

# Ergebnisse der meteorologischen Beobachtungen in Wiesbaden im Jahre 1936.

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Beobachtungsstellen: Klimastation Schützenhof bei dem Städtischen Forschungs-  
institut für Bäderkunde und Stoffwechsel.

Station des Reichswetterdienstes Wiesbaden-Südfriedhof.

## a) Übersicht der wichtigsten Jahresergebnisse.

### Luftdruck:

|                   |    | Innenstation<br>Schützenhof | Außenstation<br>Südfriedhof |
|-------------------|----|-----------------------------|-----------------------------|
| Mittel . . . . .  | mm | 750.0                       | —                           |
| Maximum . . . . . | „  | 768.2                       | —                           |
| Minimum . . . . . | „  | 727.1                       | —                           |

### Lufttemperatur:

|                                                  |    |      |      |
|--------------------------------------------------|----|------|------|
| Mittel . . . . .                                 | C° | 10.3 | 9.7  |
| Mittleres Tagesmaximum . . . . .                 | „  | 14.0 | 13.8 |
| „ „ Tagesminimum . . . . .                       | „  | 6.6  | 5.8  |
| Zahl der Eistage (Maximum unter 0°) . . . . .    |    | 3    | 8    |
| „ „ Frosttage (Minimum unter 0°) . . . . .       |    | 57   | 66   |
| „ „ Sommertage (Maximum 25° oder mehr) . . . . . |    | 23   | 26   |
| „ „ Tropentage (Maximum 30° oder mehr) . . . . . |    | 4    | 4    |

### Luftfeuchtigkeit:

|                                          |    |     |     |
|------------------------------------------|----|-----|-----|
| Mittlerer Dampfdruck . . . . .           | mm | 7.9 | 7.6 |
| Mittlere relative Feuchtigkeit . . . . . | %  | 80  | 79  |

### Bewölkung:

|                                                          |  |     |     |
|----------------------------------------------------------|--|-----|-----|
| Mittel (0—10) . . . . .                                  |  | 6.9 | 6.8 |
| Zahl der heiteren Tage (Tagesmittel unter 2,0) . . . . . |  | 27  | 34  |
| „ „ trüben „ ( „ „ über 8,0) . . . . .                   |  | 156 | 156 |

### Sonnenscheindauer in Stunden

|                                  |        |   |
|----------------------------------|--------|---|
| in Stunden . . . . .             | 1433.5 | — |
| Tage ohne Sonnenschein . . . . . | 82     | — |

### Niederschläge:

|                                                           |    |       |       |
|-----------------------------------------------------------|----|-------|-------|
| Summe . . . . .                                           | mm | 750.6 | 843.1 |
| Größte Tagesmenge . . . . .                               | „  | 43.4  | 40.4  |
| Zahl der Tage mit Niederschl. mindestens 0.1 mm . . . . . | „  | 189   | 186   |
| „ „ „ „ „ 1.0 „ . . . . .                                 | „  | 125   | 131   |
| „ „ „ „ „ 10.0 „ . . . . .                                | „  | 18    | 23    |
| „ „ „ „ „ 0.1 „ . . . . .                                 | „  | 19    | 16    |
| „ „ „ „ „ Schnee . . . . .                                |    | 2     | 5     |
| „ „ „ „ „ Schneedecke . . . . .                           |    | 1     | 3     |
| „ „ „ „ „ Hagel . . . . .                                 |    | 5     | 4     |
| „ „ „ „ „ Graupeln . . . . .                              |    | 29    | 59    |
| „ „ „ „ „ Reif . . . . .                                  |    | 71    | 73    |
| „ „ „ „ „ Nebel . . . . .                                 |    | 34    | 37    |
| „ „ „ „ „ Gewitter . . . . .                              |    |       |       |

### Winde:

|                                                       |     |     |
|-------------------------------------------------------|-----|-----|
| Mittlere Windstärke (1—12) . . . . .                  | 1.7 | 1.9 |
| Zahl der Sturmtage (Windstärke 8 oder mehr) . . . . . | —   | —   |

Zahl der beobachteten Windrichtungen:

|                    | N     | NE    | E     | SE    | S    | SW    | W     | NW    | Windstille |
|--------------------|-------|-------|-------|-------|------|-------|-------|-------|------------|
| Stat. Schützenhof: | 141,0 | 153,5 | 135,0 | 131,0 | 76,5 | 145,0 | 176,5 | 131,5 | 8,0        |
| Stat. Südfriedhof: | 144   | 70    | 33    | 51    | 90   | 183   | 353   | 171   | 3          |

200

## b) Monats- und

## Innenstation Schützenhof

 Stunden in Ortszeit = M.-E.-Z. — 27 Minuten.  
 Höhe des Geländes über Normal-Null = 130 m.

