

SVEUČILIŠTE U ZAGREBU — PRIRODOSLOVNO-MATEMATIČKI FAKULTET
GEOFIZIČKI INSTITUT

UNIVERSITY OF ZAGREB — FACULTY OF SCIENCES
GEOPHYSICAL INSTITUTE

IZVJEŠĆE O POTRESIMA

SEISMOLOGICAL BULLETIN

Godina: 1965
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ZAGREB 1966



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REGISTRACIJE SEIZMOGRAFA
Records of Seismographs

(lat. = 45°49'N, long. = 15°59'E, h = 155 m)
 Horizontal seismograph, Wiechert M = 1000 kg
 Vertical " " M = 1300 kg
 Horizontal " " M = 80 kg

Date	Phase	M G T h m s	Per. sec.	A m p l i t u d e			D° D km	Remarks
				NE	NW	Z		
J A N U A R Y 1965								
1	eP _n eS _n eL _n M ₁	21 41 52,2 44 22,8 45 (OO) 48	13,4		25			Comp. BCIS: H=21:38: 32, 37,7 N, 4,4 E Algeria, L'Sila 4 dead and many injured; property damage; L=5,5 (Strea- bourg), L=4,9 (Col- lomborg).
7	e	10 19 09,7						BCIS: H=10:22:17, 36,7 N; 27,1 E; Aegean Sea.
10	iP _n	02 54 12,7						Dilat. BCIS: H=02: 52:25, 45,9 N; 26,6° E, h=125 km; Rumania, region Francea; USCGS: H=02:52:23,9, 45,8 N; 26,6 E; h= 128 km; Mag.=5,3 (CGS).
10	ePKF	08 05 48,9						East New Guinea region.
10	ePKF	13 56 (OO)						Interrupt. New Hebr- ides Islands.
10	iP _n iS _n M ₁	20 10 48,8 11 22,7	5,4		13		2,7 300	Comp. BCIS: H=20:10: 20, 44,1 N; 16,2 E; Yugoslavia, Split felt. USCGS: 43,2 N, 16,8 E, H=20:10:04.

Date	Phase	M G T			Per. sec.	A m p l i t u d e			D° D km	Remarks
		h	m	s		NE	NW	Z		
12	eP _n	13	42	23,3						Nepal.
15	eL	23	54	(00)						Interrupt.BCIS:H=23:47:29,35,7°N; 4,4°E,Algeria M' Sila; M=5 1/4 (Strasbourg).
20	e	14	04	(00)						Interrupt.Zagreb III, (Maksimir)Yugoslavia.
23	iP _n iP _s iP ₁₀ iP ₁₅ iP ₂₀ iS _s M ₁ M ₂	02	40	09,6 18,6 25,2 31,8 40,6	4,9 2,9	19		2,2 240 11		BCIS:44,5°N;17,9°E, H=02:39:34;Yugoslavia,50 km N from Sarajevo.USCGS:44,2 N,18,0 E,H=02:39:30,6. M = 4,2 (Zgb).
24	e i iS _M	00	25 30 36	39,3 05,0 20,9						USCGS: H=00:11:12,1, 2,4°S,126,0°E; h=6 km,Ceram Sea,Philippine Islands.
26	eP̄ i iS	11	57	16,7 31,4 41,5				1,8 200		BCIS: H=11:56:46, 45,1°N; 18,0°E, Yugoslavia,Dilj-Mountain.
28	e	23	14	(00)						Interrupt.BCIS: H=23:10:45, 42,7°N; 23,3°E.

F E B R U A R Y 1965

3	eP _n i iS _n	01	19 20	38,2 10,8 27,1						BCIS: H=01:18:46 43,3°N; 17,8°E;Yugoslavia,region Mostar.
4	eP _n eP̄ _n iS _o i M ₁	05	13 14 24 25	40,0 11,7 14,4 32,5	17,8			82 9100 1750		Rat Islands;51,3 N, 178,6 E, H=05:01:21,8.

