

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 Jan. 1, 1921. to Jan. 31, 1921

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
475	Jan. 8	S	6	42	38	4			
		eN	6	43	46	3			
		S?	6	47	53	7			
		e	6	50		4			
		L	6	54	45	19			
		F	7	00					
476	Jan. 9	S	13	12	23	6			
		eL	13	29.5		20			
		F	13	38					
477	Jan. 20	eL	21	22		20			
		F	21	30					

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From to

No.	Date	Phase	Time h. m. s.	Period T sec	Amplitude		Remarks
					A _e	A _n	
478	Feb. 19	eS eS	8 28 50 8 34.3	4 10			
		L F	8 37.5 9 36	36			
479	Feb. 19	L F	19 20.5 19 50	22			
480	Feb. 21	e F	11 59 23 12 05	10			May be microseisms
481	Feb. 21	S? eE L LN LN F	16 09 31 16 12 04 16 15 33 16 35 35	8 10 15 9			Earlier phases overrun by strong microseisms Lost in microseisms.
482	Feb. 21	e e F	19 43 22 19 46 41	5 7			Merges into L waves having a period of 10-12 sec. Lost in microseisms
483	Feb. 27	eP eN S? iE LN F	18 42 03 18 49 18 51 37 18 57 39 19 09 25 20 58	5 9 24 43			

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From March 1, 1921. to March 31, 1921.

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
484	Mar. 6	e	7	36.6		4			
		eL	7	41	30	14			
		L	7	42	23	15			
		F	8	17					
485	Mar. 12	eS?	10	38.5		4			
		eL	10	46	55	24			
		F	11	07					
486	Mar. 21	e	4	14	07	4			
		e	4	20	07	7			
		e	4	24	12	5			
		L	4	26	23	16			
		F	4	40					
487	Mar. 24	eL	10	22	52	17			
		F	10	54					
488	Mar. 24	S _H	14	53	24	4			
		eS	15	03	02	5			
		e	15	11.6		21			
		eL	15	20		22			
		F	15	53					
489	Mar. 25	e	0	44		3			
		e	0	47		5			
		eL	0	48.8		3-12			
		F	1	04					
490	Mar. 28	P	7	55	27	4			
		13	8	00	35	11			
		eL	8	03	57	30			
		F	9	22					
491	Mar. 30	L	16	41		24			
		F	16	52					

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From April 1, 1921. to April 30, 1921.

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
492	Apr. 1	S?	5	08		5			
		eL	5	19		24			
		F	5	46					
493	Apr. 10	e	13	53	38	5			
		eL	13	59	25	11			
		F	14	52					
494	Apr. 12	e	7	46	10	5			
		e	7	49	00	4			
		L	7	49	44	12			
		F	8	11					

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From May 1, 1921 to July 31, 1921.

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks	
			h.	m.	s.		A _e	A _n		
495	May 1	eP	5	46	15	5				
		eS	5	50.7						
		eL	5	56.5						
		L ^B	6	00	10					13
		F ^B	6	43						
496	May 14	eL	21	23.5	17					
		F	21	53						
497	May 14	eP	22	17	3					
		eL	22	27.7					4	
		LN	22	30						23
		F	22	48						
498	May 28	e	21	10.5	4					
		eL	21	12					29	4
		F	21	28						
499	June 17	e	8	26						
		F	8	40						
500	June 25	e	2	24.8	5					
		L	2	28					25	13
		F	2	46						

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From July 8, 1921 to Sept. 30, 1921

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
501	July 8	e	10	58.2		5			
		e	11	02.1		4			
		L	11	03	24	12			
		F	11	12					
502	Aug. 19	e	8	40.3		6			
		F	8	49					
503	Aug. 23	eS	20	31.3		10			
		eL	20	38		20			
		F	20	01					
504	Sept. 8	e	19	40.6		4			
		o	19	41.5		5			
		e	19	43	35	8			
		F	19	49					
505	Sept. 11	P	4	21	44	3			
		PR ₁	4	25	18	4			
		eL ₁	5	05	28	37			
		L	5	28		28			
		F	6	10					
506	Sept. 13	e	3	02 ⁰²		5			
		eL	3	38.5		19			
		L	3	48		20			
		F	4	01					
507	Sept. 19	L	4	41		17			
		F	5	10					
508	Sept. 20	L	0	15		21			
		F	0	53					

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From **Oct 1, 1921** to **Oct. ³¹~~20~~, 1921**

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
509	Oct. 15	L	5	51		20			
		L	5	58		22			
		F	6	20					
510	Oct. 20	eP	6	13	35				
		i	6	14	05	3			
		e	6	18.5		5			
		e	6	21	53	3			
		i	6	22	46	6			
		L	6	29.5		20			
		F	7	08					

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From Nov. 1, 1922 to Dec. 31, 1921.

No.	Date	Phase	Time			Period T sec.	Amplitude		Remarks
			h.	m.	s.		A _e	A _n	
511	Nov. 2	L	8	31.5	20				
		F	8	35					
512	Nov. 11	ePE	18	56.8	4				
		eE	19	08	6				
		eE	19	13	6				
		eNE	19	14	10				
		eLE	19	30	20				
		L	19	45	24				
		e	19	56.3	5				
		F	20	47					
513	Nov. 15	eP	20	49.5	4				
		PR ₁	20	53 34	5				
		eN	20	55.5	4				
		iS	20	59 53	6				
		eL	21	24	20				
		F	21	47					
514	Dec. 18	P	15	37 20	4				
		S	15	43 18					
		M	15	43 33	7	4.4 mm.			
		M _E	15	46 13	7	4.4 mm.			
		F	16	13		3.7 mm.			

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