



Seismological Station
SARAJEVO, Grdonj b.b.
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.	N-S	10,0	4,5	137	0,026	56 - 60
Mainka, M=450 kg.	E-W	9,5	3,8	113	0,031	56 - 60

JUNE 1962

No	Date	Phase	TIME /GMT/			Per. sec.	Amplitude			Distan. D km.	REMARKS
			h	m	s		A N	A E	A Z		
1	4	eP	05	32	04,1				231	USCGS : Adriatic Sea 0:05 31 33,6 43, ON; 15.8E h ≈ 41 km.	
2	11	iP	07	15	46,5				35	Mountain Treskavica Yugoslavia USCGS : 0:07 15 37,6 43, 5N; 18,3E h ≈ 21 km.	
3		iP iS M	08	51	32,0 35,1 37,5					Because of a shock /earthquake shock/ The recording levers got out of their bearings in both seismographs. The clock stopped. The electricity was cut off.	
4		e	12	29	54,8					8 persons were hurt 700 buildings were damaged in the region of Sarajevo /Trnovo, Kalinovik, Ulog etc./	
		e	13	54	59,4						

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Seism. Station Sarajevo

June 1962

No	Date	Phase	T I M E /GMT/			Period sec	Amplitude u			Distance D km.	R E M A R K S
			h	m	s		A N	A E	A Z		
5	11	e	22	13	35,5				35	Mountain Treskavica Bosnia, Yugoslavia	
6	14	e	15	08	53,9					"	
7	28	ePn	06	51	31,5				362	<u>USCGS</u> : Near Greece - Albania bord- er. 0:06 51 04.3 40.9N; 208E h 25 km.	
	"	eSn		52	31,2						
	"	M		53	01,5						

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 II Rapport macro-seismic
 /Bosnia and Hercegovina/

June 1962

Seism. Station Sarajevo

No	Date	T I M E /GMT/		Locality	Intensitet /Mercali Sieberg/	Remarks
		h	m			
1	8	21	00	Trebinje	IV	Local
2	11	7	15	Kalinovik	VIII	Mountain
3				Trnovo	VIII	Treskavica
4				Sarajevo	VII-VIII	Bosnia Yugoslavia
5				Jajce	IV	
6				Fojnica	V	
7				Donji Vakuf	IV	
8				Ljubinje	V-VI	
9				Vitez	VI	
10				Mrkonjić Grad	IV	
11				Tuzla	IV	
12				Novi Travnik	V	
13				Prnjavor	IV	
14				Rogatica	V	
15				Zavidovići	V-VI	
16				Ugljevik	IV	
17				Čapljina-Neum	V	
18				Vareš	IV	
19				Kreševo	V	
20				Priboj n/L	V	
21				Pale	V	
22				Sokolac	V	
23				Mostar	VI	
24				Nevesinje	V	
25				Banovići	IV	
26				Teslić	III	
27				Doboj	IV	
28				Maglaj	IV	
29				Gacko	VI	
30				Modriča	III	
31				Vlasenica	IV	
32				Ilijaš	VI-VII	
33				Han Pjesak	IV	

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II. Report macroseismic of PR Bosnia and Hercegovina

Seism. Station Sarajevo

June 1962

No	Date	T I M E /GMT/		Locality	Intensitet /Mercali Sieberg/	Remarks
		h	m			
34	11	7	15	Zvornik	III	Mountain Treskavica Bosnia and Hercegovina Yugoslavia
35				Laktaši /BL/	III	
36				Ulog	VII	
37	13	08	30	Neum/Čapljina/	III-IV	
38	14	00	30	Neum	IV	Local
39	28	00	02	Neum	IV	
40		06	52	Trnovo	III	ep. Albania
41				Lištica	III	

Seismological Station
SARAJEVO, Grdonj b.b.
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Mainka, M=450 kg.	N-S	10,0	4,5	137	0,026	56 - 60
Mainka, M=450 kg.	E-W	9,5	3,8	113	0,031	56 - 60

