

Jan 1965

MINISTRY OF DEVELOPMENT
Geological Survey
Division of Quaternary & Recent Geology
Seismological Laboratory
Jerusalem

Address:

Seismological Laboratory
Geography Building, Hebrew University Campus
Jerusalem, Israel

Seismological Bulletin
January 1965

Coordinates:

Jerusalem: Lat. $31^{\circ} 46' 19''$ N; Long $35^{\circ} 11' 50''$ E

Elevation: 770 m.

Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardized Seismograph system

Constants:

Instruments	Comp.	Free Period (sec)		Magnification
		Pendulum	Galvanometer	
Sprengnether	Z,N,E	30	100	1,500 at 30 sec.
Benioff	Z,N,E	1.0	0.75	50,000** at 1.0 sec.

**) During January 11-20 Magnification was changed to 25,000.

Abbreviations:

T - Wave period in seconds

Mu - Ground displacement in millimicrons

Epicenter data - Generally from USCGS

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Jer.

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
15	eP	18	45	50	23	eP	02	43	4(6)
	23.6N;121.7E. Taiwan M=5.6					44.2N;18.0E. Yugoslavia			
	eP	23	52	58		M=5.0			
	37.5N;4.3E. Algeria M=4.7					eD	08	01	93
						e(B)		02	45
16	iPKP	01	29	29.6		iP	23	36	03.1D
	20.7S;178.7W. Fiji Is. reg.					Mu=90, T=1.2			
	M=4.7 h=520Km.					7.4N;123.9E. Mindano P.Is.			
						M=5.3 h=627Km			
17	eP	03	41	12	24	eP	00	24	22
	i S		42	23.5		eS		35	0(6)
	34.5N;27.8E. Eastern Med. Sea					iPS			53.5
	M=4.8					Mu=300, T=1.7			
	iPKP	08	39	32.3D		2.4S;126.0E. Ceram Sea			
	15.1S;173.7W Tonga Is. M=5.4					M=6.6			
	ePKP	09	20	39		iP	14	03	45.5C
	i			44.6		from N.W. Local			
	16,4S;174.3W. Tonga Is. M=5.3					eP	17	11	52
	h=123Km.					eS		12	11
	iPKP	11	01	58.2C	25	e(S)	01	03	34
	epPKP		04	06		eP	12	17	53
	Mu=130; T=1.0sec.					eS		18	33
	24.5S;178.4E. South of Fiji					iP	12	19	27.0D
	Is. M=5.5 h=568Km.					eS		20	06
	iP	13	57	01.7D		34.5N;32.8E. Cyprus M=4.8			
	Local (from N.W.)					eP	18	38	05
	eS	20	53	15		iS			44.5
	iP	21	09	26.6C	26	e(S)	13	43	04
	Mu=130; T=0.9					e(P)	22	07	01
	6.8S;109.1E. Java M=6.5					e(S)		28	24
	h=242Km.					eP	22	56	02
18	eP	00	31	51		eS			40
	30.1N;138.6E. South of Honshu					eP	23	50	09
	Japan. M=4.8 h=415Km.					eS			50
	iP	03	34	39.5		eP	23	59	50.0D
	37.9N;72.1E. Tadzhic S.S.R.					Mu=60, T=1.2			
	M=4.9					36.1N;139.5E. Honshu, Japan			
						h=104Km. M=5.4			
20	eP	20	39	3(4)	27	e(P)	03	34	5(0)
	i			49		e(S)		36	07
	46.3N;152.3E. Kurile Is.				28	eP	02	45	28
	M=4.6					ePcP		46	09
21	iPKP	02	24	34.6		2.5S;102.5E. Southern			
	Mu=54 T=1.0					Sumatra. M=5.6			
	15.9S;173.2W. Tonga Is. M=5.1					eP	12	12	30
22	iP	02	50	55.5		eS		13	22
	Mu=40, T=1.2					iP	17	38	02.6
	20.1N;94.5E. Burma M=5.5					eS		39	25
	iPKP	05	37	55.1		Mu=30, T=0.5			
	epPKP		38	56		iP	17	47	10.6
	Mu=65, T=1.0					eS		48	24
	19.7S;176.1W. Fiji Is. reg.					Mu=23, T=0.7			
	M=4.7 h=210Km.								

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
29	eP	00	56	56	30	iP	00	05	15.0
	eS		57	14		eS		06	32
	ePKP	03	47	03.7		eP	12	11	1(6)
	21.2S;178.9W. Fiji Is. reg. M=4.8 h=550Km.					eS		12	4(0)
	eS	06	05	4(9)		ePKP	18	00	20
	iP	07	31	24.5		13.0S;169.4E. Santa Cruz Is. M=5.2 h=647Km.			
	Mu=52, T=0.7				31	eP	07	33	20
	eP	11	42	46		eP	13	17	51
	eS		43	46		eS		19	55
	eP	19	18	40		iP	18	47	36.2
	eS		20	03		eS		48	58
	eP	20	12	28					
	35.6N;73.6E. North western Kashmir M=5.7								
	iP	23	40	44.4					
	eS		42	00					
	Mu=40, T=0.5								
	34.8N;27.6E. Eastern Med. Sea M=5.1								

N.B. Epicenter data: mostly from U.S.C.&G.S.

E. Arieh

Chief, Seismological Laboratory.

Feb. 1965

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Geological Survey
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Seismological Bulletin
February 1965

Coordinates: Lat $31^{\circ} 46' 19''$ N; Long $35^{\circ} 11' 50''$ E

Elevation: 770 Meters

Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardized Seismograph System

Constants:

Instruments	Comp.	Free Period (sec.)		Magnification
		Pendulum.	Galvanometer	
Benioff variable Reluctance	Z,N,E	1.0	0.75	Feb. 1-6 25000
				" 7-14 12500
				" 15-18 25000
				" 19-28 50000
Sprengnether	Z,N,E	30	100	1 -11 1500
				12-28 750

Abbreviation:

T - Wave period in Seconds

Mu - Ground Displacement in Microns

Epicenter data - Generally from USCGS.

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Date	Phase	G.C.T.			Date	Phase	G.C.T.		
16	eS	14	24	49.5	25	eP	05	35	06
	iP	17	07	24.3					
	eS			43					
	iP	18	01	40.0		iP	10	43	15.3
		7.9N;126.6E. Magn.=5.3					23.8N;94.8E. Burma India Border Magn.=5.4		
	iP	19	14	52.5		e	13	19	21
	eS		16	26					
		38.1N;28.1E. Turkey					Local		
	eP	20	05	12		eP	16	16	40
	eS		06	53			19.2N;121.2E. Philippine Is. Magn.=5.1		
17	eP	10	31	50		iPKP	19	42	37.5
		51.8N;176.6E. Aleutian Is, Magn.=5.6					11.4S;166.1E. Santa Cruz Is. Magn.=5.7		
	eP	19	45	38	26	eP	01	41	28
		03S;19.0W. Central Mid Atlantic Ridge. Magn.=4.9				eS		45	15
18	iP	04	35	41.2			35.1N;57.6E. Iran. M=5.2		
	iP	13	49	22.4		eP	03	15	47
	eS			27		eS		17	13
	e	22	38	35		ePKP	05	55	44
	iP	23	16	45.4			18.9S;176.3W. Fiji Is. Reg. Magn.=5.4		
	iS		17	11.4		eP	09	07	26
19	e	21	30	42			6.7S;102.7E S.W. of Sumatra Magn.=6.1		
20	eP	18	16	07		eP	20	04	44
	eS		17	00		eS		06	42
	eP	19	08	20			34.7N;22.5E. Med. Sea		
	iS			59.7	27	iP	02	13	42.7
	e(P)	22	52	25			25.1N;128.2E. Ryukyu Is. Magn.=5.2		
		38.4N;219E. Greece Magn.=4.5				iP	11	35	50.3C
	eP	23	12	17.4		e		45	42.5
21	iPKP	11	34	3.5			24.2N;5.1E. Southern Algeria Magn.=5.8		
22	eP	12	19	41					
	eS		20	13					
23	iPKP	22	30	30.5					
	ePP		31	29					
	ePPP		34	02					
	eSKKS		37	16					
		25.7S;70.5W. Near coast of Northern Chile Magn.=6.2							
24	e	13	31	18					
	e		32	33					
	iP	22	54	23.7					
	iS		56	05.5					
25	ePKP	05	10	09					
	ePP		11	14					
		5.5S;152.0E. Near Britain Reg. Magn.=5.9							

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March 1965

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March 1965

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Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardized Seismograph System

Constants:

Instruments	Comp.	Free Period (sec)		Magnification
		Pendulum	Galvanometer	
Benioff variable Reluctance	Z, N, E	1.0	0.75	50.000 at 1.0 sec.
Sprongnether	Z, N, E.	30	100	March 1-15 750 " 16-31 1500

Abbreviations:

T - Wave period in Seconds

Mu ← Ground displacement in millimicrons

Epicenter data - generally from USCGS

Jerusalem Seismological Bulletin
March 1965

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
1	eSKS	21	57	14	3	ePKP	15	32	50
	15.4N;92.5W. Mexico-Guatemala border. M=5.9					5.5S; 151.9E. New Britain reg. M=6.0			
	ePKP	22	10	46		iP	17	00	12.8
	23.5S;179.0E. Fiji Is. M=5.2 h=541Km.					Mu=48, T=1.0 53.1N;171.2E. Rat Is. Aleutian Is. M=5.6			
2	ePKP	00	12	26		eP	17	49	45
	27.3S;177.9W. Fiji Is. M=5.0					5.6S;103E. Southern Sumatra. h=233Km.			
	ePKP	09	39	34		iP	19	41	42.7
	27.2S;177.9W. Kermadec Island M=5.6					45.7N;150.9E. Kurile Is. M=5.1			
	ePKP	16	54	15		iPKP	20	15	07.7
	Mu=37, T=1.1 27.0S;177.7W. Fiji Is. M=4.9					27.1S;177.7W. Kermadec Is. M=5.1			
	ePKP	20	10	53		ePKP	21	32	08
	27.2S;177.9W Fiji Is. M=5.1					27.2S;177.7W. Kermadec Is. M=5.0			
	eP	21	48	30		e(S)	00	32	52
	28.2N;139.3E. Bonin Is. reg. M=5.7, h=495.					e	01	59	10
	iP	22	02	10.4D		e	02	00	59
	eS		03	45		ePKP	04	13	05
	38.6N;28.3E. Turkey M=5.2				4	20.9S;174.8W. Tonga Is. M=5.1			
	ePKP	23	50	24		e	04	27	30
	26.7S;178.0W. South of Fiji Is. M=4.9 h=109Km.					e	04	50	51
	ePKP	23	53	30		eP	06	33	50
	27.0S;177.7W. Fiji Is. M=5.2 h=33					eS		35	57
3	iP	01	39	20.3		iP	06	43	11.4
	eS		40	54		52.0N;175.0E. Aleutian Is. M=5.5			
	iPKP	03	36	54		iPKP	08	44	12
	27.2S;177.6W. Kermadec Is. M=5.4					27.3S;177.0W. Kermadec Is. M=4.8			
	e(P)	05	05	43					
	e(S)		07	18					
	ePKP	06	12	49	5	i(P)	00	00	04.5
	27.2S;177.6W. Kermadec Is. M=4.7					e(S)		01	28
	iP	06	22	07.5C		e	04	49	45
	Mu=30 T=0.7					e(S)	10	22	07
	eBP		23	34		iP	13	55	38.5
	49.8N;78.1E Eastern Kazakh. h=0, M=5.6 Underground Explosion					Mu=47, T=0.9			
	eP	07	29	57		ePP		59	08
	44.6N;101.7E. Mongolia M=5.2					52.3N;174E. Aleutian Is. M=5.3			
	iPKP	11	56	19.5		ePKP	14	49	48
	27.2S;177.6W. Kermadec Is. M=5.0					27.0S;63.3W. Santiago Del Estero Prov. Argentina M=5.5 h=573			
	iPKP	14	58	55.3		e	16	41	2(5)
	Mu=70, T=1.0					e	17	01	51
	27.0S;177.8W. Kermadec Is. M=5.6								

