

2020 - September

Calendar for SAAO - Sutherland

2020 - 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					Morning			Sun		Evening		
	245	LMST	Oh UT	Rise	Set	Transit	Astr.	Naut.	Civil	Rise	Set	Civil	Naut.	Astr.		
		at	h m s	h m	h m	Dec. Phase	Twil.	Twil.	Twil.	h m	h m	h m	h m	h m		
Tues 1	9093.5	00 05 44	17 39	06 44	.. ..	....	05 32	06 00	06 29	06 51	18 23	18 45	19 13	19 42		
Wed 2	9094.5	00 09 40	18 36	07 17	-13 08	1.00	05 31	05 59	06 28	06 50	18 23	18 46	19 14	19 42		
Thur 3	9095.5	00 13 37	19 31	07 47	-08 25	0.99	05 29	05 58	06 26	06 49	18 24	18 46	19 15	19 43		
Fri 4	9096.5	00 17 33	20 25	08 16	-03 24	0.97	05 28	05 57	06 25	06 47	18 24	18 47	19 15	19 44		
Sat 5	9097.5	00 21 30	21 19	08 44	+01 42	0.93	05 27	05 55	06 24	06 46	18 25	18 47	19 16	19 44		
Sun 6	9098.5	00 25 26	22 13	09 11	+06 44	0.87	05 26	05 54	06 22	06 45	18 26	18 48	19 16	19 45		
Mon 7	9099.5	00 29 23	23 08	09 41	+11 30	0.80	05 24	05 53	06 21	06 43	18 26	18 48	19 17	19 45		
Tues 8	9100.5	00 33 20	.. ..	10 12	+15 52	0.71	05 23	05 52	06 20	06 42	18 27	18 49	19 18	19 46		
Wed 9	9101.5	00 37 16	00 03	10 47	+19 37	0.62	05 22	05 50	06 19	06 41	18 28	18 50	19 18	19 47		
Thur 10	9102.5	00 41 13	01 00	11 28	+22 35	0.52	05 20	05 49	06 17	06 39	18 28	18 50	19 19	19 47		
Fri 11	9103.5	00 45 09	01 57	12 14	+24 30	0.42	05 19	05 48	06 16	06 38	18 29	18 51	19 19	19 48		
Sat 12	9104.5	00 49 06	02 54	13 07	+25 11	0.32	05 18	05 46	06 15	06 37	18 29	18 52	19 20	19 49		
Sun 13	9105.5	00 53 02	03 48	14 07	+24 25	0.22	05 16	05 45	06 13	06 35	18 30	18 52	19 21	19 49		
Mon 14	9106.5	00 56 59	04 38	15 12	+22 07	0.13	05 15	05 44	06 12	06 34	18 31	18 53	19 21	19 50		
Tues 15	9107.5	01 00 55	05 24	16 20	+18 20	0.06	05 14	05 42	06 11	06 33	18 31	18 53	19 22	19 50		
Wed 16	9108.5	01 04 52	06 06	17 29	+13 18	0.02	05 12	05 41	06 09	06 31	18 32	18 54	19 22	19 51		
Thur 17	9109.5	01 08 49	06 45	18 40	+07 20	0.00	05 11	05 40	06 08	06 30	18 32	18 55	19 23	19 52		
Fri 18	9110.5	01 12 45	07 21	19 50	+00 51	0.02	05 10	05 38	06 07	06 29	18 33	18 55	19 24	19 52		
Sat 19	9111.5	01 16 42	07 58	21 00	-05 40	0.06	05 08	05 37	06 05	06 27	18 34	18 56	19 24	19 53		
Sun 20	9112.5	01 20 38	08 35	22 10	-11 44	0.14	05 07	05 36	06 04	06 26	18 34	18 57	19 25	19 54		
Mon 21	9113.5	01 24 35	09 15	23 20	-16 56	0.23	05 05	05 34	06 03	06 25	18 35	18 57	19 26	19 55		
Tues 22	9114.5	01 28 31	09 58	.. ..	-20 54	0.34	05 04	05 33	06 01	06 23	18 36	18 58	19 26	19 55		
Wed 23	9115.5	01 32 28	10 46	00 28	-23 24	0.46	05 03	05 31	06 00	06 22	18 36	18 58	19 27	19 56		
Thur 24	9116.5	01 36 24	11 39	01 32	-24 19	0.57	05 01	05 30	05 59	06 21	18 37	18 59	19 28	19 57		
Fri 25	9117.5	01 40 21	12 35	02 30	-23 42	0.67	05 00	05 29	05 57	06 19	18 38	19 00	19 28	19 57		
Sat 26	9118.5	01 44 18	13 34	03 22	-21 43	0.77	04 58	05 27	05 56	06 18	18 38	19 00	19 29	19 58		
Sun 27	9119.5	01 48 14	14 34	04 06	-18 37	0.85	04 57	05 26	05 55	06 17	18 39	19 01	19 30	19 59		
Mon 28	9120.5	01 52 11	15 32	04 45	-14 39	0.91	04 55	05 25	05 53	06 15	18 40	19 02	19 31	20 00		
Tues 29	9121.5	01 56 07	16 29	05 19	-10 05	0.96	04 54	05 23	05 52	06 14	18 40	19 02	19 31	20 00		
Wed 30	9122.5	02 00 04	17 25	05 50	-05 08	0.99	04 53	05 22	05 51	06 13	18 41	19 03	19 32	20 01		