Date	Phase	M G T			Per. sec.	A m p l i t u d e			D° D km	Remarks
		h	m	s		NE	NW	Z		
4	eP _n	07	35	31,7						Rat Islands.
4	eP̄ _n eS _n M ₁ M ₂	08 09	53 03	(00) 21,3	166 21,3	95			82 9100	Interrupt.Rat Islands, H = 08:40:40,9. M = 7,2 (Zgb).
4	eP̄ _n eS _n	12	18 28	12,7 29,0						Comp.Rat Islands.
4	eP̄ _n eS _n	14	30 40	32,3 38,1						Comp. Rep.
4	eP	16	03	28,2						Comp. Rep.
4	eP _n	19	54	16,1						North Atlantic Ridge.
5	e	06	52	11,3						Rat Islands.
5	eP̄ _n eS _n	09	44 54	19,2 42,0					80 8900	Comp.Rat Islands.
5	eP̄ _n	20	59	17,6						Comp? Rep.
5	eP̄ _n	22	28	20,3						Rep.
6	eP̄ _n eS _n	01 02	52 03	48,7 (00)					81 9000	Dilat.South of Alaska. Interrupt.
6	eP̄ _n eS _n	04	15	(00) 25 18,2					80 8900	Interrupt.Rat Islands.
6	eP̄ _n eS _n	17	02 12	45,5 57,2					81 9000	Comp? South of Alaska.
7	e	01	04	51,5						Trace.
7	eP̄ iS	01	07	17,4 23,3						
7	eP̄ _n	02	29	24,9						Rat Islands.
9	e(P _n) i iS _n i(S _b) i(S _g)	20	41 42 43	(00) 12,1 10,1 30,4					8,8 980	Interrupt.BCIS: H=20:38:48, 38,0°N; 20 1/2 E; Ionian Sea.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D° D km	Remarks
						NE	NW	Z		
16	e	10	47	34,0						Trace.
22	e	09	27	(00)						Interrupt.BCIS:H=09: 15:22, 45,5°N; 5,4°E France, Isere.
23	eP _n i _n i(S _n)	02	31 32	51,0 20,6 25,7 31,2				3,1 340		Dilat.?BCIS:H=02:31: 05; 43,0°N; 17 1/4°E; Yugoslavia, Split III.
23	eP _n e(S _n)	22	29 36	(00) 30,7						Interrupt.USCGS:25,7 S,70,5 W; H=22:10: 50,2; h=80 km.
25	eL	05	56	(00)						Interrupt. Aleutian Islands.
27	eL	08	34	(00)						Interrupt.Gulf of California.
27	eP _n	11	35	11,4						Southern Algeria.
27	eP _n iS	15	34 35	53,0 04,9				0,81 90		Slovenia, Yugoslavia.
28	eP _n iS	00	28	40,7 54,0						Dilat.Rep.

