

Desuit Seismological 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	<i>III_u</i>	ePN	23:37:54	3.5		.5	
		ePE	23:37:57	3.8	.3		
		iSN	23:48:52	variable		1.4	23:55:46. 3 waves. Per. 36"
		iSE	23:48:52		.7		Amf. 12 mm. 23:55:46. 3 waves Per 36" Amf. 7 mm.
4		eLN	0:08:34	42		0-3.7	regular increase in amplitude up to M.
		eLE	0:07:38.8	36	variable		
		MN	0:17:00	28		3.7	
		ME	0:20:00	18	3.6		
		CN	0:34:25	13		.48-0	
		CE	0:35:43	15	.48-0		
		FN	1:56:30				
		FE	1:30:00				
21	<i>microslms</i>		0:00:00				
			to	6		.1 max.	Heavier on N-S component.
			23:30:00				

V. C. Repetti, S-f

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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.

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				

W. C. Repetti, S-f.

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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. C. D. 11:11:11