| Jahr<br>1936           | Luftdruck<br>Barometerstand auf 0° C und<br>Normalschwere reduziert 700 mm + |         |             |         |        | Lufttemperatur C° |      |      |        |             |             |                |                |
|------------------------|------------------------------------------------------------------------------|---------|-------------|---------|--------|-------------------|------|------|--------|-------------|-------------|----------------|----------------|
|                        | Mittel                                                                       | Maximum | Datum       | Minimum | Datum  | 7 h               | 14 h | 21 h | Mittel | Mittl. Max. | Mittl. Min. | Absol. Maximum | Datum          |
| Januar ...             | 44.1                                                                         | 57.7    | 14.         | 29.9    | 17.    | 3.4               | 5.8  | 4.7  | 4.6    | 7.1         | 1.9         | 14.0           | 10.            |
| Februar ..             | 45.7                                                                         | 63.7    | 7.          | 27.1    | 2.     | 0.4               | 5.0  | 2.3  | 2.5    | 5.9         | -0.6        | 12.3           | 22.            |
| März <sup>1)</sup> ... | 48.6                                                                         | 58.4    | 18.         | 32.4    | 1.     | 4.4               | 10.9 | 7.4  | 7.6    | 12.4        | 3.4         | 21.0           | 22.            |
| April ....             | 47.0                                                                         | 57.2    | 25.         | 31.9    | 17.    | 5.8               | 11.1 | 8.0  | 8.2    | 12.8        | 4.1         | 19.6           | 26.            |
| Mai .....              | 48.8                                                                         | 57.1    | 2.          | 40.3    | 30.    | 12.8              | 19.1 | 14.7 | 15.3   | 20.0        | 10.2        | 25.5           | 27.            |
| Juni .....             | 50.8                                                                         | 55.8    | 18.         | 40.2    | 4.     | 16.0              | 21.2 | 17.7 | 18.2   | 22.2        | 13.1        | 30.3           | 18. 21.        |
| Juli .....             | 49.9                                                                         | 55.9    | 30.         | 41.1    | 15.    | 15.6              | 20.8 | 17.6 | 17.9   | 22.0        | 13.8        | 29.4           | 18.            |
| August ...             | 53.5                                                                         | 60.3    | 24.         | 45.2    | 1.     | 15.7              | 21.6 | 17.8 | 18.3   | 22.6        | 14.0        | 28.3           | 18.            |
| September .            | 52.2                                                                         | 60.8    | 22.         | 38.3    | 7.     | 12.6              | 17.8 | 14.6 | 14.9   | 18.9        | 11.3        | 26.7           | 3.             |
| Oktober ..             | 52.4                                                                         | 60.7    | 30.         | 41.0    | 27.    | 6.7               | 10.7 | 8.1  | 8.4    | 11.4        | 5.1         | 16.0           | 4. 23.         |
| November .             | 50.7                                                                         | 64.6    | 21.         | 34.7    | 7.     | 4.4               | 6.9  | 5.1  | 5.4    | 7.8         | 2.8         | 13.2           | 7.             |
| Dezember .             | 56.2                                                                         | 68.2    | 23.         | 38.1    | 2.     | 1.7               | 3.0  | 2.4  | 2.4    | 4.5         | 0.0         | 11.9           | 18.            |
| Jahr ....              | 50.0                                                                         | 68.2    | 23.<br>XII. | 27.1    | 2. II. | 8.3               | 12.8 | 10.0 | 10.3   | 14.0        | 6.6         | 30.3           | 18. 21.<br>VI. |

| Jahr<br>1936 | Zahl der Tage mit    |                      |                       |                                     |            |               |           |            |               |                       |
|--------------|----------------------|----------------------|-----------------------|-------------------------------------|------------|---------------|-----------|------------|---------------|-----------------------|
|              | Niederschlag         |                      |                       | Schnee<br>mindestens<br>0,1 mm<br>✱ | Hagel<br>▲ | Graupeln<br>△ | Reif<br>┘ | Nebel<br>≡ | Gewitter<br>⚡ | Schnee-<br>decke<br>☒ |
| Monat        | mindestens<br>0,1 mm | mindestens<br>1,0 mm | mindestens<br>10,0 mm |                                     |            |               |           |            |               |                       |
| Januar ...   | 25                   | 13                   | 2                     | 5                                   | —          | —             | 3         | 1          | 1             | 1                     |
| Februar ..   | 15                   | 7                    | 1                     | 4                                   | —          | 3             | 6         | 11         | 2             | 1                     |
| März ....    | 13                   | 9                    | —                     | 1                                   | 1          | —             | 4         | 11         | 2             | —                     |
| April ....   | 18                   | 15                   | 2                     | 2                                   | —          | 1             | 5         | 2          | 2             | —                     |
| Mai .....    | 6                    | 2                    | —                     | —                                   | —          | —             | —         | 2          | 5             | —                     |
| Juni .....   | 12                   | 10                   | 1                     | —                                   | —          | —             | —         | —          | 7             | —                     |
| Juli .....   | 26                   | 21                   | 3                     | —                                   | —          | —             | —         | 1          | 6             | —                     |
| August ...   | 11                   | 10                   | 4                     | —                                   | —          | —             | —         | 2          | 4             | —                     |
| September .  | 15                   | 10                   | 4                     | —                                   | —          | —             | —         | 7          | 5             | —                     |
| Oktober ..   | 12                   | 8                    | 1                     | —                                   | —          | —             | 3         | 6          | —             | —                     |
| November .   | 17                   | 10                   | —                     | 1                                   | —          | —             | 2         | 12         | —             | —                     |
| Dezember .   | 19                   | 10                   | —                     | 6                                   | —          | 1             | 6         | 16         | —             | —                     |
| Jahr ....    | 189                  | 125                  | 18                    | 19                                  | 1          | 5             | 29        | 71         | 34            | 2                     |

1) Am 15. März Beobachterwechsel.

**Jahresübersichten 1936.**

201

Höhe des Barometers über Normal-Null = 126,4 m    Höhe des Regenmessers über dem Erdboden = 9,5 m  
 Höhe der Thermometer über dem Erdboden = 2 m

