

RECORD

OF THE

Seismographic Station, Department of Geology, Cornell University, Ithaca, N. Y., U. S. A.



LATITUDE 42° 26' 58" N.; LONGITUDE 76° 29' 09" W. Greenwich.

ELEVATION : 242.6 metres, 796 feet.

INSTRUMENTS : Two Bosch-Omori horizontal pendulums (25 kgm., mechanical registration).

From Jan. 1, 1914

To Feb. 28, 1914

No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks
				h.	m.	s.			
123	Jan. 30	N	P	3	48	03	4		
			S	3	57	46	5-8		
			eL	4	12	45	25-35		
			M	4	24	32	19	.6	
		E	F	6	19				
			S	3	57	48	5-10		
			eL	4	08	42	18-34		
			F	5	18				
124	Feb. 10	E	eL	16	43	30	20-12		Microseisms.
			F	16	50				
125	Feb. 10	N	e	18	32	10	.5-.6		Beginning very faint First noticeable motion Period of larger waves two to five seconds. Modified by short period waves. Wider motion lasted about 40 sec. Beginning faint. Beginning of stronger motion. Period of longer waves five sec. Quake felt in Ithaca
				18	32	31	.6	.8	
				18	32	43		1	
		E	F	18	35	42			
			e	18	32	17			
				18	32	30	.8	.6	
				18	32	44		1.7	
			F	18	35	25			
126	Feb. 26	N	P	5	09	07	4		
				5	09	36	3-6		
		E	S	5	17	21	5-7		
			F	5	26	30			
			S	5	17	23	6	.4	
F	5	22	30						
127	Feb. 28	N	P	5	08	19	3-5	.4	
			S	5	12	11	7-10		
			L	5	15	32	4-12	.6	
			F	6	01				
		E	eP	5	08	26	4		
			S	5	12	08	5		
			L	5	14	54	3-10	.7	
F	5	28							

Paul Sheldon

RECORD

OF THE



International
Seismological
Centre
U. S. A.

Seismographic Station, Department of Geology, Cornell University, Ithaca, N. Y., U. S. A.

LATITUDE $42^{\circ} 26' 58''$ N.; LONGITUDE $76^{\circ} 29' 09''$ W. Greenwich.

ELEVATION : 242.6 metres, 796 feet.

INSTRUMENTS : Two Bosch-Omori horizontal pendulums (25 kgm., mechanical registration).

From March 1, 1914

To March 31, 1914

No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks	
				h.	m.	s.				
128	March 4	E	eL	16	20	42	35-17			
			F	16	32					
129	March 6	N	eL	19	50		20			
			F	20	03	30				
		E	eL	19	55		16			
			F	20	02					
130	March 27	N	eL	1	33	15	16			
			F	1	42	30				
		E	eL	1	34	14	18			
			F	1	43	30				
131	March 30	N	eP	0	46	51	12			
			S	0	52	04	18			
			eL	0	56	04	35			
			M	1	01	25	15			4
			M	1	03	13	15			4
			F	2	06					
		E	eP	0	46	52	13			
			S	0	52	08	19			
			eL	0	58	03	30			
			M	0	59	44	16			3.3
			M	1	00	32	14			2.5
			M	1	01	12	14			3.2
			M	1	01	48	12			3.5
			F	2	09					

Pearl Sheldon

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From

April 1, 1914

To

April 30, 1914

No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks	
				h.	m.	s.				
132	April 11	N	eL	17	22	13	20-14			
			F	18	12					
		E	eL	17	28	52	30-16			
			F	19	00					
133	April 20	N	P	13	36	25	3-4			
				13	37	45	3-8			
			S	13	42	15	9-13			1
			L?	13	45	02	10-23			
		E	F	14	38					
			eP	13	36	31	4			
			S	13	42	18	9	.6		
			L?	13	45	01	16			
134	April 24	N	e	8	49	01	4-8			
			F	9	02					
		E	e	8	51	04	3-7			
			F	9	00					

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From **May 1** To **May 31, 1914**