M A R C H 1965

2	e M ₁	22	06	26,2	10,3	19				BCIS; H=22:00:05; 38,4°N; 28,4°E Turkey, Anatolia, M=5,8 (Pru- honice). M=5,3 (Zgb).
3	eL	16	21	(00)						Interrupt.New Britain Region.
5	e	06	43	55,7						Trace.Yugoslavia,Dilj Mount.Levanjska Varoš V.
6	eP _n iS	04	39	57,2 58,6						Local; Zagreb I.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D° D km	Remarks
						NE	NW	Z		
8	eS	23	07	13,0						Trace.Greece.
9	iP _n i _n i i i(S _n) M ₁	18	00	01,8 11,5 17,7 01 26,3 02 11,3 50,1					12 1300	Comp.BCIS: H=17:57:53 39,1°N; 24,0°E,Aegean Sea,Islands Sporadi; 2 killed,165 injured, property damage, h= 33 km. M=6 1/2(Strasbourg), M=6 1/4(Uppsala).
9	eP _n i _n i	18	40	(00) 41 35,9 43 07,2	9,0				330	Interrupt.Repet.
9	e i	19	49	13,0 51 55,6						Repet.
9	e	20	49	40,6						Repet.
9	e e	21	23	21,2 24 39,3						Repet.
9	e	22	22	47,1						Repet.
9	e i	22	37	24,8 40 15,4						Repet.
10	e	00	09	22,8						Repet.
10	eP _n e(S _n)	01	38	24,6 40 58,0						Repet.
10	eP _n eS _n	21	52	27,3 55 17,2						Repet.
12	eP _n e _n	20	21	12,9 22 59,1						Repet.
13	eP _n e _n M ₁	04	10	58,6 45,5 13	8,1				36	Repet. M = 5,6 (Zgb).
13	eS	15	46	50,3						Aegean Sea.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D° D km	Remarks
						NE	NW	Z		
14	iP _n i i iS _n e e	16	00	34,0 50,3 01 21,6 05 20,6 08 (00) 10 (00)						Comp. BCIS: H=15:53:05 36,5°N; 70,5°E, h=220 km; Asia, Hindu-Kush; M=7 3/4 (Strasbourg). Interrupt.
15	eS	23	13	28,7						Trace. Aegean Sea.
16	eP _n eS _n	16	58	34,0 17 09 13,9						Honshu, Japan.
17	e i	02	33	17,3 52,3						BCIS: H=02:32:11 42,7°N; 13,6°E; Italia, Teramo felt; Opatija III.
19	e	04	39	23,9						BCIS: H=04:35:48 41,4°N; 22,6°E. Bondary of Yugoslavia, Greece, Bulgaria. Valandovo V.
21	e	11	26	33,3						Molucca Sea.
22	ePKP	03	04	30,5						Tonga Islands.
22	eP	03	25	10,7						Aegean Sea.
24	ePKP	00	13	55,0						Tonga Islands.
27	e i	22	37	12,4 34,4						BCIS: H=22:36:24, 46,6°N; 13,0°E, Alps.
28	eP _n	13	34	42,1						Trace. Kamchatka.
28	eP e e	16	51	16,7 52 22,1 54 36,4						Central Chile. USCGS: 32,4°S, 71,2°W, H=16: 33:14,6.
29	eP _n eS _n	10	59	54,1 11 11 (00)						Honshu, Japan. Interrupt.
30	iP _n iS _n M ₁	02	39	30,9 49 51,1	13,8			99		Comp.? Rat Islands; 52,2°N, 175,4°E, H=14: 32:41,2.
31	eP iS	08	28	05,2 21,4						Yugoslavia, Sarajevo III

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D° D km	Remarks
						NE	NW	Z		
31	eP _n e i i iS _n	09	49	32,2 42,6 44,1 51 12,0 35,1					10,8 1200	Dilat? BCIS: H=09:47: 29; 38,4°N; 22,2°E, h= 100 km; Greece, Korint Bey. M=7,4 (Uppsala). 6,4 (Pruhonice). 4 killed, many injured, property damage.
31	e	12	04	17,6						Repet. BCIS: H=12:01: 10.
31	e	20	10	41,8						Repet.

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3	eP iS	00	41	07,7 09,8						Local.	
3	e	08	33	23,9						Trace, local.	
3	eP _n eS _n	14	32	54,7 35 52,0						BCIS: H=14:30:53, 38,4°N; 20,6°E; h=60 km. Ionian Sea.	
4	eP iS	06	54	21,3 24,7						Local.	
4	eP _n	13	43	(00)						Interrupt, Rat Islands.	
5	eP _n i i i i i i i M ₁	03	15	(00) 18,4 33,2 16 17,4 54,4 17 17,0 34,7 45,3 18 09,1					3,9	110	Interrupt. BCIS: H=03: 12:50, 37,4°N; 21,9°E. Greece, Peloponese; 11 dead, 50 injured, property damage. M = 6,1 (Zgb).
5	eP _n	14	04	25,2						Trace. Kurile Islands.	

