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Location: Longitude : 76.60 E Latitude : 9.53 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2019/ 1/ 1	2-30	14-37	6-39	18-14
2019/ 1/ 2	3-21	15-22	6-40	18-15
2019/ 1/ 3	4-11	16- 9	6-40	18-15
2019/ 1/ 4	5- 3	16-57	6-41	18-16
2019/ 1/ 5	5-54	17-47	6-41	18-16
2019/ 1/ 6	6-44	18-36	6-41	18-17
2019/ 1/ 7	7-32	19-26	6-42	18-17
2019/ 1/ 8	8-18	20-14	6-42	18-18
2019/ 1/ 9	9- 2	21- 2	6-42	18-18
2019/ 1/10	9-45	21-48	6-43	18-19
2019/ 1/11	10-24	22-33	6-43	18-19
2019/ 1/12	11- 4	23-19	6-43	18-20
2019/ 1/13	11-44	-----	6-43	18-20
2019/ 1/14	12-23	0- 5	6-44	18-21
2019/ 1/15	13- 6	0-52	6-44	18-21
2019/ 1/16	13-51	1-43	6-44	18-22
2019/ 1/17	14-40	2-35	6-44	18-22
2019/ 1/18	15-35	3-33	6-45	18-23
2019/ 1/19	16-34	4-33	6-45	18-23
2019/ 1/20	17-37	5-36	6-45	18-24
2019/ 1/21	18-42	6-38	6-45	18-24
2019/ 1/22	19-46	7-39	6-45	18-25
2019/ 1/23	20-47	8-36	6-45	18-25
2019/ 1/24	21-46	9-29	6-45	18-26
2019/ 1/25	22-41	10-18	6-45	18-26
2019/ 1/26	23-35	11- 5	6-45	18-26
2019/ 1/27	-----	11-51	6-45	18-27
2019/ 1/28	0-26	12-35	6-45	18-27
2019/ 1/29	1-18	13-21	6-45	18-28
2019/ 1/30	2- 8	14- 7	6-45	18-28
2019/ 1/31	3- 0	14-54	6-45	18-28
2019/ 2/ 1	3-50	15-43	6-45	18-29
2019/ 2/ 2	4-40	16-32	6-45	18-29
2019/ 2/ 3	5-29	17-22	6-45	18-29
2019/ 2/ 4	6-15	18-10	6-45	18-30
2019/ 2/ 5	7- 0	18-58	6-45	18-30
2019/ 2/ 6	7-43	19-45	6-45	18-30
2019/ 2/ 7	8-23	20-31	6-45	18-30
2019/ 2/ 8	9- 3	21-16	6-45	18-31
2019/ 2/ 9	9-43	22- 1	6-44	18-31
2019/ 2/10	10-21	22-47	6-44	18-31
2019/ 2/11	11- 2	23-35	6-44	18-31
2019/ 2/12	11-45	-----	6-44	18-32
2019/ 2/13	12-30	0-25	6-43	18-32
2019/ 2/14	13-21	1-19	6-43	18-32
2019/ 2/15	14-16	2-15	6-43	18-32
2019/ 2/16	15-16	3-15	6-43	18-33

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2019/ 2/17	16-18	4-17	6-42	18-33
2019/ 2/18	17-22	5-18	6-42	18-33
2019/ 2/19	18-25	6-17	6-42	18-33
2019/ 2/20	19-27	7-13	6-41	18-33
2019/ 2/21	20-25	8- 5	6-41	18-33
2019/ 2/22	21-22	8-54	6-41	18-33
2019/ 2/23	22-16	9-42	6-40	18-34
2019/ 2/24	23-10	10-29	6-40	18-34
2019/ 2/25	-----	11-16	6-39	18-34
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2019/ 2/27	0-55	12-51	6-39	18-34
2019/ 2/28	1-47	13-40	6-38	18-34
2019/ 3/ 1	2-37	14-29	6-38	18-34
2019/ 3/ 2	3-26	15-18	6-37	18-34
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2019/ 3/ 7	7- 3	19-14	6-35	18-34
2019/ 3/ 8	7-43	20- 0	6-34	18-34
2019/ 3/ 9	8-21	20-45	6-34	18-34
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2019/ 3/23	20-55	8-17	6-26	18-34
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2019/ 3/31	2-56	14-51	6-22	18-34
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2019/ 4/16	15-50	3-38	6-13	18-34
2019/ 4/17	16-47	4-27	6-13	18-34
2019/ 4/18	17-44	5-17	6-12	18-34
2019/ 4/19	18-39	6- 4	6-12	18-34
2019/ 4/20	19-35	6-52	6-11	18-34
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2019/ 5/11	11-47	-----	6- 4	18-36
2019/ 5/12	12-46	0-41	6- 4	18-36
2019/ 5/13	13-43	1-33	6- 4	18-36
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2019/ 5/17	17-22	4-43	6- 3	18-37
2019/ 5/18	18-16	5-31	6- 3	18-37
2019/ 5/19	19-12	6-19	6- 3	18-37
2019/ 5/20	20- 7	7-10	6- 3	18-38
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2019/ 5/22	21-54	8-54	6- 2	18-38
2019/ 5/23	22-43	9-46	6- 2	18-38
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2019/ 5/28	1-36	13-45	6- 2	18-39
2019/ 5/29	2-14	14-30	6- 2	18-40
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2019/ 5/31	3-34	16- 4	6- 2	18-40

