



Triest, k.k. maritimes Observatorium.

Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$

$\lambda = 13^{\circ} 46' 4'' E$

Meereshöhe = 55<sup>m</sup>

Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalspiegel Mikroskop (10000x);  
Mikronismograph Vicentini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum           | Phase      | Zeit<br>M. Z. Greenw. |     |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|-----------------|------------|-----------------------|-----|----|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|                 |            | h                     | m   | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| 1.<br>3. Januar | e $\sigma$ | 13                    | 40  | 9  |         |                         |                         |                         |                |             |
|                 | i $\rho$   |                       | 41  | 31 |         |                         |                         |                         |                |             |
|                 | F          |                       | 43  |    |         |                         |                         |                         |                |             |
| 2.<br>5. Januar | $\sigma$   | 4                     | 37  | 7  |         |                         |                         |                         |                |             |
|                 | f          |                       | 39  | 33 |         |                         |                         |                         |                |             |
|                 | m          | }                     |     | 40 | 27      | 6                       | 5                       |                         |                |             |
|                 |            |                       |     | 40 | 51      | 6                       |                         | 6                       |                |             |
| F               |            | 5                     |     |    |         |                         |                         |                         |                |             |
| 3.<br>5. Januar | i $\rho$   | 17                    | 44  | 2  |         |                         |                         |                         |                |             |
|                 | e $\rho$   | 18                    | 6   |    |         |                         |                         |                         |                |             |
|                 | m          | }                     |     | 10 | 21      | 16                      |                         | 10                      |                |             |
|                 |            |                       |     | 10 | 29      | 16                      | 10                      |                         |                |             |
| F               |            | 18                    | 3/4 |    |         |                         |                         |                         |                |             |

N<sup>o</sup> 2

vom 6. Januar

bis 12. Januar

1913



Triest, K.K. maritimes Observatorium

### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$      $\lambda = 13^{\circ} 46' 4'' E$     Meereshöhe = 55<sup>m</sup>    Untergrund: Flyschsandstein

Instrumente: Absolute horizontalependel Wiechert (1000 kg)  
Mikroseismograph Vicentini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.8          | 0.0050            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum              | Phase | Zeit<br>M. Z. Greenw. |                |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km   | Bemerkungen |
|--------------------|-------|-----------------------|----------------|----|---------|-------------------------|-------------------------|-------------------------|--|-------------|
|                    |       | h                     | m              | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |  |             |
| 4.<br>7.-8. Januar | eL    | 23                    | 36             |    |         |                         |                         |                         |  |             |
|                    | m     |                       | 46             |    |         |                         |                         |                         |  |             |
|                    | F     | 0                     | $\frac{1}{2}$  |    |         |                         |                         |                         |  |             |
| 5.<br>8. Januar    | eL    | 3                     | 18             | 9  |         |                         |                         |                         |  |             |
|                    | eL    |                       | 41             |    |         |                         |                         |                         |  |             |
|                    | m     |                       | 50             |    | 18      |                         |                         |                         |  |             |
|                    | F     |                       | $4\frac{1}{2}$ |    |         |                         |                         |                         |  |             |
| 6.<br>11. Januar   | iL    | 13                    | 41             | 26 | 12      |                         |                         | 6.600.                  | Am 11. Januar<br>starke mikro-<br>seismische<br>Störungen. |             |
|                    | iE    |                       | 44             | 58 |         |                         |                         |                         |  |             |
|                    | iN    |                       | 49             | 34 | 20      |                         |                         |                         |  |             |
|                    | eL    |                       | 58             |    | 36      |                         |                         |                         |  |             |
|                    | m     | 14                    | 5              | 8  | 44      | 50                      |                         |                         |  |             |
|                    | F     |                       | 15             |    | 52      |                         | 25                      |                         |  |             |



Türk. k.k. maritimes Observatorium

### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 37' 6''$

$\lambda = 73^{\circ} 46' 4''$

Meereshöhe = 55 m

Untergrund Flyschsandstein

Instrumente: Astronomisches Horizontalpendel (Wiechert (Masse 1000 kg))  
Mikroseismograph Riccati

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12'5"          | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11'3"          | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum  | Phase | Zeit<br>M. Z. Greenw. |       |    | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen |
|--|-------|-----------------------|-------|----|---------|----------------|----------------|----------------|----------|-------------|
|  |       | h                     | m     | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |             |
|  |       | h                     | m     | s  | s       | $\mu$          | $\mu$          | $\mu$          | km       |             |
| 7.<br>15. Januar   | ESL   | 17                    | 16    | 13 | 9       |                |                |                |          |             |
| 8.<br>19. Januar   | ESL   | 17                    | 22'4" |    |         |                |                |                |          |             |
|  | ES    |                       | 27    | 5  |         |                |                |                |          |             |
|  | EL    |                       | 32    |    |         |                |                |                |          |             |
|  | M     |                       | 44    |    | 30      | 30             |                |                |          |             |
|  |       |                       | 47    |    | 26      |                | 12             |                |          |             |
|  | F     | 18                    | 34    |    |         |                |                |                |          |             |
| <p>Während der<br/>Berichtswoche<br/>anwachsene<br/>mikroseismische<br/>Störungen.</p> <p>Berichtsmg zum vorhergehenden Wochenbericht: Das Beben N<sup>o</sup> 5<br/>fiel am 9. Januar 1913 N.H.</p> |       |                       |       |    |         |                |                |                |          |             |



Triest, k.k. maritimes Observatorium.

### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$        $\lambda = 13^{\circ} 46' 4'' E$       Meereshöhe = 55 m      Untergrund: *Pyrochsaufstein*

Instrumente: *Astatischer Horizontalpendel Wäckerl (Masse 1000 kg)*  
*Mikroskopgraph Vicentini*

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum             | Phase            | Zeit<br>M. Z. Greenw. |      |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km                            | Bemerkungen |
|-------------------|------------------|-----------------------|------|----|---------|-------------------------|-------------------------|-------------------------|---|-------------|
|                   |                  | h                     | m    | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |   |             |
| 10.<br>24. Januar | $\sigma$         | 2                     | 31.3 |    |         |                         |                         |                         | Nachtrag zum<br>vorigen<br>Wochenbericht. |             |
|                   | M                |                       | 34.6 |    |         |                         |                         |                         |   |             |
|                   | F                |                       | 39   |    |         |                         |                         |                         |   |             |
| 11<br>24. Januar  | $\sigma$         | 2                     | 42.3 |    |         |                         |                         |                         |   |             |
|                   | M                |                       | 45   |    |         |                         |                         |                         |   |             |
|                   | F                |                       | 46   |    |         |                         |                         |                         |   |             |
| 12<br>27. Januar  | $\sigma$         | 19                    | 43   | 31 |         |                         |                         | 2.540                   |   |             |
|                   | L                |                       | 47   | 39 |         |                         |                         |                         |   |             |
|                   | $\sigma L$       |                       | 51.3 |    |         |                         |                         |                         |   |             |
|                   | M                |                       | 53   | 15 |         |                         |                         |                         |   |             |
|                   |                  |                       | 56   | 10 |         |                         |                         |                         |   |             |
| F                 | 20 $\frac{1}{4}$ |                       |      |    |         |                         |                         |                         |   |             |
| 13<br>31. Januar  | $\sigma$         | 23                    | 42   | 41 |         |                         |                         |                         |   |             |
|                   | L                |                       | 43   | 41 |         |                         |                         |                         |   |             |
|                   | F                |                       | 46   |    |         |                         |                         |                         |   |             |



N<sup>o</sup> 7

vom 10. Februar bis 16. Februar 1913



Triest, K.K. maritimes Observatorium

### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$      $\lambda = 13^{\circ} 46' 4'' E$     Meereshöhe = 55<sup>m</sup>    Untergrund: Flyschsandstein

Instrumente: Asbestisches Horizontalkreuzel Wiechert (Masse 1000 kg)  
Mikroseismograph Riccutini

|                  | V   | T <sub>0</sub> | $\epsilon : 1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|----------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3            | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0            | 0.0049            |
| A <sub>Z</sub> : |     |                |                |                   |

| Datum              | Phase               | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|--------------------|---------------------|-----------------------|----|----|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|                    |                     | h                     | m  | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| 15.<br>13. Februar | e <sub>0</sub><br>F | 16                    | 40 | 45 |         |                         |                         |                         |                |             |
|                    |                     |                       | 44 |    |         |                         |                         |                         |                |             |







Triest, K.K. maritimes Observatorium.

Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$   $\lambda = 13^{\circ} 46' 4'' E$  Meereshöhe = 55<sup>m</sup> Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalspendel Wiedersch (Masse 1000 Kg)  
Mikroskopograph Venturini.

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum         | Phase               | Zeit<br>M. Z. Greenw. |                  |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|---------------|---------------------|-----------------------|------------------|----|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|               |                     | h                     | m                | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| 19<br>6. März | S?<br>ed<br>m<br>F  | 11                    | 21               | 4  | 16-18   |                         |                         |                         |                |             |
|               |                     |                       | 35.6             |    |         |                         |                         |                         |                |             |
|               |                     |                       | 36.2             |    |         |                         |                         |                         |                |             |
|               |                     |                       | 11 $\frac{3}{4}$ |    |         |                         |                         |                         |                |             |
| 20<br>8. März | $\sigma$<br>ed<br>F | 16                    | 26               | 32 |         |                         |                         |                         |                |             |
|               |                     |                       | 36.2             |    |         |                         |                         |                         |                |             |
|               |                     |                       | 17 $\frac{1}{2}$ |    |         |                         |                         |                         |                |             |

N<sup>o</sup> 11

vom 10. März bis 16. März 1913



Triest K.K. maritimes Observatorium.

### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 58' 6'' N$      $\lambda = 13^{\circ} 46' 4'' E$     Meereshöhe = 55<sup>m</sup>    Untergrund: Flyschsandstein

Instrumente: Rotarisches Horizontalspendel Wiechert (Masse 1000 kg)  
 Mikroseismograph Vicentini

|                  | V   | T <sub>0</sub> | $\epsilon : 1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|----------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3            | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0            | 0.0044            |
| A <sub>Z</sub> : |     |                |                |                   |

| Datum          | Phase          | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|----------------|----------------|-----------------------|----|----|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|                |                | h                     | m  | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| 26<br>14. März | e <sup>b</sup> | 8                     | 59 | 4  |         |                         |                         | 3.070                   |                |             |
|                | e              | 9                     | 3  | 4  |         |                         |                         |                         |                |             |
|                | e <sup>f</sup> |                       | 3  | 52 |         |                         |                         |                         |                |             |
|                | i              |                       | 9  | 28 |         |                         |                         |                         |                |             |
|                | e <sup>l</sup> |                       | 15 |    | 36      |                         |                         |                         |                |             |
|                | m              | }                     | 29 | 7  |         | 50                      | 630                     |                         |                |             |
|                |                |                       | 27 | 4  |         | 26                      |                         |                         | 350            |             |
|                | c              |                       | 5  | 44 |         |                         |                         |                         |                |             |
| F              |                | 12                    |    |    |         |                         |                         |                         |                |             |

Triest, K.K. maritimes Observatorium



### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$

$\lambda = 13^{\circ} 46' 4'' E$

Meereshöhe = 55 m

Untergrund: Flyschunterstein

Instrumente: Galaisches Horizontalespendel (1000kg)  
Mikroskopograph. Vertikal

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 275 | 125            | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 114            | 6.5          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum           | Phase | Zeit<br>M. Z. Greenw. | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen |  |
|-----------------|-------|-----------------------|---------|----------------|----------------|----------------|----------|-------------|--|
|                 |       |                       |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |             |  |
|                 |       | h m s                 | s       | $\mu$          | $\mu$          | $\mu$          | km       |             |  |
| 21.<br>17. März | e     | 1 54.9                | 20      |                |                |                |          |             |  |
|                 | ed    | 1 56.4                |         |                |                |                |          |             |  |
|                 | F     | 2 1/2                 |         |                |                |                |          |             |  |
| 22.<br>23. März | ed    | 21 4 43               | 26      | 11             | 23             |                |          |             |  |
|                 | f     | 10 51                 |         |                |                |                |          |             |  |
|                 | m     | 70                    |         |                |                |                |          |             |  |
|                 | F     | 22 1/2                |         |                |                |                |          |             |  |

Triesl, k.k. maritimes Observatorium.



