

SEISMOGRAPH STATION

1924



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 January 1, 1924 to February 29, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
637	Jan. 14	eS	21	14					
		L	21	41	28				
		L	21	52	18				
		F	22	12					
638	Jan. 29	P	02	06	07				
		S	02	15	22				
		L	02	30	28				
		L	02	36	22				
		F	03	10					
639	Jan. 30	eP	20	59	45				Microseisms. S may begin at 21:04:23.
		eS	21	03	58				
		SL	21	06.8					
		L	21	07.6	16				
		F	21	26					
640	Feb. 24	eL	06	05					
		F	06	30					

P. S. Sheldon

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From March 1, 1924 to March 31, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
641	Mar. 4	P	10	14	26	16			
		S	10	19	50				
		L	10	22.1					
		M	10	26					
		F	11	48					
642	Mar. 4	eS	11	55	45	31 16			
		eL	11	58.3					
		L	11	59.5					
		M	12	02					
		L	13	04					
		F	13	09					
643	Mar. 11	φe?	10	47	45	22 15			
		e	10	48.7					
		e	10	53 15					
		e	10	55 36					
		i	10	56 27					
		eL	10	58.5					
		M	10	59.5					
F	11	34							
644	Mar. 15	L	11	13		16 18			Earlier phases lost in changed sheets.
		F	11	18					
		L	11	47					
645	Mar. 22	L	13	24		22			
		F	13	34					
646	Mar. 24	e	20	37	02	17			
		e	20	43.9					
		L	20	47.5					
647	Mar. 25	F	21	26		18			
		i	14	14	55				
		eS	14	19					
		eL	14	24					
648	Mar. 25	F	15	05					
		e	15	11					
		e	15	15.6					
649	Mar. 30	e	15	18		22			
		L	15	21.5					
		F	16	10					
		L	0	28					
		F	1	15					

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From April 1, 1924 to April 30, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
650	Apr. 13	e	15	10.5					
		F	15	18					
651	Apr. 14	o	16	41	44				
		o	16	42.8					
		e	16	44	23				
		i	16	46	49				
		e	16	48	34				
		e	16	52					
		e	16	59		48			
		e	17	03.6		35			
		eL	17	17		50			
F	21	55							
652	Apr. 21	eP?	20	07	30				
		i	20	08	11				
		S?	20	12	20				
		eL	20	14.5					
		L	20	17.5		40			
		F	20	54					

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From May 1, 1924 to May 31, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
653	May 1	eP	20	00	47	30			
		S	20	06	28				
		L	20	10.5					
		F	21	11					
654	May 6	e	16	29	50	16			
		e	16	46					
		eL	17	00					
		L	17	25					
		F	17	48					
655	May 21	L	01	45	11				
		F	01	53					
656	May 21	e	10	24	12	20			
		L	10	30.6					
		F	10	45					
657	May 27	eP	10	19	37				
		S	10	23	41				
		F	10	35					
658	May 28	i	10	13	48				
		F	10	49					

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From June 1, 1924 to June 30, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
659	June 4	e	16	21		24			
		eL	16	25					
		L	16	28					
		F	17	01					
660	June 14	e	12	34		12			
		F	12	39					
661	June 18	eL	17	47					
		F	17	56					
662	June 26	eP	01	57	05				
		e	02	00	15				
		e	02	10	25				
		e	02	19			35		
		e	02	24.5			24		
		L	02	39			40		
		L	02	45			36		
663	June 30	P	15	56	44				
		S	16	06	54				
		L	16	22			28		
		L	16	29			28		
		F	17	14					

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From July 1, 1924 to July 22, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
664	July 1	eL F	3	47					
665	July 3	e e L L F	4	57	44				
			5	05	26				
			5	28		23			
			5	34					
			6	27					
666	July 6	P PR ₁ PR ₂ S L L L F	14	25	43				
			14	28	46				
			14	27	04				
			14	31	19				
			14	35		23			
			14	37		16			
			14	42					
			15	03					
667	July 11	eP eS L L L	19	59	07				
			20	09	05				
			20	32		35			
			20	48		22			
			21	59					
668	July 12	eS eL L F	15	38	22				
			16	02		20			
			16	11		14			
			16	37					
669	July 15	i e F	0	12	06				
			0	12	23				
			0	15					
670	July 22	P S e L F	4	12	14				
			4	18	30				
			4	21	48				
			4	23.3					
			4	46					

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From to July 31, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
671	July 23	L	15	33					
		F	15	43					
672	July 24	eP	5	14	50				
		PR ₁	5	17	48				
		PR ₂	5	19	48				
		e	5	28.9					
		e	5	30.7					
		eL ?	5	37					
		L	5	54		62			
		L	6	07		22			
F	7	04							

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From August 1, 1924 to August 31, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
673	Aug. 10	L	7	05					
		L	7	12	20				
		L	7	18	18				
		F	7	41					
674	Aug. 13	i	13	50	49				
		eL	14	05					
		L	14	09	20				
		F	14	30					
675	Aug. 14	e	18	18	59				
		S	18	26	25				
		e	18	33.6					
		L	18	48	22				
		L	19	05	18				
		F	20	25					
676	Aug. 25	e	14	46	31				
		S	14	53.3					
		L	15	24					
		F	15	48					
677	Aug. 25	e	23	28					
		e	23	32					
		e	23	35					
		e	23	43					
	26	F	0	05					
678	Aug. 30	eP	3	25	55				
		eS	3	35	31				
		e	3	41	21				
		L	3	52	16				
		L	4	01	32				
		L	4	11	23				
		F	5	16					

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No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
679	Sept 13	eP	14	46	34				
		S	14	56	37				
		L	15	12	35				
		L	15	18	27				
		F	17	04					
680	Sept 14	e	13	33.5					
		L	13	49					18
		L	13	55					16
		F	14	14					
681	Sept 17	F	2	09	36				S chiefly sharp vibrations of one-half second period.
		S	2	13	43				
		F	2	25					
682	Sept 30	e	8	55	47				First phase faint and uncertain
		e	8	56	24				
		i	8	56	34				
		F	9	01					

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From October 1, 1924 to October 31, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks	
			h.	m.	s.		A _e	A _n		
683	Oct 8	L	21	25		22				
		L	21	35		20				
		F	22	15						
684	Oct 13	L	13	13		21				
		L	13	17						
		F	13	37						
685	Oct 14	L	5	14		23				
		F	5	42						
686	Oct 17	e	4	42		8				
		M	4	43.5						
		F	5	05						
687	Oct 19	e	15	51		7				
		ME	15	53			10			
		MN	15	55						
		F	16	04						
688	Oct 20	L	0	05		16				
		L	0	07						
		F	0	17						
689	Oct 20	i	20	12	56					
		e	20	17.5						
		e	20	20						
		eL	20	27						
		L	20	30		20				
		L	20	37		18				
		F	21	29						

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From November 1, 1924 to December 31, 1924

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
690	Nov. 1	L	5	13	10				
		F	5	44					
691	Nov. 13	L	9	39	15				
		L	9	47	16				
		F	9	56					
692	Dec. 16	eL	21	15	10				
		F	21	20					
693	Dec. 17	e	6	05	9				
		e	6	08	7				
		e	6	10	10				
		F	6	14					
694	Dec. 28		23						

The seismograph was not in operation during most of the period from Dec. 21, 1924 to Jan. 15, 1925. Sheets for Dec. 28 show a distant earthquake but the time records are too imperfect for a reading.

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