	Epc: 36.4N, 70.7 E						05	SHL	eP	20	15	03		
	H= 19h 33m 23.0s (USCGS) HINDU						05	NDI	ePn	21	33	25	7.5	
	KUSH REGION FE:T AT KABUL								e		34	05		
	AFGANISTAN Depth = 208 Km.								eSn		34	52		
	Mag = 5.9						05	SHL	eP	23	04	34		
	BHK	iP	19	35	01	NW	6.8	05	BOM	e	23	25	09	
		eS		36	17			05	DDI	eP	23	57	13.7	
	DDI	iP	19	35	22.4	D	8.4		NDI	ePn	23	57	27.7	3.8
		eS		36	56.0				eSn		58	13		
	NDI	iP	19	35	34	DNW	09.0		i		58	47		
	eS		37	12			06	NDI	eP	01	10	21		
SEH	iP	19	36	37	S	13.9	06	Epc: 4.2 N, 128.3 E.						
	iS		39	03			H= 01h 06m 01.2s(USCGS) NORTH OF							
	SS		39	28			HALMAHERA Depth= 39 Km. Mag=5.1							
CHA	iP	19	37	10	CSE	16.1	PBA	eP	01	13	00			
	S		40	09			TOC	eP	01	13	40			
	SSS		40	41										
BOM	iP	19	37	16	DNW	17.5								

MARCH, 1969

- 7 -

DATE STN PHASE H. M. S. Δ Deg.					DATE STN PHASE H. M. S. Δ Deg.				
	SHL	eP	01 13 40	40.8		P00	eP	01 30 17	
		eS	19 50			BOM	iP	01 30 28	DE 56.4
		eSS	22 56				pp	30 39	
	CHA	eP	01 14 16	45.2			iS	38 10	
		iS	20 58			06	CHA	iP	01 54 50 D
	BOK	iP	01 14 18	CW 45.5	06	Epc: 3.9 N, 128.2 E.			
		IS	20 58		06	H= 01h 46m 37.7s (USCGS) NORTH OF HALMAHERA Depth=82Km.			
		PS	21 07			Mag= 5.0 (CGS)			
		SSS	25 15			MDR	e	01 55 13	
	VIS	eP	01 14 28	46.5		KOD	iP	01 55 32.0	DE
		eS	21 13			NDI	eP	01 55 55	
	MDR	eP	01 14 44	48.3		P00	eP	01 56 02.5	
		PP	16 38		06	NDI	e	02 15 24	
		PPP	17 25		06	SHL	eP	03 04 25	
		eS	21 44		06	Epc: 4.3 N, 128.4E. H= 03h 25m 55.1s, NORTH OF HALMAHERA			
		SS	25 07			Depth = N, Mag= 5.0 (CGS)			
	TRD	eP	01 15 04	51.5		SHL	iP	03 33 36	C
		eS	22 24			CHA	eP	03 34 17	
	DDI	eP	01 15 18.3			BOK	eP	03 34 12	
	NDI	eP	01 15 24	C 54.2		VIS	eP	03 34 23	46.7
		eS	23 00				eS	41 05	
	P00	eP	01 15 30.3			MDR	eP	03 34 38	48.5
	BOM	iP	01 15 39	NW 56.0			PP	36 33	
		e	19 02				eS	41 46	
		eS	23 25				SS	45 06	
06	SHL	eP	01 26 18		06	NDI	eP	03 35 16	
06	Epc: 4.2 N, 128.3 E.				06	P00	eP	03 35 26	
	H= 01h, 20m 46.7s (USCGS)				06	BOM	eP	03 35 34	56.0
	NORTH OF HALMAHERA Depth= N,						eS	43 13	
	Mag = 5.1 (CGS).				06	P00	eP	07 15 55	
	SHL	eP	01 28 27		06	Epc: 15.8 N, 121.8 E			
	CHA	eP	01 29 04	45.4		H= 07h 41m 31.2s (USCGS)			
		iS	35 45			LUZON PHILIPPINE ISLANDS FELT			
	MDR	eP	01 29 28	48.4		Depth= N, Mag= 4.8 KM.			
		PP	31 22			SHL	iP	07 47 34	C
		eS	36 28			CHA	iP	07 48 14	
		PS	36 34			VIS	eP	07 48 38	
		PPS	36 44			BOK	ePP	07 48 41	
		SS	39 55			NDI	eP	07 49 23	
	KOD	eP	01 29 46.0	DE					
	TRD	eP	01 29 57	52.0					
		iS	37 10						
	DDI	iP	01 30 07.2	53.7					
		iS	37 40.2						
	NDI	eP	01 30 11	54.1					
		eS	37 44						

MARCH, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	DDI	iP	07	49	23.7	C
	P00	eP	07	49	53	
06	PBA	ePg iSg	08	18	11.2 18 24.2	1.0
06	BOK	e	08	23	35	
06	SHL	iP	08	26	26	D
06	BOK	e	13	17	37	
06	DDI	eP i	15	36	56.0 37 08.7	
	NDI	ePn eSn	15	37	28 37 54	2.0
06	CHA	iP	16	20	57	D
06	Epc: 36.0 N, 10.6 W. H= 19h 23m 44.1s (USCGS) NORTH ATLANTIC OCEAN FELT AT CASABLANCA MOROCCO Depth= N, Nag= 4.8 (CGS)					
	DDI	eP	19	35	04.9	
	NDI	eP	19	35	07	
	CHA	iP	19	35	57	D
	SHL	iP	19	36	16	C
06	NDI	eP	20	21	21	
06	SHL	iPg Sg	22	17	33 17 43	DNE 0.8
06	PBA	iPg iSg	23	05	44.7 05 51.7	C 0.6
06	DDI	eP i	23	11	18.3 11 52.5	
07	SHL	iP	01	52	47	C
07	TOC	eP	04	09	47	
	SHL	iP	04	10	14	C
07	BOK	e	07	50	31	
07	BOK	e	08	07	04	
07	BHK	eP eS	08	08	40 11 37	10.3
	DDI	eP	08	09	51.7	
07	P00	eP	08	12	18	
07	Epc: 49.8 N, 78.2 E. H= 08h 26m 57.5 (USCGS) EASTERN KAZAKH SSR Depth=0) Mag= 5.5 MB (BRK)					
	BHK	eP	08	31	14	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	DDI	iP	08	31	24	
	SHL	iP	08	32	37	CSE
	BOK	eP SS	08	32	39 38 39	
	BOM	iP	08	33	18	
	P00	eP	08	33	21	
	KOD	ePP	08	36	32.0	
07	DDI	eP	09	29	40.6	
07	DDI	eP	14	18	16.2	
07	Epc: 17.3 N, 73.8E. H= 18h 28m 32s Felt at Koyna.					
	P00	iPg eSg	14	28	53.9 29 08.5	C 1.1
	GOA	ePN eSn	14	29	02.3 29 25.3	1.7
	BOM	iPn Pg eSn	14	29	03 29 06 29 26	D 1.7
	KOD	eP iS	14	30	24.0 31 51.0	CNE 8.1
	NDI	eP eS	14	31	17 33 23	11.7
	MDR	eSn	14	31	40	
	CHA	iP	14	32	09	C
	VIS	e	14	32	30	
	BOK	e	14	34	01	
07	NDI	iP	20	35	50.0	D
07	SHL	iP	23	03	00	C
	CHA	iP	23	03	36	D
	MDR	eP	23	04	01	
	DDI	iP	23	04	42.7	C
	P00	eP	23	04	50	
07	SHL	iP	23	57	25	C
08	NDI	iP	00	04	50.0	C
08	BOM	e	05	59	-	
08	SHL	iP	06	13	43	D
08	BOK	e	07	19	01	
08	Epc: 41.3 N, 139.6 E. H= 10h 20m 09.3s (USCGS) HOKKAIDO. JAPAN REGION. Depth= 169 Km. Mag= 5.7 Mag= 5.3 MB (BRK)					

- 9 -

MARCH, 1969

DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
	TOK	eP	10 27 31							
	SHL	iP	10 27 47	D		DDI	eP	11 59 12	54.0	
	CHA	iP	10 28 12	D			eS	12 06 43		
	BOK	e	10 28 31			P00	eP	11 59 18	54.9	
	DDI	eP	10 28 50	50.0			eS	12 06 58		
		eS	35 43			BOM	eP	11 59 25	56.0	
	NDI	iP	10 28 52	DNE 50.5			PP	12 01 27		
		eS	35 58				eS	07 12		
	PBA	iP	10 28 54		08	Epc: 2.3 N, 126.5 E.				
	BHK	eP	10 28 54.2	DN		H= 21h 06m 17.0s (USCGS)				
	VIS	iP	10 29 22			MOLUCA PASSAGE				
	MDR	iP	10 29 50	D 58.5		Depth= 42 Km. Mag= 5.1 (CGS)				
		eS	37 43			SHL	eP	21 13 55		
	P00	eP	10 29 59	D		CHA	iP	21 14 30	C	
	BOM	iP	10 30 03	D 60.5			PP	16 13		
		eS	38 03			NDI	eP	21 15 28		
	KOD	iP	10 30 17.5	NE		DDI	eP	21 15 37.1		
08	Epc: 4.0 N, 128.3 E.					P00	eP	21 15 39		
	H= 11h 30m 18.5s (USCGS)					08	CHA	iP	21 22 13	C
	NORTH OF HALMAHERA					08	NDI	eP	21 29 30.7	
	Depth= 59 Km. Mag= 4.8 (CGS)					08	SHL	eP	21 29 55	
	SHL	eP	11 37 56			08	NDI	eP	22 15 49.8	
	BOK	e	11 38 36			08	CHA	iP	23 49 45	C
	VIS	ep	11 38 50	47.5			i	50 45		
		eS	45 35			09	NDI	e	08 06 31	
	MDR	eP	11 38 54	48.0		09	NDI	i	08 07 11.2	
		PP	40 46			09	NDI	e	09 43 19	
	KOD	eP	11 39 15			09	NDI	iPn	10 19 00.0	CNW 8.7
	NDI	eP	11 39 32				eSn	20 39.3	Mb=5.8	
	DDI	eP	11 39 39	53.9		DDI	eP	10 19 14.3		
		eS	47 13		09	Epc: 48.1 N, 148.3 E.				
	P00	eP	11 39 47			H= 11h 35m 30.4s (USCGS)				
	BOM	eP	11 39 51	56.0		NORTHWEST OF KURILE ISLANDS				
		eS	47 36			Depth= 388 Km. Mag= 5.1 (CGS)				
08	Epc: 5.8 N, 128.2 E.					Mag= 4.8 MB (BRK)				
	H= 11h 49m 49.8s (USCGS)					SHL	iP	11 43 43	DNE	
	NORTH OF HALMAHERA					DDI	iP	11 44 27.2	D	
	Depth= 54 Km. Mag= 5.4 (CGS)					NDI	iP	11 44 39.0	DNE 57.0	
	SHL	iP	11 57 29	C			eS	52 02	Mb= 5.3	
	MDR	eP	11 58 29			P00	eP	11 45 39		
	KOD	eP	11 58 47			09	Epc: 1.5 N, 126.3 E.			
	TRD	eP	11 58 52	49.6		H= 13h 06m 26.7s (USCGS)				
		eS	12 06 00			Depth= 38 Km. Mag= 5.2 MOLUCCA				
	NDI	eP	11 59 02			PASSAGE.				

MARCH, 1969

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DATE	STN	PHASE	H	M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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	SHL	iP	13	14 06		09	Epc: 31.2 N, 141.6 E.				
	MDR	eP	13	14 56			H= 14h 26m 18.2s (USCGS)				
	KOD	iP	13	15 15 C			SOUTH OF HONSHU JAPAN				
	NDI	eP	13	15 47			Depth= N, Mag=5.2, Mag=5MB(BRK)				
	DDI	eP	13	15 47.4			SHL	eP	14 34 2 2		
	P00	eP	13	15 48			CHA	eP	14 34 41		
09	NDI	ePg iSg	13	30 18.7 30 21.8	0.25		MDR	e	14 36 18		
							P00	eP	14 36 36		
09	Epc: 4.1 S, 135.5 E. H= 13h 47m 59.4s(USCGS) WEST NEW GUINEA REGION Depth= 14 Km. Mag= 5.5 MS. 6.6 (CGS) Mag= 6.7 Ms (BRK)						09	NDI	e	14 43 27	
							09	NDI	e(iP)	14 46 25	
								e	48 41	17,7	
								eS	49 41		
	PBA	eP	13	56 20		09	Epc: 4.1 S, 135.6 E				
	TOK	eP	15	57 04			H= 14h 39m 04.2s WEST NEW GUINEA				
	SHL	eP iS	13 14	57 08 04 28	51.5		REGION.Depth=N, Mag= 5.5				
	BOK	iP	13	57 45 CW			M S = 6.0.				
	CHA	iP S	13 14	57 45 C 05 35	56.5		SHL	iP2	14 48 09 C		
	VIS	iP ePP	13 14	57 51 DE 00 01	56.2		TOK	eP	14 48 02		
	MDR	eP PP iS PS PPS	13 14	57 55 E 00 04 05 55 06 08 06 16	58.0		CHA	iP	14 48 42 D		
	KOD	eP iS	13	58 06.0 06 20.0	60.3		VIS	iP ePP eS	14 48 50 DE 50 59 56 39	57.0	
	TRD	iP e	13	58 13 W 08 19			MDR	eP	14 48 53		
	NDI	eP i eS	13	58 39 58 46 14 07 21	65.0		KOD	eP	14 49 08.0		
	DDI	eP	13	58 39			DDI	eP	14 49 40.2		
	P00	eP eS	13	58 39.5 14 07 20	64.8		P00	eP	14 49 50		
	BHK	eP	13	58 50.0			BOM	iP PP eS SP SS	14 49 52 CW 52 17 58 34 58 52 15 02 46	65.0	
	BOM	eP ePP	13	58 52 14 01 21			BHK	eP	14 49 53		
	CAL	eS	14	04 52			KOD	iPP	14 51 43.0 C		
	DDI	eP eS	14	34 04.7 35 39.8	8.3		09	NDI	ePg(?) iSg	15 04 31.9 04 34.5	0.2
	NDI	ePn eSn	14	34 28.1 35 49.5	7.0		09	Epc: 4.2 S, 135.5 E. H= 15h 53m 55.1s WEST NEW GUINEA REGION Depth= N, Mag= 4.8 (CGS).			
							SHL	eP	16 03 00		
							CHA	iP	16 03 33 D		
							P00	eP	16 04 31		

MARCH, 1969

- 11 -

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DATE	STN	PHASE	H. M. S.	Deg.	DATE	STN	PHASE	H. M. S.	Deg.
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	DDI	eP	16 04 32			BOK	iP	07 04 48	CW
	NDI	eP	16 04 34			VIS	iP	07 05 02	CE
09	EPC: 4.2S, 135.5E - H = 16h00m 13.8s(USCGS) WEST NEW GUINEA REGION Depth = N, Mag. 4.8(CGS)					MDR	iP	07 05 05	CE 69.4
	SHL	eP	16 09 20				eS	13 52	
	CHA	iP	16 09 55	C		KOD	eP	07 05 19	
09	DDI	eP	16 35 23.5			TRD	eP	07 05 19	
	NDI	eP	16 35 39			DDI	eP	07 05 38.4	72.2
09	SHL	iP	16 42 29	CE 0.9		NDI	iP	07 05 40	75.6
		Sg	42 41				i	06 31	
09	SHL	iP	16 49 52	D			iS	15 00	
09	NDI	ePn	17 39 08	7.4		P00	eP	07 05 45	76.4
		eSn	40 33				iS	15 09	
09	P00	ePg	23 33 47	1.2		BOM	iP	07 05 50	CW 77.6
		eSg	34 02				iS	15 21	
		eSn	34 04		10	CHA	iP	07 32 52	D
09	SHL	eP	23 38 38		10	NDI	eP	07 33 05	
10	NDI	e	03 20 02		10	MDR	eP	07 33 15	
10	SHL	iP	05 40 53	D	10	DDI	eP	08 29 27.6	
10	NDI	i	05 42 15			NDI	eP	08 29 37	
10	DDI	eP	05 42 42.2		10	BOK	eP	08 37 57	
10	EPC: 22.8N, 121.0E - H = 05h 35m 15.1s(USCGS) TAIWAN REGION Depth = 37 Km. Mag. = 4.8 (CGS)				10	KOD	eP	09 09 28.0	
	NDI	eP	05 42 47		10	BOM	iPg	13 09 35	D 0.2
	MDR	eP	05 42 53				eSg	09 38	
	P00	eP	05 43 26			P00	eP	13 10 06	
10	EPC: 5.6S, 147.2E - H = 06h 54m 17.6s(USCGS) Depth = 206D, Mag. 5.8(CGS) 6 MA (BRK) EAST NEW GUINEA REGION				10	NDI	e	14 45 46	
	SHL	iP	07 04 18	CNW	10	BOM	ePg	16 43 28	0.1
		ePP	05 00				eSg	43 29	
		eS	12 26		10	P00	ePg	17 49 (05)	
	PBA	eP	07 03 44	58.8	10	EPC: 37.1N, 71.5E - H = 18h 50m 52.5s(USCGS) AFGHANISTAN-USSR BORDER REGION Depth = 142Kms. Mag. = 4.4(CGS)			
		eS	11 20			BHK	eP _{hr}	18 52 23.2	6.8
10	CHA	iP	07 04 48	CNW 66.0			eSn	53 45	
		S	13 20			DDI	eP	18 52 54	
						NDI	eP	18 53 06	9.5
							eS	54 47	
						CHA	iP	18 54 32	D
						BOK	e	18 54 51	
						P00	eP	18 55 02	
						SHL	iP	18 55 24	

MARCH 3 1969

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
10	EPC: 36.4N, 71.0E - H = 18h 04m 02.9s (USEGS) AFGANISTAN-USSR BORDER REGION Depth = 201 Kms. Mag. = 5.1 (FELT AT KABUL)													
	BHK	ePn	19	05	40.2	6.7		DDI	eP	19	23	08.7	11.2	
		eSn		06	54.4				eS		25	09.0		
	DDI	iP	19	06	02.4	8.4		NDI	eP	19	23	29	12.5	
		eS		07	33.4				eS		25	43		
	NDI	eP	19	06	13	CSE 9.1		CHA	iP	19	24	15	C	
		eS		07	53			SHL	eP	19	24	46		
	CHA	iP	19	07	50	16.2		P00	e	19	25	29		
		eS		10	43		11	BOM	ePg	19	34	10	0.2	
	BOM	eP	19	07	57				eSg		34	12		
	BOK	e	19	08	01		11	SHL	eP	21	33	46		
	P00	eP	19	08	02		11	CHA	eP	22	06	23		
	SHL	iP	19	08	32		12	NDI	e	03	59	42		
		eS		12	15		12	DDI	eP	06	36	13.9		
	MDR	eP	19	09	09	28.3		NDI	iP	06	36	25.1	CSE 8.7	
		eS		13	55				iS		38	05		
11	NDI	e	01	27	28		12	BOM	e	10	04	01		
11	DDI	eP	01	32	51.8		12	NDI	eP	10	54	10		
	NDI	ePn	01	33	12	1.24	12	P00	eP	10	54	57		
		iSn		33	40		12	P00	eP	11	57	57		
11	BOK	e	09	06	58		12	NDI	e	12	04	53		
11	NDI	eP	09	41	36		12	NDI	eP	13	56	49		
11	NDI	i	10	16	21.0		12	DDI	eP	14	14	06.0		
11	SHL	iP	10	38	48	D		NDI	iP	14	14	17.5	CSE 8.7	
	KOD	eP	10	39	15.0				iS		15	57.0		
	NDI	iP	10	40	16.8	D	12	P00	ePg	14	31	55.6	1.3	
11	NDI	eP	12	41	10				eSg		32	12.4		
11	BOK	e	14	16	43			BOM	ePn	14	32	06	1.8	
11	SHL	eP	14	56	00				eSn		32	30		
	TOK	e	14	56	35		12	KOD	eP	15	50	59.0		
11	NDI	iP	15	41	19.3	D		P00	e	15	52	53		
		e		42	03		12	NDI	i	17	19	51		
11	KOD	iP	15	42	01.5	CNW	12	DDI	eP	17	21	09.3		
11	P00	eP	15	42	02		12	SHL	eP	17	43	26		
11	EPC; 41.3 N, 79.5 E. H= 19h 20m 28.1s (USCGS) KIRGIZ SINKANG BORDER REGION Depth= N, Mag= 4.7 (CGS)													
								CHA	iP	17	44	14	C	
							12	NDI	eP	17	48	20.5		
								P00	eP	17	48	22		
								DDI	eP	17	48	30.3		
							12	NDI	eP	20	33	30		
							12	NDI	eP	20	48	28		
							12	SHL	iP	22	41	10	C	
								CHA	eP	22	41	53		

MARCH, 1969

- 13 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
12	CHA	iP	22	45	58	D
12	CHA	eP	22	52	43	
12	CHA	eP	22	54	53	
13	SHL	eP	00	19	20	
13	NDI	e	00	21	03	
13	BOM	ePg eSg	01	36	03 36 05	0.2
13	NDI	e	01	37	45	
13	DDI	iPg iSg	05	09	10.2 09 22.7	0.96
	NDI	ePn i iSn i i	05	09	37.5 09 40.5 10 10.3 10 13.1 10 15.0	2.61
13	NDI	ePn iSn	05	57	54.5 58 19.5	1.8
13	DDI	eP	17	42	53.5	
	NDI	eP i	17	43	04 43 24	
13	EPC: 63.5 N, 129.0 W. H= 18h 43m 48.9s (USCGS) NORTHWEST TERRITORIES, CANADA Depth= N, Mag= 4.8 (CGS)					
	DDI	eP	18	56	17	
	SHL	eP	18	56	25	
	CHA	eP	18	56	26	
	NDI	eP	18	56	27	
13	NDI	eP eS(?)	19	11	35.8 C 13 15	8.6
	CHA	iP	19	12	09	D
13	EPC; 5.5 S, 110.4 E. H= 20h 40m 12.5s (USCGS) JAVA SEA. Depth= 502 Km. Mag= 5.2 (CGS).					
	MDR	iP ePP	20	46	26 48 43	D 35.0
	VIS	iP eS	20	46	30 51 28	DE 36.0
	SHL	iP eS	20	46	32 51 30	DSE 36.0
	KOD	iP pP eS	20	46	37.0 48 47 51 41	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	CHA	iP i i	20	47	00 48 56 51 53	D
	P00	eP	20	47	31	
	BOM	iP eS	20	47	39 53 32	DE 41.8
	NDI	eP eS	20	47	58 54 02	43.6
	DDI	iP	20	48	01	D
13	EPC: 8.0S, 80.1W - H = 22h 19m 37.2s (USCGS) OFF COAST OF NORTHERN PERU Depth = 38, Mag. 5.4 Mag. 5.1 (MS)					
	DDI	iP	22	39	20.5	C
	NDI	iP	22	39	22.0	D
	P00	eP	22	39	24	
	CHA	eP	22	39	31	
	SHL	eP	22	39	34	
	KOD	e	22	40	05.0	
13	P00	ePg	23	27	-	
13	BOM	ePg eSg	23	36	50 36 51	0.1
14	KOD	eP	05	00	06.5	
14	BOK	e	08	41	56	
14	EPC: 12.9N, 86.8W - H = 08h 47m 16.3s (USCGS) NIGARAGUA FELT IN ELSOLVADOR & NICARAGUA Depth = 178, Mag. = 5.6 Mag. 5.9 (PAS)					
	NDI	ePKP	09	06	18	
	SHL	ePKP PP	09	06	23 09 30	D
	BOM	ePKP	09	06	23	
	BOK	ePKP	09	06	25	
	P00	ePKP	09	06	26.5	
	MDR	ePKP	09	06	44	
	KOD	ePKP	09	06	47	D
14	CHA	e	09	09	25	
14	BOM	e	09	17	31	
14	BOK	e	12	12	21	

- 14 -

MARCH, 1969

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
14	MDR	eP	14	36	10			BOK	eP	11	53	19	47.3	
14	BOM	ePg eSg	19	29	19	0.2		iS		12	00	14		
14	CHA	iPg Sg S	21	58	13.9	1.0		PBA	iPP	11	53	20		
14	EPC: 5.0 S, 129.7 E. H= 22h 02m 58.6s (USCGS) BANDA SEA Depth= 116 Km. Mag= 5.3								VIS	eP	11	53	28	
	SHL	iP	22	11	35	D		MDR	eP	11	53	28		
	MDR	e	22	12	04			PP		12	00	28		
	CHA	iP	22	12	06	D		eS		12	00	28		
	KOD	iP	22	12	18	C		PS		00	41			
	P00	eP	22	12	57			CHA	iP	11	53	29	W	
	NDI	iP	22	13	06.0	D		KOD	eP	11	53	42.0	CNW	
	DDI	iP	22	13	06.3	C		TRD	eP	11	53	43	50.3	
14	EPC; 20.4 N, 171.8 E. H= 22h 52m 13.8s (USCGS) Phillippine Islands Region Depth= 70Km. Mag= 4.7 (CGS)								eS		12	00	56	
	SHL	eP	22	58	00			P00	iP	11	54	20.1	D	
	CHA	eP	22	58	39			eS		12	02	05		
	DDI	eP	22	59	48			NDI	iP	11	54	24.2	C	56.6
	KOD	eP	23	00	17.0			iS		12	02	14		
	P00	eP	23	00	25			DDI	iP	11	54	26.3	C	
	BOM	eP	23	00	30			BOM	eP	11	54	27	57.0	
15	BOM	e	04	39	33			eS		12	02	20		
15	P00	e	06	11	58			PS		02	36			
15	BOK	e	07	22	58			BHK	eP	11	54	39	58.8	
15	EPC: 42.4 N, 49.0 E. H=08h 26m 08.4s (USCGS) ASPIAN SEA. Depth= 46 Km. Mag= 5.0 (CGS)							15	NDI	iP	13	26	08.7	
	DDI	eP	08	31	40			15	BOK	i	13	37	13	
	NDI	iP	08	31	43	CNW		15	EPC: 51.2 N, 179.1W H= 13h 35m 35.3s (USCGS) ANDREANOF ISLANDS, ALEUTION ISLAND FELT ON ADAK Depth= 46 Km. Mag=5.6 MS=5.2. Mag= 4 $\frac{1}{2}$ MB (PAS)					
	KOD	iP	08	33	46.0	DNW		SHL	eP	13	46	43	C	
15	EPC: 2.8 S, 126.5s H= 11h 44m 47.3s (USCGS) CERAM SEA Depth= N, Mag= 5.6 (CGS)							DDI	eP	13	47	09		
	SHL	eP	11	52	49	C	44.7	BHK	eP	13	47	10	C	
	eS		59	16				NDI	iP	13	47	19	CS	76
	ScS		12	02	44			eS		57	00			
								P00	iP	13	48	12.1	C	
								BOM	iP	13	48	13	CS	
								MDR	eP	13	48	16		
								KOD	iP	13	48	35.0	D	
								15	CHA	i	13	56	15	E
								15	SHL	eP	15	39	00	
								15	NDI	e	15	40	44	
								15	PBA	e	17	14	14	
								15	DDI	eP	17	20	41.5	
								NDI	iP	17	21	01.3	C	
								i		21	29			

MARCH, ,1969

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
15	CHA	iP*	23	01	03.1	C 1.4		P00	eP	16	04	37	62.5	
		S*		01	21.8				eS		13	06		
15	NDI	i	23	08	05			BOM	iP	16	04	40	CSW 62.8	
									eS		13	06		
16	NDI	iP	01	35	45.4	DW 8.4		KOD	iP	16	04	51	C	
		iS		37	21									
16	NDI	eP	02	19	51		16	NDI	eP	17	06	30		
									i		06	47		
16	NDI	eP	04	12	11		16	SHL	iPn	18	58	01	2.0	
16	NDI	eP	05	21	35	3.4			P*		58	03		
		eS		22	16				eSn		58	27		
16	BOM	e	05	45	05			TOK	iP	18	58	25		
16	P00	e	06	59	32			CHA	iP	18	58	57.3	C 5.4	
16	NDI	e	07	12	10						19	00	00.4	
16	NDI	i	09	31	38		16	NDI	eP	19	33	08		
16	NDI	e	11	46	35		16	CHA	eP	23	06	02		
16	EPC: 9.8 N, 57.8 E. H= 14h 10m 52.2s (USCGS) Depth=N, Mag=4.9 CARLS BERG. RIDGE							16	DDI	eP	23	50	11.5	
	BOM	eP	14	14	47				i		51	07.2		
	P00	eP	14	14	57			NDI	ePn	23	50	17.8	3.35	
	TRD	eP	14	15	08				iPg		50	29.1	M= 4.3	
	KOD	eP	14	15	19.0				eSn		50	59		
	MDR	eP	14	15	47				eSg		51	12.8		
	NDI	eP	14	16	26			CHA	iP	23	50	49	D	
	SHL	eP	14	17	50			BOK	e	23	51	09		
16	EPC: 38.5, 142 E. H= 15h 54m 17.2s (USCGS) NEAR EAST COAST OF HONSHU JAPAN								SHL	ep	23	51	45	
	Depth= 40 Km. Mag= 5.4 MS=5.5 (CGS) Mag= 5½ (BRK)								P00	eP	23	52	18	
	SHL	iP	16	02	25	CSW 44.0			KOD	eP	23	53	54	
		eS		08	58				BOM	e	23	55	56	
	TOK	eP	16	02	08		17	SHL	eP	07	21	13		
	CHA	iP	16	02	51	CW 47.5			NDI	eP	07	36	14	
		S		09	44				P00	e	08	19	50	
	BOK	iP	16	03	10				BOK	e	08	29	09	
	DDI	iP	16	03	32.0	C			P00	ePg	10	20	07	1.4
	BHK	eP	16	03	37.2				eSg		20	25		
	NDI	iP	16	03	41.5	CW			P00	e	12	41	48	
	VIS	iP	16	03	55				SHL	iP	20	36	27	DSE 4.0
	MDR	iP	16	04	26	C 64.7			eS		37	15		
		ePP		06	39				CHA	eP	20	37	21	
									i		38	56		
								18	SHL	iPn	01	42	20	CE 1.4
									eSg		42	40		
								18	P00	ePg	03	26	46	
								18	EPC: 21.4 S, 171.1 E. LOYALTY ISLANDS REGION,					

MARCH, 1969

DATE	STN	PHASE	H.	M.	S.	Δ Deg.
Cont'd						
H= 03h 25m 31.8s						
Depth= 15 Km. Mag= 5.5 (CGS)						
(5 $\frac{3}{4}$ (BRK))						
18	SHL	eP	03	34	40	
	MDR	eP	03	35	03	
	e		49	55		
	e		52	11		
	BOM	eP	03	35	31	57.5
	PP		37	40		
	eS		43	28		
	P00	eP	03	36	02	
	BOK	e	03	38	17	
18	SHL	eP	04	02	29	
	P00	iPg	04	04	33.5 D	1.1
	iSg		04	48.4		
	BOM	iPn	04	04	44 C	1.7
	e		04	45		
	eSn		05	06		
18	KOD	eP	04	07	25.0 C	4.0
	iS		08	13.5		
18	P00	eP	04	43	50.5	
	KOD	eP	04	43	55	
18	P00	eP	05	20	21	
18	NDI	eP	07	47	52	8.7
	eS		49	32		
18	BOK	e	07	49	20	
18	BOK	e	09	01	35	
18	BOK	e	09	47	33	
18	SHL	eP	09	59	33	
18	KOD	iP	10	27	56.5 CW	
18	EPC: 44.1 N, 151.0 E.					
	H= 16h 16m 39.6s (USCGS)					
	KURILE ISLANDS REGION					
	Depth= 44Km. Mag= 5.7 (CGS)					
	SHL	iP	16	25	34 DNE	
	CHA	iP	16	25	57 D	
	NDI	iP	16	26	39.5 DNE	59.3
	eS		34	47		
	MDR	eP	16	27	32	67.5
	eS		36	28		
	P00	iP	16	27	36.8 D	
	BOM	iP	16	27	39 D	68.3
	eS		36	40		

DATE	STN	PHASE	H.	M.	S.	Δ Deg.
18	CHA	iP	20	48	01.7 C	2.6
		S	48	37.0		
18	SHL	ePg	22	01	56	1.3
		eSg	02	14		
18	SHL	iP	23	00	01 D	
	CHA	iP	23	00	37 D	
18	NDI	eP	23	01	41	
18	P00	eP	23	41	54.5	
19	SHL	eP	01	45	15	
19	SHL	eP	04	00	10	
19	BOM	e	05	17	11	
19	NDI	eP	06	39	02	
19	NDI	e	08	15	48	
19	SHL	iP	11	07	43	
19	PBA	ePg	11	54	39.6	0.4
		iSg	54	44.6		
19	KOD	iP	13	40	32.5 DW	
19	EPC: 28.8 N, 128.2 E.					
	H= 13h 59m 22.7s (USCGS)					
	Depth= 136 Km. RYUKYU ISLANDS					
	Mag= 5.8 (CGS)					
	SHL	iP	14	05	41 D	
		eS	10	40		
	CHA	iP	14	06	12 D	
	BOK	eP	14	06	31	37.4
		eS	12	09		
	VIS	eP	14	07	13	
	DDI	iP	14	07	13.7 D	
		PP	08	59		
	NDI	iP	14	07	22.0 DSE	43.4
		pP	07	59	M= 5.7	
		iPP	09	03		
		PPP	09	42		
		i	12	40		
		eS	13	42		
		SS	14	46		
		SS	17	01		
	BHK	eP	14	07	22.4	
	MDR	iP	14	07	46	E
		pP	08	23		
	P00	eP	14	08	08	
		epP	08	45		
	BOM	iP	14	08	14 DE	50.8
		ipP	08	51		
		iS	15	18		
		SP	15	25		

MARCH, 1969

DATE	STN	PHASE	H.	M.	S.		Δ Deg.	DATE	STN	PHASE	H.	M.	S.		Δ Deg.	
19	CHA	iP	14	12	09	D		CHA	iP	22	44	47.4	D	6.5		
19	BOM	eP	14	13	08				S		46	03.7				
19	PBA	i	14	16	20			NDI	eP	22	46	45		14.9		
		i		16	21				iS		49	32				
19	BHK	e	14	17	02.4			P00	e	22	47	28				
19	EPC: 5.8 S, 121.5 E. H= 15h 35m 53.7s (USCGS) CELEBES Depth= 636 Km, Mag= 5.4								20	SHL	ePg	04	25	20	0.8	
	SHL	iP	15	42	58	CNW				eSg		25	30			
	MDR	e	15	43	19			20	NDI	iPn	04	52	15.4	DS	4.15	
	CHA	iP	15	43	30	C				iP*		52	29.5			
	P00	eP	15	44	14.5					ePg		52	34			
	NDI	iP	15	44	27.0	C				iSn		53	05.6			
19	NDI	eP	15	52	16			20	BQM	e	05	49	18			
19	EPC: 14.0 N, 123.9 E. H= 16h 06m 47.8s (USCGS) LUZON PHILIPPINE ISLANDS. FELT AT VIRAC, Depth= 80 Km. Mag= 5.4 (CGS)								20	BOK	e	08	24	27		
	SHL	iP	16	13	09	DSE		20	BOK	e	08	26	51			
	CHA	iP	16	13	48	D		20	BOK	e	08	38	10			
	DDI	iP	16	14	58	D		20	NDI	i	10	39	09			
	NDI	eP	16	15	00			20	CHA	iP	13	38	45	D		
19	P00	eP	16	15	21			20	NDI	iP	13	39	43.6	D		
19	EPC: 44.1 N, 151.0 E. H= 18h 18m 58.9s (USCGS) KURILE ISLANDS REGION Depth= 50 Km. Mag= 4.8 (CGS)									i		44	53			
	CHA	iP	18	28	17	C			e		47	04				
	DDI	eP	18	28	30			20	P00	i ^r	13	40	27.8	D		
	NDI	eP	18	28	59			20	KOD	eP	14	08	13.1	C		
	P00	eP	18	29	56			20	NDI	e	16	12	47			
19	EPC: 6.1 S, 154.3 E. H= 20h 12m 41.2s (USCGS) SOLOMON ISLANDS Depth= 54 Km. Mag= 5.2 (CGS)								20	EPC: 8.7 N, 127.3 E. H= 16h 18m 56.4s (USCGS) PHILIPPINE ISLANDS REGION Depth= N, Mag= 6.1 MS= 6.1 (CGS) Mag=6.1 (PAS), 5.8 (GOL)						
	SHL	i ^r	20	23	37	C			PBA	iP	16	25	37			
	CHA	iP	20	24	05	D			TOC	eP	16	25	56	35.2		
	NDI	eP	20	24	53					eS		31	29			
	P00	eP	20	25	01				SHL	iP	16	26	09	CW	36.8	
19	SHL	iPg	22	30	56	D	1.1			iS		31	54			
		eSg		31	10				CAL	eP	16	26	31	39.3		
19	SHL	iPn	22	43	48	DSE	2.5			iS		32	33			
		iSn		44	20				CHA	iP	16	26	46	CNW	42	
										S		33	03			
									BOK	iP	16	26	48	CW	42.3	
										PP		28	36			
										PPP		29	03			
										iS		33	08			
										S ^S		36	10			
									VIS	iP	16	27	06	44.5		
										ePP		28	46			
										ePPP		29	35			
										iS		33	38			
										iPS		33	55			

MARCH, 1969

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
20	MDR	iP	16	27	22	C 46.7		MDR	eP	23	47	08	46.6	
contd.	PP			29	14				eS		53	56		
	iS			34	08			DDI	iP	23	47	38.0	C	
	PPS			34	20			NDI	eP	23	47	40		
	KOD	eP	16	27	43	49.3		BOM	eP	23	49	55		
	pP			29	39			P00	e	02	51	17		
	eS			34	46			21	EPC: 40.3N, 143.7E - H = 03h 05m 11.9s (USCGS) OFF EAST COAST OF HONSHU, JAPAN Depth = N, Mag. 5.3					
	TRD	iP	16	27	47	W 49.8		SHL	iP	03	13	28	C	
	PP			29	43			CHA	iP	03	13	57		
	iS			34	54			DDI	iP	03	14	31	C	
	SEH	iP	16	27	52	50.5		BHK	eP	03	14	35.0	C	
	eS			35	01			NDI	iP	03	14	40	CSW	
	DDI	iP	16	27	53	C		MDR	eP	03	15	29		
	NDI	iP	16	27	55.1	CSW 50.2		P00	eP	03	15	37		
	iS			25	07			BOM	eP	03	15	42	63.7	
	BHK	eP	16	28	06	52.2		eS			24	16		
	eS			35	27			SP			24	34		
	P00	iP	16	28	08.0	52.5		21	MDR	e	05	19	08	
	eS			35	31			21	NDI	e	05	29	50	
	GOA	eP	16	28	08	52.5		21	MDR	eP	06	53	44	
	PP			30	06.0			e			57	14		
	PPP			31	12			21	NDI	e	07	13	58	
	iS			35	32.0			i			14	06		
	SP			35	40.0			21	BOK	e	07	14	28	
	SPP			35	46.0			21	BOM	e	07	58	12	
	SS			39	07			21	SHL	iP	10	31	06	C
	BOM	iP	16	28	15	CNW 53.5		NDI	eP	10	31	37	6.3	
	i			28	31			eS			32	51		
	PP			30	17			21	NDI	iSg	12	05	44.1	
	iS			35	46			21	SHL	eP	12	07	06	
	SS			39	25			21	SHL	eP	12	14	39	
	SSS			41	13			NDI	eP	12	15	31		
20	NDI	e	18	28	02			MDR	eP	12	16	30		
20	P00	eP	18	28	52			P00	eP	12	16	31		
20	CHA	iP	18	37	40	D		KOD	iP	12	16	53.5	C	
20	NDI	eP	18	48	15			21	SHL	iP	17	32	45	D
20	NDI	eP	20	56	37			CHA	iP	17	33	19	C	
20	NDI	e	21	45	06			21	CHA	iP	18	02	22	C
20	PBA	ePg	22	00	06.5	0.4								
	iSg			00	12.0									
20	EPC: 8.8N, 127.3E Philippine Isl- - H = 23h 38m 40.6s (USCGS) and Depth = N, Mag. = 5.1 (CGS) region													
	CHA	iP	23	46	31	D								
	BOK	e	23	46	32									
	VIS	iP	23	46	47	DE								

MARCH, 1969

DATE STN PHASE H. M. S.					Δ Deg.	DATE STN PHASE H. M. S.					Δ Deg.	
21	P00	e	18	23	32							
21	CHA	iP	20	14	52	C						
21	CHA	iP	20	59	07	C						
21	CHA	iP	23	13	36	C						
21	NDI	eP	23	54	20							
21	P00	eP	23	54	27							
22	SHL	eP	01	23	22							
22	BHK	eP	01	56	45.8	6.2						
		eS		57	57.6							
	DDI	eP	01	57	07							
		i		58	33							
	NDI	eP	01	57	17	8.5						
		iS		58	55	M=4.7						
22	P00	eP	01	59	07							
22	BHK	eP	04	15	18.0	6.3						
		eS		16	31.0							
	P00	eP	04	17	49							
	SHL	eP	04	18	10							
22	EPC: 38.9N, 70.6E											
	- H = 04h 52m 32.6s (USCGS)											
	AFGHANISTAN-USSR BORDER REGION											
	Depth = 8, Mag. 5.3 (CGS)											
	BHK	iP	04	54	45.4							
		iS		56	28.0							
	DDI	iP	04	55	0.7	C 10.6						
		eS		57	13.0							
	SEH	eP	04	56	07							
	CHA	iP	04	56	47	C						
	BOK	eP	04	57	06	20.1						
		PP		57	29							
		iS	05	00	49							
		SS		01	17							
	BOM	eP	04	57	08	20.2						
		i		57	14							
		PP		57	29							
		iS	05	00	55							
	P00	eP	04	57	13.5							
	SHL	eP	04	57	33	22.3						
		eS	05	01	36							
	GOA	eP	04	57	47							
	VIS	eP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW 25.0						
		ePP		58	39							
		iS	05	02	21							
	VIS	iP	04	58	01	CW						

MARCH, 1969

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
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	P00	eP	17	40	12	51.4	23	SHL	ePg	08	57	05	0.9
		eS		47	24				eSg		57	17	
	NDI	eP	17	40	15	E	23	BOK	e	12	09	16	
	BOM	eP	17	40	21	52.8		SHL	eP	12	09	17	
		eS		47	47			MDR	eP	12	09	30	
		PPS		48	06		23	NDI	e	12	18	06	
		SS		51	26		23	BOM	e	12	53	--	
22	NDI	e	18	08	40		23	CHA	iP	13	57	29	D
22	NDI	e	23	27	32		23	NDI	iPg	14	33	26.6	0.53
23	NDI	i	02	13	21				iSg		33	33.5	M= 2.7
23	SHL	eP	02	38	57	D 2.6	23	EPC: 39.2 N, 28.5 E. H= 21h 08m 42.6s (USCGS) TURKEY Depth= 12 Kms. Mag= 5.6, 1100 HOUSES DISTROYED IN DEMRICT, GOXDES, SINDIRGI AND SURROUNDING VILLAGES, FELT THROUGH OUT WESTERN ANATOLIA AT ISTANBUL. MS=5.6 Mag= 5.8 (GOL)					
		eS		39	30			NDI	eP	21	16	30	DN 41.2
23	EPC: 24.4N, 68.7E H= 04h 21m 31.4s (USCGS) INDIA WEST PAKISTAN BORDER REG Depth=15Km. Mag= 4.4(CGS)								PP		18	08	
	BOM	ePn	04	23	12	6.8		PcS		22	20		
		Sn		24	29			iS		22	44		
	P00	ePn	04	23	24	7.8		BOM	iP	21	16	44	DN 43.0
		eSn		24	58			PP		18	26		
	NDI	eP	04	23	42	08.9		eS		23	10		
		iS(?)		25	15			P00	eP	21	16	52	44.0
	SEH	eP	04	23	51	09.5		eS		23	26		
		iS		25	36			GOA	eP	21	17	09.0	
	BHK	eP	04	23	57.0	10.0		CHA	iP	21	17	37	DW
		eSS		26	07			BOK	iP	21	17	41	50.2
	DDI	eP	04	24	03.3			PcS=ScP		22	36		
	BOK	eP	04	25	12	15.6		iS		24	53		
		iSS		29	28			Ps		25	04		
	MDR	eP	04	25	22	16.5		PPS		25	11		
		PP		25	35			VIS	eP	21	17	52	52.0
		eS		28	26			iS		25	17		
		SS		28	46			KOD	eP	21	17	55	
		SSS		28	59			MDR	eP	21	17	56	52.2
	VIS	e	04	25	27			PcP		19	10		
	KOD	eP	04	25	28.0	CSE 17.0		PP		19	56		
		iS		28	38			PPP		21	00		
	SHL	eP	04	26	19	C		eS		25	21		
	CHA	iP	04	28	33.9	E		PS		25	23		
	TRD	e	04	30	16			PPS		25	37		
	CAL	i	04	32	32			ScS		27	46		
		i		34	32			TRD	eP	21	18	00	
23	PBA	ePg	05	29	24.3	0.8		eS		25	32		
		iSg		29	35.3			SHL	iP	21	18	08	DNW 53.0
23	PBA	iPg	05	53	33.3	D 0.9		PP		20	12		
		iSg		53	45.3			eS		25	43		

MARCH, 1969

- 21 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	PBA	e	21	19	11	
23	EPC: 6.5S, 154.7E H= 23h 01m 03.7s (USCGS) SOLOMON ISLANDS, Depth= 51 Km Mag= 5.0 (CGS)					
	SHL	eP	23	12	06	
	CHA	iP	23	12	33	D
	NDI	iP	23	13	22	D
24	NDI	ePn	00	11	40.9	5.1
		iSn		12	41.5	
24	NDI	eP	02	07	19	
24	NDI	eP	08	20	49°	
24	NDI	eP	11	42	19	
24	BOM	e	11	57	24	
24	EPC: 27.5 N, 33.8 E. H= 11h 54m 15.5s (USCGS) UNITED ARAB REPUBLIC Depth=21 Kms Mag= 5.7 (CGS)					
	P00	eP	12	01	31	
	NDI	eP	12	01	34	
	BOK	eP	12	02	44	
24	NDI	e	12	21	03	
24	NDI	eP	12	58	08	
24	NDI	ePg	13	23	28.3	0.38
		iSg		23	33.2	
24	CHA	iP	15	07	03	C
24	P00	e	17	02	34	
24	NDI	e	22	57	02	
24	NDI	ePn	23	57	09	1.9
		eSn		57	36	
25	NDI	eP	01	09	34	
25	BHK	eP	02	20	32.0	
25	NDI	iP	02	34	31.5	CN
25	P00	e	02	35	19	
25	BOK	e	07	34	28	
25	NDI	eP	09	02	27	
25	BOK	e	09	07	55	
25	BOK	e	09	54	19	
25	BOM	e	10	16	06	
25	SHL	eP	12	34	20	2.8
		eS		34	55	
25	EPC: 39.2 N, 28.2 E. H= 13h 21m 32.4s (USCGS) TURKEY					

DATE	STN	PHASE	H.	M.	S.	△ Deg.
FURTHER DAMAGE AT SINDLAGI AND DEMIRCI.						
Depth= 23 Km Mag= 5.6 MS=5.5 (CGS)						
	DDI	eP	13	28	57	
	BHK	e	13	29	00.0	
	NDI	iP	13	29	19	D 41.6
		PP		31	01	M _b =5.3
		iS		35	34	
	BOM	eP	13	29	32	43.5
		PP		31	20	
		eS		36	02	
	BOM	eP	13	29	38	44.0
		PP		31	26	
		eS		36	10	
	P00	eP	13	29	41	
	CHA	iP	13	30	08	D
	BOK	eP	13	30	26	
	VIS	eP	13	30	39	DE
	MDR	eP	13	30	44	
	TBD	eP	13	30	48	
	SHL	eP	13	30	56	
	PBA	e	13	31	58	
25	NDI	iP	14	26	37.0	DN
	SHL	iP	14	28	15	
25	NDI	e	16	21	16	
25	CHA	iP	16	22	29	C
25	NDI	ePg	17	01	44.5	0.3
		iSg		01	48.4	
25	BHK	ePg	18	58	07.8	C 1.6
		eSg		58	30.0	
	NDI	iPn	18	58	19.0	DNE 2.0
		P*		58	21.2	M= 3.7
		IPg		58	23.4	
		iSn		58	45.2	
		iSg		58	48.4	
	CHA	iP	18	59	46.6	D 8.7
		S		19	01	26.4
	P00	eP	19	00	(34)	
	BOK	e	19	01	38	
25	CHA	iP	20	34	17	D
25	CHA	iP	20	38	52.7	C 3.4
		S		39	33.2	
25	NDI	eP	22	33	44	9.0
		eS		35	27	

MARCH, 1969

DATE	STN	PHASE	H.	M.	S.		△ Deg.
25	CHA	iP	22	37	53	C	
26	P00	eP	01	34	20		
26	NDI	eP	01	34	25		
26	NDI	e	03	39	11		
26	SHL	iP	04	40	06	D	
26	BOK	e	05	18	17		
26	BOM	e	06	02	09		
26	BOK	e	08	05	40		
26	P00	eP	09	24	02		
26	BOM	ePn eSn	09	30	17 31 04		3.8
	P00	eP	09	31	22.5		
26	P00	iPg eSg	09	47	44.5 47 59.5	D	1.1
	BOM	iPn eSn	09	47	55 48 18	D	1.7
26	KOD	eP eS	09	50	45 51 21	D	3.0
26	NDI	i	09	53	35		
26	NDI	e	12	06	40		
26	EPC: 16.2N, 122.2E - H = 15h 27m 40.6s(USCGS) LUZON PHILIPPINE ISLANDS, FELT AT CASIGURON, MANILA & ALABAT Depth = 36 Km, Mag. 5.0(CGS)						
	PBA	eP	15	33	38		
	SHL	eP	15	33	45		
	CHA	iP	15	34	24	D	
	VIS	eP eS	15	34	55 40 41		37.8
	MDR	eP PP eS	15	35	20 36 59 41 32		41.0
	KOD	eP	15	35	46	DE	
	P00	eP	15	36	08.1	D	
	BOM	eP pP	15	36	09 38 00		47.0
26	EPC: 22.6N, 78.1E - H = 18h 00m 54s, NEAR ITARSI (M.P.), M= 4 $\frac{1}{4}$ (NDI)						
	SEH	e	18	01	12		0.9
		iS		01	26		M=3

DATE	STN	PHASE	H.	M.	S.		△ Deg.
	BOK	e	18	02	10		
	P00	eP eS	18	02	17 03 18		5.2
	NDI	iPn iPg iSn S* Sg	18	02	24.8 02 47.5 03 29.5 03 44.5 03 59.2	DS	5.6
	BOM	ePn eSn	18	02	30 03 49		6.8
26	CHA	iP• PP PPP S	18	03	09.7 03 16.9 03 23.3 04 52.9	C	9.0
	MDR	eP eS e	18	03	15 04 04 05 48		09.4
	KOD	eP iS	18	03	47.0 05 59.5	DSE	11.7
26	SHL	eP	18	04	00		
26	PBA	iPg2 iSg	19	07	29.9 07 38.9	C	0.8
26	EPC: 8.6N, 127.6N, - H = 19h 22m 09.0s(USCGS) Philippine Islands Depth = 31 Km, Mag. 5.3						
	SHL	eP	19	29	21		
	CHA	iP	19	29	59	D	
	NDI	eP	19	31	09		
26	CHA	iP	19	38	46	D	
26	NDI	iPg iSg	22	32	32.3 32 35.2	DN	0.23
27	SHL	eP	03	35	47		
27	NDI	e	03	37	40		
27	EPC: 3.9 N, 128.5 E. H= 04h 46m 26.1s (USCGS) North of Halmahera Depth= N, Mag= 5.7 Ms=5.7 Mag=60 (PAS)						
	PBA	iP	04	53	29	D	
	BOK	iP iS SS SSS	04	54	43 05 00 25 03 40 04 52		45.5
	SHL	eP eS	04	54	09 05 00 20		41.0

MARCH, 1969

-23-

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
	CHA	eP	04	54	47	46.0		P00	eP	11	24	07		
		eS	05	01	32			SHL	eP	11	24	17	DE	
	VIS	eP	04	54	51	46.4	27	MDR	e	11	33	33		
	MDR	eP	04	55	10		27	EPC: 4.8 N, 127.5 E. H= 12h 41m 35.9s (USCGS) TALAUD ISLANDS Depth= 32 Kms. Mag= 6.1 MS=6.7 (CGS) Mag= 7.0(PAS) Mag= 6.8(BRK)						
		PP		57	05			PBA	eP	12	48	29		
		eS	05	02	12				eS		53	59		
	KOD	eP	04	55	30.0			TOC	eP	12	49	00	39.0	
	TRD	eP	04	55	31						54	54		
	DDI	iP	04	55	51.3 D			SHL	eP	12	49	10	CNW 40.0	
	NDI	eP	04	55	54	54.6			eS		55	10		
		iS	05	03	27			CAL	eP	12	49	28	42.3	
	P00	eP	04	56	00	55.3			eS		55	46		
		eS	05	03	40			BOK	eP	12	49	45	44.3	
	BOM	eP	04	56	05	56.2			eS		56	14		
		PP		58	10				SPP		55	29		
		eS	05	03	53			CHA	eP	12	49	47	CNW 44.5	
	BHK	eP	04	56	06				PP		51	29		
27	CHA	iP	06	19	26 D				eS		56	19		
27	NDI	eP	06	20	23			VIS	eP	12	49	51	45.1	
27	P00	iP	06	21	08.5 D				eS		56	26		
27	BOK	e	07	00	31				SP		56	30		
27	EPC: 19.5 N, 144.6 E. H= 08h 23m 13.6s (USCGS) MARINA ISLANDS Depth= 383Km. Mag= 4.6 (CGS)									SPP		56	38	
	SHL	iP	08	31	26 DE				eSS		59	36		
	CHA	iP	08	31	59 D			MDR	eP	12	50	10	C 47.5	
	NDI	eP	08	32	55 D				PP		52	00		
	P00	iP	08	33	26.0				eS		56	59		
27	BOK	e	08	43	08				PSP		57	05		
27	EPC: 39.0 N, 71.9 E. H= 19h 19m 29.3s (USCGS) TADZIK SSR Depth= 37 Kms Mag= 4.9 (CGS)									SPP		57	18	
	BHK	eP	11	21	34.0			KOD	eP	12	50	30.0	50.1	
	DDI	eP	11	21	54	10.1			eS		57	40.0		
		eS		23	51			TRD	eP	12	50	35	W 54.7	
	DDI	eP	11	22	10	11.2			PP		52	34		
		iS		24	12				iS		57	42		
	BOM	eP	11	23	30			SEH	eP	12	50	46	W 52.2	
	CHA	eP	11	23	31 D				eS		58	04		
	BOK	eP	11	23	52	19.0		DDI	eP	12	50	52	53.0	
		eS		27	19				eS		58	19		
								NDI	iP	12	50	54.0	CNW 53.3	
									PcS		56	12		
									iS		58	20		
									SP		58	31		
								GOA	iP	12	50	57.1	W 53.7	
									PcP		52	00.1		
									PP		52	59.1		

MARCH, 1969

- 24 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
Contd	PPP		54	06.1				BHK	eP	01	56	04.0	D 38.0	
	eS		58	27.1				NDI	eP	01	56	17	D 41.0	
	SPP		58	43					PP			57 52		
	P00	iP	12	51	01	C 54.1			iS	02	02	32		
		iS		58	34				SS		05	32		
		SS	13	02	19				SSS		06	13		
	BHK	iP	12	51	06			DDI	iP	01	56	18.1	D	
	BOM	iP	12	51	07	CW 55.0		BOM	iP	01	56	31	DNW 43.0	
		iS		58	44				PP			58 13		
		SP		58	54				PPP			58 50		
		SPP		59	01				iS			03 00		
27	MDR	e	13	00	28				SS			06 07		
27	BOM	e	13	29	22			P00	iP	01	56	41.2	C 43.0	
27	NDI	eP	14	18	42				iS	02	03	16		
27	NDI	e	14	25	57			GOA	eP	01	56	55		
27	CHA	iP	16	18	50	D		CHA	iP	01	57	27	DW 50.2	
27	CHA	iP	16	53	22	C			S	02	04	39		
27	CHA	iP	18	15	53	D		BOK	iP	01	57	28	D	
27	MDR	e	18	24	14			VIS	iP	01	57	38	DN	
27	P00	eP	18	39	56.5			MDR	eP	01	57	42		
27	EPC: 39.0 N, 71.8 E. H= 19h 37m 44.1s (USCGS) TADZHIK SSR Depth= N, Mag= 5.2							KOD	iP	01	57	43	52.1	
	DDI	eP	19	40	08.1				iS	02	05	08		
	NDI	eP	19	40	25	11.2			PS			05 20		
		iS		42	27				SS			08 44		
	CHA	iP	19	41	47	D		TRD	iP	01	57	48	W	
	BOK	eP	19	41	07			CAL	iP	01	57	52	53.0	
	P00	eP	19	42	24.1				iS			05 20		
27	BOM	e	19	48	31			PBA	eP	01	58	57	DW 62.8	
27	MDR	e	19	51	46				eS	02	07	31		
27	CHA	iP	19	59	59	C		28	NDI	eP	03	16	23	
27	CHA	iP	20	56	56	D		28	SHL	eP	05	33	19	
27	NDI	iP	20	57	55.5	C		28	NDI	e	05	38	03	
28	EPC: 38.6 N, 28.4 E. H= 01h 48m 30.4s (USCGS) TURKEY Depth= 9.0, Mag= 6.0, MS= 6.4 53 Killed and heavy damage Alasehir, Sarigol, and Kiraz Felt throughout Western Anotolia and at Istambul. Mag= 6.4 (PAS) 6 $\frac{1}{4}$ (BRK) 6 $\frac{1}{2}$ -6 $\frac{3}{4}$ (GOL)							28	P00	e	07	03	21	
								28	BOK	e	07	25	15	
								28	BOK	e	07	27	57	
								28	BOK	e	07	55	32	
								28	SHL	iP	09	32	28	D
								28	NDI	eP	09	33	59	
								28	NDI	eP	10	10	03	
								28	SHL	iP	10	11	40	
								28	KOD	eP	11	30	52	DE
									P00	eP	11	30	52	
									NDI	iP	11	31	04.7	C
									DDI	i	11	31	07	

MARCH, 1969

- 25 -

DATE	STN	PHASE	H.	M.	S.		△ Deg.
28	SHL	iP	11	39	53	C	
28	NDI	eP	11	41	37		
28	P00	eP	18	59	12		
28	NDI	e	18	59	29		
28	CHA	eP	22	14	39		
28	MDR	e	22	17	42		
		e		19	18		
28	TRD	eL	22	18	14		
28	NDI	iP	23	07	45	C	
29	NDI	eP	01	52	14		
29	SHL	iP	06	16	22	C	
	CHA	iP	01	16	57	C	
29	P00	eP	06	17	45		
29	NDI	iP	06	17	58.0	DSE	
29	EPC: 12.0 N, 41.2 E. H= 09h 15m 54.1s (USCGS) ETHIOPIA Depth= N, Mag= 5.8 MS= 6.3 (CGS) 24 Killed and 165 Injured at Sarod, SAROD Completely Destroyed Mag= 6 $\frac{1}{4}$ - 6 $\frac{1}{2}$ (GOL)						
	BOM	eP	09	22	15	CE 31.5	
		PP		23	18		
		PPP		23	32		
		eS		27	24		
		SS		29	17		
	GOA	eP	09	22	17	31.8	
		PP		23	24.1		
		PPP		23	42.1		
		ES		27	30.1		
	P00	eP	09	22	19	32.1	
		iS		27	28		
		e		27	38		
	TRD	iP	09	22	49	E	
	KOD	eP	09	22	50		
	NDI	eP	09	23	05	38.0	
		PP		24	31	M=6.7	
		iS		28	08	M=6.3	
		SS		31	34		
	BHK	eP	09	23	09		
	VIS	eP	09	23	36	42.0	
		PP		25	14		
		PPP		25	51		
		iS		29	57		
		ePS		30	07		
	MDR	iP	09	23	11		
		e		24	43		
		e		29	09		
	BOK	iP	09	23	59	CE	
	CHA	iF	09	24	14		45.8
		eS		30	55		
	CAL	eP	09	24	18		46.0
		eS		31	02		
	SHL	iP	09	24	41	CE	49.5
		PP		26	34		
		PPP		27	28		
		iS		31	52		
	PBA	iP	09	24	53	CE	
	BOK	e	10	26	29		
29	EPC: 12.0 N, 41.3 E. H= 11h 04m 47.9s (ETHIOPIA) Depth= 4 Km. Magnitude 5.6						
	BOM	eP	11	11	10		31.1
		PPP		12	28		
		eS		16	18		
	P00	eP	11	11	20		32.5
		eS		16	32		
	TRD	eP	11	11	49		35.4
		iS		17	24		
		SSS		20	03		
	KOD	eP	11	11	50.0	C	
	NDI	eP	11	12	02		38.1
		PP		13	30		
		i		14	44		
		iS		17	56		
		SS		20	32		
	BHK	eP	11	12	06.0		
	MDR	eP	11	12	14		38.5
		PPP		14	05		
		eS		18	07		
		SSS		21	23		
	VIS	eP	11	12	36		41.3
		eS		18	54		
	BOK	eP	11	12	58		
	CHA	eP	11	13	17		
	CAL	eP	11	13	21		
	SHL	iP	11	13	38	C	49.0
		eS		20	50		
	PBA	iP	11	13	50		
	MDR	e	11	14	48		
		e		16	28		

MARCH, 1969

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DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
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29	SHL	iP	12	11	10	C	30	NDI	i	02	13	57	
29	NDI	eP	12	12	31	C	30	BOM	e	03	26	47	
29	EPC: 11.0 N, 41.5 E. H= 13h 08m 11.4s (USCGS) ETHIOPIA, Depth= 4Km. Mag= 5.1						30	SHL	iP	05	02	24	C
	NDI	eP	13	15	27		30	NDI	e	05	03	39	
	MDR	eP	13	15	34	39.0	30	NDI	iP	05	22	36	
	CHA	eP	13	16	35		30	EPC: 4.5 N, 128.0E. H= 07h 11m 04.3s (USCGS) NORTH OF HALMAHERA Depth= 70 Km. Mag= 4.9 (CGS)					
	BOM	e	13	17	48			SHL	iP	07	18	37	
		e		22	24			MDR	eP	07	19	39	
29	EPC: 10.4 N, 56.8 E. H= 13h 48m 57.6s (USCGS) CARLSBERG RIDGE Depth= N, Mag= 5.6							KOD	eP	07	19	58.0	CE
	GOA	eP	13	53	00			NDI	eP	07	20	21	
	BOM	iP	13	53	04			P00	eP	07	20	27	
	P00	eP	13	53	11	18.5	30	EPC: 4.4 N, 128.0 E. H= 07h 55m 07.5s (USCGS) NORTH OF HALMAHERA Depth= N, Mag= 5.4 MS=5.2 (CGS)					
		eS		56	44			PBA	eP	08	02	05	
	TRD	eP	13	53	31	20		TOC	eP	08	02	35	
		eS		57	08			SHL	iP	08	02	46	CNW 44.5
	KOD	iP	13	53	36	C			eS		08	50	
	MDR	eP	13	54	04	23.3		CHA	iP	08	03	22	C
		eS		58	13			BOK	eP	08	03	22	
	NDI	eP	13	54	34	CNE 26.5		VIS	iP	08	03	28	DE
		eS		59	04			MDR	eP	08	03	46	48.0
	VIS	iP	13	54	37	CE		PP		05	39		
	BHK	eP	13	54	57			eS		10	44		
	BOK	e	13	55	14			SS		14	09		
	CHA	eP	13	55	33	C 33.2		SSS		15	29		
	CAL	eP	13	55	34			KOD	eP	08	04	05	C
	PBA	iP	13	55	54			NDI	iP	08	04	30	54.0
		i		55	59				eS		12	04	
		eS	14	01	33			P00	eP	08	04	35	D
	SHL	iP	13	56	02			BOM	eP	08	04	41	55.5
	TOC	eP	13	56	56				eS		12	22	
29	SHL	iP	15	41	08			PS		12	32		
29	P00	ePg	17	32	32	1.1	30	SHL	iP	08	32	41	C
		eSg		32	45.5		30	MDR	e	09	54	15	
29	NDI	eP	18	37	53			P00	eP	09	54	39	
29	NDI	eP	21	40	23			NDI	e	09	56	08	
29	BOM	e	21	47	39			SHL	eP	09	56	30	
30	NDI	iPg	01	01	03.0	DNE 0.08	30	BOM	e	10	04	-	
		iSg(?)		01	04.3								

MARCH, 1969

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
30		Epc: 27.6 S, 70.9 W. H= 10h 50m 11.4s (USCGS) NEAR COAST OF NORTHERN CHILE Depth= N, Mag= 5.1 (CGS)					
	KOD	ePKP	11	09	50	C	
	P00	ePKP	11	09	51		
	MDR	ePKP	11	10	00		
	NDI	ePKP	11	10	05		
30	P00	ePg eSg	11	21	02 21 17	1.1	
30	P00	e	12	34	22		
30	NDI	iPg iSg	12	35	17.0 E 35 23.6	0.51	
30	P00	eP	12	45	39		
30	P00	eP	12	55	09.5		
30	P00	ePg eSg eSn	15	27	22 27 37 27 39	1.1	
30	CHA	i	20	33	53	C	
30	P00	eP	20	34	12.5		
30	CHA	iP	20	34	24	C	
30		EPC: 4.7 N, 127.6 W. H= 20h 56m 59.2s (USCGS) TALAUD ISLANDS Depth= 61 Km. Mag= 5.1 (CGS)					
	SHL	iP iS	21	04	29 10 26	D 40.6	
	CHA	iP	21	05	06		
	MDR	eP	21	05	31		
	KOD	iP	21	05	49.0		
	NDI	iP	21	06	13.1	DE	
	P00	eP	21	06	19		
	P00	ePg eSg eSn	22	56	51 57 08 57 09.5	1.1	
31	BOM	e	03	12	22		
31	NDI	i	05	30	16		
31	PBA	eP iS	06	31	15.6 31 40.1	1.8	
	MDR	eP PP eS SSS/LR	06	33	49 33 58 36 01 36 26	11.6	
	KOD	eP	06	34	21	CW	

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
	NDI	eP	06	35	56		
	KOD	i	06	36	58.0	CN	
	P00	eP	06	37	30		
31		EPC: 27.7 N, 34.0 E. H= 07h 15m 54.4s (USCGS) RED SEA Depth= N, Mag= 6.0 Ms= 6.8					
	2KILLED 16 INJURED, HEAVY PROPERTY DAMAGE, IN UNITED ARAB REPUBLIC. FELT IN ISRAEL AND SAUDI ARABIA. Mag= 7-7 $\frac{1}{4}$ (PAS) 6 $\frac{1}{4}$ -6 $\frac{3}{4}$ (GOL)						
	BOM	eP ePP PPP PcP iS SS	07	23	04 24 28 24 54 25 14 28 50 31 40	37.2	
	SEH	iP	07	23	02	W	
	BHK	eP	07	23	04.0		
	P00	eP PP eS	07	23	10 24 40 29 04	38.0	
	NDI	e iP PP iS SS	07	23	10.5 23 13.0 24 42 29 02 31 42	DNW 38.2 MWA= 7.1 Mb= 6.1 Ms= 6.7	
	GOA	eP eS SS	07	23	18 29 16 31 59	39.0	
	KOD	eP	07	24	05	DNW	
	TRD	iP PP iS SS	07	24	07 25 54 30 49 34 06	W 45.5	
	MDR	iP PP eS PS PPS SSS	07	24	12 25 58 30 54 31 02 31 11 35 10	CE 45.5	
	BOK	iP PP iS SP SPP	07	24	19 26 05 31 04 31 09 31 17	DNW 46.5	
	VIS	iP iPP iS	07	24	21 26 13 31 06	CE 46.0	
	CHA	iP	07	24	25	DNW 47.0	

MARCH, 1969

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DATE	STN	PHASE	H.	M.	S.	△	DATE	STN	PHASE	H.	M.	S.	△	
						Deg.							Deg.	
Contd	PP		26	16	M= 7		Contd	eS		37	25			
	PPP		27	08				eSS		39	50			
	iS		31	18			CHA	iP	19	32	39	NE	41.8	
CAL	iP	07	24	45	W	49.8		i		34	26			
	iS		31	55				iS		38	20			
SHL	eP	07	24	55	DNW	52.0		eSS		40	45			
	PP		26	58				iSS		41	51			
	eS		32	20				i		45	53			
TOC	eP	07	25	16			CAL	iP	19	32	48		42.9	
PBA	iP	07	25	40		57.2		eS		38	38			
31	NDI	i	08	17	28	D	BOK	iP	19	32	48	DNE		
31	NDI	iP	08	19	08.8		PBA	iP	19	33	10		45.6	
31	NDI	iP	09	08	25.7	D		iS		39	26			
31	BOM	e	09	17	24		BHK	eP	19	33	22.2	D	47.2	
								eS		39	47.0			
31	P00	ePg	10	18	33.5	1.2	NDI	eP	19	33	27	DNE	48.1	
		iSg		18	50.1			i		33	31.0			
BOM	ePn	10	18	43		1.9		pP		34	52.0			
	iSn		19	07				PP		35	28			
31	KOD	eP	10	21	17.0			i		38	06			
31	NDI	eP	11	37	19			iS		39	56			
31	SHL	iP	12	24	55	C		i		45	46			
	BOK	e	12	25	39		VIS	iP	19	33	38		49.3	
	NDI	eP	12	27	39			iS		40	16			
		e		31	06			eSS		43	39			
	P00	eP	12	27	59		SEH	iP	19	33	47		50.5	
	BOM	iP	12	28	11	C		iS		40	34			
		eS		34	03	37.9	MDR	iP	19	34	16	D	54.5	
31	P00	eP	14	21	55			iS		41	24			
31	NDI	i	16	30	10		31	P00	ePpp	19	34	28	D	56.2
31	EPC: 38.3 N, 134.6 E. H= 19h 25m							pP		35	53			
	27.2s (USCGS) SEA OF JAPAN							P		36	40			
	Depth= 417 Mag= 5.9.							PPP		38	05			
	TWO SHOCKS APPARENTLY OCCURRED							eS		41	44			
	WITHIN EXTEREMELY SMALL INTERVALS							sS		44	18			
	OF TIME AND SPACE. THE SMALLER							SS		45	38			
	EVENT OF MAGNITUDE 4.2 MB OCCURRED							SSS		48	15			
	ABOUT 3.5 SECES BEFORE THE LARGER						31	BOM	eP	19	34	34		56.8
	QUAKE OF MAG5.9 MB. THE EPICENTRE							pP		36	02			
	IS BASED ON DATA FROM EARLIER SHOCK.							PP		36	48			
	WHILE THE DEPTH FROM. (pP-P) INTERVALS							PPP		38	17			
	PERTAINS TO THE LARGER QUAKE.							eS		41	54			
	Mag= 6.5 (PAS): 6.4 (BRK) 5½ (GOL)							e		42	36			
	TOC eP 19 31 50							SSS		48	36			
	SHL iP 19 32 07 DNE 37.8						GOA	eP	19	34	36			
	i 33 50							iS		42	09			
							TRD	iP	19	34	53		60.2	
								pP		36	19			
								iS		42	33			
								e		44	02			
							31	NDI	eP	22	06	50		
							31	SHL	iP	23	11	08	D	

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MARCH, 1969

- 29 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOKARO				
01	00	3	0.1	4.2
	06	...	-	-
	12	3	0.1	4.8
	18	3	0.1	4.7
02	00	3	0.1	4.7
	06	3	0.1	5.0
	12	3	0.1	4.5
	18	3	0.1	4.6
03	00	3	0.1	4.9
	06	3	0.1	4.8
	12	3	0.1	4.6
	18	3	0.1	4.5
04	00	3	0.1	4.4
	06	...	-	-
	12	3	0.1	4.3
	18	3	0.1	4.9
05	00	3	0.1	4.6
	06	3	0.1	4.6
	12	3	0.1	4.8
	18	3	0.1	4.7
06	00	3	0.1	4.8
	06	3	0.1	5.1
	12	3	0.1	5.0
	18	3	0.1	5.2
07	00	3	0.1	4.9
	06	3	0.1	5.0
	12	3	0.1	4.8
	18	3	0.1	5.2
08	00	3	0.1	4.6
	06	3	0.1	4.9
	12	...	-	-
	18	3	0.1	4.5
09	00	3	0.1	4.7
	06	3	0.1	4.4
	12	3	0.1	4.3
	18	3	0.1	4.2
10	00	3	0.1	4.5
	06	...	-	-
	12	3	0.1	4.4
	18	3	0.1	4.4
11	00	3	0.1	4.8
	06	3	0.1	5.2
	12	3	0.1	4.7
	18	3	0.1	4.9
12	00	...	-	-
13	18	...	-	-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOKARO				
14	00	...	-	-
	06	3	0.1	4.8
	12	3	0.1	4.9
	18	3	0.1	4.8
15	00	3	0.1	5.2
	06	3	0.1	5.1
	12	...	-	-
	18	3	0.1	4.8
16	00	3	0.1	4.7
	06	...	-	-
	12	3	0.1	4.1
	18	3	0.1	4.4
17	00	3	0.1	4.2
	06	3	0.1	4.2
	12	3	0.1	4.0
	18	3	0.1	3.2
18	00	3	0.3	3.0
	06	3	0.3	3.1
	12	3	0.1	3.4
	18	3	0.1	3.3
19	00	3	0.1	3.9
	06	3	0.1	4.1
	12	3 ⁰	0.1	4.3
	18	3	0.1	4.2
20	00	3	0.1	3.8
	06	3	0.1	3.4
	12	3	0.1	3.9
	18	...	-	-
21	00	...	-	-
	06	3	0.3	3.2
	12	3	0.4	3.2
	18	3	0.3	3.0
22	00	3	0.2	3.0
	06	3	0.1	3.0
	12	3	0.1	4.0
	18	...	-	-
23	00	3	0.1	4.1
	06	3	0.1	5.0
	12	3	0.1	4.4
	18	3	0.1	4.7
24	00	3	0.1	5.1
	06	3	0.1	4.6
	12	3	0.1	4.4
	18	3	0.1	4.1
25	00	3	0.1	2.9
	06	3	0.1	2.8
	12	3	0.1	3.5
	18	3	0.1	3.0

MARCH , 1969

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : BOKARO

26	00	3	0.1	4.3
	06	3	0.1	3.6
	12	3	0.1	4.1
	18	3	0.1	3.7
27	00	3	0.1	3.1
	06	...	-	-
	12	3	0.1	3.7
	18	3	0.1	3.3
28	00	3	0.1	3.6
	06	3	0.1	3.5
	12	33	0.1	3.3
	18	3	0.1	3.8
29	00	3	0.1	3.6
	06	3	0.1	4.1
	12	...	-	-
	18	3	0.1	3.5
30	00	3	0.1	3.9
	06	3	0.1	3.7
	12	3	0.1	3.6
	18	3	0.1	4.0
31	00	3	0.1	3.9
	06	3	0.1	4.0
	12	3	0.1	4.0
	18	3	0.1	4.4

STATION : BOMBAY

01	00	3	0.3	2.7
			0.2	1.8
	06	3	0.3	5.8
			0.3	2.5
	12	3	0.3	5.9
			0.3	2.5
	18	3	0.3	5.9
			0.3	2.4
02	00	3	0.3	5.8
			0.2	1.9
	06	3	0.3	5.6
			0.2	2.1
	12	3	0.3	5.7
			0.2	1.9
	18	3	0.3	5.7
			0.2	1.8
03	00	3	0.3	5.6
			0.2	2.0
	06	3	0.3	5.9
			0.2	2.0
	12	3	0.3	5.7
			0.2	2.0
	18	3	0.3	5.7
			0.2	2.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : BOMBAY

04	00	3	0.3	5.8
			0.2	2.0
	06	3	0.3	5.5
			0.3	2.3
	12	3	0.3	5.5
			0.2	2.3
	18	3	0.3	5.4
			0.2	2.0
05	00	3	0.3	5.5
			0.2	2.2
	06	3	0.3	5.4
			0.2	2.4
	12	3	0.3	5.5
			0.2	2.5
	18	3	0.3	5.7
			0.2	2.2
06	00	3	0.3	5.6
			0.2	2.2
	06	3	0.3	5.5
			0.3	2.2
	12	3	0.3	5.3
			0.2	2.2
	18	3	0.3	5.7
			0.3	2.1
07	00	3	0.3	5.6
			0.3	2.3
	06	3	0.3	5.4
			0.3	2.4
	12	3	0.3	5.5
			0.3	2.3
	18	3	0.3	5.5
			0.3	2.3
08	00	3	0.3	5.6
			0.3	2.4
	06			Surface wave
	12			Shock in Progress
	18	3	0.3	5.6
			0.3	2.3
09	00	3	0.3	5.5
			0.3	2.2
	06	3	0.3	5.7
			0.3	2.3
	12	3	0.3	5.8
			0.3	2.5
	18	3	0.3	6.0
			0.3	2.5
10	00	3	0.3	5.7
			0.3	2.1
	06	3	0.3	5.6
			0.3	2.2
	12	3	0.3	5.9
			0.3	2.4
	18	3	0.3	5.5
			0.3	2.6

MARCH, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
11	00	3	0.3	5.6	18	00	3	0.3	4.9
			0.3	2.7				0.2	1.8
	06	3	0.3	5.4	18	06	3	0.3	5.1
			0.3	1.8				0.2	1.9
	12	3	0.3	5.6	18	12	3	0.3	5.1
			0.2	1.8				0.2	2.1
	18	3	0.3	5.7	18	18	3	0.3	5.3
			0.2	2.0				0.3	2.5
12	00	3	0.3	5.8	19	00	3	0.3	5.6
			0.2	2.0				0.3	2.9
	06	3	0.3	5.5	19	06	3	0.3	5.7
			0.2	2.1				0.3	2.8
	12	3	0.3	5.5	19	12	3	0.3	5.5
			0.3	2.3				0.3	2.8
	18	3	0.3	5.5	19	18	3	0.3	5.7
			0.2	2.1				0.3	2.5
13	00	3	0.4	5.8	20	00	3	0.3	5.8
			0.3	2.3				0.3	2.6
	06	3	0.3	5.6	20	06	3	0.3	6.0
			0.3	2.5				0.2	1.7
	12	3	0.3	5.6	20	12	3	0.3	6.9
			0.3	2.3				0.2	1.8
	18	3	0.3	5.6	20	18	3	0.3	6.8
			0.3	2.2				0.2	1.8
14	00	3	0.3	5.4	21	00	3	0.3	6.2
			0.3	2.2				0.2	2.0
	06	3	0.3	5.3	21	06	3	0.3	6.0
			0.3	2.3				0.2	2.1
	12	3	0.3	5.6	21	12	3	0.3	6.1
			0.3	2.2				0.2	1.8
	18	3	0.3	5.4	21	18	3	0.3	5.9
			0.3	2.2				0.3	1.9
15	00	3	0.3	5.4	22	00	3	0.3	6.0
			0.3	2.2				0.2	1.9
	06	3	0.3	5.3	22	06	3	0.3	5.5
			0.3	2.2				0.2	1.9
	12		Shock in Progress		22	12	3	0.3	5.3
	18	3	0.3	5.3				0.3	2.0
			0.3	2.3		18		Shock in Progress	
16	00	3	0.3	5.5	23	00	3	0.3	5.6
			0.2	2.1				0.3	2.3
	06	3	0.3	5.5	23	06	3	0.3	5.4
			0.2	2.0				0.3	2.4
	12	3	0.3	5.8	23	12	3	0.3	5.7
			0.2	1.9				0.3	2.3
	18	3	0.3	5.8	23	18	3	0.3	5.6
			0.2	1.9				0.3	2.1
17	00	3	0.3	5.1	24	00	3	0.3	5.6
			0.2	1.9				0.3	2.1
	06	3	0.3	5.1	24	06	3	0.3	5.8
			0.2	1.9				0.3	2.4
	12	3	0.3	4.9	24	12	3	0.4	6.2
			0.2	1.7				0.3	2.4
	18	3	0.3	4.9	24	18	3	0.3	6.4
			0.2	1.9				0.3	2.6
								0.2	1.6

MARCH, 1969

- 32 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOMBAY					STATION : CALCUTTA				
25	00	3	0.3	6.3	01	00	3	0.3	4.1
			0.3	2.5		06	3	0.3	4.0
	06	3	0.3	7.3		12	3	0.3	4.1
			0.3	2.6		18	3	0.4	4.0
	12	3	0.3	7.0	02	00	3	0.4	4.1
			0.3	2.5		06	3	0.3	4.2
	18	3	0.3	6.9		12	3	0.3	4.1
			0.5	2.7		18	3	0.3	4.2
			0.2	1.9					
26	00	3	0.3	6.7	03	00	3	0.4	4.0
			0.5	2.7		06	3	0.3	4.2
	06	3	0.3	6.4		12	3	0.3	4.1
			0.3	2.8		18	3	0.3	4.0
	12	3	0.3	6.5	04	00	3	0.3	4.0
			0.3	2.7		06	3	0.2	4.4
	18	3	0.3	6.2		12	3	0.3	4.1
			0.3	2.4		18	3	0.3	4.0
			0.2	1.9					
27	00	3	0.5	2.8	05	00	3	0.3	4.1
	06	2	0.3	2.7		06	3	0.4	4.0
	12	2	0.3	2.7		12	3	0.4	3.9
	18	3	0.3	2.5		18	3	0.3	4.1
			0.2	1.9					
28	00	2	0.3	2.5	06	00	3	0.3	4.0
	06	2	0.5	2.7		06	3	0.3	4.0
	12	2	0.3	2.8		12	3	0.3	4.0
	18	2	0.3	2.6		18	3	0.4	4.0
29	00	3	0.3	5.7	07	00	3	0.3	4.0
			0.3	2.5		06	3	0.3	4.0
	06	3	0.3	6.2		12	3	0.3	4.0
			0.3	2.6		18	3	0.3	4.0
	12	Shock in Progress			08	00	3	0.3	4.1
	18	3	0.3	2.5		06	3	0.4	4.0
			0.3	1.4		12	...		
						18	3	0.3	4.1
30	00	3	0.3	6.0	09	00	3	0.3	4.2
			0.3	2.8		06	3	0.2	4.3
	06	3	0.3	2.7		12	3	0.2	4.3
	12	3	0.3	5.6		18	3	0.3	4.1
			0.3	2.6					
	18	3	0.3	5.6	10	00	3	0.3	4.1
			0.3	2.6		06	3	0.3	4.0
						12	3	0.2	4.3
						18	3	0.3	4.1
31	00	3	0.3	5.3	11	00	3	0.3	4.0
			0.3	2.2		06	3	0.4	4.0
	06	3	0.3	5.5		12	3	0.3	4.0
			0.3	2.5		18	3	0.3	4.0
	12	3	0.3	5.5					
			0.3	2.2	12	00	3	0.3	4.0
			0.2	1.8		06	3	0.3	4.0
	18	3	0.3	5.8		12	3	0.4	4.0
			0.5	1.8		18	3	0.4	4.0

MARCH, 1969

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period sec.
13	00	3	0.4	4.0	26	00	3	0.3	4.1
	06	3	0.3	4.0		05	3	0.3	4.0
	12	3	0.4	4.0		12	3	0.3	4.0
	18	3	0.4	4.0		18	3	0.3	4.0
14	00	3	0.3	4.0	27	00	3	0.3	4.2
	06	3	0.3	4.0		06	3	0.3	4.2
	12	3	0.3	4.0		12	3	0.3	4.2
	18	3	0.4	4.0		18	3	0.3	4.0
15	00	3	0.4	4.0	28	00	3	0.3	3.9
	06	3	0.2	4.4		06	3	0.3	4.0
	12	...				12	3	0.3	4.0
	18	3	0.3	4.0		18	3	0.3	4.1
16	00	3	0.3	4.0	29	00	3	0.3	4.0
	06	3	0.3	4.0		06	3	0.2	4.4
	12	3	0.3	4.0		12	...	Shock	
	18	3	0.3	4.0		18	3	0.3	4.1
17	00	3	0.3	4.0	30	00	3	0.3	4.0
	06	3	0.3	4.0		06	3	0.3	4.0
	12	3	0.3	4.0		12	...		
	18	1	0.9	2.8		18	3	0.3	4.0
18	00	1	1.0	2.6	31	00	3	0.3	4.0
	06	1	0.9	1.8		06	3	0.3	4.0
	12	3	0.4	3.7		12	3	0.3	4.0
	18	3	0.4	3.8		18	3	0.3	4.0
19	00	3	0.3	3.9	STATION : GOA- N.S.				
	06	...			01	00	3	0.2	3.9
	12	...				06	3	0.5	3.0
	18	3	0.3	4.0		12	3	0.4	3.0
20	00	3	0.3	4.0		18	3	0.5	2.8
	06	3	0.2	4.3	02	00	3	0.5	3.2
	12	3	0.3	4.1		06	...	-	-
	18	1	0.5	3.0		12	3	0.5	4.0
21	00	1	0.9	2.8		18	3	0.5	3.2
	06	1	0.9	3.0	03	00	3	0.6	3.8
	12	1	1.0	2.8		06	3	0.5	3.2
	18	1	0.8	3.1		12	3	0.5	3.4
22	00	3	0.4	3.7		18	3	0.5	3.6
	06	3	0.3	4.0	04	00	3	0.5	3.2
	12	3	0.3	4.0		06	...	-	-
	18	...				12	...	-	-
23	00	3	0.3	4.2		18	3	0.5	3.2
	06	3	0.3	4.0	05	00	3	0.5	3.4
	12	3	0.3	4.0		06	3	0.6	4.0
	18	3	0.3	4.0		12	3	0.5	4.0
24	00	3	0.3	4.1		18	3	0.5	3.8
	06	3	0.3	4.1	06	00	3	0.7	4.0
	12					06	3	0.4	3.8
	18	3	0.3	4.0		12	...	-	-
25	00	3	0.2	4.2		18	3	0.5	4.0
	06	3	0.2	4.2	07	00	3	0.5	3.2
	12	3	0.3	4.0		06	3	0.5	3.2
	18	3	0.3	4.0		12	3	0.4	3.2
						18	3	0.5	3.0

MARCH, 1969

- 34 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : GOA N.S.				
08	00	3	0.4	3.0
	06	3	0.5	3.0
	12	3	0.4	2.8
	18	3	0.5	3.0
09	00	3	0.4	2.8
	06	3	0.4	3.0
	12	3	0.4	3.0
	18	3	0.5	3.0
10	00	3	0.5	3.0
	06	...	-	-
	12	3	0.4	3.0
	18	3	0.4	3.0
11	00	3	0.4	3.2
	06	3	0.5	3.0
	12	3	0.5	3.4
	18	3	0.5	3.6
12	00	3	0.5	3.4
	06	...	-	-
	12	3	0.5	3.4
	18	3	0.4	3.2
13	00	3	0.5	3.8
	06	3	0.5	3.8
	12	3	0.5	4.0
	18	3	0.6	3.4
14	00	3	0.5	3.4
	06	...	-	-
	12	...	-	-
	18	...	-	-
15	00	...	-	-
	06	3	0.5	3.6
	12	...	-	-
	18	3	0.5	3.4
16	00	3	0.5	3.2
	06	3	0.5	3.4
	12	3	0.5	3.6
	18	3	0.5	3.6
17	00	3	0.5	3.0
	06	3	0.4	2.8
	12	3	0.5	3.0
	18	3	0.5	3.0
18	00	3	0.5	3.4
	06	3	0.5	3.0
	12	3	0.5	3.0
	18	3	0.5	3.4
19	00	3	0.6	4.0
	06	3	0.5	3.4
	12	3	0.5	3.4
	18	3	0.6	3.4
20	00	3	0.5	3.0
	06	3	0.5	3.4

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : GOA N.S.				
Contd:	12	3	0.6	3.4
	18	...	-	-
21	00	3	0.5	3.2
	06	3	0.5	3.0
	12	...	-	-
	18	3	0.5	3.2
22	00	3	0.5	3.2
	06	3	0.6	3.2
	12	3	0.7	4.2
	18	...	-	-
23	00	3	0.6	3.8
	06	3	0.6	4.0
	12	3	0.6	4.0
	18	3	0.6	3.6
24	00	3	0.6	3.2
	06	...	-	-
	12	3	0.5	3.2
	18	3	0.5	3.0
25	00	3	0.5	3.0
	06	3	0.6	3.4
	12	3	0.5	3.2
	18	3	0.6	3.2
26	00	3	0.6	3.4
	06	3	0.7	3.2
	12	3	0.6	3.4
	18	3	0.5	3.2
27	00	3	0.6	3.2
	06	...	-	-
	12	3	0.6	3.2
	18	3	0.5	3.0
28	00	3	0.5	3.0
	06	3	0.5	3.2
	12	3	0.6	3.4
	18	3	0.5	3.4
29	00	3	0.6	3.2
	06	3	0.5	3.4
	12	...	-	-
	18	3	0.5	3.0
30	00	3	0.5	3.2
	06	...	-	-
	12	3	0.6	3.4
	18	3	0.0	3.4
31	00	3	0.5	3.2
	06	3	0.5	3.2
	12	3	0.5	3.6
	18	3	0.5	3.4
STATION : MADRAS				
01	00	2	0.3	5.3
	03	...	No record	
	06	...	No. record	
	12	2	0.3	5.0
	18	2	0.3	5.1

MARCH, 1969

- 35 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
02	00	2	0.3	5.0					
	03	2	0.3	4.9		03	2	0.3	5.3
	06	2	0.3	5.0		06	2	0.3	5.2
	12	2	0.3	5.1		12	2	0.3	5.2
	18	2	0.3	5.0		18	2	0.3	5.4
03	00	2	0.3	5.1	13	00	2	0.4	5.3
	03	2	0.3	5.3		03	2	0.4	5.4
	06	2	0.3	5.2		06	2	0.3	5.4
	12	2	0.2	5.3		12	2	0.3	5.3
	18	2	0.2	5.1		18	2	0.3	5.2
04	00	2	0.3	5.1	14	00	2	0.3	5.2
	03	2	0.2	5.0		03	2	0.3	5.1
	06	2	0.2	5.0		06	2	0.3	5.1
	12	2	0.2	5.0		12	2	0.3	5.3
	18	2	0.2	5.2		18	2	0.3	5.5
05	00	2	0.3	5.2	15	00	2	0.2	5.1
	03	2	0.2	5.3		03	2	0.3	5.2
	06	2	0.3	5.3		06	2	0.3	5.3
	12	2	0.3	5.3		12	...	Earth quake	
	18	2	0.3	5.4		18	2	0.3	5.6
06	00	2	0.3	5.4	16	00	2	0.3	5.4
	03	2	0.3	5.5		03	2	0.3	5.2
	06	2	0.3	5.3		06	2	0.3	5.2
	12	2	0.3	5.3		12	2	0.3	5.1
	18	2	0.3	5.5		18	2	0.2	5.1
07	00	2	0.3	5.4	17	00	2	0.2	5.2
	03	2	0.3	5.3		03	2	0.2	5.1
	06	2	0.3	5.2		06	2	0.2	4.7
	12	2	0.2	5.5		12	2	0.2	4.7
	18	2	0.2	5.5		18	2	0.3	5.1
08	00	2	0.2	5.6	18	00	2	0.2	5.0
	03	2	0.2	5.2		03	2	0.2	5.0
	06	2	0.2	5.1		"	2	0.1	3.0
	12	...	Earth quake			06	2	0.1	3.0
	18	2	0.2	5.7		12	2	0.1	3.0
						18	2	0.1	3.0
09	00	2	0.2	5.1	19	00	2	0.1	3.0
	03	2	0.2	5.1		03	2	0.2	5.0
	06	2	0.2	5.1		06	2	0.2	5.3
	12	2	0.2	5.3		12	2	0.2	6.2
	18	2	0.2	5.7		18	2	0.2	6.2
10	00	2	0.2	5.5	20	00	2	0.2	6.1
	03	2	0.2	5.2		03	2	0.2	5.3
	06	2	0.2	5.1		06	2	0.2	5.4
	12	2	0.2	5.3		12	2	0.2	5.3
	18	2	0.2	5.3		18	2	0.2	5.4
11	00	2	0.3	5.4	21	00	2	0.3	5.5
	03	2	0.3	5.3		03	2	0.3	5.4
	06	2	0.2	5.3		06	2	0.2	5.5
	12	2	0.2	5.2		12	2	0.2	5.5
	18	2	0.3	5.3		18	2	0.2	5.3
12	00	2	0.3	5.3	22	00	2	0.2	4.9

- 36 -

MARCH, 1969

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd	03	2	0.2	4.9	STATION : PORT BLAIR				
	06	2	0.2	5.1					
	12	2	0.3	5.1					
	18	...	Earth quake						
23	00	2	0.3	5.0					
	03	2	0.3	4.7					
	06	2	0.3	4.6					
	12	2	0.3	4.9					
	18	2	0.2	4.5					
24	00	2	0.2	4.5					
	03	2	0.2	4.7					
	06	2	0.2	4.9					
	12	2	0.2	4.9					
	18	2	0.3	7.1					
25	00	2	0.3	7.3					
	03	2	0.3	6.9					
	06	2	0.2	6.1					
	12	2	0.2	3.6					
	18	2	0.3	3.1					
26	00	2	0.2	3.2					
	03	2	0.3	3.3					
	06	2	0.2	3.1					
	12	2	0.3	3.2					
	18	2	0.2	3.2					
27	00	2	0.2	3.2					
	03	2	0.2	3.4					
	06	2	0.3	3.4					
	12	2	0.2	3.1					
	18	2	0.3	3.5					
28	00	2	0.2	3.0					
	03	...	Earthquake-						
	06	2	0.2	3.1					
	12	2	0.2	3.4					
	18	2	0.2	3.6					
29	00	2	0.2	4.1					
	03	2	0.2	4.1					
	06	2	0.2	4.7					
	12	...	Earth quake						
	18	2	0.2	4.9					
30	00	2	0.2	5.0					
	03	2	0.2	4.6					
	06	2	0.2	5.1					
	12	2	0.3	5.6					
	18	2	0.2	4.9					
31	00	2	0.2	5.0					
	03	2	0.2	5.2					
	06	2	0.2	5.2					
	12	2	0.2	5.5					
	18	2	0.2	5.6					
	01	00	3	1.6	7.0				
		06	3	1.6	7.0				
		12	3	1.6	7.0				
		18	3	1.6	7.0				
	02	00	3	2.0	7.0				
		06	3	2.0	7.0				
		12	3	2.0	7.0				
		18	3	2.0	7.0				
	03	00	3	2.0	7.0				
		06	3	2.0	7.0				
		12	3	2.0	7.0				
		18	3	2.0	7.0				
	04	00	3	2.0	7.0				
		06	3	1.6	6.0				
		12	3	1.6	6.0				
		18	3	1.6	6.0				
	05	00	3	1.6	6.0				
		06	3	1.2	6.0				
		12	3	1.2	7.0				
		18	3	1.2	6.0				
	06	00	3	1.2	7.0				
		06	3	1.2	7.0				
		12	3	1.2	7.0				
		18	3	1.2	7.0				
	07	00	3	1.2	7.0				
		06	...	-	-				
		12	3	1.2	5.0				
		18	3	1.2	5.0				
	08	00	3	1.2	5.0				
		06	3	1.2	5.0				
		12	...	-	-				
		18	3	1.2	5.0				
	09	00	3	0.8	7.0				
		06	3	1.2	5.0				
		12	3	0.8	5.0				
				1.2	7.0				
		18	3	0.8	5.0				
				1.2	7.0				
	10	00	3	0.8	7.0				
		06	...	-	-				
		12	3	1.2	7.0				
		18	3	1.2	7.0				
	11	00	3	1.2	7.0				
		06	3	1.2	5.0				
		12	3	1.2	5.0				
		18	3	1.2	5.0				
	12	00	3	1.2	5.0				
		06	3	1.2	5.0				
		12	3	1.2	5.0				
		18	3	1.6	5.0				

MARCH, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
13	00	3	1.6	5.0	25	00	3	0.8	8.0
	06	3	1.6	5.0		06	3	1.6	7.0
	12	3	1.6	5.0		12	3	1.6	7.0
	18	3	1.6	5.0		18	3	2.0	7.0
14	00	3	1.6	5.0	26	00	3	2.0	7.0
	06	3	1.2	5.0		06	3	1.6	7.0
	12	3	1.2	5.0		12	...	-	-
	18	3	1.2	5.0		18	...	-	-
15	00	3	1.2	5.0	27	00	...	-	-
	06	3	1.2	5.0		06	3	1.6	7.0
	12	...	-	-		12	3	1.2	7.0
	18	3	1.2	5.0		18	3	1.2	7.0
16	00	3	1.2	5.0	28	00	3	1.2	7.0
	06	...	-	-		06	3	1.6	6.0
	12	3	0.8	5.0		12	3	1.2	6.0
			1.2	7.0		18	3	1.2	6.0
	18	3	0.8	5.0	29	00	...	-	-
			1.2	7.0		06	3	1.2	7.0
17	00	3	0.8	5.0		12	...	-	-
	06	3	0.8	5.0		18	3	1.2	7.0
	12	3	0.8	5.0	30	00	3	1.2	5.0
	18	3	0.8	5.0		06	3	1.2	5.0
18	00	3	0.8	5.0		12	3	1.2	6.0
	06	3	0.8	5.0		18	3	1.2	6.0
	12	3	0.8	5.0	31	00	3	1.2	7.0
	18	3	0.8	5.0		06	3	1.2	7.0
19	00	3	0.8	7.0		12	3	1.2	7.0
	06	3	1.2	7.0		18	3	1.2	7.0
	12	3	1.6	7.0	STATION : SHILLONG				
	18	3	1.6	7.0	01	00	2	0.2	4.0
20	00	3	1.6	7.0		06	2	0.2	4.0
	06	3	2.0	7.0		12	2	0.2	4.0
	12	3	2.0	7.0		18	2	0.2	4.0
	18	3	2.0	7.0	02	00	2	0.2	4.0
21	00	3	1.6	7.0		06	2	0.2	4.0
	06	3	1.6	7.0		12	2	0.2	4.0
	12	3	1.6	7.0		18	2	0.2	4.0
	18	3	1.6	7.0	03	00	2	0.2	4.0
22	00	3	1.6	7.0		06	2	0.2	4.0
	06	3	1.2	7.0		12	2	0.2	4.0
	12	3	1.2	7.0		18	2	0.2	4.0
	18	...	-	-	04	00	2	0.2	4.0
23	00	3	2.0	3.0		06	2	0.2	4.0
	06	3	2.0	3.0		12	2	0.2	4.0
	12	3	1.6	3.0		18	2	0.2	4.0
	18	3	1.2	3.0	05	00	2	0.2	4.0
24	00	3	1.2	3.0		06	2	0.2	4.0
	06	3	0.8	6.0		12	2	0.2	4.0
	12	3	0.8	6.0		18	...	-	-
	18	3	0.8	7.0					

MARCH, 1969

- 38 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION: SHILLONG				
06	00	2	0.2	4.0
	06	2	0.2	4.0
	12	2	0.2	4.0
	18	...	-	-
07	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
08	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
09	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
10	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
11	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
12	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
13	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
14	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
15	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
16	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
17	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : SHILLONG				
18	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
19	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
20	00	3	0.2	4.0
	06	...	-	-
	12	3	0.2	4.0
	18	3	0.2	4.0
21	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
22	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	28	3	0.2	4.0
23	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
24	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
25	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
26	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
27	00	...	-	-
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
28	00	...	-	-
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	...	-	-
29	00	...	-	-
	06	...	-	-
	12	3	0.2	4.0
	18	3	0.2	4.0

MARCH, 1969

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : SHILLONG					STATION : TRIVANDRUM				
30	00	3	0.2	4.0	11	00	2	0.4	3.3
	06	0,0	-	-		06	2	0.4	3.2
	12	0,0	-	-		12	2	0.3	3.3
	18	0,0	-	-		18	2	0.3	3.1
31	00	0,0	-	-	12	00	2	0.3	3.2
	06	...	-	-		06	2	0.3	3.0
	12	3	0.2	4.0		12	2	0.2	2.8
	18	3	0.2	4.0		18	2	0.2	2.5
STATION : TRIVANDRUM					13	00	2	0.2	2.6
01	00	2	0.2	3.2		06	2	0.2	2.6
	06	2	0.2	3.0		12	2	0.2	2.6
	12	2	0.2	3.2		18	2	0.2	3.0
	18	2	0.3	3.4	14	00	2	0.2	2.7
02	00	2	0.3	3.4		06	0,0		
	06	2	0.2	3.1		12	0,0		
	12	2	0.2	3.2		18	0,0		Minute
	18	2	0.2	2.6	15	00	0,0		Minute
03	00	2	0.2	2.5		06	9,0		Minute
	06	...	Power failure			12	...		Earth quake
	12	2	0.2	2.5		18	0,0		Minute
	18	2	0.3	2.6	16	00	2	0.2	2.6
04	00	2	0.3	2.5		06	2	0.2	2.5
	06	2	0.2	2.5		12	2	0.2	2.6
	12	2	0.2	2.5		18	2	0.3	2.2
	18	2	0.4	2.5	17	00	2	0.2	2.4
05	00	2	0.3	2.6		06	2	0.2	2.6
	06	2	0.3	2.7		12	2	0.2	2.5
	12	2	0.3	2.6		18	2	0.2	2.4
	18	2	0.4	2.6	18	00	2	0.3	2.7
06	00	2	0.2	2.4		06	2	0.3	3.1
	06	2	0.2	2.3		12	2	0.4	3.0
	12	2	0.2	2.2		18	2	0.4	3.2
	18	2	0.4	2.2	19	00	2	0.4	3.1
07	00	2	0.3	2.5		06	2	0.3	3.2
	06	2	0.3	2.5		12	2	0.3	2.9
	12	2	0.3	2.4		18	2	0.3	2.9
	18	2	0.4	2.6	20	00	2	0.2	2.9
08	00	2	0.4	2.6		06	2	0.2	3.0
	06	2	0.3	2.5		12	2	0.2	2.7
	12	...	Earth quake			18	2	0.2	2.6
	18	2	0.2	2.4	21	00	2	0.2	3.0
09	00	2	0.3	2.7		06	2	0.3	3.1
	06	2	0.3	2.5		12	2	0.3	2.9
	12	2	0.3	2.8		18	2	0.3	3.1
	18	2	0.4	2.8	22	00	2	0.2	3.2
10	00	2	0.4	3.2		06	...	Power failure	
	06	2	0.5	3.2		12	2,	0.2	2.8
	12	2	0.4	3.2		18	...	Earth quake	
	18	2	0.3	3.0	23	00	2	0.3	2.8
						06	2	0.3	3.1
						12	2	0.2	2.9
						18	2	0.2	2.9

- 40 -

MARCH, 1969

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : TRIVANDRUM				
24	00	0,0		
	06	0,0		
	12	0,0	Minute	
	18	0,0		
25	00	3	0.4	6.2
	06	2	0.2	3.2
	12	2	0.2	3.0
	18	2	0.2	2.9
26	00	2	0.3	3.1
	06	2	0.4	3.3
	12	2	0.4	3.3
	18	2	0.4	3.7
27	00	2	0.4	3.4
	06	2	0.4	3.3
	12	2	0.4	3.5
	18	2	0.4	3.6
28	00	2	0.4	3.6
	06	2	0.4	3.7
	12	2	0.4	3.7
	18	2	0.5	3.5
29	00	2	0.4	3.3
	06	2	0.3	3.1
	12	...	Surface waves	
	18	2	0.3	3.3
30	00	2	0.3	3.4
	06	...	Pawer failure	
	12	2	0.2	2.9
	18	2	0.2	2.4
31	00	0,0		
	06	0,0	Minute	
	12	0,0		
	18	3	0.3	6.0
STATION : VISAKHAPATANAM				
01	00	2	0.5	5.0
	06	2	0.5	5.0
	12	2	0.5	5.0
	18	2	0.5	5.0
02	00	2	0.5	5.0
	06	2	0.5	5.0
	12	2	0.5	5.0
	18	2	0.5	5.0
03	00	2	0.5	5.0
	06	2	0.6	4.6
	12	2	0.5	5.0
	18	2	0.5	5.4
04	00	2	0.4	4.6
	06	2	0.5	5.0
	12	2	0.5	5.0
	18	2	0.5	5.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : VISAKHAPATNAM				
05	00	2	0.5	5.0
	06	2,	0.6	5.0
	12	2	0.7	5.5
	18	2	0.5	5.0
06	00	2	0.5	4.8
	06	2	0.6	5.0
	12	2	0.6	5.0
	18	2	0.6	5.0
07	00	2	0.5	5.0
	06	2	0.6	5.0
	12	2	0.6	5.0
	18	2	0.6	5.0
08	00	2	0.6	5.0
	06	2	0.6	5.0
	12	1	0.2	2.0
	18	1	0.2	2.0
09	00	1	0.2	2.0
	06	2	0.4	4.6
	12	2	0.4	4.6
	18	2	0.4	4.6
10	00	2	0.4	4.6
	06	2	0.5	5.5
	12	2	0.5	5.5
	18	2	0.5	5.0
11	00	2	0.5	5.5
	06	2	0.6	5.0
	12	2	0.7	5.5
	18	2	0.7	5.5
12	00	2	0.6	5.5
	06	2	0.6	5.0
	12	2	0.5	5.2
	18	2	0.6	5.5
13	00	2	0.7	5.8
	06	2	0.5	5.0
	12	2	0.7	5.5
	18	2	0.6	5.5
14	00	2	0.5	5.0
	06	2	0.5	5.0
	12	2	0.5	5.0
	18	2	0.5	5.0
15	00	2	0.5	5.0
	06	2	0.5	5.0
	12	...	Earth quake inProgress	
	18	2	0.5	5.0
16	00	2	0.5	5.0
	06	1	0.2	2.0
	12	1	0.2	2.0
	18	1	0.2	2.0
17	00	1	0.2	2.0
	06	1	0.2	2.0

MARCH, 1969

- 1 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : VISAKHAPATANM				
Contd	12	1	0.2	2.0
	18	1	0.2	2.0
18	00	1	0.2	2.0
	06	1	0.3	2.3
	12	1	0.2	2.2
	18	1	0.3	2.5
19	00	1	0.3	2.5
	06	1	0.3	2.5
	12	1	0.3	2.5
	18	1	0.3	2.5
20	00	1	0.3	2.5
	06	1	0.3	2.0
	12	1	0.3	2.0
	18	1	0.3	2.0
21	00	1	0.3	2.0
	06	1	0.4	2.8
	12	1	0.5	3.0
	18	1	0.5	3.0
22	00	1	0.5	3.0
	06	1	0.3	2.0
	12	1	0.3	2.0
	18	1	0.3	2.0
23	00	1	0.3	2.0
	06	2	0.5	5.0
	12	2	0.5	5.0
	18	2	0.4	5.0
24	00	2	0.4	5.0
	06	2	0.5	4.6
	12	2	0.4	4.6
	18	2	0.5	5.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : VISAKHAPATNAM				
25	00	2	0.4	4.6
	06	2	0.4	4.6
	12	2	0.4	4.6
	18	2	0.4	4.6
26	00	2	0.4	4.6
	06	2	0.5	4.6
	12	2	0.5	4.6
	18	2	0.5	4.6
27	00	2	0.5	4.6
	06	...	Earth quake - in progr	
	12	2	0.4	4.8
	18	2	0.4	4.8
28	00	2	0.4	4.6
	06	2	0.4	4.6
	12	2	0.4	4.2
	18	2	0.4	4.8
29	00	2	0.4	4.6
	06	2	0.6	5.2
	12	Earthquake in Progress		
	18	2	0.5	4.8
30	00	2	0.4	4.6
	06	2	0.4	4.5
	12	2	0.4	4.6
	18	2	0.4	4.4
31	00	2	0.5	5.0
	06	2	0.5	5.0
	12	2	0.4	4.8
	18	2	0.5	5.0

/Verma

MARCH, 1969

-1-

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN	MEAN	Amplitude	Period	MEAN	MEAN	Amplitude	Period
			in mm.	in sec.	in mm.	in sec.	in mm.	in sec.	in mm.	in sec.
STATION : VISAKHAPATNAM										
18	00	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
18	00	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
18	12	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
18	18	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
19	00	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
19	06	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
19	12	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
19	18	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
20	00	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
20	06	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
20	12	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
20	18	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
21	00	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
21	06	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
21	12	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
21	18	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
22	00	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
22	06	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
22	12	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
22	18	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
23	00	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
23	06	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
23	12	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
23	18	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
24	00	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
24	06	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
24	12	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0
24	18	1	0.2	2.0	0.2	2.0	0.2	2.0	0.2	2.0

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INDIA METEOROLOGICAL DEPARTMENT

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Dr. P. KOTESWARAM

DIRECTOR GENERAL OF OBSERVATORIES

APRIL, 1969

- 3 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
-----					-----				
03	CHA	iP	00 10 00	D		BOK	c	15 11 52	
03	SHL	cP	00 52 52			MDR	cP	15 11 53	53.3
03	EPC: 41.2,N, 79.2E - H = 02h 52m 450.9(USCGS) KIRGIZ-SINKIANG BORDER REGION Depth = 40 Kms. Mag. = 4.5 (CGS)						cS	19 20	
	NDI	cP	02 55 50	12.3		POO	cP	15 12 45	
		cS	58 10			BOM	cP	15 12 53	CW
	CHA	iP	02 56 38	D	03	POO	iPg	16 18 46.3	D 1.3
	SHL	cP	02 57 05				cSg	19 04	
	POO	cP	02 58 04			BOM	iPn	16 18 56	D 1.8
03	EPC: 7.2S, 128.9E - H = 04h 08m 25.2s(USCGS) BANDA SEA, Depth = 107 Km Mag. = 4.9 (CGS)					03	POO	cPg	16 35 42
	SHL	iP	04 17 00	CNW	03	POO	iPg	17 17 07.0	D 1.3
	CHA	iP	04 17 32	C			cSg	17 24	
	NDI	cP	04 17 52				cSn	17 26	
		i	18 30			BOM	cPn	17 17 17	1.8
	POO	c	04 18 20				cSn	17 41	
03	BOM	c	06 02 52		03	SHL	cP	18 01 58	
03	POO	cPg	07 52 57		03	POO	cPg	18 13 39.5	
03	SHL	cP	11 02 23		03	EPC: 3.8N, 128.1E - H 19h 20m 46.7s(USCGS) NORTH OF HALMAHARA Depth = 80, Mag. = 5.2(CGS)			
03	CHA	iPg	14 02 56.9C	1.7		SHL	cP	19 28 22	DE
		Sg	03 18.7			CHA	cP	19 29 00	D
03	EPC: 6.5S, 130.5E - H = 15h 02m 25.1s(USCGS) BANDA SEA, Depth = 40 Km Mag. = 5.2(CGS)						NDI	cP	19 30 05
	SHL	cP	15 11 21	CNW		POO	cP	19 30 11	
	VIS	cP	15 11 46		03	BOM	c	19 34 59	
	CHA	cP	15 11 51	C	03	NDI	cP	21 16 48	
					03	SHL	cP	22 07 02	
					03	SHL	iP	22 17 28	C
					03	EPC: 40.7N, 19.9E - H = 22h 12m 23.8s(USCGS) ALBANIA, ONE KILLED.65			

APRIL, 1969

- 4 -

 DATE STN PHASE H. M. S.

 Δ
 Deg.

 DATE STN PHASE H. M. S.

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 Deg.

INJURED AND CONSIDERABLE DAMAGE IN SOUTHERN ALBANIA Depth = N, Mag. 5.1 MS = 5.5 (CGS)					SHL cP	08 55 59	DNE
					CHA cP	08 56 12	D 67.2
					c	09 05 07	
	NDI cP	22 20 57	47.4		BOK cP	08 56 33	DE 70.6
	cS	27 49			c	09 05 43	
	POO cP	22 21 22			NDI cP	08 56 40	DN 72.0
					cS	09 06 02	
	CHA cP	22 22 00	D		POO cP	08 57 35.3	DNE 81.5
	i	22 12			cS	09 07 48	
	BOK c	22 22 18			MDR cP	08 57 37	
	BOM cP	22 23 17	50.0		BOM iP	08 57 37	82.0
	cS	28 24			iS	09 07 49	
03	POO cPg	23 43 01.4	1.3		NDI cP	09 16 29	9.6
	cSg	43 18		04	iS	18 19	
	BOM iPri	23 43 11	C 1.8		NDI cP	11 25 25	8.5
	cSn	43 34		04	iS	27 02	
03	SHL iP	23 48 08	C		POO cPg	12 00 04	
	CHA iP	23 48 45	D	04	NDI cP	12 26 07	
03	CHA iP	23 54 48	D	04	NDI iP	12 40 48	C
03	NDI cP	23 58 19		04	POO cPg	12 57 28	
04	SHL iP	02 56 10	CNW	04	NDI cP	13 18 02	
04	SHL iP	03 01 56		04	POO c	13 18 18	
04	NDI cP	04 32 48		04	EPC: 22.9N, 120.0E - H = 13h 56m 03.2s(USCGS) TAIWAN Depth = 46 Km. Mag. 5.2(CGS)		
04	BHK cP	04 53 20			SHL cP	14 01 29	
	NDI cP	04 53 45			BOK c	14 02 30	
	i	55 06			CHA cP	14 02 40	
04	POO c	04 56 04			NDI cP	14 03 24	
04	BHK cP	08 52 30.6			MDR cP	14 03 26	
04	EPC: 51.2N, 173.7E - H = 08h 45m 18.7s(USCGS) NEAR ISLANDS, ALFUTIAN ISLANDS, DEPTH= N, Mag. 5.6 (CGS), MS 5.3, 4.3(BRK)				POO cP	14 04 00	

-----					-----					
DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
-----					-----					
04	BOM	iP	14 04 18	CW	04	CHA	eP	23 07 50	C	
contd.					contd.					
04	CAL	e	14 07 02			BOK	eP	23 08 11		
04	NDI	i	14 10 32			NDI	eP	23 08 17		
04	NDI	i	14 14 33			PBA	eP	23 08 44	C	
04	SHL	iP	14 16 21	C		POO	eP	23 09 15	CSW	
04	SHL	iP	16 19 35	CNW		BOM	eP	23 09 17	C	
	CHA	iP	16 20 05	D		MDR	eP	23 09 21	C	
04	SHL	eP	16 23 10							
04	CHA	eP	16 24 10		04	NDI	eP eS	23 58 00 59 38	8.5	
04	EPC: 24.4N, 109.8E - H = 16h 16m 17.2s(USCGS) GULF OF CALIFORNIA MINOR DAMAGE AT LAPAZ, MAXICO Depth = 31 Km, Mag. 5.6 Mag. 6-6½ (BRK)					05	NDI	eP	00 30 21	
	SHL	ePKP	16 35 18	D	05	EPC: 12.2N, 41.2E - H = 02h 18m 29.9s(USCGS) FELT, ETHIOPIA Depth = 17 Kms, Mag. 6.2(CGS) MS- 61, Mag. 6-6¼(PAS)				
	NDI	ePKP	16 35 20	C		BOM	eP PPP eS	02 24 53 26 08 30 00	31.5	
	POO	ePKP	16 35 39			GOA	eP eS	02 24 57 30 09	32.0	
04	NDI	eP i	18 52 12 52 52			POO	eP e	02 24 58.2 30 14		
04	SHL	eP	18 55 03			NDI	eP PP iS	02 25 42 27 08 31 32	37.1	
04	SHL	iP	20 11 53	DNE		BHK	eP	02 25 47.0		
04	CHA	iP	20 12 27	D		MDR	eP iS	02 25 51 31 46	DW 38.5	
04	NDI	i	20 13 33			VIS	eP ePP iS	02 26 16 27 54 32 34	DW 41.6	
04	CHA	iPg PP Pg SS	20 22 02.0 22 06.9 22 20.7 22 30.3	D 1.4		CHA	eP S	02 26 50 33 32	D 45.5	
04	EPC: 54.5N, 169.4E - H = 22h 57m 16.8s(USCGS) KOMAN DOR SKY ISLANDS REGION Depth 27 Kms., Mag. = 5.4(CGS)						CAL	eP eS SSS	02 27 01 33 45 38 11	W 46.5
	SHL	eP	23 07 38	CSW						

APRIL, 1969

- 6 -

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
05	SHL	iP	02	27	18	CSW 49.3	05	CHA	iP	13	06	58	C	
contd.	iS			34	24		05	CHA	iP	13	52	52	C	
	PBA	eP	20	27	31	D 50.1	05	NDI	e	16	22	54		
	iS			34	46		05	NDI	eP	17	58	29		
05	P00	ePg	03	20	-		05	NDI	ePn	18	55	32	2.3	
05	EPC: 3.4N, 125.4E - H = 03h 44m 36.7s(USCGS) TALAUD ISLANDS Depth = 150, Mag. 5.4(CGS)							05	NDI	eSn		56	01.5	
	SHL	iP	03	51	50	DSE	05	NDI	eP	20	21	48		
	MDR	e	03	53	23		05	SHL	iP	21	54	17	D	
	NDI	eP	03	53	31		CHA	iP	21	55	18.2	D	6.6	
	pP			54	11		PPP			55	31.7			
	P00	eP	03	53	35		P*			55	32.5			
							Pg			55	49.3			
							S			56	35.6			
							SS			56	46.2			
							SSS			56	57.5			
05	EPC: 3.4N, 128.7E - H = 04h 04m 10.8s(USCGS) NORTH OF HALMASHERA Depth = 55 Km. Mag.=5.3(CGS)							05	P00	ePg	23	23	15	
	SHL	eP	04	11	54	DE	05	EPC: 1.2N, 85.2W - H = 23h 26m 11.5s(USCGS) OFF COAST OF ECUADOR Depth = 31Km, Mag. 5.8(CGS) MS = 6.2(CGS)						
	MDR	eP	04	12	54		NDI	ePKP	23	45	50			
	NDI	eP	04	13	35		SHL	ePKP	23	46	01			
	P00	eP	04	13	40		CHA	ePKP	23	46	02			
	BOM	eP	04	13	48		P00	ePKP	23	46	03			
05	SHL	eP	05	00	53		BOM	ePKP	23	46	07			
05	BOM	e	07	05	46		BOK	ePKP	23	46	09			
05	P00	e	07	06	52		MDR	ePKP	23	46	12			
05	MDR	e	07	17	54		05	SHL	ePg	23	59	48	0.9	
05	BOK	e	09	12	45		eSg			59	59			
	i			13	28		06	MDR	e	00	11	14		
05	P00	ePg	09	41	37		06	NDI	ePg	02	46	04	0.85	
05	NDI	iP	12	09	41	D	eSg			46	15			

DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
06	MDR	eP	02 59 09		06	NDI	eP	14 13 19	12.7
06	NDI	iPn	03 09 49	DNE 7.8			iS	15 43	
		i	09 56		06	BOM	e	14 20 12	
		iSg	11 19		06	POO	ePg	15 27 40	
		ISh	11 21		06	EPC: 12.ON, 41.1E - H = 16h 51m 45.5E(USCGS) ETHIOPIA FELT Depth= 20Km, Mag. 5.2 MS= 5.4 (CGS)			
		i	11 45			NDI	eP	16 58 56	37.4
06	SHL	eP	03 12 33			BOM	eP	16 58 08	DW 31.8
06	POO	eP	03 41 27			eS	17 03 15		
06	Epc: 38.5N, 26.4E - H = 03h 49m 33.5s(USCGS) AFGEAN SEA Major damage in Karaburum Area, TURKEY, Felt on Chios, Greece Depth 14 Km., Mag. 5.5 MS= 5.5 (CGS)					POO	eP	16 58 10	
	NDI	eP	03 57 33	D		NDI	eP	16 58 56	37.4
	BOM	eP	03 57 48	DNW 44.3		pp	00 26		
	PP		59 33			eS	17 04 46		
	eS		04 04 23			MDR	eP	16 59 03	38.0
	POO	eP	03 57 55	DN 46.0		PP	17 00 36		
	eS		04 04 40			PPP	00 54		
	CHA	eP	03 58 31			eS	04 56		
	BOK	eP	03 58 44	DW 52.0		VIS	eP	16 59 30	41.4
	e		04 06 05			iS	17 05 42		
	VIS	eP	03 58 54	53.5		BOK	eP	16 59 51	43.0
	ePP		04 01 00			eS	17 06 22		
	i		06 27			CHA	eP	17 00 08	
	eSP		06 34			SHL	eP	17 00 32	C
	SPP		06 42		06	SHL	iP	17 05 39	DNW
06	MDR	eP	03 58 57		06	EPC: 50.3N, 91.2E - H = 19h 22m 39.4s(USCGS) USSR-MONGOLIA, BORDER REGION Depth = 31 Km. Mag. 4.8 (CGS)			
	SHL	eP	03 59 12	DN		CHA	eP	19 27 51	
	PBA	eP	04 00 12	D		NDI	eP	19 27 53	
06	SHL	eP	07 14 40			SHL	iP	19 27 59	CS
06	SHL	eP	07 33 21	D		POO	eP	19 29 26	
06	SHL	eP	08 10 05						
06	SHL	eP	09 56 30						
06	NDI	eP	11 44 54	8.2					
	eS		46 28						

APRIL, 1969

- 8 -

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
06	CHA	iP	20	27	23	C								
	LAPTEV SEA Depth = N, Mag. 5.5(CGS) MS = 5.5 (CGS)													
06	MDR	e	20	59	19			BHK	eP	20	35	26		
		e		59	59									
06	NDI	e	23	37	23			NDI	eP	20	35	53	54.0	
07	SHL	eP	02	47	13				PP		37	56		
07	NDI	eP	20	48	29				iS		43	25		
07	EPC: 4.4N, 127.9E - H = 03h 39m 47.7s(USCGS) TALAUD ISLANDS Depth = 70 Kms., Mag. 5.1(CGS)							CHA	eP	20	35	54	54.2	
									iS		43	29		
	SHL	eP	03	47	22	C		SHL	eP	20	35	55	DNW	
	BOK	eP	03	47	58	C	45.0	BOK	eP	20	36	12	D 58.0	
		eS		54	35				eS		45	37	64.2	
	MDR	eP	03	48	23		47.2	BOM	eP	20	37	04	64.3	
		PP		50	15				eS		45	39		
		PPP		51	01			P00	eP	20	37	06	66.7	
		eS		55	16				eS		45	46		
		SP		55	23			07	PBA	i	20	37	29	
	NDI	eP	03	49	04				MDR	eP	20	37	33	69.0
	P00	eP	03	49	11		54.4		eS		46	40		
		eS		56	48			KOD	eP	20	37	53		
	BOM	iP	03	49	13	CW		07	NDI	e	21	01	55	
07	NDI	eP	06	31	04			07	SHL	ePg	21	49	15	0.8
07	BOM	e	13	34	37				eSg		49	25		
07	NDI	eP	14	47	25		7.8	07	NDI	i	22	46	46	
		eS		48	55			08	SHL	ePg	00	19	40	0.3
07	SHL	eP	16	32	37				eSg		19	44		
07	NDI	eP	18	11	45		18.3	08	NDI	eP	02	21	10	
		eS		14	48			08	SHL	iP	02	55	10	CSE
07	SHL	eP	18	48	28			08	P00	e	03	56	39	
07	NDI	iP	18	49	39	C		08	NDI	e	04	43	37	
07	EPC: 76.5N, 130.8E - H = 20h 26m 29.9s(USCGS)							08	SHL	eP	07	46	33	

APRIL, 1969

- 9 -

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DATE	STN	PHASE	H. M. S.	Deg.	DATE	STN	PHASE	H. M. S.	Deg.
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08	BOK	e	08 22 14		08	NDI	eP	18 42 05	
08	NDI	iPg eSg	08 22 40.1 D 22 49.5	0.73	08	SHL	eP	20 01 18	
08	BCK	e	09 50 29		08	SHL	eP	21 02 47	
08	NDI	eP eS	10 29 25 31 12	8.6	08	CFA	iP	21 34 26	C
08	EPC: 1.4N, 126.3E - H = 10h 21m 52.3s(USCGS) MOLUCCA PASSAGE Depth = 69 Kms., Mag. 5.3(CGS)				08	NDI	e	21 35 40	
	SHL	iP	10 29 29	CW	09	NDI	eP	01 09 26	
	MDR	eP	10 30 18		09	PBA	iPg iSg	03 51 49.1 C 51 54.6	0.4
	P00	eP	10 31 12		09	NDI	e	04 33 43	
08	EPC: 27.5N, 33.7E - H = 10h 31m 52.2s(USCGS) Depth = 15 Km., Mag. 5.2(CGS) UNITED ARAB REPUBLIC (CGS)				09	SHL	iP	05 47 57	CSE
	P00	eP	10 39 11		09	BOM	e	06 15 53	
	NDI	eP	10 39 13		09	BOK	iP	08 42 30	E
	MDR	e	10 40 13		09	KOD	iP	11 55 12.0	DN
	SHL	eP	10 40 58		09	NDI	eP	11 56 38	
08	NDI	eP eS	11 44 15 45 53	8.7	09	SHL	iP	11 56 57	D
08	BOK	e	12 32 50		09	P00	eP	12 51 41.5	
08	BOM	e	15 35 33		09	EPC: 36.8N, 139.6E - H = 12h 57m 24.8s(USCGS) HONSHU JAPAN, FELT IN TOKYO AREA Depth = 116 Kms, Mag. 5.5(CGS)			
08	EPC: 40.7N, 19.8E - H = 15h 48m 51.8s(USCGS) ALBANIA, Depth = N, Mag. 5.1 (CGS)					SHL	eP	13 05 05	D
	NDI	eP	15 57 27			BOK	eP	13 05 50	
	CHA	eP	15 58 31	C		NDI	eP	13 06 26	D
	SHL	eP	15 58 57			P00	eP	13 07 20	
						KOD	iP	13 07 34.0	C
					09	NDI	eP	14 20 32	
					09	SHL	iP	16 43 19	DE
					09	SHL	iP	21 53 01	DSW

APRIL, 1969

- 10 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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09	CHA	iP	21 53 29	D	NDI	eP	15 01 33.0	DNE	45.0
contd.						pP	03 14.0		
	NDI	e	21 54 19			eS	07 30		
10	BOM	e	03 15 37						
10	POO	eP	04 20 24.5		PBA	eP	15 01 33	DN	45.0
10	BOM	e	05 20 07			eS	07 33		
10	NDI	e	05 40 11			sS	10 24		
10	BOK	i	07 14 51		VIS	eP	15 01 46		
10	SHL	iP	07 25 07	C		pP	03 26		
10	SHL	iPg	08 09 08	DSW 1.5		eS	07 57		
		eSg	09 25		MDR	eP	15 02 28	D	46.4
10	POO	ePg	10 47 -			pP	04 14		
10	SHL	iP	11 46 55	D		eS	09 16		
10	SHL	eP	14 00 56			sS	12 22		
	CHA	iP	14 01 44.2	C 4.2	BOM	eP	15 02 38	DNE	54.0
		Pg	02 01.8			pP	04 25		
		S	02 34.0			iS	09 33		
		SS	02 43.5		POO	iP	15 02 44.3	D	
		Sg	02 54.9			eS	09 25		
10	CAL	iP	15 00 00		GOA	eP	15 02 49	NE	55.5
10	EPC:		42.0N, 130.9E			PP	04 08		
			- H = 14h 54m 03.9s(USCGS)			eS	09 52		
			E.Russia-N.E. CHINA BORDER		KOD	iP	15 02 55.0	DNE	
			REG. Depth= 555 Kms.		10	POO	iPg	15 43 30.5	C 1.2
			Mag. = 5.6(CGS),Mag. 5.4MB				iSg	43 46.5	
			(BRK)				eSn	43 48.5	
	CHA	eP	14 59 53		BOM	iPn	15 43 43	D	1.5
						eSn	44 04		
	SHL	eP	15 00 21	DNE	10	NDI	eP	16 00 54	8.7
							iS	02 34	
	CHA	eP	15 00 43	DN 38.8	10	POO	iPg	17 40 04.6	1.3
		S	06 02				eSg	40 21.0	
	BOK	iP	15 01 04	DNE 41.4		GOA	ePn	17 40 13.3	1.8
		eS	06 39				eSn	40 36.7	
	BHK	eP	15 01 26.0	44.2	BOM	iPn	17 40 14	C	1.8
		eS	07 20				eSn	40 38	
						Sg	40 39		

APRIL, 1969

- 11 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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10	KOD	eP eS	17 41 36.5 43 04.5	7.6		P00	eP	22 06 03		
	MDR	e eS	17 42 56 43 29			KOD	iP	22 06 04	CW	
	BOK	e	17 44 56			BOM	eP eS	22 06 09 12 54	DE 48.3	
	CHA	eP	17 46 37		10	NDI	iPg iSg	22 38 20.9 38 23.5	CNE 0.2 M=2.1	
10	BOM	e	19 44 18		10	BOM	eP eS	23 28 04 32 20	24.1	
10	P00	iPg iSg	20 08 20.4 08 36.2	1.2		MDR	eP e	23 28 28 31 36		
	BOM	iPn iSn	20 08 30 08 54	D 1.8	11	BOK	e	00 33 25		
10	KOD	eP	20 11 09.0		11	CHA	eP iS	00 33 56.7 35 05.6	5.9	
10	P00	ePg	21 23 48		11	P00	e	00 38 59		
10	SHL	iPg eSg	21 30 11 30 21	D 0.8	11	KOD	eP e	04 12 36.0 13 12.5		
10	SHL	ePg eSg	21 51 40 51 50	0.8		BOM	eP eS	04 13 28 17 50	25.0	
10	EPC: 25.8N, 124.9 E - H = 21h 57m 40.4s(USCGS) NORTH WEST OF TAIWAN Depth = 141 Kms. Mag. = 5.3 (CGS)						MDR	eP PP PPP eS	04 13 51 14 15 14 25 17 45	21.4
	SHL	eP	22 03 34	DNE	11	BOK	e	04 21 14		
	CHA	eP eS	22 04 12 09 20	D 34.0	11	BOM	ePn eSn	06 18 48 19 13	1.2	
	BOK	eP iS	22 04 24 09 46	DE 35.5	11	BOK	e	11 33 33		
	P00	eP	22 04 42.5		11	P00	ePg	13 47 54		
	VIS	eP iS	22 04 53 10 43	39.0	11	P00	ePg	16 27 -		
	NDI	eP	22 05 17	42.0	11	SHL	eP	17 22 55		

APRIL, 1969

-12-

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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	MOJUGCA PASSAGE Depth = 53 Km., Mag. = 4.7 (CGS)						BOK	eP	10 53 12	
		SHL	eP	23 52 42 C			MDR	eP	10 53 36	
		CHA	eP	23 53 19 D			KOD	eP	10 53 58	
		KOD	eP	23 53 50			NDI	eP	10 54 04	
		NDI	eP	23 54 24			POO	eP	10 54 19	
		POO	eP	23 54 26			BOM	eP	10 54 38	51.7
							eS	11 01 50		
12		SHL	iP	02 40 35 CNE	12		SHL	eP	13 17 35	
12		NDI	eP	02 43 30	12		POO	ePg	14 57 37	
		eS		46 19	12		NDI	iPg	15 28 17.1 DE	0.6
							iSg	28 25.0		
12		SHL	eP	03 13 34			EPC: 45.3N, 25.0E			
12		SHL	eP	06 40 31 C			- H = 20h 38m 39.6s (USCGS)			
12		NDI	eP	07 53 31			RUMANIA, FELT IN CAMPULUNG			
				54 15			AREA, Depth 8 Kms			
							Mag. = 5.2 (CGS)			
12		KOD	iP	07 57 29.0 DE			NDI	eP	20 46 48 DW	
12		NDI	eP	08 29 37			BOM	eP	20 47 15	
12		BOK	e	08 41 30			POO	eP	20 47 21	
12		BOM	e	09 02 08			CHA	eP	20 47 51 D	
12		CHA	iP	09 06 53 C			SHL	eP	20 48 20 DW	
12		KOD	eP	09 11 08.0	12		CHA	eP	21 06 28 D	
12		SHL	eP	09 16 20			i		07 35	
12		NDI	e	09 17 40			SHL	eP	21 06 33	
12		BOM	e	09 28 57	12		NDI	e	21 09 56	
12		SHL	eP	09 57 38	12		SHL	iP	21 31 49 D	
12		EPC; 10.2N, 126.3E			12		SHL	eP	21 56 31 D	
		- H = 10h 45m 16.9s (USCGS)			12		SHL	iP	22 11 31 D	
		PHILIPPINE ISLANDS REGION			12		EPC: 36.2N, 69.7E			
		Depth = 11 Kms., Mag. 5.3 (CGS)			12		- H = 22h 18m 09.7s (USCGS)			
		4.4 (CGS)					HINDU KUSH REGION			
		SHL	eP	10 52 17			Depth = 119Km, Mag. 4.0 (CGS)			

APRIL, 1969

-13-

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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12	NDI	iP	22 20 28	DNW 9.5			iSn	28 06		
contd.		iS	22 22 17				SS	28 16		
							SSS	28 29		
	CHA	eP	22 22 07			KOD	eP	15 26 52	DN	
	SFB	iP	22 22 55	D		CAL	eP	15 27 00	W 8.5	
	POO	e	22 26 09				iS	28 34		
12	NDI	eP	23 13 42				SSS	28 57		
13	SHL	eP	03 38 48			CHA	eP	15 27 28	10.5	
13	SHL	iP	05 48 07	D			iS	29 24		
13	KOD	eP	05 50 21				SSS	29 46		
13	BOK	e	08 01 57			SHL	eP	15 27 56	CNE 12.5	
13	SHL	iP	13 19 13	C			eS	0 10		
13	POO	eP	14 10 12			PBA	iP	15 28 03	CS 13.0	
13	SHL	iP	14 46 23	C			iS	30 21		
13	EPC: 17.9N, 80.6E					BHK	eP	15 28 14	14.0	
	- H = 15h 24m 55.6s (USCGS)				13		eS	30 42		
	Depth = N, Mag. 5.3 (CGS)					TOC	eP	15 28 33	15.0	
	MS = 5.7							31 13		
	MDR	iP	15 26 07	DW 4.8	13	PBA	eP	15 38 10.7	3.0	
		PE	26 11				iS	38 47.2		
		P*	26 16		13	POO	eP	16 15 08.5		
		PPP	26 18				KOD	eP	16 16 32.5	9.6
		Pg	26 23				eS	18 22.0		
		iS	26 59			CHA	iP	16 16 48	D	
	POO	eSn	15 26 27	6.2			i	19 29		
		eSn	27 38		13	EPC: 7.8S, 111.4E				
	SEH	ePn	15 26 29	W 6.3		- H = 17h 24m 17.3s (USCGS)				
		P*	26 44			Depth = 169 Kms. JAVA				
		eSn	27 39			Mag. = 4.7 (CGS)				
		Sg	38 14			KOD	eP	17 31 24.0		
	GOA	eP	15 26 34.1			SHL	eP	17 31 24	CNW	
	BOM	ePn	15 26 42	CW 7.3		CHA	eP	17 31 52	C	
		i	26 44	Felt in		POO	eP	17 32 20		
		PP	26 50	BOMBAY		POO	eP	17 44 52		
		iSn	28 06			POO	e	17 50 45		
	BOK	iPn	15 26 45	N 7.5	13					
		PP	26 49							

APRIL, 1969

--15--

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
14	BOM	eP	13	17	40	19.0	15	NDI	e	02	40	47	
	contd.	eS		21	10								
	NDI	eP	13	17	52	19.6	15	NDI	i	02	14	29	
		eS		21	22								
	POO	eP	13	17	52		15	SHL	iPn	07	26:	26	CS 2.2
14	NDI	e	13	51	18				eSn		26	55	
14	NDI	e	14	46	29		15	BOK	e	07	46	12	
14	SHL	ePn	15	24	29	2.3	15	POO	e	08	18	49	
		eSg		25	00		15	BOK	e	11	55	28	
14	CHA	iP	15	56	35	D	15	POO	e	12	19	56.5	
14	BOM	e	16	54	20		15	NDI	eP	12	55	09	11.9
14	NDI	e	17	15	50				eS		57	24	
14	NDI	eP	18	09	18	8.6		SHL	eP	12	56	27	
		eS		10	56		15	EPC: 39.8N, 143.4E					
14	BHK	eP	18	09	53.0			- H = 17h 30m 55.8s(USCGS)					
14	POO	e	18	11	12.5			Depth= 20 Km. off East Coast					
14	SHL	iP	18	11	43	DSE		Mag. = 5.3 (CGS) Hanshu Japan					
14	SHL	iP	19	45	01	DSE		TOC	eP	17	38	56	
	NDI	eP	19	45	37			SHL	eP	17	39	12	CSW
	CHA	iP	19	45	57	D		CHA	eP	17	39	38	C 48.5
	NDI	eP	19	47	15	18.9			eS		46	37	
		eS		50	43			BOK	eP	17	39	57	CSW51.0
14	SHL	iP	20	07	26	CNE			iS		47	11	
14	SHL	eP	20	36	24			PBA	eP	17	40	12	
14	POO	ePg	22	12	38			NDI	eP	17	40	25	55.0
14	SHL	iPg	23	36	23	DN 1.1			eS		48	06	Mb=6.5
		iSg		36	47			MDR	iP	17	41	11	CE 61.5
	NDI	ePn	23	38	27	2.9			PP		43	39	
		eSn		39	13				eS		49	31	
15	POO	eP	01	25	54				SP		49	46	
15	NDI	e	01	28	48			POO	eP	17	41	22	
									e		49	58	
								BOM	iP	17	41	28	CSW 64.0
									eS		50	02	
15	NDI	e	01	28	48		15	VIS	Pn	17	59	21	2.2
									eS		59	40	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
15	MDR	eP	17	59	53	4.1
		PP	18	00	02	
		PPP		00	06	
		Pg		00	09	
		LQ		00	33	
		eS		00	42	
		S*/SS		00	51	
		Sg		01	00	
		SSS		01	03	
	SEH	iP	18	00	11	N 5.5
		iS		01	15	
		e		01	27	
		M		01	47	
	POO	ePn	18	00	11.8	6.0
		eSn		01	22	
	BOM	ePn	18	00	25	7.3
		LQ		01	43	
		eSn		01	49	
		SS		02	00	
	GOA	eP	18	00	25	
	BOK	ePn	18	00	28	7.4
		LR		01	39	
		iSn		01	52	
		SSS		02	09	
	CAL	ePn	18	00	39	
		Sn		02	15	
		e		02	54	
	CHA	iP	18	01	12	C
		eS		03	07	
	NDI	iP	18	01	16	DSE 10.2
		eS		03	13	Mb= 6.1
		i		04	27	MWA=6.3
	SHL	iP	18	01	41	DNE
	PBA	eP	18	01	47	12.2
		e		01	50	
		iS		04	05	
	TOC	eP	18	02	16	
	TRD	e	18	02	43	
		i		03	40	
	BHK	e	18	04	23.5	
		e		05	58	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
15	PBA	e	18	12	23	
		i		12	52	
15	CHA	iPg	20	00	56.0	C 2.0
		S		01	12.0	
		Sg		01	22.3	
15	SHL	eP	20	13	24	
15	SHL	eP	21	18	13	
15	EPC: 5.9S, 113.2E					
	- H = 22h 15m 09.6(USCGS)					
	JAVA SEA					
	Depth = 575 Kms					
	Mag. = 5.6(CGS)					
	PBA	iP	22	20	06	D
	TOC	eP	22	21	30	36.6
		eS		26	34	
	VIS	iP	22	21	37	DW
	SHL	iP	22	21	38	D
	MDR	iP	22	21	39	D
		epP		22	16	
		ePP		23	19	
		iS		26	47	
		SS		29	54	
	BOK	eP	22	21	57	
		e		27	19	
	CHA	eP	22	22	08	D 41.2
		ePP		23	53	
		e		27	39	
	POO	iP	22	22	41	DSE 45.5
		eS		28	40	
	BOM	eP	22	22	48	DE 46.5
		eS		28	54	
	NDI	iP	22	23	03	DSE 48.0
		epP		24	53	
		eS		29	19	
15	CAL	i	22	26	40	
16	NDI	eP	01	28	55	

APRIL, 1969

- 17 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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16	EPC: 3.5S, 151.0E - H = 01h 22m 47.5s NEW IRELAND REGION FELT AT KEVIFNG, LASSUL AND RABAU, NEW BRITAIN, Depth = 39 Kms Mag. = 5.7, MS 6.5, Mag. = 6 $\frac{1}{4}$ (PAS), 6-6 $\frac{1}{4}$ (BRK)					16	PBA	i	02 38 54	
	PBA	eP	01 32 51			16	NDI	eP	05 02 03	
	TOC	eP	01 33 04			16	SHL	iP	05 03 41	D
	SHL	iP	01 33 20	64.7		16	SHL	eP	06 41 57	
		iS	42 00			16	POO	e	07 43 52	
	CAL	iP	01 33 42	67.5	W	16	BOM	e	07 44 51	
		iS	42 29			16	NDI	i	08 33 31	
	CHA	eP	01 33 52	69.2		16	POO	eP	09 47 15	
		iS	42 55			16	NDI	iP	09 47 27	C
	BOK	iP	01 33 53	69.4		16	BOK	e	10 02 50	
		iS	43 00			16	EPC: 13.6S, 166.9E - H = 12h 19m 40.1s(USCGS) NEW HEBRIDES ISLANDS Depth = 137 Km, Mag. = 5.6(CGS)			
	VIS	iP	01 33 57	70.0			PBA	eP	12 31 22	CN
		ePP	36 32				SHL	eP	12 31 49	CW
		iS	43 08				CHA	eP	12 32 12	C
	MDR	eP	01 34 12				BOK	eP	12 32 12	
		pP	36 56					eS	42 44	
		PPP	38 37				MDR	eP	12 32 24	C
		eS	43 33					eS	43 05	
	TRD	iP	01 34 30	75.5				sS	44 00	
		PP	37 19				NDI	eP	12 32 51	CE
		PPP	39 05				POO	eP	12 32 56	
		eS	44 07				16	POO	e	12 54 40
	NDI	eP	01 34 41	77.5	C		16	NDI	i	13 17 46
		PP	37 34		Mb=6.9		16	BOM	e	13 26 24
		iS	44 32				16	PBA	iPg	14 06 43.4 D 0.7
		SP	45 06					iSg	06 52.9	
		SSS	52 52				16	NDI	iSg	18 47 14
	POO	eP	01 34 43	82.6						
		e	44 50							
	GOA	eP	01 34 49	79.0						
		PPP	39 46.2							
		eS	44 47							
	BOM	eP	01 34 59	80.8						
		iS	45 06							

APRIL, 1969

-21-

DATE STN PHASE H. M. S.					Δ Deg.	DATE STN PHASE H. M. S.					Δ Deg.		
19	NDI	eS	14	49	54		20	BOM	eSg	16	39		
19	EPC: 40.7N, 142.1E. H= 15h 18m 09.6s(USCGS) NEAR EAST COAST OF HANSHU JAPAN Depth= 65Kms. Mag= 4.7 (CGS)						20	SHL	eP	07	58	13	
	SHL	iP	15	26	14	C	20	SHL	iP	09	03	24	
	CHA	eP	15	26	37	D	20	SHL	iP	10	06	47	
	NDI	eP	15	27	25		20	NDI	i	11	15	49	
	POO	eP	15	28	24		20	DDI	iP	13	07	23.8	
19	NDI	e	15	50	32				iS	08	03.3	M=5.0	
19	SHL	iPg	16	10	23	C	1.5		NDI	iPn	13	07	57.5
		eSn	10	49								DNE	4.1
19	NDI	e	17	03	09				iS	08	09.7	Mb= 5.1	
19	NDI	ePn	17	31	24	6.1	20	BHK	eP	13	08	08.8	
		eSn	32	35				CHA	iP	13	08	20.2	
19	POO	ePg?	18	56	45.5				eS	09	28.1	C	
19	EPC: 60.3N, 146.0W. H=19h 26m 17.3s (USCGS) SOUTHERN ALASKA, FELT AT CORDOVA. Depth= 21Kms. Mag= 5.1 (CGS).							BOK	e	13	08	27	
	SHL	eP	19	38	39	C			i	10	05		
	DDI	eP	19	38	41	C			i	10	39		
	CHA	eP	19	38	44	C		SHL	iP	13	09	15	
	NDI	eP	19	38	49			Poo	eP	13	10	02	
19	MDR	e	21	03	09			CAL	e	13	11	05	
		e	03	45				BOM	ePn	13	11	55	
		e	03	59					eSn	13	19	7.3	
	POO	ePn?	21	03	15.5			VIS	eP	13	12	11	
		e	04	23					eS	13	26	6.5	
	BOM	ePn	21	03	22	7.1			eLR	13	31		
		eSn	04	44					eSS	13	38		
	CHA	iP	21	04	11	C			eSSS	13	46		
	NDI	eP	21	04	16		10.4	20	PBA	eP	19	27	13.1
		eS	06	14					iS	27	42.1	2.3	
	SHL	eP	21	04	39			20	NDI	eP	19	31	49
	BOK	e	21	04	52			21	EPC:- 14.1 N, 91.0 W. H= 02h 19m 07.1s (USCGS) GUATEMALA FELT AT SAN SALVADOR EL SALVADOR. Depth= 82 Kms. Mag= 5.5(CGS) Mag 6 (PAS) 6 1/4 (BRK)				
19	POO	eP	21	30	(25)				NDI	ePKP	02	38	16
	TOC	eP	21	33	00				POO	ePKP	02	38	30
	SHL	eP	21	33	07			21	MDR	ePKP	02	38	49
	CHA	eP	21	33	09				PBA	ePKP	02	38	52
19	EPC: 25.5N, 123.2E. H= 22h 07m 46.8s(USCGS) NORTH EAST OF TAIWAN Depth= 61Kms, Mag=4.7 (CGS).						21	NDI	e	04	18	44	
	SHL	iP	22	13	35	D							
	CHA	iP	22	14	13	D							
	NDI	eP	22	15	23								
	POO	eP	22	16	05								
20	NDI	i	04	50	24								
20	POO	eP	05	02	11								
20	SHL	iPg	06	16	26	C	1.0						

APRIL, 1969 ----- 22 -----

 DATE STN PHASE H. M. S. Δ
 Deg.

