

SVEUČILIŠTE U ZAGREBU — PRIRODOSLOVNO-MATEMATIČKI FAKULTET
GEOFIZIČKI ZAVOD

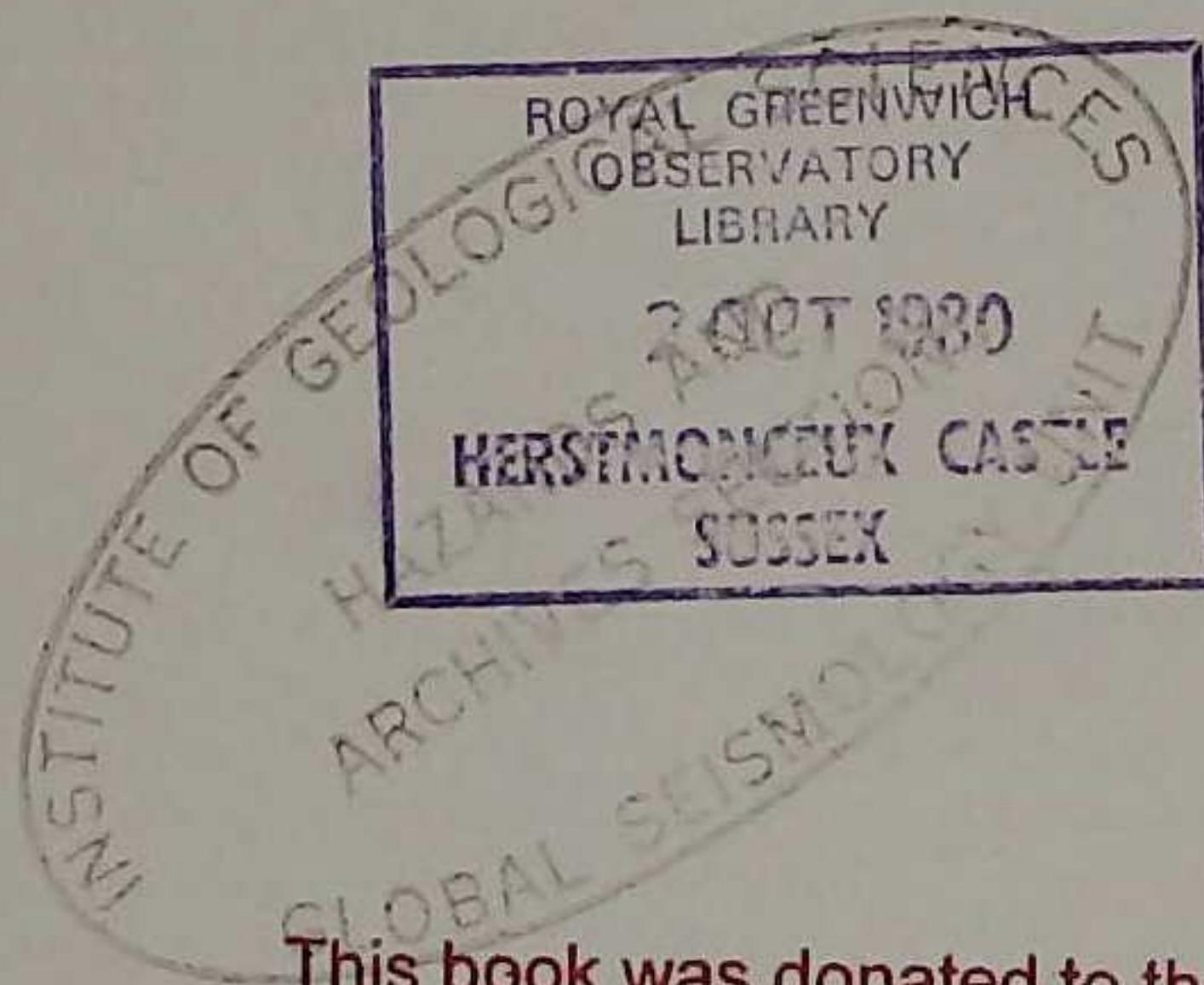


UNIVERSITY OF ZAGREB — FACULTY OF SCIENCES
GEOPHYSICAL INSTITUTE

IZVJEŠĆE O POTRESIMA

SEISMOLOGICAL BULLETIN

Godina: 1976
Year:



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ZAGREB 1979

Geophysical Institute
Z A G R E B
Y u g o s l a v i a

Godina:
Year: 1976

REGISTRACIJE SEIZMOGRAFA

Records of Seismographs

(lat.=45°49'N, long.=15°59'E, H = 155 m)
Horizontal seismograph, Wiechert M= 1.000 kg
Vertical " " M= 1.300 kg
Horizontal " " M= 80 kg

Date	Phase	M			Per. sec.	A m p l i t u d e			Remarks
		h	m	s		NE	NW	Z D km	
J A N U A R Y 1976.									
1	ePn iSn	00	06 08	17.8 05.8					8.8 Central Greece. BCIS: 38.3N, 980 21.9E, H=00:04:07, h=10km.
1	lPKP e ei	01	49 54 57	33.4 35.9 52.3					156 Dilat. Kermadec Islands. USCGS: 17300 28.61S, 177.64W, H=01:29.6, h=59km, M _B =6.2(CGS).
1	ePKP	09	24	35.9					148 Dilat. Samoa Islands. USCGS: 16400 16.59S, 172.85W, H=09:04:44.6, M _B =5.7(CGS), M _S =5.6(CGS).
2	ePn ePb eiSb	22	46 47 48	46.8 03.7 41.4					7.9 Central Greece. BCIS: 38.4N, 880 21.9E, H=22:44:46, h=10km, M=4.2.
3	ePg eiSn	13	19 20	16.3 11.1					8.4 Central Greece. BCIS: 38.4N, 930 21.9E, H=13:16:29, h=10km, M=4.2
3	e(Pb) ei(Sn)	13	52 53	31.7 43.1					8.1 Central Greece. BCIS: 38.3N, 900 21.8E, H=13:50:11, h=10km, M=3.7
3	eP̄ eiSn	15	06 07	38.3 32.3					8.3 Central Greece. BCIS: 38.4N, 920 21.8E, H=15:03:53, h=10km, M=4.2

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Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks
					sec. NE	NW	Z		
3	ePn eISn	17	41	03.6 26.0			1.8 205	Trace. Italy. BCIS: 45.6N, 13.0E, H=17:40:17.8, h=10km, M=2.9(TR1).	
3	ePcP eIPP	19	27 30	46.8 39.2			80 8870	Dilat. Nevada, underground explosion, USCGS:37.30N, 116.33W, H=19:15:00, M _B =6.2 (CGS), M _S =5.5(CGS).	
6	el l	11	39	12.7 34.4				Trace.	
6	eP	21	09	09.3			77 8550	Dilat, Trace. East coast of Kamchatka, USCGS: 51.47N, 159.32E, H=20:57:11.4, M _B =5.1 (CGS).	
6	eP eS	21	20 30	15.9 (00)			77 8550	Compr, East coast of Kamchatka, USCGS:51.60N, 159.33E, H=21: 08:19.3, M _B =5.7(CGS), M _S =6.0 (CGS).	
6	eIP	21	57	16.0			77 8550	Trace. East coast of Kamchatka, USCGS:51.69N, 159.17E, H=21: 45:25.1, M _B =5.3(CGS).	
6	eP	22	29	45.4			78 8660	Compr. East coast of Kamchatka, USCGS:51.68N, 159.21E, H=22:17:47.9, M _B =5.6.	
7	eP	02	08	57.7			77 8550	Trace. East coast of Kamchatka. USCGS:51.62N, 159.19E, H=01: 57:00.8, M _B =M _S =5.2(CGS).	
7	eP	10	57	11.4			77 8550	Trace. East coast of Kamchatka. USCGS: 51.51N, 159.23E, H=10: 46:23.5, M _B =4.9(CGS), M _S =4.6 (CGS).	
7	e	13	59	06.3				Compr, Trace.	
7	IP eS	23	46 56	20.7 (00)			76 8440	Compr. East coast of Kamchatka. USCGS:51.65N, 159.50E, H=23: 34:23.7, M _B =M _S =5.7(CGS).	
8	eP eIS	10	42 52	41.8 31.9			77 8550	Dilat. East coast of Kamchatka. USCGS: 51.68N, 159.10E, H=10: 30:45.0, M _B =5.5(CGS), M _S =5.1 (CGS)	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks	
					sec. NE	NW	Z			
8	eP eSKS	16	02	05.2 18.9			76 8440	East coast of Kamchatka. USCGS: 51.41N, 159.77E, H=15:50:11.3. M _B =5.4(CGS), M _S =4.9(CGS).		
10	eIPKP IPKS	00	13 17	45.4 20.4			132 14660	Compr. New Hebrides Islands, USCGS:15.76S, 167.87E, H=23:54: 35.6, h=168km, M _B =6.1(CGS).		
10	eIP eIPS	12	59 13	58.3 (00)			47 5220	Dilat. China. USCGS:42.14N, 83.39E, H=12:51:25.0, h=34km, M _B =5.4(CGS), M _S =5.2(CGS).		
10	el	13	18	15.4				California-Mexico Border Region. USCGS:32.05N, 115.54W, H=12:58: 15.9, M _B =4.6(CGS).		
12	ePn eISn	17	54 57	24.1 27.9			16.1 1780	Dilat. Cyprus. BCIS: 34.6N, 32.7E, H=17:50:31, h=62km, M=5.0		
12	ePn	20	23	54.7				Trace. Cyprus. BCIS: 34.4N, 32.5E, H=20:20:05.1, h=64km, M=4.3		
13	eP eS M	13	34 30 48	58.3 39.9	10.7	60.5	40.2	26.4 2930	Dilat. Iceland. BCIS: 66.4N, 16.4E, H=13:29:18, h=10km, M=6.6	
14	eISn	10	34	45.2				8.3 920	Central Greece. BCIS: 38.4N, 22.1E, H=10:31:06, h=10km, M=4.2	
14	ePKP IPP el el L	16	16 20 25 28 29	16.0 44.6 29.4 25.3			22 302	143 245	161 17890	Dilat. Kermadec Islands. USCGS: 29.2S, 177.89W, H=15:56:34.9, h=69km, M _B =6.3(CGS)
14	ePKP ePP el L	17	07 12 19 25	32.1 (00) 28.8	19	114	184	160 17780	Compr. Kermadec Islands. USCGS: 28.4S, 177.66W, H=16:47:33.5, M _B =6.5(CGS), M _S =8.0(CGS).	
14	ePKP	18	05	15.4					Kermadec Islands. USCGS:29.94S, 177.41W, H=17:45:17.4, M _B =5.5 (CGS)	
14	ePKP	18	54	47.5					Trace. Kermadec Islands. USCGS: 28.61S, 176.72W, H=18:34:50.0, h=37km, M _B =5.4(CGS).	

Date	Phase	M G T			Per. Amplitude			D ^o Z Dkm	Remarks
		h	m	s	sec.	NE	NW		
14	eIPKP	19	10	25.0					Kermadec Islands. USCGS:29.69S, 176.86W, H=18:50:25.6, M _B =5.4 (CGS)
14	ePKP	23	03	42.0					Trace. Kermadec Islands. USCGS: 28.66S, 176.85W, H=22:43:43.1, M _B =5.5(CGS).
15	eIPKP	03	50	08.9					Trace. Kermadec Islands. USCGS: 29.31S, 176.85W, H=03:30:09.0, M _B =5.2(CGS).
15	e	04	22	11.3					Trace. Kermadec Islands. USCGS: 29.93S, 176.78W, H=04:01:30.2
16	el	06	26	42.9					Trace.
16	e el	06	48 52	18.9 43.5					Dilat.
16	ePKP	11	14	11.1					144 Compr.Trace. Loyalty Islands. 16000 USCGS:21.2S, 168.66E, H=10:54: 28.0, M _B =5.3(CGS)
18	eIP eIS	04	52 58	49.4 23.2					32 Dilat. Spitzbergen. BCIS: 3550 77.8N, 16.8E, H=04:46:24, h= 10km, M=6.
18	eIPn ISn	15	12 13	22.6 48.8					7.3 Compr. Greece. BCIS: 38.8N, 812 20.5E, H=15:10:32, h=10km, M=5.3
20	eIPn ISn	07	20 21	38.8 27.2					3.9 Italy. BCIS: 43N, 13.4E, H= 436 07:19:35, h=10km, M=3.5
21	eIP IS L	10 11	17 02	35.1 41.0					79 Compr. Kuril Islands, USCGS: 8760 44.92N, 149.12E, H=10:05:24.1, h=41km, M _B =6.3(CGS), M _S =7.0 (CGS)
21	e	18	13	31.6	14.5	40.5	36.7		Trace. Kuril Islands. USCGS: 44.78N, 149.52E, H=17:56:20.5, M _B =4.9(CGS).
22	eP	08	19	24.8					Dilat. Kuril Islands. USCGS: 44.39N, 149.62E, H=08:07:10.4, h=44km, M _B =5.4(CGS), M _S =5.6 (CGS).

Date	Phase	M G T			Per. Amplitude			D ^o Z D km	Remarks
		h	m	s	sec.	NE	NW		
22	eP eIS	09	13 23	08.3 16.6					79 Dilat. Kuril Islands. USCGS: 8760 44.52N, 149.18E, H=09:00:56.8, h=55km, M _B =5.6(CGS).
23	eP eIPcP	02	37	00.0 27.5					79 Trace. Kuril Islands. USCGS: 8760 44.08N, 149.60E, H=02:24:51.5, M _B =5.4(CGS), M _S =5.2(CGS).
23	e eIPP eS	05 06	58 02	34.5 46.5 00.0					101.7 Dilat. Flores Sea. USCGS:7.48S, 11300 119.90E, H=05:45:30.5, h=614km, M _B =6.4(CGS).
24	ePKP eIPP	22	08 12	16.6 34.4					160 Compr.Kermadec Islands.USCGS: 17780 28.63S, 177.59W, H=21:48:25.9, h=78km, M _B =6.2(CGS).
25	eP el eIS	12	36 44 46	06.0 37.5 14.9					80 Compr. Kuril Islands. USCGS: 8890 44.80N, 149.79E, H=12:23:55.5, h=54km, M _B =5.9(CGS).
30	IP IS	10	52	05.6 07.7					0.2 Compr. 18

F E B R U A R Y 1 9 7 6

2	IP	03	12	13.8	3.3				77.2 Compr. Trace. Off East coast 8579 of Kamchatka. USCGS:51.50N, 159.49E, H=03:00:16.2
2	eSg	13	42	50.8					9.2 NW Turkey. BCIS:40.5N, 26.3E 1020 H=13:37:55.3, h=10km.
3	epP	16	46	10.6					24.2 Dilat. Caucasus. BCIS:39.9N, 2690 48.5E, H=16:40:44.4, h=89km, ±7km.
3	ePKP ₂ I	18	23	21.7 22.4					150 Dilat. Tonga Islands. USCGS: 16670 18.1S, 175.0W, H=18:03:52.0, h=212km, M _B =5.7(CGS).

