

Station: Mangalore

Location: Longitude : 74.88 E Latitude : 12.92 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2016/12/28	5-50	17-36	6-51	18-13
2016/12/29	6-39	18-25	6-51	18-14
2016/12/30	7-28	19-16	6-52	18-14
2016/12/31	8-16	20- 7	6-52	18-15
2017/ 1/ 1	9- 4	21- 0	6-53	18-15
2017/ 1/ 2	9-50	21-52	6-53	18-16
2017/ 1/ 3	10-35	22-44	6-53	18-17
2017/ 1/ 4	11-20	23-38	6-54	18-17
2017/ 1/ 5	12- 4	-----	6-54	18-18
2017/ 1/ 6	12-50	0-31	6-54	18-18
2017/ 1/ 7	13-39	1-28	6-55	18-19
2017/ 1/ 8	14-29	2-25	6-55	18-19
2017/ 1/ 9	15-24	3-25	6-55	18-20
2017/ 1/10	16-22	4-26	6-55	18-20
2017/ 1/11	17-22	5-28	6-56	18-21
2017/ 1/12	18-23	6-28	6-56	18-22
2017/ 1/13	19-23	7-26	6-56	18-22
2017/ 1/14	20-20	8-19	6-56	18-23
2017/ 1/15	21-15	9- 9	6-56	18-23
2017/ 1/16	22- 7	9-54	6-57	18-24
2017/ 1/17	22-57	10-37	6-57	18-24
2017/ 1/18	23-45	11-18	6-57	18-25
2017/ 1/19	-----	11-58	6-57	18-25
2017/ 1/20	0-31	12-37	6-57	18-26
2017/ 1/21	1-19	13-18	6-57	18-26
2017/ 1/22	2- 6	14- 0	6-57	18-27
2017/ 1/23	2-54	14-43	6-57	18-27
2017/ 1/24	3-43	15-30	6-57	18-28
2017/ 1/25	4-32	16-18	6-57	18-28
2017/ 1/26	5-22	17- 9	6-57	18-29
2017/ 1/27	6-11	18- 1	6-57	18-29
2017/ 1/28	6-59	18-53	6-57	18-30
2017/ 1/29	7-47	19-47	6-57	18-30
2017/ 1/30	8-33	20-40	6-57	18-31
2017/ 1/31	9-19	21-34	6-57	18-31
2017/ 2/ 1	10- 4	22-28	6-57	18-31
2017/ 2/ 2	10-50	23-23	6-56	18-32
2017/ 2/ 3	11-37	-----	6-56	18-32
2017/ 2/ 4	12-25	0-19	6-56	18-33
2017/ 2/ 5	13-17	1-17	6-56	18-33
2017/ 2/ 6	14-11	2-15	6-56	18-33
2017/ 2/ 7	15- 9	3-15	6-55	18-34
2017/ 2/ 8	16- 7	4-14	6-55	18-34
2017/ 2/ 9	17- 7	5-12	6-55	18-34
2017/ 2/10	18- 4	6- 6	6-55	18-35
2017/ 2/11	19- 1	6-57	6-54	18-35
2017/ 2/12	19-54	7-45	6-54	18-35
2017/ 2/13	20-45	8-29	6-54	18-36
2017/ 2/14	21-35	9-11	6-53	18-36
2017/ 2/15	22-23	9-52	6-53	18-36
2017/ 2/16	23-11	10-32	6-52	18-37
2017/ 2/17	23-58	11-13	6-52	18-37
2017/ 2/18	-----	11-55	6-52	18-37
2017/ 2/19	0-46	12-37	6-51	18-37
2017/ 2/20	1-35	13-23	6-51	18-37
2017/ 2/21	2-23	14- 9	6-50	18-38
2017/ 2/22	3-12	14-59	6-50	18-38
2017/ 2/23	4- 1	15-50	6-49	18-38
2017/ 2/24	4-50	16-42	6-49	18-38