21	NDI	iPg	04 43 49.4	CNE	0.2
		iSg	43 52.1		
21	EPC: 32.2N, 131.9 E. H= 07h 19m 27.5s (USCGS) KYUSHU, JAPAN. 4 injured and slight damage at Miyazaki Depth= 41 Kms. Mag= 6.1 (CGS) MS=6.3 (CGS) Mag 6 $\frac{1}{4}$ (PAS) 5 $\frac{3}{4}$ (GOL)				
	TOC	e	07 25 48		
	SHL	iP	07 26 20	CW	
	CHA	iP	07 26 52	W	39.2
		pP	28 27		
		S	32 50		
	CAL	eP	07 27 01		
	BOK	iP	07 27 10	CSW	41.0
		PP	28 46		
		iS	33 14		
		cS	36 27		
		SSS	38 00		
	PBA	iP	07 27 11		41.3
	DDI	iP	07 27 45	C	45.5
		cS	34 27		
		SS	37 41		
	VIS	iP	07 27 48		46.0
		iPP	29 35		
		iPPP	30 48		
		iS	34 35		
		SS	37 47		
	NDI	iP	07 27 52	CSW	46.4
		PP	29 46		
		iS	34 40		
		SS	37 45		
	BHK	eP	07 27 54		
	MDR	iP	07 28 25	C	50.5
	POO	eP	07 28 45		53.1
		cS	36 15		
	BOM	iP	07 28 52	CSW	54.4
		PP	30 55		
		iS	36 27		
		SP	36 37		
		SS	40 07		
	TRD	eP	07 29 03		56.0
		PPP	32 24		
		cS	36 48		
		SP	37 00		
		SS	40 36		

 DATE STN PHASE H. M. S. Δ
 Deg.

21	SHL	ePg	08 20 29		0.9
		cSg	20 41		
21	POO	eP	09 45(40.5)		
21	POO	ePg	12 56 50		
21	SHL	eP	13 05 25		
21	NDI	e	13 07 37		
21	EPC: 2.4 N, 127.0 E. H= 16h 07m 00.2s (USCGS) MOLUCCA PASSAGE Depth=97 Kms. Mag= 4.9(CGS)				
	SHL	eP	16 14 33	CW	
	CHA	eP	16 15 09	D	
	NDI	eP	16 16 13		
	POO	eP	16 16 16		
21	CHA	iP	17 59 38	D	
		i	18 00 21		
21	CHA	eP	18 07 17		
	SHL	iP	18 07 26	DNE	
21	CHA	iP	18 10 03	D	
21	CHA	iP	19 59 37	D	
21	EPC: 39.5 N, 25.2 E. H= 20h 36m 43.3s (USCGS) AEGEAN SEA. Depth=N, Mag=4.8 (CGS)				
	NDI	eP	20 44 51		
	POO	eP	20 45 15		
	CHA	eP	20 45 57		
	SHL	eP	20 46 30		
21	CHA	iP	21 06 38	D	
21	SHL	iP	22 15 37	D	
	CHA	eP	22 16 17		
21	EPC: 74.2 N, 9.7 E. H= 22h 27m 59.5s (USCGS) GREENLAND SEA. Depth= N, Mag= 5.0 (CGS)				
	NDI	eP	22 37 41		
	CHA	eP	22 38 14		
	SHL	iP	22 38 29		
22	PBA	ePg	00 18 11.5		0.7
		iSg	18 20.0		

APRIL, 1969

- 23 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
22		EPC: 14.1 N, 91.0 W. H= 00h 29m 25.0s (USCGS) FELT AT SAN SALVADOR EL SALVADOR. Depth= 89 Mag= 4.8 (CGS)							CHA	cP	06	52	07
								TRD	c	06	54	35	
									c		58	18	
		SHL cPKP 00 48 47					22		EPC: 39.8N, 143.0E. H= 08h 11m 21.6s (USCGS) OFF EAST COAST OF HANSHU Japan. Depth=36 Kms. Mag= 5.5 (CGS).				
		POO cPKP 00 48 50						TOC		08	18	48	
		MDR cPKP 00 49 05						SHL cP		08	19	33	CSW
22	SHL	cPg 01 37 00				0.7		CHA cP		08	19	58	C 47.8
		cSg 37 09						cS	(?)	26	55		
22	POO	c 02 43(06)						PBA cP		08	20	33	
22	PBA	cPg 03 34 37.5				0.4		DDI cP		08	20	37	C
		iSg 34 43.0						NDI cP		08	20	45	CSW
22	BOM	iP 04 17 12						VIS cP		08	21	00	55.9
22	BOM	c 04 35 49						iS		28	47		
22		EPC: 26.7S, 114.2 W. H= 04h 38m 03.0s (USCGS) EASTER ISLAND REGION Depth=N, Mag=5.3, MS=5.7(CGS)						MDR cP		08	21	34	CE 60.8
		PBA cPKP 04 58 00						PP		23	46		
		BOK cPKP 04 58 08						PPP		25	18		
		NDI cPKP 04 58 10						cS		29	51		
22		EPC: 24.3N, 122.5 E. H= 05h 51m 36.9s (USCGS) Depth= 30. Mag= 5.1 (CGS) ALWAN REGION.						SP		30	04		
		SHL cP 05 57 22						SSS		36	24		
		NDI cP 05 59 15				C		POO iP		08	21	44	
		POO cP 05 59 56						BOM iP		08	21	47	CNW 63.0
22		EPC: 26.8S, 114.1W. H= 06h 31m 57.5s (USCGS) EASTER ISLAND REGION Depth= N, Mag=5.6 MS=6.2 Mag= 6½ (PAS)						pP		22	00		
		SHL cPKP 06 51 55				C		iS		30	17		
		PBA cPKP 06 51 59						SS		34	23		
		BOK cPKP 06 52 00						GOA i		08	21	55	
		MDR cPKP 06 52 05					22	TOC cP		09	07	25	
		NDI cPKP 06 52 06						SHL iP		09	07	37	DSE
		BOM cPKP 06 52 06						BOK iP		09	08	29	W
		POO cPKP 06 52 07						CHA iP		09	08	29.5	D 5.5
								cS		09	34.4	M=5½	
								22		EPC: 23.2 N, 92.7 E. H= 09h 06m 58.5s (USCGS) INDIA EAST PAKISTAN BORDER REG. Depth= 39.			
								NDI cP		09	10	23	14.3
								iS		12	03		
								POO cP		09	11	07	

DATE STN PHASE H. M. S.				∠ Deg.	DATE STN PHASE H. M. S.				∠ Deg.			
Contd.	iS	42	55		P00	eP	21	29	05			
	SS	43	12			eS		36	06			
CHA	iP	07	40	11	C	NDI	iP	21	29	10	D 49.3	
VIS	eP	07	40	51	29.3		eS		36	16.		
SHL	iP	07	41	05	DW	BOM	eP	21	29	13	50.0	
BOM	e	07	41	42			iS		36	24		
	e		42	29		25	NDI	e	21	32	17	
	S		42	39		25	EPC: 39.7N, 143.2 E. H= 21h 35m 23.8s(USCHS) OFF EAST COAST OF HANSHU? JAPAN. Depth=50 Kms. Mag= 4.4 (CGS).					
CAL	e	07	44	33		SHL	eP	21	43	34	C	
MDR	e	07	44	49		CHA	eP	21	44	00	C	
25	TRD	e	07	48	23		NDI	eP	21	44	48	
25	NDI	eP	09	09	12		P00	eP	21	45	45	
25	CHA	iP	09	25	51	C	25	DDI	eP	22	49	49.7 1.07
25	NDI	eP	09	26	03			eS		49	58.5M=3½	
25	P00	eP	10	47	28		NDI	iPg	22	49	58.5 DNEL.22	
25	NDI	eP	12	41	07			iSg		50	14.5M=3.2	
25	SHL	eP	13	32	37		BHK	ePg	22	50	15.0 2.5	
25	NDI	eP	13	34	19			eSg		50	46.0	
25	SHL	eP	13	37	26		CHA	iP	22	51	38.1 D 8.3	
25	NDI	ePg	14	19	11			eS		53	14.3	
25	BOM	iP	16	14	53	C	BOK	e	22	51	47	
25	CHA	iP	16	41	09.5	3.6	P00	eP	22	52	21	
	S		41	53.8			SHL	eP	22	52	35	
	SHL	eP	16	41	30		25	BOM	iP	22	55	47 D
25	NDI	eP	16	53	19		26	CHA	iP	00	20	44
25	P00	eP	17	15	52		26	BHK	eP	03	56	34.0 6.2
25	CHA	eP	17	18	39			eS		57	46.0	
25	P00	e	19	02	(02)		DDI	eP	03	56	57.3	
25	EPC: 1.3N, 120.4E. H= 21h 20m 22.7s (USCGS) NORTHERN CHILIBES. Depth= 27, Mag= 5.2 (CGS)						i		58	23.3		
	SHL	21	27	27	DE		NDI	iPn	03	57	08.5 5.6	
	BOK	eP	21	27	59			eSn		58	43	
	CHA	iP	21	28	04	D	SHL	eP	03	59	33	
	MDR	eP	21	28	08	41.5	P00	eP	04	00	-	
		eS		34	21		26	NDI	iPn	04	07	51.0 CS8.0
								Sn		09	23.0	
								i		09	25.5	

APRIL, 1968

-27-

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
26	SEH	eP	05	18	41			CHA	iP	19	15	10	C	
26	EPC: 30.6S, 71.4W. H=05h 58m 49.0s (USCGS) NEAR COAST OF CENTRAL CHILE. Depth=23 Kms. Mag= 5.6, MS=6.3 (CGS) Mag= 5 ³ (BRK).							26	POO	eP	19	17	02	
	GOA	ePKP	06	18	25	146		26	MDR	eP	20	22	43	4.3
		pp		25	51				eS		23	34		
	BOM	iPKP	06	18	28	CW		26	EPC: 3.0S, 102.3E. H=20h 17m 10.2s(USCGS) Depth=127Kms. SOUTHERN SUMATRA.Mag=5.1 (CGS)					
		c		22	24				SHL	eP	20	23	07	DS
	POO	ePKP	06	18	29				CHA	eP	20	23	34	
		c		21	49				NDI	eP	20	24	31	DSE 39.8
	MDR	ePKP1	06	18	35	15.0			eS		30	25		
		PKP ₂		18	50			26	SHL	iP	20	29	38	DNW
		PP		22	22				CHA	iP	20	29	49	D
	VIS	eP	06	18	36			26	NDI	c	21	15	47	
	NDI	iPKP	06	18	38	C 151.0			i		15	53		
		PP		22	28				c		16	24		
	SEH	eP	06	18	41			26	EPC:6.0S, 146.1E. H=21h 52m 31.6s (USCGS) EAST NEW GUINEA REGION Depth=122 Kms. Mag=4.8(CGS)					
	BOK	ePKP	06	18	47	C		26	SHL	eP	22	02	37	DE
	SHL	iP	06	18	52	C			CHA	eP	22	03	07	D
	BHK	c	06	18	50.0				NDI	iP	22	03	59	
		e		22	55.0			26	BHK	ePn	23	04	33.6	2.6
	DDI	c	06	19	01.5				eSn		05	06.8		
		c		20	09.2			26	DDI	eP	23	04	40.5	
		c		23	08.0				i		05	23.0		
26	CHA	c	06	19	09				NDI	ePn	23	05	03	
26	TRD	M	07	14	34				iPg		05	15		
26	EPC: 3.9S, 102.8 E. H= 11h 23m 43.7s (USCGS) SOUTHERN SUMATRA. Depth= 110 Kms. Mag=5.2(CGS)								eSn		05	50		
	SHL	iP	11	29	53	C		26	POO	c	23	10	-	
	POO	eP	11	30	36			27	NDI	i	00	54	16	
	NDI	iP	11	32	13			27	EPC: 0.9 N, 120.1E. H=01h 37m 14.5s (USCGS) NORTHERN CELEBES. Depth=12 Kms. Mag=5.4(CGS) MS= 4.9 (CGS)					
26	SHL	iP	12	10	49	C			SHL	iP	01	44	21	D
26	POO	c	14	13	19.5				BOK	i	01	44	53	
26	POO	ePg	17	04	00.5				CHA	eP	01	45	03	
26	CHA	iP	18	11	07	C								
	SHL	iP	18	11	40	C								
26	SHL	iP	19	14	35	C								

APRIL, 1969

-28-

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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	MDR	cP	01 45 03	41.4		BOK	c	00 56 04	
		PP	46 41			MDR	cP	00 56 50	63.0
		cS	51 17				cS	01 05 21	*
	KOD	cP	01 45 10.0			P00	cP	00 57 21	
	P00	cP	01 45 59			NDI	cP	00 57 25	
	NDI	iP	01 46 04	D	28	BOM	c	01 06 28	
	BOM	cP	01 46 06	49.3	28	P00	c	02 21 31	
		cS	53 12		28	SHL	cP	02 40 34	
27	SHL	cPn	02 55 43	2.0	28	BOM	cPg	04 15 19	0.1
		cSg	56 14				cSg	21	
27	BHK	cP	05 02 30		28	KOD	iP	07 29 00	D
27	SHL	iP	05 04 14	DNE	28	SHL	cP	07 38.46	
27	P00	c	05 07 22		28	EPC:22.4 S, 177.7 W. H=07h 25m 29.7s (USCGS) SOUTH OF FIJI ISLANDS. Depth= 296 Kms. Mag=5.9 (CGS) Mag 6 $\frac{1}{4}$ (BRK)			
27	P00	c	10 57 -			KOD	cPKP	07 42 40	
27	SHL	cP	11 07 54			CHA	cPKP	07 43 01	
27	SHL	iP	13 18 05	ON		P00	cPKP	07 43 34	
27	P00	c	13 27 41			MDR	cPKP	07 43 34	
27	SHL	cP	13 28 29		28	EPC 25.9 N, 95.3 E. H= 12h 50m 15.2s (USCGS) Depth= 50 BURMA-INDIA BORDER REGION Mag= 5.2 (CGS)			
27	BOM	c	13 51 -			TOC	cPg	12 50 41	3.2
27	BOM	cPg	14 11 49	0.1		SHL	iPn	12 51 03	DNE 3.2
		cSg	11 51				c	51 34	Felt in Shillong
27	PBA	iPg	14 39 59.2	C 0.9		CHA	iP	12 52 03	7.3
		iSg	40 11.2				cS	53 25	
27	SHL	iP	18 45 17	1.9		BOK	iPn	12 52 20	DE 8.7
		iS	45 42				iSn	53 54	
27	NDI	cP	20 14 01	9.7		CAL	c	12 52 45	
		cS	15 52			VIS	iP	12 53 28	DE
	CHA	cP	20 15 43			PBA	cP	12 53 41	14.7
	SHL	cP	20 16 27				PP	53 57	
27	P00	c	23 15 -				cS	56 29	
27	BOM	c	23 17 06			DDI	cP	12 53 52.0	15.4
27	NDI	cPn	23 17 42	6.8			cS	56 35.0	
		cSn	19 01			NDI	cP	12 53 54	15.5
	CHA	cP	23 17 51				iS	56 45	
27	NDI	cP	23 33 49			EPC:13.3 N, 145.1 E. H= 00h 46m 25.6s (USCGS) MARIANA ISLANDS. Depth= 51Kms. Mag=5.3(CGS)			
28	NDI	c	00 27 25			SHL	cP	00 55 26	
28	EPC:13.3 N, 145.1 E. H= 00h 46m 25.6s (USCGS) MARIANA ISLANDS. Depth= 51Kms. Mag=5.3(CGS)								

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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28	BHK	eP	12 54 14.0		29	EPC: 29.6 N, 51.5 E. H=04h 37m 40.7s (USCGS) SOUTHERN IRAN. Depth= 36Km, Mag=5.6(CGS)			
	MDR	eP	12 54 38	19.3		BOM	eP	04 42 34 DW	22
		PP	54 54			NDI	eP	04 42 38	22.4
		PPP	55 02				eS	46 39	
		eS	58 10			DDI	eP	04 42 45	
		SS	58 39			P00	iP	04 42 45 D	24.0
		SSS	58 50				e	47 08	
	P00	eP	12 54 58	21.2		GOA	eP	04 43 04	
		eS	58 52			KOD	iP	04 43 58.0	
	BOM	eP	12 55 05			MDR	eP	04 44 00	
	KOD	eP	12 55 19 C				eS	49 04	
28	BOM	ePg	15 37 37	0.2		BOK	iP	04 44 04 W	
		eSg	37 39			SHL	iP	04 44 37	
28	SHL	iP	19 16 53 D			PBA	eP	04 45 36	
28	KOD	eP	19 21 39.0		29	QHA	eP	04 49 11	
		eS	22 14.8		29	NDI	e	08 43 07	
28	EPC: 7.9 S, 158.8 E. H= 19h 39m 05.5s (USCGS) FELT AT HONIARA. Depth= 77 Mag=5.7(CGS)5 ³ (BRK)					29	BOK	e	08 53 39
	SHL	iP	19 50 29 DE		29	BOK	e	09 17 03	
	BOK	eP	19 50 58	78.6	29	EPC: 35.7 N, 70.2 E. H= 09h 35m 25.1s (USCGS) HINDU KUSH REGION. Depth= 189 Kms. Mag=4.7(CGS)			
		eS	20 00 49			DDI	eP	09 37 22	
	MDR	eP	19 51 14	81.5		NDI	iP	09 37 31 DNW	8.9
		eS	20 01 17				eS	39 14	
	KOD	iP	19 51 25 E			P00	eP	09 39 22	
	DDI	eP	19 51 39			SHL	eP	09 39 57	
	NDI	eP	19 51 40			KOD	eP	09 40 51	
	P00	eP	19 51 47 80.8			BOK	eS	09 42 29	
			02 24		29	BOK	i	10 01 03	
	BOM	eP	19 51 51 89.0		29	BOK	i	10 11 04	
		eS	02 33		29	BOK	e	11 13 25	
28	SHL	ePg	21 11 59	1.4	29	BOM	e	14 16 36	
		eSg	12 18		29	NDI	eP	14 41 06	
28	NDI	e	22 05 40		29	NDI	eP	16 49 52	
		e	05 42		29	NDI	eP	17 13 25	
28	SHL	iPg	23 22 13	1.3					
		iSg	29 30						
29	P00	e	02 33 02						
29	SHL	ePg	02 41 45	0.7					
		eSg	41 53						
29	BOM	e	03 49 08						
29	SHL	ePg	03 55 23	1.4					
		eSg	55 42						

List of felt earthquake report received from Voluntary

Observers for the month of April, 1969.

S.No.	Station	Date in G.M.T	Time in G.M.T. H. M.	No of Shocks	Duration in Secs.	Intensity R.F. Scale	Remarks
1.	Okhaldhunga. (Nepal)	5.4.69	13 54	One	3	III	
2.	Mahbub Nagar (A.P)	13.4.69	15 28	One	1	IV	
3.	Gannavaram. (A.P)	13.4.69	15 28	One	10	IV	Comming from SW Direction.
4.	Vijaywada	13.4.69	15 26	One	20	V	
5.	C.S.O Shi- llong.	20.4.69	10 06	One	5	III	
6.	-do-	20.4.69	10 10	One	6	III	
7.	-do-	28.4.70	12 51	One	16	III	
8.	-do-	28.4.70	12 51	One	10	III	
9.	-do-	28.4.70	12 50	One	20	III	
10.	-do-	28.4.70	12 51	One	30	III	
12.	-do-	28.4.70	12 57	One	30	III	

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MICROSEISM TABULATION



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DATE	HOUR	K	MEAN Amplitude inmm.	MEAN Period in sec	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
-----				-----					
Station Bokaro					13	00	3	0.1	3.3
01	00	3	0.1	4.2		06	3	0.1	3.8
	06	...	-	-		12	3	0.1	4.3
	12	3	0.1	4.1		18	3	0.1	3.6
	18	3	0.1	4.0	14	00	...	-	-
02	00	3	0.1	4.0		06	3	0.1	3.2
	06	3	0.1	4.2		12	3	0.1	3.3
	12	3	0.1	4.5		18	3	0.1	3.0
	18	3	0.1	4.4	15	00	3	0.1	3.3
03	00	3	0.1	4.2		06	3	0.1	4.7
	06	...	-	-		12	3	0.1	3.4
	12	3	0.1	5.0		18	...	-	-
	18	3	0.1	4.5	16	00	3	0.1	3.9
04	00	3	0.1	4.8		06	3	0.1	3.6
	06	...	-	-		12	3	0.1	3.0
	12	3	0.2	4.9		18	3	0.1	3.0
	18	3	0.1	4.6	17	00	...	-	-
05	00	3	0.2	5.0		06	3	0.1	3.4
	06	3	0.3	4.9		12	3	0.1	3.0
	12	3	0.1	4.8		18	3	1.3	3.0
	18	3	0.1	4.8	18	00	3	1.1	3.5
06	00	...	-	-		06	3	0.7	3.3
	06	3	0.1	4.7		12	3	0.3	3.4
	12	3	0.2	4.9		18	3	0.3	3.2
	18	...	-	-	19	00	3	0.2	3.5
07	00	3	0.1	4.6		06	3	0.1	3.5
	06	3	0.2	5.2		12	3	0.1	3.6
	12	3	0.1	4.9		18	3	0.1	3.8
	18	3	0.1	4.7	20	00	3	0.1	3.4
08	00	3	0.1	4.9		06	3	0.1	3.6
	06	3	0.1	4.6		12	3	0.1	3.9
	12	3	0.1	5.0		18	3	0.1	3.6
	18	3	0.1	4.7	21	00	3	0.1	3.7
09	00	3	0.1	4.1		06	3	0.1	4.0
	06	3	0.1	5.0		12	3	0.1	4.3
	12	3	0.1	5.0		18	3	0.1	2.8
	18	3	0.1	4.5	22	00	3	0.1	3.2
10	00	3	0.1	4.5		06	...	-	-
	06	3	0.1	4.6		12	3	0.3	3.0
	12	3	0.1	5.0		18	3	0.2	3.0
	18	3	0.1	4.9	23	00	3	0.1	3.6
11	00	3	0.1	4.1		06	3	0.1	4.5
	06	3	0.1	5.0		12	3	0.1	4.0
	12	3	0.1	4.6		18	3	0.1	4.3
	18	3	0.1	4.3	24	00	3	0.1	3.6
12	00	3	0.1	4.5		06	3	0.1	3.8
	06	3	0.1	4.5		12	3	0.1	4.0
	12	3	0.1	4.3		18	3	0.1	4.4
	18	3	0.1	4.4					

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
25	00	3	0.1	4.2	04	00	3	9.3	5.5
	06	3	0.1	3.8				0.2	2.1
	12	3	0.1	4.2		06	3	0.3	5.6
	18	3	0.1	4.0				0.3	2.1
26	00	3	0.1	3.3		12	3	0.3	6.6
	06	3	0.1	4.2				0.2	2.0
	12	3	0.1	4.6		18	3	0.3	6.4
	18	3	0.1	4.6	05	00	2	0.3	6.2
27	00	3	0.1	4.5		06	2	0.3	6.3
	06	3	0.1	4.3		12	3	0.3	6.3
	12	3	0.1	4.1				0.2	1.8
	18	3	0.1	3.8		18	3	0.3	6.0
28	00	3	0.1	4.6				0.2	1.9
	06	3	0.1	3.8	06	Shock in Progress			
	12	3	0.1	3.9		06	3	0.3	5.9
	18	3	0.1	2.6				0.2	1.9
29	00	3	0.1	3.3		12	3	0.3	5.9
	06	3	0.1	3.7				0.2	2.0
	12	3	0.1	3.5		18	3	0.3	5.9
	18	3	0.1	3.0				0.2	1.9
30	00	3	0.1	3.1	07	00	3	0.3	6.1
	06	3	0.2	3.0				0.2	2.0
	12	3	0.3	3.0		06	3	0.3	6.1
	18	3	0.2	2.9				0.2	2.0
Station : BOMBAY						12	3	0.3	6.4
01	00	3	0.3	5.5				0.2	1.9
			0.3	1.7		18	3	0.3	6.2
	06	3	0.3	5.8				0.3	2.1
			0.3	2.9	08	00	3	0.3	6.2
			0.2	1.7				0.3	2.1
	12	3	0.3	5.8		06	Calibration MS(N-S)		
			0.2	2.0		12	3	0.3	6.4
	18	3	0.3	5.7				0.2	2.1
			0.3	2.3		18	3	0.3	6.2
02	00	3	0.3	5.8				0.2	2.0
			0.2	2.3	09	00	1	0.9	1.9
	06	3	0.3	5.9		06	1	1.1	2.3
			0.3	2.3		12	1	0.7	2.4
	12	3	0.3	5.6		18	3	0.3	6.0
			0.3	2.3				0.5	2.3
	18	3	0.3	5.4	10	00	3	0.3	6.1
			0.3	2.4				0.3	2.0
03	00	3	0.3	5.3		06	Calibration SR		
			0.3	2.2		12	3	0.3	6.1
	06	3	0.3	5.5				0.3	2.2
			0.2	2.4		18	3	0.3	6.0
	12	3	0.3	5.6				0.3	2.0
			0.3	2.4	11	00	3	0.3	6.0
	18	3	0.3	5.7				0.3	2.0
			0.3	2.2		06	3	0.3	5.5
								0.2	2.1
						12	3	0.3	2.1

April, 1969

- 34 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd	12	3	0.3	5.8	18	12	3	0.5	3.2
			0.3	2.0				0.2	1.8
	18	3	0.3	5.6		18	3	0.3	5.9
			0.3	2.1				0.3	2.7
			0.2	1.8				0.2	1.8
12	00	3	0.3	6.0					
			0.3	2.1	19	00	3	0.3	6.4
	06	3	0.3	6.3				0.3	3.1
			0.3	2.1				0.2	1.9
	12	3	0.4	6.8		06	3	0.3	5.9
			0.2	1.8				0.3	2.6
	18	3	0.3	7.5		12	3	0.3	5.7
			0.3	2.0				0.3	2.6
13	00	3	0.3	7.5		18	3	0.3	5.6
			0.2	1.9				0.3	2.5
	06	3	0.3	7.3				0.2	1.8
			0.2	1.9	20	00	3	0.3	5.9
	12	3	0.4	7.4				0.3	2.1
			0.2	1.9		06	3	0.3	5.4
	18	3	0.3	7.4				0.2	2.1
			0.2	1.9		12	3	0.3	5.4
14	00		Shock in Progress					0.2	2.0
	06	3	0.4	6.9		18	3	0.3	5.5
			0.3	2.4				0.2	2.0
	12	3	0.3	7.1	21	00	3	0.3	5.2
			0.2	2.0				0.2	2.2
	18	3	0.4	7.0		06	3	0.3	3.6
			0.3	2.2				0.2	2.0
15	00	3	0.4	7.0		12	3	0.3	3.8
			0.3	2.3				0.2	1.9
	06	3	0.3	7.0		18	3	0.3	4.7
			0.3	2.5				0.2	1.9
	12	3	0.3	7.0	22	00	3	0.3	4.7
			0.2	2.1				0.2	2.0
	18		Shock in Progress			06		Surface waves	
16	00	3	0.4	6.8		12	3	0.3	4.1
			0.5	2.4				0.2	2.0
	06	3	0.3	6.9		18	3	0.3	4.3
			0.3	2.4				0.2	2.2
	12	3	0.3	6.9	23	00	3	0.3	4.3
			0.3	2.4				0.2	2.1
	18	3	0.3	6.8		06	3	0.3	4.3
			0.3	2.3				0.3	2.4
17			Shock in Progress			12	3	0.3	2.6
	06	3	0.3	6.5				0.2	1.8
			0.3	2.4		18	3	0.3	2.2
	12	3	0.3	6.8				0.2	1.8
			0.3	2.5	24	00	3	0.3	2.6
	18	3	0.4	6.7		06	3	0.4	2.8
			0.5	3.1				0.2	1.8
18	00	3	0.5	3.6		12	3	0.3	5.9
	06	3	0.5	3.3				0.3	2.3
			0.2	1.8					

April, 1969

-35-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	18	3	0.3	5.9	01	12	3	0.3	3.8
			0.3	2.7		18	3	0.3	4.2
			0.2	1.9					
25	00	3	0.3	5.7	02	00	3	0.3	4.0
			0.3	2.4		06	3	0.3	4.0
	06	3	0.3	5.9		12	3	0.2	4.0
			0.3	2.4		18	3	0.3	4.1
	12	3	0.3	6.0	03	00	3	0.3	4.1
			0.3	2.4		06	3	0.3	4.2
	18	3	0.3	5.9		12	3	0.2	4.2
			0.3	2.1		18	3	0.3	4.2
26	00	3	0.3	6.0	04	00	3	0.3	4.1
			0.3	2.4		06	3	0.2	4.1
	06	3	0.3	5.8		12	3	0.3	4.2
			0.3	2.3		18	3	0.3	4.0
	12	3	0.3	5.9	05	00	3	0.3	4.0
			0.3	2.6		06	3	0.4	4.2
	18	3	0.3	5.9		12	3	0.4	4.1
			0.3	2.1		18	3	0.3	4.0
27	00	3	0.3	5.7	06	00	3	0.3	4.0
			0.3	2.4		06	3	0.2	3.8
	06	3	0.3	5.7		12	3	0.4	4.0
			0.3	2.3		18	3	0.4	3.9
	12	3	0.3	5.8	07	00	3	0.3	4.0
			0.3	2.4		06	3	0.3	3.6
	18	3	0.3	5.7		12	3	0.2	3.5
			0.3	2.5		18	3	0.3	3.8
28	00	3	0.3	5.6	08	00	3	0.3	3.7
			0.3	2.4		06	3	0.2	3.5
	06	3	0.3	5.6		12	3	0.2	2.5
			0.3	2.4		18	3	0.5	4.0
	12	3	0.3	5.6	09	00	3	0.4	4.0
			0.3	2.3		06	3	0.3	4.0
	18	3	0.3	5.4		12	3	0.3	4.1
			0.2	2.0		18	3	0.3	4.2
29	00	3	0.3	5.3	10	00	3	0.3	4.2
			0.2	1.8		06	3	0.3	4.1
	06	3	0.3	6.0		12	3	0.3	4.1
			0.2	1.9		18	3	0.3	4.0
	12	3	0.3	5.8	11	00	3	0.3	4.0
			0.2	2.0		06	3	0.3	3.8
	18	3	0.3	5.8		12	3	0.2	4.0
			0.3	2.3		18	3	0.3	4.0
30	00	3	0.3	5.6	12	00	3	0.2	4.1
			0.3	2.5		06	3	0.3	4.0
	06	3	0.3	5.7		12	3	0.3	4.0
			0.3	2.7		18	3	0.4	3.6
	12	3	0.5	3.0	13	00	3	0.4	3.7
	18	3	0.4	3.0		06	3	-	-
Station :	CALCUTTA								
01	00	3	0.3	4.0					
	06	3	0.3	3.7					

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd 12 Station : CALCUTTA					26	00	3	0.4	4.0
	18	3	0.4	3.5		06	3	0.5	4.2
14	00	...	Shock			12	3	0.4	4.1
	06	3	0.7	3.8		18	3	0.3	4.0
	12	3	0.7	3.7	27	00	3	0.4	4.0
	18	3	0.9	3.3		06	3	0.4	4.1
15	00	3	0.8	3.5		12	3	0.4	4.0
	06	3	0.8	4.0		18	3	0.5	4.0
	12	3	0.8	3.9	28	00	3	0.4	4.0
	18	...	Shock			06	3	0.4	3.8
16	00	3	0.5	4.0		12	3	0.4	3.9
	06	3	0.6	4.0		18	1	1.0	3.2
	12	3	0.5	3.8	29	00	3	0.7	3.7
	18	3	0.4	3.8		06	3	0.3	4.0
17	00	3	0.4	3.8		12	3	0.4	4.0
	06	3	0.4	3.6		18	3	0.6	3.5
	12	3	0.7	3.8	30	00	3	0.7	3.4
	18	...				06	1	2.6	3.5
18	00	...	Scismogram of			12	1	1.6	3.6
	18	...	...18.4.69 became useless			18	3	0.5	3.8
19	00	...	...due to defect develo-		Station : GOA N.S				
	06	...	...ped in presmme in		01	00	3	0.5	3.4
	12	...	...light dource			06	...	-	-
	18	...	Due to power failure			12	3	0.6	3.4
		3	0.5	3.5		18	3	0.5	3.4
20	00	3	0.4	3.8	02	00	3	0.5	3.6
	06	3	0.3	3.4		06	3	0.5	4.0
	12	3	0.3	3.4		12	3	0.5	3.6
	18	3	0.3	3.0		18	3	0.5	3.8
21	00	3	0.4	3.2	03	00	3	0.4	3.8
	06	3	0.4	3.5		06	3	0.6	4.0
	12	3	0.4	3.5		12	3	0.4	4.0
	18	3	0.5	3.3		18	3	0.4	4.0
22	00	3	0.4	3.4	04	00	3	0.5	4.0
	06	1	1.1	3.5		06	3	0.6	4.1
	12	1	2.2	3.4		12	3	0.6	4.0
	18	1	0.9	3.8		18	3	0.6	4.0
23	00	3	0.4	3.8	05	00	3	0.6	3.8
	06	...	Due to calibration			06	3	0.6	4.2
			No. record			12	...	-	-
	12	3	0.4	4.0		18	...	-	-
	18	3	0.5	4.0	06	00	...	-	-
24	00	3	0.3	4.0		18	...	-	-
	06	...	Calibration		07	00	...	-	-
	12	3	0.4	3.8		06	...	-	-
	18	3	0.4	4.0		12	3	0.5	4.2
25	00	3	0.3	4.0		18	...	-	-
	06	3	0.3	4.0	08	00	...	-	-
	12	3	0.3	4.0		18	...	-	-
	18	3	0.3	4.0					

APRIL, 1969

-37-

MICROSEISM TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
09	00	...	-	-	Cont.	12	...	-	-
	06	3	0.9	3.2		18	...	-	-
	12	3	0.6	3.0					
	18	3	0.6	3.2	22	00	...	-	-
10	00	3	0.5	3.0		06	3	0.5	3.2
	06	3	0.6	3.2		12	3	0.5	3.2
	12	3	0.5	3.0		18	3	0.5	3.0
	18	3	0.5	3.0	23	00	3	0.5	3.0
11	00	3	0.6	2.8		06	3	0.6	3.2
	06	3	0.5	2.8		12	3	0.6	3.2
	12	3	0.5	2.8		18	3	0.5	3.0
	18	3	0.5	3.4	24	00	3	0.5	3.2
12	00	3	0.5	3.4		06	3	0.5	3.4
	06	...	-	-		12	3	0.5	3.0
	12	3	0.5	3.0		18	3	0.5	3.0
	18	3	0.5	3.6	25	00	3	0.5	3.4
13	00	3	0.5	3.8		06	3	0.5	3.2
	06	3	0.5	4.2		12	3	0.5	3.4
	12	3	0.6	4.2		18	3	0.5	3.0
	18	3	0.5	3.4	26	00	3	0.5	3.2
14	00	...	-	-		06	3	0.5	3.4
	06	3	0.6	3.8		12	3	0.5	3.6
	12	3	0.6	3.6		18	3	0.5	3.6
	18	3	0.6	3.8	27	00	3	0.5	3.2
15	00	3	0.6	4.0		06	...	-	-
	06	3	0.6	3.8		12	...	-	-
	12	3	0.5	3.2		18	...	-	-
	18	...	-	-	28	00	...	-	-
16	00	3	0.5	3.2		06	3	0.4	3.0
	06	3	0.5	3.0		12	3	0.4	3.0
	12	3	0.5	3.2		18	3	0.5	3.4
	18	3	0.5	3.4	29	00	3	0.5	3.2
17	00	3	0.5	3.0		06	3	0.5	3.2
	06	3	0.5	3.2		12	3	0.6	3.4
	12	3	0.5	3.0		18	3	0.5	3.2
	18	3	0.5	3.0	30	00	3	0.6	3.0
18	00	3	0.6	3.2		06	3	0.5	3.2
	06	3	0.5	3.4		12	3	0.5	3.0
	12	3	0.6	3.2		18	3	0.5	3.2
	18	3	0.6	3.2					
19	00	3	0.5	2.8					
	06	3	0.5	3.0					
	12	3	0.5	3.6					
	18	...	-	-					
20	00	...	-	-					
	06	3	0.5	3.2					
	12	...	-	-					
	18	3	0.5	3.0					
21	00	3	0.5	3.2					
	06	...	-	-					

STATION : MADRAS.

01	00	2	0.2	5.7
	06	2	0.3	5.9
	12	2	0.3	6.4
	18	2	0.3	6.1
		2	0.2	5.9
02	00	2	0.2	5.2
	03	2	0.2	5.7

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
02	06	2	0.2	5.3		06	2	0.3	6.2
	12	2	0.3	5.2		12	2	0.3	6.5
	18	2	0.3	5.4		18	2	0.3	6.3
03	00	2	0.3	6.5		"	3	0.1	1.7
	03	2	0.3	6.1	11	00	2	0.3	6.5
	06	2	0.3	6.0		"	3	0.1	1.6
	12	2	0.3	6.4		03	2	0.2	5.3
	18	2	0.3	6.3		06	2	0.2	5.2
04	00	2	0.3	5.9		12	2	0.2	5.3
	03	2	0.3	6.7		18	2	0.2	5.4
	06	2	0.4	6.7	12	00	2	0.2	5.9
	12	2	0.5	6.8		03	2	0.3	6.1
	18	2	0.5	6.9		06	2	0.3	5.9
05	00	2	0.4	6.8		12	2	0.3	5.6
	03	...	Earthquake			18	2	0.3	6.5
	06	2	0.5	6.5	13	00	2	0.3	6.8
	12	2	0.4	6.4		03	2	0.3	7.2
	18	2	0.3	6.5		06	2	0.3	6.9
	"	3	0.1	1.6		12	2	0.4	7.3
						18	2	0.5	7.0
06	00	...	Earthquake		14	00	...	Earthquake	
	03	2	0.4	6.6		03	2	0.5	7.3
	"	3	0.1	1.6		06	2	0.5	7.4
	06	2	0.4	6.3		12	2	0.6	7.4
	"	3	0.1	1.6		18	2	0.6	7.4
	12	2	0.4	5.9	15	00	2	0.6	7.1
	18	2	0.3	6.4		03	2	0.6	7.3
07	00	2	0.4	6.3		06	2	0.5	7.2
	03	2	0.3	6.5		12	2	0.5	7.5
	06	2	0.3	6.1		18	...	Earthquake	
	12	2	0.4	6.3	16	00	2	0.5	7.3
	18	2	0.3	6.3		"	3	0.2	2.2
08	00	2	0.3	6.5		03	2	0.5	7.3
	03	2	0.3	6.2		"	3	0.2	2.1
	06	2	0.4	6.5		06	2	0.4	6.8
	12	2	0.3	6.4		"	3	0.2	2.3
	18	2	0.3	6.1		12	2	0.4	6.9
	"	3	0.1	1.9		"	3	0.2	2.5
09	00	2	0.3	5.8		18	2	0.5	6.9
	"	3	0.1	1.9		"	3	0.1	2.3
	03	2	0.4	6.2	17	00	2	0.4	6.8
	"	3	0.1	1.9		"	2	0.1	2.0
	06	2	0.3	6.2		03	2	0.2	2.4
	"	3	0.2	2.1		06	2	0.3	7.1
	12	2	0.3	6.1		12	2	0.3	6.8
	"	3	0.2	2.4		18	2	0.2	2.8
	18	2	0.5	6.3	18	00	2	0.3	2.9
	"	3	0.2	2.6		03	2	0.3	2.9
10	00	2	0.4	6.3		06	2	0.3	3.0
	03	2	0.5	6.4					

APRIL, 1969

-39-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
18	12	2	0.3	3.0		06	2	0.3	5.2
	18	2	0.2	3.1		12	2	0.3	5.4
19	00	2	0.3	4.4		18	2	0.3	5.3
	03	2	0.3	4.9	29	00	2	0.3	5.1
	06	2	0.4	4.6		03	2	0.3	5.5
	12	1	0.5	4.7		06	2	0.3	5.3
	18	1	0.7	4.5		12	2	0.3	5.1
20	00	1	0.5	4.7		18	2	0.2	5.0
	03	1	0.5	4.7	30	00	2	0.2	5.1
	06	2	0.4	4.7		03	2	0.2	5.1
	12	2	0.3	4.4		06	2	0.2	5.3
	18	2	0.3	4.1		12	2	0.3	5.1
21	00	2	0.3	4.1		18	2	0.2	5.1
	03	2	0.2	3.6			3	0.2	2.0
	06	2	0.3	3.7	PORT BLAIR				
	12	2	0.2	4.1	01	00	3	2.0	7.0
	18	2	0.2	4.3		06	3	1.6	7.0
22	00	2	0.3	4.4		12	3	1.6	7.0
	03	2	0.2	4.3		18	3	1.6	7.0
	06	2	0.2	4.6	02	00	3	1.6	7.0
	12	2	0.2	4.5		06	3	2.0	7.0
	18	2	0.3	4.9		12	3	1.6	7.0
23	00	2	0.2	4.7		18	3	1.6	7.0
	03	2	0.3	4.9	03	00	3	1.6	7.0
	06	2	0.3	4.8		06	3	1.6	7.0
	12	2	0.3	5.0		12	3	1.6	6.0
	18	2	0.3	5.0		18	3	2.0	7.0
24	00	2	0.2	5.0	04	00	3	2.0	7.0
	03	2	0.2	4.9		06	3	1.6	7.0
	06	2	0.3	5.4		12	3	1.6	7.0
	12	2	0.3	5.5		18	3	1.6	7.0
	18	2	0.3	5.7	05	00	3	1.6	7.0
25	00	2	0.3	5.8		06	3	1.6	7.0
	03	2	0.3	5.8		12	3	1.2	7.0
	06	...	No record			18	3	1.6	7.0
	12	2	0.3	5.8	06	00	3	2.0	7.0
	18	2	0.3	5.9		06	3	2.0	7.0
26	00	2	0.3	6.4		12	3	2.0	7.0
	03	2	0.3	6.1		18	3	2.0	7.0
	06	2	0.3	6.3	07	00	3	2.0	7.0
	12	2	0.3	6.3		06	3	2.0	7.0
	18	2	0.3	6.1		12	3	1.6	7.0
27	00	2	0.4	6.1		18	3	2.0	7.0
	03	2	0.3	6.0	08	00	3	2.0	7.0
	06	2	0.3	6.2		06	3	1.2	7.0
	12	2	0.3	5.8		12	3	1.6	7.0
	18	2	0.3	5.7		18	3	2.0	7.0
28	00	2	0.3	5.6					
	03	2	0.3	5.6					

APRIL, 1969

- 40 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
09	00	3	2.0	7.0	20	00	3	2.0	3.0
	06	3	1.6	7.0		06	3	1.6	3.0
	12	3	2.0	7.0				1.6	5.0
	18	3	2.0	7.0		12	3	1.6	2.0
10	00	3	2.0	7.0				1.6	5.0
	06	3	1.2	7.0		18	3	1.6	6.0
	12	3	1.2	7.0	21	00	3	1.6	6.0
	18	3	1.2	7.0		06	3	1.6	5.0
11	00	3	1.2	7.0		12	3	1.6	5.0
	06	3	1.2	5.0		18	3	1.6	5.0
	12	3	1.2	5.0	22	00	3	1.6	5.0
	18	3	1.2	5.0		06	3	1.6	5.0
			0.8	7.0		12	3	1.6	5.0
						18	3	1.6	5.0
12	00	3	1.2	7.0	23	00	3	1.6	5.0
	06	3	1.2	6.0		06	3	1.6	6.0
	12	3	1.2	7.0		12	3	1.6	6.0
	18	3	1.6	7.0		18	3	1.6	5.0
13	00	3	2.0	7.0	24	00	3	1.6	6.0
	06	3	1.6	7.0		06	3	1.6	5.0
	12	3	2.0	7.0				1.2	7.0
	18	3	2.4	7.0		12	3	1.6	5.0
14	00	...	-	-		18	3	1.6	7.0
	06	3	2.0	7.0	25	00	3	1.6	7.0
	12	3	2.0	7.0		06	3	1.2	5.0
	18	3	2.0	7.0				2.0	7.0
15	00	3	2.0	7.0		12	3	1.2	5.0
	06	3	1.6	7.0				2.0	7.0
	12	3	1.6	7.0		18	3	1.6	5.0
	18	3	2.0	7.0				2.0	7.0
16	00	3	1.6	7.0	26	00	3	1.6	5.0
	06	3	1.6	7.0				2.0	7.0
	12	3	2.0	7.0		06	3	1.6	7.0
	18	3	2.0	7.0		12	3	2.0	7.0
17	00	3	2.0	7.0		18	...	-	-
	06	3	2.0	7.0	27	00	...	-	-
	12	3	2.0	7.0		06	3	1.6	5.0
	18	3	2.0	7.0		12	3	1.6	6.0
18	00	3	1.6	3.0		18	3	1.6	5.0
			2.0	7.0	28	00	3	1.6	5.0
	06	3	1.6	3.0		06	3	1.2	5.0
			1.6	7.0		12	3	1.2	5.0
	12	3	1.6	3.0		18	3	1.2	5.0
			1.6	7.0	29	00	3	1.2	5.0
	18	3	1.6	3.0		06	3	1.2	5.0
			1.6	7.0		12	3	0.8	5.0
19	00	3	1.6	3.0				0.8	5.0
			2.0	5.0		18	3	0.8	5.0
	06	3	2.4	5.0				0.8	7.0
	12	3	2.0	5.0				0.8	5.0
	18	3	2.4	5.0				0.8	7.0

APRIL 1980

-41-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
30	00	3	0.8	5.0		12	3	0.4	4.0
			0.8	7.0		18	3	0.4	4.0
	06	3	1.2	7.0					
	12	3	0.8	7.0	13	00	3	0.4	4.0
	18	3	0.8	7.0		06	3	0.5	4.0
Station : SHILLONG						12	3	0.5	4.0
						18	...	-	-
01	00	0,0	0,0	0,0	14	00	3	0.5	4.0
	06	0,0	0,0	0,0		06	3	0.5	4.0
	12	3	0.4	4.0		12	3	0.5	4.0
	18	3	0.4	4.2		18	3	0.5	4.0
02	00	3	0.4	4.2	15	00	3	0.5	4.0
	06	3	0.4	4.2		06	3	0.5	4.0
	12	3	0.4	4.2		12	3	0.5	4.0
	18	3	0.4	4.2		18	3	0.5	4.0
03	00	3	0.4	4.3	16	00	3	0.5	4.0
	06	3	0.4	4.3		06	3	0.5	4.0
	12	3	0.4	4.3		12	3	0.5	4.0
	18	3	0.4	4.2		18	3	0.5	4.0
04	00	3	0.4	4.4	17	00	3	0.5	4.0
	06	3	0.4	4.2		06	3	0.5	4.0
	12	3	0.4	4.2		12	3	0.5	4.0
	18	3	0.4	4.5		18	3	0.5	4.0
05	00	3	0.4	4.5	18	00	3	0.7	5.0
	06	...	...	...		06	3	0.5	4.4
06	06	...	...	...		12	3	0.5	4.4
	12	3	0.4	4.4		18	3	0.5	4.4
	18	3	0.4	4.4	19	00	3	0.5	4.0
07	00	3	0.4	4.4		06	...	-	-
	06	...	-	-		12	3	0.5	4.0
	12	3	0.4	4.3		18	3	0.5	4.0
	18	3	0.4	4.3	20	00			
08	00	3	0.4	4.2		06	3	0.5	4.0
	06	3	0.4	4.3		12	...	-	-
	12	3	0.4	4.3		18	...	-	-
	18	3	0.4	4.3	21	00	...	-	-
09	00	3	0.4	4.3		06	3	0.4	4.2
	06	3	0.4	4.3		12	3	0.4	4.2
	12	3	0.4	4.5		18	3	0.4	4.2
	18	3	0.4	4.5	22	00	3	0.4	4.2
10	00	3	0.4	4.5		06	3	0.4	4.0
	06	3	0.4	4.2		12	3	0.4	4.0
	12	3	0.4	4.2		18	3	0.4	4.0
	18	3	0.4	4.2	23	00	3	0.4	4.0
11	00	3	0.4	4.2		06	3	0.4	4.0
	06	3	0.4	4.2		12	3	0.4	4.2
	12	3	0.4	4.2		18	3	0.4	4.2
	18	3	0.4	4.2	24	00	3	0.4	4.2
12	00	3	0.4	4.2					

APRIL, 1969

- 42 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	12	3	0.4	4.2		18	2	0.2	2.6
	18	3	0.4	4.2					
25	00	3	0.4	4.2	07	00	2	0.2	2.8
	06	3	0.4	4.2		06	2	0.2	2.8
	12	3	0.4	4.2		12	2	0.2	2.8
	18	3	0.4	4.2		18	2	0.3	2.6
26	00	3	0.4	4.2	08	00	2	0.4	2.5
	06	3	0.4	4.0		06	2	0.3	2.4
	12	3	0.4	4.0		12	2	0.3	2.6
	18	3	0.4	4.0		18	2	0.3	2.6
27	00	3	0.4	4.0	09	00	2	0.2	2.7
	06	3	0.4	4.0		06	...	Power failure	
	12	3	0.4	4.0		12	3	0.2	3.6
	18	3	0.4	4.0		18	3	0.5	6.2
28	00	3	0.4	4.0	10	00	3	0.5	6.5
	06	...	0.4	4.0		06	3	0.4	6.5
	12	3	0.4	4.0		12	3	0.4	6.4
	18	3	0.4	4.0		18	3	0.4	6.1
29	00	3	0.4	4.0	11	00	2	0.5	6.2
	06	3	0.4	4.0		06	2	0.4	6.1
	12	3	0.4	4.0		12	2	0.4	6.1
	18	3	0.4	4.0		18	3	0.3	6.1
30	00	3	0.4	4.2	12	00	2	0.3	6.1
	06	3	0.4	4.2		06	2	0.3	6.5
	12	3	0.4	4.0		12	2	0.4	6.7
	18	3	0.4	4.0		18	2	0.5	6.6
Station : TRIVANDRUM					13	00	2	0.4	6.1
01	00	3	0.3	6.4		06	2	0.5	7.1
	06	0,0	minute			12	2	0.5	7.0
	18	0,0				18	2	0.5	7.3
02	00	0,0	minute		14	00	...	Earthquake	
	18	0,0				06	2	0.6	6.7
03	00	0,0	minute			12	2	0.6	6.9
	06	...	Calibration			18	2	0.6	6.8
	12	2	0.4	6.3	15	00	2	0.7	6.7
	18	2	0.4	6.2		06	2	0.6	6.2
04	00	2	0.5	6.7		12	2	0.5	6.6
	06	2	0.4	6.1		18	...	Earthquake	
	12	2	0.6	6.3	16	00	3	0.4	3.7
	18	2	0.5	6.4		06	2	0.2	2.7
05	00	2	0.5	6.3		12	3	0.4	4.6
	06	2	0.5	6.2		18	3	0.4	5.0
	12	2	0.4	6.1	17	00	3	0.4	3.9
	18	2	0.4	6.0		06	3	0.4	3.9
06	00	2	0.5	5.8		12	3	0.3	3.5
	06	2	0.2	2.7		18	2	0.3	2.9
	12	2	0.2	2.7	18	00	2	0.4	3.4
						06	...	Shock	
						12	2	0.2	3.2

APRIL, 1969

-43-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN period in sec.
18	18	2	0.2	2.8	Station : VISAKHAPATNAM				
19	00	2	0.2	2.8	01	00	2	0.5	5.0
	06	2	0.3	3.1		06	2	0.4	4.2
	12	2	0.3	3.0		12	2	0.6	4.8
	18	2	0.4	3.3		18	2	0.6	4.8
20	00	2	0.4	3.5	02	00	2	0.4	4.2
	06	2	0.4	3.4		06	2	0.6	5.6
	12	2	0.4	3.4		12	2	0.5	5.4
	18	2	0.4	3.4		18	2	0.6	5.4
21	00	2	0.4	3.5	03	00	2	0.5	5.0
	06	2	0.3	3.2		06	2	0.7	5.5
	12	2	0.3	3.0		12	2	0.5	5.5
	18	2	0.3	2.8		18	2	0.6	6.0
22	00	2	0.4	3.0	04	00	2	0.4	4.6
	06	2	0.3	2.9		06	2	0.6	6.0
	12	2	0.4	3.2		12	2	0.6	6.0
	18	2	0.3	3.1		18	2	0.6	6.0
23	00	2	0.2	3.5	05	00	2	0.6	6.0
	06	2	0.3	3.4		06	2	0.5	5.5
	12	2	0.3	3.9		12	2	0.5	5.1
	18	2	0.3	4.0		18	2	0.4	5.0
24	00	2	0.4	4.2	06	00	Miceroseisimes v. feeble		
	06	2	0.5	4.0		06	2	0.6	5.2
	12	2	0.5	4.4		12	1	0.1	1.8
	18	3	0.5	4.4		18	1	0.1	1.8
25	00	3	0.5	4.3	07	00	1	0.1	1.8
	06	3	0.4	3.9		06	1	0.1	1.6
	12	3	0.4	4.6		12	1	0.1	1.6
	18	3	0.4	4.1		18	1	0.2	2.0
26	00	3	0.4	5.0	08	00	1	0.2	2.0
	06	3	0.4	4.0		06	1	0.1	1.8
	12	3	0.4	4.1		12	1	0.1	1.8
	18	2	0.4	3.4		18	1	0.1	1.8
27	00	2	0.3	3.4	09	00	1	0.1	1.8
	06	2	0.2	3.3		06	1	0.2	2.0
	12	2	0.3	3.1		12	1	0.2	2.0
	18	2	0.2	3.4		18	1	0.2	2.0
28	00	2	0.2	3.1	10	00	1	0.2	2.0
	06	2	0.2	3.2		06	1	0.1	1.8
	12	...	Power failure			12	1	0.1	1.8
	18	2	0.3	3.6		18	1	0.1	1.8
29	00	2	0.2	3.6	11	00	1	0.1	1.8
	06	2	0.2	3.6		06	2	0.6	5.4
	12	2	0.2	4.1		12	2	0.6	5.4
	18	2	0.2	3.8		18	2	0.6	5.2
30	00	2	0.3	4.0	12	00	2	0.5	5.2
	06	2	0.3	3.7		06	1	0.1	1.8
	12	2	0.3	3.4		12	1	0.1	1.8
	18	2	0.2	3.5		18	1	0.1	1.8

APRIL , 1969

-44-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
13	00	1	0.1	1.8	22	00	1	0.4	2.4
	06	1	0.3	2.5		06	1	0.4	3.0
	12	1	0.3	2.5		12	1	0.4	2.8
	18	1	0.3	2.5		18	1	0.5	3.0
14	00	1	0.3	2.5	23	00	1	0.4	2.8
	06	1	0.3	2.5		06	1	0.4	2.5
	12	1	0.3	2.5		12	1	0.4	2.8
	18	1	0.4	2.8		18	1	0.4	2.8
15	00	1	0.4	2.8	24	00	1	0.4	2.8
	06	1	0.5	3.0		06	1	0.4	2.5
	12	1	0.5	3.0		12	1	0.4	2.6
	18	1	0.5	3.0		18	1	0.5	2.6
16	00	1	0.5	3.0	25	00	1	0.6	2.7
	06	1	0.5	3.0		06	1	0.4	2.8
	12	1	0.5	3.0		12	1	0.4	2.5
	18	1	0.7	3.2		18	1	0.4	2.6
17	00	...	Power failure		26	00	1	0.4	2.5
	06	1	0.7	3.2		06	1	0.3	1.9
	12	1	0.6	3.0		12	1	0.3	1.9
	18	1	1.0	3.5		18	1	0.3	1.9
18	00	1	1.0	3.5	27	00	1	0.3	1.9
	06	1	1.0	3.5		06	2	0.5	6.2
	12	1	1.0	3.5		12	2	0.6	6.1
	18	1	1.2	3.6		18	2	0.6	6.0
19	00	1	1.0	3.5	28	00	2	0.6	6.0
	06	1	0.6	3.2		06	1	0.1	1.8
	12	1	0.5	3.0		12	1	0.2	2.0
	18	1	0.4	2.8		18	1	0.2	2.0
20	00	1	0.4	2.8	29	00	1	0.2	2.2
	06	...	Power failure			06	1	0.1	1.8
	12	1	0.4	2.8		12	1	0.1	1.8
	18	1	0.4	2.8		18	1	0.2	2.5
21	00	1	0.4	2.8	30	00	1	0.3	2.5
	06	1	0.4	2.5		06	1	0.4	2.5
	12	1	0.4	2.5		12	1	0.7	2.6
	18	1	0.4	2.5		18	1	1.0	2.8

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MAY, 1969

-1-

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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01	P00	e	00 56 37.5			MDR	eP	12 00 26	
01	BOM	e	00 58 51			KOD	eP	12 00 46.0	D
01	NDI	e	00 59 41			DDI	eP	12 01 10	D
		eS	01 00 44			MDI	eP	12 01 10.5	DS
01	CHA	e P	00 59 54			P00	eP	12 01 16.5	
01	P00	e	03 04 47		01	EPC: 1.6 N, 123.1E H = 12h 35m 30.2 (USCGS) Northern Celebes Depth = 85 Kms Mag = 4.8 (CGS)			
01	BOK	e	03 58 20			SHL	eP	12 42 44	
01	EPC: 44.0 N 77.9 E H= 04h 00m 08.7s (USCGS) Eastern Kazak SSR Depth 53 Kms, Mag.= 4.9 (CGS)						CHA	eP	12 43 21
	DDI	eP	04 03 20.0			KOD	eP	12 43 47.5	
	NDI	eP	04 03 47	C	01	EPC: 1.3N, 120.5E H = 16h 34m 58.9s (USCGS) Northern Celebes Depth = 62 kms Mag = 5.5 (CGS)			
	CHA	iP	04 04 28	C		SHL	eP	16 42 01	D
01	BOK	e	07 42 04			CHA	eP	16 42 36	C
01	BOK	e	08 08 47			P00	eP	16 43 42	
01	DDI	eP	08 11 40.2			NDI	iP	16 43 43.5	C
	NDI	e	08 12 04			DDI	eP	16 43 34 45	
01	CHA	iPg	09 26 28.1	D 0.7	01	EPC: 35.4N, 27.7E H = 18h 02m 14.6s(USCGS) Dodecanese Islands Depth 37 kms Mag = 5.2 (CGS)			
		eSg	26 37.6			NDI	eP	18 10 06	D 42.2
01	BOK	i	09 48 41				eS	16 25	
01	BOK	i	09 55 39			CHA	eP	18 11 15	
01	EPC: 5.1 125.2E H= 11h 52m 30.1s (USCGS) Mindanao, Philippine Island Depth= 230 Kms, Mag=5.2 (CGS)						KOD	eP	18 11 21.0
	SHL	iP	11 59 27	DSE 38.0		SHL	eP	18 11 46	D
		eS	05 03						
	BOK	iP	12 00 03	D					
	CHA	iP	12 00 05						

MAY, 1969

-2-

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	DDI	e	18 12 07.9	D		CHA	iP	20 15 42	C
01	EPC: 1.2 N, 120.5 E H = 19h 04m 40.7s (USCGS) Northern Celebes Depth = 51 Kms Mag = 5.3 (CGS)					KOD	eP	20 15 48.5	
	SHL	eP	19 11 46	D		SHL	eP	20 16 11	
	NDI	eP	19 13 28		01	CHA	eP	20 20 06	
						POO	e	20 32 59	
						KOD	eP	20 33 31.2	
01	EPC: 16.8 S, 174.7 W H = 19h 05m 24.7s (USCGS) Tonga Islands Depth = 205 Kms, Mag = 6.0				01	SHL	eP	21 49 34	
					02	NDI	ePn eSn	02 40 31 41 15	3.6
					02	SHL	eP	03 20 50	
01	PBA	e	19 18 29	C	02	POO	e	04 15 26	
	SHL	e	19 18 50	D	02	EPC: 6.6s, 129.6 E H = 05h 05m 16.8s (USCGS) Banda Sea Depth = 133 Kms Mag = 5.3 (CGS)			
	MDR	e	19 22 46			SHL	eP	05 13 49	C
	DDI	e	19 23 04.6			KOD	eP	05 14 32	
	BOK	iPKP	19 23 33	CSW		POO	e	05 15 12.5	
	CHA	ePKP	19 23 25	D		NDI	iP i	05 15 19.0 15 25.5	C
		eSKS	29 31		02	BOK	e	08 23 14	
	KOD	ePKP	19 23 36		02	BOK	e	08 40 36	
	VIS	ePKP	19 23 37		02	POO	e	09 19 16	
	NDI	ePKP	19 23 40			KOD	eP	09 19 26.0	
		PKPK	24 35		02	BOK	i	10 24 25	
		iPS	34 10		02	POO	ePg eSg eSn	10 47 06.2 47 22 47 25.3	1.2
	POO	ePKP	19 23 43			BOM	iPn eSn	10 47 17 47 41	C 1.9
	GOA	ePKP	19 23 44						
	BOM	ePKP	19 24 41						
01	EPC: 35.3 N, 27.6 E H = 20h 06m 40.9s (USCGS) Dodecanese Islands Depth 32 Kms Mag = 4.7 (CGS)								
	NDI	eP	20 14 32						
	DDI	eP	20 14 55.8						

MAY, 1969

- 3 -

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
	KOD	e	10	50	42		KOD	KOD eP	22	56	17	17	C	
02	SHL	ePn	12	04	55	4.2	02	DDI	eP	23	15	06.7		
		eSn		05	45		03	NDI	eP	00	39	39.1		
		eSg		06	07		03	NDI	eP	00	41	28		
02	KOD	iP	12	57	52.5		03	MDR	eP	03	27	49		
02	EPC: 34.3N, 26.2E - H = 18h 38m 13.0s(USCGS) Crete, Depth = 21 Kms. Mag. = 4.3 (CGS)													
	NDI	eP	18	46	18		03		e		28	19		
	POO	eP	18	46	31		03		e		30	31		
	CHA	iP	18	47	27	D	03	NDI	eP	03	47	41		
	SHL	eP	18	47	57		03	POO	e	06	43	13		
02	SHL	ePn	19	28	12	1.3	03	BOK	e	08	28	25		
		Sg		28	30				e		28	26		
02	EPC: 40.9N, 143.0E Off east coast of Honshu, Japan Felt in Norther Japan - H = 20h 40m 11.3s(USCGS) Depth = 54 Km, Mag. = 4.7 (CGS)							03	NDI	eP	12	25	30	
	SHL	iP	20	48	21	C			e		25	49		
	CHA	eP	20	48	45		03	POO	e	12	26	26		
	DDI	eP	20	49	24		03	KOD	eP	12	59	29		
	NDI	eP	20	49	33		03	EPC: 24.5N, 87.7E - H = 13h 23m 31s Mag. = 4.2 (New Delhi)						
	POO	eP	20	50	31			BOK	iPn	13	24	02	CW 1.7	
02	EPC: 40.1N, 142.3E - H = 22h 45m 44.0s(USCGS) Near East Coast of Honshu JAPAN Felt in norther Japan Depth = 50 Km, Mag. 4.8(CGS)								iSn		24	25		
	SHL	iP	22	53	49	C		CAL	ePn	13	24	05		
	CHA	iP	22	54	14	D		SHL	iP	13	24	31	DSW	
	NDI	eP	22	55	07.8	C		CHA	eSn	13	24	34.1		
	POO	eP	22	56	00			NDI	iP	13	26	02.4	DE 9.9	
									eS		27	55.5	M=5.5	
									i		28	05		
									i		29	10		
	SHL	iP	22	53	49	C		DDI	eP	13	26	05		
	CHA	iP	22	54	14	D		POO	eP	13	26	47		
	NDI	eP	22	55	07.8	C			e		29	15		
	POO	eP	22	56	00			KOD	eP	13	27	24		
								BHK	e	13	28	56.2		
								BOM	eS	13	29	27		
									e		31	00		

MAY, 1969

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DATE	STN	PHASE	H. M. S.	∠ Deg.	DATE	STN	PHASE H. M. S.	∠ Deg.	
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03	NDI	e	17 01 40		Region				
03	NDI	e	17 02 57		Depth = 126 Kms.				
03	NDI	iPg eSg	17 10 39.8 C 10 40.3	0.04	BHK	ePn eSn	03 23 38 24 46.0		
03	NDI	eSg	17 11 06		DDI	eP iS	03 23 59 25 25	8.0	
03	PBA	e	17 14 28.4		NDI	eP eS	03 24 12.5 CSW 25 48	8.9	
03	NDI	eP	17 18 40		P00	e	03 26 10		
03	NDI	e	17 51 06		SHL	iP	03 26 34 C		
03	CHA	iP	18 58 18 C		04	NDI	iPg iSg	04 28 25.5 CNE 28 27.5	0.15
03	NDI	eP	18 59 22		DDI	iP iS	04 28 55.5 C 29 22.0	2.05	
03	CHA	iP	19 01 53 C		04	P00	e	04 33 36	
03	SHL	ePn eSn	19 35 13 35 48	2.8	04	SHL	iPn eSn	06 46 07 CNW 46 36	2.3
03	NDI	e	19 35 23		felt locally.				
03	CHA	eP	19 37 20		BOK	e	06 46 50		
03	NDI	eP	20 39 06		CHA	iP S	06 47 06.7 C 48 18.4	6.2	
03	SHL	ePg eSg	21 00 04 01 16	0.9	04	NDI	eP	06 51 51	
	CHA	eP	21 00 48		P00	e	06 53 27		
	CHA	iP	21 01 32 C		04	SHL	ePg eSg	09 01 20 C 01 28	0.6
03	EPC: 51.8N, 173.8W - H = 21h 21m 02.1s(USCGS) Andrean of Islands, Aleution Islands Depth = 57Km, Mag. 4.1				04	DDI	eP	09 23 37.5	
	SHL	e	21 32 27 C		NDI	eP	09 24 35		
	CHA	e	21 32 40 D		04	NDI	iPg iSg	09 56 50.1 CE 56 52.8	0.2
	P00	e	21 33 50.5		04	NDI	iPg iSg	11 45 34.6 CE 45 37.4	0.21
04	NDI	e	02 12 22		04	EPC: 17.4S, 168.9E - H = 12h 36m 33.4s(USCGS)			
04	EPC: 36.4N, 71.5E - H = 03h 22m 03.7s(USCGS) AFGHANISTAN-USSR Boarder								

MAY, 1969

- 5 -

 DATE STN PHASE H. M. S.

 Δ
 Deg.

 DATE STN PHASE H. M. S.

 Δ
 Deg.

 New Hebrides Islands
 Felt at Port Villa
 Depth = 11 Kms.
 Mag. = 5.5 (CGS)

Depth# 165Kms. Mag=5.5 (CGS)

SHL iP	12 49 17	D		BOK eP	17 26 31		43.9
BOK iP	12 49 45	C	92.0	eS	32 44		
iSKS	13 00 15			MDR eP	17 26 38		
iS	00 43			KOD eP	17 26 54		
VIS iP	12 49 45	CW		DDI iP	17 27 21.2	C	
MDR eP	12 49 52		93.4	POO eP	17 27 32		
PP	53 35			NDI iP	17 27 35	CE	
SKS	13 00 25			BHK eP	17 27 50.0		
eS	00 55			04 BHK e	18 45 22.0		
SP	02 55			i	45 41.0		
DDI eP	12 50 19			04 DDI eP	18 45 51.2		
BOM eP	12 50 31		102.0	04 NDI e	18 46 06	CE	1.6
eSKS	01 06			ePn	46 10		
CHA iSKS	13 00 17			iSn	46 44		
04 EPC: 41.5N, 86.7E.				04 NDI iPg	20 56 48.7	CNE	0.2
H= 13h 48m 33.6s (USCGS)				iSg	56 51.1	M=3.0	
Southern Sinkiang Proy China				DDI iP	20 57 18.5	C	2.0
Depth= 32Kms. Mag=4.7(CGS)				iS	57 44.5		
BHK eP	13 51 39.8			04 POO eP	21 02 09		
e	55 04.0			04 NDI iPg	21 03 54.9	CE	0.2
DDI eP	13 51 41.2			iSg	03 57.6		
NDI eP	13 52 04			05 PBA iP	02 21 23	C	
SHL iP	13 52 24	D		05 EPC: 11.9N, 41.3E. H=02h 45m			
BOK eP	13 52 43		18.0	38.9s(USCGS) ETHIOPIA			
i	55 59			Depth= 35Kms Mag= 5.2 (CGS)			
POO eP	13 54 02			DDI eP	02 52 02.8		
KOD eP	13 55 03.5			NDI eP	02 52 50		37.5
04 EPC: 8.6S, 121.3E. H= 15h				eS	58 40		
12m 07.6s (USCGS) FLORES ISLAND				MDR eP	02 52 56		
REGION Depth=54Km Mag=5.1(CGS)				BOK eP	02 53 44		
SHL iP	15 20 11	C		05 KOD eP	05 29 07.5		
MDR eP	15 20 25			05 EPC: 36.0N 10.4 W H= 05h 34m			
POO eP	15 21 24			23.5s (USCGS) North atlantic			
04 EPC: 0.0N, 123.3E H= 17h 18m				Ocean, Felt in Morocco			
38.8s (USCGS) Northern Celebes							

MAY, 1960

- 6 -

DATE STN PHASE I. M. S.	Δ Deg.	DATE STN PHASE H. M. S.	Δ Deg.
Portugal and Spain Depth= 29 Kms. Mag=5.5		05 BOK i 22 08 39	
DDI eP 05 45 45 C		05 SHL iPn 22 47 41 C 1.5	
NDI iP 05 45 45.0 CSE		Pg 47 43	
POO eP 05 46 02		PP 47 48	
BOK eP 05 46 37		eSn 48 02	
KOD iP 05 46 45.0 CE		CHA iP 22 48 43.6 D 5.7	
VIS iP 05 46 45 C		eS 49 50.1	
MDR eP 05 46 47		05 KOD eP 22 59 06.8	
SHL iP 05 46 55 CSE		05 NDI eP 23 54 38 6.2	
PBA iP 05 47 39		eS 55 50	
05 SHL eP 06 15 47		DDI eP 23 54 47.8	
05 SHL ePn 08 53 17 2.8		05 POO eP 23 59 05	
eSn 53 52		06 NDI i 04 41 33	
05 EPC: 30.8S, 71.8 W		06 CHA iPg 08 13 08.1 C 0.6	
H= 13h 52m 39.6s (USCGS)		eSg 13 15.3 M= 3½	
NEAR COAST OF CENTRAL CHILE?		SHL eP 08 14 08	
Felt Depth= 38Km Mag=5.3(CGS)		06 BOK e 08 32 39	
KOD ePKP 14 12 14		06 NDI i 08 48 10	
BOM ePKP 14 12 17		06 BOK e 08 50 33	
POO ePKP 14 12 19		06 CHA iP 09 11 38.7 C 2.1	
MDR ePKP 14 12 25		eS 12 05.7 M= 3½	
NDI ePKP 14 12 28 D		06 POO e 11 54 31	
DDI ePKP 14 12 30		06 POO e 12 16 05	
BOK ePKP 14 12 35		06 DDI eP 12 18 32.3	
ePP 12 53		NDI iPn 12 18 33.8 D 3.7	
SHL iPKP 14 12 41 C		i 18 35	
05 DDI eP 15 11 17.6		iPg 18 48.7	
05 EPC: 66.8N, 18.2W.		i 19 09.0	
H= 21h 47m 31.7s (USCGS)		iSn 19 18.0	
ICELAND REGION?		06 VIS eP 12 54 21 25.6	
Depth= 33Kms. Mag= 5.2 (CGS)		ePcP 57 34	
DDI iP 21 58 10 C		eS 58 47	
NDI eP 21 58 17		06 CHA iP 14 24 27 D	
CHA iP 21 58 52		06 DDI eP 17 38 03	
POO eP 21 59 05		06 PBA iP 19 08 05.3 CN 1.7	
SHL iP 21 59 06 C		iS 08 27.8	
		SHL eP 19 10 56 14.0	
		eS 13 35	
		CHA eP 19 11 26	
		06 KOD eP 19 14 06.5	

MAY, 1969

- 7 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
06	P00	e	19	16	25		07	EPC: 6.9S, 122.5E.					
06	SHL	iPg Sg	21	34	51	DSW 0.3		H= 13h 48m 28.4s (USCGS)					
				34	55			FLORES SEA?					
								Depth= 33KM, Mag= 4.9 (CGS)					
06	DDI	eP	23	43	39.1			SHL eP	13	56	30		
06	NDI	e	23	45	30			MDR eP	13	56	54		
		e		46	02			KOD eP	13	57	06		
07	NDI	e	00	06	57			P00 e	13	58	01		
07	BOK	e	01	55	15			NDI eP	13	58	01	43.3	
07	SHL	iP	04	30	22	CNW	07	KOD eP	14	04	15		
07	BOK	e	05	14	06		07	NDI eP	14	53	50		
07	P00	ePg	05	24	51.5		07	DDI eP	15	40	20.8		
07	BOK	i	06	07	30		07	NDI eP	15	40	30	8.6	
		i		18	16			eS		42	09		
07	SHL	eP	06	23	14		07	NDI eP	15	50	52		
07	KOD	e	08	01	05.2		07	SHL iP	18	34	27	C	
07	EPC: 12.1N, 124.6E.						07	SHL iP	19	24	29	C	
	H= 08h 52m 50.8s (USCGS)						07	EPC: 5.2S, 152.7E.					
	SAMAR, Philippines Islands							H= 22h 17m 35.4s (USCGS)					
	Felt. Depth=134Km. Mag=5.2()							NEW BRITAIN REGION, Felt at					
	PBA iP	08	59	00	D			Rabul. Depth=54Kms, Mag=5.1(CGS)					
	SHL iP	08	59	20				SHL iP	22	28	21	C	
	CHA iP	08	59	59	D			CHA iP	22	28	51		
	BOK iP	09	00	03	DE 39.0			DDI iP	22	29	39		
		iS		05	51			NDI eP	22	29	41		
	VIS iP	09	00	14	CE		08	EPC: 8.1 S, 116.8 S.					
	MDR iP	09	00	42	DW			H= 01h 52m 04.1S (USCGS)					
	NDI iP	09	01	09.5	DE			SUMBAWA ISLAND REGION					
		ePP		03	06			Depth= 35Km, Mag= 4.8					
	BHK eP	09	01	21				NDI eP	02	00	34		
	POC eP	09	01	27				KOD eP	02	00	44.5		
	BOM iP	09	01	36	DE 48.2			P00 eP	02	00	57		
		eS		08	35			NDI iPg	02	31	24.7	CSE 0.5	
07	DDI iP	09	16	08.9	D			iSg		31	31.2	M= 3.4	
07	NDI e	10	58	08			08	P00 eP	02	35	39		
07	SHL iP	13	06	02			08	BOK i	08	48	23		
07	NDI ePn	13	42	54	6.2		08	BOK e	08	56	57		
		eSn		24	06			i		56	58		
07	DDI eP	13	43	49.3			08	BOK i	09	56	50		
							08	BOM e	10	38	45		

MAY, 1968

8

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
08	P00	ePg i	10	38	45 56.5		09	BOK	e	08	49	09	
08	KOD	eP	10	43	03.5		09	SHL	iP	13	38	17	C
08	CHA	iPg eSg	13	40	05.4 C 40 19.5 M=3.0	1.0	09	DDI	eP	18	58	27.5	
08	DDI	eP	16	11	32.3		09	BOM	e	20	42	07	
08	NDI	eP e	16	12	13 12 51		10	NDI	iPg iSg	02	22	44.4 C 22 47.3	0.22
08	EPC:		38.1N,	72.3N.			10	PBA	iPg iSg	03	51	57.5 C 52 10.0	1.0
			H= 17h 49m 51.7s (USCGS)				10	BOK	e	07	27	01	
			TADHZIK SSR, Depth= 33 Kms.				10	BOK	e	07	57	12	
0	BHK	eP	17	51	45		10	NDI	e i	09	35	14 35 17	
	DDI	eP eS	17	52	05 53 44	09.1	10	SHL	eP	09	37	00	
	NDI	eP eS	17	52	18 54 04	10.0	10	BOK	e i	10	29	29 29 30	
	CHA	iP	17	53	46	D	10	SHL	ePn eSn eSg	10	40	29 41 20 41 42	4.3
	SHL	iP	17	54	33	C							
08	CHA	iP	17	56	48	C							
08	P00	eP	17	57	29.5		10	EPC:		36.2N,	71.4E.		
08	BOK	i	18	05	47					H= 13h 07m 30.4s (USCGS)			
08	P00	e	18	29	43.5					AFGHANISTAN USSR BORDER			
08	EPC:		5.6S,	146.2E.						REGION Depth=161 Kms.			
			H=22h 37m 16.8s (USCGS)					DDI	eP	13	09	24	
			EAST NEW GUINEA REGION,					NDI	ePn e eSn	13	09	37 11 09 11 13	09.0
			Depth= 76 Kms, Mag=5.1(CGS)										
	SHL	iP	22	47	25	C	10	KOD	eP	15	23	55.0	
	CHA	iP	22	47	55	C	10	NDI	e	16	22	41	
	KOD	eP	22	48	25		10	CHA	eP	17	07	22	
	NDI	iP	22	48	48	C	10	P00	eP	17	08	05	
	P00	eP	22	48	52		10	NDI	e	17	09	37	
08	DDI	eP	23	46	09		10	SHL	iP	19	45	53	C
	NDI	eP eS	23	46	25 48 02	8.4	10	SHL	iP	20	31	24	
09	KOD	eP	02	02	15.5		10	CHA	iP	20	32	22	C
09	PBA	iPg iP/Sg	03	22	14.2 D 22 19.2	0.4	10	CHA	iP	21	20	14	C
09	BOK	e	07	59	37		10	BOK	eP iS(?)	21	44	03 44 16	
09	BOK	e	08	27	35		10	CAL	e	21	44	23	

MAY, 1969

- 9 -

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
10	CHA	iP S	21	44	50.5 45 31.1	C 3.4	11	NDI	iPn eSn	07	52	19.0 53 37	D 6.8	
10	NDI	e e	21	47	47 48 49		11	EPC:	45.0N, 148.6E					
10	P00	eP	21	48	41				- H = 10h 42m 46.6s(USCGS)					
11	EPC:	14.3N, 56.7E							Kurile Islands,					
		- H = 00h 18m 41.9s(USCGS)							Depth = 112Km, Mag. 4.7					
		Arabian Sea,							SHL	iP	10	51	25	
		Depth = 32 Kms, Mag. 5.1							NDI	eP	10	52	27	
	BOM	eP eSS	00	22	25 25 40				P00	eP	10	53	25	
	GOA	eP	00	22	33		11	EPC:	17.8N, 145.9E					
	P00	eP	00	22	35				- H = 12h 10m 04.9s(USCGS)					
	MDR	eP	00	23	43				Mariana Islands,					
	NDI	iP	00	23	54.0	CNE			Depth = 135Kms, Mag. 4.9					
	SHL	iP	00	25	31	D			SHL	eP	12	18	52	
11	BOK	i	00	29	37				NDI	eP	12	20	23	
11	BOM	e	02	24	46		11	P00	eP	12	20	51		
11	EPC:	4.4N, 127.9E							EPC:	36.2N, 71.3E				
		- H = 03h 29m 24.5s(USCGS)							- H = 13h 16m 32.7s(USCGS)					
		Taland Islands							Afghanistan-USSR Border Region					
		Depth = 59 Kms, Mag. 4.6							Depth = 110Kms, Mag. 4.5(CGS)					
	SHL	iP	03	37	00	C			BHK	eP	13	18	17	
	NDI	iP	03	38	43	D			DDI	eP	13	18	32.8	
11	P00	e	03	44	02				NDI	eP eS	13	18	41 20 18	8.7
11	NDI	ePn iSn	03	59	34 04 00 19	3.8			SHL	eP	13	21	06	
11	P00	e	04	04	48				KOD	eP	14	19	02.0	
11	TOKK	i	04	14	15.5				P00	e	18	21	02	
11	SHL	eP	04	16	18				NDI	eP iS	18	36	59 38 31	8.0
11	SHL	iP	05	10	54				DDI	eP	18	38	42.8	
11	SHL	eP	05	29	04				SHL	iP	19	44	16	D
11	DDI	eP	06	32	12.5				P00	e	20	04	25	
									KOD	iP	20	45	25.8	CN

MAY, 1969

- 11 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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13	BOM	eP	14 29 54			TRD	iP	14 37 56	W 46.5
contd.							ipP	39 47	
							eS	43 56	
1	GOA	iP	14 30 01.4			CHA	iP	14 38 00	CN 47
	KOD	eP	14 30 02				iP	38 02	
13	EPC: 11.5N, 86.4W - H = 14h 16m 52.8s(USCGS) Near Coast of Nicaragua FELT Depth = 79 Kms, Mag. 5.6(CGS) Mag. 5.7 (BRK)						eS	44 07	
						GOA	eP	14 38 35	
	DDI	ePKP	14 36 00.8			POO	iP	14 38 41.5	C
	SHL	iPkP	14 36 16	C		BOM	iP	14 38 50	CW 54
							eS	45 36	
	BOK	iPkP	14 36 19	CNW 53.5		NDI	iP	14 38 56.3	CW 56
		i	37 54				i	38 58	
		i	39 44				i	39 50	
		i	42 49				i	40 55	
		iS	43 51				iS	45 50	
		i	46 41			13	DDI	eP	14 38 59.3
		SS	47 13				epP	40 53	56.5
							eS	45 56	
	POO	ePKP	14 36 19						
	VIS	ePkP	14 36 32			BHK	eP	1439 12.0	57.0
							eS	46 20.0	
	MDR	ePkP	14 36 36	39.5		13	BOM	e	15 28 -
						13	MDR	e	15 37 14
	KOD	ePkP	14 36 38.0			13	CHA	iP	17 56 55
13	EPC: 7.2S, 120.9E - H = 14h 30m 19.6s(USCGS) Depth 616Kms., FLORES SEA, Mag. = 5.6								C
	PBA	eP	14 36 15				SHL	iP	17 57 25
		pp	38 00			13	POO	eP	17 58 01
		eS	40 54			13	SHL	eP	19 45 13
	SHL	iP	14 37 29	C		13	BOM	e	20 36 31
	CAL	iP	14 37 36	E 44		14	SHL	eP	00 45 28
		iS	43 18			14	NDI	eP	06 20 40
							eS	22 24	9.1
13	VIS	iP	14 37 41			14	BOK	e	09 14 49
	MDR	iP	14 37 45	CE 45			DDI	iP	10 13 07.1
		pp	39 37			14	EPC: 35.3N, 27.8E. H= 10h 05m 15.8s(USCGS) Dodecanes Islands Depth= 31Km. Mag=5.1 (CGS)		
		PP	39 46						
		iS	43 41						
		SS	47 05						

MAY, 1969

- 12 -

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DATE	STN	PHASE	H. M. S.	△ Deg	DATE	STN	PHASE	H. M. S.	△ Deg.
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	POO	eP	10 13 23			BOK	iP	19 44 33	CSW 74.7
	BOK	eP	10 14 18				iP	44 35	
	KOD	iP	10 14 22.5	C			PP	47 23	
	SHL	iP	10 14 59	D			iS	54 09	
14	NDI	eP	14 08 21				SS	58 55	
14	DDI	eP	17 05 17.6	13.4		NDI	iP	19 44 38.9	CSW 75.5
		eS	06 49.1				PP	47 20	
	DDI	eP	17 05 30	8.3			PPP	49 16	
		eS	07 05				eS	54 18	
14	BOK	i	18 21 31				SS	59 20	
		i	21 36			PBA	iP	19 45 00	DS 78.0
14	CHA	iP	18 22 22.4	C 3.4			PP	48 05	
		Pg	22 35.3				eS	54 54	
		LR	23 02.5				PS	56 03	
		S	23 03.9			VIS	eP	19 45 05	81.0
		SS	23 14.5				iPP	48 20	
		Sg	23 18.9				iS	55 13	
14	EPC:51.3N, 179°39'W, H= 19h 32m						iSS	20 00 44	
	54.7s (USCGS) ANDREAN OF					POO	iP	19 45 32.0	C 85.8
	ISLAND. FELT On adak and						iS	56 05	
	Amchitka. Depth= 21 Kms.					BOM	iP	19 45 33	CSW 85.8
	Mag= 6.2, 7.0						PP	48 53	
	SHL	iP	19 44 14	CSW 69.0			PPP	50 50	
		PP	46 44				iS	56 06	
		iS	53 19			MDR	iP	19 45 35	C 83.0
		SS	57 40				PP	48 50	
14	TOC	e	19 44 00				PPP	50 41	
	CHA	iP	19 44 16	CSW 71.8			CS	55 54	
		PP	46 57	M= 7 $\frac{3}{4}$			PS	56 47	
		iS	53 36				PPS	57 12	
		PS	54 07			GOA	iP	19 45 43.3	DSW 85.6
		PPS	54 23				PP	49 15.3	
		SS	58 13				iS	56 15.5	
	CAL	iP	19 44 30	SW 72.7			PS	57 09.7	
		iS	53 35				PPS	57 40.3	
		SS	58 25				SS	20 02 01.3	
		SSS	20 01 35			KOD	iP	19 45 54.0	C 87.0
	DDI	iP	19 44 30.3	C 73.0			PP	49 34.0	
		PP	47 12.3				PPP	51 20.0	
		PPP	48 56.8				iS	56 28.0	
		iS	53 55.8				PS	57 40.0	
		SS	58 23.5				SS	20 02 24.0	
		SSS	20 01 42.2			TRD	eP	19 46 04	88.0
	BHK	iP	19 44 30.4				PP	49 25	
		ePE	47 03.0				eS	56 37	
							SS	20 02 33	
					14	CHA	eP	20 11 57	

MAY, 1971

- 13 -

DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
14	SHL	iP	20 22 00	C	15	BOK	i	10 59 43	
14	CHA	iP	20 22 01	D	15	KOD	eP	11 03 50.0	
14	NDI	eP	20 22 25	C	15	EPC: 35.4N, 27.8E - H = 12h 05m 55.5s(USCGS) Dode. Canese Islands Depth = 3.2 Kms, Mag. 4.9 (CGS)			
14	POO	eP	20 23 17			NDI	eP	12 13 46	
14	EPC: 43.3 N, 146.5 E. - H = 20h 34m 09.9s(USCGS) Kurile Islands Depth = 33 Kms, Mag. = 5.0					DDI	eP	12 13 48.4	
	SHL	eP	20 42 56			SHL	iP	12 15 38	C
	CHA	iP	20 43 07	D	15	NDI	eP	12 54 04	
	POO	eP	20 44 48.7		15	SHL	iP	16 14 58	D
	KOD	eP	20 45 07.5			e		15 38	
14	BOM	e	21 39 37		15	TOC	eP	16 15 21	
14	SHL	iP	23 45 37	D		CHA	iP	16 15 41.9	D 7.5
15	NDI	e	00 05 21			PPP		15 55.0	
15	SHL	iP	02 32 58	C		S		17 08.0	
15	NDI	eP	03 32 32			SS+LR		17 19.0	
15	NDI	eP	03 34 10		15	BOK	e	16 17 06	
15	POO	e	05 44 46		15	NDI	eP	16 20 32	
15	BOK	i	07 32 24		15	POO	ePg	16 37 50	1.2
15	DDI	iP	07 47 52.5	C		eSg		38 06	
15	NDI	eP	07 48 43			BOM	e	16 38 24	
15	SHL	iP	07 59 15	C		POO	eP	17 34 48	
15	EPC: 16.1N, 121.9E - H = 07h 53m 03.8s(USCGS) Luzon, Phillipines Is., Felt Depth = 57 Kms, Mag. 5.2(CGS)				15	BOM	e	18 24 23	
	DDI	eP	08 00 52.3		15	EPC: 34.6N, 70.9E - H = 20h 39m 45.8s(USCGS) Afghanistan, Depth = 22 Kms, Mag. 5.6(CGS)			
	NDI	eP	08 00 57	C		BHK	eP	20 41 25.6	6.6
	KOD	iP	08 01 05.5	C		PP		41 36.0	
	POO	eP	08 01 22.5			iS		42 20.4	
15	BOK	e	08 04 22			DDI	iP	20 41 35.8	D 7.0
						iS		42 51.3	
						NDI	ePn	20 41 43.0	8.0
						ipP		41 46.5	
						Sn		43 13.5	

MAY, 1969

- 14 -

DATE STN PHASE H. M. S.					Δ Deg.	DATE STN PHASE H. M. S.					Δ Deg.	
15	Cont.	BOM	eP	20 43 25			GOA	iP	22 46 45.2		52.0	
								iS	53 29.6			
		TGC	e	20 43			POO	iP	22 46 51.5	C		
			e	44 02			BOM	iP	22 46 58	CW		
		CHA	iP	20 43 31	C 15.2		NDI	iP	22 47 07.5	CN 54.5		
			iS	46 21			DDI	iP	22 47 10.1	C		
		POO	eP	20 43 33			16	DDI	eP	00 28 15.5		
		BOK	eP	20 43 54	17.8		NDI	ePn	00 28 24	7.6		
			iS	47 08				eSn	29 52			
		CAL	iP	20 44 21	W		16	POC	eP	00 52 52		
		VIS	iP	20 44 25	CW 21.8		16	NDI	eP	01 55 29		
			ePP	44 51			16	EPC: 49.8N, 78.1E				
			iS	48 21				- H = 04h 02m 57.1s(USCGS)				
		SHL	iP	20 44 33	C			Depth = 0 Kms, Easter Kazakh				
			eS	48 10				SSR, Mag. 5.3 (CGS)				
		KOD	iP	20 45 13.0	CN			DDI	iP	04 07 26.8	D	
15		CHA	iP	21 02 35	D			NDI	iP	04 07 44.5	CSE	
15		SHL	eP	21 02 51				SHL	iP	04 08 35	C	
15		DDI	eP	21 37 10.9				POO	eP	04 09 20.5		
15		NDI	eP	21 37 25				KOD	iP	04 10 31.5	CS	
15		NDI	eP	21 41 49				16	SHL	iP	05 22 25	C
15		EPC: 7.2S, 170.3E						16	POO	eP	05 37 20	
		- H = 22h 38m 23.2s(USCGS)							EPC: 32.9N, 136.7E			
		Flores Sea							- H = 06h 56m 38.9s(USCGS)			
		Depth = 463 Kms, Mag. 5.3							Southeast of Shikoku, Japan			
		(CGS)							Depth = 405 Km, Mag. 4.6(CGS)			
		PBA	ip	22 44 18	D 33				SHL	iP	07 03 32	D
			iS	49 02					CHA	iP	07 04 03	D
		VIS	iP	22 45 49	DE				DDI	eP	07 04 52.3	
		SHL	iP	22 45 51	C				NDI	iP	07 05 00.5	C
		MDRA	iP	22 45 53					POO	eP	07 05 49	
			eS	51 58					16	BOK	e	07 10 35
		BOK	iP	22 46 02	CNW							
			iS	52 13								
		KOD	iP	22 46 04.5	CE							
		CHA	iP	22 46 12	C							

MAY, 1969

- 15 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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	SHL	iP	08 56 28	C	19	BOK	e	07 40 37		
	DDI	iP	08 56 30.2	C	19	NDI	eP	08 16 28		
	NDI	eP	08 56 38	C	19	BHK	iPg	08 46 15.0	DNW 0.8	
		e	59 52				iSg	46 25.2		
	POO	eP	08 57 28.5		19	DDI	eP	08 46 34.4	1.85	
18	BOK	i	09 07 29				eS	46 58.9	M= 4.1	
18	EPC: 2.3N, 128.7E - H = 09h 45m 34.0s(USCGS) Halmahera, Depth = 113Km, Mag. 4.8(CGS)					NDI	iPn	08 46 52.3	DN 2.9	
							iP*	46 57.5	M=3.8	
							iPg	47 02.5		
							iSn	47 27.8		
							S*	47 32.5		
							iSg	47 40.0		
	SHL	iP	09 53 18	D		CHA	eP	08 38 28		
	NDI	ePn	09 55 01			POO	eP	08 49 11		
	POO	eP	09 55 03		19	NDI	ePn	09 18 55	8.7	
18	NDI	i	10 56 23				eSn	20 35		
18	NDI	e	13 11 43		19	EPC: 36.1N, 71.3E - H = 10h 01m 47.8s(USCGS) Afghanistan-USSR Border Region Depth = 141 Kms., Mag. 4.8(CGS)				
18	SHL	iP	13 38 59	C		DDI	eP	10 03 44.6		
18	POC	eP	20 28 26.5				i	05 16.3		
18	CHA	iP	21 04 54	D		NDI	ePn	10 03 54	8.1	
18	NDI	iP	21 05 41.2	C			eSn	05 27		
18	NDI	ePn	21 13 35	8.2		CHA	eP	10 05 31		
		eSn	15 09			POO	eP	10 06 02.5		
18	NDI	iPg	22 34 24	0.15		SHL	iP	10 06 19	D	
		iSg	34 27			19	CHA	iP	10 08 27	C
18	NDI	e	23 06 54		19	BOK	e	10 33 17		
		e	07 08		19	POO	e	10 33 22.5		
		e	07 32		19	POO	e	11 43 45		
18	NDI	e	23 17 06		19	POO	eP	12 08 50		
		e	17 11		19	CHA	iP	14 46 04.4	C 1.7	
18	NDI	ePn	23 33 30	10.5			S	43 26.9	M= 4.0	
		eSn	35 30		19	BOK	e	14 47 00		
19	KOD	iP	00 02 51.5	CSE			i	47 38		
19	POO	eP	00 06 57							
19	NDI	ePn	04 51 56	C 2.4						
		eSn	52 20							

MAY, 1969

- 17

DATE	STN	PHASE	H.	M.	S.	△ Deg.
19	SHL	eP	14	47	01	
19	NDI	ePn eSn	14	47	51.0 48 32.0	3.3
19	P00	eP	14	52	01	
19	NDI	iPg iSg	15	35	13.0 36 19.5	DE 5.7
19	NDI	eP	17	03	06	
19	NDI	eP	18	21	23	
19	CHA	iP	18	22	37	D
19	P00	eP	23	58	37.5	
20	NDI	iPg eSg	00	41	46.5 41 53	CSE 0.5 M= 2.0
20	P00	eP e	00	55	05 56 18	
20	KOD	eP	00	55	27.0	
20	BOM	iPn Pg e iSn	00	56	43 56 53 57 02 57 19	D 2.9
20	CHA	eP	00	57	55	
20	NDI	ePn eSn	00	58	05 58 56	4.3
20	NDI	eP	03	27	59	
	DDI	iP i	03	28	02.2 28 11.2	D
20	SHL	iP	03	50	43	D
20	SHL	eP	06	43	59	
20	SHL	eP eS	06	59	32 59 59	2.1
20	BOK	e	08	21	38	
20	BOK	e	08	50	51	
20	NDI	eP eS	09	56	20 37 57	8.4

DATE	STN	PHASE	H.	M.	S.	△ Deg.
20	NDI	eP	14	30	59	
20	EPC: 43.4N, 147.5E(USCGS) - H = 14h 59m 38.9s Kurile Islands Depth = 25 , Mag. 4.9(CGS)					
	SHL	iP	15	08	21	C
	CHA	iP	15	08	42	D
	NDI	iP	15	09	26	
	P00	eP	15	10	26	
20	P00	eP	19	05	19	
20	NDI	eP	21	00	46	
20	P00	eP	21	14	20.5	
20	CHA	iP Pg P* S Sg	22	16	05.6 16 08.2 16 18.3 16 27.2 16 28.7	1.6
21	EPC: 11.7N, 125.8E(USCGS) - H = 02h 50m 49.2s(USCGS) Samas, Philippines Islands Depth = 26 Kms., Mag. 5.2(CGS) 35.0					
	SHL	iP	03	03	39	
	SHL	iPP		05	04	
	SHL	iS		09	10	
	CHA	iP e	03	04	00 10 18	
	BOK	iP iS PS SS SSS	03	04	21 10 30 10 40 13 25 14 06	CW 40
	VIS	iP ePP iPPP iS	03	04	37 06 17 06 33 10 59	CE 41.1
	DDI	iP	03	05	25.3	C
	NDI	iP i	03	05	28.2 05 36.0	C
	P00	eP	03	05	45.5	

MAY, 1969

- 18 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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	BCM	iP	03 05 52	CSW 50.5		NDI	iP	15 34 16.7	9.5	
		PP	07 48				iS	35 58	M=5.8	
		eS	13 08			CHA	iP	15 35 50	D 17.2	
		PS	13 14				eS	39 01	M=5.3	
21	KOD	eP	04 35	37.5		BOM	iP	15 35 53	DN 17.7	
							eS	39 09		
21	P00	eP	05 43	14		P00	iP	15 35	58.5	
	DDI	e	06 42	45.1		BOK	iP	15 36 02	W 18.6	
		i	43	56.4			iS	39 18		
		i	45	14.4		SHL	iP	15 36 33	DNW 21.7	
	NDI	eP	06 43	09	10.6		eS	40 20		
		eS	45	00		KOD	iP	15 37 24	DN	
21	P00	eP	06 44	22		21	TOC	e	15 38 24	
21	SHL	eP	06 45	15		VIS	e	15 40 45		
21	BOK	e	08 22	08			i	41 46		
21	BOK	e	08 36	57		MDR	e	15 42 18		
21	BOK	e	09 08	38			e	44 05		
21	SHL	iP	10 52	40	C	21	SHL	iP	17 15 48	D
21	SHL	iP	10 52	44	C	21	SHL	iP	21 54 10	C
		i	53	20		21	CHA	iP	21 54 32	D
21	CHA	iP	10 52	45.2	C 2.6	21	P00	eP	21 56 07	
		S	53	19.5	M=4.4	22	KOD	eP	01 37 49	
21	BOK	e	10 53	48		22	P00	eP	05 26 11	
21	NDI	eP	10 54	37	11.0	22	NDI	iPg	07 14 08.4	0.2
		i	54	51				iSg	14 10.9	
		iS	56	41		22	BOK	e	07 51 26	
21	P00	eP	10 59	31		22	BOK	e	08 37 53	
21	PBA	i	13 17	38		22	EPC: 38.3N, 143.0E			
21	EPC: 36.4N, 70.2E						- H = 09h 36m 42.9s(USCGS)			
	- H = 15h 31m 59.9s(USCGS)						Off East Coast of Honshu			
	Hindu Kush Region						JAPAN, Felt in eastern &			
	Depth = 229Km, Mag. 5.0(CGS)						Northern Monshu			
	BHK	iPn	15 33	43.5	CN 6.7		Depth = 33 Kms.			
		iSn	35	01.2			Mag. = 4.5 (CGS)			
	DDI	iP	15 34	06.6	D 8.45					
		iS	35	43.6	M=6.1					

MAY, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	SHL	iP	09 44 55	C	23	BOM	e	13 55 -	
	CHA	iP	09 45 22	C	23	CHA	iP	15 16 51	C
	POO	eP	09 47 06.5		23	SHL	iP	16 18 33	
22	SHL	iP	21 04 09	C	23	NDI	iP	16 20 18.5	D
22	CHA	iP	21 04 23	D	23	EPC: 3.7N, 95.7E - H = 17h 07m 42.2s(USCGS) Off West Coast of Northern Sumatra Depth = 41 Km, Mag. 5.2			
22	SHL	iP	21 41 59	C		KOD	e	17 12 05.5	
22	POO	e	22 08 03			SHL	iP	17 12 31	D
22	EPC: 5.7S, 103.7E - H = 22h 30m 29.8s(USCGS) Southern Sumatra Depth = 68 Km, Mag. 5.4 (CGS)					BOK	eP	17 12 33	
	SHL	iP	22 36 59	C		iS		16 36	
	CHA	iP	22 37 25	C		CHA	eP	17 12 57	
	POO	eP	22 37 40.5			POO	eP	17 13 13.5	0.8
	NDI	iP	22 38 18.7			NDI	iP	17 13 51.7	D
22	BOK	e	22 49 24		23	KOD	e	17 15 22.8	
23	KOD	e	04000 41		23	BOM	e	17 18 --	
23	SHL	iP	04 43 07	C	23	POO	ePg	19 08 50	
23	BOK	e	08 18 02			e		09 07.5	
23	NDI	iPg	09 14 04.6	CS 0.34	23	CHA	iP	19 14 59	C
	iSg		14 09		23	SHL	iP	22 06 32	C
23	BOM	e	10 03 54		23	SHL	eP	22 46 59	
23	EPC: 53.4N, 160.7W -H = 13h 04m 36.6s(USCGS) South of Alaska Depth 32 Km, Mag. 5.6(CGS)					e		48 21	
	SHL	iP	13 16 42	D 79.6	24	NDI	e	02 54 49	
	eS		26 44		24	SHL	iP	03 38 28	C
	DDI	iP	13 16 58.3	D		NDI	eP	03 40 10	
	NDI	iP	13 17 06.8	DN 84.0		POO	eP	03 40 16	
	eS		27 27.8		24	NDI	iP	03 57 24.4	D
	Poc	eP	13 17 55.3		24	KOD	e	05 34 02.5	
					24	BOK	e	07 35 47	
					24	NDI	eP	07 55 13	8.5
						eS		56 51	

MAY, 1969

- 20 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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24	BOK	e	08 35 27		25	CHA	iP	20 37 09	D
24	KOD	e	11 05 22.8		25	CHA	iP	22 49 41	D
24	SHL	eP e	11 25 05 25 35		25	SHL	iP	22 49 42	D
	BOK	e i	11 25 48 27 07		25	NDI	iP eS	23 10 42.3 12 44	CS 10.7
	NDI	eP eS	11 27 45 30 36	15.2	26	EPC: 7.0S, 129.6E - H = 01h 25m 28.3s(USCGS) Banda Sea Depth= 115Km, Mag. 5.5 (CGS)			
	POO	e	11 28 13			SHL	iP	01 34 04	C
	MDR	e	11 30 02			KOD	eP	01 34 46	
24	BOK	i i	13 17 09 27 35			POO	eP	01 35 26	
	VIS	iP	13 17 40			NDI	iP	01 35 34.6	DSE
24	POO	eP e	17 05 51.5 06 09		26	POO	eP	06 13 48.5	
24	VIS	eP	17 11 58		26	TOC	e	07 44 45	
24	NDI	e	20 15 25		26	CHA	iP	07 47 39	D
24	PBA	i	21 33 33.5		26	SHL	iPg eSg	10 57 05 57 14	CSE 0.7 Felt locally.
24	NDI	iPg iSg	23 37 45.8 37 52.3	DS 0.5		CHA	iP eS	10 57 45.4 58 25.6	D 3.3
25	SHL	iP e	01 50 11 50 59	D		BOK	e	10 58 04	
25	NDI	iP	01 51 33.6			NDI	e eS	10 59 56.8 11 01 54.8	
25	SHL	iP e	05 47 58 48 05		26	POO	eP	11 01 03.5	
25	BOK	e	05 50 08		26	BOK	e	11 10 07	
25	SHL	iP	15 10 55	C	26	BOK	e	11 12 26	
25	CHA	iP	15 11 07	D	26	DDI	eP i	14 45 56.2 46 19.8	
25	NDI	eP	15 11 26		26	KOD	ePg eSg	15 15 00.5 15 35.5	2.8
25	PBA	iPg iSg	18 55 14.7 55 20.7	0.5	26	EPC: 11.8N, 125.8E - H = 15h 37m 16.8s(USCGS) Samar. Philippines Island			
25	CHA	i	19 43 45.1	C					

MAY, 1969

- 21 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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	Felt at Cat baldgan and Tadoban City Depth = 14Kms, Mag. 5.2(MB), 5.2 (CGS)					26	PBA	eP	20 54 57.5	1.5
							iSg	55 20.0		
					26	KOD	eP	21 26 10.0		
	SHL	iP	15 44 08	CW 34.2	26	PBA	eP	22 20 36.5	1.5	
		PP	45 34				iSg	20 57.5		
		eS	49 50		26	POO	eP	22 28 18		
	CHA	iP	15 44 48	D 39.5	26	POO	e	23 16 06		
		eS	50 46		26	POO	e	23 16 06		
	BOK	iP	15 44 51	CW 39.8	27	KOD	eP	06 48 05.5		
		PP	46 26		27	POO	e	07 30 32		
		iS	50 56		27	GOA	ePn	08 11 15.7		
	VIS	eP	15 45 05	41.5			e	11 19.7		
		iS	51 49		27	BOK	e	08 43 33		
	KOD	ePg	15 45 16.0	3.0	27	BOK	e	08 53 25		
		eSg	45 53.0		27	BOK	e	08 53 25		
	MDR	eP	15 45 30		27	BOK	e	08 58 30		
	DDI	eP	15 45 56.2		27	BOK	e	08 58 30		
	NDI	iP	15 45 56.9	CE 49.0	27	EPC: 0.2S, 125.0E - H = 09h 27m 03.8s(USCGS) Molucca Sea Depth = 33 Kms, Mag. 5.3(CGS)				
		PP	47 54.4			SHL	iP	09 34 45	C	
		eS	53 00.4			POO	eP	09 36 22.5		
		eSS	50 48.4			NDI	eP	09 36 23		
	POO	eP	15 46 14.5			DDI	eP	09 36 25.2		
		e	48 15			SHL	iP	10 03 55	C	
	BOM	eP	15 46 22		27	BOK	e	13 16 06		
		PP	48 21		27	NDI	i	14 14 34		
		iS	53 42		27	EPC: 10.7S, 164.4E - H = 15h 01m 21.9s(USCGS) Santa Cruz Is. Region Depth = 8 Kms, Mag. 5.2(CGS)				
26	CHA	iP	16 04 26	D		SHL	iP	15 13 30	D	
26	EPC: 11.8N, 125.7E - H = 16h 39m 38.3s(USCGS) Samar Philippines Islands Depth = 33 Kms, Mag. 5.2 (CGS)					27	CHA	iP	15 13 53	D
	SHL	iP	16 46 27	D		CHA	iP	17 18 35	C	
	CHA	iP	16 47 05	D		SHL	iP	18 55 30	D	
26	CHA	iP	17 18 35	C		CHA	iP	18 56 09	D	
23	SHL	iP	18 55 30	D		CHA	iP	19 55 19	D	
20	CHA	iP	18 56 09	D						
26	CHA	iP	19 55 19	D						

MAY, 1969

- 22 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
27	EPC: 8.8S, 124.1E - H = 16h 29m 30.5s(USCGS) Timar, Depth= 30 Km Mag. = 5.3							28	NDI	iP	08	40	42.5	DE
	SHL	iP	16	37	57	C	28	NDI	eP	09	06	26	D	
	KOD	iP	16	38	25.0	DE	28	BOM	e	10	50	47		
	CHA	iP	16	38	29	D	28	BOK	e	11	04	42		
	POO	eP	16	39	11		28	SHL	iP	12	28	19	D	
	NDI	eP	16	39	25		28	EPC: 10.9S, 118.4E - H = 13h 08m 10.0s(USCGS) South of Sumbawa Islands Depth= 17 Kms, Mag. 5.5(CGS)						
	DDI	iP	16	39	27.8	C		SHL	iP	13	16	22	D	
27	PBA	i	16	41	43			POO	eP	13	17	26.5		
27	PBA	i	17	50	34			NDI	iP	13	17	47.6	DSE	
28	EPC: 11.8.N, 125.8E - H = 03h 41m 01.8s(USCGS) Samar, Philippines Islands Felt at Catarman Depth = 6Km, Mag. 5.3(CGS)							28	EPC: 2.1S, 76.9W - H = 13h 30m 08.9s(USCGS) Peru-Ewador Boarder Region Depth = 177Km, Mag. 5.5(CGS)					
	SHL	iP	03	47	55	CW		DDI	iPKP	13	49	22.5	D	
	BOK	iP	03	48	37			NDI	ePKP iPP	13	49	23.2 52 45	D	
	MDR	eP	03	49	17			POO	ePKP	13	49	31		
	KOD	eP	03	49	40	DE		SHL	iPKP	13	49	42	D	
	DDI	eP	03	49	41.8			KOD	iPKP	13	49	43	CNW	
	NDI	eP	03	49	43.5			CHA	iP	13	49	47	C	
	POO	eP	03	50	02			BOK	ePKP	13	49	48		
28	NDI	eP	04	07	04			BOM	ePKP	13	50	10		
		e		07	45		28	DDI	eP	17	22	29.2		
28	BOM	e	04	13	-			NDI	eP	17	22	47	11.4	
28	BOK	e	06	59	44				eS		24	56		
28	NDI	ePn	07	07	06			POO	eP	17	23	48		
		e		07	17		28	CHA	eP	17	23	54		
28	POO	eP	07	51	14									
28	BOK	e	08	31	32		28	BOM	e	18	44	10		

MAY, 1969

- 23 -

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
28	NDI	iP	20	01	02.3	D			P00	eP	06	05	52.5	
28	P00	eP	20	01	51.5			30	BOK	e	07	35	47	
28	NDI	ePg	21	41	02.9			30	BOK	e	08	05	43	
28	SHL	iP	23	07	36	D		30	PBA	i	08	38	15	
28	NDI	eP	23	09	06			30	SHL	iP	10	05	41. D	
29	SHL	iP	01	08	46	D		30	NDI	eP	16	21	14	
29	P00	e	03	45	25				e		25	17		
29	KOD	ePg	06	35	16.0	1.2		30	BOM	e	16	25	07	
		eSg		35	33.5				e		26	35		
29	BOK	e	07	17	37			30	EPC: 32.3S, 178.1W - H = 16h 22m 47.8s(USCGS) South of Kamadec Island Depth 33 Kms, Mg. 6.2(PAS) 6.4(BRK), MS = 5.5					
29	BOK	e	08	42	15				TRD	eP	16	41	23	
29	BOK	e	09	06	18			30	P00	eP	16	42	13.5	
29	P00	e	09	14	15			30	PBA	i	16	46	51	
29	NDI	ePn	09	40	11.8	DW 0.9		30	CHA	i	16	47	50	
		eSn		40	14.3				BOM	e	16	48	17	
		iSg		40	23.5				e		52	32		
29	BOK	e	10	59	28				e		53	43		
29	BOK	e	11	10	53			30	BOM	e	17	02	-	
29	SHL	iP	12	00	46	D		30	BOM	e	17	29	‡	
29	NDI	e	15	22	34			30	EPC: 7.0S, 129.8E - H = 23h 19m 37.7s(USCGS) Banda Sea, Depth = 104 Km Mag. = 4.8(CGS)					
		e		23	04				SHL	iP	23	28	16 C	
29	P00	ePg	16	24	38				CHA	iP	23	28	51 D	
		e		24	56			30	P00	eP	23	29	40	
29	SHL	iP	21	39	56	C			NDI	eP	23	29	51	
29	P00	ePg	22	06	12	1.1		31	DDI	iP	03	37	44.9 D	
		eSg		06	26.5				i		39	15.3		
		eSn		06	29			31	NDI	iPn	03	37	50.5 DN 8.3	
30	EPC: 9.7S, 118.7E Sumatra Islands Region - H = 05h 56m 37.8s(USCGS) Depth = 7km, Mag. 5.1(CGS)													
	SHL	iP	06	04	47	D								

May, 1969

- 26 -

FELT EARTHQUAKE REPORT FOR MAY- 1969

S.No.	Station	DATE	TIME IN G.M.T.	No. of Shocks	Approx. Duration in sec.	Inten- sity	Rema- rks.
1.	CSO, Shillong	4-5-69	H.M.S. 06 45 49	4	about 15- 30	IV	Coming from EW Direc- tion CNW
2.	CSO, Shillong	22-5-69	05 48	1	5	IV	-
3.	CSO., Shillong	26-5-69	10 57	1	-	-	-
4.	Rohtak	31-5-69	18 28	1	-	III	coming from W-E

MAY, 1969

-26 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station : BOKARO					Station : BOKARO				
01	00	3	0.1	3.0	11	00	3	0.1	3.0
	06	3	0.1	3.1		06	3	0.1	4.1
	12	3	0.1	3.2		12	3	0.1	3.6
	18	3	0.1	3.4		18	3	0.1	3.0
02	06	3	0.1	3.8	12	00	3	0.1	3.2
	06	3	0.1	3.6		06	3	0.1	3.2
	12	3	0.1	3.6		12	3	0.1	3.1
	18	3	0.1	3.3		18	3	0.1	2.7
03	00	3	0.1	3.0	13	00	3	0.1	3.1
	06	3	0.1	3.0		06	3	0.1	3.2
	12	3	0.1	4.0		12	3	0.1	3.6
	18	3	0.1	4.3		18	3	0.1	3.7
04	00	3	0.1	4.6	14	00	3	0.1	3.5
	06	3	0.1	4.5		06	3	0.1	3.0
	12	3	0.1	4.2		12	3	0.1	3.5
	18	3	0.1	4.2		18	3	0.1	3.3
05	00	3	0.1	4.0	15	00	3	0.1	2.9
	06	3	0.1	4.4		06	3	0.2	3.7
	12	3	0.1	4.3		12	3	0.2	4.0
	18	3	0.1	4.5		18	3	0.1	4.0
06	00	3	0.1	4.1	16	00	3	0.1	3.6
	06	3	0.1	4.4		06	3	0.1	3.6
	12	3	0.1	4.0		12	3	-	-
	18	3	0.1	4.8		18	3	0.3	3.9
07	00	3	0.1	5.0	17	00	3	0.3	4.2
	06	3	0.1	4.3		06	3	0.2	4.0
	12	3	0.1	5.0		12	3	0.2	3.7
	18	3	0.1			18	3	0.2	3.9
08	00	3	0.1	5.0	18	00	3	0.2	3.7
	06	3	0.1	5.0		06	3	0.2	3.9
	12	3	0.2	5.5		12	3	0.2	3.9
	18	3	0.1	4.7		18	3	0.2	3.5
09	00	3	0.1	4.1	19	00	3	0.1	3.7
	06	3	0.1	4.5		06	3	0.1	3.6
	12	3	0.1	5.0		12	3	0.1	3.7
	18	3	0.2	2.9		18	3	0.1	3.7
10	00	3	0.1	2.6	20	00	3	0.1	3.7
	06	3	0.1	3.3		06	3	0.1	3.7
	12	3	0.1	3.9		12	3	0.1	3.9
	18	3	0.1	3.1		18	3	0.1	3.4