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		
7	e	04	19	38,4						BCIS: H=04:16:45 37,4 N; 22,5 E; h=95 km. Greece, Peloponese.
7	eP iS	09	30	50,8 57,9						Local; Sisak felt.
8	eP eS _n	13	56	07,7 30,7				81 9000		Near Islands: 52,2 N, 173,5 E, H=13:43:52,8.
10	eP i _n i i iS _n M ₁	00	00	03,4 08,1 01 10,6 57,3 30,7	8,1	109				BCIS: H=23:57:08 35,4 N, 24,1 E, h=80 km. Crete; M=6,1 (Fruhonce).
10	e	22	51	38,9						Fiji Islands Region.
11	eFKP	00	31	15,3						Trace. South Islands, New Zealand.
12	e	13	10	(00)						Interrupt. Trace.
19	e	02	28	28,6						BCIS: H=02:27:06 46,3 N; 12,7 E, Alps, Italia. M = 6,1 (Zgb).
20	e	23	54	34,5						Local, trace.
20	e	12	10	05,0						
24	e	12	39	47,7						BCIS: H=12:38:52, 44,0 N; 11 3/4 E. Apennines.
25	eL	01	51	(00)						Interrupt. Trace. Rat Is.
25	eP _n	10	10	(00)						Interrupt. Trace. Lake Tanganyika region.
26	eP _n	20	41	12,8						Trace. Alaska Peninsula.
26	eP _n	22	28	16,1						Trace. Taiwan region.
27	eP iS _n M ₁	14	11	53,3 14 14,0	3,6	22				BCIS: H=14:09:06, 35,5 N; 23,6 E; h=50 km. Crete; M=5 3/4. M = 5,8 (Zgb).

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		
29	eP _n i i iS _n	15	40	51,5 41 42 50					79 8800	Compr. Washington. 47,4 N, 122,4 E, H=15:28:43,3.
30	e	14	02	14,3						Trace.

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1	e	02	02	46,6						BCIS: H=01:59:44; 37,0 N; 27,0 E, Dodecanese.
1	eP iS	15	39	20,7 27,1						Local.
2	eL	07	59	(00)						Interrupt. Ryukyu Islands.
3	eP iS	14	27	33,1 46,5						Dilat. Slovenia, Yugoslavia
4	eP	08	43	(00)						Interrupt. Kirgiz-Sinkiang border.
6	eP iS	13	15	53,4 55,4						Local.
10	e	04	30	48,5						Trace.
10	e	04	43	22,8						BCIS: H=04:41:14, 44,8 N; 09,7 E, Italy, E from Parma.
10	e	04	57	17,0						Trace. Rep.
10	eP i iS	05	04	21,5 30,2 05						Rep.
17	eP iS	05	51	09,7 12,6						Local.
17	eP iP _n e iS _n M ₁	17	31	58,8 32 35 42					84 9300	Dilat. Taiwan region. USCGS: 22,5 N, 121,3 E, H=17:19:25,9.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D ^o D km	Remarks
						NE	NW	Z		
20	e eL	01	02	43,1 (00)						New Hebrides Islands. Interrupt.
22	e	10	50	30,4						Trace.Fiji Islands Region.
23	eP _n eS _n	23	58	30,0 00 08 35,7				81 9000		H=23:46:12,0; 52,2 N, 175,0 E, Near Islands.
24	eP _n	23	34	18,6						Trace. 13,0 N, 124,5 E, H=23:21:10,6.
25	eS	13	30	10,2						Trace.Rat Islands.
25	ePKP	18	54	(00)						Interrupt.Fiji Islands Region.
29	e	04	20	05,4						BCIS: H=04:14:58 35,2 ^o N; 22,7 ^o E Mediter- ranean.
29	e	13	23	08,4						BCIS: H=13:21:27, 42,9 N; 13,0 E, Italy, Abrusser.
29	e	13	37	14,5						Trace. Rep.
29	e e	13	41	10,1 44,6						Rep.
29	e	18	35	(00)						Interrupt. Trace.
31	e e i	09	23	36,0 17,0 28,0						Italy. BCIS: 42,9 N, 13,0 E, H=09:22:19.
31	e e e	11	16	52,4 17 16,1 32,9						Rep. BCIS: H=11:15:36.

