

Jan. 1911.

| | | | | | |
|------|---------------------------|----------|---------|--------|-----------|
| 1st. | 10-29 | 10-46 | 12-44.5 | 0.5mm. | |
| 2nd | 11-5 | 11-40.2 | ? | 0.5 | |
| 3 " | 23-35 | 23-51-01 | 3-5010 | 9.0mm | Turkestan |
| | | 52-52 | | 9.0 | |
| | | 56-45 | | 12.0 | |
| | | 0-1-14 | | 12.0 | |
| | | 3-30 | | 11.5 | |
| | | 8.0 | | 7.5 | |
| | | 13-45 | | 9.0 | |
| | | 22-45 | | 3.0 | |
| | | 26-00 | | 3.5 | |
| 4th | 8-35-30 | 9-45-30 | 10-38 | 0.5 | |
| 7th | 2-33-45 | 3-24-30 | 5-30 | 0.5 | |
| 13 | Tremors for several hours | | | | |
| 16 " | 6-30 | ? | 11-19 | 0.3 | |

February 1911

| | | | | | |
|-----------------|----------|----------|----------|-------|---------------------------------------|
| 8th, 9th, 10th, | Tremors | | | | |
| 11 " | 11-50-30 | ? | 12-5-30 | 0.3mm | |
| 18 " | 18-49-45 | 19-13-53 | ? | 5.0 | End lost in following Ethqe. |
| 18 " | ? | 21-42 | 22-47-30 | 4.0mm | Beginning lost in preceding Ethqe. |
| 23 " | 11-28 | 12-23-30 | 13-14 | 0.5 | |
| 26 " | 12-58-30 | 13-15 | 14-3-30 | 6.0mm | |

Seismological Station

The University, Malta

Milne Seismograph

Lat. 35-53-48

Long. 14-30-50

Alt. 121 ft.

| Date. | Prel. Time. | Max. | End. | Amp. | Remarks |
|---------|----------------|----------------------|----------|--------|---------------------|
| Mar. 2. | 10-6-15 | 10-13-30 | 10-54-30 | 1.5mm. | |
| 1911 2 | 19-24-30 | 19-49 | 20-28 | 0.5 | |
| 5. | ? | 2-53-15 | ? | 0.3 | |
| 11. | 3-32-30 | 3-55-45 | 8-6 | 0.5 | |
| " | 20-45 | 20-49 | 20-56-30 | 0.5 | |
| 19 | 5-2-15 | 5-14-30 | 16-34-30 | 0.3 | |
| 26 | 12-58-15 | 13-1-45 | 13-12-15 | 0.5 | |
| 27 | ? | 6-57 | 6-20-30 | 0.5 | |
| " | 10-23 | 10-25-15 | 10-46-15 | 0.5 | |
| Apr. 1. | 1-2 | 1-30 | 2-10-30 | 2.5mm. | |
| 4. | 15-45-30 | 15-45-30 15-47-30 | 16-19 | 1.0 | <u>Local shock.</u> |
| 5 | ? | 16-30 | ? | 0.3 | |
| 7 | 6-38 | 7-9-20 | 9-28 | 1.0 | |
| 8 | | | | | Tremors. |
| 10. | 19-5 | 19-36-30 | 20-36-30 | 0.5 | |
| 18. | 18-24-30 | 18-53-30 | 20-20 | 1.5 | |

Chach

Seismological Station

Valletta, Malta

Milne Seismograph

Lat.. 35-53-48

G.M.T.

Long.. 14-30-50

Period: 19 secs.

Alt.. 121 ft..

| Date | P.T.. | Max.. | End.. | Amp.. | Dist.. | Remarks |
|--------------------------|-------------------------------|------------------|------------------|---------|--------|--|
| July June | | | | | | |
| 3 rd | 21-5-000 | 21-54 | ? | 0.5 mm | | |
| 7 th | ? | 15-35 | 15-35 | 2.00 mm | | Mexican Ethos. Machine dismounted until 12-55. |
| 14 th to 18th | Machine not working properly. | | | | | |
| 28 th | ? | 20-56-300 | ? | 0.3 | | |
| | 21-17-30 | 21-47-300 | ? | 0.5 | | |
| 23rd, 25th, 30th. | Tremors. | | | | | |
| <hr/> | | | | | | |
| July | | | | | | |
| 1st. | 22-39-30 | 22-54-30 | 23-37-30 | 0.5 mm. | | |
| 4 th | 13-40 | 13-51-45 | 15-55 | 2.5 | | |
| 5 th | 2-25-45 | 2-28-30 | 3-55-20 | 0.5 | | |
| " | 19-3 | 19-15 | 20-13-45 | 0.5 | | |
| 8 th | 1-8-130 | ? | 1-15-30 | 0.3 | | |
| | 3-6-30 | 3-14 | ? | 0.3 | | |
| | 17-41 | 17-47 | 17-58 30 | 0.3 | | |
| 11 th | Tremors. | | | | | |
| 12 th | 4-26 | 4-37 | 10-3-45 | 2.5 | | |
| | | 5-19 | | 2.0 | | |
| | | 6-33 | | 1.5 | | |

C. Leach

Seismological Observatory

Valetta Malta.