MAY, 1969

- 27 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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Station : BOKARO

Station : BOKARO

21	00	3	0.1	4.0
	06	3	0.1	3.6
	12	3	0.1	3.7
	18	3	0.1	4.2

31	00	3	0.3	5.1
	06	3	0.3	4.7
	12	3	0.3	4.7
	18	3	0.3	4.4

22	00	3	0.1	4.4
	06	3	0.2	4.0
	12	3	0.1	4.0
	18	3	0.1	4.1

Station : BOMBAY

01	00	3	0.3	3.0
	06	3	0.3	2.8
			0.2	1.9
	12	3	0.3	5.9
			0.3	2.7
			0.2	1.6
	18	3	0.3	2.8
			0.2	1.8

23	00	3	0.1	3.9
	06	3	0.1	3.8
	12	3	0.1	3.0
	18	3	0.1	3.6

24	00	3	0.1	3.4
	06	3	0.1	3.4
	12	3	0.1	4.0
	18	3	0.1	3.4

02	00	3	0.3	2.7
	06	3	0.3	5.8
			0.3	2.4
	12	3	0.3	2.8
	18	3	0.3	5.8
			0.3	2.4

25	00	3	0.1	3.6
	06	3	0.1	3.9
	12	3	0.1	3.7
	18	3	0.1	3.6

03	00	3	0.3	5.6
			0.2	2.2
	06	3	0.3	5.9
			0.3	2.8
	12	3	0.3	5.8
			0.2	1.9
	18	3	0.3	5.1
			0.3	2.1

26	00	3	0.1	3.5
	06	3	0.1	3.8
	12	3	0.1	4.2
	18	3	0.1	4.2

27	00	3	0.1	3.7
	06	3	0.2	4.4
	12	3	0.3	3.9
	18	3	0.2	4.2

04	00	3	0.3	5.2
			0.3	2.0
	06	3	0.3	5.2
			0.3	2.2
	12	3	0.3	5.4
			0.2	2.0
	18	3	0.3	5.6
			0.3	2.0

28	00	3	0.1	4.0
	06	3	0.1	3.9
	12	3	0.1	3.9
	18	3	0.1	3.2

29	00	3	0.1	3.6
	06	3	0.1	3.6
	12	3	0.1	3.1
	18	3	0.1	4.0

05	00	3	0.3	5.6
			0.3	2.5
	06	3	0.3	5.6
			0.3	2.5
	12	3	0.3	5.7
			0.3	2.3
	18	3	0.3	5.8
			0.2	1.9

30	00	3	0.1	3.6
	06	3	0.2	3.6
	12	3	0.3	3.9
	18	...	-	-

MAY, 1969

- 28



From the ISC collection scanned by SISMOS

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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Station : BOMBAY

Station : BOMBAY

06	00	3	0.3	5.7
			0.2	1.9
	06	3	0.4	6.2
			0.2	1.9
	12	3	0.4	6.7
			0.2	1.9
	18	3	0.4	6.7
			0.3	2.0
07	00	3	0.4	6.8
			0.3	2.4
	06	3	0.4	6.5
			0.3	2.5
	12	3	0.4	6.4
			0.3	2.5
	18	3	0.3	6.7
			0.3	2.1
08	00	3	0.3	6.7
			0.3	2.4
	06	3	0.3	6.6
			0.3	2.5
	12	3	0.3	6.6
			0.3	2.2
	18	3	0.3	6.5
			0.3	2.4
09	00	3	0.3	6.3
			0.3	2.5
	06	3	0.3	6.3
			0.3	2.7
	12	3	0.3	6.2
			0.3	2.8
	18	3	0.3	6.2
			0.4	2.8
10	00	3	0.3	6.1
			0.3	2.7
	06	3	0.3	6.1
			0.5	2.9
	12	3	0.3	6.0
			0.4	2.9
	18	3	0.3	6.1
			0.4	2.7
11	00	3	0.5	2.9
			0.3	6.0
	06	3	0.5	3.0
			0.3	6.0
	12	3	0.3	3.0
			0.3	5.9
	18	3	0.3	2.9
			0.5	

12	00	2	0.5	2.8
			0.5	2.9
	06	2	0.5	2.9
			0.4	3.0
	12	3	0.2	1.7
			0.4	2.8
	18	3	0.3	2.0
			0.3	2.0
13	00	3	0.3	2.9
			0.2	2.0
	06	3	0.3	6.2
			0.3	2.5
	12	3	0.3	6.2
			0.3	2.6
	18	3	0.3	6.3
			0.3	2.6
14	00	3	0.3	6.5
			0.3	2.6
	06	3	0.3	6.5
			0.3	2.6
	12	3	0.3	6.4
			0.3	2.6
	18	3	0.3	6.3
			0.4	2.9
15	00	3	0.3	6.4
			0.3	2.3
	06	3	0.3	6.2
			0.4	2.3
	12	3	0.3	6.2
			0.5	2.4
	18	3	0.5	2.9
			0.4	2.4
16	00	3	0.7	3.0
			0.5	2.4
	06	3	0.9	3.0
			0.3	2.3
	12	3	1.1	3.4
			0.5	2.5
	18	3	1.4	3.8
			0.5	2.6
17	00	3	1.1	3.7
			0.5	2.4
	06	3	0.9	3.5
			0.5	2.5
	12	3	0.7	3.6
			0.3	2.2
	18	3	0.8	3.3
			0.3	2.3

MAY, 1969

- 29 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
18	00	3	0.5 0.4	6.6 2.6	24	00	3	0.5 0.3	3.6 2.4
	06	3	0.3 0.6	6.8 2.8		06	3	0.5 0.5	3.7 2.6
	12	3	0.5 0.6	6.9 3.0		12	3	0.5 0.4	3.5 2.6
	18	3	0.5 0.9	7.2 3.0		18	3	0.5 0.3	2.9 2.2
19	00	3	0.5 0.9	7.1 3.1	25	00	3	0.5 0.3	3.1 2.3
	06	3	0.8	3.1		06	3	0.6	3.2
	12	3	0.3 0.9	7.4 3.2		12	3	0.4 0.7	2.3 3.4
	18	3	0.7 0.2	3.1 1.7		18	3	0.4 0.6 0.5	2.4 3.6 2.5
20	00	3	0.7 0.3	3.4 3.0	26	00	3	0.5 0.4	3.7 2.5
	06	3	0.5	3.3		06	3	0.7	3.7
	12	3	0.4 0.4	6.8 3.3		12	3	0.3 0.9 0.5	2.4 4.0 3.0
	18	3	0.4 0.4	6.8 3.2		18	3	0.2 0.9 0.5	1.8 3.9 3.0
21	00	3	0.4 0.4	6.5 3.2	27	00	3	0.9 0.5	4.0 3.0
	06	3	0.4 0.4	6.9 3.0		06	3	0.3 0.2 0.8 0.5	2.2 2.0 4.0 3.0
	12	3	0.4 0.3	6.8 3.1		12	3	0.9 0.5	4.2 3.0
	18	3	0.4 0.4 0.2	6.7 3.0 1.6		18	3	0.9 0.5	4.1 3.0
22	00	3	0.4 0.5 0.3	6.7 2.9 2.0	28	00	3	0.8 0.5 0.3	4.0 2.9 1.7
	06	3	0.4 0.3	5.7 2.8		06	3	0.9 0.5 0.3	4.1 3.0 2.0
	12	3	0.7 0.3	4.0 2.7		12	3	0.9 0.5 0.2	4.1 3.0 1.9
	18	3	0.5 0.3	4.2 2.6		18	3	0.9 0.3	4.0 2.4
23	00	3	0.5 0.5 0.3	4.0 3.1 2.5	29	00	3	0.9 0.3	4.3 2.5
	06	3	0.4 0.3	3.9 2.7		06	3	0.9 0.3	4.0 2.4
	12	3	0.5 0.3	3.2 2.5		12	3	0.9 0.5	4.1 3.0
	18	3	0.5 0.3	3.5 2.7		18	3	0.2 0.9 0.3	1.9 4.0 2.4

MAY, 1969

- 30 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
	06	3	0.9	4.5		12	3	0.4	4.0
			0.3	2.7		18	3	0.4	4.0
	12	3	0.9	4.4					
			0.3	2.7	07	00	3	0.3	4.0
	18	3	0.9	4.4		06	3	0.3	4.1
			0.5	2.9		12	3	0.3	4.2
30	00	3	0.9	4.5		18	3	0.3	4.0
			0.4	2.8	08	00	3	0.4	4.0
	06	3	0.9	4.4		06	3	0.5	4.5
			0.5	2.5		12	3	0.4	4.2
	12	3	0.9	4.5		18	3	0.3	4.0
			0.5	2.8	09	00	3	0.3	4.0
	18	Surface waves				06	3	0.3	3.8
31	00	3	1.0	4.6		12	...	-	-
			0.4	2.8		18	1	1.0	3.0
	06	3	1.1	4.5	10	00	1	0.7	3.0
			0.5	2.9		06	3	0.3	4.0
	12	3	1.0	4.6		12	3	0.3	3.8
			0.3	2.5		18	3	0.3	3.8
	18	3	0.9	4.5					
			0.4	2.8	11	00	3	0.3	3.8
Station : CALCUTTA						06	3	0.3	3.8
01	00		-	-		12	3	0.3	4.0
	06	3	0.3	4.0		18	3	0.3	3.8
	12	3	0.4	4.0	12	00	3	0.3	3.7
	18	3	0.3	3.8		06	3	0.3	3.8
02	00	3	0.3	3.8		12	3	0.3	4.0
	06	3	0.3	4.0		18	1	0.8	3.1
	12	3	0.3	4.0	13	00	3	0.5	3.2
	18	3	0.4	4.0		06	3	0.3	3.8
03	00	1	0.7	2.8		12	3	0.3	4.0
	06	3	0.7	3.8		18	3	0.4	4.1
	12	3	0.2	4.0	14	00	3	0.4	4.0
	18	3	0.3	4.0		06	3	0.5	4.2
04	00	3	0.3	4.0		12	3	0.4	4.2
	06	3	0.3	4.0		18	3	0.4	4.1
	12	3	0.3	4.2	15	00	3	0.4	4.0
	18	3	0.4	4.0		06	...	-	-
05	00	3	0.3	4.2		12	3	0.5	4.1
	06	3	0.3	4.3		18	3	0.4	4.0
	12	3	0.4	4.0	16	00	3	0.4	4.0
	18	3	0.4	4.0		06	3	0.5	4.0
06	00	3	0.3	4.1		12	3	0.6	4.0
	06	3	0.3	4.1		18	3	0.6	4.0

MAY, 1969

- 31 -

DATE	HOUR	K	MEAN Amplitude	MEAN Period	DATE	HOUR	K	MEAN Amplitude	MEAN Period.
17	00	3	0.6	4.0	28	00	...	-	-
	06	3	0.5	4.0		06	3	0.5	4.1
	12	3	0.5	4.0		12	3	0.4	4.0
	18	3	0.4	3.9		18	3	0.5	4.0
18	00	3	0.6	4.0	29	00	3	0.5	4.0
	06	3	0.5	4.0		06	...	-	-
	12	3	0.6	4.1		12	3	0.4	3.9
	18	3	0.4	3.9		18	3	0.5	4.0
19	00	3	0.4	3.8	30	00	3	0.5	4.1
	06	3	0.5	4.0		06	3	0.6	4.2
	12	3	0.5	4.0		12	3	0.5	4.0
	18	3	0.4	4.1		18	3	0.5	4.0
20	00	3	0.3	4.0	31	00	3	0.5	4.0
	06	3	0.4	4.0		06	3	0.4	3.9
	12	3	0.5	4.0		12	3	0.5	4.0
	18	3	0.4	4.0		18	3	0.5	4.0
21	00	3	0.3	4.0	Station : GOA				
	06	3	0.4	4.0	1	00	3	0.4	3.2
	12	3	0.4	4.0		06	...	-	-
	18	3	0.5	3.9		12	3	0.2	3.8
22	00	3	0.4	4.0		18	3	0.2	4.1
	06	3	0.4	3.8	2	00	3	0.2	4.8
	12	3	0.4	4.0		06	3	0.3	5.4
	18	3	0.5	4.1		12	3	0.2	4.9
23	00	3	0.4	3.8		18	3	0.2	5.6
	06	3	0.4	3.8	3	00	3	0.3	5.2
	12	3	0.4	3.8		06	3	0.3	4.8
	18	3	0.5	4.0		12	3	0.3	5.2
24	00	3	0.5	3.8		18	3	0.4	4.7
	06	3	0.5	3.8	4	00	...	-	-
	12	3	0.5	3.9		06	3	0.3	5.6
	18	3	0.5	3.8		12	3	0.3	5.1
25	00	3	0.5	4.0		18	3	0.2	4.8
	06	3	0.4	3.8	5	00	3	0.3	4.2
	12	3	0.5	4.0		06	3	0.3	5.5
	18	3	0.5	4.0		12	3	0.3	4.8
26	00	3	0.6	4.1		18	3	0.3	4.4
	06	3	0.4	3.8	6	00	3	0.3	4.6
	12	3	0.4	4.0		06	3	0.3	5.8
	18	3	0.5	4.0		12	3	0.3	5.9
27	00	3	0.6	4.0		18	3	0.3	6.1
	06	3	0.5	4.0	7	00	3	0.3	6.2
	12	3	0.6	4.1		06	3	0.4	5.6
	18	3	0.4	4.0		12	3	0.4	6.1
						18	3	0.3	6.4

MAY, 1969

- 32 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
08	00	3	0.4	6.0	19	00	3	0.5	3.3
	06	...	-	-		06	3	0.7	3.6
	12	3	0.4	5.3		12	3	0.5	3.6
	18	3	0.3	3.0		18	3	0.4	3.6
09	00	3	0.4	4.2	20	00	3	0.4	3.4
	06	3	0.3	3.3		06	3	0.4	3.3
	12	3	0.3	4.6		12	3	0.3	3.4
	18	3	0.2	3.5		18	3	0.4	4.1
10	00	3	0.2	4.2	21	00	3	0.3	3.7
	06	3	0.2	3.9		06	3	0.3	4.2
	12	3	0.2	3.4		12	3	0.5	3.9
	18	3	0.2	4.1		18	3	0.4	3.9
11	00	3	0.3	3.8	22	00	3	0.5	4.2
	06	3	0.4	3.6		06	3	0.5	4.0
	12	3	0.3	3.5		12	3	0.5	3.6
	18	3	0.4	3.6		18	3	0.3	4.4
12	00	3	0.5	3.8	23	00	3	0.5	4.2
	06	3	0.4	3.0		06	3	0.5	4.0
	12	3	0.3	3.2		12	3	0.5	3.6
	18	3	0.2	3.8		18	3	0.3	4.4
13	00	3	0.3	3.9	24	00	3	0.5	3.4
	06	3	0.3	4.0		06	3	0.4	3.9
	12	3	0.4	3.9		12	3	0.4	3.0
	18	3	0.2	3.3		18	3	0.4	3.5
14	00	3	0.3	3.6	25	00	3	0.4	3.3
	06	3	0.2	4.2		06	3	0.4	3.4
	12	3	0.2	3.4		12	3	0.4	3.8
	18	3	0.2	3.0		18	3	0.4	3.6
15	00	3	0.3	3.5	26	00	3	0.4	3.8
	06	3	0.4	4.0		06	3	0.6	3.7
	12	3	0.5	3.7		12	3	0.6	4.3
	18	3	0.5	4.4		18	3	0.5	4.0
16	00	3	0.5	4.0	27	00	3	0.5	3.8
	06	3	0.8	3.4		06	3	0.7	4.3
	12	3	0.8	3.9		12	3	0.5	4.3
	18	3	1.0	3.9		18	3	0.5	4.4
17	00	3	0.9	4.0	28	00	3	0.5	4.3
	06	3	0.7	4.3		06	3	0.6	4.7
	12	...	-	-		12	3	0.4	4.2
	18	...	-	-		18	3	0.5	4.6
18	00	...	-	-	29	00	3	0.6	4.0
	06	3	0.6	3.5		06	3	0.5	4.1
	12	3	0.6	3.9		12	3	0.6	4.0
	18	3	0.5	3.8		18	3	0.6	4.9

MAY, 1969

- 33 -

DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
30	00	...	-	-		12	2	0.7	6.7
	06	3	0.7	4.5		18	2	0.7	6.8
	12	3	0.6	4.5	08	00	2	0.6	6.7
	18	3	0.8	5.4		03	2	0.6	6.6
31	00	3	0.9	5.5		06	2	0.5	6.7
	03	3	1.1	5.1		12	2	0.6	6.7
	12	3	1.1	5.2		18	2	0.5	6.8
	18	3	0.8	5.6	09	00	2	0.5	6.3
						03	2	0.4	6.4
						06	2	0.4	6.4
						12	2	0.4	6.4
						18	2	0.3	6.4
							2	0.2	3.0
Station :	MADRAS								
01	00	2	0.2	5.1					
	00	3	0.2	2.1					
	03	2	0.2	4.8	10	00	2	0.4	5.3
	06	2	0.2	4.9					
	12	2	0.2	4.7					
	18	2	0.2	4.8		03	2	0.2	3.0
		3	0.1	1.8		06	2	0.2	3.0
						12	2	0.2	3.1
						18	2	0.2	3.4
02	00	2	0.2	4.8					
	03	2	0.3	4.8	11	00	2	0.2	3.1
	06	2	0.2	4.5					
	12	2	0.2	4.7		03	2	0.3	3.1
	18	2	0.2	4.9		06	2	0.3	3.0
						12	2	0.3	3.1
						18	2	0.4	3.1
03	00	2	0.2	4.9					
	03	2	0.3	4.9	12	00	1	0.5	3.0
	06	2	0.3	5.1					
	12	2	0.3	5.2		03	1	0.5	3.0
	18	2	0.2	5.1		06	1	0.5	3.0
						12	1	0.4	2.6
						18	1	0.5	2.9
04	00	2	0.3	5.2					
	03	2	0.3	5.1	13	00	1	0.6	3.0
	06	2	0.3	5.3					
	12	2	0.3	5.3		03	1	0.7	3.0
	18	2	0.3	5.3		06	1	0.7	3.0
						12	1	0.5	3.0
						18	1	0.4	3.0
05	00	2	0.3	5.3					
	03	2	0.3	5.1	14	00	1	0.4	3.0
	06	2	0.3	5.5					
	12	2	0.3	5.1		03	1	0.5	2.9
	18	2	0.3	5.5		06	1	0.5	2.9
						12	1	0.6	3.0
						18	1	0.5	3.0
06	00	2	0.3	5.8					
	03	2	0.3	5.3	15	00	1	0.6	3.1
	06	2	0.3	6.3					
	12	2	0.4	6.6		03	1	0.6	3.1
	18	2	0.4	6.6		06	1	0.8	3.7
						09	1	0.9	3.4
						12	1	1.0	3.8
07	00	2	0.4	6.6		15	1	1.1	4.5
	03	2	0.6	6.9		18	1	1.4	4.5
	06	2	0.6	6.8		21	1	1.5	4.4

MAY, 1969

- 34 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
16	00	1	1.6	4.5	23	00	1	0.5	3.1
	03	1	1.5	3.9		03	1	0.5	3.1
	06	1	1.7	3.2		06	1	0.5	3.2
	09	1	1.7	3.3		12	1	0.5	3.2
	12	1	1.8	3.9		18	1	0.5	3.7
	15	1	2.1	4.1			2	0.3	2.4
	18	1	2.0	4.1			3	0.1	1.5
	21	1	2.1	4.3					
17	00	1	2.1	4.3	24	00	1	0.5	3.3
	03	1	2.1	4.3			2	0.3	2.6
	06	1	1.9	4.2			3	0.2	1.7
	09	1	1.8	4.2		03	1	0.7	3.7
	12	1	1.5	4.2			2	0.4	2.6
	15	1	1.3	4.1		06	1	0.6	3.5
	18	1	1.1	4.1		12	1	0.6	3.5
	21	1	1.0	4.0		18	1	0.5	3.7
18	00	1	1.0	4.0	25	00	1	0.7	3.6
	03	1	0.9	3.8		03	1	0.7	3.5
	06	1	0.9	3.7		06	1	0.7	3.8
	12	1	0.9	3.7		12	1	0.7	4.1
	15	1	1.1	3.7		15	1	0.7	4.4
	18	1	1.3	3.9		18	1	0.7	4.1
	21	1	1.4	3.4		21	1	0.7	4.3
19	00	1	1.5	3.4	26	00	1	0.7	4.3
	03	1	1.5	3.6		03	1	0.7	4.5
	06	1	1.6	3.7		06	1	0.7	4.5
	09	1	1.3	3.7		12	1	0.7	3.2
	12	1	1.1	3.3		18	1	0.8	4.6
	15	1	1.0	3.3	27	00	1	0.8	4.7
	18	1	0.8	3.2		03	1	0.8	4.6
	21	1	0.8	3.2		06	1	0.8	4.8
20	00	1	0.7	3.2		12	1	0.7	4.8
	03	1	0.7	3.2		18	1	0.8	4.5
	06	1	0.6	3.3	28	00	1	0.8	4.4
	12	1	0.6	3.4		03	1	0.8	4.5
	18	2	0.4	3.5		06	1	0.7	4.4
21	00	2	0.4	3.5		12	1	0.7	4.4
	03	2	0.5	3.4		18	1	0.8	4.5
	06	2	0.5	3.1	29	00	1	0.8	4.5
	09	1	0.6	3.1		03	1	0.8	4.3
	12	1	0.7	3.0		06	1	0.7	4.5
	15	1	0.8	3.0		12	1	0.7	4.4
	18	1	0.9	3.1		18	1	0.7	4.4
	21	1	0.8	3.0	30	00	1	0.7	4.3
22	00	1	0.8	3.0			2	0.5	3.1
	03	1	0.8	3.0		03	1	0.7	4.3
	06	1	0.8	3.0			2	0.5	3.1
	12	1	0.5	3.1		06	1	0.7	4.5
	18	1	0.6	3.3			2	0.5	2.9

MAY, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
	12	1	0.7	4.6	08	00	3	1.6	7.0
		2	0.6	3.1		06	3	1.6	6.0
	18	1	0.8	4.5		12	3	1.2	6.0
		2	0.5	3.3		18	3	1.6	6.0
31	00	1	0.7	4.8	09	00	3	2.0	6.0
		2	0.5	3.0		06	3	1.2	6.0
	03	1	0.8	4.7		12	3	0.8	6.0
		2	0.4	3.0		18	...	-	-
	06	1	0.8	5.1	10	00	3	1.2	6.0
		2	0.5	3.1		06	3	0.8	6.0
	12	1	0.8	4.7		12	3	0.8	6.0
		2	0.5	3.1		18	3	0.4	6.0
	18	1	0.8	5.0	11	00	3	0.8	2.0
		2	0.5	3.1				0.4	6.0
Station : PORT BLAIR						06	3	0.8	6.0
01	00	3	1.2	7.0		12	3	0.8	7.0
	06	3	0.8	7.0		18	3	0.8	7.0
	12	3	0.8	7.0	12	00	3	0.8	7.0
	18	3	0.8	7.0		06	3	0.8	7.0
02	00	3	0.8	7.0		12	3	1.2	6.0
	06	3	0.8	6.0		18	3	1.2	7.0
	12	3	0.8	6.0	13	00	3	0.8	2.0
	18	3	0.8	6.0				1.2	6.0
03	00	3	0.8	6.0		06	3	0.8	2.0
	06	3	0.8	5.0				0.8	7.0
	12	3	0.8	5.0		12	3	0.8	2.0
	18	3	0.8	7.0		18	3	0.8	6.0
04	00	3	0.8	7.0				0.8	6.0
	06	3	0.8	7.0	14	00	3	0.8	2.0
	12	3	1.2	7.0				0.8	6.0
	18	3	1.2	7.0		06	3	0.8	2.0
05	00	3	1.2	7.0				0.8	7.0
	06	3	1.6	7.0		12	3	0.8	2.0
	12	...	-	-				0.8	7.0
	18	3	1.6	7.0		18	3	1.2	3.0
06	00	3	1.6	7.0				1.2	7.0
	06	3	1.6	7.0	15	00	3	1.2	2.0
	12	3	1.6	7.0				1.2	7.0
	18	3	2.0	7.0		06	3	1.2	3.0
07	00	3	2.0	7.0				1.6	9.0
	06	3	1.6	7.0		12	3	1.2	3.0
	12	3	1.2	7.0				1.2	7.0
	18	3	1.2	7.0		18	3	1.6	3.0
								1.2	7.0

MAY, 1969

- 36 -

DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K K	MEAN Amplitude in mm.	MEAN Period in sec.
16	00	3	2.0	3.0	23	00	3	1.2	3.0
			2.0	7.0				1.6	7.0
	06	...	-	-		06	3	1.2	3.0
	12	...	-	-		12	3	1.6	7.0
	18	...	-	-		12	3	1.6	3.0
								1.6	7.0
17	00	...	-	-		18	3	1.6	3.0
	06	3	1.2	3.0				1.6	7.0
			2.0	7.0					
	12	3	1.2	3.0	24	00	3	1.6	2.0
			1.2	7.0		06	...	-	-
	18	3	1.2	3.0		12	...	-	-
			2.4	7.0		18	3	2.0	2.0
								2.0	3.0
18	00	3	1.2	3.0					
			2.0	7.0	25	00	3	2.0	2.0
	06	3	0.8	3.0				2.0	3.0
	12	3	2.0	7.0		06	3	1.6	2.0
	12	3	2.0	7.0				2.0	3.0
	18	3	0.8	3.0		12	3	1.6	2.0
			1.6	7.0				1.6	3.0
						18	...	-	-
19	00	3	0.8	3.0					
			1.6	7.0	26	00	3	2.0	2.0
	06	...	-	-				2.0	3.0
	12	...	-	-		06	3	2.0	3.0
	18	...	-	-		12	3	1.6	2.0
								2.0	3.0
20	00	...	-	-		18	3	2.0	2.0
	06	3	1.2	3.0				2.0	6.0
			2.0	7.0					
	12	3	1.6	3.0	27	00	3	2.0	2.0
			1.6	7.0				2.4	3.0
	18	3	1.6	3.0		06	3	1.2	2.0
			2.0	7.0				2.0	3.0
						12	3	1.2	2.0
21	00	3	1.6	3.0				1.6	3.0
			1.6	7.0		18	3	1.2	2.0
	06	3	1.2	3.0				2.0	3.0
			2.0	7.0					
	12	3	1.2	3.0	28	00	3	1.2	2.0
			1.6	7.0				2.0	3.0
	18	3	1.2	2.0		06	3	2.0	3.0
			1.6	7.0		12	3	1.2	3.0
								2.0	5.0
22	00	2	1.6	3.0		18	3	2.0	3.0
			2.0	7.0				2.4	5.0
	06	3	1.2	3.0					
			1.6	7.0	29	00	3	2.0	3.0
	12	3	1.2	3.0				2.4	5.0
			1.6	7.0		06	...	-	-
	18	3	1.2	3.0		12	...	-	-
			2.0	7.0		18	3	2.4	3.0
								2.4	5.0

May, 1969

- 37 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
30	00	3	2.4	3.0	08	12	3	0.3	5.0
			2.4	5.0		18	3	0.3	5.0
	06	3	1.6	2.0	09	00	3	0.3	5.0
			2.0	5.0		06	3	0.3	5.0
	12	3	1.6	2.0		12	3	0.3	5.0
			2.0	3.0		18	3	0.3	5.0
	18	3	1.6	2.0	10	00	3	0.3	5.0
			2.0	3.0		06	3	0.3	5.0
31	00	3	1.6	2.0		12	3	0.3	4.8
			2.0	3.0		18	3	0.2	4.5
	06	3	1.6	2.0	11	00	3	0.2	4.0
			2.0	3.0		06	3	0.2	4.0
	12	3	2.0	2.0		12	3	0.2	4.0
			2.0	3.0		18	3	0.2	4.0
	18	3	2.0	2.0	12	00	3	0.2	4.0
			2.0	3.0		06	3	0.2	4.0
STATION: SHILLONG						12	3	0.3	4.0
						18	3	0.3	4.0
01	00	3	0.2	4.0	13	00	3	0.3	4.0
	06	3	0.2	4.0		06	3	0.2	4.0
	12	3	0.2	4.0		12	3	0.2	4.0
	18	3	0.2	4.0		18	3	0.2	4.0
02	00	3	0.2	4.0	14	00	3	0.2	4.0
	06	3	0.2	4.0		06	3	0.2	4.0
	12	3	0.2	4.0		12	3	0.2	4.0
	18	3	0.2	4.0		18	3	0.2	4.0
03	00	3	0.2	4.0	15	00	3	0.2	4.0
	06	3	0.2	4.0		06	3	0.2	4.0
	12	3	0.2	4.0		12	3	0.2	4.0
	18	3	0.2	4.0		18	3	0.2	4.0
04	00	3	0.2	4.0	16	00	3	0.2	4.0
	06	3	0.2	4.0		06	...	-	-
	12	3	0.2	4.0		12	...	-	-
	18	3	0.2	4.0		18	...	-	-
05	00	3	0.2	4.0	17	00	...	-	-
	06	3	0.2	4.0		06	...	-	-
	12	3	0.2	4.0		12	3	0.2	4.0
	18	3	0.2	4.0		18	3	0.2	4.0
06	00	3	0.2	4.0	18	00	3	0.2	4.0
	06	3	0.2	4.0		06	3	0.2	4.0
	12	3	0.2	4.0		12	3	0.2	4.0
	18	3	0.2	4.0		18	3	0.2	4.0
07	00	3	0.2	4.0	19	00	3	0.2	4.0
	06	3	0.2	4.0		06	3	0.2	4.0
	12	3	0.3	5.0		12	3	0.2	4.0
	18	3	0.3	5.0		18	3	0.2	4.0
08	00	3	0.3	5.0	20	00	3	0.2	4.0
	06	3	0.3	5.0					

May, 1969

- 38 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
20	06	...	-	-	STATION : TRIVANDRUM				
	12	3	0.2	4.0	01	00	2	0.2	3.9
	18	3	0.2	4.0		06	2	0.2	4.1
21	00	3	0.2	4.0		12	2	0.2	4.8
	06	3	0.2	4.0		18	2	0.3	4.6
	12	3	0.2	4.0	02	00	2	0.3	4.7
	18	3	0.2	4.0		06	2	0.3	4.6
22	00	3	0.2	4.0		12	2	0.2	4.4
	06	...	-	-		18	2	0.3	4.2
	12	3	0.2	4.0	03	00	2	0.3	4.2
	18	3	0.2	4.0		06	2	0.3	4.6
23	00	3	0.2	4.0		12	2	0.3	5.3
	06	3	0.2	4.0		18	2	0.3	5.5
	12	3	0.2	4.0	04	00	2	0.3	5.1
	18	3	0.2	4.0		06	2	0.5	6.0
24	00	3	0.2	4.0		12	2	0.5	6.0
	06	3	0.2	4.0		18	2	0.4	5.8
	12	3	0.2	4.0	05	00	2	0.5	5.7
	18	3	0.2	4.0		06	2	0.4	5.4
25	00	3	0.2	4.0		12	2	0.4	5.6
	06	3	0.2	4.0		18	2	0.4	5.6
	12	3	0.2	4.0	06	00	2	0.6	5.3
	18	3	0.2	4.0		06	...	Power Failure	
26	00	3	0.2	4.0		12	2	0.6	6.1
	06	...	-	-		18	2	0.6	6.5
	12	3	0.2	4.0	07	00	2	0.7	6.4
	18	3	0.2	4.0		06	2	0.6	6.3
27	00	3	0.2	4.0		12	2	0.6	6.6
	06	3	0.2	4.0		18	2	0.6	6.4
	12	3	0.2	4.0	08	00	2	0.6	6.3
	18	3	0.2	4.0		06	2	0.5	6.4
28	00	3	0.2	4.0		12	2	0.5	6.5
	06	3	0.2	4.0		18	2	0.6	6.2
	12	3	0.2	4.0	09	00	2	0.4	6.2
	18	3	0.2	4.0		06	2	0.4	6.1
29	00	3	0.2	4.0		12	2	0.4	4.8
	06	3	0.2	4.0		18	2	0.2	3.2
	12	3	0.2	4.0	10	00	2	0.3	3.0
	18	3	0.2	4.0		06	2	0.4	3.0
30	00	3	0.2	4.0		12	2	0.4	3.3
	06	3	0.2	4.0		18	2	0.5	3.3
	12	3	0.2	4.0	11	00	2	0.5	3.1
	18	3	0.2	4.0		06	2	0.5	3.1
31	00	3	0.2	4.0		12	2	0.4	3.1
	06	3	0.2	4.0		18	2	0.4	2.6
	12	3	0.2	4.0	12	00	2	0.5	2.7
	18	3	0.2	4.0					

May, 1969

39

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in ssec	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
12	00	...	Power Failure		24	12	2	1.0	4.2
	12	2	0.7	3.0		18	2	0.7	3.7
	18	2	0.5	3.0					
13	00	2	0.5	3.3	25	00	2	1.0	3.5
	06	2	0.5	3.1		06	2	1.3	3.8
	12	2	0.5	3.3		12	2	1.2	4.1
	18	2	0.5	3.0		18	2	1.0	4.1
14	00	2	0.6	3.2	26	00	2	0.9	4.4
	06	2	0.5	3.2		06	2	1.0	4.5
	12	2	0.6	3.0		12	2	1.0	4.4
	18	2	0.5	3.2		18	2	1.2	4.6
15	00	2	0.6	3.0	27	00	2	0.9	4.5
	06	2	0.6	3.0		06	2	1.2	4.6
	12	2	0.6	3.2		12	2	1.1	4.8
	18	2	0.6	3.2		18	2	1.0	4.6
16	00	2	0.6	3.2	28	00	2	0.9	4.0
	06	2	0.6	3.4		06	2	1.0	3.8
	12	2	0.7	3.4		12	2	1.0	3.5
	18	2	0.6	3.9		18	2	1.2	4.2
17	00	2	0.6	3.8	29	00	2	1.3	4.2
	06	2	0.7	3.6		06	2	1.1	4.4
	12	2	0.7	3.2		12	2	1.1	4.5
	18	2	0.7	3.4		18	2	1.0	4.5
18	00	2	0.7	3.5	30	00	2	1.0	4.6
	06	2	0.8	3.3		06	2	1.0	4.6
	12	2	0.7	3.5		12	2	1.1	4.5
	18	2	0.9	3.7		18	2	0.9	4.8
19	00	2	0.8	3.4	31	00	2	1.0	4.9
	06	2	0.6	3.7		06	...	Power Failure	
	12	2	0.8	3.5		12	2	1.1	4.6
	18	2	0.8	3.5		18	2	1.1	4.6
20	00	2	0.7	3.6	STATION : VISAKHAPATNAM				
	06	2	0.7	3.6	01	00	1	1.4	2.8
	12	2	0.7	3.7		06	1	1.0	3.1
	18	2	0.9	3.7		12	1	0.7	2.9
21	00	2	0.7	3.5		18	1	0.4	2.7
	06	2	0.7	3.6	02	00	1	0.3	2.6
	12	2	1.0	4.1		06	1	0.3	2.5
	18	2	0.9	4.1		12	1	0.3	2.3
22	00	2	0.7	4.2		18	1	0.4	2.5
	06	2	0.8	3.9	03	00	1	0.2	2.2
	12	2	0.7	3.6		06	1	0.3	2.2
	18	2	0.6	3.5		12	1	0.3	2.1
23	00	2	0.5	3.4		18	1	0.3	2.1
	06	2	0.6	3.5	04	00	1	0.2	2.1
	12	2	0.6	3.6		06	1	0.2	2.2
	18	2	0.6	3.7		12	1	0.2	2.2
24	00	2	0.7	3.7		18	1	0.1	1.8
	06	2	0.7	3.8					

May, 1969

- 40 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
05	00	1	0.1	1.8	17	00	1	1.5	4.3
	06	2	0.3	5.7		06	1	1.4	4.3
	12	2	0.3	6.4		12	1	0.9	4.2
	18	2	0.5	5.3A		18	1	0.7	3.8
06	00	2	0.4	5.6	18	00	1	0.6	3.5
	06	2	0.6	5.6		06	1	0.6	3.8
	12	2	0.6	5.8		12	1	0.6	4.0
	18	2	0.5	5.5		18	1	0.6	4.1
07	00	2	0.5	5.0	19	00	1	0.5	3.2
	06	2	0.6	5.6		06	1	0.8	3.8
	12	2	0.7	6.2		12	1	0.5	3.4
	18	1	0.3	3.3		18	1	0.4	3.3
08	00	1	0.3	2.2	20	00	1	0.4	3.1
	06	1	0.1	1.8		06	1	0.5	3.5
	12	1	0.2	2.0		12	1	0.4	3.6
	18	1	0.4	2.2		18	...	Power Failure	
09	00	1	0.2	1.8	21	00	...	Power Failure	
	06	1	0.2	2.5A		06	1	0.5	3.3
	12	1	0.5	2.5		12	1	0.6	3.7
	18	1	0.7	3.0A		18	1	0.4	3.4
10	00	1	0.5	2.5A	22	00	1	0.4	3.3
	06	1	0.4	2.2		06	2	0.5	3.6
	12	1	0.3	2.0		12	2	0.6	3.8
	18	1	0.5	2.2		18	2	0.5	3.6
11	00	1	0.2	1.8	23	00	2	0.6	3.8
	06	1	0.2	2.5		06	2	0.5	3.6
	12	1	0.1	2.0		12	2	0.6	3.8
	18	1	0.1	2.1		18	2	0.5	3.8
12	00	...	Power Failure		24	00	2	0.5	4.1
	06	1	0.2	2.0		06	3	0.5	4.0
	12	2	0.4	4.2		12	3	0.6	4.0
	18	2	0.5	4.3		18	3	0.5	4.0
13	00	2	0.5	5.6	25	00	3	0.5	3.6
	06	1	0.3	2.8		06	1	0.6	4.5
	12	1	0.3	2.6		12	1	0.8	4.8
	18	1	0.3	2.6		18	1	0.8	4.9
14	00	1	0.3	2.6	26	00	1	0.8	4.6
	06	1	0.3	2.6		06	1	0.7	4.7
	12	1	0.3	2.9		12	1	1.0	4.9
	18	1	0.7	3.4		18	1	1.0	4.9
15	00	1	0.6	3.3	27	00	1	1.1	4.9
	06	1	0.9	3.8		06	1	1.1	4.9
	12	1	0.8	3.8		12	1	1.1	4.9
	18	1	1.1	4.2		18	1	1.2	4.9
16	00	...	Power Failure		28	00	1	1.2	5.0
	06	1	1.1	3.6		06	1	0.9	4.9
	12	1	1.7	4.5		12	1	0.8	4.7A
	18	1	2.0	4.5		18	1	1.6	2.8

May, 1969

- 41 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : VISAKHAPATNAM

STATION : VISAKHAPATNAM

29	00	1	0.7	3.1
	06	1	0.9	4.7
	12	1	0.8	4.7
	18	1	0.7	4.6
30	00	1	0.7	4.7A
	06	1	1.1	2.8
	12	1	1.0	2.7
	18	3	0.7	3.2A

31	00	3	0.7	4.8
	06	3	0.8	4.6
	12	3	0.7	4.5
	18	3	0.7	4.6-

microseisms.

(A)... Thunderstorm

/RANA/

JUNE, 1969

- 1 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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01	EPC: 4.9S, 154.2E (Solomon Islands - H 23h 56m 21.6s Depth 403 Kms, Mag. 5.5(CGS)				DDI	eP eS	08 38 24.9 40 51.4		12.8
					NDI	eP eS	08 38 32 40 57 M= 5.6		13.3
0	CHA iP *00 07 06 D 72.2 iS 15 54				MDR	eP	08 39 20		
	KOD iP 00 07 40				POO	eP eS	08 39 34 42 41		18.3
	POO eP 00 08 01.5				BOM	eP eS	08 39 45 43 11		19.0
	BOM eP 00 08 07 83.5 iS 17 47				KOD	iP	08 40 04.8 C		
	PBA iS 00 14 12								
	MDR iS 00 16 33				01	EPC: 26.7N, 60.6E SOUTHERN IRAN H - 12h 36m 30.2s Depth = 50 Km, Mag. 4.7 (CGS)			
01	EPC: 27.5N, 139.8E Bonih Islands Region - H = 01h 58m 03.4s Depth 482 Kms, Mag. 4.9 (CGS)				NDI	eP e	12 39 57 42 30		
	NDI iP 02 06 47.1 DNE				DDI	eP	12 40 11.2		
01	POO iP 02 07 29.5 D				01	EPC: 3.3N, 126.6E TALAUD ISLANDS - H = 13h 49m 06.8s Depth = 46 Km, Mag. 5.3(CGS) MS= 4.9			
	KoD iP 02 07 31.0 DE				SHL	iP	13 53 39 C		
01	EPC: 25.8N, 91.8E INDIA EAST-PAKISTAN REGION Felt at Shillong - H = 08h 35m 22.1s Depth 20 Km, Mag. 5.0(CGS)				BOK	eP	13 57 15		
	SHL iP 08 35 29 E				KOD	iP	13 57 53.3 DE		
	TOC ePn 08 36 05.2				DDI	iP	13 58 20.0 C		
	CHA iPn 08 36 30 4.4 iS 37 22.5				NDI	iP	13 58 20.8		
	CAL ePn 08 36 43 5.4 iSn 37 43				POO	eP	13 58 25		
	BOK ePn 08 36 46 5.5 i 37 12.3 iSn 37 46.3				01	POO ePg eSg eSn	15 07 09 07 24.5 07 26.5		1.1
	VIS eP 08 38 10 11.3 iPP 38 18 iS 40 18 iSS 40 31				01	NDI iPg iSg	17 23 17.4 CE 0.5 23 22.7		
					01	BOK e	19 57 34		
					01	POO ePg eSg eSn	22 00 24.5 00 41 00 43		1.

JUNE, 1969

- 2 -

 DATE STN PHASE H. M. S. △
Deg.

 DATE STN PHASE H. M. S. △
Deg.

01 EPC: 3.3S, 142.9E New
NEAR NORTH COAST OF GUINEA
-H = 23h 20m 45.5s
Depth = 110 Km, Mag. 4.8
(USCGS)
SHL eP 23 30 24 E

DDI eP 23 31 49.7

NDI eP 23 31 51.0

02 P00 ePg 01 16 34.5 1.1
eSg 16 49.5
eSn 16 51.5

02 P00 ePg 04 52 48

01 EPC: 12.9N, 143.4E
South of Mariana Islands
-H = 05h 39m 41.2s
Depth = 127 Kms, Mag. 4.8(CGS)

SHL eP 05 48 24 C

P00 eP 05 50 20.8

02 NDI iPg 06 47 31.5 CS 1.0
iPn 47 32.5
iSg 47 44.4
iSn 47 48.7

DDI eP 06 48 30.0

P00 e 06 52 04

02 BOK e 08 36 29

02 SHL eP 09 43 32

02 EPC: 59.5N, 144.7W
Gulf of Alaska
-H = 09h 47m 59.4s
Depth Normal, Mag. 4.7(CGS)

SHL eP 10 00 25 C

NDI eP 10 00 36.0

BOK e 10 11 13
i 12 31

02 BOM e 10 41 05

02 EPC: 8.4S, 74.3W
(Peru Brazil Border Region)

- H = 11h 07m 36.6s
Depth 127Km, Mag. 4.8(CGS) -

NDI iPKP 11 27 01.0 C

DDI ePKP 11 27 01.7 C

02 P00 ePKP 11 27 06
KOD iP 11 28 00.2 C

02 SHL iP 15 48 16 C

02 EPC: 36.3N, 71.2E
Afghanistan USSR Border Regio
- H = 17h 53m 04.5s
Depth = 228Km, Mag. 4.8(CGS)

DDI iP 17 55 03.3 D 0.2
eS 55 13.4
iS 56 31.8

NDI iP 17 55 12.9 D 9.1
i 55 13.4
iS 56

P00 eP 17 56 57.5

SHL eP 17 57 31

02 EPC: 4.8S, 102.7E, H=18h 26m
Southern Sumatra 25.8s,
Depth = 62 Kms, Mag. 4.7(CGS)

SHL iP 18 32 45

NDI eP 18 34 06.5 DS

03 NDI iP 00 35 24.5 D

P00 e 00 36 23

03 DDI eP 02 05 45.5

NDI iPg 02 06 33.2 DN 0.2
iSg 06 35.7 M=2.0

03 NDI iPg 02 47 36.6 DN 0.2
iSg 47 39.1 M=1.7

03 SHL iP 03 43 47 C

03 KOD e 04 17 52.0

03 BOK e 05 06 26

03 BOK e 08 22 49

03 BOK e 09 21 24

JUNE, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
03	EPC: 6.7N, 94.8E Nicobar Islands Region - H = 10h 19m 15.9s Depth = Normal, Mag. 4.5(USCGS)						03	POC	iPg eSg	23	26	44.6 D 27 00	1.2
								BOM	iPn iSn	23	26	55 D 27 18	1.7
	MDR eP 10 22 54 e 25 32							KOD	e eS	23	29	45.8 D 30 22.0	
	KOD iP 10 23 15.5 D i 26 15.5						03	MDR	e	23	30	14	
	POO eP 10 24 13						03	NDI	e	23	32	24.6	
03	EPC: 12.4N, 125.7E Samar Philippine Islands -H = 13h 26m 07.7s Depth = 48Km, Mag. 5.0(CGS)						04	EPC: 41.4N, 79.5E Kirgiz Sinikiang Border Region -H = 00h 39m 57.5s Depth = Normal, Mag. = 4.9 (CGS)					
	SHL iP 13 32 52 C							NDI	eP eS	00	42	59 45 16	12.7
03	NDI iPg 16 00 04.8 DN 0.2 iSg 00 07.3 M=1.8							CHA	eP	00	43	44 C	
03	NDI eP 18 15 38.7 8.7 eS 17 18.7							SHL	eP	00	44	17	
	CHA eP 18 17 11							POO	eP	00	45	06	
	SHL iP 18 17 57 D						04	BOK	e	08	41	48	
	CHA iP 18 20 05 C						04	BOK	e	09	11	06	
	POO eP 18 21 41						04	BOK	e	10	00	04	
03	NDI iP 19 34 29.4 CS 8.7 iS 36 09.9						04	NDI	e e	11	16	13 19 23	
	CHA iP 19 35 47 C						04	BOK	e	12	53	59	
	SHL iP 19 36 28 C						04	EPC: 25.6N, 61.1E Southern Iran -H = 16h 21m 34.7s Depth = Normal, Mag. 4.7(CGS)					
	CHA iP 19 38 31 D							NDI	eP	16	24	49	
03	EPC: 40.2N, 143.7E Off Coast of Honshu Japan -H = 21h 53m 06.5s Depth Normal, Mag. 4.8(CGS)						04	CHA	eP	16	26	42 C	
	SHL eP 22 01 33 C						04	KOD	ePg iSg	16	26	03.4 CN 26 25.5	2.7
	CHA eP 22 01 48							POO	e	16	28	45	
	NDI eP 22 02 35.4							CHA	iP	16	28	55 C	

JUNE, 1969

- 4 -

 DATE STN PHASE H. M. S. Δ
 Deg.

 DATE STN PHASE H. M. S. Δ
 Deg.

04 BOK e 16 29 41 Δ

04 SHL eP 16 43 47

04 EPC: 7.0S, 129.9E
 Banda Sea
 -H = 16h 41m 16.8s
 Depth= 93Km, Mag. 5.1(CGS)

SHL eP 16 49 55 C

MDR eP 16 50 28

CHA iP 16 50 30 C

KOD eP 16 50 40.3

POO eP 16 51 20

04 SHL iP 19 10 10 D

04 DDI eP 19 17 24.5

04 EPC: 15.2N, 122.3E
 Philippine Islands Region
 Felt,
 H = 20h 17m 25.6s Depth= 29Km
 Mag. = 5.1 (CGS)

SHL eP 20 23 37

CHA eP 20 24 15

DDI eP 20 25 26.2

04 CHA iP 22 30 33.3 C 1.4
 Pg 30 35.4
 PP 30 40.0
 S 30 53.2

04 SHL iP 22 48 54 D

05 SHL eP 02 37 46

05 EPC: 36.7N, 71.2E
 Afghanistan-USSR Border
 Region
 -H = 06h 00m 28.5s
 Depth= 232Km, Mag. 4.6 (USCGS)

DDI iP 06 02 28.4 D 8.5
 iS 04 06.4

NDI iP 06 02 39.9 CSE 2.4
 eS 04 18

BHK e 06 02 55.0
 i 03 21.0

CHA eP 03 04 12 C

SHL iP 03 04 54 CE

05 SHL iP 08 36 12 CMW

05 BOK e 09 00 02

05 BOK e 09 02 25

05 CHA iP 09 35 45.3 1.6
 iS 36 06.8

05 EPC: 4.9N, 96.3E
 Northern Sumatra
 -H= 10h 45m 43.5s
 Depth= Normal, MB= 5.3
 MS= 4.8 (CGS)

PBA iS 10 48 53.6

MDR eP 10 49 51 17.6
 eS 52 58

VIS iP 10 49 53 17.8
 iPPP 50 10
 iS 53 03

KOD iP 10 50 11.0 CM

SHL eP 10 50 25 DN

BOK eP 10 50 31
 i 54 31

CHA iP 10 50 54 D

BOM eP 10 51 12

POO eP 10 51 15

NDI eP 10 51 48

DDI iP 10 51 55.1 C

05 EPC: 7.1S, 129.1E
 Banda Sea
 -H = 10h 59m 59.1s
 Depth= 153Km
 MB = 5.1 (USCGS)

JUNE, 1969

JUNE, 1969					JUNE, 1969					
DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
	SHL	iP	11 08 29	C	06	BOK	e	08 06 32		
	NDI	iP	11 09 59.2	C	06	BOK	e	09 06 59		
05	DDI	eP	14 08 52.6		06	BOK	e	09 31 55		
05	SHL	iP	15 42 53	CNW	06	BOK	e	10 22 18		
	CHA	iP	15 48 49.4	C 4.6	06	DDI	eP	10 58 12.0		
		PP	44 06.4		06	SHL	iP	14 25 50	CW	
		S	44 51.2			CHA	iP	14 26 49.6	C 4.4	
05	SHL	ePg	15 50 27	1.3			PP	26 54.5		
		eSg	50 45				LQ	27 28.4		
							S	27 42.1		
05	NDI	e	17 21 10		06	SHL	iP	14 49 57	DNW	
05	EPC: 1.9N, 127.4E Halmahera - H = 17h 20m 16.4s Depth = 97 Kms, MB = 5.2(USCGS)						CHA	eP	14 50 42	
	SHL	iP	17 27 56	DE	06	SHL	eP	16 35 31		
	CHA	iP	17 28 32	C	06	SHL	iP	19 38 25	CSE	
	KOD	eP	17 29 05.5	C		CHA	iP	19 38 58	D	
	NDI	eP	17 29 36		06	PBA	i	20 22 40.1		
	DDI	iP	17 29 38.7	D	06	EPC: 22.6S, 68.4W Northern Chile - H = 22h 25m 37.3 Depth = 125 Kms. Mag. = 5.0 (CGS)				
	POO	eP	17 29 39.6			KOD	ePKP	22 45 03	C	
05	SHL	eP	17 33 32			NDI	ePKP	22 45 07.8		
05	POO	iPg	18 25 11.7	D 1.2		07	CHA	iPg	00 24 48.9	C 0.9
		iSg	25 28.5					Sg	24 59.0	
	KOD	e	18 28 45.5			07	SHL	iP	00 51 10	CS
05	DDI	iP	18 48 30.0	D 7.9		07	CHA	iP	00 52 11.9	C 6.1
		eS	50 01.0					PP	52 18.9	
	NDI	eP	18 48 45	8.7				Pg	52 40.6	
		eS	50 27					S	53 23.0	
05	SHL	eP	21 01 09		07	SHL	eP	02 35 11		
06	NDI	eP	04 31 49		07	CHA	iP	06 02 23	D	
06	NDI	eP	05 07 11.3		07	BOK	e	08 11 09		
06	DDI	eP	05 51 22.5							

JUNE, 1969

- 6 -

DATE	STN	PHASE	H.	M.	S.		△ Deg.
07	EPC:	2.2S,	79.8W				
		Near Coast of Ecuador, Felt at Guayaquil -H = 08h 27m 32.8s Depth= 90 Kms, Mag. 4.7(CGS)					
	DDI	iP	08	47	01.3	D	
07	CHA	iP*	18	47	23.8	C	1.2
		S*		47	39.2		
07	BOK	e	19	30	53		
07	PBA	ePg	22	27	13.2		1.0
		iSg/PPP	27	26.7			
07	EPC:	52.5N,	169.1W				
		FOX ISLANDS, ALEUTIAN ISLANDS -H = 22h 47m 15.4s Depth= 42 Kms., Mag. = 5.2(USCGS)					
	SHL	iP	22	58	55.0	CS	
	CHA	eP	22	59	06		
	DDI	iP	22	59	15.4	C	
	NDI	iP	22	59	24.9	CSW	
	POO	eP	23	00	16		
07	BOK	i	23	32	19		
08	SHL	iP	00	59	38	D	
	CHA	iP	01	00	10	D	
	POO	eP	01	00	42.5		
	NDI	iP	01	01	03.4	D	
		i		01	14.3		
		e		04	13.0		
	DDI	eP	01	01	07.4		
08	NDI	e	03	08	10		
08	NDI	eP	06	17	26		
08	NDI	e	06	29	21		
08	KOD	iP	07	02	09.5	DE	
08	NDI	iP	11	02	13.9	DN	

DATE	STN	PHASE	H.	M.	S.		△ Deg.
08	KOD	e	12	04	40.3		
08	DDI	eP	12	19	35.5		
08	DDI	eP	14	25	50.4		7.8
		eS		27	19.9		
	NDI	eP	14	25	59		8.4
		iS		27	35		
	BHK	e	14	26	38		
	POO	e	14	31	50		
08	DDI	eP	14	59	39		
	NDI	iP	14	59	52.7	C	
		i		15	00	32	
	POO	eP	15	00	54.5		
08	POO	e	16	03	33		
08	DDI	eP	16	54	44.8		
	NDI	ePn	16	55	04		2.2
		eSn		55	32		
		i		55	49		
08	KOD	iP	23	20	52.0	D	
09	TOC	iPn	00	29	56.6		1.13
		i		29	59.1		
		iSn		30	13.1		
	CHA	iP	00	31	10	D	
	DDI	eP	00	33	01.7		
	NDI	eP	00	33	05		
		e		35	52		
09	NDI	iP	02	02	30.9	D	
09	BOK	iP	06	01	38	CW	62.0
		S		10	02		
09	EPC:	3.2S,	142.9E				
		Near Northern Coast New Guinea Felt at Wewak -H = 06h 51m 16.1s Depth= 17 Kms, Mag. 5.2 MS= 5.3(USCGS)					
	CHA	iP	07	01	37	D	

JUNE, 1969

 DATE STN PHASE H. M. S. Δ
 Deg.

 DATE STN PHASE H. M. S. Δ
 Deg.

	DDI	iP	07 02 31.9	C	
	NDI	iP	07 02 32.4	C	
		e	02 38.6		
		e	11 46.0		
	POO	eP	07 02 37		
	BOM	e	07 12 03		
09	POO	eP	07 09 15		
09	POO	ePg eSg	12 01 26 01 43	1.3	
	BOM	ePn eSn	12 01 38 02 00	1.6	
09	KOD	iP	16 01 21.0	CS	
09	NDI	e	17 29 51.7		
09	POO	e	17 30 -		
09	NDI	i	18 04 47.4		
09	DDI	eP	18 25 25.8		
09	EPC: 42.0N, 84.6E Northern Sinkiang Prov., China -H = 18h 52m 26.3s Depth = 36Kms, Mag. 4.7(USCGS)				
	NDI	eP	18 55 50		
	SHL	eP	18 56 29		
09	SHL	iP	22 08 11	D	
	DDI	eP	22 10 04		
09	BOK	e	22 18 07		
09	BOM	e	23 01 14		
09	EPC: 44.0N, 148.9E Kurile Islands -H = 23h 09m 43.6s Depth = 50 D Mag. = 5.1 (USCGS)				
	SHL	iP	23 18 28	NE	
	DDI	eP	23 19 23.7		

	NDI	iP	23 19 34.4	DN	
	POO	eP	23 20 31		
10	DDI	eP	03 05 32.6		
10	DDI	eP	04 37 51.9		
10	DDI	eP	04 52 55.3		
10	DDI	ePn iSn	05 20 04.2 20 27.1	1.72	
10	DDI	ePn eSn	05 36 01.0 36 23.8	1.72	
10	VIS	iP	07 01 42	DE	
10	SHL	eP	07 51 47		
10	DDI	eP	08 15 43.2		
10	DDI	eP	08 32 01.0		
10	EPC: 51.8N, 176.1W AndreanoF Islands, Aleutian Islands -H = 15h 26m 27.6s Depth = 65 Kms., Mag. = 4.6 (CGS)				
	POO	eP	15 39 09		
10	EPC: 13.2N, 121.4E Mindoro, Philippine Islands felt -H = 17h 15m 29.4s Depth = 37Kms, MB = 5.4 (CGS) MS = 4.6 (
	CHA	iP	17 22 19	D	
	BOK	eP eS	17 22 27 28 04	35.7	
10	VIS	iP	17 22 39	DE	
	DDI	iP	17 23 31.8	C	
K	KOD	iP	17 23 32.6	DE	
	POO	eP	17 23 52.5		
	BOM	iP eS	17 24 03 30 56	7.4	

JUNE, 1969

- 8 -

DATE STN PHASE H. M. S. \triangle
 Deg.

DATE STN PHASE H. M. S. \triangle
 Deg.

10 EPC: 36.4N, 70.7E
Hindu Kush Region
-H= 22h 52m 12.1s
Depth= 203 Km, Mag. 5.4(USCGS)

BHK eP 22 53 51.0 6.7
iS 55 06.0

DDI iP 22 54 13.5 D 8.6
iPP 54 21.2
PPP 54 27.7
iS 55 50.2

NDI iP 22 54 23.8 DNW 9.3
iS 56 02.8 M= 5.9

CHA iP 22 56 00 17.1
eS 58 57 M=6

BOM iP 22 56 07 17.8
i 56 25
eS 59 19

POO eP 22 56 11.5 D
e 59 31

BOK iP 22 56 14 DNW 18.5
e 59 23
iS 59 28

10 SHL eP 22 56 43

GOA eP 22 56 43 21.2
iS 23 00 25.9

VIS eP 22 56 50 22.0
eS 23 00 37

TOC eP 22 56 57

MDR eP 22 57 18 24.9
iS 23 01 28

KOD iP 22 57 37.0 DN

10 SEH iS 22 57 56.0

CAL iS 23 00 18

10 TRD e 23 05 48
e 06 35

10 EPC: 36.3N, 70.4E
Hindu Kush Region

-H = 23h 30m 53.7s
Depth = 213 Kms(USCGS)
Mag. = 5.2 (CGS)

BHK eP 23 32 32.5 6.9
eS 33 52.0

DDI eP 23 32 57 8.7
iPP 33 05.0
iPPP 33 12.5
iS 34 33.2
iSS 34 45.0

NDI iP 23 33 07.5 DNW 9.5
iS 34 48.2

SEH eS 23 36 37

CHA eP 23 34 44 12.4
iS 37 42 M= 6 $\frac{1}{2}$

BOM iP 23 34 48 DN 17.8
i 35 50
eS 38 01

POO eP 23 34 53.0 D
e 38 15

BOK iP 23 34 56 CSE 18.5
i 36 04
iS 38 11
i 38 21
i 38 38

SHL eP 23 35 25
VIS eP 23 35 31 22.0

e 35 57
i 36 34
iS 39 17

10 TOC eP 23 35 43

CAL iS 23 39 04

KOD iP 23 36 18.0 N
eS 37 00.5

SEH eS 23 36 37

CAL iS 23 39 04

MDR eS 23 40 08

TRD i 23 45 15.3

11 DDI iP 01 10 41.0 D

JUNE, 1969

- 9 -

DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
11	DDI	eP	01.17 31.2			NDI	eP	21 35 11.6	
11	EPC:	1.1N, 98.8E				DDI	eP	21 35 12.0	
		Northern Sumatra			11	SHL	ePg eSg	22 37 39 37 51	1.0
		-H = 04h 48m 20.3s			12	POO	eP	06 51 50	
		Depth = 53 Kms(USCGS)			12	EPC:	40.3N, 143.7E		
		Mag. = 5.3 (CGS)					Off Coast of Honshu, Japan		
	MDR	eP	04 53 11				-H = 07h 41m 25.1s		
	VIS	eP	04 53 22	23.1			Depth = Normal		
		eS	57 24				Mag _B = 5.1 (CGS)		
	PBA	i	04 53 41				Mag _S = 5.1 (CGS)		
	SHL	iP	04 53 44	DSE		SHL	iP	07 49 42	CW
	CHA	eP	04 54 10			CHA	iP	07 50 07	48.3
	POO	eP	04 54 27				S	57 07	
	NDI	iP	04 55 03.8	DSE 34.3		BOK	eP	07 50 26	50.3
		eS	05 00 36.3				eS	57 38	
	DDI	iP	04 55 12.0	D		DDI	eP	07 50 43.1	
11	SHL	iP	05 52 26	CE		NDI	iP	07 50 53.5	CSW 54.7
11	NDI	e	10 58 07.5				eS	58 34	
11	NDI	e	14 38 18.2				SS	08 02 27	
	EPC:	27.4N, 139.9E			12	BOM	e	08 20 30	
		Bonin Islands Region			12	CHA	iP*	08 29 22.2	D 1.1
		-H = 15h 11m 17.4s (USCGS)					PP	29 29.9	
		Depth = 500 Kms, Mag. 4.8(CGS)					S*	29 37.6	
	SHL	iP	15 18 32	DNE	12	CHA	iPg	12 44 45.5	0.4
							Sg	44 51.5	
	CHA	eP	15 19 01		12	EPC:	9.4N, 126.2E		
	DDI	iP	15 19 53.8	D			Midnao, Phillipine Islands		
	NDI	iP	15 20 00.9	DE 54.8			-H = 12h 51m 57.7s		
		eS	27 01				Depth = 69 Kms,		
	POO	iP	15 20 42.5	D			Mag.B = 4.9 (CGS)		
	KOD	iP	15 20 44.0	DE		SHL	iP	12 58 57	D
11	EPC:	8.6S, 79.7W			12	DDI	eP	13 00 11.9	
		Near Coast of Northern Peru			12	DDI	eP	13 10 41.1	
		-H = 21h 15m 32.6s				BHK	ePn	13 10 17.0	2.1
		Depth = 81 Kms, USCGS					eSn	10 44.0	
		Mag. = 5.0 (CGS)				NDI	ePn	13 11 11.5	2.9
							eSn	11 47.3	

JUNE, 1969

- 10 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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12	EPC:	34.4N, 25.1E	(CRETE)		12	EPC:	24.0N, 122.4E		
		Felt at Alexandria Egypt.					Taiwan Region		
		-H = 15h 13m 31.1s					-H = 18h 59m 08.1s		
		Depth = 25 Kms, MagB 5.8(CGS)					Depth = Normal		
		MS 5.8(					Mag. = 5.3 (CGS)		
	BHK	eP	15 21 28.6			SHL	iP	19 04 57	DS
	NDI	eP	15 21 42	S 44.5		CHA	iP	19 05 36	D
		iS	28 14			DDI	iP	19 06 40.5	
		e	31 37			NDI	eP	19 06 47	
	DDI	iP	15 21 43.4	44.7		POO	eP	19 07 26	
		iS	28 12.0						
	BOM	iP	15 21 48	CSE 45.4	12	BOM	e	19 27 35	
		e	21 56		12	EPC:	56.5S, 25.3W		
		PP	23 33				South Sandwich Islands Region		
		iS	28 24				-H = 20h 28m 31.9s		
		e	28 37				Depth = 9 Kms		
	POO	eP	15 21 54.5	46.2			MS = 5.5		
		iS	28 42				MS = 5.4(CGS)		
	GOA	eP	15 22 08.4	48.0		NDI	eP	20 47 24	
		PCP	23 34.2			SHL	eP	20 47 32	
		iS	29 03.2			CHA	eP	20 47 33	
	CHA	iP	15 22 50	C 53.3		13	NDI	eP	01 31 24
		iS	30 18			13	BOK	i	08 38 41
	BOK	iP	15 22 51	CSE 53.6		13	EPC:	49.4N, 155.5E	
		iS	30 19				Kurile Islands		
		SS	33 59				-H = 08h 48m 29.5s		
	VIS	iP	15 22 56	E 54.1			Depth = 64 Km,		
		ePP	24 55				MB = 5.9(CGS), Mag. 6 $\frac{1}{4}$ (PAS)		
		eS	30 31				6 $\frac{1}{4}$ (BRK) 6 $\frac{1}{4}$ -6 $\frac{1}{4}$ (GOL)		
	MDR	iP	15 22 57	C 54.4		SHL	iP	08 57 49	CW 54.0
		iS	30 31				iS	09 05 20	
	SHL	iP	15 23 20	CS 57.6		CHA	eP	08 58 07	
		iS	31 12				e	09 06 18	
	PBA	iP	15 24 11	65.2		BOK	iP	08 58 27	CSW 59.3
		iS	32 57				iS	09 06 29	
	TRD	eS	15 30 31				i	07 06	
		e	31 42				i	08 36	
12	POO	ePg	16 11 39			CAL	iP	08 58 27	
12	SHL	iP	16 49 29	DNE		DDI	iP	08 58 28.9	59.6
							eS	09 06 33.7	

JUNE, 1969

- 11 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	BHK	eP	08 58 30		13	NDI	eP	15 21 40	
	NDI	eP	08 58 41	C 61.4	13	PBA	ePg	16 29 54.8	1.0
		PPP	(02 31				iSg	30 07.3	
		S	06 57		13	NDI	eP	16 38 46	
		PS	07 25		13	CHA	iPg	17 31 28.4 D	1.0
		i	12 05				Sg	31 40.9	
		SSS	13 55						
	PBA	iP	08 58 59	CS 64.1	13	EPC: 3.9N, 127.7E Talaud Islands -H = 22h 03m 47.8s Depth = 94 Kms, Mag. 4.7(CGS)			
		iS	09 07 28			SHL	iP	22 11 20	CW
	VIS	iP	08 59 08	65.5		CHA	eP	22 11 59	
		ePP	09 01 38		13	NDI	e	23 34 55	
		eS	07 50						
		ePS	08 14		14	EPC: 51.3N, 179.7W Andrean of Islands Aleutian Islands -H = 00h 23m 11.4s Depth = 38 Kms, MB= 4.9(CGS) MS= 4.6			
		ePPS	08 26			SHL	eP	00 34 17	
	POO	eP	08 59 42	70.8		CHA	iP	00 34 30	D
		eS	09 08 52			DDI	eP	00 34 44	
	MDR	iP	08 59 43	C 71.1		POO	eP	00 35 47	
		PPP	04 07						
		eS	08 57		14	EPC: 31.7N, 94.6E(TIBET) -H = 03h 28m 29.6s Depth = Normal Mag. = 5.3 (CGS)			
		SS	13 33			TOC	eP	03 30 04	5.3
	BOM	iP	08 59 44	CW 71.3		eS		31 06	
		i	09 00 12			SHL	eP	03 30 05	
		eS	09 00			CHA	eP	03 30 30	
	GOA	eP	08 59 56.0	73.4		i		33 07	
		PP	09 02 45.0			BOK	eP	03 31 08	10.8
		PPP	04 31.0			eS		33 12	
		eS	09 21.0		13	POO	ePg	11 17 01	
		PS	10 02.0		13	SHL	iP	12 33 07	CN
		SS	14 12.4		13	NDI	e	13 56 16	
	KOD	eP	09 00 04.5	CSW 74.8					
		S	09 36.0						
		PS	10 12.0						
	TRD	eP	09 00 18						
		e	00 44						
		e	00 17						
13	BOK	e	09 49 22						
13	POO	ePg	09 59 42	1.2					
		eSg	59 59						
13	POO	ePg	11 17 01						
13	SHL	iP	12 33 07	CN					
13	NDI	e	13 56 16						

JUNE, 1969

- 12 -



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DATE STN PHASE H. M. S.

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Deg.

DATE STN PHASE H. M. S.

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Deg.

P00 eP 03 33 32
 KOD iP 03 34 09.0 C
 VIS eP 03 35 28
 14 EPC: 7.9S, 159.0E
 Solomon Islands
 -H = 03h 22m 56.8s
 Depth = 62 Kms
 Mag. = 6.0 (USCGS)
 FELT AT HONIARA
 Mag. = 6 $\frac{1}{2}$ - 6 $\frac{3}{4}$ (PAS)
 5.8 - 6.0 (BRK)
 14 BOK iP 03 34 52
 iPCP 35 03
 iS 44 03
 VIS iP 03 34 54 CW
 MDR eP 03 35 07
 KOD iP 03 35 20.0
 i 35 20.5
 DDI iP 03 35 31.1
 IPCP 35 48.0
 iS 46 04.0
 NDI iP 03 35 33
 BOM iP 03 35 47 CE
 eS 46 29
 14 DDI eP 06 09 41.0
 i 12 36.5
 14 NDI eP 06 09 48 8.7
 eS 11 28
 14 P00 ePg 07 09 01
 14 BOK iP 08 42 45
 14 EPC: 2.2S, 137.8E
 WEST NEW GUINEA
 -H = 09h 24m 15.4s
 Depth = 113 Kms, Mag. 4.8(CGS)
 DDI eP 09 34 49.3
 i 37 33.3
 14 KOD iP 09 52 10.5 C

14 DDI eP 12 56 46.2
 NDI eP 12 57 05 8.2
 eS 58 39
 14 CAL i 13 14 51
 14 EPC: 34.3N, 25.1E (CRETE)
 -H = 13h 47m 24.2s
 Depth = 9 Kms
 Mag. = 5.0 (CGS)
 NDI eP 13 55 38
 DDI iP 13 55 38.6 C
 CHA eP 13 56 46
 KOD eP 13 56 48.0
 SHL eP 13 57 15
 14 NDI iP 14 02 09.0 C
 14 EPC: 41.4N, 43.2E
 TURKEY-USSR BORDER REGION
 -H = 17h 45m 01.8s
 Depth = 26 Kms, Mag. 4.7(CGS)
 NDI eP 17 51 10
 CHA iP 17 52 23 D
 14 CHA iP 20 45 38.6 D 2.2
 S 46 06.4 M=4
 NDI eP 20 46 12 13.8
 i 48 47
 SHL eP 20 46 22
 BOK eP 20 47 11
 DDI eP 20 48 03.3
 14 CHA iP 23 57 02 D
 15 NDI i 04 34 54.1
 15 P00 ePg 06 59 08.5 1.2
 iSg 59 24.4
 15 KOD e 07 02 37.0
 15 PBA iPg 07 39 38.4 D 0.8
 iSg 39 48.4

JUNE, 1969

13

 DATE STN PHASE H. M. S. Δ
 Deg.

 DATE STN PHASE H. M. S. Δ
 Deg.

15 GOA ePn 08 24 50.4
 DDI eP 08 25 50.3
 15 SHL iP 13 41 22 DSE
 15 EPC: 4.7S, 102.2E
 Southern Sumatra
 -H = 16h 56m 32.0
 Depth = 28 Kms, Mag. 5.3(CGS)
 VIS eP 17 02 30 29.0
 ePP 03 25
 ISC 07 21
 KOD eP 17 02 30.5
 SHL iP 17 02 54.0 CNW
 BOK iP 17 03 02.0 CNW 32.5
 i 03 15
 S 08 17
 CHA iP 17 03 20 C
 P00 eP 17 03 33
 NDI iP 17 04 12.5 CNW 40.9
 eS 10 23
 DDI iP 17 04 18.8 C
 BOM eS 17 09 34
 15 SHL ePg 18 48 05 1.3
 eSg 48 23
 15 PBA i 20 26 53.6
 15 SHL eP 22 08 04
 16 NDI iPg 00 12 58.5 CNW 0.2
 iSg 13 01.1 M=1.8
 16 DDI eP 02 31 50.5
 16 BOK iP 08 48 00
 16 BOK iP 08 54 36
 16 P00 ePg 09 36 51.5
 16 BOK iP 09 39 09
 16 BOK iP 10 02 22

16 EPC: 4.9S, 125.7E BANDA SEA
 -H = 15h 45m 53.3s
 Depth = 38 Kms, Mag. 5.4(CGS)
 SHL iP 15 54 05.0 D
 VIS eP 15 54 27 27.5
 iPP 56 18
 S 16 01 23
 BOK eP 15 54 36 43.6
 iS 16 01 35
 CHA iP 15 54 39
 MDR eP 15 54 40 49.2
 eS 16 01 40
 SCS 04 32
 16 CHA iP 15 54 45.4 D
 KOD eP 15 54 54.5
 PBA i 15 55 23
 P00 eP 15 55 37
 DDI eP 15 55 40.2
 BOM eP 15 55 48 58.5
 PP 57 54
 PCS 16 00 45
 eS 03 37
 TRD e 16 01 25
 16 CHA iP 21 01 06 C
 SHL eP 21 01 44
 16 SHL eP 21 36 06
 CHA iP 21 36 53.8 D 8.2
 PPP 37 06.5
 S 38 27.5
 SS 38 38.4
 LR 38 41.7
 SSS 38 49.4
 16 CHA iPg 21 51 10.0 C 0.5
 eSg 51 16.9
 16 DDI eP 23 51 25.2
 17 NDI eP 02 36 24 4.7
 eS 37 19

JUNE, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
	POO	eP	02	40	33			MDR	iP	19	36	35	62.7	
17	PBA	i	03	03	28.7				iS		44	47		
17	CHA	iPg eSg	07	19	51.8	C 0.5		KOD	iP	19	36	57.3	CW 66.2	
				19	58.2	M= 3.1			iS		45	30.0		
	SHL	eP	07	20	59			TRD	iP	19	37	03	W 67.1	
17	NDI	e	07	23	05				e		40	11		
17	BOK	eP	08	46	19				PCB		41	51		
17	BOK	iP	08	47	47				iS		45	39		
17	BOK	eP	09	18	03			POO	iP	19	37	04.3	C 67.3	
17	EPC: 19.0N, 145.5E								iS		45	39		
	Mariana Islands							BOM	iP	19	37	07	W 67.8	
	-H = 19h 26m 28.9s								e		39	30		
	Depth = 206 D, Mag. 5.8 (CGS)								iS		45	48		
	Mag. = 5.9 (PAS), 5.9 (BRK)							GOA	eP	19	37	10.6	68.3	
	BOK	eP	19	34	50				eS		45	50.0		
	SHL	iP	19	35	04	CW 50.3		17	BOM	eP	19	37	56.5	65.6
	i								PP		40	21		
	iS								iS		45	41.5		
	CAL	eP	19	35	30	W 54.0			iS		47	12		
	iS							17	EPC: 43.2N, 45.3E					
	CHA	eP	19	35	36	C 54.5			Eastern Caucasus					
	iS					M= 7.0			-H = 23h 24m 41.7s				Depth=6Kms.	
	i								Mag. = 5.1 (CGS)					
	BOK	eP	19	35	46	CW 56.0			DDI	eP	23	30	56.0	
	i								CHA	iP	23	32	00	C
	eS								SHL	iP	23	32	33	CS
	i								KOD	iP	23	32	46.5	CE
	VIS	iP	19	36	06	58.8		17	EPC: 52.6S, 159.7E					
	ePP								Macquarie Islands Region					
	iS								-H = 23h 58m 10.1s					
	eSS								Depth = Normal					
	DDI	eP	19	36	24.3	61.5			Mag. = 6.1 (CGS)					
	iS								M = 3 = 6.6					
	PBA	i	19	36	26				Mag. = 6-6.1 (PAS), 6 (BRK)					
	i							18	KOD	eP	00	11	28.0	
	iS													
	i							18	MDR	eP	00	11	30	
									e			22 15		
								18	PBA	e	00	11	30	
									iS			21 32		

JUNE, 1969

- 15 -

DATE STN PHASE H. M. S.

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Deg.

DATE STN PHASE H. M. S.

 Δ
Deg.

18 SHL eP 00 11 45

18 BOK eP 00 12 07

 18 TRD SKS 00 22 01
PPS 24 33
SSS 35 02

 18 CHA eP 00 12 11
eS 23 44

 18 BOM eP 00 12 16
eS 24 04
PS 25 44

 18 TRD eSKS e00 22 01
eS 22 40
ePPS 24 33

18 DDI eP 01 36 13.4

 18 KOD ePn 01 52 48.0
eSn 53 34.5

18 P00 eP 06 01 58

 18 TOC iPn 06 53 56.1
ISN 54 11.6

SHL eP 06 54 02 CW

 CHA iP 06 54 56.1 D 9.5
eS 56 45.2 M=4 $\frac{3}{4}$

KOD iP 06 58 14.5 CE

NDI iP 06 59 48.3 DW

 18 EPC: 13.3N, 145.2E
Mariana Islands
-H = 07h 24m 26.1
Depth = 52 Km,
Mag. = 4.8(CGS) FELT ON GUAM

SHL eP 07 33 24

CHA eP 07 33 48 D

18 NDI iP 08 48 46.0 CSW

BOK iP 08 49 25

18 BOK iP 09 22 31

18 BOK eP 09 25 50

 18 SHL iP 11 59 22 CE 1.3
eSg 59 40

 CHA iP 11 59 40.9 D 2.7
p* 59 44.0
PP 59 47.6
LQ 12 00 02.6
S 00 15.3

 18 NDI eP 15 15 15 8.2
iS 16 49

18 DDI eP 15 30 02.0

 18 CHA eP 15 48 56 C
SHL eP 15 49 31

 18 EPC: 1.6N, 66.7E
CARLSEERG RIDGE
-H = 17h 11m 48.0s
Depth = 23 Kms, Mag. 5.0(CGS)

KOD eP 17 15 02

CHA eP 17 18 10

 18 CHA iP 19 38 44.5 C 1.5
Pg 38 47.0
PP 38 50.8
S 39 05.4

18 CHA eP 19 39 53

 18 PBA ePg 20 11 14.9 0.2
eSg 11 17.4

 18 EPC: 5.9N, 94.7E
(Northern Sumatra
-H = 20h 08m 36.4s
Depth = 69 Kms.
Mag. = 5.1 (CGS)

VIS iP 20 12 20 CW

 MDR eP 20 12 21 N 16.2
eS 15 14

 KOD iP 20 12 41.5 CW
i 15 40.0

SHL iP 20 13 01 CN

 CHA iP 20 13 27
i 17 23

JUNE, 1969

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	P00	eP	20 13 48		19	SHL	eP	04 43 26	
	NDI	eP	20 14 24		19	DDI	eP	05 32 33.6	
	DDI	eP	20 14 33.5		19	SHL	eP	05 39 21	
18	EPC: 0.5N, 126.1E -MOLUCCA PASSAGE -H = 20h 43m 19.2 Depth = 5 Kms, Mag. 5.3(CGS)					CHA	eP	05 40 02	
	SHL	eP	20 51 07			DDI	eP	05 41 07.5	
	CHA	iP	20 51 41 D			NDI	eP	05 42 03	
	KOD	eP	20 52 11.2		19	CHA	eP	05 43 25	
	P00	eP	20 52 46		19	P00	ePg	07 02 58	
	DDI	eP	20 52 50	54.4	19	EPC: 28.1N, 130.0E RYUKYU ISLANDS -H = 07h 03m 04.9s Depth = 45 Kms, MB=5.5,MSL4.9(CGS)			
		eS	21 00 24			SHL	eP	07 09 34	CW
18	SHL	iP	23 49 15 DW			CHA	iP	07 10 19	C
18	EPC: 52.6N, 167.9W FOX ISLANDS, ALEUTIAN ISLANDS -H = 23h 44m 11.2 Depth = 18 Kms, MB = 5.4(CGS) MS = 5.6(CGS) Mag. = 5.2 (BRK)					DDI	iP	07 11 17.1	C
	CHA	iP	23 56 07 C		19	NDI	eP	07 11 25.5	CW 46.0
	i		00 06 11			eS		18 06	
	DDI	iP	23 56 16.9 C		19	MDR	e	07 11 46	
18	BOK	iP	23 56 25 CS 80.8			P00	eP	07 12 11	
	eS		00 06 31			KOD	iP	07 12 14.7	CW
	NDI	iP	23 56 26.7 C		19	BOK	iP	11 22 34	
	BOM	eP	23 57 15		19	BOK	iP	13 21 41	
	e		00 07 53		19	EPC: 38.5N, 71.0E AFGHANISTAN-USSR BORDER REGION -H = 18h 18m 59.8s Depth = 117 Kms, Mag. = 4.8 (CGS)			
	P00	eP	23 57 17			DDI	iP	18 21 24.1	D
	e		00 07 47			i		23 30.0	
	KOD	eP	23 57 41.5			NDI	eP	18 21 36	11.2
19	SHL	iP	00 55 57 CSE			eS		23 47	
19	CHA	iP	02 27 53 D			CHA	iP	18 23 06	D
	SHL	iP	02 28 42 D			P00	eP	18 23 35	

JUNE, 1969

- 17 -

DATE STN PHASE H. M. S.

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Deg.

DATE STN PHASE H. M. S.

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Deg.

19 SHL eP 18 23 41

 19 EPC: 53.3N, 159.9E
Near East Coast of Kamchatka
-H = 18h 56m 46.9s
Depth = 41 Kms.
Mag. = 5.2 (CGS)

CHA eP 19 06 42

DDI eP 19 07 00.5 C

KOD iP 19 08 39.5 C

19 CHA iP 19 34 16 C

NDI e 19 36 11

 19 PBA ePg 19 51 20.1
iSg .51 27.1

19 SHL iP 20 30 37 CS

CHA iP 20 32 10 C

19 SHL eP 20 35 46

 19 EPC: 54.2N, 164.0W
Unimak Island Region
-H = 20h 24m 59.6s
Depth = 25 Kms, Mag. 5.0 (CGS)
Felt at Cold Bay.

CHA iP 20 37 03 C

DDI iP 20 37 10.5 C

19 CHA eP 21 45 14

20 P00 eP 00 38 58

 20 EPC: 53.2N, 162.4 W
South of Alaska
-H = 02h 37m 51.5s
Depth = 44 Kms,
MB = 5.7, MS = 5.1 (CGS)
Mag. = 5 1/4 (PAL)

SHL iP 02 49 50 DNW

GHA iP 02 49 59 D

DDI iP 20 50 06.6 D

 WEI iP 02 50 15.6 DNW 83.4
i 50 27.6
eS 03 00 27

P00 eP 02 51 05

 20 SHL ePg 03 50 24 1.2
eSg 50 39

 20 EPC: 38.6N, 141.8E
(NEAR EAST COAST OF HONSHU
JAPAN
-H = 06h 41m 06.2s
Dept = 86 Kms,
Mag. = 5.4 (CGS)
FELT ON NORTHEASTERN HONSHU

SHL iP 06 49 05 C

CHA iP 06 49 31

DDI eP 06 50 11.1

NDI eP 06 50 20

P00 eP 06 51 17

KOD eP 06 51 31.5 C

20 BOK iP 08 43 13

20 BOK iP 09 36 46

20 NDI iP 15 09 06.6 CNE

 20 EPC: 40.8N, 142.1E
Near East Coast of Honshu,
JAPAN
-H = 15h 37m 50.2s
Depth = 67 Kms;
Mag = 5.4 (CGS)
FELT ON HOKKAIDO

SHL iP 15 45 53 C

CHA iP 15 46 18 C

DDI iP 15 46 55.6 C

 NDI iP 15 47 05.5
i 47 08.5

20 P00 eP 15 48 04.0 C

JUNE, 1969

- 18 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
-----					-----				
20	SHL	iP	17 23 20			DDI	eP	06 55 38.4	
							i	58 41.4	
	TOC	ePg iSg	17 23 57.5 24 09.5	0.92		NDI	eP eS	06 56 02 58 43	14.4
	CHA	eP iPP Pg LQ S	17 24 13.7 24 24.4 24 45.3 25 15.0 25 27.0	6.3		P00	eP	07 00 20	
	MDI	e	17 26 18		21	EPC: 13.3N, 122.8E Luzon, Philippine Islands Depth = 23 Kms Depth = 23 Kms. -H = 07h 47m 24.4s MB = 5.2, MS = 5.4 (CGS) Felt at Legaspi City and VIRAC			
20	NDI	eP	17 29 01			DDI	eP	07 55 34.9	
20	NDI	eP	18 01 07			BOK	i	07 55 59	
20	NDI	eP	22 20 48			P00	eP	07 56 03	
21	NDI	e	02 31 32		21	BOK	iP	08 41 01	
21	KOD	iP	04 16 08.7	DE	21	SHL	iP	10 41 18	C
21	EPC: 5.0N, 127.8E Philippine Islands Region -H = 04h 22m 20.8s Depth = 77 Kms Mag. = 4.9 (CGS)					21	EPC: 5.5S, 109.6E JAVA SEA -H = 15h 12m 10.0s Depth = 561 Kms. Mag. = 5.6 (CGS)		
	SHL	iP	04 29 49	C		MDR	e	15 18 15	
	DDI	eP	04 31 33.5			SHL	iP	15 18 20	D
21	EPC: 11.3N, 125.3E Samar Philippine Islands -H = 06h 36m 43.1s Depth = 73 Kms, Mag. = 5.3 (CGS) Felt at Tacloban City, Borongon and Catbalogan					KOD	iP i	15 18 23.0 20 38.0	DE
	SHL	iP	06 43 27	CW		BOK	iP i	15 18 36 23 43	DSE
	CHA	iP	06 44 05			CHA	iP i	15 18 58 20 30	
	NDI	eP	06 45 15	CW		P00	iP	15 19 18.0	D
21	SHL	iP	06 53 00	DW		BOM	iP iS	15 19 25 25 11	DE 43.4
	TOC	ePn iSn	06 53 02.4 53 21.4	1.36		NDI	eP e	15 19 44.0 25 43	DE
	CHA	iP S	06 53 58.4 55 12.4	C 6.4 M=5		DDI	eP	15 19 48.3	
					21	NDI	e	16 12 02	

JUNE, 1969

- 19 -



From the ISC collection scanned by SISMOS

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
-----					-----				
21	EPC: 27.4N, 57.5E Southern Iran -H = 16h 35m 08.3s Depth = 65 Kms, Mag. 5.3(CGS)				22	NDI	iPn	01 34 08.2	2.8
	BOM	iP	16 38 56	DNW			P*	34 11.2	
	NDI	eP	16 39 07	17.3			i	34 13.2	
		eS	42 13				Pg	34 15.7	
	POO	e	16 39 09				Sn	34 41.2	
	DDI	iP	16 39 16.0	18.1			S*	34 45.2	
		i	42 31.2				Sg	34 51.0	
	KOD	eP	16 40 31			BHK	iPn	01 34 10.0	2.9
	BOK	eP	16 40 37				iSn	34 45.0	
	CHA	iP	16 40 41			CHA	iP	01 35 20.1 C	7.8
	MDR	eP	16 40 48				eS	36 45.6 M=5 ³	
21	BOK	eP	16 45 35				BOK	eP	01 35 36
21	CHA	eP	16 45 41					i	37 10
								i	38 03
							SHL	eP	01 36 14
							POO	eP	01 36 26
								eS	38 47
							BOM	eP	01 36 31
								PP	36 41
								eS	38 58
								SS	39 11
							VIS	eP	01 36 35
								ePPP	36 53
								iS	39 05
							SEH	iS	01 36 37
							MDR	eP	01 37 31
								PP	37 45
								PPP	37 52
								iS	40 37
21	CHA	iP	19 32 10.5 C	1.5			KOD	eP	01 38 01.0
		S	32 30.5 M=4						22.0
	SHL	eP	19 32 35		22	CAL	iS	01 38 19.0	
21	SHL	eP	20 25 35				i	39 06.0	
							i	39 22.0	
							i	39 30.0	
22	EPC: 30.6N, 79.4E Tibet-India Border Region -H = 01h 33m 24.1 Depth = 19 Kms, MBI 5.4(CGS) FELT IN CENTRAL & NORTHERN PUNJAB					TRD	e	01 42 31	
							iSS	43 04	
					22	SHL	eP	01 55 08	
22	DDI	iPg	01 33 45.8	1.9	22	EPC: 49.2N, 158.5E Kurile Islands Region -H = 02h 33m 52.8s			
		Sg	33 58.6						

JUNE, 1969

- 20 -

DATE STN PHASE H. MM. S.				△ Deg.	DATE STN PHASE H. M. S.				△ Deg.			
Depth = Normal					PBA	iP	10	57	24			
MB= 5.6, MS= 5.1(CGS)					VIS	eP	10	57	33			
Mag. = 5.6 (BRK)					BOM	iP	10	57	57	85.3		
SHL	iP	02	43	31	CW	SKS	11	08	26			
DDI	iP	02	44	09.8	C	POO	eP	10	57	57		
NDI	eP	02	44	20		MDR	eP	10	57	59		
POO	eP	02	45	20.5		22	KOD	iP	10	58	19.5 C	
BOM	eP	02	45	22	73.1	22	NDI	ePn	13	01	10	
	eS		54	54			eSn		01	43	2.6	
KOD	iP	02	45	42.5	CWS	22	PBA	ePg	14	09	00.0	
22	DDI	iP	06	22	09.9	1.02	iSg		09	12.5	1.0	
	iS		22	25.1		22	POO	eP	18	56	09	
NDI	iPn	06	22	32.0	CSW 2.7	23	DDI	eP	02	01	16.9	
	iSn		23	05.7	M= 3.8	23	NDI	iP	02	01	33.6 DN	
POO	eP	06	27	25			iS		03	15.1	8.9	
22	SHL	eP	06	57	49		23	SHL	iP	02	02	39 D
22	DDI	eP	07	24	45.2	C	23	SHL	iP	06	03	05 C
22	EPC: 51.5N, 179.9W Andrean of Islands, Aleutian Islands Depth= 56 Kms Felt on Amchitka -H = 10h 45m 24.5s MB= 6.1(CGS), Mag= 5½(BRK)					23	EPC: 37.4N, 141.5E Near East Coast of Honshu, JAPAN -H = 05h 57m 06.9s Depth = Normal, MB= 5.0(CGS)					
TOC	eP	10	56	16		DDI	iP	06	06	16.0	C	
SHL	iP	10	56	28	C	NDI	iP	06	06	26.3	CSW	
22	CHA	eP	10	56	46	72.3	POO	eP	06	07	21	
	iS		11	06	01		23	NDI	iPg	06	27	23.1 CE
DDI	iP	10	56	54.5	C	73.6	iSg		27	25.6	0.2	
	iS		11	06	18.3		23	PBA	i	07	28	04
BHK	eP	10	56	56		23	CHA	eP	10	56	46	
BOK	iP	10	56	58	CSW 74.2		iS		11	06	01	
	PCP		57	10			VIS	eP	10	57	33	
	S		06	28			23	EPC: 15.7N, 120.7E(LUZON) Philippine Islands				
NDI	iP	10	57	04	75.4							
	eS		11	06	38							

JUNE, 1969

DATE TIME PLACE L. M. N.



DATE TIME PLACE L. M. N.



		M= 11.8 03m 37.8m Depth= 128 Kms. MB=4.7(333)		
	SHL	IP	11 12 15	D
23	BOK	IP	12 33 45	
23	SHL	oP	13 16 22	
23	BOK	e	13 44 17	
23	SHL	oPg e3g	16 25 56 23 13	1.3
23	PBA	IP	18 25 22	C
23	POC	oPg	22 15 -	
	BOK	e	22 15 10	
23	CHA	IP	23 08 12	C
23	POC	oPg	23 36 00	
24	SHL	eP	00 54 29	
24	EPC: 39.2 N, 143.0 E GWT EAST COAST OF HONSHU JAPAN M= 01m 20m 06.5s Depth=21km Mag* 4.4 (378)			
	SHL	eP	01 28 13	
	NDI	i	01 29 43	
24	EPC: 5.8S, 146.8E. East NW CHUNKA REGION. M= 03m 29m 17.9s Depth= 113 Kms. MB=5.6 (338) FINE			
	SHL	IP	03 39 27	
	DDI	eP	03 40 47.6	
	NDI	IP e3	03 49 47.8 50 13	CH= 75.0 Mb= 5.9
	POC	oP e3	03 49 53 50 24	75.9
24	SHL	oPg e3g	04 20 34 20 47	1.0
24	NDI	IP IS	05 25 46.1 27 27	5.8
	DDI	eP	06 23 51.6	
24	BOK	e	09 58 13	
24	BOK	e	10 13 51	
24	BOK	e(P) (?)	10 20 26	
24	BOK	e	10 39 08	

24	BOK	e()	10 42 46	
24	EPC: 18.3N, 128.0E. GWT EAST COAST OF HONSHU JAPAN M= 13m 5m 07.8s Depth= 48Kms. MB= 5.1(335) MB= 5.1			
	SHL	IP	11 04 30	DE
	BOK	IP	11 05 15	
			03 43	
	KOD	eP	11 06 24.4	
	NDI	eP	11 06 34	
		e	13 32	
	POC	eP	11 06 44	
24	BOK	e	12 32 28	
	DDI	oP ISN	12 32 51 33 23	0(?)MB 2.3
24	KOD	eP	13 41 26.5	
24	SHL	eP	17 23 10	
24	SHL	eP	17 31 36	
24	SHL	IP	17 44 16	01
24	SHL	eP	21 01 13	
24	DDI	eP	23 56 29.5	
25	NDI	eP oP	23 59 42 03 01 16	8.4
25	EPC: 13.5 N, 120.3 E. (NEIDORO SHINTANG REGION) M= 00m 03m 55.3s Depth= 55 Kms. Mag= 5.1 (336)			
	SHL	eP	00 14 53	
	CHA	eP e3	00 15 33 20 57	34.0
	BOK	IP IS	00 15 39 21 33	01 34.3
25	DDI	oP e3	00 16 45.5 23 06	42.3
	DDI	eP e3	00 16 46 23 11	42.4
	BOK	eP e3	00 17 13 23 53	46.0
	POC	eP e3	00 17 13 23 44	
25	SHL	eP	08 25 47	
	EPC: 41.4 N, 79.4 E. GWT SHINTANG REGION. M= 04m 48m 40.6s Depth= 35 Kms.			

JUNE, 1968

DATE STN TIME L. N. S.				△	DATE STN TIME L. N. S.				△
				Mag.					Mag.
Cont Mag= 4.5 (003)					DDI	eP	07 21 00.0		
DDI	eP	06 45 20.3	11.2	26	BCK	iP	07 46 53		
	cs	47 10.1		25	NDI	iP	08 15 24.9 D		
NDI	eP	04 46 43	12.8	25	BCK	iP	10 48 23		
	cs	47 53		25	BCK	iP	11 37 36		
SHL	iP	04 47 01 D		25	NDI	i	13 23 12.5		
BCK	eP	06 48 18				i	23 12.0		
EPC: 4.5 N, 93.7 E. NORTHWEST SUMATRA I= 07h 24m 49.4s Depth= Normal MB= 5.3, MS= 5.2 (003)					DDI	oP	13 23 15.9		
PBA	iP	07 23 52 D		26	CHA	iP	01 14 32 C		
	i	23 55		26	NDI	eP	02 50 44		
NDR	iP	07 28 04 D	13.1	26	NDI	iP	03 16 44.8 DMW		
	pp	28 13		25	SHL	oPg	06 15 09	1.2	
	ppp	28 25				csG	15 26		
	S	32 20		26	GAL	i	06 30 28		
	SS	32 42		25	SHL	oP	07 04 54		
VIS	iP	07 29 05 DJE	13.2		PCC	e	07 35 33		
	iPP	29 22		EPC: 3.5 N, 133.0 E. NORTH CAROLINE ISLANDS I= 07h 50m 46.1s Depth= 28 Km. Mag= 4.9 (003)					
	iPPF	29 29		SHL	iP	07 58 57 CV			
	cs	32 22		DDI	iP	08 00 33.0 C			
KOD	iP	07 28 21.0	13.3	25	NDI	oPn	09 03 55	2.0	
	i	32 43.5				csn	09 21		
	is	33 00.0		25	NDI	oPg	10 44 11.3	0.23	
TRD	eP	07 29 23				csG	44 14.2		
25	GAL	eP	07 29 26	20.0	26	PCC	ePg	11 15 13	
	cs	33 07		EPC: 10.6 N, 122.6 E. PHILIP PHILIPPINE ISLANDS I= 11h 31m 42.3s Depth= 42 Km. Mag= 4.5 (003)					
SHL	iP	07 29 26 S	20.6	26	SHL	oP	11 38 13		
	is	33 30		23	PCC	e	11 39 43		
BCK	oP	07 29 40	21.3	26	NDI	ePg	11 55 50.0	3.23	
	cs	33 43				csG	53 03.3		
CHA	iP	07 30 10	24.4	26	CHA	iP	15 42 24.0 D	2.42	
	cs	34 29				cs	42 52.4		
	isss	35 29		EPC: 12.6 N, 131.0 E. RUSSIA-E. I. CHITA MOUNTAIN RANGE I= 15m 46m 31.7s Depth= 435 Kms. Mag= 4.5 (003)					
PCC	oP	07 30 24							
	e	35 00							
BCK	oP	07 30 33	23.0						
	PP	31 16							
	ppp	31 31							
	cs	35 11							
	i	35 30							
	SSS	33 46							
NDI	eP	07 31 01	23.9						
	cs	35 57							

JUNE, 1968

- 23 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
	SHL	iP	15	52	53	DNE			eSg	37	38			
	CHA	iP	15	53	16	D		27	P00	iPg	20	05	30.6	1.2
	NDI	iP	15	54	04.3	DNE			eSg	05	46	Felt Locly		
	P00	eP	15	55	06			BOM	iPn	20	05	40	C	1.8
26	SHL	iP	21	44	15	C			eSn	06	04	Felt locally		
26	SHL	ePg	22	06	37	1.3		GOA	ePn	20	05	42.1		
		eSg	06	55					e	06	24.5			
26	SHL	ePg	22	46	19	0.8		BOM	ePn	20	05	55	1.9	
		eSg	46	30					eSn	06	20			
26	SHL	eP	23	01	28			KOD	eP	20	07	05.5	N	
27	DDI	eP	00	27	04.3				i	07	23.5	DM		
									i	08	50.0	CS		
27	P00	e	02	03	50			NDI	eP	20	07	16	11.3	
	EPC: 42.4 N, 142.9 E.								eS	09	23	M=	5.8	
	HOKKAIDO, JAPAN REGION								iSg	11	30			
	H= 02h 15m 46.3s Depth=32 Km							MDR	eP	20	08	15	4.1	
	Mag _p = 4.9, MS= 4.7 (CGS)								eS	09	04			
	FELT AT NORTHERN, JAPAN								Sg	09	22			
	SHL	iP	02	24	00	C		SEH	i(?)	20	08	36		
	CHA	iP	02	24	23				i(?)	08	50			
	DDI	iP	02	24	58.2	C			i(?)	08	55			
	P00	eP	02	26	07.8			DDI	eP	20	08	36.8	15.6	
	KOD	iP	02	26	26.3	C			eS	11	30.8			
	EPC: 6.4 S, 130.1 E. BANDA							CHA	iP	20	09	06	D	26.0
	SEA H= 02h 47m 46.3s								eS	13	35	M= 6 $\frac{1}{4}$		
	Depth= 113Km MB=5.3(CGS)							SHL	eP	20	09	42		
	SHL	iP	02	56	22	CE		TRD	e	20	09	55		
	P00	eP	02	57	43			BOK	eP	20	10	58	5.7	
	DDI	iP	02	57	55.0	C			LQ	11	57			
									S	12	05			
27	BOM	ePg	06	08	30	0.1			LR&SS	12	17			
		eSg	08	31				CAL	i	20	12	47		
27	SHL	iP	07	53	50	CW		27	SHL	eP	22	47	44	
	EPC: 4.4 N, 126.7 E.													
	TALAUD ISLANDS H= 07h 54m								EPC: 12.8 N, 89.2 W. OFF					
	41.1s Depth= Normal.								COAST OF CENTRAL AMERICA					
	MB= 5.2 (CGS)								H= 04h 34m 42.6s Depth= 69Km.					
	SHL	iP	08	02	10	DE			MB= 5.2 (CGS) FELT AT SAZVADOR					
	P00	eP	08	03	50				EL SALVADOR Mag= 5-5 $\frac{1}{4}$ (BRK)					
	DDI	eP	08	03	52.6				NDI	ePKP	04	54	03	
27	BOK	iP	09	28	47				P00	ePKP	04	54	12	
27	SHL	eP	17	02	05			28	NDI	eP	07	20	43.2	8.8
27	SHL	ePg	17	37	25	1.0			eS	22	24			

JUNE 1969

- 26 -

STATION: BOKARO				DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
01	00			12	18	3	0.3	4.9
	06	3	0.2	13	00	3	0.3	4.6
	12	3	0.2		06	3	0.3	4.8
	18	3	0.2		12	3	0.3	4.6
02	00	3	0.2		18	3	0.3	4.5
	06	3	0.2	14	00	3	0.2	4.4
	12	3	0.2		06	3	0.1	4.2
	18	3	0.2		12	3	0.1	4.0
03	00	3	0.2		18	3	0.2	4.2
	06	3	0.2	15	00	3	0.1	3.9
	12	3	0.3		06	3	0.2	4.3
	18	3	0.3		12	3	0.1	4.2
04	00	3	0.3		18	3	0.1	4.1
	06	3	0.2	16	00	3	0.1	4.0
	12	3	0.2		06	3	0.1	4.8
	18	3	0.3		12	3	0.1	4.2
05	00	3	0.2		18	3	0.2	3.9
	06	3	0.3	17	00	3	0.2	3.0
	12	3	0.3		06	3	0.2	3.1
	18	3	0.3		12	3	0.2	3.0
06	00	3	0.3		18	3	0.2	3.1
	06	3	0.3	18	00	3	0.1	3.4
	12	3	0.3		06	3	0.2	2.7
	18	3	0.3		12	3	0.3	3.7
07	00	3	0.3		18	3	0.3	3.2
	06	3	0.3	19	00	3	0.3	3.8
	12	3	0.3		06	3	-	-
	18	3	0.3		12	3	0.3	3.9
08	00	3	0.3		18	3	0.3	4.0
	06	3	0.3	20	00	3	0.3	4.4
	12	3	0.3		06	3	0.3	4.2
	18	3	0.3		12	3	0.3	4.0
09	00	3	0.3		18	3	0.3	4.0
	06	3	0.3	21	00	3	0.3	4.3
	12	3	0.3		06	3	0.3	4.0
	18	3	0.3		12	3	0.3	3.9
10	00	3	0.3		18	3	0.3	4.3
	06	3	0.4	22	00	3	0.3	4.2
	12	3	0.3		06	3	0.3	4.4
	18	3	0.3		12	3	0.3	4.2
11	00	3	0.3		18	3	0.3	2.7
	06	3	0.3	23	00	3	0.3	5.0
	12	3	0.3		06	...	-	-
	18	3	0.3		12	...	-	-
12	00	3	0.3		18	...	-	-
	06	3	0.3	24	00	...	-	-
	12	3	0.3		06	3	0.3	4.4

JUNE, 1969

- 27 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station: BOKARO					03	12	3	0.9	4.3
24	12	3	0.3	5.0				0.5	2.8
	18	3	0.3	5.0		18	3	0.3	2.0
25	00	3	0.3	5.0				0.9	4.2
	06	3	0.3	4.4				0.5	3.0
	12	3	0.2	4.0				0.3	2.0
	18	3	0.1	4.6	04	00	3	0.9	4.3
26	00	3	0.2	4.3		06	3	0.5	3.0
	06	3	0.3	4.7				1.2	4.0
	12	3	0.3	5.0		12	3	0.4	2.1
	18	3	0.3	4.6				1.3	4.1
27	00	3	0.3	4.5		18	3	0.4	2.5
	06	3	0.3	4.4				1.3	4.2
	12	3	0.3	4.6				0.5	2.6
	18	3	0.3	4.6	05	00	3	1.4	4.0
28	00	3	0.2	4.4				0.9	3.0
	06	3	0.2	4.0		06	3	0.3	2.0
	12	3	0.3	4.1				1.5	3.8
	18	3	0.3	4.1		12	3	0.8	2.7
29	00	3	0.3	4.3				1.4	3.9
	06	3	0.3	4.6				0.8	2.6
	12	3	0.3	4.6		18	3	0.4	1.9
	18	...	-	-				1.9	3.9
30	00	3	0.3	4.9				0.9	3.0
	06	3	0.3	4.5	06	00	3	1.9	3.9
	12	3	0.3	4.7				1.5	2.9
	18	3	0.3	4.5		06	3	0.7	1.9
STATION: BOMBAY								1.7	3.7
01	00	3	1.0	4.7				1.5	3.0
			0.5	3.0		12	3	1.0	2.3
	06	3	0.9	4.5				2.2	3.9
			0.3	2.9				1.7	2.9
	12	3	0.9	4.4		18	3	1.1	2.4
			0.4	2.9				1.9	3.8
	18	3	0.9	4.4				1.7	2.9
			0.2	1.7	07	00	3	1.0	2.2
02	00	3	0.7	4.5				2.1	3.6
			0.3	2.8				1.5	2.9
	06	3	0.8	4.4		06	3	1.0	2.2
			0.3	1.9				1.9	3.8
	12	3	0.8	4.4				1.5	2.9
			0.3	2.8		12	3	0.4	2.2
	18	3	0.8	4.2				1.8	3.9
			0.4	2.8		18	3	1.0	2.5
03	00	3	0.8	4.3				1.6	4.0
			0.4	2.8				0.9	2.9
	06	3	0.8	4.4	08	00	3	1.1	4.0
			0.4	3.0				0.9	2.8
								0.4	1.9
						06	3	1.2	4.0
								0.5	2.0

JUNE, 1969

- 28 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : BOMBAY

STATION ; BOMBAY

12	3	1.4	4.0	12	3	1.4	4.2
		1.0	2.8			0.3	2.0
		0.4	2.0	18	3	1.3	4.1
18	3	1.4	4.0			0.7	3.1
		0.5	2.2			0.3	2.0
09	00	1.4	4.2	13	00	0.9	4.1
		0.7	2.9			0.7	2.9
		0.3	2.0	06	3	1.3	4.1
06	3	1.3	4.0			0.6	3.0
		1.0	2.6			0.3	2.0
		0.4	2.0	12	3	1.2	4.0
12	3	1.3	4.4			0.9	3.1
		0.8	2.8	18	3	1.1	4.2
		0.2	1.8			0.7	3.0
18	3	1.1	4.1			0.3	2.0
		0.7	3.0				
		0.3	2.0	14	00	0.9	4.0
10	00	1.0	4.3			0.6	3.0
		0.7	2.9			0.4	2.0
		0.3	2.0	06	3	0.9	3.9
06	3	1.1	4.1			0.7	3.0
		0.7	2.9			0.5	2.0
		0.3	2.0	12	3	0.9	4.0
12	3	1.1	4.1			0.6	3.0
		0.5	3.2			0.4	2.0
		0.3	2.0	18	3	0.9	4.0
18	3	1.1	4.0			0.4	1.9
		0.5	3.0				
		0.3	1.9	15	00	0.8	4.0
11	00	1.2	4.0			0.5	3.0
		0.7	3.0			0.2	1.8
		0.3	2.0	06	3	0.9	4.0
06	3	1.1	4.2			0.5	3.0
		0.5	3.0			0.2	1.8
		0.3	2.0	12	3	0.7	3.8
12	3	1.3	4.0			0.5	3.0
		0.6	3.0			0.3	2.0
		0.2	1.8	18	3	0.7	3.9
18	3	1.3	4.1			0.4	2.1
		0.8	3.0				
		0.3	2.0	16	00	0.7	4.0
12	00	1.3	4.2			0.4	3.1
		0.5	3.2			0.3	2.0
		0.3	2.0	06	3	0.8	3.9
06	3	1.3	4.2			0.5	3.0
		0.9	3.1	12	3	0.9	3.9
		0.5	2.0			0.5	3.0
				18	3	0.7	3.9
						0.5	3.0
						0.3	2.0

JUNE, 1969

- 29 -

DATE	HOUR	K	MEAN Amplitude in mm	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION: BOMBAY					STATION: BOMBAY				
17	00	3	0.7	3.9	06	3	1.9	3.1	
			0.5	3.1			1.3	2.9	
			0.3	2.0			0.7	2.0	
	06	3	1.8	3.9	12	3	1.9	4.0	
			0.5	2.8			1.3	3.0	
			0.3	1.9			0.7	2.0	
	12	3	0.9	3.9	18	3	1.9	4.0	
			0.5	2.9			1.3	2.9	
	18	3	0.9	4.0			0.6	2.0	
			0.5	2.0					
18	00	3	0.9	4.0	22	00	1.9	4.0	
			0.5	2.9			1.2	3.0	
			0.4	2.0			0.5	2.0	
	06	3	0.9	4.0	06	3	1.9	4.2	
			0.7	3.0			0.9	3.0	
			0.4	2.0			0.3	2.0	
	12	3	1.1	4.0	12	3	1.8	4.2	
			0.7	3.0			0.9	3.1	
			0.3	2.0			0.4	2.0	
	18	3	1.1	4.0	18	3	1.9	4.2	
			0.6	3.0			0.9	3.1	
			0.3	2.0			0.5	2.1	
19	00	3	1.0	4.0	23	00	1.9	4.1	
			0.5	3.0			0.9	3.1	
			0.3	1.8			0.4	2.0	
	06	3	1.1	4.0	06	3	1.9	4.1	
			0.7	3.0			1.2	3.0	
			0.5	2.1			0.5	2.0	
	12	3	1.4	4.0	12	3	1.9	4.2	
			0.7	3.0			1.1	2.9	
			0.5	2.0			0.5	2.0	
	18	3	1.4	4.0	18	3	1.9	4.2	
			0.9	3.0			1.1	3.1	
			0.5	2.0			0.5	2.0	
20	00	3	1.7	4.0	24	00	1.5	4.1	
			0.9	3.0			1.0	3.2	
			0.6	2.0			0.5	2.0	
	06	3	1.6	3.9	06	3	1.6	3.9	
			1.1	3.0			0.9	3.0	
			0.7	2.0			0.4	2.0	
	12	3	1.9	4.0	12		Loss of record		
			0.9	3.0	18	3	1.5	4.0	
			0.7	2.0			0.9	3.1	
	18	3	1.7	3.8			0.3	2.1	
			1.1	3.0	25	00	1.3	4.2	
			0.9	2.0			0.9	3.1	
							0.3	2.0	
21	00	3	1.8	4.0	06	3	1.5	4.1	
			1.3	3.0			0.3	2.0	
			0.8	2.0					

JUNE, 1969

- 30 -

DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOMBAY				STATION : BOMBAY			
12	3	1.4	4.1	30	00	3	1.5
		0.8	3.0				0.9
		0.3	2.0				0.4
18	3	1.4	4.1	06		Loss of record	
		0.8	3.0	12	3	1.5	4.1
		0.2	2.0			0.3	2.0
26	00	3	4.1	18	3	1.7	4.0
		1.2	3.0			1.0	3.0
		0.8	2.0			0.3	2.0
		0.2	2.0	STATION : CALCUTTA			
06	3	1.1	4.0	01	00	3	0.5
		0.5	3.0		06	3	0.4
		0.2	1.8		12	1	1.2
12	3	1.1	4.1		18	3	0.4
		0.5	3.0	02	00	3	0.5
		0.3	2.0		06	3	0.4
18	3	1.1	4.0		12	3	0.4
		0.7	3.0		18	3	0.5
		0.3	2.0	03	00	3	0.4
27	00	3	4.1		06	3	0.4
		0.9	3.1		12	3	0.5
		0.7	2.0		18	3	0.6
		0.3	2.0	04	00	3	0.5
06	3	1.3	4.0		06	3	0.6
		0.8	3.0		12	3	0.5
		0.2	2.0		18	3	0.7
12	3	1.1	4.0	05	00	3	0.8
		0.4	2.0		06	3	0.9
18	3	1.1	3.9		12	3	1.1
		0.9	3.0		18	3	0.9
		0.5	2.0	06	00	3	1.0
28	00	3	3.9		06	3	1.2
		1.1	3.0		12	3	1.1
		0.9	2.0		18	3	0.9
		0.4	2.0	07	00	3	0.8
06	3	1.2	4.0		06	3	0.7
		0.7	3.0		12	3	0.7
12	3	1.1	4.0		18	3	0.9
		0.7	3.0	08	00	3	0.8
18	3	1.1	4.0		06	3	0.7
		0.7	3.0		12	3	0.8
					18	3	0.7
29	00	Loss of record					
	06	3	3.9				
		1.4	2.9				
		0.9	2.0				
		0.3	2.0				
12	3	1.3	4.0				
		0.9	3.0				
		0.3	2.0				
18	Shock in progress						

JUNE, 1969

- 31 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : CALCUTTA

09	00	3	0.6	3.9
	06	3	0.7	4.0
	12	3	1.1	3.8
	18	1	1.8	3.9
10	00	1	1.4	3.9
	06	1	2.8	3.8
	12	3	0.9	4.0
	18	3	0.6	4.0
11	00	3	0.5	3.9
	06	3	0.6	4.0
	12	3	0.5	4.0
	18	3	0.6	4.0
12	00	3	0.7	4.0
	06	3	0.6	4.0
	12	3	0.5	3.8
	18	3	0.5	4.0
13	00	3	0.4	3.8
	06	3	0.4	3.8
	12	3	0.5	3.8
	18	3	0.5	4.0
14	00	...	-	-
	06	3	0.4	3.8
	12	3	0.4	4.0
	18	3	0.4	3.8
15	00	3	0.4	3.9
	06	3	0.4	4.0
	12	3	0.4	4.0
	18	3	0.4	4.0
16	00	3	0.4	4.0
	06	3	0.5	4.0
	12	3	0.5	3.9
	18	3	0.4	3.8
17	00	3	0.5	3.9
	06	3	0.5	3.8
	12	3	0.6	4.0
	18	3	0.6	3.9
18	00	3	0.5	4.0
	06	3	0.5	4.0
	12	3	0.5	4.1
	18	3	0.6	4.0

STATION : CALCUTTA

19	00	3	0.7	4.0
	06	3	1.3	3.9
	12	3	2.2	4.0
	18	3	2.1	4.0
20	00	3	2.0	4.1
	06	3	2.1	4.0
	12	3	2.0	4.0
	18	3	1.9	4.0
21	00	3	2.0	4.0
	06	3	1.6	3.9
	12	3	1.8	4.0
	18	3	1.6	4.0
22	00	3	1.5	4.1
	06	3	1.2	4.0
	12	3	1.2	4.0
	18	3	0.9	4.0
23	00	3	0.8	4.0
	06	3	0.7	3.9
	12	3	0.8	4.0
	18	3	0.6	3.9
24	00	3	0.5	4.0
	06	3	0.5	4.0
	12	3	0.6	4.0
	18	3	0.4	3.8
25	00	3	0.4	4.0
	06	3	0.3	3.8
	12	3	0.4	4.0
	18	3	0.4	3.8
26	00	3	0.3	3.9
	06	3	0.3	3.8
	12	3	0.4	4.0
	18	3	0.4	4.0
27	00	3	0.4	4.0
	06	3	0.3	4.0
	12	3	0.3	3.9
	18	3	0.3	3.9
28	00	3	0.3	3.8
	06	3	0.4	3.9
	12	3	0.5	4.0
	18	...	-	-

JUNE, 1969

- 32 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : CALCUTTA					STATION : GOA				
29	00	3	0.5	3.9	09	00	3	0.9	4.2
	06	3	0.5	4.0		06	3	0.8	4.4
	12	3	0.4	3.9		12	3	0.8	4.6
	18	...	-	-		18	3	0.8	4.6
30	00	...	-	-	10	00	3	0.8	4.4
	06	3	0.6	4.0		06	3	1.0	4.4
	12	3	0.7	4.0		12	3	0.8	4.8
	18	3	0.6	4.0		18	3	0.9	4.2
STATION : GOA					11	00	3	0.9	4.4
01	00	3	0.8	4.9		06	3	0.9	4.2
	06	3	0.7	4.2		12	3	0.9	4.6
	12	3	0.7	4.4		18	3	0.9	4.6
	18	3	0.7	4.4	12	00	3	0.7	4.6
02	00	3	0.8	4.6		06	3	1.1	4.6
	06	3	0.6	3.6		12	3	1.0	4.8
	12	3	0.7	3.8		18	3	0.9	4.8
	18	3	0.6	3.6	13	00	3	0.9	4.4
03	00	3	0.8	3.8		06	3	0.8	4.4
	06	3	0.7	4.0		12	3	0.9	4.4
	12	3	0.8	4.2		18	3	0.8	4.2
	18	3	0.9	4.8	14	00	3	0.9	4.4
04	00	3	0.8	4.6		06	3	0.7	4.0
	06	3	0.8	5.0		12	3	0.6	3.8
	12	3	1.0	4.6		18	3	0.7	4.2
	18	3	1.0	4.8	15	00	3	0.7	4.2
05	00	3	1.0	4.2		06	3	0.7	4.4
	06	3	1.1	4.6		12	3	0.7	4.4
	12	...	-	-		18	3	0.7	4.2
	18	...	-	-	16	00	3	0.7	4.4
06	00	3	1.1	5.4		06	3	0.6	4.0
	06	3	0.8	4.0		12	3	0.6	4.2
	12	...	-	-		18	3	0.7	4.4
	18	...	-	-	17	00	3	0.7	4.4
07	00	...	-	-		06	3	0.6	4.0
	06	3	1.0	4.0		12	3	0.5	4.0
	12	...	-	-		18	3	0.6	3.9
	18	...	-	-	18	00	3	0.6	3.6
08	00	...	-	-		06	3	0.6	3.8
	06	...	-	-		12	3	0.6	4.4
	12	...	-	-		18	3	0.7	4.2
	18	3	0.9	4.4					

JUNE, 1969

- 33 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : GOA

19	00	3	0.6	4.0
	06	3	0.7	4.0
	12	3	0.7	4.4
	18	3	0.7	4.4

20	00	3	0.9	4.2
	06	3	0.9	4.4
	12	3	1.3	4.6
	18	3	0.7	4.6

21	00	3	1.0	4.6
	06	3	1.1	4.4
	12	3	1.3	4.6
	18	3	1.1	4.6

22	00	3	1.2	4.4
	06	3	1.2	4.6
	12	3	1.4	4.6
	18	3	1.3	5.0

23	00	3	1.2	4.4
	06	3	1.2	4.6
	12	3	1.2	4.4
	18	3	1.3	5.0

24	00	3	1.3	5.0
	06	3	1.4	5.0
	12	3	1.5	5.0
	18	3	1.4	5.2

25	00	3	1.4	5.0
	06	...	-	-
	12	3	1.2	4.8
	18	3	1.2	4.8

26	00	3	1.2	4.8
	06	3	1.1	4.8
	12	3	1.2	5.0
	18	3	1.1	4.6

27	00	3	1.1	4.2
	06	3	1.0	5.0
	12	3	1.1	4.4
	18	3	1.2	4.2

28	00	3	1.1	4.2
	06	3	1.3	4.4
	12	...	-	-
	18	3	1.3	4.6

29	00	3	1.2	4.4
	06	3	1.3	4.6

STATION : GOA

12	3	1.5	4.4	
18	...	-	-	
30	00	3	1.3	4.6
	06	3	1.4	4.6
	12	3	1.4	4.8
	18	3	1.4	4.8

STATION : MADRAS

01	00	1	0.8	4.9
		2	0.5	3.0
	03	1	0.7	4.7
		2	0.6	3.3
	06	1	0.7	4.7
		2	0.6	3.4
	12	1	0.7	4.5
		2	0.6	3.3
	18	1	0.7	4.8
		2	0.6	3.5

02	00	1	0.7	4.5
		2	0.6	3.3
	03	1	0.8	4.4
		2	0.6	3.3
	06	1	0.8	4.6
		2	0.6	3.3
	12	1	0.8	4.4
		2	0.6	3.3
	18	1	0.8	4.5
		2	0.6	3.5

03	00	1	0.7	4.5
		2	0.6	3.5
	03	1	0.6	4.4
		2	0.7	3.1
	06	1	0.7	4.3
		2	0.6	3.1
	12	1	0.9	4.6
		2	0.6	3.3
	18	1	0.8	4.8
		2	0.6	3.3

04	00	1	0.8	4.8
		2	0.6	3.4
	03	1	1.0	4.8
		2	0.6	3.0
	06	1	1.0	4.8
		2	0.6	3.0
	12	1	1.0	4.6
		2	0.7	3.3
	18	1	1.0	4.9
		2	0.6	3.1

JUNE, 1969

34

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
05	00	1	1.0	4.8	10	00	1	0.6	4.5
		2	0.7	3.1			2	0.6	3.1
	03	1	1.0	4.7		03	1	0.8	4.5
		2	0.6	3.5			2	0.5	3.5
	06	1	1.0	4.8		06	1	0.8	4.7
		2	0.6	3.3			2	0.5	3.3
	12	1	1.1	4.7		12	1	0.8	4.6
		2	0.6	3.1			2	0.5	3.3
	18	1	1.1	4.7		18	1	0.8	4.7
		2	0.6	3.1			2	0.5	3.4
06	00	1	1.0	4.8	11	00	1	0.8	4.8
		2	0.6	3.3			2	0.5	3.4
	03	1	1.2	4.7		03	1	0.7	4.6
		2	0.6	3.3			2	0.5	3.2
	06	1	1.1	4.7		06	1	0.7	4.5
		2	0.6	3.3			2	0.5	3.4
	12	1	1.1	4.6		12	1	0.8	4.7
		2	0.6	3.3			2	0.5	3.3
	18	1	1.2	4.7		18	1	0.8	4.8
		2	0.6	3.3			2	0.5	3.3
07	00	1	1.3	4.7	12	00	1	0.6	4.8
		2	0.6	3.3			2	0.5	3.3
	03	1	1.2	4.8		03	1	0.8	4.8
		2	0.7	3.5			2	0.5	3.3
	06	1	1.2	4.7		06	1	0.8	4.8
		2	0.6	3.4			2	0.5	3.2
	12	1	1.1	4.7		12	1	0.8	4.8
		2	0.6	3.5			2	0.5	3.2
	18	1	1.0	4.8		18	1	0.8	4.8
		2	0.6	3.5			2	0.6	3.3
08	00	1	1.0	4.8	13	00	1	0.8	4.7
	0	2	0.6	3.4			2	0.6	3.3
	03	1	1.1	4.5		03	1	0.8	4.8
		2	0.6	3.5			2	0.6	3.3
	06	1	1.0	4.6		06	1	0.8	4.7
		2	0.6	3.5			2	0.5	3.3
	12	1	1.1	4.8		12	1	0.8	4.8
		2	0.6	3.5			2	0.5	3.2
	18	1	1.0	4.8		18	1	0.8	4.7
		2	0.6	3.5			2	0.5	3.3
09	00	1	0.8	4.8	14	00	1	0.6	4.8
		2	0.6	3.3			2	0.6	3.3
	03	1	0.8	4.8		03	1	0.6	4.7
		2	0.6	3.3			2	0.5	3.1
	06	1	1.0	4.8		06	1	0.7	4.8
		2	0.6	3.3			2	0.6	3.3
	12	1	0.8	4.5		12	1	0.8	4.8
		2	0.5	3.5			2	0.6	3.3
	18	1	0.8	4.5		18	1	0.8	4.8
		2	0.5	3.5			2	0.6	3.3

JUNE, 1969

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

STATION : MADRAS

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
15	00	1	0.8	4.7
		2	0.6	3.2
	03	1	0.7	4.7
		2	0.6	3.4
	06	1	0.7	4.7
		2	0.6	3.3
	12	1	0.8	4.7
		2	0.6	3.3
	18	1	0.8	4.8
		2	0.7	3.3
16	00	1	0.7	4.7
		2	0.7	3.3
	03	2	0.7	3.3
	06	2	0.7	3.4
	12	2	0.6	3.1
	18	2	0.7	3.0
17	00	2	0.7	3.1
	03	2	1.0	3.0
	06	2	1.0	3.1
	12	2	1.0	3.0
	18	2	1.0	3.1
18	00	2	1.0	3.1
	03	2	0.9	3.0
	06	2	0.9	3.0
	12	2	0.9	3.0
	18	2	0.8	3.0
19	00	2	0.7	3.0
	03	2	0.7	3.2
	06	2	0.8	3.2
	12	1	1.0	4.5
		2	0.7	3.3
	18	1	1.0	4.6
		2	0.7	3.2
20	00	1	1.0	4.7
		2	0.7	3.2
	03	1	1.0	4.6
		2	0.7	3.2
	06	1	1.0	4.7
		2	0.6	3.2
	12	1	0.9	4.7
		2	0.7	3.2
	18	1	1.0	4.8
		2	0.8	3.0
21	00	1	1.0	4.7
		2	0.7	3.0
	03	1	1.2	4.8
		2	0.7	3.1

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

STATION : MADRAS

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
	06	1	1.1	4.6
		2	0.7	3.2
	12	1	1.0	4.7
		2	0.7	3.3
	18	1	1.0	4.6
		2	0.7	3.1
22	00	1	1.0	4.7
		2	0.7	3.0
	03	1	1.1	4.8
		2	0.7	3.1
	06	1	1.0	4.8
		2	0.7	3.2
	12	1	1.0	4.8
		2	0.7	3.0
	18	1	1.1	4.8
		2	0.7	3.1
23	00	1	1.2	4.8
		2	0.7	3.1
	03	1	1.3	4.7
		2	0.7	3.1
	06	1	1.3	5.0
		2	0.8	3.1
	12	1	1.3	4.9
		2	0.7	3.1
	18	1	1.4	4.9
		2	0.7	3.4
24	00	1	1.3	5.2
	03	1	1.4	5.3
		2	0.7	3.1
	06	1	1.4	5.4
		2	0.7	3.3
	12	1	1.5	5.5
	18	1	1.4	5.4
25	00	1	1.3	5.1
		2	0.6	3.5
	03	1	1.2	5.0
		2	0.7	3.0
	06	1	1.3	5.1
	12	1	1.2	5.0
		2	0.7	3.3
	18	1	1.1	5.1
		2	0.7	3.0
26	00	1	1.0	5.0
		2	0.7	3.2
	03	...	No record	
	06	1	1.1	5.0
		2	0.6	3.0
	12	1	1.2	5.0
		2	0.7	3.0

JUNE, 1969

- 36 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : MADRAS					02	06	3	1.6	3.0
	18	1	1.0	4.8		12	3	1.6	3.0
		2	0.7	3.0		18	3	1.6	3.0
27	00	1	1.0	4.8	03	00	3	2.0	3.0
		2	0.7	3.0		06	3	2.0	3.0
	03	2	1.1	4.7				1.2	7.0
		2	0.7	3.1		12	3	2.0	3.0
	06	2	1.0	4.8		18	3	2.0	3.0
		2	0.7	3.3				1.6	7.0
	12	2	1.0	4.7	04	00	3	1.6	3.0
		2	0.6	3.1				2.0	7.0
	18	2	1.0	4.7		06	3	2.0	3.0
		2	0.7	3.1				2.8	7.0
28	00	2	1.0	4.6		12	3	2.0	3.0
		2	0.6	3.1				3.2	7.0
	03	2	1.0	4.8		18	3	2.0	3.0
		2	0.6	3.0				2.8	7.0
	06	2	1.0	4.8	05	00	3	2.0	3.0
		2	0.7	3.0				2.4	7.0
	12	2	1.0	4.8		06	3	2.0	3.0
		2	0.7	3.2				2.4	7.0
	18	2	1.0	4.7		12	3	2.0	3.0
		2	0.7	3.3				2.4	7.0
29	00	2	1.0	4.8		18	3	2.0	3.0
		2	0.7	3.2				2.0	7.0
	03	2	1.1	4.8	06	00	3	2.0	3.0
		2	0.7	3.1				2.4	7.0
	06	2	1.0	4.8		06	3	2.0	3.0
		2	0.7	3.4				2.0	7.0
	12	2	1.3	4.8		12	3	2.0	3.0
		2	1.1	4.8				2.0	7.0
30	00	2	1.1	4.8		18	3	2.0	3.0
		2	0.7	3.2				2.0	7.0
	03	2	1.3	5.2	07	00	3	2.0	3.0
		2	0.8	3.4				2.0	7.0
	06	2	1.3	5.0		06	3	2.0	3.0
		2	1.5	5.1				2.0	7.0
	12	2	1.5	5.2		12	3	1.6	3.0
		2	0.7	3.2				1.6	7.0
	18	2	1.5	5.2		18	3	2.0	3.0
		2	0.7	3.2				2.0	7.0
STATION: PORT BLAIR									
01	00	3	1.6	2.0	08	00	3	2.0	3.0
		3	2.0	3.0				1.2	7.0
	06	3	1.6	2.0		06	3	2.0	3.0
		3	2.0	3.0				2.0	7.0
	12	3	2.0	3.0		12	3	1.6	3.0
		3	2.0	3.0				1.6	7.0
	18	3	2.0	3.0		18	3	2.0	3.0
		3	2.0	3.0				2.0	7.0
02	00	3	2.0	2.0				2.0	7.0
		3	2.0	3.0				2.0	7.0

