

2002 - May

Calendar for ANU - Siding Spring

2002 - May

Longitude: E 149 04  
Latitude : S 31 16

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

Zone Time = UT + 10h 00m

| Date    | J.D. at<br>Oh UT<br>245 | LMST<br>at Oh UT<br>h m s | Moon  |       | Moon Transit<br>Dec. Phase<br>o ' " | Morning     |             |             | Sun   |       | Evening     |             |             |       |
|---------|-------------------------|---------------------------|-------|-------|-------------------------------------|-------------|-------------|-------------|-------|-------|-------------|-------------|-------------|-------|
|         |                         |                           | Rise  | Set   |                                     | Astr. Twil. | Naut. Twil. | Civil Twil. | Rise  | Set   | Civil Twil. | Naut. Twil. | Astr. Twil. |       |
|         |                         |                           | h m   | h m   |                                     | h m         | h m         | h m         | h m   | h m   | h m         | h m         | h m         | h m   |
| Wed 1   | 2395.5                  | 00 31 16                  | 20 53 | 10 44 | -24 10                              | 0.84        | 05 12       | 05 40       | 06 09 | 06 32 | 17 30       | 17 52       | 18 21       | 18 50 |
| Thur 2  | 2396.5                  | 00 35 12                  | 21 50 | 11 41 | -24 52                              | 0.75        | 05 12       | 05 41       | 06 10 | 06 32 | 17 29       | 17 52       | 18 20       | 18 49 |
| Fri 3   | 2397.5                  | 00 39 09                  | 22 47 | 12 31 | -24 04                              | 0.65        | 05 13       | 05 41       | 06 10 | 06 33 | 17 28       | 17 51       | 18 20       | 18 48 |
| Sat 4   | 2398.5                  | 00 43 05                  | 23 45 | 13 14 | -21 57                              | 0.55        | 05 13       | 05 42       | 06 11 | 06 34 | 17 27       | 17 50       | 18 19       | 18 47 |
| Sun 5   | 2399.5                  | 00 47 02                  | .. .. | 13 52 | -18 48                              | 0.45        | 05 14       | 05 43       | 06 11 | 06 34 | 17 26       | 17 49       | 18 18       | 18 46 |
| Mon 6   | 2400.5                  | 00 50 59                  | 00 41 | 14 25 | -14 50                              | 0.35        | 05 15       | 05 43       | 06 12 | 06 35 | 17 25       | 17 48       | 18 17       | 18 46 |
| Tues 7  | 2401.5                  | 00 54 55                  | 01 36 | 14 55 | -10 18                              | 0.26        | 05 15       | 05 44       | 06 13 | 06 36 | 17 25       | 17 48       | 18 16       | 18 45 |
| Wed 8   | 2402.5                  | 00 58 52                  | 02 30 | 15 23 | -05 22                              | 0.18        | 05 16       | 05 44       | 06 13 | 06 36 | 17 24       | 17 47       | 18 16       | 18 44 |
| Thur 9  | 2403.5                  | 01 02 48                  | 03 23 | 15 50 | -00 11                              | 0.11        | 05 16       | 05 45       | 06 14 | 06 37 | 17 23       | 17 46       | 18 15       | 18 44 |
| Fri 10  | 2404.5                  | 01 06 45                  | 04 16 | 16 18 | +05 03                              | 0.06        | 05 17       | 05 45       | 06 15 | 06 38 | 17 22       | 17 45       | 18 14       | 18 43 |
| Sat 11  | 2405.5                  | 01 10 41                  | 05 11 | 16 48 | +10 11                              | 0.02        | 05 17       | 05 46       | 06 15 | 06 38 | 17 22       | 17 45       | 18 14       | 18 42 |
| Sun 12  | 2406.5                  | 01 14 38                  | 06 07 | 17 20 | +14 59                              | 0.00        | 05 18       | 05 47       | 06 16 | 06 39 | 17 21       | 17 44       | 18 13       | 18 42 |
| Mon 13  | 2407.5                  | 01 18 34                  | 07 05 | 17 56 | +19 14                              | 0.00        | 05 18       | 05 47       | 06 16 | 06 40 | 17 20       | 17 43       | 18 13       | 18 41 |
