

| Nr. der Reihe. | Ablesung für die Nullrichtung. | 3 Jauernick. | | 4 Jeschken. | | 5 Lausche. | | 46 Czorneboh. | | 6 Valtenberg. | | 1 Ossling. | | Beobachtungszeit. | | Nr. der Reihe. |
|----------------|--------------------------------|--------------|----|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------------|---------------|----|----------------|----|-------------------|--------------------------------|----------------|
| | | l. | r. | l. | r. | l. | r. | l. | r. | l. | r. | l. | r. | Tag. | Uhrzeit. | |
| | Bei Höhenkreis links. | 0° 0' | | 17° 59' | | 41° 52' | | 76° 35' | | 92° 35' | | 143° 52' | | 1867 | | |
| 69 | 96° 56' | . | . | . | . | . | . | . | . | . | . | 43° 59' 40" 45 | . | Juni 21 | 6 ^h 47 ^m | 69 |
| | | . | . | 40" 00 | . | . | . | . | . | . | . | 42.02 | . | N. | 7 5 | |
| 70 | 113 40 | . | . | . | . | 35" 33 32" 65 | . | . | . | 34" 10 33" 24 | . | . | . | Juni 21 | 7 9 | 70 |
| | | . | . | 40.00 | . | 33.99 | . | . | . | 33.67 | . | . | . | N. | 7 31 | |
| 71 | 131 0 | 0 | 0 | 38.75 37.43 | 33.19 33.29 | . | . | . | . | . | . | . | . | Juni 21 | 7 37 | 71 |
| | | 0 | 0 | 38.09 | 33.24 | . | . | . | . | . | . | . | . | N. | 8 1 | |
| 72 | 148 4 | 0 | 0 | . | . | 32.47 33.41 | 29.48 30.27 | 30.03 32.03 | . | . | . | . | . | Juni 22 | 4 35 | 72 |
| | | 0 | 0 | . | . | 32.94 | 29.88 | 31.03 | . | . | . | . | . | V. | 5 11 | |
| 73 | 164 28 | 0 | 0 | . | . | 32.35 33.61 | 28.71 28.45 | . | . | . | . | . | . | Juni 22 | 5 20 | 73 |
| | | 0 | 0 | . | . | 32.98 | 28.58 | . | . | . | . | . | . | V. | 6 4 | |
| 74 | 182 4 | 0 | 0 | 40.24 40.22 | 33.00 33.52 | 29.13 29.23 | 28.97 30.53 | 40.94 40.22 | . | . | . | . | . | Juni 22 | 6 6 | 74 |
| | | 0 | 0 | 40.23 | 33.26 | 29.18 | 29.75 | 40.58 | . | . | . | . | . | V. | 7 8 | |
| 75 | 198 24 | 0 | 0 | 38.53 38.61 | . | . | 28.29 27.91 | . | . | . | . | 41.85 40.23 | . | Juni 22 | 7 14 | 75 |
| | | 0 | 0 | 38.57 | . | . | 28.10 | . | . | . | . | 41.04 | . | V. | 7 50 | |
| 76 | 215 44 | 0 | 0 | . | . | 31.99 30.83 | . | . | . | . | . | 39.93 39.99 | . | Juni 22 | | 76 |
| | | 0 | 0 | . | . | 31.41 | . | . | . | . | . | 39.96 | . | V. | 7 57 | |
| 77 | 232 52 | . | . | . | . | 31.20 35.60 | . | . | . | . | . | . | . | Juni 22 | 10 4 | 77 |
| | | . | . | 40.00 | . | 33.40 | . | . | . | . | . | . | . | V. | | |
| 78 | 233 52 | . | . | . | . | . | 28.06 26.84 | 29.07 28.95 | 41.80 40.64 | . | . | . | . | Juni 22 | 10 7 | 78 |
| | | . | . | . | . | 30.00 | 27.45 | 29.01 | 41.22 | . | . | . | . | V. | 10 44 | |
| 79 | 249 40 | . | . | . | . | . | 27.86 27.76 | 29.61 29.66 | 42.00 40.98 | . | . | . | . | Juni 22 | 1 36 | 79 |
| | | . | . | . | . | 30.00 | 27.81 | 29.64 | 41.49 | . | . | . | . | N. | 2 8 | |
| 80 | 266 48 | . | . | . | . | . | 29.30 29.84 | 28.62 28.92 | . | . | . | . | . | Juni 22 | 2 13 | 80 |
| | | . | . | . | . | 30.00 | 29.57 | 28.77 | . | . | . | . | . | N. | 3 26 | |
| | | 0 | | 4" 18 | 6" 57 | 8" 17 | 8" 00 | 6" 90 | Grösste Differenzen. | | | | | | | |
| | | 0 | | 1736.78 | 1667.87 | 1216.92 | 1412.00 | 1968.78 | Summen. | | | | | | | |
| | | 49 | | 44 | 52 | 42 | 47 | 48 | Anzahl der Beobachtungen. | | | | | | | |
| | | 0 | | 39" 47 | 32" 07 | 28" 97 | 30" 04 | 41" 02 | Mittelwerthe. | | | | | | | |
| | | 0 | | 40" | 30" | 30" | 30" | 40" | Einzuführende Näherungswerthe. | | | | | | | |
| | | | | (E ₄) | (E ₅) | (E ₆) | (E ₇) | (E ₈) | Bezeichnung d. Näherungswerthe. | | | | | | | |

Normalgleichungen.

| Nr. | o = | Absolutglied. | ε ₄ | ε ₅ | ε ₆ | ε ₇ | ε ₈ | Nr. |
|-----|-----|---------------|----------------|----------------|----------------|----------------|----------------|-----|
| 4 | o = | +42.19483 | +31.98333 | - 7.31667 | - 6.16667 | - 6.43333 | - 7.05000 | 4 |
| 5 | o = | -87.92133 | - 7.31667 | +37.35000 | - 6.05000 | - 8.65000 | - 6.26667 | 5 |
| 6 | o = | +45.51533 | - 6.16667 | - 6.05000 | +30.58333 | - 5.91667 | - 6.61667 | 6 |
| 7 | o = | +13.83483 | - 6.43333 | - 8.65000 | - 5.91667 | +33.90000 | - 6.21667 | 7 |
| 8 | o = | -26.44850 | - 7.05000 | - 6.26667 | - 6.61667 | - 6.21667 | +33.86667 | 8 |
| | o = | -12.82483 | + 5.01667 | + 9.06667 | + 5.83333 | + 6.68333 | + 7.71667 | |