Milne Seismograph

Lat. 35-53-48

G.M.T.

Long. 14-30 50

Period 18 sec.

Alt. $1 \frac{1}{2}$

| Date | P.T. | Max. | End | Amp. | Remarks |
|----------|----------|--|--------------|-------|---------|
| July 19. | | Tremors | 19th & 20th. | | |
| 23 | 17-3-0 | 17-15-30 | 19-21-0 | 1 mm. | |
| 27 | | Tremors | | | |
| 29 | 13-27-30 | 13 43 0 | 14-30-0 | 1mm | |
| Aug. 12 | | Earthquake cannot be timed shutter not working | | | |
| 16 | 22-59 | 23-56 | ? | 3mm | |
| 23 | 16-18 | 16-35 | ? | 2.5 | |
| 30 | 14-32 | 14-41- | 15-27 | 0.5 | |
| Sept 3 | | Tremors | 3rd. & 4th. | | |
| 6 | 1-20-30 | 133-45 | 2-5 | 0.5mm | |
| 15 | 12-35-45 | 14-9-0 | 16-2-45 | 2.0 | |
| 17 | 3-53-15 | 5-29-0 | 7-12-0 | 2.5 | |
| 19 | | Tremors | | | |
| 27 | | Tremors | | | |
| 30 | | Earthquake felt in Malta and Gozo at 9-23. Gas turned off at main. Instrument not working. | | | |
| 30 | | Tremors for several hours. | | | |

Cheach

Earthquake Register
The University
Malta

Lat. 35-53-48
Long. 14-30-50
Alt. 121 ft.

Greenwich Time

Date, P. T., May, and Amp.

1911. October 1911

| Date | P. T. | May | and | Amp. | |
|------|----------|----------|----------|---------|------------------|
| 10th | 14-35-43 | 15-9-30 | 16-9-0 | 0.5 mm. | |
| 13 | 3-57-0 | 4-34-0 | 5-29-0 | 1.0 " | |
| 14 | ? | 8-7-0 | ? | .3 " | |
| | 12-50-45 | 13-28-0 | 14-15-30 | 1.0 " | |
| | ? | 17-36-0 | 18-38-15 | 0.5 " | |
| 15 | 5-52-30 | 6-2-30 | 6-15-45 | 1.0 " | |
| | ? | 8-54-0 | 8-54-30 | .5 | Acireale, Sicily |
| 16 | | 15-54-30 | | 1.0 | Felt in Malta |
| 17 | ? | 12-50-45 | ? | 0.5 | |
| | | 12-55-45 | | | |
| 19 | 8-56-15 | 9-39-0 | ? | 0.5 | |
| | 10-32-45 | 10-42-45 | 11-11-30 | 0.5 | |
| 20 | 18-3-45 | 18-28-0 | 20-10-0 | 0.5 | |
| 22 | 22-36-30 | 22-39-20 | 22-50-0 | 0.5 | Brera, nr. Milan |
| 29 | 18-38-0 | 19-13-30 | 20-26-0 | 0.5 | |

December

| | | | | | |
|----|----------|----------|----------|-----|--------|
| 4 | 9-20-30 | ? | ? | 0.3 | |
| | 14-55-0 | ? | 15-24-0 | 0.5 | |
| 6 | 11-25-0 | 12-4-0 | 12-57-15 | 1.0 | |
| 16 | 19-29-15 | 20-16-30 | 22-10-0 | 2.5 | Mexico |
| 18 | 6-15-0 | 6-56-15 | ? | 1.0 | |
| 22 | 6-37-30 | - | 8-53-0 | 0.5 | |

Tremors caused by High Winds. 10"-12", 20"-23",
26"-27" 28"

SEISMOLOGICAL STATION

VALLIETTA MALTA

NOVEMBER 1911

Lat 35-53-48

Long 14-30-50

Alt. 121 ft.

G.M.T.

| Date | P.T. | Max. | End. | Amp. | Remarks |
|--------|----------|----------|----------|------|--------------|
| Nov. 1 | 6-17-15 | 7-3-20 | 7-48-45 | 0.5 | |
| | 9-52-15 | 10-20-30 | ? | 0.5 | |
| 13 | 16-37-30 | 17-12-15 | 18-9-30 | 1.5 | |
| 15 | 21-31-43 | 21-32-10 | 22-18-45 | 2.0 | Felt locally |
| 16 | 21-34 | 21-37 | 21-52-30 | 1.0 | |
| 20 | 14-27-30 | 14-55-30 | 15-30-45 | 0.5 | |
| 23 | ? | 12-55-30 | 14-0-0 | 0.5 | |
| 29 | ? | 12-9-15 | 14-5-00 | 0.5 | |

Tremors on the 2nd, 6th, 20th, 30th.

C. Beach

Officer-in-charge.