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Location: Longitude : 75.33 E Latitude : 11.83 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2019/ 1/ 1	2-37	14-40	6-49	18-15
2019/ 1/ 2	3-29	15-25	6-49	18-16
2019/ 1/ 3	4-20	16-11	6-49	18-16
2019/ 1/ 4	5-12	16-59	6-50	18-17
2019/ 1/ 5	6- 3	17-48	6-50	18-17
2019/ 1/ 6	6-53	18-37	6-50	18-18
2019/ 1/ 7	7-41	19-27	6-51	18-19
2019/ 1/ 8	8-27	20-16	6-51	18-19
2019/ 1/ 9	9-11	21- 4	6-51	18-20
2019/ 1/10	9-52	21-51	6-52	18-20
2019/ 1/11	10-31	22-37	6-52	18-21
2019/ 1/12	11-10	23-24	6-52	18-21
2019/ 1/13	11-49	-----	6-52	18-22
2019/ 1/14	12-28	0-10	6-53	18-22
2019/ 1/15	13- 9	0-59	6-53	18-23
2019/ 1/16	13-54	1-50	6-53	18-23
2019/ 1/17	14-43	2-43	6-53	18-24
2019/ 1/18	15-37	3-42	6-53	18-24
2019/ 1/19	16-35	4-42	6-53	18-25
2019/ 1/20	17-39	5-45	6-54	18-25
2019/ 1/21	18-43	6-48	6-54	18-26
2019/ 1/22	19-48	7-48	6-54	18-26
2019/ 1/23	20-50	8-44	6-54	18-27
2019/ 1/24	21-50	9-36	6-54	18-27
2019/ 1/25	22-46	10-24	6-54	18-28
2019/ 1/26	23-40	11-10	6-54	18-28
2019/ 1/27	-----	11-55	6-54	18-29
2019/ 1/28	0-33	12-39	6-54	18-29
2019/ 1/29	1-25	13-24	6-54	18-30
2019/ 1/30	2-17	14- 9	6-54	18-30
2019/ 1/31	3- 8	14-56	6-54	18-30
2019/ 2/ 1	3-59	15-45	6-53	18-31
2019/ 2/ 2	4-49	16-33	6-53	18-31
2019/ 2/ 3	5-38	17-23	6-53	18-32
2019/ 2/ 4	6-24	18-12	6-53	18-32
2019/ 2/ 5	7- 9	19- 1	6-53	18-32
2019/ 2/ 6	7-51	19-48	6-53	18-33
2019/ 2/ 7	8-31	20-34	6-52	18-33
2019/ 2/ 8	9-10	21-21	6-52	18-33
2019/ 2/ 9	9-48	22- 7	6-52	18-34
2019/ 2/10	10-26	22-54	6-52	18-34
2019/ 2/11	11- 6	23-42	6-51	18-34
2019/ 2/12	11-48	-----	6-51	18-35
2019/ 2/13	12-33	0-33	6-51	18-35
2019/ 2/14	13-23	1-27	6-51	18-35
2019/ 2/15	14-17	2-24	6-50	18-35
2019/ 2/16	15-17	3-25	6-50	18-36

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2019/ 2/17	16-19	4-26	6-49	18-36
2019/ 2/18	17-24	5-27	6-49	18-36
2019/ 2/19	18-28	6-25	6-49	18-36
2019/ 2/20	19-31	7-20	6-48	18-36
2019/ 2/21	20-30	8-11	6-48	18-37
2019/ 2/22	21-27	9- 0	6-47	18-37
2019/ 2/23	22-23	9-47	6-47	18-37
2019/ 2/24	23-17	10-33	6-47	18-37
2019/ 2/25	-----	11-19	6-46	18-37
2019/ 2/26	0-10	12- 5	6-46	18-37
2019/ 2/27	1- 3	12-53	6-45	18-38
2019/ 2/28	1-55	13-41	6-45	18-38
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2019/ 3/ 3	4-22	16- 9	6-43	18-38
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2019/ 3/ 6	6-30	18-32	6-41	18-38
2019/ 3/ 7	7-10	19-19	6-41	18-39
2019/ 3/ 8	7-48	20- 5	6-40	18-39
2019/ 3/ 9	8-26	20-51	6-40	18-39
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2019/ 3/16	14- 3	2-11	6-36	18-39
2019/ 3/17	15- 5	3-10	6-35	18-39
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2019/ 3/19	17- 9	5- 3	6-34	18-39
