

# Państwowy Instytut Hydrologiczno-Meteorologiczny

Wyniki spostrzeżeń nad temperaturą gruntu

Symbol stacji

Stacja **KÓRNIK**

Rok **1965**

Powiat **ŚREM**

Miesiąc **Kwiecień**

Dorzecze **WARTA**

$\varphi = 52^{\circ}15'$ ,  $\lambda = 17^{\circ}06'$ ,  $H_s = 76,85 m$

## Dane o termometrach:

| Głębokość umieszczenia                | Typ termometru | Wytwórnia      | Nr fabryczny<br>Nr. PZH M | Nr i data świad. sprawdz. | Poprawki   | Data ustawienia termometru       |
|---------------------------------------|----------------|----------------|---------------------------|---------------------------|--|----------------------------------|
| 5 cm                                  | Polandowy      | Terns-arcometr | 54-14166<br>126-65        | 12.7.1965<br>884/65       | -21.0 -10.3 -0.1<br>-10.2 3.4 0.0<br>3.5 23.5 -0.1<br>23.6 26.9 -0.2<br>27.0 30.3 -0.3; 30.4 40.0 -0.4 | 31.3.1965                        |
| 10 cm                                 | "              | U. Hallay      | 63-334<br>1253-63         | 24.7.1963<br>754/63       | -20.0 -0.1 0.1<br>0.0 40.0 0.0   | 31.3.1965                        |
| 20 cm                                 | "              | U. Hallay      | 64-2370<br>(1242-64)      | 888/64<br>9.XII.1964      | -20.0 -17.9 -0.1;<br>-17.8 -13.5 -0.3<br>-13.4 -9.1 -0.2<br>-9.0 -4.6 -0.1; -4.5 40.0 0.0              | 10.3.1965                        |
| 50 cm                                 | "              | Terns-arcometr | 100663                    | -                         | Przez poprawki   | XII.1949<br><del>31.3.1965</del> |
| Termometr min. w przyz. warstwie pow. |                | Terns-arcometr | 17532-52<br>213-63        | 9.2.1963<br>679/62        | -20.0 -17.9 -0.2<br>-17.8 -12.7 -0.1<br>-12.8 -7.8 0.0<br>-7.7 -2.7 0.7<br>-2.6 2.3 0.2                |                                  |

Szczegółowy opis przekroju gruntu z podaniem grubości poszczególnych warstw:

2.4 7.4 0.7  
2.5 24.9 0.0  
25.0 30.0 0.7

Jak rozstawione są termometry (odległość w cm) i rodzaj pokrywy: **poł. termometry w trójczajkach, odległości między trójczajkami 50cm, poletko wazie**

Miejsce obserwacji: **ogródki meteorologiczne**

Zmiany zaszele w ciągu miesiąca sprawozdawczego w ustawieniu i działaniu termometrów:  
**31.3.1965 po obserwacji w III termometrze wymienione poprzednie termometry gruntu (patrz moneta 1965r.) na termometry nowe (wymienione powyżej).**

Data ustalenia się pokrywy śnieżnej: **na głębok. 5 i 10 cm.**

Data zniknięcia pokrywy śnieżnej:

Uwagi:

