

Station: Kanyakumari

Location: Longitude : 77.50 E Latitude : 8.08 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2019/12/27	7-21	19-18	6-31	18-10
2019/12/28	8-13	20-11	6-31	18-11
2019/12/29	9- 3	21- 2	6-32	18-11
2019/12/30	9-49	21-51	6-32	18-12
2019/12/31	10-31	22-37	6-33	18-12
2020/ 1/ 1	11-12	23-22	6-33	18-13
2020/ 1/ 2	11-50	-----	6-34	18-14
2020/ 1/ 3	12-28	0- 6	6-34	18-14
2020/ 1/ 4	13- 7	0-49	6-34	18-15
2020/ 1/ 5	13-47	1-34	6-35	18-15
2020/ 1/ 6	14-29	2-20	6-35	18-16
2020/ 1/ 7	15-15	3-10	6-35	18-16
2020/ 1/ 8	16- 5	4- 2	6-36	18-17
2020/ 1/ 9	17- 0	4-58	6-36	18-17
2020/ 1/10	17-58	5-56	6-36	18-18
2020/ 1/11	18-59	6-56	6-37	18-18
2020/ 1/12	20- 0	7-54	6-37	18-19
2020/ 1/13	20-59	8-49	6-37	18-19
2020/ 1/14	21-56	9-42	6-38	18-20
2020/ 1/15	22-51	10-31	6-38	18-20
2020/ 1/16	23-45	11-19	6-38	18-21
2020/ 1/17	-----	12- 5	6-38	18-21
2020/ 1/18	0-38	12-52	6-39	18-21
2020/ 1/19	1-32	13-40	6-39	18-22
2020/ 1/20	2-25	14-29	6-39	18-22
2020/ 1/21	3-21	15-21	6-39	18-23
2020/ 1/22	4-16	16-14	6-39	18-23
2020/ 1/23	5-11	17- 8	6-39	18-24
2020/ 1/24	6- 4	18- 1	6-40	18-24
2020/ 1/25	6-55	18-53	6-40	18-24
2020/ 1/26	7-42	19-44	6-40	18-25
2020/ 1/27	8-26	20-31	6-40	18-25
2020/ 1/28	9- 8	21-16	6-40	18-25
2020/ 1/29	9-47	22- 0	6-40	18-26
2020/ 1/30	10-25	22-44	6-40	18-26
2020/ 1/31	11- 3	23-28	6-40	18-26
2020/ 2/ 1	11-42	-----	6-40	18-27
2020/ 2/ 2	12-22	0-12	6-40	18-27
2020/ 2/ 3	13- 5	0-59	6-40	18-27
2020/ 2/ 4	13-52	1-49	6-40	18-28
2020/ 2/ 5	14-43	2-42	6-40	18-28
2020/ 2/ 6	15-40	3-39	6-40	18-28
2020/ 2/ 7	16-39	4-37	6-39	18-28
2020/ 2/ 8	17-41	5-37	6-39	18-29
2020/ 2/ 9	18-42	6-34	6-39	18-29

2020/ 2/10	19-43	7-30	6-39	18-29
2020/ 2/11	20-41	8-22	6-39	18-29
2020/ 2/12	21-37	9-12	6-39	18-29
2020/ 2/13	22-32	10- 1	6-38	18-30
2020/ 2/14	23-27	10-49	6-38	18-30
2020/ 2/15	-----	11-37	6-38	18-30
2020/ 2/16	0-21	12-26	6-38	18-30
2020/ 2/17	1-17	13-18	6-37	18-30
2020/ 2/18	2-12	14-10	6-37	18-30
2020/ 2/19	3- 7	15- 3	6-37	18-31
2020/ 2/20	4- 0	15-56	6-37	18-31
2020/ 2/21	4-51	16-48	6-36	18-31
2020/ 2/22	5-39	17-38	6-36	18-31
2020/ 2/23	6-23	18-26	6-36	18-31