|                |        | Dampfdruck <sup>2)</sup> |      |      |        | Relative Feuchtigkeit <sup>2)</sup> |     |     |        |         |        | Bewölkung |     |     |        | Niederschlag |                 |         |
|----------------|--------|--------------------------|------|------|--------|-------------------------------------|-----|-----|--------|---------|--------|-----------|-----|-----|--------|--------------|-----------------|---------|
|                |        | mm                       |      |      |        | %                                   |     |     |        |         |        | 0—10      |     |     |        | mm           |                 |         |
| Absol. Minimum | Datum  | 7h                       | 14h  | 21h  | Mittel | 7h                                  | 14h | 21h | Mittel | Minimum | Datum  | 7h        | 14h | 21h | Mittel | Summe        | Max. in 24 Std. | Datum   |
| — 3.5          | 16.    | 5.4                      | 6.0  | 5.9  | 5.8    | 92                                  | 87  | 90  | 90     | 65      | 21.    | 8.4       | 8.4 | 7.2 | 8.0    | 91.6         | 31.4            | 4.      |
| — 9.3          | 11.    | 4.5                      | 5.3  | 4.9  | 4.9    | 91                                  | 79  | 88  | 86     | 45      | 11.    | 5.3       | 6.0 | 4.9 | 5.4    | 47.1         | 11.7            | 1.      |
| — 2.0          | 17.    | 5.9                      | 7.7  | 6.8  | 6.8    | 92                                  | 77  | 86  | 85     | 53      | 22.    | 7.3       | 6.0 | 4.9 | 6.1    | 33.8         | 9.3             | 27.     |
| — 1.8          | 13.    | 6.4                      | 8.2  | 7.2  | 7.3    | 90                                  | 82  | 88  | 87     | 57      | 20.    | 6.4       | 7.1 | 6.2 | 6.6    | 107.6        | 43.4            | 18.     |
| 6.0            | 29.    | 8.4                      | 8.3  | 8.7  | 8.5    | 75                                  | 51  | 70  | 66     | 30      | 27.    | 5.7       | 6.9 | 4.9 | 5.8    | 5.9          | 2.0             | 4.      |
| 4.9            | 2.     | 10.4                     | 10.6 | 11.0 | 10.7   | 76                                  | 57  | 73  | 68     | 33      | 20.    | 6.4       | 6.7 | 5.5 | 6.2    | 53.0         | 15.9            | 5.      |
| 10.5           | 23.31. | 11.4                     | 11.2 | 11.7 | 11.5   | 86                                  | 62  | 78  | 75     | 41      | 17.    | 8.1       | 8.0 | 7.3 | 7.8    | 109.7        | 12.4            | 19.     |
| 10.7           | 6.     | 11.2                     | 11.2 | 12.0 | 11.5   | 84                                  | 59  | 79  | 74     | 39      | 24.    | 5.5       | 5.9 | 5.0 | 5.5    | 104.6        | 32.1            | 12.     |
| 2.0            | 30.    | 9.7                      | 10.5 | 10.4 | 10.2   | 87                                  | 69  | 82  | 79     | 43      | 29.    | 7.2       | 7.0 | 5.9 | 6.7    | 80.2         | 15.7            | 20.     |
| — 1.4          | 12.    | 6.4                      | 6.2  | 6.6  | 6.4    | 85                                  | 64  | 80  | 76     | 33      | 27.    | 7.8       | 8.5 | 7.1 | 7.8    | 45.9         | 17.3            | 27.     |
| — 3.1          | 28.    | 5.6                      | 5.9  | 5.9  | 5.8    | 87                                  | 79  | 86  | 84     | 51      | 14.    | 8.4       | 8.2 | 8.2 | 8.3    | 34.6         | 8.1             | 18.     |
| — 4.7          | 27.    | 4.8                      | 5.1  | 5.0  | 5.0    | 91                                  | 89  | 91  | 90     | 70      | 1.     | 9.0       | 8.8 | 8.5 | 8.8    | 36.6         | 6.9             | 2.      |
| — 9.3          | 11.II. | 7.5                      | 8.0  | 8.0  | 7.9    | 86                                  | 71  | 83  | 80     | 30      | 27. V. | 7.1       | 7.3 | 6.3 | 6.9    | 750.6        | 43.4            | 18. VI. |

| Zahl der |        |        |      |        |         |         | Windverteilung<br>Zahl der Beobachtungen mit |       |       |       |      |       |       |       |                 |     | Wind-<br>stärke<br>1—12<br>Mittel |
|----------|--------|--------|------|--------|---------|---------|----------------------------------------------|-------|-------|-------|------|-------|-------|-------|-----------------|-----|-----------------------------------|
| heiteren | trüben | Sturm- | Eis- | Frost- | Sommer- | Tropen- | N                                            | NE    | E     | SE    | S    | SW    | W     | NW    | Wind-<br>stille |     |                                   |
| Tage     |        |        |      |        |         |         |                                              |       |       |       |      |       |       |       |                 |     |                                   |
|          |        |        |      |        |         |         |                                              |       |       |       |      |       |       |       |                 |     |                                   |
| —        | 18     | —      | —    | 8      | —       | —       | 7.0                                          | 15.5  | 7.5   | 12.0  | 8.0  | 26.5  | 8.0   | 6.5   | 2.0             | 1.6 |                                   |
| 5        | 7      | —      | 1    | 14     | —       | —       | 14.0                                         | 18.0  | 7.5   | 4.5   | 6.5  | 16.5  | 7.5   | 10.5  | 2.0             | 1.6 |                                   |
| 5        | 10     | —      | —    | 7      | —       | —       | 12.5                                         | 23.5  | 3.0   | 16.0  | 1.5  | 15.0  | 3.0   | 14.5  | 4.0             | 1.3 |                                   |
| 3        | 11     | —      | —    | 2      | —       | —       | 12.0                                         | 9.0   | 5.5   | 7.5   | 5.5  | 10.5  | 17.5  | 22.5  | —               | 1.9 |                                   |
| 1        | 7      | —      | —    | —      | 1       | —       | 15.0                                         | 14.5  | 17.5  | 9.5   | 3.5  | 0.5   | 12.5  | 20.0  | —               | 2.1 |                                   |
| 3        | 9      | —      | —    | —      | 11      | 4       | 16.5                                         | 11.5  | 13.0  | 7.5   | 3.5  | 6.5   | 20.0  | 11.5  | —               | 1.5 |                                   |
| 1        | 14     | —      | —    | —      | 5       | —       | 5.0                                          | 9.0   | 17.0  | 15.0  | 4.5  | 14.5  | 23.5  | 4.5   | —               | 1.7 |                                   |
| 5        | 9      | —      | —    | —      | 5       | —       | 8.0                                          | 12.0  | 10.5  | 12.0  | 7.5  | 13.5  | 17.5  | 12.0  | —               | 1.5 |                                   |
| 3        | 13     | —      | —    | —      | 1       | —       | 14.5                                         | 10.5  | 16.0  | 11.0  | 5.0  | 5.0   | 17.5  | 10.5  | —               | 1.5 |                                   |
| —        | 15     | —      | —    | 1      | —       | —       | 17.5                                         | 11.5  | 8.5   | 9.0   | 4.0  | 13.0  | 23.0  | 6.5   | —               | 1.9 |                                   |
| 1        | 22     | —      | 1    | 7      | —       | —       | 10.0                                         | 12.0  | 11.0  | 13.0  | 15.0 | 12.5  | 11.0  | 5.5   | —               | 2.1 |                                   |
| —        | 21     | —      | 1    | 18     | —       | —       | 9.0                                          | 6.5   | 18.0  | 14.0  | 12.0 | 11.0  | 15.5  | 7.0   | —               | 1.9 |                                   |
| 27       | 156    | —      | 3    | 57     | 23      | 4       | 141.0                                        | 153.5 | 135.0 | 131.0 | 76.5 | 145.0 | 176.5 | 131.5 | 8.0             | 1.7 |                                   |

