

Station: Rourkela

Location: Longitude : 84.88 E Latitude : 22.22 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2020/12/27	15- 5	3-48	6-28	17-15
2020/12/28	15-49	4-41	6-28	17-16
2020/12/29	16-36	5-36	6-29	17-17
2020/12/30	17-29	6-31	6-29	17-17
2020/12/31	18-25	7-25	6-29	17-18
2021/ 1/ 1	19-24	8-15	6-30	17-18
2021/ 1/ 2	20-23	9- 3	6-30	17-19
2021/ 1/ 3	21-23	9-46	6-30	17-20
2021/ 1/ 4	22-21	10-27	6-31	17-20
2021/ 1/ 5	23-20	11- 6	6-31	17-21
2021/ 1/ 6	-----	11-44	6-31	17-22
2021/ 1/ 7	0-18	12-22	6-31	17-22
2021/ 1/ 8	1-19	13- 4	6-31	17-23
2021/ 1/ 9	2-21	13-49	6-32	17-24
2021/ 1/10	3-26	14-38	6-32	17-25
2021/ 1/11	4-31	15-34	6-32	17-25
2021/ 1/12	5-36	16-34	6-32	17-26
2021/ 1/13	6-35	17-36	6-32	17-27
2021/ 1/14	7-30	18-37	6-32	17-27
2021/ 1/15	8-17	19-37	6-32	17-28
2021/ 1/16	9- 0	20-33	6-32	17-29
2021/ 1/17	9-38	21-27	6-32	17-29
2021/ 1/18	10-12	22-18	6-32	17-30
2021/ 1/19	10-44	23- 8	6-32	17-31
2021/ 1/20	11-17	23-58	6-32	17-32
2021/ 1/21	11-49	-----	6-32	17-32
2021/ 1/22	12-23	0-47	6-31	17-33
2021/ 1/23	13- 1	1-39	6-31	17-34
2021/ 1/24	13-42	2-31	6-31	17-34
2021/ 1/25	14-27	3-25	6-31	17-35
2021/ 1/26	15-18	4-20	6-31	17-36
2021/ 1/27	16-14	5-15	6-30	17-36
2021/ 1/28	17-13	6- 7	6-30	17-37
2021/ 1/29	18-13	6-57	6-30	17-38
2021/ 1/30	19-15	7-43	6-30	17-38
2021/ 1/31	20-14	8-25	6-29	17-39
2021/ 2/ 1	21-14	9- 5	6-29	17-40
2021/ 2/ 2	22-13	9-44	6-28	17-40
2021/ 2/ 3	23-14	10-23	6-28	17-41
2021/ 2/ 4	-----	11- 3	6-28	17-41
2021/ 2/ 5	0-14	11-46	6-27	17-42
2021/ 2/ 6	1-17	12-33	6-27	17-43
2021/ 2/ 7	2-20	13-25	6-26	17-43
2021/ 2/ 8	3-24	14-21	6-26	17-44
2021/ 2/ 9	4-23	15-22	6-25	17-44
2021/ 2/10	5-19	16-22	6-25	17-45
2021/ 2/11	6- 9	17-23	6-24	17-46
2021/ 2/12	6-53	18-20	6-24	17-46
2021/ 2/13	7-33	19-16	6-23	17-47
2021/ 2/14	8- 8	20- 8	6-22	17-47
2021/ 2/15	8-42	20-59	6-22	17-48
2021/ 2/16	9-15	21-49	6-21	17-48
2021/ 2/17	9-47	22-39	6-20	17-49
2021/ 2/18	10-20	23-29	6-20	17-49
2021/ 2/19	10-56	-----	6-19	17-50

2021/ 2/20	11-35	0-21	6-18	17-50
2021/ 2/21	12-18	1-14	6-18	17-51
2021/ 2/22	13- 6	2- 8	6-17	17-51
2021/ 2/23	13-59	3- 2	6-16	17-52