2017/ 2/25	5-39	17-37	6-48	18-39
2017/ 2/26	6-26	18-31	6-48	18-39
2017/ 2/27	7-13	19-26	6-47	18-39
2017/ 2/28	8- 0	20-21	6-47	18-39
2017/ 3/ 1	8-46	21-18	6-46	18-39

2017/ 3/ 2	9-34	22-14	6-46	18-39
2017/ 3/ 3	10-23	23-12	6-45	18-40
2017/ 3/ 4	11-14	-----	6-45	18-40
2017/ 3/ 5	12- 7	0-10	6-44	18-40
2017/ 3/ 6	13- 3	1-10	6-43	18-40
2017/ 3/ 7	14- 0	2- 7	6-43	18-40
2017/ 3/ 8	14-57	3- 4	6-42	18-40
2017/ 3/ 9	15-55	3-58	6-42	18-40
2017/ 3/10	16-50	4-49	6-41	18-40
2017/ 3/11	17-44	5-37	6-40	18-40
2017/ 3/12	18-35	6-22	6-40	18-41
2017/ 3/13	19-26	7- 5	6-39	18-41
2017/ 3/14	20-14	7-47	6-38	18-41
2017/ 3/15	21- 3	8-27	6-38	18-41
2017/ 3/16	21-51	9- 8	6-37	18-41
2017/ 3/17	22-38	9-49	6-37	18-41
2017/ 3/18	23-27	10-31	6-36	18-41
2017/ 3/19	-----	11-16	6-35	18-41
2017/ 3/20	0-15	12- 2	6-35	18-41
2017/ 3/21	1- 4	12-49	6-34	18-41
2017/ 3/22	1-52	13-39	6-33	18-41
2017/ 3/23	2-40	14-30	6-33	18-41
2017/ 3/24	3-28	15-23	6-32	18-41
2017/ 3/25	4-15	16-16	6-31	18-41
2017/ 3/26	5- 3	17-12	6-31	18-42
2017/ 3/27	5-50	18- 7	6-30	18-42
2017/ 3/28	6-37	19- 4	6-29	18-42
2017/ 3/29	7-26	20- 3	6-29	18-42
2017/ 3/30	8-15	21- 2	6-28	18-42
2017/ 3/31	9- 8	22- 3	6-27	18-42
2017/ 4/ 1	10- 2	23- 3	6-27	18-42
2017/ 4/ 2	10-58	-----	6-26	18-42
2017/ 4/ 3	11-56	0- 3	6-25	18-42
2017/ 4/ 4	12-53	1- 0	6-25	18-42
2017/ 4/ 5	13-50	1-55	6-24	18-42
2017/ 4/ 6	14-45	2-46	6-23	18-42
2017/ 4/ 7	15-38	3-34	6-23	18-42
2017/ 4/ 8	16-29	4-19	6-22	18-42
2017/ 4/ 9	17-20	5- 2	6-21	18-42
2017/ 4/10	18- 8	5-43	6-21	18-43
2017/ 4/11	18-56	6-23	6-20	18-43
2017/ 4/12	19-44	7- 4	6-20	18-43
2017/ 4/13	20-32	7-45	6-19	18-43
2017/ 4/14	21-21	8-27	6-18	18-43
2017/ 4/15	22- 9	9-11	6-18	18-43
2017/ 4/16	22-57	9-56	6-17	18-43
2017/ 4/17	23-46	10-42	6-17	18-43
2017/ 4/18	-----	11-31	6-16	18-43
2017/ 4/19	0-33	12-20	6-16	18-43
2017/ 4/20	1-20	13-12	6-15	18-44
2017/ 4/21	2- 6	14- 3	6-15	18-44
2017/ 4/22	2-52	14-57	6-14	18-44
2017/ 4/23	3-39	15-51	6-13	18-44
2017/ 4/24	4-25	16-47	6-13	18-44
2017/ 4/25	5-13	17-45	6-12	18-44
2017/ 4/26	6- 2	18-45	6-12	18-44
2017/ 4/27	6-54	19-47	6-12	18-45