<sup>2)</sup> Die Feuchtigkeitswerte von Januar bis April sind zu hoch.

**Außenstation Südfriedhof****b) Monats- und**

Stunden in Ortszeit = M.-E.-Z. — 27 Minuten  
Höhe des Geländes über Normal-Null = 139,5 m

| Jahr<br>1936   | Luftdruck<br>Barometerstand auf 0° C und<br>Normalschwere reduziert 700 mm + |              |       |         |       | Lufttemperatur C° |      |      |        |                |                |                   |        |
|----------------|------------------------------------------------------------------------------|--------------|-------|---------|-------|-------------------|------|------|--------|----------------|----------------|-------------------|--------|
|                | Mittel                                                                       | Maxi-<br>mum | Datum | Minimum | Datum | 7 h               | 14 h | 21 h | Mittel | Mittl.<br>Max. | Mittl.<br>Min. | Absol.<br>Maximum | Datum  |
| Januar . . .   | —                                                                            | —            | —     | —       | —     | 2.7               | 5.5  | 4.2  | 4.1    | 6.9            | 1.6            | 13.8              | 10.    |
| Februar . .    | —                                                                            | —            | —     | —       | —     | —0.4              | 4.7  | 1.6  | 1.9    | 5.6            | —1.3           | 12.0              | 22.    |
| März . . . .   | —                                                                            | —            | —     | —       | —     | 3.5               | 10.9 | 6.7  | 6.9    | 12.0           | 2.4            | 20.3              | 22.    |
| April . . . .  | —                                                                            | —            | —     | —       | —     | 5.2               | 10.8 | 7.4  | 7.7    | 12.5           | 3.5            | 19.4              | 26.    |
| Mai . . . . .  | —                                                                            | —            | —     | —       | —     | 12.2              | 19.2 | 13.7 | 14.7   | 20.1           | 9.0            | 26.8              | 27.    |
| Juni . . . . . | —                                                                            | —            | —     | —       | —     | 15.2              | 21.4 | 16.6 | 17.4   | 22.4           | 11.9           | 30.8              | 18.    |
| Juli . . . . . | —                                                                            | —            | —     | —       | —     | 15.2              | 20.6 | 16.7 | 17.3   | 21.9           | 12.9           | 29.3              | 18.    |
| August . . .   | —                                                                            | —            | —     | —       | —     | 15.0              | 21.9 | 16.7 | 17.6   | 22.9           | 12.8           | 29.2              | 18.    |
| September .    | —                                                                            | —            | —     | —       | —     | 11.7              | 18.0 | 13.6 | 14.2   | 18.9           | 10.4           | 26.8              | 3.     |
| Oktober . .    | —                                                                            | —            | —     | —       | —     | 5.8               | 10.6 | 7.3  | 7.8    | 11.4           | 4.4            | 16.8              | 23.    |
| November . .   | —                                                                            | —            | —     | —       | —     | 4.0               | 6.6  | 4.6  | 5.0    | 7.5            | 2.5            | 13.0              | 12.    |
| Dezember . .   | —                                                                            | —            | —     | —       | —     | 1.1               | 2.6  | 1.8  | 1.8    | 4.0            | —0.2           | 12.0              | 18.    |
| Jahr . . . .   | —                                                                            | —            | —     | —       | —     | 7.6               | 12.7 | 9.2  | 9.7    | 13.8           | 5.8            | 30.8              | 18.VI. |

| Jahr<br>1936   | Zahl der Tage mit    |                      |                       |                                     |            |               |           |            |               |                       |
|----------------|----------------------|----------------------|-----------------------|-------------------------------------|------------|---------------|-----------|------------|---------------|-----------------------|
|                | Niederschlag         |                      |                       | Schnee<br>mindestens<br>0,1 mm<br>✱ | Hagel<br>▲ | Graupeln<br>△ | Reif<br>┘ | Nebel<br>≡ | Gewitter<br>⚡ | Schnee-<br>decke<br>✱ |
| Monat          | mindestens<br>0,1 mm | mindestens<br>1,0 mm | mindestens<br>10,0 mm |                                     |            |               |           |            |               |                       |
| Januar . . .   | 22                   | 13                   | 2                     | <b>5</b>                            | —          | —             | 7         | 4          | 1             | <b>2</b>              |
| Februar . .    | 10                   | 6                    | 1                     | 2                                   | —          | 1             | 11        | 11         | 2             | 1                     |
| März . . . .   | 14                   | 10                   | 1                     | 1                                   | <b>1</b>   | —             | <b>12</b> | 12         | 2             | —                     |
| April . . . .  | 19                   | 17                   | 2                     | 4                                   | —          | —             | 6         | 3          | 2             | 1                     |
| Mai . . . . .  | 6                    | 2                    | —                     | —                                   | —          | —             | 2         | —          | 5             | —                     |
| Juni . . . . . | 13                   | 9                    | 4                     | —                                   | —          | —             | 1         | —          | <b>8</b>      | —                     |
| Juli . . . . . | <b>26</b>            | <b>21</b>            | <b>5</b>              | —                                   | <b>1</b>   | —             | —         | 1          | 7             | —                     |
| August . . .   | 12                   | 10                   | 4                     | —                                   | —          | —             | —         | 1          | 5             | —                     |
| September .    | 16                   | 10                   | 3                     | —                                   | —          | —             | 1         | 8          | 5             | —                     |
| Oktober . .    | 14                   | 9                    | 1                     | —                                   | —          | 1             | 7         | 5          | —             | —                     |
| November . .   | 16                   | 11                   | —                     | —                                   | <b>1</b>   | —             | 4         | 12         | —             | —                     |
| Dezember . .   | 18                   | 13                   | —                     | 4                                   | —          | <b>2</b>      | 8         | <b>16</b>  | —             | 1                     |
| Jahr . . . .   | 186                  | 131                  | 23                    | 16                                  | 3          | 4             | 59        | 73         | 37            | 5                     |