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$      $\lambda = 13^{\circ} 46' 4'' E$     Meereshöhe = 55m    Untergrund: Flugschuttstein

Instrumente: Astatisches Horizontalpendel Wischert (1000kg)  
Mikroskopograph Vicentini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0025            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum    | Phase    | Zeit<br>M. Z. Greenw. |     |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|----------|----------|-----------------------|-----|----|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|          |          | h                     | m   | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| 24.      | $\sigma$ | 3                     | 20  | 8  |         |                         |                         | 3.940                   |                |             |
| 27. März | $\rho$   |                       | 25  | 52 |         |                         |                         |                         |                |             |
|          | eL       |                       | 37  |    |         |                         |                         |                         |                |             |
|          | F        | 4                     | 1/4 |    |         |                         |                         |                         |                |             |



No 15.

vom 7. April

bis 13. April

1913



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Triest k. k. maritimes Observatorium.

### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$

$\lambda = 13^{\circ} 46' 4'' E$

Meereshöhe = 55<sup>m</sup>

Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontales Seismometer (Masse 1000 kg)  
Mikroskopisch Vergrößerung

|                  | V    | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|------|----------------|--------------|-------------------|
| A <sub>N</sub> : | 2.25 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192  | 11.3           | 5.0          | 0.0044            |
| A <sub>Z</sub> : |      |                |              |                   |

| Datum            | Phase        | Zeit<br>M. Z. Greenw. |      |   | Periode | Amplitude               |                         |                         | $\Delta$<br>km  | Bemerkungen |
|------------------|--------------|-----------------------|------|---|---------|-------------------------|-------------------------|-------------------------|---|-------------|
|                  |              | h                     | m    | s |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |   |             |
| 26.<br>7. April  | e $\sigma$ ? | 14                    | 10.9 |   |         |                         |                         |                         |   |             |
|                  | e $\delta$   |                       | 32   |   | 22      |                         |                         |                         |   |             |
|                  | m            |                       | 28.9 |   | 16      | 3                       | 3                       |                         |   |             |
|                  | F            |                       | 15.5 |   |         |                         |                         |                         |   |             |
| 27.<br>9. April  | e $\sigma$   | 18                    | 10.9 |   |         |                         |                         |                         |   |             |
|                  | e $\delta$   |                       | 18.1 |   |         |                         |                         | 5.500                   |   |             |
|                  | e $\delta$   |                       | 37   |   |         |                         |                         |                         |   |             |
|                  | m            |                       | 52   |   | 20      | 7                       | 8                       |                         |   |             |
|                  | F            |                       | 19.5 |   |         |                         |                         |                         |   |             |
| 28.<br>13. April | e $\sigma$ ? | 7                     | 3.2  |   |         |                         |                         |                         |   |             |
|                  | e $\delta$   |                       | 23   |   |         |                         |                         |                         |   |             |
|                  | m            |                       | 36.1 |   | 16-15   | 34                      | 42                      |                         |   |             |
|                  | F            |                       | 8.5  |   |         |                         |                         |                         |   |             |
|                  |              |                       |      |   |         |                         |                         |                         | Berichtigung zu<br>Bericht Nr.<br>Datum des Bebens<br>2. 22 richtig 18.<br>März statt 17. |             |



Triest, k.k. maritimes Observatorium

### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$      $\lambda = 13^{\circ} 46' 4'' E$     Meereshöhe = 55<sup>m</sup>    Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalspendel Weichert (1000 kg)  
Mikroismograph Voicouini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 275 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum            | Phase                   | Zeit<br>M. Z. Greenw. |                                      |          | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen |
|------------------|-------------------------|-----------------------|--------------------------------------|----------|---------|----------------|----------------|----------------|----------|-------------|
|                  |                         | h                     | m                                    | s        |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |             |
| 29.<br>17. April | eL<br>F                 | 9                     | 23                                   |          | 28      |                |                |                |          |             |
| 30.<br>18. April | eL<br>F                 | 14                    | 9                                    |          |         |                |                |                |          |             |
| 31.<br>18. April | e<br>eL<br>F            | 19                    | 26.1<br>47                           |          |         |                |                |                |          |             |
| 32.<br>20. April | eL<br>S<br>eL<br>M<br>F | 3                     | 18 39<br>22 46<br>26<br>28.6<br>30.0 | 14<br>16 | 2       |                |                | 2.5 20         |          |             |



N<sup>o</sup> 17

vom 21. April bis 27. April 1913



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**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ} 38' 9'' N$      $\lambda = 13^{\circ} 46' 4'' E$     Meereshöhe = 55<sup>m</sup>    Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalspiegel Wiechert (1000kg)  
Mikroseismograph Riccaolini

|                  | V   | T <sub>0</sub> | $\epsilon : 1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|----------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3            | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0            | 0.0044            |
| A <sub>Z</sub> : |     |                |                |                   |

| Datum            | Phase | Zeit<br>M. Z. Greenw. |      |    | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen |
|------------------|-------|-----------------------|------|----|---------|----------------|----------------|----------------|----------|-------------|
|                  |       | h                     | m    | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |             |
|                  |       |                       |      |    | s       | $\mu$          | $\mu$          | $\mu$          | km       |             |
| 33.<br>27. April | e     | 10                    | 39.5 |    |         |                |                |                |          |             |
|                  | eL    |                       | 56   |    |         |                |                |                |          |             |
|                  | F     | 12                    |      |    |         |                |                |                |          |             |
| 34.<br>25. April | eL?   | 18                    | 18.5 |    |         |                |                |                | 5.800?   |             |
|                  | eL    |                       | 20   | 53 |         |                |                |                |          |             |
|                  | eL    |                       | 41   |    |         |                |                |                |          |             |
|                  | M     | f                     | 54.7 | 22 | 33      |                |                |                |          |             |
|                  |       |                       | 57.5 | 19 |         |                | 40             |                |          |             |
|                  | F     | 20                    | 1/4  |    |         |                |                |                |          |             |

Triest, k.k. maritimes Observatorium

Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$      $\lambda = 13^{\circ} 46' 4'' E$     Meereshöhe = 55<sup>m</sup>    Untergrund: Flyschsandstein

Instrumente: katalisches Horizontalspiegel Wiechert (Masse 1000 kg)  
Mikroskopische Vergrößerung

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum            | Phase  | Zeit<br>M. Z. Greenw. |               |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|------------------|--|-----------------------|---------------|----|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|                  |  | h                     | m             | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| 35.<br>28. April | e $\sigma$ ?<br>e $\delta$<br>F                  | 19                    | 3             | 39 |         |                         |                         |                         |                |             |
|                  |  |                       | 34            |    |         |                         |                         |                         |                |             |
|                  |  | 20                    | $\frac{1}{4}$ |    |         |                         |                         |                         |                |             |
| 36.<br>29. April | e $\sigma$<br>e $\delta$<br>F                    | 10                    | 53            |    |         |                         |                         |                         |                |             |
|                  |  |                       | 54.3          |    |         |                         |                         |                         |                |             |
|                  |  | 11                    |               |    |         |                         |                         |                         |                |             |
| 37.<br>30. April | e $\delta$<br>F                                  | 0                     | $\frac{1}{4}$ |    |         |                         |                         |                         |                |             |
|                  |  | 1                     |               |    |         |                         |                         |                         |                |             |
| 38.<br>30. April | e $\sigma$<br>e $\delta$<br>e $\delta$<br>M<br>F | 11                    | 46            | 59 |         |                         |                         |                         | 9.400          |             |
|                  |  |                       | 57.4          |    |         |                         |                         |                         |                |             |
|                  |  | 12                    | 4             |    |         |                         |                         |                         |                |             |
|                  |  |                       | 28            |    | 20      |                         | 7                       |                         |                |             |
|                  |  |                       | 30            |    | 18      | 8                       |                         |                         |                |             |
|                  |  | 13                    | $\frac{1}{4}$ |    |         |                         |                         |                         |                |             |



N<sup>o</sup> 24

vom 12. Mai bis 18. Mai

1913



Triest, K. K. maritimes Observatorium

Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$

$\lambda = 13^{\circ} 46' 48'' E$

Meereshöhe = 55<sup>m</sup>

Untergrund: Flyschsandstein

Instrumente: Astatisches Pendel (1000kg)  
Mikroinversgraph Viereck

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 240 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 122 | 11.8           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum   | Phase | Zeit<br>M. Z. Greenw. |     |   | Periode     | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|---------|-------|-----------------------|-----|---|-------------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|         |       | h                     | m   | s |             | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| 18. Mai | e     | 2                     | 33  | 9 | 240<br>E 36 | 1                       | y                       |                         |                |             |
|         | eL    |                       | 53  |   |             |                         |                         |                         |                |             |
|         | m     | 3                     | 2   |   |             |                         |                         |                         |                |             |
|         | f     | 3                     | 3/4 |   |             |                         |                         |                         |                |             |

N<sup>o</sup> 27

vom 19. Mai

bis 25. Mai

1913

Triest, k. k. maritimes Observatorium



### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$

$\lambda = 13^{\circ} 46' 4'' E$

Meereshöhe = 55 m

Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalpendel Wiechert (1000 kg)  
Mikroismograph Vicentini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0058            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum                 | Phase | Zeit<br>M. Z. Greenw. |    |          | Periode         | Amplitude               |                         |                         | $\Delta$<br>km   | Bemerkungen |
|-----------------------|-------|-----------------------|----|----------|-----------------|-------------------------|-------------------------|-------------------------|--|-------------|
|                       |       | h                     | m  | s        |                 | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |  |             |
| 42.<br>20. Mai        | iP    | 16                    | 15 | 16       | 47 <sup>s</sup> | 12                      | 13                      | 70                      | iP in der<br>Minutenlinie des<br>geföhlt in<br>Triest mit<br>Fiume |             |
|                       | iS    |                       | 15 | 23 ± 1   |                 |                         |                         |                         |  |             |
|                       | M     |                       | 15 | 26       |                 |                         |                         |                         |  |             |
|                       | F     |                       | 16 | 9        |                 |                         |                         |                         |  |             |
| 43.<br>24.-25.<br>Mai | eP    | 23                    | 43 | 34       | 18<br>18        | 4                       | 9                       | 4.000                   |  |             |
|                       | eS    |                       |    | 49.8     |                 |                         |                         |                         |  |             |
|                       | eL    | 0                     | 5  |          |                 |                         |                         |                         |  |             |
|                       | M     |                       |    | 26<br>28 |                 |                         |                         |                         |  |             |
|                       | F     | 1                     |    |          |                 |                         |                         |                         |  |             |

Triesl. K. K. maritimes Observatorium.



