

Station: Kolhapur

Location: Longitude : 74.23 E Latitude : 16.70 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2016/12/28	5-58	17-33	7- 0	18- 9
2016/12/29	6-47	18-22	7- 1	18- 9
2016/12/30	7-37	19-13	7- 1	18-10
2016/12/31	8-24	20- 5	7- 2	18-11
2017/ 1/ 1	9-11	20-58	7- 2	18-11
2017/ 1/ 2	9-56	21-52	7- 2	18-12
2017/ 1/ 3	10-40	22-45	7- 3	18-12
2017/ 1/ 4	11-24	23-40	7- 3	18-13
2017/ 1/ 5	12- 7	-----	7- 3	18-14
2017/ 1/ 6	12-52	0-35	7- 4	18-14
2017/ 1/ 7	13-39	1-32	7- 4	18-15
2017/ 1/ 8	14-28	2-31	7- 4	18-15
2017/ 1/ 9	15-22	3-32	7- 4	18-16
2017/ 1/10	16-19	4-34	7- 5	18-17
2017/ 1/11	17-19	5-37	7- 5	18-17
2017/ 1/12	18-20	6-37	7- 5	18-18
2017/ 1/13	19-21	7-34	7- 5	18-18
2017/ 1/14	20-19	8-26	7- 5	18-19
2017/ 1/15	21-15	9-15	7- 5	18-20
2017/ 1/16	22- 8	9-59	7- 5	18-20
2017/ 1/17	22-59	10-40	7- 6	18-21
2017/ 1/18	23-48	11-20	7- 6	18-21
2017/ 1/19	-----	11-59	7- 6	18-22
2017/ 1/20	0-36	12-37	7- 6	18-23
2017/ 1/21	1-25	13-17	7- 6	18-23
2017/ 1/22	2-12	13-58	7- 6	18-24
2017/ 1/23	3- 1	14-41	7- 6	18-24
2017/ 1/24	3-51	15-27	7- 5	18-25
2017/ 1/25	4-40	16-15	7- 5	18-25
2017/ 1/26	5-30	17- 6	7- 5	18-26
2017/ 1/27	6-19	17-58	7- 5	18-27
2017/ 1/28	7- 7	18-52	7- 5	18-27
2017/ 1/29	7-53	19-46	7- 5	18-28
2017/ 1/30	8-39	20-41	7- 5	18-28
2017/ 1/31	9-23	21-36	7- 4	18-29
2017/ 2/ 1	10- 7	22-31	7- 4	18-29
2017/ 2/ 2	10-51	23-28	7- 4	18-30
2017/ 2/ 3	11-37	-----	7- 4	18-30
2017/ 2/ 4	12-24	0-25	7- 3	18-31
2017/ 2/ 5	13-15	1-24	7- 3	18-31
2017/ 2/ 6	14- 9	2-23	7- 3	18-32
2017/ 2/ 7	15- 6	3-24	7- 2	18-32
2017/ 2/ 8	16- 4	4-22	7- 2	18-32
2017/ 2/ 9	17- 4	5-20	7- 2	18-33
2017/ 2/10	18- 3	6-13	7- 1	18-33
2017/ 2/11	19- 0	7- 3	7- 1	18-34
2017/ 2/12	19-55	7-50	7- 0	18-34
2017/ 2/13	20-47	8-33	7- 0	18-35
2017/ 2/14	21-38	9-14	7- 0	18-35
2017/ 2/15	22-27	9-54	6-59	18-35
2017/ 2/16	23-16	10-33	6-59	18-36
2017/ 2/17	-----	11-13	6-58	18-36
2017/ 2/18	0- 5	11-53	6-58	18-36
2017/ 2/19	0-53	12-35	6-57	18-37
2017/ 2/20	1-42	13-20	6-57	18-37
2017/ 2/21	2-31	14- 6	6-56	18-37
2017/ 2/22	3-21	14-56	6-55	18-38
2017/ 2/23	4-10	15-47	6-55	18-38
2017/ 2/24	4-58	16-40	6-54	18-38
2017/ 2/25	5-46	17-35	6-54	18-39
2017/ 2/26	6-32	18-31	6-53	18-39
2017/ 2/27	7-18	19-27	6-52	18-39
2017/ 2/28	8- 3	20-24	6-52	18-40
2017/ 3/ 1	8-48	21-22	6-51	18-40

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

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

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

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

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

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