

# FLORISSANT

SEISMOGRAPHIC STATION, ST. LOUIS UNIVERSITY, ST. LOUIS, MO., U. S. A.

Three Galitzin-Wilip, two Wood-Anderson short-period seismographs, Shortt synchronome clock

Bulletin for July 1939

15.

No.	Date	Inst.	Phase	G.M.C.T.	Remarks
83	July 1	G-W G-W G-W	iN ez ee	20 <sup>h</sup> 40 <sup>m</sup> 39 <sup>s</sup> 20 41 51 20 41 54	
84	July 2	G-W G-W G-W G-W	iNEZ eN iNEZ F	19 <sup>h</sup> 52 <sup>m</sup> 59 <sup>s</sup> 20 01 04 20 01 08 20 59	Record weak.
85	July 4	G-W G-W G-W G-W G-W G-W G-W G-W G-W	iPZ iPcPZ epPZ ipPcPZ eS7 iSNE iE isSE ee	18 <sup>h</sup> 36 <sup>m</sup> 14 <sup>s</sup> 18 36 52 18 37 16 18 37 58 18 44 21 18 44 24 18 45 40 18 46 19 18 47 45	Epicenter by J. S. A. Ø = 19°9 S. λ = 87°3 W. H = 18 <sup>h</sup> 28 <sup>m</sup> 24 <sup>s</sup> h = 300 km. by Brunner Depth Chart. ΔP-H = 62°7 Δmeas = 62°7
86	July 5	G-W G-W G-W G-W G-W G-W	(e)PZ epPZ iSKSE iSN iN isSN F	22 <sup>h</sup> 54 <sup>m</sup> 06 <sup>s</sup> 22 56 23 23 03 44 23 05 02 23 08 10 23 09 10 01 51	Epicenter by J. S. A. Ø = 24°0 S., λ = 120°0 W. H = 22 <sup>h</sup> 40 <sup>m</sup> 54 <sup>s</sup> h = 550 km. by Brunner Depth Chart. ΔP-H = 104°6 Δmeas = 104°2
No Time Corrections July 6 to July 31					
87	July 8	Earthquake about 21 ± h			
88	July 12	Earthquake about 8+ h			
89	July 12	Earthquake about 23+ h			
90	July 13	Earthquake about 3.5+ h			

No.	Date	Inst.	Phase	G.M.C.T.	Remarks
91	July 14	Earthquake about 8.5+h			S-P = 8 <sup>m</sup> 40 <sup>s</sup> ΔS-P = 33 <sup>o</sup> 5
92	July 15	Earthquake about 11+h			
93	July 18	G-W G-W	iPNEZ eSN	3 <sup>h</sup> 32 <sup>m</sup> 44 <sup>s</sup> 3 37 38	Epicenter by J.S.A. Ø = 49 <sup>o</sup> 2 N., λ = 128 <sup>o</sup> 1 W. H = 3 <sup>h</sup> 26 <sup>m</sup> 46 <sup>s</sup> Time doubtful. ΔS-P = 28 <sup>o</sup> 4 ΔP-H = 28 <sup>o</sup> 4 Δmeas = 28 <sup>o</sup> 6
94	July 20	G-W G-W G-W G-W	ePZ ipPZ iSN esSN	2 <sup>h</sup> 35 <sup>m</sup> 54 <sup>s</sup> 2 38 13 2 46 45 2 50 55	Epicenter by J.S.A. Region of Ø = 22 <sup>o</sup> 6 S., λ = 177 <sup>o</sup> 0 W. H = 2 <sup>h</sup> 23.0 <sup>m</sup> + h = 650 - 700 km. by Brunner Depth Char. Δmeas = 105 <sup>o</sup> 4 Time doubtful.
95	July 23	Earthquake about 9+h			S-P = 7 <sup>m</sup> 13 <sup>s</sup> ΔS-P = 43 <sup>o</sup> 6
96	July 26	Seismic Activity 04.5+h			
97	July 31	Seismic Activity 02+h			
98	July 31	Seismic Activity 19.4+h			

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