

Siebenter Bericht über seismische Registrierungen in Graz im Jahre 1913

und die

mikroseismische Bewegung im Jahre 1913.

Von

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Dieser Bericht enthält die vom 1. Jänner bis 31. Dezember 1913 vom Wiechertschen 1000-kg-Pendel in Graz aufgezeichneten Beben. Da der Betrieb wegen Restaurierung des Pendels gegen Ende des Jahres für einige Zeit eingestellt werden mußte, läßt sich die Zahl der registrierten Beben nur insoferne annähernd angeben (245), als man annehmen kann, daß sämtliche Beben, welche man während dieser Zeit in Wien beobachtet hatte, auch in Graz aufgezeichnet worden wären.

So erhalten wir für die einzelnen Monate folgende Zahlen:

| | J. | F. | M. | A. | M. | J. | J. | A. | S. | O. | N. | D. |
|-----|----|----|----|----|----|----|----|----|----|----|------|-----|
| 0 | 16 | 13 | 16 | 24 | 17 | 15 | 31 | 11 | 10 | 18 | ? | ? |
| I | 6 | 1 | 4 | 5 | 4 | 1 | 6 | 2 | 3 | 3 | ? | ? |
| II | 2 | 0 | 1 | 2 | 2 | 2 | 1 | 1 | 0 | 5 | ? | ? |
| III | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | ? | ? |
| | 24 | 14 | 22 | 31 | 23 | 20 | 39 | 15 | 13 | 26 | (11) | (7) |

Die Zahl der Tage mit mikroseismischer Bewegung gibt folgende Tabelle:

| J. | F. | M. | A. | M. | J. | J. | A. | S. | O. | N. | D. |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 31 | 28 | 29 | 19 | 17 | 8 | 1 | 0 | 5 | 25 | ? | ? |

Die in dem Berichte gebrauchten Abkürzungen sind die des Göttinger Schemas und wurden im ersten Berichte über seismische Registrierungen in Graz mitgeteilt; zu erwähnen ist nur, daß bei den Amplituden von nun ab nördliche, bezw. östliche Richtung durch positives, südliche, bezw. westliche

Richtung durch negatives Vorzeichen ausgedrückt wurde. Eine Amplitude ohne Vorzeichen darf nicht als positiv angenommen werden; denn dasselbe wurde in jenen Fällen fortgelassen, in welchen sich kein ausgeprägtes Maximum zeigte und somit auch die Richtung der Welle bedeutungslos ist.

Eichungen des Erdbebenpendels im Jahre 1913.

| Tag | Monat | | T_0 | $2r$ | ε | a | $J=af$ | L | $V=\frac{J}{L}$ |
|-----|-------|----|-------|------|---------------|------|--------|------|-----------------|
| 7. | II. | NS | 9·4 | 1·05 | 4·4 | 13·5 | 3820 | 22·1 | 173 |
| | | EW | 10·5 | 0·80 | 5·6 | 16·4 | 4640 | 27·6 | 168 |
| 16. | V. | NS | 9·8 | 1·62 | 5·1 | 15·5 | 4390 | 24·0 | 183 |
| | | EW | 10·7 | 1·36 | 5·8 | 17·5 | 4950 | 28·8 | 172 |
| 6. | X. | NS | 10·0 | 2·91 | 4·2 | 16·2 | 4585 | 25·0 | 183 |
| | | EW | 10·8 | 1·37 | 6·3 | 17·3 | 4895 | 29·2 | 161 |
| 25. | X. | NS | 10·3 | 0·95 | 5·8 | 17·8 | 5035 | 26·5 | 190 |
| | | EW | 10·8 | 0·93 | 6·3 | 18·1 | 5120 | 29·2 | 175 |

Da erwiesenermaßen jedes Erdbebenpendel, wenn es nach einer größeren Reparatur wieder in Stand gesetzt wird, längere Zeit hindurch seine Konstanten ändert, wurde die nächste Eichung erst im Jänner 1914 vorgenommen.

Der Gang der Stationsuhr (Pendel Neher) wurde durch die funkentelegraphisch aufgenommenen Zeitsignale des Eiffelturmes kontrolliert. Da jedoch ungünstige Witterungsverhältnisse in der Zeit vom 4. bis 13. Jänner, 19. bis 25. März, 25. Mai bis 1. Juni, 18. Juni bis 16. Juli, 2. bis 14. September und 16. September bis 9. Oktober die Aufnahme der Zeitsignale nahezu ganz unmöglich machten, können in dieser Zeit Fehler von zwei Sekunden auftreten.

Jänner.

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-------|----|----|------|----|----|---|----|----|--|
| | | | h | m | s | | | | |
| 3. | Ov | e | 13 | 41 | 24 | | | | |
| | | L | | 42 | 25 | | | | |
| | | F | | 43 | 22 | | | | |
| 4. | Ov | P | 22 | 38 | 16 | | | | Epizentrum Petrinja (Kroatien), 185 Km. |
| | | F | | 39 | 33 | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung | | |
|-------|-----|----------------|------|------------------|----|----------|-------------------------------------|---|--|----------------------|-----------------|
| | | | h | m | s | | | | | | |
| 5. | Ir | eP | 4 | 37 | 10 | | | $-1\frac{1}{2}$ | Ende wegen starker mikroseismischer Bewegung unsicher. | | |
| | | LE | | 40 | 15 | | | | | 7 | |
| | | LN | | 40 | 36 | | | | | 7 | $-1\frac{1}{2}$ |
| | | M | | 41 | 11 | | | | | 8 | $+5\frac{1}{2}$ |
| | | F | | 50 | ? | | | | | | |
| 5. | Ilu | e | 17 | 33 | 52 | | | | | | |
| | | eS | | 44.2 | | | | | | | |
| | | eL | 18 | 6.2 | | | | | | | |
| | | M | | 7 | 54 | 17 | +15 | | | | |
| | | M ₁ | | 9 | 14 | 15 | | +17 | | | |
| | | M ₂ | | 13 | 36 | 14 | +9 | | | | |
| | | M ₃ | | 14 | 3 | 14 | | +20 | | | |
| F | 19 | 0 | | | | | | | | | |
| 7. | Ir? | eS? | 23 | 34 $\frac{1}{2}$ | | | | | | | |
| | | eL | | 43 | | | | | | | |
| | | ME | | 46 | 6 | 16 | | -7 | | | |
| 8. | | F | 0 | 15 | | | | | | | |
| | | | | | | | | | | | |
| 8. | O | eL | 20 | 0 | | | | | | | |
| | | F | | 40 | | | | | | | |
| 9. | I? | eL | 3 | 39.2 | | 15 11 | 4 5 | Zweierlei Wellen. Vom folgenden Beben überdeckt. | | | |
| | | F | | | | | | | | | |
| 9. | O | eL | 4 | 59 | | 15 | | | | | |
| | | F | | 5 | | | | | 10 | | |
| 11. | Ilu | eP? | 13 | 34 | 56 | | | | | | |
| | | iE | | 41 | 16 | 12 | | -6 | | | |
| | | i | | 44 | 13 | 18 | | +18 | S? | | |
| | | i | 49 | 38 | 32 | | | -70 | S ₁ ? | | |
| | | eL? | 14 | 1.5 | | 60 | | | | | |
| | | M | | 6 | 45 | 40 | -125 | | | | |
| | | M ₁ | | 23 | 8 | 18 | | -22 | | | |
| | | M ₂ | | 24 | 36 | 17 | +19 | | | | |
| | | M ₃ | | 27 | 37 | 16 | | +19 | | | |
| | | F | | | | | | | In mikroseismischen Wellen gelegen. | | |
| 15. | Ou | P | 19 | 5 | 23 | | | | | | |
| | | iS | | 16 | 11 | | | | | | |
| | | eL | | 42.2 | | 20 | | -9 | | | |
| F | 20 | 10? | | | | | In mikroseismischen Wellen gelegen. | | | | |
| 19. | Iu | P | 17 | 17 | 17 | | | | | | |
| | | iS | | 26 | 57 | 8 | +3 | +4 $\frac{1}{2}$ | | | |
| | | e | | 37 | 57 | 36 | 70 | 60 | | | |
| | | eL? | | 46.6 | | | | | | | |
| | | L ₁ | | 51 | 52 | | 7 | | | | |
| | | F | | 19 | 0 | | 16 19 | 14 | | Einige lange Wellen. | |

