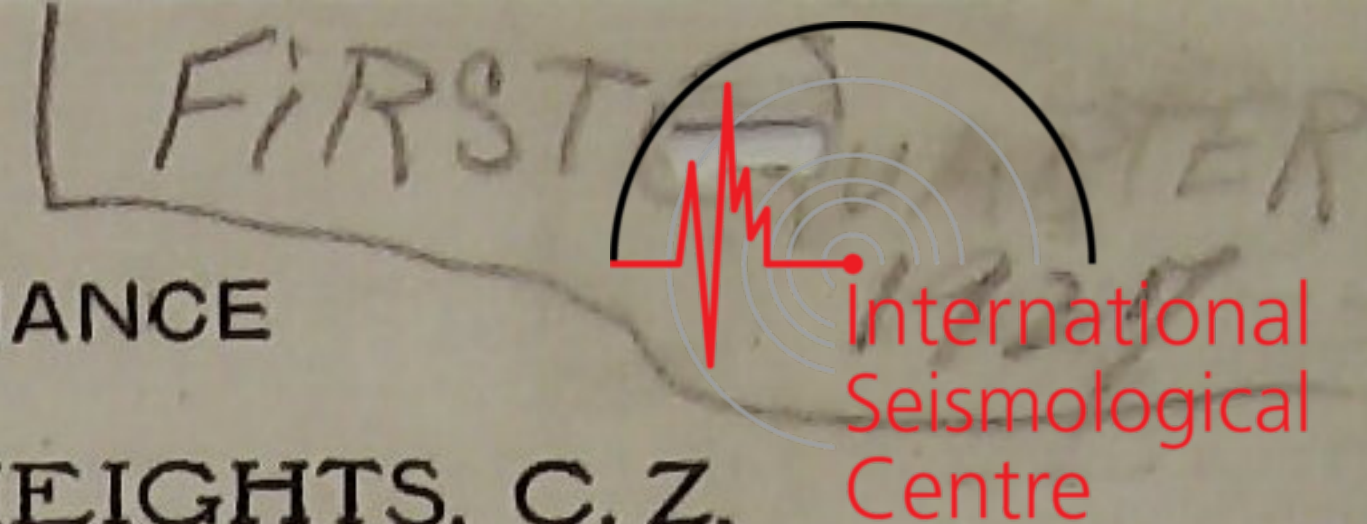


THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month January Year 1927Latitude $8^{\circ} 57' 39''$ north.**N - S - 100-K**Longitude $79^{\circ} 33' 29''$ west.**Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END	MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.				
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	21	3:01:59	3:02:16	3:02:51	3:03:40	3:08:32	4.0	20)			
19	21	3:48:09	3:48:31	3:48:50	3:49:03	3:51:08	2.3	20)			
20	21	4:00:18	4:00:37	4:00:56	4:01:25	4:04:07	7.0	20)			
21		9:33:55	9:33:53	9:34:17	9:34:48	9:39:58	12.0	20	)			Distance about 115 miles; Direction probably southwest
22												
23												
24		15:20:36	15:21:17	15:21:23	15:21:37	15:23:47	2.9	20				Distance about 500 mi. Direction probably N.W.
25												
26												
27												
28		Slight disturbance between 13:01:08 and 13:03:50								20		Distance and direction unknown.
29												
30												
31												

P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month January Year 1927

Latitude 8° 57' 39" north.

E-W - 100-Kilogram

Longitude 79° 33' 29" west.

Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
¹⁸ 21	3:01:52		3:02:09		3:02:49		3:03:29		3:09:07		7.0	20	Distance about 115 miles Direction probably S.W.
¹⁹ 21	3:48:04		3:48:22		3:48:42		3:48:52		3:52:41		3.0	20	Distance about 115 miles Direction probably S.W.
²⁰ 21	4:00:12		4:00:30		4:00:50		4:01:16		4:05:20		10.4	20	Distance about 115 miles Direction probably S.W.
21	9:33:30		9:33:48		9:34:10		9:34:34		9:40:52		46.0	20	Distance about 115 miles Direction probably S.W.
22													
23													
24	15:20:38		15:21:18		15:21:23		15:21:35		15:23:48		2.0	20	Distance about 300 miles Direction probably N.W.
25													
26													
27													
28	Slight disturbance between 13:01:06 and 13:03:59 -										20	Distance and direction Unknown	
29													
30													
31													