No.	Date	Comp.	Phase	Time			Periods.	Ampl's	Remarks
				h.	m.	s.			
135	May 19	E	eL	0	46	40	36-20		N-S not recording
			F	0	52				
136	May 26	N	e	14	43	25	5		
				14	46	00	5		
				14	55	03	7-10		
			L	15	32	32	22		Early part of L not well defined
			e	15	35	40	24		
				15	42	32	20	.08	
				15	47	52	20	.9	
				15	50	36	21	.8	
		P	F	16	46	00 ²⁵	4		
		E	e	14	46	00	4		Beginning of phases not well defined
			F	16	40				
137	May 28	N	P	3	29	47	4		
				3	30	40	4-6		
			S	3	35	06	5-12		
			L	3	38	42	32		
			F	3	51				
		E	e	3	31	19			
			F	3	50	15			
138	May 28	N	e	18	¹⁰ 15	42	6		
			L	18	15	50	25		
			F	18	44				
		E	eL	18	15	20			
			F	18	28				
139	May 29	N	eL	6	00	48	21		
		F		6	17				
		E	eP?	5	08	10	4		
			eP	5	09	05	4		
			F	6	28				
			eL	6	05	06	20		Short waves, apparently P, distinct; rest of earlier portion indistinguishable.

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INSTRUMENTS : Two Bosch-Omori horizontal pendulums (25 kgm., mechanical registration).

From June 1, 1914

To June 30, 1914

No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks	
				h.	m.	s.				
140	June 20	N	eL	8	09	44	36			
			F	8	58					
		E	D	8	17	24	40			
			F	8	55					
141	June 20	N	eL	8	41	27	18	Possibly a part of 140		
			F	9	48	30				
		E	eL	9	36	19				
			F	9	45					
142	June 25	N	eP	19	20	54	6	Times uncertain. Drums stopped.		
					19	32	18		4	
			S?	19	38	54	10			
			eL	20	21	22	34			
		E	e	19	50	40	18			
			L	20	15	48	48			
			F	21	06					
			X Possibly a part of 140							
143	June 26	N	eL	5	51	15	22			
			F	7	05	30				
		E	eL	5	49	30	36			
			F	7	15					

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From July 1, 1914

To July 31, 1914

No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks	
				h.	m.	s.				
144	July 5	E	eL	23	11	19	17			
			F	23	15	45				
145	July 6	N	e	3	13	03	5		E-W record barely perceptible	
			eL	3	19	39				13
			F	3	27	30				
146	July 6	N	e?	4	00	57	4			
			L	4	13	50				15-8
			F	4	20					
		E	L	4	14	46	7-8			
			F	4	20					
147	July 17	N	eP	7	23	32	5		Times uncertain. Clock stopped	
			eL	7	39	02				20
			F	8	06	20				
148	July 21	E	e	22	46	18	7		Times uncertain N-S component not recording	
				22	48	10				8
				22	50	50				
			F	23	05	30				.5

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From **Aug. 1** To **Aug. ²²~~31~~, 1914**

No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks	
				h.	m.	s.	s.			
149	Aug. 3	E	e	11	33	31	7		N not recording	
			L	11	38	24	12			
			F	11	46					
150	Aug. 4	E	L	23	21	21	36	.5	Earlier part in local disturbances N. not recording	
				23	34	50	20			
			F	0	25					
151	Aug. 8	E	eP	19	14	38	4			
			S	19	20	20	8			
			eL	19	27	20	12-7			
			F	20	04					
152	Aug. 22	N	e	5	36	55	7			
				5	38	12	5			
				5	43	14 ⁵	11			
			L	5	48	53	20			
			M	5	52	35	11			.6
			F	6	49					
		E	e	5	36	55	3-4			
				5	38	12	5-7			
				5	42	40	9			
			L	5	49	56	15			
				5	52	08	14-8			
			M	5	53	07	11			.9
153	Aug. 22	N	e?	15	34	20	12			
			L	15	55	04	12-20			
			F	16	32					
		E	e	15	34	30	7			
			L	15	55	35	25			
			F	16	30					

