

2009 - February

Calendar for SAAO - Sutherland

2009 - February

Longitude: E 020 49  
Latitude : S 32 23

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

Zone Time = UT + 02h 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 h m	Set h m		Astr. Twil. h m	Naut. Twil. h m	Civil Twil. h m	Rise h m	Set h m	Civil Twil. h m	Naut. Twil. h m	Astr. Twil. h m	
Sun 1	4863.5	10 08 36	11 41	22 49	+15 38	0.36	04 29	05 03	05 35	05 59	19 42	20 06	20 37	21 11
Mon 2	4864.5	10 12 33	12 46	23 26	+20 41	0.47	04 30	05 04	05 36	06 00	19 41	20 05	20 36	21 10
Tues 3	4865.5	10 16 30	13 53	.. ..	+24 43	0.58	04 32	05 05	05 37	06 01	19 40	20 04	20 36	21 09
Wed 4	4866.5	10 20 26	15 02	00 11	+27 16	0.70	04 33	05 06	05 38	06 01	19 39	20 03	20 35	21 08
Thur 5	4867.5	10 24 23	16 09	01 04	+27 57	0.80	04 34	05 07	05 39	06 02	19 39	20 02	20 34	21 07
Fri 6	4868.5	10 28 19	17 10	02 07	+26 33	0.89	04 35	05 08	05 40	06 03	19 38	20 01	20 33	21 05
Sat 7	4869.5	10 32 16	18 03	03 18	+23 11	0.96	04 37	05 09	05 41	06 04	19 37	20 01	20 32	21 04
Sun 8	4870.5	10 36 12	18 48	04 31	.. ..	....	04 38	05 10	05 42	06 05	19 36	20 00	20 31	21 03
Mon 9	4871.5	10 40 09	19 27	05 45	+18 11	0.99	04 39	05 12	05 43	06 06	19 35	19 59	20 30	21 02
Tues 10	4872.5	10 44 05	20 01	06 55	+12 07	1.00	04 40	05 13	05 44	06 07	19 34	19 58	20 29	21 01
Wed 11	4873.5	10 48 02	20 32	08 03	+05 30	0.97	04 41	05 14	05 45	06 08	19 33	19 57	20 28	21 00
Thur 12	4874.5	10 51 59	21 02	09 08	-01 13	0.92	04 43	05 15	05 46	06 09	19 32	19 56	20 27	20 58
Fri 13	4875.5	10 55 55	21 32	10 11	-07 37	0.85	04 44	05 16	05 46	06 10	19 32	19 55	20 25	20 57
Sat 14	4876.5	10 59 52	22 04	11 13	-13 26	0.77	04 45	05 17	05 47	06 11	19 31	19 54	20 24	20 56
Sun 15	4877.5	11 03 48	22 39	12 14	-18 25	0.67	04 46	05 18	05 48	06 12	19 30	19 53	20 23	20 55
Mon 16	4878.5	11 07 45	23 18	13 14	-22 23	0.57	04 47	05 19	05 49	06 12	19 29	19 52	20 22	20 53
Tues 17	4879.5	11 11 41	.. ..	14 12	-25 11	0.47	04 48	05 20	05 50	06 13	19 28	19 51	20 21	20 52
Wed 18	4880.5	11 15 38	00 02	15 06	-26 42	0.37	04 50	05 21	05 51	06 14	19 27	19 49	20 20	20 51
Thur 19	4881.5	11 19 34	00 51	15 56	-26 53	0.28	04 51	05 22	05 52	06 15	19 25	19 48	20 18	20 50
Fri 20	4882.5	11 23 31	01 44	16 41	-25 42	0.20	04 52	05 23	05 53	06 16	19 24	19 47	20 17	20 48
Sat 21	4883.5	11 27 28	02 40	17 20	-23 17	0.13	04 53	05 24	05 54	06 17	19 23	19 46	20 16	20 47
Sun 22	4884.5	11 31 24	03 38	17 55	-19 43	0.07	04 54	05 25	05 55	06 18	19 22	19 45	20 15	20 46
Mon 23	4885.5	11 35 21	04 37	18 27	-15 13	0.03	04 55	05 26	05 56	06 19	19 21	19 44	20 14	20 44
Tues 24	4886.5	11 39 17	05 35	18 56	-09 58	0.00	04 56	05 27	05 57	06 19	19 20	19 43	20 12	20 43
Wed 25	4887.5	11 43 14	06 34	19 23	-04 11	0.00	04 57	05 28	05 57	06 20	19 19	19 41	20 11	20 42
Thur 26	4888.5	11 47 10	07 33	19 51	+01 54	0.02	04 58	05 29	05 58	06 21	19 18	19 40	20 10	20 40
Fri 27	4889.5	11 51 07	08 33	20 20	+08 01	0.06	04 59	05 30	05 59	06 22	19 17	19 39	20 09	20 39
Sat 28	4890.5	11 55 03	09 34	20 52	+13 53	0.13	05 00	05 31	06 00	06 23	19 15	19 38	20 07	20 37

Prepared by HM Nautical Almanac Office

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Rise/Set times in Zone Time