

2023 - May

Calendar for ANU - Siding Spring

2023 - May

Longitude: E 149 04  
Latitude : S 31 16

Height: 200m  
Time Zone: +10h 00m

Zone Time = UT + 10h 00m

| Date | J.D. at |        | Zone Time = UT + 10h 00m |    |    |      |     |              |       |             |             |             |      |     |             |             |             |    |    |    |    |    |    |    |    |    |    |    |
|------|---------|--------|--------------------------|----|----|------|-----|--------------|-------|-------------|-------------|-------------|------|-----|-------------|-------------|-------------|----|----|----|----|----|----|----|----|----|----|----|
|      | 246     | Oh UT  | LMST                     |    |    | Moon |     | Moon Transit |       | Morning     |             |             | Sun  |     | Evening     |             |             |    |    |    |    |    |    |    |    |    |    |    |
|      |         |        | at                       | Oh | UT | Rise | Set | Dec.         | Phase | Astr. Twil. | Naut. Twil. | Civil Twil. | Rise | Set | Civil Twil. | Naut. Twil. | Astr. Twil. |    |    |    |    |    |    |    |    |    |    |    |
| h    | m       | s      | h                        | m  | h  | m    | o   | '            | h     | m           | h           | m           | h    | m   | h           | m           | h           | m  |    |    |    |    |    |    |    |    |    |    |
| Mon  | 1       | 0065.5 | 00                       | 30 | 56 | 15   | 06  | 01           | 58    | +07         | 52          | 0.82        | 05   | 12  | 05          | 40          | 06          | 09 | 06 | 32 | 17 | 30 | 17 | 53 | 18 | 21 | 18 | 50 |
| Tues | 2       | 0066.5 | 00                       | 34 | 52 | 15   | 33  | 02           | 54    | +01         | 54          | 0.89        | 05   | 12  | 05          | 41          | 06          | 10 | 06 | 32 | 17 | 29 | 17 | 52 | 18 | 20 | 18 | 49 |
| Wed  | 3       | 0067.5 | 00                       | 38 | 49 | 16   | 00  | 03           | 51    | -04         | 17          | 0.95        | 05   | 13  | 05          | 41          | 06          | 10 | 06 | 33 | 17 | 28 | 17 | 51 | 18 | 20 | 18 | 48 |
| Thur | 4       | 0068.5 | 00                       | 42 | 46 | 16   | 28  | 04           | 49    | -10         | 26          | 0.98        | 05   | 13  | 05          | 42          | 06          | 11 | 06 | 34 | 17 | 27 | 17 | 50 | 18 | 19 | 18 | 47 |
| Fri  | 5       | 0069.5 | 00                       | 46 | 42 | 16   | 59  | 05           | 49    | -16         | 14          | 1.00        | 05   | 14  | 05          | 43          | 06          | 11 | 06 | 34 | 17 | 26 | 17 | 49 | 18 | 18 | 18 | 47 |
| Sat  | 6       | 0070.5 | 00                       | 50 | 39 | 17   | 35  | 06           | 53    | ..          | ..          | ....        | 05   | 15  | 05          | 43          | 06          | 12 | 06 | 35 | 17 | 26 | 17 | 48 | 18 | 17 | 18 | 46 |
| Sun  | 7       | 0071.5 | 00                       | 54 | 35 | 18   | 17  | 08           | 00    | -21         | 18          | 0.99        | 05   | 15  | 05          | 44          | 06          | 13 | 06 | 36 | 17 | 25 | 17 | 48 | 18 | 17 | 18 | 45 |
| Mon  | 8       | 0072.5 | 00                       | 58 | 32 | 19   | 08  | 09           | 09    | -25         | 12          | 0.95        | 05   | 16  | 05          | 44          | 06          | 13 | 06 | 36 | 17 | 24 | 17 | 47 | 18 | 16 | 18 | 44 |
| Tues | 9       | 0073.5 | 01                       | 02 | 28 | 20   | 07  | 10           | 16    | -27         | 27          | 0.89        | 05   | 16  | 05          | 45          | 06          | 14 | 06 | 37 | 17 | 23 | 17 | 46 | 18 | 15 | 18 | 44 |
| Wed  | 10      | 0074.5 | 01                       | 06 | 25 | 21   | 13  | 11           | 18    | -27         | 45          | 0.81        | 05   | 17  | 05          | 45          | 06          | 15 | 06 | 38 | 17 | 22 | 17 | 45 | 18 | 15 | 18 | 43 |
| Thur | 11      | 0075.5 | 01                       | 10 | 21 | 22   | 23  | 12           | 12    | -26         | 02          | 0.70        | 05   | 17  | 05          | 46          | 06          | 15 | 06 | 38 | 17 | 22 | 17 | 45 | 18 | 14 | 18 | 43 |
| Fri  | 12      | 0076.5 | 01                       | 14 | 18 | 23   | 33  | 12           | 57    | -22         | 28          | 0.59        | 05   | 18  | 05          | 47          | 06          | 16 | 06 | 39 | 17 | 21 | 17 | 44 | 18 | 13 | 18 | 42 |
| Sat  | 13      | 0077.5 | 01                       | 18 | 15 | ..   | ..  | 13           | 36    | -17         | 28          | 0.47        | 05   | 18  | 05          | 47          | 06          | 16 | 06 | 40 | 17 | 20 | 17 | 43 | 18 | 13 | 18 | 41 |