JUNE, 1969

- 37 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
09	00	3	2.0	3.0		12	...	-	-
			2.0	7.0		18	3	2.0	2.0
	06	3	2.0	3.0				2.0	3.0
			2.0	7.0					
	12	3	2.0	3.0	16	00	3	2.0	2.0
			0.6	7.0				2.0	3.0
	18	3	2.0	3.0		06	3	2.0	2.0
			1.6	7.0				2.0	3.0
10	00	3	2.0	3.0		12	3	2.0	2.0
			1.6	7.0				2.0	3.0
	06	3	2.0	3.0		18	3	2.4	2.0
			1.6	7.0				2.4	3.0
	12	3	2.0	3.0	17	00	3	2.0	2.0
			1.6	7.0				2.4	3.0
	18	3	2.0	3.0		06	3	2.4	2.0
			1.6	7.0				2.0	3.0
11	00	3	2.0	3.0		12	3	2.0	3.0
			1.6	7.0				0.8	7.0
	06	3	2.0	3.0		18	3	2.0	2.0
			1.6	7.0				2.0	3.0
	12	3	2.0	3.0	18	00	3	2.0	2.0
			1.6	7.0				2.4	3.0
	18	3	2.0	3.0		06	3	2.0	2.0
			1.2	7.0				3.2	3.0
12	00	3	2.0	3.0		12	3	2.0	2.0
			1.2	7.0				2.8	3.0
	06	3	2.0	3.0		18	3	2.0	2.0
			2.0	3.0				2.8	3.0
	12	3	2.0	3.0	19	00	3	2.0	2.0
			2.0	2.0				3.2	3.0
	18	3	2.0	3.0		06	3	2.0	2.0
			2.0	3.0				2.4	3.0
13	00	3	2.0	3.0		12	2	2.8	3.0
			1.2	7.0		18	3	2.4	2.0
	06	3	2.0	2.0				3.2	3.0
			2.0	3.0					
	12	3	2.0	2.0	20	00	3	2.4	2.0
			2.0	3.0				3.6	3.0
	18	3	2.0	2.0		06	3	1.6	2.0
			2.0	3.0				2.8	3.0
14	00	3	2.0	2.0		12	3	1.6	2.0
			2.0	3.0				2.4	3.0
	06	3	2.0	3.0		18	3	1.6	2.0
			1.2	7.0				2.0	3.0
	12	3	2.0	2.0	21	00	3	1.6	2.0
			2.0	3.0				2.0	3.0
	18	...	-	-		06	...	-	-
15	00	...	-	-		12	...	-	-
	06	3	2.0	2.0		18	...	-	-
			2.0	3.0					

JUNE, 1969



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

STATION: PORT BLAIR

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
22	00	...	-	-
	06	3	1.6 2.0	2.0 3.0
	12	3	1.6 2.4	2.0 3.0
	18	3	1.6 2.4	2.0 3.0
23	00	3	1.6 2.0	2.0 3.0
	06	3	1.6 2.0	2.0 3.0
	12	3	1.6 2.0	2.0 3.0
	18	3	2.0 2.0	2.0 3.0
24	00	3	2.0 2.0	2.0 3.0
	06	...	-	-
	12	3	2.0 3.2	2.0 3.0
	18	2	2.8	2.0
25	00	...	-	-
	06	...	-	-
	12	3	1.6 2.0	2.0 6.0
	18	3	1.6 2.0	2.0 6.0
26	00	3	2.0 1.6	3.0 7.0
	06	3	1.6 1.6	2.0 7.0
	12	3	1.6 2.0	3.0 7.0
	18	3	2.0 2.0	3.0 7.0
27	00	3	2.0 3.0	3.0 7.0
	06	3	1.6 2.0	3.0 7.0
	12	3	1.6 2.0	3.0 7.0
	18	3	1.6 2.0	3.0 7.0
28	00	3	2.0 2.0	3.0 7.0
	06	...	-	-
	12	3	2.0 3.6	3.0 7.0
	18	3	2.0 4.0	3.0 7.0

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

29	00	3	1.6 3.6	3.0 7.0
	06	3	1.6 3.6	3.0 7.0
	12	3	2.0 3.6	3.0 7.0
	18	2	2.0	3.0
30	00	...	-	-
	06	3	2.0 2.8	3.0 7.0
	12	3	1.6 2.8	3.0 7.0
	18	3	1.6 3.2	2.0 3.0

STATION: SHILLONG

01	00	3	0.4	4.8
	06	...	-	-
	12	3	0.4	5.0
	18	3	0.4	5.0
02	00	3	0.4	4.5
	06	3	0.4	4.5
	12	3	0.4	4.5
	18	3	0.4	4.5
03	00	3	0.4	4.5
	06	3	0.4	4.5
	12	3	0.4	4.5
	18	3	0.4	4.5
04	00	3	0.4	4.5
	06	3	0.4	4.4
	12	3	0.4	4.2
	18	3	0.4	4.2
05	00	3	0.4	4.2
	06	3	0.4	4.2
	12	3	0.4	4.2
	18	3	0.4	4.2
06	00	3	0.4	4.2
	06	3	0.4	4.2
	12	3	0.4	4.2
	18	3	0.4	4.2
07	00	3	0.4	4.2
	06	3	0.4	4.0
	12	3	0.4	4.0
	18	3	0.4	4.0
08	00	3	0.4	4.0
	06	3	0.4	4.0
	12	3	0.4	4.2
	18	3	0.4	4.2

JUNE, 1969

- 39 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION: SHILLONG					19	06	3	0.4	4.5
09	00	3	0.4	4.2		12	3	0.4	4.4
	06	...	-	-		18	3	0.4	4.5
	12	...	-	-	20	00	3	0.4	4.4
	18	...	-	-		06	3	0.4	4.4
10	00	...	-	-		12	3	0.4	4.2
	06	...	-	-		18	3	0.4	4.2
	12	...	-	-	21	00	3	0.4	4.2
	18	...	-	-		06	3	0.4	4.4
11	00	...	-	-		12	3	0.4	4.4
	06	3	0.4	4.3		18	3	0.4	4.5
	12	3	0.4	4.3	22	00	3	0.4	4.4
	18	3	0.4	4.3		06	3	0.4	4.4
12	00	3	0.4	4.3		12	3	0.4	4.4
	06	3	0.4	4.5		18	...	-	-
	12	3	0.4	4.5	23	00	...	-	-
	18	3	0.4	4.5		06	...	-	-
12	00	3	0.4	4.3		12	3	0.4	4.3
	06	3	0.4	4.5		18	3	0.4	4.3
	12	3	0.4	4.5	24	00	3	0.4	4.3
	18	3	0.4	4.5		06	...	-	-
13	00	3	0.4	4.2		12	3	-	-
	06	3	0.4	4.2		18	...	-	-
	12	3	0.4	4.2	25	to 00	...	-	-
	18	3	0.4	4.2	27	18	...	-	-
14	00	3	0.4	4.2	28	00	...	-	-
	06	3	0.4	4.0		06	...	-	-
	12	3	0.4	4.0		12	3	0.5	4.8
	18	3	0.4	4.0		18	3	0.5	4.6
15	00	3	0.4	4.0	29	00	3	0.5	4.6
	06	3	0.4	4.2		06	3	0.5	5.6
	12	3	0.4	4.2		12	3	0.5	4.6
	18	3	0.4	4.2		18	3	0.5	4.6
16	00	3	0.4	4.2	30	00	3	0.5	4.6
	06	3	0.4	4.2		06	3	-	-
	12	3	0.4	4.4		12	3	0.5	4.6
	18	3	0.4	4.4		18	3	0.5	4.6
17	00	3	0.4	4.4	STATION: TRIVANDRUM				
	06	3	0.4	4.4	01	00	2	1.0	4.7
	12	3	0.4	4.4		06	2	1.0	4.6
	18	3	0.4	4.4		12	2	0.8	4.2
18	00	3	0.4	4.2		18	2	0.6	4.0
	06	3	0.4	4.5	02	00	2	0.9	4.5
	12	3	0.4	4.5		06	2	1.0	4.6
	18	3	0.4	4.5		12	2	1.1	4.6
19	00	3	0.4	4.5		18	2	0.9	4.6

JUNE, 1969

- 40 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
03	00	2	1.0	4.4	14	00	2	1.1	4.8
	06	2	1.2	4.6		06	2	1.2	4.6
	12	2	1.5	4.6		12	2	1.2	4.8
	18	2	1.2	4.3		18	2	1.1	4.6
04	00	2	1.2	4.3	15	00	2	1.0	4.3
	06	2	1.4	4.5		06	2	1.0	4.4
	12	2	1.5	4.6		12	2	1.0	4.4
	18	2	1.4	4.8		18	2	0.8	4.5
05	00	2	1.5	4.6	16	00	2	0.7	4.6
	06	2	1.5	4.7		06	2	0.5	4.4
	12	2	1.8	4.8		12	2	0.6	4.1
	18	2	1.5	4.6		18	2	0.5	4.3
06	00	2	1.6	4.5	17	00	2	0.5	4.2
	06	2	2.1	4.4		06	2	0.5	4.0
	12	2	2.2	4.6		12	2	0.5	4.3
	18	2	2.0	4.7		18	2	0.5	4.6
07	00	2	2.0	4.5	18	00	2	0.5	4.4
	06	2	1.8	4.4		06	2	0.5	3.9
	12	2	1.6	4.6		12	2	0.5	4.0
	18	2	1.7	4.3		18	2	0.7	4.4
08	00	2	2.0	4.6	19	00	2	0.6	4.3
	06	2	Power Failure			06	2	0.7	4.4
	12	2	1.9	4.7		12	2	0.7	4.2
	18	2	1.5	4.7		18	2	0.9	4.2
09	00	2	1.8	4.7	20	00	2	1.0	4.2
	06	2	1.8	4.7		06	2	1.2	4.4
	12	2	1.6	4.8		12	2	1.4	4.3
	18	2	1.3	4.9		18	2	1.3	4.4
10	00	2	1.3	4.9	21	00	2	1.1	4.6
	06	2	1.2	4.7		06	2	1.0	4.3
	12	2	1.5	4.6		12	2	1.0	4.1
	18	2	1.4	4.6		18	2	1.0	4.3
11	00	2	1.4	4.4	22	00	2	1.0	4.2
	06	2	1.3	4.7		06	2	1.2	4.1
	12	2	1.2	4.6		12	2	1.4	4.3
	18	2	1.1	4.7		18	2	1.4	4.4
12	00	2	1.1	4.6	23	00	2	1.4	4.3
	06	2	1.4	4.8		06	2	1.3	4.5
	12	2	1.4	4.9		12	2	1.7	4.4
	18	2	1.6	4.9		18	2	1.8	4.5
13	00	2	1.3	4.7	24	00	2	1.9	4.8
	06	2	1.4	4.9		06	2	2.2	4.7
	12	2	1.1	4.7		12	2	1.8	4.5
	18	2	1.1	4.6		18	2	1.8	4.6

JUNE, 1969

DATE	HOUR	K	MEAN AMPLITUDE in mm.	MEAN PERIOD in sec.	DATE	HOUR	K	MEAN AMPLITUDE in mm.	MEAN PERIOD in sec.
25.	00	2	1.5	4.4	06	00	1	1.0	4.8
	06	2	1.5	4.7		06	1	0.9	4.9
	12	2	1.4	4.6		12	1	1.0	4.6
	18	2	1.3	4.7		18	1	0.9	4.8
26	00	2	1.3	4.5	07	00	1	0.9	4.7
	06	2	1.2	4.5		06	1	0.7	4.3
	12	2	1.2	4.6		12	1	1.0	4.2
	18	2	1.3	4.3		18	1	0.7	4.3
27	00	2	1.2	4.4	08	00	1	0.7	4.7
	06	2	1.4	4.3		06	1	0.5	4.5
	12	2	1.3	4.2		12	1	0.6	4.1
	18	2	1.2	4.3		18	1	0.6	4.1
28	00	2	1.2	4.3	09	00	1	0.6	4.2
	06	2	1.6	4.5		06	1	0.5	4.2
	12	2	1.2	4.6		12	1	0.6	4.3
	18	2	1.3	4.6		18	1	0.5	4.1
29	00	2	1.5	4.6	10	00	1	0.5	4.2
	06	1	1.7	4.6		06	2	0.5	4.4
	12	1	2.3	4.5		12	2	0.4	3.8
	18	1	2.6	4.7		18	2	0.4	3.6
30	00	1	2.1	4.8	11	00	2	0.5	3.6
	06	1	2.1	4.8		06	3	0.7	4.2
	12	1	2.1	4.9		12	3	0.8	4.3
	18	1	2.1	4.8		18	3	0.9	4.3
STATION: WISAKHAPATNAM					12	00	3	0.6	4.4
01	00	3	0.7	4.6		06	3	0.9	4.6
	06	2	0.9	4.4		12	3	0.9	4.8
	12	2	0.7	4.6		18	3	0.9	4.9
	18	1	1.1	3.1	13	00	3	0.9	4.7
02	00	1	0.9	2.9		06	3	0.6	4.5
	06	1	0.7	4.3		12	3	0.7	4.4
	12	1	0.6	4.3		18	3	0.7	4.3
	18	1	0.6	4.3	14	00	3	0.6	4.4
03	00	1	0.5	2.2		06	3	0.7	3.9
	06	1	0.7	4.2		12	3	0.8	3.8
	12	1	0.9	4.4		18	3	0.8	4.0
	18	1	1.0	4.7	15	00	3	0.6	3.7
04	00	1	1.0	4.8		06	3	0.3	3.6
	06	1	1.3	4.8		12	3	0.3	3.7
	12	1	1.3	4.7		18	3	0.3	3.5
	18	1	0.9	4.3	16	00	3	0.2	3.2
05	00	1	0.8	4.1		06	1	0.7	4.3
	06	1	0.8	4.6		12	1	0.7	4.1
	12	1	1.0	4.8		18	1	0.7	2.8
	18	1	1.0	4.8	17	00	1	1.0	3.1
						06	1	0.8	3.6
						12	1	0.7	3.5
						18	1	0.8	3.5

JUNE, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
18	00	1	0.6	3.4	24	12	3	0.8	5.1
	06	1	0.6	3.4		18	1	0.7	5.2
	12	1	0.4	3.3					
	18	1	0.5	4.1	25	00	3	0.7	4.8
19	00	1	0.5	3.7		06	3	0.6	4.7
	06	1	0.5	3.8		12	3	0.6	4.3
	12	1	0.5	3.9		18	3	0.5	4.6
	18	1	0.6	3.9	26	00	3	0.5	4.2
20	00	1	0.5	3.5		06	3	0.4	4.1
	06	1	1.1	4.5		12	3	0.5	4.5
	12	1	1.3	4.5		18	3	0.3	2.8
	18	1	1.0	4.6	27	00	3	0.2	3.0
21	00	1	1.0	4.5		06	3	0.6	4.2
	06	1	0.7	3.3		12	3	0.7	4.4
	12	1	0.7	4.3		18	3	0.4	2.1
	18	1	0.5	3.7	28	00	3	0.7	3.7
22	00	1	0.5	3.3		06	3	0.7	4.6
	06	1	0.6	4.4		12	3	0.7	4.5
	12	1	0.6	4.9		18	3	0.8	4.6
	18	1	0.5	3.9	29	00	3	0.7	4.5
23	00	1	0.6	4.4		06	3	0.7	4.5
	06	1	0.5	4.1		12	3	0.5	4.8
	12	1	0.7	5.1		18	3	0.5	4.8
	18	1	0.7	5.0	30	00	3	0.5	4.7
24	00	3	0.5	4.1		06	3	0.5	4.3
	06	3	0.8	5.4		12	3	0.6	4.4
						18	3	0.3	4.3

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GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

SEISMOLOGICAL BULLETIN

JUL 1969

PUBLISHED UNDER THE DIRECTION OF

Dr. P. KOTESWARAM

DIRECTOR GENERAL OF OBSERVATORIES



GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

SEISMOLOGICAL BULLETIN

1951

PUBLISHED UNDER THE DIRECTION OF

DR. P. KOTESWARAN

DIRECTOR GENERAL OF OBSERVATORIES

LIST OF SEISMOGRAPH STATIONS WITH THEIR INSTRUMENTS AND CONSTANT

Station andaabbre- viation.	Lat. °N	Long. °E	Height a.s.l. metres	Lithographic foundation	Instrument	Com- pon- nent	Period T ₀ in sec.	T _g g	V.		Paper speed mm/min.	
									max.	Damping constant h ₁ h ₂		
Bhakra BHK	31.25	76.25			Electromag- netic (H)	Z	1	1	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	94	-	-	1	15
					Sprengnether Wood Anderson	E	7.3	7.3	5000	-	1	30
						N	0.8		940	1	1	30
						E	0.8		950	1	1	30
Bombay BOM	18.54	72.49		Deccan Trap	Milne Shaw	N	12		250	0.7	1	8
						E	12		250	0.7	1	8
					Sprengnether Benioff	E	7.3	7.3	5000	-	1	30
						Z	1.0	0.2	-	1	1	30
							1.0	87.0	-	-	1	60
Calcutta CAL	22.32	88.20	7 6	Alluvium	Milne-Shaw Omori-Ewing	E	12		250	0.7	1	8
						E	19		30	-	1	25.4
						N	15		32	-	1	25.4
					Sprengnether Benioff	N	7.0	7.0	1000	-	1	30
						Z	0.72	0.45	-	-	1	60
					Wood-Anderson	N	0.8		1000	1	1	30
						E	0.8		1000	1	1	30
						N	12		250	1	1	16
					Milne-Shaw	E	12		250	1	1	16
					Wenner Accelerograph	ZNE	0.1		50	0.6	1	60
Delhi NDI	28.41	77.12	207	Massive Quartzite	Sprengnether Wood-Anderson	E	7.6	7.6	5000	-	1	30
						E	0.8		1000	1	1	30
						N	0.8		1000	1	1	30
					Milne-Shaw Benioff(SP)	N	12		250	0.7	1	8
						Z	1.0	0.79	50K (for	-	1	60
						N	1.0	0.75	50K TE=1	-	1	60
						E	1.0	0.73	50K sec.	-	1	30
					Sprengnether(LP)	Z	15	100	1500 (for	-	1	30
						N	15	100	1500 TE=15	-	1	30
						E	15	100	1500 sec.	-	1	30



Shra Dun	30.19	78.03	682	Gravel	Wilson-Jamison Wood-Anderson	Z N E	1.3 0.8 0.8	1.3	- 970 1000 250	1 1 1	1	60 30 30			
Shra Dun	15.29	73.49		Laterite	Milne-Shaw Sprengnether	Z E N	1.5 7.4 7.5	1.5 7.4 7.5	5000 5000 250	0.7 1 1	1	30 30 8			
Shra Dun	17.26	78.27	536	Granite	Milne-Shaw	Z E N	1.2 12		250	0.7	1	8			
Shra Dun	10.14	77.28	2345	Rock	Benioff(SP) Sprengnether	Z N E	1.0 1.0 1.0	0.75 0.75 0.75	50K 50K 50K	0.7 1 1	1	60 60 60			
Shra Dun	15.00	80.11	15		Milne-Shaw Sprengnether	Z E	7.4 1.5	7.4 1.5	1500 1500 250	0.7 0.7	1	8			
Shra Dun	18.32	73.51	560	Deccan Trap	Benioff(SP) Sprengnether(LP)	Z N E	1.0 1.0 1.0	0.75 0.75 0.75	50K 50K 50K	1 1 1	1	60 60 60			
Shra Dun	11.40	92.43			Milne-Shaw Wood-Anderson	Z E N	2.0 1.2 0.8		890 840	0.7 0.8	1	30 30			
Shra Dun	25.10	77.05			Benioff Wood-Anderson	Z N E	1.2 0.8	1.5	860 950	1	1	30 30			
Shra Dun	25.34	91.53	1600	Quartzite Sandstone (Shillong quartzite)	Benioff(SP) Sandstone Press Lwing(LP)	Z E N	1 1 1	0.75 0.75 0.75	200K 200K 200K	1 1 1	1	60 60 60			
Shra Dun	26.45	94.46		Alluvium	Sprengnether Milne-Shaw Wenner Accelerograph	Z N E	0.1 12 6.7	6.7	250 2600 3000	0.6 0.7	1	60 30 30			
Shra Dun	8.29	76.57		Decomposed Laterite	Sprengnether Wood-Anderson	E	7.1	7.1	2500	1	1	30			
Shra Dun	83.18				Sprengnether Wood-Anderson Electromagnetic(SP) Milne-Shaw	E F N Z N	7.0 0.8 1.65 1.12	7.0 7.0 1.65	5000 1000 1000 6000 250	1 1 1 1 0.7	1	30 30 30 60 12			

July, 1968

DATE STN PHASE H. M. S. △
Deg.

DATE STN PHASE H. M. S. △
Deg.

01	DDI eP i	04 18 38.0 19 29.0	
01	NDI eP i	08 37 48.0 40 31.3	
01	SHL iP	10 13 59	D
01	SHL eP	10 34 47	
01	NDI i	12 42 09.5	
01	NDI e iSg	14 17 57.2 18 00.4	
01	KOD e i	20 57 02 59 40	
	SHL iP	20 57 58	CN
	CHA iP	20 58 21	C
	DDI eP	20 59 58.2	
01	POO eP	21 02 13	
02	SHL iP	03 11 02	DSW
02	SHL eP	05 02 53	
02	SHL iP	08 34 52	DSW
	TOC eP e	08 35 17 35 20	
	CHA iP eS	08 35 49.1 D 37 08.8 M= 4.9	6.9
	BOK iP SS SSS	08 35 54 37 16 37 38	E 7.1
02	CAL i	08 36 25	
02	POO eP	08 41 52	
02	SEH eP	09 04 36	
02	EPC: 20.7N, 99.4E BURMA -H = 09h 59m 53.4s(USCGS) Depth= N, Mag. 5.0(CGS)		
	SHL iP	10 01 55	DE

	TOC eP eS	10 02 17 04 10		10.0
	PBA eP	10 02 33		11.1
	CHA eS iP	10 02 36 05 03	D	
	BOK eP	10 03 09		
	NDI iP iS	10 04 42.0 C 08 42		21.6
	DDI eP	10 04 42		
	CAL e e	10 04 55 07 57		15.4
	POO eP e	10 05 11 09 40		
	BOM eP e	10 05 16 09 50		
	KOD iP	10 05 17		
02	BBK iP	10 04 06		
02	BOK eP	12 06 55		
02	BOK ePg	12 34 13		
02	SHL iP	15 46 09	DNW	
	CHA iP Pg S	15 47 06.6 C 47 34.6 48 17.6		6.1
02	NDI eP e	15 51 48 52 00.5		
02	DDI iP	18 50 12.5	D	
	NDI eP eS	18 50 25 52 04		
02	CHA iP S	23 24 16.2 C 25 03.9		4.0
03	CHA iP S	03 25 36.9 D 26 01.3		1.8
03	SHL iP	06 41 59	CW	
03	NDI eP	06 43 49	C	

JULY, 1938

2

DATE STN PHASE H. M. S. Δ Deg.

DATE STN PHASE H. M. S. Δ Deg.

03 SHL eP 00 35 37
 03 NDI e 07 19 36
 03 EPC: 1.4S, 128.1E H= 14h
 06m 33.3s (USCGS) BALDA SEA
 Depth=193Km Mag= 5.1 (CGS)
 SHL iP 14 14 01 DSE
 CHA iP 14 16 14 D
 P00 eP 14 19 09
 DDI eP 14 19 15.1
 NDI iP 14 19 19 DE
 03 EPC:- 5.17 N, 175.0E,
 H= 14h 01m 48.6s (USCGS)
 RAJ ISLANDS? ANJELIAN ISLANDS
 FELT ON ANCHITRA Depth=48Km.
 Mag=5.1 (CGS) Mac 4.1 (BRK)
 SHL iP 18 12 40 NE
 CHA iP 18 12 54
 DDI eP 18 13 09
 NDI eP 18 13 22 D
 P00 eP 18 14 11
 03 SHL iP 20 36 46 D 2.5
 es 37 17
 03 CHA iP 20 39 03 D
 03 SHL ePg 20 44 05 1.4
 esg 44 23
 04 MDR iP 01 53 21 C
 04 EPC: 49.7N, 78.2E H= 02h
 46m 57.0s (USCGS) EASTERN
 KAZAKH SSR. Depth= 0 Km
 Mag= 5.3 (CGS)
 DDI eP 02 51 27
 NDI eP 02 51 45 CSE
 CHA eP 02 52 17
 SHL eP 02 52 33 CS
 NOD iP 02 54 22 C
 04 SHL iP 03 42 29 CNE
 CHA iP 03 42 09 C
 04 NDI e 03 51 23.4
 04 SHL eP 11 35 11 D
 04 P00 eP 15 15 12
 04 P00 eP 22 3 12
 05 EPC: 3.1 S, 118.3 E
 01m 01.0s (USCGS)
 NORTHERN
 PHILIPPINES (CGS)
 CSW

KOD eP 01 53 37 W
 SHL eP 01 54 02
 P00 eP 01 54 12
 NDI iP 01 54 14 C
 DDI iP 01 54 15.0 C
 05 EPC: 6.6 S, 77.2 W H= 04h
 55m 33.7s (USCGS) NORTHERN
 PHILIPPINES Mag 4.7 (PAL) Depth=37Km.
 Mag= 5.2 (CGS) Ms. 5.1
 NDI ePKP 05 15 13
 DDI ePKP 05 15 14
 P00 ePKP 05 15 21
 05 P00 e 09 40 25
 P00 e 09 46 00
 05 BOM ePg 10 40 52 0.1
 esg 40 53
 SHL SHL eP 11 21 44
 NDI eP 11 23 14
 P00 eP 11 23 47
 05 EPC:- 7.6 S, 102.0E H= 15h
 55m 45.6s (USCGS) JAVA
 Depth= 102 Kms. Mag= 5.0
 05 CHA iP 17 03 12 D
 P00 eP 17 03 34
 NDI eP 17 04 03 D
 06 SHL iP 11 42 25 C
 06 NDI eP 11 44 08
 06 SHL iP 13 01 31 C
 06 NDI eP 13 54 19
 06 NDI ePg 17 31 39 0.5
 esg 31 45
 06 NDI eP 21 05 08
 07 DDI eP 02 42 45.5
 i 43 43.0
 NDI ePn 03 42 52 3.7
 PPP 43 09

JULY, 1969

- 3 -

 DATE STN PHASE H. M. S.

 Δ
 Deg.

 DATE STN PHASE H. M. S.

 Δ
 Deg.

	Sn	43 37	
	Sg&SS	43 55	
	SSS	44 07	
	CHA eP	03 42 02	
	BOK eP	03 43 37	6.9
	S	44 57	
	POO eP	03 44 40	
07	SHL eP	03 45 32	
	KOD c	03 46 04.5	
	NDI e	03 47 15	
07	DDI eP	03 53 48	
07	EPC: 16.5N, 147.3E -H = 04h 43m 15.4s(USCGS) MARIANA ISLANDS REGION Depth = 38 Kms, Mag. 5.7(CGS) MS 5.5 (CGS) Mag. 5.5 (BRK)		
	SHL iP	04 52 25	D
	CHA iP	04 52 57	D 56.6
	S	05 00 48	
	BOK eP	04 53 08	58.1
	iS	05 01 05	
	VIS eP	04 53 33	61.8
	iS	05 01 49	
	SP	02 09	
	SSP	02 18	
	MDR eP	04 53 55	65.1
	iS	05 02 35	
	NDI eP	04 53 54	DNW 65.0
	eS	05 02 36	
	KOD iP	04 54 14.1	C
	POO eP	04 54 22	69.5
	eS	05 03 30	
07	SHL eP	07 43 39	
07	BOK iPg	08 11 57	
07	SHL eP	09 00 49	

07	KOD c	09 03 38.3	
07	BOK iPg	09 08 14	
07	NDI ePg	09 13 49.8	
	i	13 50.8	
07	KOD c	11 23 38.5	
07	CHA iP	21 19 18.8	D 1.8
	S	19 42.3	
07	CHA iP	21 23 11	D
07	NDI c	21 52 36	
07	CHA iP	21 55 04	C
08	DDI eP	02 04 20.1	
08	EPC: 2.1N, 126.6E -H = 04h 06m 39.7s(USCGS) MOLUCCA PASSAGE Depth = 16Kms, Mag. 5.5(CGS) MS = 4.7(CGS)		
	TOC eP	04 14 13	
	BOK c	04 14 52	
	SHL iP	04 14 21	DSE
	CHA iP	04 14 57	D
	KOD iP	04 15 31	
	NDI iP	04 16 02	53
	eS	23 30	
	DDI iP	04 16 03	D
	POO eP	05 16 05	
08	SHL iP	08 15 31	CSE
	TOC eP	08 15 50	
08	EPC: 37.6N, 20.3E -H = 08h 09m 17.5s(USCGS) IONIAN SEA, FELT ON ZANTE, Depth = N, Mag. 5.4 (CGS) MS = 5.4(CGS), Mag. 5.5(GOL)		
	DDI eP	08 17 52.4	C
	c	27 47	
	NDI iP	08 17 58	CSE 47.3
	eS	24 47	MS=7.3



JULY 1969

 DATE STN PHASE H. M. S. Δ
 Deg.

 DATE STN PHASE H. M. S. Δ
 Deg.

BOM eP 08 18 05 C
 cPP 20 02

POO eP 08 18 12 C

SEH eP 08 18 13 C

BNS eP 08 18 55

CHA iP 08 18 59 D 56.9
 cS 26 47

BOK iP 08 19 01 C 57.1
 PPP 22 33
 S 26 51
 SP 27 01
 PPS 27 13

KOD iP 18 19 09 CNW

MDR eP 08 19 12

SHL iP 08 19 27 CSE

TOC c 08 20 18

PBA eP 08 20 22 C 69.0
 cS 29 26

08 SHL iP 13 05 49 D

08 POO eP 16 29 45

 NDI eP 16 30 23.0

08 DDI eP 19 36 56.7

 NDI eP 19 37 10 8.3
 cS 38 51

 BHK eP 19 37 50

08 TOC eP 20 06 52 2.9
 cS 07 28

08 CHA iP 21 11 51.5 C 7.0
 cS 13 12.7 M=5

 TOC eP 21 11 52

 BOK c 21 12 55

08 NDI eP 21 14 41 8.0
 cS 16 11

09 DDI eP 02 03 26

09 POO eP 02 08 00

 KOD iP 02 08 24.2 D

09 POO eP 03 09 33

09 VIS iP 08 19 12 DE 59.5
 PP 21 30
 S 27 21
 PS 27 42

09 BOK iPg 09 19 25

09 BOK iPg 10 54 49

09 NDI eP 15 53 52

 KOD iP 15 54 34 CW

09 NDI iPg 16 39 46.0 0.2
 iSg 39 48.6 M= 2.0

09 EPC: 8.8S, 124.0E
 -H = 08h 52m 11.5s(USCGS)
 TIMOR, Depth = 34 Kms,
 Mag. = 5.2(CGS)

 TOC eP 23 00 33
 c 01 51

 SHL eP 23 00 37

 KOD eP 23 01 05 DE

 CHA iP 23 01 09 D

 POO eP 23 01 51

 NDI iP 23 02 04. CE 58.1
 cS 09 56

09 KOD i 23 05 55.2

10 NDI c 02 50 19

10 NDI eP 04 39 21

10 BOK iPg 08 10 33

10 EPC: 23.6S, 69.7W
 -H = 08h 42m 28.5s(USCGS)
 NORTHERN CHILE FELT

JULY 1969

- 5 -

DATE STN PHASE H. M. S. Δ Deg.

DATE STN PHASE H. M. S. Δ Deg.

Depth = 48Kms,
Mag. = 5.4(CGS)
MS-4.7(CGS), Mag. 4.5(BRK)

POO eP 09 02 05
KOD iP 09 02 06.0 D
NDI iP 09 02 15.4 D
DDI iP 09 02 18.7 D
10 BOK iPg 09 45 01
10 BOK iP 10 06 07
10 CHA iP 13 05 36 D
10 DDI iP 14 06 24.8 C
NDI e 14 06 56
e 07 28
10 SHL eP 20 12 56 1.6
eS 13 18
11 SHL iP 00 50 27 C
TOC ePg 00 50 44 0.8
eSg 50 54
CHA iP 00 52 49 C
11 PBA i 01 09 27
11 PBA iPg 01 10 05.9 C 0.4
iSg 10 11.4
11 EPC: 0.8N, 88.0E
-H = 01h 07 57.0 (New Delhi)
MDR eP 01 10 0.9 8.9
PP 10 17
eS 11 50
VIS iP 01 10 27 CW 10.5
iPP 10 37
iS 12 26
KOD eP 01 10 29.5 W 10.3
iS 12 27.0
SHL iP 01 11 53
POO eP 01 12 00

BOM e 01 12 06
SHL e 01 12 10
CHA eP 01 12 11 C
NDI eP 01 12 57
DDI iP 01 13 08.5 D
11 BOK i 03 42 15
11 NDI eP 08 10 28
11 BOK iPg 08 41 21
11 POO ePg 09 50 18
11 NDI iP 13 24 13.5 DS 9.1
iS 25 57
11 NDI e 14 10 52
e 11 26
11 NDI e 18 20 25
e 20 57
11 SHL eP 19 24 30
11 NDI ePn 21 30 23 3.2
iSn 31 02
12 NDI e 02 33 50
12 SHL eP 03 26 56
12 BOM e 04 30 17
12 SHL eP 05 20 18
DDI eP 05 22 02.6
12 EPC: 6.6S, 71.4E
- H = 05h 57m 11.1s(USCGS)
CHAGOS ARCHIPELAGO REGION
Depth= N, Mag. 5.3(CGS)
TRD eP 06 00 46
KOD iP 06 01 13.0 CN
MDR eP 06 01 52 21.0
eS 05 47
POO eP 06 02 35

JULY, 1969

- 6 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	NDI	eP	06 04 03			CHA	iP	17 46 29.5	D 3.0
	DDI	eP	06 04 18				eS	47 06.4	M=4.4
	SHL	eP	06 04 23	C		TOC	eP	17 46 51	
12	NDI	eP	07 15 53	7.9				47 41	
		eS	17 24			BOK	eP	17 47 17	
	DDI	eP	07 16 06.1				i	48 04	
	BHK	eP	07 17 22.0			CAL	e	17 48 05	
	SHL	eP	07 18 46			DDI	eP	17 48 23.7	
12	SHL	eP	11 51 59			NDI	eP	17 48 28	11.0
							eS	50 33	
12	EPC:	46.5N, 153.3E			12	POO	e	17 53 15	
	-H =	13h 00m 36.9s(USCGS)			12	EPC:	39.7N, 143.5E		
	Kurile Islands					-H =	19h 16m 31.6s(USCGS)		
	Depth =	12 Kms., Mag. 5.3(CGS)				OFF EAST COAST OF HONSHU			
	MS	5.3 (CGS)				JAPAN, DEPTH=N, Mag.5.2(CGS)			
						MS=5.6(CGS)			
	SHL	iP	13 09 52	CSW		TOC	eP	19 24 32	
	CHA	iP	13 10 11			SHL	iP	19 24 47	CW 45.1
	BOK	iP	13 10 30	CSW 57.3			iS	31 27	
		eS	18 30			CHA	iP	19 25 13	
	DDI	iP	13 10 38.3	58.5		BOK	iP	19 25 31	CW 51.0
		eS	18 51.3				PP	27 28	
	BHK	e	13 10 43				S	32 46	
	NDI	iP	13 10 50.3	60.3		DDI	eP	19 25 50.1	53.2
		eS	19 04				eS	33 19	
	VIS	iP	13 11 15	W		NDI	iP	19 26 02.0	D 55.0
	POO	eP	13 11 49				iS	33 42.0	
	KOD	iP	13 12 08.3	C	12	BOK	eP	19 26 02	73.0
12	BOK	e	13 39 -				e	35 30	
12	MDR	e	13 44 -			POO	eP	19 26 57	
12	SHL	iP	15 19 59	C			e	35 30	
12	SHL	ePg	16 39 41	1.4	12	KOD	iP	19 27 13.0	D
		eSg	40 00			CHA	iP	21 33 09.2	D 1.6
12	SHL	iP	17 46 13	CSE			eS	33 31.4	
					12	NDI	i	23 23 13	

JULY, 1969

- 7 -

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DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
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12	CHA	iP*	23	23	44.5	C	1.2	SHL	eP	01	03	21	
		S*		24	01.6								
13	SHL	iP	00	35	55	C		NDI	eP	01	03	33	10.1
									eS		05	28	
13	KOD	eP	01	21	40.5	W		15	BOK	i	01	06	55
13	KOD	iP	01	32	11.5	E		15	BOM	e	06	15	40
13	NDI	eP	02	55	45.0			15	BOK	iPg	09	18	34
		i		55	49			15	BOK	iPg	11	19	07
		i		55	55			15	NDI	eP	12	54	15
		i		55	58			15	NDI	ePn	14	02	37
13	NDI	e	03	13	53				iSn		02	52.5	1.05
13	NDI	e	04	50	23			15	NDI	eP	18	40	19
13	SHL	iP	05	47	19	C		16	NDI	eP	01	16	16
13	NDI	eP	06	04	20				eS		17	32	6.5
13	KOD	eP	14	32	10.5			16	NDI	iSg	04	10	10.5
13	NDI	iP	15	56	32.0	C		16	EPC: 5.3N, 126.8E				
		i		58	04				-H = 04h 47m 37.2s(USCGS)				
13	NDI	ePg	17	18	13.0	0.2			MINDANAO, PHILIPPINE ISLANDS				
		eSg		18	55.5				Depth = 75 Kms, Mag. 5.4(CGS)				
13	NDI	eP	20	28	35	8.6		SHL	iP	04	54	57	C
		eS		30	13			KOD	iP	04	56	19	C
	DDI	eP	20	29	36.4			DDI	eP	04	56	40.1	
13	SHL	eP	20	39	31			NDI	iP	04	56	42.0	DE
13	SHL	iP	22	31	54	D		16	BOK	e	05	02	25
14	DDI	eP	01	03	14.3			16	TED	e	05	34	43
14	NDI	eP	03	36	42			16	BOK	i	05	37	10
14	SHL	iP	06	04	02	C		16	SHL	eP	05	45	56
14	NDI	iP	13	42	23			16	EPC: 52.2N, 159.0E				
		i		42	47				-H = 08h 16m 53.3s(USCGS)				
14	NDI	iP	14	25	35.5	D			Depth 69 Kms.,				
14	NDI	eP	16	05	23				OFF EAST COAST OF KAMCHATKA				
14	NDI	eP	20	11	08				Mag. 5.8(CGS)				
									Mag. 6.2 (PAS) 5.6-5.7(BRK)				
15	CHA	iP	01	02	54	C		CHA	iP	08	26	44	
								SHL	iP	08	26	27	C 55.6
								iS			34	10	

JULY, 1969

- 8 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	DDI	iP	08 27 01	C	16	SHL	iP	18 48 54	C
	BOK	iP	08 27 03	CW 61.0		GHA	iP	18 49 54.4	C 6.7
		pP	27 23				S	51 12.6	
		S	35 15						
	NDI	iP	08 27 23.0	64.0	16	CHA	iP	20 04 48.3	D 1.7
		eS	35 52				S	05 11.5	
	PBA	iP	08 27 38	CS	17	NDI	ePg	00 13 42.5	0.15
							iSg	13 44.5	
	VIS	iP	08 27 43	C 67.4	17	NDI	ePg	00 56 23.5	0.27
		eS	36 35				eSg	56 27.0	
		ePS	37 03						
	POO	eP	08 28 15		17	NDI	eP	04 15 19	
	MDR	eP	08 28 17	73.0	17	NDI	ePn	07 19 30	
		eS	38 39				i	19 39	
	KOD	iP	08 28 40.0	CS	17	SHL	eP	11 26 45	
16	BOK	iP	08 53 55		17	BOK	iPg	11 28 32	
		i	55 45		17	NDI	eP	20 25 57	
16	BOM	e	08 56 -				i	36 15	
16	NDI	eP	10 36 26				e	40 06	
16	NDI	e	11 33 11		17	PBA	iPg	20 31 14.0	DS 1.0
16	NDI	e	12 25 47.0				iSg	31 26.5	
16	EPC: 4.7S, 153.1E				17	SHL	iP	20 34 16	C
	-H = 12h 39m 26.2s(USCGS)				17	MDR	eP	20 36 08	
	NEW IRELAND REGION					SHL	eP	20 36 43	
	FELT AT BARAPMANG AND					KOD	iP	20 37 12.8	D
	RABAUL, NEW BRITAIN				17	POO	eP	20 39 34	
	Depth = 85 Kms, Mag. 4.6(CGS)				17	KOD	eP	21 03 32.2	
	SHL	iP	12 50 11	C			e	04 45.0	
	KOD	eP	12 51 14	D	17	NDI	iP	21 03 50.5	D
	NDI	eP	12 51 28		17	NDI	iSg	21 16 14.0	
16	BOK	i	12 59 58		17	SHL	iP	23 23 35	C
		i	13 00 38		18	POO	iPg	01 30 28.5	D 1.1
16	CHA	iP	13 03 45	D			eSg	30 42.7	
	NDI	eP	13 04 43			BOM	iPn	01 30 41.	C 1.5
16	NDI	iSg	13 10 28				eSn	31 02	

JULY, 1969

- 9 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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18	PBA	iPg iSg	04 00 21.8 00 32.8	C 0.8	18	BHK	eP eS	05 31 51 37 29	36.4	
18	EPC: 6.4S, 130.0E -H = 04h 08m 36.4s(USCGS) BANDA SEA Depth = 145 Kms., Mag. 5.3(CGS)						VIS	iP eS	05 32 04 37 52	D 38.0 M=7.5
	SHL	iP	04 17 08	CE		SEH	iP iS	05 32 16 38 21	40.0	
	KOD	iP	04 17 57	D		MDR	eP PP PPP iS PS	05 32 49 34 32 35 08 39 15 39 31	43.0	
18	NDI	eP	04 18 39			P00	eP e	05 32 56 39 48		
18	EPC: 38.3N, 119.4E -H 05h 24m 48.0s(USCGS) NORTHEASTERN CHINA, REPORTED HEAVY DAMAGE IN CHINA FELT AT OITA, KYUSYU Depth=N, Mag. 6.2(CGS) MS=7.3(USCGS) MAG. 7(PAS), 7.0(BRK)						BOM	eP eS SSS	05 33 06 39 43 44 03	45.5
	SHL	iP eS	05 30 24 35 04	DNE 27.0		KOD	iP PP iS SS SSS	05 33 21 35 18.0 40 12.0 44 44.0 44 48.0	CSW 47.4	
	TOC	eP	05 30 05			TRD	eP PP iS SP SS	05 33 33 35 34 40 34 40 42 44 05	49.0	
	CHA	eP iS	05 30 53 35 49	29.7		18	TOC	ePn Sn	07 31 38 31 58	1.5
	CAL	eP e	05 31 15 36 39			SHL	iP	07 31 45	C	
	BOK	iP eS	05 31 13 36 24	DNE 32.0		CHA	iP	07 32 44	C	
	BNS	iP iS	05 31 36 37 03	34.6		18	SHL	eP eS	07 58 55 59 24	2.3
	DDI	eP PP iS SS SSS	05 31 39 32 57 37 11 39 25 40 49	35.0		18	CHA	iP* S*	09 43 50.9 44 08.5	C 1.3
	NDI	iP PP S	05 31 50 33 10 37 27	DE 36.2		18	EPC: 43.3N, 97.1E -H = 13h 10m 31.9s(USCGS) MONGOLIA, Depth=N Mag. = 5.0(CGS)			
	PBA	iP PPP iS	05 31 50 32 32 37 26	36.2		SHL	iP	13 14 43	D	
						NDI	eP	13 15 20		

JULY, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.
20	EPC: 36.5N, 71.1E, -H = 07h 07m 51.5s(USCGS) AFGANISTAN-USSR BORDER REGION Depth= 220Kms, Mag. 4.9(CGS)					
	BHK	eP	07	09	30	6.5
		eS		10	43	
	DDI	eP	07	09	51	8.5
		eS		11	29.1	
	NDI	iP	07	10	03	DNW 9.3
		eS		11	43	
	CHA	iP	07	11	36	D
	SHL	eP	07	13	18	
20	CHA	iP	07	14	30	D
20	P00	eP	07	15	40	
20	CHA	iP	13	11	45	C
20	SHL	eP	14	45	53	
20	PBA	iPg iSg	15	07	58.8	C 0.7
				08	08.3	
20	NDI	i	18	03	42	
20	SHL	iP	20	16	59	D
20	NDI	eP	22	41	26	
20	NDI	eP	23	48	06	
21	NDI	eP	00	01	35	
21	EPC: 24.5N, 87.6E -H = 02h 35m 20s(UNew Delhi) Mag. 3.9					
	BOK	iP	02	35	49.5	1.6
		iS		36	11.5	
		S		36	14	
	CAL	e	02	36	01	
	SHL	iP	02	36	22	CE
	NDI	eP	02	37	48	10.0
		iS		39	42	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	P00	eP	02	41	20	
21	BNS	iPg iSg	02	49	44.4	1.5
				50	04	
21	NDI	e	06	21	53	
		i		22	19	
21	SHL	iP	07	42	12	DNW
	CHA	iP iS	07	42	52.0	C 3.3
				43	34.1	
21	P00	eP	07	47	49	
21	PBA	i	09	04	22	
21	SHL	eP	11	29	14	
21	NDI	eP	16	17	31	
21	CHA	iP* S*	17	35	19.0	C 1.4
				35	38.1	
21	EPC: 39.4N, 143.0E -H = 19h 44m 13.5s(USCGS) OFF EAST COAST OF HONSHU JAPAN Depth=N, Mag. 5.0(CGS)					
	SHL	eP	19	52	26	
	CHA	iP	19	52	55	D
	NDI	iP	19	53	39	C
21	EPC: 2.9N, 124.7E -H = 22h 06m 56.9s(USCGS) CELEBES SEA Depth= 220 Kms, Mag. 5.6(CGS)					
	SHL	iP	22	14	03	DSE
	TOC	eP	22	13	55	
	VIS	iP	22	14	41	E
	CHA	iP	22	14	42	C
	MDR	iP	22	14	56	CE
	NDI	eP	22	15	43	CNW 51.5
		eS		22	50	

JULY, 1969

- 12 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	DDI	iP	22	15	45	D
	POO	eP	22	15	47	
22	SHL	eP	00	57	58	
22	NDI	e	06	06	47	
22	CHA	iPg Sg	07 49	49	19.3 32.4	D 0.9
22	SHL	iP	08	05	27	C
22	BOK	iPg	09	01	26	
22	SHL	eP	10	37	05	
	CHA	iP	10	38	22	C
22	NDI	iP iS	15 51	50 38	24	DW
	BHK	eP	15	50	36	
22	SHL	iP	17	26	16	CNW
	CHA	iP	17	26	39	
	NDI	eP e	17 27	27 54	19	
22	NDI	e	17	51	02	
22	SHL	iP	18	18	57	DNE
22	CHA	iP	18	34	52	D
22	NDI	eP e	19 39	38 03	07	
22	POO	eP	21	49	46.5	
	BOM	ePn eSn	21 50	49 19	57	1.6
22	MDR	eP	21	53	16	
22	NDI	eP eS	21 55	54 26	17	6.1
23	NDI	eP	01	26	46	
23	EPC		49.9N,	78.3E		
	-H =		02h 43m	58.1s(USCGS)		

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	EASTERN KAZAKH SSR					
	Depth= 0, Mag. 5.5(CGS)					
	DDI	eP	02	51	26.3	
	NDI	eP	02	51	45.0	CS
	CHA	eP	02	52	18	D
	TOC	eP	02	52	18	
	SHL	iP	02	52	19	C
23	BHK	ePg eSg	11 51	50 09.0	51.5	1.3
	NDI	ePn eSn	11 52	51 27	39	3.98
23	EPC: 37.3N, 141.5E					
	-H = 13h 14m 35.1s(USCGS)					
	NEAR EAST COAST OF HONSHU					
	JAPAN					
	Depth = 53 Kms, Mag. 5.2(CGS)					
	TOC	eP	13	22	13	
	SHL	eP	13	22	35	CW
	CHA	iP	13	23	02	C
	DDI	eP	13	23	43	C
	NDI	eP	13	23	53	CSW
	POO	eP	13	24	48	
K	KOD	iP	13	25	01	D
23	NDI	ePn eSn	16 21	21 43	17	1.9
23	NDI	e	16	35	53	
23	SHL	iP eS	18 42	42 46	17	C 2.4
23	CHA	eP	18	44	27	
23	BHK	eP	23	23	10	
	NDI	e	23	24	13	
24	SHL	eP	01	35	06	
	NDI	eP	01	36	07	

JULY, 1969

- 13 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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24		EPC: 11.9S, 75.1W					SHL	eP	12 54 26	
		-H = 02h 59m 21.0s(USCGS)					CHA	eP	12 54 30	
		PERU					MDR	e	13 02 08	
		EXTENSIVE PROPERTY DAMAGE AT			24		e	11 19		
		HUANCAYO. LANDSLIDES LOCALLY,					e	17 10		
and		FELT AT AYACUCHO, HUANCABELICA					BOK	eP	13 04 33	
Tarma		Depth= 1 Kms, Mag. 5.9(CGS)					e	16 10		
		MS. 5.7 (CGS), Mag.5.6(BRK)					e	20 37		
		5 $\frac{1}{2}$ -5 $\frac{3}{4}$ (GOL).					TRD	e	13 10 45	
	NDI	eP	03 19 09	D	24		BOM	e	13 14 -	
	P00	eP	03 19 11		24		NDI	ePg	13 45 43.5	0.62
	DDI	eP	03 19 11	D			eSg	45 51.5		
	BOM	iPKP	03 19 11		24		NDI	iP	15 06 14.2	D
	SHL	iP	03 19 26	DS	24		EPC: 1.8S, 128.5E			
24	BOK	e	04 28 05				-H = 15h 11m 01.1s(USCGS)			
24	CHA	iP	04 51 28.6	C	2.8		Depth= 53 Kms.			
	S		52 03.6				Mag. = 5.1 (CGS)			
24	SHL	iP	05 12 06	CSE			SHL	eP	15 19 11	CW
	NDI	eP	05 12 46	C			CHA	eP	15 19 46	C
	i		12 48				NDI	eP	15 20 46	C
24	NDI	ePg	05 25 45.5	0.12	24		SHL	iP	16 28 32	DSW
	eSg		25 47.0		24		NDI	eP	16 30 04	C
24	NDI	i	06 33 15		24		SHL	eP	16 34 34	
24	NDI	iSg	06 41 08.2		24		NDI	ePg	19 20 21.0	0.68
24	NDI	iP	06 46 49	D			eSg	20 29.8		
24	NDI	ePg	10 23 03.8	0.3	24		NDI	iP	23 29 20	C
	eSg		23 07.7		24		NDI	eP	23 55 22	9.1
24	NDI	ePg	11 26 54	0.25			iS	57 06		
	iSg		26 57.2		25		SHL	iP	01 07 03	DNE
24		EPC: 45.4S, 35.0E					NDI	iP	01 08 31.5	DNE
		-H 12h 41m 40.2s(USCGS)			25		SHL	iP	04 45 11	C
		PRINCE EDWARD ISLANDS REGION					NDI	iP	04 46 51.0	D
		Depth= N, Mag. 5.7(CGS)								
		MS. 5.9(CGS), Mag. 5 $\frac{3}{4}$ -6(GOL)								
	P00	eP	12 53 06							
	NDI	eP	12 54 08	84.0						
	eS		13 04 28							

JULY, 1969

- 14 -

DATE	STN	PHASE	H.	M.	S.		△ Deg.
25	CHA	iP Sg	05	01	58.3	C	0.8
				02	10.2		
25.	CHA	iP S	06	01	33.7	C	1.8
				01	58.2		
25	EPC: 25.6S, 63.3W -H = 06h 06m 42.4s(USCGS) SALTA PROVINCE, ARGENTINA Depth = 579 Kms, Mag. 5.5(CGS)						
	POO	ePKP ePP	06	24	59		
			06	27	50		
	MDR	iP	06	25	13		
	MDI	iP	06	25	15.0	D	
	BHK	eP	06.	25	15		
	SEH	iP	06	25	16		
	DDI	eP	06	25	17		
	BOK	eP	06	25	28		
	SHL	iP	06	25	35	DW	
	BOM	e	06	27	45		
25	CHA	iP	06	40	39	D	
25	BOK	iPg	09	40	14		
25	CHA	eP	11	12	55	D	
25	CHA	iP	12	35	51	C	
25	SHL	iP	13	03	39	C	
25	EPC: 53.3N, 167.0W -H = 12h 54m 27.6s(USCGS) FOX ISLANDS, ALEUTIAN ISLANDS Depth = 42Km, Mag. 5.0(CGS) MS - 5.2(CGS), MAG 5.1(BRK) 6.4(GOL)						
	SHL	eP	13	06	11		
	MDI	eP	13	06	39		
	KOD	iP	13	07	55	C	
25	BOK	e	13	36	44		

DATE	STN	PHASE	H.	M.	S.		△ Deg.
25.	EPC: 2.6N, 126.6E -H = 13h 34m 09.8s(USCGS) MOLUCCA PASSAGE Depth= N, Mag. 5.6(CGS) MS 4.9(CGS)						
	SHL	iP	13	41	46	SE	
	CHA	iP	13	42	22	D	
	MDR	iP	13	42	40	D	
	KOD	iP	13	42	58.3	DE	
	SEH	iP	13	42	20	D	
	DDI	iP	13	43	27.2		
	NDI	eP	13	43	27	SE	
	POO	eP	13	43	30		
25	BOM	e	13	50	-		
25	SHL	iP	14	00	11	C	
25.	NDI	iPg iSg	17	26	15.0		0.65
				26	23.5		
25	NDI	iP eS	17	40	47		8.8
				42	28		
25	BNS	iP	22	34	09		
25	EPC: 21.6N, 111.9E -H = 22h 49m 41.3s(USCGS) EASTERN CHINA SLIGHT DAMAGE AT HONG KONG 3000 REPORTED KILLED IN CHINA, Depth= N, Mag. 5.4(CGS), MS 5.9(CGS)						
	TOC	eP	22	53	48		
	SHL	eP	22	53	54	DNW	18.9
	PBA	eP eS	22	54	32		21.8
				58	08		
	CAL	eP e	22	54	35	E	21.8
				58	40		
	CHA	iP S	22	54	47	CSW	23.3
				59	57		
	BOK	iP S	22	54	56	DE	24.3
				59	11		

JULY, 1969

- 15 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
-----					-----				
	VIS	eP eS	22 55 00 5	27.0	27	NDI	iPg iSg	17 44 16.5 44 19.0	DW 0.19
25	BMS	eP	22 55 20		27	NDI	eP	19 39 29	
	DDI	eP	22 56 00		27	EPC: 59.4N, 145.3W -H = 21h 21m 40.6s(USCGS) GULF OF ALASKA Depth= N, Mag. 5.3(CGS) MS- 5.3(CGS) Mag. 5.5(PAS), 5.4(BRK)			
	NDI	eP eS	22 56 04 23 01 14	31.7		SHL	iP	21 34 04	
	MDR	eP	22 56 05			DDI	iP	21 34 08	D
	SEH	eP	22 56 09			NDI	eP eS	21 34 16 44 40	C 85.4
	KOD	iP	22 56 31.1	E		POO	eP	21 35 07	
	POO	eP	22 56 37		27	BOM	e	22 14 -	
	BOM	eP eS	22 56 44 23 02 24	36.4	27	EPC: 24.9N, 122.5E -H = 22h 26m 54.2s(USCGS) JAIWAN REGION Depth = 105, Mag. 5.4(CGS)			
	GOA	eP	22 56 46			SHL	iP	22 32 35	DNE
25	TRD	e	23 10 15			DDI	iP	22 34 19	D
	KOD	iP	23 11 02.5	D		NDI	iP	22 34 24.0	DE
25	NDI	ePg eSg	23 26 27 26 29.5	0.2		KOD	iP	22 35 04	DE
26	SHL	iP	05 29 03	D		POO	iP	22 35 06	D
26	SHL	eP	08 06 31			BOM	iP	22 35 12	
26	BOK	iPg	09 30 17		2.8	POO	eP	06 05 30	
26	SHL	iP	12 14 11	DE	28	EPC: 57.5N, 153.9W -H = 06h 29m 53.9s(USCGS) KODIAK ISLAND REGION Depth = 28 Kms, Mag. 5.3(CGS) MS 4.8(CGS), Mag. 5.5(BRK)			
26	SHL	eP eS	18 18 19 18 40	1.6		SHL	iP	06 42 05	C
26	SHL	iP	21 21 32	C		NDI	iP	06 42 23	C
26	BOK	e i	21 37 52 46 09		28	BOK	iPg	09 14 31	
26	POO	e	21 40 29						
27	SHL	iP	04 44 11	DNE					
27	NDI	ePg iSg	11 42 09.5 42 14.2	0, 36					
27	SHL	iP	14 44 11	DNE					

JULY, 1969

- 16 -

DATE	STN	PHASE	H.	M.	S.	▲ Deg.	DATE	STN	PHASE	H.	M.	S.	▲ Deg.
28		EPC: 30.7N, 132.5E -H = 13h 03m 17.6s(USCGS) SOUTH EAST OF SHIKOKU, JAPAN Depth = 24 Kms, Mag. 5.6(CGS)					29	NDI	eP iS	11	39	58 41 39	3.2
	SHL	iP	13	10	17	C	29	KOD	iP	12	05	50.5	
	NDI	iP eS	13	11	54 18 30	48.0	29	SHL	iP	12	15	05	D
	POO	e	13	12	43		29	POO	ePg	12	32	27	
	KOD	iP	13	12	50	CW	29	SHL	eP	13	00	55	
28	BOK	e	13	17	26		29	NDI	eP	13	08	06	
28	SHL	iP	15	46	19	DSW	29	POO	e	18	44	52	
	NDI	e	15	47	49		30	SHL	iP	00	38	42	D
28	NDI	i	21	06	56		30	EPC: 22.4N, 142.8E -H = 03h 23m 37.6s(USCGS) VOLCANO ISLANDS REGION Depth = 20Kms, Mag. 5.3(CGS)					
28	SHL	ePg eSg	22	55	53 56 08	1.1		SHL	iP	03	32	05	D
28	NDI	iPg iSg	23	06	16.7 06 18.6	DNE 0.15		NDI	eP	03	33	37	
29	EPC: 3.4S, 144.8E -H = 01h 55m 20.4s(USCGS) NEAR NORTH COAST OF NEW GUINEA Depth = 6 Kms, Mag. 5.5(CGS)						30	EPC: 28.5N, 142.6E -H = 04h 18m 44.5s(USCGS) BCNNIN ISLANDS REGION Depth = N, Mag. 5.1(CGS)					
	KOD	iP	02	06	29	DE		SHL	iP	04	27	00	
	NDI	eP	02	06	48			NDI	iP eS	04	28	27 36 22	57.0
29	EPC: 14.8S, 167.2E -H = 06h 24m 21.6s(USCGS) NEW HEBRIDES ISLANDS Depth = 124 Kms, Mag. 5.4(CGS)							KOD	iP	04	29	15	C
	SHL	eP	06	36	39	CNW	30	NDI	e	05	09	11	
	NDI	eP	06	37	40		30	CHA	iPg Sg	10	12	53.8 13 02.3	C 0.6
	BOK	iPg	08	58	04		30	POO	ePg	10	33	38	
	BOK	iPg	09	17	51		30	CHA	iP S	14	10	44.2 11 07.0	D 1.7
29	BOK	iPg	09	44	50			SHL	eP	14	11	43	
29	BOK	iPg	10	42	49		30	CHA	iP S	17	34	51 35 16.7	D 2.0
							30	SHL	eP	17	41	31	

JULY, 1969

- 17 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
31	SHL	eP	00	47	04		31	BOK	iPg	09	27	47	
31	SHL	iP	02	42	56	C	31	BOK	iPg	10	02	29	
31	EPC: 0.1S, 127.1E -H = 02h 34m 59.5s(USCGS) Depth = 11, HALMAHERA Mag. = 5.0(CGS)						31	BOK	iPg	10	15	22	
	NDI	iP	02	44	34	D	31	NDI	i	11	29	11	
	DDI	iP	02	44	35.5	D	31	NDI	i	11	31	10	
31	NDI	eP	05	14	47		31	SHL	eP	11	34	38	
31	NDI	i	06	02	11			NDI	eP	11	35	07	
31	SHL	eP	06	09	38		31	CHA	iP	11	42	58	C
31	CHA	eP	06	10	37		31	BOK	e	11	46	19	
31	BOM	e	08	36	48		31	NDI	i	11	48	38	
31	NDI	eP	08	57	32		31	P00	e	12	10	21	
							31	BOM	e	20	30		
							31	NDI	eP	21	37	17.5	

Rs

List of felt earthquake report received from voluntary Observers for the month of July, 1969.

S.No	Station	Date in G.M.T	Time in Hr. M.	GMT	No.of Shocks	Duration in secs.	Intensity R.F.Scale	Remarks
1.	Sriniketan	21.7.69	02-35		One	15	III	Comming from N-W

JULY, 1969

- 18 -

MICROSEISMIC DATA

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOKARO					STATION : BOKARO				
01	00		-	-	12	3	0.5	5.3	
	06	3	0.3	4.7	18	3	0.5	5.0	
0	12	3	0.3	4.4					
	18	3	0.3	5.0	12	00	3	0.5	5.3
02	00	3	0.3	4.3	06	3	0.9	5.2	
	06	3	0.3	5.0	12	3	0.7	5.2	
	12	3	0.3	4.5	18	3	0.7	5.1	
	18	3	0.3	4.7	13	00	3	0.8	5.6
03	00	3	0.3	4.5	06	3	0.9	5.3	
	06	...	-	-	12	3	0.9	5.4	
	12	3	0.3	4.2	18	3	0.9	5.4	
	18	3	0.3	4.5	14	00	3	0.8	5.7
04	00	3	0.3	4.2	06	3	0.6	5.2	
	06	...	-	-	12	3	0.9	5.9	
	12	3	0.3	4.5	18	3	1.1	5.1	
	18	3	0.3	4.4	15	00	3	0.9	5.1
05	00	3	0.3	4.5	06	3	1.1	5.1	
	06	...	-	-	12	3	1.1	5.0	
	12	3	0.5	4.9	18	3	0.9	5.5	
	18	3	0.5	4.7	16	00	3	1.0	5.3
06	00	3	0.5	5.1	06	3	1.0	5.1	
	06	...	-	-	12	3	1.2	5.8	
	12	3	0.5	4.8	18	3	0.9	5.1	
	18	3	0.5	5.3	17	00	3	1.0	5.3
07	00	3	0.5	5.0	06	3	0.9	4.9	
	06	3	0.5	5.2	12	3	0.8	4.8	
	12	3	0.5	5.4	18	3	0.8	5.1	
	18	3	0.5	5.2	18	00	3	0.8	5.0
08	00	3	0.5	5.4	06	...	-	-	
	06	3	0.5	5.2	12	3	0.7	5.2	
	12	3	0.5	4.9	18	3	0.8	5.0	
	18	3	0.5	5.7	19	00	3	0.8	4.9
09	00	3	0.5	5.8	06	...	-	-	
	06	3	0.5	5.1	12	3	0.9	5.0	
	12	3	0.5	5.0	18	3	0.8	5.2	
	18	3	0.4	4.8	20	00	3	0.9	4.8
10	00	3	0.5	4.8	06	3	0.9	5.3	
	06	3	0.5	5.6	12	3	0.8	5.3	
	12	3	0.5	5.3	18	3	0.8	4.9	
	18	3	0.5	5.1	21	00	3	0.9	4.8
11	00	3	0.5	5.2	06	3	1.0	5.1	
	06	3	0.5	5.2	12	3	1.2	5.0	
					18	3	1.0	5.1	

JULY, 1969

- 19 -

MICROSEISMIC TABLUTATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION - BOKARO

STATION ; BOMBAY

22	00	3	1.0	5.1
	06	3	0.9	5.3
	12	3	0.9	5.3
	18	3	1.0	5.1
23	00	3	0.9	5.0
	06	3	0.9	5.1
	12	3	0.9	4.9
	18	3	0.8	5.6
24	00	3	0.8	5.3
	06	3	0.9	5.5
	12	3	1.0	5.9
	18	3	0.7	5.1
25	00	3	0.7	5.2
	06	3	0.8	5.1
	12	3	0.7	4.8
	18	3	0.5	4.9
26	00	3	-	-
	06	3	0.8	5.4
	12	3	0.9	5.2
	18	3	0.7	5.2
27	00	3	0.6	5.3
	06	3	0.6	4.3
	12	3	0.7	4.9
	18	3	0.5	4.8
28	00	3	0.7	4.8
	06	3	0.8	4.7
	12	3	0.8	4.4
	18	3	0.8	4.9
29	00	3	0.8	5.0
	06	3	1.1	4.2
	12	3	0.9	4.5
	18	3	0.9	4.6
30	00	3	0.9	5.0
	06	3	0.8	4.8
	12	3	1.2	5.0
	18	3	0.9	5.1
31	00	3	0.9	5.0
	06	3	1.0	5.0
	12	3	0.8	5.0
	18	3	1.0	5.2

01	00	3	1.5	4.0
		0.9	0.9	3.1
			0.3	2.0
	06	3	1.5	4.0
			1.1	2.9
			0.4	2.0
	12	3	1.7	4.1
			1.0	3.0
			0.7	2.0
	18	3	1.7	6.1
			0.9	3.0
			0.7	2.0
02	00	3	1.6	4.0
			0.9	3.0
			0.7	2.0
	06	3	1.7	4.1
			0.9	2.9
			0.4	2.0
	12	3	1.7	4.0
			1.0	2.9
			0.5	2.0
	18	3	1.7	4.0
			1.1	3.0
			0.6	2.0
03	00	3	1.7	4.0
			0.9	3.0
			0.5	2.0
	06	3	1.5	4.1
			1.4	2.9
			0.6	2.0
	12	3	1.7	4.1
			0.8	3.1
			0.3	2.0
	18	3	1.5	4.0
			0.7	3.0
			0.3	2.0
04	00	3	1.7	4.0
			0.9	3.1
			0.3	2.0
	06	3	1.4	4.1
			0.3	2.0
	12	3	1.6	4.1
			0.9	2.9
			0.3	2.0
	18	3	1.7	4.0
			0.9	3.0
			0.4	2.0

JULY, 1969

20

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOMBAY				
05	00	3	1.7	4.2
			0.8	3.0
			0.5	2.0
	06	3	1.5	4.1
			0.7	3.0
			0.3	2.0
	12	3	1.8	4.2
			0.9	3.0
			0.5	2.0
	18	3	1.9	4.1
			0.8	3.0
			0.4	2.0
06	00	3	1.9	4.1
			0.9	3.0
			0.3	2.0
	06	3	2.0	4.1
			0.9	3.0
			0.3	2.0
	12	3	1.9	4.2
			0.5	2.0
	18	3	1.7	4.0
			0.8	3.0
			0.7	2.1
07	00	3	1.8	4.2
			0.9	2.9
			0.5	2.0
	06	3	1.5	3.9
			0.9	3.0
			0.5	2.0
	12	3	1.5	4.0
			0.9	3.0
			0.6	2.2
	18	3	1.5	4.1
			0.9	3.0
			0.6	2.2
08	00	3	1.5	4.2
			0.7	2.1
	06	3	1.5	4.0
			0.9	2.9
			0.3	2.0
	12	3	1.5	4.1
			0.9	3.0
			0.5	2.0
	18	3	1.5	4.0
			1.0	3.0
			0.5	2.0
09	00	3	1.5	4.1
			0.9	3.0
			0.5	2.0
	06	Calibration of NS(NS)		
	12	3	1.5	4.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
			0.9	3.0
			0.4	2.0
	18	3	1.6	4.0
			0.5	2.0
10	00	3	1.5	4.0
			0.9	3.0
			0.5	2.0
	06	Calibration of SR(E-W)		
	12	3	1.7	4.0
			0.9	2.9
			0.5	2.0
	18	3	1.6	4.0
			0.9	3.0
			0.5	2.0
11	00	3	1.7	4.1
			1.0	3.0
			0.0	2.0
	06	3	1.7	4.0
			0.9	3.2
			0.3	2.0
	12	3	1.8	4.2
			0.9	2.0
	18	3	1.8	4.1
			0.7	2.0
12	00	3	1.9	4.0
			0.7	2.0
	06	3	2.1	4.1
			0.9	2.0
	12	3	1.9	3.9
			0.9	3.0
			0.3	2.0
	18	3	2.0	4.2
			1.1	3.0
			0.9	2.2
13	00	3	1.9	4.1
			0.4	2.0
	06	3	2.1	4.6
			0.9	3.0
			0.3	2.0
	12	3	1.9	4.5
			0.7	2.5
	18	3	1.9	4.7
			0.9	3.0
			0.3	2.0
14	00	3	2.3	4.8
			1.0	3.0
	06	3	2.4	4.5

JULY, 1969

-21-

MICROSEISMIC TABULATION

DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : BOMBAY

STATION : BOMBAY

			1.0	3.1
			0.3	2.0
12	3		2.5	4.7
			1.1	3.0
			0.4	2.0
18	3		2.3	4.4
			0.9	3.0
			0.7	2.0
15	00	3	2.3	4.5
			0.9	3.0
			0.8	2.0
06	3		2.5	4.1
			1.1	3.0
			0.9	2.0
12	3		2.5	4.4
			1.1	3.0
			0.8	2.0
18	3		2.5	4.3
			1.1	3.1
			0.9	2.0
16	00	3	2.4	4.1
			1.1	3.0
			0.8	2.0
06	3		2.7	4.1
			0.9	2.5
12	3		2.9	4.3
			1.5	3.0
			0.5	2.0
18	3		2.6	4.0
			1.7	3.1
			0.7	2.0
17	00	3	2.5	4.1
			1.2	3.0
			0.6	2.0
06	3		2.5	3.9
			1.5	3.0
			0.6	2.0
12	3		2.5	4.0
			1.4	2.9
			0.5	2.0
18	3		2.4	4.0
			1.5	3.0
			0.7	2.0
16	00	3	2.5	4.0
			1.3	3.0
			0.5	2.0
03	Shock in progress			

	12	3	2.6	3.8
			1.5	2.7
			0.5	2.0
	18	3	2.5	3.7
			1.7	2.8
			0.8	2.2
19	00	3	2.7	3.8
			1.7	2.8
			0.9	2.0
	06	3	2.9	3.7
			1.9	3.0
			0.7	2.1
	12	3	3.0	3.9
			1.5	3.0
			0.7	2.0
	18	3	2.7	3.7
			1.7	3.0
			0.7	2.0
20	00	3	2.9	4.0
			1.6	3.1
			0.7	2.0
	06	3	2.3	3.9
			1.7	3.2
			0.4	2.0
	12	3	2.5	3.8
			1.3	3.0
			0.6	2.0
	18	3	2.5	3.8
			1.7	3.2
			0.7	2.0
21	00	3	2.5	3.9
			1.5	3.0
			0.5	2.0
	06	3	2.8	3.7
			2.2	3.0
	12	3	2.9	3.7
			2.1	2.9
			0.9	1.9
	18	3	2.8	3.7
			2.4	2.7
			0.9	1.9
22	00	3	3.0	3.8
			2.5	2.8
			0.9	2.0
	06	3	2.9	3.9
			2.2	2.9
			1.0	2.0

JULY, 1969

-22-

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : BOMBAY

STATION : BOMBAY

	12	3	2.9 1.7	3.4 2.4
	18	3	2.7 1.5	3.0 2.4
23	00	3	2.5 1.0	2.8 2.0
	06	3	2.3 2.0 0.9	4.0 3.0 2.2
	12	3	2.4 1.7 0.5	3.9 2.9 2.0
	18	3	2.1 1.5 0.6	3.9 3.0 2.0
24	00	3	2.0 1.6 0.4	4.0 2.0 2.0
	06	3	1.9 1.5 0.8	3.9 2.9 2.0
	12	3	1.9 1.5 0.7	4.0 2.9 2.0
	18	3	1.9 1.3 0.5	4.1 2.9 2.0
25	00	3	1.9 1.3 0.5	4.0 3.0 2.0
	06	3	1.9 1.0 0.5	4.2 2.8 2.0
	12	3	1.9 1.2 0.5	4.1 3.0 2.0
	18	3	1.8 1.3 0.4	4.0 3.0 2.0
26	00	3	1.9 1.2	4.0 3.0
	06	3	1.9 1.1	3.9 3.0
	12	3	1.7 1.1 0.5	3.8 2.9 2.0
	18	3	1.6 1.1 0.4	3.9 2.9 2.0

27	00	3	1.5 1.1 0.3	3.9 3.0 2.0
	06	3	1.7 1.1 0.5	3.9 2.9 2.0
	12	3	1.7 0.9 0.4	4.0 3.0 2.0
	18	3	1.7 1.1 0.4	4.0 2.9 2.0
28	00	3	1.5 1.0 0.5	4.0 2.9 2.0
	06	3	1.5 1.0 0.4	4.0 3.0 2.0
	12	3	1.5 1.1 0.3	3.8 3.0 2.0
	18	3	1.7 1.1 0.5	3.8 3.0 2.0
29	00	3	1.6 0.9	3.9 3.0
	06	3	1.9 1.4 0.7	3.9 2.9 2.0
	12	3	1.9 1.3 0.6	4.0 3.0 2.1
	18	3	1.9 1.3 0.6	3.8 2.8 2.0
30	00	3	2.0 1.4 0.5	4.0 3.0 2.0
	06	3	2.3 1.7 0.9	3.9 2.8 2.1
	12	3	2.3 1.5 0.8	4.0 2.8 2.0
	18	3	2.3 1.6 0.8	3.8 3.0 2.2
31	00	3	2.1 1.5 0.8	4.0 3.0 2.2

JULY, 1969

- 23 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOMBAY					STATION : CALCUTTA				
3lcontd.									
06		3	2.3	3.9	09	00	3	0.3	3.9
			1.5	2.8		06	3	0.4	4.0
			0.7	2.0		12	3	0.5	4.0
12		3	1.9	3.9		18	3	0.4	4.0
			1.4	2.9	10	00	3	0.4	4.0
			0.5	2.0		06	3	0.5	4.0
18		3	1.9	3.7		12	3	0.4	4.0
			1.5	3.0		18	3	0.5	3.9
			0.6	2.0	11	00	3	0.3	3.8
STATION : CALCUTTA						06	3	0.5	4.1
01	00	3	0.5	4.0		12	3	0.5	4.0
	06	...	-	-		18	3	0.6	4.1
	12	3	0.4	3.9	12	00	3	0.6	4.1
	18	3	0.4	4.0		06	3	0.6	4.0
02	00	3	0.5	4.0		12	3	0.5	4.0
	06	3	0.4	3.9		18	3	0.6	4.0
	12	3	0.3	4.0	13	00	3	0.7	4.1
	18	3	0.4	4.0		06	3	0.7	4.0
03	00	3	0.5	4.0		12	3	0.5	3.9
	06	...	-	-		18	3	0.6	4.0
	12	3	0.5	4.0	14	00	3	0.7	4.0
	18	3	0.4	3.9		06	3	0.7	3.9
04	00	3	0.5	3.9		12	3	0.8	4.0
	06	...	0.5	4.0		18	3	1.1	4.0
	12	3	0.6	4.0	15	00	3	1.0	4.0
	18	3	0.6	4.0		06	3	1.2	4.0
05	00	3	0.5	3.9		12	3	1.3	4.2
	06	3	0.5	3.9		18	3	1.5	4.2
	12	3	0.7	4.0	16	00	3	1.6	4.1
	18	3	0.8	4.0		06	3	1.7	4.1
06	00	3	0.6	3.8		12	3	2.0	4.2
	06	3	0.5	4.0		18	3	2.0	4.2
	12	3	0.5	4.0	17	00	3	2.2	4.2
	18	3	0.4	3.8		06	3	2.2	4.3
07	00	3	0.5	4.0		12	3	2.2	4.3
	06	3	0.3	3.9		18	3	2.0	4.2
	12	3	0.3	3.9	18	00	3	1.8	4.1
	18	3	0.3	3.8		06	...	-	-
08	00	3	0.3	3.8		12	3	2.0	4.2
	06	3	0.3	3.8		18	3	2.1	4.2
	12	3	0.3	3.9	19	00	3	2.0	4.2
	18	3	0.3	3.8		06	3	1.6	4.1
						12			

JULY, 1969

-24-

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : CALCUTTA				
19	12	3	1.8	4.2
contd.	18	3	2.2	4.2
20	00	3	2.2	4.3
	06	3	2.2	4.2
	12	3	2.3	4.3
	18	3	2.3	4.3
21	00	3	2.3	4.2
	06	3	2.3	4.2
	12	3	2.4	4.3
	18	3	2.4	4.3
22	00	3	1.9	4.1
	06	3	1.4	4.1
	12	3	1.2	4.1
	18	3	0.9	4.1
23	00	3	0.8	4.0
	06	3	0.9	4.0
	12	3	0.8	4.0
	18	3	0.7	4.0
24	00	3	0.6	3.9
	06	3	0.7	4.0
	12	3	0.8	4.1
	18	3	0.8	4.1
25	00	3	0.7	4.0
	06	3	0.7	4.1
	12	3	0.7	4.1
	18	3	0.6	4.0
26	00	3	0.5	4.0
	06	3	0.7	4.0
	12	3	0.6	4.0
	18	3	0.7	4.1
27	00	3	0.7	4.0
	06	3	0.6	4.0
	12	3	0.7	4.0
	18	3	0.8	4.1
28	00	3	0.8	4.0
	06	3	1.0	4.1
	12	3	1.3	4.2
	18	3	1.8	4.1
29	00	1	2.1	3.9
	06	1	3.9	4.2
	12	1	2.8	4.3
	18	1	4.1	4.1

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : CALCUTTA				
30	00	1	3.2	4.0
	06	1	3.2	4.2
	12	1	3.1	4.2
	18	1	2.8	4.2
31	00	1	2.6	4.2
	06	1	2.8	4.2
	12	1	2.4	4.2
	18	1	2.8	4.3
STATION : GOA (COMP. E-W)				
01	00	3	1.9	5.0
	06	3	1.6	4.7
	12	3	1.6	4.6
	18	3	1.6	5.0
02	00	3	1.4	4.6
	06	3	1.6	5.0
	12	3	1.5	4.4
	18	3	2.0	4.6
03	00	3	1.5	4.5
	06	3	1.3	4.5
	12	3	1.5	4.4
	18	3	1.3	4.5
04	00	3	1.6	5.1
	06	3	1.4	4.8
	12	3	1.6	5.1
	18	3	1.8	5.5
05	00	3	1.8	5.1
	06	3	1.3	5.8
	12	3	1.6	4.6
	18	3	1.4	5.5
06	00	3	1.8	5.6
	06	3	1.5	4.9
	12	3	1.4	4.9
	18	3	1.4	5.8
07	00	3	1.4	5.0
	06	3	1.8	5.3
	12	3	1.9	5.4
	18	3	1.8	5.9
08	00	3	1.6	5.8
	06	3	1.5	5.5
	12	3	1.4	5.1
	18	3	1.6	5.0

JULY, 1969

-25-

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : GOA					STATION : GOA				
09	00	3	1.6	5.3	19	00	...	-	-
	06	3	1.4	5.5		06	...	-	-
	12	3	2.0	5.7		12	3	2.1	5.6
	18	3	1.6	5.1		18	3	1.7	5.0
10	00	3	1.6	5.4	20	00	3	2.2	5.5
	06	3	2.2	6.0		06	3	1.9	4.8
	12	3	1.7	5.7		12	3	1.8	4.9
	18	3	1.9	5.6		18	3	2.2	5.1
11	00	3	1.8	5.1	21	00	3	2.2	5.5
	06	3	2.1	5.2		06	...	-	-
	12	3	2.2	5.2		12	...	-	-
	18	3	2.8	5.0		18	...	-	-
12	00	3	2.3	5.9	22	00	...	-	-
	06	...	-	-		06	...	-	-
	12	...	-	-		12	...	-	-
	18	3	3.2	5.6		18	...	-	-
13	00	3	2.7	5.2	23	00	...	-	-
	06	3	3.3	5.5		06	...	-	-
	12	3	2.3	5.7		12	3	3.2	5.6
	18	3	3.2	6.0		18	...	-	-
14	00	3	3.2	4.4	24	00	3	2.2	5.4
	06	3	3.1	4.9		06	3	2.5	5.4
	12	3	3.2	5.3		12	3	2.4	5.4
	18	3	3.4	5.1		18	3	2.3	5.3
15	00	3	2.8	5.0	25	00	3	2.3	5.6
	06	...	-	-		06	3	2.6	5.3
	12	...	2.7	-		12	...	-	-
	18	...	-	-		18	3	2.3	5.3
	19								
16	00	...	-	-	26	00	3	1.6	5.3
	06	3	2.8	5.2		06	3	2.2	5.1
	12	3	2.9	5.4		12	3	1.8	5.0
	18	3	2.7	5.4		18	3	1.6	5.4
17	00	3	2.1	5.2	27	00	3	1.5	5.1
	06	...	-	-		06	3	1.6	5.1
	12	...	-	-		12	3	1.5	4.7
	18	...	-	-		18	3	1.7	4.7
18	00	...	-	-	28	00	3	1.5	5.0
	06	...	-	-		06	3	1.0	4.9
	=12	...	-	-		12	3	1.1	4.1
	18	...	-	-		18	3	1.0	4.8

JULY, 1969

-26-

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : GOA

29	00	3	1.0	5.2
	06	3	1.5	4.8
	12	3	1.7	5.3
	18	3	1.7	4.8
30	00	3	1.6	4.5
	06	3	1.8	5.0
	12	3	1.9	4.5
	18	3	2.0	5.1
31	00	3	1.7	4.9
	06	3	2.1	4.6
	12	3	2.0	5.0
	18	3	2.1	4.8

STATION : MADRAS

	06	1	1.5	5.2
	12	1	1.6	5.2
	18	1	1.5	5.1
06	00	1	1.5	5.0
	03	1	1.3	5.1
	06	1	1.3	5.1
	12	1	1.3	5.1
	18	1	1.2	5.3
07	00	1	1.2	5.3
	03	1	1.3	5.4
	06	1	1.3	5.4
	12	1	1.3	5.5
	18	1	1.3	5.3

STATION : MADRAS

01	00	1	1.3	5.2
		2	0.7	3.3
	03	1	1.5	5.0
	06	1	1.5	5.0
	12	1	1.5	5.0
		2	0.7	3.4
	18	1	1.5	5.0
02	00	1	1.5	5.1
	03	1	1.4	5.0
	06	1	1.5	5.0
	12	1	1.4	5.3
		2	0.7	3.4
	18	1	1.4	5.0
03	00	1	1.2	5.0
	03	1	1.4	5.3
		2	0.8	3.2
	06	1	1.3	5.4
		2	0.8	3.3
	12	1	1.3	5.2
		2	0.7	3.2
	18	1	1.3	5.2
		2	0.7	3.0
04	00	1	1.3	5.1
		2	0.7	3.4
	03	...	Defective Record	
	06	...		
	12	....	
	18	....	
05	00	...	Defective Record	
	03	1	1.5	5.2

08	00	1	1.2	5.5
	03	1	1.3	5.6
	06	1	1.3	5.6
	12	1	1.2	5.5
	18	1	1.1	5.4
09	00	1	1.1	5.4
	03	1	1.2	5.5
	06	1	1.1	5.3
	12	1	1.1	5.4
	18	1	1.1	5.3
10	00	1	1.0	5.3
	03	1	1.1	5.2
	06	1	1.1	5.4
	12	1	1.1	5.5
	18	1	1.1	5.2
11	00	1	1.1	5.3
	03	1	1.1	5.4
	06	1	1.2	5.4
	12	1	1.2	5.4
	18	1	1.4	5.4
12	00	1	1.6	5.4
	03	1	1.6	5.4
	06	1	1.6	5.4
	12	1	1.5	5.3
	18	1	1.6	5.4
13	00	1	1.5	5.3
	03	1	1.6	5.5
	06	1	1.7	5.5
	12	1	1.6	5.5
	18	1	1.6	5.6

JUNE, 1969

- 27 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : MADRAS					Contd				
14	00	1	1.7	5.7	06	1	1	2.1	5.4
	03	1	1.6	5.6	12	1	1	1.9	5.4
	06	1	1.6	5.3	18	1	1	2.1	5.3
	12	1	1.7	5.4	24	00	1	2.1	5.4
	18	1	1.7	5.6		03	1	1.6	5.4
15	00	1	1.9	5.6		06	1	1.6	5.2
	03	1	1.7	5.5		12	1	1.6	5.2
	06	1	1.7	5.5		,,	2	0.6	3.0
	12	1	1.5	5.5		18	1	1.5	5.3
	18	1	1.7	5.5		,,	2	0.7	3.0
16	00	1	2.1	5.6	25	00	1	1.3	5.1
	03	1	2.1	5.6		,,	2	0.7	3.0
	06	1	2.1	5.6		03	1	1.4	5.4
	12	1	1.8	5.6		,,	1	0.8	3.0
	18	1	2.0	5.6		06	1	1.4	5.2
						,,	2	0.8	3.1
						12	1	1.3	5.4
17	00	1	1.9	5.7		,,	2	0.7	3.1
	03	1	2.0	5.6		18	1	1.2	5.2
	06	1	1.7	5.7		,,	2	0.7	3.3
	12	1	1.6	5.6	26	00	1	1.3	5.3
	18	1	1.6	5.6		00	2	0.7	3.1
18	00	1	1.6	5.7		03	1	1.2	5.6
	03	1	1.4	5.6		,,	2	0.6	3.0
	06	...	Earthquake			06	1	1.4	5.5
	12	1	1.5	5.1		,,	2	0.7	3.0
	18	1	1.4	5.7		12	1	1.4	5.3
19	00	1	1.3	5.6		,,	2	0.6	3.1
	03	...	No record			18	1	1.1	5.2
	06	...	No record			,,	2	0.6	3.0
	12	1	1.5	5.6	27	00	1	1.1	5.3
	18	1	1.5	5.5		,,	2	0.6	3.1
20	00	1	1.5	5.5		03	1	1.2	5.3
	03	1	1.4	5.2		,,	2	0.6	3.1
	06	1	1.4	5.1		06	1	1.1	5.2
	12	1	1.4	5.1		,,	2	0.6	3.1
	18	1	1.4	5.2		12	1	1.1	5.1
21	00	1	1.4	5.2		,,	2	0.7	3.1
	03	1	1.3	5.6		18	1	1.1	5.1
	06	1	1.4	5.6		,,	2	0.7	3.1
	12	1	1.6	5.6	28	00	1	1.0	3.2
	18	1	1.9	5.2		,,	1	1.1	5.0
22	00	1	1.6	5.3		03	...	No record	
	03	1	1.6	5.5		06	1	1.2	4.8
	06	1	1.8	5.3		,,	1	0.8	3.1
	12	1	1.7	5.4		12	1	1.2	1.7
	18	1	1.7	5.3		,,	2	0.6	3.0
23	00	1	1.7	5.2		18	1	1.3	4.7
	03	1	2.1	5.3		,,	2	0.6	3.1
					29	00	1	1.2	4.7

JULY, 1969

-28-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
contd	00	2	0.7	3.0	05	18	3	1.2	3.0
	03	1	1.2	4.6				1.2	7.0
	06	1	1.3	4.5	06	00	3	1.6	3.0
	12	1	1.3	4.7				1.6	7.0
	18	1	1.2	4.7	06	06	3	1.2	3.0
30	00	1	1.3	4.8				1.6	7.0
	03	...	No record		12	12	3	1.6	3.0
	06	1	1.3	4.8				1.2	7.0
	12	1	1.2	4.9	18	18	3	1.6	3.0
	18	1	1.2	5.1				1.6	7.0
31	00	1	1.2	5.1	07	00	3	1.2	3.0
	03	1	1.1	4.5				1.2	7.0
	06	1	1.1	4.9	06	06	3	1.6	3.0
	12	1	1.2	5.2				1.6	7.0
	18	1	1.1	5.1	12	12	3	1.2	3.0
								1.6	7.0
					18	18	3	1.6	3.0
								1.6	7.0
STATION : PORT BLAIR									
01	00	3	1.6	2.0	08	00	3	1.6	3.0
			3.2	3.0				1.6	6.0
	06	2	2.4	2.0	06	06	3	1.2	3.0
	12	3	2.0	2.0				1.6	7.0
			2.8	3.0	12	12	3	1.2	3.0
	18	3	1.6	2.0				1.6	7.0
			1.6	7.0	18	18	3	1.2	3.0
02	00	3	2.0	2.0				1.6	7.0
			1.6	7.0	09	00	3	1.2	3.0
	06	3	1.6	2.0				1.2	7.0
			2.0	3.0	06	06	3	1.2	2.0
	12	2	2.0	2.0				1.6	7.0
	18	2	1.6	3.0	12	12	3	1.2	2.0
03	00	3	2.0	2.0				1.6	7.0
			1.6	3.0	12	12	3	1.2	2.0
	06	3	2.0	2.0				1.6	7.0
			2.4	3.0	18	18	3	1.2	2.0
	12	3	1.6	2.0				1.6	7.0
			2.0	3.0	10	00	3	1.2	2.0
	18	2	2.0	3.0				2.0	7.0
04	00	3	2.4	3.0	06	06	3	1.2	3.0
	06	3	1.6	2.0				1.6	7.0
			2.0	5.0	12	12	3	1.6	3.0
	12	3	1.6	3.0				1.6	7.0
			2.0	5.0	18	18	3	1.2	2.0
	18	3	1.2	2.0				1.6	6.0
			2.0	3.0	11	00	3	1.6	2.0
05	00	3	1.6	3.0				1.6	7.0
			2.0	5.0	06	06	3	1.6	2.0
	06	3	1.6	3.0				1.6	7.0
			1.6	6.0	12	12	3	1.6	2.0
	12	3	1.2	3.0	18	18	3	2.0	3.0
			1.2	7.0				1.6	7.0

-29-

JULY, 1969

DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	
STATION : PORT BLAIR				Cont	12	3	1.6	3.0
12	00	3	1.6				7.0	
			1.2		18	3	2.0	3.0
	06	3	2.0				2.0	7.0
			1.2	19	00	3	2.0	3.0
	12	3	2.0				2.0	7.0
			2.0		06	3	2.0	3.0
	18	3	2.0				1.6	7.0
			2.0		12	3	2.0	3.0
			2.0		18	3	2.4	3.0
13	00	3	2.0				2.4	3.0
			2.0	20	00	3	2.4	3.0
	06	3	2.0				2.4	3.0
			2.0		06	3	2.0	3.0
	12	3	2.8				2.0	3.0
			2.0		12	3	2.8	3.0
	18	3	2.4				3.2	3.0
			2.0	21	00	3	3.6	3.0
			2.0				2.8	3.0
14	00	3	2.4		06	3	2.8	3.0
			2.0				2.8	3.0
	06	3	2.0		12	3	3.2	3.0
			2.0	22	00	3	2.8	3.0
	12	3	2.4				2.0	3.0
			2.0		06	3	2.0	3.0
	18	3	2.0				2.0	3.0
			2.0	23	00	3	2.0	3.0
			2.0				1.6	2.0
15	00	3	2.0		06	3	1.8	3.0
			2.0				1.6	2.0
	06	3	2.0		12	3	1.8	5.0
			2.0				1.2	2.0
	12	3	1.6		18	3	1.8	4.0
			2.0				2.4	5.0
	18	3	2.0		00	3	3.6	3.0
			2.0	24			2.0	3.0
			2.0		06	3	2.0	3.0
			1.6				2.4	3.0
16	00	3	2.0		12	3	2.4	3.0
			2.0		18	3	2.4	3.0
	06	3	1.2				2.4	3.0
			2.0	25	00	3	2.4	3.0
	12	3	1.2				1.6	2.0
			1.6		06	3	3.6	5.0
	18	3	1.2				2.0	2.0
			2.0		12	3	2.4	5.0
			1.2				1.6	2.0
17	00	3	2.0		18	3	2.4	7.0
			2.0				2.4	7.0
	06	3	1.2		00	3	2.4	5.0
			1.6	26			2.4	7.0
	12	3	1.2		06	3	1.6	2.0
			1.6				2.4	7.0
	18	3	1.6		12	3	1.6	2.0
			1.6				2.4	5.0
			2.0		18	3	1.6	2.0
18	00	3	2.0				2.8	7.0
			1.6				2.8	7.0
	06	...	...				...	...

JULY, 1969

-30-

STATION : PORT BLAIR				STATION : SHILLONG					
DATE	HOURS	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOURS	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : PORT BLAIR					Contd				
27	00	3	1.2	2.0	12	00	3	0.4	4.6
			2.4	5.0	18	00	3	0.4	4.6
	06	3	3.6	3.0	04	00	3	0.4	4.6
			2.4	5.0	06	00	3	0.4	4.5
	12	3	1.6	2.0	12	00	3	0.4	4.5
			3.2	5.0	18	00	3	0.4	4.5
	18	3	1.2	2.0	05	00	3	0.4	4.5
			3.2	5.0	06	00	3	0.4	4.5
28	00	3	1.6	2.0	12	00	3	0.4	4.5
			4.4	3.0	18	00	3	0.4	4.5
	06	3	-	-	06	00	3	0.4	4.5
			2.0	2.0	06	06	3	0.4	4.6
	12	3	3.6	3.0	12	00	3	0.4	4.6
			1.6	2.0	18	00	3	0.4	4.6
	18	3	4.0	3.0					
29	00	3	1.6	2.0	07	00	3	0.5	4.2
			4.0	3.0	06	00	3	0.5	4.2
	06	3	2.0	2.0	12	00	3	0.5	4.2
			3.6	5.0	18	00	3	0.5	4.2
	12	3	2.0	3.0	08	00	3	0.5	4.2
			4.0	5.0	06	00	3	0.4	4.4
	18	3	1.2	3.0	12	00	3	0.4	4.4
			4.0	7.0	18	00	3	0.4	4.4
30	00	3	2.0	3.0	09	00	3	0.4	4.4
			4.0	7.0	06	00	3	0.4	4.5
	06	3	1.6	2.0	12	00	3	0.4	4.5
			4.0	5.0	18	00	3	0.4	4.5
	12	3	1.2	2.0	10	00	3	0.4	4.5
			3.6	7.0	06	00	3	0.4	4.5
	18	3	1.6	3.0	12	00	3	0.4	4.5
			4.0	5.0	18	00	3	0.4	4.5
31	00	3	1.6	2.0	11	00		-	-
			4.4	7.0	06	00		-	-
	06	3	1.2	2.0	12	00	3	0.5	4.2
			3.6	3.0	18	00	3	0.5	4.2
	12	3	2.4	3.0	12	00	3	0.5	4.2
			3.6	5.0	06	00	3	0.5	4.1
	18	3	4.0	3.0	12	00	3	0.5	4.1
					18	00	3	0.5	4.1
STATION : SHILLONG					13	00	3	0.5	4.1
01	00	3	0.4	4.5	06	00	3	0.5	4.0
	06	3	0.4	4.5	12	00	3	0.5	4.0
	12	3	0.4	4.5	18	00	3	0.5	4.0
	18	3	0.4	4.5					
02	00	3	0.4	4.5	14	00	3	0.5	4.0
	06	3	0.4	4.5	06	00	3	0.5	4.0
	12	3	0.4	4.5	12	00	3	0.5	4.0
	18	3	0.4	4.6	18	00	3	0.5	4.0
03	00	3	0.4	4.6	15	00	3	0.5	4.0
	06	3	0.4	4.6	06	00	3	0.5	4.0

JULY, 1969

-31-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec
STATION : SHILLONG					27	00	3	0.5	3.9
15	12	3	0.5	4.0		06	3	0.5	3.7
	18	3	0.5	4.0		12	3	0.5	3.7
						18	3	0.5	3.7
16	00	3	0.5	4.0	28	00	3	0.5	3.7
	06	3	0.5	4.0		06	3	0.5	3.5
	12	3	0.5	4.0		12	3	0.5	3.5
	18	3	0.5	4.0		18	3	0.5	3.5
17	00	3	0.5	4.0	29	00	3	0.5	3.5
	06	3	0.5	4.0		06	3	0.5	3.6
	12	3	0.5	4.0		12	3	0.5	3.6
	18	3	0.5	4.0		18	3	0.5	3.6
18	00	3	0.5	4.0	30	00	3	0.5	3.6
	06	3	0.5	4.0		06	3	0.5	3.4
	12	3	0.5	4.0		12	3	0.5	3.4
	18	3	0.5	3.8		18	3	0.5	3.4
19	00	3	0.5	3.8	31	00	3	0.5	3.4
	06	3	0.5	3.8		06	3	0.5	3.4
	12	3	0.5	3.8		12	3	0.5	3.4
	18	3	0.5	3.8		18	3	0.5	3.4
20	00	3	0.5	3.8	STATION : TRIVANDRUM				
	06	3	0.5	3.7	01	00	1	2.1	5.0
	12	3	0.5	3.6		06	1	2.2	5.0
	18	3	0.5	3.6		12	1	2.0	4.9
21	00	3	0.5	3.6		18	1	2.2	5.0
	06	3	0.5	3.6	02	00	1	1.8	5.0
	12	3	0.5	3.6		06	1	2.1	4.7
	18	3	0.5	3.6		12	1	2.2	5.0
22	00	3	0.5	3.6		18	1	2.5	4.9
	06	3	0.5	4.0	03	00	1	2.4	4.9
	12	3	0.5	4.0		06	1	2.7	4.9
	18	3	0.5	4.0		12	1	2.6	4.9
23	00	3	0.5	4.0		18	1	2.6	5.0
	06	3	0.5	4.2	04	00	1	2.1	4.9
	12	3	0.5	4.2		06	1	2.2	5.0
	18	3	0.5	4.2		12	1	2.7	4.8
24	00	3	0.5	4.2		18	1	3.3	4.9
	06	3	0.5	4.2	05	00	1	3.6	4.8
	12	3	0.5	4.2		06	...	Calibration	
	18	3	0.5	4.2		12	1	2.3	4.9
25	00	3	0.4	4.2		18	1	2.8	5.0
	06	3	0.4	4.2	06	00	1	2.3	5.2
	12	3	0.4	4.2		06	1	2.5	5.2
	18	3	0.4	4.2		12	1	2.4	5.2
26	00	3	0.4	4.0		18	1	2.4	5.2
	06	3	0.5	3.9	07	00	1	2.7	5.3
	12	3	0.5	3.9		06	1	3.5	5.4
	18	3	0.5	3.9					

JULY, 1969

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN period in sec.
STATION : TRIVANDRUM					18	12	2	2.6	5.5
07	12	1	2.9	5.4		18	2	2.5	5.1
	18	1	3.3	5.5	19	00	2	2.2	5.1
08	00	1	2.3	5.3		06	2	2.1	5.0
	06	1	2.2	5.4		12	2	1.9	4.9
	12	1	2.1	5.4		18	2	1.9	5.1
	18	1	2.1	5.3	20	00	2	2.1	5.2
09	00	...	Power failure			06	...	Power failure	
	06	...	Power failure			12	2	2.0	5.3
	12	1	1.8	5.3		18	2	2.0	5.2
	18	1	2.3	5.4	21	00	2	1.7	5.2
10	00	1	2.2	5.5		06	2	2.2	5.2
	06	...	Power failure			12	2	2.1	5.2
	12	1	2.4	5.3		18	2	3.0	5.1
	18	1	2.2	5.6	22	00	2	2.7	5.2
11	00	1	2.0	5.5		06	1	3.4	5.1
	06	1	2.5	5.6		12	1	3.9	6.2
	12	1	2.8	5.6		18	1	4.7	5.4
	18	1	3.2	5.6	23	00	1	4.6	5.4
12	00	...	No observation Relay stucking			06	1	4.2	5.3
	06	...	Earthquake			12	1	4.4	5.3
	12	1	2.4	5.4		18	1	4.0	5.1
	18	1	2.7	5.4	24	00	1	3.7	5.0
13	00	1	2.8	5.4		06	1	3.6	5.0
	06	1	3.2	5.4		12	1	3.8	5.0
	12	1	3.2	5.5		18	1	3.1	5.1
	18	1	3.8	5.3	25	00	2	3.0	5.0
14	00	1	3.4	5.2		06	2	2.8	5.2
	06	1	3.4	5.8		12	2	2.5	5.2
	12	1	3.6	5.4		18	2	2.9	5.5
	18	1	4.2	5.2	26	00	2	2.9	5.5
15	00	1	3.5	5.0		06	2	2.7	5.3
	06	1	3.9	5.5		12	1	3.5	5.6
	12	1	3.0	5.6		18	1	3.1	5.4
	18	1	3.5	5.6	27	00	1	3.2	5.3
16	00	1	2.8	5.4		06	1	2.5	5.4
	06	1	3.4	5.5		12	1	2.7	5.5
	12	1	3.2	5.5		18	1	2.3	5.4
	18	1	3.2	5.4	28	00	1	2.2	5.2
17	00	1	2.8	5.2		06	2	2.3	5.3
	06	2	2.9	5.2		12	2	2.1	5.2
	12	2	2.3	5.5		18	2	1.6	5.3
	18	2	2.1	5.3	29	00	2	1.8	4.7
18	00	2	2.0	5.2		06	2	1.8	5.0
	06	...	Earthquake			12	2	1.7	5.1
						18	0	1.8	5.2

JULY, 1969

- 33 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec
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STATION : TRIVANDRUM

30	00	2	1.6	4.9
	06	2	1.5	5.2
	12	2	1.7	4.6
	18	2	1.7	4.6
31	00	2	1.9	4.8
	06	2	1.7	4.8
	12	2	1.6	5.0
	18	2	1.8	4.8

STATION : VISAKHAPATNAM

01	00	3	0.5	4.8
	06	3	0.7	4.8
	12	3	0.8	4.9
	18	3	0.8	4.7
02	00	3	0.7	4.9
	06	3	0.7	4.9
	12	3	0.7	5.0
	18	3	0.7	4.8
03	00	3	0.5	3.9
	06	3	0.6	3.9
	12	3	0.4	3.9
	18	3	0.5	3.9
04	00	3	0.5	4.0
	06	3	0.5	4.0
	12	3	0.5	4.2
	18	3	0.5	4.4
05	00	3	0.5	4.6
	06	1	0.6	4.6
	12	1	0.5	4.2
	18	1	0.5	4.1
06	00	1	0.6	4.3
	06	1	0.5	4.9
	12	1	0.5	4.2
	18	1	0.4	4.6
07	00	1	0.3	4.4
	06	3	0.7	4.7
	12	3	0.7	5.0
	18	3	0.7	5.3
08	00	3	0.7	5.1
	06	3	1.0	5.2
	12	3	0.9	5.1
	18	3	0.9	5.3
09	00	3	0.8	5.1
	06	3	0.8	5.3
	12	1	0.1	1.8
	18	3	0.9	5.5
10	00	3	0.9	5.4

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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10	06	3	0.9	5.2
	12	1	0.4	2.8
	18	3	0.9	5.1
11	00	3	0.9	5.1
	06	3	1.0	5.5
	12	3	1.0	5.5
	18	3	1.0	5.4
12	00	3	1.0	5.6
	06	3	0.7	5.4
	12	3	0.7	6.6
	18	3	0.9	6.1
13	00	3	0.6	6.3
	06	1	1.3	5.7
	12	1	1.3	5.6
	18	1	1.4	5.8
14	00	1	1.4	5.7
	06	1	1.6	5.6
	12	1	1.6	5.8
	18	1	1.7	5.6
15	00	1	1.5	5.5
	06	1	1.4	5.3
	12	1	1.5	5.5
	18	1	1.6	5.5
16	00	1	1.5	5.8
	06	1	1.5	5.5
	12	1	1.5	5.5
	18	1	1.5	5.7
17	00	1	1.4	5.5
	06	1	1.5	5.6
	12	1	1.0	5.0
	18	1	1.0	4.9
18	00	1	1.0	5.0
	06	1	0.9	4.9
	12	1	1.0	5.0
	18	1	0.8	4.6
19	00	1	0.8	4.2
	06	3	0.8	3.9
	12	3	0.7	4.3
	18	3	0.8	4.5
20	00	3	0.7	4.7
	06	3	0.7	3.8
	12	3	0.8	4.4
	18	3	0.8	4.3
21	00	3	0.9	4.5
	06	3	0.8	4.9
	12	3	0.8	4.9
	18	3	0.9	4.9

JULY, 1969

- 34 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN period in sec.
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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : VISAKHAPATNAM

STATION : VISAKHAPATNAM

22	00	3	0.8	4.8
	06	3	1.5	5.4
	12	3	1.4	5.3
	18	3	1.5	5.2
23	00	3	1.4	4.9
	06	3	0.9	5.4
	12	3	1.0	5.5
	18	3	0.9	5.0
24	00	3	0.9	4.9
	06	3	0.8	5.6
	12	3	0.9	4.8
	18	3	0.8	5.2
25	00	3	0.8	5.0
	06	3	1.0	5.5
	12	3	0.9	5.5
	18	3	0.9	5.5
26	00	3	0.9	5.5
	06	3	0.8	5.0
	12	3	0.9	5.2
	18	3	0.7	5.3

27	00	3	0.5	5.1
	06	3	0.9	4.5
	12	3	1.0	4.4
	18	3	1.0	4.3
28	00	3	0.9	4.4
	06	1	1.6	4.7
	12	1	1.7	4.8
	18	1	1.7	5.0
29	00	1	1.8	4.9
	06	1	1.7	5.0
	12	1	1.7	4.9
	18	1	1.7	4.9
30	00	1	1.6	4.6
	06	1	1.4	4.8
	12	1	1.3	4.8
	18	1	1.4	4.8
31	00	1	1.3	4.5
	06	1	1.0	4.4
	12	1	0.9	4.5
	18	1	1.3	4.4

RANA/



GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

SEISMOLOGICAL BULLETIN

AUG 1969

SEP 1969

PUBLISHED UNDER THE DIRECTION OF

Dr. P. KOTESWARAM

DIRECTOR GENERAL OF OBSERVATORIES



GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

SEISMOLOGICAL BULLETIN

1954

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DR. P. KOTLISWARAN

DIRECTOR GENERAL OF OBSERVATORIES

LIST OF SEISMOGRAPH STATIONS WITH THEIR INSTRUMENTS AND CONSTANT

Station andaabre- viation.	Lat. °N	Long. °E	Height a.s.l. metres	Lithographic foundation	Instrument	Com- pon- nent	Period		V. max.	Damping constant		Paper speed mm/min.	
							T ₀ in sec.	T _g g		h ₁	h ₂		
Bhakra BHK	31.25	76.25			Electromag- netic (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 BOK	23.47	85.53	Rock	Press-Ewing	Z	15	100	-	-	-	1	15	
					N	15	100	-	-	-	1	1	15
					E	15	94	-	-	-	1	1	15
					E	7.3	7.3	5000	-	-	1	1	30
					N	0.8	940	950	1	1	30		
Bombay BOM	18.54	72.49	Deccan Trap	Milne Shaw	N	12		250	0.7	0.7	8		
					E	12		250	0.7		8		
					E	7.3	7.3	5000	1	1	30		
Calcutta CAL	22.32	88.20	Alluvium	Milne-Shaw Omori-Ewing	Z	1.0	0.2	-	1	1	30		
					E	1.0	87.0	-	-	-	1	60	
					E	12		250	0.7		8		
Chatra CHA	26.50	87.10	Sand Stone	Sprengnether Beni off Wood-Anderson Milne-Shaw	E	12		250	0.7		8		
					E	19		30			25.4		
					N	15		32			25.4		
					N	7.0	7.0	1000	-	-	30		
					Z	0.72	0.45	-	-	-	60		
					N	0.8		1000	1	1	30		
Delhi NDI	28.41	77.12	Massive Quartzite	Wenner Accelerograph Sprengnether Wood-Anderson Milne-Shaw Beni off (SP)	E	0.8		1000	1	1	30		
					N	0.8		1000	1	1	30		
					N	12		250	0.7		8		
Delhi NDI	28.41	77.12	Massive Quartzite	Wenner Accelerograph Sprengnether Wood-Anderson Milne-Shaw Beni off (SP)	ZNE	0.1		50	0.6		600		
					E	7.6	7.6	5000	1	1	30		
					E	0.8		1000	1	1	30		
					N	0.8		1000	1	1	30		
					N	1.0		250	0.7		8		
Delhi NDI	28.41	77.12	Massive Quartzite	Wenner Accelerograph Sprengnether Wood-Anderson Milne-Shaw Beni off (SP)	Z	1.0	0.79	50K (for TE=1		1	60		
					N	1.0	0.75	50K (TE=1			60		
					E	1.0	0.73	50K (sec.			60		
Delhi NDI	28.41	77.12	Massive Quartzite	Wenner Accelerograph Sprengnether Wood-Anderson Milne-Shaw Beni off (SP)	Z	15	100	1500	15	15	30		
					N	15	100	1500	15	15	30		
					E	15	100	1500	15	15	30		

Dehra Dun DDI	30.19	78.03	682	Gravel	Wilson-Lamison Wood-Anderson	Z N E N	1.3 0.8 0.8 12	1.3	-	970 1000 250	1 1 1 0.7	1	60 30 30 8									
Goa GOA	15.29	73.49		Laterite	Sprengnether	Z E N N	1.5 7.4 7.5 12	1.5	-	5000 5000 250		1 1 1 0.7	30 30 30 8									
Hyderabad HYD	17.26	78.27	536	Granite	Milne-Shaw	E N N	12			250	0.7	1	8									
Kodaikanal KOD	10.14	77.28	2345	Rock	Benioff (SP)	Z N N E	1.0 1.0 1.0 1.0	0.75	50K	50K	1	1	60									
					Sprengnether	Z N E	15 15 15	100	1500	1500	1	1	30									
					Milne-Shaw	E E E	12 15 15	100	1500	1500	0.7	1	8									
Madras MDR	15.00	80.11	15		Sprengnether	E Z	7.4 1.5	7.4		250	0.7	1	30									
Poona POO	18.32	73.51	560	Deccan Trap	Benioff (SP)	Z N E Z	1.0 1.0 1.0 1.0	0.75	50K	50K	1	1	60									
					Sprengnether (LP)	Z N E Z	15 15 15 15	100	1500	1500	1	1	30									
Portblair PBA	11.40	92.43			Milne-Shaw Wood-Anderson	E N E N	2.0 1.2 1.2	100	890	840	0.7	1	30									
Sehore SEH	25.10	77.05			Benioff Wood-Anderson	Z N E	1.2 0.8	1.5	860	950	1	1	30									
Shillong SHL	25.54	91.53	1600	Quartzite Sandstone (Shillong Quartzite)	Benioff (SP) Sandstone	Z N E	1 1 1	0.75	200K	200K	1	1	60									
					Press Diving (LP)	Z N E Z	12 15 15	100	5000	5000	1	1	15									
					Sprengnether	E N E E	6.7 15 15	100	3000	3000	1	1	15									
					Milne-Shaw	E N	12	6.7	2600	250	1	1	30									
					Wenner Accelerograph	Z N E	0.1	nearly	50	50	0.6	1	600									
Tocklai TOC	26.45	94.46		Alluvium	Wood-Anderson	E	0.8		1000		1	60										
Trivandrum TRD	8.29	76.57		Decomposed Lateriate	Sprengnether	E	7.1	7.1	2500		1	30										
Visakhapatnam VIS	17.43	83.18			Sprengnether Wood-Anderson Electromagnetic (SP) Milne-Shaw	E N Z N	7.0 0.8 1.65 12	7.0	5000 1000 6000 250		1 1 1 0.7	1	30 30 30 12									

(ii)

AUGUST, 1969

- 1 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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01	TRD	e	00 30 00		ContdDepth=21 Kms KURILE ISLANDS					
01	NDI	e	05 14 28		MB= 5.3 Ms=5.7 (CGS)					
01	NDI	i	12 23 51		SHL	iP	00 43 18		C	
01	SHL	iP	15 14 46	DW	CHA	iP	00 43 40		D	
01	NDI	i	17 49 01		DDI	iP	00 44 09.1		C	
01	NDI	eP	19 22 04	D	NDI	iP	00 44 18.5		C	
01	SHL	ePg eSg	22 22 26 22 43	1.2	MDR	eP	00 45 12			
01	EPC: 45.6N, 150.9E. H= 23h 43m 44.9s (USCGS) KURILE ISLANDS Depth= 38 Kms Mag= 5.6 (CGS) Ms=5.9(CGS) Mag= 5.8(PAS) 5 $\frac{3}{4}$ -6 (GOL)					POO	eP	00 45 18		
	TOC	eP	23 52 27		KOD	iP	00 45 38.2		DE	
	SHL	iP	23 52 41	CS 50.5	02	SHL	iP	01 22 35		C
		iS	00 00 08		02	NDI	e	01 23 35		
	CHA	iP	23 53 03	C 53.3	02	NDI	iP	02 50 05.5		C
		eS	00 00 28		02	EPC: 6.5 S, 146.9 E. H= 04h 30m 29.2s (USCGS) EAST NEW GUINEA REGION FELT AT LAE Depth= 17 Kms Mag=5.3				
	BOK	iP	23 53 22	CSW56.0	SHL	eP	04 40 52		D	
		S	00 01 09		KOD	iP	04 41 52		C	
		PPS	01 29		NDI	eP	04 42 14			
	DDI	iP	23 53 32	C 57.4	POO	eP	04 42 19			
		i	00 01 29		02	EPC: 5.6 S, 104.5 E. H= 04h 43m 50.9s(USCGS) SOUTHERN SUMATRA Depth= 79 Kms Mag= 5.4 (CGS)				
	BNS	eP	23 53 37	58.0	MDR	eP	04 49 59			
		eS	01 45		SHL	iP	04 50 23		C	
	NDI	iP	23 53 42.0	C 59.0	CHA	eP	04 50 51			
		i	53 44		POO	eP	04 51 08			
		S	00 01 48		NDI	iP	04 51 45		CN 43.0	
		PS	02 06			eS	58 05			
		ScS	03 26		02	NDI	e	06 14 09		
	VIS	iP	23 53 56	C 61.0	02	BOK	iP	08 30 36		
		iPcP	54 20		02	BOK	iP	09 53 27		
		ePP	56 30		02	EPC: 43.5 N, 151.0 E. H= 10h 17m 54.1s (USCGS) KURILE ISLANDS Depth= 38Kms Mag=4.9 (CGS)				
		ePPP	57 56		SHL	iP	10 26 53		C	
		eS	00 02 35		DDI	eP	10 27 44			
		ePS	03 05		NDI	iP	10 27 53		C	
		ePPS	03 15		02	SHL	iPn	13 41 02	D 1.7	
	MDR	eP	23 54 38	67.0		iSn	41 23			
		eS	03 29		02	NDI	e	17 49 53.4	C	
	POO	eP	23 54 40		02	CHA	iP*	18 42 29.2	D 1.1	
	BOM	iP	23 54 46	C						
	KOD	iP	23 55 01.0							
02	CAL	eS	00 01 18							
02	EPC: 45.3 N, 151.1 E. H= 00h 34m 16.9s (USCGS)									

AUGUST, 1969

DATE STN PHASE H. M. S.				△ Deg.	DATE STN PHASE H. M. S.				△ Deg.
Cont	PP	42	36.6		03	EPC: 45.4N, 151.8 E.			
	PPP	42	42.8			H= 07h 48m 11.4s (USCGS)			
	S*	42	44.5			KURILE ISLANDS Depth= 13 Kms.			
						Mag= 5.3Ms= 4.9 (CGS)			
02	EPC: 2.6 S, 126.6 E.					SHL iP	07 57 18	CSW	
	H= 20h 12m 44.4s (USCGS)					CHA iP	07 57 39	C	
	CERAM SEA Depth= 28 Kms.					DDI iP	07 58 08	C	
	Mag= 5.6 (CGS)					NDI iP	07 58 18	CW	59.4
	SHL iP	20	20 50	CW		eS	08 06 26		
	CHA iP	20	21 25	C		POO eP	07 59 16		
	MDR e	20	21 29			KOD iP	07 59 36.0	C	
	KOD eP	20	21 45	D	03	SHL iP	15 45 57	C	3.2
	SEH iP	20	22 15	D		eS	46 27		
	POO eP	20	22 23		03	POO ePg	16 23 00		1.1
	NDI iP	20	22 27	C		eSg	23 16		
	DDI iP	20	22 29	C	03	SHL eP	20 11 06		2.7
02	PBA iP*	21	19 05	D	1.5	eS	11 41		
	iS*	19	26						
	SS	19	35			04	NDI iP	00 27 05.3	C
	SSS	19	47			04	SHL eP	00 46 31	
02	PBA iP*	21	27 05	D	1.0	04	NDI eP	02 06 04	
	PP	27	13			04	KOD iP	03 00 13.0	CE
	iS*	27	19				NDI i	03 01 19	
	SS	27	31			04	SHL eP	03 05 24	
03	EPC: 4.2 S, 153.0 E.					04	NDI iP	08 00 13.0	C
	H=00h 22m 32.0s (USCGS)					04	EPC: 51.4 N, 179.6 W. H= 10h		
	NEW IRELAND REGION FELT IN						23m 28.9s (USCGS) ANDREAN OF		
	RABAU-KIE A AREA Depth= 41 Kms,						ISLANDS, ALEUTIAN IS, FELT ON		
	Mag= 5.3 (CGS) Mag= 5.6 (PAS)						AMCHITKA Depth= 41 Kms, Me= 5.3		
	SHL iP	00	33 15	CW			Me= 5.2 (CGS) Mag= 5.1 (PAS),		
	CHA iP	00	33 44	C			5 1/4 - 5 1/8 (GOL)		
	BOK iP	00	33 46	CW			SHL iP	10 34 35	CSW
	MDR eP	00	34 04		89.6		CHA iP	10 34 49	C
	eSS	44	54				DDI iP	10 35 03	C
	KOD iP	00	34 19.0	C			NDI iP	10 35 11	C
	DDI eP	00	34 31				eS	44 48	75.3
	NDI iP	00	34 33.0	CSW	79.		POO eP	10 36 04	
	eS	44	31			04	SHL eP	13 00 03	
	POO eP	00	34 42			04	CHA iP	14 34 12	D
03	POO ePg	03	55 09.5		1.1	04	NDI e	15 36 31	
	eSg	55	24			04	EPC: 5.6 S, 125.3 E H= 17h 19m		
							19.6s (USCGS) BANDA S A		
03	EPC: 24.9 N, 123.2 E.						Depth= 521 Kms Mag= 6.2 (CGS)		
	H= 04h 19m 41.4s (USCGS)						PBA iP	17 25 45	DE
	SOUTHWESTERN RYUKYU ISLANDS						iS	30 48	37.0
	Mag= 6.2 Kms, Mag= 5.3 (CGS)						TOC iP	17 26 47	44.8
	SHL iP	04	25 29	D			eS	31 37	
	CHA iP	04	26 10	C			SHL iP	17 26 49	45.0
	NDI iP	04	27 19	D					
	PPP	29	16						

AUGUST, 1969

DATE	STN	PHASE	H.	M.	S.	▲ Deg.
Contd.	PP		28	44		
	eS		32	42		
	sS		35	40		
	SS		36	20		
CAL	iP		17	26	57	SE 46.0
	eS		33	01		
	sS		35	55		
	SS		36	41		
VIS.	iP		17	27	11	CW 41.1
	pP		28	53		
	iS		33	25		
	esS		36	28		
	SS		37	09		
BOK	iP		17	27	16	DSE 48.6
	PP		29	22		
	S		33	30		
MDR	iP		17	27	17	D 48.6
	pP		28	59		
	PP		29	19		
	iS		33	30		
CHA	iP		17	27	23	DSE 49.5
	eS		33	47		
TRD	iP		17	27	29	E 50.4
	pP		29	19		
	iS		34	01		
KOD	iP		17	27	30	DS 50.5
	iS		34	00		
BNS	iP		17	27	57	54.0
	iS		34	48		
GOA	eP		17	28	04	55.3
	pP		29	54		
	eS		35	05		
SHH	iP		17	28	08	C 48.5
	eS		35	09		
POO	iP		17	28	11.0	D 49.1
	PP		29	56		
	iS		35	16		
BOM	iP		17	28	19	DSE 57.3
	pP		30	05		
	PP		30	36		
	iS		35	31		
NDI	iP		17	28	20	DSE 57.4
	pP		30	06		
	PP		30	40		
	iS		35	33		
	sS		38	48		
DDI	iP		17	28	23	D 58.0
	iS		35	36		
BHK	iP		17	28	33	D 59.5
	iS		36	00		

DATE	STN	PHASE	H.	M.	S.	▲ Deg.
04	NDI	eP	17	57	42	
04	EPC: 26.9 S, 70.9 W. H= 21h 50m 02.3s(USCGS) NEAR COAST OF NORTHERN CHILE. Depth= N, Mag= 5.3 Ms= 5.3 (CGS)					
	KOD	iPKP	22	09	42.3	CW
	POO	ePKP	22	09	43.5	
	NDI	ePKP	22	09	50	
	MDR	ePKP	22	09	51	
	SHL	ePKP	22	10	05	C
04	SHL	iP	22	13	43	DSW
04	NDI	eP	22	16	28	12.2
		eS		18	46	
04	CHA	iB	22	29	30	D
04	NDI	eP	22	52	04	C 8.6
		iS		53	45	
05	EPC: 1.3 N, 126.2 E. H= 02h 13m 09.6s (USCGS) MALUCCA PASSA SE, FELT AT MANADO, CELEBES. Depth= 34 kms Mag= 6.1 Ms= 7.0 (CGS) Mag= 7.2 (ISC)					
	PBA	iP	02	20	09	D 36.0
		iS		25	44	
	TOC	eP	02	20	44	
	SHL	iP	02	20	51	CNW
	CAL	eP	02	21	10	43.3
		PPP		23	25	
		iS		27	35	
		SS		30	44	
	VIS	iP	02	21	26	DE 45.3
		iPP		23	08	
		iPPP		23	56	
		iS		28	04	
		iPS		28	15	
	CHA	eP	02	21	30	DS 40.8
		S		28	15	
	MDR	iP	02	21	39	C 46.9
		PP		23	27	
		iS		28	25	
		SP		28	32	
	BHK	eP	02	21	31	
	KOD	iP	02	21	57	DSE
	TRD	eP	02	21	58	49.2

AUGUST, 1969

- 4 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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Contd	iS		29 00		05	SHL	eP	09 27 10	
	SS		32 24			POO	eP	09 28 11	
GOA	GOA	eP	02 22 32	54.0	05	NDI	e	12 34 27	
	PP		24 36		05	EPC: 1.3N, 126.4E. H= 13h 03m 23.3s (USCGS) Depth=18 Kms. Mag= 5.2 Ms= 5.4 (CGS)			
	PP		25 47			SHL	eP	13 11 07	
	eS		30 08			BOK	eP	13 11 57	47.0
	DDI	iP	02 22 32	54.0		eS		18 46	
	eS		30 08			KOD	iP	13 12 17.0	D
	NDI	iP	02 22 32.0	C 54.0		NDI	iP	13 12 50	C 54.0
	iS		30 09.0			eS		20 30	
	POO	eP	02 22 34	54.1	05	EPC: 5.2S, 153.8E H= 16h 32m 25.8s (USCGS) NEW IRELAND REGION FELT IN RABAU-KEETA AREA. Depth=69 Kms. Mag=5.4(CGS)Mag.6-6½ (BRK)			
	eS		30 10			SHL	iP	16 43 16	67.3
	BOM	eP	02 22 43	55.5		iS		52 10	
	PP		24 47			TOC	eP	16 43 39	
	e		25 24			CHA	iP	16 43 46	CW 72.0
	iS		30 24			S		53 04	
	PSP		30 35			BOK	iP	16 43 47	CNW 72.2
	PPS		30 51			S		53 06	
	SS		34 08			VIS	iP	16 43 53	C 73.5
	BHK	eP	02 22 48	56.0		ePP		46 43	
	eS		30 34			iS		53 20	
05	KOD	iP	02 50 31.2	CE		BNS	eP	16 44 06	
	NDI	iP	02 50 44.5	C		MDR	iP	16 44 06	75.7
	i		50 51.0			PP		46 56	
05	CHA	iPg	02 56 41.3	C 0.6		PPP		48 47	
	Sg		56 49.8			iS		53 42	
05	EPC: 1.2N, 126.3E. H= 03h 20m 52.4s (USCGS) MOLUCCA PASSAGE, Depth= 47 KMS. MB= 5.1 (CGS)						SP		54 19
	SHL	iP	03 28 32	DE		KOD	iP	16 44 18.0	77.3
	NDI	eP	03 30 13			eS		54 08.0	
05	EPC: 1.3N, 126.3E. H= 06h 51m 32.8s (USCGS) MOLUCCA PASSAGE, Depth= 37 Kms, Mag= 5.2 (CGS)						PS		54 56
	SHL	iP	06 59 14	DE		PPS		55 07	
	KOD	iP	07 00 23			TRD	eP	16 44 27	78.5
	NDI	eP	07 00 54			eS		54 12	
05	NDI	ePn	09 24 07	3.4		DDI	eP	16 44 32	
	iPg		24 19			NDI	iP	16 44 33	CNW 80.4
	iSn		24 50			PP		47 38	
	iSg		25 07			iS		54 37	
	CHA	eP	09 24 40.1	4.4					
	iS		25 32.1						

AUGUST, 1969

DATE	STN	PHASE	H.	M.	S.	Mag.	Δ Deg.
08	NDI	iP	05	13	53.0		
08	NDI	eP	05	21	40		
	i	i		31	56		
	e	e		32	13		
08	SHL	iP	05	54	07		C
EPC: 36.4N, 70.9E, H= 06h 30m 57.1s (USCGS) HINDU KUSH REGION, Depth= 198Kms. Mag= 5.8 (CGS)							
	BHK	iP	06	32	24		6.6
	iS	iS		33	48.0		
	DDI	iP	06	32	57		8.5
	iS	iS		34	28		M= 7.5
	NDI	iP	06	33	07		DNW 9.1
	iS	iS		34	45.0		
	SS	SS		34	57.0		
	SEH	iP	06	34	10		D 14.1
	iS	iS		36	39		
	BMS	iP	06	34	25		DW 15.1
	eS	eS		37	04		
	CHA	iP	06	34	43		DNW 16.5
	S	S		37	36		
	BOM	iP	06	34	52		DN 17.7
	PP	PP		35	06		Felt in North India
	iS	iS		36	04		
	SS	SS		36	38		
	BOK	iP	06	34	56		DNW 18.0
	PP	PP		35	20		
	S	S		38	03		
	PGO	eP	06	34	58		18.3
	eS	eS		36	14		
	CAL	eP	06	35	26		21.1
	iS	iS		39	07		
	SHL	iP	06	35	26		CE 21.1
	iS	iS		39	08		
	VIS	iP	06	35	53		DW 21.8
	iPP	iPP		36	09		
	PP	PP		36	15		
	iS	iS		39	19		
	iSS	iSS		39	55		
	SS	SS		40	17		
	TOC	eP	06	35	39		22.0
	eS	eS		39	26		
	MDR	iP	06	36	04		DW 25.0
	PP	PP		36	43		
	iS	iS		40	12		

DATE	STN	PHASE	H.	M.	S.	Mag.	Δ Deg.	
08	KOD	iP	06	36	22.0		CS 27	
	iS	iS		40	41.0			
	TRD	eP	06	36	37		01E 30	
	PBA	iP	06	37	05		D	
08	NDI	iP	08	44	27.7		CNE 0.22	
	iS	iS		44	30.6		M= 2.8	
08	SHL	iP	10	00	00		D	
	NDI	iP	10	01	15			
Epc: 7.7S, 15.8W, H= 11h 08m 14.8s (USCGS) SOUTH ATLANTIC RIDGE, Depth= N. Mag= 5.9 Ms= 6.0 (CGS) MAG= 5.9 (PAS)								
	SHL	eP	11	27	02		115.0	
	BOK	ePP	11	27	27			
	PS	PS		37	36			
	eSS	eSS		44	54			
08	MDR	e	11	32	66			
08	NDI	iP	14	08	30.3		CNE 0.21	
	iS	iS		08	42.3		M= 2.6	
08	CHA	eP	14	22	03			
08	Epc: 26.6S, 70.8W, H= 16h 10m 59.3s (USCGS) NEAR COAST OF NORTHERN CHILE, Depth= 34 Kms, Mag= 4.8 Ms= 5.0 (CGS)							
	KOD	iP	16	30	39		C	
	NDI	ePP	16	30	42			
08	NDI	iP	19	01	44.5		CE 0.21	
	iS	iS		01	47.3			
08	Epc: 6.1S, 129.7E, H= 20h 44m 21.0s (USCGS) BANDA SEA, Depth= 196Kms. Mag= 5.9 (CGS) Mag= 6 (PAS), 3 (COL)							
	PBA	iP	20	51	46		40.8	
	eS	eS		57	42			
	TOC	eP	20	52	34		47.0	
				59	14			
	SHL	iP	20	52	45		C 48.0	
	iS	iS		59	26			
	VIS	iP	20	53	10		DE 51.5	
	iS	iS		21	00			
	iSS	iSS		03	42			
	BOK	iP	20	53	14		DE 52.2	
	S	S		21	00			

AUGUST, 1969

- 7 -

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DATE	STN	PHASE	H.	M.	S.	△	DATE	STN	PHASE	H.	M.	S.	△	
						Deg							Deg.	
	MDR	eP	20	53	17	C	52.6		NDI	eP	16	34	14	
		pP		53	57				CHA	iP	16	35	18	D
		iS	21	00	28			09	NDI	eP	21	42	40	11.0
		SS		01	53					eS		44	45	
	CHA	iP	20	53	18	DS	52.7	09	SHL	iP	23	31	14	C
		S		21	00	28		10	POO	ePg	01	07	26	
	KOD	eP	20	53	31	C	54.4	10	CHA	iP	01	08	47.3	C 1.8
	BNS	iP	20	53	37		55.3			S		09	10.5	
		iS	21	02	00			10	* Epc: 22.0N, 94.4E. H= 05h 02m 00.7s (USCGS) BURMA. Depth=N, Mag= 4.9 (CGS)					
	TRD	eP	20	53	55		58.0		SHL	iP	05	03	13	DSE
		iS	21	01	36				TCC	eP	05	03	23	5.5
	SEH	iP	20	54	01		58.7			eS		04	28	
		eS	21	01	50				BOK	eP	05	04	04	
		SP		02	00				CHA	eP	05	04	07	D 8.0
	POO	eP	20	54	10.0		60.0			eS		05	36	M
		eS		02	02				VIS	eP	05	04	44	11.0
	NDI	iP	20	54	16	CNW	61.0			eS		06	38	
		iS	21	02	15				MDR	eP	05	05	54	
	BOM	eP	20	54	16					e		08	34	
		eS	21	02	15				NDI	iP	05	06	02.0	C 15.3
	DDI	iP	20	54	17.3	C	61.1			eS		08	53	
		iS	21	02	17.0				POO	eP	05	06	32	
		eSS		03	37.1				KOD	iP	05	06	36.0	DW
	BHK	eP	20	54	38				KOD	eS	05	10	04.3	
08	NDI	e	21	23	25			10	NDI	eP	15	47	27	
		e		23	35			10	POO	ePg	17	41	28	1.2
09	BOM	e	03	54	38					eSg		41	44.5	
09	SHL	iP	05	30	15	C		10	SHL	eP	20	31	28	
09	SHL	iP	11	32	49	D		10	CHA	iPg	21	24	26.7	C 0.8
09	SHL	iP	13	41	03	D				Sg		24	36.9	M= 3½
09	Epc: 4.6N, 62.5E. H= 13h 40m 01.1s CARLSBERG RIDGE Depth= N, Mag= 5.2 (CGS)								SHL	eP	21	25	25	
	KOD	eP	13	43	42.0				NDI	eP	21	26	52	
	POO	eP	13	44	09			11	NDI	iP	01	11	20.5	DE
	MDR	eP	13	44	27	CE	19.5	11	DDI	eP	03	01	32.2	
		eS		40	06					i		02	10.9	
	NDI	eP	13	45	50				NDI	e	03	01	57	4.02
09	TRD	e	13	47	31					ePn		02	07.5	
09	BOK	e	13	51	11					eSn		02	56	
09	CHA	eP	13	56	12				NDI	eP	02	58	13	
09	SHL	iP	16	29	53	C		11		i		58	25.5	
09	Epc: 42.4 N, 194E. H= 16h 25m 35.2s (USCGS) YUGOSLAVIA, FRONT AT TITOGRAD Depth= 25km Mag= 5.0 (CGS).								BOM	e	03	59	45	

AUGUST, 1969

-48-

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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11	Epc: 23.6S, 68.4W. H= 03h 43m 49.8s (USCGS) NORTHERN CHILE, Depth=105Kms. Depth= 4.7 (CGS)					DDI	eP	21 37 06	C	55.7
	KQD	iP	04 03 17.0	CNE		BNS	eP	21 37 07		55.8
	NDI	e	04 03 23				eS	44 58		
11	CHA	eP	09 54 21			BHK	eP	21 37 07		56.0
							eS	45 00		
11	GHA	iP	17 27 27	C		PBA	eP	21 37 12		57.0
							eS	45 08		
11	CHA	eP	19 59 48			NDI	eP	21 37 16		57.2
							eS	45 17		
11	NDI	eP	21 17 43			BOK	eP	21 37 02	CSW	54.3
							eS	44 31		
11	NDI	eP	21 31 34			BNS	eP	21 37 07		55.8
							eS	44 58		
11	Epc: 43.4 N, 147.9 E. H= 21h 26m 37.6s (USCGS) KURILE ISLANDS Depth= 43 Kms. Mag=5.7 (CGS) FELT AT MEMURU. THIS event which was preceded by at least 5 Teleseismic shocks in 25 hours was the initial shock of a series of clustered quakes of successively large magnitude which occurred with in an interval of about 63 seconds.					BHK	eP	21 37 07		55.8
							eS	45 00		
						PBA	eP	21 37 12		56.8
							eS	45 08		
						NDI	eP	21 37 16		57.2
							eS	45 17		
						VLS	eP	21 37 37		60.0
							eS	45 49		
						SEH	eP	21 37 41		
							eS	46 00		
11	SHL	iP	21 35 16	CSW		MDR	eP	21 38 08		
	CHA	eP	21 35 40							
	DDI	eP	21 36 13			BOM	eP	21 38 16		66.8
	BNS	eP	21 36 14				eS	47 08		
	PBA	eP	21 36 22			POO	eP	21 38 18		
	NDI	eP	21 36 23	CSW		TRD	eP	21 38 46		70.8
	SEH	eP	21 36 48				eS	48 00		
	MDR	eP	21 37 14		11	KOD	i	23 00 37.0	D	
	POO	eP	21 37 21		11	EPC: 44.0N, 148.3E -H = 22h 54m 00.4s (USCGS) Depth = 59 Km, KURILE ISLANDS Mag. 5.4 (CGS)				
	KOD	eP	21 37 40	CSW		CHA	iP	23 03 01	C	
11	Epc: 43.6 N, 147.8 E. H= 21h 27m 25.8s (USCGS) KURILE ISLAND Depth= 14Kms. Mag= 5.9(CGS)					POO	iP	23 04 43.5	C	
	TOC	eP	21 35 58			KOD	iP	23 05 03.0	CE	
	CHA	eP	21 36 39	52.0						
			43 59			11	CHA	iP	23 08 22	D
	CAL	eP	21 36 50							
	BOK	eP	21 36 56	CSW	54.3					
		eS	44 31							

AUGUST, 1939

DATE STN PHASE H. M. S. Deg.

