

SEISMOGRAPH STATION



CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 09" W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From **Feb. 1, 1918.** to **March 31, 1918.**

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
302	Feb. 12	eLN	1	41	20	13			
		FE	1	58					
303	Feb. 12	eL	20	20	21	3			
		eN	20	20	29	3			
		eLN	20	20	58	14			
		eLE	20	23	01	10			
		F	20	28					
304	Feb. 13	eLN	3	55	17	22			
		FN	4	09					
305	Feb. 13	e	6	25	28				
		e	6	27	50				
		e	6	35	30				
		eN	6	42	40	40			
		LN	6	59	45	35			
		MN	7	21	05	16		.5 mm.	
F	8								
306	Feb. 19	eLN	17	21		22			
		FN	17	48					
307	Mar. 21	eN	17	11	13	8			
		FN	17	46					

R. G. Sheldon

Observer.

SEISMOGRAPH STATION



CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 09" W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From April 1, 1918 to

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
306a	Mar. 19	eLN FN	6	57	50	20			Omitted from March report
308	Apr. 10	ePN	1	10	58	1	.3 mm.		
		ePE	1	10	58	1			
		SE	1	11	09	4			
		SN	1	11	11	3			
		FN	1	12	05				
		FE	1	14					
309	Apr. 10	PE	2	25	33	2			
		PN	2	25	34	2			
		eSE	2	26	00	4			
		eSN	2	26	02	3			
		FN	2	28					
310	Apr. 15	PE	8	36	14	4			
		PN	8	36	25	4			
		SE	8	43	22	4			
		SN	8	43	23	7			
		eLN	8	52		8			
		FN	9	12					
311	Apr. 17	eLN	3	13		12			
		FN	3	29					
312	Apr. 17	LN	7	01	19	28			
		LN	7	04	40	10			
		FN	7	19					
313	Apr. 21	PE	22	38	57	4			
		SE	22	44	24	5			
		SN	22	44	25	6			
		LN	22	47	16	15			
		MN	22	50	10 ^m	16			
		ME	22	52	25	9			
		FN	24	30					

P. G. Sheldon

Observer.

SEISMOGRAPH STATION



78
221

CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station $42^{\circ}, 26', 58''$ N. Longitude $76^{\circ}, 29', 09''$ W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From to **April 30, 1918**

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
314	Apr. 27	eL _H FH	15	02	23	21			
			15	15					

P. G. Sheldon

Observer.

SEISMOGRAPH STATION



CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 09" W. Elevation above sea 242.6 metres.

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Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From May 1, 1918 to _____

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
315	May 1	e _N	4	48	52	3			
		e _H	4	49	18	12			
		F _N	4	59	30				
316	May 6	e _N	5	08	20	6			
		L _N	5	13	15	17			
		L _E	5	13	23	19			
		F _N	5	31					
317	May 20	P _E	14	44	53	3			
		i _S	14	52	14	13	3.5 mm.		
		i _S	14	52	15	15		3.4 mm.	
		L _N	14	56	66	15			
		L _E	14	57	25	22			
		F _N	16	45					
318	May 20	P _N	18	06	22	3			
		i _S	18	15	36	6	.8 mm.		
		S _N	18	15	38	5			
		i _E	18	16	12	6	.9 mm.		
		i _H	18	16	12	6		.7 mm.	
		e _L	18	27	18	18			
		L _N	19	04	28	35			
		L _E	19	05	36	28			
		F _E	19	30					
319	May 22	e _E	6	54	52	5			
		e _N	6	56	44	6			
		e _E	6	58	55	6			
		e _L	7	04	23	11			
		F _N	7	24					
320	May 23	e _E	12	03	56	4			
		e _N	12	09	05	4			
		e _E	12	09	08	8			
		e _L	12	11	42	12			
		M _N	12	15	00	10		8 mm.	

P. S. Sheldon

Observer.

SEISMOGRAPH STATION



80

2218

CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 09" W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From to *May 31, 1918*

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
		M _N	12	15	55	9		8 mm.	
		M _N	12	16	11	11		8 mm.	
		M _{NE}	12	17	28	11	4 mm.		
		P _N	14	21					
321	May	eP _N	19	40	38	4			
	25	eP _{NE}	19	40	43	4			
		eS _N	19	50	14	9			
		eS _{NE}	19	50	19	8			
		L _{NE}	20	00	47	46			
		P _{NE}	20	34					

P. G. Sheldon

Observer.

