

Seismisches Observatorium:

*Wrahan, Sternwarte*



N.-Br.: *50* ° *4* ' ; E.-L. von Greenwich: *19* ° *58* '

Zeit: Mittlere Greenwicher, Mitternacht 0<sup>h</sup>.

Vom *1 Januar* 0<sup>h</sup> bis *14 Januar* 24<sup>h</sup>

| Nr. | Tag         | Ch        | Ph       | Zeiten    |           |          | Periode Sek. |          |          | Amplitude |          |                                | Bemerkung |
|-----|-------------|-----------|----------|-----------|-----------|----------|--------------|----------|----------|-----------|----------|--------------------------------|-----------|
|     |             |           |          | h         | m         | s        | SH           | -        | -        | SH        | -        | -                              |           |
| 1.  | <i>12.1</i> | <i>04</i> | <i>P</i> | <i>5</i>  | <i>11</i> | <i>-</i> | <i>-</i>     | <i>-</i> | <i>-</i> | <i>-</i>  | <i>-</i> | <i>Mikroseismische Ursache</i> |           |
|     |             |           | <i>J</i> | <i>10</i> | <i>53</i> | <i>-</i> | <i>-</i>     | <i>-</i> | <i>-</i> | <i>-</i>  | <i>-</i> |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |
|     |             |           |          |           |           |          |              |          |          |           |          |                                |           |

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1929-2012

Seismisches Observatorium:



Wrakau Sternwarte

N.-Br.: 50° 4'; E.-L. von Greenwich: 19° 58'

Zeit: Mittlere Greenwicher, Mitternacht 0<sup>h</sup>.

Vom 15 Januar 0<sup>h</sup> bis 14 April 24<sup>h</sup>

| Nr. | Tag      | Ch | Ph | Zeiten |    |    | Periode Sek. |    |    | Amplitude |    |                        | Bemerkung |
|-----|----------|----|----|--------|----|----|--------------|----|----|-----------|----|------------------------|-----------|
|     |          |    |    | h      | m  | s  | JK           | JK | JK | In $\mu$  |    |                        |           |
|     |          |    |    |        |    |    |              |    |    | JK        | JK |                        |           |
| 2   | 5 April  | -  | P  | 11     | 21 | -  | -            | -  | -  | -         | -  | Mikroseismische Unruhe |           |
|     |          |    | F  | 17     | 03 | -  | -            | -  | -  | -         |    |                        |           |
| 3   | 7 April  | Ou | P  | 11     | 26 | 04 | -            | -  | -  | -         | -  | Schwache Störung       |           |
|     |          |    | F  | 11     | 26 | 40 | -            | -  | -  | -         | -  |                        |           |
| 4   | 8 April  | Ou | P  | 8      | 17 | 35 | -            | -  | -  | -         | -  | Schwache Störungen     |           |
|     |          |    | F  |        | 18 | 11 | -            | -  | -  | -         | -  |                        |           |
|     |          |    | P  | 8      | 28 | 35 | -            | -  | -  | -         | -  |                        |           |
|     |          |    | F  |        | 29 | 11 | -            | -  | -  | -         | -  |                        |           |
| 5   | 11 April | Ou | P  | 11     | 37 | -  | -            | -  | -  | -         | -  | Mikroseismische Unruhe |           |
|     |          |    | F  | 16     | 53 | -  | -            | -  | -  | -         |    |                        |           |
| 6   | 13 April | Ou | P  | 11     | 32 | -  | -            | -  | -  | -         | -  | Mikroseismische Unruhe |           |
|     |          |    | F  | 14     | 57 | -  | -            | -  | -  | -         |    |                        |           |
| 7   | 14 April | Ou | P  | 10     | 04 | -  | -            | -  | -  | -         | -  | Mikroseismische Unruhe |           |
|     |          |    | F  | 13     | 32 | -  | -            | -  | -  | -         |    |                        |           |

Seismisches Observatorium:



Krakau, Sternwarte

N.-Br.: 50° 4'; E.-L. von Greenwich: 19° 58'

Zeit: Mittlere Greenwicher, Mitternacht 0<sup>h</sup>.

Vom 15 April 0<sup>h</sup> bis 12 Mai 24<sup>h</sup>

| Nr. | Tag   | Ch | Ph | Zeiten |    |    | Periode Sek. |   |    | Amplitude |   |   | Bemerkung |
|-----|-------|----|----|--------|----|----|--------------|---|----|-----------|---|---|-----------|
|     |       |    |    | h      | m  | s  | N            | - | -  | in $\mu$  |   |   |           |
|     |       |    |    |        |    |    |              |   |    | N         | - | - |           |
|     | 6 Mai | 10 | P  | 19     | 10 | 08 | -            | - | -  | -         | - | - | Mexico    |
|     |       |    | S  |        | 14 | 50 | -            | - | -  | -         | - | - |           |
|     |       |    | L  |        | 16 | 27 | 10           | - | 30 | -         | - | - |           |
|     |       |    | M  |        | 17 | 23 | 14           | - | 60 | -         | - | - |           |
|     |       |    | C  |        | 18 | 32 | 15           | - | 20 | -         | - | - |           |
|     |       |    | F  |        | 25 | 26 | -            | - | -  | -         | - | - |           |



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Seismische Aufzeichnungen.