DATE STN PHASE H. M. S. Deg.

11 Epc: 43.4N, 147.6E H= 23h
02m 53.8s (USCGS) KURILE
ISLANDS Depth= N, Mag=5.5(CGS)

Depth = 34Kms, Mag= 5.1 Ms=7.0 (CGS)

CHA iP 23 12 01 D
PBA iP 23 12 39 D
NDI eP 23 12 41
MDR e 23 13 33
POO eP 23 13 39
KOD iP 23 13 59.0 D

CHA iP 00 01 10 C
VIS iP 00 01 13 CE
MDR iP 00 01 27 C
KOD iP 00 01 44.0 D
SEI iP 00 02 08 D
NDI eP 00 02 15 DNE 53.0
IS 09 45 M= 7.2
POO eP 00 02 18

11 NDI eP 23 21 29

BOM eP 00 02 27

11 Epc: 43.4 N, 147.5 E. H= 23h
21m 43.1s (USCGS) KURILE
ISLANDS Depth= N, Mag=5.2(CGS)

BHK eP 00 02 30.0 55.5
eS 10 13.0

CHA iP 23 30 48 C
KOD e 23 32 50

12 MDR i 00 03 55 C

12 NDI iP 00 35 32.6

11 EPC: 43.3 E, 148.0E. H= 23h
34m 08.4s (USCGS) KURILE
ISLANDS REGION, Depth= N,
Mag+5.1 (CGS)

12 Epc: 32.3N, 83.0W,
H= 00h 53m 45.0s (USCGS) TIBET
Depth=39Kms, Mag= 4.7 (CGS)

NDI eP 23 43 56
KOD iP 23 45 13.5 D

DDI eP 00 54 56.8
i 55 13.0
NDI eP 00 55 16 DNE 6.2
i 55 30
IS 55 28

11 Epc: 43.7 N, 147.8E. H= 23h
42m 03.5s (USCGS) KURILE
ISLANDS Depth= 43 Kms,
Mag= 5.6 (CGS)

12 CHA iP 00 55 21 D 11.0
S 57 26 M= 6

CHA iP 23 51 05 D
NDI eP 23 51 48
KOD iP 23 53 05.2 C

BHK eP 00 55 35
BNS eP 00 55 47
KOD iP 00 55 47 C
SEI eP 00 55 20

11 Epc: 43.7N, 147.9E H= 23h
48m 48.9s (USCGS) KURILE
ISLANDS Depth= N, Mag=5.3
(CGS)

POO eP 00 55 45
KOD i 00 58 45
12 KOD e 01 02 45

NDI eP 23 58 38
PLA iP 23 59 47 C 42.2
PP 00 01 35
PeP 01 37
PeP 03 03
SeP 06 15
IS 06 08

12 NDI iP 01 03 19.3 D

12 Epc: 1.7N, 126.5E H= 23h 52m
56.9s (USCGS) MOLUCCA PASSAGE
FELT AT MONADO, CELEBES

12 EPC: 43.5N, 147.2E. H= 01h 07m
07.3s (USCGS) KURILE ISLANDS
Depth= N, mag= 4.9 (CGS)

NDI eP 01 12 40
POO eP 01 13 58
KOD eP 01 14 17

AUGUST, 1969

- 10 -

 DATE STN PHASE H. M. S.

 △
 Deg.

 DATE STN PHASE H. M. S.

 △
 Deg.

MDR ePP 01 15 53

12 Epc: 44.0N, 148.1E. H= 01h 12m
 24.7s(USCGS)KURILE ISLANDS
 Depth=N, Mag= 4.8 (CGS)
 NDI eP 01 22 12

12 Epc: 43.0N, 147.7E H= 01h 28m
 22.0s(USCGS)KURILE ISLANDS
 Depth=N, Mag= 4.8 (CGS)
 NDI eP 01 38 12

12 Epc: 43.7N, 147.5E. H= 01h
 34m 57.4s(USCGS)KURILE ISLANDS
 Depth=N, Mag= 4.2 (CGS)
 NDI iP 01 44 43 D
 KOD ip 01 47 45 DW

12 Epc: 43.7N, 148.3E. H= 01h
 55m 56.0s(USCGS) KURILE
 ISLANDS REGION Depth= N,
 Mag= 4.7 (CGS)
 NDI eP 02 05 46

12 Poo eP 02 16 11

12 Epc: 43.8N, 148.4E. H= 02h
 19m 21.8s (USCGS)KURILE
 ISLANDS REGION Depth= 38Kms.
 Mag= 4.7 (CGS)
 NDI eP 02 29 11
 KOD iP 02 30 37 DW
 i 37 26.0

12 Epc: 1.7N, 126.3E. H= 02h 21m
 53.0s(USCGS)MOLUCCA PASSAGE
 Depth= 67Kms. Mag=5.0(CGS)
 NDI eP 02 31 03.1 D
 DDI iP 02 31 08 D

Epc: 1.7N,126.5N. H= 02h 28m42.1s
 (USCGS) MOLUCCA PASSAGE
 Depth= 52Kms, Mag=5.2 (CGS)
 NDI eP 02 37 59

12 Epc: 43.0 N, 147.2E.H= 02h
 34m 42.1s (USCGS)KURILE
 ISLANDS Depth=N,Mag=4.3(CGS)
 NDI eP 02 44 26

12 Epc: 43.9N, 148.3E.H=02h 36m
 51.5s(USCGS) KURILE ISLANDS

Region. Depth= N, Mag=5.1
 (CGS)
 DDI eP 02 46 20.7
 NDI eP 02 46 38 D 57.3
 eS 54 34

12 Epc: 44.6N, 148.5E.H=03h 09m
 08.7s(USCGS) KURILE ISLANDS
 Depth=N, Mag= 5.1 (CGS)
 NDI eP 03 13 55

12 Epc: 44.7N, 148.2E. H=03h
 18m 45.7s(USCGS)KURILE
 ISLANDS DEpth=N,Mag=4.2(CGS)
 NDI eP 03 28 30
 P00 eP 03 29 30

12 Epc: 43.1N, 147.6E.H=03h 33m
 37.2s (USCGS) KURILE ISLANDS
 Depth=N, Mag=5.5 (CGS)
 CHA eP 03 42 43 51.7
 eS 50 02

BOK iP 03 43 00
 eS 50 32

DDI iP 03 43 14.0 C

NDI eP 03 43 23 C 57.3
 eS 51 22

STH eP 03 43 49

P00 eP 03 44 23

BOM eP 03 44 41 69.0
 eS 53 36

KOD iP 03 44 41.0

MDR eP 03 44 16
 CAL i 03 50 28

12 Epc: 43.1N, 148.7E H=03h 58m
 19.9s(USCGS)KURILE ISLANDS
 REGION Depth=N, Mag=4.5(CGS)
 NDI iP 04 08 14 D

12 Epc:43.3N, 146.7E. H= 04h
 12m 52.2s(USCGS)KURILE
 ISLANDS Depth= 86 Kms.
 Mag= 4.8 (CGS)
 NDI eP 04 22 28

AUGUST, 1969

- 11 -

DATE STN PHASE H. L. S.		△ Deg.	DATE STN PHASE H. M. S.		△ Deg.
12	Epc=43.6N, 147.7E H=04h 26m 55.0s (USCGS) KURILE ISLANDS Depth = 66kms, Mag=4.2 (CGS)		BOK	iP 05 12 50 CSW 54.0 S 20 24 SP 20 34	
	NDI iP 04 36 37.0 D		DDI	iP 05 13 05 C 56 iS 20 51	
12	Epc= 43.8N, 147.9E H =04h 29m 08.7s (USCGS) KURILE ISLANDS Depth = N, Mag=4.4 (CGS)		BNS	iP 05 13 06	
	NDI eP 04 38 55		BHK	eP 05 13 08.4 56.4	
12	Epc= 43.0N, 147.8E H=04h 48m 25.1s (USCGS) KURILE ISLANDS Depth= N, Mag= 5.0 (CGS)		PBA	iP 05 13 13 C 57.1 eS 21 04	
	NDI iP 04 58 13 C		NDI	iP 05 13 15.0 CSW 57.5 e 18 42 iS 22 11	
	POO eP 04 59 11.0		SEH	iP 05 13 39 C	
	KOD eP 04 59 43		VIS	iP 05 13 52 63.0 eS 22 21 sP 22 38 PPS 22 58 eSS 26 30	
12	Epc= 43.3N, 147.5E H =04h 53m 36.5s (USCGS) KURILE ISLANDS Depth= N, Mag= 5.7 (CGS)		MDR	iP 05 14 08 C	
	CHA eP 05 02 37		POO	iP 05 14 13 C 66.2	
	NDI iP 05 03 22.0 D 57.2 eS 11 16		BOM	iP 05 14 16 C 66.5 pcP 14 43 oP 15 44 PcS 18 47 iS 23 11	
	SEH eP 05 03 46		KOD	iP 05 14 32.1 CSW 69.2 PP 17 06.0 i 19 59.5 iS 23 52.0	
	MDR iP 05 04 14 D		TRD	iP 05 14 41 W 70.6 PP 18 22 iS 23 53	
	POO iP 05 04 21				
	KOD iP 05 04 39 D				
12	Epc= 43.6N, 148.0E H = 05h 03m 26.9s (USCGS) KURILE ISLANDS REGION Depth=N, Mag= 6.0, MS=6.5(CGS)		12	Epc=43.7N, 148.5E H=05h 53m 28.7s (USCGS) KURILE ISLANDS REGION Depth= N, Mag= 5.4, MS=6.2(CGS)	
	TOC eP 05 11 55		CHA	iP 06 02 38 C	
	CHA iP 05 12 33 CSW 51.7 S 19 33		DDI	iP 06 03 07 C	
	CAL iP 05 12 48 53.7 iS 20 19		BHK	eP 06 03 13.0 57 eS 11 04.0	

AUGUST, 1969

12

DATE	STN	PHASE	H.	M.	S.	Mag.	
	NDI	NDI	06	03	18.0	CSW 57.8	
		IS		11	15		
	SEH	eP	06	03	42		
	MDR	eP	06	04	13		
	POO	eP	06	04	16		
	KOD	iP	06	04	35		
12		Epc: 43.1N, 147.5E, H= 06h 38m 49.0s (USCGS) KURILE ISLANDS Depth= N, Mag= 5.3 (CGS)					
	NDI	eP	06	48	35		
	KOD	iP	06	49	53	CW	
12		Epc: 43.1N, 147.0E, H= 06h 42m 55.5s (USCGS) KURILE ISLANDS Depth= N, Mag= 4.6 (CGS)					
	NDI	eP	06	52	41	D	
12		Epc: 42.9N, 146.7E, H= 06h 49m 30.3s (USCGS) OFF COAST OF HOKKAIDO, JAPAN Depth= 13 Kms Depth= 4.1 (CGS)					
	NDI	eP	06	59	12		
12		Epc: 43.2N, 147.6E, H= 07h 03m 45.2s (USCGS) KURILE ISLANDS Depth= N, Mag= 4.8 (CGS)					
	NDI	eP	07	13	32	D	
	POO	eP	07	14	17		
	KOD	iP	07	14	50	D	
12		Epc: 43.7N, 147.9E, H= 07h 10m 41.4s (USCGS) KURILE ISLANDS Depth= N, Mag= 5.3 (CGS)					
	CHA	iP	07	19	44		
	NDI	iP	07	20	29	DNE	
	POO	eP	07	21	28		
	KOD	eP	07	21	47		
12	BOM	ePg eSg	07	31	08 31 11	0.3	
12	NDI	eP	07	48	58 49 08		

DATE STN PHASE H. M. S. Mag. Deg.

12		Epc: 42.6N, 146.6E, H= 07h 54m 51.0s (USCGS) OFF COAST OF HOKKAIDO JAPAN Depth= 62 Kms, Mag= 4.7 (CGS)				
	NDI	eP	08	04	31	
	KOD	iP	08	05	49	D
12		Epc: 43.8N, 148.5E, H= 08h 04m 58.5s (USCGS) KURILE ISLANDS REGION Depth= 50, Kms, Mag= 4.6 (CGS)				
12		Epc: 43.7N, 148.4E, H= 08h 41m 50.0s (USCGS) KURILE ISLANDS REGION Depth= 33 Kms Mag= 4.5 (CGS)				
	NDI	eP	08	51	40	
12	TOG	ePg eSg	09	11	40 12 01	1.6
	CHA	iP eS	09	12	26.8 13 40.0	6.3
	BOK	iP	09	12	34	
	BOK	iP	09	13	50.0	
	NDI	eP eS	09	14	26 17 04	14.1
	MDR	eP	09	17	43	
12		Epc: 43.1N, 147.6E, H= 09h 25m 38.7s (USCGS) KURILE ISLANDS Depth= N, Mag= 5.3 Ms= 5.4 (CGS)				
	CHA	iP eS	09	34	45 42 12	6.2
	BOK	iP	09	35	00	53.8
	NDI	iP	09	35	25	57.2
	PP		09	37	30	
	eS		09	43	20	

AUGUST, 1969

-13-

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	MDR	eP	09	36	15	
	POO	eP	09	36	23	
	KOD	iP	09	36	43	
12	Epc: 43.6 N, 147.5E H= 09h 33m 43.2s (USCGS) KURILE ISLANDS Depth=34 Kms Mag= 5.6 (CGS)					
	DDI	iP	09	43	17	D
	NDI	iP	09	43	28	DNE 57.0
		eS		51	21	
	MDR	eP	09	44	21	
	POO	eP	09	44	26	
	KOD	iP	09	44	45	DE
12	BOM	e	10	02	-	
12	EPC: 43.9N, 148.7E. H= 11h 21m 21.6s(USCGS) KURILE ISLANDS REGION. Depth= 29 Kms, Mag=5.4 Ms= 6.3(CGS) Mag= 6(BRK)					
	TOC		11	29	53	
	SHL	iP	11	30	08	SW 49.1
		iS		37	12	
	CHA	iP	11	30	31	SW 52.1
		eS		37	55	
	BOK	iP	11	30	50	CSW 54.8
		S		38	30	
		SP		38	35	
	DDI	eP	11	31	01	
	BHK	eP	11	31	06.0	57.0
		eS		39	00.0	
	PBA	iP	11	31	28	60.0
		iS		39	40	
	NDI	iP	11	31	14	CSW 58.0
		iS		39	12	
		SSS		45	18	
	VIS	eP	11	31	28	60
		eS		39	40	
	SEH	iP	11	31	37	C
	MDR	iP	11	32	07	C 66.0
		eS		41	54	
	POO	eP	11	32	11	66.6
		eS		41	06	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	BOM	eP	11	32	14	67.0
		eS		41	10	
	KOD	iP	11	32	31	CW
	TRD	eP	11	32	40	71.2
		eS		41	56	
		PS		42	25	
		SS		46	33	
	CAL	e	11	38	30	
12	Epc: 43.2N, 147.6E. H= 11h 32m 24.3s (USCGS) KURILE ISLANDS Depth= 10Kms. Mag= 5.2 (CGS)					
	NDI	eP	11	42	14	
	KOD	eP	11	43	30	
12	Epc: 43.9N, 147.7E H=11h 56m 54.9s (USCGS) KURILE ISLANDS Depth= N, Mag= 5.0 (CGS)					
	NDI	iP	12	06	41.0	NE
12	Epc: 1.7N, 126.3E. H= 12h 21m 19.0s (USCGS) MOLUCCA PASSAGE, Depth= 30 Kms Mag= 5.8 (CGS)					
	TOC	eP	12	28	51	
	SHL	iP	12	28	59	CW
	VIS	iP	12	29	33	CW 45.0
		iPP		31	16	
		iS		36	08	
		eSP		36	16	
		SPP		36	22	
		SS		39	24	
	CHA	eP	12	29	34	
	MDR	iP	12	29	50	47.1
		iS		36	39	
		SP		36	47	
		SS		40	02	
	KOD	eP	12	30	07	
	BNS	eP	12	30	09	
	SEH	eP	12	30	31	
	POO	eP	12	30	40	
	NDI	eP	12	30	40	53.8
		eS		38	13	

AUGUST, 1969

-14-

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.M.	S.	Δ Deg.
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	DDI	iP	12	30	40.0	C	12	Epc = 44.5 N, 149.0E H = 15 h 28m 01.4s (USCGS) KURILE ISLANDS Depth = N, Mag = 4.7 (CGS)				
	BOM	eP	12	30	49			SHL iP 15 36 46 CS				
	BHK	eP	12	30	51.0			NDI eP 15 37 50 CS				
12	Epc = 42.9N, 147.8E H = 12h 31m 48.2s (USCGS) OFF COAST OF HONKAIDO, JAPAN Depth = 40 km Mag = 5.0(CGS)						12	NDI eP 15 59 45 C				
**	KOD	iP	12	42	53.0	D	12	SHL iP 16 13 42 DSW				
	SHL	iP	13	03	16	D	12	Epc = 43.7N, 147.9E H = 16h 43m 36.8s (USCGS) KURILE ISLAND Depth = 24 kms, Mag = 4.8 (CGS)				
	KOD	iP	13	04	57	C		NDI eP 16 53 26				
	NDI	eP	13	04	57		12	Epc = 43.5N, 148.2E, H = 17 2 08m 37.3s (USCGS) KURILE ISLANDS REGION Depth = N, Mag = 4.8 (CGS)				
12	Epc = 43.5N, 148.4E H = 13h 16m 35.5s (USCGS) KURILE ISLANDS REGION Depth = 33 kms Mag = 4.7 (CGS)						12	NDI eP 17 18 26				
	NDI	eP	13	23	25		12	NDI e 19 28 02				
12	Epc = 43.5N, 148.0E H = 13h 18m 08.2s (USCGS) KURILE ISLANDS REGION Depth = N, Mag = 5.6 (CGS)						12	NDI e 19 30 22				
	SHL	iP	13	26	51	CSW	12	NDI e 21 14 18				
	CHA	iP	13	27	14	C	12	Epc = 42.9N, 146.6E, H = 21h 16m 11.3s (USCGS) OFF EAST COAST OF HOKKAIDO? JAPAN, Depth = N, Mag = 5.4 (CGS)				
	NDI	iP	13	27	58	CSW 66.8		SHL iP 21 24 46 CSW				
		eS		35	50			CHA iP 21 25 10				
	MDR	eP	13	28	38			DDI iP 21 25 43 C				
	POO	eP	13	28	55			NDI iP 21 25 53.0 C				
	KOD	iP	13	29	14	C		MDR eP 21 26 45				
12	NDI	eP	13	33	06			POO iP 21 26 52 C				
12	NDI	e	13	34	51			KOD iP 21 27 10.0 C				
12	BOM	e	13	52	-		12	EPC: 1.7N, 126.2E H = 12h 55m 40.5s (USCGS) MOLUCCA PASSAGE Depth = 67Kms, Mag = 4.9(CGS)				
12	NDI	e	15	22	08.0							
12	NDI	e	15	22	20							
12	NDI	e	15	26	52							

AUGUST, 1969

-15-

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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12		Epc = 43.3N, 147.4E, H = 21h 56m 31.4s (USCGS) KURILE ISLANDS Depth 14 kms, Mag = 4.8 (CGS)			13	KOD	eP i	01 07 33.0 08 07.0	
	SHL	iP	22 05 14	D	13		Epc: 43.8 N, 148.7E. H= 02h 07m 07.3s KURILE ISLANDS REGION Depth= 35Kms, Mag= .4.8 (CGS)		
	NDI	eP	22 06 21			SHL	iP	02 15 53	C
12	NDI	e	22 28 55			NDI	eP eS	02 16 58 24 56	58.0
12		Epc = 43.3N, 147.7E, H = 23h 05m 57.1 (USCGS) KURILE ISLANDS Depth = N, Mag = 5.0, MS = 5.2 (CGS)				P00	eP	02 17 52	
	DDI	iP	23 15 34.0	C	13		Epc: 43.5N, 147.4E. H= 03h 29m 14.1s (USCGS) KURILE ISLANDS Depth= N, Mag= 5.5 (CGS)		
	NDI	eP	23 15 44			SHL	iP	03 37 53	DSW
	P00	eP	23 16 44			NDI	eP eS	03 38 58. 46 50	57
	MDR	eP	23 16 40			P00	eP	03 39 57	
	KOD	eP	23 17 01	E	13		Epc: 43.8N, 148.5E. H= 03h 47m 14.2s (USCGS) KURILE ISLANDS REGION Depth= N, Mag= 4.6 (CGS)		
12		Epc = 43.3N, 147.8E H = 23h 15m 48.9s (USCGS) KURILE ISLANDS Depth = N, Mag = 4.8 (CGS)				NDI	eP	03 57 05	
	SHL	iP	23 24 31	CNE		P00	eP	03 58 10	
	NDI	eP	23 25 37		13		Epc: 43.5N, 148.0E. H= 04h 28m 18.0s (USCGS) KURILE ISLANDS REGION Depth= N, Mag= 5.2 (CGS)		
	KOD	iP	23 26 55	D		SHL	eP	04 37 02	
12	CHA	iP	23 30 08	C		NDI	iP eS	04 38 06.0 46 02	D 57.5
12	BOM	e	23 44 -			P00	eP	04 39 05	
12	NDI	iP iS	23 58 52.0 00 00 12.0	C 6.9 M= 4.6	13	BOM	e	04 58 33	
	BHK	eP	00 00 00.0		13		Epc: 43.9N, 147.7E. H= 05h 54m 53.1s (USCGS) KURILE ISLANDS Depth= 34 Kms, Mag= 4.8 (CGS)		
	P00	eP	00 00 06.5			NDI	eP	06 04 38	
	CHA	iP	00 00 51	D	13		Epc: 43.8N, 147.7E. H= 06h 10m 27.3s (USCGS) KURILE ISLANDS Depth= 63Kms, Mag= 4.8 (CGS)		
13	DDI	eP i	00 37 04.6 37 43.6	C					
	NDI	eP	00 37 34.0						
13	P00	ePg eSg	01 04 35.5 04 52.5	1.2					
	BOM	ePn eSn	01 04 47 05 09	1.6					

AUGUST, 1969 - - - - - 16 - - - - -

DATE STN PHASE H. M. S. Δ
Deg.

DATE STN PHASE H. M. S. Δ
Deg.

NDI eP 06 20 09
 13 Epc: 43.1N, 147.0E. H= 07h
 24m 05.1s(USCGS) KURILE
 ISLANDS Depth= N,
 Mag= 4.7 (CGS)
 NDI eP 07 33 48
 POO eP 07 34 47
 KOD eP 07 35 07.8
 13 Epc: 44.0N, 147.7E. H= 08h
 31m 32.2s(USCGS) Depth= N,
 KURILE ISLANDS Mag= 5.6 Ms=
 5.6 (CGS) Mag= 5.6(BRK)
 5 $\frac{1}{4}$ -5 $\frac{1}{2}$ (PAL) 5 $\frac{1}{2}$ -5 $\frac{3}{4}$ (GOL)
 SHL iP 08 40 13 CSW 48.4
 iS 47 16
 CHA iP 08 40 33 C 51.0
 S 47 49
 BOK iP 08 40 56 CSW 54.1
 S 48 28
 DDI iP 08 41 03.0 C
 NDI iP 08 41 18.0 CSW 57.1
 PP 43 25
 iS 49 10.0
 SEH eP 08 41 42
 MDR eP 08 42 13 65.3
 eS 50 54
 POO eP 08 42 17 66.0
 eS 50 56
 BOM iP 08 42 20 66.5
 PP 44 51
 eS 51 10
 PS 51 35
 KOD iP 08 42 36 C
 13 Epc: 43.9N, 148.4E. H= 09h
 20m 34.0s(USCGS) KURILE
 ISLANDS REGION Depth= N,
 Mag= 4.4 (CGS)
 NDI eP 09 30 25
 13 NDI eP 10 22 31
 i 24 42
 13 Epc: 43.2N, 147.9E. H= 12h
 13m 07.0s(USCGS) KURILE
 ISLANDS Depth= 14Km. Mag=4.8(CGS)

NDI eP 12 22 56
 KOD iP 12 24 14 D
 13 Epc: 43.3N, 147.8E. H= 12h
 30m 48.3s (USCGS) KURILE
 ISLANDS Depth= N, Mag=4.8(CGS)
 NDI eP 12 40 34
 KOD iP 12 41 53.0 D
 13 Epc: 44.1 N, 148.5E. H= 14h
 28m 46.5s(USCGS) KURILE
 ISLANDS Depth= N, Mag= 4.8
 (CGS)
 NDI eP 14 38 37
 13 NDI i 16 40 11
 13 Epc: 42.8 N, 146.6E. H= 17h
 07m 13.8s (USCGS) OFF COAST
 OF HOKKAIDO, JAPAN. Depth=N,
 Mag= 4.7 (CGS)
 NDI iP 17 16 55 D
 POO eP 17 17 54
 13 NDI e 17 25 51
 13 Epc: 44.2 N, 149.0E. H= 18h
 09m 01.6s(USCGS) KURILE ISLAND
 Depth= 20Kms. Mag= 4.5 (CGS)
 NDI iP 18 18 51 C
 POO eP 18 19 50
 13 Epc: 43.9N, 147.8E. H= 19h
 33m 41.2s (USCGS) KURILE ISLAND
 Depth= 73Kms. Mag= 5.1 (CGS)
 SHL iP 19 42 18 C
 NDI iP 19 43 23 CW
 POO eP 19 44 21
 KOD iP 19 44 41 C
 13 NDI iP 20 19 05.5
 13 Epc: 44.0N, 148.1E. H= 22h
 57m 07.4s(USCGS) KURILE ISLANDS
 Depth= N, Mag= 5.6 Ms= 6.1
 Mag= 6.2 (PAS) 5.7 (BRK)
 6-6 $\frac{1}{4}$ (PAL)
 TOC eP 23 05 36
 SHL iP 23 05 51 CSW 48.8
 iS 12 53

AUGUST, 1969 - 17

DATE STN PHASE H. M. S.				△ Deg.	DATE STN PHASE H. M. S.				△ Deg.
BOK	iP	23	06 35	54.7	NDI	eP	09 09 35		
	S		14 10		14	SHL	eP	09 51 54	
	PPS		14 35						
DDI	iP	23	06 46	C	14	Epc: 5.4S, 152.0E. H= 10h 58m 01.7s (USCGS) NEW BRITAIN REGION Depth= N, Mag= 5.6 (CGS)			
BHK	eP	23	06 48.0	56.3					
	eS		14 36.0						
NDI	iP	23	06 56.0	CSW 57.7		SHL	iP	11 08 45	C
	PP		09 08			NDI	eP	11 10 04	
	iS		14 49		14	Epc: 43.1N, 147.5E. H= 11h 51m 12.5s(USCGS) KURILE ISLANDS Depth= N, Mag= 4.7 (CGS)			
	PPS		15 14						
VIS	eP	23	07 14			NDI	iP	12 00 58	D
SEH	eP	23	07 18		14	NDI	i	12 26 03	
MDR	eP	23	07 50	65.7	14	Epc: 42.8N, 147.1E H= 13h 31m 43.9s (USCGS) OFF COAST OF HOKKAIDO, JAPAN Depth=N Mag= 4.1 (CGS)			
	PP		10 19						
	eS		16 34			NDI	eP	13 41 28	
POO	iP	23	07 55	C	14	Epc: 43.1N, 147.5E H= 14h 19m 01.6s (USCGS) KURILE ISLANDS Depth= N, Mag= 6.1 Ms= 6.5(CGS) Mag= 6.5 (PAS) 6.4(BRK) 5.2 (PAL)			
BOM	iP	23	07 58	67.0		TOC	eP	14 27 34	47.0
	PP		10 28				eP	34 21	
	eS		16 45			SHL	iP	14 27 42	CSW 48.4
	eS		17 08				iS	34 40	
	SS		21 02			BOK	iP	14 28 24	CS 54.0
KOD	iP	23	08 14.0	C			S	35 56	
13	Epc: 1.6N, 126.3E H= 00h 29m 32.3s (USCGS) MOLUCCA PASSAGE Depth= N, Mag= 5.4 (CGS)						sP	36 07	
	SHL	eP	00 37 11	DE			SPP	36 14	
	MDR	eP	00 37 54			CAL	iP	14 28 29	
	KOD	eP	00 38 19	E		BNS	iP	14 28 32	55.0
	NDI	eP	00 38 02	55.0			iS	36 11.0	
		eS	46 46			DDI	iP	14 28 38	C 55.9
	POO	eP	00 38 53				iS	36 19	
14	KOD	iP	03 08 32.8	C					
14	Epc: 43.3N, 147.8E H= 04h 47m 54.3s KURILE ISLANDS Depth= 48Kms, Mag= 4.6 (CGS)								
	SHL	iP	04 56 33	DNE					
	KOD	iP	04 58 57	D					
14	BOM	e	06 11 42						
14	Epc: 43.1N, 147.5E H= 08h 59m 49.6s(USCGS) KURILE ISLANDS Depth= N, Mag= 4.7 (CGS)								



AUGUST, 1969

19

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DATE	STN PHASE H. M. S.	△	Deg.
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14	Epc: 52.2N, 160.5E, H= 23h 48m 36.0s (USCGS) OFF EAST COAST OF KAMA CHATAK. Depth= N, Mag= 4.8 (CGS)		
	SHL iP 23 58 21 C		
	POO eP 00 00 07		
15	Epc: 3.5S, 144.4E, H= 03h 37m 52.8s (USCGS) NEAR NORTH COAST OF NEW GUINEA Depth= 22Kms, Mag= 5.4 (CGS)		
	SHL iP 03 47 49 CN		
	BOK iP 03 48 23 C 63.8 eS 56 56		
	MDR eP 03 48 41 66.5 PP 50 49 eS 57 26		
	KOD eP 03 48 55		
	NDI eP 03 49 16 71.5 eS 58 34		
	POO eP 03 49 21		
15	Epc: 43.0N, 147.9E, H= 04h 32m 00.4s (USCGS) KURILE ISLANDS Depth= N, Mag= 5.6 Ms= 5.5 (CGS)		
	SHL iP 04 40 43 CSW		
	BOK iP 04 41 25 CSW 54.3 S 49 01 SPP 49 16		
	DDI iP 04 41 39.1 C		
	PBA iP 04 41 46		
	NDI iP 04 41 49 CSW 57.6 PP 43 58 iS 49 43 SP 49 52		
	SEH iP 04 42 13 C		
	MDR iP 04 42 41 C 65.4 eS 51 29		
	POO iP 04 42 47 C 66.3		
	BOM eP 04 42 52 67.0 eS 51 42		
	KOD iP 04 43 05 CSW		
	TRD eS 04 52 43		
15	Epc: 43.3N, 147.8E, H= 06h 18m 36.5s (USCGS) KURILE ISLANDS Depth= 42 Kms, Mag= 4.8 (CGS)		
	SHL iP 05 57 34 CSE		
15	Epc: 30.2N, 95.0E, H= 07h 15m 37.0s (USCGS) TIBET Depth= N, Mag= 5.2 (CGS)		
	NDI iP 06 28 23 CW		
	POO e 06 29 23		
	KOD iP 06 29 30 C		
15	Epc: 43.6N, 148.5E, H= 07h 21m 47.6s (USCGS) KURILE ISLANDS REGION Depth= N, Mag= 4.9 (CGS)		
	SHL iP 07 16 57 D		
	TOC e 07 17 10		
	NDI eP 07 19 11		
15	Epc: 21.6N, 143.0E, H= 08h 41m 54.9s (USCGS) MARIANA ISLANDS REGION Depth= 319Kms Mag= 6.1 (CGS)		
	NDI iP 07 31 38 CW		
	POO eP 07 32 35		
15	Epc: 43.6N, 148.5E, H= 07h 21m 47.6s (USCGS) KURILE ISLANDS REGION Depth= N, Mag= 4.9 (CGS)		
	NDI iP 07 31 38 CW		
	POO eP 07 32 35		
15	Epc: 21.6N, 143.0E, H= 08h 41m 54.9s (USCGS) MARIANA ISLANDS REGION Depth= 319Kms Mag= 6.1 (CGS)		
	NDI iPg 08 10 35.5 CE 0.31 iSg 10 39.6		
15	Epc: 21.6N, 143.0E, H= 08h 41m 54.9s (USCGS) MARIANA ISLANDS REGION Depth= 319Kms Mag= 6.1 (CGS)		
	TOC eP 08 49 41 44.9 eS 55 51		
	SHL iP 08 49 55 CW 47 iS 56 18		
	PBA iP 08 50 14 DS 45.3 eS 56 55		
	CAL eP 08 50 33		
	BOK iP 08 50 39 CSW 52.7 S 57 41 SS 59 33 iSS 09 03 33		
	VIS iP 08 51 03 DE 56.0 iS 58 30		

AUGUST, 1969

- 22 -

----- DATE STN PHASE H. M. S. -----				 Deg.	----- DATE STN PHASE H. M. S. -----				 Deg.
	P00	ePKP	18 47 19		17	Epc: 42.7N, 141.4 E, H= 11h 54m 54.9s (USCGS) HOKKAIDO JAPAN REGION FELT ON HOKKAIDO Depth=130Kms, Mag=5.6(CGS)			
	KOD	ePKP	18 47 23.0 CW		SHL	iP	12 02 49	DNE	
	NDI	ePKP	18 47 28		CHA	iP	12 03 13	D	
16	SHL	eP	21 21 21		BOK	eP	12 03 28		
16	KOD	e	22 19 11.5		PBA	eP	12 03 57		
16	P00	e	22 22 00		NDI	iP	12 03 58	DNE	52.7
16	DDI	iP	23 12 07.1 C		iS	11 15			
	NDI	eP	23 12 24	12.6	pP	12 06			
		eS	14 47		MDR	eP	12 04 51		
	P00	e	23 14 29		PPS	13 53			
17	EPC: 43.4N, 147.5E H= 05h 52m 21.2s(USCGS) KURILE ISLANDS Depth= 48 Kms, Mag= 4.4 (CGS)				P00	iP	12 04 58.0 D		
	NDI	eP	06 02 04		BOM	eP	12 04 59		
17	Epc: 29.5S, 71.2W H= 07h 20m 11.6s(USCGS) NEAR COAST OF CENTRAL CHILE, Depth= 51 Kms Mag= 4.9 (CGS)				KOD	iP	12 05 17.0 DE		
	KOD	ePKP	07 39 46		17	Epc: 2.5N, 126.7E. H= 12h 31m 46.9s(USCGS) MOLUCCA PASSAGE, Depth= 40 Kms, Mag= 5.3 (CGS).			
	P00	eP _k P	07 39 49		SHL	iP	12 39 23 C		
	NDI	e	07 40 03		KOD	iP	12 40 35 C		
17	NDI	i	08 52 04		NDI	eP	12 41 04 .		
17	NDI	e	09 25 50		P00	eP	12 41 08		
		i	25 54.6		17	SHL	iP	13 38 08 CNE	
17	Epc: 7.0S, 155.6E H= 10h 10m 29,8s(USCGS) SOLOMON ISLANDS Depth= 66 Kms, Mag= 5.1(CGS)				CHA	iP	13 39 04.5 C	3.7	
	SHL	iP	10 21 35 CNE		S	39 49.3			
	NDI	iP	10 22 49 C		17	CHA	iP	14 10 03.4 D	1.5
17	Epc: 43.4N, 148.0E H= 11h 36m 45.3s (USCGS) KURILE ISLANDS REGION Depth= 50 Kms, Mag=4.6 (CGS)				S	10 24.3			
	SHL	iP	11 45 26 CNE		SHL	eP	14 10 27 CE		
	NDI	eP	11 46 31		17	CHA	iPg	15 20 57.8 D	0.5
	P00	e	11 47 29		Sg	21 03.9			
					17	Epc: 7.9N, 126.7E. H= 15h 18m 07.6s(USCGS) MINDANAO PHILIPPINE ISLANDS Depth=75Km Mag= 5.1 (CGS)			
					SHL	iP	15 25 15 CE		

AUGUST, 1969

23

DATE STN PHASE H. M. S.

 Δ
Deg.

 17 Epc: 43.5N, 147.5E H= 18h 09m
 11.5s(USCGS) KURILE ISLANDS
 Depth=45Kms Mag=4.6 (CGS)

NDI eP 18 18 54

P00 eP 18 20 03

 17 P00 ePg 19 43 28 1.2
 eSg 43 45

 BOM iPn 19 43 37 D 1.6
 iSn 43 59

 17 P00 iPg 19 47 49.5 C 1.2
 eSg 48 05.5

 BOM ePn 19 47 58 1.5
 iSn 48 19

 17 P00 ePg 20 15 47.4 1.2
 eSg 16 03.5

 BOM ePn 20 15 56 1.5
 eSn 16 17

 17 Epc: 25.3N, 109.2W, H= 20h
 13m 08.2s(USCGS) GULF OF
 CALIFORNIA FELT AT LOS MOCHIS
 AND LAPAZ Depth= N,
 Mag= 5.7 (CGS)

SHL iPkP 20 32 10 C

 NDI ePkP 20 32 10 127.5
 PKS 35 54

 BOK ePkP 20 32 16 130.0
 34 30
 51 51

P00 ePKP 20 32 25

K0d ePKP 20 32 45

PBA eP 20 33 25

CHA ePP 20 34 05

TRD e 20 34 26

 BOM ePP 20 35 16
 PS 45 35

CAL e 20 35 44

NDR ePP 20 35 47

e 55 48

VIS e 20 37 04

DATE STN PHASE H. M. S.

 Δ
Deg.

 18 Epc: 43.7N, 147.8E. H= 00h
 10m 29.4s (USCGS) KURILE
 ISLAND Depth= N,
 Mag= 4.5 (CGS)

NDI eP 00 20 15

 18 Epc: 56.0S, 123.4W H= 01h 04m
 04.7s(USCGS) EASTER ISLANDS
 CORDILLERA Depth= N,
 Mag= 5.1 Ms= 6.4 (CGS)

NDI eP 01 23 48

18 MDR e 02 09 21

18 NDI iP 03 15 14.5 D

18 KOD eP 04 14 18

18 BOM e 04 45 -

 18 Epc: 34.2N, 140.7E H= 05h 25m
 48.8s(USCGS) NEAR EAST COAST
 OF HONSHU JAPAN, Felt at TOKYO
 Depth=46Km Mag=4.8(CGS)

NDI eP 05 35 05

P00 eP 05 35 57.5

 18 Epc: 44.0N, 148.3E H= 06h
 51m 19.2s (USCGS) KURILE
 ISLANDS Depth= 60 Kms,
 Mag= 4.6 (CGS)

NDI eP 07 01 03

P00 eP 07 02 08

 18 Epc: 14.8S, 167.3E,
 H= 07h 37m 41.4s (USCGS)
 New HEBRIDES ISLANDS, Felt at
 LUGANVILLE Depth= 140 Kms,
 Mag= 5.0 (CGS)

SHL eP 07 49 56

18 SHL eP 08 59 50

CHA iP 09 00 10.0 D 2.8

 18 Epc: 43.6N, 147.9E H= 10h
 49m 44.1s(USCGS) KURILE
 ISLANDS Depth= N,
 Mag= 4.5 (CGS)

NDI eP 10 59 39

AUGUST, 1969

-24-

DATE STN PHASE H. M. S.				Δ Deg.	DATE STN PHASE H. M. S.				Δ Deg.
18		Epc= 43.8N, 148.6 E			18	VIS	eP	15 05 54	15.1
		H= 11h 43m 30.5s(USCGS)					iS	08 43	
		KURILE ISLANDS REGION					eSS	08 59	
		Depth =39kms, Mag=5.4					eSSS	09 10	
		Ms=5.1(CGS)					eLR	09 30	
							eM	10 31	
	SHL	eP	11 52 15			CAL	i	15 09 08	
	CHA	eP	11 52 38				i	09 29	
	NDI	iP	11 53 19.0 C 67.6		18	SHL	iP	15 21 16	D
18	POO	eP	11 59 17.2		18		Epc= 44.5N, 148.1E,		
18	BOM	e	12 23 -				H = 16h 29m 34.0s(USCGS)		
18	CAL	i	14 25 03				KURILE ISLANDS		
		i	25 03				Depth =N, Mag= 4.4 (CGS)		
		i	28 15				NDI	e	16 39 18
18	NDI	i	14 28 22		18		Epc = 2.45, 102.2E		
18		Epc= 29.9N, 67.5 E					H=17h 15m 24.7s (USCGS)		
		H = 14h 57m 57.1s(USCGS)					SOUTHERN SUMATRA		
		West Pakistan					Depth =142kms, Mag=5.2(CGS)		
		Depth = 15kms, Mag. =5.0(CGS)					CHA	iP	17 21 44 D
	NDI	eP	15 00 02 8.2				ROO	eP	17 22 04
		iS	01 33				NDI	iP	17 22 39.0 DSE 39.1
	DDI	eP	15 00 11.0					iS	28 24.0
	SEH	eP	15 00 36		18	SHL	iP	18 17 17 C	
	BOM	eP	15 00 51		18		Epc= 44.0N, 148.4E,		
	POO	eP	15 00 59				H =18h 29m 27.6s(USCGS)		
	BHK	e	15 01 13.0 6.5				KURILE ISLANDS		
	BOK	eP	15 02 00 17.0				Depth =50 kms, Mag=4.7(CGS)		
		S	05 03				NDI	iP	18 39 13.1 C
		SSS	05 35		18	SHL	eP	19 43 19	
	CHA	iP	15 02 05 D		18	KOD	iP	21 45 40.3 CSE	
	MDR	eP	15 02 36		19	POO	iPg	00 35 49.5 D 1.2	
	KOD	eP	15 02 52				eSg	36 04.7	
	SHL	iP	15 02 53 DE			BOM	iPn	00 36 00 1.7	
18	CHA	iP	15 05 16 C 14.5				iSn	36 23	
		eS	07 59			KOD	eP	00 38 52.0	

AUGUST, 1969

25

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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19	Epc: 6.1S, 105.3E. H= 01h 39m 08.3s (USCGS) SUNDA STRAIT Depth= 50 Kms, Mag= 5.1 Ms= 5.4 (CGS)					FBI	iP	08 59 41	DNE 57.2
							iS	09 07 36	
							SP	07 46	
	MDR	eP	01 45 29	31.5		VIS	eP	08 59 53	59.6
		SSS	52 46				eS	09 08 12	
							ePS	08 31	
	KOD	eP	01 45 39				ePPS	08 43	
	SHL	iP	01 45 49	C		SEH	iP	09 00 05	
	CHA	iP	01 46 18	C		MDR	eP	09 00 34	65.0
	POO	eP	01 46 37				PP	03 00	
	BOM	iP	01 46 53	CW			eS	09 15	
							SP	09 34	
	NDI	eP	01 47 11	43.6		POO	eP	09 00 40	66.0
		eS	53 36	M= 6.9			eS	09 26	
19	OAL	i	01 53 29			BOM	iP	09 00 44	D 66.5
		i	59 24				PP	03 13	
19	TRD	e	01 57 47				iS	09 32	
19	POO	e	03 11 50.2				SP	09 53	
19	POO	e	03 17 22.5				PPS	10 05	
19	NDI	ePn	06 24 51	3.96	19	TRD	e	09 31 44	
		eSn	25 39				e	37 53	
19	PBA	iPg	08 30 34	C 0.9	19	EPC: 43.6N, 148.3E H= 09h 30m 13.5s (USCGS) KURILE ISLANDS REGION Depth= 45 Kms, Mag= 4.6 (CGS)			
		iSg	30 45			NDI	eP	09 40 02	
19	Epc: 43.8N, 148.7E. H= 08h 49m. 54.8s (USCGS) KURILE ISLANDS REGION Depth= 39 Kms, Mag= 5.7 Ms= 5.8 (CGS)					19	SHL	iP	10 02 14 D
	CHA	iP	08 59 00	DE 51.5			eS	02 45	
		S	09 06 17			19	Epc: 43.8N, 148.1 N, H= 10h 18m. 50.7s (USCGS) KURILE ISLANDS REGION Depth= 45 Kms, Mag= 4.5 (CGS)		
	BOK	iP	08 59 18	DNE 54.0			NDI	e	10 28 36
		S	09 06 53			19	NDI	eP	16.01 28
		SPP	07 08						
		SSS	12 27			19	POO	ePg	18 45 48
	CAL	iP	08 59 24						
	BNS	iP	08 59 30						
	DDI	eP	08 59 31	D					
		PP	09 01 33.1						
	PBA	eP	08 59 41						

DATE	STN	PHASE	H.	M.	S.	△ Deg.
19	NDI	iPg eSg	19 06 36.7	DSW	0.39	
19	Epc: 43.2N, 147.3E, H = 23h 36m 34.2s (USCGS) KURILE ISLANDS Depth= 50 Kms, Mag= 4.3 (CGS)					
	NDI	iP	23 46 17	D		
20	Epc: 44.0N, 148.6E, H= 01h 27m 49.9s (USCGS) KURILE ISLANDS Depth= 43 Kms, Mag= 4.2 (CGS)					
	NDI	eP	01 37 40			
20	NDI	eP	01 58 36			
20	CHA	iP S	04 41 25.4 41 47.0	D	1.6	
20	BNS	i	06 38 01			
20	NDI	iPn iSn	06 39 04.5 39 39.0	CNE	2.76	
SE	SEH	eP eS	06 39 35 40 22		4.0	
	BOM	eP e e	06 40 22 42 33 42 48			
	POO	ePn eSn	06 40 24 41 53		7.7	
	CHA	iP	06 40 55	C		
	KOD	iP	06 42 19.0	D		
20	SHL	eP	06 45 19			
	MDR	eP	06 45 47			
20	Epc: 47.9N, 153.6E H= 07h 50m 05.5s (USCGS) KURILE ISLANDS Depth= 73 Kms, Mag=5.8 (CGS) Mag=6 (PAS), 5½ (PAL)					
	TOC	eP	07 59 02			
	SHL	iP	07 59 11	CSW		
	CHA	iP S	07 59 35 08 07 07		55.0	
	BOK	iP eP	07 59 56 08 00 32	CSW	58.0	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
Contd.	S		07 44			
	BNS	eP	08 00 05			
	NDI	iP pP iS	08 00 09.0 00 36 08 13.0	C	60.2	
	PBA	eP	08 00 21	C		
	VIS	iP	08 00 34			
	SEH	iP	08 00 36			
	MDR	eP iS	08 01 09 10 07		69.0	
	POO	eP eS	08 01 10 10 10		69.2	
	BOM	iP iS	08 01 13 10 14		70.0	
	KOD	iP	08 01 32.1	C		
20	CAL	i i	08 07 37 07 38			
20	NDI	i	09 27 27			
20	NDI	ePn eSn	09 35 37 36 23		3.8	
20	Epc: 24.6N, 141.8E, H= 11h 23m 35.5s (USCGS) VOLCONO ISLANDS REGION Depth= 95 Kms, Mag= 5.2 (CGS)					
	SHL	eP	11 31 43			
	NDI	eP	11 33 14			
20	NDI	eP iS	11 53 26 54 57.6		7.9	
20	POO	eP	11 58 52			
20	POO	eP	12 29 53.5			
	SHL	iP	15 29 08	C		
20	SHL	ePg eSg	17 28 43 28 56		1.0	

AUGUST, 1969

-28-

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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21	BOK	iP	08 47 31			P00	eP	51 04 11	
21	Epc=17.3N, 105.4W H=13h 10m 47.4s (USCGS) OFF COAST OF JALISCO MEXICO Depth =N, Mag=4.9 (CGS)					KOD	eP	04 51 43	
	P00	ePKP	13 30 23		22	BOM	e	05 18 -	
	NDI	eP	13 30 47		22	NDI	i	05 40 13	
21	Epc =43.6N, 148.1E H=13h 24m 01.9s (USCGS) KURILE ISLANDS REGION Depth =4kms, Mag=5.5 Ms=5.4(CGS)					22	Epc= 23.3N, 110.4W H =10h 04m 36.4s(USCGS) BAJA CALIFORNIA Depth 11 kms, Mag= 5.1 Ms= 5.3(CGS) Mag=4.3 (BRK)		
	SHL	iP	13 32 43	DE		NDI	eP	10 23 43	
	NDI	iP	13 33 47	D 57.0		KOD	e	10 24 17.2	C
		iS	41 42		22	CHA	iP	10 58 54	D
21	Epc= 23.2N, 110.6W, H=14h 25m 51.5s (USCGS) BAJA CALIFORNIA Depth =15kms, Mag=5.3 Ms =5.2(CGS) Mag=4 (BRK)					22	SHL	eP	12 04 15
	NDI	eP	14 44 58			CHA	iP	12 04 19	D 13.6
						eS	06 52		
21	Epc= 39.4N 144.6E H= 17h 14m 30.1s (USCGS) OFF EAST COAST OF HONSU, JAPAN Depth=N, Mag=4.7 (CGS)					22	TOC	e	12 06 03
	SHL	eP	17 22 56		22	P00	eP	12 07 16	
	NDI	eP	17 24 05		22	CAL	iP	12 08 43	
21	CHA	iPg	18 11 03.2	C 0.8		i	12 20		
		eSg	11 13.2		22	BOK	i	12 09 09	
22	Epc= 43.1N, 148.3E H =04h 40m 26.1s (USCGS) KURILE ISLANDS REGION Depth=60 kms, Mag =4.3(CGS)					22	SHL	eP	12 11 36
	SHL	iP	04 49 07	C	22	BOM	e	12 14 -	
	BOK	eP	04 49 50	54.6	22	BBA	i	12 59 25	
		eS	57 26		22	Epc= 7.6S, 156.0E H =15h 45m 04.7s(USCGS) SOLOMON ISLANDS Depth=80 kms Mag=5.1(CGS)			
	NDI	iP	04 50 13	C		SHL	iP	15 56 13	C
						CHA	iP	15 56 41	C
						KOD	eP	15 57 11	
						NDI	eP	15 57 26	

AUGUST, 1969

- 29 -

DATE STN PHASE H. M. S.				△ Deg.	DATE STN PHASE H. M. S.				△ Deg.
	P00	eP	15 57 33						
22	NDI	iP	17 11 42.0		CHA	iP	06 48 11	C	
22	SHL	eP	18 13 19		BOK	iP	06 48 28		
22	NDI	e	18 26 35		NDI	iP	06 48 59.0	D	
22	P00	eP	20 47 22		SEH	eP	06 49 17		
		e	48 59		MDR	eP	06 49 42		
	KOD	eP	20 47 43		P00	eP	06 49 53		
	BOM	ePg	20 49 32	0.3	KOD	iP	06 50 09	D	
		iSg	49 36		23	Epc: 44.0N, 148.2E. H= 06h 47m 49.7s (USCGS) KURILE ISLANDS Depth=35Km Mag=4.8 (CGS)			
	NDI	eP	20 50 28	C 5.1		SHL	eP	06 56 33	
		eS	51 28			NDI	eP	06 57 37	
	CHA	iP	20 51 09	D		P00	eP	06 58 35	
22	SHL	iP	22 14 03	CE	23	CHA	iP	07 28 04	C
23	SHL	eP	00 06 49		23	NDI	e	08 00 52	
23	NDI	iPn	00 34 34.8	D 2.86	23	BOK	iP	08 46 42	
		i	34 37.5		23	NDI	eP	08 47 46	D 8.0
		iSn	35 10.5				eS	49 18	
		isg	35 21.5			CHA	iP	08 48 02	D
23	P00	eP	00 36 47			SHL	iP	08 48 40	C
23	P00	eP	00 39 26			BOK	eP	08 49 54	
23	Epc: 39.7N, 144.3E H= 22h 54m 18.9s (USCGS) OFF COAST OF HONSHU, JAPAN Depth= 37 Km Mag= 5.2 (CGS)				23	BOM	e	08 56 -	
	SHL	eP	03 02 40		23	BOK	iP	09 03 55	
	NDI	eP	03 03 53		23	Epc: 43.7N, 147.6E H= 13h 27m 42.2s (USCGS) KURILE ISLANDS Depth= 51 Kms, Mag= 4.0 (CGS)			
	P00	iP	03 04 50.0	D		NDI	eP	13 37 25	
23	PBA	iPg	03 39 03	C 0.4	23	CAL	i	14 29 10	
		iSg	39 08		23	Epc: 43.4N, 147.7E. H= 14h 53m 01.5s (USCGS) KURILE ISLANDS Depth= 60 Kms, Mag= 4.0 (CGS)			
23	CHA	iP	03 44 45	C		NDI	eP	15 02 46	
23	Epc: 39.7N, 144.3E. H= 03h 49m 30.0s (USCGS) OFF EAST COAST OF HONSHU JAPAN Depth= 45 Kms, Mag= 4.8 (CGS)				23	NDI	e	17 33 03	
	NDI	eP	03 59 02		23	BOK	eP	17 35 31	
23	CAL	i	06 13 34		23	NDI	e	18 44 53	
23	Epc: 39.8N, 144.2E. H= 06h 39m 24.5s (USCGS) OFF EAST COAST OF HONSHU JAPAN Depth= 33 Kms, Mag= 5.2 (CGS)								
	SHL	iP	06 47 44	D					

AUGUST, 1969

- 30 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	
23		Epc: 33.9N, 58.9E H= 19h 16m 17.7s (USCGS) IRAN Depth= 32 Kms, Mag= 5.1 (CGS)					
	NDI	eP	19	20	06		
	DDI	iP	19	20	09.3	C	
	BOM	iP	19	20	46	CW	
	POO	eO	19	20	55		
	CHA	iP	19	21	46	C	
	KOD	iP	19	22	31	CSW	
	SHL	iP	19	22	22	C	
23	MDR	e	19	32	40		
23		Epc: 39.7N, 144.3E. H= 19h 56m 47.0s (USCGS) OFF EAST COAST OF HONSHU JAPAN Depth= 35 Kms. Mag= 5.0(CGS)					
	SHL	iP	20	05	07		
	NDI	eP	20	06	19		
	POO	e ^P	20	07	16		
23	SHL	eP	20	43	27		
23	NDI	iP	23	10	08.0	C	
24	SHL	eP	00	26	15		
24	CHA	iP	00	32	05	D	
24	NDI	eP	02	13	59	8.9	
		eS		15	41		
24		Epc: 43.4N, 147.4E H= 03h 33m 58.6s (USCGS) KURILE ISLANDS Depth= 60 Kms, Mag= 4.6(CGS)					
	NDI	eP	03	43	41		
24	CHA	eP	05	35	16		
24	PBA	iP*	09	08	16	D 1.0	
		iS*		08	31		
24		Epc: 7.7S, 127.5E. H= 10h 46m 36.7s (USCGS) BANDA SEA Depth= 135 Kms, Mag= 5.7(CGS)					
	POO	eP	10	56	24		
	NDI	e	10	56	32		
24		Epc: 39.7N, 144.3E H= 10 50m 17.8s(USCGS) OFF EAST COAST OF HONSHU JAPAN. Depth= N, Mag= 4.5 (CGS)					

DATE	STN	PHASE	H.	M.	S.	△ Deg.	
	SHL	iP	10	58	37	C	
	NDI	eP	10	59	50		
24		Epc: 7.3S, 148.1E H= 12h 39m 30.1s (USCGS) EAST New GUINEA REGION Depth= 39 Kms, Mag= 4.7 (CGS)					
	SHL	iP	12	49	59	D	
	CHA	iP	12	50	28		
	KOD	iP	12	50	59	D	
	NDI	eP	12	51	20		
	POO	eP	12	51	37		
24	CAL	i	17	26	30.4		
24	NDI	ePn	17	54	58	4.2	
		eSn		55	48		
24	CHA	iPg	19	58	54.9	C 0.8	
		eSg		59	05.8	M= 3.1	
	SHL	eP	19	59	53		
24	NDI	eP	20	33	32	8.5	
		eS		35	09		
24		Epc: 39.8N, 144.3E, H= 22h 03m 03.8s (USCGS) OFF EAST COAST OF HONSHU JAPAN Depth= 32 Kms, Mag= 5.4 Ms= 5.0 (CGS).					
	SHL	eP	22	11	23		
	CHA	iP	22	11	49		
	BOK	iP	22	12	08	DNE	
		eS		19	29		
	NDI	eP	22	12	36		
	VIS	iP	22	12	47	D	
	POO	eP	22	13	33	D	
	BOM	eP	22	13	36	64.0	
		eS		22	06		
	PS		22	25			



AUGUST, 1969

-31-

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
	KOD	eP	22	13	47			CHA	iP	19	16	38	C	
25	NDI	e	00	08	44			KOD	eP	19	16	58	DE	
25	Epc= 39.7N, 144.4E H = 01h 06m 20.1s (USCGS) OFF EAST COAST OF HONSHU? JAPAN Depth = 35 kms, Mag=4.9(CGS)								P00	iP	19	17	35.0	D
	NDI	eP	01	15	53		25	Epc= 0.4N, 126.0E H=21h 32m 13.5s (USCGS) MOLUCCA PASSAGE Depth=N, Mag=5.1 MS=4.7(CGS)						
25	Epc=39.6N, 144.5E H= 01h 12m 05.1s (USCGS) OFF EAST COAST OF HONSHU? JAPAN Depth=35kms Mag=4.7(CGS)								SHL	iP	21	39	57	CW
	NDI	eP	01	21	38			CHA	iP	21	40	37	C	
25	SHL	eP	02	46	54			KOD	eP	21	41	02		
25	NDI	eP	02	53	03			NDI	eP	21	41	36	59.0	
25	BOM	ePg eSg	04	54	11 54 13	0.2			eS		49	04		
25	BOK	iP	09	02	50		25	P00	eP	21	41	38		
25	Epc = 43.6N, 146.8E H=14h 04m 10.8s (USCGS) KURILE ISLANDS Depth =N, Mag= 4.4(CGS)							25	BOM	e	22	04	-	
	NDI	eP	14	13	51		26	SHL	iP	01	32	57	D	
25	NDI	e	14	57	11 57 44			KOD	iP	01	34	06.0	CW	
25	SHL	iP	17	09	23	D		NDI	iP	01	34	37.8	DS	
25	Epc= 43.9N, 148.4 E H= 13h 07m 31.1s(USCGS) KURILE ISLAND REGION Depth =65 kms, Mag= 4.4(CGS)							26	P00	iP	01	34	40.0	D
	NDI	eP	18	17	16		26	CHA	iP	01	56	47	C	
25	Epc=5.1S, 131.4E H= 19h 07m 24.0s(USCGS) BANOA SEA Depth = 71kms, Mag=5.3(CGS)							26	CHA	iP*	01	58	48.0 D 1.3 S* 59 05.0	
	SHL	iP	19	16	05	C	26	Epc= 41.8N, 20.1E H =02h 15m 38.8s (USCGS) ALBANIA Depth = 42kms, Mag=4.9(CGS)						
								NDI	eP	02	24	07		
								CHA	iP	02	25	14	D	
							26	Ep=37.1N, 72.7E H=03h 23m 19.2s(USCGS) TADZHK SSR Depth =65Kms, Mag =4.7(CGS)						

AUGUST, 1969

-32-

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DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
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	DDI	eP eS	03	25	16 26 47	8.0		SHL	eP	19	23	32		
	NDI	eP iS	03	25	32 27 10	9.2		NDI	eP	19	24	53		
	SHL	e	03	26	05	D		26	Epc=43.5N, 147.7E H=20h 43m 04.1s(USCGS) KURILE ISLANDS Depth =21kms, Mag=4.6(CGS)					
	POO	e	03	27	29			SHL	eP	20	51	46		
26	NDI	i	03	48	50			NDI	iP	20	52	52.0	DN	
26	SHL	eP	05	10	26			KOD	iP	20	54	09	D	
26	NDI	e	06	15	50			26	DDI	eP i	21	14	00.4 15 38.7	
26	SHL	eP	09	43	23			NDI	ePn i iSn Sg	21	14	10.5 14 14.2 15 28.0 16 09.0	6.9	
26	CHA	iP	09	45	42	C		BHK	eP	21	14	38.0		
26	NDI	iP	11	42	11.0	D		CHA	iP	21	15	55	C	
26	PBA	iP* PP iS* SS	14	53	00 53 07 53 14 53 27	C 1.0		26	NDI	e	22	53	23	
26	NDI	e	16	39	12			26	NDI	e	22	58	09	
26	Epc= 5.8S, 151.2E H =16h 58m 02.3s(USCGS) NEW BRITAIN REGION FELT AT RABAU, KILENGI AND BIALLA Depth =59kms, Mag=5.6(CGS)							26	PBA	iPg iSg	23	41	49 41 54	C 0.4
	SHL	iP	17	08	40	CE		26	Epc= 39.8N, 144.3E H=23h 39m 06.0s (USCGS) OFF EAST COAST OF HONSHU, JAPAN Depth =35kms, Mag=4.9 (CGS)					
	CHA	iP	17	09	10	D		SHL	eP	23	47	31		
	BOK	iP eS	17	09	11 18 21	C 70.4		NDI	eP	23	48	39		
	KOD	eP	17	09	41			27	Epc=43.6N, 147.5E H=00h 01m 16.9s(USCGS) KURILE ISLANDS Depth =N, Mag=4.6, Ms=4.7(CGS)					
	NDI	iP iS	17	09	59 19 50	78.6		NDI	eP	00	20	02		
	POO	eP	17	10	06			27	Epc= 43.6N, 147.5E H =01h 10m 30.1s (USCGS) KURILE ISLANDS Depth = 60kms, Mag=5.0					
	BOM	eP	17	10	32			SHL	iP	01	19	07	C	
26	Epc=6.1S, 148.0E H=19h 13m 13.1s(USCGS) NEW BRITAIN REGION Depth =88 kms, Mag=4.9(CGS)													

AUGUST, 1969

33

 DATE STN PHASE H. M. S. △
 Deg:

 CHA iP 01 19 30
 BOK e 01 19 52
 NDI iP 01 20 12 CS
 POO eP 01 21 22
 KOD iP 01 21 29 C

 27 Epc: 43.4N, 147.7E H= 01h
 12m 55.2s (USCGS) KURILE
 ISLANDS Depth= 60 Kms,
 Mag= 5.1 (CGS)

 NDI iP 01 22 39
 KOD iP 01 23 55.0 C

27 NDI e 01 27 09

 27 ~~Epc: 43.6N, 147.6E H= 01h
 28m 34.1s (USCGS) KURILE ISL
 ANDS Depth= N, Mag=4.7 (CGS)~~

NDI iP 01 38 19.0 D

 27 Epc: 43.7N, 147.5E H= 02h
 31m 20.7s (USCGS) KURILE
 ISLANDS Depth= 40 Kms,
 Mag= 4.6 (CGS)

NDI eP 02 41 04

 27 Epc: 43.7N, 147.6E H = 03h
 26m 16.1s (USCGS) KURILE
 ISLANDS Depth= 50 Kms,
 Mag= 5.0, Ms=4.8 (CGS)

 CHA iP 03 35 16 C
 NDI iP 03 35 58.0 C
 POO eP 03 36 57
 KOD iP 03 37 16

 27 Epc: 43.7N, 147.6E H= 03h
 32m 37.7s (USCGS) KURILE
 ISLANDS Depth= 50 Kms,
 Mag= 4.9 (CGS)

 CHA iP 03 41 36 C
 NDI eP 03 42 20.0
 POO eP 03 43 18
 KOD iP 03 43 37

27 TOC eP 06 43 53

 DATE STN PHASE H. M. S. △
 Deg:

 CHA iP 06 44 08.8 D 7.0
 S: 45 29.9 M= 4³/₄
 NDI eP 06 46 05 14.9
 eS 48 52
 POO eP 06 50 23

 27 Epc: 4.3 S, 104.6E H= 13h
 23m 12.5s (USCGS) SOUTHERN
 SUMATRA Depth= 188 Kms,
 Mag= 5.6 (CGS)

 MDR iP 13 29 04 D 29.8
 eS 33 46

VIS iP 13 29 07 D

KOD iP 13 29 13 DSE

 SHL iP 13 29 23 32.8
 eS 34 20

 TOC eP 13 29 28 32.5
 eS 34 26

 BOK iP 13 29 35 DSE 33.0
 iS 34 41

 CHA iP 13 29 52 35.0
 eS 35 10

POO iP 13 30 23.0 D

 BOM eP 13 30 26 39.5
 iS 36 07

 NDI eP 13 30 45 42.5
 eS 36 42

 27 Epc: 17.3S, 70.1W H= 15h 55m
 44.1s (USCGS) NEAR COAST OF
 Peru, FELT AT AREQUIPA.
 Depth= 152 Kms, Mag= 4.9 (CGS)

POO ePKP 16 15 07

NDI iPKP 16 15 10.5

AUGUST, 1969

-34-

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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	KOD	PkP	16 15 15			NDI	eP	22 37 54	8.3	
	MDR	eP	16 15 22				iS	39 22		
27	POO	eP	16 48 06			CHA	iP	22 39 40	C 16.2	
							eS	42 31		
27	SHL	iP	19 21 54	D		BOK	eP	22 40 10		
27	Epc=28.7N, 143.8E H=19h 23m 10.6s (USCGS) BONIN ISLANDS REGION Depth =20kms, Mag=5.4(CGS)						SHL	iP	22 40 26	DSE
	SHL	iP	19 31 33	CSW		VIS	eP	22 40 41	21.4	
	CHA	iP	19 32 06				eS	44 26		
	BOK	eP	19 32 20	52.1		KOD	eP	22 41 21.0		
		eS	39 40		27	Epc=35.4N, 71.4E H=23h 53m 13.7s(USCGS) WEST PAKISTAN Depth =N				
	NDI	iP	19 33 01	W		BHK	eP	23 54 08.0	3.5	
							eS	54 48.0		
	MDR	eP	19 33 25	61.3		NDI	eP	23 55 16	08.3	
		eS	41 43				eS	56 45		
	POO	iP	19 33 45	C		CHA	iP	23 57 01	C 16.2	
	KOD	eP	19 33 49.0				eS	59 51		
27	Epc=34.9N, 141.1E H=19h 51m 02.7s(USCGS) OFF EAST COAST OF HONSHU Japan, Depth=57kms, Mag=5.0 (CGS)						SHL	iP	23 57 48	DE
	SHL	eP	19 58 56			BOK	e	00 00 08		
	NDI	iP	20 00 20	D	28	POO	e	00 00 49		
	POO	eP	20 01 12		28	SHL	iP	01 36 49	DNE	
	KOD	iP	20 01 23	C		Epc=39.1N, 73.6E H=03h 58m 34.8s(USCGS) TADZHIK SINKIANG BORDER REGION Depth =20kms, Mag=5.1(CGS)				
27	Epc=35.4N, 71.4E H=22h 35m 53.6s (USCGS) WEST PAKISTAN Depth =55kms, Mag=5.2(CGS)					BHK	eP	04 00 37.0		
	BHK	eP	22 37 40	3.8			e	02 30.0		
		eS	38 26			DDI	iP	04 00 52	D 9.5	
	DDI	eP	22 37 45.3				eS	02 40		
						NDI	eP	04 01 09	DN 10.8	
							PP	01 18		
							eS	03 12		
							SS	03 23		

.A UGUST, 1969

-35-

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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	SEH	eP	04 02 17	16.0	28	SHL	iP	09 23 15	DSW
		PP	02 31						
		eS	05 17			CHA	iP	09 29 09.8	C 7.4
		SS	05 40				ES	30 33.9	
	BNS	eP	04 02 26	16.6		TOC	eP	02 29 11	
	CHA	iP	04 02 28	16.7	28	NDI	e	09 33 51	
		S	05 27	H= 6 $\frac{1}{2}$	28	BOK	iP	10 28 21	
	BOK	eP	04 02 52	18.7	28	POO	eP	10 57 04	
		iS	06 19		28	NDI	eP	11 28 19	
	SHL	iP	04 03 12	20	28	KOD	iP	13 14 46.5	CE
		iS	07 00		28	Epc= 31.5S, 177.9W H =13h 54m 11.0s (USCGS) KERMADEC ISLANDS Depth =29kms, Mag=5.3 Ms=5.9(CGS), Mag= 6.0 (PAS)			
	POO	eP	04 03 14	20.7		BOK	ePP	14 12 48	
		eS	07 02			NDI	ePKP	14 12 58	
	BOM	eP	04 03 17	20.8		MDR	e	14 13 34	
		PP	03 37			BOM	ePP	14 14 02	
		PPP	03 46			KOD	ePP	14 15 44	
		iS	06 59				eSKS	19 20	
		SS	07 30			KOD	eSKS	14 19 20	6.2
	OAL	eP	04 03 21	21.2		TRD	eSKS	14 19 24	
		eS	07 08		28	SHL	iP	16 13 18	DE
	TOC	eP	04 03 25		28	Epc=43.7N, 147.7E H=16h 15m 47.2s (USCGS) KURILE ISLANDS Depth =N, Mag=4.1(CGS)			
	VIS	eP	04 03 43	23.5		NDI	eP	16 25 32	
		ePP	04 20		28	SHL	iP	17 52 17	D
		iS	07 52		28	SHL	iP	19 54 54	D
	MDR	eP	04 04 23	27.8	28	CHA	iP	21 33 19	C
		eS	09 02		28	SHL	eP	21 40 20	
	KOD	eP	04 04 36.1						
	TRD	e	04 11 16						
28	Epc= 39.2N, 73.9E H=04h 06m 21.9s(USCGS) TADZHIK SINKIAN BORDER REGION Depth =26kms, Mag=5.1(CGS)								
	NDI	eP	04 08 58	10.9					
		eS	11 00						
28	NDI	iP	04 54 10.0	C					
28	BOM	e	08 19 16						
28	BOK	iP	08 34 25						

AUGUST, 1969

-36-

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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28	Epc=43.5N, 147.7E H=21h 35m 23.4s (USCGS) KURILE ISLANDS Depth =52kms, Mag=4.9(CGS)					SHL	iP	10 03 48	DNE
	SHL	iP	21 44 02	NE		CHA	iP S	10 04 46 06 11	DNE 08.0
	CHA	iP	21 44 21			CAL	iP iS	10 04 48 06 13	08.1
	BOK	e	21 44 45			BOK	iP PP PPP S	10 05 06.1 05 15 05 22.0 06 32	DNE 9.5
	NDI	eP	21 45 07			SS		07 07	
	POO	eP	21 46 05			SSS		07 16	
	BOM	eP	21 46 05			BNS	iP	10 05 31	
	KOD	iP	21 46 25	CE		VIS	iP PP eS	10 06 14 06 23 08 49	D 14.5
28	MDR	e	21 54 51			PBA	eP eS	10 06 28 09 03	15.5
		e	22 17 31			DDI	iP iS	10 06 33 09 24	16.0
29	BHK	eP eS	00 39 22 39 58	3.0		NDI	iP iS	10 06 39 09 32.0	D 16.4 M=6.1
	DDI	iP i	00 39 45.8 41 00.8	D		SEH	iP	10 06 49	C
	NDI	eP iS	00 39 52 41 18	7.5		BHK	eP eS	10 06 52 10 00	17.6
	POO	eP	00 41 55			MDR	eP	10 07 18	20
	CHA	iP	00 42 44	C		PP		07 42	
29	BOK	i	01 51 25			eS		10 47	
29	Epc= 43.4N, 147.6E H=03h 09m 10.4s (USCGS) KURILE ISLANDS Depth=65kms, Mag=4.6(CGS)					SS		11 24	
	SHL	iP	03 17 47	CS		POO	FOO eP eS	10 07 38 11 35	22.0
	NDI	iP	03 18 54	C		BOM	iP eS	10 07 48 11 51	23.0
	POO	eP	03 19 49			GOA	eP	10 07 55	
29	Epc=26.3N, 96.1E H=10h 02m 49.6s (USCGS) BURMA Depth=73kms, Mag=5.4(CGS) TOC ePg 10 03 23 -1.7 03 45					KOD	iP	10 07 59	H
					29	Epc=10.3S, 111.9E H=10h 58m 22.7s (USCGS) SOUTH OF JAVA Depth =36kms			

AUGUST, 1969

---37---

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
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	SHL	iP	11	06	01	C		GOA	iP	07	20	42	52.2
								S			28	00	
	P00	eP	11	06	56			CAL	eP	07	20	59	53.7
									eS		28	37	
29	Epc= 1.6N, 126.5E H=12h 1515m 54.9s(USCGS) MOLUCCA PASSAGE Depth =N, Mag=4.9(CGS)							BOK	iP	07	21	03	CSW 54.0
								S			28	38	
	SHL	iP	12	23	36	C		BNS	iP	07	21	04	
29	CHA	iP	13	46	03	D		DDI	iP	07	21	15	D 56
								iS			28	00	
29	P00	e	15	29	45			PBA	eP	07	21	22	
29	NDI	i	15	29	48			SEH	eP	07	21	40	
		i		33	25								
29	NDI	eP	16	53	43	9.0		MDR	eP	07	22	19	65.2
		eS		55	26				eS		31	02	
29	P00	ePg	17	38	57.5			P00	iP	07	22	25	C
29	SHL	eP	17	57	17			BOM	iP	07	22	27	CNE 66.5
									eS		31	13	
29	SHL	iP	19	11	15	D		GOA	eP	07	22	35	68
	NDI	i	19	12	18				PP		25	10	
	P00	e	19	12	53				PPP		26	47.0	
29	SHL	iP	23	14	11	D			eS		31	35.3	
30	NDI	eP	01	45	43			KOD	eP	07	22	43	
30	Epc= 43.6N, 142.9E H= 06h 52m 34.7s (USCGS) KURILE ISLANDS Depth = 38kms, Mag= 5.0(CGS)						30	TRD	eP	07	22	53	70.7
									eS		32	05	
	SHL	iP	07	01	15	C		Epc= 43.7N, 147.9E, H= 07h 41m 43.4s (USCGS) KURILE ISLANDS Depth =N, Mag=5.0 (CGS)					
	P00	e	07	03	19			SHL	iP	07	50	25	CSW
	KOD	iP	07	03	37			CHA	iP	07	50	47	C
30	VIS	iP	07	19	42	DE		KOD	iP	07	52	48	C
30	Epc= 43.7N, 147.8E H= 07h 11m 39.5s(USCGS) KURILE ISLANDS Depth=N, Mag= 5.4 (CGS)						30	Epc=43.4N, 146.5E H=07h 54m 29.5s (USCGS) KURILE ISLANDS Depth. = 43kms, Mag=5.5(CGS)					
	SHL	iP	07	20	20	CS 48.0		SHL	iP	08	03	02	C

AUGUST, 1969

-38-

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	CHA	iP	08 03 25		30	Epc= 14.2S, 73.3W H =16h 06m 53.5s (USCGS) Peru Depth =92kms, Mag= 4.6(CGS)			
	SEH	iP	08 03 31	C		POO	ePkP16	26 31	
	MDR	eP	08 05 01			NDI	ePkP	16 26 34	
	POO	iP	08 05 26	C	30	NDI	eP	16 55 52	7.5
	KOD	iP	08 05 26	CS		iS		57 18	
30	VIS	iP	08 36 08	CE	30	SHL	eP	17 59 15	
30	Epc= 43.6N, 146.5E H= 08h 28m 06.5s (USCGS) KURILE ISLANDS Depth =N, Mag=5.4 Ms=5.8 (CGS)				30	Epc= 43.8N, 147.9E, H= 18h 40m 52.1s (USCGS) KURILE ISLANDS Depth =25kms, Mag=4.5(CGS)			
	SHL	iP	08 36 47	C		SHL	iP	18 49 33	D
	CHA	iP	08 37 11	C		NDI	eP	18 50 39	
	BOK	iP	08 37 29	CSW 54.0	30	NDI	eP	19 12 00	
	S		45 04		30	CHA	iP	23 49 35	D
	MDR	eP	08 38 44		31	Epc= 3.4S, 139.9E H =23h 55m 49.6s (USCGS) WEST NEW GUINEA Depth=30kms, Mag=5.1(CGS)			
	POO	eP	08 38 50	C		SHL	iP	00 05 19	D
	KOD	iP	08 39 09	C	31	NDI	eP	00 21 48	
	BOM	eP	08 39 11		31	Epc= 1.1N, 126.0E H=04h 07m 48.2s (USCGS) MOLUCCA PASSAGE Depth =19kms, Mag=4.9(CGS)			
30	CAL	i	08 45 04			SHL	eP	04 15 31	
30	KOD	eP	08 59 08.8			KOD	eP	04 16 37	
30	POO	e	10 44 08			NDI	iP	04 17 11	C
30	KOD	eP	10 44 57			POO	eP	04 17 11	
30	BHK	eP	10 55 59.0		31	CHA	iP	08 01 57	C
30	Epc= 5.75, 148.3E H= 12h 51m 57.9s(USCGS) NEW BRITAIN REGION Depth= 167 kms, Mag=5.2(CGS)				31	NDI	e	08 52 33	
	SHL	iP	13 02 07	DE		i		52 45	
	POO	eP	13 03 34						
30	POO	ePg	14 15 22						

AUGUST, 1969

-39-

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
31		Epc=18.8S, 169.0E NEW HEBRIDES ISLANDS FELT AT TANNA (USCGS) Depth=207kms, Mag=5.0(CGS) H=10h 52m 55.2s.						NDI	iP	13	12	5	40.9
									pP		13	00	
									eS		18	51	
								DDI	eP	13	12	52	
31	SHL	iP	01	05	19	00	31		Epc=18.2S, 168.1E H=19h 58m 17.4s (USCGS) NEW HEBRIDES ISLANDS FELT AT PORTVILA Depth=32 kms, Mag=4.9(CGS)				
31	SHL	iP	11	46	03	C		SHL	eP	20	10	57	
31		Epc==11.3N, 125.9E H=11h 42m 42.3 (USCGS) SAMAR? PHILIPPINE ISLANDS Depth=52kms, Mag=4.9(CGS)					31	SHL	iP	20	17	55	D
	SHL	iP	11	49	18	D	31		Epc=43.4N, 146.7E H=22h 17m 04.7s (USCGS) KURILE ISLANDS Depth=59 kms, Mag=4.7(CGS)				
31		Epc= 4.5S, 102.3E H=13h 05m 08.6s(USCGS) SOUTHERN SUMATRA Depth=64 kms, Mag=5.5(CGS)						SHL	eP	22	25	37	
	MDR	eP	13	10	58	28.1		CHA	eP	22	25	49	
		eS		15	37			NDI	iP	22	26	43	DE
	KOD	eP	13	11	04.0					26	53		
	SHL	iP	13	11	26			P00	eP	22	27	41	
	BOK	eP	13	11	35	32.5		KOD	iP	22	28	00.5	D
		eS		16	45								
	P00	eP	13	12	07		31	SHL	iPg	23	37	59	D 0.8
									eS		38	10	

 EARTHQUAKE FELT REPORTS
 (Non-Instrumental)

Following is the List of earthquakes those were reported by Voluntary Observers from different Station during the Month of August, 1969

S.No.	Station	Date G.M.T	Time G.M.T.	No of Shocks	Duration in Sec.	Intensity M.M.Scale	Remarks.
1.	C.S.C.S.O. Shillong	15.8.69	5-58	One	10	III	
2.	Mohanbari	29.8.69	10-06	One	4	III	Coming from W-E

AUGUST, 1969

40.

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station : BOKARO									
01	00	3	0.8	4.8	12	00	...	-	-
	06	3	0.8	4.8		06	...	-	-
	12	3	0.7	4.8		12	...	-	-
	18	3	0.6	4.8		18	3	0.3	4.8
02	00	...	-	-	13	00	...	-	-
	06	3	0.7	4.7		06	3	0.5	3.0
	12	3	0.7	4.4		12	3	0.9	2.9
	18	3	0.6	4.7		18	3	0.5	3.0
03	00	3	0.7	5.0	14	00	...	-	-
	06	3	0.6	4.4		06	3	0.5	4.1
	12	3	0.7	4.6		12	3	0.6	4.1
	18	3	0.5	4.7		18	3	0.4	3.8
04	00	3	0.5	4.3	15	00	3	0.3	3.6
	06	3	0.6	5.0		06	...	-	-
	12	3	0.6	5.3		12	...	-	-
	18	...	-	-		18	3	0.3	3.9
05	00	3	0.6	4.7	16	00	3	0.3	3.8
	06	3	0.6	5.2		06	3	0.3	4.4
	12	3	0.6	4.6		12	3	0.3	5.1
	18	...	-	-		18	3	0.3	3.6
06	00	3	0.6	4.9	17	00	3	0.3	4.5
	06	3	0.6	4.7		06	3	0.2	4.4
	12	3	0.7	5.4		12	3	0.3	4.9
	18	3	0.7	5.0		18	3	0.2	4.6
07	00	3	0.7	4.6	18	00	3	0.3	4.5
	06	3	0.7	4.8		06	3	0.3	4.5
	12	3	0.7	5.1		12	3	0.3	5.1
	18	3	0.7	4.9		18	3	0.3	4.8
08	00	3	0.7	4.6	19	00	3	0.3	4.6
	06	3	0.8	4.3		06	3	0.3	4.8
	12	3	0.9	4.5		12	3	0.4	4.9
	18	3	0.7	4.7		18	3	0.4	4.5
09	00	3	0.7	4.1	20	00	3	0.4	4.8
	06	3	0.6	4.7		06	3	0.3	4.4
	12	3	0.6	4.6		12	3	0.4	4.4
	18	3	0.7	4.7		18	3	0.4	4.6
10	00	3	0.6	4.9	21	00	3	0.3	4.4
	06	3	0.6	5.0		06	3	0.3	4.1
	12	3	0.7	4.8		12	3	0.3	4.4
	18	3	0.6	5.2		18	3	0.3	4.5
11	00	3	0.5	5.1	22	00	3	0.3	4.8
	06	3	0.6	5.0		06	3	0.3	4.9
	12	3	0.5	4.9		12	3	0.3	5.2
	18	3	0.6	5.2		18	3	0.3	5.2

AUGUST, 1969

41

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION: BOKARO					Contd				
23	00	3	0.3	4.9	12	3	2.0	4.0	
	06	3	0.3	4.4			1.5	2.9	
	12	3	0.3	4.6			0.5	2.0	
	18	3	0.3	4.9	18	3	2.0	3.9	
24	00	3	0.3	4.8			1.5	2.9	
	06	3	0.3	4.6			0.6	2.0	
	12	3	0.2	4.9	02	00	Shock in Progress		
	18	3	0.2	4.3		06	3	2.0	3.8
25	00	3	0.2	4.0			1.3	2.9	
	06	3	0.3	4.6			0.4	2.0	
	12	3	0.1	4.2	12	3	2.0	3.9	
	18	3	0.2	4.4			1.4	2.8	
26	00	3	0.1	4.4			0.4	2.0	
	06	3	0.1	4.2	18	3	1.9	3.8	
	12	3	0.2	3.9			1.3	3.0	
	18	3	0.1	3.6			0.5	2.0	
27	00	3	0.1	3.8	03	00	3	1.9	3.8
	06	...	-	-			1.3	2.9	
	12	3	0.2	4.2		06	3	0.5	2.0
	18	3	0.1	3.7			1.9	3.8	
28	00	3	0.1	3.8			1.3	2.7	
	06	3	0.2	4.2			0.7	2.0	
	12	3	0.1	3.9	12	3	1.9	3.8	
	18	3	0.2	5.1			1.5	2.8	
29	00	3	0.3	5.4			0.5	2.0	
	06	3	0.2	4.9	18	3	1.9	3.8	
	12	3	0.1	4.4			1.5	3.0	
	18	3	0.3	5.9			0.6	2.0	
30	00	3	0.1	4.2	04	00	3	1.9	3.9
	06	3	0.3	4.4			1.5	2.9	
	12	3	0.2	4.3			0.6	2.0	
	18	3	0.1	4.4	03	3	1.9	3.9	
31	00	3	0.1	4.3			1.3	3.0	
	06	3	0.2	4.3	12	3	1.9	3.9	
	12	3	0.1	3.7			1.3	2.8	
	18	3	0.1	4.1	18	Shock in Progress			
STATION: BOMBAY					05	00	3	1.6	3.8
01	00	3	1.9	4.0			1.1	3.0	
			1.4	2.8			1.5	3.8	
			0.5	2.0			1.1	3.0	
	06	3	2.0	3.8	12	3	0.7	2.0	
			1.5	2.9			1.5	3.8	
			0.5	2.0			1.1	3.0	
					18	3	0.8	2.2	
							1.6	4.0	
							1.0	2.9	
					6	00	3	1.5	4.0

AUGUST, 1969

-42-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in Sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station: BOMBAY					Cont				
06	00	3	1.5	4.0				0.5	2.0
			1.0	3.0		12	3	1.7	3.9
			0.5	2.0				1.3	3.0
12	06	3	1.5	3.9		18	3	0.6	2.1
			1.2	3.0				1.6	3.8
			0.5	2.0				1.1	3.0
	12	3	1.7	4.0				0.7	2.2
			1.3	2.8	11	00	3	1.7	3.8
			0.6	2.0				1.2	2.9
	18	3	1.6	3.9				0.6	2.0
			1.1	3.0		06	3	1.6	3.9
			0.6	2.0				1.1	3.0
07	00	3	1.6	3.8				0.4	2.0
			1.1	2.9		12	3	1.5	3.9
			0.5	2.0				1.1	3.0
	06	3	1.6	3.9				0.5	2.0
			1.1	2.9		18	3	1.5	3.8
			0.5	2.0				1.1	3.0
	12	3	1.7	3.9				0.3	2.0
			1.1	3.0	12	00	Shock in Progress		
			0.6	2.0		06	Shock in Progress		
	18	3	1.6	4.0		12	Shock in Progress		
			1.1	2.9		18	3	1.4	3.8
			0.7	2.0				1.0	2.8
08	00	3	1.7	4.0				0.3	2.0
			1.1	3.0	13	00	Shock in Progress		
			0.5	2.0		06	3	1.3	3.8
	06	3	1.7	4.0				0.9	2.9
			1.1	3.0				0.3	1.6
			0.6	2.0		12	3	1.1	3.9
	12	Shock in Progress						0.9	2.9
	18	3	1.7	4.0		18	3	1.1	4.8
			1.1	2.9				0.9	2.8
			0.7	2.0				0.3	2.0
09	00	3	1.7	4.0	14	00	Shock in Progress		
			1.1	3.0		06	3	1.1	3.7
			0.5	2.0				0.9	2.9
	06	3	1.8	3.9				0.3	1.6
			1.3	3.0		12	3	0.9	3.8
			0.8	2.2				0.7	3.0
	12	3	1.8	3.9				0.2	2.0
			1.3	3.0		18	3	0.9	3.6
			0.5	2.0				0.5	2.0
	18	3	1.7	3.9	15	00	3	1.1	3.7
			1.1	3.0				0.8	2.3
			0.5	2.0		06	3	1.1	3.5
10	00	3	1.7	4.0				0.7	2.8
			1.3	2.9				0.2	2.0
			0.5	2.0		12	3	0.9	3.8
	06	3	1.7	2.9				0.7	2.6
			1.3	3.0				0.2	2.0

AUGUST, 1969

- 43 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont.	18	3	1.1	3.8	Cont.	18	3	0.9	4.0
			0.7	2.6				0.5	3.1
			0.3	1.8				0.9	4.1
16	00	3	1.1	3.9	22	00	3	0.5	3.1
			0.7	2.8				1.0	4.1
	06	3	1.0	3.7		06	3	0.4	2.9
			0.7	2.7				0.9	4.0
	12	3	1.0	3.9		12	3	0.5	3.1
			0.7	2.9				0.9	4.0
	18	3	0.9	3.8		18	3	0.5	3.1
			0.6	2.8	23	00	3	0.9	4.0
17	00	3	0.9	3.9				0.4	3.1
			0.5	3.0		06	3	0.7	4.0
	06	3	0.9	3.8				0.3	3.0
			0.6	2.8		12	3	0.6	4.0
			0.2	2.0				0.3	2.7
	12	Shock in Progress				18	3	0.6	4.0
	18	3	0.8	4.0				0.4	3.0
			0.6	3.0	24	00	3	0.6	4.1
18	00	3	0.8	4.0				0.3	3.1
			0.5	3.0		06	3	0.5	4.0
	06	3	0.8	3.9				0.3	2.9
			0.5	3.0		12	3	0.5	3.8
			0.2	2.0				0.2	2.0
	12	3	0.9	3.9		18	3	0.5	4.0
			0.5	3.0				0.3	3.0
	18	3	0.9	4.0	25	00	3	0.5	3.9
			0.5	3.0				0.3	2.8
19	00	3	0.9	4.0		06	3	0.5	3.9
			0.5	3.0				0.3	2.7
	06	3	0.9	4.0		12	3	0.5	3.9
			0.5	3.0				0.3	2.9
	12	3	1.0	4.0		18	3	0.4	3.6
			0.5	3.1				0.3	2.0
	18	3	0.9	4.0	26	00	3	0.4	3.9
			0.6	3.2				0.3	2.9
20	00	3	1.0	4.0		06	3	0.4	3.8
			0.7	3.2				0.3	3.0
	06	3	1.0	4.0				0.1	2.0
			0.5	3.0		12	3	0.4	3.9
	12	3	1.0	4.1				0.3	2.9
			0.5	3.2				0.1	2.1
	18	3	1.1	4.0		18	3	0.7	2.9
			0.5	3.2				0.4	2.0
21	00	3	1.1	4.2	27	00	3	0.7	2.8
			0.6	3.3				0.3	2.0
	06	3	1.1	4.2		06	3	0.9	3.0
			0.6	3.0				0.5	2.2
	12	3	1.1	4.1		12	3	0.9	3.1
			0.5	3.1				0.5	2.2
						18	3	0.8	2.9
								0.4	2.1

AUGUST, 1969

- 44 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
28	00	3	0.6	2.9	Cont.	06	3	0.5	2.0
			0.5	2.1				0.7	4.0
	06	3	0.3	3.9		12	3	1.1	4.4
			0.3	2.9		18	3	0.2	2.0
	12	3	0.3	3.8				1.0	4.6
			0.2	2.2	07	00	3	0.6	2.5
	18	Shock in Progress						1.3	4.0
29	00	3	0.3	3.9		06	3	1.6	4.0
			0.3	2.9		12	3	1.1	4.0
	06	3	0.3	3.9		18	3	1.7	4.4
			0.3	2.1	08	00	3	1.6	4.0
	12	3	0.4	2.1		06	3	2.0	3.8
	18	3	0.4	4.0		12	3	2.8	4.0
			0.3	2.1		18	3	2.5	4.4
30	00	3	0.3	4.0	09	00	3	2.9	4.0
			0.3	2.0		06	...	-	-
	06	3	0.3	3.9		12	...	-	-
			0.3	2.0		18	...	-	-
	12	Loss of record			10	00	...	-	-
	18	3	0.4	3.8		06	...	-	-
			0.3	2.0		12	3	0.5	3.0
31	00	3	0.5	3.7		18	3	1.1	5.0
			0.3	2.1				0.6	3.9
	06	3	0.5	2.6		06	3	0.3	2.0
			0.2	1.7				0.6	4.5
	12	3	0.5	2.3	11	00	3	0.2	2.0
	18	3	0.5	2.1				0.6	3.9
			0.5	2.1		06	3	0.3	2.0
			0.5	2.1				0.6	4.5
			0.5	2.1		12	3	1.0	5.0
			0.5	2.1		18	3	0.5	3.0
			0.5	2.1				0.5	4.0
			0.5	2.1	12	00	3	0.6	2.0
			0.5	2.1				0.8	4.0
			0.5	2.1		06	...	-	-
			0.5	2.1		12	...	-	-
			0.5	2.1		18	3	0.5	3.0
			0.5	2.1				0.5	4.0
			0.5	2.1	13	00	3	0.6	2.0
			0.5	2.1				0.8	4.0
			0.5	2.1		06	3	2.2	3.0
			0.5	2.1		12	3	3.5	2.6
			0.5	2.1		18	3	0.7	2.0
			0.5	2.1				2.4	3.8
			0.5	2.1	14	00	3	1.6	3.0
			0.5	2.1				2.9	3.8
			0.5	2.1		06	3	2.0	4.0
			0.5	2.1		12	3	1.9	4.0
			0.5	2.1		18	3	2.5	4.0
			0.5	2.1	15	00	3	1.9	3.5
			0.5	2.1		06	3	1.7	3.0
			0.5	2.1				1.7	3.0
			0.5	2.1				1.7	3.0

STATION : CALCUTTA

01	00	3	2.4	4.2
	06	3	2.3	4.2
	12	3	2.8	5.0
	18	3	2.6	4.2
02	00	3	2.3	4.0
	06	3	2.1	4.4
	12	3	2.4	4.4
	18	3	2.1	4.4
03	00	3	1.9	5.0
	06	3	1.9	4.0
	12	3	1.9	4.6
	18	3	2.0	4.8
04	00	3	1.2	4.2
	06	3	1.9	4.0
	12	3	1.2	4.0
	18	...	-	-
05	00	3	1.5	4.0
	06	3	1.5	5.0
	12	3	1.3	5.0
	18	3	1.2	4.8
06	00	3	1.1	5.0

AUGUST, 1969

- 45 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	12	3	1.5	3.8	Cont	18	3	0.2	0.6
	18	3	1.2	3.0				0.3	6.0
16	00	3	0.7	3.0	25	00	3	0.2	0.6
	06	3	0.6	3.5				0.3	6.0
	12	3	0.5	4.0		06		-	-
	18	3	0.6	4.0		12	3	0.2	1.0
17	00	3	0.5	3.0				0.3	4.0
	06	3	0.5	2.6		18	3	0.1	1.0
	12	3	0.4	3.0				0.4	4.0
	18	3	0.5	3.0	26	00	3	0.2	1.0
18	00	3	0.7	3.0				0.2	4.0
	06	3	0.2	2.0		06	3	0.2	1.0
			0.5	4.0				0.4	2.0
	12	3	0.5	2.4		12	3	0.3	1.0
			0.7	4.0				0.3	7.0
	18	3	0.3	2.0		18	3	0.2	0.6
			0.5	4.0				0.3	4.5
19	00	3	0.3	2.4	27	00	3	0.3	1.0
			0.5	4.0				0.5	5.0
	06	3	0.5	5.0		06	3	0.3	0.6
	12	3	0.5	4.0				0.5	5.8
	18	3	0.3	2.0		12	3	0.2	1.0
			0.5	4.0				0.3	5.0
20	00	3	0.5	4.0		18	3	0.2	1.0
	06	3	0.5	5.0				0.5	4.5
	12	3	0.5	5.0	28	00	3	0.2	0.6
	18	3	0.5	4.5				0.3	4.5
21	00	3	0.5	2.5		06	3	0.2	1.0
			0.7	4.0				0.5	7.0
	06	3	0.5	5.0		12	3	0.3	0.6
	12	3	0.7	5.0				0.4	8.0
	18	3	0.5	5.0		18	3	0.2	1.0
22	00	3	0.6	6.0				0.3	8.0
	06	3	0.7	4.0	29	00	3	0.2	1.0
	12	3	0.5	5.5				0.3	8.0
	18	3	0.5	5.0		06	3	0.2	0.6
23	00	3	0.4	4.5				0.7	7.0
	06	3	0.2	1.0		12	3	0.2	1.0
			0.3	4.0				0.5	8.0
	12	3	0.2	0.7		18	3	0.3	1.0
			0.3	5.0				0.3	7.0
	18	3	0.2	1.0	30	00	3	0.2	1.0
			0.3	5.0				0.3	6.0
24	00	3	0.2	1.0		06	3	0.3	0.6
			0.3	5.5				0.4	7.5
	06	3	0.2	1.0		12	3	0.2	1.0
			0.5	7.0				0.4	4.0
	12	3	0.2	0.6		18	3	0.2	1.0
			0.3	6.0				0.4	6.0

AUGUST, 1969

46

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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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31	00	3	0.2	1.0	17	00	3	0.9	4.4
			0.3	7.0		06	...	-	-
	06	3	0.3	5.0		12	...	-	-
	12	3	0.3	6.5		18	...	-	-
	18	3	0.2	4.0	18	00	...	-	-
STATION: GOA N-S					21	18	3	0.9	4.8
01	00	3	1.6	4.4	22	00	3	0.7	4.4
	06	...	-	-		06	...	-	-
	12	...	-	-		12	...	-	-
	18	...	-	-		18	3	0.7	4.6
02	00	...	-	-	23	00	3	0.7	4.2
	06	...	-	-		06	...	-	-
	12	...	-	-		12	3	0.6	4.2
	18	...	-	-		18	3	0.6	4.6
03	00	...	-	-	24	00	3	0.6	4.4
	06	3	1.6	4.6		06	3	0.5	3.8
	12	3	1.4	4.4		12	3	0.5	3.6
	18	3	1.4	4.6		18	3	0.5	3.8
04	00	3	1.7	4.4	25	00	3	0.4	3.2
	06	...	-	-		06	3	0.5	3.8
	12	3	1.3	4.4		12	3	0.5	4.0
	18	3	1.5	4.6		18	3	0.6	3.8
05	00	3	1.4	4.2	26	00	3	0.5	3.0
	06	3	1.5	4.6		06	3	0.7	3.2
	12	3	1.5	4.6		12	3	0.7	3.4
	18	3	1.5	4.8		18	3	0.8	3.2
06	00	3	1.5	4.8	27	00	3	0.6	3.0
	06	...	-	-		06	3	0.6	3.4
	12	...	-	-		12	3	0.5	3.0
	18	...	-	-		18	3	0.5	3.2
07	00	...	-	-	28	00	3	0.6	3.2
08	18	...	-	-		06	...	-	-
09	00	3	1.6	4.4		12	3	0.4	3.2
	06	...	-	-		18	3	0.5	3.4
	12	...	-	-	29	00	3	0.5	3.2
	18	...	-	-		06	...	-	-
10	00	...	-	-		12	3	0.6	3.8
14	18	...	-	-		18	3	0.6	4.0
15	00	3	1.2	4.2	30	00	3	0.5	3.4
	06	3	1.0	3.6		06	3	0.5	3.8
	12	3	1.1	4.0		12	3	0.4	3.8
	18	3	0.9	4.0		18	3	0.4	3.4
16	00	3	1.2	4.4	31	00	3	0.5	3.6
	06	3	1.0	4.2		06	...	-	-
	12	...	-	-		12	...	-	-
	18	3	0.8	4.2		18	3	0.6	3.2

AUGUST, 1969

-47-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station: MADRAS					10	00	1	1.3	5.1
01	00	1	1.2	4.9	03	1	1.3	5.1	
	03	1	1.2	4.8	06	1	1.3	5.1	
	06	1	1.1	4.4	12	1	1.3	5.1	
	12	1	1.1	4.4	18	1	1.3	5.3	
	18	1	1.2	4.8					
02	00	1	1.2	4.4	11	00	1	1.3	5.2
	03	1	1.2	4.5	03	1	1.2	5.2	
	06	1	1.2	4.6	06	1	1.2	5.1	
	12	1	1.1	4.6	12	1	1.2	5.1	
	18	1	1.1	4.8	18	1	1.2	5.1	
03	00	1	1.1	4.7	12	00	...	Earthquake	
	03	1	1.0	4.5	03	1	1.1	5.1	
	06	1	1.0	4.9	06	...	Earthquake		
	12	1	1.1	4.7	12	...	Earthquake		
	18	1	1.1	4.7	18	1	0.9	5.2	
04	00	1	1.0	4.6	13	00	1	0.9	5.1
	03	1	1.1	4.6	03	1	0.9	5.0	
	06	1	1.0	4.8	06	1	0.9	5.0	
	12	1	1.0	4.5	12	1	0.9	5.0	
	18	1	0.9	4.4	18	1	0.9	5.0	
65	00	1	0.9	4.7	14	00	2	0.8	5.1
	03	...	Earthquake		03	2	0.9	5.0	
	06	1	1.0	4.8	06	2	1.0	5.0	
	12	1	1.0	4.9	12	2	0.9	4.9	
	18	1	1.0	4.9	18	2	0.8	5.0	
06	00	1	1.1	5.1	15	00	2	0.8	5.0
	03	1	1.2	5.0	03	2	0.8	4.7	
	06	1	1.2	5.0	06	2	0.8	4.7	
	12	1	1.1	5.0	12	2	0.7	4.9	
	18	1	1.1	4.9	18	2	0.8	4.9	
07	00	1	1.1	4.9	16	00	2	0.8	5.0
	03	1	1.1	5.0	03	2	0.8	4.9	
	06	1	1.2	5.1	06	2	0.8	5.0	
	12	1	1.1	5.0	12	2	0.8	5.1	
	18	1	1.1	4.9	18	2	0.7	4.8	
08	00	1	1.1	4.9	17	00	2	0.7	4.8
	03	1	1.0	5.0	03	2	0.7	4.9	
	06	1	1.0	4.9	06	2	0.8	5.0	
	12	1	1.1	4.8	12	2	0.8	4.9	
	18	1	1.1	4.9	18	2	0.7	4.7	
09	00	1	1.1	5.0	18	00	2	0.8	4.9
	03	1	1.1	4.9	03	2	0.7	4.7	
	06	1	1.3	4.9	06	2	0.7	5.0	
	12	1	1.3	5.1	12	2	0.7	5.0	
	18	1	1.1	5.1	18	2	0.7	5.0	

AUGUST, 1969

-48-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Station: MADRAS									
19	00	2	0.8	5.0	27	12	2	0.4	4.0
	03	2	0.7	4.9		12	2	0.5	7.5
	06	2	0.7	4.9		18	2	0.5	7.5
	12	2	0.8	4.9		"	2	0.3	4.1
	18	2	1.0	4.9	28	00	2	0.5	7.7
20	00	1	1.0	4.8		"	2	0.3	4.0
	03	1	1.0	4.7		03	2	0.5	7.8
	06	1	0.9	5.0		"	2	0.2	2.9
	12	1	1.0	4.7		06	2	0.6	7.6
	18	1	1.0	4.6		"	2	0.2	3.0
21	00	1	1.0	4.8		12	2	0.5	7.7
	03	1	1.0	4.7		"	3	0.1	1.7
	06	1	1.0	4.8		18	2	0.5	7.8
	12	1	1.1	4.8		"	3	0.2	2.1
	18	1	1.0	4.9	29	00	2	0.5	7.7
22	00	1	0.9	4.8		"	3	0.1	1.9
	03	2	0.9	5.0		03	2	0.5	7.4
	06	1	1.0	4.8		"	2	0.2	2.1
	12	1	0.9	5.0		06	2	0.5	7.6
	18	2	0.9	4.9		12	3	0.4	1.7
23	00	2	0.8	4.8		18	2	0.4	2.6
	03	2	0.8	5.0	30	00	2	0.4	2.9
	06	2	0.7	4.9		03	2	0.3	3.1
	12	2	0.7	4.9		06	2	0.3	3.0
	18	2	0.7	5.0		"	2	0.4	7.3
24	00	2	0.7	5.0		12	2	0.4	3.1
	03	2	0.7	4.9		18	2	0.4	3.0
	06	2	0.7	4.9	31	00	2	0.4	3.2
	12	2	0.6	5.0		03	2	0.5	3.1
	18	2	0.6	4.9		06	2	0.5	3.4
25	00	2	0.5	4.9		12	2	0.5	3.1
	00	3	0.6	1.5		18	2	0.5	3.2
	03	2	0.4	5.0	Station: PORT BLAIR				
	06	2	0.4	5.0	01	00	3	2.8	3.0
	12	2	0.4	4.8		06	3	2.0	5.0
	18	2	0.4	4.7		12	...	2.4	5.0
26	00	2	0.6	2.8		18	3	1.6	2.0
	03	2	0.7	2.8				2.8	5.0
	06	2	0.6	3.0	02	00	3	2.0	2.0
	12	2	0.5	3.0		06	3	3.6	5.0
	18	2	0.5	3.6		12	3	1.8	3.0
27	00	2	0.4	3.5		18	3	1.6	3.0
	03	2	0.4	3.7				1.8	3.0
	06	2	0.4	3.9				2.0	3.0
						18	3	1.6	3.0

AUGUST, 1969

-49-

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
03	00	3	2.0	3.0	14	00	3	1.6	2.0
			1.6	2.0		06	3	1.6	2.0
	06	...	-	-		12	3	1.6	2.0
	12	2	2.0	3.0		18	3	2.0	2.0
	18	2	2.0	3.0					
04	00	2	2.0	3.0	15	00	3	1.6	3.0
	06	3	2.0	2.0		06	3	2.0	7.0
			2.4	3.0		12	3	1.6	7.0
	12	3	2.4	3.0		18	3	1.6	7.0
	18	...	-	-	16	00	3	1.6	7.0
05	00	2	2.0	3.0		06	3	1.2	7.0
	06	...	-	-		12	3	1.2	5.0
	12	3	2.0	2.0		18	3	1.6	7.0
			2.4	3.0	17	00	3	2.0	7.0
	18	3	2.0	2.0		06	3	1.2	7.0
			1.6	2.0		12	3	1.6	7.0
						18	3	1.2	3.0
06	00	3	2.0	5.0	18	00	3	1.2	3.0
			2.4	3.0		06	3	1.6	7.0
	06	2	2.0	3.0		12	3	2.0	7.0
	12	2	2.0	3.0		18	3	2.0	7.0
	18	2	2.0	3.0	19	00	3	2.0	7.0
07	00	3	2.4	4.0		06	3	2.0	7.0
	06	3	2.2	4.0		12	3	2.0	7.0
	12	2	2.4	3.0		18	3	2.4	7.0
	18	2	2.0	3.0	20	00	3	2.0	7.0
08	00	2	2.4	3.0		06	3	2.0	7.0
	06	3	2.0	4.0		12	3	1.6	5.0
	12	3	2.0	4.0		18	...	-	-
	18	3	2.2	3.0	21	00	3	1.6	2.0
09	00	3	2.2	3.0		06	...	-	-
	06	3	2.4	4.0		12	3	1.2	2.0
	12	3	2.0	4.0		18	3	1.2	5.0
	18	3	2.2	3.0	22	00	3	1.6	7.0
10	00	2	2.4	3.0		06	...	-	-
	06	3	1.8	4.0		12	2	1.2	2.0
	12	3	2.0	4.0		18	2	1.2	2.0
	18	3	2.0	3.0	23	00	3	1.6	2.0
11	00	2	2.0	3.0		06	2	2.0	5.0
	06	3	2.0	3.0		12	3	1.6	5.0
	12	3	1.6	3.0		18	3	1.8	5.0
	18	2	1.6	2.0	24	00	3	1.6	3.0
12	00	...	-	-		06	3	1.6	4.0
	12	...	-	-		12	3	1.8	6.0
	18	2	1.6	2.0		18	3	1.9	6.0
13	00	2	1.6	2.0	25	00	3	1.8	7.0
	06	...	-	-		06	3	1.8	7.0
	12	2	1.6	2.0		12	3	1.8	7.0
	18	3	2.0	3.0		18	...	-	-

AUGUST, 1969

- 50 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
26	00	...	-	-	07	00	3	0.5	5.0
	06	3	1.8	7.0		06	...	-	-
	12	3	2.0	7.0		12	...	-	-
	18	3	1.6	7.0		18	3	0.5	5.0
27	00	3	2.0	7.0	08	00	3	0.5	5.0
	06	3	1.8	7.0		06	3	0.4	4.2
	12	3	2.6	6.0		12	3	0.4	4.2
	18	3	2.0	7.0		18	3	0.4	4.2
28	00	3	2.2	7.0	09	00	3	0.4	4.2
	06	3	2.0	8.0		06	3	0.4	4.2
	12	3	2.0	7.0		12	3	0.4	4.2
	18	3	2.2	5.0		18	...	0.4	4.2
29	00	2	2.0	7.0	10	00	...	-	-
	06	3	2.0	7.0		06	3	0.4	4.2
	12	3	1.9	7.0		12	3	0.4	4.4
	18	3	2.0	3.0		18	3	0.4	4.4
30	00	3	1.5	3.0	11	00	3	0.4	4.2
	06	3	1.2	3.0		06	0,0	0,0	0,0
	12	3	1.2	2.0		12	0,0	0,0	0,0
	18	3	1.2	2.0		18	0,0	eye	0,0
31	00	3	1.2	3.0	12	00	...	-	-
	06	3	1.2	2.0		06	0,0	0,0	0,0
	12	3	1.2	3.0		12	0,0	0,0	0,0
	18	3	1.6	3.0		18	0,0	0,0	0,0
STATION : SHILLONG					13	00	0,0	0,0	0,0
01	00	3	0.7	5.2		06	0,0	0,0	0,0
	06	3	0.7	5.3		12	...	...	-
	12	3	0.7	5.3		18	...	-	-
	18	3	0.7	5.3	14	00	...	-	-
02	00	3	0.7	5.3		06	3	0.4	4.5
	06	3	0.6	5.4		12	3	0.4	4.5
	12	3	0.6	5.4		18	3	0.4	4.5
	18	3	0.6	5.4	15	00	3	0.4	4.5
03	00	3	0.6	5.4		06	3	0.4	4.3
	06	3	0.6	5.4		12	3	0.4	4.3
	12	3	0.6	5.4		18	3	0.4	4.3
	18	3	0.6	5.4	16	00	3	0.4	4.3
04	00	3	0.6	5.4		06	0,0	0,0	0,0
	06	...	-	-		18	0,0	0,0	0,0
	18	...	-	-	17	00	0,0	0,0	0,0
05	00	...	-	-		06	...	-	-
	06	3	0.5	5.0		18	...	-	-
	12	3	0.5	5.0	18	00	...	-	-
	18	3	0.5	5.0		06	0,0	0,0	0,0
06	00	3	0.5	5.0		18	0,0	0,0	0,0
	06	3	0.5	5.0	19	00	0,0	0,0	0,0
	12	3	0.5	5.0		06	3	0.4	4.2
	18	3	0.5	5.0		12	3	0.4	4.2

AUGUST, 1969

- 51 -

DATE	TIME	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	TIME	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	18	3	0.4	4.2	Cont.	18	2	2.1	4.3
20	00	3	0.4	4.2	04	00	2	2.3	4.2
	06	3	0.4	4.2		06	2	2.1	4.4
	12	3	0.4	4.2		12	2	1.7	4.3
	18	3	0.4	4.7		18	...	Earthquake	
21	00	3	0.4	4.7	05	00	2	2.1	4.5
	06	3	0.5	5.1		06	2	2.1	4.8
	12	3	0.5	5.1		12	2	2.1	4.9
	18	3	0.5	5.1		18	1	2.8	5.1
22	00	3	0.4	5.0	06	00	1	2.3	5.1
	06	3	0.4	4.8		06	1	2.7	5.1
	12	3	0.4	4.8		12	1	2.8	5.0
	18	3	0.4	4.8		18	1	2.2	5.1
23	00	0,0	0,0	0,0	07	00	1	2.3	5.1
	06	3	0.4	4.8		06	1	2.1	4.9
	12	3	0.4	4.8		12	1	2.5	4.9
	18	3	0.4	4.8		18	1	2.3	4.9
24	00	3	0.4	4.8	08	00	1	2.1	4.8
	06	0,0	0,0	0,0		06	1	2.6	4.8
	18	0,0	0,0	0,0		12	1	2.9	4.8
25	00	0,0	0,0	0,0		18	1	2.9	4.7
	18	0,0	0,0	0,0	09	00	1	2.5	4.7
26	00	0,0	0,0	0,0		06	1	3.0	5.0
	06	0,0	0,0	0,0		12	1	3.0	5.0
	12	3	0.4	4.6		18	1	3.1	5.0
	18	3	0.4	4.6	10	00	1	3.0	5.0
27	00	3	0.4	4.6		06	1	3.3	5.1
	06	3	0.4	4.6		12	1	3.2	5.1
	12	3	0.4	4.6		18	1	2.3	5.2
	18	3	0.4	4.6	11	00	1	3.0	5.3
28	00	3	0.4	4.6		06	2	2.5	5.5
	06	0,0	0,0	0,0		12	2	2.7	5.3
	18	0,0	0,0	0,0		18	2	2.6	5.0
29	00	0,0	0,0	0,0	12	00	...	Earthquake	
30	00	0,0	0,0	0,0		06	...	Earthquake	
31	18	0,0	0,0	0,0		12	...	Surface waves	
						18	2	1.7	5.2
STATION : TRIVANDRUM					13	00	2	1.6	5.1
01	00	2	1.5	4.5		06	2	1.6	5.1
	06	2	1.9	4.4		12	2	1.9	5.3
	12	2	2.3	4.5		18	2	1.5	5.3
	18	2	2.4	4.8	14	00	2	1.5	5.2
02	00	2	2.3	4.8		06	2	1.4	5.2
	06	2	2.4	4.6		12	2	1.4	4.9
	12	2	2.3	4.8		18	2	1.2	5.2
	18	2	2.3	4.8	15	00	2	1.0	5.0
03	00	2	2.1	4.6					
	06	2	2.0	4.6					
	12	2	2.0	4.5					

AUGUST, 1969

- 52 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	06	2	1.1	5.1	Cont	12	2	0.6	3.9
	12	2	1.0	5.1		18	2	0.6	4.2
	18	2	1.1	5.0					
16	00	2	1.0	4.9	28	00	2	0.5	4.1
	06	2	1.1	5.1		06	2	0.5	4.0
	12	2	1.0	4.9		12	2	0.4	4.1
	18	2	1.0	5.0		18	2	0.4	4.1
17	00	2	0.9	5.0	29	00	2	0.4	4.0
	06	2	Power failure			06	2	Power failure	
	12	2	1.0	5.3		12	2	0.5	4.1
	18	2	1.1	5.0		18	2	0.6	4.1
18	00	2	1.3	5.1	30	00	2	0.6	3.8
	06	2	1.6	5.1		06	2	0.6	4.5
	12	2	2.1	5.1		12	2	0.6	4.4
	18	2	1.8	5.0		18	2	0.6	4.2
19	00	2	2.1	5.0	31	00	2	0.6	4.2
	06	2	2.0	4.8		06	2	0.7	4.1
	12	2	2.3	4.9		12	2	0.7	4.1
	18	2	2.4	4.7		18	2	0.6	4.2
20	00	2	2.2	4.5	STATION : VISAKHAPATNAM				
	06	2	2.0	4.4	01	00	1	0.9	4.5
	12	2	2.8	4.7		06	3	0.8	4.4
	18	2	2.1	4.4		12	3	0.8	4.5
21	00	2	2.3	4.4		18	3	0.8	4.3
	06	2	1.8	4.6	02	00	3	0.8	4.4
	12	2	1.8	4.8		06	2	0.7	4.4
	18	2	1.7	4.7		12	2	0.7	4.5
22	00	2	1.7	5.0		18	2	0.7	4.5
	06	2	1.6	5.0	03	00	2	0.7	4.5
	12	2	1.4	5.0		06	2	0.8	4.4
	18	2	1.2	5.0		12	2	0.7	4.4
23	00	2	1.3	4.8		18	2	0.7	4.2
	06	2	1.3	5.1	04	00	2	0.7	4.4
	12	2	1.1	4.8		06	2	0.7	4.1
	18	2	1.0	5.0		12	2	0.7	4.1
24	00	2	1.0	5.0		18	2	0.7	4.1
	06	2	0.9	4.9	05	00	2	0.7	4.2
	12	2	0.8	5.0		06	2	0.6	4.0
	18	2	0.6	4.8		12	2	0.7	4.4
25	00	2	0.6	4.7		18	2	1.0	4.5
	06	2	0.7	4.8	06	00	2	0.8	4.4
	12	2	0.7	4.7		06	2	0.7	4.3
	18	2	0.8	4.9		12	2	0.7	4.8
26	00	2	0.7	4.4		18	2	0.7	5.1
	06	2	0.7	4.5	07	00	2	0.7	4.5
	12	2	1.0	4.4		06	3	0.9	5.0
	18	2	1.0	4.2		12	3	0.9	4.7
27	00	2	0.7	4.2					
	06	2	0.3	4.0					

AUGUST, 1969

- 53 -

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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
-----					-----				
Cont	18	2	0.9	4.7	20	00	1	0.3	4.1
08	00	2	0.7	4.5		06	3	0.5	5.1
	06	3	0.9	4.5		12	3	0.5	2.5
	12	3	0.8	4.4		18	3	0.6	3.5
	18	3	0.8	4.5	21	00	3	0.6	3.6
09	00	1	1.0	4.8		06	3	0.3	3.8
	06	1	0.8	4.8		12	3	0.4	3.8
	12	1	0.7	4.7		18	3	0.3	4.4
	18	1	0.8	4.7	22	00	3	0.4	4.2
10	00	1	0.6	4.6		06	2	0.6	4.6
	06	1	0.8	4.6		12	2	0.5	4.6
	12	1	0.6	4.7		18	2	0.5	4.6
	18	1	0.8	4.5	23	00	2	0.5	4.6
11	00	1	0.8	4.8		06	2	0.3	5.1
	06	2	0.8	4.5		12	2	0.3	5.0
	12	2	0.8	4.6		18	2	0.3	5.2
	18	2	0.8	4.6	24	00	2	0.2	5.1
12	00	...	Earthquake			06	2	0.3	4.5
	06		in			12	3	0.3	4.8
	12	...	Progress			18	2	0.2	4.5
	18	2	0.7	4.1	25	00	2	0.3	5.1
13	00	2	0.8	4.1		06	2	0.4	4.6
	06	1	0.3	3.3		12	2	0.4	4.7
	12	1	0.3	3.2		18	2	0.4	4.6
	18	2	0.4	3.4	26	00	2	0.4	4.5
14	00	1	0.3	3.4		06	2	0.5	4.7
	06	1	0.5	3.2		12	2	0.4	4.5
	12	1	0.3	3.3		18	2	0.4	4.4
	18	1	0.3	3.2	27	00	2	0.4	4.3
15	00	1	0.2	3.2		06	2	0.2	4.3
	06	1	0.5	3.1		12	2	0.2	4.4
	12	1	0.5	2.9		18	2	0.3	5.1
	18	1	0.5	3.1	28	00	2	0.2	4.5
16	00	1	0.5	3.3		06	...	Power failure	
	06	1	0.4	3.6		12	1	0.1	1.7
	12	1	0.3	4.4		18	1	0.2	4.2
	18	1	0.3	3.2	29	00	1	0.3	4.6
17	00	1	0.3	3.4		06	2	0.3	5.4
	06	1	0.2	4.2		12	2	0.3	6.1
	12	1	0.3	4.6		18	2	0.5	6.1
	18	1	0.2	4.4	30	00	1	0.2	5.2
18	00	1	0.5	4.5		06	2	0.4	5.3
	06	1	0.3	4.6		12	2	0.3	6.4
	12	1	0.3	4.7		18	2	0.4	5.6
	18	1	0.3	4.4	31	00	1	0.3	4.6
19	00	1	0.3	4.1		06	1	0.2	3.2
	06	1	0.4	4.4		12	1	0.2	2.6
	12	1	0.3	4.6		18	1	0.3	3.3
	18	1	0.3	4.5					

SEPTEMBER, 1969

- 3 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
-----					-----				
01	NDI	(eP)	00 28 29		01	NDI	e	19 20 02	
		eS	29 48		01	EPC:	30.9N, 49.8E		
01	NDI	e	01 21 35				(WESTERN IRAN)		
01	EPC:	11.9N, 125.6E					-H = 23h 16m 10.4s		
		(SAMAR, PHILIPPINE ISLANDS)					Depth = 28 Kms (USCGS)		
		-H = 03h 26m 00.2s					MB = 4.9 (CGS)		
		Depth = 58 Kms. (USCGS)				NDI	eP	23 21 24	
		MB = 5.0 (CGS)				SHL	iP	23 22 22	C
	NDI	eP	03 34 33		02	KOD	eP	04 06 19	
	P00	eP	03 34 51			P00	eP	04 06 20	
01	BOK	ePg	08 27 25			MDR	eP	04 06 30	
01	EPC:	58.9S, 149.1E				DDI	iP	04 06 31.6	D
		(WEST OF MACQUARIE ISLAND)					i	07 20.5	
		-H = 08h 14m 55.1s				NDI	iP	04 06 33.0	D
		Depth = Normal (USCGS)					i	06 36.5	
		MB = 5.1					i	07 18.5	
		MS = 5.6 (CGS)					e	16 42	
	SHL	eP	08 28 23			VIS	eP	04 06 36	
01	MDR	e	08 38 58			BOK	eP	04 06 45	
01	BOK	e	08 41 12				i	07 09	
		e	46 45			CHA	iP	04 06 47	C
01	ECM	e	08 58 00			SHL	iP	04 06 50	DN
01	NDI	iP	09 38 50.7	C	02	SHL	iP	04 17 45	N
01	EPC:	40.5N, 143.8E			02	SHL	iP	04 33 31	
		OFF EAST COAST OF HONSHU, JAPAN			02	SHL	iP	05 24 06	
		-H = 09h 45m 57.6s			02	EPC:	30.3N, 131.0E		
		Depth = Normal (USCGS)					(KYUSHU, JAPAN)		
		MB = 5.0 (CGS)					-H = 07h 22m 49.4		
	SHL	eP	09 54 19				Depth = 15 Kms (USCGS)		
	NDI	eP	09 55 26				MB = 4.8 (CGS)		
01	EPC:	43.1N, 147.6E				SHL	iP	07 29 40	
		(KURILE ISLANDS)				NDI	iP	07 31 16.5	DE
		-H = 09h 49m 52.0s			02	BOK	ePn	08 27 42	
		Depth = Normal (USCGS)			02	BOK	ePg	08 54 46	
		MB = 5.3, MS = 4.9 (CGS)			02	BOK	ePg	09 26 07	
	CHA	eP	09 59 06	C	02	NDI	ePg	09 38 11.0	0.46
	BOK	eP	09 59 17	54.0			iSg	38 17.0	
		S	10 06 46		02	BOK	ePg	10 28 20	
	DDI	iP	09 59 37.0		02	EPC:	36.3N, 137.7E		
	NDI	eP	09 59 38				(HONSHU JAPAN)		
	P00	eP	10 00 35				-H = 12h 07m 16.5s		
	KOD	eP	10 00 52				Depth = 10 Kms (USCGS)		
01	BOM	e	10 26 59				MB = 4.5 (CGS)		
01	NDI	e	18 57 13						

SEPTEMBER, 1969

- 5 -

DATE STN PHASE H. M. S. △
Deg.

03 SHL iP 15 42 17 DE
 03 EPC: 31.5N, 140.2E
 SOUTH OF HONSHU JAPAN
 -H = 16h 20m 21.5s
 Depth = 16 Kms (USCGS)
 MB = 5.3 (CGS)
 SHL eP 16 28 29
 CHA eP 16 28 52 46.8
 iS 35 43
 BOK iP 16 29 08 DE 48.8
 iS 36 09
 PPS 36 25
 i 39 46
 03 VIS eP 16 29 45 53.7
 ePP 31 49
 ePPP 33 00
 eS 37 20
 NDI eP 16 29 47 54.2
 PP 31 56
 iS 37 26
 MDR eP 16 30 24 59.0
 ePPP 34 00
 eS 38 26
 P00 eP 16 20 34
 BOM eP 16 30 43
 i 39 21
 03 MDR e 20 02 51
 03 EPC: 42.5N, 147.0E
 OFF COAST OF HOKKAIDO, JAPAN
 -H = 21h 35m 15.2s
 Depth = 69 Kms (USCGS)
 MB = 4.3 (CGS)
 NDI eP 21 44 56
 03 EPC: 43.1N, 147.5E
 (KURILE ISLANDS)
 -H = 22h 01m 31.4s
 Depth = Normal (USCGS)
 MB = 4.8 (CGS)
 NDI eP 22 11 17
 03 SHL i 22 18 35
 03 CHA i 22 18 50 D
 03 P00 e 22 43 43
 03 P00 e 22 46 55
 03 EPC: 34.3N, 58.3E (IRAN)
 -H = 23h 39m 03.0s

DATE STN PHASE H. M. S. △
Deg.

