

Wschody i zachody Słońca w Krakowie - Maj 2025

| Data          | Ws                              | Za                              | Dług.<br>Dnia                   | Dłuższy<br>od<br>Najkrót       | Krótszy<br>od<br>Najdłuż       | Fazy Księżyca<br>Przew. akt. Słońca<br>(m, ś, d, bd) |
|---------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|------------------------------------------------------|
| <b>1.Czw</b>  | 05 <sup>h</sup> 17 <sup>m</sup> | 19 <sup>h</sup> 59 <sup>m</sup> | 14 <sup>h</sup> 42 <sup>m</sup> | 6 <sup>h</sup> 37 <sup>m</sup> | 1 <sup>h</sup> 41 <sup>m</sup> | d - duża                                             |
| 2.Pią         | 05 15                           | 20 00                           | 14 45                           | 6 40                           | 1 38                           | d                                                    |
| <b>3.Sob</b>  | 05 13                           | 20 02                           | 14 49                           | 6 44                           | 1 34                           | d                                                    |
| <b>4.Nie</b>  | 05 11                           | 20 03                           | 14 52                           | 6 47                           | 1 31                           | d I kwadra 15 <sup>h</sup> 52 <sup>m</sup>           |
| 5.Pon         | 05 09                           | 20 04                           | 14 55                           | 6 50                           | 1 28                           | d                                                    |
| 6.Wto         | 05 08                           | 20 06                           | 14 58                           | 6 53                           | 1 25                           | d                                                    |
| 7.Sro         | 05 06                           | 20 07                           | 15 01                           | 6 56                           | 1 22                           | d                                                    |
| 8.Czw         | 05 05                           | 20 09                           | 15 04                           | 6 59                           | 1 19                           | d                                                    |
| 9.Pią         | 05 03                           | 20 10                           | 15 07                           | 7 02                           | 1 16                           | d                                                    |
| 10.Sob        | 05 02                           | 20 12                           | 15 10                           | 7 05                           | 1 13                           | d                                                    |
| <b>11.Nie</b> | 05 00                           | 20 13                           | 15 13                           | 7 08                           | 1 10                           | d Ks. apogeum 02 <sup>h</sup> 49 <sup>m</sup>        |
| 12.Pon        | 04 59                           | 20 15                           | 15 16                           | 7 11                           | 1 07                           | d Pełnia 18 <sup>h</sup> 56 <sup>m</sup>             |
| 13.Wto        | 04 57                           | 20 16                           | 15 19                           | 7 14                           | 1 04                           | d                                                    |
| 14.Sro        | 04 56                           | 20 18                           | 15 22                           | 7 17                           | 1 01                           | d                                                    |
| 15.Czw        | 04 54                           | 20 19                           | 15 25                           | 7 20                           | 0 58                           | d                                                    |
| 16.Pią        | 04 53                           | 20 21                           | 15 28                           | 7 23                           | 0 55                           | d                                                    |
| 17.Sob        | 04 52                           | 20 22                           | 15 30                           | 7 25                           | 0 53                           | d                                                    |
| <b>18.Nie</b> | 04 51                           | 20 23                           | 15 32                           | 7 27                           | 0 51                           | d                                                    |
| 19.Pon        | 04 50                           | 20 25                           | 15 35                           | 7 30                           | 0 48                           | d                                                    |
| 20.Wto        | 04 48                           | 20 26                           | 15 38                           | 7 33                           | 0 45                           | d Ost. kwadra 13 <sup>h</sup> 59 <sup>m</sup>        |
| 21.Sro        | 04 47                           | 20 27                           | 15 40                           | 7 35                           | 0 43                           | d                                                    |
| 22.Czw        | 04 46                           | 20 28                           | 15 42                           | 7 37                           | 0 41                           | d                                                    |
| 23.Pią        | 04 44                           | 20 29                           | 15 45                           | 7 40                           | 0 38                           | d                                                    |
| 24.Sob        | 04 43                           | 20 31                           | 15 48                           | 7 43                           | 0 35                           | d                                                    |
| <b>25.Nie</b> | 04 42                           | 20 32                           | 15 50                           | 7 45                           | 0 33                           | d                                                    |
| 26.Pon        | 04 41                           | 20 33                           | 15 52                           | 7 47                           | 0 31                           | d Ks. perygeum 03 <sup>h</sup> 37 <sup>m</sup>       |
| 27.Wto        | 04 41                           | 20 35                           | 15 54                           | 7 49                           | 0 29                           | d Nów 05 <sup>h</sup> 02 <sup>m</sup>                |
| 28.Sro        | 04 40                           | 20 36                           | 15 56                           | 7 51                           | 0 27                           | d                                                    |
| 29.Czw        | 04 39                           | 20 37                           | 15 58                           | 7 53                           | 0 25                           | d                                                    |
| 30.Pią        | 04 38                           | 20 38                           | 16 00                           | 7 55                           | 0 23                           | d                                                    |
| 31.Sob        | 04 37                           | 20 39                           | 16 02                           | 7 57                           | 0 21                           | d                                                    |

Dane wyznaczone na podstawie: *The American Ephemeris and Nautical*

*Almanac \* 2025* w Staniątkach, 8 marca 2025

Adam Michalec