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
5	iPKP	17	28	46.4	7	eP	01	49	06
	29.1S;177.3W. Kermadec Is.					Mu=15, T=0.6			
	M=4.5					46.1N;137.1E, h=328			
	iP	18	12	06.5		M=4.7. Near east coast of			
	M=66, T=1.2					Eastern Russia			
	ePP		15	37		ePKP	02	02	54
	52.3N;174.2E. Aleutian Is.					ePP		06	42
	M=5.7					30.3S;177.9W. Kermadec Is.			
	ePKP	19	56	42		M=5.6			
	27.5S;177.0W. Kermadec Is.					iP	07	37	33.5
	M=5.3					Mu=900, T=2.2			
	ePKP	21	20	05		12.1N;46.3E. Western			
	27.2S;177.7W. Kermadec Is.					Gulf of Aden. M=4.9			
	M=4.4					e(S)	12	56	50
	eP	21	46	56		iPKP	16	28	47.0
	eS		48	19		27.5S;177.6W. Kermadec Is.			
	e	22	23	39		M=5.0			
	eP	23	42	08	8	ePKP	15	22	54
	53.0N;171.1E. Aleutian Is.					17.7S;178.9W. Fiji Is.			
	M=5.4					reg. M=5.0 h=589Km.			
6	ePKP	04	26	40		eP	23	06	0(2)
	26.7S;177.3W. South of Fiji Is.					38.0N;21.2E. Greece M=4.2			
	M=5.3				9	iPKP	01	55	45.5D
	iP	08	32	24.5		epPKP		57	27
	Mu=17, T=0.9					ePP		58	46
	52.4N;174.2E. Rat Is. Aleutian					17.0S;177.4W. Fiji Is. reg.			
	Is, M=5.1					M=5.5 h=386Km.			
	ePKP	10	08	58		eP	18	00	43
	27.0S; 177.6W. S. of Fiji Is.					Mu=72, T=0.9			
	M=4.5					eS		02	43
	ePKP	10	39	58		39.4N;24.0E. Aegean Sea.			
	17.5S;178.7W. Fiji Is. reg.					M=5.7			
	M=4.2					eP	18	40	38
	iPKP	11	30	55.0		39.3N;24.0E. Aegean Sea			
	iPKP		31	43.6		eP	19	49	46
	ePP		35	27		39.3N;23.9E. Aegean Sea			
	18.4S;132.9W. South Pacific					M=4.7			
	Ocean. M=5.5					eS	20	47	13
	iP	13	54	12.0		38.7N;24.1E, Aegean Sea			
	52.1N;175.4E. Aleutian Is.					eS	21	25	05
	M=5.2					39.2N;24.0E. Aegean Sea			
	ePKP	16	21	47		M=4.4			
	Mu=15, T=0.8				10	eP	01	38	55
	30.3S;177.5W. Kermadec Is.					39.2N;23.9E. Aegean Sea.			
	M=5.6					M=4.7			
	e(S)	19	32	45		eP	05	47	38
	iP	20	35	43.7		eS		49	54
	20.1N;121.3E. Philippine Is.					32.8N;49.2E. Western Iran			
	M=5.8					M=5.4			

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
10	eP eS iP Local iP Local (from N.E.) iPKP Mu=72, T=0.9 21.9S;179.6E. South of Fiji Is. M=5.7 h=547	13	57	2(7) 33 13.5D 39.1C 19.5D	17	e(P) eP 43.0N;13.6E. Central Italy. M=4.1 iP iP eS 34.9N;32.5E. Cyprus M=4.6 i(S) eP 27.8N;56.5E. Southern Iran. M=4.9 eS 14 08 38 iP 14 40 01.7 eS 50 45 52.8N;171.9E. Near Is. Aleutian Is. M=6.0	02	20	54 49 46.5 30 44.5 13 38
11	eP 54.7S;0.7E. BOuvet Is. M=5.4 eP eS	17	20	09 21 04	18	ePKP epPKP eSPKP epPP 19.9S;176.1W. Fiji Is. reg. M=5.5 h=.5. eP Mu=1330, T=1.3 ePP eS eSS 2.0S;119.8E. Celebes M=5.0 ePKP Mu=80, T=1.1 epPKP 19.7S;178.7W. Fiji Is. reg. M=5.5, h=617 eP 19 58 19 iS 59 38.7 eP 23 11 10 Mu=18, T=0.8 0.0N;123.4E. Northern Celebes M=5.6, h=173 iPKP 23 52 23.5 Mu=30, T=1.0 20.1S;176.4W. Fiji Is. reg. M=4.6, h=219	21	24	21 04 31 09 31 31 52 09 58 56 22 22
12	eP eS eP eS 38.9N;17.7E. S. Italy M=4.6	01	24	4(3) 52 46 35	19	eP Mu=1330, T=1.3 ePP eS eSS 2.0S;119.8E. Celebes M=5.0 ePKP Mu=80, T=1.1 epPKP 19.7S;178.7W. Fiji Is. reg. M=5.5, h=617 eP 19 58 19 iS 59 38.7 eP 23 11 10 Mu=18, T=0.8 0.0N;123.4E. Northern Celebes M=5.6, h=173 iPKP 23 52 23.5 Mu=30, T=1.0 20.1S;176.4W. Fiji Is. reg. M=4.6, h=219	01	24	4(3) 52 46 35 31 31 52 09 58 56 22 22
13	eP 39.1N;23.9E. Aegean Sea. eP 39.0N;23.4E. Aegean Sea. M=5.3 iPKP 20.4S;177.6W. Fiji Is. reg M=5.7. h=470	04	11	(30) 25	19	eP Mu=1330, T=1.3 ePP eS eSS 2.0S;119.8E. Celebes M=5.0 ePKP Mu=80, T=1.1 epPKP 19.7S;178.7W. Fiji Is. reg. M=5.5, h=617 eP 19 58 19 iS 59 38.7 eP 23 11 10 Mu=18, T=0.8 0.0N;123.4E. Northern Celebes M=5.6, h=173 iPKP 23 52 23.5 Mu=30, T=1.0 20.1S;176.4W. Fiji Is. reg. M=4.6, h=219	04	11	(30) 25 33 52 31 31 52 09 58 56 22 22
14	e e e(P) e(S) iP 36.3N;70.7E. Hindu Kush reg. M=6.6 h=219	12	01	28 06 (36.5) 41 5518C	19	eP Mu=1330, T=1.3 ePP eS eSS 2.0S;119.8E. Celebes M=5.0 ePKP Mu=80, T=1.1 epPKP 19.7S;178.7W. Fiji Is. reg. M=5.5, h=617 eP 19 58 19 iS 59 38.7 eP 23 11 10 Mu=18, T=0.8 0.0N;123.4E. Northern Celebes M=5.6, h=173 iPKP 23 52 23.5 Mu=30, T=1.0 20.1S;176.4W. Fiji Is. reg. M=4.6, h=219	12	01	28 06 (36.5) 41 5518C
15	e(S)	17	58	17	20	iP iS iP eS 20 03 36.9 eS 04 09 eP 00 17 4(5) eS 18 40 e(S) 08 31 4(2)	17	58	17
16	iPKP Mu=37 T=0.8 23.7S;179.8E South of Fiji Is. M=5.5 h=580 iP Local e(P) e(SS) iP ePP eS eSS 40.8N;142.9E. Near east coast of Honshu Japan. M=5.6	10	58	2315C 22.0C 18 26 33.3C 35 44 35	21	eP 00 17 4(5) eS 18 40 e(S) 08 31 4(2)	10	58	2315C 22.0C 18 26 33.3C 35 44 35

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Jer.

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
21	iP eS 1.5S;126.5E. Molluca Sea M=6.2	11	21 32	23.5 39	28	iP Mu=36, T=1.3 55.1N;162.1E. Near east coast of Kamchatka, M=5.9	13	35	17.4C
	e(S)	11	55	48		eP	16	48	22
	iP 45.4N;150.6E. Kurile Is. M=5.2	19	15	03.2		iPKP		51	58.3D
22	ePKP ePP 15.3S;173.4W. Tonga Is. M=5.9	03	04 08	30 08		ePP		53	17
	i(P)	04	25	50		ePPP		55	46
	e(S)		26	07		eSKS		58	48
	ePKP	23	15	11		eSKKS	17	00	11
	eSKS		22	03		32.4S;71.2W. Near coast of Central Chile M=6.7			
	ePS		26	28		iPKP	21	32	02.4
	31.9S;71.5W. Near Coast Of Central Chile M=6.0					24.5S;180.0E. South of Fiji Is. h=488			
24	ePKP ePP eSS 15.2S;173.5W. Tonga Is. M=5.7, h=130	00	13 17 36	57 34 48	29	eP eS	07	53 54	1(3) 42
	eP Mu=178, T=1.3 56.6N;152.4W. Kodiak Is. reg.	08	21	51		e(S)	09	18	29
	eP	22	54	51		iP	10	59	55.0C
	8.4N;126.6E. Mindano P. Is. M=5.8					eS	11	10	05
15	eP 32.2N;50.4E. Iran	19	57	1(4)		40.8N;142.8E. Near east coast of Honshu, Japan. M=6.1			
	e(S)	20	27	21		e(P)	12	20	32
	iP 14.4S;13.4W. S. of Atlantic Ridge. M=4.8	22	31	23.5		e(S)		21	56
26	iPKP 20.0S;178.1W. Fiji Is. reg. M=5.8 h=567	00	39	39.5D		e	14	37	43
	iP eS 36.8N;30.9E. Turkey M=5.3 h=110	20	30 31	51.0D 56		eP	14	45	37
	eS	05	54	09		52.2N;175.4E. Rat Is. Aleutian Is. M=5.0			
28	eP eS 2.6S;126.2E. Coram Sea, M=6.2	00	10 20	06 46	30	iPKP 28.7S;178.4W. Kermadec Is. M=4.4, h=228	00	17	00.8
	e(S)	02	56	02		iPKP	00	40	46.1
						e			54.5
						ePP		44	35
						20.0S;173.9W. Tonga Is. M=5.5			
						iP	02	40	11.4C
						ePP		43	15
						eS		50	51
						ePS		51	24
						50.6N;177.9E. Rat Is. Aleutian Is. M=5.7			
						e	02	57	30
						eP	03	05	33
						50.4N;177.5E. Rat Is, Aleutian Is. M=5.1			
						e(S)	08	00	25
						eP	16	11	51
						Mu=30, T=1.0 41.0N;142.7E. Near east coast of Honshu, Japan. M=5.7			

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Jer.

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
30	eP	19	14	06	31	eP	12	04	09
	eS	22	58	31		eS		06	24
31	e	02	43	02		38.3N;22.0E. Greece			
	iP	09	50	21.5D		M=4.6			
	38.6N;22.4E Greece					eP	20	11	12
	M=6.3					eS		13	20
						39.4N;24.1E. Greece			
						M=4.3			

E. Arieh

Chief, Seismological Laboratory

April 1965

MINISTRY OF DEVELOPMENT
Geological Survey
Division of Quaternary & Recent Geology
Seismological Laboratory
Jerusalem

Address:

Seismological Laboratory
Geography Building, Hebrew University Campus
Jerusalem, Israel

Seismological Bulletin
April 1965

Coordinates: Lat. $31^{\circ} 46' 19''$ N; Long. $35^{\circ} 11' 50''$ E
Elevation: 770 meters
Foundation: Upper Cretaceous Dolomite
Instruments: World-Wide Standardized Seismograph system

Constants:

Instruments	Comp.	Free Period (sec.)		Magnification
		Pendulum	Galvanometer	
Sprengnether	Z,N,E	30.0	100	1500 at 30.0 sec.
Benioff (Variable- Reluctance)	Z,N,E	1.0	0.75	50000 at 1.0 sec.