Date	Phase	M		T	Per. sec.	A m p l i t u d e			D ^o	Remarks
		h	m			NE	NW	Z		
4	eP eS	00	09	41.1	2.5				76.5	Compr. Near East coast of Kam- chatka. USCGS: 54.5N, 161.9E, H=23:57:54.9, h=33km, M _B =6.0 (CGS), M _S =5.2(CGS).
			19	21.3	3.0				8501	
4	eP epP eS IPS M	09	14	43.0	3.3				90.6	Guatemala. USCGS: 15.32N, 89.10W, H=09:01:45.8, M _S =7.5(CGS) An estimated 23,000 were killed, more than 76,000 were injured, and it was felt over an area of at least 100,000 square ki- lometers.
			25	53.2					10068	
			26	34.8						
		10	00	11.7	4.0				169	
					18					
4	ePKP	13	39	28.3	2.0				149.2	Trace. Samoa Islands. USCGS: 16581 16.5S, 172.7W, H=13:19:39.4, h=33km, M _B =5.3(CGS).
6	eP	18	32	25.5						Trace. Guatemala. USCGS: 14.76N, 90.61W, H=18:19:17.9, h=5km, M _B =5.7, M _S =5.3(CGS). Some damage reported.
10	eP	07	52	47.8					81.6	Dilat. Kuril Islands. USCGS: 9068 44.5N, 149.3E, H=07:40:34.4, h=44km, M _B =5.5(CGS).
11	ePKP	22	03	44.5	2.7				149	Compr. Samoa Islands region. USCGS: 15.3S, 172.3W, H=21:43: 55.4, h=33km, M _B =5.6(CGS), M _S =5.9(CGS).
									16558	
15	eP	02	07	41.3	(2.2)				93.6	(Dilat), Philippine Islands re- 10402 gion. USCGS: 13.0N, 125.8E, h= 33km, H=01:54:23.1, M _B =6.1(CGS), M _S =6.1(CGS).
18	eSn	11	44	54.1					7.6	Trace. Greece, Ionian Islands. 840
21	ePKP	09	04	48.9	2.5				153.3	Dilat. Loyalty Islands region. 17058
22	IP eSKS	08	00	04.6					83.8	Compr. Northern Sumatra. USCGS: 9313 3.17N, 99.02E, H=07:47:59.5, h= 180km, M _B =5.6(CGS).
			09	57.3						
22	ePg	12	05	18.1					7.5	Greece. BCIS: 39.39N, 22.15E, 830 H=10:02:54.4, h=10km,

Date	Phase	M		T	Per. sec.	A m p l i t u d e			D ^o	Remarks
		h	m			NE	NW	Z		
22	IPn IPg ISn ISg M F	16	15	45.0					1.66	Dilat. Croatia. Velebit. BCIS: 185 44.2N, 15.8E, H=16:15:18.7, h=10km, Macro seismic epi- center: 44°12'N, 15°51'E, I ₀ = VI ^o MCS, M=4.1(ZAG)
				46.3						
				16	07.4					
				16	08.5					
				16.9	3.6	33.3	22.8	19.8		
			24							
22	ePn	22	03	42.1					7.7	Greece. BCIS: 39.36N, 22.20E, 855 H=22:01:48.3, h=10km,
22	ei	22	48	21.8						Trace. Greece.
22	ePn eSb	22	56	27.7					7.7	Greece. BCIS: 39.17N, 22.09E, 860 H=22:54:34.2, h=10km, M _B =4.9(CGS).
			58	24.7						
23	eP	09	15	(00)					84	Interrupt. Taiwan. USCGS: 23.0N, 9335 121.7E, H=09:02:31.6, h=33km, M _B =5.5(CGS).
23	eP	15	26	19.1					78.3	Trace. Queen Charlotte Islands 8680 region. USCGS: 51.47N, 130.44W, H=15:14:16.0, h=16km, M _B =5.6, M _S =6.0(CGS).
23	eP	15	21	05.2					10.6	West Turkey. BCIS: 38.22N, 25.66 1175 E, H=16:18:31.1, h=10km,
27	ePn eS eRIS	09	59	22.9					1.8	Nord Italy. BCIS: 45.88N, 13.10E, 200 H=09:58:49.7, h=10km,
				48.3						
				53.7						
29	eP eS M	05	58	43.6					1.7	Trace. Croatia, Felt (IV ^o MCS) 186 at Obrovac (44°12'N, 15°41'E). M=2.6(ZAG).
			59	07.0			0.9			
				10.7	0.7					
29	eP	13	25	29.1	1.2	0.4				Trace.
29	eP	20	37	(00)					6.2	Interrupt. Trace. Albania. BCIS: 685 40.75N, 19.55E, H=20:35:01.8, h=10km,

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks
					sec. NE	NW	Z		
M A R C H 1976									
2	eP eS	19	43 44	29.8 49.0				6.1 672	Albania. BCIS: 40.70N, 19.63E, H=19:41:37.1, h=10km.
4	ePKP epPP	03	09 12	10.9 12.7				137 15225	Dilat. New Hebrides Islands. 14.74S, 167.10E, H=02:50:00.5, h=90km, M _B =6.4 (CGS).
5	e eSn ISg	12	48 49	05.1 56.9 12.5	1.0 2.0	2.4		3.8 417	Central Italy. BCIS: 43.61N, 12.22E, H=12:47:11.0, h=33km. I _{max} =V ^o MCS, M=3.7 (ZAG).
10	eP eS	09	16 25	(00) 07.1	3.3			70 7779	Interrupt. Leeward Islands. USCGS: 16.76N, 61.13W, H=09:05:01.1, h=77km, M _B =5.9 (CGS).
19	eP ePPP	13	11 12	07.9 43.8	3.5			37.2 4134	Dilat. Afganistan. MOS: 36.5N, 67.7E, H=13:03:33, M=5.5
24	ePKP IPP	05	06 10	(00) 36.7	2.1			7.8 161.5 17947	Dilat. Interrupt. Kermadec Islands. USCGS: 29.89S, 177.87W, H=04:46:04.4, h=33km, M _B =6.4 (CGS), M _S =6.8 (CGS).
25	e(Pb) eSg	11	16 17	32.1 33.4	1.4			4.2 462	Trace. Austria. BCIS: 47.6N, 10.7E, H=11:15:19.4, h=2-3km.
25	eP	12	00	07.7	1.9			19.4 2156	Dilat. NE Turkey. BCIS: 40.95N, 42.96E, H=11:55:45.3, h=55±10km.
26	eSg	22	31	11.2				5.0 550	Trace. Switzerland.
28	eP eS	20	27 34	43.5 (00)				42.7 4745	Compr. Atlantic ocean. BCIS: 33.8N, 38.7W, H=20:19:44.5, h=10km.
29	esP e(SKS)	05 06	53 03	(00) 35.1				93.2 10357	Interrupt. Off coast of Central America. USCGS: 3.93N, 85.88W, H=05:39:35.5, h=33km, M _B =5.9 (CGS), M _S =6.5 (CGS).

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks	
					sec. NE	NW	Z			
A P R I L 1976										
2	eSn ISg	11	56	29.8 50.0				4.1 453	Trace. Italy. BCIS: 44.7N, 10.3E, H=11:54:38.3, h=6km.	
2	eP	17	02	53.4	2.6			20.4 2268	Dilat. Turkey. USCGS: 39.81N, 43.61E, H=16:58:07.6, h=46km, M _B =4.6 (CGS).	
5	ePKP	10	08	06.9	1.9			149.3 16592	Compr. Trace. Tonga Islands. USCGS: 15.25S, 173.29W, H=09:48:20.6, h=33km, M _B =5.5 (CGS).	
5	eL	17	30						Trace. China.	
7	eP IS	14	47	54.0 57.5	0.3	4.0	2.2	1.5 30	0.27 Trace. Local. M=1.3 (ZAG).	
8	eP eS eSSS	02	47 52 55	18.4 48.5 (00)	2.5 6.6	14.6			34.8 3867	Compr. Southern Siberia. Bukhara Tashkent area. BCIS: 40.2N, 64.2E, H=02:40:23.2, h=10km, M=7.3 (UPS).
9	eP	07	22	12.6				94.7 10524	(Dilat.) Near coast of Ecuador. USCGS: 0.78N, 79.80W, H=07:08:47.0, h=9km, M _B =6.1 (CGS), M _S =6.7 (CGS), 8 killed and 46 injured in Esmeraldas area.	
10	ePKP	17	30	52.1	2.0			151.4 16850	Dilat. Fiji Islands region. USCGS: 17.66S, 178.50W, H=17:12:09.2, h=560km, M _B =5.7 (CGS).	
16	eP IS	04	58	(00) 08.2	0.5	2.7	2.2	2.2	0.6 62	Interrupt. Slovenia. Felt (IV-V ^o MCS) at Sevnica. BCIS: 46.0N, 15.2E, H=04:57.9, M=2.1 (ZAG).
19	eS	00	32	54.6				11.6 1290	Trace. Crete. BCIS: 35.44N, 24.64E, H=00:27:52.2, h=66±6km	
19	eP ePP	11 06	03 06	17.9 41.2				83.4 9268	Trace. Off East coast of Honshu, Japan. USCGS: 40.2N, 143.2E, H=10:50:53.3, h=17km, M _B =5.3 (CGS), M _S =5.5 (CGS).	
21	eM	17	22	18.4					Trace. Ionian Sea.	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks	
					sec. NE	NW	Z			
21	iP	17	43	45.5	2.5				Dilat. trace.	
21	ePn ISg IM	20	01	(00) 46.4 53.2	1.0	37.3	14.6	32.9	2.8 307	Interrupt. Herzegovina, Yugoslavia. BCIS: 43.4N, 17.5E, H=20:00:19.9, h=10km, I _{max} =VI ^o MCS, M=4.5(ZAG).
22	ePn I ISg	00	59 00	44.1 29.4 30.6	0.9	5.7			2.7	Herzegovina, Yugoslavia. BCIS: 43.3N, 17.5E, H=00:59:02.7, h=10km, I _{max} =V ^o MCS, M=3.9(ZAG).
22	eP eS	17	09 15	45.8 (00)					32.7	Dilat. Iran SW. BCIS: 28.8N, 3634 52.1E, H=17:03:09.3, h=10km,
23	eP	20	35	32.2						Trace. Yugoslavia. BCIS: 44.0N, 16.0E, H=20:35.1.
29	eP eS	22	22 26	41.8 26.5	2.2				20.2	Compr. Caucasus. BCIS: 41.4N, 2240 43.0E, H=22:18:07.8, h=10km.

MAY 1976.

3	eSn	01	14	30.4					3.7	Trace. Montenegro, Yugoslavia. BCIS: 42.66N, 18.86E, H=01:12:51.0, h=10km.	
3	e	08	51	49.0						Trace. Local.	
3	e	11	39	12.0						Trace. Yugoslavia. BCIS: 42.72N, 17.81E, H=11:37:55.2, h=10km.	
4	eP	04	50	51.0	2.8	0.9			0.7	57.5	Dilat. Central Mid Atlantic ridge. USCGS: 8.0N, 38.0W, H=04:40:46.5, h=33km, M _B =5.5(CGS), M _S =5.5(CGS).
4	ePKP	14	16	27.5	1.9				163	(Dilat.) Trace. New Zealand. USCGS: 44.64S, 167.57E, H=13:56:29.9, h=19km, M _B =6.0(CGS).	
4	eP	17	46	25.7	3.0				158	Dilat. Trace. Tonga Islands region. USCGS: 23.76S, 175.55W, H=17:26:31.9, h=40km, M _B =5.2(CGS), M _S =5.8(CGS).	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks	
					sec. NE	NW	Z			
5	ePKP	05	12	47.8					161.3	Compr. Kermadec Islands. USCGS: 17925 29.93S, 177.84W, H=04:52:51.0, h=35km, M _B =6.2(CGS).
6	iPn i IRIP IS	19	59	38.8 41.7 43.1 06.0					1.98	Italy. Carnia, Friuli. Foreshock 220 BCIS: 46.23N, 13.25E, H=19:59:07.1, h=10km, I _{max} =VI-VII, M=4.2(ZAG).
6	iP i i M	20	00 01	48.4 50.4 20.4					2.0	Northern Italy. Main shock. 225 BCIS: 46.31N, 13.31E, H=20:00:14.7, h=10km, I _{max} =IX-X, more than 1300 dead, many injured. USCGS: 46.4N, 13.2E, H=20:00:10.4, h=3km, M _B =6.5(CGS), M=6.2(ZAG), M=6.9(UPS).
6	e(Pg) eSn	20	25 26	38.6 (00)	0.4	2.9			1.9	Italy. BCIS: 46.30N, 13.22E, 212 H=20:25:02, h=10km, I _o =VI ^o MCS
6	e	20	30	26.4						Trace. Italy.
6	e	20	32	16.4						Trace. Italy.
6	eSn	20	40	47.7					1.8	Trace. Italy. 205
6	eSg	20	46	15.7					2.0	Trace. Italy. 220
6	eSg	20	49	11.0					2.0	Trace. Italy. 223
6	eSg	20	51	13.5					1.9	Trace. Italy. 212
6	ePg eSn	21	08	19.9 43.5					2.0	Italy. BCIS: 46.19N, 13.01E, 220 H=21:07:42.4, h=10km, I _o =V-VI ^o MCS.
6	e(Sg)	21	16	14.5					(2.0)	Trace. Italy (225)
6	ePn ISb	21	42 43	51.2 18.6	1.0	6.6			1.9	Italy. BCIS: 46.23N, 13.37E, 213 H=21:42:15.2, h=10km, I _o =VI ^o MCS, M=3.6(ZAG).
6	eSn	21	49	53.1					2.0	Trace. Italy. 220

Date	Phase	H h	G m	T s	Per. sec, NE	Amplitude NW	e Z	D km	Remarks
6	ISg	21	50	43.3				1.9 210	Italy.
6	eRIP eSn	22	14	25.8 44.8				2.0 220	Trace. Italy. BCIS: 46.25N, 13.2E, H=22:13:42, I ₀ =IV-V ^Δ MCS.
6	eSn	22	15	35.6				1.9 215	Trace. Italy.
6	eSg	22	21	43.9				1.9 210	Trace. Italy.
6	eSg	22	34	(00)				2.0 227	Interrupt. Trace. Italy.
6	eSg	22	51	49.9				1.9 212	Trace. Italy.
6	e	22	57						Trace. Italy.
6	e(Sn)	23	06	(00)				2.8 307	Interrupt. Trace. Austria.
6	eP _b eSg	23	07 08	40.2 04.3	0.7 3.3			1.9 210	Italy. BCIS: 46.29N, 13.18E, H=23:07:05.2, h=10km, I ₀ =V-VI ^Δ MCS, M=3.3(ZAG).
6	ePb	23	11	(00)				2.0 220	Interrupt. Trace. Italy.
6	eSg	23	34	29.8				1.9 207	Trace. Italy.
6	e	23	37						Trace. Italy.
7	ePn eSg	00	15	20.1 49.1				2.0 225	Trace. Italy. BCIS: 46.25N, 13.2E, H=00:14:44.
7	ePg IPb ISn	00	24	26.3 27.3 50.9	(2.1) 239.7			1.9 209	Italy. BCIS: 46.22N, 13.28E, H=00:23:51.0, h=10km, I _{max} = VI-VII ^Δ MCS, M=5.2(ZAG).
7	eSg	00	52	48.3				1.9 207	Trace. Italy.
7	eRIP eS	01	01	08.3 30.3				1.9 212	Italy. BCIS: 46.25N, 13.2E, H= 01:00:30, I ₀ =V-VI ^Δ MCS.

Date	Phase	H h	G m	T s	Per. sec. NE	Amplitude NW	e Z	D km	Remarks
7	e(Pg)	01	01	44.8				1.9 212	Trace. Italy.
7	eM	01	03	27.9					Trace. Italy.
7	e	01	12	44.4					Trace. Italy.
7	eS	01	33	45.4				1.8 205	Trace. Italy.
7	eSg	02	06	30.5				2.1 228	Trace. Italy.
7	e	04	51	32.3					Trace. Probably Italy.
7	ePg e(Sn)	05	40 41	58.7 20.6	1.8			2.0 220	Trace. Italy. BCIS: 46.34N, 13.08E, H=05:40:21.9, h=10km.
7	e	05	41	43.2					Trace. Italy.
7	e ISg	06	02 03	47.2 05.7	0.8 4.6			1.9 210	Italy. BCIS: 46.24N, 13.36E, H=06:02:05.4, h=10km, I ₀ =VI ^Δ MCS, M=3.4(ZAG).
7	eP IS I	06	40	08.0 32.6 34.3				1.9 210	Italy. BCIS: 46.29N, 13.32E, H= 06:39:31.8, h=10km, I ₀ =V ^Δ MCS.
7	eSg	07	19	37.6				1.9 213	Trace. Italy.
7	eSg	07	38	(00)				1.8 200	Trace. Italy.
7	e(Sg)	08	00	07.4				2.0 225	Trace. Italy.
7	IPg	09	41	56.4				2.0 218	Italy.
7	I ISg	09	42	26.6 31.0	1.1	5.2			Italy.
7	eSg	10	04	29.6				2.0 225	Trace. Italy.
7	eSg M	11	16	34.6 39.2				1.9 215	Trace. Italy. BCIS: 46.25N, 13.2E, H=11:15:32, I ₀ =IV-V ^Δ MCS.

