International Seismological Centre From the ISC collection scanned by SISMOS

ROYAL OBSERVATORY 2 APR 1934 EDINBURGH

H A R V A R D U N I V E R S I T Y

SEISMOGRAPH STATION - DIVISION OF GEOLOGICAL SCIENCES

CAMBRIDGE, MASSACHUSETTS, USA

Latitude = 42° 22' 36" North
Longitude = 71° 06' 59" West
Height = 5.367 Meters
Foundation: Glacial sand over clay
Time: Mean Greenwich, midnight to midnight
Accuracy ±.5 sec.
L. Don Leet, seismologist in charge

INSTRUMENTS

Milne-Shaw horizontal pendulumns numbers 43 and 44; phogographic registration; magnetic damping; paper speed 8 mm/minute; mass 1 lb. Period 12.0 seconds; magnification 250; damping ratio 20:1; recording N-S and E-W components.

Owing to location in the basement of the Geological Museum, the instruments were subject to local artificial disturbances, which obscured small traces from 12h to 23h on week-days.

BULLETIN No. 15

1932 Nov. 19 to 1933 Mar. 30
by F. A. Rogers, observer

DATE	PHASE	TIME	DIST	REMARKS
1932 Nov. 26	e	04-47-20	92.5°	CS gives:
	i (S)	48-09		O = 04-24-03
	i	49-03		45° N
	eL	05-05-48		135° E
29	O	11-11-15	70°	St. Louis gives:
	eP	22-38		H = 11-11-20
	ePR_1	25-27		28° S
	ePR_2	26-12		68° W
	iS	31-59		
	eSR_1	33-08		
	eSR_2	40-20		
	eL	43-50		

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DATE	PHASE	TIME	DIST	REMARKS
1932 Dec. 2	eL	07-18		
4	0	04-03-52	28.3°	St. L gives:
	eP	09-53		H = 04-03-59
	ePR_1	10-20		38° N
	iS	14-44		35° W
	eSR_1	15-23		
	eL	16-44		
4	e	08-28-55		
	e	30-55		
	e	33-03		Ottawa gives:
	i	34-12		0 = 08-10.9
	e	42-44		14,470 km
	e	46.3		
	e	50.8		
	$e(SR_1)$	55.8		
	eL	09-11-ca		
4	eL	11-45		Beginning lost in preceding quake
4 to 5		17h 15h		No records
7	0	(16-23-05)	34.5°	CS gives:
	eP	(29-50)		0 = 16-22.1
	ePR_1	30-35		18° N
	eS	35-16		103.5° W
	eSR_1	37-00		
	eL	38.5		
9	i(S)	08-52-32		CS gives:
	i	54-21		0 = 08-34-57
	eL	09-05-ca		14° S
				74° ± W
9 to 10		17h 16h		
10	e	11.2h ca		faint trace
18	e	06.5h ca		faint trace
19	e	06-40-ca		CS gives:
	e	43-00		0 = 06-28-31
	eL	45-45		12.5° N
				93° W
20	e	08-59.5 ca		faint trace
23		06.5h to 20h		No records

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HARVARD UNIVERSITY SEISMOGRAPH STATION

Cambridge, Massachusetts, USA

Latitude = 42° 22' 36" North
Longitude = 71° 06' 59" West
Height = 5.37 meters

SUPPLEMENT TO BULLETIN NO. 15

1932 Dec. 21 E-W record only

H	06-10-44	31.6°	St. Louis gives
eP	17-11		H - 06-10-08
iP	-15		38.1° N
ePR1	18-14		118.5° W
iPR2	-42		
iS	22-28		
iSR1	25-38		
iL	28-48		

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DATE	PHASE	TIME	DIST	REMARKS
1932 Dec. 25	0	02-05-21	87.8°	CS gives:
	iP	18-27		0 = 02-04-33
	iPR_1	22-17		33° N
	iPR_2	24-36		96.5° E
	e	26-36		
	iS_cP_cS	28-58		
	iS	29-21		
	iSR_1	34-55		
	iSR_2	39-17		
	eL	44-19		
26	e	05-21-39		
	eL	24-03		
31	e	07-20 ca		
	eL	28.5		
1933 Jan. 1	e	09-26 ca		
	eL	46.5		
3	e	16.2h ca		
4	e	01-49-30		
	e	58		
	eL	02-15-22		
4	$e(PR_1)$	04-09-48	47.5°	CS gives:
	ePR_2	10-37		0 = 03-59.5
	eS	14-52		62° N
	eSR_1	17-56		148° W
	eL	20-18		
4	e	21.5h ca		
5	e	07-06.5		
	eL	09-15		
	iL	-38		
7	i	04-30-30		
	e	33-57		
	e	40-24		
	eL	47.5		
8	e	01.3 ca		No time marks
12	eL	01-36.5		
18	e	09-01.3		
	eL	15 ca		
21	e	19-40-13	140° ca	CS gives:
	e	42-18		0 = 19-20-8
	ePR_1	43-31		37° S
	ePPS	56-05		59° E
	eSR_1	20-01-58		
	eSR_2	06.5		
	e	17.5		
	e	20-20		
	e	27.5		
	eL	31 ca		

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DATE	PHASE	TIME	DIST	REMARKS
1933 Jan 23		19.5 h		No records
to 25		17.5 h		
27	e	23-04.7		CS gives:
	e	05.8		0 = 22-16-7m
	e	10.5		14° S
	eL	25.3		171° W
Feb 3	eL	22-57.3		
13	eL	04-37 ca		faint trace
15	eL	06-23.5		" "
19	eL	09-35.5		" "
20	N-S component moved to Oak Ridge Observatory			
23	0	08-09-32	60.2°	CS gives:
	iP	19-44		0 = 08-09-25
	e	21-10		19° S
	ePR_1	23-12		69° W
	iS	28-04		
	iPS	-59		
	eSR_1	32-10		
	eL	34-47		
27		14 h		
to 28		19 h		No records
Mar 2	e?	17-44.2		CS gives:
	e	45.5		0 = 17-31.0
	e	47		39.5° N
	e	51.5		143.2° E
	i(S?)	54.6		
	eL	18-01.5		
3	e	10-02.5		
11	0	01-53-07	33.6	Vicinity of Long
	eP	02-01-25		Beach, Cal.
	ePR_1	02-09		CS gives:
	eS	07-16		0 = 01-54.2
	eSR_1	10-57		33° 40' N
	eL	12.5		118° 02' W
11		17.5 h		
to 12		16 h		No record
14	e	01.8		
15	e	05-58		
17	e	15.8h		
17	e	20.3h		
18	e	03-40.5		
	eL	58		
28	e	04-37.6		
	e	38.6		
	eL	46.1		

1933 Mar. 30 Cambridge, Mass., station closed permanently.
Instruments transferred to Oak Ridge observatory,
Latitude = 42°- 30'- 26" North, Longitude 71°- 33'-45" West
(see Bull. 16)