Abbreviations:

T - Wave period in seconds
Mu - Ground displacements in millimicrons

Epicenter data - generally from USCGS

Jerusalem Seismological Bulletin
 April 1965

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
1	iP	01	12	40	7	eP	06	51	07
	36.0N;35.8E. Syria M=4.3, h=42Km.					eS		52	53
	eP	01	18	1(9)		34.3N;25.0E. Crete M=4.2			
	eS		19	08		eS	07	54	26
	iP	07	21	08.3D		iPKP	18	07	42.5D
	T=0.9, Mu=67					21.0S;178.8W. Fiji Is. reg. M=5.5, h=568			
	9.9N;125.8E. Mindano P. Is. M=6.4, h=94				8	eP	01	25	3(1)
	ePKP	21	40	33		eS		27	40
	eSS	22	03	44		ePKP	13	10	05
	50.0S;114.1W. Easter Is. Cordillera. M=5.3					epPKP		12	21
2	iP	22	32	26.5		17.6S;178.7W, Fiji Is. reg. M=5.2, h=575			
	36.8N;66.6E. Hindukush reg. M=5.5					eP	13	56	49
4	eP	13	43	35		eS	14	07	19
	eS		54	05		52.2N;173.5E. Near Is., Aleutian Is. M=5.4			
	51.9N;175.2E. Rat Is. M=5.7				9	ePKP	11	05	13
	ePKP	15	56	16		32.6S;178.3W. S. of Kermadec Is. M=5.1			
	26.9S;176.1W. South of Fiji Is, M=5.6					ePKP	18	39	52
	eP	23	42	04		54.8S;118.4W. Easter Is. Cordillera. M=5.3			
	eS		43	07		eS	21	12	02
5	eP	01	44	0(6)		iP	23	59	15.5D
	eS		46	0(7)		35.1N;24.3E. Crete M=6.0			
	iP	03	15	45.0D	10	iP	00	22	14.8D
	T=0.8, Mu=87					35.0N;24.2E. Crete M=5.4			
	37.7N;21.8E. Greece M=5.7					eP	02	56	3(0)
	i(S)	09	23	09.7		eS		58	04
	iP	14	04	38.6		eP	03	37	1(2)
	T=1.1, Mu=93.2,					eS		38	47
	44.6N;151.1E. Kurile Is. M=5.7					eP	05	03	12
	eS	22	44	06.5		eS		04	06
6	iP	05	44	16.9C		eP	05	53	46
	T=1.0, Mu=79					eS		55	28
	36.1N;139.6E. Honshu, Japan M=5.7					eP	08	26	53
	iP	09	28	47.5C		eS		28	34
	Local(from N.E.)					eP	14	17	47
	iP	09	55	07.1D		eS		23	10
	T=1.8, Mu=550					37.6N;73.4E. Tadzik SSR M=5.5			
	ePP		58	30		iPKP	15	06	45.2D
	eS		05	40		T=1.3, Mu=97			
	0.5S;119.9E. Northern Celebes M=5.3					20.2S;173.7W. Tonga Is, M=5.7			
7	eP	04	19	2(7)		eP	17	07	44
	eS		21	39		T=1.5, Mu=82			
	37.7N;25.5E. S.Greece M=4.9					53.1N;170.9E. Near Is. Aleutian Is. M=5.8			

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Jer.

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
10	iPKP epPKP 17.8S;178.8W. M=5.9, h=543	22	51	27.2C	16	eP T=2.3, Mu=700 eS 64.7N;160.1W. Central Alaska. M=5.8	23 34	34	46
	ePKP epPKP T=1.2, Mu=77 13;4S;170.3E. New Hebrides Is. M=6.2, h=644Km.	23	11	16	17	eP 52.6N;173.1E. Near Is. Aleutian Is. M=5.1	00	13	19
11	iPKP iPP 42.7S;173;9E. South Is. N.Z. M=6.2	00	30	48.5	18	ePKP 59.8S;26.8W. S. of Sandwich Is. M=5.9	09	57	44
	eP iPKP epPKP 26.2S;178.5E. South of Fiji Is. M=5.6, h=581	01	59	13		iP Local	12	35	36.5
	iPKP epPKP 26.2S;178.5E. South of Fiji Is. M=5.6, h=581	19	10	20.4C		e	13	55	34
	ePKP T=0.8, Mu=47 32.3S;178.5W. S. of Kermadec Is. M=5.9 h=167	20	45	53		ePKP 26.9S;176.1W. S. of Fiji Is. M=5.2	14	27	56
	iP 30.2N;138.5E. S. of Honshu, Japan, M=5.8, h=421	20	53	06.8D	19	eP eS 34.6N;28.4E. Eastern Med. M=4.5	06	48	06
	iPKP T=1.2, Mu=100 32.6S;178.0W. South of Kermadec Is. M=4.7	21	47	52.7		e(S)	14	56	37
12	ePKP T=0.8, Mu=47 32.3S;178.5W. S. of Kermadec Is. M=5.9 h=167	20	45	53		iP	23	54	17.2
	iP 30.2N;138.5E. S. of Honshu, Japan, M=5.8, h=421	20	53	06.8D	20	eS 34.9N;180.0E. Near S. coast of Honshu, Japan M=5.6	00	04	30
	iPKP T=1.2, Mu=100 32.6S;178.0W. South of Kermadec Is. M=4.7	21	47	52.7		iP Local(From N.W.)	14	20	06.5C
13	ePKP 26.8S;175.9W. South of Tonga Is, M=5.0	17	42	45		iP 30.6	17	20	30.6
	eP 51.6N;159.4E. Off East coast of Kamchatka. M=4.9	17	57	55		eS	21	06	06
14	e e ePKP 20.4S;177.8W. Fiji Is. M=4.3 h=458	15	16	12	21	iPKP 20.4S;174.6W. Tonga Is. M=4.6	10	50	33.0C
	e ePKP 20.4S;177.8W. Fiji Is. M=4.3 h=458	15	16	12		eS	20	28	48
	e ePKP 20.4S;177.8W. Fiji Is. M=4.3 h=458	15	16	12	22	iPKP T=1.3, M=74 14.3S;167.3E. New Hebrides Is. M=5.3, h=204	01	24	43.5C
15	eP 24.9N;122.6E. Taiwan reg. M=5.4, h=190	05	21	16		eP	01	14	50
	ePKP T=1.2 Mu=54 17.6S;173.4W. Tonga Is. M=4.8	23	59	46	24	ePKP T=1.0, Mn=50 32.8S;178.4W. S. of Kermadec Is. M=4.7	00	24	24
16	iPKP T=1.5, Mu=109 22.3S;175.5W. Tonga Is. reg. M=4.8, h=120	00	35	35.6C		e	02	57	07
	iP 32.5 Mediterranean Sea(off the coast of Haifa)	22	58	09.3C		eP 7.3N;126.6E. Mindano P. Is. M=5.0	03	18	40

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Jer.

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
24	eP T=0.9, Mu=22.5 19.2N;121.2EE. Philippine Is. reg.	08	14	16.5	27	iP eS 35.7N;23.5E. Crete M=5.5	14	11 13	30.7 1(8)
	e	13	26	4(2)		iP eS	16	57 58	31.1 41
	eP eS	23	21 22	0(2) 42		iP eS T=1.0, Mu=26	19	24 25	46.2 09
25	ePKP T=1.0, Mu=26 32.5S;177.9W. South of Kermadec Is, M=4.8	00	45	10	29	eP eS 37.0N;26.9E. Dodecanese Is. M=4.9	09	49 50	03 30
	eP eS 24.5N;142.7E. Volcano Is. reg. M=5.6	01	13 23	16 50		iP ePP eS 47.4N;122.4W. Washington M=6.5	15	42 46 52	10.2 01 53
	iPKP T=1.0 Mu=1.4 32.6S;178.0W. Kermadec Is. M=4.9	03	05	33.2		iP 5.6S;110.2E. Java Sea M=6.0, h=504	16	00	17.7D
	eP 30.4N;50.6E. Iran M=4.6	16	43	0(3)		ePKP 32.6S;177.4W. South of Kermadec. M=4.7	22	51	59
	eP 29.7N;130.7E. Ryukyn Is. M=4.9	21	40	46					
26	eP 38.9N;142.7W. Gulf of Alaska M=5.3	02	10	13					
	eS	07	03	34					
	eP es 1.7S;126.5E. Molluca Sea M=5.7	10	00 11	39 06					
	eP eS	18	23 25	46 09					
	eP eS	20	14 15	03 24					
	eP 54.5N;162.6W. Alaska Peninsula M=5.9	20	42	17					
	iP T=1.2, Mu=168	22	27	27.0D					
	cPP eS 21.1N;120.7E. Taiwan reg. M=5.9		30 37	23 10					
	iP 21.5N;120.9E. Taiwan reg. M=5.1	22	34	55.7					
	ePKP 30.9;177.4W. Kermadec Is. M=4.7	22	47	0(5)					
27	iP								

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Seismological Bulletin
May - 1965

Coordinates: Lat $31^{\circ} 45' 19''$ N; $35^{\circ} 11' 50''$ E

Elevation : 770 Meters

Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardised Seismograph System

Constants:

Instruments	Comp.	Free Period (sec.)		Magnification
		Pendulum	Galvanometer	
Benioff variable reluctance	Z,N,E,	1.0	0.75	50.000 at 1.0 sec. May 1-18 1500 at 30.0 sec.
Sprengnether	Z,N,E	15	100	May 19-31 3000 at 150 sec.

Abbreviations:

T - Wave period in seconds

Mu- Ground displacement in Microns

Epicenter - data - Generally from USCGS

Jerusalem Seismological Bulletin

May 1965

Date	Phase	G.C.T.			Date	Phase	G.C.T.			
1	iP	02	01	51.7	7	i. KP	12	26.	40.5	
	eS		03	25		17.5S;179.1W. Fiji Is. Reg.				
	37.1N;27.0E. Turkey Magn.=4.4 h=33					iP	14	44	22.5	
2	iP	02	10	54.8		iS		45	40.0	
	60.4N;145.9W. Southern Alaska Magn.=46 h=13					36.7N;26.9E. Dodecanese Is. Magn. 4.6 h=162				
	iP	21	40	44.7		iPKP	16	03	16.3	
3	60.4N;146.0W. Alaska Magn.=53 h=33				8	32.5S;178.2W. South of Kermadec Is. Magn. 4.7 h=33				
	iP	11	52	11.9C		ePKP	16	52	16	
	eS			36.5		iPKP ₂			23.1	
	e	12	57	(06)		32.4S;178.3W. South of Kermadec Is. Magn.=5.1 h=33				
	eP	22	35	51.8		iPKP	17	12	04.9	
	eS		37	43		32.5S;178.2W. South of Kermadec Is. Magn.=4.6 h=33				
4	35.7N;23.8E. Crete Magn.=4.5 h=36				9	iP	03	17	20.5	
	eP	23	17	42		18.4N;120.4E. Luzon, P. Is. Magn.=5.4 h=56				
	eS		18	55		e	13	08	10	
5	eP	13	49	(42)	10	Local				
	i(P)	14	12	01.9		Local				
	eP	21	33	4(1)		eP	02	31	26	
6	eS		35	34	11	iS		32	19.5	
	e	02	48	(33)		eP	11	58	14.7	
	eP	05	15	(02)		Local				
	31.7N;49.1E. Western Iran h=17					eP	15	19	46.5	
	iP	08	41	48.0		Local				
	ePP		43	19		iPKP	00	10	07.5	
7	eS		47	33	23.4S;179.8W. S.of Fiji Is. Magn.=5.0 h=555					
	41.7N;79.4E. Kirgiz-Sinkiang Border Reg. Magn.=5.7 h=6				12	e	11	55	45	
	ePKP	18	23	(51)		eP	16	18	(03)	
20.1S;173.9W. Magn.=52 h=33				e			19	27		
8	iP	19	03	12.1	e		20	38		
	iS		04	51.5	i(S)	12	53	45.7		
9	eP	03	13	46	Local					
	iS		15	32.3	i	15	02	52.7C		
10	iP	05	39	16.7	Local					
	iS		41	07.7	eP	17	50	20.5		
11	eP	04	08	53	61.4N;149W. Southern Alaska Magn.=5.5 h=58					
	eP	00	41	33	iP	23	39	30.5		
12	eS		43	39	45.9N; 26.9E. Rumania					
	32.4N;48.7E. Western Iran Magn.=4.5 h=52				i	22	44	54.4		
					e	08	58	02		
					4.7S;34.8E. Tanganka h=53					

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Jer.