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
7	e	11	45					Trace. Italy.	
7	ePn eSn	12	42	20.1 45.6			1.9 215	Trace. Italy. BCIS: 46.25N, 13.2E, H=12:41:46, I _o =IV-V ^o MCS	
7	ePn ISb	13	43	25.0 52.2			1.9 210	Italy. BCIS: 46.27N, 13.27E, H=13:42:50.0, h=10km, I _o =VI ^o MCS.	
7	ePn ISn	13	44 45	50.6 16.3			1.9 207	Italy. BCIS: 46.25N, 13.2E, H=13:44:19, I _o =VI ^o MCS.	
7	ePb ISg	15	55	20.0 45.1			1.9 215	Trace. Italy. BCIS: 46.24N, 13.18E, H=15:54:42.4, h=10km, I _o =VI ^o MCS.	
7	e	18	35	20.1				Trace. Italy.	
7	eM	19	13	43.2				Trace. Italy.	
7	eSn eSq	20	13	54.4 55.6			1.9 216	Trace. Italy. BCIS: 46.34N, 13.12E, H=20:12:52.5, h=10km, I _o =V ^o MCS.	
7	e(Sn) e	20	53 53	31.8 55.7			(1.7) (193)	Trace. Italy.	
8	e	02	18					Trace. Italy.	
8	e	02	20	21.1				Trace. Italy.	
8	IP eS M	03	11	(00) 21.7 29.0	0.8	4.8	4.5	2.0 Interrupt. Italy. BCIS: 46.28N, 13.23E, H=03:10:07.3, h=10km, I _o =VI ^o MCS, M=3.5(ZAG).	
8	eSg	09	57	34.3			2.0 222	Trace. Italy.	
8	eSg	10	27	20.3			2.0 217	Trace. Italy.	
8	ePg eSg	11	36 37	55.1 22.4			2.0 222	Trace. Italy. BCIS: 46.25N, 13.2E, H=11:36:20, I _o =IV-V ^o MCS.	
8	eSg	11	41	38.8			2.0 217	Trace. Italy.	
8	eSg	13	33	29.4			1.9 215	Trace. Italy.	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
8	ePg eSn IM	20	41	10.6 32.9 39.1	0.7	2.9	3.5	1.9 215	Italy. BCIS: 46.31N, 13.22E. H=20:40:33.4, h=10km, I _o =V-VI ^o MCS, M=3.3(ZAG).
8	ePn eS	23	27 31	52.0 15.4	4.6			11.3 1255	Turkey. BCIS: 39.29N, 29.14E, H=23:25:07.4, h=10km.
9	IPn IPb ISb ISg	00	54	17.0 19.6 45.1 48.8	1.7			1.9 210	Compr. Italy. BCIS: 46.22N, 13.33E, H=00:53:45.6, h=10km, I _{max} =VIII-IX ^o MCS, M=5.1(ZAG).
9	ePn eSg	12	34	10.2 37.0				2.0 220	Trace. Italy. BCIS: 46.25N, 13.2E, H=12:33:32, I _o =IV-V ^o MCS.
10	IPn ISg	04	36	29.1 57.5	1.6	44.8		1.9 215	Dilat. Italy. BCIS: 46.25N, 13.2E, H=04:35:55, I _o =VI-VII ^o MCS, M=4.4(ZAG).
10	ePn eSn	05	09	26.6 52.0				1.9 215	Italy. BCIS: 46.25N, 13.2E, H=05:08:52, I _o =V-VI ^o MCS.
10	eSg	12	07	46.4	4.2			11.3 1260	Trace. Turkey.
11	eM	00	00	43.7					Trace. Probably Turkey.
11	eSg	03	38	18.1				11.3 1260	Trace. Turkey.
11	ePn eSg	05	32 33	31.6 (00)				1.9 213	Italy. BCIS: 46.22N, 13.14E, H=05:31:58.1, h=10km, I _o =V-VI ^o MCS.
11	eSg	09	58	34.1	0.6			2.0 221	Trace. Italy.
11	eSg	10	07	07.8				1.9 212	Trace. Italy.
11	e	10	33						Trace?
11	epPKP	16	10	22.6				145. 16120	South of Australia. USCGS: 51.60S, 139.68E, H=15:50:41.6, h=33km, M _B =5.8(CGS), M _S =6.6(CGS).
11	ePn I(Sn) IM	17	01 03 04	55.6 35.5 10.9	4.1			8.7 970	Compr. Ionian Sea. BCIS: 37.38N, 20.37E, H=16:59:46.6, h=10km, M=6.3(ZAG).

Date	Phase	H G T			Per. sec.	A m p l i t u d e			D ^o D km	Remarks
		h	m	s		NE	NW	Z		
11	ePg eSg	22	18 19	39.9 08.5				2.0 217	Trace. Italy. BCIS: H=22:18:05, I _o =V-VI ^o MCS.	
11	IPn	22	44	36.8	160			1.8 205	Dilat. Italy. BCIS: 46.27N, 13.03E, H=22:44:02.4, h=10km, I _o =VII ^o MCS. M=4.9(ZAG).	
11	e	22	58	44.0					Trace. Italy.	
11	eRI ₂ ^{-P} eS ₂ IM	23	23 24	41.1 56.1 07.7				1.9 214	Trace. Italy. BCIS: 46.25N, 13.2E, H=23:22:54, I _o =V ^o MCS.	
11	eRI ₁ ^{-P} eS	23	37	24.4 49.2	0.8 2.5			2.0 225	Italy. BCIS: 46.25N, 13.2E, H=23:36:44, I _o =V-VI ^o MCS. M=3.2 (ZAG).	
11	e	23	37	49.6					Trace. Italy.	
12	ePn eSq	03	01 02	54.6 23.6				2.0 225	Italy. BCIS: 46.38N, 13.15E, H=03:01:18.4, h=10km, I _o =V ^o MCS.	
12	eSb	05	17	37.7				11.9 1320	Trace. Gediz. Turkey. BCIS: 39.30N, 29.27E, H=05:11:42.8, h=10km, M _B =4.3(CGS).	
12	eSg	09	05	10.3				2.0 220	Trace. Italy.	
12	eSg	14	49	20.3				2.1 235	Trace. Italy.	
12	eSg	18	07	54.2				1.8 203	Trace. Italy.	
13	ePn	00	46	09.1				7.5 830	Trace. Greece. BCIS: 39.81N, 20.34E, H=00:44:15.6, h=10km, M _B =4.6(CGS).	
13	e eSg	03	15 16	55.5 16.9				2.1 232	Trace. Italy.	
13	ePn ISg	13	05	28.8 58.1	1.0 5.3			2.1 230	Italy. BCIS: 46.20N, 13.04E, H=13:04:51.5, h=10km, I _o =V ^o MCS, M=3.6(ZAG).	
15	ePg ISg	04	26 27	52.1 16.9				1.8 205	Italy. BCIS: 46.25N, 13.30E, H= 04:26:16.7, h=10km.	

Date	Phase	H G T			Per. sec.	A m p l i t u d e			D ^o D km	Remarks
		h	m	s		NE	NW	Z		
15	e	04	28	50.0					Trace.	
15	ePg I ISg	05	26	45.3 59.6 59.9				0.94 105	Slovenia, Krka valey. ZAG: H=05:26:27.0, I _o =V ^o MCS, M=2.7 (ZAG).	
15	eP eS	08	17 23	44.2 54.1				41.7 4630	Zaire republic. USCGS: 04.6N, 19.35E, H=08:09:57.2, h=23km, M _B =5.6(CGS).	
15	eRI ₁ ^{-P} eS	08	41	(00) 24.0				2.0 227	Interrupt. Trace. Italy. BCIS: 46.22N, 13.02E, H=08:40:18.4, h=10km.	
15	eSg	09	07	44.1				2.0 220	Trace. Italy.	
15	eRI ₁ ^{-P}	09	30	10.3				2.0 217	Trace. Italy.	
15	eM	09	41	43.1					Trace. Italy.	
15	ePb eSn	15	25 26	49.8 13.4				2.0 220	Trace. Italy. BCIS: 46.25N, 13.2E, H=15:25:12.	
15	ePg eSg	16	06 07	35.6 (00)				1.9 207	Italy. BCIS: 46.25N, 13.2E, H=16:06:00.	
15	e(Sg)	18	38	17.0				2.0 220	Trace. Italy.	
15	eP ePP M	22 23	09 14 03	36.3 (00) 16				101 11224	Peru. USCGS: 11.64S, 74.48W, H=21:55:58.5, h=33km, M _B =6.0 (CGS), M _S =6.6(CGS), M=6.7(UPS).	
16	eSg	06	00	22.8				1.9 215	Trace. Italy.	
17	IP eS IM	03	05 11 26	33.7 (00) 28.4	3.6 4.5			34.5 3840	Compr. Uzbek SSR. USCGS: 40.4N, 63.5E, H=02:58:48.8, M _B =7.2 (CGS), M=7.3(ZAG).	
17	eSg	11	52	15.8				4.5 500	Trace. BCIS: 44.72N, 09.44E, H=11:49:46.0, h=10km.	
17	ePn ISg	16	13 14	53.2 21.2	1.6		24.8	2.0 220	Italy. BCIS: 46.25N, 13.00E, H=16:13:17.9, h=10km, M=4.2 (ZAG).	
17	eSg	16	22	09.8				2.0 220	Trace. Italy.	

Date	Phase	H h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks
					sec. NE	NW	Z		
17	ePg eSg	17	36 37	36.3 (00)			1.9 210	Italy. BCIS: 46.25N, 13.2E, H=17:36:00	
18	ePg l	01	30 31	49.0 15.3			2.0 220	Italy. BCIS: 46.28N, 13.00E, H=01:30:10.7, h=10km.	
18	IS	02	40	56.7			2.0 222	Trace. Italy.	
18	ePKP2	05	14	41.4			150.5 16750	Trace. New Hebrides Islands. USCGS: 21.60S, 173.34E, H=04: 54:52.3, h=52km, M _B =5.2(CGS).	
18	esS e	08	36 37	21.4 42.3			13.2 1470	Trace. Crete. BCIS: 34.79N, 25.6E, H=08:30:22.3, h=89km ±9km.	
18	eSg	14	33	32.3			2.1 232	Trace. Italy.	
18	ePg	15	22	57.7			1.9 207	Trace. Italy.	
19	eP eS	04	19 30	51.1 18.9			88.5 9835	Dilat. Colombia. USCGS: 4.46N, 75.8W, H=04:07:15.8, h=157km, M _B =5.9(CGS)	
21	eP eSKS	04	24 35	46.2 (00)	4.2		98 10891	Trace. Talaud Islands. USCGS: 3.68N, 125.08E, H=04:11:15.2, h=173km, M _B =5.9(CGS).	
21	e	09	43	16.9				Trace. Turkey.	
23	ePg ISq	00	51 52	46.1 16.7			2.0 222	Italy. BCIS: 46.26N, 13.23E, H=00:51:11.9, h=10km.	
23	ePKP	06	20	33.3				New Ireland region. USCGS: 04.94 S, 153.69E, H=06:01:14.6, h= 103km, M _B =5.8(CGS).	
24	eP e M	11	37 40 50	25.7 3.0 53.8 3.4 18	7.2		90.5 10057	(Dilat.) South of Honshu, Japan. USCGS: 31.25N, 141.62E, H=11: 24:25.2, h=33km, M _B =5.7(CGS), M _S =5.7(CGS).	
24	ePa ISq	17	53	13.0 54.4	1.0	4.9	2.7 305	Italy. Venice. BCIS: 45.73N, 12.00E, H=17:52:21.3, h=10km, M=3.8(ZAG).	

Date	Phase	H h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks
					sec. NE	NW	Z		
25	eP	08	21	04.8				Compr. Kamchatka. USCGS: 51.59N, 159.40E, H=08:09:08.3, h=33 km, M _B =5.3(CGS).	
25	eP	08	28	39.8	0.7			77.6 Kamchatka. USCGS: 51.61N, 8624 195.36E, H=08:16:45.8, h=43km, M _B =5.5(CGS).	
25	IP IS	15	26 27	59.2 00.5				0.1 Dilat. Local. Croatia. I ₀ =111 ^o 11 MCS, Felt at Zagreb.	
25	ePKP	16	32	40.8				147.2 Trace. New Hebrides Islands. 16358 USCGS: 20.40S, 169.22E, H=16: 13:04.3, h=60km, M _B =5.4(CGS).	
25	e(Sb)	18	49	30.6	3.8			(12.1) Trace. Turkey. (1340)	
25	eSg	19	49	(00)				1.9 Interrupt. Trace. Italy. 208	
25	ePn	22	22	21.3				2.7 Trace. Northern. Italy. USCGS: 305 46.69N, 11.81E, H=22:21:34.7, h=33km.	
26	e eSg	07	49	18.5 35.1				2.1 Trace. Italy. ZAG: H=07:48:28.8. 228	
27	eSg	03	50	51.1				2.0 Trace. Italy. 218	
27	e	11	11	(00)				Interrupt. Trace.	
28	e e	23	08	(00) 43.9	2.2			Interrupt. Trace. Turkey. BCIS: 39.29N, 29.25E, H=23:02:23.2	
29	eP ePP eS M	12	34 36 43	23.0 57.4 19.1	3.7			67.4 Dilat. Yunnan province-China. 7490 USCGS: 24.57N, 98.95E, H=12:23: 18.7, h=8km, M _B =6.1(CGS), M _S = 6.9(CGS).	
29	eP e(S)	14	11 20	18.8 27.7				68.0 Dilat. China. USCGS: 24.53N, 7550 98.71E, H=14:00:18.5, h=10km, M _B =6.0(CGS), M _S =7.0(CGS).	
29	e	14	32	22.1				Trace.	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks
					sec. NE	NW	Z		
29	e e	22	48	(00) 16.8	3.8				Interrupt. Turkey. BCIS: 40.38N, N, 28.84E, H=22:42:11.0, h=10 km, M _B =4.0(CGS).
30	e	03	15	15.6					Trace.
30	e(PKP) e	03	27 28	57.6 29.4					Trace. Off coast of Southern Chile. USCGS: 41.64S, 75.41W, H=03:08:54.2, h=28km, M _B =6.0 (CGS), M _S =5.9(CGS).
30	e(S)	04	56	51.1					Trace. Southern Italy.
30	ePg eSg	21	13 14	48.9 17.7					2.0 Italy. BCIS: 46.34N, 13.14E, 227 H=21:13:11.8, h=10km.
30	e(Pg)	21	14	31.3					Trace. Italy.
31	eP eS	05	19 28	31.6 27.9					67.9 Trace. Burma-China border regi- 7550 on. USCGS: 24.34N, 98.64E, H= 05:08:28.5, h=14km, M _B =5.5(CGS), M _S =6.2(CGS).
31	eSn	07	25	27.8					1.9 Trace. Italy. BCIS: 46.25N, 207 13.2E, H=07:24.5.

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1	e	04	35	(00)					2.0 Interrupt. Trace. Italy. 227
1	ePg eSg	15	46 47	42.3 09.6					2.1 Trace. Italy. ZAG: H=15:46: 231 02.6.
1	ePn ePg ISb	17	21 22	47.0 51.7 15.8					2.0 Italy. BCIS: 46.19N, 12.93E, 227 H=17:21:09.8, h=10km.
1	ePg eSn	19	16 17	48.6 10.5					1.9 Trace. Italy. ZAG: H=19:16:00. 223

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks
					sec. NE	NW	Z		
2	e eSg	09	27 28	40.4 04.3					2.0 Trace. Italy. ZAG: H=02:27: 217 01.4.
3	ePKP eL	17 17	03 48	31.8	23				128.8 Dilat. New Ireland region. 13647 USCGS: 5.20S, 153.44E, H=16: 44:38.8, H=88km, M _B =6.2(CGS).
3	ePKP	21	23	39.1	2.5				147.5 Trace. Samoa Islands region. 16400 USCGS: 15.28S, 172.30W, H=21: 03:49.2, h=13km, M _B =5.3(CGS).
4	eP eL _R	04 05	36 16	(00) 29.7	3.0 14	3.9			82.8 Interrupt. East coast of Honshu, 9200 Japan. USCGS: 38.32N, 142.67E, H=04:23:32.4, h=21km, M _B =5.7 (CGS), M _S =5.6(CGS).
4	ePn IS	07	49 50	55.7 30.9	2.5	2.3			2.0 Trace. Italy. BCIS: 46.14N, 220 12.96E, H=07:49:16.1, h=10km, M=3.2(ZAG).
4	eSg	11	58	(00)					2.0 Interrupt. Trace. Italy. 227
5	e(pPKP) i	08 08	39 42	24.7 36.2					(131.5) Trace. Solomon Islands. USCGS: (14600) 10.09S, 161.01E, H=08:20:07.2, h=61km, M _B =6.2(CGS).
6	eSg	08	13	42.0					2.1 Trace. Italy. 228
6	eSn	14	47	46.1					9.8 Trace. Ionian Sea. USCGS: 37.0N, 1085 20.3E, H=14:43:43.2, h=47km, M _B =4.0(CGS).
7	eP e(SKKS)	07 08	50 00	11.0 49.8					92.5 Luzon, Philippine Islands. USCGS: 10280 14.08N, 124.87E, H=07:36:55.4, h=33km, M _B =6.1(CGS), M _S =6.4(CGS)..
7	eP esSKS	14	40 50	(00) 32.2					95.3 Interrupt. Guerrero, Mexico. 10600 USCGS: 17.40N, 100.64W, H=14: 26:39.1, h=45km, M _B =6.1(CGS), M _S =6.4(CGS).
8	e(Sn)	12	06	24.3					1.8 Trace. Italy. (ZAG: H=12:05: 205 31.4).
8	ePg ISn M	12	15	14.1 38.9 40.9	0.8	2.9			1.9 Dilat. Italy. BCIS: 46.28N, 213 13.27E, H=12:14:38.9, h=10km, M=3.2(ZAG).