2020/ 2/24	7- 5	19-12	6-35	18-31
2020/ 2/25	7-45	19-57	6-35	18-31
2020/ 2/26	8-23	20-40	6-35	18-31
2020/ 2/27	9- 1	21-24	6-34	18-31
2020/ 2/28	9-39	22- 8	6-34	18-31
2020/ 2/29	10-18	22-53	6-33	18-31
2020/ 3/ 1	11- 0	23-41	6-33	18-31
2020/ 3/ 2	11-44	-----	6-33	18-31
2020/ 3/ 3	12-32	0-31	6-32	18-31
2020/ 3/ 4	13-25	1-25	6-32	18-31
2020/ 3/ 5	14-21	2-20	6-31	18-31
2020/ 3/ 6	15-21	3-18	6-31	18-31
2020/ 3/ 7	16-21	4-16	6-30	18-31
2020/ 3/ 8	17-23	5-12	6-30	18-31
2020/ 3/ 9	18-22	6- 6	6-29	18-31
2020/ 3/10	19-21	6-58	6-29	18-31
2020/ 3/11	20-18	7-49	6-28	18-31
2020/ 3/12	21-15	8-38	6-28	18-31
2020/ 3/13	22-12	9-29	6-27	18-31
2020/ 3/14	23- 9	10-19	6-27	18-31
2020/ 3/15	-----	11-12	6-26	18-31
2020/ 3/16	0- 6	12- 5	6-26	18-31
2020/ 3/17	1- 3	12-59	6-25	18-31
2020/ 3/18	1-57	13-53	6-25	18-31
2020/ 3/19	2-48	14-45	6-24	18-31
2020/ 3/20	3-37	15-36	6-24	18-31
2020/ 3/21	4-22	16-23	6-23	18-30
2020/ 3/22	5- 4	17-10	6-23	18-30
2020/ 3/23	5-45	17-55	6-22	18-30
2020/ 3/24	6-23	18-38	6-22	18-30
2020/ 3/25	7- 1	19-22	6-21	18-30
2020/ 3/26	7-39	20- 5	6-21	18-30
2020/ 3/27	8-17	20-50	6-20	18-30
2020/ 3/28	8-58	21-37	6-20	18-30
2020/ 3/29	9-41	22-26	6-19	18-30
2020/ 3/30	10-27	23-18	6-19	18-30
2020/ 3/31	11-17	-----	6-18	18-30
2020/ 4/ 1	12-10	0-11	6-18	18-30

2020/ 4/ 2	13- 7	1- 6	6-17	18-30
2020/ 4/ 3	14- 5	2- 2	6-17	18-29
2020/ 4/ 4	15- 4	2-57	6-16	18-29
2020/ 4/ 5	16- 3	3-51	6-16	18-29
2020/ 4/ 6	17- 1	4-43	6-15	18-29
2020/ 4/ 7	17-59	5-34	6-15	18-29
2020/ 4/ 8	18-56	6-23	6-14	18-29
2020/ 4/ 9	19-55	7-14	6-14	18-29
2020/ 4/10	20-54	8- 6	6-13	18-29
2020/ 4/11	21-53	8-59	6-13	18-29
2020/ 4/12	22-52	9-55	6-12	18-29
2020/ 4/13	23-50	10-50	6-12	18-29
2020/ 4/14	-----	11-46	6-11	18-29
2020/ 4/15	0-43	12-40	6-11	18-29
2020/ 4/16	1-34	13-32	6-10	18-29
2020/ 4/17	2-20	14-21	6-10	18-29
2020/ 4/18	3- 4	15- 8	6- 9	18-29
2020/ 4/19	3-45	15-53	6- 9	18-29
2020/ 4/20	4-23	16-37	6- 9	18-29
2020/ 4/21	5- 1	17-20	6- 8	18-29
2020/ 4/22	5-39	18- 4	6- 8	18-29
2020/ 4/23	6-17	18-48	6- 7	18-29
2020/ 4/24	6-57	19-35	6- 7	18-29
2020/ 4/25	7-40	20-23	6- 7	18-29
2020/ 4/26	8-25	21-14	6- 6	18-29
