

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

One Wiechert 80 Kg., two Wood-Anderson long-period seismographs, Wiechert clock

Bulletin for January, 1941

1.

No.	Date	Inst	Phase	G.M.C.T.	Remarks
1	Jan. 2	W-A Mac W-A Mac W-A	eN iz iSKSE eSKSE iE F	17 ^h 10 ^m 24 ^s 17 10 24 17 16 08 17 16 08 17 16 26 17 17 ±	Record weak
2	Jan. 2	Mac Mac	iPZ ipPZ F	21 ^h 49 ^m 35 ^s 21 49 59 21 50 ±	
3	Jan. 3	Mac Mac Mac W-A Mac Mac	iPZ ipPZ eSN eSE eN eN F	9 ^h 21 ^m 12 ^s 9 21 34 9 25 23 9 25 38 9 25 43 9 29 03 10 11 ±	$\Delta_{S-P} = 24^{\circ}0$ h about 200 km.
4	Jan. 5	Mac Mac Mac Mac Mac Mac Mac	ipP'Z iz iPR1Z iSKPE iSKPZ eSR1NE eN F	19 ^h 06 ^m 11 ^s 19 06 18 19 08 21 19 09 30 19 09 34 19 25 44 19 30 00 21 00 ±	$\Delta_{SR1-H} = 131^{\circ}7$ $H = 18^h46^m44^s$ Florissant gives epi- center near 2°0 N, 120° E.
5	Jan. 6	Mac Mac Mac Mac Mac Mac Mac Mac	iPE ipPZ iz iz eSN esSN iN eLE F	10 ^h 54 ^m 15 ^s 10 54 49 10 55 09 10 55 25 10 58 32 10 59 22 10 59 25 11 02 55 12 00 ±	$\Delta_{S-P} = 25^{\circ}0$ Epicenter by J.S.A. 7°0 N, 87°0 W.
6	Jan. 7	W-A W-A	ePN eN F	10 ^h 59 ^m 55 ^s 11 00 09 11 00 58	Weak.
7	Jan. 11	Mac Mac Mac Mac Mac	ePZ iPNE iPZ eN eSNE F	8 51 03 8 51 05 8 51 12 8 54 13 9 00 25 9 25 ±	

			Phase	G.M.C.T.	Remarks
8	Jan. 13	Mac Mac W-A W-A Mac Mac	ez iPR ₁ Z eSKSE eSKKSE i(PS)Z iPPSNE F	16 ^h 46 ^m 35 ^s 16 47 39 16 52 55 16 54 35 16 56 08 16 57 25 21 00 ±	Epicenter by J.S.A. 5 ^o 5 S, 152 ^o 0 E. H = 16 ^h 27 ^m 42 ^s $\Delta_{meas} = 115o.4$
9	Jan. 17	Mac Mac Mac Mac	ePZ iPR ₂ Z eSN eLNE F	12 ^h 41 ^m 59 ^s 12 42 50 12 46 50 12 50 10 13 30 ±	$\Delta_{S-P} = 28o.0$
10	Jan. 19	Mac Mac Mac Mac	ez ez eLE eME F	3 ^h 31 ^m 19 ^s 3 31 29 3 54 31 4 02 31 5 00 ±	
11	Jan. 20	Mac Mac Mac Mac	ePZ iPZ eSKSE eLNE F	3 ^h 49 ^m 59 ^s 3 50 00 4 00 24 4 43 54 5 15 ±	
12	Jan. 21	Mac Mac Mac Mac Mac Mac	ez ez eN eN eN ez F	13 ^h 00 ^m 20 ^s 13 00 57 13 07 07 13 08 13 13 10 49 13 11 09 Lost in change of records	
13	Jan. 24	Mac Mac Mac Mac Mac Mac	iPZ iPZ iPR ₁ Z iz iSNEZ iSR ₂ NE F	5 ^h 52 ^m 02 ^s 5 52 27 5 53 47 5 54 15 5 58 23 6 01 49 6 30 ±	$\Delta_{S-P} = 43o.2$ Epicenter by J.S.A. 2 ^o .2 S, 76 ^o .9 W. H = 5 ^h 44 ^m 17 ^s h = 150 Km.
14	Jan. 24	Mac Mac Mac Mac Mac Mac	ePZ eSNE ePSNE ePPSE eSR ₁ E eLE F	14 ^h 47 ^m 27 ^s 14 57 09 14 57 39 14 58 27 15 02 09 15 10 09 16 00 ±	$\Delta_{S-P} = 75o.1$
15	Jan. 25	Mac Mac Mac Mac	iPZ ez iSE iE F	23 ^h 48 ^m 06 ^s 23 49 32 23 58 07 23 58 35 24 15 ±	$\Delta_{S-P} = 78o.8$

Minor Seismic Activity: Jan 1, 13^h00^m to 14^h00^m; surface waves; Jan.1, 21^h00^m to 23^h00^m surface waves; Jan.4, 3^h00^m to 4^h00^m surface waves; Jan 6, 7, strong microseisms; Jan.11, 3^h30^m to 4^h30^m surface waves; Jan.27, 3^h00^m to 4^h00^m surface waves; Jan.28, 3^h00^m to 5^h00^m surface waves; Jan.31, 2^h45^m to 4^h00^m