SEISMOGRAPH STATION



CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 09" W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From June 1, 1918 to _____

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
322	June 1	eE	14	53	30	12			
		F _E	15	58					
323	June 3	eP _H	00	14	02	6			
		eP _E	00	14	05	5			
		S _N	00	23	00	5			
		S _E	00	23	12	13			
		L _N	00	30	18	30			
		F _E	01	00					
324	June 4	eE	17	40	00	13			
		eE	17	46	32	21			
		L _E	18	04	08	38			
		L _N	18	05	10	25			
		F _E	18	57					
325	June 7	eE	21	39				Part of record lost in changing sheets. Periods short.	
		F _E	22	29					
326	June 11	eN	12	46	36	4			
		eE	12	46	41	5			
		eE	12	48	59	18			
		eN	12	49	37	12			
		F _H	13	09					
		F _E	13	15					
327	June 12	L _N	4	45	30	14			
		F _H	5	02					
328	June 13	eP _H	9	05	14	4			
		eP _E	9	05	29	3			
		eS _H	9	10	59	7			
		eS _E	9	11	02	9			
		F _E	9	19					
		F _H	9	21					

P. G. Sheldon

Observer.

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2218

CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 09" W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From to **June 30, 1918**

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
329	June 16	P _N	12	33	57	3			
		S _E	12	38	48	5			
		S _N	12	38	49	4			
		F _E	12	51					
		F _N	12	52					
330	June 17	e _E	16	44	57	10			
		e _N	16	45	02	7			
		F _N	16	49					
		F _E	16	50					
331	June 22	e _{P_N}	22	13	37	5			
		e _{S_E}	22	19	48	11			
		L _E	22	23	54	22			
		L _N	22	24	43	25			
		F _N	22	35					
		F _E	22	38					

P. G. Sheldon
Observer.

SEISMOGRAPH STATION



CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 09" W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From July 1, 1918. to July 31, 1918

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
332	July 3	ePE	7	13	16	4			
		ePN	7	14	36	4			
		eE	7	23	16	9			
		eN	7	24	58	11			
		eE	7	30	27	12			
		eN	7	30	24	9			
		eN	7	35	48	9			
		eLE	7	48	50	40			
		eLN	7	49	32	24			
		FN	9	17					
FE	9	23							
333	July 8	ePN	10	41	17	3			
		eE	10	49	04	5			
		eN	10	50	52	5			
		eN	10	57	12	7			
		eE	10	57	18	13			
		LE	11	10	14	40			
		eLN	11	17	37	38			
		FE	12	35					
		FN	12	37					
334	July 21	eN	6	46	37	7			
		eE	6	46	38	14			
		eLN	7	03	41	30			
		eLE	7	07	22	28			
		FN	8	18					
		FE	8	22					
335	July 31	PN	14	43	23	3			Time mechanism out of order.
		ePE	14	44	37	4			
		eSN	14	48	35	6			
		eSE	14	50	23	9			
		LE	14	54	09	20			
		LN	14	54	32	26			
		FE	15	19					
		FN	15	22					

P. G. Sheldon

Observer.

CORNELL UNIVERSITY

Latitude of station 42°, 26', 58" N. Longitude 76° Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From Aug. 1, 1918. to Aug. 31st, 1918.

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
336	Aug. 8	eL	10	37	30	5			
		LE	10	46	20	36			
		LN	10	47	35	32			
		FE	11	17					
		FN	11	23					
337	Aug. 15	ePN	12	39	24	4			
		eN	12	41	15	4			
		eN	12	42	24	4			
		eN	12	47	06	7			
		eE	12	47	07	9			
		eN	12	50	06	10			
		eN	12	52	27	16			
		eE	12	57	10	15			
		eN	12	57	28	13			
		LE	13	13	10	32			
		LN	13	15	14	40			
		FN	15	15					
		FE	15	24					
338	Aug. 15	eSE	18	07	50	6			
		eL	18	24		26			
		FE	19	13					
339	Aug. 17	ePN	7	03	55	4			
		SE	7	12	15	11			
		LE	7	27	40	20			
		LN	7	29		25			
		FE	7	41					
340	Aug. 23	eE	7	03	30				
		eN	7	03	59	6			
		eE	7	06	25	16			
		eN	7	07	25	8			
		eE	7	13	05	16			
		LE	7	35		28			
		LN	7	37	30	24			
		FE	8	45					

P. G. Sheldon

Observer.