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2019/ 6/14	16- 8	3-26	6- 3	18-44
2019/ 6/15	17- 2	4-13	6- 4	18-44
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2019/ 6/19	20-35	7-36	6- 4	18-45
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2019/ 6/26	0-49	13- 9	6- 6	18-47
2019/ 6/27	1-29	13-55	6- 6	18-47
2019/ 6/28	2- 9	14-43	6- 6	18-47
2019/ 6/29	2-52	15-35	6- 7	18-47
2019/ 6/30	3-39	16-29	6- 7	18-47
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2019/ 7/ 3	6-26	19-28	6- 8	18-48
2019/ 7/ 4	7-28	20-28	6- 8	18-48
2019/ 7/ 5	8-30	21-24	6- 8	18-48
2019/ 7/ 6	9-31	22-17	6- 8	18-48
2019/ 7/ 7	10-29	23- 7	6- 9	18-48
2019/ 7/ 8	11-25	23-54	6- 9	18-48
2019/ 7/ 9	12-19	-----	6- 9	18-48
2019/ 7/10	13-12	0-39	6- 9	18-48
2019/ 7/11	14- 4	1-25	6-10	18-48
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2019/ 7/13	15-51	2-58	6-10	18-48
2019/ 7/14	16-44	3-47	6-10	18-48
2019/ 7/15	17-37	4-37	6-10	18-48
2019/ 7/16	18-29	5-29	6-11	18-48
2019/ 7/17	19-18	6-20	6-11	18-48
2019/ 7/18	20- 4	7-11	6-11	18-48
2019/ 7/19	20-48	8- 1	6-11	18-48
2019/ 7/20	21-29	8-48	6-12	18-48
2019/ 7/21	22- 8	9-34	6-12	18-48
2019/ 7/22	22-47	10-19	6-12	18-48

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2019/ 7/23	23-25	11- 4	6-12	18-48
2019/ 7/24	-----	11-49	6-12	18-48
2019/ 7/25	0- 4	12-35	6-13	18-47
2019/ 7/26	0-45	13-24	6-13	18-47
2019/ 7/27	1-29	14-15	6-13	18-47
2019/ 7/28	2-17	15-11	6-13	18-47
2019/ 7/29	3-10	16- 9	6-13	18-47
2019/ 7/30	4- 7	17-10	6-13	18-46
2019/ 7/31	5- 9	18-11	6-14	18-46
2019/ 8/ 1	6-12	19-10	6-14	18-46
2019/ 8/ 2	7-16	20- 6	6-14	18-46
2019/ 8/ 3	8-16	20-59	6-14	18-45
2019/ 8/ 4	9-16	21-48	6-14	18-45
2019/ 8/ 5	10-12	22-36	6-14	18-45
2019/ 8/ 6	11- 7	23-22	6-14	18-44
2019/ 8/ 7	12- 0	-----	6-14	18-44
2019/ 8/ 8	12-54	0- 9	6-14	18-44
2019/ 8/ 9	13-47	0-56	6-14	18-43
2019/ 8/10	14-40	1-45	6-15	18-43
2019/ 8/11	15-33	2-34	6-15	18-43
2019/ 8/12	16-24	3-25	6-15	18-42
2019/ 8/13	17-14	4-16	6-15	18-42
2019/ 8/14	18- 1	5- 7	6-15	18-42
2019/ 8/15	18-45	5-56	6-15	18-41
2019/ 8/16	19-28	6-44	6-15	18-41
2019/ 8/17	20- 7	7-31	6-15	18-40
2019/ 8/18	20-46	8-16	6-15	18-40
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2019/ 8/20	22- 2	9-45	6-15	18-39
2019/ 8/21	22-42	10-30	6-15	18-38
2019/ 8/22	23-24	11-17	6-15	18-38
2019/ 8/23	-----	12- 6	6-15	18-37
2019/ 8/24	0- 8	12-58	6-15	18-37
2019/ 8/25	0-58	13-54	6-15	18-36
2019/ 8/26	1-52	14-52	6-15	18-36
2019/ 8/27	2-50	15-52	6-15	18-35
2019/ 8/28	3-52	16-51	6-15	18-35
2019/ 8/29	4-55	17-49	6-15	18-34
2019/ 8/30	5-57	18-44	6-15	18-34
2019/ 8/31	6-58	19-36	6-15	18-33
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2019/ 9/ 3	9-51	22- 2	6-14	18-31
2019/ 9/ 4	10-46	22-51	6-14	18-31
2019/ 9/ 5	11-41	23-41	6-14	18-30
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2019/ 9/ 7	13-30	0-30	6-14	18-29
2019/ 9/ 8	14-21	1-22	6-14	18-28
2019/ 9/ 9	15-12	2-13	6-14	18-28
2019/ 9/10	15-59	3- 4	6-14	18-27
2019/ 9/11	16-44	3-53	6-14	18-27
2019/ 9/12	17-27	4-41	6-14	18-26