$\varphi = 50^{\circ} 4'$

$\lambda = 19^{\circ} 58'$

Meereshöhe = 206 m

Untergrund: Sandiger Lehmbooden  
(Fluviatile Alluvionen)

Instrumente: Horizontal-Schwerpendel von Bosch-Omori

|          | V  | $T_0$           | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|----------|----|-----------------|--------------|-------------------|
| $A_{SW}$ | 10 | 26 <sup>s</sup> | —            | —                 |
| $A_E$ :  | —  | —               | —            | —                 |
| $A_Z$ :  | —  | —               | —            | —                 |

| Datum                        | Phase     | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude         |                |                | $\Delta$<br>km | Bemerkungen |
|------------------------------|-----------|-----------------------|----|----|---------|-------------------|----------------|----------------|----------------|-------------|
|                              |           | h                     | m  | s  |         | $A_{SW}$<br>$\mu$ | $A_E$<br>$\mu$ | $A_Z$<br>$\mu$ |                |             |
| N <sup>o</sup> 10<br>15 Juli | eP        | 21                    | 53 | 38 | —       | —                 | —              | —              |                |             |
|                              | $\bar{3}$ |                       | 53 | 50 |         |                   |                |                |                |             |

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## Seismische Aufzeichnungen.

$\varphi = 50^{\circ} 4'$      $\lambda = 19^{\circ} 58'$     Meereshöhe = 206 m.    Untergrund: Sandiger Lehmboden  
(fluviale Alluvionen)

Instrumente: Horizontal-Schwerpendel von Bosch-Omori

|         | V  | $T_0$            | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|---------|----|------------------|--------------|-------------------|
| $A_N$ : | 10 | 2.6 <sup>s</sup> |              |                   |
| $A_E$ : |    |                  |              |                   |
| $A_Z$ : |    |                  |              |                   |

| Datum                          | Phase          | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude      |                |                | $\Delta$<br>km | Bemerkungen  |
|--------------------------------|----------------|-----------------------|----|----|---------|----------------|----------------|----------------|----------------|--|
|                                |                | h                     | m  | s  |         | $A_N$<br>$\mu$ | $A_E$<br>$\mu$ | $A_Z$<br>$\mu$ |                |  |
| N <sup>o</sup> 11<br>9 August  | eP             | 1                     | 31 | 56 | —       | —              | —              | —              | 1000           | Der Schreibstift<br>verlässt das Papier<br>um 1 <sup>h</sup> 37 <sup>m</sup> .<br>Ballkan-Halbins. |
|                                | iL             | 1                     | 35 | 00 | 21      | 300            |                |                |                |  |
|                                | M <sub>1</sub> | 1                     | 35 | 56 | 18      | 5000           |                |                |                |  |
|                                | M <sub>2</sub> | 1                     | 36 | 50 | 24      | 5600           |                |                |                |  |
| N <sup>o</sup> 12<br>10 August | eP             | 9                     | 29 | 34 | —       | —              | —              | —              | 550            | Ballkan-Halbins.   |
|                                | eL             | 9                     | 31 | 13 | 8       | 20             |                |                |                |  |
|                                | M <sub>1</sub> | 9                     | 31 | 38 | 10      | 100            |                |                |                |  |
|                                | M <sub>2</sub> | 9                     | 32 | 34 | 11      | 70             |                |                |                |  |
|                                | F              | 9                     | 36 | —  | —       | —              |                |                |                |  |

# KRAKAU



## Seismische Aufzeichnungen.

$\varphi = 50^{\circ} 4'$

$\lambda = 19^{\circ} 58'$

Meereshöhe = 206 m.

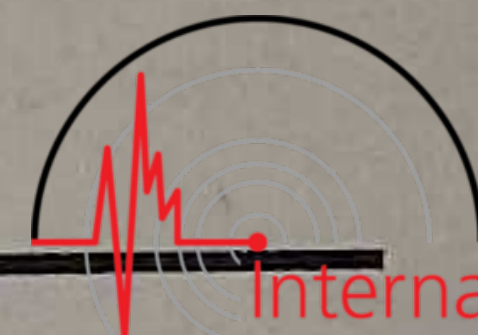
Untergrund: Sandiger Lehmboden (Fluviale Alluvionen)

Instrumente: Horizontal-Schwerpendel von Bosch-Amorosi.