2017/ 4/28	7-49	20-49	6-11	18-45
2017/ 4/29	8-46	21-52	6-11	18-45
2017/ 4/30	9-46	22-53	6-10	18-45
2017/ 5/ 1	10-45	23-50	6-10	18-45
2017/ 5/ 2	11-45	-----	6- 9	18-46
2017/ 5/ 3	12-41	0-44	6- 9	18-46
2017/ 5/ 4	13-35	1-33	6- 9	18-46
2017/ 5/ 5	14-27	2-19	6- 8	18-46
2017/ 5/ 6	15-17	3- 2	6- 8	18-46
2017/ 5/ 7	16- 5	3-43	6- 7	18-47
2017/ 5/ 8	16-53	4-23	6- 7	18-47
2017/ 5/ 9	17-41	5- 3	6- 7	18-47
2017/ 5/10	18-28	5-44	6- 6	18-47
2017/ 5/11	19-16	6-25	6- 6	18-47

2017/ 5/12	20- 4	7- 8	6- 6	18-48
2017/ 5/13	20-53	7-52	6- 6	18-48
2017/ 5/14	21-42	8-38	6- 5	18-48
2017/ 5/15	22-29	9-26	6- 5	18-48
2017/ 5/16	23-16	10-15	6- 5	18-49
2017/ 5/17	-----	11- 5	6- 5	18-49
2017/ 5/18	0- 2	11-55	6- 5	18-49
2017/ 5/19	0-47	12-46	6- 4	18-50
2017/ 5/20	1-31	13-39	6- 4	18-50
2017/ 5/21	2-16	14-32	6- 4	18-50
2017/ 5/22	3- 1	15-28	6- 4	18-50
2017/ 5/23	3-49	16-25	6- 4	18-51
2017/ 5/24	4-38	17-26	6- 4	18-51
2017/ 5/25	5-32	18-28	6- 4	18-51
2017/ 5/26	6-28	19-33	6- 3	18-52
2017/ 5/27	7-29	20-36	6- 3	18-52
2017/ 5/28	8-30	21-38	6- 3	18-52
2017/ 5/29	9-32	22-35	6- 3	18-53
2017/ 5/30	10-31	23-29	6- 3	18-53
2017/ 5/31	11-29	-----	6- 3	18-53
2017/ 6/ 1	12-22	0-17	6- 3	18-53
2017/ 6/ 2	13-14	1- 2	6- 3	18-54
2017/ 6/ 3	14- 3	1-44	6- 3	18-54
2017/ 6/ 4	14-51	2-24	6- 3	18-54
2017/ 6/ 5	15-38	3- 4	6- 3	18-55
2017/ 6/ 6	16-25	3-44	6- 3	18-55
2017/ 6/ 7	17-13	4-24	6- 3	18-55
2017/ 6/ 8	18- 1	5- 6	6- 4	18-56
2017/ 6/ 9	18-50	5-50	6- 4	18-56
2017/ 6/10	19-39	6-35	6- 4	18-56
2017/ 6/11	20-26	7-23	6- 4	18-56
2017/ 6/12	21-14	8-11	6- 4	18-57
2017/ 6/13	22- 0	9- 1	6- 4	18-57
2017/ 6/14	22-45	9-51	6- 4	18-57
2017/ 6/15	23-29	10-42	6- 4	18-57
2017/ 6/16	-----	11-33	6- 5	18-58
2017/ 6/17	0-12	12-24	6- 5	18-58
2017/ 6/18	0-56	13-17	6- 5	18-58
2017/ 6/19	1-41	14-11	6- 5	18-58
2017/ 6/20	2-27	15- 9	6- 5	18-59
2017/ 6/21	3-18	16- 9	6- 6	18-59
2017/ 6/22	4-11	17-11	6- 6	18-59
2017/ 6/23	5- 9	18-15	6- 6	18-59
2017/ 6/24	6-10	19-19	6- 6	19- 0
2017/ 6/25	7-13	20-19	6- 6	19- 0
2017/ 6/26	8-15	21-17	6- 7	19- 0
2017/ 6/27	9-16	22- 9	6- 7	19- 0
2017/ 6/28	10-12	22-56	6- 7	19- 0
2017/ 6/29	11- 7	23-41	6- 7	19- 0