Kierownik stacji: ..... Obserwator **Chacmarz**

Średnia dzienna:  $\frac{1}{3} (7^h + 13^h + 21^h)$ 

| Dzień        | Głębokość w cm |       |       |                  |         |       |       |                  |          |       |       |                  |         |       |       |                  | Termometr<br>min. w przyj.<br>warstwie pow. | Pokrywa<br>śnieżna w<br>miejscu inst.<br>term. min. |   |
|--------------|----------------|-------|-------|------------------|---------|-------|-------|------------------|----------|-------|-------|------------------|---------|-------|-------|------------------|---|---|---|
|              | 5              |       |       |                  | 10      |       |       |                  | 20       |       |       |                  | 50      |       |       |                  |   | w   | r |
|              | 7              | 13    | 21    | Sredn.<br>dzien. | 7       | 13    | 21    | Sredn.<br>dzien. | 7        | 13    | 21    | Sredn.<br>dzien. | 7       | 13    | 21    | Sredn.<br>dzien. |   |   |   |
| 1            | 1.3            | 9.8   | 5.0   | 5.4              | 2.0     | 7.9   | 6.1   | 5.3              | 3.7      | 5.3   | 6.8   | 5.3              | 5.2     | 4.9   | 5.3   | 5.1              | - 2.9                                       |   |   |
| 2            | 1.5            | 11.2  | 7.0   | 6.6              | 2.0     | 9.0   | 7.8   | 6.3              | 3.5      | 5.9   | 7.7   | 5.7              | 5.1     | 5.0   | 5.4   | 5.2              | - 1.7                                       |   |   |
| 3            | 1.5            | 8.1   | 2.5   | 4.0              | 2.4     | 6.6   | 3.5   | 4.2              | 4.2      | 5.8   | 4.9   | 5.0              | 5.4     | 5.2   | 5.3   | 5.3              | - 2.9                                       |   |   |
| 4            | 1.2            | 12.1  | 5.3   | 6.2              | 1.8     | 9.8   | 6.7   | 6.1              | 3.4      | 6.1   | 7.4   | 5.6              | 5.0     | 5.2   | 5.8   | 5.3              | - 3.1                                       |   |   |
| 5            | 1.3            | 13.0  | 7.6   | 7.3              | 2.3     | 10.6  | 8.7   | 7.2              | 4.3      | 6.8   | 8.9   | 6.7              | 5.6     | 5.5   | 6.1   | 5.7              | - 3.3                                       |   |   |
| 6            | 2.6            | 13.5  | 8.9   | 8.3              | 3.2     | 11.1  | 9.8   | 8.0              | 4.9      | 7.4   | 9.6   | 7.3              | 6.1     | 6.0   | 6.5   | 6.8              | - 3.3                                       |   |   |
| 7            | 6.6            | 10.0  | 6.2   | 7.6              | 6.6     | 9.2   | 7.1   | 7.6              | 6.8      | 7.6   | 7.6   | 7.3              | 6.7     | 6.6   | 6.5   | 6.6              | + 2.3                                       |   |   |
| 8            | 3.1            | 12.8  | 7.3   | 7.7              | 3.3     | 12.2  | 8.3   | 7.9              | 4.7      | 7.1   | 8.6   | 6.8              | 6.2     | 6.1   | 6.4   | 6.2              | - 2.5                                       |   |   |
| 9            | 4.1            | 9.0   | 7.1   | 6.7              | 4.5     | 8.0   | 7.5   | 6.7              | 5.6      | 5.6   | 7.5   | 6.2              | 6.4     | 6.2   | 6.3   | 6.3              | 1.3   |   |   |
| 10           | 4.1            | 10.5  | 5.6   | 6.7              | 4.5     | 9.1   | 6.4   | 6.7              | 5.4      | 6.7   | 7.1   | 6.4              | 6.2     | 6.2   | 6.5   | 6.3              | 0.9   |   |   |
| Suma dek.    | 27.3           | 110.0 | 62.5  | 66.5             | 32.6    | 93.5  | 71.9  | 66.0             | 46.5     | 64.3  | 76.1  | 62.3             | 57.9    | 56.9  | 60.7  | 58.2             | - 19.7                                      |   |   |
| 11           | 3.9            | 5.7   | 4.1   | 4.6              | 4.4     | 5.6   | 4.7   | 4.9              | 5.4      | 5.4   | 5.4   | 5.4              | 6.2     | 6.0   | 5.8   | 6.0              | 1.4   |   |   |
| 12           | 2.8            | 8.7   | 6.8   | 6.1              | 2.7     | 8.0   | 6.2   | 5.6              | 3.8      | 6.1   | 6.3   | 5.4              | 5.5     | 5.5   | 5.7   | 5.6              | - 2.4                                       |   |   |
| 13           | 3.7            | 12.3  | 9.4   | 8.5              | 3.7     | 10.2  | 9.6   | 7.8              | 4.6      | 6.8   | 8.8   | 6.7              | 5.7     | 5.7   | 6.3   | 5.9              | - 0.7                                       |   |   |
| 14           | 6.6            | 11.5  | 7.7   | 8.6              | 6.8     | 10.7  | 8.3   | 8.6              | 7.1      | 8.4   | 8.5   | 8.0              | 6.7     | 6.7   | 7.0   | 6.8              | 5.4   |   |   |
| 15           | 4.1            | 14.0  | 7.9   | 8.7              | 4.4     | 11.5  | 9.0   | 8.3              | 5.6      | 8.0   | 9.4   | 7.7              | 5.8     | 6.7   | 7.1   | 6.5              | - 0.4                                       |   |   |