|     | V  | $T_0$           | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|-----|----|-----------------|--------------|-------------------|
| ASH | 10 | 26 <sup>2</sup> | —            | —                 |
| AE: | —  | —               | —            | —                 |
| Az: | —  | —               | —            | —                 |

| Datum                              | Phase          | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude    |             |             | $\Delta$<br>km   | Bemerkungen |
|------------------------------------|----------------|-----------------------|----|----|---------|--------------|-------------|-------------|--|-------------|
|                                    |                | h                     | m  | s  |         | ASH<br>$\mu$ | AE<br>$\mu$ | Az<br>$\mu$ |  |             |
| N <sup>o</sup> 13<br>13. September | eP             | 23                    | 34 | 03 | —       | —            | —           | 930         | Nördlicher Teil des Agassizschen Meeres; Perdanellen Schuss. |             |
|                                    | eS             |                       | 36 | 52 | 6       | 100          |             |             |  |             |
|                                    | eL             |                       | 37 | 48 | 16      | 620          |             |             |  |             |
|                                    | M <sub>1</sub> |                       | 39 | 14 | 16      | 1170         |             |             |  |             |
|                                    | M <sub>2</sub> |                       | 40 | 50 | 10      | 690          |             |             |  |             |
|                                    | L <sub>1</sub> |                       | 41 | 07 | 10      | 210          |             |             |  |             |
|                                    | L <sub>2</sub> |                       | 43 | 19 | 6       | 70           |             |             |  |             |
|                                    | F              | ca 23                 | 50 | —  | —       | —            |             |             |  |             |

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## Seismische Aufzeichnungen.

$\varphi = 50^{\circ} 4'$

$\lambda = 19^{\circ} 58'$

Meereshöhe = 206 m.

Untergrund: sandiger Lehmboden  
(fluviatile Alluvionen)

Instrumente:

|         | v  | $T_0$           | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|---------|----|-----------------|--------------|-------------------|
| $A_N$ : | 10 | 26 <sup>d</sup> | —            | —                 |
| $A_E$ : |    |                 |              |                   |
| $A_Z$ : |    |                 |              |                   |

| Datum                           | Phase | Zeit<br>M. Z. Greenw. |    |    | Periode | Amplitude      |                |                | $\Delta$<br>km             | Bemerkungen |
|---------------------------------|-------|-----------------------|----|----|---------|----------------|----------------|----------------|----------------------------|-------------|
|                                 |       | h                     | m  | s  |         | $A_N$<br>$\mu$ | $A_E$<br>$\mu$ | $A_Z$<br>$\mu$ |                            |             |
| N <sup>o</sup> 14<br>9 Oktober  | eP    | 15                    | 18 | 57 |         |                |                |                | Sehr schwache<br>Störung   |             |
|                                 | J     |                       | 22 | 21 |         |                |                |                |                            |             |
| N <sup>o</sup> 15<br>10 Oktober | eP    | 8                     | 47 | 04 |         |                |                |                | Sehr schwache<br>Störungen |             |
|                                 | J     |                       | 47 | 28 |         |                |                |                |                            |             |
|                                 | eP    | 9                     | 46 | 52 |         |                |                |                |                            |             |
|                                 | J     |                       | 47 | 28 |         |                |                |                |                            |             |



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## Seismische Aufzeichnungen.

$\varphi = 50^{\circ} 4'$

$\lambda = 19^{\circ} 58'$

Meereshöhe = 206 m.

Untergrund: Sandiger Lehmboden  
(fluviale Alluvionen)

Instrumente:

|     | v  | $T_0$           | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|-----|----|-----------------|--------------|-------------------|
| AW: | 10 | 26 <sup>s</sup> | -            | -                 |
| AE: |    |                 |              |                   |
| Az: |    |                 |              |                   |

| Datum                           | Phase | Zeit<br>M. Z. Greenw. |    |    | Periode        | Amplitude   |             |             | $\Delta$<br>km | Bemerkungen               |
|---------------------------------|-------|-----------------------|----|----|----------------|-------------|-------------|-------------|----------------|---------------------------|
|                                 |       | h                     | m  | s  |                | AW<br>$\mu$ | AE<br>$\mu$ | Az<br>$\mu$ |                |                           |
| N <sup>o</sup> 16<br>1 November | eP    | 11                    | 52 | 56 | 6 <sup>s</sup> | 40          |             |             |                | Mikroseismische<br>Unruhe |
|                                 | 41    | 20                    | 47 | 38 |                |             |             |             |                |                           |

Graben Sternwart



# Seismische Aufzeichnungen.

$\varphi = 50^{\circ} 4'$

$\lambda = 19^{\circ} 58'$

Meereshöhe = 206m

Untergrund: sandiger Lehmboden  
(fluviale Alluvionen)

Instrumente: Horizontal-Schwebpendel von Bosch-Omeri

|               | V  | $T_0$           | $\epsilon:1$ | $\frac{r}{T_0^2}$ |
|---------------|----|-----------------|--------------|-------------------|
| $A_N$ :<br>SN | 10 | 26 <sup>s</sup> | —            | —                 |
| $A_E$ :       | —  | —               | —            | —                 |
| $A_Z$ :       | —  | —               | —            | —                 |

| Datum                                     | Phase | Zeit<br>M. Z. Greenw. |   |   | Periode | Amplitude      |                |                | $\Delta$<br>km | Bemerkungen |
|---|-------|-----------------------|---|---|---------|----------------|----------------|----------------|----------------|-------------|
|   |       | h                     | m | s |         | $A_N$<br>$\mu$ | $A_E$<br>$\mu$ | $A_Z$<br>$\mu$ |                |             |
| In den Berichtswochen keine Aufzeichnung! |       |                       |   |   |         |                |                |                |                |             |