| Datum | Ch | Ph | Zeit | | | T | A _N | A _E | Bemerkung |
|------------|----|--|------------------|--|----------------------------|----------------------|----------------|----------------|--|
| | | | h | m | s | | | | |
| 19. | O | eL F | 19 | 28 32 | | 22 | | | Zum vorigen Beben ge- hörig? |
| 19. 20. | Iu | P S i eL L ₁ F | 23 0 | 59 9 10 28 31·4 25 | 51 41 6 | 10 32 17 19 | 23 7 | -3 29 14 | Wiederholung des ersten Bebens vom 19. |
| 23. | Or | e eS? M _N F | 21 | 32 33 33 37·5 | 15 0 33 | | | | |
| 23. | Ov | P S M L F | 21 | 50 50 50 50 52·1 | 3 16 19 27 | | | | Herd bei Agram, 120 Km.; S fehlen auf der NS- Komponente, M auf der EW-Kompo- nente. |
| 24. | Or | L M F | 2 | 33 34 39 | 15 25 | 9 | +2 | | Wiederholung des er- sten Bebens vom 23. |
| 24. | Or | e L F | 2 | 43·5 44 47 ¹ / ₂ | 13 | 10 | | | Wiederholung des vori- gen Bebens. |
| 26. | O | eL F | 16 | 2 8 | | 40 | | | |
| 26. | Ou | P eL? F | 19 | 20 44 49 | 33 | | | | |
| 27. | Ov | e F | 0 | 9 10 | 9 3 | | | | Epizentrum Petrinja (Kroatien), 185 Km. |
| 27. | Ir | P S i M _E M _N F | 19 20 | 43 47 47 52 53 20 | 23 30 51 51 28 | 10 14 10 | +4 | -3 -7 | |
| 31. | O? | eP F | 19 | 10 11 | 1 8 | | | | |
| 31. | O | eL F | 23 | 37 52 | | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-----------------|-----|-------------------------------|-----------------|----------------------------------|--------------------------|------------------------|----------|----------|--|
| | | | h | m | s | | | | |
| 31. | Ov | e M F | 23 | 43 44 46'0 | 41 18 | | | | Dieses Beben fällt mit dem vorigen zusammen. |
| Februar. | | | | | | | | | |
| 7. | Ou | eL L ₁ F | 3 4 | 52 8 20 | | 28 19 | | 14 8 | Diagramm undeutlich. |
| 11. | Ou? | P F | 21 22 | 59 0'4 | 17 | | | | |
| 12. | O | eL F | 0 1 | 11 0 | | 26 | | | |
| 13. | Ov | e L F | 16 | 41 42 43'4 | 43 25 | | | | |
| 13. | O | eL F | 19 20 | 35 30 | | | | | |
| 14. | Ov | e F | 19 | 13 16'1 | 44 | | | | |
| 15. | Ov | e L? F | 19 | 22 25 28'0 | 24 25 | | | | |
| 15. | Ou | eP? eL F | 21 22 | 13 44 10 | | 20 | | | |
| 20. | Iu | P iS L MN ME F | 9 10 | 11 21 42 48 49 30 | 9 9 52 45 42 | { 24 20 22 24 | 38 25 | 21 55 | |
| 23. | O | eL F | 3 4 | 40 10 | | | | | |
| 24. | Ov | P M F | 11 12 | 55 57 1'0 | 7 7 | | | | |
| 27. | Ov | e | 15 | 48 48 | 19 33 | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|--------------|------|---|-------------------------|--|--|--|----|--|-----------|
| | | | h | m | s | | | | |
| 27. | Ou | iP eL F | 16 17 | 30 55 10 | 16 | | | | |
| 28. | Ov | P i M F | 15 | 16 16 16 17:3 | 40 44 55 | | | Geführt in Laibach (Krain), 135 Km. | |
| März. | | | | | | | | | |
| 1. | Ou | e eL F | 14 15 | 54 16 45 | | 20 | | | |
| 3. | O | eL F | 3 4 | 50 3 | | 22 | | | |
| 3. | Ou | iP S eL F | 21 22 | 14 24 28:2 0 | 26 33±1 | | | Minutenmarke. | |
| 6. | Ou | eP eS eL F | 2 3 | 18 26:0 39 5 | 23 | 16 | 5 | 6 | |
| 6. | Iu | P iS eL M F | 11 12 | 13 20 33 ¹ / ₂ 36:5 10 | 16 47 | 22 | | 26 | |
| 8. | Iu | eN eL M F | 16 17 | 17 35 ¹ / ₂ 45 ¹ / ₂ 30 | 44 | 5 28 20 | 5 | 14 | |
| 14. | IIIu | e P SN? i i L M M ₁ M ₂ C F | 8 9 9 10 12 | 58 59 10 14 18 35 36 40 49 13 0 | 57 10 11 12 38 0 9 59 41 | 10 30 32 38 38 23 25 18 | | +54 -350 -370 -280 -200 | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-------|----|--------------------------------------|------|-------------------------|----------------------|----------|----------|----------|---|
| | | | h | m | s | | | | |
| 15. | Ov | e M F | 4 | 39 40 42'2 | 8 45 | | | | Antivari (Montenegro), 620 Km? |
| 18. | I? | e L M M ₁ F | 1 | 50 56'3 | | | | | |
| | | | 2 | 2 30 | 34 8 | 18 14 | -7 +4 | +8 +4 | |
| 19. | O | eL F | 19 | 39 45 | | 16 | | | |
| 23. | Iu | P eS eL L ₁ F | 21 | 0 10'8 36 42'5 | 40 | | | | |
| | | | 22 | 20 | | 28 22 | 21 | 22 18 | |
| 24. | Or | iP LN LE F | 10 | 41 57'3 58'1 | 24 | | | | |
| | | | 11 | 30 | | 20 | | 6 | |
| 25. | Ov | eP? S M F | 14 | 9 9 10 10 | 14 43 2 55 | | | | |
| 26. | Ov | e F | 17 | 55 55'6 | 18 | | | | Geführt in Blida (Kroatien), 200 Km. |
| 26. | Ou | e eL F | 22 | 15 35 | | 30 | | | S? |
| | | | 23 | 0 | | | | | |
| 27. | Ov | eP? S M F | 2 | 27 28 28 30 | 50 33 58 44 | | | | |
| 27. | Or | i S eL F | 3 | 20 26 36 | 12 2 | | | | P? |
| | | | 4 | 0 | | 16 | | | |
| 27. | O | eL F | 10 | 12 30 | | 30 | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung | | | |
|---------------|-----|----|------|----|------|---------|--------------------------------|----|--|----|----|-----|
| | | | h | m | s | | | | | | | |
| 31. | Ilu | eP | 3 | 53 | 24 | | | | Die Vorläufer sind auf der NS-Komponente besser ausgebildet. | | | |
| | | i | | 53 | 29 | | | | | | | |
| | | eS | 4 | 37 | | | | | | | | |
| | | iN | | 4 | 31 | | | | | 8 | -3 | |
| | | eL | | 20 | | | | | | 28 | | 22 |
| | | ME | | 33 | | | | | | 18 | | +31 |
| MN | | 35 | | 22 | | | | | | | | |
| | F | 7 | 0 | 27 | 20 | -37 | | | | | | |
| 31. | O | eL | 8 | 35 | | | | | | | | |
| | | F | 9 | 4 | | | | | | | | |
| 31. | O | eL | 19 | 22 | | | | | | | | |
| | | F | | 46 | | | | | | | | |
| 31. | O | eL | 23 | 21 | | | | | | | | |
| | | F | | 43 | | | | | | | | |
| April. | | | | | | | | | | | | |
| 3. | Ou | e | 0 | 16 | | 24 [16] | | 12 | | | | |
| | | eL | | 37 | | | | | | | | |
| | | F | 1 | 10 | | | | | | | | |
| 4. | Ov | e | 13 | 28 | 26 | | | | | | | |
| | | M | | 28 | 39 | | | | | | | |
| | | F | | 29 | 26 | | | | | | | |
| 4. | O | eL | 14 | 20 | | | | | | | | |
| | | F | | 53 | | | | | | | | |
| 7. | Ov | e | 6 | 44 | 30? | | | | Geführt in Laibach (Krain), 135 Km. | | | |
| | | M | | 44 | 50 | | | | | | | |
| | | F | | 45 | 26 | | | | | | | |
| 7. | Iu | e | 14 | 4 | | | | | P in lokaler Störung gelegen. | | | |
| | | iS | | 11 | 13 | | | | | | | |
| | | eL | | 36 | | | | | | | | |
| | | M | | 45 | 19 | { 17 | +8 | | | | | |
| | | F | 16 | 0 | { 14 | | -6 | | | | | |
| 7. | Ou | e | 17 | 19 | | | | | | | | |
| | | eL | 18 | 3 | | | | | | | | |
| | | F | | 35 | | | | | | | | |
| 8. | Ou | eS | 2 | 44 | 13 | | | | | | | |
| | | eL | 3 | 8 | | | | | | | | |
| | | M | | 17 | | 16 | | | | | | |
| | | F | 4 | 0 | | | -2 ¹ / ₂ | | | | | |