## Jahresübersichten 1936.

Höhe der Thermometer über dem Erdboden = 2 m

Höhe des Regenmessers über dem Erdboden = 1 m

|                   |        | Dampfdruck<br>mm |      |      |        | Relative<br>Feuchtigkeit<br>% |      |      |        |              |                  | Bewölkung<br>0—10 |      |      |        | Niederschlag<br>mm |                       |        |
|-------------------|--------|------------------|------|------|--------|-------------------------------|------|------|--------|--------------|------------------|-------------------|------|------|--------|--------------------|-----------------------|--------|
| Absol.<br>Minimum | Datum  | 7 h              | 14 h | 21 h | Mittel | 7 h                           | 14 h | 21 h | Mittel | Mini-<br>mum | Datum            | 7 h               | 14 h | 21 h | Mittel | Summe              | Max.<br>in<br>24 Std. | Datum  |
| - 4.0             | 15.    | 5.1              | 5.5  | 5.4  | 5.3    | 89                            | 82   | 86   | 85     | 53           | 21.              | 7.9               | 8.8  | 7.2  | 8.0    | 90.7               | 31.7                  | 4.     |
| -10.5             | 11.    | 4.1              | 4.5  | 4.4  | 4.3    | 87                            | 67   | 82   | 79     | 29           | 11.              | 5.2               | 6.6  | 5.5  | 5.8    | 46.6               | 10.7                  | 1.     |
| - 3.0             | 17.    | 5.3              | 6.1  | 5.7  | 5.7    | 88                            | 62   | 77   | 76     | 29           | 22.              | 7.5               | 6.1  | 4.7  | 6.1    | 36.5               | 10.2                  | 27.    |
| - 3.0             | 13.    | 5.7              | 6.4  | 6.0  | 6.0    | 84                            | 66   | 76   | 75     | 45           | 9.16.30.         | 6.5               | 7.3  | 5.5  | 6.4    | 123.0              | 40.4                  | 18.    |
| 4.5               | 29.    | 8.3              | 8.0  | 8.3  | 8.2    | 77                            | 48   | 70   | 65     | 32           | 27.              | 5.4               | 6.8  | 4.5  | 5.5    | 3.5                | 1.8                   | 4.     |
| 3.0               | 2.     | 10.6             | 10.8 | 10.8 | 10.7   | 80                            | 57   | 76   | 71     | 33           | 20.              | 6.1               | 7.2  | 5.6  | 6.3    | 82.7               | 17.5                  | 7.     |
| 8.5               | 31.    | 11.8             | 11.9 | 11.7 | 11.8   | 91                            | 66   | 82   | 79     | 44           | 31.              | 8.0               | 7.9  | 6.8  | 7.6    | 123.9              | 12.9                  | 14.    |
| 9.5               | 6.30   | 11.5             | 11.9 | 11.9 | 11.8   | 90                            | 61   | 83   | 78     | 41           | 29.              | 5.6               | 6.4  | 4.7  | 5.6    | 121.4              | 34.0                  | 12.    |
| 0.5               | 30.    | 9.7              | 10.9 | 10.4 | 10.3   | 92                            | 70   | 87   | 83     | 47           | 29.              | 7.3               | 6.6  | 5.1  | 6.3    | 84.1               | 21.3                  | 20.    |
| - 3.5             | 12.    | 6.4              | 6.6  | 6.6  | 6.5    | 89                            | 68   | 84   | 81     | 39           | 27.              | 7.3               | 7.9  | 6.5  | 7.2    | 47.7               | 17.3                  | 27.    |
| - 3.5             | 24.    | 5.6              | 5.9  | 5.9  | 5.8    | 90                            | 80   | 89   | 86     | 51           | 14.              | 8.1               | 8.1  | 8.2  | 8.1    | 40.4               | 7.5                   | 18.    |
| - 4.6             | 27.    | 4.7              | 5.0  | 4.9  | 4.9    | 92                            | 90   | 92   | 92     | 71           | 1.               | 8.8               | 8.9  | 7.6  | 8.5    | 42.6               | 9.0                   | 2.     |
| -10.5             | 11.II. | 7.4              | 7.8  | 7.7  | 7.6    | 87                            | 68   | 82   | 79     | 29           | 11. II. 22. III. | 7.0               | 7.4  | 6.0  | 6.8    | 843.1              | 40.4                  | 18.IV. |