2021/ 2/24	14-57	3-55	6-15	17-52
2021/ 2/25	15-57	4-46	6-15	17-53
2021/ 2/26	16-59	5-34	6-14	17-53
2021/ 2/27	18- 0	6-18	6-13	17-54
2021/ 2/28	19- 2	7- 0	6-12	17-54
2021/ 3/ 1	20- 3	7-41	6-12	17-54
2021/ 3/ 2	21- 5	8-20	6-11	17-55
2021/ 3/ 3	22- 7	9- 1	6-10	17-55
2021/ 3/ 4	23-11	9-45	6- 9	17-56
2021/ 3/ 5	-----	10-30	6- 8	17-56
2021/ 3/ 6	0-15	11-22	6- 7	17-56
2021/ 3/ 7	1-18	12-16	6- 6	17-57
2021/ 3/ 8	2-18	13-15	6- 6	17-57
2021/ 3/ 9	3-15	14-14	6- 5	17-58
2021/ 3/10	4- 5	15-14	6- 4	17-58
2021/ 3/11	4-50	16-11	6- 3	17-58
2021/ 3/12	5-30	17- 7	6- 2	17-59
2021/ 3/13	6- 6	18- 0	6- 1	17-59
2021/ 3/14	6-40	18-51	6- 0	17-59
2021/ 3/15	7-13	19-41	5-59	18- 0
2021/ 3/16	7-46	20-31	5-58	18- 0
2021/ 3/17	8-18	21-22	5-58	18- 1
2021/ 3/18	8-53	22-13	5-57	18- 1
2021/ 3/19	9-31	23- 5	5-56	18- 1
2021/ 3/20	10-12	23-58	5-55	18- 2
2021/ 3/21	10-57	-----	5-54	18- 2
2021/ 3/22	11-47	0-52	5-53	18- 2
2021/ 3/23	12-41	1-45	5-52	18- 3
2021/ 3/24	13-40	2-35	5-51	18- 3
2021/ 3/25	14-39	3-24	5-50	18- 3
2021/ 3/26	15-41	4- 9	5-49	18- 4
2021/ 3/27	16-43	4-52	5-48	18- 4
2021/ 3/28	17-45	5-33	5-47	18- 4
2021/ 3/29	18-48	6-13	5-46	18- 5
2021/ 3/30	19-53	6-54	5-45	18- 5
2021/ 3/31	20-58	7-38	5-45	18- 5
2021/ 4/ 1	22- 4	8-24	5-44	18- 6
2021/ 4/ 2	23-10	9-15	5-43	18- 6
2021/ 4/ 3	-----	10-10	5-42	18- 6
2021/ 4/ 4	0-13	11- 9	5-41	18- 7
2021/ 4/ 5	1-12	12- 9	5-40	18- 7
2021/ 4/ 6	2- 4	13- 9	5-39	18- 7
2021/ 4/ 7	2-50	14- 6	5-38	18- 8
2021/ 4/ 8	3-31	15- 2	5-37	18- 8
2021/ 4/ 9	4- 8	15-55	5-36	18- 8
2021/ 4/10	4-42	16-46	5-35	18- 9
2021/ 4/11	5-15	17-36	5-35	18- 9
2021/ 4/12	5-47	18-26	5-34	18- 9
2021/ 4/13	6-19	19-16	5-33	18-10
2021/ 4/14	6-53	20- 7	5-32	18-10
2021/ 4/15	7-29	20-59	5-31	18-10
2021/ 4/16	8- 8	21-52	5-30	18-11
2021/ 4/17	8-52	22-45	5-29	18-11
2021/ 4/18	9-40	23-37	5-29	18-12
2021/ 4/19	10-31	-----	5-28	18-12
2021/ 4/20	11-27	0-27	5-27	18-12
2021/ 4/21	12-24	1-16	5-26	18-13
2021/ 4/22	13-24	2- 1	5-25	18-13

2021/ 4/23	14-24	2-43	5-25	18-13
2021/ 4/24	15-25	3-24	5-24	18-14
2021/ 4/25	16-26	4- 4	5-23	18-14
2021/ 4/26	17-31	4-44	5-22	18-15
2021/ 4/27	18-36	5-27	5-22	18-15
