

January - Nov '68

Hydrometeorological Institute
Seismological Station
SARAJEVO, Grdonj 36
Yugoslavia

SEISMOLOGICAL BULLETIN

Coordinates: 43° 52,4 N Lat; 18° 25,7 E Long
Height : 725 m.
Ground : Lime - Stone /Trias/

Instruments	Comp.	To sec.	v:l	V	r/2 To	Recording speed mm/min.
Mainka, M=450 kg.	E-W	9.8	3.9	149.8	0.042	56 - 60
Mainka, M=450 kg.	N-S	10,0	2.63	144.4	0.033	56 - 60

I seismographic registrations

JANUARY 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D= km.	REMARKS
			h	m	s		A N	A E		
1	1	eP e e eL eL	21	41 45 46 34 47	44 26 15 34 44				SAR USCGS: Algeria, 4 killed, 40 injured 35.7 N., 44 E. 21 38 29.2 h ≈ 10 km. Mag. 5.2 /CGS/	
2	2	e	18	15	12				ep. Gradačac region I ₀ =IV°	
3	7	e e e	10	24 25 26	25 24 47				USCGS: Dodecanese Islands 36.5 N., 26.9 E. h ≈ 45 km. Mag. 5.1 /CGS/	

Seism. Station Sarajevo

JANUARY 1965

No	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	REMARKS
			h	m	s		A N	A E		
8	23	iPg i i iR₁F iS _g iR ₁ PS iR ₁ S F	02	39	39 40 41 43 46 52 56 44				46	microseismes Sar: Mountain Greben Felt in Sarajevo, Tuzla, Doboj, Zenica 44.13 N., 18.22 E. h ≈ 24 km. 37.500km ² Boo: 44.16, 5N, 18.22E H= 02 39 32.7 h ≈ 25 km. USCGS: 44.2N., 18 E. H= 02 39 30.6 h ≈ 33 km. Mag. 5 /CGS/
9		e e	03	27	15 24					Repeat No 8
10	24	e e ePP e eL	00	25	34 41 29 32 30 04 09				103°4	USCGS: Ceram Sea Felt: Davao, Philipp ne. 2.4S., 126.0E, H= 00 11 12.1 h ≈ 6 km. /CGS/ Mag. 6.6
11	28	ePn e eSn	23	11	53 39 45					SAR USCGS: Bulgaria 42.7N., 23.2 E. H= 23 10 44.2 h ≈ 33 km. Mag. 4.5 /CGS/

SAR

Seism. Station Sarajevo

FEBRUARY 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	REMARKS
			h	m	s		A N	A E		
12	3	iP _g e iR ₁ P i iS _g iR ₁ PS M F	01	18	55 58 19 00 02 08 12 20 22		SAR		111	Sar:43.05N,17.57E. USCGS: Yugoslavia 43.03N., 17.9 E. H= 01 18 43 h=33 km. Mag. 4.4 /CGS/
13	4	iP eP _e P i i/S/	05	13	48 14 00 27 24 30	T=16			83°6	USCGS: Aleutian Islands 51.3 N., 178.6 E. H= 05 01 21.8 h=40 km. Mag. 7 ³ / ₄ /PAS/
14		eP	07	23	50					Repeat: Aleutian Islands
15		e	07	27	34					Aleutian Islands
16		e	07	35	41					Aleutian Islands
17		eP eS	08	53	12 09 03 39					Aleutian Islands
18		e	09	19	07					Aleutian Islands
19		e	10	00	53					Aleutian Islands
20		eP e	12	18	22 28 31					Aleutian Islands
21		eP eS	14	30	31 40 51					Aleutian Islands