| Da- tum | Ch | Ph | Z e i t | | | T | AN | AE | Bemerkung | | | |
|------------|-----|----------------|---------|--------------------------------|----|--------|----|----|-----------|--------|-----|-----|
| | | | h | m | s | | | | | | | |
| 9. | Ou | eP | 18 | 11 | 23 | 40 | 7 | 8 | | | | |
| | | eS | | 20 | 42 | | | | | | | |
| | | eL | | 38 | | 20 | | | | | | |
| | | L ₁ | | 53 | | | | | | | | |
| | | F | 19 | 30 | | | | | | | | |
| 13. | Ilu | P | 6 | 52 | 58 | | | | | | | |
| | | eS | 7 | 3 | 9 | | | | | | | |
| | | eL | | 24 | 6 | | | | | | | |
| | | M | | 26 | 0 | | | | | { 22 | +22 | -30 |
| | | M ₁ | | 33 | 6 | | | | | { 24 | -52 | |
| | | M ₂ | | 33 | 18 | | | | | 16 | -26 | |
| F | 8 | 30 | | | | | | | | | | |
| 14. | Ou | eP | 8 | 1 | 18 | { 16 | 5 | 5 | | | | |
| | | eL | | 35 | | | | | | 18[14] | | |
| | | F | 9 | 20 | | | | | | | | |
| 17. | O | eL | 0 | 0 | 24 | | | | | | | |
| | | F | | 10 | | | | | | | | |
| 17. | O | eL | 13 | 27 | | | | | | | | |
| | | F | | 46 | | | | | | | | |
| 18. | Ou | eP | 13 | 35 | 20 | | | 6 | | | | |
| | | eL | 14 | 8 | | | | | | | | |
| | | M | | 17 | | | | | | 7 | | |
| | | F | | 45 | | | | | | | | |
| 18. | Iu | eP | 19 | 16 ¹ / ₂ | | 40 | 17 | 13 | | | | |
| | | eS | | 27 ¹ / ₂ | | | | | | | | |
| | | eL | | 50 | | { 28 | | | | | | |
| | | L ₁ | | 57 | | { 25 | | | | 6 | 14 | |
| | | L ₂ | 20 | 6 | | 9 | | | | | | |
| | | F | 21 | 0 | | 19[25] | | | | | | |
| 20. | Ir | P | 3 | 18 | 29 | | | | | | | |
| | | iS | | 22 | | | | | | 33 | | |
| | | eL | | 25 | 9 | | | | | | | |
| | | MN | | 26 | 54 | | | | | 17 | +7 | |
| | | ME | | 27 | 41 | | | | | | | |
| | | F | | 55 | | | | | | | | |
| 21. | O | eL | 10 | 55 | | | | | | | | |
| | | F | | 11 | | | | | | 8 | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung | | |
|-------|-----|----------------|------|------------------|--------|--------|----|----|--------------------------------|------------------|-----|
| | | | h | m | s | | | | | | |
| 22. | Ou | eP? | 12 | 30'8 | | 18 | | | | | |
| | | eS? | | 40'9 | | | | | | | |
| | | eL | 13 | 10 | | | | | | | |
| | | F | | 20 | | | | | | | |
| 24. | Iu | eP | 10 | 29'0 | | 30 | 22 | 13 | Im folgenden Beben gelegen. | | |
| | | eS? | | 40'4 | | | | | | | |
| | | eL | 11 | 4 $\frac{1}{2}$ | | | | | | | |
| | | M | | 7'8 | | | | | | | |
| | | M ₁ | | 8'4 | | | | | | | |
| | | M ₂ | | 18'2 | | | | | | | |
| | | F | | | 18[24] | | 14 | | | | |
| 24. | Ou | eP | 12 | 28'8 | 29 | 18 | | | | | |
| | | S | | 39 | | | | | | | |
| | | eL | 13 | 8 | | | | | | | |
| | | M | | 18 $\frac{1}{2}$ | | | | | | | |
| | | F | 15 | 30 | | | | | | | |
| 24. | O | e | 16 | 8 | | | | | | | |
| | | F | | 42 | | | | | | | |
| 25. | O? | e | 5 | 26'3 | | 8 | | | | | |
| | | eL | | 37 | | | | | | | |
| | | F | | 50 | | | | | | | |
| 25. | IIu | eP | 18 | 10 | 11 | 16 | | -7 | | | |
| | | iS | | 20 | 46 | | | | | | |
| | | e | | 40'5 | | | | | | | |
| | | iLN | | 48 | 49 | | | | | +47 | |
| | | M | | 56 | 24 | | | | | +28 | |
| | | M ₁ | 19 | 2 | 34 | | | | | 20 | -70 |
| | | C | | 44 $\frac{1}{2}$ | | | | | | 26 | 8 |
| | | C ₁ | 20 | 29 | | | | | | 18 | 5 |
| | | F | 21 | 15 | | | | | | | |
| | | 26. | Ou | e | 4 | | | | | 33 $\frac{1}{2}$ | |
| eL | 5 | | | 1 | | | | | | | |
| M | | | | 25 $\frac{1}{2}$ | | | | | | | |
| | | F | 6 | 0 | | | | | | | |
| 27. | Ov | eP | 13 | 9 | 45 | | | | | | |
| | | M | | 11'9 | | | | | | | |
| | | F | | 13'6 | | | | | | | |
| 28. | O | eL | 4 | 22 | | 20 | | | | | |
| | | F | | 51 | | | | | | | |
| 28. | Ou | e | 19 | 2 | 43 | 16[25] | | 2 | | | |
| | | eL | | 37 | | | | | | | |
| | | F | 20 | 30 | | | | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-------------|----|---|----------------|--|---------------------|----------------------|----------|----------------|-----------------------------|
| | | | h | m | s | | | | |
| 29. | Ou | eP? eS? eL F | 3 4 5 | 27 37 ¹ / ₂ 1 0 | | | | | |
| 29. | Ov | e F | 10 | 17 19'3" | 15 | | | | In lokaler Störung gelegen. |
| 29. | Or | eP? S? M F | 10 | 51 53 54 58'9" | 19 19 43 | 6 | | | |
| 29. | Ou | ePN eSN | 23 | 41 51'5" | 21 | | | | |
| 30. | | eLE L ₁ C F | 0 1 2 | 6 20'0" 0'0" | | 18 40 | 4 | 6 | |
| 30. | Iu | PN eS eL L ₁ L ₂ MN F | 11 12 13 | 46 57'4" 15 ¹ / ₂ 23'1" 28'1" 31'3" 50 | 53 | 26 20 17 17 | 9 -12 | 13 10 10 | |
| Mai. | | | | | | | | | |
| 1. 3. | O | eL F | 7 24 | 3 0 | | | | | |
| 1. | Ou | ePN eS? eL M F | 22 23 | 5 15'2" 36 43 ¹ / ₂ 0 | 7 | 13 | | | |
| 2. | Ov | e? eS? eL F | 12 | 34 34 35 38 | 4 55 25 20 | | | | |
| 5. | O | eL? F | 7 8 | 59 35 | | | | | |
| 6. | Ou | eP eS eL F | 1 2 3 | 42'5" 51'2" 12 10 | | 24 | | 4 | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung | | | |
|----------------|----------------|----------------|------|----|------|----|----|--------------------------------|--|----|----|----|
| | | | h | m | s | | | | | | | |
| 7. | Ou | e | 0 | 35 | | 18 | | 4 | S? | | | |
| | | eL | | 55 | 2 | | | | | | | |
| | | F | 1 | 35 | | | | | | | | |
| 8. | Iu | eP | 18 | 54 | 53 | 13 | +3 | 18 | S? | | | |
| | | i | | 54 | 55 | | | | | | | |
| | | n | 19 | 8 | 39 | | | | | | | |
| | | SE? | | 9 | 6 | 38 | 8 | | | | | |
| | | eL | | 41 | 3 | | | | | | | |
| | L ₁ | | 47 | 4 | 22 | 6 | | | | | | |
| | F | 21 | 0 | | | | | | | | | |
| 15. | Ov | eP | 6 | 7 | 53 | | | | Minutenmarke. | | | |
| | | eS | | 8 | 58 | | | | | | | |
| | | M | | 9 | 20±1 | | | | | | | |
| | | F | | 12 | 2 | | | | | | | |
| 18. | Iu | ePN | 2 | 26 | 28 | | | | | | | |
| | | eSN | | 36 | 7 | | | | | | | |
| | | PSE | | 37 | 32 | | | | | | | |
| | | S ₁ | | 42 | 9 | | | | | | | |
| | | S ₂ | | 46 | 6 | | | | | | | |
| | | eL | | 58 | 3 | | | | | 44 | 25 | 27 |
| | | M | 3 | 6 | 2 | | | | | | | |
| | | M ₁ | | 8 | 50 | | | | | 30 | 38 | |
| M ₂ | | 13 | 45 | 22 | | | | | | | | |
| | F | 5 | 15 | | | | | | | | | |
| 18. | Ov | e | 2 | 27 | 39 | | | | P des vorigen Bebens von Wellen kleinerer Periode überlagert. Gefühl in St. Lambrecht (Obersteiermark), 80 Km. | | | |
| | | F | | ? | | | | | | | | |
| 19. | Ou | eP | 12 | 0 | 50 | | | | | | | |
| | | S | | 11 | 38 | | | | | | | |
| | | F | | ? | | | | | | | | |
| 19. | Ov | e | 12 | 39 | 45 | | | | | | | |
| | | F | | 40 | 6 | | | | | | | |
| 19. | Ir | P | 15 | 50 | 53 | 7 | +3 | -2 ¹ / ₂ | | | | |
| | | iS | | 55 | 31 | | | | | | | |
| | | eL | 16 | 10 | | | | | | 18 | | |
| | | F | | 30 | | | | | | | | |
| 20. | O | eL | 4 | 37 | | | | | | | | |
| | | F | 5 | 10 | | | | | | | | |
| 20. | Ov | eP | 16 | 15 | 41 | | | | Gefühl im Küstenlande zwischen Triest und Fiume (zirka 210 Km.) | | | |
| | | iS | | 16 | 4 | | | | | | | |
| | | M | | 16 | 13 | | | | | | | |
| | | F | | 16 | | | | | | | | |
| | | | | 19 | 5 | | | | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-------|----|--|--|--|--|--|----------------------------|--|--|
| | | | h | m | s | | | | |
| 21. | Ov | e F | 7 | 27 28:3? | 47 | | | | Gefühl in Innsbruck (250 Km.). In lokaler Störung gelegen. |
| 21. | Iu | e eL M F | 14 | 17:5 49 59:6 | | 25 | 29 | | |
| 22. | Ov | e F | 20 | 35 35 | 46 55 | | | | Gefühl im Kulpatale (Kroatien), 185 Km. |
| 24. | Ov | e F | 14 | 58 59? | 51 | | | | Stundenmarke. |
| 24. | Iu | eP eS | 23 | 42 53 | 48 10 | | | | |
| 25. | | eLN eLE M M ₁ C F | 0 | 11:2 15:5 19 27:2 58:3 | | 50 40 30 19 40 | 35 | 31 95 10 | |
| 29. | Ou | eP S eL M F | 10 11 | 24 34 57:5 6 30 | 43 59 15 | { 16 13 | 4 | 2 ¹ / ₂ | |
| 29. | Ou | eP P ₁ eS eL M L ₁ F | 13 14 15 | 41 45 52 14:6 19 25 0 | 48 10 16 51 59 | 19 12 [17] | | 3 ¹ / ₂ 1 ¹ / ₂ | |
| 30. | Iu | eP i iS i M M ₁ M ₂ M ₃ F | 12 15 20 40 44 49 54 15 | 6 15 17 20 40 44 49 54 0 | 9 2 58 13±1 10 20 58 51 | 13 20 70 40 50 28 26 24 | +10 -220 -115 -95 | +9 +20 +240 +190 +95 +100 | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|--------------|------|-----------------------------|------|------------------|----------------|------------|------|-------|--|
| | | | h | m | s | | | | |
| Juni. | | | | | | | | | |
| 4. | Ou | eP eS eL | 10 | 17 27 54 | 30 7 | | | | |
| | | M | | 57.3 | | { 28 30 | 13 | | |
| | | i | 11 | 3 | 2 | 18 | | 13 | |
| | | C | | 42 | | | | -14 | |
| | | F | 13 | 0 | | | | | |
| 11. | Ou | eP eS eL | 6 | 10 21.9 46 | 57 | | | | |
| | | M | | 49 | | 18 | | 3 1/2 | |
| | | F | 8 | 0 | | | | | |
| 13. | Ou | eP eS? eL | 3 | 10 18 37 | | 30 | | | |
| | | M _N | | 49 | | 23 | 10 | | |
| | | M _E | | 50 | | 20 | | 6 | |
| | | C | 4 | 22 | | | | | |
| | | F | | 40 | | | | | |
| 14. | Ou | eP S | 8 | 50 0 | 45 | | | | |
| | | L | 9 | 24 | 52 | | | | |
| | | M | | 27.0 | | 21 | | 6 | |
| | | F | 11 | 30 | | | | | |
| 14. | IIIv | iP iS L | 9 | 35 37 38 | 18 7 10 | | | | |
| | | M _N | | 38 | 46 | 11 | -460 | | |
| | | M _E | | 38 | 52 | 9 | | -310 | |
| | | M _i | | 39 | 44 | 8 | -360 | | |
| | | F | 10 | 50 | | | | | Dieses Beben fällt mit dem vorigen zusammen. Es beginnt mit einer Kompressionswelle. Azimut: E 28° 20' S. Epizentrum: Tirnovo (Bulgarien), 910 Km. |
| 14. | Ou | e P ₁ ? eS | 11 | 38 39 44 | 19 12 22 | | | | |
| | | eL | | 50 1/2 | | 17 | 5 | 4 | |
| | | F | 12 | 20 | | | | | |
| 14. | Iv | eP eS | 12 | 13 15 | 59 46 | | | | |
| | | L | | 16 | 48 | | | | Herd wie oben. |
| | | M | | 16 | 59 | 13 | 4 | 4 | |
| | | F | | 32 | | | | | |
| 18. | Ov | eP? L F | 7 | 45 48 57 | 25 22 | | | | Herd wie oben. |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung | | | | | | | | |
|-------|------|--------------------|------|------|----|----|-----------------|-----|---|-----|----|--------|-------|--|--|--|--|
| | | | h | m | s | | | | | | | | | | | | |
| 18. | Ov | P | 17 | 25 | 6 | 8 | $+1\frac{1}{2}$ | | Herd wie oben. | | | | | | | | |
| | | S | | 26 | 43 | | | | | | | | | | | | |
| | | L | | 27:5 | | | | | | | | | | | | | |
| | | M | | 28 | 41 | | | | | | | | | | | | |
| | | F | | 42 | | | | | | | | | | | | | |
| 19. | Ov | e | 0 | 23:2 | 31 | 9 | $-1\frac{1}{2}$ | | Herd wie oben. | | | | | | | | |
| | | M | | 25 | | | | | | | | | | | | | |
| | | F | | 35 | | | | | | | | | | | | | |
| 19. | Ov | eP? | 17 | 21 | 6 | 9 | -2 | | Herd wie oben. | | | | | | | | |
| | | eL | | 24:8 | | | | | | | | | | | | | |
| | | M | | 27 | | | | | | 0 | | | | | | | |
| | | F | | 37 | | | | | | | | | | | | | |
| 20. | Ov | e | 20 | 2 | 28 | 9 | | | Herd wie oben. | | | | | | | | |
| | | ME | | 5 | | | | | | 20 | | | | | | | |
| | | MN | | 5 | | | | | | 29 | | | | | | | |
| | | F | | 11 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 22. | IIu | P | 14 | 2 | 35 | 12 | -14 | -13 | Azimut: 0° N. Epizentrum: $\varphi = 52\frac{1}{2}^\circ$ n., $\lambda = 164\frac{1}{2}^\circ$ w. (südlich von Alaska). | | | | | | | | |
| | | S | | 2 | | | | | | 39 | | | | | | | |
| | | iPS | | 12 | | | | | | 42 | | | | | | | |
| | | (S ₁)E | | 13 | | | | | | 53 | | | | | | | |
| | | (S ₁)N | | 18 | | | | | | 8 | | | | | | | |
| | | eL | | 18 | | | | | | 23 | 28 | $+23$ | | | | | |
| | | M | | 27 | | | | | | 22 | | | | | | | |
| | | M ₁ | | 30 | | | | | | 52 | 30 | $+38$ | | | | | |
| | | M ₂ | | 37 | | | | | | 44 | 23 | $+32$ | | | | | |
| | | M ₂ | | 45 | | | | | | 40 | 20 | -41 | | | | | |
| | | F | | 17 | | | | | | 0 | | | | | | | |
| | | 23. | | Ou | | | | | | e? | 4 | 28 | | | | | |
| | | | | | | | | | | eL? | | 5 | | | | | |
| F | | | 30 | | | | | | | | | | | | | | |
| 26. | IIIu | P | 5 | 17 | 5 | 8 | -9 | | | | | | | | | | |
| | | P ₁ | | 21 | | | | | | 0 | | | | | | | |
| | | i | | 21 | | | | | | 5 | | | | | | | |
| | | SN? | | 31 | | | | | | 18 | | | | | | | |
| | | iE | | 41 | | | | | | 39 | 20 | -125 | | | | | |
| | | iE | | 46 | | | | | | 26 | 20 | -100 | | | | | |
| | | iN | | 51 | | | | | | 14 | 28 | -170 | | | | | |
| | | L | | 59:3 | | | | | | | 80 | | | | | | |
| | | M | | 6 | | | | | | 0 | 49 | 36 | -250 | | | | |
| | | M ₁ | | 18 | | | | | | 43 | 28 | $+170$ | | | | | |
| | | M ₂ | | 23 | | | | | | 59 | 22 | $+135$ | | | | | |
| | | M ₃ | | 27 | | | | | | 13 | 23 | $+220$ | | | | | |
| | | M ₄ | | 28 | | | | | | 59 | 21 | -210 | | | | | |
| | | M ₅ | | 44 | | | | | | 55 | 20 | $+125$ | | | | | |
| | | M ₆ | | 7 | | | | | | 0 | 49 | 18 | $+65$ | | | | |
| F | 8 | 30 | | | | | | | | | | | | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-------|-----|---------------|------|----------------|---------|----------|-----|-----------------------------------|------------------------------------|
| | | | h | m | s | | | | |
| 26. | Or | eP | 22 | 19 | 48 | 9 | +2 | | |
| | | L | | 24.7 | | | | | |
| | | M F | | 26 33 | 1 | | | | |
| 27. | O | eL F | 2 | 29 45 | | 20 | | | |
| 28. | IIv | P | 8 | 54 | 39 | 11 11 | +15 | -20 | Geführt in Calabrien (900 Km.). |
| | | S | | 56 | 17 | | | | |
| | | L | | 56 | 36 | | | | |
| | | ME MN F | | 57 58 25 | 34 5 | | | | |
| 30. | Or | eP? | 11 | 10 | 46 | 7 | | 1 1/2 | |
| | | L | | 13 | 26 | | | | |
| | | M | | 13 | 53 | | | | |
| | | F | | 16.0 | | | | | |
| 30. | O? | L F | 8 | 0 ? | | | | Durch lokale Störung verdeckt. | |

