

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

Address:

Seismological Laboratory
 Geography Building, Hebrew University Campus
 Jerusalem, Israel.

JERUSALEM SEISMOLOGICAL BULLETIN

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

Elevation :. 770 Metres.

Lithologic Foundation: Upper Cretaceous Dolomite.

Instruments: World-Wide Standardised Seismograph System.

Constants:

Instruments	Compon	Free Period (sec.)		Magnification
		Pendulum	Galvanometr	
Benioff- Variable Reluctance	Z,N,E	1.0	0.75	25000 at 1.0 sec.
Sprengnether	Z,N,E	15.0	100	1500 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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January

Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.		
1	eP	00	40	19	5	ePcP		25	15		
	eP	07	25	3(5)		ePP		26	01		
	ePP		29	11		ePPP		27	22		
	eP	10	02	4(3)		eS		31	25		
	eS		03	37		48.1N; 102.8E Mongolia M=6.4 h=33					
2	ePkP	22	18	12	iP		00	55	27.0		
	11.1S; 165.5E Santa Cruz Is. M=5.4 h=33				i			53	38.5		
	eP	08	22	0(8)	48.4; 103.1E Mongolia M=5.6 h=33						
	eS		23	59	iP		06	25	20.0		
	32.2N; 22.7E Near Coast of Libya M=4.5 h=20				eS			35	09		
	eP	09	55	46	13.8N; 120.7E Mindoro Philippine Is. M=5.4 h=166						
	10.2S; 28.5E Republic of the Congo M=5.6 h=33				eP		10	14	22		
	eS	13	02	19	39.4N; 79.2E Kirgiz USSR M=5.3 h=11						
	eP	13	53	09	6	iP		00	07	35.00	
	30.6N; 50.4E Iran M=5.2 h=40					48.1N; 102.9E Mongolia M=5.4 h=33					
iPkP	20	19	11.8	iP			00	16	18.50		
ePP		21	31	e(PP)					26		
ePkS		22	39	ePP				19	26		
12.3S; 166.4E Santa Cruz Is. M=5.2 h=33				41.8; 143.3E Hokkaido Japan region M=5.5 h=35							
3	ePkP	05	54	55	e		12	36	15		
	ePP		57	16	iP		16	53	36.5		
	11.1S; 165.6E Santa Cruz Is. M=4.5 h=33				eS			55	04		
	ePkP	11	24	(26)	7	e		00	31	08	
	11.2S; 165.4E Santa Cruz Is. M=5.3 h=33					e		11	29	0(9)	
ePkP	21	42	34	ePkP			11	52	(15)		
ePP		44	55	ePP				54	35		
12.4S; 166.4E Santa Cruz Is. M=5.0 h=33				12.3S; 166.1E Santa Cruz Is. M=4.7 h=33							
4	iP	03	53	19.6	8	eP		05	15	09	
	20.3N; 12.0E Philippine Is. Reg.					56.0N; 162.9E Near East Coast of Camchatka M=5.1 h=33					
	iP	06	01	52.7		9	iP		01	59	15
	eS		04	09				02	02	30	
38.6N; 22.1E Greece M=5.2 h=7				27.7N; 54.5E Southern Iran. M=5.3 h=17							
eP	20	28	55	10	eP			11	55	41	
10.7N; 62.5W Near coast of Venezuela M=5.5 h=74					e				49		
5	iP	00	23		54.0	eS			56	42	

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
10	iP	13	48	40.5	17	eP	12	11	520
			Local			ePP		15	05
11	eP	06	06	40		ePPP		16	55
	eP	08	01	44		eS		22	07
	eS		02	53					
	eP	11	22	(57)					
	eS		23	33	18	eP	05	44	55
12	eP	18	18	18		ePP		47	11
	28.0N; 54.5E		Southern Iran			eS		53	21
	M=4.9 h=33								
13	ePkP	14	07	12					
	ePP		09	10		iP	08	31	37.5
	10.6S; 161.4E		Solomon Is.						
	M=5.7 h=32					52.5N; 168.3			Fox Is. Aleution
						Is. M=5.7 h=37			
	i	22	08	04.5		eP	17	40	2(7)
								42	35
14	iP	04	40	08.5	19	eP	12	57	29
	eS		40	49		ePkP		59	47
	eP	12	17	46		14.8S; 178.8W			M=6.6 h=18
	52.1N; 175.4E		Rot Is. Aleution		20	eP	02	06	37
	Is. M=5.1 h=41					ePcP		07	24
						iPP		08	30
	eP	12	52	46		eS		14	09
	4.1S; 102.4E		Southern Sumatra						
	M=5.2 h=33					48.0N; 102.9E			Mongolia M=6.1
									h=33
	eP	14	18	2(8)	21	ePkP	03	13	55
	43.4S; 39.1E		Prince Edward Is.						
	Reg. M=5.3 h=33					49.8S; 114.8W			Eastern Is.
						Cordillera M=5.3 h=33			
	eP	15	36	34	22	eP	12	11	03
	44.6N; 81.5E		Northern Sinkian						
	Province China M=5.0 h=33					48.1N; 102.9E			Mongolia M=5.1
									h=33
15	eP	00	06	4(1)	24	iP	03	17	48.0
16	ePkP	14	45	44					
	ePP		48	06		41.4N; 141.9E			M=5.7 h=69
	11.2S; 165.7E		Santa Cruz Is.			eP	09	39	32
	M=5.3 h=6					ePPP		43	35
						eS		48	14
	eP	20	02	11					
	eS		03	42		.6S; 21.0W			Central Mid Atlantic
	36.6N; 26.9E		Dodecanese Is.			redj M=49 h=33			
	h=158				25	iP	01	56	08.5
17	ePkP	01	26	05		ePP		57	03
	ePP		29	03		ePPP		57	35
	eSkks		35	15		e(S)		00	54
	27.4S; 63.3W		Santiago Delestero			36.6N; 71.6E			Afghanistan USSR
	Prov. Arg. M=5.5 h=590					border reg. M=5.7 h=281			
						ePkP	11	03	07