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$   $\lambda = 13^{\circ} 46' 42''$  Meereshöhe = 55 m Untergrund: Flysch und Stein

Instrumente: Astarisches Kondensationsmikroskop (1000x) Mikrokymograph Klemme 11

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 275 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum   | Phase             | Zeit<br>M. Z. Greenw. |                   |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|---------|-------------------|-----------------------|-------------------|----|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|         |                   | h                     | m                 | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| 29. Mai | P                 | 13                    | 52                | 29 | 16      |                         | 2                       |                         |                |             |
|         | eL                | 14                    | 15                |    |         |                         |                         |                         |                |             |
|         | m                 |                       | 22                |    |         |                         |                         |                         |                |             |
|         | F                 |                       | 14 <sup>3/4</sup> |    |         |                         |                         |                         |                |             |
| 30. Mai | P                 | 12                    | 8                 | 18 | 60      | 45                      | 154                     | 8.700                   |                |             |
|         | iR <sub>2</sub> P |                       | 13                | 30 |         |                         |                         |                         |                |             |
|         | iR <sub>3</sub> P |                       | 15                | 14 |         |                         |                         |                         |                |             |
|         | iP                |                       | 18                | 13 |         |                         |                         |                         |                |             |
|         | eL                |                       | 31                |    |         |                         |                         |                         |                |             |
|         | m                 | {                     |                   | 42 |         |                         |                         |                         |                |             |
|         |                   |                       |                   | 44 |         |                         |                         |                         |                |             |
| C       |                   | 13                    | 10                |    |         |                         |                         |                         |                |             |
| F       |                   |                       | 14 <sup>1/2</sup> |    |         |                         |                         |                         |                |             |





Triest K.K. maritimes Observatorium.

Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38'6'' N$

$\lambda = 13^{\circ} 46'4'' E$

Meereshöhe = 55<sup>m</sup>

Untergrund Flysch anst. Stein

Instrumente: Astatisches Horizontalependel Wägschale (1000 kg)  
Mikroskopograph Riccaudini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum           | Phase                   | Zeit<br>M. Z. Greenw. |       |   | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen                                    |
|-----------------|-------------------------|-----------------------|-------|---|---------|-------------------------|-------------------------|-------------------------|----------------|--|
|                 |                         | h                     | m     | s |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |  |
| 47<br>4. Juni   | $\sigma$<br>eL<br>F     | 10                    | 17.6  |   |         |                         |                         |                         |                | Nachtrag zum<br>vorhergehenden<br>Vorhandsicht |
| 48.<br>14. Juni | eL<br>F                 | 9                     | 0.8   |   | 8       |                         |                         |                         |                |  |
| 49<br>14. Juni  | eL<br>eS<br>M<br>C<br>F | 9                     | 35.25 |   | 3       | 274                     | 35                      |                         | 980            | Am Balken<br>gefühl                            |
| 50<br>14. Juni  | eL<br>F                 | 11                    | 47    |   |         |                         |                         |                         |                |  |
| 51.<br>14. Juni | eL<br>eS<br>eL<br>F     | 12                    | 16.38 |   |         |                         |                         |                         | 730            |  |



Triest k.k. maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$

$\lambda = 13^{\circ} 46' 4'' E$

Meereshöhe = 55<sup>m</sup>

Untergrund: Physchankstein

Instrumente: Astatisches Horizontalependel Wiccherl (1000 kg)  
Mikroseismograph Picardini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 125            | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 113            | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum    | Phase     | Zeit<br>M. Z. Greenw. |     |    | Periode | Amplitude      |                |                | $\Delta$<br>km | Bemerkungen                   |
|----------|-----------|-----------------------|-----|----|---------|----------------|----------------|----------------|----------------|-------------------------------|
|          |           | h                     | m   | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |                |                               |
| 18. Juni | $\sigma$  | 17                    | 26  | 21 |         |                |                |                | 600            |                               |
|          | f         |                       | 27  | 27 |         |                |                |                |                |                               |
|          | F         |                       | 38  |    |         |                |                |                |                |                               |
| 19. Juni | ed        | 0                     | 23  | 7  |         |                |                |                |                |                               |
|          | m         |                       | 24  | 8  | 8       | 1              |                |                |                |                               |
|          | F         |                       | 25  | 3  | 9       |                | 2              |                |                |                               |
| 19. Juni | ed        | 17                    | 24  | 3  |         |                |                |                |                |                               |
|          | m         |                       | 26  | 8  | 9       |                | 4              |                |                |                               |
|          |           |                       | 32  |    |         |                |                |                |                |                               |
| 20. Juni | ed        | 20                    | 4   | 1  |         |                |                |                |                |                               |
|          | F         |                       | 7   | 3  |         |                |                |                |                |                               |
| 22. Juni | $\sigma?$ | 14                    | 12  | 58 |         |                |                |                |                | mikroseismische<br>Störungen. |
|          | ed        |                       | 33  |    |         |                |                |                |                |                               |
|          | m         |                       | 40  |    | 21      |                | 40             |                |                |                               |
|          | F         |                       | 45  |    | 21      | 5              |                |                |                |                               |
|          |           | 15                    | 3/4 |    |         |                |                |                |                |                               |

Nº 26

vom 23. Juni bis 29. Juni 1913

Triest, R.R. Maritimes Observatorium.



### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$   $\lambda = 13^{\circ} 46' 4'' E$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Statistisches Horizontalpendel Wiechert (1000 kg)  
Mikroseismograph Valentini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum          | Phase            | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude      |                |                | $\Delta$                       | Bemerkungen |
|----------------|------------------|-----------------------|----|----|---------|----------------|----------------|----------------|--------------------------------|-------------|
|                |                  | h                     | m  | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |                                |             |
|                |                  |                       |    |    | s       | $\mu$          | $\mu$          | $\mu$          | km                             |             |
| 57<br>26. Juni | eP               | 5                     | 17 | 5  |         |                |                |                | 10.000                         |             |
|                | R <sub>1</sub> S | 5                     | 36 | 4  |         |                |                |                |                                |             |
|                | R <sub>2</sub> S | 5                     | 40 | 7  |         |                |                |                |                                |             |
|                | R <sub>3</sub> S | 5                     | 41 | 8  |         |                |                |                |                                |             |
|                | eL               | 5                     | 43 |    |         |                |                |                |                                |             |
|                | M                | 6                     | 7  |    | 35      | 3              | 30             |                |                                |             |
|                |                  | 6                     | 4  |    | 54      |                |                |                |                                |             |
|                |                  | @                     | 6  | 15 |         |                |                |                |                                |             |
|                | F                | 8                     | —  |    |         |                |                |                |                                |             |
| 58<br>26. Juni | e                | 22                    | 22 | 6  |         |                |                |                |                                |             |
|                | M                | 22                    | 24 | 9  | 4       | 1              | 2              |                |                                |             |
|                |                  | 22                    | 25 | 6  |         |                |                |                |                                |             |
|                | F                | 22                    | 29 |    |         |                |                |                |                                |             |
| 59<br>28. Juni | eP               | 8                     | 54 | 26 |         |                |                | 710            | gefühlte<br>in<br>Unteritalien |             |
|                | iS               | 8                     | 55 | 44 |         |                |                |                |                                |             |
|                | M                | 8                     | 56 | 50 | 5       | 8              | 23             |                |                                |             |
|                |                  | 8                     | 56 | 55 |         |                |                |                |                                |             |
|                | @                | 9                     | 1  |    |         |                |                |                |                                |             |
|                | F                | 9                     | 13 |    |         |                |                |                |                                |             |

Triest, R.R. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38.6' N$   $\lambda = 13^{\circ} 46.4' E$  Meereshöhe = 55 m Untergrund: *Flyschrandstein*

Instrumente: *Astatisches Horizontalpendel Wiechert (1000 kg)*

|                  | V   | T <sub>0</sub> | ε:1 | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|-----|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3 | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0 | 0.0044            |
| A <sub>Z</sub> : |     |                |     |                   |

| Datum             | Phase | Zeit<br>M. Z. Greenw. |      |    | Periode | Amplitude      |                |                | Δ     | Bemerkungen |
|-------------------|-------|-----------------------|------|----|---------|----------------|----------------|----------------|-------|-------------|
|                   |       | h                     | m    | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |       |             |
| N <sup>o</sup> 60 |       | h                     | m    | s  | s       | μ              | μ              | μ              | km    |             |
| 30. Juni          | e     | 11                    | 11.7 |    |         |                |                |                |       |             |
|                   | eL    |                       | 13.0 |    |         |                |                |                |       |             |
|                   | M     | 13                    | 25   | 5  | < 1     |                |                |                |       |             |
|                   | F     |                       | 18   |    |         |                |                |                |       |             |
| N <sup>o</sup> 61 |       |                       |      |    |         |                |                |                |       |             |
| 4. Juli           | e     | 11                    | 27   |    |         |                |                |                |       |             |
|                   | F     |                       | 6    |    |         |                |                |                |       |             |
| N <sup>o</sup> 62 |       |                       |      |    |         |                |                |                |       |             |
| 5. Juli           | e     | 22                    | 11.9 |    |         |                |                |                |       |             |
|                   | M     |                       | 14.8 | 5  | 1       |                |                |                |       |             |
|                   |       |                       | 15.6 | 7  |         |                | 2              |                |       |             |
|                   | F     |                       | 19.7 |    |         |                |                |                |       |             |
| N <sup>o</sup> 63 |       |                       |      |    |         |                |                |                |       |             |
| 6. Juli           | P     | 7                     | 8    | 51 |         |                |                |                |       |             |
|                   | S     |                       | 11   | 23 |         |                |                |                |       |             |
|                   | eL    |                       | 12.5 |    |         |                |                |                |       |             |
|                   | M     | 14                    | 15   | 5  | 10      |                |                |                | 14.00 |             |
|                   |       | 15                    | 9    | 8  |         |                | 23             |                |       |             |
|                   | F     |                       | 29   |    |         |                |                |                |       |             |



Seismische Aufzeichnungen.