2021/ 4/28	19-45	6-12	5-21	18-15
2021/ 4/29	20-53	7- 2	5-20	18-16
2021/ 4/30	22- 1	7-58	5-19	18-16
2021/ 5/ 1	23- 3	8-57	5-19	18-17
2021/ 5/ 2	24- 0	9-59	5-18	18-17
2021/ 5/ 3	-----	11- 1	5-17	18-18
2021/ 5/ 4	0-49	12- 1	5-17	18-18
2021/ 5/ 5	1-32	12-57	5-16	18-18
2021/ 5/ 6	2-10	13-51	5-16	18-19
2021/ 5/ 7	2-44	14-43	5-15	18-19
2021/ 5/ 8	3-17	15-33	5-15	18-20
2021/ 5/ 9	3-49	16-22	5-14	18-20
2021/ 5/10	4-21	17-12	5-13	18-21
2021/ 5/11	4-54	18- 2	5-13	18-21
2021/ 5/12	5-29	18-54	5-12	18-21
2021/ 5/13	6- 7	19-47	5-12	18-22
2021/ 5/14	6-49	20-40	5-11	18-22
2021/ 5/15	7-36	21-33	5-11	18-23
2021/ 5/16	8-26	22-23	5-11	18-23
2021/ 5/17	9-20	23-12	5-10	18-24
2021/ 5/18	10-16	23-57	5-10	18-24
2021/ 5/19	11-13	-----	5- 9	18-25
2021/ 5/20	12-11	0-39	5- 9	18-25
2021/ 5/21	13-10	1-19	5- 9	18-26
2021/ 5/22	14- 9	1-58	5- 8	18-26
2021/ 5/23	15-10	2-36	5- 8	18-26
2021/ 5/24	16-13	3-17	5- 8	18-27
2021/ 5/25	17-20	3-59	5- 8	18-27
2021/ 5/26	18-29	4-47	5- 7	18-28
2021/ 5/27	19-39	5-40	5- 7	18-28
2021/ 5/28	20-46	6-39	5- 7	18-29
2021/ 5/29	21-48	7-42	5- 7	18-29
2021/ 5/30	22-41	8-46	5- 7	18-30
2021/ 5/31	23-29	9-50	5- 6	18-30
2021/ 6/ 1	-----	10-49	5- 6	18-30
2021/ 6/ 2	0- 9	11-45	5- 6	18-31
2021/ 6/ 3	0-46	12-38	5- 6	18-31
2021/ 6/ 4	1-19	13-29	5- 6	18-32
2021/ 6/ 5	1-51	14-19	5- 6	18-32
2021/ 6/ 6	2-23	15- 8	5- 6	18-32
2021/ 6/ 7	2-55	15-58	5- 6	18-33
2021/ 6/ 8	3-30	16-49	5- 6	18-33
2021/ 6/ 9	4- 7	17-42	5- 6	18-33
2021/ 6/10	4-48	18-35	5- 6	18-34
2021/ 6/11	5-33	19-29	5- 6	18-34
2021/ 6/12	6-22	20-20	5- 6	18-35
2021/ 6/13	7-16	21-10	5- 6	18-35
2021/ 6/14	8-11	21-56	5- 6	18-35
2021/ 6/15	9- 8	22-38	5- 6	18-35
2021/ 6/16	10- 4	23-18	5- 7	18-36
2021/ 6/17	11- 1	23-56	5- 7	18-36
2021/ 6/18	11-59	-----	5- 7	18-36
2021/ 6/19	12-57	0-33	5- 7	18-37
2021/ 6/20	13-57	1-11	5- 7	18-37
2021/ 6/21	15- 0	1-51	5- 8	18-37
2021/ 6/22	16- 6	2-35	5- 8	18-37
2021/ 6/23	17-15	3-24	5- 8	18-37

2021/ 6/24	18-23	4-19	5- 8	18-38
2021/ 6/25	19-29	5-21	5- 9	18-38
2021/ 6/26	20-27	6-26	5- 9	18-38
2021/ 6/27	21-19	7-32	5- 9	18-38
2021/ 6/28	22- 4	8-34	5- 9	18-38
