

Station: Kolkata

Location: Longitude : 88.33 E Latitude : 22.53 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2016/12/28	5- 9	16-25	6-15	17- 1
2016/12/29	5-58	17-14	6-16	17- 2
2016/12/30	6-47	18- 5	6-16	17- 3
2016/12/31	7-35	18-59	6-16	17- 3
2017/ 1/ 1	8-20	19-53	6-17	17- 4
2017/ 1/ 2	9- 4	20-48	6-17	17- 5
2017/ 1/ 3	9-46	21-44	6-17	17- 5
2017/ 1/ 4	10-27	22-40	6-17	17- 6
2017/ 1/ 5	11- 9	23-38	6-18	17- 7
2017/ 1/ 6	11-51	-----	6-18	17- 7
2017/ 1/ 7	12-36	0-37	6-18	17- 8
2017/ 1/ 8	13-24	1-38	6-18	17- 9
2017/ 1/ 9	14-15	2-40	6-18	17- 9
2017/ 1/10	15-11	3-44	6-18	17-10
2017/ 1/11	16-11	4-47	6-19	17-11
2017/ 1/12	17-12	5-48	6-19	17-11
2017/ 1/13	18-14	6-43	6-19	17-12
2017/ 1/14	19-14	7-35	6-19	17-13
2017/ 1/15	20-12	8-21	6-19	17-14
2017/ 1/16	21- 7	9- 4	6-19	17-14
2017/ 1/17	22- 0	9-44	6-19	17-15
2017/ 1/18	22-51	10-21	6-19	17-16
2017/ 1/19	23-42	10-58	6-19	17-16
2017/ 1/20	-----	11-36	6-18	17-17
2017/ 1/21	0-31	12-13	6-18	17-18
2017/ 1/22	1-21	12-53	6-18	17-18
2017/ 1/23	2-11	13-35	6-18	17-19
2017/ 1/24	3- 1	14-19	6-18	17-20
2017/ 1/25	3-51	15- 7	6-18	17-21
2017/ 1/26	4-41	15-58	6-17	17-21
2017/ 1/27	5-30	16-51	6-17	17-22
2017/ 1/28	6-16	17-46	6-17	17-23
2017/ 1/29	7- 2	18-42	6-17	17-23
2017/ 1/30	7-45	19-39	6-16	17-24
2017/ 1/31	8-27	20-36	6-16	17-25
2017/ 2/ 1	9-10	21-34	6-16	17-25
2017/ 2/ 2	9-52	22-32	6-15	17-26
2017/ 2/ 3	10-35	23-31	6-15	17-27
2017/ 2/ 4	11-21	-----	6-14	17-27
2017/ 2/ 5	12- 9	0-31	6-14	17-28
2017/ 2/ 6	13- 2	1-33	6-13	17-28
2017/ 2/ 7	13-58	2-34	6-13	17-29
2017/ 2/ 8	14-56	3-34	6-12	17-30
2017/ 2/ 9	15-57	4-30	6-12	17-30
2017/ 2/10	16-57	5-23	6-11	17-31
2017/ 2/11	17-56	6-11	6-11	17-31
2017/ 2/12	18-53	6-56	6-10	17-32
2017/ 2/13	19-48	7-38	6-10	17-33
2017/ 2/14	20-40	8-16	6- 9	17-33
2017/ 2/15	21-32	8-54	6- 8	17-34
2017/ 2/16	22-22	9-32	6- 8	17-34
2017/ 2/17	23-12	10- 9	6- 7	17-35
2017/ 2/18	-----	10-48	6- 6	17-35
2017/ 2/19	0- 2	11-30	6- 6	17-36
2017/ 2/20	0-52	12-13	6- 5	17-36
2017/ 2/21	1-42	12-59	6- 4	17-37
2017/ 2/22	2-32	13-48	6- 4	17-37
2017/ 2/23	3-21	14-40	6- 3	17-38
2017/ 2/24	4- 8	15-34	6- 2	17-38
2017/ 2/25	4-54	16-30	6- 1	17-39
2017/ 2/26	5-39	17-28	6- 1	17-39
2017/ 2/27	6-23	18-26	6- 0	17-40
2017/ 2/28	7- 6	19-25	5-59	17-40
2017/ 3/ 1	7-50	20-24	5-58	17-41

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

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

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

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

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

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