$\varphi = 45^{\circ}38.6'N$   $\lambda = 13^{\circ}46'E$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalspendel Wiechart (1000kg)  
Mikroseismograph Vicentini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum           | Phase           | Zeit<br>M. Z. Greenw. |     |     | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen                                      |
|-----------------|-----------------|-----------------------|-----|-----|---------|----------------|----------------|----------------|----------|--|
|                 |                 | h                     | m   | s   |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |  |
| No 64<br>6. VII | eP              | 16 <sup>h</sup>       | 29' | 56" |         |                |                |                | 6.400    | Nachtrag zum<br>vorhergehenden<br>Wochenbericht. |
|                 | eS              |                       | 37  | 40  |         |                |                |                |          |  |
|                 | eL              |                       | 49  | 56  |         |                |                |                |          |  |
|                 | M <sub>1E</sub> | 17 <sup>h</sup>       | 8   |     | 36      |                |                |                |          |  |
|                 | M <sub>2E</sub> |                       | 18  |     | 24      |                | 9              |                |          |  |
| No 65<br>7. VII | eL              | 10                    | 22  |     |         |                |                |                |          |  |
|                 | F               |                       | 26  |     | 30      |                |                |                |          |  |
| No 66<br>7. VII | eP              | 17                    | 55  | 40  |         |                |                |                | 7.500    |  |
|                 | eS              | 18                    | 4   | 27  |         |                |                |                |          |  |
|                 | eL              |                       | 12  |     |         |                |                |                |          |  |
|                 | M <sub>5E</sub> | 19                    | 43  |     | 26      |                |                |                |          |  |
|                 |                 |                       | 45  | 59  | 30      |                | 13             |                |          |  |
| No 67<br>8. VII | eP              | 22                    | 30  |     |         |                |                |                |          |  |
|                 | eL              | 23                    | 8   |     |         |                |                |                |          |  |
|                 | M <sub>E</sub>  |                       | 7   |     | 36      |                | 24             |                |          |  |
|                 | F               | 24                    | 1   |     |         |                |                |                |          |  |

No 286

vom 7. Juli bis 13 Juli 1913

Triest k. k. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38.6' N$   $\lambda = 13^{\circ} 46' E$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Statistisches Horizontalpendel Wiechert (1000 kg)

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum            | Phase  | Zeit<br>M. Z. Greenw. |   |   | Periode        | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|------------------|--|-----------------------|---|---|----------------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|                  |  | h                     | m   | s |                | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| No 68<br>9. VII  | eL<br>F  | 0                     | 50.5  |   | 16             |                         | 4                       |                         |                |             |
|                  |  | 1                     | 4   |   |                |                         |                         |                         |                |             |
| No 69<br>11. VII | eN<br>F  | 18                    | 22.1  |   |                |                         |                         |                         |                |             |
|                  |  |                       | 41.8  |   |                |                         |                         |                         |                |             |
| No 70<br>12. VII | eP<br>eS<br>eL<br>M <sub>1</sub><br>M <sub>2</sub><br>C<br>F | 10                    | 40<br>47.43<br>2<br>14<br>18<br>24<br>36<br>12.10 |   | 24<br>16<br>18 | 4<br>5                  | 6<br>11                 | 6.500                   |                |             |

*Friest k. k. Maritimes Observatorium*



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ} 38' 6'' N$   $\lambda = 13^{\circ} 46' 21'' E$  Meereshöhe = 55 m Untergrund: *Kalchsandstein*

Instrumente: *Astatisches Horizontalspendel Wischert (1000 kg)*

*Mikroseismograph Vicentini*

|                  | V   | T <sub>0</sub> | $\epsilon : 1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|----------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3            | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0            | 0.0044            |
| A <sub>Z</sub> : |     |                |                |                   |

| Datum               | Phase           | Zeit<br>M. Z. Greenw. |      |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen          |   |
|---------------------|-----------------|-----------------------|------|----|---------|-------------------------|-------------------------|-------------------------|----------------|----------------------|---|
|                     |                 | h                     | m    | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |                      |   |
| Nº 71<br>16. VII 13 | eP              | 14                    | 24.3 |    | 5       | 7                       |                         |                         | ca. 180        |                      |   |
|                     | eS              |                       | 24.6 |    |         |                         |                         |                         |                |                      |   |
|                     | M <sub>N</sub>  |                       | 24.7 |    |         |                         |                         |                         |                |                      |   |
|                     | F               |                       | 25.7 |    |         |                         |                         |                         |                |                      |   |
| Nº 72<br>20. VII 13 | eP <sub>1</sub> | 12                    | 7    | 13 |         |                         |                         |                         | 440            | getrieben in<br>Wien |   |
|                     | iP <sub>2</sub> |                       | 7    | 29 |         |                         |                         |                         |                |                      |   |
|                     | iS              |                       | 8    | 17 |         |                         |                         |                         |                |                      |   |
|                     | M               |                       | 8.6  |    |         |                         |                         |                         |                |                      | 7 |
|                     |                 |                       | 8.7  |    |         |                         |                         |                         |                |                      | 8 |
| F                   |                 | 22                    |      |    |         |                         |                         |                         |                |                      |   |

N<sup>o</sup> 30a

vom 27. Juli bis 27. Juli 1913

Triest, KK Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi$  45° 38' 6" N  $\lambda$  13° 46' 21" E Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: 1) Astatisches Horizontalfpendel Wiechert (1000 kg)  
2) Mikroseismograph Vicentini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum           | Phase   | Zeit<br>M. Z. Greenw. |    |   | Periode     | Amplitude       |                |                | $\Delta$  | Bemerkungen  |
|-----------------|---|-----------------------|----|---|-------------|-----------------|----------------|----------------|-----------|--|
|                 |   | h                     | m  | s                                       |             | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |           |  |
| N 71<br>27. VII | e P <sub>1</sub><br>i P <sub>2x</sub><br>i S<br>M }<br>F    | 22                    | 35 | 34<br>59<br>36 10<br>37.2<br>37.6<br>46 | s<br>7<br>9 | $\mu$<br>2<br>. | $\mu$<br>2     | $\mu$          | km<br>330 | * Verstärkung<br>gefühlte in<br>Württemberg  |
| N 72<br>22. VII | e P <sub>w</sub><br>e S<br>M <sub>w</sub><br>F <sub>w</sub> | 6                     | 52 | 48<br>28<br>44<br>8 27                  | 30          |                 | 17             |                | 6.100     | Vom 7 <sup>h</sup> 32 <sup>m</sup> bis<br>7 <sup>h</sup> 36 <sup>m</sup> Aus.<br>Sal' wegen Papier-<br>wechsel.                    |
| N 73<br>22. VII | e P<br>F <sub>w</sub>                                       | 22                    | 48 | 55                                      |             |                 |                |                |           | Am 24. VII von 7 <sup>h</sup> 38 <sup>m</sup> bis<br>16 <sup>h</sup> 59 <sup>m</sup> nicht in Funktion<br>wegen Laufwerkreparatur. |
| N 74<br>25. VII | e L<br>F  | 8                     | 55 | 27                                      |             |                 |                |                |           |  |

N<sup>o</sup> 306.

vom 21. Juli bis 27. Juli 1913

*Triest, k. k. maritimes Observatorium*



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ} 38.6' N$   $\lambda = 13^{\circ} 46' 21'' E$  Meereshöhe = 55 m Untergrund: *Flyschsandstein*

Instrumente: *Astatisches Horizontalpendel Wiechert (1000 kg)*  
*Mikroscismograph Vicentini*

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum             | Phase   | Zeit<br>M. Z. Greenw. |    |   | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|-------------------|---|-----------------------|----|---|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|                   |   | h                     | m  | s   |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| N 75<br>25. VII   | e<br>F  | 3                     | 13 | 30<br>20  |         |                         |                         |                         |                |             |
| N 76<br>25. VII   | eP <sub>(2)</sub><br>eP<br>eL<br>M <sub>x</sub><br>T                      | 12                    | 50 | 32<br>1<br>19.5<br>24.5<br>14 0                             |         |                         | 4                       |                         | 9.500          |             |
| N 77<br>25. VII   | eP<br>iP<br>F   | 22                    | 20 | 3<br>40<br>26   |         |                         |                         |                         | 340            |             |
| N 78<br>26. VII # | eP<br>iS<br>eL <sub>w</sub><br>M <sub>1</sub><br>M <sub>2</sub><br>C<br>F | 20                    | 56 | 51<br>21 2 30<br>4.2<br>5<br>7.1<br>7.5<br>12.3<br>20<br>40 |         | 8, 10, 11               | 1<br>2<br>3             | 1<br>14<br>14           | 3.850          |             |



*Triest, K.K. Maritimes Observatorium*



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ}38.6' N$   $\lambda = 13^{\circ}46'21'' E$  Meereshöhe = 55 m Untergrund: *Flyschsandstein*

Instrumente: *Astatisches Horizontalesel Wiecherb (1000 kg)*  
*Mikroseismograph Vicentini*

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 125            | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum           | Phase            | Zeit<br>M. Z. Greenw. |      |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km                            | Bemerkungen |
|-----------------|------------------|-----------------------|------|----|---------|-------------------------|-------------------------|-------------------------|---|-------------|
|                 |                  | h                     | m    | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |   |             |
| 46 79<br>28.VII | eP               | 5                     | 56   | 58 | 34      |                         | 33                      | 5100                    |   |             |
|                 | eS               | 6                     | 3    | 47 |         |                         |                         |                         |   |             |
|                 | e <sub>2</sub>   |                       | 6    | 30 |         |                         |                         |                         |   |             |
|                 | eL               |                       | 9    |    |         |                         |                         |                         |   |             |
|                 | M <sub>1</sub> w |                       | 30.5 |    |         |                         |                         |                         |   |             |
|                 | M <sub>2</sub> w |                       | 36.5 |    |         |                         |                         |                         |   |             |
|                 | F                | 7                     | 30   |    |         |                         |                         |                         |   |             |
| 80 28.VII       | e <sub>x</sub>   | 12                    | 18   | 44 | 22      |                         | 5                       |                         |   |             |
|                 | eL <sub>w</sub>  |                       | 40.5 |    |         |                         |                         |                         |   |             |
|                 | M <sub>w</sub>   | 13                    | 25.5 |    |         |                         |                         |                         |   |             |
|                 | F                | 14                    | 21.5 |    |         |                         |                         |                         |   |             |
| 81 29.VII       | eP <sub>x</sub>  | 22                    | 24   | 38 | 5       | 1                       | 1                       |                         | * Verstärkung<br>Gefühltes in<br>Tänemair |             |
|                 | F <sub>2</sub>   |                       | 25   | 20 |         |                         |                         |                         |   |             |
|                 | F <sub>1</sub>   |                       | 25   | 46 |         |                         |                         |                         |   |             |
|                 | eL               |                       | 26.5 |    |         |                         |                         |                         |   |             |
|                 | M                |                       | 27.3 |    |         |                         |                         |                         |   |             |
|                 | F                |                       | 35   |    |         |                         |                         |                         |   |             |



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ} 38' 6'' N$   $\lambda = 13^{\circ} 46' 21'' E$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Statisches Horizontalpendel Wiechert (1000 kg)  
Mikroseismograph Vicentini

|                  | V   | T <sub>0</sub> | ε:1 | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|-----|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3 | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0 | 0.0044            |
| A <sub>Z</sub> : |     |                |     |                   |

| Datum            | Phase           | Zeit<br>M. Z. Greenw. |      |    | Periode | Amplitude      |                |                | Δ | Bemerkungen |    |
|------------------|-----------------|-----------------------|------|----|---------|----------------|----------------|----------------|---|-------------|----|
|                  |                 | h                     | m    | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |   |             |    |
| No 82<br>31. VII | iP <sub>w</sub> | 20                    | 1    | 29 | 5       | 4              | 6              | 210            |   |             |    |
|                  | iP <sub>w</sub> |                       |      | 52 |         |                |                |                |   |             |    |
|                  | eL <sub>w</sub> | 2                     | 11   |    |         |                |                |                |   |             |    |
|                  | F               |                       | 54   |    |         |                |                |                |   |             |    |
| 83<br>1. VIII    | iP              | 17                    | 23   | 13 | 6<br>8  | 5              | 7              | 9000           |   |             |    |
|                  | iP              |                       | 33   | 22 |         |                |                |                |   |             |    |
|                  | eL              |                       | 40   |    |         |                |                |                |   |             |    |
|                  | M <sub>1</sub>  |                       | 51.4 |    |         |                |                |                |   | 40          | 64 |
|                  |                 |                       | 53   |    |         |                |                |                |   | 32          | 44 |
|                  | M <sub>2</sub>  |                       | 55   |    |         |                |                |                |   | 24          | 88 |
|                  |                 | 18                    | 2    |    |         |                |                |                |   | 20          | 45 |
|                  | e               |                       | 20   |    |         |                |                |                |   |             |    |
| F                | 19              | 5                     |      |    |         |                |                |                |   |             |    |