Seism. Station Sarajevo

FEBRUARY 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			h	m	s		A N	A E		
22	4	eP eS	16	03 13	37 46				Aleutian Islands	
23		e	20	44	48				Aleutian Islands	
24	5	eP e eS	09	44 54	28 45 42				Repeat: Aleutian Islands USCGS: 52.3 N., 174.3 E. H= 09 32 09.3 h ≈ 41 km. Mag. 5 $\frac{1}{2}$ /BRK/	
25	6	iP iS	01 02	53 03	03 25			84°	USCGS: South of Alaska 53.2 N., 161.9 W. H= 01 40 33.2 h ≈ 33 km. Mag. 6.4 /CGS/	
26		iP iS	04	15 26	17 12				USCGS: Aleutian Islands Aftershocks 52.1 N., 175.7 E. H= 04 02 53 h ≈ 35 km. Mag. 6	
27		iP iS	17	02 13	54 12			84°	USCGS: South of Alaska 53.3 N., 161.8 W. H= 16 50 29 h ≈ 33 km. Mag. 6 $\frac{1}{5}$ /PAS/	

Seism. Station Sarajevo

FEBRUARY 1969

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	REMARKS
			h	m	s		A N	*A E		
28	9	e/Pn/ e e	20	39 40 41	37 46 25				615	USCGS: Ionian Islands 37.7 N., 20.3 E. H= 20 38 45.3 h ≈ 51 km. Mag. 4.5 /CGS/
	11	ep e	10	22 23	33 04					LJU
29	11	iPg iSg M F	10	21	11.60 12.05 12.07				6	SAR T=02.1 Sar: Ep. New Sarajevo 43.51.30N., 18.24.35E I=V ^o MCS Mag. 3.6
30	14	e e e	15	48	16 44 56					
31	23	e e	02	31 32	39 00					Traces
32		e e e	22	29 36 38	17 38 48					USCGS: Near coast of Chile. One killed, 5 injured. 25.7 S., 70.5 W. H= 22 11 50.2 h ≈ 80 km. Mag. 7 $\frac{1}{2}$ /PAS/

Seism. Station Sarajevo

MARCH 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	REMARKS
			h	m	s		A N	A E		
	1								microseismes	
33	2	e	22	02	42				USCGS: Turkey 38.6 N., 28.3 E. H= 22 00 07.8 h ≈ 45 km.	
		e		04	42					
		e		05	08					
		M ₁			35	T=12				
		M ₂			46	T=10				
34	5	eP	06	43	32				Yugoslavia, Croatia Dilj Mount. /V/ 166	
		eRiP			34					
		e			50					
		iS			52					
	9								Instruments were out of order	
35	10	e	21	51	11				USCGS: Aegean Sea 39.3 N., 23.9 E. H= 21 50 17 h ≈ 16 km. Mag. 4.9 /CGS/ 648	
		e/P/			32					
		e			50					
		eRiPS		52	19					
		S			56					
36	12	e/Pn/	20	20	22				USCGS: Southern Italy 38.9 N., 17.7 E. H= 20 19 07 h ≈ 73 km. Mag. 4.6 /CGS/ 522	
		e		21	36					
		eSb			42					
		e			53					
37	13	e	04	10	29				USCGS: Aegean Sea 39.1 N., 23.9 E. H= 04 08 40.5 h ≈ 12 km. 658	
		e/P/			38					
		e		11	17					
		eSn			27					
		M ₁		13	10					
		M ₂		14	25					

Seism. Station Sarajevo

MARCH 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			h	m	s		A N	A E		
38	13	i	06	37	02				Traces	
39		e e	15	44 45	38 19				Repeat USCGS: Aegean Sea 39.1 N., 24.1 E. H= 15 42 16.8 h=34 km. Mag. 4.5 /CGS/	
40	14	e e e	06	05 06 07	50 38 21				Traces	
41		e/P/ e iS M M	16	00 01 06 09	24 21 15 42	T=10 T=10		41°7	USCGS: Hindu Kush 36.3 N., 70.7 E. H= 15 53 06.6 h=219 km. Felt in India Mag. 7 $\frac{3}{4}$	
42	15	e e/RsP/ eS	23	11 12	21 33 11				USCGS: Aegean Sea Repeat 39.1 N., 24.2 E. H= 23 08 30 h=33 km. Mag. 4.6 /CGS/	
43	16	eP e e ePP eS	16	58 59 01 08	34 58 45 39 50			82°	USCGS: Near East Coast of Honshu, Japan 40.8 N., 142.9 E. H= 16 46 15.5 h=34 km. Mag. 6 $\frac{1}{2}$ /PAS/ Traces	
44	17	e	02	33	32				Traces	