I Seismographic registrations

J U L Y 1962

No	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		
8	1	e	20	39	24			62	Ep. Drežnica region /Mostar, Yugoslavia/	
9	4	e	14	19	51					
10	6	eP	09	17	39			667	USCGS: Ionian Sea H ₀ = 09 16 15,0 38.0N., 20,2 E h ≈ 30 km.	
		e		19	59					
		M		20	44					
11		e	15	56	48				USCGS: Ionian Sea H ₀ = 15 54 20,5 37,2 N., 19,4 E h ≈ 25 km.	
12		e	16	46	06					

Seism. Station Sarajevo

July 1962

No	Date	Phase	T I M E /GMT/ h m s			Per. sec.	Amplitude <i>in</i>		Distance D km.	R E M A R K S
			A _N	A _E						
13	6	e	23	12	48				<u>USCGS:</u> H ₀ = 23 05 32,2 36,6 N., 70,4E h ≈ 203 km. Hindu Kush	
14	22	e	14	58	03			35	Ep. Mountain Treskavica /Yugoslavia/	
15	26	e	08	28	07				<u>USCGS:</u> H ₀ = 08 14 41,8 7,5 N., 82,7 W h ≈ 21 km. South of Panama	
		M	09	09						
16	27	eP	20	23	30			35	Ep. Mountain Treskavica /Yugoslavia/	
		eS			34					
17	30	e/P/	20	31	47				<u>USCGS:</u> Western Colombia H ₀ = 20 18 49,3 5,0 N., 76,3 W h ≈ 45 km. 47 killed, 300 injured	
14	22		14	58	03					
15	26		08	28	07					

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Seism. Station Sarajevo

August 1962

AUGUST 1962

No	Date	Phase	T I M E			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			h	m	s		A _N	A _E		
18	3	e	09	12	53					
		e		20	32					
19	7	e	23	37	49			144	Ep. Banja Luka region /Yugoslavia/	
20	11	e/P/ e/S/	08	27	54					
				37	55					
	13								The instruments were out of order	
21	19	e	18	34	47					
				36	43					
22	21	e	15	56	56					
23		e	18	08	59					
24		iP iS	18	10	03			460	<u>BCIS</u> : South of Italy H ₀ =18 08 59 41, ON., 14, 3/4 E	
				11	28					
25		eP iS	18	20	27				<u>BCIS</u> : South of Italy H ₀ =18 19 25 41, ON., 14, 6E	
				21	35					

Seism. Station Sarajevo

August 1962

No	Date	Phase	T I M E			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			h	m	s		A _N	A _E		
26	21	ePn e/Pg/	18	45	51				USCGS: South of Italy H ₀ = 18 44 56,4 41,2N., 15,2E h ≈ 31 km.	
27	25	e	07	21	05					
28	28	iPn i i	11	01	34			760	USCGS: Greece H ₀ = 10 59 58,5 38,0n., 23,1 E h ≈ 120 km.	
29	30	e e e	06	28	15					
				29	28					
			12	11	34					
			17	52	20					
30	31	eP eS	12	07	11			115	Ep. Livno /Yugoslavia/	
					23					
31		e	17	15	12					

Seism. Station Sarajevo

September 1962

SEPTEMBER 1962

No	Date	Phase	T I M E			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			h	/GMT/ M	S		A _N	A _E		
32	1	e	08	02	34					
33		eP	19	26	07				<u>USCGS:Northwest</u> Iran H ₀ =19 20 38,5 35,6N., 50,0 E h≈21 km.	
		iS		30	41					
		M		38		14				
34	4	e	23	03	49					
35	10	e	09	39	21				<u>BCIS:</u> H ₀ =09 36 28 35,6N., 27,5 E.,	
				42	03					
36	17	eP	19	45	44				<u>BCIS:</u> H ₀ =19 44 41 41,0N., 20,7 E.,	
		e/S/		46	32					
		M.		46						

Seism. Station Sar-jevo

September 1962

No	Date	Phase	T I M E /GMT/			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			h	m	s		A ₁	A _E		
37	22	e	07	01	01					
38	24	e	23	33	11					
39	27	e	08	25	05					
40	28	e	15	21	47					
41	29	e	08	26	44					