Juli.

| | | | | | | | | | |
|----|-----|---------------------|----|----------|-------------|----------|-----|--------|--|
| 1. | O | e | 4 | 55 | | | | | |
| | | eL F | 5 | 0 28 | | | | | |
| 4. | Ov | iP | 11 | 3 | 51 | | | | |
| | | M | | 5 | 7 | | | | |
| | | F | | 6 | 36 | | | | |
| 5. | Or | e | 22 | 9 | 16 | 9 9 | -2 | -2 1/2 | |
| | | eL | | 13.6 | | | | | |
| | | MN | | 15 | 46 | | | | |
| | | ME | | 15 | 57 | | | | |
| | | F | | 24 | | | | | |
| 6. | IIr | P | 7 | 8 | 56 | 9 9 | -14 | -12 | |
| | | L? | | 11 | 59 | | | | |
| | | MN | | 15 | 16 | | | | |
| | | ME | | 15 | 35 | | | | |
| | | F | | 35 | | | | | |
| 6. | Ou | e | 16 | 31.8 | | 40 20 | | | |
| | | eS | | 41.0 | | | | | |
| | | eL | | 17 | 4 1/2 | | | | |
| | | L ₁ F | | 18 | 18 1/2 0 | | | | |
| 7. | O | eL F | 10 | 21 48 | | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-------|------|----------------|------|------|-----|----------------|------------|----|--|
| | | | h | m | s | | | | |
| 7. | Iu | eP? | 17 | 55 | 42 | 60 28 24 | 17 | 16 | |
| | | iS | 18 | 4 | 7 | | | | |
| | | eL? | | 31 | | | | | |
| | | L ₁ | | 39 | | | | | |
| | | M | | 48 | | | | | |
| 8. | Ou | F | 20 | 20 | | 36 | 13 | | |
| | | eP | 22 | 28 | 28 | | | | |
| | | eS | | 38 | 58 | | | | |
| | | eL | 23 | 5 | | | | | |
| 9. | Ou | M | | 8 | | | | | |
| | | F | | 50 | | | | | |
| | | e | 0 | 27 | | | | | |
| 11. | Ov | eL | | 49 | | | | | |
| | | F | 1 | 13 | | | | | |
| | | e | 18 | 23 | 6 | | | | |
| 12. | Iu | F | | 23 | 16 | 18 15 | 11 7 | | |
| | | P | 10 | 37 | 5 | | | | |
| | | eS | | 47 | 33? | | | | |
| | | eL | 11 | 13 | | | | | |
| | | M | | 18 | 30 | | | | |
| 15. | Ov | L ₁ | | 24·8 | | | | | |
| | | F | 12 | 5 | | | | | |
| 16. | Ov | e | 22 | 51 | 31 | | | | Spur eines Bebens. Gefühl in Glina (Kroatien), 200 Km. |
| | | F | | 51 | 46 | | | | |
| 16. | Ov | P? | 14 | 24 | 22 | | | | Gefühlt in Petrinja (Kroatien), 185 Km. |
| | | S | | 24 | 42 | | | | |
| | | M | | 24 | 59 | | | | |
| | | F | | 26·9 | | | | | |
| 16. | Ov | e | 17 | 16 | 15 | | | | Herd wie oben. |
| | | F | | 17 | 4 | | | | |
| 20. | O | eL | 12 | 1 | | | | | |
| | | F | | 30 | | | | | |
| 20. | IIIv | P | 12 | 7 | 29 | +46 | -37 +48 | | Dieses Beben fällt mit dem vorigen zusammen. Gefühl in der Rauhen Alb (Württemberg), 400 Km. |
| | | S | | 8 | 12 | | | | |
| | | L | | 8 | 46 | | | | |
| | | M | | 9 | 1 | | | | |
| | | M ₁ | | 9 | 4 | | | | |
| | | F | | 23 | | | | | |
| 21. | Ov | eP? | 22 | 35 | 50 | | | | Herd wie oben. |
| | | L | | 36 | 55 | | | | |
| | | F | | 43 | | | | | |

| Datum | Ch | Ph | Z e i t | | | T | AN | AE | Bemerkung |
|-------|----|----------------|---------|------|----|----|----|----|---|
| | | | h | m | s | | | | |
| 22. | Iu | eP | 6 | 53 | 33 | 48 | 8 | 19 | |
| | | eS | 7 | 2 | 2 | | | | |
| | | eL | | 31'6 | | | | | |
| | | L ₁ | | 34'3 | | | | | |
| | | L ₂ | | 47'4 | | | | | |
| | F | 9 | 15 | 23 | 12 | | | | |
| 22. | Ov | e | 22 | 49 | 2 | | | | |
| | | M | | 50 | 25 | | | | |
| | | F | | 50'9 | | | | | |
| 23. | Ov | e | 4 | 55 | 36 | | | | Geführt im Kulpatale (Kroatien), 185 Km. |
| | | F | | 57 | 23 | | | | |
| 23. | Ov | e | 7 | 36 | 22 | | | | Herd wie oben. |
| | | F | | 38 | 3 | | | | |
| 23. | Ov | e | 7 | 38 | 37 | | | | Herd wie oben. |
| | | F | | 40 | 15 | | | | |
| 23. | Ov | e | 12 | 30 | 3 | | | | Herd wie oben. |
| | | F | | 30 | 15 | | | | |
| 23. | Ov | e | 18 | 42 | 32 | | | | Herd wie oben. |
| | | M | | 43 | 8 | | | | |
| | | F | | 44'5 | | | | | |
| 23. | Ov | P | 22 | 4 | 14 | | | | Herd wie oben. |
| | | F | | 8'9 | | | | | |
| 24. | O? | P | 11 | 4 | 42 | | | | |
| | | F | | 7'2 | | | | | |
| 24. | Ov | e | 15 | 33 | 12 | | | | Herd wie oben. |
| | | F | | 34 | 5 | | | | |
| 25. | Ov | e | 3 | 12 | 3 | | | | Herd wie oben. |
| | | F | | 13'8 | | | | | |
| 25. | Ou | P | 12 | 50 | 43 | 22 | | 6 | |
| | | eS | 13 | 1 | 18 | | | | |
| | | PS | | 2 | 12 | | | | |
| | | eL | | 21 | | | | | |
| | | F | 14 | 30 | | | | | |
| 25. | Ov | eP | 22 | 20 | 44 | | | | Herd wie oben. |
| | | F | | 23 | 41 | | | | |
| 26. | Ov | eP | 14 | 38 | 51 | | | | Herd wie oben. |
| | | F | | 40 | 36 | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|----------------|----|---|----------------|---------------------------------|----------------------------|----------------------|------------------|-------------------|---|
| | | | h | m | s | | | | |
| 26. | Ov | e F | 16 | 49 49 | 5 17 | | | | Herd wie oben. |
| 26. | Ir | eP S L M _N M _E F | 22 23 | 56 1 4 9 10 | 27 35 51 44 53 | 20 14 15 | +8 | 9 -11 | |
| 28. | Iu | e eS eL M M ₁ F | 5 6 7 | 53 3 24 31 35 45 | 22 52 33 34 | 26 28 22 | 11 | 22 22 | |
| 28. | Ou | eL M F | 13 14 | 3 $\frac{1}{2}$ 35 20 | . | 20 | | 4 $\frac{1}{2}$ | |
| 30. | Ov | eP F | 8 | 35 37 | 48 39 | | | | Gefühlt in Derwent (Bosnien), 300 Km. |
| 31. | Ou | eP? eL F | 11 12 | 51 26 55 | 27 | | | | |
| 31. | Iv | P M F | 20 | 1 2 5 | 35 0 10 | | | | Gefühlt in Glina und Petrinja (Kroatien), 185 Km. |
| 31. | O | eL F | 22 23 | 47 1 | | | | | |
| August. | | | | | | | | | |
| 1. | Ou | eP? eL F | 8 9 10 | 55 27 0 | 51 | | | | |
| 1. | Iu | P iS L M M ₁ F | 17 18 20 | 23 33 48 54 0 0 | 8 13 20 52 | 10 26 21 16 | +6 +36 +48 | -9 -110 -21 | |