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e NE	D ^o NW	Z	D km	Remarks
8	e	12	20	22.4						Trace. Italy.
9	eP eS	00	31 40	37.1 37.2	3.3	0.7				67.9 Dilat. Burma-China border re- 7540 gion. USCGS: 24.89N, 98.75E, H=00:20:39.5, h=33km, M _B =5.7 (CGS), M _S =5.9(CGS).
9	ePn e	10	05 09	25.0 (00)						11.9 Gediz. Turkey. BCIS: 39.23N, 1320 29.17E, H=10:02:35.3, h=10km, M _B =4.5(CGS).
9	ePg ISg	10	35	11.3 12.2						0.1 Trace. Local. 7
9	ePn eSn	18	48 49	56.5 23.8		13.3				2.1 Italy. BCIS: 46.19N, 12.96E, 230 H=18:48:16.8, h=10km, M=4.0 (ZAG).
9	e	19	13	29.9						Trace. Italy.
10	eM	06	02	27.2						Trace. SW Crete.
10	e(Sg)	21	09	47.8						Trace. Adriatic Sea.
11	eP eRIP IS	17	17	17.0 19.8 44.2						2.0 Italy. BCIS: 46.23N, 12.99E, 218 H=17:16:41.9, h=10km, I _o =VI- VII MCS.
11	eSg	17	52	32.3						2.0 Trace. Italy. 217
11	eS	18	29	20.5						7.1 Trace. Albania. BCIS: 39.52N, 678 20.57E, H=18:26:18.5, h=53 ^{±4} km, M _B =4.6(CGS).
12	ePn eSb	01	01 04	27.7 34.5	1.9					8.6 Compr. Ionian Sea. BCIS: 37.47N, 958 20.52E, H=00:59:19.4, h= 10km,
12	ePn	02	44	(00)						9.2 Interrupt. Trace. Ionian Sea. 1027
12	e	03	47	(00)						Interrupt. Trace. Ionian Sea.
12	e(PPPS)	04	58	34.8						(9.1) Trace. Ionian Sea. (1015)
12	eSb	10	29	21.6						8.9 Trace. Ionian Sea. BCIS: 37.54N, 987 20.31E, H=10:24:58.7, h= 10km.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e NE	D ^o NW	Z	D km	Remarks
12	e	22	11	29.4						Trace.
13	e(R _S [̄])	00	24	49.8						(8.7) Trace. Ionian Sea. (970)
13	eP	18	50	(00)	1.7					103.1 Trace. Malucca Sea. USCGS: 0.18S, 11460 125.04E, H=18:36:03.1, h=33 km, M _B =5.7(CGS).
13	eP	19	17	46.3						72.0 Trace. Mona passage. USCGS: 8000 19.04N, 67.92W, H=19:06:27.4, h=51km, M _B =5.4(CGS).
14	eM	06	58	46.6						Trace. Turkey.
15	ISb	05	47	33.5						2.0 Trace. Italy. BCIS: 46.25N, 218 13.28E, H=05:46:33.4, h=10km,
15	ePKP e(S)	06	27 37	24.7						111.5 West Irian. USCGS: 00.54N, 12400 134.79E, H=06:09:01.8, h=33km, M _B =6.0(CGS), M _S =6.3(CGS).
15	e	12	49	21.7						9.1 Trace. Ionian Sea. BCIS: 37.41N, 1015 20.60E, H=12:46:52.4, h=10 km, M _B =4.5(CGS).
15	e	23	44	(00)	1.5					(53.5) Interrupt. North of Ascension (5940) Island.
16	e	01	51	21.5	1.0					Trace. Italy.
16	IPb ISg	03	21	11.4 39.6						2.0 Dilat. Italy. BCIS: 46.23N, 225 13.11E, H=03:20:33.5, h=10km
17	I(Pq) ISg	08	45	34.2 34.7						(Dilat.) Local.
17	eIPq eiSn	13	28	25.6 49.1						2.5 Trace. Italy. BCIS: 45.83N, 275 12.75E, H=13:27:35.7.
17	IPb ISn ISb	14	29	28.5 53.8 56.5						2.05 Italy. BCIS: 46.12N, 12.80E, 228 H=14:28:50.6, M=4.6(ZAG).
17	IPg ISb	16	42 43	49.6 13.9						2.0 Trace. Italy. BCIS: 46.24N, 222 13.21E, H=16:42:10.3.
18	I eI	05	57 58	58.7 19.9						Trace.

Date	Phase	M G T			Per. Amplitude			D ^o Z D km	Remarks
		h	m	s	sec. NE	NW	Z		
18	ePKP	10	31	44.2				103 Trace. Near coast of Peru. 11450 USCGS: 15.29S, 75.49W, H=10, 13:51.0, h=33km, M _B =5.6(CGS).	
18	e l	11	57	09.0 32.6				Trace.	
19	ePKP	07	57	48.8				Trace.	
19	eP	15	12	43.7				77 Mascarene Islands region. USCGS: 8550 18.02S, 65.41E, H=15:00:46.7, h=33km, M _B =5.6(CGS).	
20	eP	04	50	43.3				85.5 Dilat. Southwestern Ryukyu 9500 Islands. USCGS: 24.74N, 125.93, H=04:38:08.0, h=36km, M _B = 5.8(CGS).	
20	eSn eSb	04	55	01.1 33.7				8.6 Ionian Sea. BCIS: 38.41N, 21.82E, 955 H=04:51:13.4.	
20	e(Sn) e(Sb)	10	05	14.0 16.6				Trace. Italy. BCIS: 46.25N, 13.2E, H=10:04.2	
20	eP eS	21	05 15	25.9 49.0				80 Compr. Northern Sumatra. USCGS: 8890 3.39N, 96.32E, H=20:53:13.4, h=33km, M _B =6.3(CGS), M _S =7.0 (CGS).	
20	e e	21	32 35	14.3 45.6				Trace.	
21	eP	04	55	02.2				80 Trace. Northern Sumatra. USCGS: 8890 3.27N, 96.38E, H=04:42:50.1, h=45km, M _B =5.2(CGS).	
21	eP	07	29	48.1				80 Compr. Northern Sumatra. USCGS: 8890 3.39N, 96.40E, H=07:17:34.8, h=32km, M _B =5.8(CGS), M _S =5.2 (CGS).	
21	eSb	11	39	16.5				9.1 Trace. Greece. USCGS: 38.41N, 1010 22.48E, H=11:34:42.5, h=33km, M _B =3.9(CGS).	
21	ISg	18	40	29.7				Trace. Local.	
21	i(Sn)	18	59	27.9				Trace. Italy. BCIS: 46.25N, 13.2E, H=18:58.5.	

Date	Phase	M G T			Per. Amplitude			D ^o Z D km	Remarks
		h	m	s	sec. NE	NW	Z		
22	IP	02	36	22.3				80 Compr. Northern Sumatra. USCGS: 8890 3.44N, 96.36E, H=02:24:09.9, h=43km, M _B =5.3(CGS).	
22	ei(Sn)	04	58	15.6				Trace. Italy. BCIS: 46.25N, 13.2E, H=04:57.3.	
22	eP	12	11	18.2				80 Trace. Northern Sumatra. USCGS: 8890 3.37N, 96.23E, H=11:59:04.6, h=33km, M _B =5.3(CGS), M _S =5.1(CGS)	
23	ePn e(Sg)	11	55	23.8 51.7				Trace.	
23	e(P)	14	08	09.3				110 Trace. West Irian. USCGS: 0.54N, 12220 134.81E, H=13:49:58.0, h=33km, M _B =5.8(CGS), M _S =5.7(CGS).	
24	eIP	06	11	45.1				80 Northern Sumatra. USCGS: 3.40N, 8890 96.39E, H=05:59:33.3, h=33km, M _B =5.5(CGS), M _S =5.0(CGS).	
25	e(Sn)	04	50	51.8				Trace. Italy. BCIS: 46.25N, 13.2 E, H=04:50.0	
25	ePn	07	03	57.9				11.7 Crete. BCIS: 34.95N, 23.19E, 1305 H=07:01:06.3	
25	eP e(PKP) I(SKS)	19	34 37 44	10.8 45.0 53.6				118 West Irian. USCGS: 04.6S, 140.1E, 13100 H=19:18:56.9, h=33km, M _B = 6.1(CGS), M _S =7.1(CGS). Press re- ported 422 dead and between 5.000 and 9.000 missing and fea- red dead from landslides.	
25	I(Sg)	23	30	08.5				Trace. Italy. BCIS: 46.25N, 13.2 E, H=23:29.0	
26	eP	10	44	53.2				101 Compr. Talaud Islands. USCGS: 11220 3.66N, 126.75E, H=10:30:59.4, h=33km, M _B =5.8(CGS), M _S =6.5(CGS)	
26	IPg ISg	11	14	25.7 50.4				1.8 Italy. BCIS: 46.27N, 13.15E, 204 H=11:13:49.4, M=3.9(ZAG).	
26	ePg eISb	11	36 37	41.5 06.6				2.1 Trace. Italy. BCIS: 45.94N, 232 13.03E, H=11:35:59.3.	
26	ePb ISb	16	48	16.1 44.2				2.1 Italy. BCIS: 46.21N, 13.09E, 230 H=16:47:38.3	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks
					sec. NE	NW	Z		
27	ePKP el	01	33	(00) 11.8					Interrupt. Trace.
27	i(Sn)	14	02	19.8					Italy. BCIS: 46.25N, 13.2E, H=14:01.3
27	eP	16	57	39.1					Trace.
27	IPKP	19	31	15.0	121 13440				Trace. West Irian. USCGS: 4.63S, 140.19E, H=19:12:29.3, h= 33km, M _B =5.9(CGS), M _S =5.6(CGS).
28	iP iS	14	56	01.7 04.8	0.2 20				Local.
28	e	16	31	08.9					Trace.
29	ePKP	18	50	08.8	163 18110				Compr. South of Kermadec Islands USCGS: 33.82S, 177.83W, H=18: 30:09.1, h=48km, M _B =6.1(CGS), M _S =5.9(CGS).
30	iP iS	12 13	59 00	59.8 01.9	0.1 15				Trace. Local.
30	el	15	07	47.0					Trace.

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1	eP IPP	11	35 38	49.3 44.6					Republic of South Africa. USCGS: 29.52S, 25.18E, H=11:24:05.3, h=33km, M _B =5.9(CGS), M _S =5.6(CGS) Minor damage in central South Africa.
2	iSn	05	20	08.5					
3	e	15	30	16.8	7.8 865				Trace. Greece. BCIS: 39.32N, 21.81E, H=05:16:42.8
3	eIPg el(Sg)	15	36 37	49.5 16.7					Trace.
					2.2 240				Italy. BCIS: 46.25N, 13.2E, H= 15:36.1

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z D km	Remarks
					sec. NE	NW	Z		
3	ePg eSb	16	59	25.5 50.1					2.2 Italy. BCIS: 46.25N, 13.2E, 240 H=16:58.7
4	eP eiPP	03	04 06	48.9 28.6					42 Compr. Eastern Kazakh SSR. USCGS: 4660 49.9N, 78.9E, H=02:56:57.7, M _B =5.8(CGS).
5	IPg ISg	09	52	24.6 52.9					2.2 Italy. BCIS: 46.25N, 13.2E, H= 240 09:51.7
5	ePKP	20	12	04.1					146 Trace. Eastern Island Cordillera 16220 USCGS: 50.1S, 114.8W, H=19:52: 11.4, h=33km, M _B =5.3(CGS).
8	eP ePP	11 12	59 02	21.8 30.5					80 Dilat. Near east coast of Honshu, 9000 Japan. USCGS: 40.2N, 142.3E, H=11:47:1.8, h=55km, M _B =5.4 (CGS).
8	ePb eISn eSg	15	23 24 25	20.8 41.6 44.3					9.5 Dilat. Ionian Sea. BCIS: 37.56 N, 1050 20.57E, H=15:20:40.3, h=40km.
10	ePn eiSg	04	12	(00) 30.0					2.0 Interrupt. Italy. BCIS: 46.23N, 220 13.2E, H=04:11:24.9
10	IP IPcP	11	48 49	27.3 10.8					70 Dilat. Sea of Okhotsk. USCGS: 7780 47.36N, 145.72E, H=11:37:12.8, h=387km, M _B =5.8(CGS).
10	eP	16	48	36.9					43 Trace. Pakistan. USCGS: 29.96N, 4780 68.13E, H=16:40:35.7, h=33km, M _B =5.3(CGS).
11	ePn	14	30	07.6					7.7 Trace. Ionian Sea. BCIS: 37.8N, 850 19.8E, H=14:28.2
11	eSn	14	53	48.7					8.9 Trace. Ionian Sea. BCIS: 37.5N, 990 20.1E, H=14:49.9
11	eP ISKS	17	07 17	21.2 52.6					87 Compr. Panama USCGS: 7.34N, 9660 78.47W, H=16:54:31.8, h=22km, M _B =6.3(CGS), M _S =6.7(CGS).
11	eSb	18	06	35.7					8.8 Trace. Ionian Sea. BCIS: 37.7N, 975 19.8E, H=18:02.2

Date	Phase	Per. Amplitude			D ^o D km	Remarks
		M h	G m	T s		
11	eP	18	33	10.4		86 Trace. Panama. USCGS: 7.39N, 9560 78.20W, H=18:20:23.7, h=33km M _B =5.7(CGS).
11	IP IS	20 21	54 05	38.0 25.7		87 Compr. Panama. USCGS: 7.41N, 9660 78.13W, H=20:41:47.5, h=3km, M _B =6.2(CGS), M _S =7.0(CGS), 7 in- jured in Panama-Colombia border area.
12	ePg ISg	04	41	(00) 09.4		0.72 Interrupt. Slovenia, Gorjancl 80 Mountains, M=3.2(ZAG), Felt (IV) at Novo Mesto, Otočec. I _o =VMCS.
12	ePg eSg	08	05 06	30.0 (00)		1.9 Italy. BCIS: 46.29N, 13.22E, 216 H=08:04:51.4
13	ePg ISg	12	10 11	54.3 03.2	1.4	0.68 Slovenia, Šmarjeta. BCIS:45.90N, 75 15.20E, H=12:10:44.9, M= 3.7(ZAG), Felt at Novo Mesto. I _o =VI ^o MCS.
13	eSg	12	20	37.0	12	Trace. Slovenia, Šmarjeta. I _o =III MCS.
13	eP IPP	15	31 32	29.1 09.7		2R.4 Norwegian Sea. USCGS: 72.61N, 3155 3.54E, H=15:25:35.6, h=33km, M _B =5.2(CGS), M _S =5.3(CGS).
13	ISg	17	22	55.5		Trace. Slovenia. Šmarjeta. I _o = IV MCS.
13	eSn	20	41	18.9		9.3 Trace. Ionian Sea. BCIS: 37.20N, 1030 20.31E, H=20:37:22.5
14	ePn ISn	05	40	06.5 28.9		1.93 Italy. BCIS: 46.31N, 13.27E, 214 H=05:39:35.4, M=4.4(ZAG).
14	eP eIPP	07	27 31	15.5 31.8		99.6 Bali Island region. USCGS: 11070 08.17S, 114.89E, H=07:13:24.0, h=40km, M _B =6.2(CGS), M _S =6.5 (CGS), 563 ^B reported killed and 2300 injured on Bali.
14	ePP	10	41	35.3		100 Trace. Bali Island region. 11110 USCGS: 08.13S, 114.86E, H=10: 23:45.8, h=33km, M _B =5.9(CGS), M _S =5.5(CGS).