Seism. Station Sarajevo

MARCH 1965										
N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			h	m	s		A N	A E		
45	19	e	04	37	38				Traces USCGS: Yugoslavia Felt in Gavgelia 41.4 N., 22.8 E. H= 04 35 44.1 h ≈ 12 km.	
46		e	23	38	51				Repeat N ^o 45	
		e		39	14					
47	21	e	11	22	37					
48	22	e	03	04	39					
49		e	03	24	17					
		e			33					
		e		25	12					
50		iPg	09	02	12				Sar: Ep. Trebević Mountain Felt in Sarajevo	
		i			13			11		
51	23	iP̄	02	41	55				Adriatic Sea	
		i		42	12			176		
		iS̄			18					
52	28	e	16	51	03				USCGS: Near Coast of Central Chile. About 400 dead or missing 32.4 S., 71.2 W. H= 16 33 14.6 h ≈ 61 km. Mag. 7 - 7 ¹ / ₄ /PAS/	
		ePP		52	22					
		eSKS		58	17					
		e	17	01	26					
		eL		27	10					
		eL		41	57			109°6		

Seism. Station Sarajevo

MARCH 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			h	m	s		A N	A E		
53	29	eP i i	10	59	46 55 03 18				USCGS: Near East Coast of Honshu, Japan 40.8 N., 142.8 E. H= 10 47 37.6 h ≈ 33 km. Mag. 6.1 /CGS/	
54	30	eP i iS	02	39	37 55 49 58			85 ^o 4	USCGS: Aleution Islands 50.6 N., 177.9 E. H= 02 27 07.2 h ≈ 51 km. Mag. 6 ³ / ₄ - 7 /BRK/	
55	31	iPn iP i iSn M ₁ M ₂	09	48	59 21 27 13 15 00	T=3.5		664	USCGS: Greece, 3 killed 16 injured, major property 38.6 N., 22.4 E. H= 09 47 30.7 h ≈ 78 km. Mag. 6.3	
56		e	12	03	03				Traces	
57		e e e/S/	20	10	10 18 34			670	USCGS: Aegean Sea 39.4 N., 24.1 E. H= 20 08 26 h ≈ 33 km.	

Raport Macro-seismic
/Bosnia and Hercegovina/

Seism. Station Sarajevo

JANUARY 1965

N ^o	Date	T I M E /GMT/		DISTRICT	LOCALITY	Intensity M M scale	R E M A R K S
		h	m				
1	2	18	15	Tuzla	Gradačac	IV	Ep. Gradačac region
2	10	20	10	Mostar	Ljubuški	IV	Ep. 43.16N., 17.00E.
					Čapljina	IV	
					Neum /Dalm./	IV	
					Orebić "	IV	
					Ravno	IV	
					Hum	IV	
					Stolac	III	
					Trebinja	III	

MARCH 1965

1	12	11	37	Mostar	Čapljina	III	
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Uredjuje: Miloš Janković, Seizmološka stanica Sarajevo
Umnoženo u Seizmološkoj stanici Sarajevo

April - June 1965

Hydrometeorological Institute
Seismological Station
SARAJEVO, Grdonj 36
Yugoslavia

SEISMOLOGICAL BULLETIN

Coordinates: 43° 52,4 N Lat; 18° 25,7 E Long
 Height : 725 m.
 Ground : Lime - Stone /Trias/

Instruments	Comp.	To sec.	v:l	V	r/2 To	Recording speed mm/min.
Mainka, M=450 kg.	E-W	10,0	3,1	122	0,029	57 - 60
Mainka, M=450 kg.	N-S	10,0	3,4	135	0,031	57 - 60

I seismographic registrations

APRIL 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	REMARKS
			h	m	s		A _N	A _E		
58	3	iP i	08	32	00 16			155	Beo:Čačak region Serbia	
59	03	e/Pn/ e e eSn	14	32	08 02 23 24			595	USCGS: Greece 38.3 N., 20.4 E. H= 14 30 47.7 h ≈ 22 km. Mag. 5.0	
60	5	ePn e e eSb M	03	14	32 37 57 08 13			720	USCGS: Southern Greece, 20 dead, 200 injured 2000 homes destroyed in central Peloponnese 37.7 N., 21.8 E. H= 03 12 54.2 h ≈ 34 km. Mag. 4.7	