Depth = Normal (USCGS)
 MB = 4.8
 NDI eP 23 43 00
 P00 eP 23 43 43
 CHA iP 23 44 37 C
 04 EPC: 36.5N, 70.9E
 HINDU KUSH REGION
 -H = 02h 57m 18.7s
 Depth = 221 Kms (USCGS)
 MB = 4.8 (CGS)
 FELT AT KABUL
 BHK eP 02 58 58 6.8
 iS 03 00 13
 DDI iP 02 59 20.9 D 8.6
 iS 03 00 54.0
 NDI eP 02 59 30 DNW 9.2
 i 03 00 24.7
 iS 01 08.5
 CHA iP 03 01 05 C 17.0
 eS 04 06
 BOM iP 03 01 13 CS
 e 05 51
 e 06 50
 e 07 22
 BOK eP 03 01 17 18.3
 eS 04 31
 P00 iP 03 01 17.4
 SHL iP 03 01 47 CS
 SEH eS 03 03 05
 MDR e 03 03 05
 e 07 36
 VIS eP 03 01 56 22.1
 eS 05 46
 CAL eS 03 07 27
 TRD e 03 11 07
 04 EPC: 46.6N, 153.5E
 KURILE ISLANDS
 -H = 03h 08m 52.0s
 Depth = Normal (USCGS)
 MB = 5.4, MS = 5.7 (CGS)
 SHL iP 03 18 10 CW 53.3
 iPP 20 07
 iPPP 21 16
 iS 25 38

SEPTEMBER, 1969

- 6 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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	CHA	eP	03 18 25	DNE 55.4		SHL	eP	05 47 52	C
		iS	26 13			NDI	eP	05 48 53	
	BOK	iP	03 18 44	CSW 58.0	04	SHL	eP	09 36 41	
		eS	26 44		04	EPC: 43.2N, 147.5E KURILE ISLANDS -H : 11h 33m 53.3s Depth = Normal (USCGS) MB = 4.1(CGS)			
		SS	30 44			NDI	eP	11 43 39	
	CAL	iP	03 18 45		04	EPC: 7.0S, 129.2E BANDA SEA -H = 16h 29m 00.2s Depth = 164 Kms(USCGS) MB = 5.3 (CGS)			
		i	26 35			SHL	iP	16 37 29	
		i	26 37			CHA	iP	16 38 02	D
	NDI	iP	03 19 02.0	C 60.7		KOD	eP	16 38 12.5	
		eS	27 19			NDI	iP	16 38 59.5	E
		SS	31 23		04	EPC: 35.3N, 39.1E JORDAN SYRIA REGION -H = 17h 18m 48.8s Depth = Normal (USCGS) MB = 4.7(CGS)			
	PBA	eP	03 19 09			NDI	eP	17 25 20	
	VIS	iP	03 19 25	DE 64.1	04	EPC: 16.3N, 119.6E LUZON PHILIPPINE ISLANDS -H = 18h 10m 36.0s Depth = 53 Kms (USCGS) MB= 5.1 (CGS)			
		ePP	21 49			SHL	iP	18 16 19	D
		eS	28 03			CHA	iP	18 17 00	C
		PS	28 25		04	EPC: 35.1N, 27.2E DODE CANESE ISLANDS -H = 19h 25m 26.0s Depth = Normal (USCGS) MB = 4.9 (CGS)			
	SEH	iP	03 19 28	C		NDI	eP	19 33 21	
	MDR	iP	03 19 58	C 69.3	04	EPC: 43.8N, 147.4E KURILE ISLANDS -H = 21h 12m 39.5s Depth = 60 Kms (USCGS) MB = 5.6 (CGS)			
		PP	22 34			SHL	iP	21 21 25	CSW
		eS	29 07			CHA	iP	21 21 38	C 51.2
		PS	29 33				eS	28 52	
	P00	eP	03 20 01.5	69.9					
		e	29 17						
	BOM	iP	03 20 04	C 70.3					
		PP	22 42						
		PPP	24 22						
		eS	29 16						
		PS	29 43						
	TRD	eP	03 20 33						
		e	30 36						
04	EPC: 43.0N, 146.8E KURILE ISLANDS -H = 04h 30m 17.5s Depth = Normal (USCGS) MB = 4.7 (CGS)								
	NDI	eP	04 40 02						
04	EPC: 46.4N, 153.7E KURILE ISLANDS -H = 04h 34m 46.2s Depth = Normal (USCGS) MB = 4.3 (CGS)								
	NDI	eP	04 45.00						
04	EPC: 45.5N, 150.7E (KURILE ISLANDS) -H = 05h 38m 53.6s Depth = Normal (USCGS) MB= 4.8 (CGS)								

SEPTEMBER, 1969

- 7 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	BOK	iP	21	21	58	CSW 53.8
		eS		29	31	
		i		31	44	
	DDI	iP	21	22	10.6	C
		i		22	30.6	
	NDI	iP	21	22	20.4	CSW 57.0
		i		22	30.5	
		eS		30	11	
	SEH	iP	21	22	43	C
	P00	iP	21	23	19.0	C
	BOM	iP	21	23	22	C 66.1
		ePP		26	01	
		eS		32	15	
	KOD	iP	21	23	38.0	CW
04	NDI	ePn	21	35	50.5	2.86
		eSn		36	26	
04	NDI	eP	21	41	40	
04	EPC: 43.5N, 146.5E KURILE ISLANDS -H = 23h 46m 51.4s Depth = 87 Kms (USCGS) MB = 4.6 (CGS)					
	NDI	iP	23	56	24.5	C
05	NDI	eP	00	19	56	
05	BOK	eP	01	51	37	
		i		53	42	
05	NDI	eP	03	02	45	15.5
		iS		05	38	
05	CAL	i	06	15	09	
05	CAL	i	07	05	15	
05	EPC: 46.4N, 153.7E KURILE ILSLAND -H = 07h 15m 22.6s Depth = Normal (USCGS) MB = 4.1 (CGS)					
	NDI	eP	07	25	35	
05	NDI	eP	09	15	32	9.0
		eS		17	15	
05	EPC: 22.7N, 121.7E TAIWAN REGION -H = 11h 42m 14.0s Depth = 33 Kms (USCGS) MB = 5.6, MS = 5.1 (CGS)					
	SHL	iP	11	47	57	CW 27.3
		iS		53	00	
	CHA	iP	11	48	38	D 31.8
		eS		53	47	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	BOK	iP	11	48	49	CW 33.1
		S		54	06	
	VIS	iP	11	49	18	CW
	DDI	eP	11	49	47.1	
	NDI	iP	11	49	50.0	CW 40.3
		eS		55	58	
	MDR	eP	11	49	54	
		e		12	05	46
	KOD	iP	11	50	23.0	CW
	P00	iP	11	50	28.0	C
		e		56	06	
	BOM	iP	11	50	34	C 45.7
		PP		52	24	
		PPP		53	04	
		iS		57	18	
		PPS		57	35	
		SS		12	00	35
	CAL	i	11	56	28	
		i		12	00	09
05	TOC	e	13	25	21	
	SHL	eP	13	26	30	
	NDI	eP	13	29	00	
05	NDI	eP	13	40	36	
		e		42	40	
05	NDI	e	14	59	06	
05	EPC: 5.3S, 154.0E (SOLOMON ISLANDS) -H = 16h 07m 06.4s Depth = 180 kms (USCGS) MB = 5.4 (CGS)					
	SHL	iP	16	17	47	CNW
05	EPC: 38.9N, 37.1E (TURKEY) -H = 17h 53m 49.3s Depth = 53 Kms (USCGS) MB = 4.4 (CGS)					
	CHA	iP	18	01	49	C
	TOC	iP	18	27	15	C
	SHL	iP	18	27	42	CNW
	CHA	iP	18	28	22	D
		i		28	32	
	BOK	iP	18	29	31	
	MDR	e	18	31	36	
	NDI	e	18	32	27	8.6
		eP		32	30	
		eS		34	09	
	P00	e	18	35	04	
05	SHL	eP	20	41	20	

SEPTEMBER, 1969

- 8 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
05	NDI	iP	21	15	28.2 D	10.3
		iS		17	25	
05	EPC: 29.0N, 128.9E EAST CHINA SEA -H = 22h 06m 16.9s Depth = 107 Kms. (USCGS) MB = 4.9 (CGS)					
	NDI	eP	22	14	23	
05	NDI	e	22	58	41	
06	SHL	eP	00	15	52	3.7
		eS		16	07	
06	EPC: 3.2 N, 126.5E TALAUD ISLANDS -H = 01h 06m 00.2s Depth = 63 kms (USCGS) MB = 5.1 (CGS)					
	NDI	eP	01	15	12	
06	SHL	eP	01	31	30	
06	NDI	eP	01	45	11	
06	NDI	e	04	37	09	
06	NDI	eP	04	45	03	
06	NDI	e	04	47	21	
06	P00	ePg	06	15	29	
06	EPC: 43.7N, 147.3E KURILE ISLANDS -H = 07h 43m 29.8s Depth = Normal (USCGS) MB = 5.5, MS(5.2) (CGS)					
	SHL	iP	07	52	09	CS
	CHA	iP	07	52	30	
	DDI	iP	07	53	03.9 C	
		i		53	44.2	
	NDI	iP	07	53	14.0 CSW 56.9	
		eS		08	01	06
	P00	eP	07	54	13	
	KOD	iP	07	54	31.8 C	
06	BOM	e	08	25	06	
06	CAL	i	11	15	16	
06	EPC: 49.5N, 153.3E KURILE ISLANDS -H = 11h 41m 50.6s Depth = 170 Kms (USCGS) MB = 4.9 (CGS)					
	SHL	iP	11	50	49	DNE
	CHA	iP	11	51	07	D

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	NDI	eP	11	51	41	
		i		52	26	
		e	12	01	12	
	P00	eP	11	52	42	
	KOD	iP	11	53	06.0 D	
06	BNS	i	14	02	12	
06	EPC: 36.9N, 11.9W North Atlantic Ocean -H = 14h 30m 39.5s Depth = Normal (USCGS) MB = 5.7 (MS = 6.0 (CGS)) FELT AT RABAT AND CASABLANCA MORROCCO					
	NDI	iP	14	42	06	C 72.7
		iS		51	27	
		PPS		52	07	
	BOM	eP	14	42	13	74.0
		PpP		42	27	
		PP		45	03	
		PPP		46	49	
		eS		51	41	
		PPS		52	42	
		SS		56	42	
	P00	e	14	42	14.7	
		eS		52	02	
	CHA	iP	14	42	55	
	BOK	iP	14	42	59	82.4
		eS		53	07	
	KOD	iP	14	43	07.4 C	
	SHL	iP	14	43	14	CE
06	EPC: 8.8S 157.8E SOLOMON ISLANDS -H = 14h 49m 55.9s Depth = 15 Kms (USCGS) MB = 5.8, MS = 6.1 (CGS) Mag. = 6.1 (PAS) FELT AT HONIARA					
	TOC	eP	15	01	23	
	SHL	iP	15	01	24	CW
	CHA	iP	15	01	53	C 77.6
		S		11	43	
	BOK	iP	15	01	56	78.1
		S		11	46	
		SKS		12	02	
	MDR	1P	15	02	12	C 81.1
		eS		12	13	
		SKS		12	26	
	KOD	iP	15	02	21.0 C	82.9
		iS		12	42.8	

SEPTEMBER, 1969

- 9 -

DATE	STN	PHASE	H. M. S.		Δ Deg.
	SEH	iP	15 02 37		C
	NDI	eP	15 02 37	86.1	
		PP	05 54		
		iS	13 04		
	TRD	i	15 02 40		
		iS	12 42		
	P00	eP	15 02 40		
		e	13 24		
	GOA	eP	15 02 46	87.9	
		eS	13 19.8		
	BOM	iP	15 02 48	88.3	C
		ePP	06 16		
		iS	13 26		
06	EPC: 30.0N, 140.6E SOUTH OF HONSHU JAPAN -H = 16h 17 15.5s Depth = 89 Kms (USCGS) MB = 5.3 (CGS)				
	NDI	eP	16 26 36		
	P00	eP	16 27 23		
	SHL	iP	16 30 41		C
06	EPC: 8.9S, 157.9E SOLOMON ISLANDS -H = 17h 08m 03.2s Depth = 10 Kms (USCGS) MB = 5.8 (MS = 5.7) (USCGS) FELT ON NEW GEOGIA				
	SHL	eP	17 19 18		C
	CHA	iP	17 20 00	77.4	D
		eS	29 52		
	BOK	iP	17 20 02	77.8	
		eS	29 55		
	KOD	eP	17 20 29.0		
	DDI	iP	17 20 44.9	85.9	C
		i	21 02.0		
	NDI	iP	17 20 45.4	86.1	C
		PP	24 03		
		SKS	31 09		
		iS	31 18		
		PS	32 15		
	P00	eP	17 20 51.5		
	BOM	eP	17 20 54	87.9	
		iS	31 31		
	MDR	iS	17 30 22		
	TRD	iS	17 30 38		
06	NDI	eP	18 00 42		

DATE	STN	PHASE	H. M. S.		Δ Deg.
06	EPC: 43.3N, 146.7E KURILE ISLANDS -H = 18h 58m 39.1s Depth = Normal (USCGS) MB = 4.3 (CGS)				
	NDI	iP	19 08 20.7		D
06	EPC: 30.8N, 28.4E DODE CANESE ISLANDS - H = 20h 30m 39.6s Depth = 67 Kms (USCGS) MB = 5.1 (CGS)				
	NDI	iP	20 38 23.5		
	CHA	iP	20 39 32		C
		i	39 40		
	SHL	eP	20 40 03		
07	CHA	iP	00 16 07		D
07	EPC: 33.9N, 131.5E KYUSHU JAPAN -H = 00h 23m 44.8s Depth = 91 Kms (USCGS) MB = 5.2 (CGS)				
	SHL	iP	00 30 32		CW
	NDI	iP	00 32 03.5		C
	P00	eP	00 32 57		
07	SHL	iP	00 36 37		DE
07	NDI	i	00 48 53		
07	EPC: 8.9S, 157.7E SOLOMON ISLANDS -H = 03h 06m 02.2 Depth = Normal (USCGS) MB = 5.6 (CGS)				
	SHL	iP	03 17 27		DSE
	KOD	iP	03 18 24		D
	NDI	eP	03 18 40		
	P00	eP	03 18 46		
	BOM	eS	03 29 47		
07	EPC: 2.8N, 128.6E HALMAHERA -H = 05h 00m 46.1s Depth = 217 Kms (USCGS) MB = 5.0 (CGS)				
	SHL	iP	05 08 17		
07	SHL	eP	05 31 03		
07	CHA	iP	05 33 18		C
07	NDI	iPn	05 47 20.3		D
		eSg	47 59.7		

SEPTEMBER, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	CHA	eP	05	47	57	
07	P00	ePg	06	16	31	
07	EPC: 9.0S, 158.0E SOLOMON ISLANDS -H = 06h 21m 05.1s Depth = 35 Kms (USCGS) MB = 5.2 (CGS)					
	SHL	eP	06	32	31	
07	EPC: 6.6S, 155.8E SOLOMON ISLANDS -H = 08h 40m 34.3s Depth = 173 Kms (USCGS) MB = 5.3 (CGS) FELT ON BOUGAINVILLE					
	SHL	i	08	52	03	D
	P00	eP	08	52	49	
	CHA	i	08	52	55	D
07	SHL	eP	10	09	15	
07	EPC: 43.0N, 146.8E KURILE ISLANDS -H = 12h 33m 51.1s Depth = Normal (USCGS) MB = 4.4 (CGS)					
	NDI	eP	12	43	34	
07	SHL	eP	13	17	51	
07	EPC: 6.4S, 130.2E BANDA SEA -H = 16h 03m 18.1s Depth = 132 Kms (USCGS) MB = 5.0 (CGS)					
	NDI	iP	16	13	24	
07	SHL	eP	16	14	17	
07	NDI	e	18	32	50	
07	EPC: 43.4N, 148.1E KURILE ISLANDS -H = 18h 43m 37.8s Depth = Normal (USCGS) MB = 4.9 (CGS)					
	SHL	iP	18	52	21	
	NDI	eP	18	53	26	
07	P00	ePg	22	23	47	
08	SHL	eP	00	04	07	
	CHA	iP	00	04	57	C
08	SHL	iP	01	28	51	CS
08	SHL	iP	05	07	40	C

DATE	STN	PHASE	H.	M.	S.	△ Deg.
08	EPC: 5.1S, 153.4E NEW IRLAND REGION -H = 12h 45m 34.6s Depth = 47 Km (USCGS) MB = 5.2, MS 5.4 (CGS)					
	SHL	iP	12	56	24	D
	CHA	iP	12	56	53	C
	BOK	eP	12	56	54	72.0
		eS	13	06	14	
	VIS	iP	12	57	01	D
	KOD	iP	12	57	27.2	CW
	DDI	eP	12	57	42	
	NDI	eP	12	57	42.5	DSW 80.3
		iS	13	07	44	
	P00	eP	12	57	51	
	TOC	ePg	16	17	28.6	
		iSg	17	35.1		
	SHL	ePn	16	17	37	
		iSn	18	03.0		
	CHA	iP	16	18	39.2	D 7.0
		S	19	58.2		
08	NDI	ePn	16	22	37.8	1.8
		eSn	23	01		
08	DDI	eP	21	02	54	
	NDI	iP	21	03	04.5	8.6
		iS	04	42		
08	SHL	iP	23	39	44	C
09	P00	ePg	00	47	13	
09	DDI	eP	00	15	55	
09	NDI	eP	01	15	42	9.0
		eS	17	25		
09	EPC: 35.7N, 137.0E HONSHU JAPAN -H = 05h 15m 37.7s Depth = 29 km. (USCGS) MB 5.5, MS 6.0 (CGS)					
10	INJURED AND MINOR PROPERTY DAMAGE IN GIFU PREFECTURE MAG. 6.0 (PAS)					
	TOC	e	05	23	03	
	SHL	eP	05	23	09	39.8
		ePP	24	52		
		iS	29	12		
		i	32	00		
	CHA	iP	05	23	44	C 44.0
		eS	30	18		

SEPTEMBER, 1969

- 12 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	SHL	iP	20 23 45	D	11	EPC: 1.2N, 126.3E			
	NDI	eP	20 25 26			MOLLUCCA PASSAGE			
10	P00	ePg eSg	23 55 39.2 55 56.4	1.2		-H = 19h 23m 01.5s			
	BOM	iPn eSn	23 55 48 56 13	C 1.9		Depth = 51 Kms (USCGS)			
	KOD	eP	23 58 51.0			Mag. = 4.5 (CGS)			
	NDI	e	00 01 25			SHL iP	19 30 41	CE	
11	EPC: 26.1N, 128.5E				11	CHA iP	19 49 40	D	
	RYUKYU ISLANDS				11	CHA iPg Sg	22 57 20.6 57 26.6	C 0.5	
	-H = 03h 17m 00.1s					SHL eP	22 57 57		
	Depth = 25 Kms (USCGS)				11	SHL eP	23 58 43		
	MB = 5.3 (CGS)				12	SHL eP	00 09 15		
	SHL iP	03 23 34	CSW		12	SHL eP	00 30 02		
	CHA iP	03 24 10	C		12	EPC: 43.4N, 146.4E			
	BOK iP	03 24 23	CW			KURILE ISLANDS			
	e	30 30				-H = 02h 15m 32.1s			
	DDI eP	03 25 10.5				Depth = 62 Kms (USCGS)			
	i	25 28.0				Mag. = 4.8 (CGS)			
	NDI eP	03 25 16	45.2			NDI eP	02 25 08		
	eS	31 54			12	CHA iP	02 27 12	D	
	P00 eP	03 26 01			12	SHL iP	02 58 37	DSW	
	KOD iP	03 26 00.8	C		12	EPC: 36.4N, 70.9E			
11	EPC: 49.7N, 78.1E					HINDU KUSH REGION			
	EASTERN KAZAKH SSR					-H = 05h 08m 01.6			
	-H = 04h 01m 57.1s (USCGS)					Depth = 198 Kms (USCGS)			
	Depth = 0					Mag. = 5.1 (CGS)			
	MS = 5.0 (CGS)					FELT AT KABUL			
	NDI iP	04 06 45.0	DN			BHK iP	05 09 39	D 6.7	
	SHL iP	04 07 37	C			iS	10 53		
	KOD iP	04 09 32.0	DN			DDI iP	05 10 03.6	D 8.6	
11	SHL iP	06 37 10	CSE			iS	11 35.3	M= 6½	
11	NDI iP	13 23 39.8	C			NDI iP	05 10 11.5	DN 9.2	
11	P00 ePg	13 38 35				iS	11 50	M= 5.9	
11	SHL iP	13 53 29	DSE			SEH eP	05 11 18	14.4	
	CHA iP	13 54 03.5	D 3.0			eS	13 57		
	S	54 40.7				BHS iP	05 11 26.6	15.1	
11	CHA eP	14 18 10				iS	14 04		
11	NDI e	16 08 26				CHA iP	05 11 49	D 17.0	
11	CHA iP	17 00 23	CNE			eS	14 45		
	SHL iP	17 01 40	DNE			P00 eP	05 12 00		
11	P00 ePg	18 25 -				BOK eP	05 12 05	18.5	
						i	13 07		
						i	15 16		
						i	17 05		

SEPTEMBER, 1969

- 13 -

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DATE	STN	PHASE	H. M. S.	∠ Deg.	DATE	STN	PHASE	H. M. S.	∠ Deg.
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	SHL	iP	05 12 30	CSE	12	EPC: 51.2N, 179.2W. ANDRANOF ISLAND, ALEUTIAN ISLAND ISLANDS ALEUTIAN ISLANDS			
	MDR	iP	05 13 08	C		H= 08h 57m 07.3s (USCGS) Depth= 6 MB 6.0, MS 6.6 (CGS) FELT ON ADAK & AMCHITKA, Mag= 6.2 (PAS) 5.9-6.1 (BRK), 7 (PAL), 6.5 (GOL), 6.3 ML (CGS)			
	KOD	iP	05 13 26.8	C		TOC eP 09 07 38			
12	Epc: 51.3N, 179.2W. ANDREANOF ISLANDS, ALEUTIAN ISLANDS H=07h 15m 50.0s (USCGS) Depth= 44Kms. Mag= 5.0 (CGS) FELT IN AMCHITKA					SHL	iP	09 08 15	CSW 70.8
	SHL	iP	07 26 57	CSW		iS		17 30	
	NDI	iP	07 27 33.8	C		CHA	iP	09 08 28	CSW 72.1
	P00	eP	07 28 27			eS		17 50	
12	Epc: 51.1N, 179.1W. ANDREANOF ISLANDS, ALEUTIAN ISLANDS H= 07h 42m 43.7s (USCGS) Depth= 48 Kms, Mag=5.0 (CGS)					CAL	iP	09 08 38	W
	CHA	iP	07 54 05	D		S		18 20	
	NDI	eP	07 54 27			BOK	iP	09 08 44	CSW 74.9
	P00	eP	07 55 19.5			PP		11 35	
12	SHL	iP	08 08 50	CNE		PPP		13 25	
12	Epc: 51N, 179.3W. ANDRANOF ISLANDS, ALEUTIAN ISLANDS (USCGS) H= 08h 00m 16.8s Depth= 49Kms, Mag= 5.1 (BRK), Mag= 5.2 (CGS)					eS		18 21	
	SHL	iP	08 11 23	CSW		BHK	eP	09 08 44	
	CHA	iP	08 11 37	C		DDI	iP	09 08 44.1	C 74.9
	NDI	eP	08 12 01.0	C		eS		18 14.3	
	P00	eP	08 12 53.5			BNS	eP	09 08 48	
12	EPC: 51.1N, 179.2W. ANDREANOF ISLANDS ALEUTIAN ISLANDS. H= 08h 06m 08.8s (USCGS) Depth= 55Kms, Mag= 5.0 (CGS)					NDI	iP	09 08 51.2	CSW 76.0
	SHL	iP	08 17 15	C		PcP		09 06	
	CHA	iP	08 17 26	C		iS		18 31	
	NDI	eP	08 17 52			PBA	iP	09 09 12	D
	P00	eP	08 18 44.5			SEH	iP	09 09 16	C
12	EPC: 51.1N, 179.2W ANDRANOF ISLANDS ALEUTIAN ISLANDS H= 08h 09m 24.4s (USCGS) Depth= 46Kms, Mag= 5.1 (CGS) Ms = 5.3					e		12 26	
	SHL	iP	08 20 31	C		VIS	eP	09 09 20	
	CHA	iP	08 20 45	C		BOM	eP	09 09 43	86.0
	NDI	iP	08 21 08.0	C		PP		13 07	
	P00	iP	08 22 01.5	C		PPP		15 04	
						e		15 18	
						SKS		20 06	
						eS		20 19	
						P00	iP	09 09 43.9	C
						PP		13 06	
						eS		20 20	
						MDR	eP	09 09 45	86.3
						PcP		09 48	
						ePP		13 03	
						SKS		20 07	
						eS		20 15	
						TRD	eP	09 09 56	
						eS		20 42	
						GOA	eP	09 09 57.7	
						KOD	iP	09 10 05.5	C
						PP		13 50.0	
						i		20 44.0	

SEPTEMBER, 1969

- 14 -

DATE	STN	PHASE	H.	M.	S.		△ Deg.
12	EPC:	43.3N, 147.8E. KURILE ISLANDS	H= 11h 47m 39.9s (USCGS)			Depth= NORMAL Mag= 4.3 (CGS)	
	SHL	iP	11	56	22	DN	
	NDI	eP	11	57	28		
12	SHL	eP	14	05	20		
	CHA	iP	14	06	31	D	
12	EPC:	51.3N, 179.2W. ANDREANOF ISLANDS ALEAUTIAN ISLANDS.	H= 15h 00m 18.8s (USCGS)			Depth= 53Km. Mag= 5.6 (USCGS)	
						Mag. 4.5-4.7 (BRK), 5 (GOL).	
						Mag= 5.6 (CGS)	
	SHL	iP	15	11	25	CSW	
	CHA	iP	15	11	37	C	
	NDI	iP	15	12	02.0	CSW	75.7
		eS		21	38		
	P00	iP	15	12	45	C	
12	NDI	eP	16	08	07		7.5
		eS		09	33		
12	NDI	eP	21	45	54		
12	NDI	e	22	34	35		
13	EPC:	51.5N, 179.2E. ANDREANOF ISLANDS ALEAUTIAN ISLANDS	H= 00h 32m 36.7s (USCGS)			Depth= 39Kms, Mag= 4.8 (CGS)	
	CHA	iP	00	43	56	D	
	NDI	iP	00	44	20.5	D	
	P00	eP	00	45	13.5		
13	P00	eP	03	20	22		
13	SHL	eP	04	53	56		
	CHA	iP	04	54	57	C	
13	P00	ePg	05	31	41		
13	SHL	iP	06	35	58		
	CHA	iP	06	36	55	D	
		i		38	15		
13	NDI	i	09	08	49.5		
13	BOK	iPg	09	33	33		
13	EPC:	22.9S, 68.4W. NORTHERN CHILE	H= 10h 52m 58.0s (USCGS)			Depth=106D Kms Mag= 5.4 (CGS)	
	P00	ePKP	11	12	23	DNE	
	KOD	iPKP	11	12	26.7	D	

DATE	STN	PHASE	H.	M.	S.		△ Deg.
	NDI	iPKP	11	12	31.5	D	
	MDR	ePKP	11	12	35		
	SHL	iP	11	12	47	D	
13	EPC:	33.8N, 141.6E. OFF EAST COAST OF HONSHU, JAPAN	-H = 11h 19m 03.0s			Depth = 35 Kms (USCGS)	
						Mag. = 5.0 (CGS)	
	CHA	eP	11	27	34	C	
	NDI	eP	11	28	29		
	P00	eP	11	29	19		
	KOD	eP	11	29	29.5		
13	CHA	iP	11	40	08	C	
13	CHA	iP	11	42	13	C	
13	EPC:	43.6N, 147.6E -KURILE ISLANDS	-H= 11h 52m 15.3s			Depth = 52 D Km. (USCGS)	
						Mag. = 5.5 (CGS)	
	SHL	iP	12	00	51	DNE	
	CHA	iP	12	01	14	D	
	BOK	eP	12	01	34	53.6	
		eS		09	06		
	NDI	iP	12	01	57.5	D	57.1
		eS		09	50		
	MDR	eP	12	02	49	64.5	
		eS		11	33		
	P00	eP	12	02	56		
	KOD	iP	12	03	14.8	D	
13	BOK	iPg	13	00	26		
13	BOK	iPg	14	15	50		
13	SHL	eP	19	22	44		
13	EPC:	41.6N, 143.7 E HOKKAIDO JAPAN REGION	-H = 20h 00m 28.3s			Depth = 52 Kms (USCGS)	
						Mag. = 4.6 (CGS)	
	NDI	iP	20	09	54.0	CW	
13	NDI	iP	20	22	02.8	8.7	
		iS		23	43		
	CHA	iP	20	23	19	C	
	SHL	eP	20	24	02		
	P00	eP	20	27	14		
13	CHA	iP	21	53	50	C	

SEPTEMBER, 1969

- 17 -

DATE	STN	PHASE	H.	M.	S.	Mag.	Locality
15		EPC:	51.9N,	175.5E			RAI ISLANDS, ALAUTIAN ISLANDS
			-H = 14h 45m 42.0s				Depth = 50 Kms (USCGS)
			MB = 5.2, MS = 5.1 (CGS)				
	SHL	iP	14	56	27		CSW
	CHA	iP	14	56	41		C
	BOK	iP	14	56	59		W
	NDI	iP	14	57	06.0		C
	POO	iP	14	58	01.4		C
	MDR	eP	14	58	04		
	BOM	eP	14	58	05		
	KOD	iP	14	58	23.8		C
15		EPC:	17.6N,	80.5E			Bhadrachalam (India)(Felt)
			-H = 15h 51m 05s				Mag. (M _L) = 3.8 NEW DELHI
15	MDR	eP	15	52	16	5.1	
		P*		52	26		
		PPP		52	30		
		Pg		52	39		
		eS		53	16		
		e		53	18		
		SS		53	25		
		S*		53	29		
		SSS		53	37		
		Sg		53	42		
1	POO	ePn	15	52	39	6.1	
		eSn		53	50		
	BOM	eP	15	52	44	7.3	
		PPP		52	58		
		eS		54	07		
	KOD	eP	15	53	01.0	7.6	
		PPP		53	11.7		
		eP		53	22.1		
		Pg		53	42.0		
		LQ		54	18.1		
		iS		54	28.8		
		SS		54	36.5		
		LR		54	39.3		
		SSR		54	44.0		
		eS		54	56.0		
		M		55	08.0		
	CHA	iP	15	53	42		D
	NDI	eP	15	53	43	10.2	
		iS		55	39		
	GOA	ePn	15	54	07.0	1.9	
		eSn		54	32.4		
	BOK	eP	15	54	19		
	SHL	eP	15	56	23		
15	NDI	eP	16	38	09	6.4	
		iS		39	24		
15	CAL	i	16	55	24		
15	NDI	eP	17	09	00		
15	CAL	i	17	55	58		
15	POO	ePg	18	29	31.5		
15	NDI	eP	18	49	46		
15		EPC:	45.5N,	151.6E			KURILE ISLANDS
			-H = 18h 47m 41.3s				Depth = 44 Kms (USCGS)
			Mag. = 5.3 (CGS)				
	SHL	iP	18	56	43		CSW
	CHA	iP	18	57	03		D
	BOK	iP	18	57	23		
	DDI	iP	18	57	33.1		C
		i		57	53.8		
	NDI	iP	18	57	42.8		C 59.5
		eS		19	05	51	
	POO	eP	18	58	41		
	KOD	eP	18	59	01.3		
15	BOM	e	19	29	-		
15	KOD	eP	20	25	29.5		
		e		26	05.0		
15	POO	eP	20	28	12		
15	CHA	iPg	22	53	09.2		C 0.5
		Sg		53	18.3		
15	SHL	eP	23	22	11		
16		EPC:	45.6N,	151.6E			KURILE ISLANDS
			-H = 01h 17m 14.6s				Depth = 60 Km (USCGS)
			Mag. = 5.0 (CGS)				
	SHL	iP	01	26	15		C
	CHA	iP	01	26	31		C
	NDI	eP	01	27	14		
		e		34	21		
	POO	eP	01	27	35		
	KOD	eP	01	28	32		
16		EPC:	45.7N,	151.6E			KURILE ISLANDS

SEPTEMBER, 1969

DATE STN PHASE H. M. S. △
Deg.

DATE STN PHASE H. M. S. △
Deg.

<p>Contd H= 02h 22m 36.4s (USCGS) Depth= NORMAL, Mag= 4.6 (CGS)</p> <p>16 NDI eP 02 32 39</p> <p>16 P00 ePg 05 21 -</p> <p>16 EPC: 27.2N, 127.3E. H= 08h 00m 35.8s RYUKYU ISLANDS DEPTH= 94 Km (USCGS) Mag= 5.1 (CGS)</p> <p>16 SHL iP 08 06 51 CNE</p> <p>16 P00 eP 08 09 19</p> <p>16 KOD iP 08 09 21.3 DE</p> <p>16 CAL i 12 29 57</p> <p>16 SHL eP 14 43 35</p> <p>16 Epc: 37.5N, 116.5W. SOUTHERN NEVADA H= 14h 30m 00.0s (USCGS) Depth= 0 Km Mb= 6.2 Ms= 5.1(CGS) NEVADA TEST SITE "JORUM" 37° 18' 51" N 116° 27' 38" W (AEC). MAG 6.3(PAS), 6.1 (BRK). THE 5 FOLLOWING SO. NEV. HYPOCEN. TERS ARE THE LARGEST OF MANY SMALL EVENTS LOCATED IN THIS REGION WITH ADT GS TEMPORARI STATION NETWORK USING A REGIONAL CRUSTAL MODEL AND AN AVERAGE FOCAL DEPTH OF 4 Kms.</p> <p>16 NDI ePP 14 49 29</p> <p>P00 eP 14 48 59</p> <p>KOD iP 14 49 14.7 D</p> <p>CHA iPP 14 49 15 C</p> <p>BOK eP 14 49 47</p> <p>16 NDI ePn 14 59 56.5 2.2 eSn 15 00 24.5 M= 7.7 eSg 00 30.5</p> <p>BHK eP 15 00 23</p> <p>DDI iP 15 00 29.2 C i 00 38.4</p> <p>CHA iP 15 01 21 C i 02 53</p> <p>16 BOM e 15 47 30</p> <p>16 P00 eP 16 54 02</p> <p>16 P00 iPg 18 20 02.1 1.1 eSg 20 16.4</p> <p>BOM iPn 18 20 12 C 1.7 iSn 20 35</p> <p>KOD eP 18 23 27</p>	<p>16 SHL eP 20 38 53</p> <p>16 Epc: 39.8N, 75.1 E. SOUTHERN SINKIANG PROV, CHINA H= 21h 19m 26.5s Depth= 19Kms, (USCGS) Mag= 4.9 (CGS)</p> <p>16 NDI eP 21 22 08 11.0 eS 24 07</p> <p>DDI e 21 22 55.1 i 24 46.9</p> <p>CHA iP 21 23 14 C 16.0 eS 26 09</p> <p>SHL eP 21 23 59</p> <p>P00 eP 21 24 43</p> <p>16 P00 iPg 21 43 47.0 1.1 eSg 44 02.5</p> <p>BOM ePn 21 43 59 1.6 eSn 44 21</p> <p>16 KOD eP 21 46 53</p> <p>17 MDR e 00 58 51 7.1</p> <p>17 CHA iP 03 36 28 D</p> <p>17 NDI iPn 11 22 38.5 CNE 5.4 eSn 23 43 S* 23 45 eSg 24 13</p> <p>17 P00 ePg 11 23 04</p> <p>17 SHL iP 15 39 27 C</p> <p>17 Epc: 31.1N, 131.3E. KYUSHU, JAPAN H= 18h 40m 45.8s Depth= 8Kms, (USCGS) MB=6.2 Ms= 5.9(CGS) Mag= 5.1 (BRK)</p> <p>17 TOC eP 18 47 21</p> <p>17 SHL iP 18 47 40 C i 49 20 i 53 21</p> <p>17 CHA iP 18 48 14 D 39.0 pP 49 48</p> <p>BNS i 18 48 14</p> <p>CAL eP 18 48 18 i 48 21 i 54 27 i 19 01 11</p> <p>PBA iP 18 48 20 CS</p> <p>17 BOK iP 18 48 30 CSW 40.9 iPP 50 13</p> <p>VIS iP 18 49 07 DE</p>
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SEPTEMBER, 1969

- 20 -

DATE	STN	PHASE	H.	M.	S.	△	Deg.
	SEH	eP	01	38	20		
	NDI	eP	01	38	29	CW	50.3
		iS		45	35		
	GOA	eP	01	38	35.9	D	
		e		45	49.5		
	P00	iP	01	38	36.5	C	51.8
		eS		45	52.0		
	BOM	iP	01	38	43	CW	52.6
		iS		46	04		
		SS		49	37		
19	EPC: 24.7S, 70.0W Near Coast of Northern Chile -H = 05h 00m 17.2 Depth = 55 KmG(USCGS) Mag. 4.7(CGS)						
	P00	ePKP	05	19	52.5		
	NDI	iPKP	05	20	04.5		
	DDI	iPKP	05	20	07.4		
19	P00	e	06	34	54.5		
19	P00	e	10	03	21		
19	P00	e	11	45	49.7		
19	NDI	eP	12	21	25		
19	NDI	eP	18	34	07	8.6	
		iS		35	46		
19	NDI	eP	19	40	42		
19	EPC: 48.2N, 153.4E Kurile Islands -H = 20h 40m 34.3s Depth = 140 Kms(USCGS) Mag. = 5.1 (CGS)						
	SHL	iP	20	49	35	E	
	NDI	iP	20	50	29		
	P00	eP	20	51	29		
19	SHL	iP	20	59	14	DE	
19	SHL	iP	21	04	06	CW	
19	SHL	iP	22	46	59	D	
20	NDI	e	01	08	33		
20	NDI	e	01	19	20		
20	NDI	i	01	24	47		
20	EPC: 29.7N, 68.6E West Pakistan -H = 04h 48m 45.5s Depth = 40 Kms (USCGS) Mag. = 5.2 (CGS)						

DATE	STN	PHASE	H.	M.	S.	△	Deg.
	NDI	eP	04	50	34		7.4
		iS		50	36		
		eS		51	57		
	DDI	i	04	51	38.6		
		i		54	11.5		
	BOM	eP	04	51	34.		
		e		52	30		
		e		54	27		
	P00	eP	04	51	45		
	BHK	eS	04	51	47		
	CHA	eP	04	52	38		
	SHL	iP	04	53	27	DW	
	BOK	eS	04	55	41		
	VIS	e	04	58	07		
	CAL	i	04	58	39		
	TRD	e	05	00	15		
20	BOM	eP	05	04	38		
	P00	eP	05	05	17		
20	EPC: 58.3N, 32.2W North Atlantic Ocean -H = 05h 08m 57.6 S Depth = Normal (USCGS) MB = 5.6, MS-6.0 (CGS) Mag. 6.(BRK), 6 $\frac{1}{2}$ -6 $\frac{1}{2}$ (GOL)						
	DDI	eP	05	20	33.8		
	NDI	iP	05	20	39	C	75.3
		e		21	28		
	PP			23	30		
	iS			30	24		
	PS			31	00		
	PPS			31	18		
	SS			35	12		
	BOM	eP	05	21	15		81.9
	PP			24	29		
	PPP			26	23		
	eS			31	15		
	P00	iP	05	21	20.4	C	
		e		32	26		
	BOK	iP	05	21	26	DN	84.1
		i		24	37		
		e		31	51		
	SHL	iP	05	21	27	C	
		i		31	39		
	GOA	eP	05	21	33.9		
20	P00	eP	05	48	14.5		

SEPTEMBER, 1969

21

DATE	STN	PHASE	H.	M.	S.	△ Deg.
20	NDI	iPg iSg	06	34	41.5 34 48.4	DW 0.53
20	CHA	iP	06	52	38	D
20	NDI	eSg	08	47	01.8	
20	EPC: 3.1S, 142.0E NEAR NORTH COAST OF NEW GUINEA -H = 08h 56m 44.8s Depth = 38 Kms (USCGS) Mag. = 5.1 (CGS)					
	SHL	iP	09	06	23	D
	CHA	eP	09	06	56	
	KOD	iP	09	07	29.2	C
	NDI	iP	09	07	52.1	C
	P00	eP	09	07	57.7	
20	CHA	iP S	10	12	27.2 12 47.5	D 1.5
20	NDI	eP eS	11	33	58 35 34	8.4
20	SHL	eP	12	41	21	
20	EPC: 38.4N, 69.8E TADZHIK SSR -H=14h 07m 57.8s Depth = 52 Kms (USCGS) Mag. = 5.1 (CGS)					
	NDI	eP e eS	14	10	40 10 42 12 44	11.3
	BHK	e e	14	10	55 12 47	
	CHA	iP	14	12	16	D
	BOM	eP e	14	12	19 18 32	
	P00	eP e	14	12	29 20 32	
	SHL	iP	14	12	55	DW
	MDR	eP eS e	14	13	51 18 32 21 42	28.4
	BOK	i i	14	16	11 18 41	
20	TRD	e	14	24	00	
20	EPC: 1.8N, 101.0W EAST CENTRAL PACIFIC OCEAN -H = 15h 26m 41.5s					

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	Depth = Normal (USCGS) MB = 5.5, MS = 5.7(CGS) Mag. 5.4-5.5 (BRK), 5.9(GOL)					
	NDI	ePKP i	15	46	25 46 29	
	SHL	iPKP	15	46	27	C
	CHA	ePKP	15	46	28	C
	P00	ePKP e	15	46	39.5 50 55	
	BOM	ePKP	15	46	44	
20	MDR	e e	16	01	47 08 17	
20	BOM	e	16	41	33	
20	MDR	e	16	59	20	
20	NDI	e	20	08	18	
20	P00	eP	23	01	38	
21	EPC: 23.6S, 68.1W NORTHERN CHILE -H 02h 00m 54.3 Depth = 120 kms (USCGS) Mag. = 5.5 (CGS)					
	P00	ePKP	02	20	16.3	
	KOD	iPKP	02	20	19.0	D
	NDI	iPKP	02	20	25.6	D
	MDR	iPKP	02	20	27	D
	SHL	iPKP	02	20	43	DS
21	NDI	e	07	31	02	
21	SHL	iP	11	22	23	D
21	NDI	eP	11	48	15	
21	SHL	iP	19	11	00.0	DE
21	EPC: 36.0N, 69.3E Hindu Kush Region -H = 19h 09m 53.6s Depth = 72 Kms (USCGS) Mag. = 4.7(CGS)					
21	NDI	iP iS	19	12	13.5 14 02	DNW 9.8 Mb= 6.3
	BHK	e	19	12	14	
	P00	e	19	14	-	
	CHA	iP i	19	14	20 17 10	C
	SHL	iP	19	14	43	CSE
21	BOK	eP	19	17	32	
21	EPC: 2.7N, 95.8E OFF W. COAST OF NORTHERN SUMATRA -H= 21h 29m 21.7s Depth N. (USCGS), Mag. 4.9 (CGS) 18.3					
	MDR	eP PP eS	21	33	34 33 50 56 58	

SEPTEMBER, 1969

- 24 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
23	EPC: 2.8N, 96.0E NORTHERN SUMATRA -H = 04h 04m 12.5s Depth = Normal (USCGS) Mb = 5.2 (CGS)					
	SHL	iP	04	09	11	DS
	NDI	eP	04	10	29	
23	P00	e	04	15	45	
23	P00	ePg	04	59	24	
23	P00	ePg	05	34	46	
23	EPC: 8.0N, 126.4E MINDANAO, PHILLIPINE ISLANDS -H = 08h 46m 25.6s Depth = 110 Kms (USCGS)					
	SHL	eP	08	53	29	
23	P00	e.	11	34	08	
23	CHA	iPg	12	03	11.1	C 0.9
		Sg	03	22.3		
23	EPC: 30.3N, 69.7E WEST PAKISTAN -H = 12h 31m 55.0s Depth = 30 Km (USCGS) Mb = 4.5 (CGS)					
23	BHK	ePn	12	33	19	5.7
		eSn		34	25	
	NDI	ePn	12	33	35.0	6.8
		i		34	09	
		iSn		34	53.0	M= 5.1
		iSg		35	35	
	P00	eP	12	34	53	
	BOK	eP	12	35	36	15.7
		eS		38	36	
	CHA	eP	12	35	36	
	SEH	e	12	36	05	
	SHL	e	12	36	30	
		e		43	00	
	BOM	eS	12	38	16	
	VIS	eS	12	39	23	
	CAL	e	12	40	22	
		i		41	50	
	GOA	e	12	40	38.4	
	MDR	e	12	40	40	
		e		41	25	
		e		42	23	
	KOD	e	12	42	36	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
23	P00	e	16	06	11	
23	CHA	iP	16	30	48	C
23	NDI	eP	17	01	50	
23	PBA	iPg	20	37	03	C 0.7
		iSg		37	12	
		PPP		37	18	
		i		37	26	
		SS		37	30	
23	P00	iPg	21	13	18.5	D 1.1
		eSg		13	32.7	
	BOM	ePn	21	13	31.	1.6
		eSn		13	52	
23	NDI	eP	23	32	48	
2	SHL	eP	22	34	29	
23	EPC: 18.7N, 107.1W OFF COAST OF JALISCO, MEXICO -H = 22h 37m 22.6s Depth = Nomrla (USCGS) Mb = 4.9, Ms = 5.6 (CGS) Mag. = 6.2(PAS), 5½-5¾ (BRK)					
	NDI	ePKP	22	56	48	
	P00	ePKP	22	57	15	
	KOD	ePKP	22	57	20	
	MDR	ePKP	22	57	26	
	CHA	iP*	22	57	42.3	C 1.2
		S*		57	58.1	
23	BOM	e	23	35	08	
23	SHL	eP	23	59	25	
24	EPC: 7.7N, 135.9E WEST CAROLINE ISLANDS -H = 00h 26m 37.3s Depth = 18 Km (USCGS) Mb = 4.6(CGS)					
	SHL	iP	00	34	57	CSW
	CHA	iP	00	35	33	C
	P00	eP	00	36	51	
24	SHL	iP	03	49	11	C
24	EPC: 52.5N, 31.8W NORTH ATLANTIC RIDGE -H = 03h 58m 56.5s Depth = Normal (USCGS) Mb = 5.2, Ms = 5.2 (CGS)					
24	NDI	eP	04	10	55	78.3
		PP		13	50	
		eS		20	56	
		PS		21	36	

SEPTEMBER, 1969

- 25 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	CHA	iP	04 11 37	C		CHA	e	18 23 03	
	SHL	iP	04 11 49	C			e	32 40	
24	P00	eP	04 11 06.5			MDR	e	18 23 29	
24	EPC: 52.6N, 31.8W NORTHERN ATLANTIC RIDGE -H = 04h 20m 52.9s Depth = Normal (USCGS) Mag. = 5.2 (CGS)						TRD	e	18 25 54
	NDI	eP	04 32 51		24	SHL	eP	19 48 13	
		e	35 45		24	SHL	eP	19 52 24	D
	CHA	eP	04 33 29		24	P00	eP	21 53 44	
	P00	eP	04 33 34.5		24	SHL	eP	23 51 39	
	SHL	iP	04 33 45	C	25	P00	ePn	00 32 22	
24	NDI	eP	04 44 34	9.0			e	33 06.5	
		eS	46 17			NDI	eP	00 33 33	8.4
24	SHL	iP	05 27 53	CW			eS	35 09	
24	NDI	e	06 43 10		25	CHA	iP	03 09 28	C
24	P00	ePg	10 52 05.5		25	P00	e	03 38 00	
24	NDI	eP	11 45 11.2	0.26		KOD	eP	03 38 45	
		iSg	45 14.5		25	NDI	e	03 47 03	
24	P00	e	12 00 26		25	NDI	eP	05 47 57	
24	NDI	e	13 36 14				i	48 32	
24	EPC: 15.2N, 45.8W NORTH ATLANTIC RIDGE -H = 18h 03m 19.0s MG 5.8, MS 6.4 Depth = Normal (USCGS) Mag. 6.2 (PAS), 6(BRK)(CGS) 6½ (GOL)					25	CHA	iP	05 59 20.5 C
	NDI	eP	18 17 48				PP	59 27.3	1.8
	P00	ePKP	18 21 50				PPP	59 33.2	
		e	32 02				S	59 43.8	
	SHL	ePKP	18 22 13	126	25	EPC: 37.2N, 20.1E IONIAN SEA -H = 11h 45m 34.3s Depth = NORMAL (USCGS) Mb = 4.2 (CGS)			
		eS	33 38			NDI	eP	11 54 08	
	BOK	ePKP	18 22 16	122	25	EPC: 12.6S, 166.8E SANTA CRUZ ISLANDS -H = 14h 02m 21.8s Depth = 101 Km (USCGS) Mb = 4.9(CGS)			
		i	30 28			CHA	iP	14 14 57	C
24	R0D	e	18 22 30			P00	e	14 16 17	
	BOM	ePP	18 22 34		25	EPC: 36.7N, 55.1E -H = 15h 25m 29.3s (IRAN) Depth = 32 Km (USCGS) Mb = 5.1 (CGS)			
		e	29 33			NDI	iP	15 30 00.3	D
		e	31 55			CHA	iP	15 31 21	D
	PBA	iPKP	18 22 41	D			i	32 23	
	GOA	e	18 22 45.3		25	SHL	eP	18 13 15	
		e	29 50.5						
	VIS	e	18 23 00						
		e	26 18						

SEPTEMBER, 1969

- 26 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
25	SHL	iP	19	48	23	DSW
25	SHL	eP	20	39	44	
25	EPC: 52.2N, 169.4W FOX ISLANDS, ALEUTIAN ISLANDS -H = 21h 33m 16.9s Depth = 5 Kms (USCGS) Mb = 4.5 (CGS)					
	NDI	eP	21	45	31	
	P00	eP	21	45	53	
25	EPC: 32.5N, 102.E -H = 23h 10 37.6s SZECHWAN PROVINCE, CHINA Depth = Normal (USCGS) Mb = 5.0 (CGS)					
	TOC	eP	23	12	43	
	SHL	iP	23	13	19	D.E
	CHA	iP	23	13	59	D
		e		18	17	
	BOK	eP	23	14	30	
	NDI	eP	23	15	27	21.7
		iS		19	28	
		i		20	28	
	P00	eP	23	16	35	
26	NDI	ePg	00	16	08.6	0.24
		eSg		16	11.8	
26	P00	e	01	14	53	
26	CHA	iP	01	52	44	C
26	TOC	iP	02	47	40.5	C
26	SHL	eP	02	48	01	
26	CHA	iP	02	48	57	D
26	SHL	iP	03	51	21	DSE
	CHA	iP	03	52	12.6	C 8.5
		S		53	49.8	
26	P00	e	03	58	-	
26	P00	e	04	59	31	
26	EPC: 16.4N, 41.0E RED SEA -H = 04h 54m 35.7s Depth = 25 Kms (USCGS) Mb = 5.1, MS 5.3 (CGS)					
	NDI	iP	05	01	31.6	D 36.5
		eS		07	11	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	BOK	eP	05	02	33	42.9
		eS		08	58	
	CHA	iP	05	02	42	C
	SHL	iP	05	03	14	DS
26	P00	ePg	06	32	23	
26	BHK	eP	06	52	13	2.5
		eS		52	45	
	NDI	ePn	06	52	15.5	6.1
		iSn		53	26.5	
	P00	e	06	57	-	
26	EPC: 45.9N, 42.5E SOUTH WESTERN RUSSIA -H = 06 59m 55.8s Depth) G (USCGS) Mb = 5.6 (CGS)					
	NDI	iP	07	06	27.1	CS
		i		07	17.0	
	P00	eP	07	07	13	
	CHA	iP	07	07	36	C
	BOK	iP	07	07	45	W
	SHL	iP	07	08	00.6	CE
	KOD	iP	07	08	25.5	CE
	PBA	iP	07	09	28	D
26	SHL	iP	07	59	57	C
26	CHA	eP	08	00	47	
26	EPC: 1.0N, 123.8E NORTHERN CALEBES -H = 08h 26m 34.4s Depth = 257 Kms (USCGS) Mb 4.8 (CGS)					
	SHL	iP	08	33	41	CNW
	P00	eP	08	35	18	
	NDI	eP	08	35	20	
26	EPC: 24.0S, 66.5W SALT PROVINCE ARGENTINA -H = 08h 22m 54.3s Depth = 188 Km (USCGS) Mb = 3.8 (CGS)					
	NDI	eP	08	42	17	
26	NDI	e	12	04	45.5	
		e		04	50	
26	SHL	eP	13	14	07	
26	EPC: 5.4S, 153.0E					



SEPTEMBER, 1969

DATE STN PHASE H. M. S. \triangle
Deg.

NEW IRELAND REGION
-H = 14h 17m 56.9s
Depth = 50 Kms (USCGS)
Mb = 4.7 (CGS)

NDI eP 14 30 04

26 NDI i 15 30 17.0
i 30 27.2

26 NDI iPn 16 09 45.5 CNE 1.49
iSn 10 06.0 M = 3.2
iSg 10 07.0

26 P00 e 16 13 24

26 NDI e 21 01 20

26 SHL iP 23 44 36 D

26 NDI eP 23 50 04

27 TOC eP 00 14 45

SHL iP 00 15 11 CSE

27 SHL eP 00 52 11

27 DDI iP 03 11 47.1 C

27 SHL iP 03 33 19 D

CHA eP 03 34 55

27 EPC: 43.9N, 147.0E
KURILE ISLANDS
-H = 04h 02m 16.3s
Depth = 47 Km (USCGS)
Mb = 5.4 (CGS)

SHL iP 04 10 51 DNE

CHA iP 04 11 14 D

NDI iP 04 11 56.3 C

P00 eP 04 12 54

KOD iP 04 13 14.8 DE

27 EPC: 49.6N, 156.0E
KURILE ISLANDS
-H = 08h 50m 38.4s
Depth = 50 Km (USCGS)
Mb = 4.9 (CGS)

27 P00: eP 09 01 -

NDI i 09 01 34

KOD iP 09 02 16.5 CE

27 EPC: 60.9S, 56.0W
SOUTH SMETLAND ISLANDS
-H = 09h 04m 02.3s
Depth = Normal (USCGS)
Mb = 5.8 (MS 5.9 (CGS))

KOD e 09 22 51.2

DATE STN PHASE H. M. S. \triangle
Deg.

MDR e 09 22 56

Poo eP 09 23 02

SHL iP 09 23 15 C

NDI ePKP 09 23 21

CHA iP 09 23 27 C

27 P00 e 09 36 21

27 B0M e 10 01 -

27 NDI e 10 05 49
i 06 48

27 PBA e 13 51 19

27 NDI eP 15 39 24 7.43
i 39 35
iS 40 50

27 CHA iP 16 00 04

NDI eP 16 00 07 6.24
eS 01 20

27 CHA iP 16 05 09 C

27 EPC: 38.6N, 75.1E
-H = 16h 56m 25.2s
SOUTHERN SINKIANG PROV. CHINA
Depth = Normal (USCGS)
MB = 4.9 (CGS)

BHK eP 16 58 17.0 7.6
eS 59 43.0

NDI iP 16 58 52.2 CSE 10.2
iS 17 00 40

P00 e 17 00 -

SHL iP 17 00 49 CN

27 SHL iP 17 05 42 D

27 CHA iP 17 52 14 C

KOD iPg 17 53 59.0 DW 0.7
PP 54 06.2
iSg 54 08.7
PPP 54 12.5
SS 54 23.0
SSS 54 33.0

SHL iP 17 54 41 D

MDR e 17 55 55

P00 e 17 57 43
CHA iP 18 21 33 C

27 EPC: e18.0N, 144.8E
MARIANA ISLANDS
-H = 18h 42m 51.5s
Depth = 28 Km (USCGS)
Mb = 4.5 (CGS)

SEPTEMBER, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	NDI	iP	18	53	13.5	C
	P00	eP	18	53	43	
27	EPC: 9.4S, 107.8E SOUTH OF JAVA -H = 19h 13m 48.6s Depth = Normal (USCGS) Mb = 5.6 (CGS)					
	PBA	iP	19	19	16	D
	MDR	eP	19	20	44	35.5
		eS		26	16	
	KOD	iP	19	20	50.8	CNW
	VIS	iP	19	20	51	CW
	SHL	iP	19	21	05	CNW
	BOK	iP	19	21	18	NE 39.5
		iS		27	18	
	P00	iP	19	21	51	C
	NDI	iP	19	22	25	
		e		29	20	
27	EPC: 23.3N, 144.2E VOLCANO ISLANDS REGION -H = 07h 20m 09.1s Depth = 183 Kms(USCGS) Mb = 4.5 (CGS)					
	CHA	iP	07	28	55	D
	NDI	eP	07	29	54	
	P00	eP	07	30	29	
28	NDI	e	11	06	05	
28	EPC: 12.1S, 24.3W (PERU) -H = 11h 52m 59.1s Depth = 45 Kms (USCGS) Mb = 5.0 (CGS)					
	P00	ePKP	12	12	40	
	NDI	ePKP	12	12	41	
28	BHK	eP	16	28	39.5	6.2
		eS		29	51.5	
	NDI	eP	16	29	12.5	11.0
		e		29	14	M= 5.7
		eS		30	57	
	CHA	iP	16	30	43	D
	P00	eP	16	31	09	
	SHL	iP	16	31	28	C
28	SHL	eP	17	03	37	
28	EPC: 1.9N, 126.4E MOLUCCA PASSAGE					

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	-H = 17h 58m 41.7s Depth = Normal (USCGS) Mb = 5.1, Ms 4.7 (CGS)					
	SHL	iP	18	06	20	CW
	BOK	eP	18	06	54	
	CHA	iP	18	06	57	D
	VIS	iP	18	06	57	CW
	MDR	eP	18	07	11	47.0
		PP		09	01	
		eS		14	01	
	KOD	eP	18	07	28.8	E
	P00	eP	18	08	03	
	NDI	eP	18	08	07.5	54.3
		eS		15	35	
	BOM	eP	18	08	09	
		e		16	01	
		e		17	50	
28	EPC: 39.3N, 73.6E TADZHIKA-SINKINAG BORDER REGION -H = 18h 53m 28.6s Depth = 62 km (USCGS) Mb = 5.0 (CGS)					
	BHK	eP	18	55	31	
		e		57	05	
	NDI	eP	18	56	02	10.7
		eS		58	09	
		i		58	21	
	CHA	iP	18	57	20	C
		e		19	00	47
	BOK	eP	18	57	43	18.6
		eS		19	01	07
		i		01	19	
	SHL	iP	18	58	03	C
	P00	eP	18	58	09	
	VIS	eP	18	58	35	23.7
		ePP		59	12	
		eS		19	02	41
	KOD	eP	18	59	30.5	
	BOM	e	19	02	00	
		e		06	02	
	CAL	i	19	02	10	
	MDR	eS	19	03	25	
	TRD	e	19	10	33	
28	EPC: 13.1N, 142.7E, H=19h 50m 23.6s SOUTH OF MARIANA ISLANDS Depth = 150 Km (USCGS) Mb = 5.3 (CGS)					
	SHL	iP	19	59	05	C

SEPTEMBER, 1969

- 29 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	CHA	iP	19 59 39	D	29	NDI	eP	07 05 29	
	NDI	eP	20 00 37				iS	09 16	
	P00	eP	20 01 02			CHA	eP	07 07 06	
28	NDI	iPg	21 29 13.1	CSE 0.35	29	P00	e	07 11 -	
		iSg	29 17.7	M= 2.5		CHA	iP	08 37 26	D
28	EPC:	34.3N, 25.1E					i	38 21	
	CRETE					NDI	ePn	08 38 11.5	4.6
	-H =	22h 54m 06.6s					P*	38 19.0	
	Depth =	19 Km (USCGS)					Pg	38 32	
	Mb=	5.4, Ms 5.5 (CGS)					Sn	39 07	
	NDI	eP	23 02 18	44.5			Sg	39 40.2	
		eS	08 52			BOK	eP	08 38 47	
	BOM	iP	23 02 23	C 45.0			e	39 17.2	
		PP	04 09			P00	e	08 42 -	
		iS	09 02		29	NDI	eP	08 44 04	17.5
		SS	12 15				eS	47 18	
	P00	e	23 02 31.2		29	BOM	e	08 56 22	
		e	09 18		29	KOD	i	09 00 22.0	
	SEH	eP	23 02 33		29	P00	e	10 38 -	
	BOK	iP	23 03 26	CE 53.1	29	KOD	eP	11 42 09	
		eS	10 55		29	SHL	eP	13 05 34	
		i	11 02		29	P00	e	16 14 -	
	CHA	iP	23 03 27	D 53.2	29	EPC:	7.2S, 128.8E		
		eS	10 55			BANDA SEA			
	KOD	iP	23 03 27.5	DNW		-H =	16h 20m 00.4s		
	TRD	eP	23 03 29			Depth =	145Km. (USCGS)		
		e	05 30			Mb	5.7 (CGS)		
	MDR	eP	23 03 32	54.0		FELT AT	DARWIN		
		eS	11 09			PBA	iP	16 27 26	D
	VIS	eP	23 03 32			TOC	eP	16 28 25	
	SHL	iP	23 03 55	C		SHL	iP	16 28 29	CNW
	PBA	iP	23 04 47			CAL	iP	16 28 40	
28	CAL	iS	23 11 33				e	36 26	
28	PBA	e	23 40 16			VIS	iP	16 28 51	DE
29	P00	ePg	00 03 37	1.1		MDR	iP	16 28 58	52.0
		eSg	09 51.8				PP	31 03	
29	P00	eP	00 05 23				PPP	32 06	
29	GOA	e	01 02 44.3				iS	36 09	
		e	04 45.1				PS	36 39	
29	P00	ePg	04 12 35			BOK	iP	16 28 58	52.0
29	PBA	iPg	04 49 41	C 0.9			i	29 41	
		iSg	49 53				i	31 41	
		SS	50 09				iS	36 09	
		SSS	50 21				i	36 58	
29	P00	e	04 57 -			CHA	iP	16 29 02	C M= 5.7
							e	37 07	

SEPTEMBER, 1969

- 30 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	TRD	eP	16	29	10	54.0
		e		29	54	
		e		31	54	
		eS		36	32	
	KOD	iP	16	29	12.2	DE
	SEH	eP	16	29	31	
	POD	eP	16	29	51	
		e		30	25	
	BOM	eP	16	29	58	60.6
		ePP		32	18	
		iS		38	01	
	NDI	iP	16	30	00	CNW 61.0
		PCP		30	40	
		PP		32	20	
		i		32	54	
		i		34	22	
		iS		38	04	
		SS		42	08	
29	BOM	eP	16	30	41	58.5
		eS		38	44	
29	NDI	e	16	59	05	
29	EPC: 43.4N, 147.7E KURILE ISLANDS -H = 17h 58m 38.8s Depth = 32 Km (USCGS) Mb = 5.4, Ms 5.3 (CGS)					
	SHL	iP	18	07	19	CW
	CHA	iP	18	07	42	D 51.3
		eS		14	59	
	NDI	eP	18	08	25	CW 57.2
		eS		16	20	
	SEH	eP	18	08	48	
	MDR	eP	18	09	17	
		e		18	10	
	P00	eP	18	09	22.5	
	BOM	eP	18	09	25	
		e		17	36	
	KOD	iP	18	09	42	DNE
29	SHL	iP	19	23	23	D
29	SHL	eP	19	39	15	
29	EPC: 24.8N, 95.3E, BURMA -H = 19h 57m 50.3s (USCGS) Depth = 119 Kms Mb = 4.9 (CGS)					
29	TOC	ePn	19	58	28	2.04
		iSn		58	54.5	
	SHL	iP	19	58	39	CNW

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	CHA	iP	19	59	39.9	C 7.6
		eS	20	00	59.8	M= 5½
	BOK	eP	19	49	52	8.4
		eS		01	23	
		i		01	26	
	CAL	i	20	00	37	
	VIS	iP	20	00	52	D
		i		03	05	
	NDI	iP	20	01	38	DE
		i		04	28	
	MDR	eP	20	01	59	18.4
		PP		02	12	
		PPP		02	20	
		eS		05	17	
	P00	eP	20	02	24	
	KOD	eP	20	02	40	E
29	BOM	e	20	06	25	
29	EPC: 32.9S, 19.7E REPUBLIC of SOUTH AFRICA H= 20h 03m 32.8s Depth= NORMAL (USCGS) Mb=5.9 Ms 6.3 (CGS) 12 DEAD, DOZENS INJURED, HUNDREDS HOMELESS AT TULBAGH AND WOLSELEX FELT WIDELY THROUGHOUT CHAPE PROVINC. FORESHOCK PRECEDED COMPUTED ORIGIN TIME BY APPROXIMATELY, 5 SECONDS. MAG. 6.1 (BRK)					
	TRD	eP	20	14	34	68.6
		PPP		18	55	
	KOD	iP	20	14	43.7	D 70.1
		iS		24	00	
	GOA	eP	20	14	48.6	71.0
		pP		17	33.8	
		eS		24	00	
	BOM	eP	20	14	56	72.2
		eS		24	23	
	P00	eP	20	15	03	73.4
		eS		24	32	
	MDR	eP	20	15	05	73.8
		PCP		15	22	
		PP		17	57	
		eS		24	34	
		SKS		25	12	
		SS		29	31	
	SEH	eP	20	15	31	
	VIS	iP	20	15	38	DW 79.6
		eS		25	36	

SEPTEMBER, 1969

- 31 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
-----					-----					
	NDI	iP	20 15 54.0	82.6						
		eS	26 09							
		SS	31 30							
	PBA	iP	20 15 54	D						
	BOK	iP	20 16 07	85.2						
		iS	26 30							
		SS	32 11							
		i	32 21							
	CHA	iP	20 16 20	D	87.9					
		eS	27 05							
	SHL	iP	20 16 30	D	90.0					
		eS	27 24							
	CAL	eS	20 26 52							
29	BHK	eP	20 17 55	6.6						
		eS	19 12							
29	BNS	iP	20 18 01							
29	P00	ePg	23 52 39.7	1.2						
		eSg	52 56.6							
30	EPC: 31.9S, 177.9W. KARMADEC ISLANDS H= 04h 11m 16.1s Depth=NORMAL(USCGS) Mb= 5.4 Ms= 5.5 (CGS)									
	MDR	ePKP	04 29 54							
	P00	ePKP	04 29 55							
	NDI	ePKP	04 29 57							
	BOM	e	04 36 49							
30	SHL	eP	05 11 08		30	SHL	eP	20 02 51		
	CHA	iP	05 11 58.8	D	3.4	30	EPC: 25.6N, 94.6E BURMA INDIA BORDER REGION H= 23h 13m 28.8s Depth= 20 Kms (USCGS) Mb 5.4(CGS)			
		PP	1 12 06.2				TOC	ePg	23 13 54.7	1.1
		S	12 40.4					iSg	14 09.0	
30	BOM	e	05 15 32				SHL	iP	23 14 10	DNE 2.5
		e	17 32					iS	14 56	
30	PBA	ePg	06 46 47	0.6			CHA	iP	23 15 11	C 2.0
		iSg	46 55					e	17 11	M= 6.75
		PPP	47 04				BOK	e	23 15 26	8.0
		SSS	47 22					e	16 53	
30	NDI	iP	07 43 11.4	CN			CAL	eP	23 15 27	
30	CHA	eP	09 55 02				BNS	i	23 15 40	
30	BOM	e	10 03 30				NDI	eP	23 17 06	15.3
30	NDI	eP	11 27 07					iS	19 51	
		eS	28 33				MDR	eP	23 17 51	
30	SHL	eP	14 00 31					e	21 12	
30	EPC: 2.8S, 10.2E SOUTHERN SUMATRA H= 14h 53m 38.1s Depth= NORMAL (USCGS)							P00	eP	23 18 08
	SHL	iP	14 59 47	DS			BOM	eP	23 18 21	
	CHA	iP	15 00 14					i	18 29	
	NDI	eP	15 01 07					e	22 36	
30	SHL	iP	17 14 16	C						
30	NDI	i	17 16 21.0				KOD	iP	23 18 29.5	W
30	EPC: 31.9S, 178.0W KARMADEC ISLAND H= 17h 51m 41.8s Depth= NORMAL (USCGS) Mb=5.4 Ms 6.1 (CGS)									

SEPTEMBER, 1969

- 32 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOKARO									
01	00	3	0.1	3.9	Contd	12	3	0.3	4.3
	06	3	0.2	4.2		18	3	0.3	4.4
	12	3	0.2	4.1	13	00	3	0.3	4.5
	18	3	0.2	4.1		06	3	0.3	4.5
02	00	3	0.2	4.6		12	3	0.3	4.4
	06	3	0.2	4.2		18	3	0.3	4.6
	12	3	0.2	4.0	14	00	3	0.3	4.6
	18	3	0.1	4.0		06	3	0.3	4.1
03	00	3	0.1	4.0		12	3	0.3	4.5
	06	3	0.1	3.7		18	3	0.3	4.4
	12	3	0.2	4.0	15	00	3	0.2	4.0
	18	3	0.1	4.2		06	3	0.1	4.2
04	00	3	0.2	4.2		12	3	0.2	4.1
	06	3	0.2	4.6		18	3	0.2	4.6
	12	3	0.2	4.0	16	00	3	0.1	4.1
	18	3	0.2	4.6		06	3	0.1	3.7
05	00	3	0.2	4.0		12	3	0.1	3.3
	06	3	0.2	4.0		18	3	0.1	3.0
	12	...	-	-	17	00	3	0.1	3.0
	18	3	0.3	4.2		06	3	0.2	3.4
06	00	3	0.3	4.4		12	3	0.2	3.3
	06	3	0.4	4.0		18	3	0.3	3.1
	12	3	0.5	3.7	18	00	3	0.3	3.0
	18	...	-	-		06	3	0.3	3.0
07	00	3	0.7	4.1		12	3	0.3	3.1
	06	3	0.8	3.8		18	3	0.3	3.1
	12	3	0.8	3.8	19	00	3	0.3	3.2
	18	3	0.7	4.0		06	3	0.2	3.4
08	00	3	0.8	4.0		12	3	0.3	3.6
	06	3	0.6	4.1		18	3	0.3	3.5
	12	3	0.8	4.3	20	00	3	0.3	3.1
	18	3	0.6	4.2		06	...	-	-
09	00	3	0.5	4.4		12	3	0.3	3.7
	06	...	-	-		18	3	0.3	3.0
	12	3	0.5	4.7	21	00	3	0.2	3.0
	18	3	0.5	4.9		06	3	0.1	3.2
10	00	3	0.6	4.6		12	3	0.1	3.3
	06	3	0.5	4.9		18	3	0.1	3.4
	12	3	0.4	4.6	22	00	3	0.1	3.5
	18	3	0.5	4.5		06	3	0.1	4.1
11	00	3	0.4	4.2		12	3	0.2	4.5
	06	3	0.3	4.4		18	3	0.2	4.5
	12	3	0.3	4.4	23	00	3	0.1	4.3
	18	3	0.3	4.7		06	3	0.1	4.3
12	00	3	0.3	4.6		12	3	0.1	4.5
	06	3	0.3	4.5		18	3	0.1	3.5
					24	00	3	0.1	3.4
						06	3	0.2	4.0

SEPTEMBER, 1969

- 33 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	12	3	0.2	3.2	04	00	3	0.6	3.9
	18	3	0.1	3.2				0.5	3.1
25	00	3	0.3	4.3				0.2	2.0
	06	3	0.2	4.1	06	3	3	0.5	3.9
	12	3	0.3	4.5				0.4	3.1
	18	3	0.3	4.3				0.3	2.2
26	00	3	0.3	4.3	12	3	3	0.6	3.9
	06	3	0.3	4.8				0.4	3.1
	12	3	0.4	5.8	18	3	3	0.7	3.8
	18	3	0.3	4.8				0.4	2.9
27	00	3	0.3	5.0	05	00	3	0.6	4.0
	06	3	0.2	4.9				0.3	3.0
	12	3	0.3	4.8				0.2	2.0
	18	3	0.2	4.8	06	3	3	0.8	4.1
28	00	3	0.2	4.7				0.3	2.1
	06	3	0.2	4.6	12			Shock in Progress	
	12	3	0.2	4.7	18	3	3	0.7	4.1
	18	3	0.2	5.1				0.6	3.0
29	00	3	0.3	5.4				0.3	2.0
	06	3	0.1	4.4	06	00	3	0.7	4.2
	12	3	0.2	4.8				0.3	2.0
	18	3	0.1	5.1	06	06	3	0.9	3.8
30	00	3	0.1	4.8				0.5	3.0
	06	3	0.2	4.2				0.3	2.0
	12	3	0.2	4.3	12	3	3	0.9	3.8
	18	3	0.2	4.6				0.7	3.0
								0.3	2.2
					18			Shock in progress	
					07	00	3	0.9	3.8
								0.6	2.9
					06	3	3	1.1	4.0
								0.7	3.0
					12	3	3	1.1	4.0
								0.8	3.1
								0.3	2.0
					18	3	3	1.1	3.9
								0.8	3.0
								0.3	2.0
					08	00	3	1.1	4.0
								0.9	3.0
								0.3	1.9
					06	3	3	1.5	3.9
								0.9	2.9
								0.4	2.0
					12	3	3	1.9	3.8
								1.1	3.0
								0.5	2.0
					18	3	3	1.9	3.9
								1.1	3.1
								0.6	2.0
					09	00	3	1.9	4.0
								1.3	3.0
								0.4	2.0
					06			Shock in Progress	

STATION : BOMBAY

01	00 & 06		Loss of record	
	12	3	0.5	3.9
	18	3	0.3	2.4
			0.5	3.5
			0.3	2.3
02	00	3	0.5	3.7
			0.3	3.0
			0.1	2.2
	06	3	0.5	3.4
			0.4	2.4
	12	3	0.5	3.0
			0.5	2.1
	18	3	0.6	3.1
			0.4	2.2
03	00	3	0.5	3.3
			0.3	2.1
	06	3	0.6	3.8
			0.4	2.9
	12	3	0.7	3.9
			0.5	3.0
			0.3	2.0
	18	3	0.6	3.8
			0.4	3.0

SEPTEMBER, 1969

- 34 -

DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd 12	3	2.1	3.8	Contd		0.5	3.1
		1.1	3.0				0.2	1.7
		0.6	2.0	06	3	0.9	3.9
18	3	1.9	4.0			0.5	3.1
		1.1	3.0			0.2	2.0
		0.8	2.0	12	3	0.7	3.9
10 00	3	1.9	4.0			0.5	3.1
		1.3	3.0	18	3	0.5	4.0
		0.6	2.0			0.5	3.0
06	3	2.1	3.9			0.2	1.8
		1.5	3.0	15 00	3	0.6	3.8
		0.6	2.0			0.2	1.8
12	3	2.1	3.9	06	3	0.5	4.1
		1.5	3.0			0.2	1.7
		0.5	2.0	12	3	0.5	4.0
18	3	2.0	4.1			0.5	3.0
		1.5	3.0			0.2	1.8
		0.7	2.0	18	3	0.5	4.0
11 00	3	1.9	4.0			0.2	1.8
		1.4	3.1	16 00	3	0.5	3.7
		0.8	2.2			0.2	1.8
06	3	1.7	4.0	06	3	0.5	3.9
		1.3	3.0			0.2	1.9
		0.5	2.0	12	3	0.5	4.0
12	3	1.5	4.0			0.4	3.9
		1.3	2.9			0.2	1.8
		0.7	2.0	17 00	3	0.4	3.9
18	3	1.5	4.0			0.3	3.0
		1.5	2.9	06	3	0.5	3.8
		0.9	2.2			0.2	1.8
12 00	3	1.4	4.0	12	3	0.4	3.7
		1.0	3.0			0.2	1.9
		0.5	2.0	18	3	0.3	3.7
06	3	1.3	4.1			0.2	1.9
		0.9	3.0	18 00	3	0.4	3.9
		0.4	2.0			0.3	2.9
12	3	1.3	4.0			0.2	1.8
		0.7	3.0	06	3	0.5	3.8
		0.2	1.8			0.3	2.9
18	3	1.2	4.0			0.2	2.0
		0.9	3.0	12	3	0.5	2.9
		0.3	2.0			0.3	2.2
13 00	3	1.1	3.9	18	3	0.5	3.1
		0.6	3.0			0.3	2.0
06	3	1.1	4.1	19 00	3	0.5	3.0
		0.5	3.0			0.3	2.0
12	3	0.9	4.0	06	3	0.5	3.2
		0.6	3.1			0.2	1.9
		0.2	1.7	12	3	0.4	3.1
18	3	0.9	3.9			0.2	1.8
		0.5	3.1	18	3	0.5	3.1
		0.2	1.8	20 00	3	0.5	3.1
14 00	3	0.9	3.9	06		Shock in Progress	

SEPTEMBER, 1969

- 35 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
contd	12	3	0.4	3.7		12	3	0.4	5.9
			0.2	1.9				0.2	1.7
	18	3	0.3	3.6		18	3	0.3	6.0
21	00	3	0.4	3.8	28	00	3	0.3	5.9
			0.2	1.8					0.2	1.8
	06	3	0.3	3.8		06	3	0.3	5.9
	12	3	0.2	1.9		12	3	0.2	1.9
			0.3	3.7					0.3	5.9
22	18	3	0.2	1.8		18	3	0.2	1.9
			0.3	3.7					0.3	5.9
	00	3	0.3	3.8	29	00	3	0.3	3.8
			0.2	1.8					0.2	1.8
	06	3	0.3	3.0		06	3	0.3	6.0
	12	3	0.2	2.0		12	3	0.3	6.0
			0.3	2.3					0.3	3.8
23	18	3	0.3	3.0		18	3	0.2	1.8
			0.2	2.2					0.3	5.9
	00	3	0.3	3.0	30	00	3	0.3	5.1
			0.2	2.0					0.2	1.8
	06	3	0.3	3.3		06	3	0.3	5.1
			0.2	2.2					0.3	2.0
	12	3	0.4	3.8		12	3	0.3	5.8
			0.3	2.3					0.3
24	18	3	0.4	3.9		18	3	0.3	2.0
			0.3	3.1					0.3	2.0
			0.2	2.0	STATION : CALCUTTA				
24	00		Shock in Progress		01	00	3	0.3	6.0
	06	3	0.4	3.8			06	3	0.2
			0.3	2.9				0.3	5.0
			0.1	2.0			12	3	0.2
	12	3	0.3	4.0		12	3	0.3	5.0
			0.3	3.0					0.5	5.0
	18	3	0.3	4.0	02	00	3	0.2	1.0
			0.3	2.9					0.4	4.0
25			0.1	2.2		06	3	0.2	1.0
	00	3	0.3	3.8			12	3	0.3	4.0
			0.2	3.0		12	3	0.2	1.0
	06	3	0.3	6.0			18	3	0.2	1.0
			0.3	3.9		18	3	0.3	4.0
	12	3	0.3	6.2					0.3	4.0
			0.3	3.8	03	00	3	0.1	1.0
	18	3	0.5	6.1					0.2	4.0
26			0.3	3.0		06	3	0.2	0.6
	00	3	0.4	6.0			12	3	0.5	4.0
			0.4	6.0		12	3	0.2	0.6
	06	3	0.3	3.1			18	3	0.3	4.0
			0.3	6.0		18	3	0.2	0.6
	12	3	0.5	6.0					0.2	4.0
			0.2	1.7	04	00	3	0.2	0.6
	18	3	0.3	6.0					0.4	5.0
27	00	3	0.3	6.0				0.2	0.6
			0.3	3.9				0.2	4.0
	06	3	0.3	5.9				0.2	0.6

SEPTEMBER, 1969

- 36 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
04	06	3	0.3	0.6
			0.4	4.0
	12	3	0.2	0.6
			0.4	4.0
	18	3	0.1	0.6
			0.5	4.0
05	00	3	0.4	4.0
	06	3	0.2	1.0
			0.5	5.0
	12	...	-	-
	18	3	0.6	5.0
06	00	3	1.0	4.0
	06	3	0.2	0.6
			1.0	4.0
	12	3	1.2	4.0
	18	3	2.5	3.5
07	00	3	2.9	4.0
	06	3	2.0	3.5
	12	3	0.2	1.0
			2.6	4.0
	18	3	3.0	3.5
08	00	3	2.3	3.5
	06	3	1.0	3.0
			2.0	4.0
	12	3	1.0	3.0
			1.9	4.0
	18	3	1.9	3.0
			1.5	5.0
09	00	3	1.5	3.5
			1.7	4.0
	06	...	-	-
	12	...	-	-
	18	...	-	-
10	00	...	-	-
	06	3	0.4	0.6
			0.7	4.0
	12	3	0.4	1.0
			0.8	4.0
	18	3	0.7	4.0
11	00	3	0.5	4.0
	06	3	0.4	1.0
			0.6	4.0
	12	...	-	-
	18	...	-	-
12	00	...	-	-
	06	3	0.2	0.6
			0.5	4.0
	12	3	0.2	0.6
			0.5	5.0
	18	3	0.1	0.6
			0.4	5.0
13	00	3	0.1	0.6

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd			0.4	5.0
	06	3	0.2	0.6
			0.5	4.5
	12	...	-	-
	18	...	-	-
14	00	...	-	-
	06	...	-	-
	12	...	-	-
	18	...	-	-
15	00	...	-	-
	06	...	-	-
	12	3	0.2	1.0
			0.5	4.0
	18	3	0.2	1.0
			0.3	4.0
16	00	3	0.2	1.0
			0.5	4.0
	06	3	0.2	0.6
			0.5	4.0
	12	3	0.2	0.6
			0.5	4.0
	18	3	0.2	1.0
			0.3	4.5
17	00	3	0.1	1.0
			0.4	3.0
	06	3	0.2	0.6
			0.4	3.0
	12	3	0.2	0.6
			0.5	3.0
	18	3	0.8	3.5
18	00	3	1.5	3.0
	06	3	0.2	0.6
			1.0	3.0
	12	3	0.2	0.6
			1.0	3.0
	18	3	0.9	3.0
19	00	3	1.0	3.5
	06	3	0.9	3.0
	12	3	0.2	0.6
			1.0	3.5
	18	3	1.3	3.5
20	00	3	1.2	3.0
	06	3	1.0	3.0
	12	3	0.2	0.6
			1.2	3.5
	18	3	0.8	3.0
21	00	3	0.6	3.0
	06	3	0.2	0.6
			0.5	4.0
	12	3	0.2	0.6
			0.4	4.0
	18	3	0.5	3.0
22	00	3	0.2	1.0

SEPTEMBER, 1969

37 -

DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd;		0.3	4.0
06	...	-	-
12	3	0.2	1.0
		0.3	4.0
18	3	0.2	1.0
		0.3	4.0
23	00	3	0.2
			1.0
			0.4
			5.0
06	3	0.2	0.8
			0.5
			3.0
12	3	0.4	0.8
			0.5
			3.0
18	3	0.4	3.0
24	00	3	0.2
			0.6
			0.3
			4.0
06	3	0.2	1.0
			0.4
			4.0
12	3	0.2	0.6
			0.4
			3.5
18	3	0.1	1.0
			0.5
			3.5
25	00	3	0.5
			3.5
06	3	0.2	1.0
			0.5
			4.0
12	3	0.2	1.0
			0.5
			5.0
18	3	0.1	1.0
			0.5
			4.0
26	00	3	0.1
			0.6
			0.5
			4.0
06	3	0.2	1.0
			0.6
			4.0
12	3	0.2	0.6
			0.5
			4.0
18	3	0.2	0.6
			0.7
			6.0
27	00	3	0.2
			1.0
			0.5
			4.0
06	3	0.3	1.0
			0.4
			5.0
12	3	0.2	0.6
			0.4
			5.0
18	3	0.2	0.6
			0.5
			6.0
28	00	3	0.3
			0.6
			0.3
			6.0
06	3	0.2	1.0
			0.4
			4.0
12	3	0.3	0.6
			0.3
			6.0
18	3	0.2	1.0
			0.4
			6.0
29	00	3	0.2
			1.0
			0.3
			5.5

DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Contd			
06	3	0.3	0.6
			0.4
			6.0
12	3	0.3	0.6
			0.3
			6.0
18	3	0.2	1.0
			0.3
			5.5
30	00	3	0.2
			1.0
			0.2
			5.5
06	3	0.3	0.8
			0.3
			5.5
12	3	0.4	0.8
			0.4
			4.0
18	3	0.2	1.0
			0.3
			4.5
STATION: GOA N-S			
01	00	3	0.7
			3.2
	06	...	-
			-
	12	...	-
			-
	18	3	0.4
			3.2
02	00	3	0.5
			3.2
	06	3	0.4
			3.5
	12	3	0.5
			3.7
	18	3	0.4
			3.2
03	00	3	0.5
			3.7
	06	...	-
			-
	12	3	0.5
			3.7
	18	3	0.5
			4.1
04	00	3	0.5
			3.9
	06	3	0.5
			3.8
	12	3	0.4
			4.0
	18	3	0.5
			4.0
05	00	3	0.5
			3.9
	06	...	-
			-
	12	...	-
			-
	18	3	0.5
			3.6
06	00	3	0.6
			3.9
	06	3	0.8
			4.1
	12	3	0.6
			4.0
	18	...	-
			-
07	00	3	1.3
			3.6
	06	3	0.9
			3.9
	12	3	1.1
			4.9
	18	3	1.1
			4.0
08	00	3	1.2
			4.3
	06	3	1.1
			4.1
	12	3	1.2
			4.1
	18	3	1.1
			4.4
09	00	3	1.2
			4.1
	06	...	-
			-
	12	3	1.1
			4.0
	18	3	1.5
			4.2

SEPTEMBER, 1969

- 38 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
10	00	3	1.2	4.4	22	00	3	0.3	4.0
	06	3	1.1	4.0		06	3	0.2	4.3
	12	3	1.1	4.4		12	3	0.2	4.0
	18	3	1.1	4.3		18	3	0.3	4.0
11	00	3	0.9	4.2	23	00	3	0.3	4.2
	06	3	1.1	4.5		06	3	0.2	4.1
	12	3	1.0	4.4		12	3	0.4	5.5
	18	3	0.8	4.1		18	3	0.2	3.9
12	00	3	0.7	4.5	24	00	3	0.2	4.1
	06	3	0.5	4.1		06	3	0.2	4.6
	12	...	-	-		12	3	0.3	4.0
	18	3	0.7	4.3		12	3	0.3	4.4
13	00	3	0.6	4.7	25	00	3	0.3	4.9
	06	3	0.6	4.5		06	3	0.3	5.1
	12	3	0.6	4.9		12	3	0.3	5.5
	18	3	0.7	4.5		18	3	0.4	5.2
14	00	3	0.6	4.7	26	00	3	0.4	6.0
	06	...	-	-		06	3	0.5	5.9
	12	3	0.5	4.4		12	3	0.3	5.5
	18	3	0.6	4.5		18	3	0.3	5.6
15	00	3	0.5	4.7	27	00	3	0.3	6.0
	06	3	0.5	4.4		06	3	0.3	5.3
	12	3	0.4	4.3		12	3	0.3	5.5
	18	3	0.6	4.1		18	3	0.3	5.3
16	00	3	0.5	3.7	28	00	3	0.2	4.9
	06	3	0.3	3.9		06	3	0.2	5.3
	12	3	0.4	4.1		12	3	0.2	5.2
	18	3	0.4	3.7		18	3	0.2	5.4
17	00	3	0.4	4.0	29	00	3	0.3	5.3
	06	3	0.4	3.6		06	3	0.2	5.7
	12	3	0.4	3.6		12	3	0.2	5.1
	18	3	0.4	3.3		18	3	0.2	4.9
18	00	3	0.3	3.0	30	00	3	0.2	5.3
	06	3	0.4	3.3		06	3	0.2	4.8
	12	3	0.4	3.3		12	3	0.3	5.0
	18	3	0.4	3.4		18	3	0.2	4.2
19	00	3	0.4	3.3	STATION : MADRAS				
	06	3	0.3	3.1	01	00	2	0.5	3.4
	12	3	0.3	3.4		03	2	0.5	3.3
	18	3	0.4	3.5		06	2	0.5	3.3
20	00	3	0.4	3.6		12	2	0.6	3.5
	06	...	-	-		18	2	0.6	3.6
	12	3	0.3	3.1	02	00	2	0.6	3.7
	18	3	0.3	3.4		03	2	0.7	3.5
21	00	3	0.3	3.5		06	2	0.7	3.7
	06	3	0.3	3.6		12	2	0.7	3.6
	12	3	0.3	4.0		18	2	0.7	3.6
	18	3	0.3	3.1	03	00	1	0.9	2.7

SEPTEMBER, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
03	03	1	0.9	3.0	06	...		Earthquake	31
contd	06	1	0.9	2.8	09	1	1.3	4.8	31
	12	1	0.9	3.1	12	1	1.2	4.7	
	18	1	0.9	3.1	18	1	1.2	4.9	
04	00	1	0.8	3.2	10	00	1	1.2	4.8
	03	1	1.0	3.4	03	1	1.2	4.7	
	06	1	0.9	3.2	06	1	1.3	4.8	
	12	1	0.9	3.2	12	1	1.2	4.9	
	18	1	1.0	3.6	18	1	1.2	4.8	
05	00	1	1.0	3.9	11	00	1	1.1	4.8
	03	1	1.1	3.8	03	1	1.1	4.9	
	06	1	1.1	3.9	06	1	1.0	4.6	32
	12	1	1.1	4.2	12	1	1.0	4.8	
	18	1	1.1	4.2	18	1	0.9	4.8	
06	00	1	1.2	4.3	12	00	1	0.8	4.7
	03	1	0.8	3.0	03	1	0.8	4.7	
	06	1	1.3	4.4	06	1	0.8	4.7	
	09	1	1.0	3.0	12	1	0.8	4.7	
	12	1	1.2	4.4	18	1	0.8	4.8	
	15	1	1.0	3.0	13	00	1	0.7	4.8
	18	1	1.4	4.4	03	1	0.8	4.8	
	21	1	1.0	3.0	06	1	0.7	4.6	
	24	1	1.5	4.4	12	1	0.8	4.7	
	27	1	0.9	3.0	18	1	0.8	4.6	
	30	1	1.5	4.5	14	00	1	0.7	4.9
	03	1	0.9	2.9	03	1	0.8	4.7	
	06	1	1.3	4.5	06	1	0.8	4.9	
	09	1	0.9	3.0	12	1	0.8	4.9	
07	00	1	1.5	4.5	18	1	0.7	4.8	
	03	1	1.1	3.0	18	2	0.7	5.1	
	06	1	1.6	4.6	15	00	2	0.7	4.8
	09	1	1.1	3.0	03	2	0.6	4.8	
	12	1	1.7	4.5	06	2	0.5	4.6	
	15	1	1.2	3.1	12	2	0.5	4.8	
	18	1	1.7	4.6	18	2	0.3	3.1	
	21	1	1.0	3.0	18	2	0.6	4.9	
	24	1	1.7	4.5	16	00	2	0.5	4.6
	27	1	0.9	3.0	03	2	0.4	2.9	
	30	1	1.6	4.6	06	2	0.5	2.9	
	03	1	1.0	3.0	12	2	0.3	2.9	
	06	1	1.6	4.5	18	2	0.4	3.1	
	09	1	1.5	4.6	18	2	0.4	2.9	
08	00	1	1.4	4.5	17	00	2	0.4	3.0
	03	1	1.2	4.6	03	2	0.4	3.0	
	06	1	1.4	4.4	06	2	0.5	2.9	
	09	1	1.3	4.6	12	2	0.5	3.0	
	12	1	1.3	4.3	18	2	0.5	3.0	
	15	1	1.2	4.4	18	2	0.5	3.0	
	18	1	1.2	4.2	18	2	0.5	3.0	
	21	1	1.2	4.5	18	2	0.5	3.0	
09	00	1	1.1	4.5	18	00	2	0.5	2.9
	03	1	1.3	4.6	03	1	0.9	3.0	
	06	1	1.3	4.6	06	1	0.9	2.9	

SEPTEMBER, 1969

- 40 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
	12	1	0.9	3.0		06	...	No record	
	18	1	0.8	3.0		12	2	0.3	4.9
19	00	1	0.7	3.0		18	2	0.3	5.4
	03	1	0.8	3.0	29	00	2	0.3	5.7
	06	1	0.9	3.0		03	2	0.3	5.1
	12	1	1.0	3.0		06	...	No record	
	18	1	1.1	3.0		12	2	0.2	3.3
20	00	1	1.1	3.0		18	2	0.2	3.0
	03	...	No record		30	00	2	0.2	3.1
	06	...	No record			03	2	0.2	3.1
	12	1	1.0	3.0		06	2	0.3	3.0
	18	1	0.8	3.0		12	2	0.3	3.1
21	00	1	0.7	3.0		18	2	0.3	3.1
	03	2	0.6	3.0					
	06	2	0.5	2.8					
	12	2	0.4	2.9					
	18	2	0.4	2.7					
22	00	2	0.3	3.2					
	03	2	0.3	3.0					
	06	2	0.3	3.1					
	12	2	0.3	3.3					
	18	2	0.3	3.6					
23	00	2	0.3	4.0					
	03	2	0.3	3.8					
	06	2	0.3	4.2					
	12	2	0.3	4.4					
	18	2	0.4	4.5					
24	00	2	0.3	4.6					
	03	2	0.3	4.6					
	06	...	No record						
	12	2	0.4	4.6					
	18	2	0.3	4.7					
25	00	2	0.3	5.5					
	03	2	0.4	5.2					
	06	...	No record						
	12	2	0.3	5.1					
		2	0.4	6.9					
	18	2	0.4	6.9					
26	00	2	0.4	6.4					
	03	2	0.5	6.2					
		3	0.1	1.7					
	06	...	No record						
	12	2	0.5	6.4					
	18	2	0.5	6.2					
27	00	2	0.4	6.1					
	03	2	0.3	5.7					
	06	...	No record						
	12	2	0.4	5.2					
	18	2	0.3	5.1					
28	00	2	0.3	4.9					
	03	2	0.3	4.7					
		...							

STATION : PORT BLAIR

01	00	3	2.0	7.0
	06	3	1.2	3.0
	12	3	1.2	3.0
	18	3	1.2	3.0
02	00	3	1.6	3.0
	06	3	1.4	3.0
	12	3	1.4	3.0
	18	3	1.4	3.0
03	00	3	1.6	3.0
	06	3	1.6	3.0
	12	3	1.2	3.0
	18	3	1.5	4.0
04	00	3	1.4	4.0
	06	3	1.6	5.0
	12	3	1.3	4.0
	18	3	1.4	3.0
05	00	3	1.6	3.0
	06	3	2.0	5.0
	12	3	2.4	4.0
	18	3	2.4	5.0
06	00	3	3.1	6.0
	06	3	1.6	5.0
	12	3	3.2	5.0
	18	3	3.6	5.0
07	00	3	2.8	5.0
	06	3	2.8	5.0
	12	3	2.7	4.0
	18	3	2.6	5.0
08	00	3	2.3	4.0
	06	3	2.6	5.0
	12	3	2.8	5.0
	18	3	2.0	5.0
09	00	3	1.8	5.0
	06	...	-	-
	12	3	1.2	3.0
	18	3	1.2	3.0

SEPTEMBER, 1969

- 41 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
10	00	3	1.6	3.0	23	00	3	1.2	4.0
	06	3	1.6	3.0		06	3	1.2	2.0
	12	3	1.4	3.0		12	3	1.2	2.0
	18	3	1.2	3.0		18	3	1.2	2.0
11	00	3	1.6	3.0	24	00	3	1.2	2.0
	06	3	1.4	3.0		06	3	1.2	2.0
	12	3	1.2	3.0		12	3	1.2	2.0
	18	3	1.2	2.0		18	3	1.2	3.0
12	00	3	1.2	2.0	25	00	3	1.2	5.0
	06	3	1.2	2.0		06	3	1.2	7.0
	12	...	-	-		12	...	-	-
	18	3	1.4	3.0		18	3	1.6	7.0
13	00	3	1.6	3.0	26	00	3	1.8	7.0
	06	3	1.4	3.0		06	3	1.6	7.0
	12	3	1.4	3.0		12	...	-	-
	18	3	1.2	2.0		18	3	1.8	5.0
14	00	3	1.4	3.0	27	00	3	1.6	7.0
	06	3	1.2	3.0		06	...	-	-
	12	3	1.4	3.0		12	...	-	-
	18	3	1.4	3.0		18	3	1.2	2.0
15	00	3	1.4	3.0	28	00	3	1.4	6.0
	06	3	1.2	3.0		06	3	1.2	2.0
	12	...	-	-		12	3	1.2	3.0
	18	3	1.6	3.0		18	3	1.2	2.0
16	00	3	1.6	3.0	29	00	3	1.2	2.0
	06	3	1.2	3.0		06	3	1.2	2.0
	12	...	-	-		12	3	1.2	2.0
	18	3	1.4	2.0		18	3	1.2	2.0
17	00	3	1.2	3.0	30	00	3	1.2	2.0
	06	3	1.6	3.0		06	3	1.2	2.0
	12	3	1.6	3.0		12	3	1.2	2.0
	18	3	1.8	3.0		18	3	1.2	2.0
18	00	3	1.6	3.0					
	06	3	1.2	3.0					
	12	3	1.2	3.0					
	18	3	1.2	2.0					
19	00	3	1.2	2.0					
	06	3	1.2	2.0					
	12	3	1.2	3.0					
	18	3	1.2	3.0					
20	00	3	1.2	3.0					
	06	3	1.2	3.0					
	12	3	1.2	2.0					
	18	3	1.2	3.0					
21	00	3	1.6	3.0					
	06	3	1.2	2.0					
	12	3	1.2	2.0					
	18	3	1.2	2.0					
22	00	3	1.2	2.0					
	06	3	1.2	2.0					
	12	3	1.2	2.0					
	18	3	1.4	4.0					

STATION : SHILLONG				
01	00	...	-	-
	06	3	0.5	3.0
	12	3	0.5	3.0
	18	3	0.5	3.0
02	00	3	0.5	3.2
	06	2	0.7	4.0
	12	3	0.5	3.0
	18	3	0.5	3.0
03	00	...	-	-
	06	2	0.4	3.0
	12	3	0.4	3.0
	18	3	0.4	4.2
04	00	2	0.4	3.0
	06	2	0.4	3.0
	12	3	0.8	4.2
	18	3	0.4	3.0

SEPTEMBER, 1969

- 42 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
05	00	3	0.4	3.0	17	00	3	0.5	3.5
	06	3	0.4	4.0		06	3	0.5	3.5
	12	3	0.7	4.0		12	3	0.5	4.0
	18	2	0.4	3.0		18	3	0.5	4.0
06	00	2	0.4	3.2	18	00	3	1.2	4.0
	06	3	0.5	4.0		06	3	0.4	4.2
	12	3	0.5	4.0		12	3	0.4	4.2
	18	3	0.5	4.2		18	3	0.4	4.2
07	00	3	0.5	4.0	19	00	3	0.5	4.0
	06	3	0.5	4.2		06	3	0.4	4.0
	12	3	0.5	4.5		12	3	0.5	4.0
	18	3	0.6	4.0		18	3	0.5	4.2
08	00	3	0.5	4.2	20	00	3	0.6	4.0
	06	3	0.5	4.0		06	3	1.3	6.0
	12	3	0.5	4.0		12	3	0.6	5.0
	18	3	0.5	4.5		18	3	0.5	4.0
09	00	3	0.5	4.0	21	00	3	0.5	4.0
	06	3	0.4	3.2		06	3	0.52	4.0
	12	3	0.4	3.2		12	2	0.52	4.0
	18	3	0.4	3.2		18	3	0.5	5.0
10	00	3	0.5	4.0	22	00	3	0.45	3.0
	06	3	0.45	3.0		06	3	0.45	3.0
	12	3	0.4	3.0		12	3	0.4	4.0
	18	3	0.4	3.0		18	3	0.4	4.0
11	00	3	0.4	4.2	23	00	3	0.4	4.5
	06	3	0.4	4.0		06	3	0.5	4.5
	12	3	0.45	3.2		12	2	0.6	5.0
	18	3	0.45	4.2		18	3	0.6	5.0
12	00	3	0.45	4.2	24	00	3	0.5	4.0
	06	3	0.4	4.0		06	3	0.5	4.0
	12	2	0.35	4.0		12	3	0.5	4.5
	18	2	0.3	3.2		18	2	0.5	4.2
13	00	2	0.3	3.0	25	00	...	-	-
	06	3	0.45	4.0		06	3	0.5	4.0
	12	3	0.45	4.0		12	...	-	-
	18	3	0.5	4.0		18	...	-	-
14	00	2	0.5	3.5	26	00	...	-	-
	06	3	0.4	3.5		06	3	0.6	6.0
	12	3	0.4	3.5		12	3	0.6	5.0
	18	3	0.4	3.5		18	2	0.5	5.0
15	00	3	0.4	3.5	27	00	3	0.65	5.5
	06	3	1.2	4.0		06	3	0.7	6.0
	12	3	0.5	4.2		12	3	0.7	6.0
	18	3	0.5	4.2		18	3	0.7	6.5
16	00	2	0.4	4.0	28	00	3	0.8	4.0
	06	3	0.4	4.0		06	3	0.5	4.0
	12	3	0.5	4.0		12	3	0.5	4.0
	18	3	0.5	4.0		18	3	0.5	4.0

SEPTEMBER, 1969

DATE	HOURS	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
29	00	...	-	-	11	00	1	2.5	4.8
	06	3	0.5	4.5		06	1	2.5	4.7
	12	3	0.6	4.5		12	2	1.9	4.7
	18	3	1.2	5.0		18	2	1.3	4.9
30	00	3	0.5	4.0	12	00	2	2.0	5.0
	06	3	0.4	3.0		06	2	1.6	4.9
	12	3	0.5	3.0		12	2	1.2	4.7
	18	3	0.5	4.0		18	2	1.3	4.8
STATION : TRIVANDRUM					13	00	2	1.4	5.0
01	00	2	0.6	3.8		06	2	1.6	4.9
	06	2	0.6	4.1		12	2	1.4	4.8
	12	2	0.7	3.9		18	2	1.1	4.9
	18	2	0.7	3.8	14	00	2	1.2	4.9
02	00	2	0.7	3.9		06	2	1.1	4.8
	06	2	0.6	3.6		12	2	1.0	5.1
	12	2	0.6	3.2		18	2	0.9	4.6
	18	2	0.6	3.4	15	00	2	0.8	4.6
03	00	2	0.5	4.0		06	2	0.7	5.2
	06	2	0.7	3.9		12	2	0.8	5.0
	12	2	0.7	3.7		18	2	0.9	4.8
	18	2	0.5	3.9	16	00	2	0.8	4.7
04	00	2	0.5	3.8		06	2	0.7	4.8
	06	2	0.7	4.1		12	2	0.7	4.5
	12	2	0.7	3.9		18	2	0.5	4.7
	18	2	0.7	3.9	17	00	2	0.6	4.4
05	00	2	0.8	4.0		06	2	0.6	4.5
	06	2	0.8	4.5		12	2	0.6	3.9
	12	...	Surface waves			18	2	0.6	4.2
	18	2	1.0	4.6	18	00	2	0.5	3.9
06	00	2	0.8	4.6		06	2	0.6	4.0
	06	2	1.3	4.2		12	2	0.6	3.7
	12	2	1.2	4.4		18	2	0.5	3.7
	18	2	1.0	4.4	19	00	2	0.6	3.9
07	00	2	1.3	4.7		06	2	0.5	3.5
	06	...	Power failure			12	2	0.5	3.6
	12	2	1.1	4.4		18	2	0.5	3.6
	18	2	1.1	4.4	20	00	2	0.5	3.5
08	00	2	1.2	4.4		06	...	Surface waves	
	06	2	1.2	4.4		12	2	0.5	3.8
	12	2	1.4	4.6		18	2	0.4	3.5
	18	2	1.5	4.8	21	00	2	0.4	3.4
09	00	2	1.9	4.9		06	2	0.3	3.4
	06	...	Earthquake			12	2	0.3	3.8
	12	1	2.4	4.8		18	2	0.3	3.2
	18	1	2.6	4.9	22	00	2	0.3	3.4
10	00	1	2.7	4.8		06	2	0.3	3.4
	06	1	3.0	4.8		12	2	0.3	3.8
	12	1	2.9	4.7		18	2	0.3	4.9
	18	1	2.7	4.7	23	00	2	0.3	3.8
						06	2	0.3	3.7
						12	2	0.3	4.1

SEPTEMBER, 1969

- 44 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
contd.	18	2	0.4	4.2					
24	00	2	0.5	4.6	06	00	1	0.8	3.8
	06	2	0.4	4.3		06	...	-	-
	12	2	0.4	4.6		12	...	-	-
	18	2	0.4	4.5		18	...	Shock in progress	
25	00	2	0.5	4.5	07	00	...	Shock in progress	
	06	2	0.4	4.3		06	1	1.4	4.2
	12	...	Power Failure			12	1	1.4	4.5
	18	2	0.4	4.4		18	1	1.4	4.3
26	00	2	0.4	4.3	08	00	1	1.0	4.2
	06	2	0.4	4.4		06	1	1.2	3.8
	12	2	0.4	4.5		12	1	0.8	3.7
	18	2	0.3	4.1		18	1	0.8	4.4
27	00	2	0.3	4.0	09	00	1	0.7	4.2
	06	2	0.2	3.8		06	...	-	-
	12	2	0.2	3.7		12	1	0.6	4.0
	18	2	0.2	4.0		18	1	0.6	4.1
28	00	2	0.2	3.6	10	00	1	0.5	4.1
	06	...	Power Failure			06	1	0.5	3.6
	12	...	Power Failure			12	1	0.5	4.1
	18	2	0.2	3.6		18	1	0.4	3.7
29	00	2	0.2	3.6	11	00	1	0.3	3.9
	06	2	0.2	3.6		06	1	0.4	3.7
	12	2	0.2	3.7		12	1	0.4	4.2
	18	2	0.2	3.7		18	1	0.3	4.1
30	00	2	0.2	3.4	12	00	1	0.1	2.6
	06	2	0.2	3.2		06	1	0.2	2.9
	12	2	0.2	3.5		12	1	0.1	2.6
	18	2	0.2	2.9		18	1	0.1	2.6
STATION : VISAKHAPATNAM					13	00	1	0.1	2.5
01	00	1	0.3	3.2		06	1	0.3	3.0
	06	1	0.3	3.4		12	1	0.2	2.8
	12	1	0.3	3.4		18	1	0.3	4.3
	18	1	0.2	3.3	14	00	1	0.3	4.5
02	00	1	0.1	2.9		06	1	0.3	3.0
	06	1	0.2	3.2		12	1	0.2	3.0
	12	1	0.2	3.4		18	1	0.2	3.0
	18	1	0.3	3.1	15	00	1	0.2	3.6
03	00	1	0.2	3.1		06	1	0.3	3.4
	06	1	0.3	3.4		12	1	0.1	3.0
	12	1	0.3	3.4		18	1	0.3	3.0
	18	1	0.3	3.4	16	00	1	0.2	2.9
04	00	1	0.3	3.6		06	1	0.3	3.2
	06	1	0.3	3.7		12	1	0.1	2.6
	12	1	0.3	3.5		18	1	0.4	3.2
	18	1	0.3	3.8	17	00	1	0.3	2.7
05	00	1	0.4	3.5		06	1	0.4	2.8
	06	1	0.4	3.8		12	1	0.4	2.9
	12	1	0.4	3.6		18	1	0.7	3.2
	18	1	0.7	4.2					

SEPTEMBER, 1969

- 45 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
18	00	1	0.5	3.1		12	1	0.1	2.4
	06	1	0.5	3.0		18	1	0.1	2.3
	12	1	0.5	3.1	25	00	1	0.1	2.3
	18	1	0.5	3.2		06	1	0.2	2.5
19	00	1	0.5	3.3		12	1	0.1	1.4
	06	1	0.6	3.3		18	1	0.2	2.9
	12	1	0.7	3.2	26	00	1	0.1	2.2
	18	1	0.6	3.2		06	1	0.4	3.2
20	00	1	0.6	3.4		12	1	0.5	4.2
	06	1	0.4	3.1		18	1	0.4	3.5
	12	1	0.5	3.2	27	00	1	0.5	4.0
	18	1	0.4	2.8		06	1	0.1	2.4
21	00	1	0.5	3.1		12	1	0.2	5.3
	06	1	0.2	2.4		18	1	0.2	5.3
	12	1	0.1	2.3	28	00	1	0.1	2.1
	18	1	0.1	2.1		06	1	0.2	5.0
22	00	1	0.1	2.2		12	1	0.2	5.4
	06	1	0.1	2.3		18	1	0.3	6.0
	12	1	0.1	2.3	29	00	1	0.2	5.6
	18	1	0.1	2.3		06	1	0.2	5.5
23	00	1	0.1	2.2		12	1	0.2	5.7
	06	1	0.1	2.2		18	1	0.2	4.9
	12	1	0.1	2.5	30	00	1	0.1	5.1
	18	1	0.1	2.4		06	1	0.5	3.5
24	00	1	0.1	2.4		12	1	0.5	3.5
	06	1	0.1	2.6		18	1	0.5	4.0

EARTHQUAKE REPORT
(NON-INSTRUMENTAL REPORT)

Report of the Felt earthquake report from Voluntary observers for the month of September, 1969.

Station	Date in G.M.T.	Time in G.M.T.	No. of Shocks	Duration in sec.	Intensity R.F. Scale	MA BK S.
C.S.O. Shillong	05 09 69	18 - 27	One	10	III	
- do -	30 09 69	23 - 13	One	30	III	

/verma



GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

SEISMOLOGICAL BULLETIN

OCT 1969

NOV 1969

DEC 1969

PUBLISHED UNDER THE DIRECTION OF

Dr. P. KOTESWARAM

DIRECTOR GENERAL OF OBSERVATORIES

OCTOBER, 1969

- 1 -

LIST OF SEISMOGRAPH STATIONS WITH THEIR INSTRUMENTS AND CONSTANT

Station andaabre- viation.	Lat. °N	Long. °E	Height a.s.l. metres	Lithographic foundation	Instrument	Com- pon- nent	Period		V. max.	Damping		Paper speed mm/mi.
							T ₀	T _g		h ₁	h ₂	
Bhakra BHK	31.25	76.25			Electromag- netic (H)	Z	1	1	5600	1	1	20
Bokaro BOK	23.47	85.53		Rock	Press-Ewing	N	15	100	-	-	1	15
						N	15	100	-	-	1	15
						E	15	94	-	-	1	15
					Sprengnether Wood Anderson	E	7.3	7.3	5000	1	1	30
						N	0.8	940	940	1	1	30
						E	0.8	950	950	1	1	30
Bombay BOM	18.54	72.49		Deccan Trap	Milne Shaw	N	12	250	250	0.7	0.7	8
						E	12	250	250	0.7	0.7	8
					Sprengnether Benioff	E	7.3	7.3	5000	1	1	30
						Z	1.0	0.2	-	1	1	30
							1.0	87.0	-	1	1	60
Calcutta CAL	22.32	88.20	7 6	Alluvium	Milne-Shaw Omori-Ewing	E	12	250	250	0.7	0.7	8
						E	19	30	30	-	-	25.
						N	15	32	32	-	-	25.
					Sprengnether Benioff Wood-Anderson	N	7.0	7.0	1000	1	1	30
						Z	0.72	0.45	-	1	1	60
						N	0.8	1000	1000	1	1	30
						E	0.8	1000	1000	1	1	30
						N	12	250	250	1	1	16
						E	12	250	250	1	1	16
							12	50	50	0.6	0.6	600
					Wenner Accelerograph	ZNE	0.1	7.6	5000	1	1	30
					Sprengnether Wood-Anderson	E	0.8	1000	1000	1	1	30
						E	0.8	1000	1000	1	1	30
						N	0.8	250	250	0.7	0.7	8
						N	12	50K	50K	1	1	60
						N	12	50K	50K	1	1	60
						Z	1.0	0.79	5000	1	1	30
						N	1.0	0.75	1000	1	1	30
						N	1.0	0.73	1000	1	1	30
						E	1.0	100	1500	1	1	30
						Z	15	100	1500	1	1	30
						N	15	100	1500	1	1	30
						E	15	100	1500	1	1	30
Delhi NDI	28.41	77.12	207	Massive Quartzite	Milne-Shaw Benioff(SP)			0.79	50K	1	1	30
								0.75	50K	1	1	30
								0.73	50K	1	1	30
								100	1500	1	1	30
								100	1500	1	1	30
								100	1500	1	1	30

OCTOBER, 1969

DATE	STN	PHASE	H.	M.	S.	△ Deg.
	MDR	ePKP	17	30	56	159.3
		PKP2		31	35	
		PP		35	17	
		PPP		38	57	
	PBA	iP	17	31	00	D
	TRD	PKP2	17	31	34	
		PP		35	16	
	KOD	iPKP	17	31	56.0	D
	CAL	iPKP	17	32	18	
01	SHL	iP	18	50	42	
01	NDI	iP	18	52	13.1	CN
01	NDI	iPKP	20	12	00	
01	CHA	iP	20	12	06	C
01	MDR	e	20	18	11	
		e		21	15	
		e		27	11	
		e		37	08	
01	BOM	e	20	21	07	
		e		21	36	
01	NDI	eP	20	25	02	
01	NDI	eP	20	40	03	
01	CHA	eP	20	41	16	C
01	NDI	eP	20	56	39	
01	SHL	ePg	21	11	16	DW 1.3
		eSg		11	34	
01	P00	ePg	22	05	56	1.1
		eSg		06	13.2	
		eSn		06	15.2	
01	EPC; 36.5N, 70.9E HINDU KUSH REGION H= 22h 48m 12.8s (USCGS) Depth= 230 Kms, Mag=MB=4.9(CGS)					
	BHK	eP	22	49	51.6	6.4
		eS		51	06.0	
	P00	eP	22	52	10.5	
	BOK	eP	22	52	15	
	SHL	iP	22	52	39	
	VIS	eP	22	53	06	26.0
	KOD	eP	22	53	38	
	MDR	ePc	22	54	19	21.0
		PP		54	43	
		PPP		54	49	
		eS		58	09	
		LQ		58	21	
		LR		59	20	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
01	BOM	e	22	55	20	
01	CAL	e	22	56	42	
01	TRD	e	23	01	33	
		e		02	03	
		e		02	45	
01	EPC: 11.8S 75.0W PERU (USCGS) H= 22h 56m 24.8s Depth= 5 Kms. Mag= MB= 5.5, MS= 5.1 (CGS)					
	NDI	eP	23	16	12	
	P00	eP	23	16	12.5	
01	NDI	e	23	50	23	
		iP		50	24.5	DNW 8.5
		iS		52	02.5	
02	SHL	eP	04	34	49	
02	CAL	i	04	43	13	
02	NDI	e	05	57	01	
02	P00	eP	09	11	30	
		e		11	54.5	
02	SHL	eP	09	36	18	
02	CHA	iP	09	37	20	C
02	CAL	i	11	02	15	
02	CAL	i	12	30	25	
02	P00	ePg	16	09	26.5	1.2
		eSg		09	42.5	
02	SHL	iP	16	13	11	DSW
	CHA	iP	16	14	10.1	C 5.8
		PP		14	17.1	
		PPP		14	24.0	
		S		15	18.0	
02	P00	ePg	20	44	10	1.2
		eSg			26.5	
		eSn			29	
02	P00	ePg	20	45	16	1.2
		eSg			32	
		eSn			34.2	
02	EPC; 9.8N, 126.8E. MINDANAO PHILLIPINE ISLANDS (USCGS) H= 22h 05m 40.6s Depth= 68 Kms. Mag= MB= 5.3					
	SHL	iP	22	12	40	DNW
	CHA	iP	22	13	22	C
	VIS	eP	22	13	36	
	MDR	eP	22	14	00	
	KOD	iP	22	14	22.6	C

OCTOBER, 1969

- 3 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
	NDI	iP	22	14	30.5		03	CHA	iP	06	22	57	D	
	P00	eP	22	14	46		03	SHL	eP	06	25	40		
02	EPC; 51.4N, 179.2E. RAT ISLANDS, ALLUTIAN ISLANDS E. KAMCHITKA ISLAND MILROW ELEVATION 1177.1 M (AEC) Fellow a dak. H= 22h 06m 00.0s Depth= 1Km. Mag= MB= 6.5, MS= 5.0							03	NDI	eP	07	44	09	
	SHL	iP	22	17	01	CSW	03	CHA	iP	13	50	03	C	
	CHA	iP	22	17	17.7		03	NDI	i	13	50	59		
		iP		17	18.0		03	KOD	iP	14	45	28.5	DE	
		i		26	34.8			eP		45	29			
	BNS	iP	22	17	21.4		03	EPC: 3.7S, 101.9E. S. SUMATRA H= 15h 39m 43.5s (USCGS) Depth= 95Kms, Mag= MB= 5.6						
	CAL	e	22	17	34			PBA	iP	15	43	47	C	
	BHK	eP	22	17	34.0			MDR	eP	15	45	36	27.8	
	BOK	eP	22	17	35	CSW		eS		49	55			
		i		19	37			VIS	eP	15	45	46		
	NDI	iP	22	17	41.4	CSW		SHL	iP	15	45	50	DSW	
		i		18	26			BOK	Q	15	46	00	32	
	PBA	iP	22	17	59	CN		i(S)?		51	04			
	SEH	iP	22	18	05	C 19		CHA	iP	15	46	16	D 34	
		PP		21	06			S		51	35			
	VIS	iP	22	18	08	DE 80		P00	eP	15	46	30		
	P00	iP	22	18	35.0	C		NDI	iP	15	47	09.5	C 39.1	
	BOM	iP	22	18	35	CSW 88.7		iS		53	10			
		PP		22	17			BOM	PP	15	48	02		
		S		29	05			e		52	51			
	MDR	iP	22	18	38	CE	03	SHL	iP	17	08	41	D	
	GOA	iP	22	18	46.4	D	03	BOM	e	18	04	-		
		PP		22	29.0		03	PBA	iPg	22	48	31	D 0.4	
	KOD	iP	22	18	57.0	CW		iSg		48	37			
02	NDI	eP	22	44	53			iSn		48	35			
02	SHL	eP	22	44	58			iSg		48	36			
02	CHA	eP	22	45	07			PPP		48	48			
03	NDI	e	01	50	12			SS		48	56			
03	EPC: 51.9 N, 157.8E NEAR COAST OF KAMCHATKA (USCGS) H= 01h 51m 55.4s Depth= 91 Kms, Mag= MB, 5.3(CGS)								SSS		49	05		
	NDI	iP	02	02	08.8		04	SHL	eP	02	59	43		
	P00	iP	02	03	11			NDI	ePn	03	53	18.5	3.0	
	MDR	iP	02	03	13	D		eSn		53	55.2			
	KOD	iP	02	03	35.5	DSW		eSg		54	07.8			
03	P00	eP	02	09	04		04	EPC: 48.0N, 156.9E. KURILE ISLANDS H= 03h 57m 16.8s Mag= MB=4.8(CGS)						
03	CHA	eP	03	53	24			SHL	iP	04	06	47	CSE	
								NDI	eP	04	07	40		
								P00	eP	04	08	35		
							04	BHK	eP	06	36	41.3	1.4	
								eS		37	01			

OCTOBER, 1969

- 4 -

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.	
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04	NDI	ePn	06	37	26.3	3.1	04	BOM	iPn	16	14	07	C 1.7	
		iSn		38	05.6	M= 3.2			Pg			09		
		iSg		38	17.3					ePn			29	
04	P00	eP	06	41	-		04	KOD	eP	16	17	05.2		
04	NDI	i	08	10	36.0		04	P00	ePg	18	02	58.5	1.1	
04	BOK	e	08	36	36				eSg		03	13.5		
04	BOK	e	08	46	33				eSn		03	16		
04	BOK	e	08	48	39		04	BOM	ePn	18	03	09	1.7	
04	BOK	e	09	02	53				eSn		03	32		
04	BOK	e	09	35	30		04	SHL	iP	18	15	23	DNE	
04	NDI	eP	10	16	21.5	DN	05	SHL	iP	00	57	11	CN	
04	EPC: 5.9S, 103.9E. SOUTHERN SUMATRA H= 14h 14m 41.8s Depth= 172 Kms, (USCGS) Mag= 5.0 (CGS)							05	CHA	iP	00	57	39	C
	KOD	iP	14	20	46.0	DE	05	P00	eP	00	57	54		
		iP		20	45.5		05	NDI	iP	00	58	32.1	CNW 39.9	
	SHL	iP	14	21	05	CSE			eS	01	04	37.5		
	BOK	e	14	21	15		05	DDI	eP	05	55	13.4	7.0	
	CHA	iP	14	21	31	C			eS?		56	43		
	P00	eP	14	21	47.5		05	NDI	eP	05	55	23	14.0	
	NDI	eP	14	22	24.6	C 42.4			eS		58	00		
		i		22	39.5		05	P00	eP	09	53	51		
		iS		28	47.0		05	P00	ePg	10	45	31.5	1.1	
	DDI	eP	14	22	31.0				eSg		45	47		
04	EPC: 5.7 S, 104.1 E. SOUTHERN SUMATRA . H= 14h 18m 19.3s (USCGS) Depth= 88 Kms, Mag= 5.1 (CGS)								eSn		45	49		
	SHL	iP	14	24	49	CSE	05	NDI	i	11	11	19		
	CHA	iP	14	25	16	C	05	BOK	e	12	56	07		
	NDI	iP	14	26	09.0	CSW	05	NDI	eP	15	42	18		
		i		26	23		05	DDI	eP	15	42	19.2		
		iS		32	31		05	EPC: 7.1N, 123.7E. MANDANAO PHILLIPINE ISLANDS H= 16h 34m 15.8s Depth= 33Kms, Mag=MB=5.4 (CGS)						
04	EPC: 35.0N, 70.5E HINDU KUSH REGION H= 15h 55m 49.2s Depth= 195 Kms, Mag=MB= 4.7 (CGS)							PBA	eP	16	40	32		
	DDI	eP	15	57	38.7		SHL	eP	16	41	12	CN		
	NDI	eP	15	57	49.8	8.5	CHA	eP	16	41	49	C		
		iS		59	27.0		BOK	iP	16	41	50	CW		
	CHA	iP	15	59	30	C	VIS	iP	16	41	53	DE		
	P00	eP	15	59	45		MDR	eP	16	42	17	43.0		
	SHL	iP	16	00	08	DE			PP		43	58		
04	SHL	eP	16	07	29				eS		48	43		
04	P00	ePg	16	13	56.5	1.1	KOD	eP	16	42	37.5	C		
		eSg		14	12			iP		42	38.0			
							DDI	eP	16	42	56.6			
							2	NDI	iP	16	42	58.5	C	
								P00	iP	16	43	08.0	C	
								BOM	eP	16	43	16	51.7	

OCTOBER, 1969

- 5 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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Cont.	PP		45 14						
	eS		50 37			NDI	eP	12 55 49	41.5
05	SHL	eP	18 57 49				e	57 44	
05	P00	eP	18 58 38				eS	13 02 06	
05	SHL	iP	20 59 21	C		KOD	iP	12 55 52.3	CW
05	P00	eP	22 09 43			P00	eP	12 56 11	
05	EPC: 32.5N, 141.2E. SOUTH OF HONSHU JAPAN. H= 23h 05m 26.7s Depth= 43 Kms, Mag= MB= 4.7 (CGS)							e	57 54
	DDI	eP	23 14 43.7			BOM	iP	12 56 17	CW 45
	NDI	iP	23 14 52.3	C	06	CHA	iP	17 28 53	D
	P00	eP	23 15 41		06	SHL	iP	17 59 37	CNE
05	PBA	ePg	23 30 29	0.2	06	NDI	e	18 00 56	
		iSg	30 32		06	NDI	e	18 24 27	
05	SHL	eP	23 45 17	C	06	NDI	eP	19 05 19	
06	NDI	ePKP	00 57 44		06	SHL	iP	20 29 27	
06	NDI	i	01 01 22		06	NDI	iP	20 30 31.2	D
06	P00	ePg	01 32 19	1.1	06	EPC: 7.2N, 123.7E MINDANAO PHILLIPINE ISLANDS H= 21h 46m 32.7s (USCGS) Mag- MB= 5.2 (CGS)			
		eSn	34 34.2			PBA	eP	21 52 48	
		eSn	36			SHL	iP	21 53 27	DSW
06	EPC: 11.8S, 75.0N. PERU (USCGS) H= 06h 36m 45.2s Depth= 4 Kms. Mag= MB= 5.3 (CGS)						VIS	eP	21 54 00
	NDI	ePKP	06 56 32			BOK	e	21 54 06	
		eP	56 37				i	22 00 25	
	DDI	ePKP	06 56 32.5			CHA	iP	21 54 07	D
	P00	ePKP	06 56 33			MDR	eP	21 54 34	43.7
06	SHL	iP	11 44 10	DE			i	54 42	
06	P00	eP	12 46 10.5				PcP	56 26	
06	EPC: 15.0N, 120.1E. PHILLIPINE ISLANDS H= 12h 48m 05.0s (USCGS) Depth= 59KM. Mag= MB= 5.6 (CGS)						eS	22 01 05	
	PBA	iP	12 53 53	C		PS	01 14		
	SHL	iP	12 53 55	CW	28.0	PPS	01 19		
		iS	58 38			ScS	04 34		
	CHA	iP	12 54 35	D		LQ	04 48		
	VIS	eP	12 54 48			SSS	05 01		
	BOK	e	12 54 53			LR	06 50		
		i(S)	59 58			KOD	eP	21 54 55	
	MDR	eP	12 55 26	38.4			eP	54 55.5	
	PP		56 59			NDI	iP	21 55 15.2	C
	eS		13 01 22				i	55 24	
	SS		04 02			P00	eP	21 55 24	
	LQ		04 12			BOM	eP	21 55 30	51.8
	M		09 14				eS	22 02 52	
	DDI	eP	12 55 47.8		06	DDI	iP	22 55 14.9	C
					06	SHL	iP	22 59 47	C
					07	P00	ePg	01 39 50.5	1.2
							eSg	40 05.7	
							eSn	40 08	
					07	KOD	eP	01 43 27.5	

OCTOBER, 1969

- 6 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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07	EPC: 6.1S, 104.2E					SHL	iP	02 27 29	CNW
	SUNDASRAIT (USCGS)					KOD	iP	02 27 41	CE
	-H = 03h 47m 51.8s					P00	eP	02 28 33	
	Depth = 15 Kms.					NDI	iP	02 28 54.5	DNE
	Mag. = 5.2 (CGS)						e	32 51	
	SHL	iP	03 54 34	CN					
	P00	eP	03 55 17		08	P00	eP	02 52 41.5	
		e	57 43		08	P00	eP	03 02 48.5	
	NDI	iP	03 55 54.6	CNW 42.5			e	03 32.5	
		eS	04 02 18		08	NDI	eP	03 02 55	
07	NDI	eP	05 16 59				e	03 27	
07	P00	eP	05 17 23				e	06 25	
07	SHL	iP	05 18 38	DNW	08	NDI	ePn	04 09 29.0	3.1
07	P00	eP	05 32 18				iPg	09 40.0	
07	SHL	eP	08 06 26				iSn	10 07.0	
07	BOK	e	08 25 58				iSg	10 23.9	
07	BOK	e	08 42 41		08	P00	eP	04 13 -	
07	CHA	eP	14 46 45		08	NDI	eP	04 17 16	
07	CHA	iP	15 08 00	C	08	EPC: 12.ON, 143.7E			
07	P00	eP	16 09 22			SOUTH OF MORMA ISLANDS			
07	CHA	iP	16 14 00	C		-H = 06h 32m 08.9s			
07	SHL	iP	16 34 42	DSW		Depth = 9 Kms			
07	CHA	iPg	18 57 22.9	D		Mag. = 5.2 (CGS)			
		Sg	57 30.6			SHL	iP	06 41 11	ENW
07	SHL	eP	18 58 26	DNW		NDI	eP	06 42 43	C
07	CAL	iP	22 14 57	E		P00	eP	06 43 07	
07	EPC: 51.2N, 179.6W				08	SHL	eP	08 37 18	
	-H = 22h 17m 39.1s				08	BOK	e	08 48 40	
	ANDREON OF ISLAND ALLEUTIAN				08	BOK	e	09 19 57	
	Depth = 45 Kms, Mb = 4.8				08	NDI	e	10 54 14	
07	SHL	iP	22 23 45	DNW	08	CH A	iP	14 25 17	D
07	CHA	iP	22 23 59	C		NDI	eP	14 26 15.5	D
07	P00	eP	22 25 14.5		08	CHA	iP	14 35 59	C
07	CAL	iP	22 32 10	W	08	NDI	eP	18 38 44	10.3
07	P00	eP	23 27 11				eS	40 41	
07	SHL	eP	23 55 05		08	SHL	iP	18 40 51	DN
08	NDI	iPg	01 00 50.2	CSE 0.63	08	P00	e P	20 24 57	
		eSg	00 58.4		08	NDI	e	20 25 25	
08	EPC: 10.1S, 117.5S				08	SHL	iP	21 47 31	CNE
	-H = 02h 19m 27.6s				08	CHA	iP	21 47 57	C
	SOUTH OF SUMBAWA ISLAND				08	P00	eP	21 48 12	
	Mag. 5.1 MB				08	NDI	iP	21 48 50.7	C