Date	Phase	Per. Amplitude			D ^o D km	Remarks
		M h	G m	T s		
14	eRsP̄ eRs2S̄	12	28 30	22.7 48.4		10.1 Ionian Sea. BCIS: 37.22N, 20.34E 1120 H=12:25:10.8, h=64+9km
15	ePn ISn	12	59	27.3 54.2		2.1 Italy. BCIS: 46.26N, 13.23E, 230 H=12:58:51.1, M=3.5(ZAG).
15	ePg eISg	19	43 44	34.3 56.7		Albania. BCIS: 40.69N, 20.80E, H=19:41:31.1
16	IPg ISg	15	12	12.8 16.5		0.25 Trace. Local. 28
16	IPg ISg	19	59	23.8 31.0		0.54 Slovenia. Felt at Novo Mesto. 60 I _o =III ^o MCS.
17	e	04	24	47.3		Trace.
17	eSn	06	59	20.4		Trace. Italy, BCIS: 46.25N, 13.2E, H=06:58.3.
17	IPb	09	14	51.7		4.4 Switzerland. BCIS: 46.64N, 485 9.77E, H=09:13:34.1
17	ePKP	21	25	26.9		124 Dilat. New Britain region. 13780 USCGS: 4.16S, 152.75E, H=21: 06:32.1, h=53km, M _B =6.0(CGS), M _S =6.6(CGS), Felt (VI) at Rabaul.
18	e	13	32	46.6		Ionian Sea. BCIS: 38.47N, 20.26E, H=13:30:45.9.
18	e	13	39	54.0		Trace. Italy. BCIS: 46.28N, 13.15E, H=13:39:18.7, M=3.5 (TRI).
18	e	22	11	42.0		Trace. Albania. BCIS: 41.04N, 22.37E, H=22:09:39.0, M=3.8 (TRI).
20	ePb eSn	00	56 57	35.8 25.1		4.9 Macedonia. BCIS: 43.79N, 17.52E, 540 H=00:55:52.1,
20	ePKP ePKS	01	31 35	25.6 (00)		132 North Sumatra. USCGS: 21.69S, 14665 113.24W, H=01:12:07.2, h=33km, M _B =5.3(CGS), M _S =5.8(CGS).
21	ePg ISg	15	09	15.1 18.2		0.2 Local. 22

Date	Phase	Per. Amplitude			D°	Remarks
		M h	G m	T s		
21	eP	15	21	45.9	67 7440	Compr. Burma. USCGS: 24.78N, 98.70E, H=15:10:45.6. $M_B=5.8$ (CGS), $M_S=6.3$ (CGS).
23	e	13	30	08.7		Trace. Yugoslavia.
23	ePg ISn	13	30 31	53.5 10.4	1.1 120	Bosnia. Zag: 45.0N, 17.0E,
27	ePn ISb	08	20	27.1 55.2	2.0 220	Italy. BCIS: 46.25N, 13.2E, H=08:19.8, M=3.3(TRI).
27	eP eS	19 20	54 03	11.2 26.0	16 150	70 China. USCGS: 39.57N, 117.98E, H=19:42:54.6, h=23km, $M_B=6.3$ (CGS), $M_S=7.9$ (CGS), M=7.3(ZAG).
28	eP eS	10 11	56 06	48.2 (00)	71 7890	Dilat. China. USCGS: 39.66N 118.40E, H=10:45:35.2, h=26 km $M_B=6.3$ (CGS), $M_S=7.4$ (CGS).
28	ePKP	17	34	45.1		Compr. New Hebrides Islands. USCGS: 20.20N, 170.00E, H=17:15:01.7, $M_B=5.6$ (CGS), $M_S=6.0$ (CGS).
28	ePKP	17	40	44.8		Dilat. New Hebrides Islands. USCGS: 20.27N, 170.01E, H=17.21:05.2, h=39km, $M_S=5.7$ (CGS).
28	eP	20	22	29.5	21 2330	Dilat. Caucasus. BCIS: 43.15N, 45.72E, H=20:17:47.5, h=53km.
29	eIP IPP	05	04 05	56.4 15.4	22 2440	Compr. Kazakhstan. Nuclear explosion. USCGS: 47.78N, 48.12E H=04:59:57.7, h=0km. $M_B=5.9$ (CGS), $M_S=4.4$ (CGS).
30	eI	07	01	08.7		Trace. New Hebrides Islands. USCGS: 20.10S, 170.01E, H=06:40:25.4.
30	ePg ISg	07	33	25.7 52.4	2.0 225	Italy. BCIS: 46.24N, 13.07E, H=07:32:45.1, M=3.8(TRI).
31	e	01	07	(00)		Interrupt. Kermadec Islands. USCGS: 30.32S, 177.96W, H=00:46:58.0, h=20km, $M_B=5.8$ (CGS), $M_S=6.2$ (CGS).
31	eIPn ISn	14	47	30.0 57.2	2.0 225	Italy. BCIS: 46.26N, 13.32E, H=14:46:55.3, M=3.5(TRI).

Date	Phase	Per. Amplitude			D°	Remarks
		M h	G m	T s		
AUGUST 1976.						
2	ePKP eiPPP	11	15 21	(00) 49.5	140 15553	New Hebrides Islands. USCGS: 20.61S, 169.27E, H=10:55:25.7, h=52km. $M_B=6.1$ (CGS), $M_S=6.9$ (CGS).
4	eP	14	12	37.6	84 9330	Trace. Tristan da Cunha. USCGS: 35.65S, 14.04W, H=14:00:01.8, h=33km, $M_B=5.8$ (CGS), $M_S=5.4$ (CGS).
4	eI	16	08	09.4		Trace.
5	e	23	22	21.2		Trace. Panama. USCGS: 7.57N, 78.00W, H=23:05:54.2, $M_B=4.4$ (CGS).
6	I	18	38	54.9		Trace. Local.
7	ePKP	09	56	51.7		Trace. New Hebrides Islands. USCGS: 20.69S, 169.21E, H=09:37:11.8, h=44km, $M_B=5.1$ (CGS), $M_S=4.7$ (CGS).
7	eP	21	56	15.1	75 8330	Trace. Panama. USCGS: 7.49N, 77.98W, H=21:44:25.0, h=23km, $M_B=4.4$ (CGS).
8	e	03	18	54.4		Trace. Philippine Islands. USCGS: 5.52N, 126.65E, H=03:02:27.9, $M_B=4.6$ (CGS).
10	ePP	00	23	33.1	83 9220	Trace. Colombia. USCGS: 5.33N, 77.46W, H=00:07:43.3, h=50km, $M_B=4.6$ (CGS).
10	IPg ISg	02	19	26.4 33.5	16.5	0.5 Dilat. Slovenia. BCIS: 45.85N, 57 15.38E, H=02:19:19.5, M=2.9 (ZAG), Felt at Črnomelj, Metlika, Novo Mesto, Karlovac, Samobor. $I_0=V^{\circ}MCS$.
10	ePg ISg	09	06	(00) 04.5	9.0	0.3 Interrupt. Dilat. Croatia. M=2.0 (ZAG). Felt at Zdenčina, Sv. Nedelja, Samobor.

Date	Phase	Per. Amplitude			D°	Remarks
		h	m	s		
11	eRIP ⁵ ISg	00	05	54.1	3.4	Yugoslavia. ZAG: 42.9N, 17.8E, 375 M=3.2
			06	14.7		
11	IPg ISg	12	30	12.3	0.1	Trace. Local.
				14.1		
12	e	01	23	24.8		Trace. Italy.
12	eP eSKS	21	06	56.7	3.2	98.5 Dilat. Celebes Sea. USCGS: 10930 03.55N, 124.33E, H=20:53:49.1, h=357km, M _B =5.8(CGS), M _B =
			17	(00)		
12	IP eS	23	37	29.4	1.9	65.8 Compr. Burma. USCGS: 26.68N, 7320 97.07E, H=23:26:46.2, h=27km, M _B =6.4(CGS), M _S =6.1(CGS).
			46	(00)		
14	eSg	07	33	34.8		3.5 Trace. Austria. BCIS: 47.44N, 385 11.43E, H=07:31:43.4.
16	e	02	37	(00)		53.5 Interrupt. Trace. North of 5945 Ascension Islands.
16	eP eS M	14	17	35.6	4.1	66.5 China. USCGS: 32.75N, 104.16E, 7390 H=14:06:45.9, h=16km, M _B = 6.1(CGS), M _S =6.9(CGS).
			26	29.2		
			44	15	189.8	
16	eP ePP ISKKS I M	16	24	49.6	5.0	98.8 Mindanao. Philippine Islands. 10980 USCGS: 06.26N, 124.02E, H=16: 11:07.2, M _S =7.9(CGS). 5000- 8000 reported killed, many injured, and extensive damage by earthquake and tsunami.
			29	(00)		
			36	09.3	17.5	3017
			17	31.1		
17	eP ePP eSKS	04	33	(00)	97.8	Interrupt. Mindanao, Philippine 10870 Islands. USCGS: 07.25N, 122.94E H=04:19:27.3, h=22km, M _B = 6.2(CGS), M _S =6.8(CGS).
			37	(00)		
			43	37.9		
17	ePn ISn	11	01	41.7	4.8	Trace. Southern Italy. BCIS: 530 41.42N, 15.38E, H=11:00:21.1
			02	38.0		
17	eP	17	40	48.4	1.7	
18	IP I IS	05	59	32.3	2.1	Dilat. Dodecanese Islands. 1311 BCIS: 36.7N, 27.1E, H=17:37: 56.9, h=163km, M _B =5.1(CGS).
				57.2		
			06	01.9	1.3	2.4
					1.1	
						2.1 Trace. Italy. BCIS: 46.25N, 232 13.2E, H=05:58.9, M=3.2(ZAG).

Date	Phase	Per. Amplitude			D°	Remarks
		h	m	s		
18	e(PP)	20	45	(00)		(96.3) Interrupt. Trace. Mindanao. (10700) Philippine Islands.
19	ePn e	01	15	42.1	12.3	Interrupt. SW Turkey. BCIS: 1370 37.67N, 28.97E, H=01:12:40.2, 4 killed, 50 injured, 1800 houses destroyed at Denizli.
			19	37.9		
19	eSP	22	40	55.0	2.3	17.3 Trace. Greece. BCIS: 39.23N, 1923 22.31E, H=22:36:27.9, h=53km ±7km, M _B =4.3(CGS).
20	ePKP	00	16	06.8		152 Trace. Tonga Islands region. 16892 USCGS: 17.71S, 172.80W, H=23: 56.28.1, h=59km, M _B =5.0(CGS).
20	e	07	12	(00)	3.0	1.0 Interrupt. Trace.
21	ePP eSKS	07	15	40.5	4.6	111.1 Benda Sea. USCGS: 06.72S, 12347 129.57E, H=06:56:47.2, h=120km, M _B =6.0(CGS).
21	IP e(S) M	22	00	43.2	14	66.5 Dilat. China. USCGS: 32.57N, 7390 104.25E, H=21:49:54.2, M _B =6.1 (CGS), M _S =6.4(CGS).
			09	17.5		
			27		40	
22	eP eS	02	13	13.0	75	Southern Alaska. USCGS: 60.22 N 8335 153.30W, H=02:01:47.4, h= 144km, M _B =5.5(CGS).
			22	33.6		
22	ePn ISb	02	50	30.6	4.7	Italy. BCIS: 44.55N, 09.59E, 525 H=02:49:16.0, M _B =4.8(CGS),
			51	40.2		
22	e eL	13	34	32.8	4.1	2.0 Gediz, Turkey. BCIS: 39.27N, 29.18E, H=13:28:50.0, M _B =4.8 (CGS).
22	eS	17	22	49.4		9.8 Trace. Ionian Sea. USCGS: 37.41 1090 N, 20.56E, H=17:18:46.9, h= 63km, M _B =4.4(CGS).
22	ePKP e	21	29	14.2	146.2	Trace. New Hebrides Islands 16247 region. USCGS: 14.05S, 170.94E, H=21:09:41.9, h=31km, M _B =5.7 (CGS).
				18.6		
				2.1		
23	ePn M	03	17	16.5	2.6	10.3 Greece. BCIS: 38.23N, 20.60E, 1150 H=03:15:14.0, M _B =4.5(CGS). h= 45km (ZAG).
			20	25.0		
				4.1		

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
23	IP ePPP IS	03	40 45 49	57.2 (00) 45.6	3.4			66.5 Dilat. China. USCGS: 32.49N, 7390 104.18E, H=03:30:07.6, M _B = 6.2(CGS), M _S =6.7(CGS).	
24	ePn ISg	23	23 24	53.3 44.8				3.2 Trace. Czechoslovakia. USCGS: 356 48.59N, 17.34E, H=23:23:01.2	
25	eP eSKS	12	43 53	07.4 39.5	4.0			93.5 Luzon, Philippine Islands. 10390 13.05N, 124.45E, H=12:29:54.2, h=23km, M _B =5.6(CGS).	
27	e eSn	23	10	42.3 45.6				3.7 Trace. Austria. BCIS: 47.04N, 412 11.28E, H=23:09:01.2	
28	eP ePP	03	04 06	44.4 14.6	1.7 1.7			41.0 Compr. Trace. Eastern Kazakh 4556 SSR, Underground nuclear explosion. USCGS: 49.97N, 79.00 E, H=02:56:57.5, h=0km, M _B = 5.8(CGS).	
28	ePg	10	11	26.7	0.7			1.7 Hungary. 191	
28	ePKP2	16	33	20.0				148.4 Dilat. Tonga Islands. USCGS: 16492 16.04S, 173.25W, H=16:13:31.7, h=33km, M _B =5.2(CGS).	
31	eSg	11	23	44.8				6.7 Trace. Bulgaria. BCIS: 41.95N, 743 23.25E, H=11:20:09.0, M _B =3.4 (CGS).	
31	epPKP e	13	42 46	17.6 (00)	3.5			165.0 Trace. Kermadec Islands region. 18337 USCGS: 28.29S, 176.63W, H=13: 22:10.9, h=51km, M _B =5.5(CGS), M _S =5.9(CGS).	

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1	1(Pg) IM	13	21	05.6 11.9	0.5			6.5 (0.1) Trace. Local. Felt (11 ^o MCS) (15) at Zagreb. M=0.9(ZAG).
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Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
1	IPKP	13	45	04.8	0.8		0.6	151 Compr. Trace. New Hebrides 16780 Islands. USCGS: 20.41S, 169.36E H=13:25:29.9, h=75km, M _B = 5.7(CGS).	
2	e(Pg)	15	14	16.4				(0.1) Trace. Local. (13)	
3	ePg e(Sg)	14	00	15.0 16.8				Trace. Local.	
5	e	12	09	44.9				Trace. Northern Italy. BCIS: 44.4N, 9.9E, H=12:07:06.0, h= 5km.	
5	ePg eSn	16	29	(00) 35.7				4.4 Interrupt. Trace. Italy. BCIS: 488 44.5N, 9.5E, H=16:27.6, M= 3.7	
5	eP esP	22	12	08.5 20.9				20.1 Dilat. Turkey. BCIS: 38.46N, 2234 40.97E, H=22:07:39.6, h=48km ±7km, M _B =5.1(CGS). 9 Injured and many houses damaged.	
6	ePg e(Sg)	13	15	06.5 11.6	0.7		6.5	Trace. Local.	
6	ePn IM	19	28 29	55.7 26.6	0.5	2.1	2.2	2.1 Italy. BCIS: 46.24N, 13.09E, 228 M _B =5.2(CGS), M=3.2(ZAG).	
7	ePg ISg IM	11	08 09	57.0 26.1 31.4	0.6	3.2	2.2	2.0 Italy. BCIS: 46.22N, 13.10E, 226 H=11:08:17.9, M=3.3(ZAG).	
8	eP ePP	02	26 31	43.7 (00)				102.5 Trace. Molucca Sea. USCGS: 11390 00.06S, 124.84E, H=02:12:48.9, h=64km, M _B =5.9(CGS).	
8	eSg	04	13	44.0				2.0 Trace. Italy. BCIS: 46.25N, 223 13.20E, H=04:12.7, M=3.1 (TRI).	
9	e(Pg)	09	10	(00)				Interrupt. Trace.	
9	eP ePP	09	34 35	18.5 31.8	2.4			32.4 Trace. Svalbard region. BCIS: 3600 77.86N, 08.19E, H=09:27:47.7, M _B =5.2(CGS).	

Date	Phase	M G T			Per. sec.	A m p l i t u d e			D ^o D km	Remarks
		h	m	s		NE	NW	Z		
9	eSg	17	27	43.3				2.1	Trace. Italy. BCIS: 46.25N, 13.20E, H=17:26.6, M=3.2 (TRI)	
11	ePn ISg	16	31 32	46.1 16.6	2.0	646.8		298	1.9 Dilat. Italy. BCIS: 46.32N, 13.19E, H=16:31:13.8, M _B =5.2(CGS). I _o =VIII ^o MCS. At least 5 killed, some injured considerable damage and land slides in Northeastern Italy. M=5.4(ZAG).	
11	ePn ISg	16	35 36	40.9 07.9	0.9			356	2.0 Italy. BCIS: 46.32N, 13.18E, H=16:35:04.8, M _B =5.5(CGS). I _o =VIII ^o MCS. M=5.4(ZAG).	
11	ePn eSg	16	49 50	32.0 (00)				221	2.0 Trace. Italy. BCIS: 46.26N, 13.27E, H=16:48:57.6, M _B =5.1(CGS).	
11	e eM	17	35 36	49.0 11.5	0.6				Trace. Italy. Felt (TRI).	
11	ePg eSg	18	28	30.0 56.0	0.4			215	1.9 Trace. Italy. BCIS: 46.25N, 13.22E, H=18:27:54.3, M=3.4(TRI).	
11	eSg	19	58	24.7					Trace. Italy. BCIS: 46.25N, 13.2E, H=19:57.3, M=3.1(TRI).	
11	ePn ISg	21	06	24.7 55.6	0.8			228	2.1 Trace. Italy. BCIS: 46.24N, 13.17E, H=21:05:48.7, M _B =3.7(CGS).	
12	ePn IPg ISg	01	20 21	33.6 35.9 04.4	1.5		4.9	3.1	2.0 Compr. Trace. Italy. 46.29 N, 13.25E, H=01:20:00.5, M=3.2(ZAG).	
12	ePb ISg	08	09	06.4 36.2				206	1.9 Trace. Italy. BCIS: 46.26N, 13.27E, H=08:08:33.0, M=3.5	
12	ePg eSg	08	15	29.7 55.8				214	1.9 Italy. BCIS: 46.25N, 13.22E, H=08:14:51.0, h=10km, M=3.6(TRI).	
12	ePn eSg	10	42	28.8 55.9				210	1.9 Trace. Italy. BCIS: 46.28N, 13.29E, H=10:41:54.4, M=3.2(TRI).	