2021/ 6/29	22-43	9-34	5-10	18-38
2021/ 6/30	23-19	10-29	5-10	18-38
2021/ 7/ 1	23-52	11-23	5-10	18-38
2021/ 7/ 2	-----	12-13	5-11	18-38
2021/ 7/ 3	0-24	13- 3	5-11	18-38
2021/ 7/ 4	0-56	13-53	5-11	18-38
2021/ 7/ 5	1-30	14-44	5-12	18-38
2021/ 7/ 6	2- 6	15-36	5-12	18-38
2021/ 7/ 7	2-46	16-29	5-12	18-38
2021/ 7/ 8	3-30	17-23	5-13	18-38
2021/ 7/ 9	4-17	18-15	5-13	18-38
2021/ 7/10	5-10	19- 6	5-14	18-38
2021/ 7/11	6- 5	19-54	5-14	18-38
2021/ 7/12	7- 3	20-38	5-14	18-38
2021/ 7/13	8- 0	21-19	5-15	18-38
2021/ 7/14	8-57	21-57	5-15	18-37
2021/ 7/15	9-54	22-34	5-16	18-37
2021/ 7/16	10-51	23-11	5-16	18-37
2021/ 7/17	11-49	23-49	5-16	18-37
2021/ 7/18	12-48	-----	5-17	18-36
2021/ 7/19	13-52	0-29	5-17	18-36
2021/ 7/20	14-57	1-15	5-18	18-36
2021/ 7/21	16- 4	2- 6	5-18	18-36
2021/ 7/22	17-10	3- 3	5-19	18-35
2021/ 7/23	18-11	4- 6	5-19	18-35
2021/ 7/24	19- 7	5-11	5-19	18-34
2021/ 7/25	19-55	6-16	5-20	18-34
2021/ 7/26	20-37	7-18	5-20	18-34
2021/ 7/27	21-15	8-16	5-21	18-33
2021/ 7/28	21-50	9-12	5-21	18-33
2021/ 7/29	22-22	10- 4	5-22	18-32
2021/ 7/30	22-55	10-55	5-22	18-32
2021/ 7/31	23-29	11-46	5-22	18-31
2021/ 8/ 1	-----	12-37	5-23	18-31
2021/ 8/ 2	0- 4	13-29	5-23	18-30
2021/ 8/ 3	0-42	14-21	5-24	18-30
2021/ 8/ 4	1-24	15-15	5-24	18-29
2021/ 8/ 5	2-11	16- 8	5-24	18-28
2021/ 8/ 6	3- 2	17- 0	5-25	18-28
2021/ 8/ 7	3-57	17-49	5-25	18-27
2021/ 8/ 8	4-54	18-35	5-26	18-27
2021/ 8/ 9	5-52	19-18	5-26	18-26
2021/ 8/10	6-50	19-57	5-26	18-25
2021/ 8/11	7-49	20-35	5-27	18-24
2021/ 8/12	8-46	21-12	5-27	18-24
2021/ 8/13	9-44	21-49	5-27	18-23
2021/ 8/14	10-43	22-28	5-28	18-22
2021/ 8/15	11-45	23-12	5-28	18-22
2021/ 8/16	12-48	24- 0	5-28	18-21
2021/ 8/17	13-53	-----	5-29	18-20
2021/ 8/18	14-57	0-53	5-29	18-19
2021/ 8/19	15-59	1-53	5-30	18-18
2021/ 8/20	16-56	2-55	5-30	18-18
2021/ 8/21	17-46	4- 0	5-30	18-17
2021/ 8/22	18-30	5- 2	5-31	18-16
2021/ 8/23	19-10	6- 2	5-31	18-15
2021/ 8/24	19-46	6-59	5-31	18-14

2021/ 8/25	20-19	7-53	5-31	18-13
2021/ 8/26	20-52	8-45	5-32	18-13
2021/ 8/27	21-26	9-37	5-32	18-12
2021/ 8/28	22- 0	10-28	5-32	18-11
2021/ 8/29	22-37	11-20	5-33	18-10
2021/ 8/30	23-18	12-12	5-33	18- 9