Seism. Station Sarajevo

APRIL 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
61	8	eP ePeP eS	13 14	56 06	14 35 33			82°7	USCGS: 52°2 N., 173°5 E. H= 13 43 52.8 h ≈ 46 km. Mag. 5.4 /CGS/	
62	9	SAR eP e e eS M	23 24	59 00 03	23 38 06 09 25			1075	USCGS: Crete Felt on Crete and at Cairo 35.1 N., 24.3 E. H= 23 57 03.2 h ≈ 51 km. Mag. 6 /CGS/	
63	27	ePn e/RsP/ eSn e	14	11	18 54 57 05			945	USCGS: Crete 35.7 N., 23.5 E. H= 14 09 07.1 h ≈ 50 km. Mag. 5.5 /CGS/	
64	29	e e	09	49 51	45 05					
65		iP e/PP/ iS	15	41 44 51	03 45 20				USCGS: Washington 2 killed, some inju- red 47.4 N., 122.4 W. H= 15 28 43.3 h ≈ 57 km. Mag. 6.6 /PAS/	

Seism. Station Sarajevo

MAY 1965

No	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
65	2	iP iS	08	48	49 07			135		
66	11	iP _g iS	16	37	05 12			58	Ep. Travnik region Felt in Travnik I= IV - V ^o Sar:44.12N.,17.41E.	
67	12	iP _g iS _g	11 12	59	53 03			78	Ep. Mostar region Sar:43.23N.,17.53E. I= V ^o	
68	17	iP e e	17	31	54 33 24					
69	20	e e	00	58	16 59					
70	28	iP iS	06	50	09 11			11	Sar: Felt in Čengić Vila /Sarajevo/ I= IV ^o	
71	29	e e	04	18	43 20					
72	31	iP iS	10	54	54 00			45		
73		iP i iS	15	43	00 03 09			72		

Seism. Station Sarajevo

JUNE 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
74	2	iP iS	23	50	40 21				USCGS:16.N.,46.8W. H= 23 40 24.4 h \approx 33 km. Mag. 5.6 /CGS/	
75	3	ePn e/Pb/ iSn	18	33	16 22 34 22			598	USCGS:Aegean Sea 39.7 N., 23.2 E. H= 18 31 50.5 Mag. 4.7 /CGS/	
76	11	eP eS	03	46	02 56 09				USCGS:Kurile Islands 44.7 N., 148.7 E. H= 03 33 44.9 h \approx 47 km.	
77	13	ePn e e/Sn/	20	04	12 21 06 51			9 ^o 8	USCGS: Turkey 37.8 N., 29.4 E. 2 killed,3 injured in Denizli region H= 20 01 48.1 h \approx 18 km. Mag. 5.3	
78	17	e/Pn/ e	03	01	51 04 02				USCGS: Turkey 37.7 N., 29.6 E. H= 02 58 19.9 h \approx 9 km. Mag. 4.8	
79	21	e e/S/	00	27	44 33 19				USCGS:Southern Iran 28.1 N., 56.0 E H= 00 21 14.5 h \approx 28 km. Mag. 6	

Seism. Station Sarajevo

JUNE 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	R E M A R K S
			h	m	s		A N	A E		
80	23	e eS	11	21 31	14 15				USCGS: Kodiak Islands region 56.6 N., 152.9 W. H= 11 09 15.3 h \approx 36 km. Mag. 5.7 /BRK/	
81	26	e i	00	38 25	18				Traces	
82	28	e i	19	49 30	28					

Report Macro-seismic
/Bosnia and Hercegovina/

Seism. Station Sarajevo

APRIL 1965

No	Date	TIME /GMT/		DISTRICT	LOCALITY	INTENSITY M M	REMARKS
		h	m				
1	23	06	03	Mostar	Lištica	IV	The thunder before the earthquake
					Buna	III	
					Blagaj	III	
					Uzarići	III	
					Knežpolje	III	
					Ljuti Dolac	III	
MAY 1965							
1	11	16	37	Travnik	Travnik	V	
					Goleš	V	
2	12	11	59	Mostar	Drežnica	V	The thunder during the earthquake

Izdaje: Seizmološka stanica Sarajevo

Uredjuje: Janković Ing. Miloš

Umnoženo: u Seizmološkoj stanici Sarajevo 1966 god.