Date	Phase	M G T			Per. sec.	A m p l i t u d e			D ^o D km	Remarks
		h	m	s		NE	NW	Z		
12	ePg ISg M	19	54	05.0 34.0 38.8	2.4			13.8	1.9 Italy. BCIS: 46.23N, 13.23E, H=19:53:30.4, M=4.1(TRI). M=4.3(ZAG).	
13	ePn ISg	07	04	31.4 03.2	4.4			225	2.0 Italy. BCIS: 46.18N, 15.05E, H=07:03:55.1, M=3.4(TRI). M=3.5(ZAG).	
13	eI	07	31	07.5					Trace.	
13	ePg eSn eISg	14	18	18.0 39.3 45.8				230	2.1 Trace. Italy.	
13	iPn IPb ISn ISg	18	55	23.5 24.5 48.3 52.8	23.7			212	1.9 Italy. BCIS: 46.24N, 13.19E, H=18:54:48.5, M=4.3(TRI), M=4.1(ZAG).	
13	IPg I ISn	19	42 43	52.0 54.9 14.1	6.7			215	1.9 Italy. BCIS: 46.15N, 13.00E, H=19:42:16.3, M=3.9(TRI). M=3.6(ZAG).	
13	IPn ISn	21	25 26	48.6 12.9				208	1.9 Trace. Italy.	
14	eIPn esP	06	53 54	39.4 08.3				6390	57.5 Trace. Tibet. USCGS: 29.80N, 89.56E, H=06:43:52.3, h=82km, M _B =5.5(CGS).	
14	ePn IPg eSg	08	25 26	59.1 06.3 26.8	3.1			213	1.9 Italy. BCIS: 46.25N, 13.16E, H=08:25:22.1, M=3.7(TRI). M=3.3(ZAG).	
14	eSn eI(Sb)	15	30	15.3 17.8				210	1.9 Trace. Italy. BCIS: 46.25N, 13.2E, H=15:29:06, M=3.2(TRI).	
14	ePKP ePP	16	05 08	31.0 19.6				15058	135.5 Trace. Easter Island Cordillera. USCGS: 26.43S, 115.07W, H=15:46:08.6, h=33km, M _B =5.5(CGS), M _S =5.7(CGS).	
14	ePKP	23	17	39.8				12724	114.5 West Irian. USCGS: 03.72S, 138.02E, H=22:49:32.4, h=75km, M _B =5.8(CGS).	
15	ePn e(Sn)	01	30	15.3 39.0				205	1.8 Trace. Italy.	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
15	IPg ISg	03	15 16	55.2 20.8			1.9 211	Dilat. Italy. BCIS: 46.32N, 13.16E, H=03:15:22.1, M= 5.9(ZAG), I=IX ^o MCS. Felt (IV ^o MCS) at Zagreb.	
15	ePn e ISg	04	39 40	32.0 39.0 01.9			1.9 216	Italy. BCIS: 46.32N, 13.17E, H=04:38:55.5, M=4.7(TRI). M=4.6(ZAG).	
15	ePn IPb ISg	04	59	19.6 21.9 47.8			1.9 216	Italy. BCIS: 46.31N, 13.18E, H=04:58:44.5, M=4.3(TRI), M=4.3(ZAG).	
15	ePn ePg eSn ISg	05	39	10.4 13.9 35.0 38.4			1.9 210	Italy. BCIS: 46.25N, 13.2E, H=05:38:24, M=3.3(TRI).	
15	e	08	38	07.9				Trace.	
15	ePn IPg ISg	09	21 22	53.0 57.7 23.6			2.0 218	Dilat. Italy. BCIS: 46.33N, 13.17E, H=09:21:20.6, M= 5.9(TRI), M=5.8(ZAG), I= IX ^o MCS, Felt (III-IV ^o MCS) at Zagreb.	
15	ePn e I(Sn) ISg	09	46	32.2 34.3 55.4 05.7			2.0 225	Italy. BCIS: 46.28N, 13.18E, H=09:45:57.1, M=4.3(TRI), M=3.8(ZAG).	
15	e(Sg)	10	55	39.2				Trace. Italy.	
15	eIPn ISn ISg	11	11 12	47.0 15.7 16.8			2.0 222	Italy. BCIS: 46.32N, 13.24E, H=11:11:12.9, M=4.5(TRI), M=5.0(ZAG). Felt (III ^o MCS) at Zagreb.	
15	ePn ISn ISg	11	18	28.4 53.9 55.1			1.9 215	Italy. BCIS: 46.34N, 13.19E, H=11:17:45.9, M=3.7(TRI).	
15	e	11	52	09.2				Trace. Italy.	
15	e(Sn) e	12	51 52	43.3 11.3				Trace. Italy. BCIS: 46.25N, 13.2E, H=12:50:48, M=3.1 (TRI).	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
15	ePn e(Pg) ISg	14	43	16.5 22.0 43.5			1.9 210	Dilat. Italy. BCIS: 46.29N, 13.02E, H=14:42:37.2, M= 3.7(TRI). M=3.2(ZAG).	
15	ePg I	15	20	34.5 37.1			2.1 228	Italy. BCIS: 46.35N, 12.98E, H=15:19:55.3, M=3.7(TRI).	
15	ePg eSg	15	25	07.8 34.2			2.0 224	Italy. BCIS: 46.09N, 12.74E, H=15:24:27, M=3.5(TRI).	
15	ePn ISg	16	12	03.6 30.2			1.9 215	Italy. BCIS: 46.24N, 13.16E, H=16:11:21.4, M=3.3(TRI).	
15	ePn eSg	16	25	09.8 37.9			1.9 216	Italy. BCIS: 46.31N, 13.21E, H=16:24:26.0, M=3.4(TRI).	
15	e(Sg)	16	51	07.0				Trace. Italy.	
15	ePn e eISg	17	26 27	43.7 51.1 16.0			1.8 200	Italy. BCIS: 46.25N, 13.2E, H=17:26:00, M=3.7(TRI).	
15	ePn ISn i(Sg)	17	45	29.0 54.1 04.6			1.9 216	Italy. BCIS: 46.06N, 13.03E, H=17:44:52.0, M=3.4(TRI).	
15	ePn IPg ISg	19	31 32	47.1 49.6 17.9			1.98 220	Italy. BCIS: 46.25N, 13.24E, H=19:31:12.6, M=4.1(TRI), M=3.7(ZAG).	
15	ePn I ISg	20	24	47.9 49.6 15.1			1.9 215	Italy. BCIS: 46.29N, 11.10E, H=20:24:11.1, M=3.9(TRI), M=3.6(ZAG).	
15	IPg ISg	20	30	(00) 04.9			0.4 41	Interrupt. Trace. Local.	
15	ePn ISg I	20	35 36	34.0 03.9 04.2			1.9 216	Italy. BCIS: 46.27N, 13.25E, H=20:34:55.7, M=3.7(TRI).	
15	e(Pn) ei(Sg)	20	45 46	36.1 04.3			(1.9) (216)	Trace. Italy. BCIS: 46.26N, 13.00E, H=20:44:50.0, M=3.3 (TRI).	
15	e	22	22	11.7				Trace. Italy.	
15	e	23	42	(00)				Interrupt. Trace. Germany.	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
16	ePn ePg ISg	01	31	21.6 26.4 49.5			1.9 216	Italy. BCIS: 46.31N, 13.15E H=01:30:45.9, M=3.7 (TRI).	
16	eP ePPP	03	34 36	19.0 14.8	3.0		38.7 4300	Compr. North of Svalbard. USCGS: 84.33N, 00.78E, H= 03:26:52.0, h=8km, M _B =5.3 (CGS), M _S =5.5(CGS).	
16	eP e ePPP	04	20 22	34.3 44.1 33.5	3.0		37.6 4180	North of Svalbard. USCGS: 84.18N, 02.12E, H=04:13: 15.5, h=10km, M _B =5.2(CGS), M _S =5.4(CGS).	
16	eP eI PPP	04	35 37	36.8 24.9	3.4		37.2 4134	North of Svalbard. USCGS: 84.22N, 00.98E, H=04:28: 23.3, h=15km, M _B =5.2(CGS).	
16	eP e e	05	20 21 23	32.5 23.1 12.5	2.5		38.5 4279	North of Svalbard. USCGS: 84.18N, 00.49E, H=05:13: 05.9, h=10km, M _B =5.1(CGS), M _S =5.5(CGS).	
16	ePg ISn	05	41	34.9 54.9				Trace. Italy. BCIS: 46.25N 13.2E, H=05:40:42, M= 3.3(TRI).	
16	e(Pg) e(Sn) e(Sg)	09	09	04.0 31.4 38.9				Trace. Italy.	
16	ePKP e(PP)	11	45 47	37.1 49.6	2.3		123.8 13758	Dilat. East Papua. New Guinea region. USCGS: 09.21 S, 148.14E, H=11:26:36.8, h=15km, M _B =5.7(CGS), M _S = 5.9(CGS).	
16	ePg e(Sg)	13	24	43.0 48.5				Trace. Local.	
16	I(Sn) I	14	28	40.1 45.0				Trace. Italy.	
16	e(Pn) e(Sn)	20	02	23.0 47.9				Trace. Italy.	
16	e(Sn)	23	53	04.3				Trace. Italy.	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
17	ePn IPg ISn ISb	04	14	43.7 48.6 10.5 12.3			2.0 225	Italy. BCIS: 46.31N, 13.26E, H=04:14:08.0, M=3.9(TRI), M=3.4(ZAG).	
17	e(Sn)	09	18	57.9				Trace. Italy. BCIS: 46.25N, 13.2E, H=09:18:00.0, M=3.2 (TRI).	
17	e(Sn)	13	16	(00)				Interrupt. Trace. Italy. BCIS: 46.25N, 13.2E, H=13: 15:00.0, M=3.2(TRI).	
17	ePn IPb eSn ISg	14	18	13.4 14.7 38.5 43.8			2.1 230	Italy. BCIS: 46.25N, 13.2E, H=14:17:36.0, M=3.3(TRI)	
18	ePn ISg	00	40	18.2 47.3			2.1 228	Trace. Italy. BCIS: 46.29N, 13.06E, H=00:39:40.8, H= 3.6(TRI).	
18	ePg eSg	05	28	19.0 44.8			2.0 200	Trace. Croatia. BCIS: 44.0N, 16.0E, H=05:27:48.0, Felt at Knin.	
19	ePg eSg	10	27 28	31.0 (00)			2.0 218	Trace. Italy. BCIS: 46.22N, 13.19E, H=10:26:53.4, M= 3.7(TRI).	
19	eP IS e	14	52 53 53	41.9 58.7	0.3	21.1	19.2	1.2 Yugoslavia, Slovenia. BCIS: 129 45.53N, 14.33E, H=14:52: 19.7, Klana, Ilirska Bistrica, M=3.7(ZAG).	
19	IP eS	15	09 17	42.2 37.0	2.2		59.5 6612	Compr. Zambia, USGS: 11.6S, 32.86E, H=14:59:43.7, h=27km, M _B =5.7(CGS).	
19	eP epP	21	11	(00) 18.9	2.5		90 10002	Interrupt. Trace. Guerrero, Mexico, USGS: 18.22N, 100.47W, H=20:58:05.1, h=55km, M _B = 5.6(CGS).	
20	e eSg	02	28	19.0 30.1			2.0 225	Trace. Italy. BCIS: 46.25N, 13.2E, H=02:27:24, M=3.1(TRI).	
20	ePn eSn	09	10 11	35.7 (00)			2.0 226	Italy. BCIS: 46.27N, 13.23E, H=09:10:00.4, M=4.0(TRI).	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o Z	D km	Remarks
					sec. NE	NW	Z			
20	ePn eSg	23	34 35	56.3 23.9				2.0 221	Italy. BCIS: 46.29N, 13.24E, H=23:34:21.1, M=3.5 (TRI).	
21	e	05	52	10.9					Trace.	
21	IP eS	15	03 04	33.2 49.9	3.7			6.6 734	Sicily. USCGS: 38.84N, 14.70E H=15:01:50.6, h=302km. M _B =4.9(CGS).	
21	ePg eSg	16	18 19	32.9 (00)				1.9 213	Trace. Italy. BCIS: 46.25N, 13.2E, H=16:17:54, M=3.1 (TRI).	
22	eP eS	00	28 38	15.5 15.5	3.8			77.7 8635	Compr. Kuril Islands. USCGS: 44.88N, 149.23E, H=00:16:08.2, h=64km, M _B =6.1(CGS).	
22	eSg	15	24	56.4				(1.8) (200)	Trace. Italy. BCIS: 46.25N, 13.2E, H=15:24:00, M=3.2 (TRI).	
22	eP eS	16	27 38	32.7 48.7				95.8 10650	Compr. Trace. South Atlantic ridge. USCGS: 46.19S, 13.91 W, H=16:14:08.2, h=25km, M _B =5.7(CGS).	
22	eP e(S)	20	17 26	23.7 (00)				62.3 6923	Northern China. USCGS: 40.03N, 106.33E, H=20:07:03.2, h=29km, M _B =5.6(CGS), M _S = 5.7(CGS).	
23	ePg ISg	07	08	15.6 18.0	38.3			0.2 21	Local.	
25	I ISg	13	50	26.9 30.7	1.0			0.3 32	Trace. Local.	
25	e(S)	14	41	52.4				(3.7) (412)	Trace. Central Italy. BCIS: 42.91N, 13.28E, H=14:39:56.1	
25	eSn eSg	20	07	17.7 18.5				1.9 207	Trace. Italy. BCIS: 46.25N, 13.2E, H=20:06:18, M=2.9 (TRI).	
26	ePn ISg	01	52	26.7 56.5				2.0 224	Italy. BCIS: 46.28N, 13.11E, H=01:51:51.4, M=3.6(TRI).	

Date	Phase	M h	G m	T s	Per. Amplitude				D ^o Z	D km	Remarks
					sec. NE	NW	Z	Z			
26	e eSg	05	31 32	38.3 (00)					2.0 225	Trace. Italy. BCIS: 46.25N, 13.2E, H=05:30:54, M= 3.1(TRI).	
26	ePg eSg	07	25	22.2 50.1					2.1 232	Trace. Italy. BCIS: 46.25N, 13.2E, H=07:24.7, M= 3.1(TRI).	
26	e eSg	07	34	42.7 50.0					2.0 217	Trace. Italy. BCIS: 46.25N, 13.2E, H=07:33.7, M= 3.3(TRI).	
26	ePg ISg	14	53	(00) 24.8	1.6	2.1	2.9	2.2	2.0 217	Interrupt. Italy. BCIS: 46.26 N, 13.18E, H=14:52:22.2, M= 3.6(TRI), M=3.3(ZAG).	
27	ePn eSn	14	38	06.0 32.3	1.2	2.3	2.8	1.1	2.0 222	Trace. Italy. BCIS: 46.23N, 13.18E, H=14:37:31.1, M=3.6(TRI), M=3.3(ZAG).	
29	eP ePP	03	06 07	34.2 39.5	1.5				32.3 3590	Dilat. Trace. Novaya Zemlya, Nuclear test. BCIS: 73.37N, 54.20E, H=03:00:00.9, h=0km, M _B =5.8(CGS).	
29	e(PP)	21	19	50.7						Trace. Mindanao, Philippine Islands. USCGS: 06.09N, 124.07E, H=21:02:32.7, h= 41km, M _B =6.0(CGS), M _S =5.4 (CGS).	
30	ePn	00	35	07.9					8.8 980	Ionian Sea. BCIS: 37.37N, 20.27E, H=00:33:00.2, M _B = 4.9(CGS).	
30	eSg	14	55	(00)						Interrupt. Trace. Local.	
30	eM	17	14	52.2					(8.4) (930)	Trace. Greece. Patras region. BCIS: 38.18N, 21.47E, H= 17:09:58.5.	
30	ePKP e	23	54 58	09.1 55.0					159.1 17700	Kermadec Islands. USCGS: 30.24S, 177.88W, H=23:34: 14.4, h=32km, M _B =5.7(CGS), M _S =6.5(CGS).	