| 16           | 3.1            | 11.4  | 8.9   | 7.8              | 3.6     | 10.4  | 9.2   | 7.7              | 5.4      | 7.6   | 8.8   | 7.3              | 7.0     | 6.7   | 7.0   | 6.9              | - 1.5                                       |   |   |
| 17           | 6.9            | 12.8  | 7.7   | 9.1              | 7.0     | 11.2  | 8.2   | 8.8              | 7.4      | 8.4   | 8.7   | 8.2              | 7.2     | 7.2   | 7.4   | 7.3              | 5.3   |   |   |
| 18           | 7.4            | 12.6  | 5.5   | 8.5              | 7.3     | 11.1  | 6.6   | 8.3              | 7.1      | 8.4   | 7.8   | 7.8              | 7.4     | 7.4   | 7.5   | 7.4              | 4.9   |   |   |
| 19           | 5.0            | 14.3  | 8.1   | 9.1              | 5.2     | 12.4  | 8.7   | 8.8              | 6.0      | 8.4   | 8.8   | 7.7              | 7.3     | 7.1   | 7.5   | 7.3              | 0.8   |   |   |
| 20           | 7.2            | 9.8   | 7.7   | 8.2              | 7.3     | 9.1   | 7.9   | 8.1              | 7.3      | 8.1   | 8.2   | 7.9              | 7.4     | 7.3   | 7.4   | 7.4              | 5.7   |   |   |
| Suma dek.    | 50.7           | 113.3 | 73.8  | 79.2             | 52.4    | 100.2 | 78.4  | 76.9             | 57.7     | 75.6  | 80.7  | 72.1             | 66.2    | 66.3  | 68.7  | 67.1             | 18.5  |   |   |
| 21           | 6.6            | 10.0  | 8.6   | 8.4              | 6.4     | 9.3   | 8.7   | 8.1              | 6.7      | 7.8   | 8.4   | 7.6              | 7.4     | 7.3   | 7.4   | 7.4              | 4.6   |   |   |
| 22           | 8.0            | 10.6  | 7.0   | 8.5              | 8.0     | 10.2  | 7.4   | 8.5              | 7.5      | 8.6   | 8.0   | 8.0              | 7.4     | 7.4   | 7.6   | 7.5              | 7.3   |   |   |
| 23           | 6.0            | 7.3   | 6.4   | 6.6              | 6.2     | 7.2   | 6.7   | 6.7              | 6.7      | 6.8   | 7.8   | 7.1              | 7.3     | 7.2   | 7.1   | 7.2              | 4.6   |   |   |
| 24           | 5.4            | 8.1   | 5.7   | 6.4              | 5.5     | 7.6   | 6.2   | 6.4              | 6.0      | 6.7   | 7.0   | 6.6              | 6.8     | 6.7   | 6.8   | 6.8              | 3.9   |   |   |
| 25           | 6.3            | 10.2  | 5.2   | 7.2              | 6.0     | 9.4   | 6.3   | 7.2              | 6.1      | 7.7   | 7.4   | 7.1              | 6.7     | 6.7   | 6.9   | 6.8              | 3.9   |   |   |
| 26           | 4.7            | 11.6  | 7.1   | 7.8              | 4.7     | 10.5  | 8.0   | 7.7              | 5.4      | 8.0   | 8.5   | 7.3              | 6.7     | 6.8   | 7.2   | 6.9              | 4.1   |   |   |
| 27           | 4.9            | 14.2  | 9.5   | 9.5              | 4.8     | 12.1  | 10.4  | 9.1              | 5.9      | 8.7   | 10.4  | 8.3              | 7.2     | 7.1   | 7.8   | 7.4              | 0.8   |   |   |
| 28           | 7.3            | 11.5  | 8.4   | 9.1              | 7.3     | 10.4  | 8.7   | 8.8              | 7.8      | 8.7   | 8.8   | 8.4              | 7.9     | 7.9   | 7.9   | 7.9              | 4.8   |   |   |
| 29           | 6.9            | 13.2  | 8.9   | 9.7              | 7.0     | 12.0  | 9.8   | 9.6              | 7.5      | 9.3   | 10.0  | 8.9              | 7.8     | 7.8   | 8.2   | 7.9              | 5.4   |   |   |
| 30           | 5.5            | 15.5  | 8.4   | 9.8              | 5.3     | 13.8  | 9.5   | 9.5              | 6.6      | 10.3  | 10.1  | 9.0              | 8.1     | 7.9   | 8.4   | 8.1              | - 0.4                                       |   |   |
| 31           |                |       |       |                  |         |       |       |                  |          |       |       |                  |         |       |       |                  |   |   |   |
| Suma dek.    | 61.6           | 112.2 | 75.2  | 83.0             | 61.2    | 102.5 | 81.7  | 81.6             | 66.2     | 82.6  | 86.4  | 78.3             | 73.3    | 72.8  | 75.3  | 73.9             | 39.0  |   |   |
| Suma mies.   | 139.6          | 335.5 | 211.5 | 228.7            | 146.2   | 296.2 | 232.0 | 224.5            | 172.4    | 222.5 | 243.2 | 212.7            | 192.4   | 196.0 | 204.9 | 199.2            | 37.8  |   |   |
| średn. mies. | 4.7            | 11.2  | 7.0   | 7.6              | 4.9     | 9.9   | 7.7   | 7.5              | 5.7      | 7.4   | 8.1   | 7.1              | 6.6     | 6.5   | 6.8   | 6.6              | 1.3   |   |   |
| Max          | 15.5 dn.       | 20    |       |                  | 138 dn. | 30    |       |                  | 10.3 dn. | 30    |       |                  | 8.4 dn. | 30    |       |                  |   |   |   |
| Min.         | 1.2 dn.        | 4     |       |                  | 1.8 dn. | 4     |       |                  | 4.9 dn.  | 7     |       |                  | 4.9 dn. | 7     |       |                  | - 5.8                                       | 5   |   |