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2019/ 3/21	19- 9	6-45	6-32	18-39
2019/ 3/22	20- 6	7-34	6-32	18-39
2019/ 3/23	21- 2	8-21	6-31	18-39
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2019/ 4/17	16-52	4-34	6-16	18-40
2019/ 4/18	17-49	5-22	6-15	18-41
2019/ 4/19	18-46	6- 9	6-15	18-41
2019/ 4/20	19-42	6-56	6-14	18-41
2019/ 4/21	20-38	7-44	6-14	18-41
2019/ 4/22	21-34	8-33	6-13	18-41
2019/ 4/23	22-29	9-24	6-13	18-41
2019/ 4/24	23-22	10-14	6-12	18-41
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2019/ 4/28	1-44	13-35	6-11	18-42
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2019/ 4/30	3- 6	15- 9	6-10	18-42
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2019/ 5/16	16-33	4- 2	6- 5	18-45
2019/ 5/17	17-29	4-47	6- 5	18-45
2019/ 5/18	18-24	5-34	6- 4	18-46
2019/ 5/19	19-21	6-22	6- 4	18-46
2019/ 5/20	20-16	7-12	6- 4	18-46
2019/ 5/21	21-11	8- 3	6- 4	18-46
2019/ 5/22	22- 3	8-55	6- 4	18-47
2019/ 5/23	22-52	9-47	6- 4	18-47
2019/ 5/24	23-39	10-38	6- 4	18-47
2019/ 5/25	-----	11-28	6- 4	18-48
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2019/ 5/27	1- 3	13- 3	6- 3	18-48
2019/ 5/28	1-42	13-49	6- 3	18-48
2019/ 5/29	2-20	14-35	6- 3	18-49
2019/ 5/30	2-59	15-22	6- 3	18-49
2019/ 5/31	3-38	16-11	6- 3	18-49

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2019/ 6/ 3	5-52	18-52	6- 3	18-50
2019/ 6/ 4	6-45	19-51	6- 3	18-50
2019/ 6/ 5	7-42	20-51	6- 3	18-51
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2019/ 6/ 9	11-42	-----	6- 4	18-52
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2019/ 6/13	15-22	2-44	6- 4	18-53
2019/ 6/14	16-15	3-29	6- 4	18-53
2019/ 6/15	17-10	4-15	6- 5	18-54
2019/ 6/16	18- 5	5- 4	6- 5	18-54
2019/ 6/17	19- 0	5-54	6- 5	18-54
2019/ 6/18	19-54	6-45	6- 5	18-54
2019/ 6/19	20-44	7-38	6- 5	18-55
2019/ 6/20	21-33	8-29	6- 5	18-55
2019/ 6/21	22-17	9-20	6- 6	18-55
2019/ 6/22	22-59	10- 9	6- 6	18-55
2019/ 6/23	23-39	10-56	6- 6	18-55
2019/ 6/24	-----	11-43	6- 6	18-56
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2019/ 6/26	0-55	13-15	6- 7	18-56
2019/ 6/27	1-33	14- 1	6- 7	18-56
2019/ 6/28	2-13	14-50	6- 7	18-56
2019/ 6/29	2-55	15-43	6- 8	18-56
2019/ 6/30	3-41	16-37	6- 8	18-57
2019/ 7/ 1	4-32	17-36	6- 8	18-57
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2019/ 7/ 3	6-27	19-38	6- 9	18-57
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2019/ 7/ 5	8-32	21-33	6- 9	18-57
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2019/ 7/ 7	10-33	23-13	6-10	18-57
2019/ 7/ 8	11-30	23-59	6-10	18-57
2019/ 7/ 9	12-24	-----	6-10	18-57
2019/ 7/10	13-18	0-44	6-10	18-57