| Zahl der |        |        |      |        |         |         | Windverteilung<br>Zahl der Beobachtungen mit |    |    |    |    |     |     |     |                 |     | Wind-<br>stärke<br>1—12<br>Mittel |
|----------|--------|--------|------|--------|---------|---------|----------------------------------------------|----|----|----|----|-----|-----|-----|-----------------|-----|-----------------------------------|
| heiteren | trüben | Sturm- | Eis- | Frost- | Sommer- | Tropen- | N                                            | NE | E  | SE | S  | SW  | W   | NW  | Wind-<br>stille |     |                                   |
| Tage     |        |        |      |        |         |         |                                              |    |    |    |    |     |     |     |                 |     |                                   |
| —        | 17     | —      | 1    | 9      | —       | —       | 2                                            | 2  | 5  | 6  | 16 | 26  | 31  | 5   | —               | 1.9 |                                   |
| 4        | 8      | —      | 2    | 15     | —       | —       | 13                                           | 12 | 7  | 1  | 8  | 11  | 21  | 14  | —               | 1.9 |                                   |
| 5        | 11     | —      | —    | 9      | —       | —       | 13                                           | 5  | 4  | 4  | 10 | 8   | 26  | 23  | —               | 1.5 |                                   |
| 5        | 13     | —      | —    | 4      | —       | —       | 30                                           | 3  | 1  | 2  | 4  | 7   | 27  | 16  | —               | 2.1 |                                   |
| 5        | 8      | —      | —    | —      | 1       | —       | 29                                           | 14 | 2  | 10 | 1  | 2   | 22  | 13  | —               | 1.8 |                                   |
| 4        | 11     | —      | —    | —      | 11      | 4       | 9                                            | 8  | 2  | 5  | 5  | 12  | 29  | 19  | 1               | 1.5 |                                   |
| 1        | 15     | —      | —    | —      | 6       | —       | —                                            | 2  | —  | —  | 11 | 29  | 39  | 12  | —               | 1.6 |                                   |
| 5        | 9      | —      | —    | —      | 7       | —       | 12                                           | 6  | —  | 3  | 6  | 10  | 37  | 17  | 2               | 1.5 |                                   |
| 3        | 10     | —      | —    | —      | 1       | —       | 12                                           | 2  | 7  | 5  | 4  | 8   | 37  | 15  | —               | 1.8 |                                   |
| 1        | 13     | —      | —    | 1      | —       | —       | 17                                           | 9  | 2  | —  | 3  | 17  | 29  | 16  | —               | 2.3 |                                   |
| 1        | 22     | —      | 2    | 8      | —       | —       | 3                                            | 6  | 1  | 10 | 10 | 29  | 24  | 7   | —               | 2.3 |                                   |
| —        | 19     | —      | 3    | 20     | —       | —       | 4                                            | 1  | 2  | 5  | 12 | 24  | 31  | 14  | —               | 2.0 |                                   |
| 34       | 156    | —      | 8    | 66     | 26      | 4       | 144                                          | 70 | 33 | 51 | 90 | 183 | 353 | 171 | 3               | 1.9 |                                   |

## c) Fünftägige Temperaturmittel 1936.

| Pentaden |       | Innenstation<br>Schützenhof | Außenstation<br>Südfriedhof | Pentaden |       | Innenstation<br>Schützenhof | Außenstation<br>Südfriedhof |
|----------|-------|-----------------------------|-----------------------------|----------|-------|-----------------------------|-----------------------------|
| Januar   | 1—5   | 6.0                         | 5.5                         | Juli     | 30—4  | 18.7                        | 18.1                        |
|          | 6—10  | 6.7                         | 6.3                         |          | 5—9   | 20.6                        | 20.1                        |
|          | 11—15 | 3.0                         | 2.3                         |          | 10—14 | 16.3                        | 15.7                        |
|          | 16—20 | 2.5                         | 2.0                         |          | 15—19 | 19.1                        | 18.5                        |
|          | 21—25 | 3.5                         | 2.9                         |          | 20—24 | 16.9                        | 16.1                        |
|          | 26—30 | 5.5                         | 5.0                         |          | 25—29 | 16.6                        | 16.2                        |
| Februar  | 31—4  | 5.2                         | 4.7                         | August   | 30—3  | 16.3                        | 15.7                        |
|          | 5—9   | 0.0                         | —0.8                        |          | 4—8   | 16.8                        | 16.1                        |
|          | 10—14 | —2.4                        | —3.2                        |          | 9—13  | 18.6                        | 18.0                        |
|          | 15—19 | 4.5                         | 3.8                         |          | 14—18 | 20.2                        | 19.6                        |
|          | 20—24 | 6.0                         | 5.3                         |          | 19—23 | 18.3                        | 17.6                        |
|          | 25—1  | 3.1                         | 2.7                         |          | 24—28 | 18.2                        | 17.5                        |
| März     | 2—6   | 5.7                         | 5.1                         | Sept.    | 29—2  | 18.3                        | 17.1                        |
|          | 7—11  | 6.9                         | 6.2                         |          | 3—7   | 17.1                        | 16.4                        |
|          | 12—16 | 2.1                         | 1.6                         |          | 8—12  | 14.7                        | 13.8                        |
|          | 17—21 | 6.4                         | 6.0                         |          | 13—17 | 15.3                        | 14.6                        |
|          | 22—26 | 12.5                        | 11.6                        |          | 18—22 | 16.7                        | 16.1                        |
|          | 27—31 | 12.3                        | 11.7                        |          | 23—27 | 14.0                        | 13.2                        |
| April    | 1—5   | 10.0                        | 9.5                         | Okt.     | 28—2  | 8.4                         | 7.5                         |
|          | 6—10  | 8.3                         | 7.5                         |          | 3—7   | 6.5                         | 5.5                         |
|          | 11—15 | 6.3                         | 5.4                         |          | 8—12  | 5.9                         | 5.0                         |
|          | 16—20 | 6.3                         | 6.0                         |          | 13—17 | 10.4                        | 10.0                        |
|          | 21—25 | 6.9                         | 6.6                         |          | 18—22 | 8.9                         | 8.5                         |
|          | 26—30 | 11.6                        | 11.2                        |          | 23—27 | 11.3                        | 10.8                        |
| Mai      | 1—5   | 14.2                        | 13.5                        | Nov.     | 28—1  | 7.6                         | 7.0                         |
|          | 6—10  | 17.8                        | 16.9                        |          | 2—6   | 7.0                         | 6.5                         |
|          | 11—15 | 14.9                        | 14.3                        |          | 7—11  | 8.0                         | 7.8                         |
|          | 16—20 | 17.6                        | 16.9                        |          | 12—16 | 7.6                         | 7.3                         |
|          | 21—25 | 12.2                        | 11.8                        |          | 17—21 | 6.2                         | 5.8                         |
|          | 26—30 | 15.6                        | 15.2                        |          | 22—26 | 0.5                         | —0.2                        |
| Juni     | 31—4  | 12.5                        | 11.9                        | Dez.     | 27—1  | 2.1                         | 1.7                         |
|          | 5—9   | 12.5                        | 12.1                        |          | 2—6   | 4.1                         | 3.8                         |
|          | 10—14 | 17.0                        | 16.5                        |          | 7—11  | 0.9                         | 0.3                         |
|          | 15—19 | 21.7                        | 20.5                        |          | 12—16 | 2.0                         | 1.5                         |
|          | 20—24 | <b>23.2</b>                 | <b>21.9</b>                 |          | 17—21 | 4.9                         | 4.5                         |
|          | 25—29 | 20.8                        | 20.3                        |          | 22—26 | 0.9                         | 0.2                         |
|          |       |                             |                             | 27—31    | 0.9   | 0.0                         |                             |

