

2013 - February

Calendar for ANU - Siding Spring

2013 - February

Longitude: E 149 04
Latitude : S 31 16

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

Zone Time = UT + 10h 00m

Date	J.D. at Oh UT 245	LMST at Oh UT h m s	Moon		Moon Transit Dec. Phase 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
Fri 1	6324.5	18 41 44	21 48	10 07	-05 20	0.79	03 59	04 32	05 04	05 27	19 07	19 30	20 02	20 35
Sat 2	6325.5	18 45 40	22 27	11 09	-09 57	0.70	04 00	04 33	05 05	05 28	19 06	19 30	20 01	20 34
Sun 3	6326.5	18 49 37	23 11	12 12	-14 04	0.59	04 02	04 34	05 06	05 29	19 05	19 29	20 00	20 33
Mon 4	6327.5	18 53 34	13 15	-17 24	0.47	04 03	04 35	05 07	05 30	19 05	19 28	19 59	20 32
Tues 5	6328.5	18 57 30	00 01	14 19	-19 38	0.35	04 04	04 37	05 08	05 31	19 04	19 27	19 58	20 31
Wed 6	6329.5	19 01 27	00 56	15 20	-20 30	0.24	04 05	04 38	05 08	05 32	19 03	19 27	19 57	20 29
Thur 7	6330.5	19 05 23	01 57	16 17	-19 53	0.15	04 06	04 39	05 09	05 33	19 02	19 26	19 56	20 28
Fri 8	6331.5	19 09 20	03 02	17 09	-17 47	0.07	04 08	04 40	05 10	05 34	19 02	19 25	19 55	20 27
Sat 9	6332.5	19 13 16	04 08	17 56	-14 26	0.02	04 09	04 41	05 11	05 35	19 01	19 24	19 54	20 26
Sun 10	6333.5	19 17 13	05 15	18 39	-10 09	0.00	04 10	04 42	05 12	05 35	19 00	19 23	19 53	20 25
Mon 11	6334.5	19 21 09	06 20	19 18	-05 18	0.01	04 11	04 43	05 13	05 36	18 59	19 22	19 52	20 24
Tues 12	6335.5	19 25 06	07 23	19 54	-00 16	0.04	04 12	04 44	05 14	05 37	18 58	19 21	19 51	20 23
Wed 13	6336.5	19 29 03	08 23	20 30	+04 39	0.10	04 13	04 45	05 15	05 38	18 57	19 20	19 50	20 22
Thur 14	6337.5	19 32 59	09 22	21 06	+09 12	0.17	04 15	04 46	05 16	05 39	18 56	19 19	19 49	20 20
Fri 15	6338.5	19 36 56	10 19	21 42	+13 13	0.26	04 16	04 47	05 17	05 40	18 55	19 18	19 48	20 19
Sat 16	6339.5	19 40 52	11 15	22 20	+16 31	0.35	04 17	04 48	05 18	05 41	18 54	19 17	19 47	20 18
Sun 17	6340.5	19 44 49	12 09	23 01	+19 02	0.45	04 18	04 49	05 19	05 41	18 53	19 16	19 46	20 17
Mon 18	6341.5	19 48 45	13 02	23 45	+20 39	0.55	04 19	04 50	05 20	05 42	18 52	19 15	19 45	20 16
Tues 19	6342.5	19 52 42	13 52	+21 18	0.64	04 20	04 51	05 20	05 43	18 51	19 14	19 44	20 14
Wed 20	6343.5	19 56 38	14 40	00 32	+20 59	0.73	04 21	04 52	05 21	05 44	18 50	19 13	19 43	20 13
Thur 21	6344.5	20 00 35	15 25	01 21	+19 41	0.81	04 22	04 53	05 22	05 45	18 49	19 12	19 41	20 12
Fri 22	6345.5	20 04 32	16 07	02 14	+17 27	0.88	04 23	04 53	05 23	05 46	18 48	19 11	19 40	20 11
Sat 23	6346.5	20 08 28	16 47	03 08	+14 22	0.94	04 24	04 54	05 24	05 46	18 47	19 10	19 39	20 09
Sun 24	6347.5	20 12 25	17 24	04 04	+10 32	0.98	04 25	04 55	05 25	05 47	18 46	19 09	19 38	20 08
Mon 25	6348.5	20 16 21	18 00	05 01	+06 08	1.00	04 26	04 56	05 26	05 48	18 45	19 08	19 37	20 07
Tues 26	6349.5	20 20 18	18 36	06 00	04 27	04 57	05 26	05 49	18 44	19 06	19 36	20 05
Wed 27	6350.5	20 24 14	19 12	06 59	+01 22	0.99	04 28	04 58	05 27	05 50	18 43	19 05	19 34	20 04
Thur 28	6351.5	20 28 11	19 49	08 00	-03 33	0.96	04 29	04 59	05 28	05 50	18 42	19 04	19 33	20 03

Prepared by HM Nautical Almanac Office

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Rise/Set times in Zone Time