2020/ 4/27	9-14	22- 7	6- 6	18-29
2020/ 4/28	10- 5	23- 1	6- 6	18-29
2020/ 4/29	11- 0	23-56	6- 5	18-29
2020/ 4/30	11-56	-----	6- 5	18-29
2020/ 5/ 1	12-53	0-49	6- 5	18-29
2020/ 5/ 2	13-50	1-42	6- 4	18-29
2020/ 5/ 3	14-46	2-32	6- 4	18-29
2020/ 5/ 4	15-43	3-22	6- 4	18-29
2020/ 5/ 5	16-39	4-10	6- 4	18-30
2020/ 5/ 6	17-36	5- 0	6- 3	18-30
2020/ 5/ 7	18-34	5-50	6- 3	18-30
2020/ 5/ 8	19-35	6-43	6- 3	18-30
2020/ 5/ 9	20-35	7-39	6- 3	18-30
2020/ 5/10	21-36	8-35	6- 2	18-30
2020/ 5/11	22-33	9-33	6- 2	18-30
2020/ 5/12	23-27	10-30	6- 2	18-30
2020/ 5/13	-----	11-24	6- 2	18-31
2020/ 5/14	0-16	12-15	6- 2	18-31
2020/ 5/15	1- 1	13- 4	6- 2	18-31
2020/ 5/16	1-43	13-50	6- 1	18-31
2020/ 5/17	2-22	14-34	6- 1	18-31
2020/ 5/18	3- 1	15-18	6- 1	18-31
2020/ 5/19	3-39	16- 1	6- 1	18-32
2020/ 5/20	4-16	16-45	6- 1	18-32
2020/ 5/21	4-56	17-31	6- 1	18-32
2020/ 5/22	5-37	18-19	6- 1	18-32
2020/ 5/23	6-22	19-10	6- 1	18-33

2020/ 5/24	7-10	20- 3	6- 1	18-33
2020/ 5/25	8- 1	20-57	6- 1	18-33
2020/ 5/26	8-56	21-52	6- 1	18-33
2020/ 5/27	9-52	22-46	6- 1	18-33
2020/ 5/28	10-48	23-39	6- 1	18-34
2020/ 5/29	11-45	-----	6- 1	18-34
2020/ 5/30	12-39	0-28	6- 1	18-34
2020/ 5/31	13-34	1-17	6- 1	18-34
2020/ 6/ 1	14-27	2- 3	6- 1	18-35
2020/ 6/ 2	15-23	2-51	6- 1	18-35
2020/ 6/ 3	16-18	3-39	6- 1	18-35
2020/ 6/ 4	17-17	4-29	6- 1	18-35
2020/ 6/ 5	18-17	5-23	6- 1	18-36
2020/ 6/ 6	19-18	6-18	6- 1	18-36
2020/ 6/ 7	20-17	7-17	6- 2	18-36
2020/ 6/ 8	21-14	8-15	6- 2	18-36
2020/ 6/ 9	22- 7	9-12	6- 2	18-37
2020/ 6/10	22-55	10- 6	6- 2	18-37
2020/ 6/11	23-39	10-56	6- 2	18-37
2020/ 6/12	-----	11-44	6- 2	18-37
2020/ 6/13	0-20	12-29	6- 2	18-38
2020/ 6/14	0-59	13-13	6- 3	18-38
2020/ 6/15	1-37	13-57	6- 3	18-38
2020/ 6/16	2-14	14-40	6- 3	18-38
2020/ 6/17	2-53	15-26	6- 3	18-39
2020/ 6/18	3-34	16-13	6- 3	18-39
2020/ 6/19	4-17	17- 3	6- 4	18-39
2020/ 6/20	5- 4	17-55	6- 4	18-39
2020/ 6/21	5-55	18-50	6- 4	18-40
2020/ 6/22	6-49	19-46	6- 4	18-40
2020/ 6/23	7-46	20-41	6- 4	18-40
2020/ 6/24	8-43	21-35	6- 5	18-40
2020/ 6/25	9-41	22-26	6- 5	18-40
2020/ 6/26	10-36	23-15	6- 5	18-41
2020/ 6/27	11-30	-----	6- 5	18-41