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2	eP	23	50	28,9						North Atlantic Ridge.
3	eP	18	33	45,7						BCIS: H=18:31:52,

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D ^o D km	Remarks
						NE	NW	Z		
	iS		36	22,4						39,7 N; 23,3 E, h=40 km; Aegean Sea, M=5 1/4 Strasbourg.
10	e	15	30	(00)						Interrupt.BCIS: H=15:24: 18, 36,5 N; 26,7 E, h= 150 km.
11	e	02	49	52,3						Aleutian Is.
11	eP _n e eS _n	03	45	56,4 46 15,8 56 (00)				80 8900		Dilat? USCGS: Kurile Is. H=03:33:44,9. Interrupt.
	M ₁ M ₂	04	27		19,4 16,1	67	79			M = 7,0 (Zgb).
13	eP _n eS _n i _n	20	04	51,9 08 30,4 09 04,1						BCIS: H=20:01:52 37,8 N; 29,4 E Anatolia, region Denizli, 2 killed, 3 injured, property damage.
	M ₁ M ₂				11,2 06,5					
15	ePKP	23	30	(00)						Interrupt.New Hebrides.
17	e	03	05	(00)						Interrupt.BCIS: H=03: 45:00, 50,2 N; 77,8 E, Semipalatinsk region.
21	eP _n eS _n	00	28	15,9 33 53,9						BCIS: H=00:21:13, 28,1 N, 55,9 E, Iran; M=5,4 (Pruhonice).
23	eP _n eS _n	11	21	14,0 31 08,8						USCGS: Isl.Kodiak; H= 11:09:15,3.
29	eP iS	02	23	23,9 24 11,0						BCIS: H=02:22:18, Apemines, Italy.
30	e	08	45	48,9						Trace.Aleutian Is.
30	eP _n iS i	11	21	16,6 18,1 19,8						Local.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D° D km	Remarks
						NE	NW	Z		
J U L Y 1965										
2	eP eP _n eS _n	21	10	53,0 (00) (00)					80 8900	Comp. Aleutian Is. Interrupt. Interrupt.
6	eP _n iS _n	03	20	50,3 23 46,0						BCIS: H=03:18:40; 38 N, 22,5 E; Greece; M=6 1/2.
7	e i	11	44	51,2 52,3						Local.
17	eP iS	08	41	51,8 42 02,2						Comp. Valley of Sava, east from Ljubljana. Epicentral intensity IV MCS, 45°06' N, 14°41' E.
28	e	22	52	(00)						Interrupt., trace. Sumatra.
29	eP iS _n	08	41	49,8 52 13,2					80 8900	Dilat. Aleutian Isl.