Date	Phase	G.C.T.			Date	Phase	G.C.T.		
12	iP	10	47	05.2	20	ePKP	00	59	29
	ePP		51	04		iPKP ₂	01	00	00
	eS		57	32		iPKS		03	00.5
	6.2S;130.3E. Bonda Sea Magn.=5.7 h=125					14.7S;167.4E. New Hebrides Is. Magn.=5.6 h=16			
	eP	11	46	(51)		ePKP	02	23	11.5
	eS		49	4(2)		40.8S;175.9E. North Is. N.Z. Magn.=5.6 h=49			
	34.3N;47.4E. Western Iran Magn.=4.5 h=33					e(S)	15	14	29.5
	iP	12	00	38.3	21	i	19	00	57.5
	Local					eP	23	46	28
	eP	14	05	10	22	iP	03	18	45.0
	Local					1.3N;126.3E. Molucca Passage Magn.=5.5			
	eP	14	45	(51)		iPKP	10	50	19.4
	i	21	08	18		epPKP		52	27
13	e(P)	13	58	20		ePP		53	15
	eS			40		ePKS		53	48.5
	eP	14	32	34		21.1S;178.7W. Fiji Is. Reg. Magn.=5.8 h=578			
	eP	17	50	51		eP	16	20	12
	e(S)			58		ePcP			44
	iP	19	35	06.5		14.1S;13.8W. South Atlantic Ridge Magn.=5.5			
	33.2N;138.0E. Magn.=4.8 h=324				23	eP	07	55	06
	ePKP	21	10	47		T=1.1sec Mu=0.05			
	23.3S;175.4W. Magn.=5.0 h=60					iPP		57	16.5
?	iP	21	11	40.0		e		59	07
	39.5N; 20.7E. h=33					14.1S;13.9W. South Atlantic Ridge Magn.=5.2			
16	iP	01	37	37.0		iP	23	59	08.5
	eS		38	56		T=0.7sec. Mu=0.06			
	35.4N;28.0E. Eastern Med. Sea Magn.=4.6 h=34					ePP	00	02	41
	iP	14	03	13.9C		eS		09	54
	Local					52.2N;175.0E, Near Aleutian Is. Magn.=6			
18	eP	22	58	51	24	iP	23	33	34.4C
	43.7N;146.5E. Kurile Is. Magn.=5.4 h=45					T=1.3sec. Mu=0.10			
19	ePKP	04	41	16		eS		43	52
	22.5S;176.3W. South of Fiji Is. Magn.=5.5 h=33					13.0N;124.5E Samor P. Is. Magn.=5.9			
	iP	05	20	10.2	25	eP	13	20	53
	iS		21	06.1		ePP		24	34
	eP	21	29	(45)		eS		31	25
	eS		31	(25)		51.3N;178.7E. Rat Is. Aleutian Is. Magn.=5.5			
	iPKP	23	50	55.7		ePKP	17	43	27
	e		52	58		35.8S;179.4E.			
	ePP		53	53					
	ePKS		54	35					
	20.8S;178.5W. Fiji Is. Reg. Magn.=5.4 h=552								

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 Jer.

Date	Phase	G.C.T.		Date	Phase	G.C.T.			
26	eP	03	19	29	iP	19	33		
	e(S)		23		iS		09.9 C		
							15		
	eP	14	00		iP	20	02	57.5	
	eS		01		eS	03	03		
	eL	14	02						
	35.3N; 44.6E Iraq Magn. 4.7				eP	22	21	20	
	eP	19	57		eS			25.5	
	ePPP	20	02		30	e(P)	12	39	(45)
	eS		08			iP	13	55	08.6 C
56.1S; 27.6W Magn. 6.7			Local						
h = 120			eP	16		52	2(2)		
iPKP	22	19	eS	55		10			
33.5S; 179.8E. Magn. 4.6									
h = 102			31	eP		02	11	43	
iPKP	23	38		eS		16	28		
28.5S; 178.1W Kermadec Is.				32.6N; 78.2E Kashmir Tibet					
Magn. 4.1 h = 169				Border Region Magn. 5.3					
27	e(S)	09		51	ePKP	03	41	09	
					23.2S; 177.0W South of				
28	ePKP	01		11	Fiji Is. Magn. 4.6 h = 94				
	18.1S; 177.9W Fiji I. Reg.			eP	08	50	1(8)		
	h = 571			35.7N; 139.6E Near S. Coast					
	eP	09		36	of Honshu Japan Magn. 5.5				
29	iP	12	48	28.6 C					
	iP	01	50	22.5					
		eS		52	18				
	35.2N; 22.8E Mediterranean								
	Sea. Magn. 4.5 h = 68								
	e(P)	03	04	21.5					
	i			26.0					
	eP	04	17	32					
	eS		19	27					
	35.4N; 22.6E Mediterranean								
Sea. Magn. h = 59									
EPKP	15	56	22						
eP	19	27	15						
eS			21						
iP	19	27	25.9						
eS			32						

 E. Arieh
 Chief Seismological Laboratory

June 1965

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Jerusalem, Israel

Seismological Bulletin

Coordinates: Lat $31^{\circ} 46' 19''$ N; Long $35^{\circ} 11' 50''$ E

Elevation : 770 Meters

Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardised Seismograph System

Constants :

Instruments	Comp.	Free Period (sec.)		Magnification
		Pendulum	Galvanometer	
Benioff variable Reluctance	Z.N.E	1.0	0.75	50000 at 1.0 sec.
Sprengnether	Z.N.E	15	100	3000 at 15.0 sec.

Abbreviations:

T - Wave period in seconds

Mu - Ground displacement in Microns

Epicenter Data - Generally from USCGS

Jerusalem Seismological Bulletin
June 1965

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.	
1	eP	03	53	(15)	4	eP	18	44	58	
	eS		55	3(3)		32.2N;55.6E. Iran M=4.8				
	iP	04	42	09.4		5	eS	04	02	23
	eS		49	41			ePKP	11	33	01.5
	20.2N;94.9E. Burma. M=5.5	15.8S;174.7W. Tonga Is. M=5.0 h=295Km.								
eP	15	27	36	6	eP	15	49	07		
37.8N;26.6W. Azores Is, M=4.9	eS		50		56.5					
iPKP	18	44.	53.5	7	35.6N;23.7E. Crete M=4.1					
15.6S;173.5W. Tonga Is. M=4.9	eP	13	48		41.5					
2	eP	00	59	(27)	8	eS		52	50	
	eS			43		11.4N;41.5E. Ethiopia				
	ePKP	03	37	53	9	iP	22	05	49.0	
	14.9S;172.8W. Samoa Is. M=4.9	eS		06		23				
	ePKP	05	31	41	South east of Cyprus					
	ipPKP		33	47.9	eP	22	12	00		
	23.5S;180.0E. S.ofFiji Is. M=5.6 h=539	iS			35.5					
	iPKP	09	38	52D	iP	23	36	55.6C		
	T=0.7 Mu=0.02	46.8N;152.5E. Kurile Is. M=5.0								
	18.2S;179.3W. Fiji Is. reg: M=5.4 h=631	10	iPKP	17	18	08.6D				
ePKP	15		04	26	T=1.2, Mu=0.06					
17.9S;179.5W. Fiji Is. M=5.1 h=637	19.0S;175.7W. Tonga Is. M=5.4 h=195									
ePKP	15	17	03	11	eS	18	36	19		
18.0S;179.4W. Fiji Is. M=5.1 h=621	ePKP	04	55		17.5					
iP	23	52	04.7D	18.3S;174.6W. Tonga Is M=4.6 h=131						
T=1.5 Mu=0.36	3	eP	05	54	55.5					
eS		00	01	48	35.9N;70.5E. Hindu Kush reg. M=5.8 h=125					
16.0N;46.8W. North Atlantic Ridge M=5.6	iP	15	26	16.5C						
eP	07	56	33.5	eS		27	47.3			
51.9N;175.8E. Rat Is. Aleutian Is. M=5.5	36.6N;26.7E. Dodecanese Is. M=4.9 h=154									
eP	18	34	4(6)	11	ePKP	01	54	04		
39.7N;23.2E. Aegean Sea	35.2S;107.5W. Easter Is. Cordillera M=5.0									
eP	20	42	41	e(P)	02	50	29			
44.1N;145.3E. Hokkaido Japan M=4.5	e(S)			54	23					
4	e(S)	04	45	22	iP	03	46	08.1C		
	iPKP	15	46	21.3D	eS		56	28		
	T=0.9, Mn=0.12	44.7N;148.7E. Kurile Is. M=6.0								
	29.9S;178.8W. Kermadec Is. M=5.3 h=225	e(P)	03	53	27					
	iPKP	17	43	32.5C	e(P)	03	56	58		
20.9S;178.1W. Fiji Is. reg. M=5.2 h=554	e(P)	04	05	22						

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
11	eP	04	27	15.5	13	iP	02	33	17.2C
	44.3N;149.0E. Kurile Is. M=5.2					T=1.0, Mu=0.03			
	iP	04	57	20.0		44.1N;149.3E. Kurile Is. M=5.3			
	44.5N;149.2E. Kurile Is. M=5.4					iP	07	18	30.4C
	eP	06	09	3(7)		ePP		21	35
	44.2N;149.3E. Kurile Is. M=4.7					eS		28	43
	eP	07	23	31C		41.9N;143.4E. Hokkaido, Japan. M=5.7			
	T=1.0, Mu=0.006					iP	20	03	40.8C
	44.4N;149.2E. Kurile Is. M=5.5					eS		05	05
	eP	07	40	12		37.8N;29.4E. Turkey, M=5.3			
	44.1N;149.4E. Kurile Is. M=5.2					eP	20	50	5(7)
	eP	08	53	22		eS		51	15
	44.3N;149.0E. Kurile Is. M=5.1				14	iP	07	42	05.6
	eS	09	29	25		eS		51	31
	eP	10	29	04.5		39.8S;45.8E. Atlantic Indian Rise. M=5.5			
	e(PP)		32	14.5	15	iPKP	09	40	09.7
	e(PPP)		34	05		T=1.0, Mu=0.05			
	44.4N;149.3E. Kurile Is.					37.9S;177.5E, Off east Coast of N. Island, N.Z. M=6.2			
	eP	12	12	28		eP	16	46	21
	44.2N;149.1E. Kurile Is. M=5.2					eS		50	40
	eP	20	56	46		13.9N;51.7E. Eastern Gulf of Aden M=5.2			
	44.1N;148.9E. Kurile Is. M=4.8					iP	17	28	23.8D
12	eP	03	22	13		eS		29	19
	43.9N;149.1E. Kurile Is. M=4.9					ePKP	23	30	0(8)
	eP	05	40	57		20.9S;173.7E. New Hebrides Is. reg. M=5.7			
	44.2N;149.6E. Kurile Is. M=4.6				16	ePKP	04	15	13
	eP	05	41	07		34.3S;112.2W. Easter Is. Cordillera M=5.7			
	T=1.5, Mu=0.16				17	iP	03	00	14.5
	44.2N;149.8E. Kurile Is. M=5.7					eS		01	37
	iP	05	53	24.2C		37.7N;29.6E. Turkey M=4.8			
	T=1.4 Mu=0.21					iP	10	55	22.6
	44.0N;149.1E. Kurile Is. M=5.6					23.9N;123.3E, S.W. Ryukyu Is. M=5.3			
	eP	06	16	00		iPKP	11	11	28.2
	44.3N;149.0E. Kurile Is. M=5.2					33.9S;179.5W. South of Kermadec Is. M=5.3			
	eP	06	58	52		eS	13	48	10
	T=1.5, Mu=0.08					eP	20	23	00
	44.2N;149.1E. Kurile Is. M=5.0					eS		29	43
	ePKP	07	11	27		32.0N;87.8E. Tibet M=5.4			
	T=1.0, Mu=0.002				18	eP	01	26	46.8
	20.9S;173.8W. Tonga Is. M=5.1					32.0N;87.7E.			
	eP	18	06	41		iP	08	26	40.7
	6.3S;105.8E. Sunda. Strait M=4.7, h=202					T=0.6, Mu=0.04			
	iP	18	58	10.2		25.0N;93.8E. Eastern India M=5.9			
	T=1.0, Mu=0.034								
	44.1N;149.0E. Kurile Is. M=5.6								
	ePP	19	09	22					
	20.3S;68.9W. Chile Bolivia Border M=5.8								
	eP	22	29	11					
	44.2N;149.0E. Kurile Is. M=5.3								

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Date	Phase	G.	C.	T.	Date	Phase	G.	C...	T.
18	iP Local	12	24	40.2C	23	iP ePP eS	11	22 25 32	23.5 55 55
	iP iS From N.E. ?	12	37 38	54.5 14.1		56.6N;152.9W. Kodiak Is. reg. M=5.7			
	eP eS 29.7N;51.3E. Southern Iran	13	53 55	58 31	24	i T=0.5, Mu=0.02	00	54	13.0D
19	eP eS 52.3N;172.0E. Near Is. Aleutian Is. M=5.5	06 07	51 01	00 29		eP eS 7.0N;126.2E. Mindano P. Is. M=6.0	07 08	57 08	57 18
	eP eS	14	45 47	45 03		iPKP 23.6S;176.7W. South of Fiji Is. M=5.5	14	28	14.9D
	iP eS	15	31 33	59.5 16		e(S) e(S)	16 16	08 54	56 34
20	e(S) e(P) e(S)	00 01	46 33 34	05 3(3) 1(3)		iP 20.1N;120.8E. P.Is. reg. M=5.0	23	20	28.8
	iP T=1.2, Mu=0.1 44.6N;149.2E. Kurile Is. M=5.4	02	09	49.3		e(P) e(S)	23	39 41	2(3) 4(0)
	iP T=1.1, Mu=0.03 eS 13.3N;50.4E. Eastern Gulf of Aden, M=5.0	16	36 40	25.0 42	26	e(S) eP eS	23 19	43 41 42	14 5(1) 09
	eP iS 28.1N;56.0E, Southern Iran	00	25 28	26.5 59	27	eP 9.2N;94.1E. Nicobar Is. region. M=5.2	01	14	25
	eP eS 28.3N;56.0E. Southern Iran	01	34 38	48 24		iP T=1.2, Mu=0.06 54.5S;5.6E. Bouvet Is. reg. M=5.9	09	58	46.7C
21	iP Local, From N.W.	13	55	22.4C		eP T=1.0, Mu=0.03 60.3N;141.2W. Southern Alaska M=5.3	11	21	49
	e(S)	15	49	02		eP T=1.3, Mu=0.04	11	47	51
22	iP Local. From N.W.	13	51	54.0C		ePP ePPP eS 23.8N;121.5E. Taiwan M=5.6		50 52 57	45 37 37
	e(P) e(S)	14	56 57	1(7) 35		iP T=0.7, Mu=0.02 4.9N;127.5E, Talaud Is. M=5.5	17	48	04.0
	iP iS	16	35 36	25.2 00		iPKP 21.0S;178.9W. Fiji Is. reg. M=5.3, h=562	18	16	22.8
23	iP T=1.0, Mu=0.13 ePP eS 7.1N;123.5E. Mindano, P. Is. M=5.6	00 03 11	00 52 00	38.7	28	eP 23 29	29	3(0)	
					29	iP T=1.0, Mu=0.03 44.4N;149.4E. Kurile Is. M=5.5	02	16	48.5

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Jer.