| Tues 14 | 2408.5                  | 01 22 31                  | 08 04 | 18 37 | +22 38                              | 0.03        | 05 19       | 05 48       | 06 17 | 06 40 | 17 20       | 17 43       | 18 12       | 18 41 |
| Wed 15  | 2409.5                  | 01 26 28                  | 09 04 | 19 25 | +24 56                              | 0.08        | 05 20       | 05 48       | 06 18 | 06 41 | 17 19       | 17 42       | 18 11       | 18 40 |
| Thur 16 | 2410.5                  | 01 30 24                  | 10 03 | 20 19 | +25 51                              | 0.14        | 05 20       | 05 49       | 06 18 | 06 42 | 17 18       | 17 42       | 18 11       | 18 40 |
| Fri 17  | 2411.5                  | 01 34 21                  | 10 59 | 21 19 | +25 15                              | 0.23        | 05 21       | 05 49       | 06 19 | 06 42 | 17 18       | 17 41       | 18 10       | 18 39 |
| Sat 18  | 2412.5                  | 01 38 17                  | 11 50 | 22 23 | +23 05                              | 0.33        | 05 21       | 05 50       | 06 19 | 06 43 | 17 17       | 17 40       | 18 10       | 18 39 |
| Sun 19  | 2413.5                  | 01 42 14                  | 12 36 | 23 28 | +19 28                              | 0.44        | 05 22       | 05 51       | 06 20 | 06 43 | 17 17       | 17 40       | 18 09       | 18 38 |
| Mon 20  | 2414.5                  | 01 46 10                  | 13 17 | .. .. | +14 40                              | 0.56        | 05 22       | 05 51       | 06 21 | 06 44 | 17 16       | 17 39       | 18 09       | 18 38 |
| Tues 21 | 2415.5                  | 01 50 07                  | 13 55 | 00 35 | +08 57                              | 0.68        | 05 23       | 05 52       | 06 21 | 06 45 | 17 16       | 17 39       | 18 09       | 18 38 |
| Wed 22  | 2416.5                  | 01 54 03                  | 14 30 | 01 41 | +02 41                              | 0.79        | 05 23       | 05 52       | 06 22 | 06 45 | 17 15       | 17 39       | 18 08       | 18 37 |
| Thur 23 | 2417.5                  | 01 58 00                  | 15 05 | 02 48 | -03 47                              | 0.88        | 05 24       | 05 53       | 06 22 | 06 46 | 17 15       | 17 38       | 18 08       | 18 37 |
| Fri 24  | 2418.5                  | 02 01 57                  | 15 40 | 03 55 | -10 01                              | 0.95        | 05 24       | 05 53       | 06 23 | 06 47 | 17 14       | 17 38       | 18 07       | 18 37 |
| Sat 25  | 2419.5                  | 02 05 53                  | 16 18 | 05 03 | -15 37                              | 0.99        | 05 25       | 05 54       | 06 24 | 06 47 | 17 14       | 17 37       | 18 07       | 18 36 |
| Sun 26  | 2420.5                  | 02 09 50                  | 17 00 | 06 12 | .. ..                               | ....        | 05 25       | 05 54       | 06 24 | 06 48 | 17 13       | 17 37       | 18 07       | 18 36 |
| Mon 27  | 2421.5                  | 02 13 46                  | 17 47 | 07 20 | -20 09                              | 1.00        | 05 26       | 05 55       | 06 25 | 06 48 | 17 13       | 17 37       | 18 06       | 18 36 |
| Tues 28 | 2422.5                  | 02 17 43                  | 18 39 | 08 26 | -23 17                              | 0.98        | 05 26       | 05 55       | 06 25 | 06 49 | 17 13       | 17 36       | 18 06       | 18 35 |
| Wed 29  | 2423.5                  | 02 21 39                  | 19 35 | 09 27 | -24 48                              | 0.94        | 05 27       | 05 56       | 06 26 | 06 50 | 17 12       | 17 36       | 18 06       | 18 35 |
| Thur 30 | 2424.5                  | 02 25 36                  | 20 33 | 10 22 | -24 42                              | 0.88        | 05 27       | 05 56       | 06 26 | 06 50 | 17 12       | 17 36       | 18 06       | 18 35 |
| Fri 31  | 2425.5                  | 02 29 32                  | 21 32 | 11 09 | -23 07                              | 0.80        | 05 28       | 05 57       | 06 27 | 06 51 | 17 12       | 17 36       | 18 05       | 18 35 |