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2	e	13	40	(00)						Interrupt. Macquarie Isl.
4	eP iS	11	50	53,1 51 49,8						BCIS: H=11:49:53, 43,6 N; 12,3 E N from Perouse, Apennines.
4	e i	19	18	41,8 19 34,1						Repet.
11	eP _n e eL	04	00	33,7 03 55,8 (00)						New Hebrides. Interrupt.
11	eP i _n M ₁	22	51	24,1 55 12,3 00 32	19,1	29				Dilat. New Hebrides.
12	eP _n	08	21	18,3						Rep.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D° D km	Remarks
						NE	NW	Z		
12	eP	13	16	13,5						Rep.
13	eP _n e M ₁	13	00	52,6 03 (00) 55	20,8	49				Rep. Interrupt.
16	eP _n e ePS	12	46	(00) 49 18,0 53 50,4					55 6100	Interrupt. Middle Atlantic Ridge. USGS: 0,6 S, 19,9 W H = 12:36:23,3.
17	eP	10	47	17,0						Sumatra.
19	eP iS	19	15	11,9 42,0						BCIS: H=19:14:28 46,3 N; 13,1 E Alpe, Italy.
19	e	19	43	(00)						Interrupt. Repet.
20	ePP	06	13	25,4						Banda Sea.
21	e	09	27	15,1						Trace, local.
23	eP e(S) e M ₁ M ₂	14	11	18,3 13 37,0 14 (00)	4,3 5,1	57		31		BCIS: 14:08:57; 40,2 N; 26,2 E, NE Turkey, M=5,8 (Collomberg). Interrupt. M = 5,8 (Zgb).
23	eP _n eSKS M ₁ M ₂	19	59	15,0 20 09 47,6 37 41	21,7 19,1	261		455	93 10350	Dilat. Central America. M = 7,7 (Zgb).
24	eP eS	19	31	40,1 45,7						Trace, local.
25	e	00	02	41,2						Turkey.
25	e	05	05	29,5						Turkey.
31	e	01	49	45,8						Trace. BCIS: H=01:48:15, 44 1/4 N; 11 3/4 E, Italy, central.
31	eP eS _n	07	34	15,0 38 (00)						Comp. BCIS: H=07:29:47, 39,2 N; 41,1 E; h=40 km. Turkey, Bingol, M=5,6 (Moxa).

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D ^o D km	Remarks
						NE	NW	Z		

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4	eP _n eP _n eS _n e	14	44	33,4 50,1 15,3 40,5					73 8100	Alaska; H=19:45:59.
11	ePKP	07	12	(00)						Trace, Interrupt. New Britain.
12	ePKP	08	59	11,1						Trace. Rep.
12	eP _n eS _n	22	13	56,6 23 16,4					71 7900	USCGS: 6,5 S, 70,8 E, H=22:02:43.
16	e(PF)	14	07	42,4						Trace. Philippines.
17	eP _n e(SKS)	11	27	(00) 37 12,6					89 9900	Interrupt. USCGS: 1,4 S, 77,6 W, H=11:14:06.
17	eP _n eS _n M ₁ M ₁	16	33	50,0 44 13,3 17 16	14,0	43			83 9100	Comp. Japan. USCGS: 36,3 N, 14,1 E, H=16:21:21,9.
18	eP _n iS	12	04	47,1 51,7						Local.
21	eP _n e	01	50	37,9 02 00 10,4					80 8900	Comp. Riukiu Isl. USCGS: 29,1 N, 128,2 E, H=01:38:32.
22	eP _n eS _n	22	20	28,9 30 53,5					83 9200	Honshu, Japan. USCGS: 36;4 N, 141,3 E, H=22:08:01,1.
23	e	12	57	32,5						Trace, local.
23	eP _n i	17	11	45,8 54,5						Trace, local.
25	eP _n iS	00	04	19,7 26,0						Trace, local.
25	e	11	43	22,9						Trace, local.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D ^o D km	Remarks
						NE	NW	Z		

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1	eP _n iP _n eS	09	04	31,3 46,4 15 (00)						82 9100	Dilat. Rat Islands. 50,1 N, 178,3 E, H=08:52:05,8. Interrupt.
3	eP _n iP _n e(S)	14	57	29,6 45,9 15 07 28,6						79 8800	Compr. Kurile Is. USCGS: 49,5 N, 156,5 E, H=14:45:26,8.
18	eL	22	48	(00)							Interrupt. Molucca Isl.
19	eP _n e(S)	21	01	(00) 11 30,3						80 8900	Interrupt. Aleutian Islands.
19	e	22	06	25,3							Trace.
22	eP _n iS M _{1,2,3}	13	05	08,7 11,0			0,2	1	3	1	Local.
24	eP _n i(S _n) i(S _b)	12	18	30,6 19 53,4 20 07,5						6,3 700	BCIS: 46,3 N, 7,4 E, H=12:16:57. Switzerland.
24	eP	18	27	(00)							Interrupt. Trace. Kurile Isl.
24	eP	22	23	35,8							BCIS: 40 1/4 N, 21 1/4 E, H=22:21:18; Border region Greece-Albania.
25	eP _n i eS _n M ₁	22	46	14,0 41,3 56 07,2			3,6		10		Compr. Hokkaido, Japan. USCGS: 44,2 N, 145,3 E, H=22:34:24,3.
28	eP	14	41	(00)							Interrupt. Trace. Albania.
31	eP _n iS	04	06	37,5 53,9						1,1 126	Felt at Rijeka. BCIS: 45,4 N, 14,4 E, H=04:06:16.