| Datum | Ch | Ph | Z e i t | | | T | AN | AE | Bemerkung |
|-------|------|---|----------------|--|--|----------|------------------|---|-----------|
| | | | h | m | s | | | | |
| 4. | Ou | eP eS eL F | 21 22 | 22 33 12 50 | 49 | | | | |
| 5. | Ou | eP eS eL F | 2 3 | 0 10·4 27 10 | 22 | | | | |
| 6. | IIIu | eP P ₁ S i i eL M M ₁ M ₂ M ₃ M ₄ F | 22 23 | 28 32 39 41 47 58 0 6 11 15 18 | 29 33 23 57 35 22 2 32 47 3 48 | 26 24 | +190 +110 | Zerstörendes Beben in Peru (10.000 Km). | |
| 7. | | | | | | | +400 | | |
| 7. | Ou | eP? eS? eL L ₁ F | 2 3 | 24 35 59 10 50 | 43 27 | 18 | 6 | Im folgenden Beben gelegen. | |
| 13. | Iu | P iP ₁ eS eL M F | 4 5 7 | 39 42 49 12 24 30 | 3 52 12 | 30 26 | 9 16 | | |
| 15. | Iu | eP P ₁ iS _N eL M M ₁ F | 19 20 21 | 16 19 26 50 1 4 30 | 15 59 49 | 19 15 | 6 3 6 5 | | |
| 17. | Ov | eP M F | 17 | 10 11 17·7 | 28 3 | | | Gefühlt in Bregenz (Bodensee), 350 Km. | |
| 18. | O | eL F | 7 | 8 29 | | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-------------------|----|--|----------------|--------------------------------------|--------------------------|----------------------|----------|----------------|-----------------------------------|
| | | | n | m | s | | | | |
| 24. | Ov | eP M F | 15 | 25 26 27 | 53 22 14 | | | | Gefühl in Innsbruck (250 Km.). |
| 30. | Ou | eP eS? eL F | 23 | 25 36 | 26 | | | | |
| 31. | | | 0 | 6 50 | | 23 | 6 | | |
| 31. | Ou | eP eL F | 4 5 6 | 59 35 15 | 56 | | | | |
| 31. | Ou | P eS eL F | 6 7 8 | 24 37? 19 15 | 52 | 26 | | | |
| 31. | Ou | eP eS? eL F | 17 18 19 | 33 42 8 40 | | | | | |
| September. | | | | | | | | | |
| 1. | Ou | eP eL F | 21 22 | 10 6 50 | 57 | 20 | | | |
| 2. | Ou | eP S? eL L ₁ F | 19 20 | 27 38 4 24 45 | | 28 24 | 5 | | |
| 3. | Iu | eP eS eL M M ₁ M ₂ F | 21 22 24 | 12 22 43 50 55 4 0 | 3 16 39 0 38 | 40 28 24 24 | 15 16 | 19 17 21 | |
| 6. | O | eL F | 17 | 15 51 | | | | | |
| 10. | Ou | e eL F | 8 9 | 8 17 0 | | 22 | | | |
| 13. | O | eL F | 2 3 | 50 50? | | | | | Windstörung. |

| Da- tum | Ch | Ph | Z e i t | | | T | AN | AE | Bemerkung |
|-----------------|-----|--|-------------|--|----------------------|----------------|----|---------|--|
| | | | h | m | s | | | | |
| 15. | O | e F | 6 | 7 45 | | | | | |
| 16. | Iu | P i eL MN ME F | 12 | 4 15'2 22 32'4 33'8 | 52 | 28 13 13 | 4 | 4 | S? |
| 20. | Ov | e F | 3 | 47 47'9 | 18 | | | | Geführt in Innsbruck (250 Km.). |
| 20. | Ov | e F | 15 | 58 58'9 | 2 | | | | Herd wie oben. |
| 26. | O | e F | 22 | 51 40 | | 20 | | | |
| 30. | Ou | e eL F | 4 5 | 41 59 20 | | | | | |
| 30. | Ir | eP S L ME MN F | 7 8 | 37 39 41'4 42 43 30 | 3 44 | 8 9 | -9 | +12 | |
| Oktober. | | | | | | | | | |
| 2. | IIu | P S ie iN eL M M ₁ F | 4 5 6 | 36 46 47 47 2 9 20 25 | 27 54 21 23 | 10 9 | +7 | +9 | Geführt am Isthmus von Panama (9350 Km.). |
| 3. | Ou | eP? eL L ₁ F | 0 1 | 26 0 10 30 | 45 | 22 16 | 6 | 11 9 | |
| 4. | O | eL F | 0 | 49 58 | | | | | |

| Da- tum | Ch | Ph | Z e i t | | | T | AN | AE | Bemerkung | |
|------------|-----|----------------|---------|------|------|----|-----|-----|----------------------|---|
| | | | h | m | s | | | | | |
| 4. | IIv | P | 18 | 27 | 25 | 5 | -7 | -15 | | |
| | | S | | 28 | 42 | | | | | 7 |
| | | M | | 29 | 9 | | | | | 7 |
| | | M ₁ | | 29 | 21 | | | | | 8 |
| | | M ₂ | | 29 | 47 | | | | | |
| F | 50 | | | | | | | | | |
| 4. | O? | P | 20 | 48 | 57 | | | | | |
| | | F | | 51.8 | | | | | | |
| 4. | Ou | eP | 22 | 18 | 27 | 9 | | -3 | | |
| | | eS | | 28 | 56 | | | | | |
| | | i | | 29 | 16 | | | | | |
| | | eL | | 47 | | | | | | |
| | | F | 23 | 30 | | | | | | |
| 8. | Ou | eP? | 6 | 2.0 | | | | | | |
| | | eL | | 38 | | | | | | |
| | | F | 7 | 10 | | | | | | |
| 9. | O | eL | 22 | 31 | 30 | | | | | |
| | | F | | 57 | | | | | | |
| 9. | O | eL | 23 | 43 | 30 | | | | | |
| | | L ₁ | | 58 | 17 | | | | | |
| 10. | | F | 0 | 40 | | | | | | |
| 11. | Iu | e | 1 | 55 | 37 | | | | | |
| | | eS | 2 | 4 | 38 | | | | | |
| | | i | | 4 | 57 | | | | | |
| | | eL | | 32 | | | | | | |
| | | L ₁ | | 38.2 | 24 | 12 | 13 | | | |
| | | M | | 45.8 | 22 | | 18 | | | |
| | | M ₁ | | 47.9 | 20 | 14 | 13 | | | |
| | | F | 4 | 10 | | | | | | |
| 11. | IIu | e | 4 | 26 | 54 | | | | | |
| | | eS | | 36 | 34 | | | | | |
| | | e | | 44.3 | 40 | | | | | |
| | | eL | | 5 | 3.7 | 42 | 40 | 45 | Einige lange Wellen. | |
| | | M | | | 17.6 | 23 | | +37 | | |
| F | 7 | 0 | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 11. | IIu | eP | 9 | 22 | 21 | | | | | |
| | | S | | 32 | 30 | | | | | |
| | | eL | | 52.2 | 30 | | | | | |
| | | M | | 56 | 24 | 15 | 22 | | | |
| | | M ₁ | | 58 | 24 | 18 | +43 | | | |
| | | M ₂ | | 10 | 2 | 46 | | | | |
| | | F | | 11 | 40 | 16 | +24 | | | |
| | | | | | | | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|-------|-----|---|--------------------------|--|--------------------|--|-----------------|--|--|
| | | | h | m | s | | | | |
| 12. | Iu | eP eS eL M F | 17 18 | 16 26 47 50 30 | 9 21 | 20 | 9 | | |
| 14. | Ou | eP? eS eL F | 6 7 8 | 51 1'4 25 0 | 28 | | | In lokaler Störung gelegen. | |
| 14. | Ilu | iP i S S ₁ eL M M ₁ M ₂ C C ₁ C ₂ F | 8 9 10 11 12 | 28 28 42 50 7'7 12'7 16'5 20'5 49 54 54 5 | 4 18 17 8 | 4[1] 4[1] 36 36 64 50 28 30 40 50[40] 40 | +3 +15 48 | +7 +18 160 37 | Sehr scharfer Einsatz. Azimut: ENE (Salomo Inseln, 14.000Km?) |
| 14. | Ov | e M F | 8 | 39 39 40'9 | 8 36 | | | Dieses Beben fällt mit dem vorigen zusammen. | |
| 14. | O | eL F | 16 17 | 55 10 | | | | | |
| 14. | O | eL F | 22 23 | 40 0 | | 24 | | | |
| 23. | Or | ePN eSN? eL F | 12 | 24 29 33 40 | 27 22 | | | | |
| 23. | Ou | eP S eL F | 15 16 | 13 23 42 50 | 46 21 | 18 | 4 | | |
| 25. | Ou | eS eL F | 15 16 | 26 54'6 20 | 1 | 24 | | | |
| 26. | Ou | e eL | 23 | 16 33 | | 34 | | | |
| 27. | | F | 0 | 30 | | | | | |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|------------------|----|---|----------------|---|----------------------|----------------------|----|----------------|--|
| | | | h | m | s | | | | |
| 29. | Ov | P S? M F | 0 | 26 27 27 30·0 | 30 7 32 | | | | |
| 29. | Iu | ePE iSN eL F | 4 5 6 | 44 55 22 15 | 55 7 | 7 17 | +4 | | |
| 30. | Or | eP eL M F | 3 | 28 33 33 43 | 54 34 54 | 8 | +3 | | |
| 30. | O | eL F | 3 | 8 19 | | 17 | | | |
| November. | | | | | | | | | |
| 4. | O | eL F | 10 11 | 46 15 | | 20 | | 7 | Die Vorläufer sind durch eine Aichung verdeckt. |
| 6. | Ou | P eS? | 10 | 44 55 | 17 46 | | | | Andere Phasen wegen starker mikroseismischer Bewegung unkenntlich. |
| 9. | O | eL F | 12 | 22 50 | | 24 | | | |
| 9. | O | eL F | 14 15 | 21 0 | | 24 | | | |
| 10. | Iu | eP P ₁ eS S ₁ eL (L ₁) _E (L ₁) _N L ₂ F | 21 22 24 | 31 35 42 47 10 29·2 33·6 55 0 | 58 27 25 18 | 36 25 24 19 | | 24 39 15 | |
| 15. | Ou | iP eL F | 5 6 7 | 46 43 40 | 24 | 24 | 7 | | |
| 17. | O | eL F | 22 | 29 38 | | | | | |
| 18. 30. | | | 16 24 | 38 0 | bis | | | | Wegen Restaurierung des Pendels keine Aufzeichnungen. |

| Datum | Ch | Ph | Zeit | | | T | AN | AE | Bemerkung |
|------------------|----|--|----------|--|---------------------|----------------|------------------|------------------|---|
| | | | h | m | s | | | | |
| Dezember. | | | | | | | | | |
| 1. 10. | | | 0 13 | 0 6 | bis | | | | Wegen Restaurierung des Pendels keine Aufzeichnungen. |
| 15. | O | eL F | 18 | ? ? | | | | | Fehlen der Stunden- und Minutenmarken. |
| 21. | Iu | P eS eL ME MN M _I F | 15 16 | 49 58'5 16 19 20 27 30 | 11 | | | | |
| | | | | | | 20 18 14 | 16 | 14 10 | |
| 22. | Ov | e M F | 11 | 40 40 41 | 16 33 11 | | | | |
| 25. | Or | P eS L ME F | 6 7 | 56 2 9 11 32 | 13 12 22 6 | 13 11 | 2 ^{1/2} | 1 ^{1/2} | |

Die mikroseismische Bewegung in Graz im Jahre 1913.