2021/ 8/31	-----	13- 6	5-33	18- 8
2021/ 9/ 1	0- 3	13-59	5-34	18- 7
2021/ 9/ 2	0-52	14-51	5-34	18- 6
2021/ 9/ 3	1-45	15-41	5-34	18- 5
2021/ 9/ 4	2-41	16-28	5-34	18- 4
2021/ 9/ 5	3-40	17-12	5-35	18- 4
2021/ 9/ 6	4-38	17-53	5-35	18- 3
2021/ 9/ 7	5-38	18-32	5-35	18- 2
2021/ 9/ 8	6-36	19-10	5-36	18- 1
2021/ 9/ 9	7-36	19-48	5-36	18- 0
2021/ 9/10	8-36	20-27	5-36	17-59
2021/ 9/11	9-38	21-10	5-36	17-58
2021/ 9/12	10-41	21-57	5-37	17-57
2021/ 9/13	11-47	22-49	5-37	17-56
2021/ 9/14	12-51	23-46	5-37	17-55
2021/ 9/15	13-53	-----	5-38	17-54
2021/ 9/16	14-50	0-47	5-38	17-53
2021/ 9/17	15-41	1-49	5-38	17-52
2021/ 9/18	16-26	2-51	5-38	17-51
2021/ 9/19	17- 7	3-51	5-39	17-50
2021/ 9/20	17-43	4-48	5-39	17-49
2021/ 9/21	18-17	5-43	5-39	17-48
2021/ 9/22	18-50	6-36	5-39	17-47
2021/ 9/23	19-24	7-28	5-40	17-46
2021/ 9/24	19-58	8-19	5-40	17-45
2021/ 9/25	20-34	9-11	5-40	17-44
2021/ 9/26	21-13	10- 3	5-41	17-43
2021/ 9/27	21-56	10-56	5-41	17-42
2021/ 9/28	22-42	11-50	5-41	17-41
2021/ 9/29	23-34	12-42	5-41	17-40
2021/ 9/30	-----	13-33	5-42	17-39
2021/10/ 1	0-28	14-20	5-42	17-38
2021/10/ 2	1-25	15- 5	5-42	17-37
2021/10/ 3	2-23	15-47	5-43	17-37
2021/10/ 4	3-22	16-26	5-43	17-36
2021/10/ 5	4-20	17- 5	5-43	17-35
2021/10/ 6	5-21	17-43	5-44	17-34
2021/10/ 7	6-21	18-22	5-44	17-33
2021/10/ 8	7-25	19- 5	5-44	17-32
2021/10/ 9	8-30	19-51	5-45	17-31
2021/10/10	9-37	20-43	5-45	17-30
2021/10/11	10-43	21-40	5-45	17-29
2021/10/12	11-48	22-40	5-46	17-28
2021/10/13	12-47	23-43	5-46	17-27
2021/10/14	13-40	-----	5-47	17-27
2021/10/15	14-26	0-45	5-47	17-26
2021/10/16	15- 7	1-45	5-47	17-25
2021/10/17	15-44	2-42	5-48	17-24
2021/10/18	16-17	3-37	5-48	17-23
2021/10/19	16-50	4-29	5-49	17-23
2021/10/20	17-23	5-21	5-49	17-22
2021/10/21	17-57	6-12	5-49	17-21
2021/10/22	18-31	7- 4	5-50	17-20
2021/10/23	19-10	7-56	5-50	17-19
2021/10/24	19-51	8-49	5-51	17-19
2021/10/25	20-36	9-42	5-51	17-18

2021/10/26	21-25	10-34	5-52	17-17
2021/10/27	22-17	11-26	5-52	17-17
2021/10/28	23-12	12-13	5-53	17-16
2021/10/29	-----	12-58	5-53	17-15
2021/10/30	0- 8	13-40	5-54	17-15
2021/10/31	1- 6	14-19	5-54	17-14