Seismological Station
SARAJEVO, Grdonj 36
Yugoslavia

July - September '65

SAR

p. w. g.

SEISMOLOGICAL BULLETIN

Coordinates: 43° 52,4 N Lat; 18° 25,7 E Long
Height : 725 m.
Ground : Lime - Stone /Trias/

Instruments	Comp.	To sec.	v:1	V	r/2 To	Recording speed mm/min.
Mainka, M=450 kg.	E-W	10,0	3,1	122	0,029	57 - 60
Mainka, M=450 kg.	N-S	10,0	3,4	135	0,031	57 - 60

I seismographic registrations

JULY 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
83	2	iP iS	21	11	04 21 22				USCGS: Fox Islands Aleutian Islands 53.1 N., 167.7 W H= 20 58 40.0 h ≈ 59 km. Mag. 6.6 /CGS/	
84	14	iP iS	22	39	07 14			52		
85	25	i/P/ iS	09	06	31 38					
86	29	iP /iPcP/ iS	08	41	59 42 05 52 25				USCGS: Fox Islands Aleutian Islands 51.2 N., 171.3 W. H= 08 29 22.1 h ≈ 23 km. Mag. 6.4	

Seism. Station Sarajevo

AUGUST 1965

No	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
87	2	e	13	39	38					
		e		41	35					
88	4	e	11	51	12					
		e		52	33					
89	11	e	04	00	16					
		e		03	24					
90		e/PKP/	22	51	25				USCGS: New Hebrides 15.8 S., 167.2 E. H= 22 31 48.9 h \approx 33 km. Mag. $7\frac{1}{4}$	
		e			37					
		e		55	03					
91	13	e/PKP/	13	00	11				USCGS: New Hebrides 15.9 S., 166.8 E. H= 12 40 08.3 h \approx 33 km. Mag. $7-7\frac{1}{2}$ /BRK/	
		e		03	18					
92	16	iP	12	45	00				USCGS: Central Mid Atlantic Ridge 06 S., 19.9 W. H= 12 36 23.3 h \approx 33 km. Mag. 6.1	
		iS		53	38					
93	23	iPn	14	10	41				USCGS: Turkey 40.5 N., 26.1 E. H= 14 08 58.1 h \approx 33 km. Mag. 5.2 /CGS/	
		e		11	00					
		iSn		12	02					
		e			30					

736

Seism. Station Sarajevo

AUGUST 1965

No	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
94	23	eP ePP eSS	19 20	59 03	28 23 01				USCGS: Oaxaca, Mexico 16.3 N., 95.8 W 19 46 02.9 h ≈ 28 km. Mag. $7\frac{1}{4}$ /PAS/	
95	24	e/P/ e	19	27	15 31					
96		eP eS	19	30	43 52				Sar: 18.07N., 43.18 E.	
97	24	e e/Sn/ e	23 24	58 00	56 06 11					
98	25	e e	05	00	00 24					
99	27	e	22	31	20				Ep: Mostar region	
100	31	e/P/ e eSn	07	33	25 41 51				USCGS: Turkey 39.3 N., 40.9 E. H= 07 29 47.4 h ≈ 22 km. Mag. 5.1	

SP = 8 1/2
6
70

Seism. Station Sarajevo

SEPTEMBER 1965

N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	R E M A R K S
			h	m	s		A N	A E		
101	2	iP	21	14	46				Ep:Stolac region	
102	2	iP iS	21	17	17 30			115	Ep:Stolac region	
103	2	eP iS	12	58	43 03			150		
104	4	iP i/PcP/ iS i	14	44	37 43 32 48			76 ^o	USCGS:Kodiak Island region 58.2 N., 152.6 E. H= 14 32 47.9 h \approx 19 km. Mag. 6.1	
105	12	eP eS	22	13	47 42					
106	17	iP i i	16	33	43 53 17					
107	21	i e iS	01	51	01 41 44					
108	22	iP iS	22	20	36 05			84 ^o 5	USCGS:Japan, Near East Coast of Honshu 36.4 N., 141.3 E. H= 22 08 01.1 h \approx 44 km. Mag. $6\frac{3}{4}$ /PAS/	
109	29	iP iS	00	11	23 26			11		
110	29	iP i/S/	01	02	18 39			145		