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Date	Phase	G.	C.	T.	Date	Phase	G.	C.	T.
25	19.9S; 178.1W M=4.2 h=5999								
26	e	16	16	29					
27	iP Local	13	54	25.5					
28	iP ePP ePPP eS 52.4N; 169.5W Fox Is. Aleution Is. M=6-6.7 h=47 iP 52.4N; 169.4W Fox Is. Aleution Is. M=5.6 h=50	14	06	11.6					
			09	57					
			11	00					
			16	55					
			17	55					14.5
29	eP eP eS 26.5N; 55.2E Southern Iran M=5.2 h=38	07	17	(30)					
		08	00	53					
			04	13					
30	eP eS 39.3N; 41.3E Turkey M=4.8 h=33 iP eS iP 26.2N; 96.2E M=5.5 h=44	12	27	(24)					
			29	15					
			13	23					35
									40
			21	14					46.0
31	iP 42.8N; 145.4E Hokkaido Japan region M=5.1 h=44 eP eS 26.5N; 55.3E southern Iran M=5.2 h=16	17	56	14.9					
		19	04	40					
			07	50					

E. Arieh
 Chief Seismological Laboratories

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1	iP iPP eS 26.7N; 55.3 M=5.0 h=19	01	11	32.5 12 09.5 14 4(0) Southern Iran	11	eP 48.2N; 154.8E Kurile Is. M=4.7 h=26 eP 30.5N; 50.7E Iran M=5.0 h=42	14	45	36 21 2(5)
2	iP 41.6N; 139.7E Hokkaido Japan region M=5.4 h=176	16	36	27.1	13	iP 43.9N; 148.4E Kurile Is. Region M=4.6 h=33 eP 52.7N; 34.1W North Atlantic Ocean M=6.5 h=10	11	43	10.7 23 23 40
3	iP ePP 5.6S; 110.5E Java Sea M=5.4 h=560	12	59	26.5 13 02 15	14	iP ePcP ePP iPPP eS 13.7N; 96.5E Andaman Is. Region M=6.8 h=27 ePkP 13.3S; 171.3E New Hebrides Is. Region M=5.6 h=635 iPkP 19.4S; 172.8W Tonga Is. Region M=4.9 h=33	01	46	02.0D 58 (17) 49 22.5 54 20
4	eP eS	07	10	15 22					
5	eP 5.4S; 11.4W Ascension Is. Region M=5.2 h=19	19	05	38					
6	ePkP 20.2S; 176.2W Fiji Is. Region M=4.1 h=280	01	54	37.2					
8	eP 23.2N; 93.9E Burma India border region M=5.1 h=33	17	26	57	15	eP 34.5N; 47.6E Western Iran M=5.0 h=38 iP 20.4N; 94.1E Burma M=5.5 h=10	01	50	02 06 06 49.6
9	eP eS 40.0N; 20.3E Greece Albanian border region M=5.6 h=3 eP eSkS 2.9N; 74.9W Columbia M=6.3 h=58	14	11	44 14 18 15 38 55 49 34	17	eP 4.4N; 125.6E Talaud Is. M=5.5 h=66 iPkP ePP 23.7S; 175.2W Tonga Is. Region M=6.4 h=19 iP Local	06	06	49.6 34 25
10	eP eS	23	49	24 50 54					
11	eP 51.7N; 159.5E off East Coast of Camchatka M=4.6 h=21 eP eS eP eS eP 52.0N; 106.2E Revilla Gigedo Is. Reg. M=5.4 h=5	02	52	17 04 21 (42) 22 15 09 12 09 13 30 09 37 07	19	ePkP 21.7S; 174.9W Tonga Is. M=4.4 h=33 iP ePP eS 9.2S; 113.1E South of Java M=6.2 h=80 eP	14	41	46 22 27 02.6 30 18 37 20