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II Rapport macro-seismic

Seism. Station Sarajevo /Bosnia and Hercegovina/

July 1962

No	Date	T I M E		Locality	Intensitet /Mercali - Sieberg/	R E M A R K S
		h	m			
1	1	20	39	Drežnica/Mostar	V	Ep. Drežnica region /Mostar Yugoslavia/
				Mostar	V	
				Posušje	V	
				Lištica	IV	
				Konjic	IV	
				Glavatičevo	IV	
				Hadžići	IV	
2	7	20	12	Mostar	IV	
3	22	14	58	Trnovo	IV-V	Ep. Mountain Treskavica /Yugoslavia/
				Trnovo	IV-V	
				Trnovo	IV-V	
4	25	20	23	Lištica	IV	
				Posušje	IV	
				Trnovo	V	
5	27	20	23	Glavatičevo	V	Ep. Mountain Treskavica /Yugoslavia/
				Kalinovik	V	
6	28	21	28	Lištica	IV	
7	29	18	59	Lištica	IV	
8	30	02	04	Lištica	IV	

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Seism. Station Sarajevo

August 1962

No	Date	T I M E /GMT/		Locality	Intenzitet /Mercalli - Sieberg/ °	R E M A R K S
		h	m			
1	4	05	05	Ljubuški	V	
		17	15	Mostar	IV	
				Čapljina	IV	
2	6	14	58	Sokolac	IV	
3	7	15	00	Banja Luka	IV	
		23	37	Banja Luka	IV	
4	26	03	00	Neum	V	
5	28	11	02	Trebinje	IV	
				Ljubinja	IV	
6	31	12	07	Livno	V	

Seism. Station Sarajevo

September 1962

No	Date	T I M E /GMT/		Locality	Intenzitet /Mercalli - Sieberg/ °	R E M A R K S
		h	m			
1	27	17	13	Mostar	IV	

Seism. Station Sarajevo

NOVEMBER 1962

No	Date	Phase	T I M E /GMT/ h m s			Per. sec.	Amplitude		Distance D km.	R E M A R K S
			A _N	A _E						
46	2	e	01	01	40			130	Ep. Trebinje region /Yugoslavia/	
	16								Without minute mark	
47	25	e	01	25	01			100	Ep. Stolac /Yugoslavia/	
48	30	iP iS	12	33	03 06			35	Ep. Mountain Treskavica /Yugoslavia/	

DECEMBER 1962

	2								Disturbances
	7								Without minute mark from 14 ^h to 16 ^h
	13								Disturbances
49	14	eP e	10	57	38 57				Ep. Obrenovac region /Yugoslavia/
50	21	e	09	01	51				
51	21	e e	09	05	29 42				
52	22	e	15	43	27				
53	26	e e	22	37	36 31				

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 II Rapport macro-seismic
 /Bosnia and Hercegovina/

Seism. station Sarajevo

October 1962

No	Date	T I M E /GMT/		L O C A L I T Y	Intenzitet /Mercalli- Sieberg/ ^c	R E M A R K S
		h	m			
1	16	09	45	Stolac	IV	
2	23	00	41	Zenica	V	
3	25	18	43	Nevesinje	IV	
				Ljubinje	IV-V	
				Stolac	IV-V	
				Poljice Popovo	IV	
November 1962						
1	2	01	01	Trebinje	IV	
				Ljubinje	IV	
2	11	13	30	Mostar	V	
3		07	20	Zenica	V	Ep. Zenica region
4	25	01	25	Stolac	IV	/Yugoslavia/
5	30	12	33	Ilidža	IV	Ep. Mountain
				Trnovo	V	Treskavica
				Kalinovik	V	/Yugoslavia/
December 1962						
1	1	14	03	Mostar		
2	14	10	57	Sarajevo		Ep. Obrenovac region
3	20	03	00	Hum/Trebinje/		/Yugoslavia/

Séismo-Sarajevo
/Preliminary Report/
1968 11 03

21 NOV 1968

Sar: 1. iPg 04 50 07.0 Felt in Sarajevo,
iRsP₂gSg 09.0 Ilidža and Kalinovik
iRiPg 24.7 42°06'N., 19°16'E.
iSg 32.1 Mg 5.7

D=212 km.

2. i 04 59 58.5

3. iPg 05 16 42.1
iSg 17 07.1

4. iPg 05 39 53.1
iSg 40 18.6

M. Janković