2017/ 6/30	11-58	-----	6- 8	19- 0
2017/ 7/ 1	12-47	0-22	6- 8	19- 1
2017/ 7/ 2	13-35	1- 3	6- 8	19- 1
2017/ 7/ 3	14-22	1-43	6- 9	19- 1
2017/ 7/ 4	15-10	2-23	6- 9	19- 1
2017/ 7/ 5	15-58	3- 5	6- 9	19- 1
2017/ 7/ 6	16-46	3-48	6- 9	19- 1
2017/ 7/ 7	17-35	4-33	6-10	19- 1
2017/ 7/ 8	18-23	5-20	6-10	19- 1
2017/ 7/ 9	19-11	6- 8	6-10	19- 1
2017/ 7/10	19-58	6-58	6-10	19- 1
2017/ 7/11	20-44	7-48	6-11	19- 1
2017/ 7/12	21-29	8-39	6-11	19- 1
2017/ 7/13	22-12	9-30	6-11	19- 1
2017/ 7/14	22-55	10-20	6-12	19- 1
2017/ 7/15	23-39	11-12	6-12	19- 1
2017/ 7/16	-----	12- 5	6-12	19- 1
2017/ 7/17	0-23	12-59	6-12	19- 1
2017/ 7/18	1-10	13-56	6-13	19- 1
2017/ 7/19	2- 0	14-55	6-13	19- 0
2017/ 7/20	2-54	15-57	6-13	19- 0
2017/ 7/21	3-52	16-59	6-13	19- 0

2017/ 7/22	4-53	18- 1	6-14	19- 0
2017/ 7/23	5-55	19- 0	6-14	19- 0
2017/ 7/24	6-57	19-55	6-14	19- 0
2017/ 7/25	7-57	20-46	6-14	18-59
2017/ 7/26	8-54	21-34	6-15	18-59
2017/ 7/27	9-48	22-17	6-15	18-59
2017/ 7/28	10-39	22-59	6-15	18-59
2017/ 7/29	11-29	23-40	6-15	18-58
2017/ 7/30	12-17	-----	6-16	18-58
2017/ 7/31	13- 5	0-21	6-16	18-58
2017/ 8/ 1	13-53	1- 2	6-16	18-57
2017/ 8/ 2	14-41	1-45	6-16	18-57
2017/ 8/ 3	15-30	2-29	6-16	18-57
2017/ 8/ 4	16-18	3-15	6-16	18-56
2017/ 8/ 5	17- 7	4- 3	6-17	18-56
2017/ 8/ 6	17-54	4-52	6-17	18-56
2017/ 8/ 7	18-41	5-43	6-17	18-55
2017/ 8/ 8	19-27	6-34	6-17	18-55
2017/ 8/ 9	20-11	7-26	6-17	18-54
2017/ 8/10	20-54	8-17	6-17	18-54
2017/ 8/11	21-38	9- 9	6-18	18-53
2017/ 8/12	22-22	10- 2	6-18	18-53
2017/ 8/13	23- 8	10-55	6-18	18-52
2017/ 8/14	23-56	11-50	6-18	18-52
2017/ 8/15	-----	12-47	6-18	18-51
2017/ 8/16	0-47	13-46	6-18	18-51
2017/ 8/17	1-42	14-46	6-18	18-50
2017/ 8/18	2-39	15-47	6-18	18-50
2017/ 8/19	3-40	16-45	6-19	18-49
2017/ 8/20	4-40	17-42	6-19	18-49
2017/ 8/21	5-41	18-34	6-19	18-48
2017/ 8/22	6-38	19-23	6-19	18-47
2017/ 8/23	7-34	20- 9	6-19	18-47
2017/ 8/24	8-27	20-52	6-19	18-46
2017/ 8/25	9-19	21-35	6-19	18-46
2017/ 8/26	10- 8	22-16	6-19	18-45
2017/ 8/27	10-57	22-57	6-19	18-44
2017/ 8/28	11-46	23-40	6-19	18-44
2017/ 8/29	12-34	-----	6-19	18-43
2017/ 8/30	13-23	0-23	6-19	18-42