2020/ 6/28	12-23	0- 2	6- 6	18-41
2020/ 6/29	13-16	0-48	6- 6	18-41
2020/ 6/30	14-10	1-34	6- 6	18-41
2020/ 7/ 1	15- 6	2-22	6- 6	18-41
2020/ 7/ 2	16- 4	3-13	6- 6	18-41
2020/ 7/ 3	17- 3	4- 6	6- 7	18-42
2020/ 7/ 4	18- 2	5- 3	6- 7	18-42
2020/ 7/ 5	19- 1	6- 0	6- 7	18-42
2020/ 7/ 6	19-55	6-58	6- 7	18-42
2020/ 7/ 7	20-46	7-54	6- 8	18-42
2020/ 7/ 8	21-32	8-46	6- 8	18-42
2020/ 7/ 9	22-15	9-36	6- 8	18-42
2020/ 7/10	22-55	10-23	6- 8	18-42
2020/ 7/11	23-34	11- 8	6- 9	18-42
2020/ 7/12	-----	11-51	6- 9	18-42
2020/ 7/13	0-11	12-35	6- 9	18-42
2020/ 7/14	0-49	13-19	6- 9	18-42

2020/ 7/15	1-29	14- 5	6- 9	18-42
2020/ 7/16	2-10	14-53	6-10	18-42
2020/ 7/17	2-56	15-45	6-10	18-42
2020/ 7/18	3-45	16-39	6-10	18-42
2020/ 7/19	4-38	17-35	6-10	18-42
2020/ 7/20	5-35	18-31	6-10	18-42
2020/ 7/21	6-33	19-27	6-11	18-42
2020/ 7/22	7-32	20-20	6-11	18-42
2020/ 7/23	8-29	21-11	6-11	18-42
2020/ 7/24	9-25	22- 0	6-11	18-42
2020/ 7/25	10-19	22-46	6-11	18-41
2020/ 7/26	11-13	23-33	6-11	18-41
2020/ 7/27	12- 6	-----	6-12	18-41
2020/ 7/28	13- 1	0-20	6-12	18-41
2020/ 7/29	13-57	1- 9	6-12	18-41
2020/ 7/30	14-54	2- 0	6-12	18-41
2020/ 7/31	15-53	2-54	6-12	18-40
2020/ 8/ 1	16-50	3-51	6-12	18-40
2020/ 8/ 2	17-46	4-47	6-12	18-40
2020/ 8/ 3	18-37	5-43	6-12	18-40
2020/ 8/ 4	19-26	6-37	6-12	18-39
2020/ 8/ 5	20- 9	7-28	6-12	18-39
2020/ 8/ 6	20-51	8-16	6-13	18-39
2020/ 8/ 7	21-30	9- 2	6-13	18-39
2020/ 8/ 8	22- 8	9-46	6-13	18-38
2020/ 8/ 9	22-45	10-29	6-13	18-38
2020/ 8/10	23-24	11-13	6-13	18-38
2020/ 8/11	-----	11-58	6-13	18-37
2020/ 8/12	0- 4	12-45	6-13	18-37
2020/ 8/13	0-48	13-34	6-13	18-36
2020/ 8/14	1-35	14-26	6-13	18-36
2020/ 8/15	2-25	15-21	6-13	18-36
2020/ 8/16	3-20	16-17	6-13	18-35
2020/ 8/17	4-17	17-14	6-13	18-35
2020/ 8/18	5-17	18- 9	6-13	18-34
2020/ 8/19	6-16	19- 2	6-13	18-34
2020/ 8/20	7-14	19-52	6-13	18-34
2020/ 8/21	8-10	20-41	6-13	18-33
2020/ 8/22	9- 6	21-29	6-13	18-33
2020/ 8/23	10- 1	22-17	6-13	18-32
2020/ 8/24	10-56	23- 6	6-12	18-32
2020/ 8/25	11-53	23-57	6-12	18-31
2020/ 8/26	12-50	-----	6-12	18-31
2020/ 8/27	13-48	0-50	6-12	18-30
2020/ 8/28	14-45	1-46	6-12	18-30
2020/ 8/29	15-40	2-41	6-12	18-29