Triest R. R. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ}38.6' N$   $\lambda = 13^{\circ}46'21'' E$  Meereshöhe = 55 m Untergrund: Kalksandstein

Instrumente: Statistisches Horizontalpendel Wischer (1000 kg)

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 245 | 12.5           | 6.3          | 0.0055            |
| A <sub>E</sub> : | 192 | 11.3           | 6.0          | 0.0044            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum  | Phase      | Zeit<br>M. Z. Greenw. |       |    | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen                               |
|--|------------|-----------------------|-------|----|---------|----------------|----------------|----------------|----------|---|
|  |            | h                     | m     | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |   |
| 4684   |            |                       |       |    |         |                |                |                |          |   |
| 6.VIII   | eP         | 22                    | 28    | 19 |         |                |                |                |          |   |
|  | *w         |                       | 32    | 37 |         |                |                |                | 10100 ?  | *Verstärkung w. Peri-<br>odenvergrößerung |
|  | iS         |                       | 39    | 20 | 18      | 9              |                |                |          |   |
|  | Lw         |                       | 42    | 00 | 16      |                | 32             |                |          |   |
|  | Sr         |                       | 46    | 33 | 22      |                | 170            |                |          |   |
|  | eL         |                       | 50    |    | 20      | 24             |                |                |          |   |
|  | M1         |                       | 52    |    | 36      |                | 180            |                |          | Gefühl in                                 |
|  |            |                       | 58    |    | 44      | 153            |                |                |          | Peru (Carac.                              |
|  | M2         | 23                    | 11    |    | 21      |                | 256            |                |          | rel. w. Quicaca)                          |
|  |            |                       | 11.5  |    | 20      | 75             |                |                |          |   |
| 7.VIII   | C          | 0                     | 30    |    |         |                |                |                |          |   |
|  | Fw         | 1                     | 20    |    |         |                |                |                |          |   |
|  | Mrep I     | 3                     | 1     |    |         |                |                |                |          |   |
|  | Mrep I Max |                       | 6     |    | 20      |                |                |                |          |   |
|  | Mrep II Fw |                       | 26    |    |         |                |                |                |          |   |
| <p>NB. Am 7.VIII 17<sup>h</sup> 48' beginnt eine so starke Bodenwunde und hält die ganze Nacht an (infolge Sturmwind w. Brandung) dass eventuelle schwache gleichzeitige Beben nicht zu erkennen sind (h. 16<sup>h</sup> 16<sup>h</sup>)</p> |            |                       |       |    |         |                |                |                |          |   |
| 4685   |            |                       |       |    |         |                |                |                |          |   |
| 10.VIII  | e          | 19 <sup>h</sup>       | 54.5' |    |         |                |                |                |          |   |
|  | f          | 20                    | 3     |    |         |                |                |                |          |   |

Triest, k.k. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$   $\lambda = 13^{\circ} 46' 21'' E$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalpendel Wiechert (1000 kg)  
Mikroseismograph Vicentini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0          | 0.0076            |
| A <sub>E</sub> : | 184 | 11.6           | 4.8          | 0.0067            |
| A <sub>Z</sub> : |     |                |              |                   |

Letzte Eichung am 30. VII 13

| Datum   | Phase   | Zeit<br>M. Z. Greenw. |    |  | Periode        | Amplitude      |                |                | $\Delta$    | Bemerkungen        |
|---|---|-----------------------|----|--|----------------|----------------|----------------|----------------|-------------|--------------------|
|   |   | h                     | m  | s  |                | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |             |                    |
| 4686 13. VIII   | eP<br>*<br>iS<br>eL?<br>M<br>F                                | 4                     | 39 | 06<br>02<br>38<br>59<br>21<br>26<br>10           | s<br>25<br>22  | $\mu$<br>5     | $\mu$<br>9     | $\mu$          | km<br>9.450 |                    |
| B. Am 13. VIII um 17 <sup>h</sup> 12 <sup>m</sup> beginnt sehr starkes Bodenumrulen, weshalb etwaige gleichzeitige schwache Beben nicht hervorstreten können. Abklingens desselben am 14. VIII gegen 12 <sup>h</sup> (Gr. Z.) |   |                       |    |  |                |                |                |                |             |                    |
| 4687 15. VIII   | eP<br>iS<br>eL?<br>M <sub>1</sub><br>M <sub>2</sub><br>Q<br>F | 19                    | 19 | 49<br>56<br>40<br>52<br><del>3</del><br>10<br>40 | 28<br>16<br>16 | 2              | 8<br>4         |                | 5.450       |                    |
| 4688 17. VIII   | eP<br>S<br>F  | 17                    | 11 | 49<br>23<br>17                                   |                |                |                |                | 310         | Gefühlt in Bregenz |

Triest, k.k. maritimes Observatorium.



### Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6'' N$

$\lambda = 13^{\circ} 46' 42'' E$

Meereshöhe = 55 m

Untergrund: Flyschsandstein

Instrumente: Seismisches Horizontalpendel Wiechert (1500 g)  
Mikroseismograph Viscontini

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 209 | 10.9           | 7.0          | 0.0076            |
| A <sub>E</sub> : | 184 | 11.6           | 4.8          | 0.0067            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum | Phase | Zeit<br>M. Z. Greenw. |   |   | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen  |
|-------|-------|-----------------------|---|---|---------|-------------------------|-------------------------|-------------------------|----------------|--|
|       |       | h                     | m | s |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |  |
|       |       |                       |   |   |         |                         |                         |                         |                | In dem laufenden<br>Berichtswochen<br>keine Beben-<br>aufzeichnung |

Triest, k. k. Maritimes Observatorium



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ} 38' 6''$      $\lambda = 13^{\circ} 46' 21''$     Meereshöhe = 55 m    Untergrund: Flyschsandstein

Instrumente: Statisches Horizontalpendel Wiechers (1000 kg)  
Mikroseismograph Vicentinis

|                  | V   | T <sub>0</sub> | ε:1 | $\frac{T}{T_0^2}$ |
|------------------|-----|----------------|-----|-------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0 | 0.0046            |
| A <sub>E</sub> : | 184 | 11.6           | 4.8 | 0.0067            |
| A <sub>Z</sub> : |     |                |     |                   |

Letzte Eichung am 30. VIII 13

| Datum                                      | Phase          | Zeit<br>M. Z. Greenw.   |    |   | Periode | Amplitude      |                |                | Δ | Bemerkungen |
|--|----------------|---|----|---|---------|----------------|----------------|----------------|---|-------------|
|  |                | h   | m  | s |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |   |             |
| No 89                                      |                |   |    |   |         |                |                |                |   |             |
| Nachtrag zum vorhergehenden Wochenbericht: |                |   |    |   |         |                |                |                |   |             |
| 30. VIII                                   | eP             | 23  | 55 | 6 |         |                |                |                |   |             |
| 31. VIII                                   | e <sup>2</sup> | 0   | 2  | 3 |         |                |                |                |   |             |
|  | eL             | 0   | 6  |   |         |                |                |                |   |             |
|  | F              | 0   | 30 |   |         |                |                |                |   |             |
| No 90                                      |                |   |    |   |         |                |                |                |   |             |
| 31. VIII                                   | eL             | 18  | 13 |   |         |                |                |                |   |             |
|  | Mx             |   | 15 | 4 | 32      |                |                |                |   |             |
|  | F              |   | 35 |   |         |                |                |                |   |             |
| No 91                                      |                |   |    |   |         |                |                |                |   |             |
| 1. IX                                      | eL             | 22  | 10 |   | 23      |                |                |                |   |             |
|  | F              |   | 19 |   |         |                |                |                |   |             |
| No 92                                      |                |   |    |   |         |                |                |                |   |             |
| 3. IX                                      |                | NB: Das mittelstarke Fernbeben vom 3. September ist wegen Nichtfunktionierens der Zeitschaltung nicht analysierbar. |    |   |         |                |                |                |   |             |

N<sup>o</sup> 37

vom 8. Sept. bis 14. Sept. 1913

Triest R.R. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$   $\lambda = 13^{\circ} 46' 21''$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Statisches Horizontalpendel Wiechert (1000 kg)

(Mikroseismograph Vicentini)

Wiechert

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |                               |
|------------------|-----|----------------|--------------|-------------------|-------------------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0          | 0.0076            | Letzte Eichung:<br>30. VII 13 |
| A <sub>E</sub> : | 184 | 11.6           | 4.8          | 0.0067            |                               |
| A <sub>Z</sub> : |     |                |              |                   |                               |

| Datum  | Phase | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen |
|--|-------|-----------------------|----|----|---------|----------------|----------------|----------------|----------|-------------|
|  |       | h                     | m  | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |             |
| Nachtrag zum drittletzten Wochenbericht.         |       |                       |    |    |         |                |                |                |          |             |
| 18. VIII   | e     | 23                    | 32 | 26 |         |                |                |                |          |             |
|  | eL    |                       | 33 | 12 | 3       |                |                |                |          |             |
|  | F     |                       | 37 |    |         |                |                |                |          |             |
| In der Berichtswoche keine sichere Aufzeichnung. |       |                       |    |    |         |                |                |                |          |             |

Friest. K. K. Maritimes Observatorium



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ}38'6''$   $\lambda = 13^{\circ}46'21''$  Meereshöhe = 55 m Untergrund: Flugsandstein

Instrumente: Astatisches Horizontalpendel Wiechert (1000 kg)

(Mikroseismograph Vicentini)

|            | V                | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |        |                              |
|------------|------------------|----------------|--------------|-------------------|--------|------------------------------|
| Wiechert { | A <sub>N</sub> : | 204            | 10.9         | 7.0               | 0.0076 | Letzte Eichung<br>30. VII 13 |
|            | A <sub>E</sub> : | 184            | 11.6         | 4.8               | 0.0067 |                              |
|            | A <sub>Z</sub> : |                |              |                   |        |                              |

| Datum  | Phase | Zeit<br>M. Z. Greenw. |   |   | Periode | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen |
|--|-------|-----------------------|---|---|---------|-------------------------|-------------------------|-------------------------|----------------|-------------|
|  |       | h                     | m | s |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |             |
| <i>In der Berichtswoche keine Aufzeichnung</i> |       |                       |   |   |         |                         |                         |                         |                |             |



*Triest, R.R. Maritimes Observatorium*



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ}38'6''$   $\lambda = 13^{\circ}46'21''$  Meereshöhe = 55 m Untergrund: *Flyschsandstein*

Instrumente: *Astatisches Horizontalpendel Wiechert (1000 kg)*

|                  | V   | T <sub>0</sub> | $\epsilon \cdot l$ | $\frac{r}{T_0^2}$ |                          |
|------------------|-----|----------------|--------------------|-------------------|--------------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0                | 0.0076            | <i>Letzte Eichung am</i> |
| A <sub>E</sub> : | 184 | 11.6           | 4.8                | 0.0067            | <i>30. VII 1913</i>      |
| A <sub>Z</sub> : |     |                |                    |                   |                          |

| Datum                    | Phase                 | Zeit<br>M. Z. Greenw.                              |      |      | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen |
|--------------------------|-----------------------|--|------|------|---------|----------------|----------------|----------------|----------|-------------|
|                          |                       | h  | m    | s    |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |             |
| <i>N<sup>o</sup> 94.</i> |                       | <i>Nachtrag zum vorhergehenden Wochenbericht:</i>  |      |      |         |                |                |                |          |             |
| <i>16. IX</i>            | <i>iP</i>             | 12   | 04   | 48   |         |                |                |                |          |             |
|                          | <i>iS</i>             |  | 11   | 29   | 6       |                |                |                |          |             |
|                          | <i>eL<sub>w</sub></i> |  | 20   |      |         |                |                |                | 5.000    |             |
|                          | <i>M<sub>1w</sub></i> |  | 23   |      | 14      |                | 2              |                |          |             |
|                          | <i>M<sub>2</sub></i>  |  | 24.5 |      | 15      | <1             |                |                |          |             |
|                          |                       |  |      | 31.3 |         | 12             |                | 3              |          |             |
|                          | <i>F</i>              |  | 13   | 00   |         |                |                |                |          |             |
|                          |                       | <i>In dieser Berichtswoche keine Aufzeichnung.</i> |      |      |         |                |                |                |          |             |