2017/ 8/31	14-11	1- 9	6-19	18-42
2017/ 9/ 1	15- 0	1-56	6-19	18-41
2017/ 9/ 2	15-48	2-45	6-19	18-40
2017/ 9/ 3	16-34	3-35	6-19	18-40
2017/ 9/ 4	17-21	4-26	6-19	18-39
2017/ 9/ 5	18- 6	5-18	6-19	18-38
2017/ 9/ 6	18-51	6-10	6-19	18-38
2017/ 9/ 7	19-35	7- 3	6-19	18-37
2017/ 9/ 8	20-20	7-56	6-19	18-36
2017/ 9/ 9	21- 6	8-50	6-19	18-36
2017/ 9/10	21-54	9-46	6-19	18-35
2017/ 9/11	22-44	10-43	6-19	18-34
2017/ 9/12	23-37	11-41	6-19	18-34
2017/ 9/13	-----	12-40	6-19	18-33
2017/ 9/14	0-33	13-39	6-19	18-32
2017/ 9/15	1-31	14-37	6-19	18-31
2017/ 9/16	2-30	15-33	6-19	18-31
2017/ 9/17	3-29	16-25	6-19	18-30
2017/ 9/18	4-26	17-14	6-19	18-29
2017/ 9/19	5-22	18- 1	6-19	18-29
2017/ 9/20	6-15	18-45	6-19	18-28
2017/ 9/21	7- 8	19-28	6-19	18-27
2017/ 9/22	7-58	20- 9	6-19	18-26
2017/ 9/23	8-48	20-51	6-19	18-26
2017/ 9/24	9-37	21-34	6-19	18-25
2017/ 9/25	10-26	22-17	6-19	18-24
2017/ 9/26	11-15	23- 2	6-19	18-24
2017/ 9/27	12- 4	23-49	6-19	18-23
2017/ 9/28	12-52	-----	6-19	18-22
2017/ 9/29	13-40	0-36	6-19	18-22
2017/ 9/30	14-27	1-26	6-19	18-21

2017/10/ 1	15-13	2-16	6-20	18-20
2017/10/ 2	15-58	3- 7	6-20	18-19
2017/10/ 3	16-43	3-59	6-20	18-19
2017/10/ 4	17-28	4-51	6-20	18-18
2017/10/ 5	18-13	5-45	6-20	18-18
2017/10/ 6	18-59	6-40	6-20	18-17
2017/10/ 7	19-48	7-37	6-20	18-16
2017/10/ 8	20-38	8-34	6-20	18-16
2017/10/ 9	21-32	9-34	6-20	18-15
2017/10/10	22-28	10-34	6-20	18-14
2017/10/11	23-26	11-35	6-20	18-14
2017/10/12	-----	12-33	6-20	18-13
2017/10/13	0-25	13-29	6-20	18-13
2017/10/14	1-23	14-21	6-20	18-12
2017/10/15	2-20	15-11	6-21	18-11
2017/10/16	3-15	15-57	6-21	18-11
2017/10/17	4- 8	16-40	6-21	18-10
2017/10/18	5- 0	17-23	6-21	18-10
2017/10/19	5-50	18- 5	6-21	18- 9
2017/10/20	6-40	18-46	6-21	18- 9
2017/10/21	7-29	19-29	6-21	18- 8
2017/10/22	8-18	20-11	6-22	18- 8
2017/10/23	9- 8	20-56	6-22	18- 7
2017/10/24	9-57	21-42	6-22	18- 7
2017/10/25	10-45	22-29	6-22	18- 6
2017/10/26	11-33	23-17	6-22	18- 6
2017/10/27	12-20	-----	6-23	18- 6
2017/10/28	13- 6	0- 6	6-23	18- 5
2017/10/29	13-50	0-56	6-23	18- 5
2017/10/30	14-34	1-47	6-23	18- 5
2017/10/31	15-18	2-38	6-24	18- 4