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
29	eP	02	46	49	30	eP	01	02	37
	eS		47	24		eS			56
	Lebanon					eP	03	06	23
	iP	12	18	01.8C		eS		17	00
	Local, from N.W.					1.6S;126.7E. Molucca Passage			
	iP	15	42	24.4C		M=5.2			
	eS		43	45		iP	08	46	27.8C
	34.2N;26.3E. Crete					T=0.8, Mu=0.03			
	eP	16	13	26.5		ePP		49	50
	45.3N;150.7E. Kurile Is. M=4.8					eS		57	13
	iP	16	21	29.5D		51.7N;176.5E. Rat Is.			
	eS			56		Aleutian Is., M 6.0			
						eS	09	57	22

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Seismological Bulletin

Coordinates: Lat $31^{\circ} 46' 19''$ N; Long $35^{\circ} 11' 50''$ E

Elevation : 770 Meters

Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardised Seismograph System

Constants :

Instruments	Comp.	Free Period Pendulum	(sec.) Galvanometer	Magnification
Benioff variable Reluctance	Z.N.E	1.0	0.75	50000 at 1.0 sec.
Sprengnether	Z.N.E	15	100	3000 at 15.0 sec.

Abbreviations:

T - Wave period in seconds

Mu - Ground displacement in Microns

Epicenter Data - Generally from USCGS

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Date	Phase	G.C.T.			Date	Phase	G.C.T.		
1	iP Local	13	47	45.2C	7	iP 32.7N;138.7E. South of Honshu, Japan. M=5.6 h=218Km.	21	50	56
	ePKP	23	32	22		iP	23	11	51.8D
	63.0S;163.7W. South Pacific Cordillera. M=5.5					T=0.8, Mu=0.06			
2	iP eS	21	11	50.0C		6.9S;105.6E. Sundra Strait M=5.8. h=109Km.			
	53.1N;167.7W. Fox Is. Aleutian. M=6.6		22	18		ePKP	23	22	11
3	eP eS	02	31	27		14S;172.6W. Samoa Is. M=5.1			
	52.7N;32.1W. North Atlantic Ocean. M=5.3		38	53	8	iP	00	58	58.5D
	eP	11	13	2(0)		eS	01	00	08.5
	eS		14	52		S.E. Crete?			
	i(P)	11	26	40.1		eS	01	13	38
	iP	11	36	09.4		eS	01	32	00
	T=0.8, Mu=0.03					eP	04	10	39
	eS		44	21		6.8S;105.5E. Sundra Straits M=5.1			
	22.6N;101.4E Burma-China Border reg. M=5.2					iPKP	13	23	41.3
	ePKP	21	08	09		15.8S;179.2W. Fiji Is. reg. M=4.9			
	15.3S;176.3W. Fiji Is. M=4.9				9	eP	23	31	(11)
5	eP eS	08	41	17		eS			5(0)
	52.9N;34.2W. North Atlantic Ocean. M=5.7		48	51	12	iP	09	53	37.9
	eP	14	18	5(8)		eS		55	01
	eS		19	51		37.7N;29.4E. Turkey. M=4.6			
6	eP eS	03	21	38.5C	13	eP	14	21	03
	38.7N;22.6E. Greece, M=5.9		23	47		eS		22	34
	iP	04	21	14.0C		37.5N;27.8E. Turkey.			
	46.7N;152.4E. Kurile Is. M=5.4					iPKP	20	04	54.5
	eP	05	00	33		T=1.0, Mu=0.07			
	3.7N;113.5E. Borneo, M=5.2					21.0S;176.4W. Fiji Is. reg. M=4.5			
	iP	05	11	10.5	15	iP	18	45	04.5
	T=0.8, Mu=0.04					7.7N;123.8E. Mindano R. Is. M=5.8 h=588Km.			
	55.1N;162.1E, Near east coast of Kamchatka					iP	21	34	28.5
	iP	13	36	18.9D		eS		35	06
	T=0.3, Mu=0.04				16	iP	03	27	39.5
	eS		37	46		eS		29	09
	34.8N;25.7E. Crete				17	ePKP	07	39	33
	iPKP	18	54	36.5D		ePP		41	21
	eSKS	19	00	45		eSS		58	20
	eSS		11	34		9.7S;159.8E Solomon Is. M=6.4			
	4.5S;155.1E. Solomon Is. M=6.5					ePKP	13	19	02
7	eS ePKP	11	37	35		27.2S;177.6W. Kermadec Is. M=5.4			
	15.0S;173.0W. Samoa Is. M=4.9		57	0(5)	18	eP	07	04	48
						eS		06	26
						iP	09	06	10.7
						eS		07	39

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Date	Phase	G.C.T.			Date	Phase	G.C.T.		
18	iP	22	27	31.8C	25	iP	13	45	33.5D
				T=0.7; Mu=0.03					T=1.2, Mu=0.13
				45.4N;151.3E. Kurile Is. M=5.1		ePP	48	49	
19	eP	08	55	30		eS	55	56	
				30.7N;50.1E. Iran					41.3N;146.6E. Off coast of Hokaido, Japan. M=5.9
	eP	15	54	18		iP	21	59	44.5D
				12.11N;42.6E. Ethiopia		ePP	22	02	41
20	ePKP	00	12	48		eS	10	15	
				T=0.8, Mu=0.02					51.4N;176.0E. Rat Is. Aleutian Is. M=5.3
				25.5S;179.8E. South of Fiji Is. M=6.0, h=482Km.	26	iP	06	49	14.8
	iP	07	09	59.6		eS			21.8
	eS		11	19		iPKP	11	01	34.4
	eP	07	31	12C					16.0S;172.7W. Samoa Is. reg M=4.2
	eS			46		iPKP	15	43	37.5
	Lebanon?					ePP		47	14
	iP	11	32	21.2					15.8S;172.9W. Samoa Is. reg. M=4.9
				48.7N;155.6E. Kurile Is. M=5.4		eP	16	29	44
	iP	13	31	03.2					29.8N;138.7E. South of Honshu, Japan. M=4.8
				T=1.6, Mu=0.16	27	eP	21	27	50
	eS		41	35					40.2N;139.2E. Near West coast of Honshu, Japan. M=4.8, h=199Km.
				7.5N;124.3E. MindanoP. Is. M=5.8	28	eP	13	53	51.5C
	ePKP	14	12	40		Local			
				26.3S;176.4W. South of Fiji Is. M=5.0		iP	22	40	16.5
21	iPKP	03	11	25.2					T=1.0, Mu=0.07
				20.8S;175.8W. Tonga Is. M=5.7		eS	49	25	
	iP	18	05	15.0					2.2S;101.8E. Southern Sumatra. M=5.8
				53.3N;170.4E Near Is. Aleutian Is. M=5.7		eP	22	48	-
22	eP	09	17	(13)		eS	49	17	
	eS		18	29	29	eP	01	51	1(5)
	eS	13	02	24.0		eS		52	39
	ePKP	16	48	29					ePKP 05 46 44
				16.9S;173.2W. Tonga Is.					15.2S;172.8W. Samoa Is. reg. M=4.8
23	eP	21	35	1(7)		iP	08	42	41.3
				26.2N;65.1E. West Pakistan M=4.7		ePP		46	08
24	iP	18	03	32.6		eS		53	13
				36.4N;71.2E. Afghanistan USSR Border, M=4.9 h=234Km.					51.2N;171.3W. Fox Is. Aleutian Is. M=6.4
25	iP	03	51	24.9		eS	19	04	26
				T=1.0, Mu=0.06	30	iP	19	11	28
	eS	04	00	27		eS		15	06
				2.0N;99.3E. Northern Sumatra M=5.3					28.1N;57.0E. Southern Iran M=4.8
	eP	09	36	0(2)					
	eS		37	31					

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Date	Phase	G.C.T.			Date	Phase	G.C.T.		
31	eP	07	49	10	31	iPKP	14	45	21.7C
	eS		59	26		26.0S;	179.7E.	South of	
		35.9N;142.2E. Off East coast				Fiji	s.	M=4.4	h=464Km.
		of Honshu, Japan. M=4.8				eP	21	53	31
	i	12	00	31.4		32.7N;93.1E.	Tibet M=4.9		

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Seismological Bulletin

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Lithologic Foundation: Upper Cretaceous Dolomite

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Benioff variable Reluctance	Z.N.E	1.0	0.75	50000 at 1.0 sec.
Sprengnether	Z.N.E	15	100	3000 at 15.0 sec.

Abbreviations:

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Date	Phase	G	C	T	Date	Phase	G	C	T
11	ePKP 15.8S;166.9E New Hebrides Is. M=4.7	21	14	34	14	ePKP 11.5S;166.3E. Santa Cruz Is. M=5.6	13	37	30
	ePKP ePP 15.8S;167.2E, New Hebrides Is. M=6.4	22	51 53	05 44		ePKP 19.6S;178.2W. Fiji Is. reg. M=4.8 , h=581	16	25	27.2
	e	23	57	27	15	eP 14.3N;120.1E Luzon, P. Is. M=4.5	04	56	25
12	e iPKP 22.9S;175.8W. Tonga Is. M=5.3	01	43	39		eP eS	11	11 12	12 50
	iP 1.6N, 126.5E, Molucca passage M=5.8	01	46	33	16	eS iP eS	01 12	33 46	12 37.00
	e eP eS	02 03	34 15	45 49		o.6S;19.9W. Central Mid Atlantic Ridge. M=5.1		55	00
	eP 3.5S;29.4E. Lake Tanganyika region. M=4.9	03	38	11	17	eP eS	07	48 59	42 15
	i T=0.6, Mu=0.02	04	58	30.4		12.4N;125.7E. Samar, Philippine M=5.0.			
	ePKP ePP T=0.9, Mu=0.06 15.9S;167.5E New Hebrides Is. M=6.3	08	21 23	00 36		iP eS	08	18 28	29.40 54
	ePKP 5.3S;152.2E. New Britain Reg. M=4.1	13	15	5(0)		12.4N;125.7E. Samar, Philippine Is. M=4.9, h=115.			
	ePKP ePP ePKS 16.0S;167.4E. New Hebrides Is. M=5.3	18	24 26 27	09 51 40		iP ePP eS	10	45 47 53	28.00 50 57
	e(s)	23	36	21		5.3N;96.2E. Northern Sumatra, M=5.3			
13	eP 13.6N;120.1E Mindano P. Is. M=4.7	02	25	16		i	10	55	27.6
	ePKP ePKS 15.9S;167.5E. New Hebrides Is. M=5.7	05	00 03	12 41		iPKP 20.6S;177.8W; Fiji Is, Reg. M=4.2 h=501	12	33	21.6
	eP eS	11	25	13 2(0)		iP 5.3N;96.2E. Northern Sumatra.	13	03	01.70
	ePKP ePP 16.)S;167.0E. New Hebrides Is. M=5.5	11	44 46	10 42	18	ePKP 23.3S;175.3W. Tonga Is. M=5.0	14	34	22
	iP 23.8S;122.2E. Taiwan Reg. M=5.0	12	09	41.7		ePKP 23.3S;175.3W. Tonga Is. M=4.9	14	45	18
	ePKP ePKS 15.9S;166.8E. New Hebrides Is. M=5.6	12 13	59 03	36 25		ePKP ePP ePKS	15	10 13 14	55 45 25
	ePKP 16.6S;167.6E. New Hebrides Is. M=5.4	18	15	5(1)		16.0S;167.0E. New Hebrides Is. M=5.7			
14	eP eS	02	21 23	46 07	19	eP 30.3N;138.4E. South of Honshu, Japan. M=5.2, h=435	19	59	10
	eS ePKP ePP ePKS 15.8S;166.8E. New Hebrides Is. M=5.5	04 11	53 27 29	17 02 25		eP eS T=0.6, Mu=0.02	23	52 54	45 39
	eP eS	02	21 23	46 07	20	iP eS	05	39 41	52.5 12
	eS ePKP ePP ePKS 15.8S;166.8E. New Hebrides Is. M=5.5	04 11	53 27 29	17 02 25		eP 5.7S;128.6E. Banda Sea M=6.2. h=326	06	07	42
	ePKP ePP ePKS 15.8S;166.8E. New Hebrides Is. M=5.5	11	27 29	02 25		ePKP eSKS	10	01 07	3(4) 44
	ePKP ePP ePKS 15.8S;166.8E. New Hebrides Is. M=5.5	11	27 29	02 25		19.0S;69.1W. Northern Chile M=6.0 h=129			
	ePKP ePP ePKS 15.8S;166.8E. New Hebrides Is. M=5.5	11	27 29	02 25		iPKP T=0.5, Mu=0.06	21	41	37.50