OCTOBER, 1969

- 7 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
08	EPC: 55.8S, 147.4E WEST OF MACQUARIE ISLANDS -H = 21h 57m 51.9s Mag. 5.2 MB (CGS)					
	PBA	e	22	10	06	
	KOD	eP	22	10	39.8	
	SHL	iP	22	11	05	DNW
	P00	eP	22	11	18	
	CHA	iP	22	11	25.0	C
08	SHL	eP	22	44	53	
08	CHA	iP	22	44	55.5	C 3.5
	S			45	37.8	
08	SHL	iP	22	56	01	EN
08	CHA	iP	22	56	33	D
09	SHL	eP	03	03	03	
09	SHL	eP	04	16	05	
09	BOK	e	07	27	18	
09	BOK	e	07	56	09	
09	BOK	e	07	56	50	
09	EPC: 52.3N, 169.5W, FOX ISLANDS ALLUTIAN ISLANDS -H = 07h 59m 41.3s Depth = 22 Kms, Mag. = 5.1 (MS = 5.3)					
	SHL	iP	08	11	23	CNW
	CHA	iP	08	11	36	C
	BOK	eP	08	11	50	
	NDI	eP	08	11	53.4	C 81.8
	eS			22	06	
	P00	eP	08	12	44	
09	NDI	e	09	25	18	
09	BOK	e	09	44	36	
09	NDI	e	09	46	34	
	e			47	08	
09	TOC	e	10	21	47	
	e			22	07.5	
09	SHL	iP	10	21	57	DE
09	CHA	iP	10	22	45.7	C 5.9
	S			23	55.1	M= 5.5
09	BOK	e	10	24	11	
09	P00	eP	10	26	-	
09	NDI	eP	10	27	01	9.4
	eS			28	48	
09	BOM	ePg	11	42	06	0.2
	eSg			42	09	
09	P00	eP	11	42	50	
09	EPC: 4.6S, 153.5E NEW IRELAND REGION -H = 11h 56m 23.8s Depth = 90 Kms. Mag. = 5.3(CGS)MB					
	SHL	iP	12	07	11	CSW
	NDI	eP	12	08	29	
	e			08	39	
	P00	eP	12	08	32	
09	PBA	iPg	14	05	36	0.6
	iSg			05	44	
	SS			06	03	
09	EPC: 43.5N, 147.5E KURILE ISLANDS -H = 14h 07m 40.7s Depth = 30 Kms, Mag.MB 4.8					
	SHL	iP	14	16	21	CSW
	CHA	iP	14	16	43	D
	DDI	iP	14	17	16.6	C
	NDI	eP	14	17	26	
	i			17	38	
	P00	eP	14	18	23	
	KOD	iP	14	18	44.0	DE
	iP			18	44.3	
09	CHA	iP	16	00	42	C
09	EPC: 9.7N, 126.1E MINDANAO PHILLIPINE ISLANDS -H = 17h 14m 08.0s Depth = 58 Mms, MB = 5.4					
	SHL	eP	17	21	07	
	NDI	eP	17	22	55	
	e			18	06	
	MDR	e	19	38	03	
	SHL	iP	19	38	06	DNE
09	CHA	iP	19	39	11.6	C 4.2
	PP			39	18.8	
	PPP			39	24.8	
	S			40	01.3	
	SS			40	11.0	
	SSS			40	21.6	
09	EPC: 44.0N, 148.6E KURILE ISLANDS -H = 23h 57m 10.7s Depth = Normal, Mag.MB 4.6(CGS)					

OCTOBER, 1969

- 8 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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	SHL	iP	00 05 57	DNE	11	NDI	eP	03 02 39	7.5
	DDI	eP	00 06 51.0				i	02 42	
	NDI	eP	00 07 02				iS	04 05	
	P00	eP	00 08 00		11	SHL	iP	03 05 18	DSW
10	EPC: 44.0N, 149.0E KURILE ISLANDS -H = 00h 13m 42.3s Depth = 43 Kms, MB, Mag. 4.8				11	P00	eP	03 07 -	
	SHL	iP	00 22 29	CSE	11	BOK	e	07 14 58	
	CHA	iP	00 22 51	D	11	BOK	e	09 12 51	
	DDI	iP	00 23 28.2	C	11	DDI	eP	17 26 14.3	
	NDI	iP	00 23 33.0	CSE 58	11	NDI	eP	17 41 04	09.9
	P00	eP	00 24 30				e	42 52	
10	NDI	eP	04 25 42				eS	42 57	
10	P00	eP	04 25 55		11	P00	eP	17 41 40	
10	KOD	eP	04 26 19.5		11	CHA	iP	17 44 09	C
10	BOK	e	09 51 34		11	CHA	eP	17 46 41	
10	EPC: 29.3N, 130.3E RYUKYU ISLANDS -H = 17h 09m 57.5s (USCGS) Mag., MB = 4.9 (Depth = 15 Kms)				11	SHL	iP	20 47 31	DSW 0.8
10	SHL	iP	17 16 43	DSW			iS	47 43	
10	NDI	eP	17 18 22	D	11	NDI	eP	21 20 43	
		i	18 23		11	SHL	iP	21 41 44	CNW
10	NDI	eP	17 55 31		11	CHA	iP	21 42 34	D
10	NDI	eP	20 50 07	D	11	P00	eP	22 30 -	
10	SHL	iP	20 50 31	CSW	11	SHL	iP	23 28 55	DNE
10	TOC	eP	22 40 00.5		12	SHL	eP	00 11 47	
		eS	40 24		12	DDI	eP	03 25 13.1	
10	SHL	iP	22 41 15	DNE	12	SHL	iP	03 38 33	DSW
10	CHA	iP	22 42 11.2	C 7.7	12	EPC: 0.1N, 123.7E NORTHERN CELEBES -H = 03h 31m 12.8s Depth = 166Kms, Mag. = MB 5.4 (CGS)			
		S	43 40.7			KOD	eP	03 39 30	
10	NDI	eP	22 46 02			P00	eP	03 40 08	
10	SHL	iP	22 48 51	DS		NDI	iP	03 40 10.8	C 52.0
10	CHA	iP	22 49 17	C			i	40 12	
10	NDI	e	22 50 07	D	12	SHL	iP	04 47 27	DSW
11	NDI	iSg	00 12 12.8		12	NDI	eP	06 19 45.8	
11	P00	eP	02 13 -		12	CHA	iP	08 16 41.2	C 1.9
11	VIS	iP	02 13 51	CSW			eS	17 05.8	
11	KOD	eP	02 14 30.5	C	12	SHL	iP	08 16 55	D
		i	16 22.0		12	KOD	eP	08 57 58.8	
		e	16 22.3		12	P00	eP	08 58 50	
					12	NDI	e	09 58 46	
					12	SHL	iP	11 32 47	D

OCTOBER, 1969

- 9 -

DATE	STN	PHASE	H.	M.	S.		△ Deg.
12	EPC: 39.7N, 20.4E, GREECE ALBANIA BORDER ON INJURED, DAMAGE IN GREECE -H 13h 34m 15.8s Depth = 14 Kms, Mag. MB 5.1 (CGS)						
	NDI	eP	13	42	50	C	46.7
		eS		49	40		
	P00	eP	13	48	11.5		
	CHA	iP	13	43	55	C	
	KOD	eP	13	44	10.8		
	SHL	iP	13	44	23	CSE	
12	NDI	i	14	00	50.5	CE	
		e		00	57		
12	P00	eP	14	33	39		
12	SHL	iP	15	47	35	DSW	
12	CHA	iP	15	48	32	C	
12	EPC: 5.9S, 112.0E JAVA SEA -H = 16h 05m 37.5s Depth = 595 Kms, Mag. MB 5.3 (CGS)						
	MDR	eP	16	11	58		
	SHL	iP	16	12	01	DS	
	KOD	iP	16	12	08.5	CN	
	CHA	iP	16	12	29	D	
	P00	eP	16	13	01.5		
	NDI	iP	16	13	24.5	DNE	
		i		14	41		
	DDI	iP	16	13	29.2	D	
12	SHL	iP	16	17	03	CE	
12	SHL	iP	17	58	42.0	CSW	
12	CHA	iP	17	57	33	C	
12	SHL	eP	18	59	39		
12	NDI	i	19	10	39		
13	P00	ePg	06	14	05		1.1
		eSg		14	21		
		eSn		14	23		
13	EPC: 39.9N, 26.6E GREECE-ALBANIA BORDER REGION 2 INJURED & DAMAGE IN AREA OF IOAMICA -H = 01h 02m 28.5s						
	Depth = 8 Kms, Mag. ME=5.8, MS 5.0 (CGS)						
	DDI	iP	01	11	01.6	C	
	NDI	eP	01	11	03		46.4
		eS		17	51		
		PS		18	00		
	BOM	iP	01	11	18	CE	
	P00	eP	01	11	24.5		
	BOK	iP	01	12	10	E	57.0
		iS		19	54		
	KOD	iP	01	12	24.0	D	
	MDR	eP	01	12	25		
	SHL	iP	01	12	35	CSE	
13	P00	ePg	01	14	05		1.1
		eSg		14	21		
		eSn		14	23		
13	SHL	eP	01	20	47		
13	NDI	eP	02	29	07		
13	NDI	eP	06	12	56		8.8
		eS		14	37		
13	EPC: 18.2S, 169.3E NEW HEBRIDES ISLANDS FELT AT PORT VILA -H = 06h 56m 01.6s Depth = 246 Kms, Mag. 5.9, 6.5 (PAS), 6.2 (BRK)						
	PBA	iP	07	07	51	C	80.6
		iSkS		17	49		
		SS		23	31		
		SSS		26	42		
	SHL	iP	07	08	22	CNW	86.0
		iS		18	32		
	CAL	eP	07	08	40		
		i		18	41		
	BOK	iP	07	08	45	DW	92.0
	CHA	iP	07	08	46	D	9.2
		e		18	55		
	VIS	eP	07	08	48		93.9
	MDR	eP	07	08	53		95.0
		PCP		08	58		
		e		09	56		
	KOD	iP	07	08	59.8	C	96.0
		PP		09	00.5		
		SKS		09	08.5		

OCTOBER, 1969

- 10 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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	SEH	eP	07 09 21	.		PP		10 22	
	NDI	eP	07 09 21	100.5		PPP		11 09	
	P00	eP	07 09 26	101.		PCS		14 05	
	BOM	eP	07 09 31			eS		15 25	
	TRD	e	07 10 27			CHA	iP	07 09 02	C
13	P00	eP	07 26 07			SHL	iP	07 09 17	CSE
13	DDI	e	07 30 33.3			BOK	iP	07 09 22	CE
13	NDI	i	07 33 57			BOM	iP	07 09 43	CSW
13	P00	eP	07 49 23			i		10 43	
13	CAL	i	10 02 23			P00	iP	07 09 47.5	C
13	SHL	iP	14 10 28	CNW		VIS	iP	07 10 02	D
13	CHA	iP	14 11 24	D	14	GOA	e	07 10 08.8	
13	CHA	eP	14 12 48			MDR	iP	07 10 30	C
13	SHL	eP	14 27 09			eP		10 30	
13	CHA	iP	14 29 15	C		KOD	iP	07 10 47.0	CSE
13	SHL	iP	17 15 48	DNE	14	DDI	e	07 24 52.3	
13	CHA	iP	17 16 46	C	14	BOK	e	07 26 48	
14	CHA	iP	17 18 08	C	14	MDR	ePg	07 29 11	0.2
13	SHL	iP	17 32 02	D		eSg		29 13	
13	NDI	i	17 33 42		14	NDI	e	07 35 50	
13	SHL	iP	18 49 35	DS	14	NDI	i	09 28 20	
13	P00	e	19 23 12		14	MDR	ePg	10 13 01	0.2
13	CHA	iPg	21 26 58.5	D 0.9		eSg		13 04	
	Sg		27 10.7		14	P00	e	10 14 -	
13	SHL	eP	22 58 12		14	KOD	eP	10 14 23.5	
13	CHA	iP	23 02 48	C	14	NDI	iPg	10 51 47.1	0.24
13	SHL	iP	23 14 35	DE		eSg		51 50.2	
14	NDI	eP	02 38 52		14	P00	e	15 39	
14	NDI	e	04 34 19		14	P00	e	18 22 46	
14	SHL	iP	04 34 29	CNE	14	NDI	ePn	18 57 54	6.4
14	NDI	e	05 19 19			eSn		59 09	
14	NDI	e	05 23 25		14	P00	ePg	20 07 08	
	i		23 31		14	EPC: 37.9N, 135.1E SEA OF JAPAN			
	i		23 40			-H = 20h 59m 11.6s			
14	EPC: 73.4N, 54.8E					Depth = 371 Kms, Mag.MB = 4.7			
	NOVAYA ZEMLYA					SHL	iP	20 45 59	DSW
	-H = 07h 00m 06.2s					CHA	iP	20 46 27	C
	Depth = 0, Mag.MB 6.1(CGS)					NDI	e	20 47 19	
	NDI	iP	07 08 36.2	46.6		P00	eP	20 48 16	
	PCP		10 11.2			CHA	iP	22 57 04	D

OCTOBER, 1969

- 11 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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14	EPC: 52.6N, 162.7W SOUTH OF ALASKA (USCGS) -H = 22h 46m 04.8s Depth = 15 Kms Mag. MB = 5.1 (CGS)				15	SHL	eP	16 41 02	
	SHL iP		22 58 08	DNW	15	SHL	eP	17 18 29	
14	CHA iP		22 58 18	C	15	P00	eP	21 16 23	
14	NDI iP		22 58 34.0	D	15	NDI	e	21 17 57	
14	P00 eP		22 59 23		15	DDI	eP	22 25 09.7	
14	NDI iP		23 03 09.1	C 10.5	15	NDI	ePn	22 25 23.0	2.6
	iS		05 09				iPg	25 30.0	
							iSn	25 56.5	
14	EPC: 52.4N, 171.5W FOX ISLAND ALEUTIAN ISLANDS -H = 23h 05m 56.6s (USCGS) Depth = 80 Kms, Mag. - MB = 4.7(CGS)				15	CHA	eP	12 25 53	
	SHL eP		23 17 23			i		27 05	
	CHA eP		23 17 36		15	P00	eP	22 29 -	
	P00 eP		23 18 46		15	SHL	eP	23 55 42	
14	SHL iP		23 57 10	DE	16	BOK	e	08 13 40	
14	NDI eP		23 58 51		16	BOK	e	08 27 31	
14	P00 eP		23 58 56		16	BOK	e	08 30 06	
15	CHA iP		00 00 17	C	16	P00	eP	08 40 27	
15	EPC: 4.2N, 126.3E TALAND ISLANDS (USCGS) -H = 05h 41m 25.5s Depth = 22 Kms, Mag. MB = 5.0(CGS)				16	SHL	eP	08 46 14	
	SHL eP		05 48 58		16	NDI	e	09 37 03	
15	KOD eP		05 50 11.5		16	BOK	e	09 53 01	
	NDI eP		05 50 38		16	EPC: 4.3S, 102.8E SOUTHERN SUMATRA (USCGS) -H = 12h 02m 38.1s Depth = 153 Kms, Mag. = MB 4.8			
	P00 eP		05 50 43			CHA	iP	12 09 13	D
15	BOK e		07 02 37			P00	eP	12 09 30	
15	SHL eP		08 09 25			NDI	iP	12 10 07.0	CNW
15	BOK e		08 29 01			iS		16 14	
15	PBA iPg		11 20 36	C 0.8	16	P00	eP	14 50 35	
	iSg		20 46		16	NDI	eP	14 59 50	
	PPP		20 57		16	CHA	iP	18 58 40	D
	SSS		21 12		16	CHA	iP	21 12 46	C
15	P00 e		11 31 -		16	EPC: 38.7N, 101.4E Kansu Province China (USCGS) -H = 23h 02m 07.3s Mag. MB = 4.7 Depth = Normal			
15	KOD eP		12 14 02.5			SHL	iP	23 05 40	DNE
15	P00 e		13 00 10			CHA	iP	23 06 07	D
15	SHL iP		14 55 17	D		NDI	eP	23 07 04	
					16	NDI	e	23 53 19	

OCTOBER, 1969

- 12 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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17	EPC: 23.1N, 94.7E BURMA-INDIA BORDER REGION -H = 01h 25m 12.4s (USCGS) Depth = 134 Kms, Mag. MB 6.0					GOA	eP	01 29 49.8	21.0
	SHL	iP	01 25 57	C 23.7		PP	30 12.4		
	CHA	iP	01 27 03.7	CNW 7.2		PPP	30 22.4		
		S	28 27.4			eS	33 40.2		
	BOK	iP	01 27 07	CSW 7.4		PCP	33 48.8		
		PP	27 13			SS	34 16.8		
		PPP	27 20			SSS	34 31.0		
		i	27 29			M	36 46.2		
		Pg	27 40			PCS	37 26.8		
		LQ	28 24			SCS	41 05.8		
		iS	28 32						
	BNS	iP	01 27 31.8	9.9		TRD	iP 01 30 03	W 20.8	
		iS	29 24			iS	33 51		
	PBA	iP	01 27 53	DNE 10.8		LQ	34 05		
		PP	27 59			PCS	37 48		
		PPP	28 17		17	P00	ePg 02 35 50	1.10	
		iS	29 56			eSg	36 05.5		
		LQ	29 58			eSn	08		
		SSS	30 13		17	NDI	eP 04 21 08		
	VIS	iP	01 27 57	CSW 10.5	17	CHA	iP 05 59 58	D	
	SEH	iP	01 28 55	D 16.0	17	BOK	e 08 15 17		
		iS	31 45		17	BOK	e 08 28 41		
		SSS	32 02		17	BOK	e 08 28 41		
	DDI	iP	01 28 55.5	D 15.9	17	MDI	eP 08 29 27		
		iS	31 52.4	M=7 $\frac{3}{4}$	17	P00	eP 08 29 27		
	NDI	e	01 28 58	DSE 15.3	17	BOK	e 08 36 46		
		iP	28 59.0		17	BOK	e 09 53 04		
		iS	31 50		17	NDI	e 10 11 16		
		SS	31 06		17	NDI	eP 12 30 03	8.6	
	MDR	iP	01 29 02	DW 16.0		iS	31 42		
		PP	29 15		17	NDI	eP 19 07 08	9.1	
		PPP	29 22			eS	08 52		
		LQ	31 58		17	PBA	iP 20 16 27	DS 3.2	
		iS	32 00			PP	16 30		
		SS	32 19			PPP	16 33		
		SSS	32 30			iSn	17 06		
		LR	32 42			SSS	17 25		
		M	34 03		17	MDR	eP 20 18 58	12.8	
	BHK	iP	01 29 18.4	DNW 17.2		PP	19 09		
		iS	32 29.4			PPP	19 19		
	P00	eP	01 29 38.5	18.9		eS	21 23		
		eS	33 06		17	SHL	iP 20 19 25	DS	
		SS	33 31		17	KOD	eP 20 19 33.0		
	KOD	iP	01 29 46.0	22.1		eP	19 33.5		
	BOM	iP	01 29 46	SWC 19.9	17	BOK	e 20 19 36		
		iS	33 25		17	CHA	iP 20 20 00	D	
					17	NDI	eP 20 21 02		
					17	BOM	e 20 24 49		

OCTOBER, 1969

- 13 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	
17	EPC: 2.4N, 128.6E HELMAHERA						
	-H = 20h 34m 57.4s						
	Depth = 110 Kms						
	Mag. MB = (CGS)						
	SHL iP	20 42 34				D	
	CHA iP	20 43 23				D	
	NDI eP	20 44 24					
17	SHL iP	21 45 24	DS			0.2	
	iS	45 27					
17	NDI i	22 50 35					
17	P00 eP	22 51 36.5					
17	CHA iP	23 02 31				D	
18	EPC: 39.3N, 141.4E HONSHU JAPAN (USCGS)						
	-H = 01h 13m 59.7s						
	Depth = 107 Kms						
	Mag. = MB 5.3 (CGS)						
	SHL iP	01 21 45	CN				
	CHA iP	01 22 20				D	
	BOK i	01 23 04					
	NDI iP	01 23 08.0	D			51.7	
	eS	30 29					
	P00 eP	01 24 06					
	KOD eP	01 24 21.5					
	e	24 22.0					
	BOM eP	01 24 30					
18	NDI iPg	04 03 31.1	DS			0.17	
	iSg	03 33.2					
18	SHL iP	04 26 42	DSW				
18	EPC: 2.3N, 127.7E MOLUCCA PASSAGE (USCGS)						
	-H = 06h 02m 04.4s						
	Depth = 56 Kms (USCGS)						
	SHL iP	06 09 40	DS				
	KOD eP	06 11 02.5					
	NDI eP	06 11 31					
	P00 eP	06 11 33.5					
	NDI eP	06 52 19.1	CSE			8.7	
	iS	53 47					
	eS	53 58					
18	SHL eP	07 38 06					
18	CHA iP	07 39 51				C	
18	BOK e	07 52 31					
18	BOK e	08 52 01					
18	EPC: 52.5N, 173.5E NEAR ISLANDS ALEUTIAN ISLANDS						
	-H = 08h 44m 00.0s (USCGS)						
	Depth = 24 Kms						
	Mag. MB 5.6, MS 5.3 (CGS)						
	SHL iP	08 54 32				CS	
	CHA iP	08 54 54				C	
	BOK iP	08 55 12				CSW	
	NDI iP	08 55 18.6				CSW	
	PBA iP	08 55 42				CN	
	SEH iP	08 55 45				C	
	VIS iP	08 55 51				DW	
	P00 iP	08 56 15.5				C	
	BOM iP	08 56 17				CSW 82.2	
	e	09 00 58					
	eS	06 32					
	KOD iP	08 56 38.5				CNE	
	iP	56 39.0					
18	NDI e	10 17 41					
	e	17 46					
18	NDI i	11 29 08					
	e	53 10					
18	TOC eP	14 52 28					
	e	52 55					
18	SHL eP	14 53 55					
18	CHA iP	14 55 03				C	
18	NDI eP	14 57 05				14.7	
	eS	59 50					
18	P00 eP	15 01 10					
18	SHL iP	19 53 04				DSW 2.4	
	iS	53 34					
18	CHA i	19 54 10				D	
18	P00 ePg	22 10 07.5				1.1	
	eSg	21.5					
	eSn	23.5					
19	NDI eP	07 24 15				8.8	
	eS	26 56					
19	DDI eP	07 26 30.0					
	i	27 15.9					
19	NDI e	07 46 52					
	e	47 07					

OCTOBER, 1969

- 14 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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19	EPC: 51.3N, 178.5W				20	EPC: 5.6S, 153.1E			
	ANDREAN OF ISLANDS					NEW IRELAND REGION (USCGS)			
	ALEUTIAN ISLANDS (USCGS)					-H = 01h 12m 23.4s			
	-H = 09h 05m 13.2s					Depth = 50 Kms (USCGS)			
	Depth = 41 Kms					Mag. = 4.6 MB (CGS)			
	Mag. MB 4.8(CGS)					SHL iP 01 23 05	CNE		
	SHL iP 09 16 16	C				CHA iP 01 23 40	C		
	CHHA iP 09 16 38	D				NDI iP 01 24 32	D		
	P00 eP 09 17 51				20	CHA iP 05 13 07	D		
19	EPC: 7.7N, 126.0E				20	PBA iPn 06 23 11	C	2.2	
	Mindanao Phillipine Islands					iSn 23 40			
	-H = 12h 25m 45.1s				20	SHL iP 06 28 20	DNE		
	Depth = 60 Kms				20	EPC: 2.7N, 122.2E			
	Mag. MB = 5.4(CGS)					Celebes Sea (USCGS)			
	Felt at Davao City					-H = 06h 34m 35.4s			
	SHL iP 12 32 44	DSW	36.6			Depth = 560 Kms			
	iPP 34 16					Mag. MB 4.8(CGS)			
	iS 38 27					CHA iP 06 41 33	D		
	CHA iP 12 33 30	D				P00 eP 06 42 21			
	BOK iP 12 33 32	E				NDI iP 06 42 39			
	i 39 48				20	EPC: 2.6N, 121.9E			
	VIS iP 12 33 41	DW				Celebes Sea (USCGS)			
	MDR eP 12 34 01		45.0			-H = 06h 50m 11.6s			
	eS 49 47					Depth = 511 Kms.			
	KOD eP 12 34 22.0					Mag. = MB 4.8			
	DDI iP 12 34 36.6	D				SHL iP 06 56 30	DNE		
	NDI eP 12 34 37		50.0			CHHA iP 06 57 11	C		
	eS 41 48					KOD eP 06 57 40.5			
	eS 45 40					P00 eP 06 58 17			
	P00 eP 12 34 48					NDI eP 06 58 17			
	BOM eP 12 34 57		52.5		20	NDI eP 09 29 36			
	PP 36 57				20	NDI eP 10 27 19.5		7.9	
	eS 42 23					eS 28 53			
19	CAL i 12 39 16				20	PBA ePn 11 44 25		3.6	
	KOD eP 12 39 47.5					PP 44 30			
	BOM e 12 39 49					PPP 44 39			
19	TRD e 17 46 33					iSn 45 09			
	e 47 08					SS 45 21			
19	NDI eP 18 07 40		6.6		20	NDI eP 11 48 48			
	eS 08 57				20	SHL eP 11 52 25			
19	NDI eP 19 46 05				20	PBA iPg 11 54 48	DS	0.6	
19	SHL iP 20 22 23	DNE	2.7			PP 54 56			
	iS 23 07					iSg 54 57			
19	P00 ePg 23 28 16		1.2			PPP 55 01			
	eSg 28 32					SSS 55 38			
					20	P00 eP 11 58 50			

OCTOBER, 1969

- 15 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
20	NDI	eP	11	59	17	
20	PBA	ePn	12	04	30	1.8
		PPP		04	43	
		iSn		04	53	
		SS		05	03	
20	PBA	iP	13	06	04	C
20	EPC: 10.8N, 72.5W -H = 13h 11m 37.0s Depth = 40 Kms VENZULEA FELT AT MARACAIBO AND LAGUNILLAS Mag 5 $\frac{1}{4}$, 5 $\frac{1}{2}$ (GOL) Mag. MB = 5.7 MS = 5.5 (CGS)					
	SHL	ePKP	13	30	40	
	NDI	ePKP	13	30	40	130.0
		PP		34	12	
	P00	ePKP	13	30	51	
	CHA	ePKP	13	30	57	
	KOD	ePKP	13	31	01.5	
	MDR	ePKP	13	31	05	
	BOK	eP	13	33	56	
20	PBA	iPn	13	56	07	CN 2.0
		PP		56	15	
		PPP		56	21	
		iSn		56	33	
20	KOD	eP	13	59	35.5	
		eP		59	36.2	
20	CHA	eP	13	59	40	
20	P00	eP	14	00	24	
20	NDI	eP	14	00	52	
20	PBA	i	14	27	28	
20	PBA	i	14	48	26	D 5.2
		PP		48	33	
		PPP		48	38	
		iSn		49	28	
20	PBA	eP*	15	18	19	0.8
		iS*		18	27	
20	PBA	iP*	15	30	18	D 1.0
		iS*		30	32	
20	EPC: 17.3N, 95.2W -H = 15h 20m 36.5s OAXACA, MEXICO FELT STRONGLY AT IXTEPEC Depth = 87 Kms, Mag, MB = .5.4 (CGS)					
	SHL	IPKP	15	39	41	DSW
	NDI	iPKP	15	39	43.7	D 135.
		PP		43	14	
	P00	ePKP	15	39	56	
	MDR	ePKP	15	40	13	
20	PBA	iPg	15	40	15	C 0.3
		iSg		40	19	
20	KOD	iP	15	40	23.0	D
		eP		40	23.5	
		eP		40	24.0	
20	VIS	iP	15	40	26	CE
20	BOM	e	15	43	28	
20	EPC: 32.1N, 49.7E WESTERN IRAN -H = 16h 27m 24.8s Depth = 52 Kms Mag MB 4.7 (CGS)					
	NDI	eP	16	32	35	
20	PBA	eP	16	34	40	
20	PBA	iP*	16	44	27	D 1.2
		iS*		44	44	
20	PBA	iPn	16	48	34	D 2.2
		iSn		49	02	
20	NDI	eP	16	49	05	
20	PBA	eP	17	00	35	
20	PBA	iPn	17	02	44	D 2.4
		PP		02	53	
		PPP		03	00	
		iSn		03	15	
		SS		03	21	
		SSS		03	27	
20	P00	eP	17	07	03	
20	NDI	eP	17	07	25	
		i		07	55	
		i		08	08	
		eS		09	11.5	
		i		09	29.5	
20	P00	e	17	23	03	
20	EPC: 11.9S, 75.2W PERU -H = 18h 00m 28.7s (USCGS) Depth = 12 Kms. Mag - MB 5.1 (CGS)					
	NDI	ePKP	18	20	18	
	P00	ePKP	18	20	19	
20	NDI	eP	18	34	34	9.7
		eS		36	25	
20	PBA	eP	19	14	22	
20	EPC: 52.6N, 153.2E NORTHWEST OF KURILE ISLANDS					

OCTOBER, 1969

- 16 -

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DATE	STN	PHASE	H. M. S.	△	DATE	STN	PHASE	H. M. S.	△
				Deg.					Deg.
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			Depth = 382 Kms						
			Mag. MB 4.5 (CGS)					Mag. MB 5.9, MS 5.4, 6.0(PAS)	
								(PAS) 6.9, (PAL) 5.4	
								5 1/4 (GOL)	
			SHL iP 22 11 16 DNE					SHL iP 21 04 46 CSW	
			CHA iP 22 11 39					CHA iP 21 05 07 C 71.6	
			NDI iP 22 12 09 D					S 14 26	
21			NDI i 01 49 48.5					DDI iP 21 05 21.9 C	
			i 49 58.7					BOK iP 21 05 25 CSW 74.3	
21			EPC: 9.1S, 125.2E TIMOR					iS 14 49	
			-H = 05h 12m 59s (USCGS)					SKS 15 18	
			Depth = 2 Kms,					NDI iP 21 05 31.0 CSW 75.0	
			Mag. MB. 4.8 (CGS)					eS 15 09	
								SCS 15 27	
			SHL eP 05 21 25					SEH iP 21 05 47 C	
			KOD eP 05 22 08.2					PBA iP 21 05 52 DN	
			P00 eP 05 22 51					VIS iP 21 06 01 DE	
			NDI eP 05 23 02					P00 iP 21 06 23.6	
21			NDI iPg 06 08 10.0 CSE 0.58					BOM iP 21 06 24 CSW 88.3	
			aSg 08 17.6					iS 17 08	
21			BOK e 07 22 15					KOD iP 21 06 45.2 C	
21			NDI eP 08 53 49					21 SHL iP 21 32 45 DS	
21			NDI eP 08 56 18					22 NDI eP 00 10 10	
21			BOK e 09 13 07					22 EPC: 29.1N, 95.8E	
21			NDI eP 10 15 12					India China Border Region	
21			NDI ePn 10 32 54.2 4.1					(USCGS)	
			eSn 33 43					-H = 02h 33m 21.2s	
21			NDI e 10 36 05					Depth = 33 Kms	
21			P00 ePg 12 51 57.5 1.2					Mag. = MB 4.6 (CGS)	
			eSg 52 13.5					TOC eP 02 34 11	
21			CHA i 13 57 30 D					eSn 34 33	
21			NDI ePn 17 18 03.7					Sg 34 42	
			eSn 18 33.8					CHA eP 02 35 18 11.4	
21			NDI iPg 17 31 41.2					eS 37 27	
21			P00 eP 17 59 49.5					NDI eP 02 37 04	
21			SHL iP 18 58 57 DN					eS 39 54	
21			NDI eP 19 00 26					BOK eS 02 37 36	
21			SHL iP 19 52 13 CSW					P00 eS 02 42 18.2	
21			CHA eP* 20 20 11.1 1.3					22 NDI e 03 22 41	
			iPPP 20 24.3					22 EPC: 4.9S, 154.2E	
			iS* 20 28.6					SOLOMON ISLANDS (USCGS)	
21			EPC: 51.3N, 179.2W					-H = 05h 58m 48.8s	
			Anderean of Islands Aleutian					Depth = 390 Kms	
			Islands (USCGS)					Mag. MB 4.8	
			-H = 20h 53m 47.5s					NDI iP 06 10 22	
			Depth 48 Kms.					P00 eP 06 10 29	
								22 EPC: 4.8S, 152.5E	
								NEW BRITAIN REGION (USCGS)	
								-H = 07h 12m. 07.7s (USCGS)	
								Depth = 71 Km.	

OCTOBER, 1969

- 17 -

DATE STN PHASE H. M. S. Δ
Deg.

DATE STN PHASE H. M. S. Δ
Deg.

Mag. MB 5.3 (CGS)
 SHL iP 07 22 49 CNW
 NDI eP 07 24 07
 eS 34 32
 P00 eP 07 24 15
 22 BOK e 08 04 47
 22 BOK e 08 49 05
 22 BOK e 09 09 37
 22 NDI e 09 38 22
 22 EPC: 18.1S, 71.5W
 OFF COAST OF N-CHILE (USCGS)
 -H = 10h 25m 52.1s
 Depth = 23 Kms,
 Mag. MB = 5.4
 BOM iPKP 10 41 31 C
 P00 iPKP 10 41 33.5 D
 NDI iPKP₁ 10 41 36.6 C 147.8
 PKP₂ 41 45
 PP 45 11
 DDI IPKP₁ 10 41 38.9 C
 IPKP₂ 41 52.1
 SHL ePKP 10 41 53
 22 EPC: 52.2N, 169.5W
 FOX ISLANDS ALEUTIAN ISLAND
 -H = 12h 11m 21.3s (USCGS)
 Depth = 79 Kms
 Mag. 5.1, 4.7 (CGS)
 SHL iP 12 23 02 CSE
 CHA iP 12 23 13 D
 BOK iP 12 23 29
 NDI eP 12 23 31
 e 33 50
 BOM eP 12 24 22
 P00 eP 12 24 22.5
 22 DDI iP 12 53 22.6 C
 i 53 33.6
 22 EPC: 10.9N, 62.6W
 NEAR EAST OF VENEZUELA
 FELT AT CANPAND AND GUIRIA
 AND PORT OF SPAIN TRINIDAD
 -H = 12h 52m 22.0s (USCGS)
 Depth = 79 Kms, Mag. MB 5.4(CGS)
 NDI ePKP₁ 13 11 14
 e 11 35

P00 ePKP₁ 13 11 20.5
 CHA ePKP₁ 13 11 29 D
 SHL iPKP₁ 13 11 32
 22 PBA iPg 13 11 56 D 0.3
 iSg 12 00
 22 CHA iP 13 47 08 D
 22 CHA i 18 18 10 C
 22 NDI e 18 34 51
 *(Kindly see Page No. 26 for more shocks)
 23 BOK e 09 07 11
 23 NDI e 10 29 55
 23 P00 eP 10 30 25
 23 NDI ePn 13 57 26 3.15
 eSn 58 05
 23 SHL eP 14 13 36
 23 SHL iP 14 34 58
 23 NDI eP 15 10 28
 23 P00 ePg 17 39 28.5 1.2
 eSg 39 44.5
 23 P00 eP 21 59 45.5
 23 SHL eP 22 31 11
 24 EPC: 52.5N, 168.6W
 FOX ISLANDS ALEUTIAN ISLAND
 -H = 00h 46m 14.6s (USCGS)
 Depth Normal, Mag. MB 5.2
 SHL iP 00 57 57 CSW
 DDI Ip 00 58 16.4 C
 i 58 28.0
 BOK iP 00 58 24
 NDI iP 00 58 25.5 C
 24 P00 eP 00 59 16 DNE
 SHL iP 01 18 08 DNE
 24 NDI ePn 04 24 26 4.55
 eSn 25 20.5
 i 25 23.7
 24 BOK e 08 53 03
 24 BOM e 10 17 46
 24 NDI eP 10 19 29
 24 BOK e 10 20 27
 24 PBA eP 10 57 10
 24 SHL iP 11 06 25 DNW
 24 EPC: 24.8N, 72.4E
 NORTHERN INDIA (USCGS)
 -H = 11h 45m 52.7s

OCTOBER, 1969

- 19 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.	
		Depth = 38 Kms							BOM	eP	06	57	40	
		Mag. MB 5.3, MS 4.6 (CGS)							NDI	iPn	07	58	40	3.21
		SHL	iP	12	12	28	CSW			iSn		59	19.7	
		NDI	iP	12	13	32.4	CNW 56.8			iSg		59	35.0	
			eS		21	25		26	NDI	eP	12	20	27	
		P00	iP	12	14	30.8	C	26	NDI	eP	15	51	36	
		BOM	iP	12	14	34	C	26	EPC: 44.9N, 17.3E					
			e		24	23		YUGOSLAVIA, 14 DEAD, 1100						
		KOD	iP	12	14	50.2	C	INJURED (FIGURE INCLUDE THE						
25	NDI	e		14	47	24		EFFECTS OF THE SHOCK OF OCTO-						
25	SHL	iP		19	57	18	DNE	BER 27 AT 081058.3)						
25	CHA	i		19	59	09	C	INTENSITY VII-VIII AT BANJA						
25	NDI	e		21	38	21		LUKA. FELT AT BELGRAD,						
25	NDI	iPg		23	49	22.4	CSE 0.56	ZAGREB, LJUBLJANA, TRIESTE						
			iSg		49	29.5		AND BUDAPEST (USCGS)						
26	NDI	iPg		00	41	20.0	CSE 0.56	Mag. 6 (PAS)						
			iSg		41	27.0		-H = 15h 36m 51.8s						
26	P00	eP		02	11	12		Depth = Normal						
26	NDI	eP		02	57	45		Mag. MB 5.3, MS 5.6					6.0(PAS)	
26	SHL	eP		03	06	49		NDI	eP	15	45	41	49.6	
26	KOD	eP		03	08	33			eS		52	49		
26	NDI	iP		03	08	51.0	DSW	BOM	iP	15	46	03	D 53.7	
26	NDI	eP		04	03	31			eS		53	36		
26	CAL	i		05	34	54		P00	eP	15	46	10		
26	SHL	iP		06	51	41	C 85.1	CHA	iP	15	46	42	C	
			iS		07	02	11	BOK	eP	15	46	47		
26	EPC: 16.2S, 174.0W								iS		54	51		
	TONGA ISLANDS							MDR	eP	15	47	07	61.0	
	FLET AT APIA								eS		55	25		
	Depth = 127 Kms,								SS		59	25		
	Mag. MB 5.8(CGS) 6.7(PAS)								LR		16	05	22	
	CHA	eP		06	56	03	C		M		10	22		
		e		07	02	06		SHL	iP	15	47	09		
	BOK	eP		06	56	24		KOD	eP	15	47	09.5		
	BOM	e		06	56	25		26	SHL	iP	17	30	09	DNE
	KOD	e		06	56	26		26	NDI	e	18	18	52.5	
	VIS	e		06	56	29		26	SHL	iP	18	49	13	DNW 0.67
	NDI	i		06	56	30.5	C			iS		49	23	
		i		07	03	09.5		26	EPC: 43.6N, 148.2E					
		e			05	02		KURILE ISLANDS REGION (USCGS)						
	P00	e		06	56	32.5		-H = 19h 15m 51.2s						
	NDR	e		06	56	45		Depth = 37 Kms						
								Mag. MB 5.0, MS 5.3						
								SHL	iP	19	24	35		
								CHA	iP	19	24	55	D 51.3	
									S		32	14		
								BOK	iP	19	25	15		

OCTOBER, 1969

- 20 -

DATE	STN	PHASE	H.	M.	S.		△ Deg.	
	DDI	iP	19	25	28.6	C		
		i		25	47.6			
	NDI	iP	19	25	39.0	CSW	58.5	
		i		25	50.0			
		eS		33	33			
	SEH	eP	19	26	05			
	MDR	eP	19	26	31			
	P00	eP	19	26	36			
	BOM	eP	19	26	39			
	KOD	iP	19	26	55.8	C		
26	EPC: 53.4S, 23.5E SOUTH AFRICA (USCGS) -H = 21h 39m 20.8s Depth = Normal Mag. MB 5.9, MS 6.1							
	TRD	eP	21	51	10		76.4	
		PP		54	03			
		PPP		55	56			
		eS	22	00	55			
		PS		01	36			
		SS		05	51			
		LR		12	39			
		M		17	01			
	KOD	iP	21	51	18.8	DNE	78.6	
		iS	00	01	16.0			
		PS		02	02.0			
		PPS		02	20.0			
		SS		06	18.0			
		LQ		13	14.0			
		LR		17	00.0			
	GOA	eP	21	51	33.5		81.3	
		PCP		51	36.9			
		PP		54	47.7			
		PPP		56	40.9			
		eS	22	01	43.9			
		SCS		01	52.9			
		PS		02	37.3			
		SS		07	09.3			
	MDR	eP	21	51	35		81.2	
		PCP		51	41			
		SKS	22	01	53			
		SCS		02	05			
	BOM	eP	21	51	46			
		e		59	21			
		e	22	01	37			
	P00	iP	21	51	46.5	D	84.5	
		eS	22	02	13			
		e		17	59			
	PBA	iP	21	52	08	C		

DATE	STN	PHASE	H.	M.	S.		△ Deg.
	VIS	eP	21	52	10		89.0
		ePP		55	57		
		ePPP		57	58		
		eS	22	02	57		
		ePS		04	15		
		ePPS		04	53		
		eSS		09	07		
		e		13	18		
		eLR		22	52		
		EM		26	54		
	SEH	eP	21	52	17		
	BOK	iP	21	52	42	C	95
		SKS	22	03	17		
		iS		03	48		
	DDI	iP	21	52	44.9	C	
	SHL	iP	21	52	55	D	98.0
		iSKS	22	03	38		
26	P00	e	21	59	58		
26	P00	ePg	22	13	22		1.1
		eSg		13	36		
		eSn		13	38.5		
26	P00	ePg	22	27	33.5		1.1
		eSg		27	49		
26	SHL	eP	23	30	27		
26	P00	ePg	23	55	52		1.1
		eSg			06.5		
		eSn			09		
26	BOM	ePn	23	56	02		1.5
		eSn		56	23		
27	BOM	e	00	00	-		
27	P00	e	00	06	03		
27	SHL	eP	00	28	24		
27	SEH	eP	00	32	55		
27	NDI	iPg	00	46	35.0	CSE	0.6
		iSg		46	42.8	M=	3.6
						Locally Felt.	
27	DDI	eP	00	46	51.7		
		e		47	18.6		
27	P00	ePg	00	48	55		
27	BOM	eP	00	51	47		
27	KOD	eP	00	54	02.2		
27	P00	eP	03	04	56		
27	SHL	iP	04	04	29	DW	
27	NDI	e	04	09	25		
27	NDI	e	04	11	01		

OCTOBER, 1969

- 22 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.
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	NDI	iP	18 32 10.5	90	28	P00	eP	11 12 17	
		iS	33 49		28	EPC:	3.9S 151.6E		
	BHK	e	18 32 53			NEW IRELAND REGION			
	SEH	eP	18 33 12	13.4		FELT AT DOILENE, LASSUL BAY			
		iS	35 43			AND REBAUL, NEW BRITAIN			
	BOK	eP	18 34 01	17.4		-H = 11h 49m 46.7s			
		iS	37 12			Depth = 19 Kms			
	P00	eP	18 34 02			Mag. MB. 4.9			
	SHL	iP	18 34 35			SHL	eP	12 00 23	
	MDR	eP	18 35 11	24.0		KOD	eP	12 01 30.5	
	BNS	eS	18 36 00			NDI	eP	12 01 49	
27	DDI	eP	18 47 00.4			P00	eP	12 01 54	
		i	47 14.4		28	SHL	eP	12 55 47	
27	PBA	eP	19 24 11		28	CHA	iP	15 26 40	C
27	PBA	iPg	19 49 59	CSW 1.0	28	PBA	iPg	16 04 52	CN 0.3
		PP	50 06				iSg	04 57	
		iSg	50 11				PP	05 04	
		SS	50 24				PPP	05 11	
		SSS	50 34		28	P00	eP	17 14 -	
27	CAL	i	22 05 08		28	SHL	eP	17 16 23	
		i	23 03		28	TOC	ePn	17 50 34.5	
27	NDI	e	22 51 57				e	50 36.0	
27	P00	ePg	23 51 23	1.2			eSn	51 00.5	
		eSg	51 39.5		28	SHL	iP	17 52 02	DSW
27	P00	e	23 56 24		28	CHA	iP	17 53 02.2	C 7.0
28	NDI	eP	00 59 22	13.2			iS	54 23.7	M= 4.75
		eS	01 01 51		28	BOK	e	17 53 15	
28	P00	eP	01 01 46				i	54 47	
28	NDI	e	05 04 34		28	NDI	eP	17 55 00	15.3
		e	04 50.2				eS	57 53	
28	P00	eP	05 41 44		28	EPC: 36.5N, 70.9E			
28	KOD	eP	07 27 13			HINDU KUSH REGION (USCGS)			
28	P00	eP	07 27 28			-H = 18h 45m 10.6s			
28	BOK	e	07 38 10			Depth = 229 Kms,			
28	BOK	e	08 37 50			Mag. MB 5.0			
28	NDI	e	09 10 11			BHK	iP	18 46 50.0	CSE 6.4
		i	11 49				iS	48 04.5	
		e	11 50			DDI	iP	18 47 11.4	7.95
28	BOK	e	09 25 37				iS	48 42.7	M= 6.5
28	CAL	i	09 38 12		28	NDI	iP	18 47 22.0	CSE 9.0
28	NDI	iPn	09 43 24.8	DSW 1.68			i	48 45.0	M= 5.7
		iSn	43 47.4				iS	49 00.7	
		iSg	43 48.3			BNS	iP	18 48 23.4	CSE 14.0
28	P00	eP	09 47 -				eS	51 01.0	
28	CAL	i	10 14 10			SEH	eP	18 48 24	14.0
							i	50 58	
							SS	51 28	
							LR	51 38	

OCTOBER, 1969

- 23 -

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DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
-----							-----						
	CHA	iP	18	48	55	DNW 16.2	29	BOK	e	08	15	53	
		eS		51	55	M= 6.5	29	NDI	ePn	08	47	08.0	2.98
	BOM	iP	18	49	04	D 18.0			eSn		47	45.0	
		eS		52	18		29	BOK	e	08	47	36	
	BOK	iP	18	49	09	DNW 18.3	29	KOD	eP	11	01	12.5	
		iS		52	21				e		03	05	
		i		52	32		29	NDI	iPg	15	16	16.3 E	0.55
	P00	iP	18	49	09.0	D			iSg		16	23.5	
	SHL	iP	18	49	38	DNW	29	P00	eP	16	12	04	
	VIS	iP	18	49	47	CE 22.0	29	NDI	eP	16	12	44	
		iPP		50	25				e		13	28	
		eS		53	37		29	P00	eP	16	43	55	
	MDR	eP	18	50	14	26.4	29	NDI	eP	16	44	30	
		PP		50	56		29	KOD	eP	16	48	48	
		eS		54	21		29	NDI	iP	16	49	22.7 C	
	KOD	iPg	18	50	33.5	DNE 3.7	29	NDI	i	18	21	03	
		iSg		51	18.5		29	CHA	iP	18	47	24	C
	PBA	i	18	51	16		29	EPC: 23.6N, 94.3E					
28	NDI	iPg	19	27	59.8	CSE 0.54	BURMA-INDIA BORDER REGION						
		iSg		28	06.7	M= 2.5	(USCGS)						
28	NDI	eP	21	30	50	8.4	-H = 22h 24m 22.0s						
		eS		32	26.5		Depth = 76 Kms						
28	P00	eP	21	41	15		Mag. MB 4.6						
28	PBA	ePg	22	30	09	0.5	TOC	eP	22	24	06		
		iSg		30	14			eS		24	29		
		PP		30	21		CHA	iP	22	26	08.4 D	1.0	
		PPP		30	24			eS		27	24.6	M= 5.75	
		SS		30	35		BOK	iP	22	26	13	7.8	
		SSS		30	44			iS		27	34		
28	TOC	eP	23	12	23		CAL	iSg	22	27	45		
28	SHL	iP	23	13	08	CSW	DDI	eP	22	28	01.9		
28	CHA	iP	23	14	05	D		i		28	07.9		
28	BOK	e	23	14	12		NDI	eP	22	28	04	15.6	
28	NDI	eP	23	16	07	13.7		i		28	09.2		
		eS		18	41			iS		30	48		
28	P00	eP	23	20	09		BNS	e	22	28	26		
29	NDI	e	04	46	35		P00	eP	22	28	48		
29	P00	eP	04	47	34		BOM	iP	22	28	57	C 20.8	
29	BOK	e	06	25	15			eS		32	35		
29	CHA	iP	07	08	05.1	C 1.6	KOD	iP	22	29	01.0	CW	
		eS		08	26.7	M= 4.0	30	EPC: 37.6N, 140.1E					
29	BOK	e	07	09	15		HONSHU JAPAN (USCGS)						
29	P00	eP	07	15	-		-H = 00h 05m 39.4s						
29	BOK	e	07	48	01		Depth = 151 Kms						
							Mag. MB 5.0						

OCTOBER, 1969

- 24 -

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
	CHA	iP	00	13	48	C	45.0
		iPCP		15	23		
		eS		20	16		
	DDI	iP	00	14	29.2	C	
	NDI	eP	00	14	37	D	52.0
		eS		21	52		
	P00	eP	00	15	33		
	KOD	eP	00	15	46.5		
30	EPC: 22.4N, 121.4E TAIWAN REGION -H = 00h 47m 59.8s Depth = 48 Kms Mag. = 4.4MB						
	CHA	eP	00	54	23		
	NDI	e	00	55	32		
	P00	eP	00	56	09		
30	P00	eP	03	07	08		
30	SHL	iP	07	36	15	DSE	
30	NDI	e	07	49	46		
30	PBA	iPg	07	52	23	D	0.9
		PP		52	31		
		iSg		52	35		
		SS		52	48		
		SSS		52	58		
30	NDI	e	08	01	03		
		e		01	11		
30	P00	eP	08	02	02		
30	SHL	iP	10	50	56	CE	
30	NDI	eP	10	52	25		
30	EPC: 52.3N, 95.8E CENTRALRUSSIA (USCGS) -H = 12h 17m 22.3s Depth = Nomral Mag. MB 4.8						
	CHA	eP	12	22	58		
	SHL	iP	12	23	02	DSE	
	NDI	eP	12	23	05		
	P00	eP	12	24	37		
	KOD	eP	12	25	33.5		
30	CHA	iPg	12	39	15.1	C	0.9
		PP		39	22.9		
		Sg		39	26.8		
30	SHL	iP	17	26	10	CNW	
30	CHA	iP	18	02	23	C	

DATE	STN	PHASE	H.	M.	S.		Δ Deg.
30	P00	eP	18	03	21.5		
30	NDI	iPg	18	24	08.6	CSE	0.22
		iSg		24	11.5		
30	EPC: 2.5S, 143.5E NEW GUINEA REGION -H = 18h 39m 23.0s Depth = Normal, Mag. MB 5.2 MS 4.9						
	SHL	iP	18	49	11	CNW	
	CHA	iP	18	49	43	C	
	MDR	e	18	50	01		
	KOD	iP	18	50	16.5		
	DDI	iP	18	50	36.7	C	
	NDI	eP	18	50	37	C	
	P00	eP	18	50	43		
30	P00	ePg	22	15	45		1.2
		eSg		16	01.5		
		eSn		16	03.5		
30	NDI	eP	22	32	10		13.5
		eS		34	42		
30	CHA	iP	22	33	59	C	
30	P00	e	22	34	-		
30	P00	ePg	23	20	44.5		
		eSg		21	00		
31	KOD	iP	04	40	43.8	CE	
31	NDI	e	04	41	04		
31	SHL	iP	05	24	30	DNE	
31	BOK	e	05	27	23		
31	NDI	e	05	30	17		
31	EPC: 45.8N, 150.7E KURILE ISLANDS -H = 06h 43m 17.5s Depth = 9 Kms, Mag. MB 5.2						
	SHL	iP	06	52	20	CSW	
	CCHA	iP	06	52	41	C	
	NDI	iP	06	53	19.5	CNW	
	P00	eP	06	54	18		
	MDR	e	06	54	36		
	KOD	iP	06	54	38.2	C	
31	NDI	e	07	01	20		
31	CHA	eP	07	07	24		61.2
		eS		15	43		

OCTOBER, 1969

- 25 -

DATE	STN	PHASE	H.	M.	S.	∠	Deg.
31	EPC: 37.1N, 142.0E						
	OFF EAST COAST OF HONSHU JAPAN						
	-H = 07h 00m 13.4s						
	Depth = 40 Kms						
	Mag. MB 5.0, MS 5.2						
	SHL iP	07 08 18	C			43.9	
		14 50					
	BOK i	07 09 03					
	NDI eP	07 09 36	CW			54.0	
	PS	17 20					
	VIS eP	07 09 42					
	MDR eP	07 10 18					
	e	18 37					
	P00 iP	07 10 30.8	C				
	BOM iP	07 10 34	CS			62.0	
	PP	12 53					
	KOD iP	07 10 43.3	C				
31	NDI eP	07 58 51					
31	BOK e	08 05 58					
31	BOK e	08 15 54					
31	BOK e	08 36 24					
31	BOK e	08 48 55					
31	BOK e	09 00 39					
31	NDI e	11 07 36					
31	EPC: 51.3N, 179.0W						
	ANDREAN ALEUTIAN ISLANDS						
	FELT ON ADAK						
	-H = 11h 33m 04.8s						
	Depth = 49 Kms						
	Mag. MB 6.0, MS 6.3, 6.5(PAS)						
	5.9 - 6.1 (BRK)						
	SHL iP	11 44 12	CSW			70.0	
	iPP	46 45					
	iPPP	48 36					
	iS	53 22					
	CHA eP	11 44 27				71.6	
	iS	53 46					
	DDI iP	11 44 39.9	C			73.55	
	PP	47 27.0					
	e	49 05.1					
	iS	54 08.6					
	SS	58 41.8					
	CAL iP	11 44 42	SW			75.0	
	PP	47 28					
	iS	54 14					
	M	12 14 50					

DATE	STN	PHASE	H.	M.	S.	∠	Deg.
	BOK iP	11 44 43	CSW			75.0	
	PP	47 29					
	PPP	49 22					
	iS	54 18					
	BNS iP	11 44 46					
	NDI iP	11 44 49.0				76.0	
	PP	47 43					
	iS	54 29					
	VIS iP	11 45 08	DNE			82.0	
	iPCP	45 15					
	iPP	48 26					
	iPPP	50 22					
	iSKKS	55 18					
	iS	55 22					
	ePS	56 14					
	ePPS	56 34					
	eSS	12 00 45					
	eSSS	04 09					
	PBA iP	11 45 12	CN			83.2	
	i	45 26					
	PS	56 29					
	PPS	56 44					
	SEH iP	11 45 14	C			74.3	
	P00 eP	11 45 41.5				86.0	
	PP	49 03					
	eS	56 04					
	BOM iP	11 45 43	CSW			85.6	
	PP	49 03					
	iSKKS	56 15					
	i	56 31					
	MDR iP	11 45 44	CE			87.2	
	PCP	45 47					
	PP	49 10					
	PPP	51 10					
	SKS	56 09					
	iS	56 23					
	SCS	56 29					
	PS	57 23					
	SS	12 02 10					
	SSS	05 42					
	LQ	09 31					
	LR	13 42					
	M	20 47					
	KOD iP	11 46 03.5	C			91.0	
	PP	49 42					
	SKS	56 42					
	SCS	57 12					
	PS	58 16					
	PPS	58 52					
	TRD iP	11 46 12	W			92.0	
	SKS	56 40					

OCTOBER, 1969

- 26 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.	DATE	STN	PHASE	H.	M.	S.	△ Deg.
31	NDI	e	11	59	17		31	CHA	iP	20	42	39.8	C 6.4
31	P00	eP	12	00	09				S		43	53.5	
31	PBA	iPg	17	19	25	S 0.7	31	SHL	eP	21	43	09	
		PP		19	33		31	CHA	iP*	21	43	48.3	D 1.2
		iSg		19	35				eS*		44	04.5	
		SS		19	49		31	CHA	i	22	00	28	D
		SSS		20	00								
31	SHL	iP	20	41	39	C	31	CHA	iP	22	43	49	C

*contd. on Page: 17

22	P00	e	20	24	-	
22	P00	ePg	22	13	55	
22	NDI	e	23	10	13	
		e		11	10	
22	SHL	iP	23	25	39	CSE
22	CHA	i	23	26	05	C
23	SHL	iP	23	05	21	CE
23	NDI	e	06	55	35	
		e		56	18	
23	BOK	e	07	45	59	
23	BOK	e	08	14	55	

OCTOBER, 1969

- 27 - MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
STATION : BOKARO									
01	00	3	0.2	5.0	13	00	3	0.3	5.2
	06	...	-	-		06	3	0.3	5.2
	12	3	0.1	4.5		12	3	0.3	4.9
	18	...	-	-		18	3	0.2	4.4
02	00	3	0.2	4.6	14	00	3	0.2	4.3
	06	3	0.3	5.3		06	3	0.3	4.9
	12	3	0.3	4.9		12	3	0.3	4.9
	18	3	0.3	5.1		18	3	0.3	4.7
03	00	3	0.2	4.6	15	00	3	0.2	4.6
	06	...	-	-		06	3	0.3	4.9
	12	3	0.3	4.9		12	3	0.2	4.7
	18	3	0.2	4.8		18	3	0.2	4.6
04	00	3	0.2	5.0	16	00	3	0.2	4.6
	06	3	0.2	4.7		06	3	0.3	4.5
	12	3	0.2	4.4		12	3	0.2	4.3
	18	3	0.2	4.2		18	3	0.2	5.0
05	00	...	-	-	17	00	3	0.1	4.3
	06	3	0.2	4.8		06	3	0.2	4.6
	12	3	0.3	4.8		12	3	0.2	4.4
	18	3	0.3	5.1		18	3	0.1	3.8
06	00	3	0.3	5.0	18	00	3	0.2	4.6
	06	3	0.3	5.6		06	3	0.1	4.5
	12	3	0.4	6.0		12	3	0.1	4.6
	18	3	0.5	6.4		18	3	0.1	4.7
07	00	3	0.4	6.5	19	00	3	0.1	4.9
	06	3	0.3	5.7		06	3	0.1	4.6
	12	3	0.3	5.7		12	3	0.1	4.9
	18	3	0.3	5.2		18	3	0.1	5.1
08	00	3	0.3	5.7	20	00	3	0.2	4.5
	06	3	0.3	4.9		06	3	0.2	4.9
	12	3	0.3	5.0		12	3	0.3	5.0
	18	3	0.2	4.8		18	3	0.3	5.1
09	00	3	0.2	2.4	21	00	3	0.3	5.2
	06	3	0.1	3.0		06	3	0.2	5.0
	12	3	0.3	3.0		12	3	0.2	4.4
	18	3	0.2	3.0		18	3	0.3	4.8
10	00	3	0.3	3.0	22	00	3	0.3	4.6
	06	3	0.3	2.9		06	3	0.2	4.3
	12	3	0.3	3.0		12	3	0.2	4.1
	18	3	0.2	2.6		18	3	0.3	4.9
	00	3	0.2	2.6	23	00	3	0.3	4.7
	06	3	0.1	2.3		06	3	0.3	4.4
	12	3	0.3	4.5		12	3	0.3	3.7
	18	3	0.3	5.2		18	3	0.3	3.9
	00	3	0.3	4.3	24	00	3	0.2	3.4
	06	3	0.3	5.0		06	3	0.2	3.6
	12	3	0.3	5.1		12	...	-	-
	18	3	0.3	5.0		18	3	0.2	4.7

OCTOBER, 1969

- 28 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
25	00	...	-	-	04	00	3	0.3	3.2
	06	3	0.2	5.1				0.2	1.8
	12	3	0.3	5.6	06	3	0.3	0.3	3.0
	18	3	0.2	5.0				0.2	1.8
26	00	3	0.2	5.4	12	3	0.3	0.3	3.1
	06	3	0.3	6.2				0.2	1.8
	12	3	0.3	5.6	18	3	0.3	0.3	3.0
	18	...	-	-				0.2	1.8
27	00	...	-	-	05	00	3	0.3	3.3
	06	3	0.2	5.7				0.2	2.1
	12	3	0.3	4.9	06	3	0.3	0.3	3.1
	18	3	0.3	5.1				0.2	1.9
28	00	3	0.2	5.8	12	2	0.3	0.3	2.9
	06	3	0.3	5.5	18	2	0.3	0.3	2.9
	12	3	0.3	5.2	06	00	2	0.3	3.0
	18	3	0.2	4.9		06	2	0.3	3.0
29	00	3	0.3	4.8		12	3	0.3	2.9
	06	3	0.3	4.9				0.2	1.9
	12	3	0.3	5.3	18	3	0.3	0.3	2.9
	18	3	0.3	5.2				0.2	1.9
30	00	3	0.3	5.2	07	00	2	0.3	2.8
	06	3	0.3	5.2		06	2	0.3	2.9
	12	3	0.3	5.0		12	2	0.3	3.1
	18	3	0.3	4.9		18	2	0.3	3.1
31	00	3	0.3	5.6	08	00	3	0.3	3.2
	06	3	0.3	5.2		06	3	0.3	3.6
	12	...	-	-				0.2	1.8
	18	3	0.3	5.2	12	3	0.3	0.3	3.5
					18	3	0.3	0.3	2.9
								0.2	1.8
STATION : BOMBAY					09	00	3	0.3	3.2
01	00	3	0.3	2.3				0.2	1.8
	06	Shock in progress			06	Calibration of MS(N-S)			
	12	3	0.3	5.6	12	2	0.3	0.3	2.9
			0.3	2.1	18	2	0.3	0.3	2.8
	18	Shock in progress			10	00	2	0.3	2.3
02	00	3	0.3	5.3		06	Calibration of SR(E-W)		
			0.3	2.1	12	3	0.3	0.3	5.8
	06	3	0.3	5.3				0.3	1.9
			0.2	2.0	18	3	0.3	0.3	5.8
	12	3	0.3	5.3				0.3	2.4
			0.2	2.0	11	00	3	0.3	5.9
	18	3	0.3	5.2				0.3	2.6
			0.2	1.8	06	3	0.3	0.3	7.6
03	00	3	0.3	5.3				0.3	2.5
			0.2	2.2	12	3	0.4	0.3	8.1
	06	3	0.3	5.1				0.3	2.1
			0.3	3.0	18	3	0.3	0.3	8.1
	12	3	0.3	3.5	12	00	3	0.3	8.1
			0.2	1.8				0.3	5.0
	18	3	0.3	3.3	06	3	0.3	0.3	8.0

OCTOBER, 1969

- 29 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
			0.3	4.8	19	00	3	0.3	3.9
	12	3	0.4	8.1		06	3	0.3	4.3
			0.3	4.9			0.3	0.3	2.8
	18	3	0.3	8.1		12	3	0.3	4.1
13	00	3	0.3	8.1				0.3	2.9
			0.3	6.1		18	3	0.3	4.4
	06	3	0.3	7.9				0.3	2.9
	12	3	0.3	6.7	20	00	3	0.3	5.2
			0.2	2.0				0.3	3.0
	18	3	0.3	6.1		06	3	0.3	4.6
			0.2	2.0				0.3	2.8
14	00	3	0.3	6.5		12	3	0.3	4.6
			0.2	1.8		18	3	0.3	4.7
	06	3	0.3	6.1				0.3	2.6
			0.3	4.1	21	00	3	0.3	5.5
			0.2	1.9				0.3	2.7
	12	3	0.3	6.1		06	3	0.3	5.5
			0.3	3.9				0.3	2.8
			0.2	2.0		12	3	0.3	5.5
	18	3	0.3	6.2				0.3	3.0
			0.2	2.0				0.2	1.7
15	00	3	0.3	6.3		18	3	0.3	4.3
			0.2	2.0				0.3	3.0
	06	3	0.3	5.7				0.2	1.8
			0.2	2.0	22	00	3	0.3	4.8
	12	3	0.3	6.0				0.3	3.2
			0.3	2.5		06	3	0.3	3.9
	18	3	0.3	5.8				0.3	2.8
			0.2	2.4		12	3	0.6	3.9
16	00	3	0.3	5.8				0.3	2.9
			0.3	2.6		18	1	0.7	3.8
	06	3	0.3	5.7	23	00	1	0.8	3.8
			0.3	2.7		06	1	0.9	3.7
	12	3	0.3	5.7		12	3	0.5	3.8
			0.3	2.1				0.3	3.0
	18	3	0.3	5.7		18	1	0.5	3.8
			0.3	2.7				0.3	2.5
17	00	3	0.3	5.9	24	00	3	0.3	3.1
			0.3	2.4		06	3	0.3	6.2
	06	3	0.3	3.0				0.3	3.1
			0.2	1.9		12	Shock in progress		
	12	3	0.3	3.0		18	3	0.3	6.1
			0.3	1.8				0.3	2.1
	18	3	0.3	3.0	25	00	3	0.3	6.2
			0.2	1.8				0.3	2.2
18	00	3	0.3	2.6		06	3	0.3	6.5
			0.3	3.8				0.2	2.2
	06	3	0.3	2.0		12	3	0.3	6.5
			0.3	3.8				0.2	2.3
	12	3	0.3	3.8		18	3	0.3	6.4
			0.2	2.6				0.3	2.2
	18	3	0.3	4.0	26	00	3	0.3	6.4
			0.3	2.5				0.3	2.4

OCTOBER, 1969

- 30 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
	06	3	0.3	6.7		12	3	0.2	1.0
			0.3	2.3				0.4	6.0
	12	3	0.3	6.7		18	3	0.1	1.0
			0.3	2.3				0.3	5.0
	18	3	0.3	6.7	04	00	3	0.1	1.0
			0.2	2.0				0.4	5.0
27	00	3	0.3	6.6		06	...	-	-
			0.2	2.0		12	...	-	-
	06	3	0.3	6.3		18	...	-	-
			0.2	2.2	05	00	...	-	-
	12	3	0.3	6.1		06	...	-	-
	18	3	0.3	6.4		12	...	-	-
			0.2	2.0		18	...	-	-
28	00	3	0.3	6.4	06	00	...	-	-
	06	2	0.3	6.4		06	...	-	-
	12	2	0.3	6.3		12	3	0.2	0.6
	18	2	0.3	6.2				0.5	5.0
29	00	2	0.3	6.1		18	3	0.2	0.6
	06	2	0.3	5.8				0.4	5.0
	12	2	0.3	6.0	07	00	3	0.2	1.0
	18	2	0.3	5.9				0.5	6.0
30	00	2	0.3	6.0		06	3	0.3	1.0
	06	2	0.3	6.0				0.4	5.5
	12	2	0.3	6.0		12	3	0.2	1.0
	18	2	0.3	6.2				0.4	6.0
			0.2	1.6		18	3	0.2	1.0
31	00	2	0.3	6.0				0.3	5.0
	06	2	0.3	6.0	08	00	3	0.2	1.0
	12	Shock in progress				06	3	0.3	1.0
	18	3	0.3	6.0				0.5	5.0
			0.2	1.5		12	3	0.4	0.6
STATION: CALCUTTA								0.4	5.0
01	00	3	0.2	1.0		18	3	0.2	0.6
			0.3	4.5				0.5	5.0
	06	...	-	-	09	00	3	0.2	0.6
	12	3	0.2	0.8				0.9	2.2
			0.3	5.0		06	3	0.3	0.6
	18	...	-	-				1.0	2.5
02	00	3	0.2	1.0		12	3	0.2	0.6
			0.4	5.0				0.7	2.5
	06	3	0.2	0.6		18	3	1.2	3.0
			0.6	6.0	10	00	3	1.5	2.6
	12	3	0.2	0.6		06	3	0.3	0.6
			0.7	6.0				2.1	3.0
	18	3	0.2	1.0		12	3	0.3	0.6
			0.7	6.0				1.3	2.8
03	00	3	0.2	1.0		18	3	1.3	2.8
			0.5	5.0	11	00	3	0.2	0.6
	06	3	0.2	1.0				0.7	2.5
			0.5	6.0					

OCTOBER, 1969

- 31 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
	06	3	0.3	0.6		06	3	0.3	0.6
			0.5	2.5				0.4	4.5
	12	3	0.3	0.6		12	3	0.3	0.6
			0.4	4.0				0.4	4.5
	18	3	0.2	0.6		18	3	0.2	1.0
			0.4	5.0				0.3	4.0
12	00	3	0.2	0.6	20	00	3	0.3	0.6
			0.5	5.0				0.3	4.5
	06	3	0.2	0.6		06	3	0.4	0.6
			0.4	5.0				0.4	5.0
	12	3	0.2	0.6		12	3	0.2	1.0
			0.4	5.0				0.4	5.5
	18	3	0.4	4.0		18	3	0.3	4.0
13	00	3	0.5	4.0	21	00	3	0.2	0.6
	06	3	0.4	1.0				0.4	4.0
			0.5	5.5		06	3	0.2	0.6
	12	3	0.4	1.0				0.3	5.0
			0.5	5.0		12	3	0.2	1.0
	18	3	0.4	0.6				0.3	4.5
			0.4	5.0		18	3	0.3	1.0
14	00	3	0.4	0.6				0.2	4.5
			0.4	5.0	22	00	3	0.2	0.6
	06	...	-	-				0.3	5.5
	12	...	-	-		06	...	-	-
	18	...	-	-		12	3	0.3	1.0
15	00	...	-	-				0.4	4.5
	06	...	-	-		18	3	0.2	1.0
	12	3	0.4	0.6				0.4	4.5
			0.4	6.0	23	00	3	0.2	0.6
	18	3	0.4	0.6				0.4	4.0
			0.4	5.0		06	...	-	-
16	00	3	0.4	0.6		12	3	0.4	0.6
			0.3	4.5				0.4	4.0
	06	...	-	-		18	3	0.2	0.6
	12	...	-	-				0.4	5.0
	18	...	-	-	24	00	3	0.3	0.6
17	00	...	-	-				0.4	4.0
	06	...	-	-		06	3	0.3	0.6
	12	3	0.4	0.6				0.3	5.0
			0.4	4.5		12	...	-	-
	18	3	0.3	4.5		18	3	0.2	0.6
			...	...				0.4	6.0
18	00	3	0.4	1.0	25	00	3	0.2	0.6
			0.3	4.5				0.3	6.0
	06	3	0.4	0.6		06	3	0.2	0.6
			0.3	5.0				0.4	4.0
	12	3	0.4	0.6		12	3	0.4	0.6
			0.3	4.5				0.5	6.0
	18	3	0.4	1.0		18	3	0.3	1.0
			0.4	5.0				0.4	4.5
19	00	3	0.3	0.6	26	00	3	0.2	1.0
			0.4	4.0				0.4	5.0

OCTOBER, 1969

- 32 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
26	06	3	0.4	0.6
			0.2	6.0
	12	3	0.4	1.0
			0.3	5.0
	18	3	0.4	6.0
27	00	3	0.2	0.5
			0.3	4.0
	06	3	0.2	0.6
			0.4	6.0
	12	3	0.3	0.6
			0.4	5.5
	18	3	0.2	0.6
			0.3	6.0
28	00	3	0.2	0.6
			0.5	6.0
	06	3	0.4	1.0
			0.3	5.0
	12	3	0.3	0.6
			0.4	5.5
	18	3	0.4	6.0
29	00	3	0.3	5.0
	06	3	0.3	0.5
			0.5	5.5
	12	3	0.3	0.6
			0.5	5.5
	18	3	0.4	6.0
30	00	3	0.5	5.0
	06	3	0.3	0.6
			0.4	6.0
	12	3	0.3	0.5
			0.5	5.5
	18	3	0.2	1.0
			0.5	5.0
31	00	3	0.2	0.5
			0.4	5.5
	06	3	0.3	0.6
			0.5	6.0
	12	3	-	-
	18	3	0.2	0.6
			0.5	6.0
STATION : GOA(E-W)				
01	00	3	0.3	4.3
	06	...	--	-
	12	3	0.4	3.2
	18	...	-	-
02	00	3	0.4	3.4
	06	3	0.4	4.0
	12	3	0.6	4.2
	18	3	0.5	3.6

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
03	00	3	0.4	3.8
	06	3	0.5	3.6
	12	3	0.5	3.4
	18	3	0.6	3.6
04	00	3	0.5	3.4
	06	3	0.5	3.4
	12	3	0.5	3.2
	18	3	0.5	3.6
05	00	3	0.5	3.4
	06	...	-	-
	12	...	-	-
	18	...	-	-
06	00	...	-	-
	06	3	0.5	3.2
	12	3	0.5	3.6
	18	3	0.5	3.4
07	00	3	0.5	3.4
	06	3	0.5	3.8
	12	3	0.5	3.8
	18	3	0.5	3.6
08	00	3	0.5	3.8
	06	3	0.5	4.0
	12	3	0.6	4.2
	18	3	0.6	4.2
09	00	3	0.6	4.0
	06	3	0.5	4.2
	12	3	0.5	4.0
	18	3	0.6	4.2
10	00	3	0.6	3.6
	06	3	0.4	3.4
	12	3	0.6	4.2
	18	3	0.5	3.8
11	00	3	0.5	3.6
	06	3	0.5	4.0
	12	3	0.5	4.2
	18	3	0.6	4.2
12	00	3	0.5	3.8
	06	3	0.5	3.8
	12	3	0.6	4.2
	18	3	0.5	4.0
13	00	3	0.5	3.6
	06	3	0.5	3.8
	12	3	0.5	3.8
	18	3	0.5	3.6
14	00	3	0.6	4.0
	06	3	0.5	3.8
	12	3	0.5	3.6
	18	3	0.5	3.8

OCTOBER, 1969

- 33 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
15	00	3	0.5	3.6					
	06	3	0.4	3.6		12	...	-	-
	12	3	0.5	3.4		18	.3.	0.5	3.8
	18	3	0.5	3.6	28	00	3	0.5	3.8
16	000	3	0.6	3.2		06	...	-	-
	06	3	0.4	3.4		12	...	-	-
	12	3	0.5	3.4	29	18	...	-	-
	18	3	0.5	3.4		00	...	-	-
17	00	3	0.4	3.2		06	...	-	-
	06	3	0.4	3.2		12	...	-	-
	12	3	0.6	3.6	30	18	...	-	-
	18	3	0.6	3.4		00	...	-	-
18	00	3	0.4	3.4		06	...	-	-
	06	3	0.5	3.6		12	...	-	-
	12	3	0.5	3.4	31	18	...	-	-
	18	3	0.5	3.6		00	...	-	-
19	00	3	0.5	3.6		06	...	-	-
	06	3	0.5	3.2		12	...	-	-
	12	3	0.5	3.2		18	...	-	-
	18	3	0.5	3.4					
20	00	3	0.5	3.6					
	06	3	0.5	3.4					
	12	3	0.5	3.6					
	18	3	0.5	3.6					
21	00	3	0.6	3.8					
	06	3	0.5	3.6					
	12	3	0.5	3.4					
	18	3	0.6	3.6					
22	00	3	0.6	3.8					
	06	3	0.7	3.6					
	12	3	0.8	3.8					
	18	3	0.8	3.8					
23	00	3	0.5	3.8					
	06	3	0.9	3.8					
	12	3	1.0	3.8					
	18	3	0.9	3.8					
24	00	3	0.6	3.8					
	06	3	0.5	3.2					
	12	...	-	-					
	18	3	0.5	3.4					
25	00	3	0.5	3.4					
	06	3	0.5	3.0					
	12	3	0.7	3.0					
	18	3	0.7	3.0					
26	00	3	0.8	3.2					
	06	...	-	-					
	12	3	0.6	3.4					
	18	3	0.5	3.2					
27	00	3	0.6	3.2					
	06	...	-	-					

STATION : MADRAS									
01	00	2	0.2	3.1					
	03	2	0.2	3.0					
	06	...	No record						
	12	2	0.2	3.1					
	18	3	0.1	1.5					
02	00	2	0.2	3.0					
	"	2	0.3	5.1					
	03	2	0.2	3.0					
	"	2	0.4	5.2					
	06	2	0.2	3.2					
	"	2	0.5	5.3					
	12	2	0.2	3.3					
	"	2	0.5	5.5					
	18	2	0.2	3.0					
	"	2	0.4	5.4					
03	00	2	0.2	3.1					
	"	2	0.4	5.5					
	03	2	0.3	3.1					
	"	2	0.4	5.7					
	06	2	0.2	3.1					
	"	2	0.4	5.3					
	12	2	0.2	3.0					
	"	2	0.3	5.3					
	18	2	0.3	5.2					
04	00	2	0.3	3.1					
	03	2	0.4	3.4					
	06	2	0.4	3.4					
	12	2	0.3	3.7					
	18	2	0.3	3.7					
05	00	2	0.4	3.8					
	03	2	0.3	3.5					

OCTOBER, 1969

- 34 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
06	06	2	0.3	3.8	12	00	2	0.5	8.6
	12	2	0.3	3.7		"	2	0.2	3.1
	18	2	0.3	3.8		03	2	0.5	8.6
06	00	2	0.3	3.6		"	2	0.2	3.6
	03	2	0.3	3.6		06	2	0.5	7.8
	06	2	0.3	3.5		"	2	0.2	3.5
	12	2	0.2	3.2		12	2	0.5	8.3
	18	2	0.2	3.1		"	2	0.2	4.0
07	"	2	0.3	6.8		18	2	0.3	7.9
	00	2	0.2	3.1		"	2	0.2	3.6
	"	2	0.3	6.7	13	00	2	0.5	7.8
	03	2	0.3	6.5		"	2	0.2	3.5
	"	2	0.2	3.0		03	2	0.5	7.1
	06	2	0.3	6.2		"	2	0.2	3.2
	"	2	0.2	3.8		06	2	0.5	7.4
	12	2	0.3	6.3		"	2	0.3	3.7
	"	2	0.3	3.7		12	2	0.3	3.7
	18	2	0.3	6.2		"	3	0.1	1.5
	"	2	0.2	3.5		18	2	0.3	3.7
08	00	2	0.3	6.0		"	3	0.1	1.7
	"	2	0.2	3.7	14	00	2	0.4	3.7
	03	2	0.4	5.3		"	3	0.2	1.9
	"	2	0.2	3.8		03	2	0.4	3.8
	06	2	0.4	5.5		"	2	0.2	2.2
	"	2	0.2	3.9		06	2	0.4	3.7
	12	2	0.4	5.4		"	2	0.2	2.2
	18	2	0.4	5.5		12	2	0.3	3.7
09	00	2	0.4	5.2		"	2	0.2	2.4
	06	2	0.2	3.6		18	2	0.4	3.6
	03	2	0.5	5.9		"	2	0.2	2.4
	"	2	0.2	3.6	15	00	2	0.2	3.3
	06	2	0.4	5.9		"	2	0.2	2.4
	"	2	0.2	3.6		03	2	0.3	2.6
	12	2	0.4	5.7		06	2	0.3	2.6
	"	2	0.2	4.0		09	2	0.5	2.6
	18	2	0.4	5.6		12	2	0.6	2.6
	"	2	0.2	3.9		15	1	0.8	2.8
10	00	2	0.4	5.9		18	1	0.8	3.0
	"	2	0.2	3.4		21	1	1.1	3.0
	03	2	0.4	5.9	16	00	1	1.2	3.0
	06	2	0.4	5.7		03	1	0.9	3.0
	12	2	0.4	5.6		06	1	0.8	3.0
	18	2	0.3	5.3		09	1	0.8	3.0
	"	3	0.2	2.0		12	2	0.6	2.9
11	00	3	0.6	2.1		18	2	0.6	2.9
	03	3	0.5	2.0	17	00	2	0.7	3.0
	06	2	0.4	5.1		03	1	0.9	2.9
	12	2	0.2	3.1		06	1	1.0	3.0
	"	2	0.3	5.3		09	1	1.2	3.1
	18	2	0.5	8.8		12	1	1.3	3.1
	"	2	0.4	5.1		15	1	1.3	3.1
	"		0.3	3.8		18	1	1.3	3.1
						21	1	1.1	3.0

OCTOBER, 1969

- 35 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
18	00	1	0.8	3.0	12	1	2.3	3.6	
	03	1	0.9	3.0	13	1	2.1	3.5	
	06	1	0.8	2.9	14	1	2.0	3.4	
	12	1	0.8	3.0	15	1	1.9	3.5	
	18	2	0.7	3.0	16	1	1.7	3.5	
19	00	2	0.6	3.0	17	1	1.7	3.3	
	03	2	0.6	2.9	18	1	1.6	3.3	
	06	2	0.6	2.9	21	1	1.5	3.2	
	12	2	0.5	2.8	24	00	1	1.2	3.1
	18	2	0.3	2.7	03	1	1.0	3.0	
20	00	2	0.3	2.6	06	1	1.9	3.1	
	03	3	0.2	1.9	09	1	0.8	2.9	
	06	2	0.3	2.4	12	...	Earthquake		
	12	2	0.3	2.7	18	1	0.8	2.9	
	18	2	0.3	2.6	25	00	1	0.7	2.7
21	00	2	0.5	2.8	03	1	0.5	2.7	
	03	2	0.6	2.9	06	1	0.5	2.7	
	06	2	0.6	2.9	12	1	0.4	2.7	
	09	1	0.7	3.0	18	2	0.3	2.6	
	12	1	0.7	3.0	26	00	2	0.2	2.6
	15	1	0.8	3.1	03	2	0.2	2.6	
	18	1	0.9	3.3	"	2	0.5	6.8	
	21	1	1.0	3.4	06	2	0.5	6.8	
22	00	1	1.0	3.1	"	2	0.2	2.5	
	03	1	1.1	3.3	12	2	0.5	7.2	
	06	1	1.3	3.2	"	2	0.2	2.4	
	07	1	1.4	3.5	18	2	0.5	7.1	
	08	1	1.5	3.5	"	2	0.2	2.2	
	09	1	1.7	3.5	27	00	2	0.5	6.8
	10	1	1.8	3.6	03	2	0.4	6.5	
	11	1	1.8	3.7	06	2	0.3	6.4	
	12	1	1.8	3.7	12	2	0.3	6.5	
	13	1	1.9	3.7	18	2	0.4	6.3	
	14	1	1.9	3.5	28	00	2	0.3	6.2
	15	1	1.8	3.5	03	2	0.4	6.1	
	16	1	1.9	3.8	06	2	0.4	6.4	
	17	1	1.9	3.7	12	2	0.4	6.2	
	18	1	2.0	3.6	18	2	0.4	6.6	
	19	1	2.0	3.6	29	00	2	0.4	6.7
	20	1	2.1	3.5	03	2	0.4	6.5	
	21	1	2.1	3.5	06	2	0.4	6.4	
	22	1	2.2	3.5	12	2	0.6	6.7	
	23	1	2.2	3.6	18	2	0.4	6.3	
23	00	1	2.4	3.5	"	2	0.2	2.3	
	01	1	2.6	3.7	30	00	2	0.4	6.3
	02	1	2.5	3.6	"	2	0.2	2.5	
	03	1	2.9	3.6	03	2	0.5	6.6	
	04	1	3.1	3.6	"	2	0.2	2.6	
	05	1	3.3	3.6	06	2	0.4	6.6	
	06	1	2.8	3.6	"	2	0.2	2.5	
	07	1	2.8	3.7	12	2	0.2	2.5	
	08	1	2.8	3.5					
	09	1	2.6	3.8					
	10	1	2.5	3.7					
	11	1	2.3	3.7	18	2	0.2	2.6	

OCTOBER, 1969

- 36 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
31	00	2	0.3	2.8	12	00	+		
	03	2	0.3	2.9		06	3	6.4	8.0
	06	2	0.3	2.8		12	3	6.0	7.0
	12	...	Earthquake			18	3	5.6	7.0
	18	2	0.5	2.8	13	00	3	5.6	7.0
STATION : PORT BLAIR.						06	3	4.4	7.0
01	00	3	2.4	2.0		12	3	5.2	6.0
	06	...	-	-		18	3	4.0	6.0
	12	3	2.4	2.0	14	00	3	4.4	6.0
	18	...	-	-		06	3	4.8	7.0
02	00	3	2.4	2.0		12	3	4.4	6.0
	06	...	-	-		18	3	4.0	7.0
	12	3	3.6	6.0	15	00	3	3.2	6.0
	18	3	4.0	7.0		06	3	3.2	6.0
03	00	3	3.6	6.0		12	3	4.4	7.0
	06	...	-	-		18	3	3.2	6.0
	12	3	2.8	6.0	16	00	3	3.2	4.0
	18	3	2.8	5.0		06	3	3.2	5.0
04	00	3	3.2	5.0		12	3	2.8	4.0
	06	3	2.4	6.0		18	3	2.8	4.0
	12	3	2.8	5.0	17	00	3	3.2	4.0
	18	3	2.8	5.0		06	3	2.8	4.0
05	00	3	3.2	5.0		12	3	2.4	3.0
	06	...	-	-		18	3	2.4	2.0
	12	...	-	-	18	00	3	2.4	3.0
	18	...	-	-		06	3	2.4	3.0
06	00	...	-	-		12	3	2.4	2.0
	06	3	2.8	5.0		18	3	2.4	2.0
	12	3	2.4	4.0	19	00	3	2.8	3.0
	18	3	2.4	3.0		06	3	2.4	2.0
07	00	3	3.2	7.0		12	3	2.4	3.0
	06	3	3.2	6.0		18	3	2.4	3.0
	12	3	2.8	6.0	20	00	3	2.4	3.0
	18	3	3.2	6.0		06	3	2.4	3.0
08	00	3	3.2	5.0		12	3	2.4	2.0
	06	3	2.8	5.0		18	3	2.4	3.0
	12	3	3.6	6.0	21	00	3	2.4	3.0
	18	3	3.6	5.0		06	3	2.4	3.0
09	00	3	3.2	5.0		12	3	2.4	2.0
	06	3	2.4	6.0		18	3	2.8	4.0
	12	3	2.8	7.0	22	00	3	2.4	3.0
	18	3	3.2	7.0		06	3	2.4	2.0
10	00	3	3.2	7.0		12	3	2.4	2.0
	06	...	-	-		18	3	2.8	3.0
	12	...	-	-	23	00	3	2.8	3.0
	18	...	-	-		06	3	2.8	5.0
11	00	...	-	-		12	3	2.8	6.0
	18	+	=	+		18	3	2.8	7.0

OCTOBER, 1969

- 37 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	00	3	3.2	5.0	05	00	3	0.45	4.0
	06	3	3.2	4.0		06	3	0.45	4.0
	12	3	2.8	3.0		12	3	0.45	4.0
	18	3	3.2	6.0		18	3	0.4	3.2
25	00	3	2.8	3.0	06	00	2	0.4	3.2
	06	3	2.8	4.0		06	...	-	-
	12	3	2.8	5.0		12	...	-	-
	18	3	2.8	6.0		18	...	-	-
26	00	3	2.8	6.0	07	00	...	-	-
	06	3	2.8	7.0		06	3	0.4	3.0
	12	3	2.8	7.0		12	3	0.4	3.0
	18	3	3.8	7.0		18	3	0.4	3.0
27	00	3	3.4	7.0	08	00	3	0.5	4.0
	06	3	3.0	7.0		06	3	0.4	3.5
	12	3	2.8	5.0		12	2	0.35	3.0
	18	3	2.6	5.0		18	3	0.5	4.5
28	00	3	2.6	4.0	09	00	2	0.5	5.0
	06	3	2.8	5.0		06	3	0.5	4.6
	12	3	2.2	4.0		12	3	0.5	4.3
	18	3	2.8	5.0		18	3	0.45	4.3
29	00	3	2.6	4.0	10	00	3	0.5	4.0
	06	3	2.4	5.0		06	...	-	-
	12	3	2.8	6.0		12	3	0.6	5.0
	18	3	3.6	5.0		18	3	0.6	5.0
30	00	3	3.0	6.0	11	00	3	0.65	6.0
	06	3	3.0	6.0		06	3	0.5	5.5
	12	3	4.0	6.0		12	2	0.5	5.5
	18	...	-	-		18	3	0.5	4.0
31	00	...	-	-	12	00	3	0.5	4.0
	06	3	2.6	4.0		06	3	0.6	5.0
	12	...	-	-		12	3	0.5	4.2
	18	3	2.2	3.0		18	3	0.5	4.2
STATION : SHILLONG					13	00	3	0.4	3.5
01	00	3	0.5	4.0		06	3	0.5	4.0
	06	3	1.5	8.0		12	2	0.4	4.0
	12	3	0.7	5.0		18	3	0.5	3.0
	18	3	1.0	6.2	14	00	3	0.5	4.0
02	00	3	0.8	6.0		06	2	0.4	3.0
	06	3	0.7	6.0		12	3	0.4	3.5
	12	3	0.8	6.0		18	3	0.5	4.0
	18	3	0.6	5.5	15	00	3	0.5	4.0
03	00	2	0.65	5.5		06	3	0.7	5.0
	06	2	0.55	4.5		12	3	0.52	4.2
	12	3	0.5	4.5		18	3	0.5	4.3
	18	2	0.5	4.0	16	00	3	0.5	4.3
04	00	2	0.4	4.0		06	3	0.52	4.0
	06	3	0.5	4.0		12	3	0.6	4.0
	12	3	0.5	5.2		18	3	0.5	4.5
	18	3	0.5	5.0	17	00	...	-	-
						06	3	0.4	7.0

OCTOBER, 1969

- 38 -

DATE	HOUR	H	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
	12	2	0.3	5.0	30	00	3	0.45	6.5
	18	3	0.5	5.5		06	3	0.55	6.0
18	00	3	0.6	5.5		12	3	0.55	6.0
	06	3	0.52	4.0		18	3	0.5	5.0
	12	3	0.52	4.0	31	00	3	0.5	4.2
	18	3	0.4	3.5		06	3	0.6	5.0
19	00	3	0.42	3.0		12	3	0.62	5.0
	06	3	0.5	4.5		18	3	0.5	4.0
	12	3	0.55	4.5	STATION: TRIVANDRUM				
	18	3	0.55	4.5	01	00	2	0.2	2.8
20	00	3	0.5	4.0		06	...	Earthquake	
	06	3	0.5	5.0		12	2	0.2	2.8
	12	3	0.4	5.0		18	...	Earthquake	
	18	3	0.4	5.2	02	00	2	0.3	4.0
21	00	3	0.5	5.2		06	2	0.3	4.7
	06	3	0.4	4.0		12	2	0.3	4.7
	12	2	0.4	4.0		18	2	0.3	4.9
	18	2	0.4	4.2	03	00	2	0.4	4.2
22	00	3	0.45	5.5		06	...	Calibration	
	06	3	0.5	5.0		12	2	0.3	3.6
	12	3	0.5	4.5		18	2	0.4	3.4
	18	3	0.55	4.5	04	00	2	0.4	3.7
23	00	3	0.6	5.0		06	2	0.4	3.5
	06	3	0.5	4.5		12	...	Power failure	
	12	3	0.5	4.5		18	2	0.4	3.6
	18	3	0.5	4.5	05	00	2	0.5	3.7
24	00	3	0.55	4.0		06	...	Power failure	
	06	3	0.6	6.0		12	2	0.5	3.5
	12	3	0.4	6.2		18	2	0.5	3.5
	18	2	0.4	5.0	06	00	2	0.5	3.6
25	00	...	-	-		06	2	0.5	3.4
	06	3	0.4	5.0		12	2	0.4	3.5
	12	3	0.4	5.0		18	2	0.4	3.4
	18	3	0.5	4.0	07	00	2	0.3	3.3
26	00	3	0.5	4.2		06	2	0.3	3.4
	06	3	0.7	6.2		12	2	0.3	3.4
	12	3	0.45	4.2		18	2	0.3	3.9
	18	3	0.40	4.2	08	00	2	0.3	3.9
27	00	2	0.4	4.0		06	2	0.3	5.0
	06	3	0.42	5.2		12	2	0.4	5.2
	12	3	0.42	5.2		18	2	0.5	5.3
	18	3	0.42	5.0	09	00	2	0.5	5.2
28	00	3	0.4	3.0		06	2	0.4	5.2
	06	3	0.5	5.0		12	2	0.6	5.6
	12	3	0.4	3.2		18	2	0.5	5.2
	18	3	0.5	5.2	10	00	2	0.5	5.1
29	00	3	0.5	5.2		06	2	0.5	5.3
	06	3	0.52	5.0		12	2	0.5	5.0
	12	3	0.52	5.0		18	2	0.4	4.8
	18	3	0.4	4.5					



DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
11	00	2	0.4	4.6
	06	2	0.4	5.0
	12	2	0.4	4.8
	18	2	0.4	4.8
12	00	2	0.4	4.9
	06	2	0.4	4.0
	12	...	Power Failure	
	18	2	0.2	2.4
13	00	2	0.2	2.4
	06	2	0.3	2.4
	12	2	0.3	2.7
	18	2	0.3	3.1
14	00	2	0.2	2.6
	06	2	0.2	2.4
	12	2	0.2	2.4
	18	2	0.2	2.4
15	00	2	0.2	2.5
	06	2	0.2	2.5
	12	2	0.2	2.5
	18	2	0.2	2.5
16	00	2	0.2	2.6
	06	2	0.2	2.7
	12	2	0.2	2.4
	18	2	0.3	2.6
17	00	2	0.4	2.7
	06	22	0.4	2.7
	12	2	0.4	2.6
	18	2	0.4	2.8
18	00	2	0.5	2.8
	06	2	0.3	3.0
	12	2	0.4	2.9
	18	2	0.3	2.8
19	00	2	0.4	2.9
	06	2	0.3	2.8
	12	2	0.3	2.6
	18	2	0.3	2.7
20	00	2	0.3	2.5
	06	2	0.3	2.6
	12	2	0.2	2.4
	18	0,0	minute	
21	00	0,0	Minute	
	06	0,0		
	12	0,0		
	18	02	0.2	2.6
22	00	2	0.2	2.6
	06	2	0.3	2.5
	12	2	0.5	3.3
	18	2	0.5	3.4
23	00	2	0.6	2.9
	06	2	0.5	3.2
	12	2	0.5	2.8
	18	22	0.5	2.7

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	00	2	0.4	2.6
	06	2	0.3	2.6
	12	...	Shock	
	18	2	0.3	2.6
25	00	2	0.3	2.6
	06	2	0.2	2.6
	12	2	0.2	2.7
	18	0,0		
26	00	3	0.4	6.4
	06	3	0.3	5.8
	12	3	0.3	5.2
	18	3	0.3	5.4
27	00	3	0.3	5.4
	06	3	0.3	5.7
	12	3	0.3	6.2
	18	3	0.3	6.0
28	00	3	0.2	5.4
	06	2	0.3	5.4
	12	2	0.3	5.4
	18	2	0.3	6.1
29	00	2	0.3	6.2
	06	2	0.4	6.2
	12	2	0.3	6.2
	18	2	0.3	6.3
30	00	2	0.3	6.2
	06	2	0.4	6.2
	12	2	0.3	6.2
	18	2	0.3	6.3
31	00	2	0.2	5.3
	06	0,0	Minute	
	12	...	Earthquake	
	18	0,0	Minute	

STATION : VISAKHAPATNAM

01	00	2	0.5	3.6
	06	...	-	-
	12	2	0.5	4.0
	18	...	-	-
02	00	2	0.5	4.0
	06	2	0.3	5.1
	12	2	0.4	5.3
	18	2	0.4	5.4
03	00	2	0.4	5.6
	06	2	0.4	5.6
	12	2	0.3	5.0
	18	2	0.3	4.9
04	00	2	0.3	5.1
	06	2	0.4	4.2
	12	2	0.5	4.2
	18	2	0.5	4.3

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
05	00	2	0.5	4.3
	06	1	0.2	2.0
	12	1	0.2	2.0
	18	1	0.2	2.0
06	00	1	0.2	2.0
	06	1	0.2	2.5
	12	1	0.2	2.5
	18	1	0.2	2.5
07	00	1	0.2	2.5
	06	1	0.2	2.5
	12	1	0.2	2.5
	18	1	0.2	2.5
08	00	1	0.2	2.5
	06	1	0.2	2.5
	12	1	0.2	2.5
	18	1	0.2	2.5
09	00	1	0.2	2.5
	06	1	0.1	2.5
	12	1	0.1	2.9
	18	1	0.1	2.9
10	00	1	0.1	2.3
	06	1	0.1	2.8
	12	1	0.1	2.5
	18	2	0.3	4.9
11	00	2	0.3	4.9
	06	2	0.2	5.2
	12	2	0.2	5.5
	18	2	0.3	5.3
12	00	1	0.1	2.0
	06	2	0.4	4.9
	12	2	0.2	5.1
	18	2	0.4	5.0
13	00	2	0.1	4.8
	06	2	0.5	4.5
	12	2	0.4	4.3
	18	2	0.4	4.6
14	00	2	0.3	4.4
	06	1	0.2	2.5
	12	1	0.2	2.5
	18	1	0.2	2.5
15	00	1	0.2	2.5
	06	1	0.2	2.5
	12	1	0.2	2.5
	18	1	0.5	3.0
16	00	1	0.5	3.0
	06	1	0.5	2.5
	12	1	0.6	2.8
	18	1	0.7	3.0
17	00	1	0.7	3.0
	06	1	0.1	2.9

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
	12	1	0.3	2.1
	18	1	0.1	2.5
18	00	1	0.1	2.9
	06	2	0.2	4.6
	12	2	0.1	4.3
	18	2	0.1	4.7
19	00	2	0.3	4.8
	06	2	0.2	4.5
	12	2	0.2	4.7
	18	2	0.2	4.8
20	00	2	0.2	4.6
	06	2	0.5	4.5
	12	2	0.2	2.0
	18	1	0.2	2.0
21	00	1	0.3	2.5
	06	1	0.2	2.5
	12	1	0.2	2.5
	18	1	0.5	3.0
22	00	1	0.5	3.0
	06	1	0.3	4.1
	12	1	0.4	3.1
	18	1	0.3	3.1
23	00	1	0.4	3.2
	06	1	0.4	3.2
	12	1	0.4	3.2
	18	1	0.7	3.1
24	00	1	1.0	3.3
	06	1	0.7	3.2
	12	...	-	-
	18	1	0.4	3.5
25	00	...	-	-
	06	1	0.1	2.2
	12	1	0.1	2.5
	18	1	0.1	1.6
26	00	1	0.1	2.2
	06	2	0.2	5.1
	12	2	0.2	6.2
	18	2	0.2	5.9
27	00	2	0.6	6.1
	06	2	0.2	6.2
	12	2	0.2	5.7
	18	2	0.3	4.9
28	00	2	0.1	5.4
	06	2	0.5	5.0
	12	2	0.5	4.8
	18	2	0.6	5.0
29	00	2	0.5	5.0
	06	2	0.2	5.4
	12	2	0.2	5.4
	18	2	0.2	4.9

OCTOBER, 1969

- 41 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
30	00	2	0.2	5.3	31	00	2	0.2	4.6
	06	2	0.2	4.8		06	2	0.3	4.8
	12	2	0.2	5.1		12	...	-	-
	18	2	0.1	4.9		18	2	0.3	5.0

NOVEMBER, 1969.

--16--

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DATE	STN	PHASE	H.	M.	S.	↙	DATE	STN	PHASE	H.	M.	S.	↙	
						Deg.							Deg.	
18	NDI	ePn	08	37	41.0	1.95		DDI	1P	08	52	46.9	D	
		iPg		37	45.1				i		53	09.6		
		iSn		38	06.5			NDI	1P	08	52	58.0	DNE 47,1	
		iSg		38	08.1				eS		59	16		
		iSg		38	12.2			POO	eP	08	53	58		
18	NDI	e	08	41	09			KOD	1P	08	54	18.5	DSE	
	POO	eP	08	41	27			19	SHL	ePn	08	58	11.5	1.8
18	POO	eP	10	06	02				Pg		58	18.5		
18	SHL	1P	11	13	04.6	C			iSn		58	35.0		
	NDI	ePn	11	13	21.5	4.5		CHA	1P	08	58	25	D	
		iSn		14	15.5			19	SHL	ePg	09	11	40.0	0.73
18	CHA	1P	12	40	22	D			eSg		11	49.5		
18	Epc: 14.5 92.9W NEAR COAST OF OF CHIAPAS MEXICO H=13h 52m 40.2s Depth= 160 Kms. (USCGS) Mag= 4.8 (CGS)							19	EPC: 0.9N, 97.8E NORTHERN SUMATRA H= 13h 11m 45.8s Depth= 33 Kms. (USCGS) Mag= 5.3 (CGS)					
	NDI	ePKP	14	11	47			MDR	eP	13	16	32	21.3	
18	CHA	1P	14	44	46	C			eS		20	20		
18	NDI	iPn	16	57	31.3	DSW 2.06		KOD	1P	13	16	44.0	DE	
		1P*		57	32.7	M= 3.7		SHL	1P	13	17	10.5	DSE 25.3	
		iPg		57	37.0				eS		21	31		
		iSn		57	58.1			BOK	1P	13	17	18	W 26.1	
		iS*		57	59.6				iS		21	43		
		iSg		58	03.1			CHA	1P	13	17	35	C	
	CHA	1P	16	59	25	D		NDI	eP	13	18	28		
	POO	eP	17	00	32			19	NDI	e	16	02	45	
	KOD	eP	17	05	33.0			19	CHA	i	18	03	39	C
18	NDI	ePn	17	47	29.0	2.25		19	MDR	e	21	09	03	
		eSn		47	59.0			20	CHA	1Pg	01	00	43.7	C 0.8
	POO	eP	17	47	46				Sg		00	54.7	M= 3.5	
18	NDI	1Pg	18	14	13.7	DNW 0.85		20	NDI	eP	03	57	26	
		iSg		14	25.1	M= 2.7		20	SHL	1Pn	04	52	23.0	CNW 2.2
18	EPC: 22.3S, 175.3W TONGA ISLANDS REGION H= 20h 45m 41.6s Depth= Normal (USCGS) Mag = 4.9 MS= 5.3 (CGS)									iSn		52	51.5	
	NDI	ePKP	21	04	20			20	Epc: 1.4S, 126.7E, MOLOCCA SEA H= 09h 50m 20.6s Depth= 68Kms, (USCGS) Mag= 4.9 (CGS)					
18	CHA	1P	22	10	45	C		SHL	1P	09	58	19.0	D	
18	CHA	1P	23	27	54	C		POO	eP	10	00	02		
19	NDI	e	05	37	07			20	CHA	1P	13	18	38	C
19	Epc: 41.8N, 133.7E SEA OF JAPAN H= 08h 45m 03.3s Depth= 423 Kms (USCGS) Mag= 5.0 (CGS)							20	SHL	1Pg	13	25	37.0	DNW 1.1
									iSg		25	51.2		
	SHL	eP	08	51	45	38		20	NDI	eP	16	14	25	6.9
		eS		56	54				eS		15	45		
	CHA	1P	08	52	10	D		20	CHA	eP	16	17	41	
								20	CHA	1P	17	06	57	D

NOVEMBER, 1969

- 17 -

DATE STN PHASE H. M. S.

∠
Deg.

DATE STN PHASE H. M. S.

∠
Deg.

NDI eP 17 07 08
e 08 10

20 Epc: 54.4S 133.9W SOUTH PACIFIC CORDILLERA H= 17h 21m 59.3s Depth= Normal (USCGS) Mag= 5.0 (CGS)

NDI ePKP 17 41 36

20 CHA 1P 18 51 34 C

20 SHL 1P 19 00 24 D

CHA e 19 01 25

20 Epc: 43.3N, 147.9E KURIL ISLANDS H= 21h 09m 29.0s Depth=53Kms, (USCGS) Mag= 5.1 (CGS)

SHL 1P 21 09 08.4 C 48.5
eS 16 14

CHA 1P 21 09 31 C

BOK 1P 21 09 50 54.0
eS 17 27

POO eP 21 11 11

BOM eS 21 20 10

KOD eP 21 11 30.1

20 Epc: 56.6N, 153.2W KODIAK ISLAND REGION H= 23h 46m 11.6s Depth= Normal (USCGS) Mag= 5.1 MS= 5.5 (CGS) Mag= 5.6 ML(CGS) Mag=5.3(GOL)

SHL eP 23 58 23.6 80.8
eS 00 08 27.0

CHA 1P 23 58 33 D

NDI eP 23 58 47 85.4
eS 00 09 10

BOK 1P 23 58 50 86.0
eS 00 09 16

21 Epc: 56.3N, 153.4W KODIAK ISLANDS REGION H= 00h 14m 12.5s Depth= Normal (USCGS) Mag= 5.1 (CGS)

CHA 1P 00 26 35 D

21 Epc: 56.7N, 154.3W KODIAK ISLANDS REGION H= 00h 22m 30.1s Depth=Normal (USCGS) Mag= 3.9 (CGS)

BOM eP 00 36 00

MDR eP 00 36 00

21 Epc: 56.4N 153.6W KODIAK ISLAND REGION.

H= 00h 29m 50.1s Depth= 12Kms (USCGS) Mag=MB=5.2 ML=4.2(CGS)

CHA eP 00 42 08

21 Epc: 2.1N, 94.6E OFF W. COAST OF NORTHERN SUMATRA H= 02h 05m 35.3s Depth= 20 Km (USCGS) Mag= 6.4 MS=7.7 (CGS) Mag= 7.5 (PAS)Mag=8.2(GOL)

PBA 1P 02 07 58

MDR 1P 02 09 44 D 17.9
1S 12 53

VIS 1P 02 09 58 CN 19.1
1S 13 30

KOD 1P 02 09 58.9 SE

CAL 1P 02 10 25 E

BOK 1P 02 10 43 E 23.5
eS 14 59

TOC 1P 02 10 56.3 24.9
eS 15 18.0

GOA 1P 02 10 59.0 SE 25.2
eS 15 21.8

CHA 1P 02 11 08 E

POO 1P 02 11 11.0 D

BOM 1P 02 11 21 SE 27.2
1S 15 53

SEH 1P 02 11 23 C 27.4

NDI 1P 02 11 55.8 DS 31.4
1S 16 59

DDI 1P 02 12 06.1 32.6
eS 17 06.6

21 SHL 1P 06 43 59.0 C

21 NDI i 07 32 25.3

21 Epc: 8.1N, 146.8E CAROLINE ISLANDS REGION H= 07h 26m 35.4s Depth=Normal (USCGS) Mag= 4.8 (CGS)

CHA 1P 07 36 41 D

NDI eP 07 37 37

21 CHA eP 08 01 55 D

21 Epc: 43.7N, 147.9E. KURIL ISLANDS H= 08h 12m 31.6s Depth= 63Kms. (USCGS) Mag= 4.7 (CGS)

NDI eP 08 22 14.5

POO eP 08 23 13

NOVEMBER, 1969

- 18 -

DATE	STN	PHASE	H.	M.	S.	Mag.	Other
21	CHA	iP	08	52	53	C	
21	Epc: 43.4N, 147.9E. KURIL ISLANDS H= 08h 57m 15.2s Depth=40Kms (USCGS) Mag= 4.7 (CGS)						
	NDI	eP	09	07	02		
21	Epc: 43.6N, 147.5E KURIL ISLANDS H= 11h 20m 39.3s Depth= Normal (USCGS) Mag= 4.5 (CGS)						
	NDI	eP	11	30	26		
21	SHL	iP	12	55	42.3	C	DSW Felt Locally 5.4
	CHA	iP	12	56	33.4	C	
	S			57	36.8		
	NDI	eP	12	58	32		
	e		13	00	50		
21	CHA	iP	13	58	09	C	
21	SHL	eP	14	02	00		
	CHA	iP	14	02	30	D	
21	NDI	e	14	47	17		
21	POO	ePg	16	17	11		1.1
	eSg			17	25.5		
	eSn			17	28		
21	POO	ePg	16	19	43		1.1
	eSg			19	56.5		
	eSn			19	58.5		
21	NDI	eP	16	36	30		
	e			36	36		
21	NDI	e	16	43	56		
	e			43	58		
21	SHL	ePn	17	08	34		4.6
	eSn			09	29		
	eSg			09	55.5		
21	Epc: 44.0N, 147.7E KURIL ISLANDS. H= 17h 21m 31.7s Depth= 40 Kms. (USCGS) Mag= 4.2 (CGS)						
	NDI	eP	17	31	17	C	
	POO	eP	17	32	15		
21	NDI	eP	18	29	11		
	e			30	45		
21	CHA	iP	20	42	18	C	
21	POO	eP	20	44	15		
21	CHA	iP	21	09	55	C	
21	NDI	iPg	21	38	45.5		DNW 0.46
	iSg			38	51.5		M= 3.1

DATE	STN	PHASE	H.	M.	S.	Mag.	Other
22	NDI	eP	03	41	52		
	i			43	25		
22	Epc: 28.2S, 177.2W KERMADEC ISLANDS REGION H= 05h 00m 39.6s Depth= 65 Kms, (USCGS) Mag= 5.2 (CGS)						
	NDI	iPKP	05	19	15		
22	NDI	eP	06	28	37		
22	NDI	eP	06	59	22		8.6
	eS		07	01	01		
22	Epc: 1.5N, 94.4E. OFF W. COAST OF NORTHERN SUMATRA H= 07h 49m 29.1s Depth= Normal (USCGS) Mag= 4.7 (CGS)						
	PBA	iP	07	51	51	D	
	KOD	eP	07	53	52		
	SHL	iP	07	54	41.2	DS	24.0
	eS			58	59.8		
	POO	eP	07	55	05		
	NDI	eP	07	55	50.2	C	
	KOD	eS	07	57	07.5		
22	Epc; 2.9S 139.2E NEAR N. COAST OF WEST NEW GUINEA H= 08h 35m 21.7s Depth= Normal (USCGS)						
	NDI	iP	08	46	14.5		
22	SHL	iP	10	45	55.2	CNE	
	CHA	iP	10	46	33	D	
22	EPC: 47.1N, 154.2E. Kurile islands H= 11h 23m 18.4s Depth= 60 Kms. (USCGS) Mag= 4.6 (CGS)						
	NDI	eP	11	33	27		
22	NDI	i	12	45	51		
22	SHL	eP	14	37	12		7.2
	eS			38	35		
22	CHA	iP	15	03	37.7	D	3.7
	eS			04	21.2		
22	NDI	eP	15	05	09		
22	Epc: 6.9S, 127.4E BANDA SEA H= 15h 02m 22.9s Depth= 330 Km (USCGS) Mag= 5.3 (CGS)						
	SHL	iP	15	10	26.7	DSE	47.6
	eS			16	50		
	CHA	iP	15	10	59	C	

NOVEMBER, 1969

- 19 -

DATE	STN	PHASE	H.	M.	S.	Δ	Deg.
	NDI	1P	15	11	56.0	DSE	60.1
		1S		19	38		
22	CHA	eP	19	06	00		
22	SHL	1P	20	19	44.0	CSE	
22	CHA	1P	20	20	33.5	C	5.3
			21	35.6			
22	NDI	ePn	20	25	06		7.4
		eSn?		20	32		
22	NDI	eP	21	01	02		9.4
		eS		23	02 49		
22	Epc: 57.6N, 163.5E. NEAR EAST COAST OF KAMCHATKA TSUNAMI HEIGHTS (CREST TO TROUGH IN METEKS) SHEMA. 52, ATTU. 40, ADAK. 27. H= 23h 09m 37.2s Depth= normal (USCGS) Mag=6.3 MS= 7.3 (CGS) Mag=7.1 (PAS) Mag= 7(BRK) Mag= 7.1 (GOL)						
	TOC	eP	23	19	22.4		57.1
		eS		27	18.0		
	SHL	eP	23	19	33		
	CHA	1P	23	19	47	CSW	60.6
		S		28	00		
	DDI	1P	23	19	57.4	C	62.2
		1S		28	22.5		
	BOK	1P	23	20	06	CSW	63.4
		1S		28	35		
	CAL	eP	23	20	06		
	NDI	1P	23	20	09.5	CSW	64.0
		1S		28	48	M= 7.8	
	VIS	1P	23	20	38	DNE	68.5
		1S		29	36		
	SEH	1P	23	20	39	D	68.6
		eS		29	41		
	PBA	1P	23	20	47	CS	69.9
		1S		29	55		
	POO	1P	23	21	13.0	C	
	BOM	1P	23	21	14	CSW	74.5
		1S		30	41		
	MDR	1P	23	21	20	C	77.3
		1S		31	13		
	KOD	1P	23	21	41	C	79.3
		1S		31	38		
	GOA	1P	23	21	50.8	SW	
	TRD	1P	23	21	51	W	81.2
		1S		32	00		

DATE	STN	PHASE	H.	M.	S.	Δ	Deg.
23	NDI	ePn	01	36	25.0		6.4
		eSn		36	40.5		
23	SHL	1Pn	03	43	40.5	D	1.5
		eSn		44	01.5		
		Sg		44	07.5		
23	SHL	1P	04	35	08.4	DS	23.7
		eS		39	21		
	CHA	1P	04	35	31	C	
	POO	eP	04	35	48		
	NDI	e	04	36	20		
23	NDI	ePn	06	42	29.8		3.5
		ePg		42	39.8		
		eSn		43	11		
		eSg		43	28.8		
23	POO	eP	06	47	32		
23	Epc: 43.5N, 147.7E KURIL ISLAND H= 07h 08m 45.4s Depth= 45 Kms (USCGS) Mag= 4.5 (CGS)						
	SHL	1P	07	17	25.2	CW	
	NDI	1P	07	18	30		
23	NDI	eP	09	22	38		8.8
		1S		24	19		
23	CHA	1P	10	12	18	D	
23	BOM	e	10	21	-		
23	Epc: 38.3N, 55.5E. IRAN-USSR BORDER REGION H=11h 40m 45.1s Depth= 38Kms, (USCGS) Mag= 4.9 (CGS)						
	NDI	eP	11	45	20		
	KOD	1P	11	47	31.0	C	
	BOM	eS	11	50	40		
23	POO	ePg	16	36	52		
23	CHA	1P	17	02	27.3	C	1.8
		eS		02	51.1		
23	TOC	ePn	17	35	28.2		
	SHL	ePn	17	35	36		3.6
		eSn		36	19.5		
	CHA	eP	17	36	31		
23	NDI	e	18	19	55		
23	CHA	1P	19	49	55	D	
23	NDI	eP	19	50	40		
24	PBA	e	00	11	40		



NOVEMBER, 1969

- 20 -

DATE	STN	PHASE	H.	M.	S.	∠	Deg.
24	Epc: 30.6N, 98.9E TIBET H=02h 01m 09.0s Depth= 12 Km (USCGS) Mag= 4.6 (CGS)						
	TOC	eP	02	02	53.0		7.1
		eS		04	10.0		
	CHA	1P	02	03	50	C	11.0
		eS		05	50		
	NDI	eP	02	05	31		
24	KOD	1P	05	01	36.4	CSE	
24	CHA	eP	08	15	10		
24	CHA	eP	13	50	22		
	SHL	1P	13	51	29.5	D	
	KOD	eP	13	51	30.3	W	
	NDI	e	13	52	53		
24	Epc: 38.4N, 55.2E. IRAN USSR BORDER REGION H= 15h 44m 23.2 Depth= 49(USCGS) Mag=4.8(CGS)						
	NDI	eP	15	48	01		
	CHA	eP	15	50	22		
24	CHA	1P	16	04	18	C	
24	Epc: 37.2N, 71.7E AFGHANISTAN USSR BORDER REGION Felt in TADZHIKISTAN H=17h 23m 20.2s Depth= 123Kms (USCGS) Mag= 5.6 (CGS)						
	BHK	eP	17	25	01.0		7.0
		eS		26	20.6		
	DDI	1P	17	25	21.3	C	8.5
		1S		26	56.8	M= 7.0	
	NDI	eP	17	25	33	CSE	9.3
		eS		27	18		
	SEH	eP	17	26	40		14.5
		1S		29	14		
	BNS	1P	17	26	55.2	CS	
		eS		29	38.0		
	CHA	1P	17	27	06	DN	16.5
		S		29	58	M= 7.0	
	BOK	1P	17	27	21	CSE	17.9
		1S		30	39		
	BOM	1P	17	27	27	CS	18.2
		1S		30	49		
	POO	1P	17	27	28.0		18.3
		eS		30	49		
	CAL	1P	17	27	52	SE	20.5
		eS		31	31		
	SHL	1P	17	27	52.2	CSE	20.5

DATE	STN	PHASE	H.	M.	S.	∠	Deg.
		1S		31	28.5		
	GOA	1P	17	28	03.7	D3	21.6
		1S		31	56.7		
	VIS	1P	17	28	04	DW	21.7
		1S		31	58		
	TOC	eP	17	28	06		
	MDR	eP	17	28	35		24.9
		1S		32	51		
	KOD	1P	17	28	57	CSE	27.2
		1S		33	26		
	TRD	eP	17	29	06		28.2
		1S		33	50		
	PBA	1P	17	29	35	CE	31.5
		1S		34	39		
24	NDI	eP	17	32	40		
24	Epc: 18.0S, 178.4W FIJI ISLANDS REGION H=21h 31m 17.6s Depth= 593 Kms, (USCGS) Mag= 5.4(CGS)						
	SHL	1P	21	43	49.5	DSE	
	CHA	eP	21	44	10		
		1PKP		48	30		
	MDR	ePKP	21	48	37		
		e		54	04		
	NDI	ePKP	21	48	44		
24	DDI	eP	22	16	35.6		
		1		18	15.5		
	NDI	eP	22	16	50		8.7
		eS		17	30		
	CHA	1P	22	18	20	D	
24	Epc: 36.2N, 153.6W. KODIAK ISLAND REGION H=22h 51m 50.1s Depth= Normal (USCGS) Mag=5.5 MS=5.7(CGS) ML= 6.0(CGS) Mag= 5.4(BRK) Mag= 5.7 (GOL)						
	SHL	1P	23	04	04.7	CS	81.3
		eS		14	13		
	CHA	1P	23	04	13	C	83.0
		S		14	31		
	DDI	1P	23	04	15.3	C	
	NDI	eP	23	04	23	C	84.9
		eS		14	46		
	BOK	1P	23	04	28	CSE	85.9
		S		14	52		
24	CAL	eP	23	04	35		87.4
		1S		15	13		

NOVEMBER, 1969

- 21 -

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DATE	STN	PHASE	H.	M.	S.	∠ Deg.	DATE	STN	PHASE	H.	M.	S.	∠ Deg.	
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	POO	eP	23	05	13		25	CHA	1P	21	08	32	D	
	BOM	eSKS	23	15	58		25	POO	ePg	21	22	47	1.1	
	MDR	eSKS	23	15	59				eSg		23	02		
	KOD	1	23	09	54.0	CS			eSn		23	04		
	PBA	1SKS	23	15	36		25	Epc: 3.5S, 138.5E. WEST NEW GUINEA H= 21h 51m 04.2s Depth= 52Kms, (USCGS) Mag= 5.2 (CGS)						
	GOA	eSKS	23	16	01.0			CHA	eP	22	01	14		
	TRD	eSKS	23	16	24			KOD	eP	22	01	26		
25	Epc: 30.58, 177.9W KERMADEC ISLANDS H= 04h 47m 41.4s Depth= 30Kms, (USCGS) Mag= 5.0 (CGS)							POO	eP	22	01	55		
	NDI	eP	08	06	20		25	TOC	ePn	22	18	53.2	2.4	
									eSn		19	23.5		
25	Epc: 38.3N, 55.5E IRAN-USSR BORDER REGION H= 09h 16m 07.3s Depth= Normal (USCGS) Mag= 4.8 (CGS)							SHL	eP	22	19	15	4.4	
	NDI	eP	09	20	44	20.4			eS		20	07		
		iS		24	18.5			CHA	1P	22	20	12	D	
25	NDI	i	10	14	02.5		25	EPC: 5.0S, 153.5E. NEW IRELAND REGION H= 22h 31m 07.1s Depth= 72Kms, (USCGS) Mag= 4.8 (CGS)						
25	NDI	e	11	02	43			SHL	1P	22	41	55.0		
25	Epc: 10.9N, 143.8E. SOUTH OF MARIANA ISLANDS H= 15h 19m 46.6s Depth= Normal (USCGS) Mag= 4.8 (CGS)							CHA	1P	22	42	24	C	
	CHA	1P	15	29	24	D		KOD	eP	22	42	58.0		
25	NDI	1P	15	49	06.0	8.6		NDI	1P	22	43	13		
		eS		50	45			POO	eP	22	43	21		
25	NDI	e	17	51	00.5		26	NDI	e	01	46	50		
25	EPC: 43.4N, 147.7E KURIL ISLANDS H= 19h 32m 59.2s Depth= Normal (USCGS) Mag= 4.8 (CGS)							26	NDI	e	02	17	25	
	SHL	1P	19	41	40.0	C		26	NDI	1P	04	17	09.1 D	
	CHA	1P	19	42	03	D		26	NDI	e	09	12	54	
	NDI	1P	19	42	45.5	CS		26	NDI	eP	09	58	18	40.3
	KOD	eP	19	44	02.5				eS		10	04	26	
25	SHL	1Pn	19	49	38.6	D	1.5	26	EPC: 16.8S, 167.7E. NEW HEBRIDES ISLANDS Felt at Port VILA H= 12h 44m 04.7s Depth= 33 Kms, (USCGS) Mag=5.4 MS=6.0 (CGS) MAG= 6.3(PAS), 6(BRK), 6.3 (GOL)					
		iSn		49	59.0				CHA	eP	12	55	57	
	CHA	1P	19	50	34	D			SHL	1P	12	56	38.2 D	85.0
	NDI	ePn	19	52	00.5	2.76			iS		13	07	06	
		eSn		52	35				NDD	eP	13	56	52	
25	NDI	eP	21	03	51.5	8.7			BOK	eP	12	57	01	
		iS		05	31.5				KOD	eP	12	57	22	
	CHA	1P	21	05	29	D								

NOVEMBER, 1969

- 22 -

DATE	STN	PHASE	H.	M.	S.	△ Deg.
26	NDI	eP	13	01	13	
26	P00	eP	13	02	03	
26	MDR	e	13	07	12	
		e		14	21	
26	BOM	eP	13	08	31	
		e		10	55	
26	Epc: 16.8S, 167.8E. NEW HEBRIDES ISLANDS H= 14h 27m 20.4s Depth= 34 Kms, (USCGS) Mag= 5.3 (CGS)					
	SHL	1P	14	39	54.0	D
26	SHL	1Pn	15	34	08.7	DNE 1.3
		1Sn		34	27.0	
26	SHL	1Pn	16	00	12.0	DNE 1.3
		1Sn		00	30.3	
26	Epc: 58.8S, 24.9W SOUTH SANDWICH ISLANDS REGION H=18h 15m 12.6s Depth= Normal(USCGS) Mag= 5.1 (CGS)					
	CHA	1P	18	34	11	C
26	Epc: 58.8S, 24.7W SOUTH SANDWICH ISLANDS REGION H= 18h 26m 08.9s Depth= Normal(USCGS) Mag= 5.4 (CGS)					
	NDI	ePKP	18	44	56	
	CHA	1PKP	18	45	07	D
	SHL	1PKP	18	45	07.3	C
26	BOK	e	18	46	31	
26	MDR	e	18	48	36	
		e		54	27	
		e		19	16	34
26	BOM	eP	18	51	10	
		e		54	37	
26	Epc: 17.9S, 65.4E. MASCARENE ISLANDS REGION H= 22h 37m 56.0 Depth= 27 Kms, (USCGS) Mag= 5.0 (CGS)					
	BOK	eS	22	53	13	
	NDI	eP	22	46	32	47.8
		1S		53	27	
	CHA	eP	22	46	49	
	SHL	eP	22	46	50	50.2
		eS		54	04	
26	BOM	eP	22	47	04	
		e		50	58	
26	TRD	e	22	48	47	
		M		53	54	

DATE	STN	PHASE	H.	M.	S.	△ Deg.
26	P00	eP	22	50	58	
26	NDI	eP	23	53	36	7.8
		eS		55	06	
	CHA	1P	23	54	30	D
27	NDI	1P	00	39	01	C
27	Epc: 14.3N, 93.2W NEAR COAST OF CHIAPAS, MEXICO H= 01h 39m 13.2s Depth= 46Kms. (USCGS) Mag= 4.7 (CGS)					
	NDI	1PKP	01	58	36	
27	CHA	1P	02	54	59	C
27	PBA	eP*	15	57	41	1.1
		PP		57	48	
		PPP		57	54	
		1S*		57	57	
		SS		58	09	
27	SHL	1P	16	00	18.0	D 11.9
		eS		02	33	
	NDI	eP	16	00	28	
	CHA	1P	16	00	54	C
	BOM	e	16	02	-	
	NDI	eP	16	02	09	
	MDR	eP	16	02	29	
27	KOD	eP	16	03	38	
27	NDI	eP	16	06	06	
27	BOK	e	16	06	59	
27	DDI	1P	16	37	33.4	D 2.9
		1S		38	09.6	M= 5.0
	NDI	ePn	16	37	44	3.4
		1Pg		37	56.5	M= 4.2
		i		38	01	
		1Sn		38	26	
		1Sg		38	45	
	BNS	ePn	16	37	47	4.2
		1Sn		38	37	
	CHA	1P	16	38	08.4	C 5.4
		eS		39	12.2	M= 4.75
	SEH	eP	16	38	32	7.2
		eS		39	55	
	SHL	eP	16	39	03.4	8.8
		eS		40	44	
		es		40	48	
	KOD	eP	16	41	11	
	BOM	eP	16	41	31	

NOVEMBER, 1969

- 23 -

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DATE	STN	PHASE	H. M. S.	∠ Deg.	DATE	STN	PHASE	H. M. S.	∠ Deg.	
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	CAL	e	16 41 37			BOK	1P	13 56 18	W	
	BOK	eP	16 42 37			HDR	eP	13 56 22	53.6	
27	CHA	eP	18 14 51				eS	14 03 39		
27	CHA	1P	18 46 29	C		CHA	1P	13 56 23	C	
27	Epc: 16.9S, 167.7E NEW HEBRIDES ISLANDS H= 19h 47m Depth= 30 Kms, (USCGS) 53.6s Mag= 5.0 (CGS)						KOD	eP	13 56 33.5 D	
	SHL	1P	20 00 27.5	C		BOM	1P	13 57 20	CW 61.8	
							eS	05 26		
27	Epc: 16.9S, 167.8E. NEW HEBRIDES ISLANDS H= 19h 55m 11.3s Depth= 30 Kms, (USCGS) Mag= 4.8 (CGS)						NDI	1P	13 57 20.5 CN 61.9	
	SHL	1P	20 07 45.3	D			eS	14 05 29		
27	SHL	1P	21 05 47.5	D	3	DDI	1P	13 57 22.3	C	
	CHA	1P	21 06 19	D		28	Epc: 16.9S, 167.8E. NEW HEBRIDES ISLANDS H= 14h 13m 16.5s Depth= 22Kms, (USCGS) Mag= 5.0 (CGS)			
	NDI	1P	21 07 16.0	DE			SHL	1P	14 25 51.0 C	
27	CHA	eP	22 10 23				NDI	eP	14 26 31	
27	CHA	eP	23 30 39			28	SHL	1Pg	16 22 56.0 DNE 0.98	
27	SHL	1P	23 45 58	C				1Sg	23 08.8	
	CHA	1P	23 45 21	D		28	NDI	1P	19 05 11.3 DSE	
	NDI	eP	23 47 09					e	06 54	
28	Epc: 36.7N, 54.2E IRAN IRAQ BORDER REGION Felt in North Western IRAN H= 01h 29m 28.1s Depth= 16 Kms (USCGS) Mag= 4.7 (CGS)						28	BOM	e	19 10 40
	CHA	1P	01 36 28	D		28	Epc: 41.4N, 142.4E. HOKKAIDO, JAPAN REGION Felt at URAKAWA H= 20h 20m 01.3s Depth= 60 Kms (USCGS) Mag= 4.6 (CGS)			
28	SHL	1Pn	04 49 33.5	D 1.1			SHL	1P	20 28 08.3	
		1Sn	49 50.0				CHA	1P	20 28 32 C	
28	CHA	1P	07 46 58	D			NDI	1P	20 29 19.5 CN	
	SHL	eP	07 47 23.5			28	NDI	1	21 03 29	
28	CHA	1Pg	08 04 08.8	D 0.6		28	SHL	1P	22 30 31.2 D	
		eSg	04 16.5			28	SHL	ePn	23 15 23.5	
								eSn	16 11	
28	PBA	e	08 27 57					eSg	16 27	
28	SHL	1P	08 31 00	C		29	PBA	ePg	00 01 06	
	VIS	eP	08 32 20					PPP	01 13	
28	NDI	1	13 09 55					1Sg	01 20	
28	Epc: 6.9S, 129.7E. BANDASRA Depth= 75 Kms H= 13h 47m 08.9s (USCGS) Mag= 5.6 (CGS)								SS	01 34
	SHL	1P	13 55 49.5	CNW				SSS	01 45	
	CAL	1P	13 56 02			29	Epc: 19.2S, 69.4W NORTHERN CHILE H= 03h 14m 04.1s Depth= 108Kms, (USCGS) Mag= 4.3(CGS)			
	VIS	1P	13 56 13	DE			POO	eP	03 33 31	
							NDI	eP	03 33 39	

NOVEMBER, 1969

DATE	STN	PHASE	H.	M.	S.	/ Deg.	DATE	STN	PHASE	H.	M.	S.	/ Deg.	
29	Epc: 7.4S, 128.2E BANDA SEA H=04h 17m 38.9s Depth=82Kms (USCGS) Mag=5.4(CGS)								Dep-th= 0 Km. (USCGS) Mag= 6.0 (CGS)					
	SHL	iP	04	26	13.2	D		DDI	eP	03	37	27.1		
	CHA	iP	04	26	46			NDI	iP	03	37	46.0	CSW 21.6	
	POO	eP	04	27	34				eS			41 46		
	NDI	iP	04	27	43.2	CW		CHA	iP	03	38	15	S 24.5	
29	NDI	e	06	23	43				S			42 35		
29	NDI	e	06	26	24			BNS	iP	03	38	22.8		
29	SHL	eP	07	33	46	2.5		SHL	iP	03	38	35.3	CS	
		iS		34	18			BOK	eP	03	38	39	27.1	
29	SHL	ePn	07	42	31.4	2.4			eS			43 15		
		iSn		42	02.0			SEH	iP	03	38	40	C	
20	NDI	e	09	36	05			BOM	iP	03	39	20	CS	
29	NDI	ePg	14	17	31.7	0.11		POO	iP	03	39	23.2	C	
		eSg		17	33			MDR	iP	03	40	08	C 37.3	
29	Epc: 46.6N, 154.1E. KURIL ISLANDS REGION H= 16h 11m 25.9s Depth= 53 Kms. (USCGS) Mag= 4.7 (CGS)								eS			45 59		
	SHL	iP	16	20	40.0	D	30	SHL	iP	07	18	43.0	D	
	NDI	eP	16	21	35		30	DDI	eP	15	14	47.3		
	POO	eP	16	22	34.5				i			15 42.8		
29	Epc: 33.3N, 132.3E SHIKOKU JAPAN H= 16h 43m 15.7s Depth= 48 Kms. (USCGS) Mag=5.1(CGS)								NDI	e	15	15	06	
	NDI	eP	16	51	42				e			16 28		
	POO	eP	16	52	37			CHA	iP	15	15	18	C	
29	NDI	ePg	17	40	45.6	0.38		BOK	iP	15	17	12		
		eSg		40	50.5			30	SHL	1 Pg	18	33	31.4	CSW 0.51
29	NDI	iPg	18	03	27.5	D 0.13			Sg			33 38.0		
		iSg		03	29.1	M= 1.3		CHA	iP	18	34	39	C	
29	Epc: 2.2N, 126.5E. MOLUCCA PASSAGE H= 18h 29m 07.8s Depth= 101 Kms. (USCGS) Mag= 5.2 (CGS)							30	CHA	iP	19	03	19	D
	SHL	eP	18	26	39.5			30	DDI	iP	19	09	59.1	D
	NDI	eP	18	38	22				i			10 10.4		
	POO	eP	18	38	23			NDI	e	19	10	30		
29	NDI	i	18	50	19.2				e			11 01		
30	NDI	e	00	19	03			30	NDI	e	19	16	28	
30	NDI	ePg	01	22	54	0.35		30	Epc: 7.1S, 128.0E. BANDA SEA H= 20h 01m 40.6s Depth= 44Kms. (USCGS)					
		eSg		22	58.5			NDI	NDI	eP	20	11	49	
30	Epc: 49.9N, 79.0E. EASTERN KAZAKH SSR H= 03h 32m 57.2s							30	CHA	iP	20	59	41.4	D 1.5
									PP			59 47.7		
									PPP			59 53.8		
									S			21 00 00.9		
								30	SHL	iPg	21	57	15.4	DNE 1.1
									iSg			57 29.4		
								30	CHA	iP	21	58	10	C

NOVEMBER, 1969

- 25 -

MICROSEISM TABULATION

STATION : BOKARO					STATION : BOKARO				
DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude A in mm.	MEAN Period in sec.
01	00	3	0.3	5.6	12	00	3	0.3	4.2
	06	3	0.3	5.1		06	3	0.2	4.9
	12	...	-	-		12	3	0.1	4.8
	18	3	0.3	5.7		18	3	0.1	5.2
02	00	3	0.3	4.7	13	00	3	0.1	4.6
	06	3	0.3	4.7		06	3	0.1	4.5
	12	3	0.3	5.4		12	3	0.1	5.2
	18	3	0.3	5.5		18	3	0.1	5.2
03	00	3	0.3	4.7	14	00	3	0.1	4.6
	06	3	0.2	4.8		06	3	0.1	4.9
	12	3	0.2	5.0		12	3	0.1	4.8
	18	3	0.3	5.0		18	3	0.1	5.0
04	00	3	0.2	4.8	15	00	3	0.1	5.0
	06	3	0.3	4.5		06	3	0.1	4.4
	12	3	0.3	4.6		12	3	0.1	4.4
	18	3	0.2	4.6		18	3	0.1	4.6
05	00	3	0.3	4.5	16	00	3	0.1	3.7
	06	3	0.3	4.8		06	3	0.1	4.0
	12	3	0.4	4.4		12	3	0.1	4.0
	18	3	0.5	4.6		18	3	0.1	4.2
06	00	3	0.9	4.3	17	00	3	0.1	4.2
	06	1	1.2	4.4		06	3	0.1	3.2
	12	1	3.1	4.2		12	3	0.1	3.8
	18	1	3.3	4.6		18	3	0.1	3.8
07	00	1	2.9	4.9	18	00	3	0.1	3.5
	06	2	3.7	4.9		06	3	0.1	3.5
	12	2	11.2	4.8		12	3	0.2	3.5
	18	2	2.7	4.8		18	3	0.1	3.4
08	00	3	1.4	4.3	19	00	3	0.1	3.5
	06	3	1.1	4.3		06	3	0.1	3.0
	12	3	0.7	4.4		12	3	0.2	3.4
	18	3	0.5	4.1		18	3	0.1	3.6
09	00	3	0.5	3.6	20	00	3	0.1	3.2
	06	3	0.3	3.9		06	3	0.1	3.6
	12	3	0.3	3.9		12	3	0.2	4.1
	18	3	0.3	4.2		18	3	0.1	3.5
10	00	3	0.2	4.4	21	00	3	0.1	3.3
	06	3	0.2	4.4		06	3	0.1	3.3
	12	3	0.2	4.8		12	3	0.2	4.1
	18	3	0.2	5.3		18	3	0.2	4.1
11	00	3	0.2	4.7	22	00	3	0.2	4.4
	06	...	-	-		06	3	0.3	4.1
	12	3	0.3	4.5		12	3	0.2	4.1
	18	3	0.3	4.7		18	3	0.1	3.6
					23	00	...	-	-
						06	3	0.1	3.4
						12	...	-	-
						18	3	0.1	4.0

NOVEMBER, 1969

- 26 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	00	3	0.2	3.5	06	3	0.3	5.6	
	06	3	0.2	3.9			0.3	2.7	
	12	3	0.1	3.8	12	3	0.3	5.7	
	18	...	-	-			0.3	2.7	
25	00	...	-	-	18	3	0.3	5.8	
	06	3	0.1	4.0			0.3	2.4	
	12	3	0.2	4.5	05	00	0.3	5.9	
	18	3	0.3	5.0		06	0.3	5.5	
26	00	3	0.3	4.5			0.3	2.9	
	06	3	0.3	4.4			0.2	1.7	
	12	3	0.3	4.8	12	3	0.3	5.5	
	18	3	0.3	4.9			0.3	3.0	
27	00	3	0.3	4.5	18	3	0.3	5.6	
	06	...	-	-			0.3	2.9	
	12	3	0.2	4.5	06	00	0.7	4.6	
	18	3	0.3	4.8		06	0.2	1.9	
28	00	3	0.3	4.8			0.6	4.6	
	06	3	0.3	4.7			0.3	3.0	
	12	3	0.3	4.9	12	1	1.3	4.9	
	18	3	0.1	4.6		18	1	1.7	
29	00	3	0.2	4.0	07	00	1	2.6	
	06	3	0.1	4.2		06	1	4.3	
	12	3	0.1	4.2		12	1	5.1	
	18	3	0.1	4.5		18	1	2.3	
30	00	3	0.3	4.9	08	00	1	1.7	
	06	3	0.1	4.5		06	1	1.1	
	12	3	0.2	4.9		12	1	0.7	
	18	3	0.3	5.1		18	3	0.5	
STATION: BOMBAY								0.2	2.0
01	00	3	0.3	5.9	09	00	Shock in Progress		
	06	2	0.3	5.3		06	3	0.4	4.0
	12	Shock in Progress						0.3	1.8
	18	3	0.3	5.4		12	1	0.3	1.8
			0.2	1.8		18	1	0.3	1.8
02	00	3	0.3	5.3	10	00	1	1.0	2.3
			0.2	2.0		06	1	1.3	2.5
	06	3	0.3	5.3		12	3	0.4	5.6
			0.2	2.0		18	3	0.4	2.3
	12	3	0.3	5.3				0.4	5.6
			0.2	2.1	11	00	3	0.4	5.7
	18	3	0.3	5.6				0.3	2.1
			0.3	2.4		06	Shock in Progress		
03	00	3	0.3	5.4		12	3	0.3	5.3
			0.3	2.6				0.3	2.3
	06	3	0.3	5.5		18	3	0.4	5.3
			0.3	2.5				0.4	2.3
	12	3	0.3	5.3	12	00	3	0.3	5.6
			0.3	2.6		06	3	0.3	5.5
	18	3	0.3	5.2				0.3	4.3
			0.3	2.4		12	3	0.3	5.5
04	00	3	0.3	5.6		18	3	0.3	5.1
			0.3	2.4				0.3	2.4

NOVEMBER, 1969

- 27 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
13	00	3	0.3	5.9	21	00	3	0.3	2.9
			0.3	4.1				0.2	2.1
	06	3	0.3	5.9		06		Shock in Progress	
	12	3	0.3	6.2		12	2	0.3	3.1
	18	3	0.3	6.2		18	2	0.3	3.2
14	00	3	0.3	6.3	22	00	2	0.3	3.2
	06	3	0.3	5.9		06	2	0.3	3.2
			0.2	2.2		12	2	0.3	3.2
	12	Shock in Progress				18	2	0.3	3.1
	18	3	0.3	5.1	23	00	Shock in Progress		
			0.2	2.1		06	2	0.3	3.0
15	00	3	0.3	5.2		12	Shock in Progress		
			0.2	2.2		18	3	0.3	3.2
	06	3	0.3	5.3				0.2	1.8
			0.2	2.3	24	00	3	0.3	2.9
	12	3	0.3	5.4				0.2	1.9
			0.2	2.3		06	3	0.3	2.9
	18	3	0.3	5.4		12	3	0.3	2.8
			0.3	2.4		18	2	0.3	2.0
16	00	3	0.3	5.4	25	00	Shock in Progress		
			0.3	2.4		06	2	0.3	2.4
	06	3	0.3	5.2		12	2	0.3	2.4
			0.2	2.1		18	2	0.3	2.1
	12	3	0.3	5.2	26	00	2	0.5	2.5
			0.2	2.1		06	2	0.3	2.5
	18	3	0.3	5.3		12	3	0.3	4.7
			0.3	2.2		18	3	0.3	2.5
17	00	3	0.3	5.3				0.3	2.5
			0.3	2.4	27	00	3	0.3	5.0
	06	3	0.3	2.9		06	3	0.3	1.5
			0.2	2.0				0.2	1.5
	12	2	0.3	3.0		12	3	0.3	4.9
	18	2	0.3	3.1		18	3	0.3	5.0
18	00	2	0.3	3.3				0.2	1.8
	06	2	0.3	3.3	28	00	3	0.3	5.0
	12	3	0.3	3.5		06	3	0.3	5.0
			0.2	2.2		12	3	0.3	5.0
	18	3	0.3	3.5		18	2	0.3	5.1
			0.3	2.1	29	00	2	0.3	5.0
19	00	3	0.3	3.6		06	3	0.3	5.0
			0.2	2.2		12	3	0.3	5.0
	06	3	0.3	3.6		18	2	0.3	5.1
			0.3	2.5	30	00	3	0.3	4.9
	12	2	0.3	3.0		06	2	0.3	5.0
	18	2	0.3	3.2		12	2	0.3	5.0
20	00	2	0.3	3.0		18	3	0.3	4.9
	06	3	0.3	3.9				0.2	2.9
			0.3	2.6		30	00	3	0.3
	12	3	0.3	3.7				0.2	2.9
			0.3	2.5				0.3	4.9
	18	3	0.3	2.7				0.2	2.9
			0.3	2.0				0.3	4.9

NOVEMBER, 1969

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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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Cont	06	3	0.3	5.1	09	00	3	0.3	3.5
			0.3	3.0		06	3	0.5	3.0
	12	3	0.5	3.1		12	3	0.5	4.0
	18	3	0.5	3.0		18	3	0.4	3.5
STATION : CALCUTTA					10	00	3	0.4	4.0
01	00	3	0.2	0.6		06	3	0.4	0.6
			0.5	6.0				0.2	4.0
	06	3	0.4	0.6		12	3	0.4	0.6
			0.5	5.0				0.4	4.0
	12	...	-	-		18	3	0.2	5.0
	18	3	0.3	0.6	11	00	3	0.3	6.0
			0.4	5.0		06	...	-	-
02	00	3	0.5	4.5		12	3	0.3	0.6
	06		0.3	0.4				0.3	5.0
			0.3	5.5		18	3	0.4	4.0
	12	3	0.3	1.0	12	00	3	0.4	1.0
			0.4	5.5				0.2	5.0
	18	3	0.3	0.6		06	3	0.3	0.6
			0.3	5.0				0.4	6.0
03	00	3	0.3	0.6		12	3	0.3	0.6
			0.4	5.5				0.4	5.0
	06	3	0.4	0.6	13	00	3	0.3	5.0
			0.4	5.5		06	3	0.3	1.0
	12	3	0.4	0.6				0.3	6.0
			0.4	5.0		12	3	0.3	0.3
	18	3	0.3	0.6				0.3	5.5
			0.4	5.5		18	3	0.4	5.5
04	00	3	0.2	0.6	14	00	3	0.4	5.5
			0.4	5.0		06	3	0.2	0.8
	06	3	0.2	0.6				0.2	5.5
			0.4	6.0		12	3	0.3	0.6
	12	3	0.3	3.5				0.4	4.5
	18	3	0.3	4.0		18	3	0.3	5.5
05	00	3	0.3	4.0	15	00	3	0.4	1.0
			0.4	0.6				0.3	5.5
	06	3	0.5	4.0		06	3	0.4	1.0
			0.4	0.6				0.3	4.0
	12	3	0.4	0.6		12	3	0.3	1.0
			0.8	2.0				0.3	4.0
	18	3	1.0	4.0		18	3	0.4	5.0
06	00	3	2.0	4.0	16	00	3	0.2	5.0
			3.2	4.0				0.3	4.5
	06	3	3.0	4.0		06	3	0.3	4.5
			3.0	4.0				0.3	4.5
	12	3	3.0	4.0		12	3	0.3	4.5
			3.6	4.5				0.4	4.5
	18	3	3.6	4.5	17	00	3	0.3	4.5
07	00	3	4.0	5.0				0.2	0.8
			-	-		06	3	0.3	4.0
	06	...	-	-				0.3	4.0
			6.0	4.0		12	3	0.2	1.0
	12	3	3.1	5.0				0.4	5.0
			3.1	5.0		18	3	0.4	4.0
08	00	3	2.2	4.0	18	00	3	0.3	4.0
			1.8	4.0					
	06	3	1.8	4.0					
			1.6	4.5					
	12	3	1.6	4.5					
			0.7	3.5					
	18	3	0.7	3.5					

NOVEMBER? 1969

- 29 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	06	3	0.4	4.0	Cont	06	3	0.2	0.6
	12	3	0.2	1.0		12	3	0.5	5.0
	18	3	0.4	4.0		18	3	0.2	1.0
19	00	3	0.3	4.0		18	3	0.5	5.0
	06	3	0.4	4.0	28	00	3	0.4	5.0
	12	3	0.2	0.5		06	3	0.2	0.6
	18	3	0.4	5.0		12	3	0.4	5.0
20	00	3	0.2	0.6		18	3	0.2	0.6
	06	3	0.3	4.0	29	00	3	0.2	5.0
	12	3	0.2	0.6		06	3	0.2	0.6
	18	3	0.3	4.0		12	3	0.3	5.0
21	00	3	0.3	3.0		18	3	0.2	5.0
	06	3	0.3	4.0	30	00	3	0.3	4.0
	12	3	0.3	4.0		06	3	0.2	5.0
	18	3	0.4	4.0		12	3	0.4	5.0
22	00	3	0.3	4.5		18	3	0.4	5.0
	06	3	0.3	3.5					
	12	3	0.3	4.5					
	18	3	0.3	4.0					
23	00	3	0.2	4.0					
	06	3	0.2	4.0					
	12	3	0.2	4.0					
	18	3	0.2	4.0					
24	00	3	0.3	4.0					
	06	3	0.3	5.0					
	12	3	0.3	5.0					
	18	3	0.3	5.0					
25	00	3	0.2	3.5					
	06	3	0.3	6.0					
	12	3	0.2	1.0					
	18	3	0.5	5.5					
26	00	3	0.5	5.0					
	06	3	0.2	1.0					
	12	3	0.5	4.5					
	18	3	0.2	0.6					
27	00	3	0.5	5.0					
	06	3	0.2	0.6					
	12	3	0.4	5.5					
	18	3	0.4	5.0					
	00	3	0.4	5.0					

STATION : GOA N-W.