| Sun  | 14      | 0078.5 | 01                       | 22 | 11 | 00   | 42  | 14           | 10    | -11         | 27          | 0.35        | 05   | 19  | 05          | 48          | 06          | 17 | 06 | 40 | 17 | 20 | 17 | 43 | 18 | 12 | 18 | 41 |
| Mon  | 15      | 0079.5 | 01                       | 26 | 08 | 01   | 48  | 14           | 41    | -04         | 51          | 0.25        | 05   | 20  | 05          | 48          | 06          | 18 | 06 | 41 | 17 | 19 | 17 | 42 | 18 | 12 | 18 | 40 |
| Tues | 16      | 0080.5 | 01                       | 30 | 04 | 02   | 52  | 15           | 11    | +01         | 57          | 0.15        | 05   | 20  | 05          | 49          | 06          | 18 | 06 | 42 | 17 | 18 | 17 | 42 | 18 | 11 | 18 | 40 |
| Wed  | 17      | 0081.5 | 01                       | 34 | 01 | 03   | 55  | 15           | 42    | +08         | 36          | 0.08        | 05   | 21  | 05          | 49          | 06          | 19 | 06 | 42 | 17 | 18 | 17 | 41 | 18 | 10 | 18 | 39 |
| Thur | 18      | 0082.5 | 01                       | 37 | 57 | 04   | 58  | 16           | 14    | +14         | 45          | 0.03        | 05   | 21  | 05          | 50          | 06          | 19 | 06 | 43 | 17 | 17 | 17 | 41 | 18 | 10 | 18 | 39 |
| Fri  | 19      | 0083.5 | 01                       | 41 | 54 | 06   | 02  | 16           | 49    | +20         | 06          | 0.00        | 05   | 22  | 05          | 51          | 06          | 20 | 06 | 43 | 17 | 17 | 17 | 40 | 18 | 09 | 18 | 38 |
| Sat  | 20      | 0084.5 | 01                       | 45 | 50 | 07   | 06  | 17           | 29    | +24         | 20          | 0.00        | 05   | 22  | 05          | 51          | 06          | 21 | 06 | 44 | 17 | 16 | 17 | 40 | 18 | 09 | 18 | 38 |
| Sun  | 21      | 0085.5 | 01                       | 49 | 47 | 08   | 09  | 18           | 15    | +27         | 14          | 0.02        | 05   | 23  | 05          | 52          | 06          | 21 | 06 | 45 | 17 | 16 | 17 | 39 | 18 | 09 | 18 | 38 |
| Mon  | 22      | 0086.5 | 01                       | 53 | 44 | 09   | 08  | 19           | 05    | +28         | 37          | 0.07        | 05   | 23  | 05          | 52          | 06          | 22 | 06 | 45 | 17 | 15 | 17 | 39 | 18 | 08 | 18 | 37 |
| Tues | 23      | 0087.5 | 01                       | 57 | 40 | 10   | 02  | 20           | 00    | +28         | 28          | 0.13        | 05   | 24  | 05          | 53          | 06          | 22 | 06 | 46 | 17 | 15 | 17 | 38 | 18 | 08 | 18 | 37 |
| Wed  | 24      | 0088.5 | 02                       | 01 | 37 | 10   | 50  | 20           | 57    | +26         | 52          | 0.20        | 05   | 24  | 05          | 53          | 06          | 23 | 06 | 47 | 17 | 14 | 17 | 38 | 18 | 07 | 18 | 37 |
| Thur | 25      | 0089.5 | 02                       | 05 | 33 | 11   | 31  | 21           | 55    | +24         | 02          | 0.28        | 05   | 25  | 05          | 54          | 06          | 24 | 06 | 47 | 17 | 14 | 17 | 37 | 18 | 07 | 18 | 36 |
| Fri  | 26      | 0090.5 | 02                       | 09 | 30 | 12   | 07  | 22           | 52    | +20         | 11          | 0.37        | 05   | 25  | 05          | 54          | 06          | 24 | 06 | 48 | 17 | 13 | 17 | 37 | 18 | 07 | 18 | 36 |
| Sat  | 27      | 0091.5 | 02                       | 13 | 26 | 12   | 38  | 23           | 47    | +15         | 30          | 0.47        | 05   | 26  | 05          | 55          | 06          | 25 | 06 | 48 | 17 | 13 | 17 | 37 | 18 | 07 | 18 | 36 |
| Sun  | 28      | 0092.5 | 02                       | 17 | 23 | 13   | 07  | ..           | ..    | +10         | 12          | 0.57        | 05   | 26  | 05          | 55          | 06          | 25 | 06 | 49 | 17 | 13 | 17 | 36 | 18 | 06 | 18 | 35 |
| Mon  | 29      | 0093.5 | 02                       | 21 | 20 | 13   | 33  | 00           | 43    | +04         | 27          | 0.67        | 05   | 27  | 05          | 56          | 06          | 26 | 06 | 50 | 17 | 12 | 17 | 36 | 18 | 06 | 18 | 35 |
| Tues | 30      | 0094.5 | 02                       | 25 | 16 | 14   | 00  | 01           | 38    | -01         | 35          | 0.76        | 05   | 27  | 05          | 56          | 06          | 26 | 06 | 50 | 17 | 12 | 17 | 36 | 18 | 06 | 18 | 35 |
| Wed  | 31      | 0095.5 | 02                       | 29 | 13 | 14   | 27  | 02           | 34    | -07         | 42          | 0.84        | 05   | 28  | 05          | 57          | 06          | 27 | 06 | 51 | 17 | 12 | 17 | 36 | 18 | 06 | 18 | 35 |