Date	Phase	M G T			Per. Amplitude			D ^o	Remarks
		h	m	s	sec. NE	NW	Z		
O C T O B E R 1976									
1	ePKP	07	33	(00)					149.8 Interrupt. Trace. FIJI 16647 Islands region. USCGS: 19.73 S, 177.62W, H=07:13:51.2, h=384km, M _B =5.3(CGS).
1	eP̄	09	27	36.5					Local.
1	e(P̄)	10	30	57.1					Trace.
1	IP e	17	52	30.7 52.7					7.4 Dilat. Romania, Vrancea 822 region. BCIS: 45.77N, 26.63E, H=17:50:44.1, h=134±3km, M _B =5.2(CGS).
2	eP	10	10	13.4					18.3 Trace. Turkey. USCGS: 39.53N, 2020 40.02E, H=10:06:01.1, h=40km, M _B =4.7(CGS).
3	e(Sg)	05	26	32.5					Trace. Italy, M=2.8(TRI).
3	eSg	17	50	24.1					1.9 Trace. Italy. USCGS: 46.22 N, 13.20E, H=17:49:51.5, M=3.4(TRI).
5	eP̄ IS	08	20	03.1 05.3					0.17 Trace. Local. 19
5	ePKP e	18	21 23	18.3 13.0	1.9 2.7				132.2 Dilat. New Britain region. 14690 USCGS: 06.43S, 153.00E, H= 18:02:15.4, h=22km, M _B =6.3 (CGS), M _S =6.0(CGS).
6	eP e(S)	13 14	51 01	10.7 05.4					85.7 Trace. Near East coast of 9524 Honshu, Japan. USCGS: 37.09 N, 141.27E, H=13:38:42.9, h=81km, M _B =5.6(CGS).
7	eP̄ IS	00	03	40.3 47.1	0.5	4.2	4.3		0.4 Slovenia, Gorjancl. M=2.0 42 (ZAG).
8	eSg	08	03	(00)					6.7 Interrupt. Trace. Northern 475 Italy. BCIS: 45.63N, 09.80E, H=08:00:42.1, M _B =4.9(CGS).
8	eP ePP	21 21	18 18	12.7 31.9	1.3				85.7 Dilat. Luzon, Philippine. 9524 USCGS: 18.9N, 121.3E, H=21: 05:31.0, M _B =5.6(CGS).

Date	Phase	M G T			Per. Amplitude			D ^o	Remarks
		h	m	s	sec. NE	NW	Z		
9	e(P̄)	05	42	18.0					Trace. Local.
11	eP	06	42	13.9	1.5				80.9 Dilat, Northern Sumatra. 8990 USCGS: 03.37N, 96.31E, H= 06:30:03.7, h=52km, M _B =5.4 (CGS). M _S =5.2(CGS).
11	eM	16	58	22.3					Trace, Northern Italy. USCGS 46.79N, 12.50E, H=16:57:26.7
11	e	19	28	34.4					Trace. Italy. Felt at Iser- nia.
12	ePKP	00	59	57.6					135 Trace. Solomon Islands. 15003 USCGS: 10.45S, 161.30E, H= 00:40:52.9, h=106km, M _B = 6.0(CGS).
12	eSg	08	02	50.0	0.9	0.4			2.1 Trace. Italy. H=08:01:40.6, 237 (ZAG), M=3.1(TRI), M=2.5 (ZAG).
12	eSg	10	24	13.4	1.7		0.6		2.0 Trace. Italy. ZAG: H=10:23: 221 06.9, M=3.2(TRI), M=2.6(ZAG).
12	e	14	13	46.2					Trace.
12	e(P̄) eS	15	04	27.9 29.8	0.2		0.4	2.4	(0.2) Trace. Local. (18)
13	ePn IS	02	49	14.9 48.3	2.5	25.3	33.1	14.6	2.1 Italy. BCIS: 46.36N, 13.10E, 230 H=02:48:40.8, M=4.4(TRI), M=4.4(ZAG).
13	ePn eSn	07	40	30.5 56.9					2.1 Trace. Northern Italy. USCGS: 235 46.72N, 12.92E, H=07:39:53.0, M=3.4(TRI).
15	eSg	08	35	(00)					(0.7) Trace. Slovenia, Kozjansko (77) Felt (IV ^o MCS) at Vinski Vrh.
15	eP̄ IS	13	02	21.8 24.5	0.3	2.7	4.3	2.4	0.2 Local. M=1.4(ZAG). 23
15	eSg	23	06	45.2					(0.7) Trace. Slovenia. (73)

Date	Phase	M h	G m	T s	Per. sec.	Amplitude NE	Amplitude NW	Amplitude Z	D ^o D km	Remarks
15	eP eS	23	09 15	55.5 (00)					31.6 Ion, BCIS: 30.18N, 52.03E, 3510 H=23:03:34.2, h=53km±4km	
16	eSg	09	05	12.5					(0.6) Trace. Slovenia, Kozjansko (68)	
19	eSn ISg	08	32	39.0 43.6					2.1 Trace. Italy. USCGS: 46.57N, 230 12.85E, H=08:31:36.2, M=3.0(TRI).	
19	eM	22	54	(00)					Interrupt. Trace. Italy. M=3.2(TRI).	
20	e	14	23	31.0					Trace.	
22	ePn	11	25	(00)					6.5 Interrupt. Trace. Ionian 725 Sea. BCIS: 39.74N, 18.86E, H=11:23:29.6, h=46±8km, M _B = 4.6(CGS).	
23	e(P̄)	12	40	18.4					Trace. Local.	
26	ePn ISn	05	45 46	31.1 31.5					5.2 Trace. Albania. BCIS: 41.78N, 577 20.04E, H=05:44:10.2	
26	eSg	06	03	54.5					2.1 Trace. Italy. USCGS: 46.01N, 233 12.78E, H=06:02:47.0, M=3.2 (TRI).	
27	eSg	10	04	33.5					2.1 Trace. Italy. 235	
27	eSg	10	05	(00)					(0.2) Interrupt. Trace. Local. (25)	
27	ePg eSn	10	17	(00) 42.1					6.4 Interrupt. Ionian sea. BCIS: 715 39.72N, 18.93E, H=10:14: 57.2, h=10km.	
27	eP̄ eS	11	32	10.4 13.7					(0.3) Trace. Local. (28)	
29	ePKP e ePS	03	09 10 20	51.6 50.7 35.8					115.5 West Irian. USCGS: 04.52S, 12836 139.92E, H=02:51:07.6, h= 33km, M _B =6.1(CGS). 133 re- ported killed in Djaja wldja- ja mountains area.	

Date	Phase	M h	G m	T s	Per. sec.	Amplitude NE	Amplitude NW	Amplitude Z	D ^o D km	Remarks
30	ePn	12	29	20.9					2.0 Trace. Italy. USCGS: 46.26 220 N, 13.25E, H=12:28:44.6, h=10km.	
NOVEMBER 1976.										
2	eP ePP	07	26 30	28.5 25.9					93.3 Mid-Indian rise. USCGS: 10368 29.35S, 77.66E, H=07:13:15.7 M _B =5.8(CGS).	
6	eP eS	18	15 24	06.0 09.6	1.8				66.8 Czechwan Province, China. 7424 USCGS: 27.61N, 101.05E, H= 18:04:08.9, M _B =5.8(CGS).	
6	eSn	20	59	57.9					6.5 Ionian Sea, Greece. BCIS: 725 39.57N, 18.7E, H=20:57:06.5, M _B =4.7(CGS).	
7	ePKP	00	52	33.7					156 Trace, Fiji Islands region. 17336 20.82S, 178.43W, H=00:33: 43.7, M _B =5.3(CGS), h= 582km.	
7	e(Sn)	02	13	(00)					(5.9) Interrupt. Trace. Ionian 656 Sea.	
7	eP IM	04	07 28	44.0 27.8	1.5 14	23.2			35.1 Iran. BCIS: 33.77N, 59.22E, 3901 H=04:00:52.7, M _B =5.6(CGS). 17 Killed and 32 injured in Koasan province.	
7	eP	11	13	41.8	0.95				27.3 Dilat. Iran. BCIS: 33.25N, 3034 47.97E, H=11:08:00.6, h= 66±5km, M _B =5.5(CGS).	
7	e eSKS	17	25 33	18.8 31.5					95.3 Mindanao, Philippine Islands. 10591 USCGS: 08.48N, 126.38E, H= 17:09:06.1, M _B =6.0(CGS) h=60km.	

Date	Phase	H h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
8	eP eS M	08 09	31 42 12	51.7 07.7	16	12.4		83.2 Compr. Near East coast of 9246 Honshu, Japan. USCGS: 38.1N, 142.2E, H=08:19:27.1, M _B = 6.5(CGS).	
8	eSb	18	12	(00)				6.5 Interrupt. Trace. 727	
9	ePKP e	10	40	(00) 10.4				152 Interrupt. Trace. Tonga 16892 Islands. USCGS: 19.61S, 173.33W, H=10:20:09.7, M _B = 5.3(CGS).	
10	e	21	58	57.5				Trace.	
12	e	09	57	18.2				Aeglan Sea. BCIS: 38.54N, 26.81E, H=09:51:11.2, M _B = 4.4(CGS).	
12	e	10	01	48.4	10.5	12.2		Aegean Sea. BCIS: 38.49N, 26.80E, H=09:55:35.3, M _B = 4.7(CGS).	
12	e	14	55		1.5			Trace. Baffin Bay.	
12	ePn eSn	19	38 39	14.8 33.2				6.5 Adriatic Sea. BCIS: 39.62N, 725 18.96E, H=19:36:35.4, M _B = 4.5(CGS).	
12	ePKP	23	20	33.8				155 Trace. Fiji Islands region. 17225 USCGS: 18.83S, 178.11W, H= 23:01:52.7, M _B =5.3(CGS), h= 600km.	
13	ePg eSb	01	14	13.4 37.8				2.1 Italy. BCIS: 46.30N, 13.07E, 230 H=01:13:34.2, h=7±1km, M=3.5(TRI).	
13	e(Pn)	05	22	23.8				(6.4) Ionian Sea. BCIS: 39.78N, (716) 18.99E, H=05:20:39.4.	
13	eP eSn	06	12 15	37.8 (00)				12.5 Dilat. Crete. BCIS: 34.93N, 1385 23.28E, H=06:09:46.3, M _B = 5.1(CGS).	
14	eSg	03	47	51.4				2.0 Trace. Italy. BCIS: 46.30N, 227 13.14E, H=03:46:45.5, M= 3.4(TRI).	
15	eP	08	09	(00)				27.4 Interrupt. Trace. Western 3050 Iran. BCIS: 33.30N, 48.07E, H=08:03:20.2, M _B =5.4(CGS).	

Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
15	eP eS eL M ₁ M ₂	14	04 13 30 32 36	12.7 (00)	2.7			70.2 Dilat. NE China. USCGS: 7801 39.4N, 111.7E, H=13:53:00.6, M _B =6.8(CGS).	
17	eP	17	30	49.7	12	22.3	79	18.2	41.6 Dilat. Trace. Afganistan- 4623 USSR border region. USCGS: 36.47N, 71.16E, H=17:23: 23.6, h=233km, M _B =5.4(CGS).
17	e(P) e	17	59	20.2 46.3					Trace. Yugoslavia, Bosnia and Herzegovina (VIR).
18	ePKP ePP	03	43 45	09.0 30.2	2.1				128.7 Solomon Islands region. 14302 USCGS: 08.82S, 156.94E, H= 03:24:00.2, M _B =6.1(CGS).
18	eP̄ l	15	56	22.2 31.1					Trace. Local.
22	eP̄ e(S̄)	18	08	06.3 12.5	0.4				0.5 Slovenia, SW border of 53 Gorjanci.
22	eSb eSg	21	29	33.8 46.5					4.6 Trace. Montenegro, Yugosla- 507 via. BCIS: 42.01N, 19.22E, H=21:27:18.6.
23	eP	05	10	47.0					41.3 Dilat. Trace. Semipalatinsk 4590 area, USSR. Underground nu- clear explosion. USCGS: 58.00N, 79.01E, H=05:02: 57.4, M _B =5.9(CGS), h=0km.
23	ePb lSg	07	31	03.5 32.8					2.0 Interrupt. Italy. BCIS: 225 46.33N, 13.14E, H=07:30: 27.0, M=3.9(TRI), Felt (V ^o MCS) at Kobarid.
23	eP	10	58	33.9					78.2 Trace. Off East coast of 3690 Kamchatka.
24	eP e	12	27 31	07.5 15.4					21.6 Dilat. NW Iran-USSR border 2400 region. USCGS: 39.12N, 44.03E, H=12:22:18.8, h= 36km, M _B =6.1, M _S =7.3(CGS). Estimated 5000 deaths many injured. Extensive damage in Eastern Turkey. M _S =7.3 (PAS).

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e sec. NE	NW	Z	D ^o D km	Remarks
24	eP	15	15	57.0					22.0 Dilat. Eastern Turkey. USCGS: 2445 39.02N, 44.18E, H=15:11:05.4 h=40km, M _B =5.0 (CGS).	
24	eP e	16	21	15.0 33.6					78.1 Trace. Off East coast of 8679 Kamchatka. USCGS: 52.01N, 161.37E, H=16:09:18.0, h= 33km, M _B =5.6 (CGS).	
24	eP e(S)	20	50 55	57.4 (00)					22.1 NW Iran-USSR border region. 2456 USCGS: 39.08N, 44.05E, H= 20:46:06.0, h=46km, M _B = 4.8 (CGS).	
24	e(Sn) eM	21	01 02	(00) 31.8	2.5				9.1 Interrupt. Ionian Sea. BCIS: 1015 37.23N, 20.28E, H=20:57: 05.3, h=10km, M _B =4.3 (CGS).	
25	eSg	01	47	28.0					1.9 Trace. Italy. BCIS: 46.29N, 215 13.15E, H=01:46:26.0, h= 1±4km, M=3.2 (TRI).	
25	ePn eP eR1P IS H	04	12	16.5 24.3 26.3 07.0					3.1 Yugoslavia, Adriatic coast. 345 BCIS: 42.83N, 17.30E, H=04: 11:27.1, h=10km. M=4.3 (ZAG).	
						0.7	15.1	14.3	10.5	
25	ePKP ei	14	25	33.0 39.8					152.2 Dilat. Fiji Islands region. 16915 USCGS: 19.50S, 177.71W, H= 14:06:35.4, h=442km, M _B = 6.0 (CGS).	
26	eP eS eL eL H	11	32 42 57	10.9 43.1 (00)	2.7 2.5				86.3 Dilat. Off coast of Northern 9591 California. USCGS: 41.30N, 125.71W, H=11:19:25.2, h= 15km, M _B =6.0 (CGS), M _S =6.8 (CGS).	
								45.5		
27	eP F	04	44 45	11.4					58.2 Compr. Trace. Central Mid- 6468 Atlantic ridge. USCGS: 1.04N, 26.38W, H=04:34:18.4 h=33kmN, M _B =5.4 (CGS), M _S = 5.1 (CGS).	
27	e	13	10	(00)					Trace. Earthquake?	
27	eP	21	49	43.8	1.5				41.8 Compr. Afganistan-USSR border 4645 region. USCGS: 36.5N, 71.04E, H=21:42:12.2, h=190km, M _B = 6.1 (CGS).	

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e sec. NE	NW	Z	D ^o D km	Remarks
28	eP I eS I	03	53	54.4 57.7 (00) 04.2	2.5				0.4 (Compr.) Local. Croatia. 47 Felt (V-VI ^o MCS) at Draganići. M=2.4 (ZAG).	
28	e(P)	09	23	30.4				12	Trace. Local. Croatia.	
28	iP e	19	27 29	29.4 37.4	0.8				8.9 Compr. Ionian Sea. BCIS: 985 37.32N, 20.36E, H=19:25:17.8 h=10km.	
29	ePb ISg	20	59	26.1 52.6					1.9 Trace. Italy. BCIS: 46.45N, 215 13.33E, H=20:58:49.4, h= 10km.	
30	eP eSKS	00 01	54 05	41.5 12.7					102.2 Chile-Bolivia border region. 11358 USCGS: 20.52S, 68.92W, H= 00:40:57.8, h=82km, M _B =6.5 (CGS). One Killed, 13 ^B inju- red, and considerable damage.	
D E C E M B E R 1976.										
4	ePn eSn	15	44 45	27.2 (00)					2.7 Trace. Croatia, Adriatic 297 Sea.	
7	eP	05	04	46.6					41.3 Trace. Semipalatinsk area. 4590 USCGS: 49.88N, 78.91E, H= 04:56:57.4, h=0km, M _B =5.9 (CGS), M _B =5.7 (BRK).	
11	eP	18	20	(00)					76.8 Interrupt. Trace. Nicobar 8535 Islands region. USCGS: 07.49 N, 93.81E, H=18:08:04.4, h= 33km, M _B =5.6 (CGS), M _S =5.9 (CGS).	
12	iP IS	05	08	49.6 51.8	0.5	61.4	115.8		0.2 Local. Yugoslavia, Croatia. 19 BCIS: 45.81N, 15.84E, H= 05:08:47.7, h=10km. USCGS: 45.80N, 15.76E, H=05:08:46.3, h=8km, Felt (IV ^o MCS) in Za- greb. M=2.8 (ZAG).	