01	00	...	-	-
02	18	...	-	-
03	00	...	-	-
	06	...	-	-
	12	...	0.4	5.0
	18	3	0.4	5.0
04	00	3	0.4	5.0
	06	3	0.4	5.0
	12	3	0.4	5.0
	18	3	0.4	5.0
05	00	3	0.5	5.0
	06	3	0.5	5.0
	12	3	0.4	5.0
	18	3	0.5	5.0
06	00	3	0.6	5.0
	06	3	0.9	4.8
	12	...	-	-
	18	...	-	-
07	00	...	-	-
	06	3	0.5	5.0
	12	3	0.5	5.0
	18	3	0.5	5.0

NOVEMBER, 1969

- 30 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
		...			19	00	3	0.5	3.8
		...				06	3	0.4	3.2
		...				12	3	0.4	3.8
		...				18	3	0.4	3.8
		...			20	00	3	0.5	3.4
		...				06	3	0.5	3.5
		...				12	3	0.4	3.6
		...				18	3	0.4	3.1
08	00	3	1.5	4.8	21	00	3	0.3	3.1
	06	3	0.8	4.2		06	...	-	-
	12	3	0.9	4.7		12	3	0.5	3.0
	18	3	0.7	3.3		18	3	0.5	3.2
09	00	...	-	-	22	00	3	0.3	3.0
	06	3	0.5	3.1		06	3	0.3	2.3
	12	3	0.3	2.2		12	3	0.4	3.1
	18	3	0.4	3.9		18	3	0.3	2.8
10	00	...	-	-	23	00	...	-	-
	06	3	0.4	3.5		06	3	0.2	2.8
	12	3	0.3	4.1		12	3	0.5	2.9
	18	3	0.3	3.5		18	3	0.5	2.9
11	00	3	0.4	3.7	24	00	3	0.8	3.0
	06	3	0.4	3.8		06	3	0.6	2.8
	12	3	0.4	5.0		12	3	0.5	2.9
	18	3	0.3	5.2		18	...	-	-
12	00	3	0.3	4.9	25	00	...	-	-
	06	...	-	-		06	3	0.4	3.0
	12	3	0.3	5.2		12	3	0.3	2.8
	18	3	0.2	5.5		18	3	0.4	2.9
13	00	3	0.3	5.4	26	00	3	0.4	2.9
	06	3	0.3	5.1		06	3	0.3	3.7
	12	3	0.3	6.0		12	3	0.2	4.2
	18	3	0.3	6.4		18	3	0.2	4.6
14	00	3	0.3	2.0	27	00	3	0.3	4.3
	06	3	0.2	2.1		06	3	0.2	4.5
	12	3	0.2	4.3		12	...	-	-
	18	3	0.2	2.0		18	...	-	-
15	00	3	0.2	5.0	28	00	...	-	-
	06	3	0.2	5.3		06	3	0.3	5.9
	12	...	-	-		12	...	-	-
	18	...	-	-		18	3	0.3	4.7
16	00	...	-	-	29	00	3	0.3	4.7
	06	...	-	-		06	3	0.2	2.8
	12	...	-	-		12	3	0.2	3.4
	18	3	0.3	4.3		18	3	0.3	4.8
17	00	3	0.3	3.6	30	00	3	0.3	5.2
	06	...	-	-		06	3	0.3	3.7
	12	3	0.4	3.8		12	3	0.2	5.1
	18	3	0.4	4.0		18	3	0.3	3.4
18	00	3	0.4	4.0					
	06	3	0.4	4.2					
	12	3	0.4	3.5					
	18	3	0.4	3.7					

STATION : MADRAS.

NOVEMBER, 1969

- 31 -

STATION : MADRAS					STATION : MADRAS				
DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
01	00	2	0.5	2.8	Cont	12	1	4.3	4.9
	03	2	0.5	2.8		13	1	4.1	5.0
	06	2	0.5	2.9		14	1	3.9	5.0
	12	...	Earthquake			15	1	4.0	5.0
	18	2	0.5	2.9		16	1	3.5	5.0
02	00	2	0.4	2.9		17	1	3.4	4.9
	03	2	0.4	2.9		18	1	3.2	5.0
	06	2	0.5	2.9		19	...	Earthquake	
	12	2	0.4	3.0		20	Surface wave Earthquake		
	18	2	0.5	3.0		21	1	3.0	4.9
03	00	2	0.4	3.0	08	00	1	2.5	4.8
	03	2	0.4	3.0		03	1	2.3	4.8
	06	2	0.5	3.0		06	1	2.0	4.9
	12	2	0.4	3.0		09	1	1.8	4.8
	18	2	0.4	3.0		12	1	1.5	4.7
04	00	2	0.4	3.0		15	1	1.3	4.6
	03	2	0.4	3.0		18	1	1.1	4.5
	06	2	0.4	3.0		21	1	1.1	4.6
	12	2	0.6	3.0	09	00	1	0.9	4.3
	15	2	0.7	3.0		03	1	0.8	4.4
	18	2	0.7	3.0		06	1	0.8	4.5
	21	2	0.7	3.2		12	1	0.7	4.2
05	00	1	0.8	3.2		18	2	0.5	2.9
	03	1	0.8	3.4		18	2	0.5	3.3
	06	1	0.8	3.5	10	00	2	0.5	3.3
	12	1	0.9	4.0		03	2	0.7	4.3
	15	1	0.9	4.1		"	2	0.5	3.1
	18	1	1.0	4.4		06	2	0.5	3.1
	21	1	1.2	4.6		12	2	0.4	2.9
06	00	1	1.5	4.7		18	2	0.4	3.1
	03	1	1.7	4.7	11	00	2	0.3	3.0
	06	1	1.9	4.8		03	2	0.3	3.0
	09	1	2.1	4.7		06	2	0.3	3.0
	12	1	2.4	4.7		12	2	0.3	3.0
	15	1	2.6	4.9		18	2	0.3	3.0
	18	1	3.1	5.0	12	00	2	0.3	3.1
	21	1	3.2	5.1		03	2	0.3	3.0
	22	1	4.2	5.1		06	2	0.3	3.0
	23	1	4.5	5.1		12	2	0.3	3.0
07	00	1	4.8	5.1		18	2	0.3	3.0
	01	1	4.8	5.1	13	00	2	0.3	3.0
	02	1	5.0	5.2		03	2	0.3	3.0
	03	1	6.3	5.2		06	2	0.3	3.0
	04	1	5.3	5.1		12	2	0.3	3.0
	05	1	5.8	5.1		18	2	0.3	3.0
	06	1	6.0	5.3	14	00	2	0.3	2.9
	07	1	6.0	5.3		03	2	0.3	3.1
	08	1	5.4	5.2		06	2	0.3	3.0
	09	1	4.9	5.3		12	2	0.3	2.9
	10	1	5.3	5.1		18	2	0.3	2.9
	11	1	4.7	5.1		18	2	0.2	2.6

NOVEMBER, 1969

- 32 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
15	00	2	0.2	2.6	24	00	...	Earthquake	
	03	2	0.2	2.6		03	1	1.0	2.9
	06	2	0.2	2.6		06	2	0.5	2.9
	12	2	0.2	2.8		12	2	0.5	2.9
	18	2	0.3	2.7		18	2	0.4	2.9
16	00	2	0.4	2.8	25	00	2	0.4	2.7
	03	2	0.4	2.8		03	2	0.4	2.9
	06	2	0.5	3.0		06	2	0.3	3.0
	12	2	0.6	3.1		12	2	0.3	2.8
	18	2	0.7	3.1		18	2	0.3	2.9
17	00	2	0.7	3.3	26	00	2	0.4	2.9
	03	2	0.9	3.3		03	2	0.4	2.8
	06	2	0.8	3.4		06	2	0.4	2.8
	12	2	0.9	3.4		12	2	0.4	2.8
	18	2	0.9	3.6		18	2	0.3	2.9
18	00	2	0.9	3.4	27	00	2	0.3	2.7
	03	2	0.9	3.2		03	2	0.3	2.8
	06	2	0.9	3.2		06	2	0.3	2.8
	09	2	0.9	3.3		12	2	0.2	2.7
	12	2	0.9	3.1		18	2	0.2	2.5
	15	1	0.9	3.3	28	00	2	0.2	2.6
	18	1	1.0	3.1		03	2	0.2	2.3
	21	1	1.0	3.3		06	2	0.2	2.4
19	00	1	1.0	3.3		12	2	0.2	2.2
	03	1	0.9	3.4		18	2	0.3	2.4
	06	1	1.0	3.2	29	00	2	0.5	2.4
	09	1	1.0	3.1		03	2	0.5	2.6
	12	1	1.0	3.1		06	2	0.5	2.6
	15	1	1.0	3.3		12	2	0.6	2.8
	18	1	1.0	3.3		18	2	0.7	2.9
	21	1	1.2	3.3	30	00	2	0.7	2.8
20	00	1	1.2	3.2		03	2	0.7	3.0
	03	1	1.2	3.2		06	2	0.7	3.0
	06	1	1.1	3.3		12	2	0.7	3.3
	12	1	1.0	3.3		18	2	0.7	3.4
	18	1	1.0	3.2	STATION: PORT BLAIR				
21	00	1	1.1	3.1	01	00	3	2.2	3.0
	03	...	Earthquake			06	3	3.2	3.0
	06	1	1.1	3.1		12	3	2.8	3.0
	12	1	1.2	3.1		18	3	2.8	3.0
	18	1	1.1	3.1	02	00	3	2.8	3.0
22	00	1	1.1	3.0		06	3	2.4	2.0
	03	1	1.1	3.0		12	3	2.4	2.0
	06	1	1.2	3.0		18	3	2.6	3.0
	12	1	1.3	3.0	03	00	...	-	-
	18	1	1.4	3.1		06	3	2.4	3.0
23	00	...	Earthquake			12	3	3.0	3.0
	03	1	1.0	2.9		18	3	2.8	3.0
	06	1	1.0	3.0	04	00	3	4.0	3.0
	12	1	0.8	2.9		06	3	5.2	4.0
	18	1	0.8	2.9					

NOVEMBER, 1969

- 33 -

NOVEMBER, 1969					- 33 -				
DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	12	3	5.1	4.0	21	00	3	2.1	2.4
	18	3	5.0	4.0		06	3	2.1	2.4
05	00	3	5.0	4.0		12	3	2.1	2.8
	06	...				18	3	2.1	3.0
	18	...	No record		22	00	...	-	-
06	00	...	No record			06	3	2.0	2.4
	06	3	6.1	4.0		12	3	2.0	2.4
	12	3	6.3	4.1		18	3	1.8	2.2
	18	...	-	-	23	00	3	1.8	2.2
07	00	...	-	-		06	3	1.8	2.4
	06	...	-	-		12	3	1.8	2.4
	12	3	4.2	4.3		18	3	1.8	3.0
	18	3	4.1	4.3	24	00	3	2.2	3.0
08	00	3	4.0	4.1		06	3	1.8	3.0
	06	3	3.6	4.2		12	3	1.8	4.0
	12	...	-	-		18	3	1.9	3.0
	18	...	-	-	25	00	...	-	-
09	00	...	-	-		06	3	2.0	5.8
	06	3	3.2	3.4		12	3	2.0	5.4
	12	3	3.4	6.8		18	3	2.4	5.4
	18	3	3.0	6.5	26	00	3	2.2	5.4
10	00	3	3.2	5.6		06	3	2.2	5.8
	06	3	3.0	5.8		12	3	2.0	5.4
	12	3	3.0	5.6		18	3	2.0	5.4
	18	3	2.9	6.2	27	00	3	2.4	5.4
11	00	3	3.1	5.9		06	3	2.2	5.4
	06	3	3.0	6.2		12	3	2.1	5.3
	12	...	-	-		18	3	2.0	5.3
	18	...	-	-	28	00	3	2.2	5.4
12	00	...	-	-		06	3	2.3	5.4
	06	3	2.8	4.2		12	3	2.3	5.4
	12	3	2.7	4.0		18	3	2.4	3.0
	18	3	3.0	5.8	29	00	3	2.6	3.0
13	00	3	3.1	5.3		06	3	2.6	3.0
	06	3	3.0	6.5		12	3	2.4	2.9
	12	3	3.0	6.3		18	3	2.4	3.0
	18	...	-	-	30	00	3	2.4	4.0
14	00	...	-	-		06	3	2.4	3.0
17	18	...	due to defect			12	3	2.5	3.0
18	00	...	due to defect			18	3	2.4	3.0
	06		developed in relay syst		STATION : SHILLONG				
	12	3	3.2	3.0	01	00	3	0.5	4.0
	18	3	3.1	3.0		06	3	0.5	4.8
19	00	3	3.0	3.0		12	Earthquake in Progress		
	06	3	3.0	3.2		18	3	0.6	5.5
	12	3	3.0	3.1	02	00	3	0.5	4.8
	18	3	3.0	3.1		06	3	0.5	4.0
20	00	3	2.5	3.0		12	3	0.5	4.2
	06	3	2.2	2.8		18	3	0.4	4.0
	12	3	2.1	2.5	03	00	3	0.4	5.2
	18	3	2.1	2.5		06	3	0.5	4.5

NOVEMBER, 1969

- 34 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	12	3	0.4	4.5	Cont	12	3	0.3	4.2
	18	3	0.5	4.5		18	3	0.0	0.0
04	00	3	0.5	5.0	17	00	0.0	0.0	0.0
	06	3	0.5	4.0		06	0.0	0.0	0.0
	12	3	0.5	4.5		12	3	0.3	4.0
	18	3	0.4	4.0		18	3	0.3	4.0
05	00	3	0.5	4.5	18	00	3	0.4	4.0
	06	3	0.5	4.5		06	0.0	0.0	0.0
	12	3	0.4	4.5		12	0.0	0.0	0.0
	18	3	0.6	4.0		18	3	0.0	0.0
06	00	3	0.6	4.0	19	00	0.0	0.0	0.0
	06	3	0.9	4.5		06	0.0	0.0	0.0
	12	3	1.4	4.5		12	3	0.4	4.8
	18	3	1.5	4.5		18	3	0.4	4.8
07	00	3	1.5	4.0	20	00	...	-	-
	06	3	1.5	4.6		18	...	-	-
	12	3	1.5	4.8	21	00	0.0	0.0	0.0
	18	3	0.8	4.5		06	3	0.3	3.0
08	00	3	0.5	4.0		12	3	0.4	4.8
	06	3	0.5	4.0		18	3	0.4	4.8
	12	3	0.4	4.2	22	00	...	-	-
	18	3	0.4	3.8		06	0.0	0.0	0.0
09	00	...	-	-		12	...	-	-
	18	...	-	-		18	...	-	-
10	00	...	-	-	23	00	...	-	-
	06	3	0.4	4.0		06	3	0.3	4.3
	12	3	0.4	4.0		12	3	0.4	4.5
	18	3	0.4	4.0		18	3	0.4	4.5
11	00	3	0.4	4.0	24	00	3	0.5	5.0
	06	3	Earthquake			06	3	0.4	4.5
	12	3	0.6	4.5		12	3	0.4	4.0
	18	3	0.6	4.8		18	Earthquake in Progress		
12	00	3	0.6	4.8	25	00	Earthquake in Progress		
	06	3	0.5	4.2		06	...	-	-
	12	3	0.5	5.0		12	...	-	-
	18	3	0.4	4.2		18	...	-	-
13	00	3	0.4	4.0	26	00	...	-	-
	06	...	-	-		06	3	0.4	4.0
	12	3	0.4	4.0		12	3	0.4	4.0
	18	3	00	00		18	3	0.4	4.2
14	00	3	0.3	4.0	27	00	3	0.8	5.0
	06	0.0	0.0	0.0		06	3	0.8	4.5
	12	3	0.3	4.5		12	3	0.3	4.0
	18	3	0.0	0.0		18	3	0.4	4.8
15	00	3	0.3	4.0	28	00	3	0.4	4.0
	06	0.0	0.0	0.0		06	3	0.4	4.0
	12	3	0.4	4.0		12	3	0.4	4.0
	18	3	0.4	4.0		18	3	0.4	4.5
16	00	3	0.4	4.5	29	00	3	0.4	4.5
	06	3	0.4	4.8		06	3	0.4	4.8
						12	3	0.4	4.5
						18	3	0.3	4.0

NOVEMBER, 1969

- 35 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
30	00	3	0.4	4.8	12	00	2	0.3	3.8
	06	3	0.3	4.0		06	2	0.3	3.7
	12	3	0.3	4.0		12	2	0.2	3.4
	18	3	0.3	4.5		18	2	0.2	3.4
STATION : TRIVANDRUM					13	00	2	0.2	3.5
01	00	0.0	Minute			06	2	0.2	3.3
	06	2	0.3	3.6		12	2	0.2	3.1
	12	...	Surface waves			18	2	...	No record
	18	2	0.2	3.4	14	00	...	No record	
02	00	2	0.3	4.3		06	...	Power failure	
	06	2	0.3	4.3		12	2	0.2	3.3
	12	2	0.3	4.0		18	2	0.2	3.3
	18	2	0.3	3.7	15	00	2	0.2	2.8
03	00	2	0.3	1.5		06	2	0.2	3.2
	06	2	0.3	3.9		12	0,0	minute movement	
	12	2	0.3	3.5		18	0,0	minute movement	
	18	2	0.3	3.5	16	00	...	No record	
04	00	2	0.2	3.1		06	0,0	minute	
	06	2	0.3	3.0		12	2	0.3	3.1
	12	2	0.3	3.3		18	2	0.3	3.2
	18	2	0.3	3.4	17	00	2	0.3	3.4
05	00	2	0.3	3.7		06	2	0.3	3.2
	06	2	0.3	3.5		12	2	0.3	3.2
	12	2	0.3	3.6		18	2	0.3	3.1
	18	2	0.5	3.9	18	00	...	No record	
06	00	2	0.5	4.2		06	2	0.4	3.1
	06	2	0.6	4.4		12	2	0.4	3.4
	12	2	0.7	4.4		18	2	0.4	3.0
	18	2	0.8	5.0	19	00	...	No record	
07	00	2	1.0	5.1		06	2	0.3	3.0
	06	2	1.7	5.2		12	2	0.3	3.1
	12	2	1.4	5.2		18	2	0.3	3.1
	18	2	1.0	4.9	20	00	2	0.3	3.3
08	00	2	1.0	5.0		06	2	0.2	3.2
	06	2	0.9	5.0		12	2	0.3	3.0
	12	2	0.7	4.8		18	2	0.3	2.9
	18	2	0.5	4.3	21	00	2	0.3	3.0
09	00	2	0.5	3.9		06	...	No record	
	06	2	0.3	3.4		12	...	-do-	
	12	2	0.3	3.6		18	...	-do-	
	18	2	0.3	3.5	22	00	...	No record	
10	00	2	0.3	3.6		06	2	0.4	3.1
	06	2	0.3	3.5		12	2	0.4	3.1
	12	2	0.2	3.3		18	2	0.3	3.1
	18	2	0.2	3.1	23	00	...	Earthquake	
11	00	2	0.3	3.1		06	2	0.3	3.0
	06	2	0.3	3.8		12	2	0.3	3.2
	12	2	0.3	3.8		18	2	0.2	2.9
	18	2	0.3	3.8					

NOVEMBER, 1969

- 36 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
24	00	...	No record		06	00	1	1.4	4.1
	06	0,0	minute			06	1	2.1	4.7
	12	0,0	-do-			12	1	3.1	4.7
	18	...	Surface waves			18	1	4.6	5.0
25	00	...	Surface waves		07	00	A	Power failure	
	06	2	0.3	2.7		06	B	instruments Suspended as	
	12	2	0.3	2.8		12		as the roof of the Obser-	
	18	2	0.3	2.8		18		rvatory was damage by	
26	00	0,0	minute					Cyclone (B)	
	06	2	0.3	2.7	21	00	...	B	B
	12	2	0.2	2.7		06	...	B	B
	18	2	0.2	3.1		12	1	0.5	2.9
27	00	0,0	minute			18	1	0.6	2.8
	06	2	0.2	3.0	22	00	1	0.5	3.0
	12	2	0.2	3.6		06	1	0.5	3.0
	18	2	0.3	3.6		12	1	0.5	3.0
28	00	2	0.3	3.4		18	1	0.5	3.0
	06	2	0.2	3.2	23	00	...	C by Inprogress	
	12	2	0.2	3.4		06	1	0.6	2.7
	18	2	0.2	3.0		12	1	0.6	2.6
29	00	0,0	minute movement			18	1	0.6	2.7
	06	0,0	-do-		24	00	1	0.6	2.8
	12	0,0	-do-			06	1	0.5	2.8
	18	0,0	-do-			12	1	0.4	2.6
30	00	0,0	minute movement			18	...	C by Inprogress	
	06	2	0.2	2.7	25	00	...	C by Inprogress	
	12	0,0	minute movement			06	...	D No microsiesmis	
	18	0,0	-do-			12	...	D No Microsiesmics	
						18	...	No Microseismics	
								seismo meter defect	
								No Microseismics	
STATION : VISAKHAPATNAM					26	00	...D	No Microseismics	
01	00	2	0.3	5.0		06	2	0.5	4.4
	06	1	0.5	4.6		12	2	0.5	4.4
	12	1	0.5	4.6		18	2	0.5	4.4
	18	1	0.5	4.6	27	00	2	0.6	4.6
02	00	1	0.5	4.6		06	2	0.3	5.1
	06	1	0.1	2.5		12	2	0.4	5.0
	12	1	0.1	2.6		18	2	0.5	5.2
	18	1	0.1	2.7	28	00	2	0.3	5.0
03	00	1	0.1	2.6		06	2	0.4	4.4
	06	1	0.3	2.5		12	2	0.3	4.4
	12	1	0.3	2.6		18	1	0.1	2.5
	18	1	0.3	2.5	29	00	1	0.1	2.3
04	00	1	0.3	2.5		06	1	0.3	2.6
	06	1	0.3	2.5		12	1	0.3	2.8
	12	1	0.4	3.0		18	1	0.5	3.0
	18	1	0.5	3.0	30	00	1	0.4	3.2
05	00	1	0.5	3.0		06	1	0.5	3.2
	06	1	0.5	3.2		12	1	0.5	3.4
	12	1	0.5	3.6		18	1	0.5	3.2
	18	1	0.9	3.6					

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B.S RANA

DECEMBER, 1969

- 1 -

DATE	STN	PHASE	H.	M.	S.	∠	Deg.
01	NDI	e	01	57	54		
01	NDI	1Pg	02	42	30.2	CSE	0.63
		1		42	33.5	M=	2.9
		1Sg		42	38.6		
01	DDI	eP	02	42	33.4		3.5
		1S		43	16.3		
01	DDI	eP	04	45	36.3		
01	SHL	1Pn	05	04	32.8	DE	1.1
		1Sn		04	49		
01	SHL	1Pn	06	08	14.8	D	1.2
		1Sn		08	32		
01	MDR	e	09	31	45		
		•		32	40		
01	Epc: 0.2 S, 123.0E. H= 13h						
	Olm 20.1s (USCGS) NORTHERN CELEBES DEPTH= 196 Kms.						
01	Epc: 26.5N, 53.5E H= 13h 04m						
	34.1s (USCGS) SOUTHERN IRAN						
	Depth= 33 Kms. Mag= 4.7 (CGS)						
	POO	eP	13	09	10		
	NDI	eP	13	09	20		
	CHA	1P	13	09	13	D	
	NDI	eP	13	09	14		
01	POO	e	13	24	38.0		
01	Epc: 49.8S 115.1N, H= 14h						
	11m 14.6s (USCGS) EASTER ISLAND CORDILLERA Depth= N, Mag= 4.8 (CGS)						
	SHL	1PKP	14	30	57.5	D	
	POO	ePKP	14	30	58.0		
	CHA	ePKP	14	31	09		
01	CHA	1P	19	30	26	D	
01	CHA	1P	20	10	42	D	
01	SHL	1P	20	22	16.0	CW	1.6
		eS		22	38		
01	EPC: 35.0N, 24.3E. H= 20h 18m						
	06.3s(USCGS) GRETE Depth= 53 KMS, Mag= 5.0 (CGS)						
	NDI	eP	20	26	18		45.0
		eS		32	53		
	CHA	1 P	20	27	26	C	
	SHL	1P	20	27	55	C	
01	Epc: 60.0S, 28.5W H= 20h 35m						
	05.2s (USCGS) SOUTH SANDWICH ISLANDS REGION Depth= 163 Kms Mag= 5.6 (CGS)						
	NDI	ePKP	20	53	40		

DATE	STN	PHASE	H.	M.	S.	∠	Deg.
	CHA	ePKP	20	53	49		
01	Epc: 16.7N, 60.8W H= 22h 13m						
	53.4s (USCGS) LEEWARD ISLANDS						
	Depth= 41 Kms, Mag= 5.6Ms=5.8 (CGS)						
	NDI	ePKP	22	32	42		120.5
		ePP		34	08		
		ePS		43	42		
	CHA	1P	22	32	56	D	
	SHL	eP	22	33	02.5	C	131
		eS		35	23		
	BOK	e	22	35	07		
	MDR	e	22	36	25		
02	POO	eP	04	24	05		
02	POO	ePg	08	52	00		
02	NDI	e	10	20	24		
		e		21	03		
02	Epc: 13.1N, 143.9E. H= 17h 26m						
	33.1s(USCGS) SOUTH OF MARIANA ISLANDS FELT ON GUAY.						
	Depth= 110Kms, Mag= 5.0 (CGS)						
	CHA	1P	17	35	54	D	
	POO	eP	17	37	16		
02	Epc: 8.2N, 126.3E. H= 17h 57m						
	04.3s (USCGS) MINDANAO, PHILIPPINE ISLANDS Depth= 102 Kms. Mag= 5.7 (CGS)						
	PBA	1P	18	03	34	C	33.2
		eS		08	45		
	TOC	eP	18	03	49		35.7
		eS		09	24		
	SHL	1P	18	04	07	DSE	37
		1S		09	44		
	CHA	eP	18	04	46	D	42.0
		eS		10	53		
		eSS		11	36		
	BOK	1P	18	04	47	SE	42.0
		ePP		05	10		
		PP		06	29		
		S		10	55		
		eSS		11	40		
		SS		14	02		
	GAL	1P	18	04	50	W	
		eS		11	07		
	VIS	1P	18	04	57	CW	43.3
		ePP		06	50		
		ePPP		11	47		
		1S		11	59		
		1PS		12	07		

DECEMBER, 1969

- 2 -

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DATE	STN	PHASE	H. M. S.	∠ Deg.	DATE	STN	PHASE	H. M. S.	∠ Deg.
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Cont.	1PPS		12 15			VIS	e	18 25 27	
	eSS		15 30			MDR	e	18 26 30	
	eSSS		17 12			e		27 12	
	eLR		19 27			e		29 24	
	eM		23 40						
BNS	1P		18 05 04		02	Epc: 40.2N, 143.9E. H= 19h 01m 39.4s(USCGS) OFF EAST COAST OF HONSHU JAPAN. Depth=37Kms. Mag= 4.5 (CGS)			
	pP		05 29			CHA	eP	19 10 23	
MDR	1P		18 05 15	D		NDI	eP	19 11 10	
	PP		07 06		02	DDI	eP	22 35 14.6	
	eS		11 52		02	Epc: 33.9N, 58.6E. H= 22h 46m 15.5s (USCGS) IRAN Depth=N, Mag= 5.1 (CGS)			
	sS		12 36			NDI	eP	22 50 06	
	SS		15 17			BOM	eP	22 50 44	
SEH	1P		18 06 25	D		POO	eP	22 50 52	
DDI	eP		18 05 52	50.0		CHA	1P	22 51 44	C
	eS		12 52			02	CHA	1P	22 59 12.0 D 2.3
	sS		13 34			PPP		59 23.7	
KOD	1P		18 05 38	DE 48.4		S		59 41.7	
	1S		12 30			NDI	eP	23 00 16	8.0
TRD	1P		18 05 40	E 48.8		eS		01 48	
	eS		12 32			CHA	ep	23 01 43	
NDI	1P		18 05 53	DSE 50.4		MDR	e	23 02 33	
	pP		06 17			CHA	1P	23 04 37	C
	eS		12 54		03	BOK	eP	00 38 13	12.0
	eS		13 40			1S		40 29	
POO	eP		18 06 03	51.8	03	DDI	eP	00 43 56.1	3.0
	eS		13 17			eS		44 33.5 M= 4.9	
BOM	1P		18 06 11	DE 52.7		NDI	ePn	00 44 10	3.4
	eS		13 27			ePg		44 21	
BOM	pP		18 06 35			eSn		44 53	
	eS		14 11			eSg		45 06	
02	MDR	eP	18 10 35			CHA	1P	00 45 52	D
02	DDI	i	18 12 51.0			POO	eP	00 46 16	
02	Epc: 36.5N, 70.6E H= 18h 17m 00.6s(USCGS) HINDU KUSH REGION Depth= 206Kms, Mag= 5.1(CGS)					03	BOM	eP	00 49 49
	DDI	eP	18 19 06	8.8		03	KOD	eP	00 52 08.5
	eS		20 38.0			03	Epc: 24.7N, 65.4E. H= 02h 31m 47.5s(USCGS) NEAR COAST OF WEST PAKISTAN Depth=N, Mag= 4.9 (CGS)		
	NDI	iP	18 19 15	9.5			BOM	1Pn	02 33 57 C 9.0
	1S		20 55				1Sn	35 35	
SEH	eP		18 20 15	14.3		POO	eP	02 34 10	9.8
	1S		22 46			eS		35 53	
CHA	1P		18 20 50	D 17.2		NDI	1P	02 34 25 DW 11.0	
	S		23 47			PP		34 33.2	
BOM	1P		18 20 54	D		1S		36 23	
POO	eP		18 20 59						
BOK	1P		18 21 02	18.4					
	eS		24 16						
KOD	eP		18 22 25						
BOM	e		18 24 29						

DECEMBER, 1969

- 3 -

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DATE	STN	PHASE	H.	M.	S.	∠ Deg.	DATE	STN	PHASE	H.	M.	S.	∠ Deg.	
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	DDI	iP	02	34	41	C 11.9		DDI	eP	16	46	20		
		iPP		34	48.1				e		47	40		
		iPPP		34	57.1			NDI	iP	16	46	31.0	DNW 9.0	
		iS		36	51				iS		48	07.0		
		iSS		37	04			CHA	iP	16	48	06	C	
		iSSS		37	16.0									
	MDR	eP	02	36	00	183		04	Epc: 12.4N, 93.7E. H= 00h 34m 58.6s(USCGS) ANDAMAN ISLANDS REGION Depth=N, Mag= 5.3 (CGS)					
		eS		39	20			PBA	iP*	00	35	27	1.6	
	KOD	eP	02	36	07				PPP		35	39		
	CHA	eP	02	36	17	20.0			iS*		35	44		
		iS		39	57			VIS	iP	00	37	41	CW 11.3	
	CAL	eP	02	36	43	22.0			iPP		37	51		
		eS		40	35				iPPP		37	58		
03	POO	iPg	03	16	33.2	1.0			eS		39	49		
		eSg		16	46.8			CAL	eP	00	38	02		
	BOM	iP*	03	16	40	C 1.3		SHL	iP	00	38	06	DS 13.0	
		eS		16	57				iS		40	26		
03	POO	e	03	36	39			MDR	eP	00	38	13	13.5	
03	NDI	e	04	40	30				eS		40	43		
03	NDI	e	04	41	56			TOC	eP	00	38	24	15.1	
03	NDI	e	05	41	15				eS		41	14		
03	NDI	e	05	44	07			CHA	iP	00	38	41	C	
03	NDI	e	05	45	49				e		41	15		
03	SHL	iPg	08	29	51.4	DSE 0.85		KOD	eP	00	38	47		
		iSg		30	02.5				i		41	27.2		
03	NDI	eP	10	55	33			SEH	eP	00	39	22	17.9	
									e		42	40		
03	Epc: 54.7N, 161.4E. H= 12h 34m 52.3s (USCGS) NEAR EAST COAST OF KAMACHATKA Depth= 35 Kms, Mag=4.9 (CGS)							POO	iP	00	39	33		
	CHA	eP	12	44	45			BOM	iP	00	39	45	C	
	DDI	eP	12	45	13			NDI	eP	00	39	57	22.4	
03	DDI	eP	13	01	31.4				iS		43	55		
		e		03	06.0			DDI	eP	00	40	04	D	
	NDI	iP	13	01	42.0	DN 8.2			e		44	18		
		iS		03	16.0			BNS	e	00	41	08		
	CHA	iP	13	03	08	C		04	SHL	iPg	01	33	22	C 1.0
									iSg		33	35		
03	CHA	eP	13	05	55			04	DDI	eP	01	43	13.0	
03	SHL	eP	14	08	34				NDI	e	01	43	33	
	CHA	iP	14	09	06			04	Epc: 12.1N, 143.6E. H= 03h 02m 56.7s (USCGS) SOUTH OF MARIANA ISLANDS Depth=N, Mag=5.3 (CGS)					
03	NDI	e	15	27	25				SHL	iP	03	11	55	D
03	Epc: 36.4N, 71.1E. H= 16h 44m 20.2s (USCGS) AFGANISTAN USSR BORDER REGION? Depth=211 Kms, Mag= 4.7 (CGS)								CHA	iP	03	12	28	D
									DDI	eP	03	13	24	
									NDI	eP	03	13	27	

DECEMBER, 1969

- 4 -

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DATE	STN	PHASE	H.	M.	S.	∠ Deg.	DATE	STN	PHASE	H.	M.	S.	∠ Deg.	
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	KOD	iP	03	13	37	DE		04	SHL	eP	20	21	52.5	4.5
	POO	eP	03	13	51					eS	22	46		
04	SEH	iP	07	01	15	C			CHA	iP	20	22	45	D
	TOC	iP*	08	05	40.5	1.3		04	SHL	iP	20	50	59.4	CNW 1.4
		S*	05	58.0						eS	51	19		
04	SHL	iP	08	06	04.2	DNE 3.0			TOC	ePn	20	51	16	2.6
		eS	06	41.0						Sn	57	48		
	CHA	iP	08	07	01.7	D 4.7			CHA	iP	20	52	00	C
		eS	07	57.9				04	NDI	ePg	23	54	28.3	0.6
	NDI	eP	08	09	01	15.0				eSg	54	36.1		
		eS	11	49				05	KOD	iP	09	58	25.7	DE
	DDI	eP	08	11	36.6				SHL	eP	09	58	45	22.0
	POO	e	08	13	50					eS	10	02	44	
04	Epc: 40.7N, 144.7E. H= 08h 50m 21.6s (USCGS) OFF EAST COAST OF HONSHU JAPAN FELT, Depth= 20 Kms, Mag=5.7Ms.5.5 (CGS)								POO	e	09	59	26	
	TOC	eP	08	58	31				NDI	eP	10	00	07.5	
	SHL	iP	08	58	45.0	D 46.1			DDI	eP	10	00	15.9	
		iS	09	05	28.0			05	SHL	ePn	11	32	17.5	1.3
	CHA	iP	08	59	11	C 49.5				eSn	32	36.3		
		eS	09	06	14			05	Epc: 14.5N, 53.3E. H= 11h 38m 40.3s (USCGS) ARABIAN SEA Depth= N, Mag= 4.8 (CGS)					
	BOK	eP	08	59	29	51.9			BOM	iP	11	43	02	CE
		S	06	47					POO	eP	11	43	12	
	CAL	eP	08	59	33				NDI	eP	11	44	15	
	DDI	iP	08	59	47	D		05	CHA	iP	14	13	23	D
	NDI	eP	08	59	56	55.6		05	NDI	eP	14	41	19	
		eS	07	39				05	DDI	iP	14	54	50	D
	VIS	eP	09	00	13	58.0		05	NDI	eP	15	12	15.5	
		eS	08	07				05	NDI	eP	15	24	44.5	9.2
	MDR	eP	09	00	44	62.5				eS	26	24.5		
		eS	09	11					DDI	eP	15	26	07	
		PS	09	30					CHA	iP	15	26	10	D
		SS	13	14				05	CHA	iP	15	50	23	D
	POO	eP	09	00	53			05	NDI	eP	15	50	34	
	BOM	iP	09	00	56	D 63.8		05	Epc: 29.7N, 80.8E. H= 18h 45m 17.4s (USCGS) NEPAL INDIA BORDER REGION Depth=N, Mag= 4.9 (CGS)					
		eS	09	31					DDI	iP	18	45	00.0	3.0
		SP	09	48						iS	46	37.1		
	GOA	eP	09	01	07				NDI	iPn	18	46	07.3	C 3.3
	KOD	iP	09	01	09	D				Pg	46	17.5		
	SEH	e	09	01	15	C				Sn	46	45.5		
04	POO	ePg	10	43	24.5	1.2				Sg	46	58.0		
		eSg	43	40.5					BNS	ePn	18	46	33	5.0
04	SHL	iPg	11	27	38.2	CNE 0.22				P*	46	43		
		eSg	27	41.0										
04	NDI	e	11	36	36									

DECEMBER, 1969

DATE	STN	PHASE	H.	M.	S.	∠ Deg.
07	SHL	1P	07 17	51.0	DSE	
		e	18 37	.5		
	TOC	e	07 18	54		
	CHA	1P	07 18	43	D	
07	BOK	eP	07 20	09		
	NDI	eP	07 20	38		15.9
		eS	23 38			
	DDI	1P	07 20	41.7	D	
07	POO	eP	07 24	34		
07	DDI	eP	09 30	05.1		
	NDI	eP	09 31	03		8.7
		eS	32 44.5			
07	NDI	1P	09 54	22	DW	
		e	50 00			
07	NDI	eP	10 07	43		
		e	09 20			
07	DDI	eP	12 53	45.3		
	NDI	eP	12 54	02		
07	Epc: 6.7S, 129.6E. H= 13h 32m 45.2s (USCGS) BANDA SEA Depth=119Kms, Mag=5.5(CGS)					
	SHL	1P	13 41	19	CW	
		e	42 43			
	MDR	eP	13 41	48		
	CHA	1P	13 41	52	C	
	KOD	1P	13 42	03	C	
	POO	eP	13 42	42	C	
	NDI	1P	13 42	49	CW	
	DDI	eP	13 42	50.7		
07	CHA	1P	14 39	43	C	
07	NDI	eP	14 51	53		8.6
		iS	53 31			
07	Epc: 9.6N, 125.7E. H= 21h 46m 15.1s (USCGS) Depth= 51 Kms. Mag= 5.2 (CGS)					
	TOC	eP	21 52	57		
	SHL	1P	21 53	11.0	D	35.5
		eS	58 45			
	CHA	eP	21 53	44		
		i	59 26			
	CHA	1P	21 53	51	C	
	BOK	1P	21 53	54	DE	40.8
		S	59 59			
	VIS	1P	21 54	06	DE	
	MDR	eP	21 54	26		44.7
		PP	56 12			

DATE	STN	PHASE	H.	M.	S.	∠ Deg.
		eS	22 01	03		
		SS	04 14			
	KOD	1P	21 54	49.0	CE	
	DDI	1P	21 54	57.2	D	
	NDI	eP	21 55	00		
		e	22 05	56		
	POO	eP	21 55	13.0		
	BOM	eP	21 55	19		51.5
		eS	22 02	43		
07	Epc: 4.8S, 143.5E. H= 22h 32m 31.5s (USCGS) NEW GUINEA. Depth= 105 Kms, Mag= 5.3(CGS)					
	SHL	1P	22 42	19.0	D	
	CHA	1P	22 42	50	D	
	DDI	eP	22 43	43		
	NDI	1P	22 43	44	D	
	POO	eP	22 43	47		
08	DDI	eP	00 42	48.3		
	NDI	eP	00 43	26		
08	POO	e	01 29	05		
08	POO	eP	01 54	26		
08	DDI	eP	03 15	48.4		
	NDI	e	03 17	03		
08	1.7N, 127.3E. H= 05h 04m 19.7s (USCGS) HALMAHARA. Depth= 101Km Mag= 5.5 (CGS)					
	TOC	eP	05 11	50		
	SHL	1P	05 12	00.0	DSE	
	CHA	eP	05 12	25		
	BOK	1P	05 12	32	DE	45.6
		ePP	14 23			
		eS	19 04			
	VIS	1P	05 12	37	CW	
	MDR	1P	05 12	49	D	47.8
		PP	14 42			
		eS	19 41			
	KOD	1P	05 13	08	DE	
	NDI	1P	05 13	40	DE	54.5
		eS	21 08			
	DDI	1P	05 13	40	D	
	POO	1P	05 13	41	D	
	BOM	1P	05 13	48	D	55.6
		iS	21 27			
08	NDI	eP	05 29	01		
08	CHA	1P	08 41	17.7	D	1.9
		eS	41 43.1			

DECEMBER, 1969

- 7 -

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DATE	STN	PHASE	H.	M.	S.	DATE	STN	PHASE	H.	M.	S.
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08		Epc: 0.1S, 122.8E. H= 09h 37m 39.0s(USCGS) NORTHERN CELEBES. Depth= 194Kms, Mag=5.1 (CGS)									
	SHL	1P	09	44	51.0 C		SHL	1P	13	46	11 C
	POO	eP	09	46	27.0		09	BOM	e	18	25 20
	NDI	eP	09	46	31		09	SHL	1P	18	56 06.4 DSE 3.3
08	NDI	iP	10	05	54.5 D			IS		56	46.8
08		Epc: 1.8N, 98.2E H= 14h 41m 38.0s(USCGS) NORTHERN SUMATRA Depth= 41 Kms, Mag= 4.8 (CGS)					CHA	1P	18	57	05 D
	SHL	1P	14	46	53 C			i		58	28
	CHA	1P	14	47	20 C		09		Epc: 47.6N, 156.1E. H= 18h 54m 06.0s (USCGS) KURIL ISLANDS REGION Depth= N, Mag=4.8(CGS)		
	NDI	eP	14	48	15			SHL	1P	19	03 31.0 D
	DDI	eP	14	48	23			CHA	eP	19	03 53
08	CHA	1P	15	19	03 C			NDI	eP	19	04 31
	SHL	1P	15	19	28.0 D			POO	eP	19	05 23
08	DDI	eP	17	37	56.8		09		Epc: 44.0N, 148.4E. H= 21h 59m 11.9s(USCGS) KURIL ISLANDS Depth= N, Mag= 5.1 (CGS)		
	NDI	eP	17	38	07	8.1		CHA	1P	22	08 16 D
		eS		39	40			DDI	eP	22	08 49.0
	CHA	1P	17	39	47 C			NDI	eP	22	09 00
08	CHA	1P	19	50	17 C			POO	eP	22	09 47
08	CHA	1P	21	38	20 D		09	SHL	ePn	22	42 48.8 2.75
08	CHA	1P	23	12	57 C				eSn		43 23.0
	POO	eP	23	13	10.0		09	CHA	1P	22	45 11 D
	NDI	eP	23	13	50		09	CHA	1P*	23	49 55.1 D 1.4
09	CHA	eP	00	10	10				eSn*		50 14.2
09		Epc: 0.9N, 126.2E. H= 03h 25m 51.7s(USCGS) MOLOCCA PASSAGE Depth= 99Kms, Mag= 5.1 (CGS)					09	PBA	1Pg	23	53 11 CN 0.4
	KOD	eP	03	34	34				ISg		53 16
	NDI	1P	03	35	06 C				PP		53 23
	POO	eP	03	35	07				PPP		53 28
09	NDI	i	08	25	26				SS		53 34
09	POO	eP	12	29	43				SSS		53 44
09	NDI	eP	12	29	48		10		Epc: 2.7S, 129.2E. H= 00h 10m 31.8s (USCGS) CERAM Depth= 39Kms, Mag=4.9(CGS)		
09	DDI	ep	13	27	48.9 12.7			SHL	1P	00	18 53.0 D
		iS		30	01.9			POO	eP	00	20 25
09		Epc: 40.1N, 70.7E. H= 13h 41m 09.0s (USCGS) TADZHIK SSR Depth= N, Mag= 5.0 (CGS)						NDI	1P	00	20 28
	NDI	eP	13	44	05 12.4			DDI	eP	00	20 29
		iS		46	22		10	NDI	e	04	35 54
	CHA	1P	13	45	31 C		10	NDI	eP	05	54 09
	POO	eP	13	45	57		10	NDI	ePg	09	54 25.5 0.6
									eSg		54 32.7
							10	NDI	e	10	06 11

DECEMBER, 1969

- 8 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.	
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10	NDI	e	11 04 47		10	CAL	i	22 15 10		
		e	04 56		10	BOM	e	22 16 12		
10	DDI	iP	11 08 20.8		10	SHL	iP	23 53 56	D	
	NDI	eP	11 08 34	8.3		CHA	iP	23 42 25	C	
		eS	10 09		11	NDI	ePg	00 34 32.5	0.27	
10	NDI	eP	12 13 26				iSg	34 35.0		
10	NDI	e	16 22 46		11	Epc: 14.9S, 166.7E. H= 00h				
10	SHL	eP	18 18 25			45m 40.5s (USCGS) NEW HEBRIDES				
10	BOM	e	18 38 18			ISLANDS Depth= 43 Kms,				
10	Epc: 14.8S, 167.0E. H= 19h						Mag= 5.2 (CGS)			
	53m 58.2s (USCGS) NEW HEBRIDE					SHL	iP	00 58 05	C	
	ISLANDS Depth= 21 Kms, Mag= 5.4					CHA	eP	00 58 28		
	(CGS) Ms= 6.3 (CGS)					NDI	e	01 02 37.3	D	
	TOC	eP	20 06 22			POO	ePP	01 03 22		
	SHL	iP	20 06 26	C 84.0	11	SHL	iPg	04 25 54.5	DE 1.0	
		eS	16 49				iSg	26 07.8		
	CAL	eP	20 06 38	86.2	11	NDI	i	04 52 40		
		eS	16 12		11	CHA	iP	07 58 21	C	
	MDR	eP	20 06 47	88.0	11	DDI	iP	08 31 30.9	C	
		eS	17 25		11	POO	eP	10 52 50.0		
	CHA	iP	20 06 52	89.5	11	SHL	iPg	12 15 24.6	CNW 0.8	
		S	17 39				iSg	15 35.0		
	BCK	iP	20 06 55	CW 90.0	11	CHA	iP	13 47 22	C	
		PP	10 33		11	SHL	eP	15 06 43		
		SKS	17 20		11	PBA	iPg	15 18 37	DSW 0.5	
		eS	17 46				iSg	18 43		
	TRD	eP	20 06 57	90.4			PP	18 49		
		eS	17 51				PPP	18 55		
		eSS	23 49		11	POO	eP	17 15 49.0		
	VIS	eP	10 06 58			NDI	e	17 15 57		
	KOD	eP	20 07 15	94.0	11	NDI	iPg	22 35 23.4	CSE 0.62	
		eS	24 28				iSg	35 31.5		
	SEH	eP	20 07 28		12	Epc: 40.1N, 143.8E. H= 01h				
	DDI	eP	20 07 29.3			13m 11.4s (USCGS) OFF EAST				
	POO	eP	20 07 33			COAST OF HONSHU JAPAN				
	NDI	eP	20 07 34	98.5		Depth=11 Kms. Mag= 5.0 (CGS)				
		SKS	18 14			Ms= 5.6(CGS)				
		eS	19 02			SHL	iP	01 21 31	CSW	
	BOM	eP	20 07 36			CHA	iP	01 21 57	C	
10	Epc: 14.7 S, 166.5 E. H= 21h						DDI	iP	01 22 34.2	C
	52m 02.2s (USCGS) NEW HEBRIDE						NDI	iP	01 22 44	CSW
	ISLANDS Depth= 75Kms, Mag=4.9						POO	eP	01 23 41	
	(CGS)						KOD	eP	01 23 57	
	SHL	iP	22 04 23	C						
	CHA	eP	22 04 52	90.0						
		iS	15 30							
	MDR	e	22 06 21							
		eS	15 29							

DECEMBER, 1969

- 10 -

DATE	STN	PHASE	H.	M.	S.	Mag.	
14	CHA	1P	22	14	59	C	
		PP		16	47		
	NDI	1P	22	16	05	D	
	POO	eP	22	16	11.0		
	Epc: 2.0N, 126.9E. H = 02h 42m 09.4s (USCGS) MOLUCCA PASSAGE Depth= 42Km Mag= 6.0(CGS) MS= 5.7 (CGS)						
	PBA	1P	02	49	02	DN	
		eS		54	30		
	TOC	eP	02	49	41	39.8	
		eS		55	37		
	SHL	1P	02	49	51	D 41.0	
		1S		55	56		
	CAL	eP	02	50	07	43.0	
		1S		56	26		
	BOK	1P	02	50	26	CNW 45.3	
	PP		52	20			
	PcS		55	52			
	S		57	00			
	SS	03	00	12			
CHA	1P	02	50	27	CN 45.3		
	S		57	02			
	SS	03	00	14			
VIS	eP	02	50	28	45.4		
	1PPP		52	55			
	1S		57	03			
	1PS		57	10			
MDR	eP	02	50	43	47.5		
	PP		52	33			
	eS		57	31			
BNS	eP	02	50	48			
KOD	eP	02	51	00			
TRD	eP	02	51	09			
NDI	1P	02	51	32	54		
	eS		59	00			
DDI	1P	02	51	32	D		
GOA	eP	02	51	33.0	54.1		
	PP		53	44			
	1S		59	02			
	SPP		59	20			
POO	eP	02	51	33	54.2		
	1S		59	05.0			
BOM	eP	02	51	41	55.3		
	1S		59	14			
14	NDI	e	04	43	01		
14	NDI	e	11	47	50		

DATE	STN	PHASE	H.	M.	S.	Mag.	
14	Epc: 43.6N, 145.9E. H= 16h 03m 53.9s (USCGS) HOKKAIDO JAPAN REGION Depth= 68Kms, Mag= 4.6 (CGS)						
	NDI	1p	16	13	26		
	POO	eP	16	14	24		
	14	DDI	eP	17	33	38.4	
		NDI	eP	17	33	52	8.9
			1S		35	34	
		CHA	1P	17	35	23	C
	14	CHA	1P	17	38	17	C
	14	Epc: 8.2N, 58.5E H= 18h 37m 09.5s(USCGS) CARLSBERG RIDGE, Depth= N, Mag= 6.0 (CGS) Ms= 5.6 (CGS)					
		GOA	eP	18	41	03.2	
			e		44	25	
		BOM	1P	18	41	15	DSW 17.6
			eS		44	35	
		TRD	1P	18	41	20	W 18.2
		1S		44	38		
	POO	1P	18	41	21.0	D	
	KOD	eP	18	41	30.0	DW 19.0	
	MDR	1P	18	42	01	CE 23.4	
		1S		46	11		
	VIS	eP	18	42	41	26.0	
		eS		47	11		
	NDI	eP	18	42	51	27.2	
		1S		47	30		
	DDI	1P	18	43	07	D 29.0	
		1S		47	55		
	BOK	1P	18	43	23	DSW 30.8	
		S		48	27		
	CAL	eP	18	43	25		
	CHA	1P	18	43	41	D 32.8	
		S		49	00		
	PBA	1P	18	43	57	DSW 34.6	
		eS		49	25		
	SHL	1P	18	44	10.4	D	
	TOC	eP	18	44	35		
14	Epc: 6.4N, 123.6E. H= 19h 18m 52.9s (USCGS) MINDANAO PHILIPPIN ISLANDS Depth=600Km Mag=4.6(CGS)						
	CHA	1P	19	25	43	D	
	DDI	eP	19	26	48		

DECEMBER, 1969

- 11 -

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DATE	STN	PHASE	H. M. S.	Δ Deg.	DATE	STN	PHASE	H. M. S.	Δ Deg.
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	NDI	iP	19 26 48.0	DE		FBA	eP	02 32 17	
14	BOM	e	23 59 20		MDR	eP	02 34 23	CE	21.0
15	NDI	e	00 00 21			PP	34 48		
15	CHA	iP*	00 22 13.8	D 1.4		eS	38 18		
		S*	22 32.0		KOD	eP	02 34 36.8	C	
15	Epc: 51.4N, 179.5W. H= 00h 14m 23.2s (USCGS) ANDREANOF ISLANDS, ALEUTIAN ISLANDS Depth= 35 Km Mag= 4.6 (CGS)						e	38 48.0	
	CHA	iP	00 25 43	D	BOK	eP	02 34 42		
	NDI	e	00 26 06			e	39 11		
15	SHL	iPg	00 27 55.3	DNW 0.96	POO	eP	02 35 36		
		iSg	28 07.8		BOM	eP	02 35 48		30.0
						eS	40 45		
15	Epc: 36.3N, 68.5E. H= 03h 46m 17.8s (USCGS) HINDU KUSH REGION Dep-th= 39 Kms.					NDI	eP	02 36 09	32.5
	DDI	eP	03 48 41.6			eS	41 25		
		e	51 33		DDI	eP	02 36 17		
	NDI	eP	03 48 49	10.5	17	POO	e	03 14 15	
		e	49 27		17	SHL	ePn	05 14 56	3.8
		iS	50 46			eSn	15 42.5		
	SHL	iP	03 51 17	C	17	NDI	iPg	05 17 11.4	CSE 0.5
15	SHL	eP	08 45 44			eSg	17 18.5		
15	DDI	eP	09 02 22.1		17	Epc: 36.5N, 71.3E. H= 06h 36m 06.3s (USCGS) AFGANISTAN USSR BORDER REGION Depth= 63Kms. Mag=4.5 (CGS)			
		i	03 51.6		DDI	iP	06 38 08.9	C	
	BHK	e	09 02 35.6			e	39 37		
	NDI	e	09 02 48	4.2	NDI	iP	06 38 19	NW	9.2
		ePn	02 56			iS	40 00.0		
		ePg	03 01		POO	eP	06 40 14.0		
		e	03 31		SHL	iP	06 40 44	D	20.5
		e	03 34			eS	44 21		
		iSn	03 44.8		17	SHL	iP	07 42 40.0	C
		iSg	03 56.0		17	SHL	eP	08 04 18.5	
15	NDI	e	14 34 47			CHA	iP	08 05 11	D
15	CHA	iP	16 00 47	C	17	SHL	eP	19 27 40	
15	CHA	iP	16 31 52	C	17	CHA	iP	23 16 31	C
15	CHA	iP	21 41 08	D	17	NDI	iPg	23 29 37.0	CSE 0.58
	SHL	eP	21 41 28			iSg	29 44.5		
16	NDI	ePg	01 49 18	CSE 0.59	18	NDI	iP	02 26 13.0	CSW
		iSg	49 25.8		18	SHL	ePn	03 44 12	1.3
16	NDI	eP	11 04 10	8.9		eSn	44 33		
		eS	05 52		18	POO	ePg	08 49 19.4	1.1
16	NDI	e	14 19 20			eSg	49 34.0		
17	Epc: 2.9N, 98.6E. H= 02h 29m 42.0s (USCGS) NORTHERN SUMATRA Depth= 52 Kms. Mag= 4.9 (CGS)				18	Epc: 46.3N, 142.5E H=13h 32m 05.2 s (USCGS) SAKHALIN ISLANDS FELT HIDELY ON HOKKAIDO MAT-INT III			

DECEMBER, 1969

- 12 -

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DATE	STN	PHASE	H. M. S.	∠	DATE	STN	PHASE	H. M. S.	∠
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(JMA) Depth= 344 Kms, Mag=									
5.9(CGS) Mag=6.5 (PAS)									
TOC	eP		13 39 35	43.3	TRD	eP		13 42 24	67.2
	eS		45 31			pP		43 42	
SHL	i P		13 39 49	DNE 45		eS		50 48	
	iS		46 00		GOA	eP		13 42 04	64.0
CHA	iP		13 40 11	D 48.0		eS		50 20.0	
	S		46 37			SP		50 31.4	
GAL	eP		13 40 27	45.0	18	POO	e	14 10 23	
	iS		47 06		18	CHA	e	16 13 43	
BOK	iP		13 40 29	DNE 50.3	18	POO	e	17 10 42	
	pP		41 42		18	CHA	iP	17 10 46.4 D	1.6
	PP		42 33			S		11 07.6	
	PPP		43 37			NDI	e	17 11 02	
	e		45 12			e		11 31	
	S		47 16		18	Epc; 5.7S, 104.0E. H=18h 25m			
	sS		49 23			59.0(USCGS) SOUTHERN SUMATRA			
DDI	iP		13 40 40	D		Depth= 47 Kms, Mag= 5.2 (EGS)			
	e		41 59		VIS	eP		18 32 09	
	e		47 47.1		SHL	iP		18 32 32.5 C	
BHK	eP		13 40 42	52.0	CHA	iP		18 33 01 C	
	eS		47 37.4		POO	eP		18 33 17	
NDI	iP		13 40 50	DNE 53.4	NDI	iP		18 33 55 C	42.8
	pP		42 03			eS		40 16	
	iS		47 52.0	M= 7.2	DDI	eP		18 34 01 C	
	sS		50 03		BOM	epP		18 34 58	
VIS	iP		13 40 59	CW	18	CHA	iP	19 11 21 C	
	pP		41 14		18	DDI	eP	23 48 53.9	
	e		48 26			i		50 29.6	
PBA	iP		13 41 00	N 54.5	18	SHL	iP	23 51 21.5 D	
	pP		42 14		18	POO	e	23 54 49.0	
	eS		48 07		19	DDI	iP	02 27 41.9 D	
	sS		50 24			i		29 31.8	
SEH	iP		13 41 16	D 57.0	19	NDI	e	02 29 38	
	pP		42 29		19	Epc: 43.2N, 147.7E. H= 04h 29m			
	eS		48 40			59.7s (USCGS) KURILE ISLANDS			
MDR	eP		13 41 48	61.6		Depth= 29 Kms, Mag= 4.7 (CGS)			
	pP		43 06		SHL	iP		04 38 41 C	48.5
	eS		49 36			eS		45 42	
	sS		51 48		NDI	eP		04 39 46	57.3
POO	iP		13 41 51	D		eS		47 42	
	e		48 49.0		POO	eP		04 40 43	
BOM	iP		13 41 55	D 62.7	19	SHL	iPg	05 09 53.0 DSW	0.34
	pP		43 09			iSg		09 57.4 Felt	
	eS		49 54		19	NDI	e	05 16 50	
GOA	eP		13 42 04	64.0	19	NDI	eP	05 17 04	
	eS		50 12						
	SP		50 31						
KOD	iP		13 42 14.0	DNE 65.7					
	iS		50 30.0						

DECEMBER, 1969

- 13 -

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DATE	STN	PHASE	H. M. S.	△ Deg.	DATE	STN	PHASE	H. M. S.	△ Deg.	
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19	SHL	eP	06 52 51							
19	NDI	eP	07 04 56			P00	eP	14 45 42		
19	NDI	eP	07 23 21			BOM	e	14 45 50	C 17.9	
		i	23 26.5		19	SHL	ePn	15 12 49	1.45	
19	NDI	eP	08 10 24				eSn	13 09		
19	NDI	e	11 12 33		19	Epc: 45.2N, 150.0E. H= 18h 41m 50.8s (USCGS) KURILE ISLAND Depth= 35Kms, Mag= 4.5 (CGS)				
19	Epc: 6.3S, 154.6E. H= 12h 15m 30.7s(USCGS) SOLOMON ISLANDS Depth= 75 Kms, Mag= 4.9 (CGS)					NDI	iP	18 51 47	CSW	
	SHL	iP	12 26 28	CW		P00	eP	18 52 45		
	NDI	eP	12 27 43		19	SHL	ePn	22 44 05	3.9	
	P00	eP	12 27 50				eSn	44 52		
19	Epc: 60.2N, 147.0W. H= 13h 30m 54.6s(USCGS) SOUTHERN ALASKA. Depth= 14Kms, Mag= 5.2 (CGS) Mag= 5.0 ML (CGS)					20	NDI	e	02 53 07	
	SHL	iP	13 43 15	C	20	NDI	eP	03 25 52	8.5	
	CHA	iP	13 43 21	C			eS	27 29		
	NDI	eP	13 43 27		20	PBA	iPg	03 51 15	SW 0.4	
	P00	eP	13 44 17				iSg	51 20		
	VIS	eP	13 44 23				PP	51 26		
19	Epc: 24.4N, 93.6E H= 14h 41m 18.8s(USCGS) BURMA INDIA BORDER REGION Depth= 57 Kms, Mag= 4.7 (CGS)						PPP	51 31		
	*(Please see below)						SS	51 44		
	SHL	iP	14 41 50	CW 1.9	20	SSS	51 51 57			
		eS	42 08		20	Epc: 35.5N, 140.4E. H= 05h 40m 00.9s(USCGS) NEAR EAST COAST OF HONSHU JAPAN Depth= 64 KMS. Mag= 4.8 (CGS)				
	CHA	iP	14 42 51	C 6.1		NDI	eP	05 49 28		
		eS	43 59	M= 5		P00	eP	05 49 58		
	BOK	iP	14 43 01	W 6.8	20	SHL	iPg	08 06 17.8	DNE 1.2	
		S	44 16				iSg	06 33.8		
	CAL	e	14 43 23.2		20	CHA	eP	08 07 43		
		eSn	43 53		20	NDI	eP	09 32 55	11.0	
	BNS	eP	14 44 01				eS	34 59		
	VIS	eP	14 44 23		20	Epc: 7.2S, 129.2E H= 13h 05m 28.5s (USCGS) BANDA SEA Depth= 180 Kms, Mag= 5.3(CGS)				
	DDI	eP	14 44 44			TOC	eP	13 13 49		
	NDI	eP	14 44 48	14.8		SHL	iP	13 13 56	CW	
		PP	44 57			KOD	eP	13 14 38		
		eS	47 27			P00	eP	13 15 18		
*	TOC	ePn	14 41 56	2.2		NDI	iP	13 15 27	CW	
		P*	41 58		20	Epc: 36.6N, 23.5E H= 17h 40m 36.3s (USCGS) SOUTHERN GREECE, Depth= 88Kms, Mag= 4.6 (CGS)				
		Sn	42 20			NDI	iP	17 48 50.0	C	
		Sg	42 25			CHA	iP	17 49 56	D	
					20	CHA	iPg	18 34 52.2	D 0.8	
							eSg	35 02.2		

DECEMBER, 1969

- 14 -

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DATE	STN	PHASE	H. M. S.	∠ Deg.	DATE	STN	PHASE	H. M. S.	∠ Deg.
-----					-----				
20	NDI	e	21 31 40		21	DDI	eP	15 41 15.6	
20	NDI	e	22 48 48				i	42 10.1	
20	NDI	e	23 47 13			NDI	eP	15 41 36	11.1
							eS	43 42	
21	SHL	iP*	00 55 32.0	CNW 1.1		CHA	iP	15 42 36	C
		eS*	55 47.0			POO	eP	15 43 46	
	TOC	eSn	00 56 09		21	SHL	iP	16 48 01	D
21	CHA	iP	00 56 35	C		CHA	i	16 48 58	C
21	SHL	iP*	01 35 37.6	D 1.04	21	CHA	iP	18 43 12	D
		iS*	35 51.6						
21	BOM	e	04 11 08		21	Epc: 45.6N, 26.9E. H= 19h			
21	POO	ePg	09 06 01.5	1.0		06m 22.2s(USCGS)RUMANIA Depth=			
		eSg	06 14.5			34 Kms, Mag= 4.6 (CGS)			
	BOM	ePn	09 06 12	1.6		NDI	eP	19 14 20	
		eSn	06 34			POO	eP	19 14 53	
21	Epc: 28.2N, 130.6E. H= 10h 18m					CHA	iP	19 15 23	D
	02.4s (USCGS) RYUKYU ISLANDS								
	Depth= 28 Kms, Mag= 5.6 (CGS)				21	NDI	iP	19 15 53.5	8.6
	SHL	i P	10 24 50	D			iS	17 33.0	
	BOK	eP	10 25 41	40.6	21	DDI	i	19 17 21.9	
		eS	31 45		21	CHA	iP	19 17 28	D
	NDI	eP	10 26 30		21	CHA	iP	19 20 25	C
	POO	eP	10 27 15.0		21	NDI	iPg	23 45 50.8	DS 0.14
21	Epc: 42.5N, 144.9E. H= 12h						iSg	45 52.6	
	20m 14.8s (USCGS) HOKKAIDO,				21	SHL	e ^P n	23 47 22.4	2.8
	JAPAN REGION. Felt at NEMURO						iSn	47 57	
	AND KUSHIRO Depth= 28 Kms,				22	Epc: 16.9S, 72.9W. H= 00h 06m			
	Mag= 4.9 (CGS)					04.2s (USCGS) NEAR COAST OF			
	SHL	iP	12 28 41			PERU. PROPERTY DAMAGE AT AREQUI-			
	NDI	eP	12 29 50			PA Depth= 50 Kms, Mag= 5.2 (CGS)			
	POO	eP	12 30 47			POO	ePKP	00 25 43	
	KOD	eP	12 31 06			NDI	ePKP	00 25 47	150.0
21	Epc: 16.4S, 72.8W. H = 13h						ePP	29 24	
	03m 53.3s (USCGS) NEAR COAST				22	SHL	eP	01 34 04	
	OF PERU Depth= 68 Kms,				22	NDI	eP	04 57 31	
	Mag= 5.0 (CGS)				22	SHL	eP	05 12 31	
	POO	ePKP	13 23 32.5		22	BOM	e	05 35 06	
	NDI	eP	13 23 38		22	NDI	iPg	08 28 43.5	0.15
	Epc: 6.5S, 108.3E. H= 15h 11m						iSg	28 45.5	
	18.2s (USCGS) JAVA Depth= 221				22	POO	eP	10 27 07.5	
	Kms, Mag= 5.0 (CGS)								
	SHL	iP	15 17 57.0	C	22	Epc: 52.5N, 168.1W H= 11h 19m			
	POO	eP	15 18 48			19.3s(USCGS) FOX ISLANDS			
	NDI	eP	15 19 20	45.9		ALEUTIAN ISLANDS Depth= N,			
		eS	25 47			Mag= 5.2 (CGS) Ms 5.4 (CGS)			
21	CHA	iP	15 23 59	C		Mag= 5-5½ (GOL)			
						SHL	iP	11 31 03	C

DECEMBER, 1969

- 15 -

DATE	STN	PHASE	H.	M.	S.	Δ Deg.	DATE	STN	PHASE	H.	M.	S.	Δ Deg.
	DDI	i P	11	31	24				BOM	•	03	04	45
	BOK	eP	11	31	27	80.2	23	SHL	eP	04	45	57	
		eS		41	37		23	PBA	eP	04	47	23	
	NDI	iP	11	31	32		23	NDI	eP	04	51	50.0	6.4
	BOM	eP	11	32	22	91			eS		53	04.5	
		SKS		42	50		23	POO	•	04	56	57	
		eS		43	18		23	NDI	•	08	30	14	
	POO	eP	11	32	23				•		30	18	
22	NDI	•	12	52	31		23	SHL	iPn	09	34	30.0	C 2.9
22	PBA	iP*	14	46	27	DSE 1.1			iSn		35	06.0	
		PP		46	32		23	SHL	iP	13	24	30	CNW
		PPP		46	38			TOC	eP	13	25	00	
		iS*		46	41				•		25	07	
		SS		46	53			CHA	iP	13	25	30	C
		SSS		47	03			BOK	eP	13	26	49	
22	CHA	iP	15	20	38	C		NDI	eP	13	27	37	13.4
22	CHA	iPg	17	04	08.7	C			eS		30	08	
22	BOM	•	18	01	40		23	Epc: 57.4N, 163.1E, H= 13h 22m 54.2s(USCGS) NEAR EAST COAST OF KAMCHATKA. Depth= N, Mag= 5.4 Ms= 5.5 (CGS)					
22	NDI	•	18	29	17			SHL	iP	13	32	50	C 58.6
									PP		35	10	
									eS		40	56	
	POO	eP	19	58	34			CHA	iP	13	33	02	C 60.4
	SHL	eP	19	59	24				eS		41	21	
22	SHL	iP	23	35	12	C		BOK	eP	13	33	23	63.5
	NDI	•	23	36	35				eS		41	55	
22	SHL	iP	02	26	51.8	CNW 2.0		NDI	iP	13	33	26	CSW 64
		iS		27	18.3				eS		42	06	
	TOC	Sn	02	27	30			SEH	eP	13	33	57	
23	CHA	iPg	02	58	12.7	SE 0.7		POO	iP	13	34	29	74.2
		eSg		58	21.7	M=4.75		BOM	iP	13	34	29	CS 74.2
	BOK	iPn	02	58	55	SW 3.2			eS		44	04	
		Sn		59	34			KOD	iP	13	34	57	CNE
	BNS	ePn	02	59	00	3.7			•		09	01	7
		eSn		59	45				•		10	31	
	SHL	eP*	02	59	13.0	1.1			•		16	56	
		eS*		59	27.5		23	PBA	eS	13	43	21	
	DDI	eP	02	59	57.4	7.5	23	PBA	eP	14	04	04	
		eS		03	01	23			•		14	04	56
	NDI	i P	03	00	02.8	CS 7.8			•		09	01	
		iS		01	31.5				•		10	31	
	VIS	eP	03	00	25	09.7			•		16	56	
		eS		02	19				i		21	16	
	POO	eP	03	01	22		23	TRD	•	14	12	19	
	TOC	•	03	01	30				•		22	09	

DECEMBER, 1969 - 16 -

DATE	STN	PHASE	H.	M.	S.	∠ Deg.
23	Epc: 13.8N, 120.6E, H= 14h 08m 08m 00.5s(USCGS) MINDORO, PHILIPPINE ISLANDS FELT AT iv, BATANGAS iv TALISAY iv Depth=118 Kms, Mag= 5.3 (CGS)					
	SHL	eP	14	13	42	27.7
		eS		18	13	
	SHL	iP	14	13	55	CNW 29.1
		iS		18	37.0	
	CHA	iP	14	14	35	C 33.8
		S		19	49	
	BOK	iP	14	14	36	CNW 34
		iS		19	55	
	VIS	eP	14	14	53	36
		iS		20	25	
	NDI	eP	14	15	46	
	KOD	iP	14	15	46	DE
	POO	eP	14	16	07	45.0
		iS		22	37.0	
	BOM	eP	14	16	14	44.7
		iS		22	51	
23	CHA	iP	15	26	25	D
23	Epc: 44.5N, 147.3E. H= 15h 50m 16.7s (USCGS) KURIL ISL- ANCS Depth= 90Kms, Mag=4.5CGS					
	CHA	iP	15	59	12	C
	NDI	iP	15	59	53.0	DNE
23	EPC: 24.7N, 122.6E. H= 16h 20m 35.8s (USCGS) TAIWAN REGIO REGION. Depth= 19 Kms, Mag= 4.8 (CGS)					
	SHL	iP	16	26	25	D
	CHA	eP	16	27	02	
	NDI	eP	16	28	15	
	POO	eP	16	28	55	
23	SHL	iP	20	50	31.5	CSW 8.1
		eS		52	04	
	TOC	e	20	51	10	
	CHA	iP	20	51	17	D
		i		53	28	
	NDI	eP	20	53	01	
24	POO	e	04	33	29	
24	Epc: 36.0N, 10.4W. H= 05h 04m 44.5s(USCGS) NORTH ATALANTIC OCEAN. (III-IV) Depth=N, Mag= 5.1(CGS) Felt at Rabat					

DATE	STN	PHASE	H.	M.	S.	∠ Deg.
	and Casablanca.					
	NDI	eP	05	16	06	
	SHL	iP	05	17	15	C
24	SHL	eP	06	31	54.5	
24	BOM	e	07	50	19	
24	FBA	iPg	12	21	14	SE 0.6
		iSg		21	22	
		PP		21	25	
		PPP		21	31	
		SS		21	41	
24	Epc: 52.6N, 168.4W. H= 18h 32m 45.0s (USCGS) FOX ISLANDS ALEUTAN ISLANDS Depth= 24 Kms, Mag= 4.5 (CGS)					
	SHL	iP	18	44	29	C
	CHA	iP	18	44	40	D
	NDI	e	18	44	58	
24	NDI	eP	21	02	52	8.6
		eS		04	30	
24	NDI	e	21	33	04	
25	NDI	eP	04	00	35	
25	BOM	e	07	43	36	
25	CHA	iP*	09	18	17.3	C 1.4
		S*		18	36.4	
25	NDI	iP	18	09	56.5	8.5
		iS		11	34	
	CHA	iP	18	11	26	C
25	CHA	eP	18	14	12	
25	BOM	e	18	55	01	
25	Epc: 30.5N, 138.4E. H= 19h 15m 19.0s (USCGS) SOUTH OF HONSHU JAPAN Depth= 438 Kms, Mag= 4.5 (CGS)					
	CHA	iP	19	22	56	C 44
	NDI	iP	19	23	53.0	D 52
	POO	eP	19	24	38.0	58
25	BHK	e	20	27	46.2	
	NDI	ePn	20	28	34	4.2
		iSn		29	24	
25	SHL	eP	20	50	15	
25	Epc: 15.8N, 59.7W. H= 21h 32m 27.3s(USCGS) LEEWARD ISLANDS FELT ON GUADELOUPE, DOMINICA AND MARTINIQUE (VI) FELT AS FAR AS SAN JUAN, P.R AND CARACAS? VENEZUELA TSUNAM HEIGHTS (CREST TO TROUGH.					

DECEMBER, 1969

-17-

DATE	STN	PHASE	H.	M.	S.	∠ Deg.
ST. VINCENT (V) AND ON ANTIGUA AND IN METERS) BARBADOS 0.46, ANTIGUA 0.30 DOMINICA 0.12 Depth= 7 Kms, Mag= 6.4 Ms 7.2 (CGS) Mag 7.0 (PAS), 7.6(GOL)						
	DDI	eP	21	51	18	118.5
		PP		52	36	
	NDI	eP	21	51	18	119.0
		PP		52	40	
	BOM	ePKP	21	51	24	122.0
		ePP		52	59	
		SKS		58	29	
		PS		02	47	
		PPS		04	13	
	POO	ePKP	21	51	26.0	123.0
		ePP		53	17.0	
	SEH	ePKP	21	51	29	
	BNS	ePKP	21	51	29	126.0
				53	31	
	CHA	1P	21	51	35	C 128.0
		PP		53	46	
	BOK	eP	21	51	40	
	KOD	1PKP	21	51	41.3	C
	VIS	ePKP	21	51	42	146.0
	MDR	ePKP	21	51	43	132.0
		SKS		58	55	
	TRD	ePKP	21	51	44	130.0
	SHL	ePKP	21	51	46	
	TOC	ePKP	21	51	46	
	PBA	1P	21	52	03	D 25.4
25	Epc: 16.1N, 59.8W, H= 22h 31m 02.3s(USCGS) LEEWARD ISLANDS Depth= 8 Kms, Mag=6.0Ms=6.5 (CGS)					
	NDI	1PKP	22	49	56	C
	POO	ePKP	22	50	00.5	
	SEH	ePKP	22	50	05	
	CHA	1PKP	22	50	10	C
	KOD	1PKP	22	50	17.0	C
	MDR	ePKP	22	50	20	
25	POO	ePg	23	56	56	
26	Epc: 55.2N, 160.4W H= 00h 18m 21.0s (USCGS) ALASKA Peninsula Depth= 25 Kms, Mag= 5.3 (CGS)					
	SHL	1P	00	30	22	CSW
	CHA	1P	00	30	30	C

DATE	STN	PHASE	H.	M.	S.	∠ Deg.
	DDI	1P	00	30	36	C
	NDI	1P	00	30	45	C
	SEH	eP	00	31	12	
	POO	ePc	00	31	34	
26	SHL	ePg	02	17	57	1.1
		iSg		18	11	
26	DDI	eP	02	20	30.9	
		i		21	40.0	
	BHK	e	02	20	40	
	NDI	ePn	02	20	41	C 4.5
		iSn		21	34.2	
		iSg		21	57	
26	BOM	e	08	23	41	
26	BOM	ePn	08	33	26	5.8
		eSn		34	34	
	POO	eP	08	33	45.5	
	NDI	eP	08	33	57	8.2
		iS		35	33	
		i		36	10	
		i		36	10.5	
26	DDI	i	08	36	49.5	
		i		37	12.0	
26	SHL	1Pg	10	47	17.2	DNE 0.73
		iSg		47	26.7	
26	SHL	1P	15	27	34.0	C
26	NDI	e	15	40	06	
		i		40	07	
26	BOM	e	19	43	10	
26	CHA	1P	20	22	31	D
	SEH	1P	20	22	38.0	D
		eP	21	51	40	
		i		54	58	
		i		56	01	
27	SHL	1P	03	03	46,8	D
27	NDI	eP	06	40	08	6.1
		e		41	16	
		eS		41	19	
27	NDI	eP	09	11	16	5.8
		eS		12	23.5	
27	Epc: 10.0S, 118.9E, H= 09h 11m 20.3s(USCGS) SOUTH OF SUMBAWA ISLANDS Depth= N, Mag= 5.1 (CGS)					
	SHL	eP	09	19	25.0	
	KOD	eP	09	19	41.0	
	POO	eP	09	20	32.0	
	BOM	eP	09	20	39	

DECEMBER, 1969

- 18 -

DATE	STN	PHASE	H.	M.	S.	Mag.	Depth	Location
	BOK	ePP	09	21	12			58.7s(USCGS) KURILE ISLANDS
	NDI	e	09	21	52			Depth= N, Mag=4.6 (CGS)
	e			28	30			SHL iP 14 46 39.0 C
27	SHL	iP	14	36	41.8			CHA iP 14 46 53 C
	NDI	eP	14	38	21.5	12.9		DDI iP 14 47 34.0 C
	eS			40	47.5			NDI eP 14 47 45
27	NDI	e	18	37	30			28 CHA i 15 24 45 D
27	BOM	e	21	09	23			28 Epc: 36.4N, 71.2E. H= 16h 49m
28	Epc: 43.6N, 147.8E. H= 01h 19m 13.4s(USCGS) KURIL ISLANDS							
	Depth= 47 Kms, Mag=4.8 (CGS)							
	SHL	iP	01	27	53			BORDER REGION Depth= 202 Kms, Mag= 4.8 (CGS)
	NDI	eP	01	28	58			DDI iP 16 51 58 D 8.3
	POO	eP	01	30	00.0			eS 53 30.0
28	SHL	iP	03	37	39.5			NDI iF 16 52 10 DN 9.2
	CAL	i	03	38	34			eS 53 47
28	Epc: 50.0N, 77.8E. H= 03h 46m							
	58.0s (USCGS) EASTERN KAZAKH SSR Depth=0Km. Mag=5.7 (CGS)							
	DDI	iP	03	51	29			BHK eS 16 52 46.9
	NDI	eP	03	51	47.0	CS	21.3	CHA iP 16 53 46 C 17.0
	eS			55	40			eS 56 41
	BOM	iP	03	53	20			POO eP 16 54 05
	POO	iP	03	53	27.2			28 Epc: 53.8N, 165.8W. H= 20h
28	NDI:	eP	04	34	07			02m 11.5s (USCGS) FOX ISLANDS
28	KOD	eP	04	54	33.8	CSW		ALEUTIAN ISLANDS Depth= 52 Kms
28	Epc: 43.5N, 147.9E. H= 04h 53m							
	09.2s(USCGS) KURILE ISLANDS							
	FELT AT NEMURO(1) JMA.							
	Depth= 26 Kms, Mag= 5.3 (CGS)							
	SHL	iP	05	01	51			Mag= 4.7 (CGS)
	BOK	iP	05	02	31	CW	54.0	CHA iP 20 14 06 D
	eS			10	06			NDI eP 20 14 25 C
	DDI	i P	05	02	46			POO eP 20 15 25.0
	NDI	iP	05	02	57	DNE	58.5	28 NDI eP 20 23 50
	e			11	00			28 Epc: 40.7N, 19.8E. H= 22h 02m
	POO	eP	05	03	59.0			34.3s (USCGS) ALBANIA FELT AT
	KOD	iP	05	04	13.2	DE		FIERI AND LUSHNOE(V-VI)
28	NDI	eP	05	16	37			Depth= N, Mag= 4.6 (CGS)
28	BOM	e	09	39	02			NDI eP 22 11 11
28	SHL	iP	12	57	58.2	DSE	3.4	CHA iP 22 12 13 D
	iS			58	39.7			28 Epc: 18.4N, 120.3E. H= 22h 47m
28	NDI	eP	13	45	53			38.2s (USCGS) LUXON PHILIPPINE
28	Epc: 43.6N, 147.8E. H=14h 37m							
	Depth=17 Kms, Mag=5.6 Ms=5.8 (CGS) Mag= 5.8 (GOL)							

DECEMBER, 1969

- 21 -

MICROSEISM TABULATION

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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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STATION : BOKARO					13	00	3	0.3	3.6
01	00	3	0.2	4.6		06	3	0.3	3.2
	06	3	0.2	4.2		12	3	0.3	3.3
	12	3	0.3	4.9		18	3	0.3	3.3
	18	3	0.3	5.0	14	00	3	0.3	3.1
02	00	3	0.3	4.7		06	3	0.3	3.7
	06	3	0.2	4.4		12	3	0.3	3.9
	12	3	0.3	5.0		18	3	0.3	3.8
	18	3	0.3	5.1	15	00	3	0.3	4.2
03	00	3	0.3	4.7		06	3	0.3	3.7
	06	3	0.2	4.3		12	3	0.3	4.4
	12	3	0.3	4.8		18	3	0.4	4.9
	18	3	0.3	5.0	16	00	3	0.3	4.4
04	00	3	0.3	4.6		06	3	0.2	3.2
	06	3	0.2	4.1		12	3	0.3	3.8
	12	3	0.3	4.8		18	3	0.3	4.0
	18	3	0.3	4.9	17	00	3	0.2	3.5
05	00	3	0.3	4.7		06	3	0.1	3.5
	06	3	0.2	4.3		12	3	0.2	4.2
	12	3	0.3	4.7		18	3	0.2	4.3
	18	3	0.3	4.9	18	00	3	0.1	3.4
06	00	3	0.2	4.5		06	3	0.1	3.8
	06	3	0.2	4.4		12	3	0.2	4.4
	12	3	0.2	4.9		18	3	0.3	5.0
	18	3	0.1	4.5	19	00	3	0.1	3.3
07	00	3	0.1	4.3		06	3	0.1	4.5
	06	3	0.1	4.5		12	3	0.3	4.9
	12	3	0.1	4.5		18	3	0.3	5.1
	18	3	0.1	4.3	20	00	3	0.2	4.3
08	00	3	0.1	4.3		06	3	0.1	4.5
	06	3	0.2	4.1		12	3	0.3	5.0
	12	3	0.3	4.8		18	3	0.3	5.0
	18	3	0.3	4.8	21	00	3	0.1	4.5
09	00	3	0.3	4.7		06	3	0.1	4.2
	06	3	0.2	4.1		12	3	0.1	4.0
	12	3	0.3	4.6		18	3	0.2	4.5
	18	3	0.3	4.2	22	00	3	0.1	3.1
10	00	3	0.2	4.2		06	3	0.1	3.5
	06	3	0.3	4.4		12	3	0.2	3.6
	12	3	0.2	4.5		18	3	0.2	3.4
	18	3	0.3	4.8	23	00	3	0.1	3.3
11	00	3	0.2	4.7		06	3	0.2	3.7
	06	3	0.2	3.7		12	3	0.3	4.1
	12	3	0.2	3.1		18	3	0.3	4.6
	18	3	0.3	3.6	24	00	3	0.2	3.4
12	00	3	0.3	3.4		06	3	0.2	3.5
	06	3	0.3	3.8		12	3	0.2	3.5
	12	3	0.3	3.6		18	3	0.3	4.4
	18	3	0.3	3.6	25	00	3	0.1	3.0
						06	3	0.1	3.1

DECEMBER, 1969

- 22 -

MICROSEISMIC TABULATION

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	12	3	0.2	4.2	04	00	3	0.3	5.0
	18	3	0.2	3.4		06	3	0.2	1.9
26	00	...	-	-		12	3	0.2	5.1
	06	3	0.1	3.1		18	3	0.2	2.1
	12	3	0.2	4.0		00	3	0.3	5.2
	18	3	0.2	4.2		06	3	0.2	2.0
27	00	3	0.1	4.3		12	3	0.2	5.2
	06	3	0.1	3.8		18	3	0.2	2.1
	12	3	0.3	4.5	05	00	3	0.3	5.2
	18	3	0.3	4.6		06	3	0.2	2.1
28	00	3	0.2	4.0		12	3	0.2	5.2
	06	3	0.1	4.2		18	3	0.2	2.1
	12	3	0.3	4.7		00	3	0.3	5.1
	18	3	0.3	4.5		06	3	0.2	2.2
29	00	3	0.1	4.5		12	3	0.3	5.1
	06	3	0.1	3.9		18	3	0.3	2.1
	12	3	0.2	4.4	06	00	3	0.3	5.3
	18	3	0.2	4.6		06	3	0.2	2.3
30	00	3	0.1	3.8		12	3	0.3	4.7
	06	3	0.1	3.8		18	3	0.3	2.2
	12	3	0.2	4.1		00	3	0.3	3.1
	18	3	0.3	4.8		06	3	0.2	2.1
31	00	3	0.1	4.4		12	3	0.3	5.1
	06	3	0.2	3.8		18	3	0.3	3.3
	12	3	0.1	3.9	07	00	3	0.3	4.9
	18	3	0.2	4.3		06	3	0.3	3.0
STATION : BOMBAY						12	3	0.3	3.1
01	00	3	0.3	5.0		18	3	0.3	3.4
	06	3	0.3	2.9		00	3	0.3	3.6
	12	3	0.3	5.1		06	3	0.3	3.0
	18	3	0.3	2.2	08	00	3	0.3	4.7
	00	3	0.2	5.1		06	...	Shock in Progress	
	06	3	0.3	2.1		12	3	0.2	5.1
	12	3	0.3	5.0		18	3	0.3	3.1
	18	3	0.3	2.0		00	3	0.3	5.1
02	00	3	0.3	5.1		06	3	0.3	2.9
	06	3	0.2	2.0		12	3	0.3	5.0
	12	3	0.3	5.1		18	3	0.3	2.9
	18	3	0.2	2.0	09	00	3	0.3	5.0
	00	3	0.3	5.1		06	3	0.3	5.0
	06	3	0.2	1.9		12	3	0.3	2.9
	12	3	0.3	5.1		18	3	0.3	5.0
	18	3	0.2	2.0		00	3	0.3	3.0
03	00	3	0.3	5.3		06	3	0.3	4.9
	06	3	0.2	2.1		12	3	0.3	3.0
	12	3	0.3	5.1		18	3	0.3	1.8
	18	3	0.2	2.1	10	00	3	0.3	3.1
	00	3	0.3	5.2		06	3	0.3	2.0
	06	3	0.2	1.9		12	3	0.3	3.1
	12	3	0.3	5.2		18	3	0.3	3.1
	18	3	0.2	1.9		00	3	0.3	3.0
						06	3	0.3	1.9

DECEMBER, 1969

- 23 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
11	00	3	0.3	3.1	18	00	3	0.3	6.7
			0.2	2.0				0.3	2.6
	06	3	0.4	3.1		06	3	0.3	6.6
			0.3	2.3				0.3	2.6
	12	3	Surface waves			12	3	0.3	6.5
	18	3	0.5	3.3		18	3	0.3	2.4
			0.4	2.3				0.3	6.3
12	00	3	0.6	3.2				0.3	2.2
			0.3	2.4	19	00	3	0.3	6.3
	06	3	0.7	3.1				0.3	2.1
			0.3	2.3		06	3	0.3	6.2
	12	3	0.7	3.1				0.3	2.2
			0.3	2.1		12	3	0.3	6.2
	18	3	0.5	3.0				0.3	2.4
			0.3	2.3		18	3	0.3	6.2
13	00	3	0.5	3.1				0.3	2.1
			0.3	2.3	20	00	3	0.3	6.3
	06	3	0.3	7.0				0.3	3.0
			0.4	3.0		06	3	0.3	6.1
	12	3	0.3	7.4				0.3	2.2
			0.3	3.0		12	3	0.3	6.1
			0.2	2.0				0.3	3.1
	18	3	0.3	7.3		18	3	0.3	5.8
			0.6	3.0				0.3	2.1
14	00	3	0.6	3.1	21	00	3	0.3	6.0
			0.5	2.0				0.3	2.1
	06	3	0.5	2.5		06	3	0.3	5.6
			0.3	2.0				0.3	2.7
	12	3	0.5	3.0		12	3	0.3	5.7
			0.3	2.0				0.3	2.9
	18	3	0.4	2.7		18	3	0.3	5.7
								0.3	2.2
15	00	Shock in Progress			22	00	3	0.3	5.8
	06	3	0.3	7.2				0.3	3.5
			0.3	2.9				0.2	2.0
			0.2	2.0		06	3	0.3	3.8
	12	3	0.3	7.0				0.3	2.0
			0.3	3.0		12	3	0.3	3.7
	18	3	0.3	6.9				0.3	3.8
			0.3	2.5		18	3	0.3	3.8
16	00	3	0.3	6.7				0.2	2.0
			0.3	2.5	23	00	3	0.4	4.0
	06	3	0.3	7.0				0.2	2.0
			0.3	2.9		06	3	0.3	3.9
	12	3	0.3	6.7				0.2	1.9
			0.3	2.8		12	3	0.4	4.0
	18	3	0.3	7.0				0.3	2.0
			0.3	2.6		18	3	0.4	4.0
17	00	3	0.3	7.0				0.3	2.0
			0.3	2.6	24	00	3	0.4	4.0
	06	3	0.3	6.9				0.2	1.9
			0.3	2.9		06	3	0.3	4.6
	12	3	0.3	2.7				0.2	2.0
	18	3	0.3	6.7		12	3	0.3	4.2
			0.3	2.4				0.3	3.1
								0.2	2.0

DECEMBER, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	18	3	0.4	3.9		18	3	0.3	5.0
			0.3	1.9					
25	00	3	0.3	4.0	02	00	3	0.5	5.0
			0.2	2.0		06	3	0.3	0.6
	06	3	0.3	4.2				0.4	5.0
			0.2	1.8		12	3	0.3	0.6
	12	3	0.3	4.1				0.4	5.5
			0.3	3.0		18	3	0.4	5.5
	18	3	0.3	4.1	03	00	3	0.2	1.0
			0.3	2.0				0.4	5.0
26	00	3	Shock in Progress			06	3	0.2	0.6
	06	3	0.4	4.3				0.3	5.5
			0.2	2.0		12	3	0.2	0.6
	12	3	0.4	4.2				0.3	5.0
			0.3	3.0	04	00	3	0.5	5.0
	18	3	0.4	4.2				0.2	0.6
			0.3	3.0		06	3	0.3	5.5
			0.2	2.0				0.3	0.6
27	00	3	0.4	4.0		12	3	0.2	0.6
			0.2	2.0				0.3	5.5
	06	3	0.3	3.9		18	3	0.2	1.0
			0.2	2.0				0.5	6.0
	12	3	0.4	3.9	05	00	3	0.2	1.0
			0.2	3.0				0.4	4.5
	18	3	0.4	3.8		06	3	0.2	0.6
			0.3	3.1				0.4	5.0
28	00	3	0.4	3.8		12	3	0.2	0.6
			0.3	3.2				0.4	5.0
	06	3	0.3	3.7		18	3	0.2	0.6
			0.3	2.8				0.4	5.5
	12	3	0.3	3.8	06	00	3	0.4	5.0
			0.3	2.6				0.3	0.6
	18	3	0.3	2.6		06	3	0.3	4.0
			0.3	2.9				0.3	0.6
29	00	3	0.3	3.1		12	3	0.3	0.6
			0.3	3.4				0.3	5.0
	06	3	0.3	3.3		18	3	0.3	0.6
			0.3	3.8				0.3	4.5
	12	3	0.3	3.0	07	00	3	0.2	4.0
			0.3	3.0				0.4	4.0
30	00	3	0.4	3.7		06	3	0.4	4.5
			0.3	3.0				0.4	4.0
	06	2	0.3	3.3		12	3	0.3	4.0
			0.3	3.2	08	00	3	0.4	4.5
	12	2	0.3	3.2				0.2	1.0
			0.4	3.3		06	3	0.5	5.0
31	00	2	0.2	3.1				0.2	1.0
			0.3	3.1		12	3	0.4	4.0
	06	2	0.3	3.1				0.4	5.0
			0.3	3.1	09	00	3	0.5	5.0
	12	2	0.3	3.1				0.2	0.6
			0.3	3.1		06	3	0.4	5.5
STATION : CALCUTTA								0.4	5.5
01	00	3	0.4	4.5		12	3	0.2	0.6
			0.4	5.0				0.4	5.0
	06	3	0.2	0.6		18	3	0.5	5.0
			0.4	5.0					

DECEMBER, 1969

- 26 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
26	00	...	-	-	Cont	12	...	-	-
	06	3	0.4	0.6		18	...	-	-
			0.5	3.5					
	12	3	0.4	0.6	03	00	3	0.5	3.0
			0.4	3.0		06	3	0.5	2.8
	18	3	0.5	5.0		12	3	0.5	2.8
27	00	3	0.3	3.0		18	3	0.5	3.0
			0.2	4.0	04	00	3	0.5	3.0
	06	3	0.4	1.0		06	3	0.4	3.0
			0.4	4.0		12	3	0.4	3.0
	12	3	0.2	0.6		18	3	0.4	3.0
			0.3	4.0	05	00	3	0.4	3.4
	18	3	0.4	1.0		06	3	0.4	3.2
			0.4	5.0		12	3	0.4	3.2
28	00	3	0.2	0.6		18	3	0.4	3.2
			0.4	6.0	06	00	3	0.4	3.2
	06	3	0.4	0.6		06	3	0.5	3.0
			0.4	5.5		12	3	0.4	3.0
	12	3	0.4	0.6		18	3	0.4	3.0
			0.5	5.5	07	00	3	0.4	3.0
	18	3	0.2	0.6		06	...	-	-
			0.5	5.0		12	3	0.4	3.0
29	00	3	0.3	0.6		18	3	0.5	3.2
			0.4	5.0	08	00	3	0.4	3.2
	06	3	0.3	0.6		06	3	0.5	3.2
			0.4	5.5		12	3	0.4	3.2
	12	3	0.4	0.6		18	3	0.4	3.0
			0.4	5.0	09	00	3	0.5	3.0
	18	3	0.2	0.6		06	3	0.5	3.4
			0.4	4.5		12	3	0.5	3.2
30	00	3	0.2	1.0		18	3	0.5	3.0
			0.3	4.5	10	00	3	0.5	3.0
	06	3	0.4	0.6		06	3	0.5	3.2
			0.4	5.0		12	3	0.5	3.0
	12	3	0.3	0.6		18	3	0.5	3.2
			0.4	5.0	11	00	3	0.5	3.2
	18	3	0.2	0.6		06	3	0.5	3.2
			0.3	4.0		12	3	0.6	3.4
31	00	3	0.2	0.6		18	3	0.6	3.4
			0.3	4.5	12	00	3	0.6	3.6
	06	3	0.4	0.6		06	3	0.8	3.6
			0.3	4.0		12	3	0.6	3.4
	12	3	0.4	0.6		18	3	0.5	3.2
			0.3	4.0	13	00	3	0.6	3.4
	18	3	0.3	0.6		06	3	0.6	3.4
			0.2	4.5		12	3	0.6	3.2
						18	3	0.6	3.4
STATION : GOA N.S									
01	00	3	0.3	4.2					
	06	3	0.5	3.4	14	00	3	0.8	3.4
	12	3	0.5	3.6		06	3	1.0	3.4
	18	3	0.5	3.4		12	3	1.2	3.4
02	00	3	0.5	3.2		18	3	1.0	3.2
	06	3	0.4	3.0					

DECEMBER, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
08	00	2	0.5	3.0
	03	2	0.5	3.1
	06	2	0.5	3.0
	12	2	0.5	2.8
	18	2	0.5	3.0
09	00	2	0.6	2.9
	03	2	0.6	2.9
	06	2	0.6	2.9
	12	2	0.6	3.0
	18	2	0.7	3.1
10	00	2	0.7	3.0
	03	2	0.9	3.1
	06	2	0.9	3.1
	09	2	0.9	3.1
	12	2	0.9	3.1
	15	2	0.9	3.1
	18	1	1.0	3.1
	21	1	1.0	3.1
11	00	1	1.1	3.1
	03	1	1.2	3.1
	06	1	1.4	3.2
	09	1	1.6	3.2
	12	1	1.7	3.3
	13	1	1.9	3.2
	14	1	1.8	3.2
	15	1	1.8	3.2
	16	1	2.0	3.1
	17	1	1.9	3.2
	18	1	2.0	3.2
	19	1	1.9	3.2
	20	1	2.1	3.2
	21	1	2.0	3.3
	22	1	2.1	3.2
	23	2	2.1	3.2
12	00	1	2.0	3.2
	01	1	2.1	3.2
	02	1	2.2	3.3
	03	1	2.3	3.1
	04	1	2.4	3.2
	05	1	2.1	3.1
	06	1	2.0	3.1
	07	1	1.9	3.2
	08	1	1.9	3.0
	09	1	1.9	3.1
	10	1	1.9	3.1
	11	1	1.8	3.1
	12	1	1.8	3.1
	13	1	1.8	3.0
	14	1	1.7	3.0
	15	1	1.6	3.0
	16	1	1.5	3.0
	17	1	1.4	3.1
	18	1	1.4	3.0
	21	1	1.3	2.9

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
13	00	1	1.2	2.9
	03	1	1.2	2.9
	06	1	1.1	2.8
	09	1	1.0	2.7
	12	1	1.1	2.8
	15	1	1.0	2.9
	18	1	1.0	3.0
	21	1	1.1	2.9
14	00	1	1.0	3.0
	03	...	- Earthquake	
	06	1	0.8	3.0
	12	1	0.9	3.0
	18	1	0.8	3.1
15	00	1	0.8	3.5
	03	1	0.8	3.2
	06	1	0.9	3.3
	12	1	0.9	3.5
	18	1	0.8	3.5
16	00	1	0.8	3.7
	03	1	0.8	3.4
	06	1	0.8	3.3
	12	1	0.7	3.2
	18	2	0.7	3.2
17	00	2	0.6	3.2
	03	2	0.6	3.1
	06	2	0.6	3.3
	12	2	0.6	3.1
	18	2	0.6	3.2
18	00	2	0.6	3.1
	03	2	0.5	3.0
	06	2	0.5	2.9
	12	2	0.5	3.0
	18	2	0.5	2.9
19	00	2	0.4	2.7
	03	2	0.4	3.0
	06	2	0.4	2.9
	12	2	0.4	2.9
	18	2	0.4	2.9
20	00	2	0.4	2.8
	03	2	0.4	2.9
	06	2	0.5	2.9
	12	2	0.5	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	2.9
	12	2	0.5	2.9
	18	2	0.6	3.0
22	00	2	0.6	2.9
	03	2	0.6	3.0
	06	2	0.6	3.0
	09	2	0.7	3.1

DECEMBER, 1969

- 30 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
11	00	3	2.9	3.1	Cont	18	3	3.1	4.5
	06	3	2.8	3.0	24	00	3	3.0	3.8
	12	3	2.9	3.0		06	3	3.1	3.7
	18	3	2.8	3.1		12	3	3.1	3.7
12	00	3	2.6	3.3		18	3	2.9	3.8
	06	3	2.5	3.3	25	00	3	2.9	3.6
	12	3	2.6	3.4		06	3	2.8	3.5
	18	3	2.6	3.4		12	2	2.8	3.7
13	00	3	2.4	3.1		18	3	2.7	3.6
	06	3	2.8	3.0	26	00	...	-	-
	12	3	3.0	4.8		06	3	2.6	3.4
	18	3	3.2	4.9		12	3	2.5	3.3
14	00	3	3.5	5.0		18	3	2.6	3.5
	06	3	3.6	5.8	27	00	3	2.5	3.5
	12	3	3.7	5.8		06	3	2.4	3.8
	18	3	4.0	5.8		12	3	2.4	3.7
15	00	3	3.9	5.7		18	3	2.4	3.5
	06	...	-	-	28	00	3	2.4	3.5
	12	...	-	-		06	3	2.4	3.6
	18	...	-	-		12	3	2.5	3.7
16	00	...	-	-		18	3	2.6	3.6
	06	3	3.4	5.6	29	00	3	2.6	3.8
	12	3	3.6	5.8		06	...	-	-
	18	3	3.7	5.8		12	...	-	-
17	00	3	3.6	5.7		18	...	-	-
	06	...	-	-	30	00	...	-	-
	12	...	-	-		06	3	2.9	4.5
	18	...	-	-		12	3	3.0	4.6
18	00	...	-	-		18	3	3.0	4.8
	06	3	3.5	5.6	31	00	3	3.1	3.7
	12	3	3.6	5.5		06	3	3.1	3.8
	18	3	3.5	5.4		12	3	3.0	3.7
19	00	3	3.4	5.3		18	3	3.0	3.7
	06	3	3.0	5.2	STATION : SHILLONG				
	12	3	3.1	5.1	01	00	3	0.4	5.0
	18	3	3.0	5.0		06	3	0.5	4.8
20	00	3	2.9	5.0		12	3	0.4	5.0
	06	3	2.9	4.5		18	3	0.4	4.0
	12	3	2.9	4.4	02	00	3	0.3	4.0
	18	3	3.0	3.8		06	...	-	-
21	00	3	3.0	3.8		12	3	0.5	5.0
	06	3	2.8	3.4		18	3	0.4	4.8
	12	3	3.0	3.4	03	00	3	0.4	4.0
	18	3	3.0	3.5		06	3	0.3	4.0
22	00	3	3.0	3.5		12	3	0.4	4.6
	06	3	2.8	2.6		18	3	0.4	4.6
	12	...	-	-	04	00	3	0.4	4.8
	18	3	2.8	3.5		06	3	0.3	4.2
	00	3	2.9	3.5		12	3	0.4	5.0
	06	3	3.0	3.7		18	3	0.3	4.2
	12	...	-	-					

DECEMBER, 1969

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
05	00	3	0.3	4.0
	06	3	0.3	4.8
	12	3	0.3	5.0
	18	3	0.3	4.4
06	00	3	0.3	5.0
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.3	4.2
07	00	3	0.4	4.2
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.3	4.0
08	00	3	0.3	5.0
	06	3	Earthquake	
	12	3	0.3	4.0
	18	3	0.3	4.0
09	00	3	0.3	4.6
	06	3	0.4	5.0
	12	3	0.3	4.0
	18	3	0.4	4.4
10	00	3	0.3	4.8
	06	3	0.3	4.0
	12	3	0.3	3.8
	18	3	0.3	4.0
11	00	3	0.3	4.0
	06	3	0.3	5.0
	12	3	0.3	0.0
	18	3	0.3	3.8
12	00	3	0.3	3.8
	06	3	0.3	4.8
	12	3	0.4	4.0
	18	3	0.3	5.0
13	00	3	0.3	4.6
	06	3	0.3	3.8
	12	3	0.3	4.6
	18	3	0.3	3.8
14	00	3	0.4	4.0
	06	3	0.4	5.0
	12	3	0.4	4.6
	18	3	0.3	4.0
15	00	3	0.3	4.0
	06	3	0.3	4.0
	12	3	0.3	4.8
	18	3	0.3	4.8
16	00	3	0.3	4.0
	06	3	0.3	4.2
	12	3	0.3	4.0
	18	3	0.3	4.0
17	00	3	0.3	4.8
	06	3	0.3	4.0

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
Cont	12	3	0.3	4.0
	18	3	0.3	4.8
18	00	3	0.3	3.8
	06	3	0.3	4.5
	12	3	0.3	4.6
	18	3	0.2	4.5
19	00	3	0.2	4.0
	06	3	0.3	4.0
	12	3	0.3	4.8
	18	3	0.3	4.8
20	00	3	0.3	5.0
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.3	4.8
21	00	3	0.2	4.0
	06	3	0.2	4.8
	12	3	0.2	4.5
	18	3	0.2	4.0
22	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.2	3.4
	18	3	0.2	3.2
23	00	3	0.3	4.2
	06	3	0.3	4.0
	12	3	0.3	4.0
	18	3	0.2	4.2
24	00	3	0.3	4.8
	06	3	0.2	4.0
	12	3	0.2	4.0
	18	3	0.2	4.0
25	00	00	0.0	0.0
	06	3	0.2	4.2
	12	3	0.2	4.8
	18	3	0.3	5.0
26	00		Earthquake in Progress	
	06	3	0.2	4.5
	12	3	0.2	4.0
	18	3	0.3	4.4
27	00	3	0.3	4.4
	06	3	0.2	4.0
	12	3	0.3	4.0
	18	3	0.4	4.0
28	00	3	0.3	4.8
	06	3	0.2	4.4
	12	3	0.4	4.2
	18	3	0.3	4.4
29	00	3	0.2	4.0
	06	3	0.2	4.0
	12	3	0.3	4.0
	18	3	0.2	4.6

DECEMBER, 1969

- 32 -

DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
30 00	3	0.3	4.8	11 00	2	0.4	3.2
06	...	-	-	06	...	Power failure	
12	3	0.2	4.0	12	2	0.4	3.3
18	3	0.2	4.0	18	2	0.4	3.2
31 00	3	0.3	4.8	12 00	2	0.5	3.4
06	3	0.2	4.0	06	2	0.5	3.3
12	3	0.3	4.8	12	2	0.5	3.5
18	3	0.3	4.0	18	2	0.3	3.1
STATION : TRIWANDRUM				13 00	2	0.4	3.2
01 00		Minute		06	2	0.4	3.0
06				12	2	0.5	3.3
12	2	0.2	2.6	18	2	0.5	3.1
18	2	0.3	2.6	14 00	2	0.4	3.6
02 00	2	0.2	2.4	06	...	Power failure	
06	2	0.3	2.4	12	2	0.4	3.2
12	2	0.3	2.5	18	2	0.5	3.6
18	2	0.3	2.7	15 00	2	0.5	3.6
03 00	2	0.3	2.7	06	...	Power failure	
06	2	0.4	3.2	12	2	0.4	3.6
12	2	0.4	3.0	18	2	0.5	3.7
18	2	0.3	3.0	16 00	2	0.4	3.3
04 00	2	0.3	3.0	06	2	0.3	3.0
06	2	0.3	3.6	12	2	0.3	3.1
12	2	0.3	2.5	18	2	0.3	3.0
18	2	0.3	2.8	17 00	2	0.3	3.1
05 00	2	0.3	2.7	06	2	0.3	3.8
06	2	0.3	2.9	12	2	0.3	3.1
12	0.3	Minute		18	2	0.3	3.6
18	2	0.3	2.9	18 00	2	0.2	3.2
06 00	2	0.3	2.6	06	2	0.2	3.0
06	2	0.3	2.5	12	2	0.2	3.0
12	2	0.3	2.6	18	2	0.3	2.9
18	2	0.3	2.6	19 00	2	0.3	3.0
07 00	...	Power failure		06	2	0.3	3.0
06	...			12	2	0.3	3.4
12	2	0.3	2.6	18	2	0.3	3.7
18	2	0.3	2.5	20 00	2	0.4	3.7
08 00	2	0.4	2.6	06	2	0.3	3.2
06	2	0.4	2.8	12	2	0.3	3.0
12	2	0.3	2.7	18	2	0.3	3.1
18	2	0.4	3.1	21 00	2	0.3	2.8
09 00	2	0.3	3.0	06	2	0.3	3.2
06	2	0.4	3.2	12	2	0.3	3.0
12	2	0.3	3.4	18	2	0.3	2.9
18	2	0.3	3.4	22 00	2	0.3	3.0
10 00	2	0.3	3.2	06	2	0.3	3.1
06	2	0.3	3.3	12	2	0.3	3.4
12	2	0.3	3.2	18	2	0.4	3.6
18	2	0.4	3.2	23 00	2	0.3	3.2
				06	2	0.3	3.6

DECEMBER, 1969

- 33 -

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DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
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Cont	12	2	0.3	3.5	Cont	18	1	0.4	2.7
	18	...	Break in record		05	00	1	0.3	2.7
24	00	...	Break in record		06	06	1	0.3	2.8
	06	2	0.3	3.8	12	12	1	0.3	2.7
	12	2	0.4	3.5	18	18	1	0.3	3.0
	18	0.4	0.4	3.7	06	00	1	0.2	3.2
25	00	2	0.4	3.2	06	06	2	0.5	4.6
	06	2	0.4	3.9	12	12	2	0.4	4.5
	12	2	0.5	3.9	18	18	2	0.5	4.3
	18	2	0.4	3.8	07	00	2	0.4	3.8
26	00	...	Surface waves		06	06	2	0.4	3.5
	06	2	0.5	3.9	12	12	2	0.4	3.6
	12	2	0.5	3.8	18	18	2	0.5	3.7
	18	2	0.4	4.0	08	00	2	0.4	3.6
27	00	2	0.4	4.0	06	06	2	0.7	4.0
	06	2	0.4	3.6	12	12	2	0.6	4.5
	12	2	0.3	3.6	18	18	2	0.6	4.0
	18	2	0.3	3.6	09	00	2	0.5	4.2
28	00	2	0.4	3.4	06	06	1	0.3	2.5
	06	2	0.4	3.2	12	12	1	0.3	2.5
	12	2	0.3	3.4	18	18	1	0.5	2.8
	18	2	0.2	3.4	10	00	1	0.4	2.8
29	00	2	0.3	3.1	06	06	1	0.4	2.6
	06	2	0.4	3.4	12	12	1	0.4	2.7
	12	2	0.4	3.5	18	18	1	0.3	2.6
	18	2	0.3	3.4	11	00	1	0.5	2.9
30	00	2	0.4	3.3	06	06	1	0.9	3.0
	06	2	0.5	3.0	12	12	1	1.0	3.2
	12	2	0.5	3.3	18	18	1	1.4	3.5
	18	2	0.5	3.1	12	00	1	1.4	3.5
31	00	2	0.6	3.2	06	06	1	1.2	3.2
	06	2	0.6	3.1	12	12	1	1.2	3.4
	12	2	0.5	2.9	18	18	1	1.7	3.5
	18	2	0.4	3.1	13	00	1	2.2	3.4
STATION : VISAKHAPATNAM					06	06	1	1.9	3.4
01	00	1	0.5	3.2	12	12	1	2.1	3.2
	06	2	0.6	4.5	18	18	1	1.2	3.2
	12	2	0.6	4.5	14	00	1	1.1	3.1
	18	2	0.6	4.5	06	06	1	0.8	3.0
02	00	2	0.5	4.5	12	12	1	0.7	3.0
	06	1	0.3	2.5	18	18	1	0.6	3.2
	12	1	0.3	2.7	15	00	1	0.5	3.1
	18	1	0.3	2.7	06	06	1	0.4	2.9
03	00	1	0.2	2.6	12	12	1	0.4	3.1
	06	1	0.1	2.5	18	18	1	0.4	3.1
	12	1	0.2	2.5	16	00	1	0.4	3.1
	18	1	0.1	2.5	06	06	1	0.5	3.3
04	00	1	0.2	2.6	12	12	1	0.5	3.2
	06	1	0.3	2.6	18	18	1	0.5	3.3
	12	1	0.3	2.7					

DECEMBER, 1969

- 34 -

DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.	DATE	HOUR	K	MEAN Amplitude in mm.	MEAN Period in sec.
17	00	1	0.5	3.4	Cont	12	1	0.4	2.8
	06	1	0.5	3.5		18	1	0.4	2.9
	12	1	0.5	3.3	25	00	1	0.4	2.9
	18	2	0.4	3.0		06	1	0.4	2.8
18	00	2	0.4	3.0		12	1	0.5	3.0
	06	1	0.2	2.5		18	1	0;6	3.2
	12	1	0.3	2.8	26	00	1	0.6	3.1
	18	1	0.3	2.8		06	1	0.6	2.8
19	00	1	0.2	2.6		12	1	0.6	3.2
	06	2	0.5	4.6		18	1	0.4	2.9
	12	2	0.5	4.8	27	00	1	0.4	2.8
	18	2	0.4	4.6		06	1	0.3	2.8
20	00	2	0.3	4.4		12	1	0.3	2.6
	06	1	0.3	2.8		18	1	0.4	2.5
	12	1	0.3	2.6	28	00	1	0.3	2.6
	18	1	0.3	2.6		06	1	0.4	3.0
21	00	1	0.3	2.6		12	1	0.4	2.6
	06	1	0.3	2.5		18	1	0.5	2.6
	12	1	0.3	2.6	29	00	1	0.5	2.5
	18	1	0.4	2.5		06	1	0.3	3.0
22	00	1	0.4	2.5		12	1	0.3	2.8
	06	1	0.3	2.5		18	1	0.3	2.8
	12	1	0.4	2.5	30	00	1	0.3	2.7
	18	1	0.5	3.0		06	1	0.3	2.8
23	00	1	0.5	3.0		12	1	0.3	2.8
	06	1	0.3	3.0		18	1	0.2	2.6
	12	1	0.3	3.0	31	00	1	0.2	2.9
	18	1	0.3	3.1		06	1	0.3	2.6
24	00	1	0.3	2.7		12	1	0.3	2.6
	06	1	0.4	3.0		18	1	0.3	2.4

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Rana