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.
(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



Month February Year 1927

Latitude 8° 57' 39" north. N-S-100 K
Longitude 79° 33' 29" west. Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.			
1													
2													
3													
4													
5	23	14	23	14	23	15	23	15	23	19	9.2	20	Distance about 125 mi. Direction probably s.w.
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE

SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month February Year 1927Latitude $8^{\circ} 57' 39''$ north. E-W-100 K
Longitude $79^{\circ} 33' 29''$ west. Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5	23:14:13		23:14:33		23:14:57		23:15:00		23:19:42		9.0	20	Distance about 125 mi. Direction probably s.w.
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.
(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



Month March Year 1927

Latitude 8° 57' 39" north.

N-S-100-K

Longitude 79° 33' 29" west.

Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9	16:13:25		16:14:32		16:14:52		Pen jump- ed drum		16:27:57		-	20	Distance about 200 mi. Direction W or S W
10													
11													
12													
13													
14													
15	10:59:02		10:39:38		10:39:43				10:46:37		38.0	20	Distance about 200 mi. Direction probably S W
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors. L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month March Year 1927Latitude 8° 57' 39" north. **E - W - 100-K**
Longitude 79° 33' 29" west. **Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9	16:13:24		16:14:32		16:14:40		16:15:24		16:28:00		36.0	20	Distance about 200 mi. Direction W. or S.W.
10													
11													
12													
13													
14													
15	10:39:05		10:39:41		10:39:53		10:40:13		10:47:00		24.0	20	Distance about 200 mi. Direction probably S.W.
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors. L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



N-S- 100 K

Month April Year 1927

Latitude 8° 57' 39" north.

Longitude 79° 33' 29" west.

Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14	6:28:56		6:35:11		6:35:26		6:35:33		7:10:00		5.6	20	Distance about 2500 miles, direction south.
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



E W 100 K

Month April Year 1927

Latitude 8° 57' 39" north.

Magnification 35

Longitude 79° 33' 29" west.

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14	6:28	54	6:35	17	6:35	30	6:35	42	7:11	30	2.9	20	Distance about 2500 miles, direction south
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE

SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month May Year 1927Latitude 8° 57' 39" north. **N-S-100K**Longitude 79° 33' 29" west. **Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

Distance about 9500
miles. Believed to be
in China.

P. T. Preliminary tremors. L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month May Year 1927Latitude 8° 57' 39" north. **EW-100K**
Longitude 79° 33' 29" west. **Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													Disturbance recorded, but time marking device not working
23													Distance about 9500 miles. Believed to be in China.
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



International
Seismological
Centre

100-K N-S

Month June Year 1927

Latitude 8° 57' 39" north.

Longitude 79° 33' 29" west.

Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.			
1													
2													
3	7:29:40		7:30:06		7:31:07		7:31:01	7:47:10	7:47:10		0.7	20	Distance and direction unknown.
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors. L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL
 DEPARTMENT OF OPERATION AND MAINTENANCE
 SECTION OF METEOROLOGY AND HYDROGRAPHY
REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.
 (AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



Month June Year 1927

Latitude $8^{\circ} 57' 39''$ north. **100K-E-W**
 Longitude $79^{\circ} 33' 29''$ west. **magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END	MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>mm.</i>		sec.
1												
2												
3	7:29:45		7:30:11		7:31:10		7:31:12		7:46:00	0.6	20	Distance and direction unknown.
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

P. T. Preliminary tremors, L. W. Large waves,
 Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



Month August Year 1927

Latitude 8° 57' 39" north. **N - S - 100-K**
Longitude 79° 33' 29" west. **Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	1:35:36	1:36:26	1:36:34		Pen off		2:26:00	80+	20				Distance, about 250 miles
10	9:54:36	9:55:00	9:55:12	9:55:15	10:01:00	2.6	20						Direction probably W.
10	17:58:54	17:59:30	17:59:44	17:59:46	18:08:30	2.8	20						Distance about 250 miles
10													Direction probably W
13													
14													
15													
16													
17													
18													
19													
20	23:56:15	23:57:03	23:57:43	23:57:47	.....								Distance about 250 miles
21	.....	.....	.....	.....	0.45:00	45	20						Direction probably S.W.
21	10:20:55	10:21:43	10:22:09	10:22:21	10:40:00	3	20						Distance about 250 miles
21	2:53:12	2:54:02	2:54:26	2:55:02	3:04:00	2	20						Direction probably S.W.
24													
25													
26													
27													
28													
29													
30													
31													

34.5

P. T. Preliminary tremors, L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month August Year 1927

Latitude 8° 57' 39" north.