2021/11/ 1	2- 3	14-57	5-55	17-14
2021/11/ 2	3- 2	15-35	5-55	17-13
2021/11/ 3	4- 2	16-13	5-56	17-12
2021/11/ 4	5- 4	16-55	5-56	17-12
2021/11/ 5	6- 9	17-40	5-57	17-11
2021/11/ 6	7-17	18-30	5-57	17-11
2021/11/ 7	8-27	19-27	5-58	17-10
2021/11/ 8	9-35	20-29	5-58	17-10
2021/11/ 9	10-39	21-34	5-59	17-10
2021/11/10	11-36	22-37	6- 0	17- 9
2021/11/11	12-25	23-40	6- 0	17- 9
2021/11/12	13- 8	-----	6- 1	17- 8
2021/11/13	13-46	0-37	6- 1	17- 8
2021/11/14	14-20	1-33	6- 2	17- 8
2021/11/15	14-53	2-25	6- 3	17- 7
2021/11/16	15-25	3-17	6- 3	17- 7
2021/11/17	15-58	4- 7	6- 4	17- 7
2021/11/18	16-31	4-58	6- 4	17- 7
2021/11/19	17- 8	5-50	6- 5	17- 6
2021/11/20	17-49	6-43	6- 6	17- 6
2021/11/21	18-32	7-36	6- 6	17- 6
2021/11/22	19-20	8-29	6- 7	17- 6
2021/11/23	20-11	9-21	6- 8	17- 6
2021/11/24	21- 5	10- 9	6- 8	17- 6
2021/11/25	22- 0	10-55	6- 9	17- 6
2021/11/26	22-55	11-37	6-10	17- 6
2021/11/27	23-51	12-16	6-10	17- 6
2021/11/28	-----	12-53	6-11	17- 6
2021/11/29	0-46	13-29	6-12	17- 6
2021/11/30	1-44	14- 6	6-12	17- 6
2021/12/ 1	2-43	14-44	6-13	17- 6
2021/12/ 2	3-45	15-27	6-14	17- 6
2021/12/ 3	4-51	16-14	6-14	17- 6
2021/12/ 4	6- 1	17- 8	6-15	17- 6
2021/12/ 5	7-12	18- 9	6-16	17- 6
2021/12/ 6	8-20	19-15	6-16	17- 7
2021/12/ 7	9-23	20-22	6-17	17- 7
2021/12/ 8	10-17	21-28	6-17	17- 7
2021/12/ 9	11- 5	22-29	6-18	17- 7
2021/12/10	11-46	23-27	6-19	17- 8
2021/12/11	12-21	-----	6-19	17- 8
2021/12/12	12-55	0-21	6-20	17- 8
2021/12/13	13-28	1-13	6-21	17- 9
2021/12/14	14- 0	2- 4	6-21	17- 9
2021/12/15	14-33	2-54	6-22	17- 9
2021/12/16	15- 9	3-46	6-22	17-10
2021/12/17	15-47	4-37	6-23	17-10
2021/12/18	16-29	5-31	6-23	17-11
2021/12/19	17-17	6-24	6-24	17-11
2021/12/20	18- 7	7-16	6-25	17-12
2021/12/21	19- 0	8- 6	6-25	17-12
2021/12/22	19-55	8-53	6-26	17-13
2021/12/23	20-49	9-36	6-26	17-13
2021/12/24	21-44	10-15	6-26	17-14
2021/12/25	22-38	10-52	6-27	17-14
2021/12/26	23-34	11-28	6-27	17-15

2021/12/27	-----	12- 2	6-28	17-15
2021/12/28	0-29	12-38	6-28	17-16
2021/12/29	1-28	13-17	6-29	17-16
2021/12/30	2-29	14- 0	6-29	17-17
2021/12/31	3-36	14-49	6-29	17-18

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