Report Macro-seismic
/Bosnia and Hercegovina/

Seism. Station Sarajevo

AUGUST 1965

N ^o	Date	T I M E /GMT/		DISTRICT	LOCALITY	Intensity MCS	R E M A R K S
		h	m				
1	12	19	18	Mostar	Stolac	IV	The thunder during the earthquake
2	27	22	31	Mostar	Mostar	IV ⁺	
					Buna	IV	
					Blagaj	IV	
					Lištica	IV	
					Goranci	III	
					Vrapčići	III	
					Bijelo Polje	III	
					Zovnica	III	

SEPTEMBER 1965

1	2	19	40	Mostar	Stolac	IV	ep: Stolac
2		21	00		Stolac	III	
3		21	07		Stolac		
	19	02	20	Mostar	Posušje	IV	
					Rakitno	III	
					Vir	III	

Izdaje: Seizmološka stanica Sarajevo

Uredjuje: Janković Ing. Miloš

Umnoženo: u Seizmološkoj stanici Sarajevo 1966 god.



al Institute

Seismological Station
SARAJEVO, Grdonj 36
Yugoslavia

PWS

24-9-66

October - December '65

SAR

29 MAR 1967

SEISMOLOGICAL BULLETIN

Coordinates: 43° 52,4 N Lat; 18°25,7 E Long						
Height : 725 m.						
Ground : Lime - Stone /Trias/						
Instruments	Comp.	To sec.	v:l	V	r/2 To	Recording speed mm/min.
Mainka, M=450 kg.	E-W	9.8	3.30	121	0.026	56 - 60
Mainka, M=450 kg.	N-S	10.0	3.46	128	0.034	56 - 60

I seismographic registrations

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N ^o	Date	Phase	T I M E			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A _N	A _E		
111	1	e e/P/ is	09	04	30 40 15 10			86°	USCGS: Rat Islands Aleutian Islands 50.1 N., 178.3 E. H= 08 52 05.8 h ≈ 32 km. Mag. 6.3 /CGS/	
112	11	i i	18	07	53 04				Traces	
113	18	e e	22	07	42 08 56				USCGS: Halmahera 1.1 S., 127.9 E. H= 21 50 04.5 h ≈ 33 km. Mag. 6 ³ / ₄ /PAS/	
114	19	e e	21	00	33 07					

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N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
115	19	e	22	05	09					
		e			38					
116	24	e	12	19	26				USCGS: Switzerland 46.4 N., 7.7 E. H= 12 16 58.6 h \approx 33 km. Mag. 4.7 /CGS/	
		e		20	54					
117	24	e/Pn/	22	22	16					
		e			26					
		e		23	03					
118	25	iP	22	46	18				USCGS: Hokkaido, Japa 44.2 N., 145.3 E. H= 22 34 24.3 h \approx 180 km. Mag. 6.2 /CGS/	
		e			26			82 ^o		
		iS		56	13					
119	28	e	04	29	06					
		e		31	10					
120	28	iPn	14	40	05				USCGS: Albania 41.7 N., 19.2 E. H= 14 39 25 h \approx 14 km.	
		iPb			08					
		i			12					
		i			28			258		
		iSn			35					
		iSg			38					

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N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
121	2	e	03	29	01					
		e			22					
		e/Sn/	03	30	13					
122	9	e/P/	15	36	27				USCGS:44.5N., 10.3E. H= 15 35 00.2 h=33 km.	
		e			37 45					
		e			38 24					
123	12	eP	18	05	18			89°	USCGS:South of Honchu Japan 30.5 N., 140.2 E. H= 17 52 24.1 h=40 km. Mag. 6.6 /CGS/	
		eS			16 10					
124	13	eP	04	42	19			47.5°	USCGS:Sinkiang, China 43.8 N., 87.8 E. H= 04 33 53 h=59 km.	
		e			32					
		iS			49 24					
		i			31					
125	15	eP	11	28	20				USCGS:0.3S., 18.7W. H= 11 18 49.9 h=24 km. Mag. 5.6 /CGS/	
		i/S/			35 46					
126	16	e	08	26	42				ep: Posušje region Herzegowina I ₀ =IV	
127	20	ePb	19	59	32			535	USCGS: Greece 39.8 N., 22.5 E. H= 19 58 08 h=65 km. Mag. 4.1 /CGS/	
		e	20	00	27					
		e			38					