N O V E M B E R 1965

2	eP _n	03	29	38,4						9,9	Aegean Sea. BCIS: 39,3 N,
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Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D° D km	Remarks
						NE	NW	Z		
	i M	32	17,8		10,4	13			1100	25,5 E, H=03:27:12. M = 4,9 (Zgb).
3	eP eS _n n	01 02	51 01	26,5 (00)						Peru-Brazil border. H= 583. Interrupt.
9	eP i i i(s) M ₁ M ₂	15 37	36 23,0	06,5 13,8 22,2	2,6 1,6	15	15		4,0 450	Apennines. BCIS: 44,4 N, 10,3 E, H=15:35:01.
12	eP e _n	07 18	18 05	08,4 15,4 53,0					4,5 500	Italy. BCIS: 42,1 N, 13,5 E, H=07:16:56.
12	eP eL	18 43	05 (00)	15,4						South of Honshu, Japan. Interrupt.
13	eP iS _n iPS M ₁ M ₂	04 49 50 05	42 46,7 12,1 02 04	39,6 46,7 12,1	8,7 7,1	34 29			49 5450	Compr. Northern Sinkiang Prov., China. USCGS: 43,8 N, 87,8 E, H=04:33:53,0.
13	eS _n	11	38	16,3 22,4					1,8 200	Trace. Local. Alpes. BCIS: 46,4 N, 13,5 E, H=11:37: 23.
15	eP iPP iPPP	11 30 31	28 15,3 33,3	11,4 15,3 33,3					52 5800	Central Mid-Atlantic Ridge. Moscow: 1,1 N, 18,0 N, H=11:19:00. USCGS: 0,3 S, 18,7 W, H=11:18:49,9, h=24 km.
16	eP e _n e	15 34	33 17,2 42,8	14,0 17,2 42,8					47 5200	Middle Atlantic Ridge. BCIS: 31,3 N, 41,4 W, H=15:24:43.
18	ePKF e	20 21	19 06,1	25,2 06,1						Fiji Is. USCGS: 18,8 S, 177,9 W, H=20:00:19,0; h=421 km.
18	eP	22	10	(00)						Interrupt. Kamchatka.
20	e	20	02	(00)						Interrupt. Trace.

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D° D km	Remarks
						NE	NW	Z		
27	eP eS e	13 54	53 20,2 39,1	37,4 20,2 39,1					3,0 330	Yugoslavia. BCIS: 43 1/2 N, 18 3/4 E, H=13:52:40. USCGS: 43,3 N, 18,5 E, H=13:52:38,8, h=29 km.
28	eP i _n	05 33	29 12,4	07,0 12,4					12,6 1400	Mediterranean Sea. BCIS: 36,1 N, 27,7 E, H=05:26:05.