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From *Aug 22*
Sept. 1, 1914

To Oct. 15, 1914

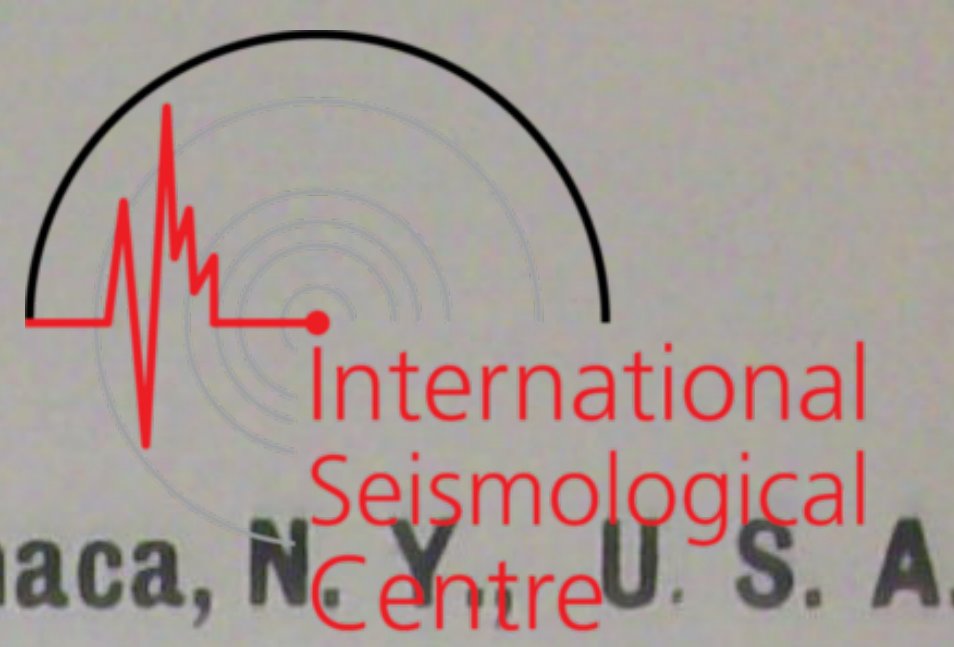
No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks		
				h.	m.	s.					
154	Aug. 28	N	P	8	42	11	5		E - W record faint		
										8	
			eL	9	14	20	24				
			F	9	29						
155	Aug. 28	N	eL	17	58	47	20				
			F	18	09						
156	Oct. 3	N	P	17	28	25	4	1			
			S	17	33	18	12				
			L	17	36	16	34				
			M	17	37	32	27			1.5	
			M	17	38	53	16			1.2	
			F	18	58						
		E	P	17	28	24	3	1			
				17	31	16	3				
			S	17	33	21	9			1.1	
			L	17	36	36	28				
157	Oct. 3	N	eP	22	18	56	5-8		Quake reported in Turkey		
			S	22	28	41	8-11				
			L	22	44	24	34-15				
			F	23	41						
			E	eP	22	18	55			6-8	
				S	22	28	56			7-8	
		L		22	44	36	36				
		F		23	24						

Beginning Sept. 24 the station time is given by an accurate electric clock.

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ELEVATION : 242.6 metres, 796 feet.

INSTRUMENTS : Two Bosch-Omori horizontal pendulums (25 kgm., mechanical registration).

From Oct. 16, 1914

To Nov. 30, 1914

No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks
				h.	m.	s.			
158	Oct. 23	N	L	7	22	18	35-20		Earlier phases lost in microseisms
			F	8	05				
		E	L	7	22	33	40-20		
			F	7	52				
159	Nov. 10	N	e	11	22	58	4		
				11	26	24	8		
			F	11	32	50			
		E	e	11	23	01	3-6		
				11	25	27	7-8		
			F	11	29	30			
160	Nov. 18	N	e	9	52	07	7	Beginning lost in microseisms	
			eL	9	58	58	16		
			F	10	12				
		E	e	9	52	16	8		
				9	55	53	6		
			eL	9	59	07	15		
161	Nov. 24	N	e	12	12	01	3-5	Beginning obscured by microseisms	
			iS	12	17	43	5		.9
			i	12	20	46	7		1.
				12	26	17	12		
				12	42	45	10-30		
			F	13	40				
		E	iS	12	17	41	6		.7
			i	12	20	45	7		.5
				12	42	21	28		
			F	13	14				

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From Dec. 1, 1914

To Dec. 31, 1914

No.	Date	Comp.	Phase	Time			Periods	Ampl's	Remarks
				h.	m.	s.	s.		
162	Dec. 20	N	e	14	35	06	20-13	Beginning lost in microseisms	
			L	14	52	55	44-16		
			F	15	31				
		E	e	14	34	19	7		
			eL	15	01	03	28		
			F	15	31				
163	Dec. 25	N	e	3	47	12	5-6		
			S	3	51	20	5-6		
			eL	3	57	58	8		
			F	4	05				
		E	S	3	51	17	6		
			L	3	54	30	4		
		F	4	04					