

Desuit Geismological Service.

Station Record.

Canisius College, Buffalo, N. Y.

U. S. A.

LATITUDE: $42^{\circ} 53' 02''$ N. LONGITUDE: $78^{\circ} 52' 40''$ W. ALT. 190.46 M.

TIME: Mean Greenwich, midnight to midnight, 0.24 hrs.

INSTRUMENT: Wiechert 80 Kg. Horiz.

NOMENCLATURE: International.

From January 1st to January 31st 1911.

DATE.	CHAR.	PHASE.	TIME	PERIOD.	AMPLITUDE.		REMARKS.
					AE	AN	
			h. m. s.	s.	mm.	mm.	
3	III _u	eP _N	23: 37: 54	3.5		.5	
		eP _E	23: 37: 57	3.8	.3		
		iS _N	23: 48: 52	variable		1.4	23:55:46. 3 waves. Per. 36"
		iS _E	23: 48: 52		.7		Amf. 12 mm. 23:55:46. 3 waves Per 36" Amf. 7 mm.
4		eL _N	0: 08: 34	42		0- 3.7	regular increase in amplitude up to M.
		eL _E	0: 07: 38.8	36	variable		
		M _N	0: 17: 00	28		3.7	
		M _E	0: 20: 00	18	3.6		
		C _N	0: 34: 25	13		.48- 0	
		C _E	0: 35: 43	15	.48- 0		
		F _N	1: 56: 30				
		F _E	1: 30: 00				
21	microslms		0: 00: 00				
			to	6		.1 max.	Heavier on N-S component.
			23: 30: 00				

V. C. Repetti, S.-J.

No.



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From February 1st to February 29th 1911.

DATE.	CHAR.	PHASE.	TIME	PERIOD.	AMPLITUDE.		REMARKS
					AE	AN	
			h. m. s.	s.	mm	mm	
5	I u	1 P N	4:30:37	4		.12	
		1 S N	4:35:30			.25	
		e L N	4:38:00	4 to 6			
		o L E	4:37:40	4 to 6			
		M N	4:39:44	5.5		.62	
		M E	4:40:25	5.5	.5		
		F N	4:46:00				
		F E	4:48:00				
7	microseism.						
		N	2:35:00				
			to				
			2:39:00	4 to 5			
		E	2:35:40				
			to				
			2:40:00	4 to 5			
		M N	2:36:30			.25	
		M E	2:36:40		.12		
18	IIu	i P N	7:05:02	5		.4	
		P E	7:05:02	5			
		?o L N	7:24:20	18		0-1.25	
		?o L E	7:23:20	18	0-1.3		
		M N	7:37:57	18		1.25	
		M E	7:37:55	18	1.3		
		F N	8:26:00				
		F E	8:26:00				
23			23:30:00	Out of service.			
25			19:30:00	In service.			

U. S. A.

NOMENCLATURE : International.

[illegible]

Wm C Repetti, S. J.

U. S. A.

From May 1st to May 31st 1911.

DATE.	CHAR.	PHASE.	TIME	PERIOD.	AMPLITUDE.		REMARKS.
					AE	AN	
			h. m. s.	s.	mm.	mm.	Amplitude measured from line of rest.
4	I Ir	i P N	23:47:35	3		.25	
		P E	?23:47:36				
		i S N	23:52:40	6		.4	
		i L N	23:56:52	6-10		variable	
		L E	23:56:40				
		M N	23:57:37			1.5	
		M E	23:56:57	6.5	4.2		
		C N	0:25:00	13			
		C E	0;24:00	13			
		F N	0:52:00				
		F E	0:49:00				
10	I r	e P E	0:28:50	3			
		e L N	0:41:3	9		.25	
		e L E	? 0:41:00				
		M N	0:43:30	9		.35	
		F N	0:52:00				
		F E	0:51:30				

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NOMENCLATURE: International.

From

June 1st

to

June 30th

1911.

DATE.	CHAR.	PHASE.	TIME	PERIOD.	AMPLITUDE.		REMARKS.
					AE	AN	
			h. m. s.	s.	mm.	mm.	Amplitude measured from line of rest.
15	II	e P N	14:42:09	6"			} May possibly be S wave
		e P E	14:42:34				
		P _{max} N	14:44:10	6"		3.	
		P _{max} E	14:44:25	6	.5		
		e L N	14:58:34	27			Wave of 1mm. M.D.A. and 4" period continues from preliminary and is superimposed on L waves until 15:20:00.
		e L E?	15:04:05				Very complex and irregular. At 15:19:30 resolves itself into sinusoid which continues to the end.
		M N	15:05:00	27		1.75	
		M E	15:14:55	25	2.		
		F N	16:29:00				
		F E	16:28:00				
24		N	14:31:02 to 14:33:00	8		.2	Microseism.

U. S. D. 11:11

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From July 1st to July 31st 1911.

DATE.	CHAR.	PHASE.	TIME	PERIOD.	AMPLITUDE.		REMARKS.
					AE	AN	
			h. m. s.	s.	mm.	mm.	Amplitude measured from line of rest.
1.	I	LN	22:18:00			Trace	
		i' LE	22:17:31	8			
		ME	22:20:24	9	2.		
		FE	22:46:00				
12	Iw.	e PN	4:30:53	4		.2	
		e PE	4:30:53				
		i' SN	4:41:23	11		.5	
		e LN					} e so gradual and covered by preliminaries that time could not be determined. Apparently 5.
		e LE					
		MN	5:16:39	30		.75	
		ME	5:21:11	28	.5		
		FN	6:15:00				
		FE	6:12:00				
24			13:00:00				} microseisms.
	to						
25			16:00:00				

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NOMENCLATURE : International.

From Sept. 1 to Sept. 22 1911

DATE.	CHAR.	PHASE.	TIME	PERIOD	AMPLITUDE.		REMARKS.
					AE	AN	
			h. m. s.	s.	m m	m m	
							ampl. from line of rest.
13		e N	3:34:20 ^{to} 3:48:45	10		.25	microseism. Re- gistered at Harvard also.
17	In	e PN	3:39:25	6			
		e SN	3:48:02				
		SmaxN	3:51:20	10		.25	
		e LN	4:04:20				
		MN	4:08:40	24		1.0	
		FN	5:27:0				died out very slowly and gradually. E-W record useless owing to poor ad- justment. Maximum apparently about 4:04' no record of dis- turbance on Sept. 22. M. J. Ahearn