

LITTLE ROCK

LITTLE ROCK COLLEGE SEISMOLOGICAL OBSERVATORY, PULASKI HEIGHTS, LITTLE ROCK, ARK., U. S. A.

(In cooperation with St. Louis University, St. Louis, Mo.—Records kept in St. Louis)

Two Wood-Anderson short-period seismographs, Howard clock, time checked by radio signals.

Bulletin for 1936

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No.	Date	Inst.	Phase	G.M.C.T.	Remarks
50	June 3	W-A W-A W-A	eE eN F	3h04m46s 3 19 49 3 39 ⁺	Distant. Possibly Japan.
51	June 3	W-A W-A W-A W-A W-A W-A W-A W-A W-A W-A W-A	eP ^{NE} ip ^{PNE} ePR ₁ ^N iPR ₂ ^N iN eE eSE eSR ₁ ^N eL ^{NE} eM ₁ ^N eM ₂ ^E F	9h21m02s 9 21 14 9 21 46 9 21 57 9 22 43 9 25 33 9 25 44 9 26 57 9 29 26 9 30 17 9 32 51 10 30 ⁺	$\Delta S-P = 27^{\circ}2$ H = 09h15m20s. Epicenter: 40 ^o 7 N, 125 ^o 5 W. Depth by the Brunner Depth Chart probably over 50 km.
52	June 5	W-A W-A W-A W-A	eP ^N ip ^{PNE} eE F	14h59m48s 14 59 51 15 00 58 15 05 ⁺	Deep
Station not in operation from June 5 to October 10, 1936.					
53	Oct 10	W-A W-A W-A W-A W-A W-A	eE eNE iNE eNE eN eLN F	1h31m08s 1 31 21 1 31 27 1 35 33 1 35 59 1 42 03 1 49 ⁺	Weak beginning.
54	Oct 19	W-A W-A W-A W-A W-A	eN iE iNE eNE F	12h27m01s 12 27 03 12 27 14 12 27 47 12 35 ⁺	No surface waves

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No.	Date	Inst.	Phase	G.M.C.T.	Remarks
55	Oct 20	W-A	iPnNE	21h17m45s	$\Delta_{Sn-Pn} = 2^{\circ}8$ or 193 miles. H = 21h17m00s. Southeastern Missouri near New Madrid. Not reported felt.
		W-A	iP*N	21 17 50	
		W-A	iPgNE	21 18 00	
		W-A	iNE	21 18 11	
		W-A	iSnNE	21 18 19	
		W-A	iS*N	21 18 26	
		W-A	F	21 24 ⁺	
56	Oct 23	W-A	ePN	6h32m33s	$\Delta_{S-P} = 44^{\circ}9$ Epicenter $60^{\circ}8$ N. $149^{\circ}4$ W. H = 06h24m27s. Depth somewhat less than 25 km. Reported felt at Anchorage Alaska.
		W-A	iPNE	6 32 35	
		W-A	iP ² NE	6 32 40	
		W-A	iPR ² N	6 34 32	
		W-A	eN	6 39 11	
		W-A	eSNE	6 39 17	
		W-A	esSNE	6 39 25	
		W-A	eSR ¹ N	6 42 40	
		W-A	eLN	6 46 47	
		W-A	eMN	6 48 51	
		W-A	F	8 10 ⁺	
57	Oct 23	W-A	eE	16h48m14s	Weak.
		W-A	eN	16 48 25	
		W-A	eNE	16 49 35	
		W-A	eLN	16 49 38	
		W-A	F	17 00 ⁺	
58	Oct 23	W-A	ePNE	19h49m45s	
		W-A	iNE	19 50 25	
		W-A	eN	19 50 48	
		W-A	F	19 52 ⁺	
59	Oct 24	W-A	ePN	13h00m39s	
		W-A	eN	13 00 41	
		W-A	iNE	13 01 01	
		W-A	iNE	13 01 11	
		W-A	F	13 04 ⁺	

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No.	Date	Inst.	Phase	G.M.C.T.	Remarks
60	Oct 26	W-A	e _P ^{NE}	23h15m18s	$\Delta_{S-P} = 45.8$ Depth nearly normal. Probably Alaska.
		W-A	i(_{PP}) ^{NE}	23 15 23	
		W-A	i _N	23 16 03	
		W-A	e _E	23 16 14	
		W-A	e _{PR} ^{2NE}	23 17 20	
		W-A	e _N	23 21 48	
		W-A	e _{SE}	23 22 08	
		W-A	e _{LE}	23 32 36	
		W-A	e _{ME}	23 38 48	
		W-A	F	24 00 ⁺	
61	Oct 29	W-A	i _P ^N	5h58m27s	$\Delta_{S-P} = 26.5$ Panama Balboa Heights reports: Felt in David and Santiago.
		W-A	i _{PR} ^{1NE}	5 59 04	
		W-A	e _N	5 59 13	
		W-A	e(S) ^{NE}	6 03 06	
		W-A	e _N	6 03 44	
		W-A	e _L ^{NE}	6 06 02	
		W-A	F	6 30 ⁺	
62	Oct 29	W-A	e _L ^E	19h17m20s	Distant.
		W-A	F	20 00 ⁺	

Minor Seismic Activity: Oct 24, 3h7m to 3h11m; Oct 28, 16h56m to 17h02m; Oct 29, 8h40m to 8h43m.

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