

2009 - September

Calendar for SAAO - Sutherland

2009 - September

Longitude: E 020 49
Latitude : S 32 23

Height: 200m
Time Zone: +02h 00m

Zone Time = UT + 02h 00m

Date	J.D. at		Moon															
	Oh UT		LMST			Moon		Moon Transit		Morning			Sun		Evening			
	245	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	h m	h m	h m	h m				
Tues 1	5075.5	00 04 26	15 30	04 59	-17 12	0.93	05 32	06 01	06 29	06 51	18 22	18 45	19 13	19 42				
Wed 2	5076.5	00 08 23	16 27	05 31	-12 33	0.97	05 31	05 59	06 28	06 50	18 23	18 45	19 14	19 42				
Thur 3	5077.5	00 12 19	17 23	06 01	05 30	05 58	06 27	06 49	18 24	18 46	19 14	19 43				
Fri 4	5078.5	00 16 16	18 20	06 29	-07 20	0.99	05 29	05 57	06 25	06 48	18 24	18 47	19 15	19 43				
Sat 5	5079.5	00 20 12	19 16	06 56	-01 45	1.00	05 27	05 56	06 24	06 46	18 25	18 47	19 16	19 44				
Sun 6	5080.5	00 24 09	20 14	07 23	+04 01	0.98	05 26	05 54	06 23	06 45	18 25	18 48	19 16	19 45				
Mon 7	5081.5	00 28 06	21 14	07 52	+09 43	0.94	05 25	05 53	06 22	06 44	18 26	18 48	19 17	19 45				
Tues 8	5082.5	00 32 02	22 16	08 24	+15 06	0.89	05 23	05 52	06 20	06 42	18 27	18 49	19 17	19 46				
Wed 9	5083.5	00 35 59	23 20	09 01	+19 53	0.81	05 22	05 51	06 19	06 41	18 27	18 50	19 18	19 46				
Thur 10	5084.5	00 39 55	09 43	+23 43	0.71	05 21	05 49	06 18	06 40	18 28	18 50	19 19	19 47				
Fri 11	5085.5	00 43 52	00 26	10 33	+26 15	0.61	05 20	05 48	06 16	06 39	18 29	18 51	19 19	19 48				
Sat 12	5086.5	00 47 48	01 29	11 32	+27 10	0.49	05 18	05 47	06 15	06 37	18 29	18 51	19 20	19 48				
Sun 13	5087.5	00 51 45	02 28	12 37	+26 15	0.37	05 17	05 45	06 14	06 36	18 30	18 52	19 20	19 49				
Mon 14	5088.5	00 55 41	03 21	13 47	+23 31	0.26	05 16	05 44	06 12	06 35	18 30	18 53	19 21	19 50				
Tues 15	5089.5	00 59 38	04 07	14 58	+19 11	0.16	05 14	05 43	06 11	06 33	18 31	18 53	19 22	19 50				
Wed 16	5090.5	01 03 35	04 47	16 09	+13 36	0.08	05 13	05 41	06 10	06 32	18 32	18 54	19 22	19 51				
Thur 17	5091.5	01 07 31	05 23	17 18	+07 13	0.03	05 11	05 40	06 08	06 31	18 32	18 54	19 23	19 52				
Fri 18	5092.5	01 11 28	05 57	18 25	+00 30	0.00	05 10	05 39	06 07	06 29	18 33	18 55	19 24	19 52				
Sat 19	5093.5	01 15 24	06 29	19 32	-06 06	0.01	05 09	05 37	06 06	06 28	18 34	18 56	19 24	19 53				
Sun 20	5094.5	01 19 21	07 02	20 38	-12 12	0.04	05 07	05 36	06 04	06 27	18 34	18 56	19 25	19 54				
Mon 21	5095.5	01 23 17	07 37	21 43	-17 28	0.10	05 06	05 35	06 03	06 25	18 35	18 57	19 26	19 54				
Tues 22	5096.5	01 27 14	08 15	22 46	-21 37	0.17	05 04	05 33	06 02	06 24	18 35	18 58	19 26	19 55				
Wed 23	5097.5	01 31 10	08 57	23 47	-24 28	0.26	05 03	05 32	06 00	06 23	18 36	18 58	19 27	19 56				
Thur 24	5098.5	01 35 07	09 43	-25 54	0.35	05 02	05 31	05 59	06 21	18 37	18 59	19 28	19 56				
Fri 25	5099.5	01 39 04	10 34	00 43	-25 56	0.45	05 00	05 29	05 58	06 20	18 37	19 00	19 28	19 57				
Sat 26	5100.5	01 43 00	11 28	01 33	-24 37	0.55	04 59	05 28	05 56	06 19	18 38	19 00	19 29	19 58				
Sun 27	5101.5	01 46 57	12 24	02 18	-22 08	0.64	04 57	05 26	05 55	06 17	18 39	19 01	19 30	19 59				
Mon 28	5102.5	01 50 53	13 21	02 57	-18 38	0.73	04 56	05 25	05 54	06 16	18 39	19 02	19 30	19 59				
Tues 29	5103.5	01 54 50	14 18	03 31	-14 18	0.82	04 55	05 24	05 52	06 15	18 40	19 02	19 31	20 00				
Wed 30	5104.5	01 58 46	15 14	04 02	-09 19	0.89	04 53	05 22	05 51	06 13	18 41	19 03	19 32	20 01				