E - W - 100-K

Longitude 79° 33' 29" west.

Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	1:36:00		1:36:40		1:36:51		Pen off		2:14:00		80 ↓	20	Distance about 250 miles
10	9:54:40		9:55:18		9:55:34		9:55:37		9:01:33		2.2	20	Direction probably W. Distance about 250 miles
10	17:58:54		17:59:26		17:59:40		17:59:42		18:07:14		2.2	20	Direction probably W. Distance about 250 miles
13													
14													
15													
16													
17													
18													
19													
20	23:56:13		23:56:57		23:57:09		Pen off		.....				Distance about 250 miles
21	.....		.....		.....		.....		0:34:00		80 ↓	20	Direction probably S.W.
21	10:20:51		10:21:41		10:21:51		10:22:27		10:37:00		8	20	Distance about 250 miles
22	2:53:24		2:54:16		2:54:22		2:54:46		3:03:00		3.5	20	Direction probably S.W. Distance about 250 miles
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month September Year 1927Latitude $8^{\circ} 57' 39''$ north.
Longitude $79^{\circ} 33' 29''$ west.**N-S-100K**
Magnification 55

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.			
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	21:06:38		21:06:51		21:06:58		21:07:01		21:09:50		0.5	20	Distance about 70 miles Direction ?
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

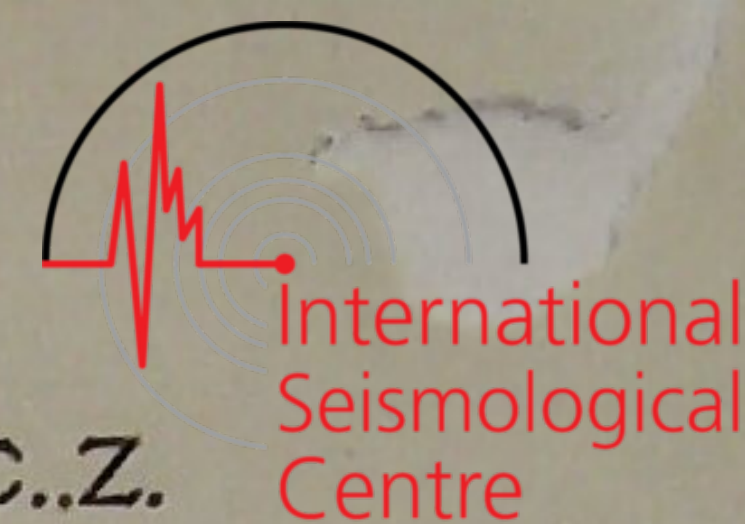
P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C.Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month September Year 1927Latitude 8° 57' 39" north. **E-W-100K**Longitude 79° 33' 29" west. **Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>	<i>h.</i>	<i>m.</i>				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													See N-S Report - Very faint tremors.
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors. L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month October Year 1927Latitude $8^{\circ} 57' 39''$ north. **N-S - 100-K**
Longitude $79^{\circ} 33' 29''$ west. **Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.			
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													Very slight tremors between 3:52:48 and 3:57:10
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24	16:14:04		16:23:44		16:35:04		16:40:40	17:17:00		1.5	20		Distance about 5200 mi. Direction NW -- Alaska.
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors. L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



Month October Year 1927

Latitude 8° 57' 39" north.

E-W - 100-K

Longitude 79° 33' 29" west.

Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24	16:15:06		16:25:46		16:34:46		16:38:14		17:14:00		1.1	20	Distance about 5200 miles Direction N W - Alaska
25													
26													
27													
28													
29													
30													
31													

Very slight tremors between 3:52:04 and 3:57:04

P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month November 1927 Year _____

Latitude 8° 57' 39" north. N-s 100-K

Longitude 79° 33' 29" west.

Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													Very slight tremors between 6:27:52 and 6:28:02
7													
8													
9													
10													
11													
12													
13													
14													Slight tremors from distant disturbance between 7:26:32 and 8:14:00
15													
16													
17													Very faint tremors between 21:30:00 and 21:32:00
18													
19													
20													22:25:04 --- --- 22:26:04 22:28:04 0.4 20 Direction ? Distance ?
21													Very faint tremors from 0:54:00 to 0:56:00
22													Very faint tremors recorded from 18:55:00 to 19:05:00
23													Slight tremors from very distant disturbance from 23:21:00 (22d)
24													
25													
26													
27													
28													Slight tremors between 6:23:20 and 6:24:32
29													
30													Very slight tremor at 16:43:09
31													

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month November Year 1927Latitude 8° 57' 39" north. E-W 100-KLongitude 79° 33' 29" west. Magnification 35

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

Very slight tremors between 6:27:52 and 6:28:02

Slight tremors from distant disturbance between 7:26:32 and 8:14:00

Very faint tremors between 21:30:00 and 21:32:00

22:25:24 — — 22:26:00 22:27:40 0.5 20 Direction ?
Distance ?

Very faint tremors from 0:54:00 to 0:56:00

Very faint tremors recorded from 18:55:00 to 19:05:00

Slight tremors from very distant disturbance from 23:21:00 to 0:30:00 (22d)

Slight tremors between 6:23:20 and 6:24:32

Very slight tremors at 16:43:09

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.
(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)



Month December Year 1927

Latitude 8° 57' 39" north. **N-S-25K**
Longitude 79° 33' 29" west. **Magnification 10**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8	4:20:00		-		4:20:14		4:20:16		4:23:56		0.2	20	Distance ?
9													
10													
11	20:57:18		20:57:32		20:57:34		20:57:38		21:08:00		10	20	Distance about 90 miles Direction W. INTENSITY V or VI
12													
13													
14													
15	No trace - see 100 K Report												
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month December Year 1927Latitude 8° 57' 39" north. **E-W-25K**Longitude 79° 33' 29" west. **Magnification 10**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8													Too small to measure - See 100K Report.
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.

THE PANAMA CANAL

DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

REGISTER OF EARTHQUAKES AT BALBOA HEIGHTS, C. Z.

(AS RECORDED BY BOSCH-OMORI SEISMOGRAPH)

Month **December** Year **1927**Latitude 8° 57' 39" north. **E-W-100K**Longitude 79° 33' 29" west. **Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.				mm.	sec.
1													
2													
3													
4													
5													
6													
7													
8	4:19:52		4:20:10		4:20:12		4:20:16		4:23:52		0.5	20	Distance about 100 miles Direction ?
9													
10													
11	20:57:13		20:57:27		20:57:29		Pens thrown off.						INTENSITY V or VI
12													
13													
14													
15	Very slight tremors from 00:01 to 00:11												
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors, L. W. Large waves,
Greenwich mean time five hours faster than 75th meridian time.

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DEPARTMENT OF OPERATION AND MAINTENANCE
SECTION OF METEOROLOGY AND HYDROGRAPHY

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Month December Year 1927

Latitude 8° 57' 39" north. **N-S-100 K**
Longitude 79° 33' 29" west. **Magnification 35**

Greenwich mean time midnight to midnight.

MR 73363

DATE	P. T. COMMENCE		2D GROUP COMMENCE		L. W. COMMENCE		MAXIMUM		END		MAX. AMPLITUDE	PERIOD OF PENDULUM	REMARKS
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	mm.	sec.	
1													
2													
3													
4													
5													
6													
7													
8	4:19:36		-		4:19:52		4:19:58		4:23:02		0.8	20	Direction ?
9													
10													
11	20:57:18		20:57:32		20:57:34		Pens thrown off.						Distance about 90 miles. Direction W. INTENSITY V or VI
12													
13													
14													
15	Very slight tremors from 00:01 to 00:11												
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

P. T. Preliminary tremors. L. W. Large waves.
Greenwich mean time five hours faster than 75th meridian time.