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
20	ePP		45	14	25	eP	07	10	55
	22.9S;176.3W. South of Fiji Is.					eS		12	27
21	iP	01	14	28.2	26	e(S)	17	23	58
	37.4N;96.7E. Tsinghai Prov. China				27	iP	02	06	4.8D
	M=4.5, h=325					eS		07	26
	iPKP	01	28	03.2		eS	11	53	15
	32.4S;178.1W. South of Kermadec Is.				27	iP	12	01	12.7
	m=4.9.					Local.			
	iPKP	03	36	33.8D		iP	18	34	27.iC
	T=0.8, Mu=0.02					T=0.8, Mu=0.02			
	22.1S;179.5W. South of Fiji Is.					eS		44	43
	h=585.					44.6N;148.9E, Kurile Is.			M=5.3
	eP	15	16	02	29	eS	01	59	11
	T=1.5, Mu=0.13					ePKP	14	15	59
	eS		25	39		17.7S;178.9W. Fiji Is. Reg.			M=5.4
	5.9S;104.2E Southern Sumatra.					h=571Km			
	M=5.5					eP	16	04	05
	eS	17	23	09		eS		05	03
	iPKP	19	08	55.0C	30	ePKP	03	51	25
	18.0S;178.5W. Fiji Is. Reg.					ePP		54	04
	h=580					16.9S;167.4E. New Hebrides			M=5.5.
	iP	21	05	14.5		eP	06	59	1(1)
	iS			24.0		eS			46
22	ePKP	04	08	4(5)	31	eS	04	43	36
	28.0S;176.2W. Kermadec Is.					eP	05	59	24
	M=5.1 h=33					eS		01	37
	iPKP	10	59	42.1		39.3N;41.2E. Turkey			M=4.5
	28.9S;175.9W. Kermadec Is.					eP	07	31	57
	M=5.2					eS		33	37
	eP	20	03	14		39.3N;40.9E. Turkey			M=5.1
	eS			55		eS	10	57	07
	eP	23	19	3(7)		37.4N;21.4E.			
	eS		22	42		Southern Greece			M=4.4
23	iP	14	11	36.5D					
	40.5N;26.1E Turkey								
	M=5.2								
	eP	20	00	48					
	ePP		05	06					
	16.3N;95.8W. Oaxaca, Mexico								
	M=6.7								
	eS	21	05	29					
	ePKP	21	49	49					
	30.8S;178.1W Kermadec Is.								
	M=4.8								
24	iP	01	11	05.1					
	eS		15	25					
	35.7N;23.3E. Crete								
	M=4.9								
	iPKP	07	26	06.5					
	epPKP		27	20					
	21.9S;177.3W. Fiji Is. Reg.								
	M=5.7								
	h=290.								
	eP	13	25	15					
	eS		35	46					
	59.4N;145.6W. Gulf of Alaska								
	M=5.4								
25	eP	00	00	15					
	eS		02	19					
	40.2N;26.3E. Turkey								
	M=4.2								
	iP	04	59	55.5					
	eS		01	32					
	34.7N;25.1E Crete								
	M=4.7								

E. Arieh

Chief, Seismological Laboratory

September 65

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From the ISC collection scanned by SISMOS

Geology Building, Hebrew University Campus
Jerusalem, Israel

Seismological Bulletin

Coordinated: Lat $31^{\circ} 45' 19''$ N; $35^{\circ} 11' 50''$ E

Elevation : 770 Metres

Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardised Seismograph System

Constants:

Instruments	Comp.	Free Pendulum	Period (sec.) Galvanometer	Magnification
Benioff variable reluctance	Z,N,E	1.0	0.75	50000 at 1.0 sec.
Sprengnether	Z,N,E	15	100	3000 at 15.0 sec.

Abbreviations:

T - Wave period in seconds

Mu - Ground displacement in

millimicrons

Epicenter - data - Generally from USCGS

Jerusalem
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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
1	iP	04	40	36.2D	7	eS		37	46
	iPP		42	26		iPKP	11	33	07D
	51.3N;150.6E Sea of Okhotsk Magn.5.1 h=537					18.5S;177.3W Fiji Is. Reg. Magn. 5.3 h=391			
	iPKP	05	07	08.8D		e	14	27	50
	iPKP2			13.5	8	iP	03	39	24.5
	34.6S;179.6E S. of Kermadec Is. Magn. 6.2 h=107					ePP		43	10
	ePKP	07	53	22		ePS		50	25
	18.5S;172.9W Tonga Is. Reg. Magn. 4.6 h=119					57.5N;152.1W Kodiak Is. Reg. Magn. 5.6 h=25			
	eP	11	55	01		eP	05	39	24
	eS			06		eS		40	38
						32.9N;48.4E Western Iran h=51			
2	iPKP	00	11	125		eP	11	29	4(2)
	18.0S;178.1W Magn 5.2 h=620					55.7N;155.4W S. of Alaska Magn. 5.4 h=33			
	iP	01	20	03.1		eP	11	50	50
	eS		21	09		Local			
	iP	04	39	34.5C		ePKP	12	05	3(5)
	ePP		43	09		27.25;176.7W Kermadec Is. Magn. 5.2 h=70			
	eS		50	10					
	51.9N;175 Reg. Is. Aleution Is. Magn 5.6 h=31				9	eS	06	24	55
	iP	07	43	39.5		eP	08	22	07
	eS			59		eS			23
	iP	23	59	48.0		eP	10	17	05
	iS	00	00	07.5		ePP		21	38
4	iP	10	32	22.0D		eSKS		27	46
	T=0.8	Mu=30				ePS		31	14
	eS		42	50		6.5N;84.4W of coast off Central America Magn 6 3/4 h=27			
	46.6N;153.5E Kurile Is. Magn 5.5 h=27					eP	13	17	34
	iP	14	45	48.5C		eP	21	12	4(8)
	ePP		49	21		eS		13	12
	ePPP		51	29					
	eS		56	22	10	iP	03	05	16.9
	58.2N;152.6W Kodiak Is. Reg Magn.6.1 h=19					T=0.7 Mu=30 13.9N;120.8E Mindoro Philippine Is. Magn 4.7 h=140			
5	ePKP	11	49	55C		iPKP	15	58	09
	T=0.9	Mu=30				20.65;178.7W Fiji Is. Reg Magn=4.5 h=605			
	17.6S;178.7W Fiji Is Reg. Magn 5.4 h=583					eP	19	38	09
	eP	15	04	48		37.4N;141.1E Near East Coast of Honsho Japan Magn 5.3 h=75			
	eS		06	12					
	e	16	36	44	11	eP	07	08	04
	T=0.7	Mu=27				iPKP		11	40.6
	iPKP	21	41	21.0C		ePP		12	37
	T=0.9	Mu=33				eSKS		18	32
	20.4S;173.3W Fiji Is. Reg. Magn 4.9 h=562					eSKKS		19	45
6	eP	03	30	24		5.3S;153.0E New Britain Reg Magn 6.3 h=67			
	21.2N;121.4E Taiwan Reg. Magn. 5.2 h=33					i(P)	01	58	30.1
	iP	11	55	05.6		T=1.1 Mu=30			
	46.6N;152.7E Kurile Is. Magn. 5.2 h=33					eP	10	39	0(4)
						e(S)		40	07
7	eP	06	36	32		eP	17	34	47

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
11	23.3N;123.E 4.2 h=69				17	iP ePP	13	33 36	21.6 36
12	iPKP ePP eSKS ePS e 6.3S;151.6E 6.2 h=48	08 09	58 00 05 06 16	53.5 00 42 54 05		36.5N;141.4E Japan iP T=1.3 Mu=70 36.5N; 141.4E Japan Magn 5.1 h=23		35	03.3
	eP	11	24	07		iP T=06 Mu=40 eS	15	31 41	00.60 42
	iP PCS eS 6.4S;70.8E chagos Archipelago Reg.	22	11 16 18	35.5 52 55		36.3N;141.2E Japan Magn 5.2 h=66			
13	eP ePP ePPP eS Komondarsky Is. Reg ePKP 36.5S;97.5W S.E. Central Pacific ocean Magn. 5.4 h=33	13	20 23 25 30 35	16 38 11 50 17		36.3N;141.1E Japan Magn 5.8 h=72		33 44	43.30 03
14	ePKP 16.6S;173.3W Tonga Is. 16.6S;173.3W Tonga Is. Magn. 4.8 h=95	07	46	58	18	eP ePP eS ePS 59.5N;145.1W Gulf of Alaska Magn 5.3 h=22	20 21	59 03 10 11	35 13 05 31
	iP ePP eS 8.4N;126.8E Mindanao Philippine Is. Magn. 5.7 h=33	08	40 43 50	00.5 25 41		eP eS 8.2N;126.8E Mindanao Philippine Is. Magn 5.6 h=85	22	15 26	570 39
15	e	15	54	54					
16	iP iS ePS 7.1N;126.5E Mindanao Philippine Is. Magn=6.0 h=179	14	02 13 14	41.90 07.5 18	19	iPKP ePKS eSKKS 22.1S;174.9W Tonga Is. Reg. Magn 5.4 h=33	01	46 50 00	47D 29 24
	iPKP T=0.8 Mu=30 20.9S;178.7W Fiji Is. Reg. Magn 5.3 h=525	16	39	06.7		eS 38.9N;27.9E Turkey Magn 4.5 h=33	14	07	27
17	eP eS eP Local eP e ePKP ePP ePPP eSKS e(PS) 1.4S;77.6W Ecuador Magn. 6.0 h=190	08	01 38	06 24 37 09 54 45 38 33 32	20	iP eS iP iS eP eS eL	02 09	47 48 13 14 26 23 30	25.4 51 28.5 34.5 2(6) 45 20
	eP T=1.0 Mu=20 36.7N;141.2E Near East coast of Honsho Japan Magn 4.5 h=57	13	11	41	21	iP ePP ePPP eS 29.1N;128.2E East china sea Magn 6.0 h=197	01	50 53 54 59	06.5 00 09 53
						iP 40.7N;50.0W North Atlantic ocean	03	37	28.5