Triest, R. R. Maritimes Observatorium



International  
Seismological  
Centre

Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$      $\lambda = 13^{\circ} 46' 21''$     Meereshöhe = 55 m    Untergrund: Flyschsandstein

Instrumente: Statistisches Horizontalpendel Wiechert (1000 kg)

(Mikroseismograph Vicentini)

Wiechert

|                  | V   | T <sub>0</sub> | ε:1 | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|-----|-------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0 | 0.0076            |
| A <sub>E</sub> : | 184 | 11.6           | 4.8 | 0.0067            |
| A <sub>Z</sub> : |     |                |     |                   |

| Datum           | Phase            | Zeit<br>M. Z. Greenw. |      |      | Periode | Amplitude           |                     |                     | △<br>km | Bemerkungen         |
|-----------------|------------------|-----------------------|------|------|---------|---------------------|---------------------|---------------------|---------|---------------------|
|                 |                  | h                     | m    | s    |         | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | A <sub>Z</sub><br>μ |         |                     |
| No 95<br>30. IX | eP               | 7                     | 36   | 57   |         |                     |                     |                     | 1500    |                     |
|                 | iS               |                       | 39   | 33   | 2       |                     |                     |                     |         |                     |
|                 | eL               |                       | 41   |      |         |                     |                     |                     |         |                     |
|                 | M <sub>1</sub> w |                       | 41.8 |      | 6       | 11                  |                     |                     |         |                     |
|                 | M <sub>2</sub>   |                       |      | 42.7 |         | 8                   | 10                  |                     |         |                     |
|                 |                  |                       |      |      |         | 14                  | 28                  |                     |         |                     |
|                 | ©                |                       | 48   |      |         |                     |                     |                     |         |                     |
| F               |                  | 58                    |      |      |         |                     |                     |                     |         |                     |
| No 96<br>2. X.  | eP               | 4                     | 36   | 24   |         |                     |                     |                     | 9200    | Gefühl in<br>Panama |
|                 | iS               |                       | 46   | 47   |         |                     |                     |                     |         |                     |
|                 | M <sub>1</sub> s |                       | 47.3 |      | 8<br>11 | 7                   | 25                  |                     |         |                     |
|                 | eL               |                       | 57   |      |         |                     |                     |                     |         |                     |
|                 | M <sub>2</sub> w | 5                     | 10   |      | 20      |                     | 7                   |                     |         |                     |
|                 | M <sub>3</sub> w |                       | 24   |      | 18      |                     | 6                   |                     |         |                     |
|                 | F                | 6                     | 15   |      |         |                     |                     |                     |         |                     |

Triest, K. K. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38.6'$      $\lambda = 13^{\circ} 46' 21''$     Meereshöhe = 55 m    Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalpendel Wiechert (1000 kg)

(Mikroseismograph Vicentini)

Wiechert

|                  | V   | T <sub>0</sub> | ε:1 | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|-----|-------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0 | 0.0076            |
| A <sub>E</sub> : | 184 | 11.6           | 4.8 | 0.0067            |
| A <sub>Z</sub> : |     |                |     |                   |

| Datum                      | Phase                                    | Zeit<br>M. Z. Greenw. |      |    | Periode | Amplitude           |                     |                     | △<br>km | Bemerkungen   |
|----------------------------|--|-----------------------|------|----|---------|---------------------|---------------------|---------------------|---------|---|
|                            |  | h                     | m    | s  |         | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | A <sub>Z</sub><br>μ |         |   |
| N <sup>o</sup> 97<br>3. X  | e Lw<br>M <sub>w</sub><br>F <sub>w</sub> | 1                     | 3    |    |         |                     |                     |                     |         |   |
|                            |  |                       | 92   |    | 9       |                     | 1                   |                     |         |   |
|                            |  |                       | 16   |    |         |                     |                     |                     |         |   |
| N <sup>o</sup> 98<br>4. X  | e Pr<br>* i S <sub>w</sub> (3)           | 18                    | 27   | 8  |         |                     |                     |                     |         | * Verstärkung nur der E-W Comp.   |
|                            | M  |                       |      | 49 |         |                     |                     |                     |         | Gefühl und Campolano  |
|                            |  |                       | 28.6 |    | 5       |                     | 50                  |                     |         | (Abruzzen, Italien)   |
|                            |  |                       | 28.7 |    | 5       | 16                  |                     |                     |         |   |
|                            | F  |                       | 46   |    |         |                     |                     |                     |         |   |
| N <sup>o</sup> 99<br>4. X  | e<br>* S <sub>w</sub> (3)                | 20                    | 49   | 4  |         |                     |                     |                     |         | * Verstärkung der E-W Comp.   |
|                            | F  |                       |      | 37 | 1       |                     | 21                  |                     |         |   |
|                            |  |                       | 54   |    |         |                     |                     |                     |         |   |
| N <sup>o</sup> 100<br>4. X | e<br>M<br>F                              | 22                    | 18   | 20 |         |                     |                     |                     |         | Die zwei Phasen e und M sind möglicherweise 3 verschiedene Beben und wären das wahrscheinlich, wie N <sup>o</sup> 99, Nachfolger von N <sup>o</sup> 98. |
|                            |  |                       | 29.2 |    | 7       |                     | 3                   |                     |         |   |
|                            |  |                       | 40   |    |         |                     |                     |                     |         |   |



N<sup>o</sup> 476

vom 6. Oktober bis 12. Oktober 1913

Triest, k. k. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$   $\lambda = 13^{\circ} 46' 21''$  Meereshöhe = 55 m Untergrund Flyschsandstein

Instrumente: Astatisches Horizontalpendel Wiechert (1000 kg)  
(Mikroseismograph Vicentini)

|                             | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|-----------------------------|-----|----------------|--------------|-------------------|
| Wiechert { A <sub>N</sub> : | 204 | 10.9           | 7            | 0.0076            |
| A <sub>E</sub> :            | 184 | 11.6           | 4.8          | 0.0067            |
| A <sub>Z</sub> :            |     |                |              |                   |

| Datum          | Phase          | Zeit<br>M. Z. Greenw. |    |      | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen |
|----------------|----------------|-----------------------|----|------|---------|----------------|----------------|----------------|----------|-------------|
|                |                | h                     | m  | s    |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |             |
|                |                |                       |    |      | s       | $\mu$          | $\mu$          | $\mu$          | km       |             |
| No 105<br>11.8 | eP             | 9                     | 22 | 22   |         |                |                |                | 9.200    |             |
|                | iP             |                       | 32 | 43   |         |                |                |                |          |             |
|                | eL             |                       | 43 |      |         |                |                |                |          |             |
|                | M <sub>1</sub> |                       |    | 57.8 |         | 18             | 11             |                |          |             |
|                |                |                       |    |      |         | 20             |                | 32             |          |             |
|                | M <sub>2</sub> |                       | 10 | 3    |         | 14             | 10             |                |          |             |
|                |                |                       |    | 5    |         | 15             |                | 35             |          |             |
| F <sub>w</sub> |                | 48                    |    |      |         |                |                |                |          |             |
| No 106<br>12.8 | e(e)           | 17                    | 26 | 37   |         |                |                |                |          |             |
|                | eL             |                       | 48 |      |         |                |                |                |          |             |
|                | M <sub>1</sub> |                       |    | 55   |         | 22             |                | 5              |          |             |
|                |                |                       |    | 56   |         | 15             | 2              |                |          |             |
|                | M <sub>2</sub> |                       | 58 |      | 14      | .              | 5              |                |          |             |
|                | F              |                       | 18 | 44   |         |                |                |                |          |             |

Triest, k. k. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 1/4$   $\lambda = 13^{\circ} 46' 21''$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Statisches Horizontalpendel Wiechert (1000 kg)  
(Mikroseismograph Vicentini)

|                             | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|-----------------------------|-----|----------------|--------------|-------------------|
| Wiechert } A <sub>N</sub> : | 204 | 10.9           | 7.0          | 0.0076            |
| A <sub>E</sub> :            | 184 | 11.6           | 4.8          | 0.0067            |
| A <sub>Z</sub> :            |     |                |              |                   |

| Datum  | Phase            | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen  |
|--------|------------------|-----------------------|----|----|---------|----------------|----------------|----------------|----------|--|
|        |                  | h                     | m  | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |  |
| No 107 |                  |                       |    |    |         |                |                |                |          |  |
| 14.8   | i                | 8                     | 28 | 11 |         |                |                |                |          |  |
|        | M {              | 28.2-29.3             |    |    | 4       | 10             |                |                |          | Das Beben ist vom Boden unruhe begleitet.<br>Nur eine Vorläuferphase tritt hervor. |
|        | eL               | 50                    |    |    | 3       |                | 10             |                |          |  |
|        | M <sub>1</sub>   | 50.7                  |    |    | 45      |                | 260            |                |          |  |
|        | M <sub>2</sub> { | 9 14.7                |    |    | 45      | 90             |                |                |          |  |
|        |                  |                       |    |    | 45      |                | 300            |                |          |  |
|        | F                | 10 1/2                |    |    |         |                |                |                |          |  |

# Triest k.k. Maritimes Observatorium



## Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$        $\lambda = 13^{\circ} 46' 21''$       Meereshöhe = 55 m      Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalpendel Wiechert (1000 kg)

|                  | V   | T <sub>0</sub> | ε:1 | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|-----|-------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0 | 0.0076            |
| A <sub>E</sub> : | 184 | 11.6           | 4.8 | 0.0067            |
| A <sub>Z</sub> : |     |                |     |                   |

| Datum                  | Phase           | Zeit<br>M. Z. Greenw. |                    |   | Periode  | Amplitude           |                     |                     | Δ<br>km | Bemerkungen   |
|------------------------|-----------------|-----------------------|--------------------|---|----------|---------------------|---------------------|---------------------|---------|---|
|                        |                 | h                     | m                  | s |          | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | A <sub>Z</sub><br>μ |         |   |
| No 108<br>23.8         | eLN             | 12                    | 36-38              |   | 15       |                     |                     |                     |         |   |
| No 109<br>23.8         | iS<br>eL<br>F   | 15                    | 24 13<br>38        |   |          |                     |                     |                     |         | Die P treten<br>aus der Boden.<br>unruhe nicht<br>hervor. |
| No 110<br>25.8         | eLN<br>eLE<br>F | 15                    | 50.5<br>52         |   | 19<br>15 |                     |                     |                     |         |   |
| No 111<br>26.8<br>27.8 | e<br>eL<br>F    | 23                    | 15 14<br>34<br>0 5 |   |          |                     |                     |                     |         |   |