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3	e i	09 06	05 08,6	37,6 08,6								
6	e	11	48	25,3							USCGS: Mexico.	
10	e i	12 40	40 55,0 56,1	55,0 56,1							Trace, local.	
13	eP e	11 08	04 15,3	24,0 15,3					81 9000		Kurile Isl.	
13	eP eS	17 47	46 19,8	05,8 19,8					5,9 660		Ionian Sea. BCIS: 40,0 N, 19,3 E, H=17:44:07.	
15	eP i iS iS _n eL _n	20 05	04 04,3 06,3 23,7	49,9 54,7 04,3 06,3 23,7					0,95 106		Slovenia, Yugoslavia. BCIS: 45,8 N, 14,5 E, H= 20:04:31.	
15	eP eSKS	23 29	18 08,9	24,6 08,9					21 10100		South of Panama. USCGS: 7,5 N, 82,2 W; H=23:05: 20,7.	
18	eP iP iS i M ₁ M ₂ M ₃	09 24	23 11,6 23,6	15,7 24,7 11,6 23,6	1,7 3,0 1,6			28	3,0 330	33	18	Dilat. Italy, BCIS: 44,2 N, 12,0 E, H=09:22:25. M = 4,9 (Zgb).
20	eP iP _n i i i	00 11	10 11,6 22,8 39,4	17,3 44,5 50,2 11,6 22,8 39,4					8,5 940		Dilat. Aegean Sea. BCIS: 39,9 N, 25,0 E, H=00:08: 11. M = 5,6 (Zgb).	

Date	Phase	M h	G m	T s	Per. sec.	A m p l i t u d e			D ^o D km	Remarks
						NE	NW	Z		
	iS _n iS _b iS _b M			51,4 12 34,0 53,3	9,4	107				
21	e	16	06	56,1						Trace.
22	eP _n	00	40	52,1						Off East Coast of Kamchatka; USCGS: 52,4 N, 160,5 E, H=00:28: 46,2.
22	eP i eS	19	52	(00) 25,8 44,1						Interrupt.Kodiak Isl. USCGS: 58,4 N,153,0 W, H = 19:41:23,0; h=50 km.
23	eP _n iS _n	15	30	29,5 31 35,3				5,4 600		Southern Italy.BCIS: 40,5 N, 14,9 E, h= 320 km,cca; H=15:29;07.
25	eP eP _b iS	10	19	09,8 18,1 20 14,3				3,6 400		Yugoslavia; BCIS: 43,8 N, 20,1 E, H=10:18:12. USCGS: 43,3 N, 21,1 E, H = 10:17:58.
29	e	15	11	52,7						

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
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S I J E Č A N J - J A N U A R Y 1965

1	10		Split	Dubrovnik Hvar Makarska Omiš Supetar	III V VI V IV	
2	20		Zagreb	Markuševac Mark.Trnava	IV IV	
	21					
3	23		Osijek	Slav.Brod	IV	Not felt: Županja
4	26		Osijek	Donji Andrijevci Gorjani Kutjevo Levanjska Varoš Našice Poderkavlje Semeljci Vrpolje	III III III V IV V II V	Area of perceptibility: 5.500 km ² .

V E L J A Č A - F E B R U A R Y 1965

5	23		Split	Split Makarska	IV IV	Not felt: Lastovo
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O Ž U J A K - M A R C H 1965

6	5		Osijek	Levanjska Varoš Poderkavlje Slav.Brod Orahovica Podvinje Trnjani Brođsko Brdo Sibinj Stupnik Bebrine Bosanski Brod	V VI V II VI V V V V V IV	Not felt: Našice, Nova Gradiška, Novska. Area of perceptibility: 9.000 km ² .
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Br. No.	Dan Date	Sr.evr.vr. M E T	Kotar District	Mjesto Locality	M.C.S. Sc.	Bilješke-Remarks
7	5	10 57	Osijek	Podcrkavlje	IV	
8	5	15 17	Osijek	Šakovo	III	
9	17		Rijeka	Matulji Opatija	IV IV	On that day 5 small earthquakes were felt. Not felt: Rijeka, Buzet, Delnice.

T R A V A N J - A P R I L 1965

10	7		Sisak	Vlahović	IV	Not felt: Glina.
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L I S T O P A D - O C T O B E R 1965

11	31		Rijeka	Rijeka Opatija	IV III	Not felt: Buje, Pazin, Čabar, Umag, Buzet, Pula, Labin, Rovinj, Rab.
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