2019/ 7/11	14-11	1-28	6-11	18-57
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2019/ 7/13	15-59	3- 0	6-11	18-57
2019/ 7/14	16-53	3-49	6-11	18-57
2019/ 7/15	17-47	4-39	6-12	18-57
2019/ 7/16	18-38	5-31	6-12	18-57
2019/ 7/17	19-27	6-22	6-12	18-57
2019/ 7/18	20-13	7-13	6-13	18-57
2019/ 7/19	20-56	8- 3	6-13	18-57
2019/ 7/20	21-37	8-51	6-13	18-57
2019/ 7/21	22-15	9-38	6-13	18-57
2019/ 7/22	22-53	10-23	6-13	18-57

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2019/ 7/23	23-30	11- 9	6-14	18-56
2019/ 7/24	-----	11-55	6-14	18-56
2019/ 7/25	0- 8	12-42	6-14	18-56
2019/ 7/26	0-49	13-31	6-14	18-56
2019/ 7/27	1-32	14-23	6-15	18-56
2019/ 7/28	2-19	15-20	6-15	18-55
2019/ 7/29	3-12	16-18	6-15	18-55
2019/ 7/30	4- 9	17-19	6-15	18-55
2019/ 7/31	5-10	18-20	6-15	18-55
2019/ 8/ 1	6-14	19-19	6-16	18-54
2019/ 8/ 2	7-18	20-14	6-16	18-54
2019/ 8/ 3	8-20	21- 6	6-16	18-54
2019/ 8/ 4	9-20	21-54	6-16	18-53
2019/ 8/ 5	10-17	22-40	6-16	18-53
2019/ 8/ 6	11-13	23-26	6-16	18-53
2019/ 8/ 7	12- 7	-----	6-17	18-52
2019/ 8/ 8	13- 1	0-12	6-17	18-52
2019/ 8/ 9	13-56	0-58	6-17	18-51
2019/ 8/10	14-49	1-46	6-17	18-51
2019/ 8/11	15-43	2-35	6-17	18-50
2019/ 8/12	16-34	3-27	6-17	18-50
2019/ 8/13	17-24	4-17	6-17	18-50
2019/ 8/14	18-10	5- 8	6-17	18-49
2019/ 8/15	18-54	5-58	6-17	18-49
2019/ 8/16	19-35	6-47	6-18	18-48
2019/ 8/17	20-14	7-34	6-18	18-48
2019/ 8/18	20-52	8-20	6-18	18-47
2019/ 8/19	21-29	9- 5	6-18	18-47
2019/ 8/20	22- 7	9-51	6-18	18-46
2019/ 8/21	22-45	10-36	6-18	18-46
2019/ 8/22	23-27	11-24	6-18	18-45
2019/ 8/23	-----	12-14	6-18	18-44
2019/ 8/24	0-11	13- 7	6-18	18-44
2019/ 8/25	0-59	14- 3	6-18	18-43
2019/ 8/26	1-53	15- 1	6-18	18-43
2019/ 8/27	2-51	16- 1	6-18	18-42
2019/ 8/28	3-53	17- 0	6-18	18-41
2019/ 8/29	4-56	17-57	6-18	18-41
2019/ 8/30	6- 0	18-51	6-18	18-40
2019/ 8/31	7- 2	19-43	6-18	18-40
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2019/ 9/ 4	10-54	22-54	6-18	18-37
2019/ 9/ 5	11-50	23-42	6-18	18-36
2019/ 9/ 6	12-44	-----	6-18	18-36
2019/ 9/ 7	13-39	0-32	6-18	18-35
2019/ 9/ 8	14-31	1-23	6-18	18-34
2019/ 9/ 9	15-21	2-14	6-18	18-34
2019/ 9/10	16- 8	3- 5	6-18	18-33
2019/ 9/11	16-53	3-55	6-18	18-32
2019/ 9/12	17-35	4-44	6-18	18-32

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2019/ 9/13	18-14	5-31	6-18	18-31
2019/ 9/14	18-52	6-17	6-18	18-30
2019/ 9/15	19-30	7- 3	6-18	18-30
2019/ 9/16	20- 7	7-49	6-18	18-29
2019/ 9/17	20-45	8-34	6-18	18-28
2019/ 9/18	21-25	9-21	6-18	18-28
2019/ 9/19	22- 7	10-10	6-18	18-27
2019/ 9/20	22-53	11- 1	6-18	18-26
2019/ 9/21	23-44	11-54	6-18	18-26
2019/ 9/22	-----	12-50	6-18	18-25
2019/ 9/23	0-38	13-48	6-18	18-24
2019/ 9/24	1-37	14-45	6-18	18-24