N 44

von 27. Oktober bis 2. November 1913

Triest, k.k. Maritimes Observatorium



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ} 38'6''$      $\lambda = 13^{\circ} 46'21''$     Meereshöhe = 55 m    Untergrund: Flyschsandstein

Instrumento: Astatisches Horizontalpendel Wiechert (1.000 kg)

(Mikroseismograph Vicentini)

|     | v   | T <sub>0</sub> | ε:1 | $\frac{r}{T_0^2}$ |
|-----|-----|----------------|-----|-------------------|
| AN: | 204 | 10.9           | 7.0 | 0.0076            |
| AE: | 184 | 11.6           | 4.8 | 0.0067            |
| Az: |     |                |     |                   |

Wiechert

| Datum  | Phase | Zeit<br>M. Z. Greenw. |       |    | Periode | Amplitude      |                |                | Δ   | Bemerkungen   |
|--------|-------|-----------------------|-------|----|---------|----------------|----------------|----------------|-----|---|
|        |       | h                     | m     | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |     |   |
| No 112 |       |                       |       |    |         |                |                |                |     |   |
| 29. I  | eP    | 0                     | 26    | 28 |         |                |                |                | 400 |   |
|        | iS    |                       | 27    | 12 |         |                |                |                |     |   |
|        | M     |                       | 12-13 |    | 3       | +5             |                |                |     |   |
|        | F     |                       | 30    |    | 2       | -6             |                |                |     |   |
| No 113 |       |                       |       |    |         |                |                |                |     |   |
| 29. I  | iS    | 4                     | 55    | 15 |         |                |                |                |     | Die P sind zumal wegen Bodenunruhe nicht erkennbar. |
|        | eLN   | 5                     | 75    |    |         |                |                |                |     |   |
|        | M     |                       | 27-30 |    | 20      | +4             |                |                |     |   |
|        | F     | 6                     | 0     |    | 17      |                | 2              |                |     |   |
| No 114 |       |                       |       |    |         |                |                |                |     |   |
| 30. I  | e     | 3                     | 32    | 47 |         |                |                |                |     |   |
|        | M     |                       | 33-34 |    | 5       | 1              |                |                |     |   |
|        | F     |                       | 40    |    | 6       |                | 2              |                |     |   |



N<sup>o</sup> 45

vom 2. November bis 9. November 1913

# Triest, k. k. Maritimes Observatorium



## Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$        $\lambda = 13^{\circ} 46' 27''$       Meereshöhe = 55 m      Untergrund *Flugsandstein*

Instrumente *Statisches Horizontalspendel Wiechert (1000 kg)*

*Microseismograph Vicentini*

*Wiechert*

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0          | 0.0076            |
| A <sub>E</sub> : | 184 | 11.6           | 4.8          | 0.0067            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum                       | Phase | Zeit<br>M. Z. Greenw. |       |    | Periode | Amplitude               |                         |                         | $\Delta$<br>km  | Bemerkungen |
|-----------------------------|-------|-----------------------|-------|----|---------|-------------------------|-------------------------|-------------------------|---|-------------|
|                             |       | h                     | m     | s  |         | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |   |             |
| N <sup>o</sup> 115<br>4. XI | eLN   | 10                    | 43    |    | 39      | 30                      | 8                       |                         | Die schwachen<br>Vorläufer ver-<br>schwinden in der<br>Bodenunruhe. |             |
|                             | eLE   |                       | 48    |    |         |                         |                         |                         |   |             |
|                             | MN    |                       | 46    |    |         |                         |                         |                         |   |             |
|                             | ME    |                       | 52    | 25 |         |                         |                         |                         |   |             |
|                             | F     | 11                    | 5     |    |         |                         |                         |                         |   |             |
| N <sup>o</sup> 116<br>9. XI | eLE   | 14                    | 23-31 |    | 18      |                         |                         |                         | Spuren  |             |

Triest, k. k. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$   $\lambda = 13^{\circ} 46' 27''$  Meereshöhe = 55 m Untergrund: Flugsandstein in  
 Instrumente: Astatisches Horizontalpendel Weichert (1000 kg)

|                  | V   | T <sub>0</sub> | ε:1 | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|-----|-------------------|
| A <sub>N</sub> : | 204 | 10.9           | 7.0 | 0.0076            |
| A <sub>E</sub> : | 184 | 11.6           | 4.8 | 0.0067            |
| A <sub>Z</sub> : |     |                |     |                   |

| Datum   | Phase            | Zeit<br>M. Z. Greenw. |       |    | Periode | Amplitude           |                     |                     | Δ<br>km   | Bemerkungen |
|---|------------------|-----------------------|-------|----|---------|---------------------|---------------------|---------------------|---|-------------|
|   |                  | h                     | m     | s  |         | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | A <sub>Z</sub><br>μ |   |             |
| No 117<br>10. XI  | eP               | 21                    | 32    | 2  |         |                     |                     |                     | Die S fehlen.<br>Zerstört und<br>bei Curco und<br>Abancay in<br>Peru. |             |
|   | eL               |                       | 57    |    |         |                     |                     |                     |   |             |
|   | M <sub>1</sub> E | 22                    | 19-22 |    | 34      | 16                  |                     |                     |   |             |
|   | M <sub>2</sub>   |                       | 37    |    | 23      | 8                   |                     |                     |   |             |
|   |                  |                       |       |    | 22      | 20                  |                     |                     |   |             |
|   | F                | 23                    | 3/4   |    |         |                     |                     |                     |   |             |
| No 118<br>15. XI  | eP               | 5                     | 46    | 35 |         |                     |                     |                     | Auch hier fehlen<br>die S.  |             |
|   | eL <sub>N</sub>  | 6                     | 35    |    |         |                     |                     |                     |   |             |
|   | eL <sub>E</sub>  |                       | 46    |    |         |                     |                     |                     |   |             |
|   | M                |                       | 47-48 |    | 27      | 6                   |                     |                     |   |             |
|   |                  |                       |       |    | 24      | 2                   |                     |                     |   |             |
| Berichtigung: Im Triester Wochenbericht No 44 v. 1913<br>es bei No 117 heißen<br>M 0 29-30<br>statt M 0 12-13 |                  |                       |       |    |         |                     |                     |                     |   |             |

Triest, k. k. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$   $\lambda = 13^{\circ} 46' 21''$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Statistisches Horizontalpendel Wiechert (1000 kg)

|                             | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|-----------------------------|-----|----------------|--------------|-------------------|
| Wiechert { A <sub>N</sub> : | 239 | 10.0           | 3.4          | 0.0068            |
| A <sub>E</sub> :            | 198 | 11.0           | 5.0          | 0.0083            |
| A <sub>Z</sub> :            |     |                |              |                   |

Letzte Eichung am 17. November 1913

| Datum            | Phase            | Zeit<br>M. Z. Greenw. |       |    | Periode  | Amplitude      |                |                | $\Delta$ | Bemerkungen   |
|------------------|------------------|-----------------------|-------|----|----------|----------------|----------------|----------------|----------|---|
|                  |                  | h                     | m     | s  |          | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |   |
|                  |                  |                       |       |    | s        | $\mu$          | $\mu$          | $\mu$          | cm       |   |
| No 119<br>19. XI | e                | 3                     | 46    | ±1 |          |                |                |                |          |   |
|                  | eL               | 4                     | 16    |    |          |                |                |                |          |   |
|                  | M <sub>1</sub> N |                       | 17    |    | 40       | 30             |                |                |          |   |
|                  | M <sub>1</sub> E |                       | 25    |    | 28       |                | 9              |                |          |   |
|                  | M <sub>2</sub> N |                       | 26    |    | 24       | 21             |                |                |          |   |
|                  | M <sub>2</sub> E |                       | 39    |    | 18       |                | 6              |                |          |   |
|                  | F                | 5                     | 5     |    |          |                |                |                |          |   |
| No 120<br>21. XI | eL (15 33.7)     |                       |       |    | 10<br>9  | 2              |                | 1              |          | Die Leitern sind nur approximativ, weil an diesen Tage die Zeitschaltung grösserenteils ausblieb. |
|                  | F (40)           |                       |       |    |          |                |                |                |          |   |
| No 121<br>21. XI | eL (16 15-16)    |                       |       |    | 8        | 1              |                | 1              |          |   |
|                  | F (22)           |                       |       |    |          |                |                |                |          |   |
| No 122<br>23. XI | eN?              | 21                    | 36    | 13 |          |                |                |                |          |   |
|                  | eL               |                       | 55.5  |    |          |                |                |                |          |   |
|                  | M <sub>1</sub>   |                       | 56-59 |    | 37<br>34 | 6              |                | 8              |          |   |
|                  | M <sub>2</sub>   | 22                    | 2.5   |    | 22       |                |                | 12             |          |   |
|                  |                  |                       | 4     |    | 24       | 14             |                |                |          |   |
|                  | F                | 22                    | 42    |    |          |                |                |                |          |   |

N<sup>o</sup> 48.

vom 24. November bis 30. November 1913

*Triest, k. k. Maritimes Observatorium*



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ}38'6''$   $\lambda = 13^{\circ}46'21''$  Meereshöhe = 55 m Untergrund: *Flyschsandstein*

Instrumente: *Astatisches Horizontalpendel Wiechert (1000 kg)*  
(*Mikroseismograph Vicentini*)

|                                    | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |   |
|------------------------------------|-----|----------------|--------------|-------------------|---|
| <i>Wiechert</i> } A <sub>N</sub> : | 239 | 10.0           | 3.4          | 0.0068            | <i>letzte Lichung am 17. November 1913.</i> |
| } A <sub>E</sub> :                 | 198 | 11.0           | 5.0          | 0.0083            |   |
| } A <sub>Z</sub> :                 |     |                |              |                   |   |

| Datum                    | Phase                | Zeit<br>M. Z. Greenw. |           |           | Periode    | Amplitude      |                |                | $\Delta$   | Bemerkungen  |
|--------------------------|----------------------|-----------------------|-----------|-----------|------------|----------------|----------------|----------------|------------|--|
|                          |                      | h                     | m         | s         |            | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |            |  |
| <i>N<sup>o</sup> 129</i> |                      |                       |           |           |            |                |                |                |            |  |
| <i>25. XI</i>            | <i>eP</i>            | <i>20</i>             | <i>55</i> | <i>35</i> |            |                |                |                | <i>300</i> | <i>Die Bodenunterkunft ist langperiodisch, so dass dieses N<sup>o</sup> sehr deutlich sich abhebt.</i> |
|                          | <i>iP</i>            |                       | <i>56</i> | <i>9</i>  |            |                |                |                |            |  |
|                          | <i>M<sub>H</sub></i> |                       |           | <i>30</i> | <i>1</i>   |                |                |                |            |  |
|                          | <i>M<sub>E</sub></i> |                       |           | <i>41</i> | <i>1.5</i> |                | <i>2</i>       |                |            |  |
|                          | <i>F</i>             |                       | <i>59</i> |           |            |                |                |                |            |  |



Seismische Aufzeichnungen.

$\varphi = 45^{\circ}38'6'' N$      $\lambda = 13^{\circ}46'21'' E$  Gr. Meereshöhe = 55 m    Untergrund: .....