| Datum | NS | | | | | | | | EW | | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0h | | 6h | | 12h | | 18h | | 0h | | 6h | | 12h | | 18h | |
| | T | A | T | A | T | A | T | A | T | A | T | A | T | A | T | A |
| Jänner. | | | | | | | | | | | | | | | | |
| 1. | 6 | 0·1 | 7 | 0·4 | 7,8 | 1·1 | 7 | 0·8 | 6 | 0·1 | 6 | 0·3 | 7 | 0·6 | 7 | 0·8 |
| 2. | 6,7 | 0·8 | 6,7 | 0·8 | 7-9 | 1·3 | 6-8 | 1·2 | 7 | 0·6 | 7 | 0·9 | 5-8 | 1·0 | 6-8 | 1·2 |
| 3. | 7,8 | 1·0 | 7,8 | 0·8 | 6,8 | 0·7 | 7,8 | 0·6 | 7,8 | 1·1 | 7 | 1·0 | 7 | 0·9 | 7,8 | 1·2 |
| 4. | 7-9 | 0·9 | 7-9 | 1·3 | 7,9 | 0·8 | 7,8 | 0·7 | 7,8 | 0·9 | 7,9 | 1·2 | 7-9 | 1·2 | 7,8 | 1·0 |
| 5. | 7,8 | 0·6 | 7 | 0·7 | 7 | 0·6 | 8 | 0·6 | 7,8 | 1·1 | 7 | 1·2 | 7 | 1·0 | 7 | 1·1 |
| 6. | 7 | 0·5 | 7 | 0·5 | 7 | 0·4 | 7 | 0·2 | 8 | 0·6 | 7 | 0·5 | 7 | 0·6 | 7 | 0·4 |
| 7. | 7 | 0·3 | 5-8 | 0·6 | 6,7 | 0·3 | 6 | 0·7 | 7 | 0·4 | 5-8 | 0·3 | 8 | 0·6 | 8 | 0·5 |
| 8. | —1 | —1 | 9 | 1·2 | 7 | 1·3 | 7 | 1·2 | —1 | —1 | 8 | 1·2 | 9 | 1·2 | 8 | 1·1 |
| 9. | 6,8 | 1·0 | 7 | 1·5 | 7 | 2·3 | 7 | 1·6 | 8 | 1·0 | 7 | 1·1 | 7 | 2·2 | 7 | 1·6 |
| 10. | 6,7 | 1·4 | 6,7 | 1·9 | 7 | 1·2 | 7 | 2·6 | 7 | 1·4 | 6 | 1·3 | 6-8 | 1·4 | 7,8 | 1·6 |
| 11. | 8 | 2·4 | 8 | 2·5 | 8 | 2·7 | 7,8 | 2·5 | 7 | 2·2 | 7 | 2·5 | 7,8 | 2·0 | 8 | 2·3 |

¹ Durch ein Beben gestört.

| Datum | NS | | | | | | | | EW | | | | | | | |
|-----------------|-----|-----|------|-----|--------|-----|----------------|------------------|--------|-----|-----------------|------------------|--------|-----|----------------|----------------|
| | 0h | | 6h | | 12h | | 18h | | 0h | | 6h | | 12h | | 18h | |
| | T | A | T | A | T | A | T | A | T | A | T | A | T | A | T | A |
| Jänner. | | | | | | | | | | | | | | | | |
| 12. | 7 | 2.1 | 7 | 2.7 | 7,8 | 2.8 | 8 | 2.7 | 8 | 2.6 | 8 | 2.7 | 8 | 2.5 | 7,8 | 2.2 |
| 13. | 8 | 1.4 | 8 | 1.3 | 8 | 1.3 | 8 | 1.2 | 7,8 | 1.7 | 8 | 1.5 | 8,9 | 1.3 | 8 | 1.3 |
| 14. | 8 | 0.9 | 8 | 0.7 | 8 | 1.2 | 8 | 1.0 | 8 | 1.2 | 8 | 1.4 | 8 | 1.2 | 8 | 1.3 |
| 15. | 7-9 | 0.4 | 7-9 | 1.3 | 9 | 1.3 | 9 | 1.5 | 7-9 | 0.9 | 7-9 | 1.1 | 7-9 | 2.0 | 9 | 1.7 |
| 16. | 10 | 2.3 | 9,10 | 2.1 | 9,10 | 1.3 | 9 | 1.7 | 9,10 | 2.0 | 10 ¹ | 5.0 ¹ | 10 | 2.5 | 9,10 | 2.0 |
| 17. | 9 | 1.6 | 9 | 0.9 | 8 | 1.4 | 8 | 0.7 | 9 | 2.0 | 9 | 1.4 | 9 | 1.4 | 9 | 1.1 |
| 18. | 8 | 0.4 | 7 | 0.5 | 7 | 0.2 | 7 | 0.1 | 9 | 0.6 | 8,9 | 0.7 | 8 | 0.8 | 7 | 0.5 |
| 19. | 7 | 0.1 | 7 | 0.4 | 6 | 1.2 | - ² | - ² | 7 | 0.1 | 6 | 0.3 | 6 | 0.7 | - ² | - ² |
| 20. | 7 | 0.5 | 6 | 0.8 | 7 | 0.3 | 7 | 0.3 | 6 | 0.5 | 6,7 | 0.6 | 6,7 | 0.5 | 7 | 0.4 |
| 21. | 5,7 | 0.2 | 5,7 | 0.6 | 5,7 | 0.5 | 5 | 0.2 | 7 | 0.3 | 6,7 | 0.2 | 5-7 | 0.1 | 5 | 0.2 |
| 22. | 5 | 0.1 | 5 | 0.3 | 5 | 0.1 | 5 | 0.1 | 5 | 0.1 | 5 | 0.1 | 5 | 0.1 | 5 | 0.1 |
| 23. | 5 | 0.2 | 5 | 0.7 | 5 | 1.2 | 5,6 | 0.8 | 5 | 0.1 | 7 | 0.5 | 5,6 | 0.9 | 5,6 | 0.9 |
| 24. | 5 | 0.7 | 5 | 1.0 | 5 | 1.0 | 5 | 0.6 | 5 | 0.6 | 5 | 1.1 | 5,6 | 1.3 | 5 | 1.1 |
| 25. | 5,6 | 0.6 | 5 | 0.5 | 5 | 0.3 | 5 | 0.2 | 5 | 0.6 | 5 | 0.5 | 4,5 | 0.1 | 5 | 0.2 |
| 26. | 5,6 | 0.2 | 6 | 0.1 | 7 | 0.3 | — | — | 5 | 0.1 | 6 | 0.5 | 6 | 0.1 | — | — |
| 27. | 5 | 0.1 | — | — | — | — | 5 | 0.1 | — | — | — | — | — | — | — | — |
| 28. | — | — | — | — | — | — | 5 | 0.1 | — | — | — | — | — | — | 5 | 0.2 |
| 29. | 5 | 0.1 | 5 | 0.2 | Unruhe | — | 6 | 0.2 | 5 | 0.4 | 5 | 0.5 | Unruhe | — | 5 | 0.1 |
| 30. | 7 | 0.2 | 6 | 0.5 | 6,7 | 0.6 | 6,7 | 0.6 | 6 | 0.2 | 6 | 0.7 | 5-7 | 0.2 | 6 | 1.1 |
| 31. | 7 | 0.7 | 7,8 | 1.6 | 7 | 1.7 | 8 | 1.4 | 7 | 1.2 | 8 | 1.2 | 8 | 1.9 | 8 | 2.0 |
| Februar. | | | | | | | | | | | | | | | | |
| 1. | 9 | 1.3 | 8 | 2.1 | 8 | 1.4 | 8 | 1.6 | 9 | 1.6 | 9 | 1.6 | 9 | 1.8 | 9 | 1.3 |
| 2. | 8 | 1.2 | 8,9 | 1.1 | 8,9 | 1.0 | 8 | 1.0 | 9 | 1.2 | 9 | 1.3 | 9 | 1.3 | 9 | 0.9 |
| 3. | 8 | 0.8 | 8 | 1.3 | 8 | 2.5 | 8 ³ | 2.6 ³ | 8,9 | 0.7 | 8 | 1.2 | 8 | 2.5 | 9 | 2.8 |
| 4. | 8 | 2.3 | 8 | 2.4 | 8 | 2.1 | 8,9 | 2.1 | 8,9 | 1.9 | 8,9 | 2.1 | 9 | 2.6 | 9 | 2.0 |
| 5. | 8,9 | 2.0 | 9 | 1.8 | 8,9 | 2.4 | 8,9 | 2.5 | 9 | 1.8 | 9 | 1.9 | 9 | 2.6 | 9 | 1.5 |
| 6. | 8 | 1.3 | 8 | 1.3 | 8 | 1.7 | 8 | 1.3 | 8,9 | 1.2 | 8,9 | 1.3 | 8,9 | 1.6 | 8,9 | 1.2 |
| 7. | 8 | 1.2 | 8 | 1.9 | 8 | 1.3 | 7,8 | 1.1 | 8,9 | 1.1 | 9 | 1.4 | 8,9 | 1.6 | 7-9 | 1.4 |
| 8. | 7,8 | 1.0 | 7,8 | 1.6 | 7-9 | 1.1 | 7-9 | 0.8 | 7-9 | 1.4 | 7 | 1.4 | 7,9 | 1.2 | 7,9 | 1.1 |
| 9. | 7,8 | 0.6 | 7,8 | 1.0 | 7 | 1.2 | 7 | 1.2 | 7,9 | 0.9 | 7,9 | 0.8 | 7,8 | 1.0 | 7-9 | 1.0 |
| 10. | 8 | 0.9 | 8 | 1.2 | 9 | 1.2 | 8,9 | 0.8 | 7-9 | 1.2 | 7,8 | 1.2 | 8,9 | 1.1 | 7-9 | 0.4 |
| 11. | 8 | 0.6 | 8 | 0.5 | 8 | 0.3 | 8 | 0.2 | 7-9 | 0.2 | Unruhe | — | 5,7 | 0.2 | Unruhe | — |
| 12. | 8 | 0.2 | 5,9 | 0.1 | Unruhe | — | 5,7 | 0.1 | Unruhe | — | Unruhe | — | Unruhe | — | 7 | 0.4 |
| 13. | 7 | 0.4 | 6,8 | 0.6 | 7 | 0.5 | 7 | 0.3 | 7 | 0.3 | 7 | 0.8 | 7,9 | 0.1 | — | — |
| 14. | 5,7 | 0.1 | 7 | 0.3 | Unruhe | — | 6 | 0.4 | — | — | 7 | 0.4 | 7 | 0.1 | Unruhe | — |
| 15. | 7 | 0.6 | 3,8 | 1.0 | 3,7 | 0.3 | 7 | 0.7 | — | — | 7 | 0.2 | 7 | 0.8 | 7 | 0.2 |
| 16. | 7 | 0.9 | 7 | 0.6 | 7 | 0.2 | 7 | 0.1 | 7 | 0.1 | 7 | 0.1 | — | — | — | — |
| 17. | — | — | 5,7 | 0.2 | 7 | 0.4 | 7 | 0.1 | — | — | 5 | 0.1 | Unruhe | — | — | — |
| 18. | — | — | 6 | 0.1 | Unruhe | — | 6 | 1.3 | — | — | — | — | 5 | 0.1 | 5,6 | 0.1 |
| 19. | 6,7 | 0.7 | 7 | 1.8 | 6,7 | 1.6 | 6 | 1.2 | 6 | 0.5 | 6 | 0.6 | 6 | 0.7 | 6 | 0.4 |
| 20. | 6 | 0.1 | 5,6 | 0.4 | Unruhe | — | Unruhe | — | 5 | 0.1 | 5 | 0.1 | Unruhe | — | 6 | 0.2 |
| 21. | 6 | 0.3 | 6 | 1.1 | 6,7 | 1.1 | 6 | 0.5 | 6 | 0.1 | 6 | 0.2 | 6 | 0.2 | 6 | 0.3 |
| 22. | 6 | 0.1 | — | — | 5 | 0.1 | 5,7 | 0.2 | 6 | 0.1 | 6 | 0.1 | — | — | — | — |
| 23. | 5,7 | 0.1 | 5,7 | 0.9 | 5 | 0.2 | 5 | 0.1 | 5 | 0.1 | 5 | 0.7 | 5 | 0.2 | 5 | 0.2 |
| 24. | 5 | 0.1 | 7 | 0.3 | 5,7 | 0.1 | 5,7 | 0.1 | 5 | 0.1 | 5 | 0.3 | 5 | 0.1 | 5,6 | 0.1 |