2019/ 9/25	2-37	15-42	6-18	18-23
2019/ 9/26	3-40	16-36	6-18	18-22
2019/ 9/27	4-41	17-28	6-18	18-22
2019/ 9/28	5-42	18-17	6-17	18-21
2019/ 9/29	6-41	19- 6	6-17	18-20
2019/ 9/30	7-41	19-54	6-17	18-20
2019/10/ 1	8-38	20-43	6-17	18-19
2019/10/ 2	9-37	21-33	6-17	18-18
2019/10/ 3	10-34	22-24	6-17	18-18
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2019/10/ 7	14- 5	1- 0	6-18	18-15
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2019/10/11	16-52	4-14	6-18	18-13
2019/10/12	17-30	5- 0	6-18	18-12
2019/10/13	18- 7	5-46	6-18	18-12
2019/10/14	18-45	6-32	6-18	18-11
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2019/10/16	20- 6	8- 7	6-18	18-10
2019/10/17	20-51	8-58	6-18	18-10
2019/10/18	21-40	9-51	6-18	18- 9
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2019/10/22	0-27	13-32	6-19	18- 7
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2019/10/30	8-17	20-10	6-20	18- 4
2019/10/31	9-16	21- 4	6-21	18- 4
2019/11/ 1	10-13	21-58	6-21	18- 3
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2019/11/ 7	14-51	2-10	6-22	18- 2
2019/11/ 8	15-29	2-56	6-23	18- 2
2019/11/ 9	16- 6	3-42	6-23	18- 1
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2019/11/12	18- 4	6- 2	6-24	18- 1
2019/11/13	18-48	6-53	6-24	18- 1
2019/11/14	19-37	7-46	6-25	18- 1
2019/11/15	20-28	8-41	6-25	18- 1
2019/11/16	21-24	9-38	6-26	18- 1
2019/11/17	22-22	10-34	6-26	18- 1
2019/11/18	23-21	11-29	6-26	18- 1
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2019/11/20	0-19	13-12	6-27	18- 1
2019/11/21	1-16	13-59	6-28	18- 1
2019/11/22	2-13	14-46	6-28	18- 1
2019/11/23	3- 9	15-32	6-29	18- 1
2019/11/24	4- 5	16-18	6-29	18- 1
2019/11/25	5- 2	17- 6	6-30	18- 1
2019/11/26	6- 0	17-56	6-30	18- 1
2019/11/27	6-59	18-49	6-31	18- 1
2019/11/28	7-58	19-43	6-31	18- 1
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2019/11/30	9-49	21-33	6-32	18- 2
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2019/12/13	19-16	7-29	6-39	18- 6
2019/12/14	20-15	8-27	6-40	18- 6
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2019/12/16	22-14	10-18	6-41	18- 7
2019/12/17	23-12	11-10	6-41	18- 8
2019/12/18	-----	11-58	6-42	18- 8
2019/12/19	0- 8	12-44	6-42	18- 8
2019/12/20	1- 3	13-29	6-43	18- 9
2019/12/21	1-58	14-14	6-43	18- 9
2019/12/22	2-53	15- 0	6-44	18-10
2019/12/23	3-49	15-47	6-44	18-10
2019/12/24	4-45	16-37	6-45	18-11
2019/12/25	5-43	17-31	6-45	18-11

			kannur	
2019/12/26	6-40	18-25	6-46	18-12
2019/12/27	7-36	19-20	6-46	18-12
2019/12/28	8-29	20-13	6-47	18-13
2019/12/29	9-18	21- 6	6-47	18-13
2019/12/30	10- 2	21-55	6-48	18-14
2019/12/31	10-44	22-43	6-48	18-15

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