Instrumente: *Statisches Horizontalspendel Wiechert (1000 kg)*

*Autoseismograph Vicentini*

|                                    | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------------------------|-----|----------------|--------------|-------------------|
| <i>Wiechert</i> } A <sub>N</sub> : | 239 | 10.0           | 3.4          | 0.0068            |
| A <sub>E</sub> :                   | 198 | 11.0           | 5.0          | 0.0083            |
| A <sub>Z</sub> :                   |     |                |              |                   |

| Datum                        | Phase   | Zeit<br>M. Z. Greenw. |    |                                   | Periode                | Amplitude           |                 |                | $\Delta$     | Bemerkungen                        |
|------------------------------|---|-----------------------|----|-----------------------------------|------------------------|---------------------|-----------------|----------------|--------------|------------------------------------|
|                              |   | h                     | m  | s                                 |                        | A <sub>N</sub>      | A <sub>E</sub>  | A <sub>Z</sub> |              |                                    |
| N <sup>o</sup> 124<br>1. XII | eP<br>iS<br>M <sub>1</sub> E<br>M <sub>1</sub> N<br>RS <sub>1</sub> ? M <sub>2</sub> E<br>M <sub>2</sub> N<br>F | 22                    | 47 | 19<br>28<br>32<br>0-8<br>37<br>35 | s<br>8<br>8<br>10<br>8 | $\mu$<br><br>4<br>4 | $\mu$<br>3<br>5 | $\mu$          | km<br>1.850  |                                    |
| N <sup>o</sup> 125<br>3. XII | eL E<br>F   | 8                     | 52 |                                   |                        |                     |                 |                |              | Spuren                             |
| N <sup>o</sup> 126<br>5. XII | ePE?<br>ePN?<br>iS<br>M <sub>1</sub> N<br>M <sub>1</sub> E<br>F   | 17                    | 35 | 52<br>1<br>40<br>44<br>47<br>40   | 3<br>3                 | 6                   | 4               |                | 435<br>(350) |                                    |
| N <sup>o</sup> 127<br>6. XII | eL E<br>eL N<br>M <sub>1</sub> E<br>M <sub>1</sub> N<br>F   | 15                    | 41 | 45<br>45<br>52<br>0               | 25"<br>27              | 2                   | 2               |                |              |                                    |
| N <sup>o</sup> 128<br>7. XII | eP<br>eS<br>F   | 1                     | 31 | 53<br>22<br>34                    | 1-1.5                  | <1                  | <1              |                | 260          | Gefühl in Oberitalien (um Mailand) |

*Friest, k. k. Maritimes Observatorium*



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ} 38' 6''$      $\lambda = 13^{\circ} 46' 21''$     Meereshöhe = 55 m    Untergrund: *Flyschsandstein*

Instrumente: *Statisches Horizontalspendel Wiechert (1000 kg)*

|                  | V   | T <sub>0</sub> | $\epsilon : 1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|----------------|-------------------|
| A <sub>N</sub> : | 239 | 10.0           | 3.4            | 0.0068            |
| A <sub>E</sub> : | 198 | 11.0           | 5.0            | 0.0083            |
| A <sub>Z</sub> : |     |                |                |                   |

| Datum              | Phase | Zeit<br>M. Z. Greenw. |    |   | Periode  | Amplitude               |                         |                         | $\Delta$<br>km | Bemerkungen  |
|--------------------|-------|-----------------------|----|---|----------|-------------------------|-------------------------|-------------------------|----------------|--|
|                    |       | h                     | m  | s |          | A <sub>N</sub><br>$\mu$ | A <sub>E</sub><br>$\mu$ | A <sub>Z</sub><br>$\mu$ |                |  |
| No 129<br>9. XII.  | eLN   | 0                     | 44 | 4 | 11<br>12 | 2                       |                         |                         |                | Die schwachen Vorläufer verschwinden gänzlich in der gleichperiodigen Bodenunruhe. |
|                    | eLE   |                       | 44 | 8 |          |                         |                         |                         |                |  |
|                    | M     |                       | 45 | 2 |          |                         |                         |                         |                |  |
|                    | F     |                       | 54 |   |          |                         |                         |                         |                |  |
| No 130<br>10. XII. | eLN   | 7                     | 28 | 4 | 23<br>25 | 3                       |                         |                         |                |  |
|                    | eLE   |                       | 29 | 9 |          |                         |                         |                         |                |  |
|                    | M     |                       | 31 |   |          |                         |                         |                         |                |  |
|                    | F     |                       | 40 |   |          |                         |                         |                         |                |  |

Triest, R.R. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$   $\lambda = 13^{\circ} 46' 21''$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumente: Astatisches Horizontalpendel Wiechert (1000 kg) Mikroseismograph Vicentini

Wiechert

|                  | V   | T <sub>0</sub> | ε:1 | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|-----|-------------------|
| A <sub>N</sub> : | 239 | 10.0           | 3.4 | 0.0068            |
| A <sub>E</sub> : | 198 | 11.0           | 5.0 | 0.0083            |
| A <sub>Z</sub> : |     |                |     |                   |

| Datum   | Phase                                     | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude      |                |                | Δ          | Bemerkungen |
|---|---|-----------------------|----|----|---------|----------------|----------------|----------------|------------|-------------|
|   |   | h                     | m  | s  |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |            |             |
| No 131<br>15. XII   | eE?<br>eN?<br>eLE<br>eLN<br>MN<br>ME<br>F | 18                    | 60 |    |         |                |                |                | ca. 10.000 |             |
| No 132<br>21. XII   | iP<br>eS<br>eLN<br>eLE<br>M<br>C<br>F     | 15                    | 58 | 39 |         |                |                |                | 6.700      |             |
|   |   |                       |    |    |         |                |                |                |            |             |
|   |   |                       |    |    |         |                |                |                |            |             |
|   |   |                       |    |    |         |                |                |                |            |             |
|   |   |                       |    |    |         |                |                |                |            |             |
|   |   |                       |    |    |         |                |                |                |            |             |
|   |   |                       |    |    |         |                |                |                |            |             |
|   |   |                       |    |    |         |                |                |                |            |             |
| Berichtigungen: a) zu Berichts No 29, Behen No 72 vom 20. VII 1913: bei allen Zeitangaben sind 10 Sekunden zu addieren (eP 12 <sup>h</sup> 7 <sup>min</sup> 23 <sup>sec</sup> u. s. f.)<br>b) zu Berichts No 44, Behen No 112 vom 29. X 1913: Maximum-Zeit 0 <sup>h</sup> 27 <sup>min</sup> 16 <sup>sec</sup> anstatt 12 <sup>min</sup> - 13 <sup>min</sup> , beziehungsweise statt 29-30 <sup>min</sup> wie die erste ebenfalls irrthümliche Berichtigung in Berichts No 46 angab. |   |                       |    |    |         |                |                |                |            |             |

Triest, k. k. Maritimes Observatorium



**Seismische Aufzeichnungen.**

$\varphi = 45^{\circ} 38' 6''$      $\lambda = 13^{\circ} 46' 21''$     Meereshöhe = 55 m    Untergrund: *Flyschsandstein*

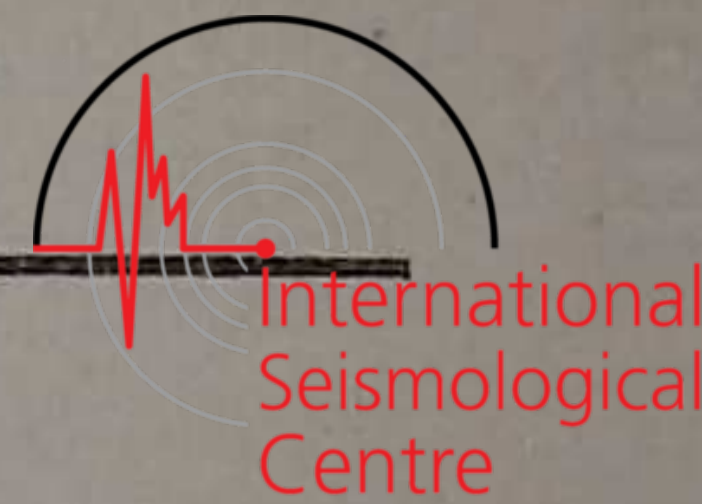
Instrumente: *Statisches Horizontalfremdel Wischerk (1000 kg)*

|                  | V   | T <sub>0</sub> | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|------------------|-----|----------------|--------------|-------------------|
| A <sub>N</sub> : | 239 | 10.0           | 3.4          | 0.0068            |
| A <sub>E</sub> : | 198 | 11.0           | 5.0          | 0.0083            |
| A <sub>Z</sub> : |     |                |              |                   |

| Datum                         | Phase  | Zeit<br>M. Z. Greenw. |     |      | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen  |
|-------------------------------|--|-----------------------|-----|------|---------|----------------|----------------|----------------|----------|--|
|                               |  | h                     | m   | s    |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |  |
| N <sup>o</sup> 133<br>22. XII | eP <sub>N</sub><br>iS <sub>N</sub><br>F                                    | 9                     | 34  | 53±2 |         |                |                |                | 300      |  |
|                               |  |                       | 35  | 26   | 4       | 1              |                |                |          |  |
|                               |  |                       | 37  |      |         |                |                |                |          |  |
| N <sup>o</sup> 134<br>22. XII | e<br>F   | 11                    | 39  | 53±2 |         |                |                |                |          | Beginn beide-<br>mal in der Minu-<br>tenlücke. No 134<br>ist wohl Nachbeben<br>von No 133. |
|                               |  |                       | 41  |      |         |                |                |                |          |  |
| N <sup>o</sup> 135<br>25. XII | eP<br>PR <sub>N</sub><br>iS<br>eL<br>M <sub>N</sub><br>M <sub>E</sub><br>F | 6                     | 56  | 05   |         |                |                |                | 4.080    |  |
|                               |  |                       | 57  | 37   |         |                |                |                |          |  |
|                               |  | 7                     | 1   | 57   | 8       |                | +1             |                |          |  |
|                               |  |                       | 7.8 |      |         |                |                |                |          |  |
|                               |  |                       | 8.3 |      | 15      | 2              |                |                |          |  |
|                               |  |                       | 9.8 |      | 13      |                | 1              |                |          |  |
|                               |  |                       | 30  |      |         |                |                |                |          |  |



Triest, k. k. Maritimes Observatorium



Seismische Aufzeichnungen.

$\varphi = 45^{\circ} 38' 6''$   $\lambda = 13^{\circ} 46' 21''$  Meereshöhe = 55 m Untergrund: Flyschsandstein

Instrumento: Astatisches Horizontalpendel Wiecherts (1.000 kg)  
Mikroseismograph Vicentini

|                  | v   | T <sub>0</sub> | $\epsilon : 1$ | $\frac{r}{T_0^2}$ |                                  |
|------------------|-----|----------------|----------------|-------------------|----------------------------------|
| A <sub>N</sub> : | 239 | 10.0           | 3.4            | 0.0068            | Letzte Eichtung<br>am 27. XII 13 |
| A <sub>E</sub> : | 198 | 11.0           | 5.0            | 0.0083            |                                  |
| A <sub>Z</sub> : |     |                |                |                   |                                  |

| Datum | Phase | Zeit<br>M. Z. Greenw. |   |   | Periode | Amplitude      |                |                | $\Delta$ | Bemerkungen  |
|-------|-------|-----------------------|---|---|---------|----------------|----------------|----------------|----------|--|
|       |       | h                     | m | s |         | A <sub>N</sub> | A <sub>E</sub> | A <sub>Z</sub> |          |  |
|       |       |                       |   |   |         | $\mu$          | $\mu$          | $\mu$          | km       | In dem auf 1913 entfallenden Teile der<br>Berichtswoche keine Aufzeichnung |