2020/ 8/30	16-32	3-37	6-12	18-29
2020/ 8/31	17-21	4-30	6-12	18-28
2020/ 9/ 1	18- 6	5-22	6-12	18-28
2020/ 9/ 2	18-48	6-10	6-12	18-27
2020/ 9/ 3	19-28	6-57	6-12	18-26
2020/ 9/ 4	20- 5	7-42	6-11	18-26

2020/ 9/ 5	20-43	8-25	6-11	18-25
2020/ 9/ 6	21-21	9- 9	6-11	18-25
2020/ 9/ 7	22- 1	9-53	6-11	18-24
2020/ 9/ 8	22-42	10-38	6-11	18-24
2020/ 9/ 9	23-27	11-26	6-11	18-23
2020/ 9/10	-----	12-16	6-11	18-23
2020/ 9/11	0-15	13- 9	6-11	18-22
2020/ 9/12	1- 7	14- 3	6-10	18-21
2020/ 9/13	2- 2	14-59	6-10	18-21
2020/ 9/14	3- 0	15-54	6-10	18-20
2020/ 9/15	3-58	16-47	6-10	18-20
2020/ 9/16	4-57	17-39	6-10	18-19
2020/ 9/17	5-55	18-29	6-10	18-19
2020/ 9/18	6-52	19-19	6-10	18-18
2020/ 9/19	7-49	20- 8	6- 9	18-17
2020/ 9/20	8-45	20-58	6- 9	18-17
2020/ 9/21	9-44	21-51	6- 9	18-16
2020/ 9/22	10-42	22-44	6- 9	18-16
2020/ 9/23	11-42	23-41	6- 9	18-15
2020/ 9/24	12-40	-----	6- 9	18-15
2020/ 9/25	13-37	0-37	6- 9	18-14
2020/ 9/26	14-30	1-33	6- 9	18-13
2020/ 9/27	15-19	2-27	6- 8	18-13
2020/ 9/28	16- 4	3-19	6- 8	18-12
2020/ 9/29	16-47	4- 7	6- 8	18-12
2020/ 9/30	17-27	4-54	6- 8	18-11
2020/10/ 1	18- 5	5-39	6- 8	18-11
2020/10/ 2	18-42	6-22	6- 8	18-10
2020/10/ 3	19-20	7- 6	6- 8	18-10
2020/10/ 4	19-59	7-50	6- 8	18- 9
2020/10/ 5	20-39	8-35	6- 8	18- 9
2020/10/ 6	21-23	9-22	6- 8	18- 8
2020/10/ 7	22- 9	10-10	6- 8	18- 8
2020/10/ 8	22-58	11- 1	6- 7	18- 7
2020/10/ 9	23-51	11-54	6- 7	18- 7
2020/10/10	-----	12-48	6- 7	18- 6
2020/10/11	0-46	13-42	6- 7	18- 6
2020/10/12	1-43	14-34	6- 7	18- 5
2020/10/13	2-40	15-26	6- 7	18- 5
2020/10/14	3-37	16-15	6- 7	18- 4
2020/10/15	4-33	17- 4	6- 7	18- 4
2020/10/16	5-30	17-54	6- 7	18- 4
2020/10/17	6-27	18-44	6- 7	18- 3
2020/10/18	7-27	19-37	6- 7	18- 3
2020/10/19	8-27	20-32	6- 7	18- 2
2020/10/20	9-29	21-30	6- 7	18- 2
2020/10/21	10-30	22-28	6- 7	18- 2
2020/10/22	11-30	23-26	6- 7	18- 1
2020/10/23	12-25	-----	6- 7	18- 1
2020/10/24	13-17	0-22	6- 7	18- 1
2020/10/25	14- 4	1-15	6- 8	18- 0
2020/10/26	14-47	2- 5	6- 8	18- 0

2020/10/27	15-27	2-52	6- 8	18- 0
2020/10/28	16- 5	3-38	6- 8	18- 0
2020/10/29	16-43	4-21	6- 8	17-59
2020/10/30	17-20	5- 4	6- 8	17-59
2020/10/31	17-59	5-48	6- 8	17-59
