

Station: Rourkela

Location: Longitude : 84.88 E Latitude : 22.22 N

| Date | Moonrise | Moonset | Sunrise | Sunset |
|------------|----------|---------|---------|--------|
| | h. m. | h. m. | h. m. | h. m. |
| 2016/12/28 | 5-22 | 16-40 | 6-28 | 17-16 |
| 2016/12/29 | 6-12 | 17-29 | 6-29 | 17-17 |
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| 2016/12/31 | 7-49 | 19-14 | 6-29 | 17-18 |
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| 2017/11/13 | 1-18 | 14- 3 | 6- 1 | 17- 8 |
| 2017/11/14 | 2-12 | 14-42 | 6- 2 | 17- 8 |
| 2017/11/15 | 3- 6 | 15-20 | 6- 3 | 17- 7 |
| 2017/11/16 | 3-58 | 15-58 | 6- 3 | 17- 7 |
| 2017/11/17 | 4-50 | 16-36 | 6- 4 | 17- 7 |
| 2017/11/18 | 5-42 | 17-16 | 6- 4 | 17- 7 |
| 2017/11/19 | 6-33 | 17-57 | 6- 5 | 17- 6 |
| 2017/11/20 | 7-24 | 18-41 | 6- 6 | 17- 6 |
| 2017/11/21 | 8-14 | 19-27 | 6- 6 | 17- 6 |
| 2017/11/22 | 9- 3 | 20-15 | 6- 7 | 17- 6 |
| 2017/11/23 | 9-49 | 21- 4 | 6- 8 | 17- 6 |
| 2017/11/24 | 10-34 | 21-55 | 6- 8 | 17- 6 |
| 2017/11/25 | 11-16 | 22-46 | 6- 9 | 17- 6 |
| 2017/11/26 | 11-57 | 23-39 | 6-10 | 17- 6 |
| 2017/11/27 | 12-37 | ----- | 6-10 | 17- 6 |
| 2017/11/28 | 13-17 | 0-32 | 6-11 | 17- 6 |
| 2017/11/29 | 13-56 | 1-27 | 6-12 | 17- 6 |
| 2017/11/30 | 14-38 | 2-23 | 6-12 | 17- 6 |
| 2017/12/ 1 | 15-23 | 3-23 | 6-13 | 17- 6 |
| 2017/12/ 2 | 16-11 | 4-25 | 6-14 | 17- 6 |
| 2017/12/ 3 | 17- 4 | 5-31 | 6-14 | 17- 6 |
| 2017/12/ 4 | 18- 2 | 6-36 | 6-15 | 17- 6 |
| 2017/12/ 5 | 19- 4 | 7-42 | 6-16 | 17- 6 |
| 2017/12/ 6 | 20- 8 | 8-45 | 6-16 | 17- 7 |
| 2017/12/ 7 | 21-12 | 9-43 | 6-17 | 17- 7 |
| 2017/12/ 8 | 22-13 | 10-34 | 6-17 | 17- 7 |
| 2017/12/ 9 | 23-12 | 11-22 | 6-18 | 17- 7 |
| 2017/12/10 | ----- | 12- 4 | 6-19 | 17- 8 |

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

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