Date	Phase	M h	G m	T s	Per. Amplitude			D ^o D km	Remarks
					sec. NE	NW	Z		
13	IPg e(Sg) l	05	25 26	08.7 (00) 07.7				3.3 Dilat. Northern Italy. BCIS: 370 45.87N, 10.74E, H=05:24:03.9, h=17±5 km	
14	eP eS M	16 17	19 03	20.7 35.0	13.5	12.0	39.6	85.2 Ryukyu Islands. USCGS: 28.53N, 9468 130.72E, H=16:06:48.3, h=60km, M _B =5.9(CGS).	
15	ePKP	07	30	11.8				Compr. Trace. Tonga Islands (VKA).	
20	eP eSKS M	20 21	45 25	20.1 39.1	14		14.3	80.0 Vancouver Islands region. 8890 USCGS: 48.8N, 129.29W, H=20: 33:07.8, h=10km, M _B =5.9(CGS), M _S =6.7(CGS).	
21	e	10	25	16.1				Trace. (Local.)	
26	eSg	04	33	06.0				Trace. Central Italy.	
27	ePg eSg	07	56 58	36.5 14.3				7.5 Interrupt. Albania coast. 830 BCIS: 39.10N, 20.60E, H=07:54: 13.5, h=10km, M _B =4.9(CGS).	
27	IPg ISg l	12	03 04	51.2 24.2 26.6	3		4	2.5 Yugoslavia, Bosnia and Herze- govina. BCIS: 43.48N, 17.53E, H=12:03:03.5, h=10km, M=3.6 (ZAG).	
28	ePg ISg l	02	46 47	25.5 06.6	18.1	0.9	2.5	3.2 Central Italy. BCIS: 43.14N, 357 13.53E, H=02:45:23.5, h=10km, M=3.6(ZAG).	
28	e ePP	14	09	31.8 49.4				98 Trace. Chile-Bolivia border 10890 region. USCGS: 21.14S, 68.59 W, H=13:51:56.9, h=89km, M _B = 5.8(CGS).	
28	e(Sg)	21	44	26.3				(2.7) Trace. Yugoslavia. (301)	
29	ePb eSn	20	25 26	28.4 20.0				5.5 Trace. Adriatic Sea. BCIS: 615 41.32N, 19.18E, H=20:23:50.8, h=10km.	
30	e eSg	15	15 17	22.9 40.9				9.4 Trace. Southern Greece. USCGS: 1045 37.91N, 22.82E, H=15:12:37.9, h=34km, M _B =4.7(CGS).	

 MAKROSEIZMIČKI IZVJEŠTAJ
IZ S.R. HRVATSKE

 MACROSEISMICAL REPORT
FROM S.R. CROATIA

Br. No	Dan Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
SIJEČANJ - JANUARY 1976.						
1	30	11 52 05.6	Zagreb	Zagreb Puntijarka	II II	Not felt at: Bistra, Gornja Stubica, Gračani, Jakovlje, Kašina, Klara, Nedjelja, Remete, Šestine, Velika Gorica, Zaprešić.
VELJAČA - FEBRUARY 1976.						
2	4	15	Split	Vodice		Thunder.
3	7		Split	Radučić		Thunder.
4	20	14	Split	Šibenik	III	
5	20	23 15	Split	Kistanje	IV	
6	22	14 30	Split	Knin Vrbnik	III II-III	
7	22	16 30	Split	Drniš Ervenik Supetar Vučipolje Mokro Polje Siverić Trbounje	III III III III II-III II-III II-III	
8	22	17 15 17.0	Split	Bogatnik Golubići Krupa Medvidje Žegar Modrino Selo Mokro Polje Obrovac Bilišane Blovličino Selo Čolakovići Ervenik Knin Kninsko Polje Kosovo Okraj	VI VI VI VI VI V-VI V-VI V-VI V V V V V V V V V	Not felt at: Baška Voda, Galovac, Gospić, Karlobag, Nadin, Perušić, Postire, Slunj, Široke, Udbina, Vela Luka, Žman.

Br. Dan No. Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
			Padjene	V	
			Velušić	V	
			Vučipolje	V	
			Žagrović	V	
			Badanj	IV-V	
			Drniš	IV-V	
			Klstanje	IV-V	
			Krčiči	IV-V	
			Kruševo	IV-V	
			Plavno	IV-V	
			Polača	IV-V	
			Razvodje	IV-V	
			Roški Slap	IV-V	
			Siverić	IV-V	
			Uzdolje	IV-V	
			Visoko	IV-V	
			Vrbnik	IV-V	
			Vrlika	IV-V	
			Zrmanja	IV-V	
			Djevske	IV	
			Kovačić	IV	
			Lukar	IV	
			Mala Gospa	IV	
			Oton	IV	
			Ostrovica	IV	
			Sinj	IV	
			Tepljuh	IV	
			Turjaci	IV	
			Varivode	IV	
			Visovac	IV	
			Vodice	IV	
			Benkovac	III-IV	
			Dubravice	III-IV	
			Ivoševci	III-IV	
			Koprno	III-IV	
			Biočić	III	
			Divulje	III	
			Lečevica	III	
			Omiš	III	
			Otrčić	III	
			Pirovac	III	
			Podi	III	
			Posedarje	III	
			Solin	III	
			Stankovac	III	
			Šibenik	III	
			Trogir	III	
			Utor Donji	III	



International
Seismological
Centre

Br. Dan No. Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
			Blograd	II-III	
			Kaštel Stari	II-III	
			Kaštel Novi	II-III	
			Nin	II-III	
			Split	II-III	
			Supetar	II-III	
			Zadar	II-III	
			Dubrava	II	
			Hvar	II	
		Karlovac	Cerovci	V-VI	
			Gračac	V	
			Priljevo	III-IV	
9	22 19	Split	Krupa Ervenik	II-III	Thunder.
10	22 20	Split	Krupa	III	
11	22 21	Split	Krupa-manastir Krupa Biovičino Selo Mokro Polje	III III III III-IV	
12	22 21 30	Split	Okraj	III-IV	
13	23 04 30	Split	Drniš Lukar	IV III-IV	
14	23 21 15	Split	Ervenik	IV	
15	25/26 night	Split	Drniš	III-IV	
16	26 05 30	Split	Drniš	II	
17	29 06 58	Split	Obrovac	IV	
18	29 21	Split	Obrovac	IV	
19	29/1 night	Split	Drniš	III-IV	
OŽUJAK - MARCH 1976.					
20	2 21	Split	Obrovac	III	
21	3 22 29	Split	Siverić Tepljuh	III-IV III-IV	

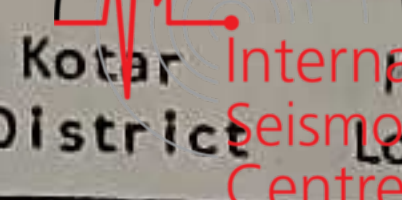
Br. No.	Dan Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješka Remarks
22	4	02 45	Split	Obrovac Drniš	III-IV II	
23	23	20 40	Split	Dugi Dol		Thunder.

TRAVANJ - APRIL 1976.

24	21	21 00 17	Split	Imotski Vrgorac Makarska Kaštel Star Omiš Ston Solin Split	V V IV-V IV III-IV III-IV II-III II-III	Not felt at: Janjina, Supetar, Trogir, Vela Luka.
25	22	01 59 03	Split	Imotski Vrgorac Ston Omiš	III-IV III-IV III-IV III	Not felt at: Supetar, Vela Luka.

SVIBANJ - MAY 1976.

26	6	21 00 14.7	Pula	Pazin Labin Rovinj Višnjan Poreč	VI V V V III	A few earthquakes were felt at Pazin after the earthquake at 21 ^h .
			Rijeka	Rijeka Kraljevica Delnice Krk Crikvenica Mali Lošinj	V-VI V IV-V IV-V III-IV III-IV	Not felt at: Osijek, Slavon- ska Požega.
			Zagreb	Zagreb	IV	
			Sisak	Sisak	III-IV	
			Varaždin	Varaždin	III-IV	
			Bjelovar	Koprivnica	III	
			Split	Zadar Knin Split	III II-III II-III	



Br No	Dan Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
27	11	23 44 02.4	Pula Zagreb	Višnjan Zagreb		Many small earthquakes were felt at Višnjan during the last five days.
28	25	16 26 59.2	Zagreb	Martin pod Oklčem Bregana Zagreb Samobor	III-IV III III II-III	Not felt at: Kalje, Zaprešić.

KOLOVOZ - AUGUST 1976.

29	10	03 19 26.4	Karlovac	Gorica Svetojans. Kostanjevac Krašić Sošice Kalje Prhoč Bosiljevo Draganići Netretić Vivodina Kamanje Kašt Radatovići Ribnik	V V V IV-V IV IV III-IV III-IV III V IV-V IV-V IV IV	Not felt at: Adlešići, Duga Resa, Lukovdol; Ogulin, Tu- šilović, Vrginmost, Zapre- šić, Zvečaj.
			Zagreb			
30	10	10 06 (00)	Zagreb	Klinča Selo	III	

RUJAN - SEPTEMBER 1976.

31	1	13 21 05.6	Zagreb	Zagreb	II	
32	11	17 31 13.6	Karlovac Zagreb Pula Rijeka	Karlovac Krapina Pula Delnice	III III III II-III	Not felt at: Cres, Čazma, Gerovo, Ivanićgrad, Križevci, Krk, Kutina, Otočac, Pokupsko, Rovinj, Sisak, Varaždin, Vrbovsko.
33	11	17 35 04.8	Pula	Labin Buzet	IV II	

Br. Dan No. Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
34 15	04 15 55.2	Pula	Oprtalj	V-VI	Not felt at: Banova Jaruga, Baška, Čazma, Gospić, Kutina, Rujevac, Varaždin.
			Umag	V-VI	
			Bale	V	
		Poreč	V		
		Rovinj	V		
		Buje	IV-V		
		Novigrad	IV-V		
		Rabac	IV-V		
		Trget	IV-V		
		Baderna	IV		
		Kanfanar	IV		
		Plomin	IV		
		Lanšete	III-IV		
		Marčana	III-IV		
		Pula	III-IV		
		Rijeka	Delnice	V	
			Cres	IV-V	
			Gerovo	IV-V	
			Rijeka	IV-V	
			Brseč	IV	
			Opatija	IV	
		Karlovac	Crikvenica	III	
			Kalje	V	
			Gorica Svetojan.	IV	
			Topusko	IV	
		Zagreb	Veljun	III	
			Kumrovec	IV-V	
Krapina	IV				
Zagreb	IV				
Split	Nin	III-IV			
	Sisak	II			
35 15	10 21 53.0	Pula	Oprtalj	V	Not felt at: Banova Jaruga, Baška, Čazma, Duga Resa, Gospić, Kutina, Nin, Rujevac, Slunj, Varaždin.
			Bale	IV-V	
			Buje	IV-V	
			Baderna	IV	
			Crikvenica	IV	
			Poreč	IV	
			Pula	IV	
			Rovinj	IV	
			Umag	IV	
			Marčana	III-IV	
			Brseč	III	
			Kanfanar	III	
			Novigrad	III	
			Plomin	III	
			Rabac	III	

Br. Dan No. Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks				
		Zagreb	Kumrovec	IV					
			Zagreb	III-IV					
			Krapina	II-III					
		Karlovac	Topusko	III-IV					
			Rijeka	Cres		III			
			Gerovo	III					
			Opatija	III					
		Sisak	Dragozići	II-III					
			Lopar	II					
			Sisak	II					
			36 15	12 11 47.0		Rijeka	Opatija	IV-V	Not felt at: Bale, Banova Jaruga, Baška, Čazma, Kan- fanar, Varaždin.
							Brseč	III-IV	
							Gerovo	III-IV	
		Zagreb				Crikvenica	III		
						Dragozići	II-III		
Kumrovec	IV								
Pula	Krapina	III-IV							
	Zagreb	III							
	Rabac	IV							
	Umag	IV							
Karlovac	Rovinj	III							
	Medulin	II							
	Novigrad	II							
	Karlovac	III-IV							
	Topusko	II-III							
Sisak	Sisak	II							
37 19	15 52 18.0	Rijeka	Čavle	V	Not felt at: Baška, Brseč, Cres, Gospić, Netretić, Ogulin, Partizanska Drež- nica, Premuda, Pula, Sta- rigrad, Viškovo.				
			Jurdani	V					
			Klana	V					
			Fužine	IV-V					
			Kastav	IV					
			Omišalj	IV					
			Rijeka	IV					
			Grižane	III-IV					
			Opatija	III-IV					
			Crni Lug	III					
			Kuželj	III					
			Lokve	II-III					
			Mošćenička Dr.	II-III					
			Gerovo	II					
			Novi Vinodolski	II					
Plomin	II								
Punat	II								
Vrbnik	II								

Br. No.	Dan Date	Sr. evr. vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
			Karlovac Pula	Adlešići Umag	II-III II	
38	19	16 02 53.1	Rijeka	Mune	III	
39	19	16 20	Rijeka	Opatija Ravna Gora Skrad	III II-III II-III	

LISTOPAD - OCTOBER 1976.

40	7	00 05	Zagreb	Kalje Sošice	III III	
41	7	01	Zagreb	Kostanjevac Krašić Sošice Gorica Svetojan.	IV-V IV-V IV II-III	Not felt at: Adlešići, Bosiljevo, Duga Resa, Karlovac, Netretić, Severina Kupi.
			Karlovac	Kamanje Ribnik Mali Erjavec	III-IV II II	

STUDENI - NOVEMBER 1976.

42	17	19 20	Split	Oklaj	III	
43	18	20 22	Split	Kistanje Drniš Muć	III II II	Not felt at: Peruča, Sinj, Trilj, Unešić.
44	24	13 30	Split	Široke	III	
45	24	15 10	Split	Trogir Starigrad Hvar Zadvarje Dincmo Gradac	III-IV III-IV III III II-III	Not felt at: Drvenik, Sinj, Sutivan, Šibenik, Trilj. Thunder twice.

Br. No.	Dan Date	Sr. evr. vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
46	25	05 12	Split	Gradac Komin Nova Sela Sućuraž Veliki Prolog Trpanj Orebić Brela Dragljane Igrane Janjina Kamenmost Ploče Slivno Bol Gdinj Kozica Makarska Nerežišće Podgora Vranjic Blato Runović Smokvica Starigrad Vrgorac Povelja	V V V V IV-V IV-V IV IV IV IV IV III-IV III-IV III-IV III-IV III-IV III III III III III III III	Not felt at: Hvar, Blato na Cetini.
47	25		Split	Orebić Runović Dragljane Komin Kozica Makarska Ploče Prolog		Thunder after the earthquake at 05 ^h 12 ^m three times. Thunder after the earthquake at 05 ^h 12 ^m . Thunder. Thunder. Thunder. Thunder. Thunder.
48	25	05 30		Gradac	III-IV	
49	28		Karlovac	Barkovići Budrovci Dragančić Jazvaci Lazina Čeglje Guci Konjkovsko Levkušje	V-VI V-VI V-VI V-VI V-VI V V V V	Not felt at: Desinac, Duga Resa, Kamanje, Karlovac, Kašt, Klinča Selo, Kotari, Lasinja, Martin pod Oklajem, Netretić, Plješivica, Prilipje, Prilišće, Radatović, Rečica, Rude, Samobor, Skakavac, Šišljavić, Topusko, Vivodina, Volarje, Zdenčina.

Br. Dan No. Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
		Zagreb	Pesak	V	
			Petaki	V	
			Šipak	V	
			Trščerovac	V	
			Zorkovac	V	
			Goljak	IV-V	
			Lug	IV-V	
			Mrzljaki	IV-V	
			Polje	IV-V	
			Trg	IV-V	
			Mahično	IV	
			Mali Erjavec	IV	
			Ozalj	III	
			Podbrežje	III	
			Ribnik	II-III	
			Domagović	IV-V	
			Kostanjevec	IV	
			Krašić	IV	
			Petrovina	IV	
			Reka	III-IV	
			Brezari	III	
			D.Pribić	III	
			Izimje	III	
		Gorica Svetojan.	III-IV		
		Jaska	II-III		
50	28 10 15	Karlovac	Budrovci	III	In Budrovci three small earthquakes were felt at 04 ^h 55 ^m , 08 ^h and 09 ^h .
			Draganići	III	
			Pesak	II	
			Šipak	II	
51	28 11	Karlovac	Draganići	III	
			Mrzljaki	III	
			Budrovci	II-III	
			Lazina	II-III	
52	28 11 15	Zagreb	Kalje	III	

PROSINAC - DECEMBER 1976

53	12 06	Zagreb	Jastrebarsko	V	
			Šenkovec	V	
			Zagreb	V	
				V	Črnomerec
				V	Gluhakova 26

Br. Dan No. Date	Sr.evr.vr. MET	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke Remarks
				IV-V	Gregorijančeva 6
				IV-V	Maksimir
				IV-V	Remiza
				IV	Bijenik 14
				IV	Masarykova 25
				IV	Prečko
				IV	Remetinovečka 119
				III-IV	Bijenik 42
				III-IV	Proleterskih brigada 240
			Gorica Svetoj.	IV-V	
			Zaprešić	IV-V	
			Savski Marof	IV	
			Velika Gorica	IV	
			Zdenčina	IV	
			Vel.Trgovišće	III	
			Zabok	III	
			Kalje	II	
			Sesvete	II	