¹ Gemessen um 6h 36 m.² Durch ein Beben gestört.³ Maximum um 16h 53 m 3.8 p.

| Datum | NS | | | | | | | | EW | | | | | | | |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0h | | 6h | | 12h | | 18h | | 0h | | 6h | | 12h | | 18h | |
| | T | A | T | A | T | A | T | A | T | A | T | A | T | A | T | A |
| Februar. | | | | | | | | | | | | | | | | |
| 25. | — | — | — | — | 5,7 | 0·1 | 7 | 0·1 | 5,6 | 0·1 | 5 | 0·2 | 5,7 | 0·1 | 7 | 0·2 |
| 26. | — | — | — | — | 7 | 0·1 | — | — | — | — | 7 | 0·3 | — | — | 7 | 0·1 |
| 27. | — | — | 7 | 0·1 | 5,6 | 0·1 | — | — | — | — | 5,7 | 0·1 | 6 | 0·1 | 6 | 0·1 |
| 28. | — | — | 6 | 0·1 | — | — | — | — | — | — | 5 | 0·1 | 6 | 0·1 | 6 | 0·1 |
| März. | | | | | | | | | | | | | | | | |
| 1. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2. | — | — | 5 | 0·1 | 5 | 0·1 | 5 | 0·1 | — | — | 5 | 0·1 | 5 | 0·1 | — | — |
| 3. | — | — | 5 | 0·2 | 5,6 | 0·2 | 5,7 | 0·6 | 6 | 0·1 | 6 | 0·2 | 5,6 | 0·2 | 6,7 | 0·5 |
| 4. | 7 | 0·4 | 7 | 0·9 | 8 | 1·1 | 7,8 | 1·2 | 7 | 0·4 | 7,8 | 0·9 | 8 | 1·0 | 7,8 | 1·3 |
| 5. | 8 | 1·1 | 8 | 1·5 | 9 | 2·5 | 9 | 2·4 | 7,8 | 1·2 | 8,9 | 1·8 | 9 | 2·5 | 9 | 1·7 |
| 6. | 8,9 | 2·1 | 9 | 2·3 | 8 | 2·1 | 7,8 | 1·3 | 8 | 1·3 | 9 | 1·8 | 8,9 | 1·4 | 8 | 1·1 |
| 7. | 8 | 0·8 | 8 | 0·9 | 8 | 0·6 | 5,7 | 0·4 | 7 | 1·0 | 8 | 1·1 | 7,8 | 0·6 | 7 | 0·3 |
| 8. | 5,8 | 0·1 | 6,8 | 0·3 | 6,8 | 0·2 | 6,7 | 0·2 | 6,7 | 0·1 | 7 | 0·1 | 6,7 | 0·1 | 6,7 | 0·1 |
| 9. | — | — | 7 | 0·1 | 5-7 | 0·7 | 5-7 | 0·5 | — | — | — | — | 5,7 | 0·1 | 5,7 | 0·1 |
| 10. | 7 | 0·5 | 7 | 1·1 | 7 | 1·2 | 7 | 1·1 | 7 | 0·2 | 7 | 1·3 | 7 | 1·2 | 6 | 0·9 |
| 11. | 7 | 0·9 | 7 | 0·8 | 7 | 0·3 | 7 | 0·2 | 6 | 0·4 | 7 | 0·5 | 7 | 0·6 | 7 | 0·1 |
| 12. | 7 | 0·2 | 7 | 0·5 | 5,7 | 0·3 | 7 | 0·2 | — | — | 6 | 0·1 | 5-7 | 0·3 | 6,7 | 0·6 |
| 13. | 7 | 0·2 | 6,7 | 1·0 | 6,7 | 0·9 | 5-7 | 1·0 | 7 | 0·2 | 7 | 1·0 | 6 | 0·8 | 5,6 | 0·7 |
| 14. | 5-7 | 1·0 | 6 | 0·8 | 7 | 1·2 | 7 | 0·9 | 5,6 | 0·7 | 6 | 1·1 | 5,6 | 0·7 | 6 | 0·7 |
| 15. | 7 | 0·7 | 8 | 1·2 | 7,8 | 1·2 | 6-8 | 0·8 | 8 | 0·4 | 8 | 1·2 | 8 | 1·1 | 8 | 1·2 |
| 16. | 8 | 0·9 | 8 | 0·7 | 7,8 | 1·0 | 7 | 0·9 | 8 | 0·8 | 8 | 1·2 | 8 | 1·1 | 8 | 0·7 |
| 17. | 6,7 | 0·6 | 6,7 | 0·6 | 7 | 0·6 | 5 | 0·7 | 6,8 | 0·6 | 6,8 | 1·0 | 8 | 0·4 | 5 | 1·1 |
| 18. | 5,7 | 0·4 | 5,7 | 0·2 | 5 | 0·6 | — | — | 5 | 0·2 | 5 | 0·1 | 6 | 0·3 | 5 | 0·2 |
| 19. | 5 | 0·3 | 5-7 | 0·5 | 5,7 | 1·0 | 6-8 | 1·0 | 5 | 0·1 | 5-7 | 0·2 | 5,7 | 0·8 | 5,7 | 1·1 |
| 20. | 5-8 | 0·8 | 5-8 | 0·6 | 5-9 | 0·9 | 5-9 | 1·2 | 5,7 | 1·1 | 5,7 | 1·0 | 7 | 1·2 | 9 | 1·4 |
| 21. | 7-9 | 0·7 | 7-9 | 0·9 | 9 | 1·1 | 9 | 0·9 | 9 | 1·1 | 9 | 1·2 | 9 | 1·3 | 9 | 1·2 |
| 22. | 7,9 | 0·5 | 7,9 | 0·4 | 6,8 | 0·3 | 6,8 | 0·3 | 8 | 1·1 | 5,8 | 0·6 | 5,8 | 0·2 | 5,8 | 0·2 |
| 23. | 6,7 | 0·1 | 6,7 | 0·1 | 5 | 0·1 | 5 | 0·1 | 5,8 | 0·1 | 5 | 0·1 | 5 | 0·1 | 5 | 0·1 |
| 24. | 5 | 0·1 | 5 | 0·1 | — | — | — | — | 5 | 0·1 | — | — | — | — | — | — |
| 25. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26. | — | — | — | — | — | — | 5 | 0·1 | — | — | 5 | 0·1 | 5 | 0·1 | — | — |
| 27. | 5 | 0·1 | 5 | 0·1 | 5 | 0·1 | 8 | 0·1 | — | — | 5 | 0·1 | 5 | 0·1 | 5 | 0·1 |
| 28. | 6 | 0·2 | 6 | 1·2 | 5,7 | 1·1 | 7,9 | 0·7 | 5 | 0·1 | 6 | 0·3 | 7 | 1·0 | 7 | 0·9 |
| 29. | 7 | 0·4 | 7 | 0·3 | 7 | 0·3 | 7,9 | 0·2 | 7-9 | 0·4 | 7-9 | 0·7 | 7-9 | 0·6 | 9 | 0·1 |
| 30. | 9 | 0·1 | 9 | 0·1 | — | — | — | — | — | — | — | — | — | — | — | — |
| 31. | — | — | — | — | — | — | 8 | 0·2 | — | — | — | — | 8 | 0·1 | 8 | 0·3 |
| April. | | | | | | | | | | | | | | | | |
| 1. | 8 | 0·1 | 8 | 0·2 | 8 | 0·3 | 8 | 0·2 | 8 | 0·1 | 8 | 0·3 | 8 | 0·1 | 8 | 0·1 |
| 2. | 7 | 0·1 | 7 | 0·1 | 7 | 0·1 | 7 | 0·1 | 8 | 0·1 | 8 | 0·1 | — | — | — | — |
| 3. | — | — | — | — | — | — | — | — | — | — | 6 | 0·1 | — | — | — | — |
| 4. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10. | — | — | — | — | — | — | 5 | 0·2 | — | — | 5 | 0·1 | — | — | 5 | 0·1 |