SEISM



CORNELL UNIVERSITY OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76, 2 Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From Sept. 1, 1918 to Sept. 30, 1918.

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
341	Sept. 7	eP _E	17	28	45	4			
		eP _N	17	28	50	4			
		S _E	17	38	40	8			
		S _N	17	38	42	9			
		L _E	17	49	00	20			
		M _E	18	05	50	21	3.4 mm.		
		M _N	18	15	25	17		5.6 mm.	
		F _E	21	48					
		F _E	22	13					
342	Sept. 12	e _E	18	26	36	6			
		eL _N	18	27	40	13			
		eL _E	18	28	33	13			
		F	18	50					
343	Sept. 14	e _E	17	22		7			
		eS _E	17	27	17	8			
		eL _E	17	45	50	17			
		F _E	18	30					
344	Sept. 29	eL _N	12	46	25	30			
		F _N	13	04					
345	Sept 30	P _E	13	43	10	3			
		eP _N	13	44	50	4			
		S _N	13	53	07	8			
		S _L	14	09		20			
		F _N	14	40					
346	Sept 30	eL _N	18	55	30	20			
		F _N	20	00					

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CORNELL UNIVERSITY DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29' E. Elevation above sea 242.6 metres.

Time: Mean Greenwich, midnight to midnight. Nomenclature: Göttingen.

Instruments: Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From October 1, 1918 to

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
347	Oct. 4	e _N	9	27	52	2			
		L _N	9	28	23	8			
		F _N	9	32					
348	Oct. 11	P _N	14	19	59	3			
		i _N	14	20	51	7		1.7 mm.	
		S _N	14	24	32	15			
		M _N	14	29	13	14		9 mm.	
		M _E	14	32	37	13	13 mm.		
		M _E	14	33	30	13	14 mm.		
		M _N	14	33	35	12		18 mm.	
		M _N	14	34	40	12		15 mm.	
		F _N	17	03					
349	Oct. 11	P _N	17	09	08	3			
		S _N	17	13	39	7			
		L _N	17	15	35	20			
		F _N	18	00					
350	Oct. 14	eP _N	8	25	03	3			
		eS _N	8	29	45	5			
		L _N	8	32	18	22			
		F _N	8	50					
351	Oct. 14	P _N	00	30	05	3			
		S _N	00	34	31	6			
		eL _N	00	37	15	20			
		F _N	00	52					
352	Oct. 14	P _N ?	12	16	22	4			P indistinct, possibly microseis
		e _E	12	19	07	4			
		eS _N	12	27	59	8			
		eS _E	12	28	38	9			
		eL _E	12	55		25			
		F	13	09					
353	Oct. 18	eP _N	21	39	58	5			Early phases obscured by mi- croseisms
		eS _E	21	44	46	7			

P. G. Sheldon

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33



SEISMIC GRAPH STATION

CORNELL UNIVERSITY DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 09" W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From to **October 31, 1918.**

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
		eSN	21	44	40	6			
		L _E	21	46	32	22			
		F _E	22	12					
354	Oct. 19	e	2	16	30				Microseisms
		eL _E	2	19	35	18			
		F _E	2	36					
355	Oct. 19	P _N	3	29	47	4			Microseisms
		S _E	3	35	20	5			
		S _N	3	35	21	5			
		F _E	4	33					
356	Oct. 25	P _N	3	48	43	5			
		S _N	3	53	11				
		S _E	3	53	12				
		L _E	3	55	04	23			
		F _E	5	17					
357	Oct. 27	e	15	48	30				F in next quake
		e	15	54	30				
		e	15	57	15				
		e	16	04					
		e _L	16	25		28			
358	Oct. 27	e	17	36					
		e _L	18	04	30				
		F _L	19	28					
359	Oct. 29	e _N	12	37	20	4			
		e	12	41					
		eL _E	12	43	30	18			
		F _E	13	11					

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Observer.