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N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ ^o) D km.	REMARKS
			h	m	s		A N	A E		
128	27	iPg	13	52	50			71	Sar:ep.Fojnica region /Gacko/ Herzegowina 43.12 N., 18.24 E. I ₀ =VI-VII ^o Some damage in Fojnica. Felt in Sarajevo	
		i			54					
		iSg		52	58					
		i		53	00					
		i				02				
129	28	iPa	05	28	26			1.134	USCGS: Greece 36.1 N., 27.7 E. H= 05 26 05.6 h ≈ 89 km. Mag. 5.9 /CGS/	
		i		29	11					
		iSn		30	25					

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130	2	e e	06	50 51	57 32				USCGS: Turkey 37.7 N., 29.4 E. H= 06 45 55 h ≈ 41 km. Mag. 4.6 /CGS/
131	3	e e i	09	05	26 33 45				
132	03	iPg iSg	12	54	57 59			10	Sar:ep.Vogošća /Sarajevo/ 18.22 N., 43.57 E. I ₀ =IV ^o

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No	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	REMARKS
			h	m	s		A N	A E		
133	6	e e	11 12	48 00	24 26				USCGS: Mexico 18.9 N., 107.1 W. H= 11 34 53.7 h \approx 37 km. Mag. 5.9 /CGS/	
134	13	e ePb e	17 17	45 45	11 24 46			420	USCGS: Greece 40.3 N., 20 E. H= 17 44 12 h \approx 33 km.	
135	20	ePn e e eSg M	00	09 10 11 12	45 05 42 30 12			645	USCGS: Aegean Sea 40.2 N., 24.8 E. H= 00 08 15.2 h \approx 33 km. Mag. 5.3 /CGS/	
136		e e	00	32 33	59 20				Repeat No A USCGS: Aegean Sea 40.2 N., 24.9 E. H= 00 30 56 h \approx 33 km. Mag. 4.3	
137	21	ePn e/Pb/ eSn e	16	05 06	23 03 06 33 43			265	Sar: Adriatic Sea 18.33 N., 41.28 E.	

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N ^o	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance (Δ°) D km.	R E M A R K S
			h	m	s		A N	A E		
138	25	iP	10	18	35				120	Yugoslavia Beo:43.53N.,20.03E. H= 10 18 09.7 Mag.4.8 USCGS:43.3N.,21.1E. H= 10 17 58 h \approx 33 km. Mag. 4.5 /CGS/ Felt in Sarajevo
		iRiP			38					
		iS		18	50					
		iRiPS			51					
		i		19	04					

Raport Macro-seismic
/Bosnia and Hercegovina/

Seism. Station Sarajevo

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N ^o	Date	T I M E /GMT/		DISTRICT	LOCALITY	INTENSITY	R E M A R K S
		h	m			MCS	
1	29	12	50	Trebinje	Ljubomir	IV	
					Čvorići	IV	
					Ukšići	IV	
					Brova	III	
					Vlaška	III	

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1	16	08	00	Mostar	Posušje	IV	
		11	40		Posušje	IV	
					Bročanac	III	
					Vir	III	
2	27	13	52	Mostar	Fojnica	VI-VII	ep. Fojnica:43.12N 18.24E Felt in Sarajevo
					Gacko	VI	
					Avtovac	VI	
					Nevesinje	V	
					Plana	V	
					Bileća	IV	
					Dobro Polje	IV	
					Gradina	IV	
Ljubinje	III						

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1	3	12	55	Sarajevo	Vogošća Čengić Vila	IV IV	ep.Vogošća I ₀ =IV ^o
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