2017/11/ 1	16- 3	3-31	6-24	18- 4
2017/11/ 2	16-48	4-24	6-24	18- 4
2017/11/ 3	17-36	5-21	6-24	18- 3
2017/11/ 4	18-26	6-18	6-25	18- 3
2017/11/ 5	19-20	7-19	6-25	18- 3
2017/11/ 6	20-17	8-21	6-25	18- 2
2017/11/ 7	21-17	9-24	6-26	18- 2
2017/11/ 8	22-17	10-25	6-26	18- 2
2017/11/ 9	23-18	11-25	6-26	18- 2
2017/11/10	-----	12-19	6-27	18- 2
2017/11/11	0-16	13-10	6-27	18- 1
2017/11/12	1-12	13-57	6-28	18- 1
2017/11/13	2- 5	14-40	6-28	18- 1
2017/11/14	2-56	15-23	6-28	18- 1
2017/11/15	3-46	16- 3	6-29	18- 1
2017/11/16	4-35	16-44	6-29	18- 1
2017/11/17	5-24	17-26	6-30	18- 1
2017/11/18	6-13	18- 8	6-30	18- 1
2017/11/19	7- 2	18-52	6-31	18- 1
2017/11/20	7-51	19-37	6-31	18- 1
2017/11/21	8-40	20-23	6-31	18- 1
2017/11/22	9-28	21-12	6-32	18- 1
2017/11/23	10-15	22- 0	6-32	18- 1
2017/11/24	11- 1	22-49	6-33	18- 1
2017/11/25	11-46	23-39	6-33	18- 1
2017/11/26	12-29	-----	6-34	18- 1
2017/11/27	13-11	0-28	6-34	18- 1
2017/11/28	13-54	1-19	6-35	18- 2
2017/11/29	14-37	2-10	6-36	18- 2
2017/11/30	15-23	3- 4	6-36	18- 2
2017/12/ 1	16-11	3-59	6-37	18- 2
2017/12/ 2	17- 3	4-58	6-37	18- 2
2017/12/ 3	17-59	6- 0	6-38	18- 3
2017/12/ 4	18-59	7- 4	6-38	18- 3
2017/12/ 5	20- 1	8- 8	6-39	18- 3
2017/12/ 6	21- 5	9-11	6-39	18- 3
2017/12/ 7	22- 6	10-10	6-40	18- 4
2017/12/ 8	23- 5	11- 5	6-40	18- 4
2017/12/ 9	-----	11-54	6-41	18- 4
2017/12/10	0- 1	12-40	6-42	18- 5

2017/12/11	0-54	13-23	6-42	18- 5
2017/12/12	1-44	14- 4	6-43	18- 5
2017/12/13	2-33	14-44	6-43	18- 6
2017/12/14	3-22	15-25	6-44	18- 6
2017/12/15	4-10	16- 6	6-44	18- 7
2017/12/16	4-58	16-49	6-45	18- 7
2017/12/17	5-47	17-34	6-45	18- 8
2017/12/18	6-36	18-20	6-46	18- 8
2017/12/19	7-25	19- 8	6-46	18- 8
2017/12/20	8-12	19-56	6-47	18- 9
2017/12/21	8-59	20-45	6-47	18- 9
2017/12/22	9-44	21-34	6-48	18-10
2017/12/23	10-27	22-23	6-48	18-10
2017/12/24	11- 9	23-12	6-49	18-11
2017/12/25	11-51	-----	6-49	18-11
2017/12/26	12-32	0- 2	6-50	18-12
2017/12/27	13-15	0-52	6-50	18-13
2017/12/28	14- 0	1-45	6-51	18-13
2017/12/29	14-48	2-40	6-51	18-14
2017/12/30	15-40	3-39	6-52	18-14
2017/12/31	16-37	4-40	6-52	18-15

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