## d) Sonnenscheindauer in Stunden 1936.

Station Schützenhof, Höhe des Stationsgeländes über N.-N. = 123,4 m.

Höhe des Sonnenscheinautographen über dem Erdboden = 16,7 m.

Täglicher Gang nach wahrer Zeit<sup>1)</sup>.

|                | Jan.       | Febr.       | März        | April       | Mai          | Juni        | Juli        | Aug.        | Sept.       | Okt.        | Nov.       | Dez.        | Jahr         |
|----------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|--------------|
| 4—5            | —          | —           | —           | —           | 1.9          | 4.4         | 1.5         | —           | —           | —           | —          | —           | 7.8          |
| 5—6            | —          | —           | —           | 1.6         | 13.0         | 13.3        | 6.7         | 4.4         | —           | —           | —          | —           | 39.0         |
| 6—7            | —          | —           | 1.0         | 10.6        | 15.4         | 13.7        | 7.2         | 16.4        | 3.0         | 0.4         | —          | —           | 67.7         |
| 7—8            | —          | 4.2         | 6.2         | 14.2        | 16.1         | 14.6        | 9.7         | 18.0        | 5.6         | 5.3         | —          | —           | 93.9         |
| 8—9            | 1.5        | 11.6        | 9.3         | 13.2        | <b>19.3</b>  | 14.1        | 10.2        | <b>18.8</b> | 10.8        | 11.0        | 1.3        | 0.2         | 121.3        |
| 9—10           | 5.6        | <b>13.6</b> | 11.8        | 13.2        | 18.9         | 14.1        | 12.0        | 18.5        | 11.6        | <b>11.5</b> | 4.6        | 1.5         | 136.9        |
| 10—11          | 6.7        | 13.4        | 14.8        | <b>14.4</b> | 16.5         | 13.4        | <b>13.4</b> | 17.7        | 11.8        | 11.4        | 5.4        | 2.2         | <b>141.1</b> |
| 11—12          | <b>8.3</b> | 12.5        | 14.9        | 13.4        | 17.1         | 14.0        | 11.7        | 16.9        | <b>13.1</b> | 10.3        | <b>5.5</b> | 1.3         | 139.0        |
| 12—13          | 6.1        | 11.5        | 16.3        | 13.6        | 18.1         | 13.5        | 11.1        | 18.5        | 12.9        | 10.2        | 5.4        | 1.4         | 138.6        |
| 13—14          | 4.0        | 12.4        | <b>17.1</b> | 13.9        | 15.4         | 12.0        | 12.3        | 18.3        | 11.2        | 8.9         | 5.0        | <b>3.1</b>  | 133.6        |
| 14—15          | 4.4        | 12.4        | 15.3        | 13.6        | 14.8         | 12.2        | 11.3        | 16.4        | 12.7        | 6.4         | 4.9        | 3.0         | 127.4        |
| 15—16          | 1.5        | 8.8         | 14.2        | 12.3        | 16.5         | 13.8        | 10.3        | 15.9        | 10.8        | 4.1         | 3.8        | 1.5         | 113.5        |
| 16—17          | —          | 0.9         | 9.3         | 11.1        | 15.7         | <b>17.2</b> | 11.1        | 13.6        | 6.8         | 2.9         | —          | —           | 88.6         |
| 17—18          | —          | —           | 0.6         | 7.4         | 17.3         | 15.2        | 8.8         | 11.7        | 2.3         | —           | —          | —           | 63.3         |
| 18—19          | —          | —           | —           | 0.6         | 6.2          | 8.7         | 4.3         | 2.0         | —           | —           | —          | —           | 21.8         |
| Vormittag.     | 22.1       | 55.3        | 58.0        | 80.6        | <b>118.2</b> | 101.6       | 72.4        | 110.7       | 55.9        | 49.9        | 16.8       | <b>5.2</b>  | 746.7        |
| Nachmittag     | 16.0       | 46.0        | 72.8        | 72.5        | <b>104.0</b> | 92.6        | 69.2        | 96.4        | 56.7        | 32.5        | 19.1       | <b>9.0</b>  | 686.8        |
| Summe . . .    | 38.1       | 101.3       | 130.8       | 153.1       | <b>222.2</b> | 194.2       | 141.6       | 207.1       | 112.6       | 82.4        | 35.9       | <b>14.2</b> | 1433.5       |
| Mittel . . . . | 1.2        | 3.5         | 4.2         | 5.1         | <b>7.2</b>   | 6.5         | 4.6         | 6.7         | 3.8         | 2.7         | 1.2        | <b>0.5</b>  | 3.9          |