| Datum | NS | | | | | | | | EW | | | | | | | |
|------------------|----------------|----------------|----------------|----------------|-----|-----|----------------|----------------|----------------|----------------|----------------|----------------|--------|-----|----------------|----------------|
| | 0h | | 6h | | 12h | | 18h | | 0h | | 6h | | 12h | | 18h | |
| | T | A | T | A | T | A | T | A | T | A | T | A | T | A | T | A |
| Oktober. | | | | | | | | | | | | | | | | |
| 1. | — | — | — | — | — | — | 5 | 0'1 | — | — | — | — | 5 | 0'1 | 5 | 0'1 |
| 2. | 5 | 0'1 | 5 | 0'1 | 5 | 0'1 | — | — | 5 | 0'1 | 5 | 0'2 | 5 | 0'1 | — | — |
| 3. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4. | — | — | 5 | 0'1 | 5 | 0'1 | 5 | 0'1 | — | — | 5 | 0'1 | 5 | 0'1 | — | — |
| 5. | — | — | — | — | 5 | 0'1 | 5 | 0'1 | — | — | 5 | 0'1 | 5 | 0'1 | — | — |
| 6. | 5 | 0'1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10. | — | — | — | — | 5.7 | 0'1 | 7 | 0'1 | — | — | — | — | 5.7 | 0'1 | 7 | 0'1 |
| 11. | 5 | 0'1 | — | — | 5 | 0'1 | 5 | 0'1 | — | — | — | — | 5 | 0'1 | 5 | 0'1 |
| 12. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13. | — | — | 5 | 0'1 | — | — | — | — | — | — | 5 | 0'1 | — | — | — | — |
| 14. | — | — | 5 | 0'2 | 5.7 | 0'1 | 7 | 0'3 | — | — | 5 | 0'1 | 5.7 | 0'2 | 5 | 0'1 |
| 15. | 5 | 0'1 | 5 | 0'1 | 5 | 0'1 | — ¹ | — ¹ | 5 | 0'1 | 5 | 0'1 | 5 | 0'2 | — ¹ | — ¹ |
| 16. | — ¹ | — ¹ | — ¹ | — ¹ | 5 | 0'1 | 5 | 0'1 | — ¹ | — ¹ | — ¹ | — ¹ | 5 | 0'1 | 5 | 0'1 |
| 17. | 5 | 0'1 | 6 | 0'2 | 6 | 0'6 | 6 | 0'5 | 5 | 0'1 | 6 | 0'2 | 6 | 0'9 | 6 | 0'2 |
| 18. | 6 | 0'5 | 5 | 0'2 | 5 | 0'2 | 5 | 0'1 | 5 | 0'1 | 5 | 0'5 | 5 | 0'1 | 5 | 0'1 |
| 19. | 5 | 0'1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20. | — | — | 5 | 0'1 | — | — | 6 | 0'6 | — | — | 5 | 0'1 | — | — | 6 | 0'6 |
| 21. | 6 | 0'4 | 6 | 0'8 | 5 | 0'9 | 5 | 0'7 | 6 | 0'5 | 5 | 0'9 | 5 | 0'7 | 5 | 0'5 |
| 22. | 6 | 0'3 | 6 | 0'3 | 7 | 0'5 | 7 | 1'0 | 5 | 0'2 | 5 | 0'5 | 5.7 | 0'4 | 5 | 0'5 |
| 23. | 5.6 | 0'5 | 5 | 0'8 | 5.6 | 0'5 | 6 | 0'3 | 5 | 0'3 | 5 | 0'8 | 5 | 0'3 | 5 | 0'2 |
| 24. | 6 | 0'1 | 6 | 0'1 | — | — | — | — | — | — | — | — | — | — | — | — |
| 25. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26. | 5 | 0'1 | 6 | 0'1 | 6 | 0'1 | 5 | 0'1 | — | — | 6 | 0'1 | 5 | 0'1 | — | — |
| 27. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28. | — | — | — | — | 9 | 0'1 | 9 | 0'1 | — | — | — | — | Unruhe | — | 9 | 0'2 |
| 29. | 7.9 | 0'1 | 5-9 | 0'3 | 5.8 | 0'3 | 5 | 0'4 | 7 | 0'1 | Unruhe | — | 5-8 | 0'1 | 5-8 | 0'1 |
| 30. | 5 | 0'1 | 5 | 0'1 | 5 | 0'1 | 5 | 0'1 | 5 | 0'3 | 5 | 0'1 | 5 | 0'1 | — | — |
| 31. | 5 | 0'2 | 5 | 0'1 | — | — | — | — | — | — | 5 | 0'1 | — | — | — | — |
| November. | | | | | | | | | | | | | | | | |
| 1. | — | — | 7 | 0'1 | 7 | 0'1 | 7 | 0'1 | — | — | 7 | 0'1 | 7 | 0'1 | 7 | 0'1 |
| 2. | — | — | 5.7 | 0'2 | 5.9 | 0'1 | 7.9 | 0'3 | — | — | 5 | 0'1 | 7.9 | 0'4 | 9 | 0'8 |
| 3. | 9 | 1'0 | 9 | 1'3 | 9 | 1'2 | 9 | 0'8 | 9 | 0'9 | 9 | 1'3 | 9 | 1'3 | 7.9 | 0'8 |
| 4. | 7.8 | 0'6 | 8 | 0'5 | 8 | 0'4 | 8 | 0'4 | 8 | 0'6 | 8 | 0'5 | 8 | 0'8 | 8 | 0'6 |
| 5. | 8 | 0'2 | 8 | 0'4 | 7 | 0'4 | 9 | 0'7 | 8 | 0'2 | 8 | 0'5 | 8 | 0'7 | 9 | 1'1 |
| 6. | 7 | 0'9 | 7 | 0'9 | 7 | 0'9 | 3.7 | 0'5 | 9 | 0'6 | 7.9 | 1'1 | 7.9 | 0'9 | 3.8 | 1'2 |
| 7. | 3.7 | 0'1 | 7 | 0'2 | 7 | 0'1 | 7 | 0'1 | 3.8 | 0'4 | 3.8 | 0'3 | 8 | 0'1 | 8 | 0'1 |
| 8. | 7 | 0'1 | 5.7 | 0'1 | 7 | 0'1 | 7 | 0'1 | 5.8 | 0'1 | 5.8 | 0'1 | 8 | 0'1 | 7 | 0'1 |
| 9. | — | — | — | — | — | — | 7 | 0'1 | 7 | 0'1 | 7 | 0'1 | 7 | 0'1 | 7 | 0'2 |
| 10. | 7 | 0'1 | 7 | 0'1 | 7 | 0'1 | — | — | 7 | 0'1 | 7 | 0'2 | 7 | 0'1 | — | — |
| 11. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13. | — | — | — | — | — | — | 3 | 0'1 | — | — | — | — | — | — | 3 | 0'3 |
| 14. | 3 | 0'4 | 3 | 0'1 | 7 | 0'2 | 5.7 | 0'4 | 3 | 0'4 | 3 | 0'2 | Unruhe | — | 5.7 | 0'3 |
| 15. | 7 | 0'7 | 7 | 0'9 | 8 | 0'5 | 8 | 0'9 | 7 | 0'4 | 7 | 0'5 | 7 | 0'3 | 7 | 0'3 |

¹ Durch ein Beben gestört.

| Datum | NS | | | | | | | | EW | | | | | | | | |
|------------------|---------------------------------|-----|-----|-----|-----|-----|--------|-----|--------|--------|--------|--------|--------|--------|-----|--------|-----|
| | 0h | | 6h | | 12h | | 18h | | 0h | | 6h | | 12h | | 18h | | |
| | T | A | T | A | T | A | T | A | T | A | T | A | T | A | T | A | |
| November. | | | | | | | | | | | | | | | | | |
| 16. | 7,8 | 0'6 | 7 | 0'1 | 6,7 | 0'1 | 6,7 | 0'6 | 5,7 | 0'2 | 6,7 | 0'3 | 7 | 0'4 | 7 | 0'3 | |
| 17. | 5,7 | 0'4 | 5,7 | 0'3 | 7 | 0'6 | 7 | 0'9 | 7 | 0'3 | 6,7 | 0'2 | 7 | 0'8 | 7 | 0'6 | |
| 18. | 7 | 1'2 | 8 | 1'3 | 8 | 1'3 | | | 7 | 1'0 | 8 | 1'2 | 8 | 1'2 | | | |
| 19. | | | | | | | | | | | | | | | | | |
| 20. | | | | | | | | | | | | | | | | | |
| 21. | | | | | | | | | | | | | | | | | |
| 22. | | | | | | | | | | | | | | | | | |
| 23. | | | | | | | | | | | | | | | | | |
| 24. | Wegen Restaurierung des Pendels | | | | | | | | | | | | | | | | |
| 25. | war der Betrieb eingestellt. | | | | | | | | | | | | | | | | |
| 26. | | | | | | | | | | | | | | | | | |
| 27. | | | | | | | | | | | | | | | | | |
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| 30. | | | | | | | | | | | | | | | | | |
| Dezember. | | | | | | | | | | | | | | | | | |
| 1. | | | | | | | | | | | | | | | | | |
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| 4. | | | | | | | | | | | | | | | | | |
| 5. | Wegen Restaurierung des Pendels | | | | | | | | | | | | | | | | |
| 6. | war der Betrieb eingestellt. | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | 7 | 0'6 | | | | | | | Unruhe | |
| 11. | 7 | 1'0 | 7 | 0'9 | 6 | 0'4 | 6,7 | 0'3 | — | — | — | — | 7 | 0'2 | 7 | 0'1 | |
| 12. | 7 | 0'2 | 7 | 0'3 | 7 | 0'6 | 7 | 0'2 | — | — | 7 | 0'2 | 7 | 0'2 | | Unruhe | |
| 13. | 7 | 0'2 | 6 | 0'1 | 6,7 | 0'2 | 6 | 0'4 | — | — | 5 | 0'1 | 6 | 0'2 | 6 | 0'1 | |
| 14. | 6 | 0'3 | 5-7 | 0'5 | 5,7 | 0'6 | 7 | 0'9 | 6 | 0'1 | 6 | 0'3 | 5-7 | 0'4 | 5-7 | 0'4 | |
| 15. | 6-8 | 0'1 | 6-8 | 0'1 | — | — | Unruhe | 5-7 | 0'2 | Unruhe | Unruhe | Unruhe | 5 | 0'1 | 5 | 0'1 | |
| 16. | 5 | 0'1 | 7 | 0'2 | 6 | 0'3 | 7 | 0'1 | — | — | — | 7 | 0'2 | 7 | 0'2 | | |
| 17. | 7 | 0'1 | 5,7 | 0'2 | 7 | 0'2 | 5,7 | 0'1 | 7 | 0'1 | 5,7 | 0'1 | 7 | 0'2 | 7 | 0'1 | |
| 18. | 5,7 | 0'1 | 5,6 | 0'1 | 6 | 0'1 | 6 | 0'2 | 7 | 0'1 | 6 | 0'1 | 6 | 0'1 | 6 | 0'1 | |
| 19. | 6 | 0'1 | 6 | 0'2 | 7 | 0'3 | 7 | 0'5 | Unruhe | 6 | 0'1 | 6 | 0'2 | 6 | 0'2 | 6 | 0'2 |
| 20. | 7 | 0'8 | 6 | 0'6 | 5 | 0'2 | 5 | 0'3 | 6 | 0'1 | 6 | 0'3 | 6 | 0'3 | 5 | 0'6 | |
| 21. | 6 | 0'3 | 6 | 1'1 | 6,7 | 1'1 | 6 | 0'6 | 5 | 0'5 | 5 | 1'1 | 7-5 | 1'1 | 6 | 1'0 | |
| 22. | 5,6 | 0'1 | 5 | 0'4 | 5 | 0'2 | 5 | 0'2 | 6 | 0'3 | 5 | 0'3 | 5 | 0'3 | 5 | 0'4 | |
| 23. | 5 | 0'1 | 6 | 0'2 | 5,6 | 0'2 | 3 | 0'3 | 5 | 0'1 | 5 | 0'3 | Unruhe | Unruhe | 3 | 0'3 | |
| 24. | 3 | 0'2 | 5,6 | 0'3 | 5 | 0'1 | — | — | 3,5 | 0'1 | 5 | 0'2 | Unruhe | Unruhe | 5 | 0'1 | |
| 25. | — | — | 5 | 0'1 | — | — | 5 | 0'2 | — | — | — | — | — | — | — | — | |
| 26. | 5 | 0'2 | 5,7 | 0'2 | 7 | 0'2 | 7 | 0'3 | — | — | 5,7 | 0'1 | 7 | 0'1 | 7 | 0'2 | |
| 27. | 7 | 0'2 | 5,7 | 0'2 | 7 | 0'6 | 7 | 0'4 | 5,7 | 0'1 | 5,7 | 0'2 | 5,7 | 0'6 | 5,7 | 0'3 | |
| 28. | 5,7 | 0'3 | 5,7 | 0'3 | 5,6 | 0'3 | 5,6 | 0'1 | 5,7 | 0'1 | 5 | 0'2 | 5,7 | 0'2 | 5,7 | 0'3 | |
| 29. | 5 | 0'1 | 4,5 | 0'3 | 5,7 | 0'2 | 3,5 | 0'4 | 5,7 | 0'1 | 5,7 | 0'3 | 5,7 | 0'5 | 3,6 | 0'4 | |
| 30. | 3,5 | 0'1 | 5 | 0'2 | 5,6 | 0'2 | 5,6 | 0'3 | 5 | 0'2 | 5 | 0'1 | 5,6 | 0'4 | 5,6 | 0'3 | |
| 31. | 5 | 0'1 | 5 | 0'1 | 5,7 | 0'1 | 8 | 0'4 | -1 | -1 | -1 | -1 | 5 | 0'1 | 5 | 0'2 | |

¹ Durch lokale Störung Zeiger abgeworfen.

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