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
	eP	06	28	54	25	ePPP		54	50
	iS		30	57.5		39.7N;143.2E off East coast of Honsho			
	32.7N;21.3E Near coast of Libya Magn 3.8 h=253					Magn 5.3 h=44			
	eP	14	53	14		iP	15	05	56
	eS			55		T=1.1 Mu=60			
	27.6N;55.1E Southern Iran h=33					off east coast of Honsho Japan Magn 5.5 h=43			
	eP	15	50	11		e	15	54	34
	eS		53	32		e	20	19	27
	eL		56	08		eP	10	12	39
22	iP	04	34	37.6D	26	54.3N;35.2W North Atlantic ocean Magn 4.8 h=33			
	T=1.0 Mu=40					e	16	10	30
	ePP		36	47		eP	19	10	12.5
	eS		42	42		eS		11	32
	20.8N;99.3E Burma Magn 5.5 h=35					eP	21	48	15
	iPKP	20	20	27.6		ePP	21	52	21
	T=1.0 Mu=20					e			32
	ePP		21	19		eSKS		58	47
	5.4S;151.5E New Britain Reg. Magn=6.5 h=57					ePS	22	02	12
	iP	22	20	19.7		e		07	00
	ePP		23	35		54.8S;38.2W South georgia Is. Reg. Magn 6.3 h=33			
	ePPP		25	35		iP	05	22	08.5
	eS		30	43	27	51.9N;175.5E Rat Is. Alution Is. Magn 5.5 h=41			
	PS		31	10		eP	08	03	29
	36.4N;141.3E Near East coast of Honsho Japan Magn 5.6 h=44					eS		04	35
23	eP	11	46	41		e	08	47	06
	Local					iP	20	52	06.7
	iP	13	55	07.4C		45.9N;151.1E Kurile Is. Magn 4.8 h=33			
	Local					eP	03	11	45
	iP	15	09	35.5		ePKP	05	26	26
	Local					ePKP2			34.8
24	ePKP	03	25	04	28	28.0S;178.1W Kermadec Is. Magn=5.2 h=33			
	24.6S;176.0W south of Fiji Is. Magn 4.7 h=11					eP	07	25	32
	iP	20	48	31.2		iS			50.5
	5.2N;96.1E Northern Sumatra Magn 5.2 h=33					iP	13	16	42.5
25	ePKP	01	47	30		eS			56
	31.3S;177.6W Kermadec Is. Magn 4.3 h=33					e	19	44	24
	iPKP	02	21	12.3	29	ePKP	01	36	21
	24.5S;175.9W South of Tonga Is. Magn=5.2 h=22					32.1S;177.8W South of Kermadec Is. Magn 4.4 h=33			
	i	11	06	26.4		iP	02	18	30.5
	eP	11	51	20		iP	13	57	36.7C
	eS		52	36		Local			
	iPKP	12	48	32.0		iPKP	21	46	27.5
	23.9S;177.6W South of Fiji Is. Magn 4.8 h=242					28.0S;177.8W Kermadec Is. Magn 4.7 h=84			
	iP	14	49	36.5		i	23	29	13.4
	T=1.1 Mu=60					45.1N;28.2W North Atlantic Reg. Magn 5.4 h=33			
	ePP		52	39	30	eP	17	07	3(8)

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Jerusalem
September 1965

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
30	eP	17	07	3(8)					
	iS		08	31.2					

E. Arieh
Chief, Seismological Laboratory

October 65

Level

International
Seismological
Centre

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Geography Building, Hebrew University Campus
Jerusalem, Israel

Seismological Bulletin

Coordinated: Lat $31^{\circ} 45' 19''$ N; $35^{\circ} 11' 50''$ E

Elevation : 770 Metres

Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardised Seismograph System

Constants:

Instruments	Comp.	Free Pendulum	Period (sec.) Galvanometer	Magnification
Benioff variable reluctance	Z,N,E	1.0	0.75	50000 at 1.0 sec.
Sprengnether	Z,N,E	15	100	3000 at 15.0 sec.

Abbreviations:

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millimicrons

Epicenter - data - Generally from USCGS

JERUSALEM OCTOBER 1965

Date	Phase	G	C	T	Date	Phase	G	C	T
1	iP	00	00	36.0	6	eP	23	14	43
	T=1.2 ePP	Mu=160				eS		15	52
	iP	09	05	13.5	7	ePKP	01	28	48
	T=1.0 ePP	Mu=50				e(PP)		32	35
	ePPP		08	36	21.7S;174.3W	Tonga Is.			
	eS		10	40	Magn. 5.1	h=48			
	50.1N;178.3E	Rat Is. Aleution Is.							
	Magn. 6.3	h=32							
	ePKP	13	40	54	eP	03	47	40	
	ipPKP		42	17.5	ePP		50	11	
iPKS		43	35.5	eS		57	14		
20.0S;174.4E	New Hebrides Is.			12.6N;114.5E	South China Sea				
Region	Magn.6.2	h=553		Magn. 5.9	h=17				
eP	22	48	25	eP	06	37	(06)		
				eS			37		
				iPKP	07	17	12.7		
				T=08	Mu=50				
				24.5S;179.1W	South of Fiji				
				Is.	Magn.4.8	h=378			
2	iP	08	43	37.2	8	eP	13	52	21
	5.9S;104.0E	Southern Sumatra				Local			
	Magn.5.2	h=33			eP	05	44	00	
	iP	22	38	42.3		iP	06	07	08
3	iP	01	14	29.8	9	49.9N;78.0E	Eastern Kazakh		
						SSR	Magn.5.7	h=0	
	iP	05	23	38.0	i	08	13	08.5	
	38.2S;48.4E	Atlantic Indian			Local				
	Rise								
	iP	14	57	54.8	i	09	23	19.4	
	ePP	15	01	05	iP	13	59	57.9	
	eS		08	16	eS	14	01	07	
	49.5N;156.5E	Kurile Is.			iPKP	22	19	38.3	
	Magn. 5.9	h=33			e			47.4	
iPKP	16	33	55.3	25.7S;176.5W	South of Fiji Is.				
ePP		35	44	Magn=5.6	h=33				
eSKS		41	02						
ePS		45	40	10	eP	13	36	11	
42.9S;75.4W	off coast of				e			28	
Southern Chile	Magn.6.0	h=28		34.4N;140.9E	Near east coast				
				of Honshu, Japan	Magn.5.0				
				h=57					
4	iP	01	37	41.5	10	iP	05	27	50.8
	i(P)	03	48	39.4		iS		28	59.8
	eP	14	56	22					
	eS			24.5	iP	10	33	05.3	
5	i(P)	00	29	37.0	26.3N;128.1E	Ryuku Is.			
					Magn.=5.4	h=33			
	eP	16	01	33	e	14	11	08	
5.2N;96.0E	Northern Sumatra			eP	14	52	03		
Magn.4.6	h=121			iS		53	50.5		
6	eP	21	48	21					

2.
Jerusalem, October 1965

Date	Phase	G	C	T	Date	Phase	G	C	T
10	ePP 59.1S;24.8W South Sandwich Is. Reg. Magn.5.7 h=55	17	44	47	16	h=45			
	iP	19	19	38.1		eP	22	59	(06)
	eS		21	09		52.1N;160.5E off east coast of Kamchatka			
11	e	15	04	1(3)	17	ePKP	02	12	27.7
12	eS	11	32	20.5		i		13	57.3
	eP	13	22	44		8.0S;155.9E Solomon Is. Magn.5.5 h=93			
	eP	13	54	08		iPKP	04	15	00.1
	ePP		57	40		15.7S;173.8W Magn.5.5 h=53			
	eS	14	04	43		iP	09	13	06
	56.3N;153.7W Kodiak Is. Reg. Magn. 5.3 h=11					eS			22
	eS	14	15	30		iP	11	24	45.5
			Local			eS		26	(20)
	eP	18	35	36		38.1N;38.5E Turkey Magn.4.7 h=33			
	eS		36	59	18	iP	02	47	55
	34.4N;26.3E Crete Magn.4.3 h=33		Magn.4.3			iP	10	28	40.5
13	eP	14	05	52		ePCP		31	16
	eP	14	36	30		42.0N;77.7E Kirgiz Sinkiang border Reg. Magn.5.1 h=33			
14	eP	13	02	35		iP	12	35	09.5
			Local			iS		36	12.5
15	iP	14	28	17.4		iP	14	34	59.4
	T=1.0 M ₀ =50					iS		36	36.5
	14.4N;93.7E Andaman Is. Reg. Magn.5.3 h=33					38.8N;27.7E Turkey Magn.4.6 h=33			
	IPKP	23	41	31.7		iP	22	03	22
	19.4S;175.8W Tonga Is. Magn.=4.1 h=194					ePP		07	04
16	iP	08	35	(40)	19	eS		13	55
	i			48.1		1.1S;127.9E Halmahera Magn.5.9 h=33			
	3.1N;128.5E North of Halmahera Magn.=5.7 h=213					iP	21	01	38.6
	eP	10	48	05		ePP		05	10
	eS		49	44	20	eS		12	10
	iP	19	42	59.2		52.3N;174.3E Near Is. Alcution Is. Magn.5.6 h=48			
	i		43	11.7		iP	02	57	29.2
	17.5N;94.7E Burma Magn.5.4 h=33		Magn.5.4			10.7N;127.3E Magn.5.3 h=58			
	iP	20	14	14.0	21	iP	14	36	09.5
	56.2N;164.7E Komandorsky Is. Reg. Magn.5.3 h=33					Local			
	eP	20	37	32		eP	09	49	42
	eS		38	08		eP	00	13	45
	ePKP	22	34	00.5		iP	14	24	26.0
	15.1S;175.3W Tonga Is. Magn.5.3					iP	16	04	25.0

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Date	Phase	G	C	T	Date	Phase	G	C	T
	43.8N;87.1E prov. China	Northern Sinking Magn.4.7 h=33			29	eP eS	20	49 50	3(0) 44
22	iP	18	57	53.5		iP	21	13	04.8
23	iP	06	14	02.9		5.4N;179.2E Kamchatka Atomic Explosion Magn. 6.1 h=0			
	53.8N;165.5W Is. Magn.=5.5 h=16	Fox Is. Aleution			30	iPKP iPKP ₂	07	17	24.9 30
	iP eS	09	40 41	38.5C 14		16.5S;173.3W Magn.5.3 h=33			
	eP eS	10	03 04	28 03		i	11	40	59.5
	iP eS	10	05	02.0 37	31	eP	01	39	06
24	e(P) e e	14 15	55 56 02	03 17 12		eP	17	35	40
	eP e e	18	23 25 27	55 28 32		14.2S;95.2E South Indian Ocean Magn.5.4 h=33			
25	iP ePP iS	22	46 49 56	22.5 17.5 19.5					
	44.2N;145.3E Magn=6.2 h=180	Hokkaido Japan							
	iP	23	53	31.3					
	T=1.5 0.8N;119.5E Magn.5.4	M _n =150 Northern Celebes h=70							
26	ePKP	08	35	25					
	22.0S;175.1W Magn 5.1	Tonga Is. Reg h=33							
27	eP	17	45	25					
	ePKP	09	47	44					
	18.9S;173.2W Magn 4.8	Tonga Is. h=33							
	iPKP	18	12	40					
	17.8S;178.7W Magn =4.3	Fiji Is. Reg h=556							
28	eP eS	04	30 32	12 22					
29	ePKP	04	27	19					
	33.4S;178.6W Is. h=33	S. of Kermadec							
	IPKP	04	28	41.2					
	33.3S;177.7W Magn.4.8 h=33	S. of Kermadec Is.							
	eS	17	35	09					

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November 65

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Jerusalem, Israel

Seismological Bulletin

Coordinates: Lat $31^{\circ} 46' 19''$ N; Long $35^{\circ} 11' 50''$ E

Elevation : 770 Meters

Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardised Seismograph System

Constants :

Instruments	Comp.	Free Period Pendulum	(sec.) Galvanometer	Magnification
Benioff variable Reluctance	Z.N.E	1.0	0.75	50000 at 1.0 sec.
Sprengnether	Z.N.E	15	100	3000 at 15.0 sec.