## v. H. der effektiv möglichen Dauer.

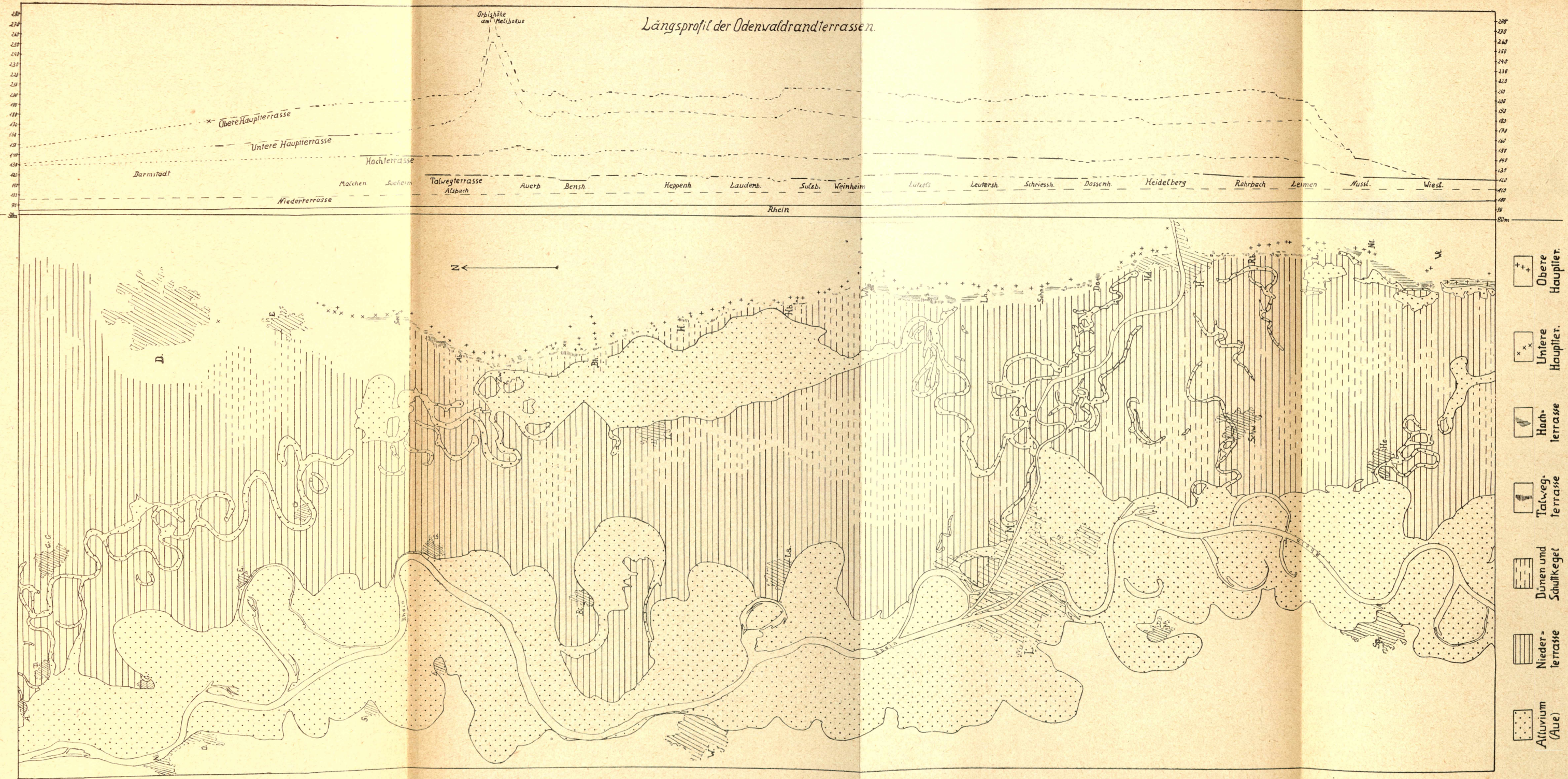
|             |    |    |    |    |           |    |    |           |    |    |    |          |    |
|-------------|----|----|----|----|-----------|----|----|-----------|----|----|----|----------|----|
| Vormittag.  | 18 | 39 | 34 | 41 | <b>52</b> | 43 | 31 | <b>52</b> | 32 | 32 | 13 | 5        | 35 |
| Nachmittag  | 14 | 35 | 44 | 38 | <b>50</b> | 46 | 33 | 48        | 33 | 22 | 16 | 8        | 35 |
| Summe . . . | 16 | 37 | 38 | 40 | <b>51</b> | 44 | 32 | 50        | 32 | 27 | 15 | <b>6</b> | 35 |

## Tage ohne Sonnenschein.

|    |   |   |   |   |   |   |   |   |   |    |           |    |
|----|---|---|---|---|---|---|---|---|---|----|-----------|----|
| 11 | 6 | 5 | 5 | 0 | 2 | 1 | 3 | 4 | 6 | 16 | <b>23</b> | 82 |
|----|---|---|---|---|---|---|---|---|---|----|-----------|----|

<sup>1)</sup> Im Sommer in den Abendstunden infolge Hanglage zu wenig.

# Die Rhein- und Neckarterrassen vom Kraichgau bis zum Maintal.



Maßstab der Karte etwa 1 : 200000. Überhöhung des Profils 50 fach. Entworfen und gezeichnet nach eigenen Aufnahmen und den vorhandenen geologischen Meßtischblättern der hessischen und badischen geol. Landesaufnahme von Heinrich Ostheimer.

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Jahr/Year: 1937

Band/Volume: [84](#)

Autor(en)/Author(s): Schmidt Albert

Artikel/Article: [Ergebnisse der meteorologischen Beobachtungen in Wiesbaden im Jahre 1936. 199-205](#)