SEISMOGRAPH STATION



CORNELL UNIVERSITY DEPARTMENT OF GEOLOGY

Latitude of station 42°, 26', 58" N. Longitude 76°, 2' E. Elevation above sea 242.6 metres.

Time: Mean Greenwich, midnight to midnight. Nomenclature: Göttingen.

Instruments: Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From Nov. 1, 1918 to Nov. 30, 1918.

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
360	Nov. 3	eL _{EE} FE	12	27		20			
			12	58					
361	Nov. 8	P _{EE} P _{EE} P _{EN} S _{EN} S _{EE} L _{EE} L _{EN} M _{EE} F _{EE}	4	50	45	3			
			4	50	46	3			
			4	54	08	5			
			5	01	06	7			
			5	01	14	9			
			5	16	05	30			
			5	16	35	30			
			5	28	11	18	1.9	mm.	
			8	26					
362	Nov. 12	eP _{EN} eP _{EE} S _{EE} S _{EN} L _{EE} L _{EN} F _{EE}	21	50	13	3			Microseisms
			21	50	15	3			
			21	54	39	7			
			21	54	41	5			
			21	56	26	25			
			21	56	44	20			
			22	45					
363	Nov. 18	eP _{EN} eP _{EE} i _{EN} i _{EE} eS _{EE} eS _{EN} eL _{EE} F _{EE}	19	02	09	76			
			19	02	09	6			
			19	05	52	8	.5	mm.	
			19	05	53	7			
			19	14	07	8			
			19	14	44	10			
			19	38	40	32			
			21	37					

P. G. Sheldon

Observer.

SEISMOGRAPH STATION



CORNELL UNIVERSITY, DEPARTMENT OF

Latitude of station 42°, 26', 58" N. Longitude 76°, 29', 00" W.

Time: Mean Greenwich, midnight to midnight

Instruments: Two Bosch-Omori horizontal pendulums

From December 1, 1918 to _____

No.	Date	Phase	Time			Period T sec.	Amplitude	
			h.	m.	s.		A _e	A
364	Dec. 2	eP _E	9	51	19	3		
		eP _N	9	51	23	3		
		S _E	9	57	47	15		
		S _N	9	57	48	17		
		L _H	10	03	02	21		
		L _E	10	03	10	16		
		M _N	10	03	55	15		.6 mm.
		F _E	10	51				
365	Dec. 4	eP _N	11	59	47	3		
		eP _E	12	00	25	3		
		eS _N	12	08	43	10		
		eS _E	12	08	50	9		
		L _E	12	09	45	15	1 mm.	
		M _N	12	34	10	19		1.5 mm.
		M _E	12	34	20	18	1.3 mm.	
		F	12	15				
366	Dec. 6	P _E	8	48	33	3		
		P _N	8	48	35	3		
		eS _N	8	54	02	6		
		eS _E	8	54	03	7		
		M	9	00	33	15	4.2	7 mm.
		M _E	9	01	09	10	4	
		M _N	9	01	18	9		6
		F	9	59				
367	Dec. 6	e	12	19		5		
		M	12	22	15	5	.5 mm.	
		L _E	12	24	45	11		
		F	12	31				
368	Dec. 9	eL _E	18	40		25		
		F _E	19	02				

Time clock not in

Microseisms

P. G. Sheldon

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SEISMOGRAPH STATION



90
2218

CORNELL UNIVERSITY, DEPARTMENT OF GEOLOGY

Latitude of station 42° 26' 58" N. Longitude 76° 29' 09" W. Elevation above sea 242.6 metres.

Time : Mean Greenwich, midnight to midnight. Nomenclature : Göttingen.

Instruments : Two Bosch-Omori horizontal pendulums (25 kgm., Mechanical registration.)

From to December 31, 1918.

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
369	Dec. 9	eP?	19	12		4			Time marker not working. Times estimated
		eL?	19	27	15	13			
		L _E	19	30		14			
		F _E	20	11					
370	Dec. 21	eP _N	9	33	26	3			
		S _E	9	39	14	6			
		e _E	9	42	30	5			
		L _E	9	44	15	26			
		F _E	10	00					
371	Dec. 23	e _E	19	54	15	6			
		L _E	19	59	11	25			
		F _E	20	22					

P. G. Sheldon

Observer.