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2019/ 9/13	18- 7	5-28	6-14	18-25
2019/ 9/14	18-46	6-14	6-13	18-25
2019/ 9/15	19-24	6-59	6-13	18-24
2019/ 9/16	20- 2	7-43	6-13	18-23
2019/ 9/17	20-41	8-28	6-13	18-23
2019/ 9/18	21-22	9-14	6-13	18-22
2019/ 9/19	22- 5	10- 2	6-13	18-22
2019/ 9/20	22-52	10-52	6-13	18-21
2019/ 9/21	23-43	11-46	6-13	18-20
2019/ 9/22	-----	12-41	6-13	18-20
2019/ 9/23	0-37	13-38	6-13	18-19
2019/ 9/24	1-36	14-36	6-13	18-19
2019/ 9/25	2-36	15-33	6-12	18-18
2019/ 9/26	3-38	16-28	6-12	18-17
2019/ 9/27	4-38	17-21	6-12	18-17
2019/ 9/28	5-38	18-11	6-12	18-16
2019/ 9/29	6-36	19- 1	6-12	18-16
2019/ 9/30	7-34	19-51	6-12	18-15
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2019/10/ 2	9-29	21-31	6-12	18-14
2019/10/ 3	10-25	22-22	6-12	18-13
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2019/10/ 7	13-57	0-59	6-12	18-11
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2019/11/10	16-39	4-21	6-15	17-59
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2019/11/14	19-35	7-37	6-17	17-59
2019/11/15	20-27	8-31	6-17	17-59
2019/11/16	21-23	9-28	6-17	17-59
2019/11/17	22-20	10-24	6-18	17-59
2019/11/18	23-19	11-20	6-18	17-59
2019/11/19	-----	12-13	6-19	17-59
2019/11/20	0-16	13- 4	6-19	17-59
2019/11/21	1-13	13-53	6-19	17-59
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2019/11/23	3- 4	15-27	6-20	17-59
2019/11/24	3-59	16-14	6-21	17-59
2019/11/25	4-55	17- 3	6-21	18- 0
2019/11/26	5-52	17-54	6-21	18- 0
2019/11/27	6-50	18-47	6-22	18- 0
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2019/12/13	19-15	7-19	6-30	18- 5
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2019/12/17	23- 9	11- 2	6-32	18- 7
2019/12/18	-----	11-51	6-33	18- 7
2019/12/19	0- 5	12-38	6-33	18- 7
2019/12/20	0-59	13-24	6-34	18- 8
2019/12/21	1-52	14- 9	6-34	18- 8
2019/12/22	2-46	14-56	6-35	18- 9
2019/12/23	3-41	15-45	6-35	18- 9
2019/12/24	4-37	16-36	6-36	18-10
2019/12/25	5-34	17-29	6-36	18-10

	kottayam			
2019/12/26	6-31	18-24	6-37	18-11
2019/12/27	7-27	19-19	6-37	18-11
2019/12/28	8-19	20-12	6-37	18-12
2019/12/29	9- 9	21- 4	6-38	18-12
2019/12/30	9-54	21-53	6-38	18-13
2019/12/31	10-36	22-39	6-39	18-14

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