Abbreviations:

T - Wave period in seconds

Mu - Ground displacement in ^{milli}Microns

Epicenter Data - Generally from USCGS

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
11	eP eS	18 19	58 00	56 14					
	eP eS	21	51 52	24 53					
	e(PKP) T = 0.8, Mu = 27 28.4S ; 176.5W. Kermadec Is. Magn 4.9, h = 47	23	09	51					
					16	eP eS	11	10 12	(35) 25
						eP Local	13	52	11C
12	eS	00	49	51		eP eS	15	35 44	19 00
	ePKP 56.0S; 121.5W. Easter Is. Cordillera. Magn = 4.9 h = 33	02	24	11					
	ePKP 22.2S; 113.9W. Easter Is. reg. Magn = 5.3 h = 33.	17	24	49					
	e(P) 30.4N; 139.8E. South of Honshu, Japan. Magn = 5.2 h = 150	17	26	52	18	eS ePKP ipPKP iPP	02 20 20 22	12 19 20 22	48 15 56 16.6
	iP T = 0.8, Mu = 30 53.3N; 153.6E. Sea of Okhotsk. Magn. = 4.9 h = 469.	19	04	54.8D					
13	iP ePP eS 43.8N; 87.8E. Sinkiang Prov. China. Magn. = 6.3 h = 59	04	41 43 48	45.0C 29 11	19	eP iP Local	07 12	26 24	46 54 C
	eP T = 1.5, Mu = 90 26.2N; 65.1E West Pakistan. Magn = 5.2, h = 22	06	20	08					
	ePKP 29.4S; 68.1W. San Juan Prov. Argentin. Magn = 5.9, h = 48	18	18	19	20	iP	09	03	57.2
	eP eS 36.8N; 140.8E. Near east coast of Honshu, Japan. Magn = 5.9, h = 67.	23	07 09	3(0) 2(3)					
14	iP T = 1.0, Mu = 52 ePP e(S) 36.8N; 140.8E. Near east coast of Honshu, Japan. Magn = 5.9, h = 67.	06	06	36C					
	i 11 50 46.5								
15	iP T = 1.5, Mn = 525 ePP eS 0.3S; 18.7 W. Central Mid. Atlantic Ridge. Magn = 6, h = 24	11	28 30 37	57.2C 57 14					
	iP T = 1.0, Mn = 92 ePP eS 6.1S; 130.4E. Banda Sea. Magn = 6.3 h = 93	10	45	16.6					
	iP Local	14	21	58.5C					
16	iP eS 0.3S; 18.7 W. Central Mid. Atlantic Ridge. Magn = 6, h = 24	01	09 14	45.2 27					

** see end of Bulletin

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
22	eP eS 37.4N; 27.1E. Turkey	05	25 27	49 18	29	20.7S; 175.6W. Tonga Is. Magn = 4.6, h = 164			
	eP T = 1.4, Mu = 70 52.1S; 15.7E. South West of Africa. Magn. = 5.5, h = 33.	12	14	21		ePKP T = 0.7, Mw = 24 20.6 S; 178.7 W Fiji Is reg. Magn. = 4.7 h = 605	05	07	11D
	eP ePP eS 51.3N; 179.8W. Andreanof Is., Aleutian Is. Magn = 5.9, h = 40	20	38 41 49	37 51 08		iP T = 0.5, Mn = 50 45.1N; 146.5E Kurile Is. Magn = 5.3 h = 153	09	12	11.0C
23	cP T = 0.9, Mu = 40 3.0N; 124.8E. Celebes Sea. Magn = 5.6 h = 45	01	30	19		ePKP 32.5S; 109.0W. Easter Is. Cordillera Magn = 4.7 h = 33	19	10	12
	eP 8.7S; 111.0E Java Magn = 5.8, h = 100	16	43	20	30	eP eS 30°N; 32°E.	10	57	16 57.5
25	cP cS 37.6N; 36.6E. Turkey Magn = 4.8 h = 40.	02	07 08	56 59	Omitted	e(PKP) 22.7S; 176.2W. South of Fiji Is. Magn = 5.4 h = 77.	22	49	3(9)
	eS 35.6N; 29.3E. Eastern Mediterra- nean Sea. Magn = 4.4, h = 40	20	32	4(0)	12	iP eS 30.5N; 140.2E. South of Honshu, Japan. Magn = 6.6, h=40	18	05 15	00 32
27	eP eS 35.6N; 29.3E. Eastern Mediterra- nean Sea. Magn = 4.4, h = 40	22 23	59 01	56 20					
28	eP eS 45.6S; 72.4W. Near coast of Southern Chile. Magn = 5.8, h = 33.	03	35 37	5(5) 21					
	ePKP eSKS 45.6S; 72.4W. Near coast of Southern Chile. Magn = 5.8, h = 33.	04	15 22	38 47					
	iP eS 36.1N; 27.7E Dodecanese Is. Magn = 5.9 h = 89.	05	27 29	53.5C 15					
	iPKP 22.3S; 175.1W. Tonga Is. reg. Magn = 3.9 h = 56.	11	29	56.5					
	iS 4.9S; 103.2E. Southern Sumatra, Magn = 5.9 h = 87	14	21	16.5					
	iP T = 1.0, Mu = 54 4.9S; 103.2E. Southern Sumatra, Magn = 5.9 h = 87	21	43	16.2C					
29	ePKP	04	15	28					

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MINISTRY OF DEVELOPMENT
Geological Survey - Jerusalem
Division of Quaternary and Recent Geology
Seismological Laboratory

Address:

Seismological Laboratory
Geography Building, Hebrew University Campus
Jerusalem, Israel

Seismological Bulletin

December 1966

Coordinates: Lat $31^{\circ} 46' 19''N$; Long $35^{\circ} 11' 50''E$

Elevation : 770 Meters

Lithologic Foundation: Upper Cretaceous Dolomite

Instruments: World-Wide Standardised Seismograph System

Constants :

Instruments	Comp.	Free Period (sec.)		Magnification
		Pendulum	Galvanometer	
Benioff variable Reluctance	Z,N,E	1.0	0.75	50000 Dec. 1-14
				25000 Dec. 14-31 at 1.0 sec.
Sprengnether	Z,N,T	15	100	3000 Dec. 1-14 1500 Dec. 14-31 at 15.0 Sec.

Abbreviations:

T - Wave period in seconds

Mu- Ground displacement in Millimicrons

Epicenter Data - Generally from USCGS

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
1	eP	10	35	51		iPKP	08	20.4C	
	24.ON;5.1E. Southern Algeria M=5, h=0					38.4S;176.1W. North Is., New Zealand. M=4.6, h=141			
2	eS	06	49	07		iP	08	48	01
	37.7N;29.4E. Turkey M=4.6 h=41					eS		49	42
	iP	15	52	42.1C		eP	12	17	(54)
	Local from northeast					eS		20	0(3)
	eS	23	09	12		eP	15	45	(17)
	iPKP	23	58	02.5		eS		46	2(1)
	15.3S;173.1W. Tonga Is. M=5.5, h=20					ePKP	22	38	20
						6.4S;146.3E. East New Guinea Reg. M=6.4 h=109			
3	eP	03	15	02	8	eP	00	32	2(7)
	6.2S;112.9E. Java M=5.0 h=574					eS		33	48
	ePKP	07	04	50		eP	11	24	08
	20.4S;174.2W. Tonga Is. M=5.4 h=33					eS		25	35
	ePKP	17	30	23		East of Crete			
	16.1S;177.7W Fiji Is. reg. M=4.6 h=33					eP	12	44	59
	eP	21	23	34		eS		45	13
	T=0.7, Mu=20 36.3N;69.5E. Hindo Kush reg. M=5.5, h=19					ePKP	18	24	53
	eP	14	10	4(2)	9	eP	03	04	24
	eS		12	48		eS		14	08
	iP	16	41	53.0C		43.5S;39.0E. Prince Edward Is. reg. M=5.3 h=33.			
	eS		43	17		eP	06	22	43
	34.2N;26.2E Crete. M=4.9 h=21					ePKP		26	35
5	iP	04	20	08.6C		ePP		27	20
	iS			20.8		17.3N;100.6W. Guerrero, Mexico, M=6.0, h=57			
	From Southwest					iPKP	13	31	25.9
	eP	10	03	(13)		1pPKP		33	58
	eS		04	45		18.0S;178.2W. Fiji Is. reg. M=6.5 h=650			
	eP	16	42	4(0)		ePKP	13	44	13
	23.9N;121.7E Taiwan M=5.2 h=52					17.7S;178.3W. Fiji Is. reg. M=5.1 h=650.			
	iP	18	27	40.4C		iP	13	56	15.6C
	T=1.0	Mu=34				eS			1(8)
	eS		38	26		From N.W.			
	52.6N;173.2E Near Is., Aleution Is. M=5.5, h=36					eP	19	31	2(4)
	eP	22	10	48		iP	20	34	56.4C
	23.3N;94.5E. Burma India Border reg. M=5.5 h=13					T=1.0, Mu=64 27.5N;92.5E, India China Border Reg. M=5.3, h=22			
6	eP	08	06	06	10	e	01	01	39
	T=0.7, Mu=45 43.7N;134.0E. Near east coast of Eastern Russia M=4.8, h=349					eS	06	13	04
	ePKP	11	54	(52)		ePKP	22	12	26
	18.9N;107.1W. off coast of Jalisco, Mexico. M=5.9, h=37					T=1.0, Mu=28			
	eS	21	33	02		ePP		14	43
	eP	01	02	5(7)		iPKS		15	53.8
	eS		04	23		11.4S;166.2E. Santa Cruz Is. M=5.8 h=55			

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
11	eP	01	25	1(1)	21	eP	00	44	19
	eS		26	39					
	ePKP	22	59	41					
	33.1S;178.8W South of Kermadec Is. M=5.1, h=33.					52.6N;158.8E. Near east coast of Kamchatka M=5.0 h=67			
12	eS	02	21	11		iPKP	10	57	42.4D
	eP	03	34	0(4)		T=1.0, Mu=72			
	eS		36	0(9)		30.0S;179.3W. Kermadec Is. M=5.4 h=288.			
	eS	03	43	4(5)		iPKP	18	09	14.5
	ePKP	07	40	49		T=0.6, Mu=26			
	27.9S;177.9W Kermadec Is. M=4.9, h=10				22	eP	00	41	17
	iPKP	17	00	08.2D		52.4N;160.5E. off east coast of Kamchatka M=5.1, h=5.			
	23.3S;175.5W, Tonga Is. reg. M=5.0 h=32					iP	01	04	39.5D
	iP	19	36	32.6C		6.6N;124.1E. Mindano, Philippine Is. M=5.6, h=542			
	50.3N;149.5E. Sea of Okhotsk. M=4.9, h=438					eP	04	45	4(1)
13	iP	05	57	44.0D		eS		47	11
	44.1N;150.2E Kurile Is. reg. M=5.4 h=33					iP	19	54	19.0C
	eP	11	04	37		ePP		57	49
	44.7N;150.1E. Kurile Is. M=5.7, h=35				23	eS	20	04	44
	eP	14	58	40		58.4N;153.0W. Kodiak Is. M=6.5 h=50			
	44.7N;150.2E. Kurile Is. m=5.4, h=33					iP	11	14	02
15	iP	04	52	57.5D		27.7N;54.6E. Southern Iran M=4.8 h=40			
	T=1.0, Mu=160					iP	15	33	04.9C
	22.2N;94.6E. Burma M=5.3, h=106					eS		36	25
	eP	23	19	57		40.6N;14.9E. Southern Italy, M=4.4 h=313			
	ePP		24	18	25	eP	21	00	26C
	ePKS		32	00		60.5N;141.0W. Southeastern Alaska, M=5.4, h=33			
	7.5N;82.2W. South of Panama M=6.0 h=15.					iPKP	03	16	30.4
16	iP	01	56	03.8		iPKP		18	52
	eS		57	29		18.0S;179.2W. Fiji Is. reg. M=5.5 h=625			
	ePKP	23	25	22		eP	15	13	3(5)
	17.5S;179.1W. Fiji Is. reg. M=5.5, h=573					eS		15	46
17	ePKP	21	38	42		eP	19	39	16
	27.6S;178.0W Kermadec Is. M=4.7 h=159					T=0.5, Mu=190			
18	eP	08	43	14		18.1S;179.2W. Fiji Is. reg. M=5.4, h=620			
	eS		53	34	26	ePKP	04	12	50
	44.7N;149.9E. Kurile Is. M=5.5 h=33					5.5S;151.4E. New Britain Region. M=6.0, h=133			
	eP	13	32	52.6		iPKP	18	24	28.0C
	eS		43	26		23.8S;180.0W. South of Fiji Is. M=5.2 h=520			
	44.3N;150.2E. Kurile Is. M=5.1 h=36				28	eP	08	48	3(8)
19	eP	22	18	18		eS		50	11
	eS		28	05		37.0N;26.9E. Dodecanese Is. h=51.			
	32.2S;78.8E. Mid Indian Rise, M=5.8, h=33					eP	20	45	15
20	eP	00	11	02		eS		55	48
	eS		13	07		27.8N;141.8E Bonin Is. reg. M=5.9, h=36			
	40.2N;24.8E. Aegean Sea M=5.3, h=33				29	eS	18	39	44
	eP	07	24	59	30	eP	02	19	37
	50.4N;156.6E, Kurile Is. M=5.1 h=33					54.1N;164.3W. Unimak Is. reg. M=5.6 h=2C			

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
30	eP	05	39	58					
	eS		40	23					
	From the North								
	iP	07	47	41.20					
	Local from N.E.								
	eP	08	57	(10)					
	eS	09	00	(30)					
	iP	17	09	17.6					
	44.2N; 148.5E Kurile Is. M=5.2, h=70								
	e	20	47	25					
31	eP	10	46	3(8)					
	eS		48	02					
	ePKP	11	01	34					
	25.2S; 177.2W. South of Fiji Is. M=5.5, h=160								



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