

SŁOŃCE

| d | JD | Wsch. | Zach. | A | α | δ | η | θ |
|----------------------|------|-------------|--------------|-------------|----------|--------------|--------|----------|
| | | $\lambda=0$ | $\varphi=50$ | | 0^hUT | | | |
| WRZESIEŃ 2018 | | | | | | | | |
| | 2458 | h m | h m | \pm° | h m s | $^\circ$ ' " | m s | h m s |
| 1 | 363 | 5 15 | 18 44 | 104 | 10 40 35 | 8 22.4 | - 0 09 | 22 40 27 |
| 2 | 364 | 5 16 | 18 42 | 103 | 10 44 13 | 8 00.7 | 0 10 | 22 44 24 |
| 3 | 365 | 5 18 | 18 40 | 103 | 10 47 50 | 7 38.8 | 0 29 | 22 48 20 |
| 4 | 366 | 5 19 | 18 38 | 102 | 10 51 27 | 7 16.7 | 0 49 | 22 52 17 |
| 5 | 367 | 5 21 | 18 36 | 101 | 10 55 04 | 6 54.6 | 1 09 | 22 56 13 |
| 6 | 368 | 5 22 | 18 34 | 101 | 10 58 40 | 6 32.3 | 1 29 | 23 00 10 |
| 7 | 369 | 5 24 | 18 31 | 100 | 11 02 17 | 6 09.9 | 1 49 | 23 04 06 |
| 8 | 370 | 5 25 | 18 29 | 100 | 11 05 53 | 5 47.5 | 2 09 | 23 08 03 |
| 9 | 371 | 5 27 | 18 27 | 99 | 11 09 29 | 5 24.9 | 2 30 | 23 11 59 |
| 10 | 372 | 5 28 | 18 25 | 98 | 11 13 04 | 5 02.2 | 2 51 | 23 15 56 |
| 11 | 373 | 5 30 | 18 23 | 98 | 11 16 40 | 4 39.5 | 3 12 | 23 19 53 |
| 12 | 374 | 5 31 | 18 20 | 97 | 11 20 16 | 4 16.6 | 3 33 | 23 23 49 |
| 13 | 375 | 5 33 | 18 18 | 97 | 11 23 51 | 3 53.7 | 3 54 | 23 27 46 |
| 14 | 376 | 5 34 | 18 16 | 96 | 11 27 26 | 3 30.8 | 4 15 | 23 31 42 |
| 15 | 377 | 5 36 | 18 14 | 95 | 11 31 01 | 3 07.7 | 4 36 | 23 35 39 |
| 16 | 378 | 5 37 | 18 12 | 95 | 11 34 37 | 2 44.6 | 4 58 | 23 39 35 |
| 17 | 379 | 5 39 | 18 09 | 94 | 11 38 12 | 2 21.5 | 5 19 | 23 43 32 |
| 18 | 380 | 5 40 | 18 07 | 94 | 11 41 47 | 1 58.3 | 5 41 | 23 47 28 |
| 19 | 381 | 5 42 | 18 05 | 93 | 11 45 22 | 1 35.1 | 6 02 | 23 51 25 |
| 20 | 382 | 5 43 | 18 03 | 92 | 11 48 57 | 1 11.8 | 6 23 | 23 55 22 |
| 21 | 383 | 5 45 | 18 01 | 92 | 11 52 32 | 0 48.5 | 6 45 | 23 59 18 |
| 22 | 384 | 5 46 | 17 58 | 91 | 11 56 08 | 0 25.2 | 7 06 | 0 03 15 |
| 23 | 385 | 5 48 | 17 56 | 91 | 11 59 43 | 0 01.8 | 7 27 | 0 07 11 |
| 24 | 386 | 5 49 | 17 54 | 90 | 12 03 18 | - 0 21.5 | 7 48 | 0 11 08 |
| 25 | 387 | 5 51 | 17 52 | 89 | 12 06 54 | - 0 44.9 | 8 09 | 0 15 04 |
| 26 | 388 | 5 52 | 17 50 | 89 | 12 10 30 | - 1 08.2 | 8 30 | 0 19 01 |
| 27 | 389 | 5 54 | 17 47 | 88 | 12 14 06 | - 1 31.6 | 8 51 | 0 22 57 |
| 28 | 390 | 5 55 | 17 45 | 88 | 12 17 42 | - 1 54.9 | 9 11 | 0 26 54 |
| 29 | 391 | 5 57 | 17 43 | 87 | 12 21 18 | - 2 18.2 | 9 32 | 0 30 51 |
| 30 | 392 | 5 58 | 17 41 | 86 | 12 24 55 | - 2 41.5 | 9 51 | 0 34 47 |

23 IX 1^h54^m Początek astronomicznej jesieni