2020/11/ 1	18-38	6-32	6- 8	17-59
2020/11/ 2	19-21	7-19	6- 9	17-58
2020/11/ 3	20- 6	8- 7	6- 9	17-58
2020/11/ 4	20-55	8-58	6- 9	17-58
2020/11/ 5	21-46	9-50	6- 9	17-58
2020/11/ 6	22-39	10-42	6- 9	17-58
2020/11/ 7	23-34	11-35	6-10	17-58
2020/11/ 8	-----	12-26	6-10	17-58
2020/11/ 9	0-29	13-16	6-10	17-57
2020/11/10	1-24	14- 5	6-10	17-57
2020/11/11	2-18	14-52	6-11	17-57
2020/11/12	3-13	15-40	6-11	17-57
2020/11/13	4- 9	16-28	6-11	17-57
2020/11/14	5- 6	17-20	6-11	17-57
2020/11/15	6- 6	18-13	6-12	17-57
2020/11/16	7- 8	19-11	6-12	17-57
2020/11/17	8-11	20-11	6-12	17-57
2020/11/18	9-14	21-12	6-13	17-57
2020/11/19	10-14	22-11	6-13	17-58
2020/11/20	11- 9	23- 8	6-14	17-58
2020/11/21	11-59	24- 0	6-14	17-58
2020/11/22	12-44	-----	6-14	17-58
2020/11/23	13-26	0-49	6-15	17-58
2020/11/24	14- 5	1-35	6-15	17-58
2020/11/25	14-43	2-19	6-16	17-58
2020/11/26	15-20	3- 2	6-16	17-59
2020/11/27	15-58	3-46	6-16	17-59
2020/11/28	16-37	4-29	6-17	17-59
2020/11/29	17-19	5-16	6-17	17-59
2020/11/30	18- 3	6- 3	6-18	18- 0
2020/12/ 1	18-51	6-53	6-18	18- 0
2020/12/ 2	19-42	7-46	6-19	18- 0
2020/12/ 3	20-35	8-39	6-19	18- 0
2020/12/ 4	21-30	9-32	6-20	18- 1
2020/12/ 5	22-24	10-23	6-20	18- 1
2020/12/ 6	23-18	11-13	6-21	18- 1
2020/12/ 7	-----	12- 1	6-21	18- 2
2020/12/ 8	0-11	12-47	6-22	18- 2
2020/12/ 9	1- 4	13-33	6-22	18- 2
2020/12/10	1-57	14-18	6-23	18- 3
2020/12/11	2-51	15- 6	6-23	18- 3
2020/12/12	3-48	15-57	6-24	18- 4
2020/12/13	4-47	16-52	6-24	18- 4
2020/12/14	5-49	17-51	6-25	18- 5
2020/12/15	6-53	18-52	6-25	18- 5
2020/12/16	7-55	19-53	6-26	18- 5
2020/12/17	8-54	20-53	6-26	18- 6

2020/12/18	9-49	21-49	6-27	18- 6
2020/12/19	10-37	22-40	6-27	18- 7
2020/12/20	11-22	23-29	6-28	18- 7
2020/12/21	12- 2	-----	6-28	18- 8
2020/12/22	12-41	0-14	6-29	18- 8
2020/12/23	13-19	0-58	6-29	18- 9
2020/12/24	13-56	1-42	6-30	18- 9
2020/12/25	14-34	2-25	6-30	18-10
2020/12/26	15-15	3-10	6-31	18-10
2020/12/27	15-59	3-57	6-31	18-11
2020/12/28	16-45	4-47	6-32	18-11
2020/12/29	17-36	5-39	6-32	18-12
2020/12/30	18-29	6-32	6-33	18-12
2020/12/31	19-25	7-26	6-33	18-13

all times in local time (= UT + 5.5h)