

2020 - January

Calendar for SAAO - Sutherland

2020 - January

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	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	8849.5	08 03 44	11 05	-06 43	0.36	03 52	04 30	05 04	05 30	19 50	20 15	20 50	21 27
Thur 2	8850.5	08 07 41	11 59	00 07	-01 58	0.45	03 53	04 31	05 05	05 31	19 50	20 16	20 50	21 27
Fri 3	8851.5	08 11 37	12 52	00 36	+02 55	0.55	03 54	04 31	05 06	05 32	19 50	20 16	20 50	21 27
Sat 4	8852.5	08 15 34	13 46	01 04	+07 45	0.64	03 55	04 32	05 07	05 32	19 50	20 16	20 50	21 27
Sun 5	8853.5	08 19 30	14 42	01 34	+12 22	0.74	03 56	04 33	05 08	05 33	19 50	20 16	20 50	21 27
Mon 6	8854.5	08 23 27	15 39	02 06	+16 36	0.82	03 57	04 34	05 08	05 34	19 50	20 16	20 50	21 27
Tues 7	8855.5	08 27 24	16 39	02 42	+20 08	0.90	03 58	04 35	05 09	05 35	19 51	20 16	20 50	21 27
Wed 8	8856.5	08 31 20	17 41	03 23	+22 42	0.95	03 59	04 36	05 10	05 36	19 51	20 16	20 50	21 27
Thur 9	8857.5	08 35 17	18 42	04 10	+23 58	0.99	04 00	04 37	05 11	05 36	19 51	20 16	20 50	21 27
Fri 10	8858.5	08 39 13	19 42	05 05	04 01	04 38	05 12	05 37	19 50	20 16	20 50	21 26
Sat 11	8859.5	08 43 10	20 36	06 06	+23 42	1.00	04 02	04 39	05 13	05 38	19 50	20 16	20 50	21 26
Sun 12	8860.5	08 47 06	21 26	07 13	+21 48	0.98	04 03	04 40	05 14	05 39	19 50	20 15	20 49	21 26
Mon 13	8861.5	08 51 03	22 10	08 21	+18 25	0.93	04 05	04 41	05 15	05 40	19 50	20 15	20 49	21 25
Tues 14	8862.5	08 54 59	22 49	09 30	+13 49	0.86	04 06	04 42	05 16	05 41	19 50	20 15	20 49	21 25
Wed 15	8863.5	08 58 56	23 26	10 37	+08 25	0.77	04 07	04 43	05 17	05 42	19 50	20 15	20 48	21 24
Thur 16	8864.5	09 02 53	11 44	+02 36	0.66	04 08	04 44	05 18	05 43	19 50	20 15	20 48	21 24
Fri 17	8865.5	09 06 49	00 01	12 49	-03 15	0.54	04 09	04 45	05 19	05 44	19 49	20 14	20 48	21 23
Sat 18	8866.5	09 10 46	00 36	13 53	-08 50	0.42	04 11	04 46	05 20	05 45	19 49	20 14	20 47	21 23
Sun 19	8867.5	09 14 42	01 12	14 57	-13 49	0.31	04 12	04 47	05 21	05 45	19 49	20 13	20 47	21 22
Mon 20	8868.5	09 18 39	01 51	16 01	-17 56	0.21	04 13	04 48	05 22	05 46	19 48	20 13	20 46	21 21
Tues 21	8869.5	09 22 35	02 34	17 03	-20 57	0.13	04 14	04 50	05 23	05 47	19 48	20 13	20 46	21 21
Wed 22	8870.5	09 26 32	03 22	18 01	-22 40	0.07	04 15	04 51	05 24	05 48	19 48	20 12	20 45	21 20
Thur 23	8871.5	09 30 28	04 14	18 55	-23 02	0.02	04 17	04 52	05 25	05 49	19 47	20 12	20 45	21 19
Fri 24	8872.5	09 34 25	05 09	19 44	-22 03	0.00	04 18	04 53	05 26	05 50	19 47	20 11	20 44	21 19
Sat 25	8873.5	09 38 22	06 06	20 26	-19 54	0.00	04 19	04 54	05 27	05 51	19 46	20 11	20 43	21 18
Sun 26	8874.5	09 42 18	07 04	21 03	-16 46	0.03	04 21	04 55	05 28	05 52	19 46	20 10	20 43	21 17
Mon 27	8875.5	09 46 15	08 00	21 37	-12 54	0.07	04 22	04 56	05 29	05 53	19 45	20 09	20 42	21 16
Tues 28	8876.5	09 50 11	08 56	22 07	-08 31	0.12	04 23	04 57	05 30	05 54	19 45	20 09	20 41	21 15
Wed 29	8877.5	09 54 08	09 50	22 36	-03 49	0.19	04 24	04 59	05 31	05 55	19 44	20 08	20 40	21 14
Thur 30	8878.5	09 58 04	10 43	23 04	+01 01	0.28	04 26	05 00	05 32	05 56	19 43	20 07	20 40	21 13
Fri 31	8879.5	10 02 01	11 36	23 33	+05 51	0.37	04 27	05 01	05 33	05 57	19 43	20 07	20 39	21 12