

Station: Bankura

Location: Longitude : 87.05 E Latitude : 23.25 N

| Date       | Moonrise | Moonset | Sunrise | Sunset |
|------------|----------|---------|---------|--------|
|            | h. m.    | h. m.   | h. m.   | h. m.  |
| 2019/12/27 | 7-10     | 18- 8   | 6-21    | 17- 4  |
| 2019/12/28 | 8- 2     | 19- 4   | 6-21    | 17- 5  |
| 2019/12/29 | 8-48     | 19-59   | 6-22    | 17- 5  |
| 2019/12/30 | 9-30     | 20-52   | 6-22    | 17- 6  |
| 2019/12/31 | 10- 8    | 21-44   | 6-23    | 17- 7  |
| 2020/ 1/ 1 | 10-43    | 22-34   | 6-23    | 17- 7  |
| 2020/ 1/ 2 | 11-16    | 23-24   | 6-23    | 17- 8  |
| 2020/ 1/ 3 | 11-49    | -----   | 6-23    | 17- 8  |
| 2020/ 1/ 4 | 12-21    | 0-13    | 6-24    | 17- 9  |
| 2020/ 1/ 5 | 12-55    | 1- 4    | 6-24    | 17-10  |
| 2020/ 1/ 6 | 13-33    | 1-56    | 6-24    | 17-10  |
| 2020/ 1/ 7 | 14-13    | 2-50    | 6-24    | 17-11  |
| 2020/ 1/ 8 | 14-59    | 3-47    | 6-25    | 17-12  |
| 2020/ 1/ 9 | 15-51    | 4-46    | 6-25    | 17-13  |
| 2020/ 1/10 | 16-49    | 5-46    | 6-25    | 17-13  |
| 2020/ 1/11 | 17-51    | 6-45    | 6-25    | 17-14  |
| 2020/ 1/12 | 18-56    | 7-40    | 6-25    | 17-15  |
| 2020/ 1/13 | 20- 1    | 8-31    | 6-25    | 17-15  |
| 2020/ 1/14 | 21- 4    | 9-18    | 6-25    | 17-16  |
| 2020/ 1/15 | 22- 6    | 10- 1   | 6-25    | 17-17  |
| 2020/ 1/16 | 23- 7    | 10-41   | 6-25    | 17-18  |
| 2020/ 1/17 | -----    | 11-21   | 6-25    | 17-18  |
| 2020/ 1/18 | 0- 7     | 12- 1   | 6-25    | 17-19  |
| 2020/ 1/19 | 1- 7     | 12-42   | 6-25    | 17-20  |
| 2020/ 1/20 | 2- 6     | 13-27   | 6-25    | 17-20  |
| 2020/ 1/21 | 3- 6     | 14-14   | 6-25    | 17-21  |
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| 2020/ 1/24 | 5-54     | 16-54   | 6-24    | 17-23  |
| 2020/ 1/25 | 6-42     | 17-49   | 6-24    | 17-24  |
| 2020/ 1/26 | 7-26     | 18-43   | 6-24    | 17-25  |
| 2020/ 1/27 | 8- 5     | 19-36   | 6-24    | 17-25  |
| 2020/ 1/28 | 8-41     | 20-26   | 6-23    | 17-26  |
| 2020/ 1/29 | 9-15     | 21-16   | 6-23    | 17-27  |
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| 2020/ 2/ 9 | 17-41    | 6-18    | 6-18    | 17-34  |

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| 2020/ 2/15 | ----- | 10-41 | 6-15 | 17-38 |
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| 2020/ 3/11 | 19-41 | 7-10  | 5-55 | 17-50 |
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| 2020/ 3/13 | 21-50 | 8-35  | 5-53 | 17-50 |
| 2020/ 3/14 | 22-52 | 9-20  | 5-52 | 17-51 |
| 2020/ 3/15 | 23-54 | 10- 7 | 5-51 | 17-51 |
| 2020/ 3/16 | ----- | 10-57 | 5-50 | 17-52 |
| 2020/ 3/17 | 0-52  | 11-50 | 5-49 | 17-52 |
| 2020/ 3/18 | 1-47  | 12-43 | 5-48 | 17-52 |
| 2020/ 3/19 | 2-37  | 13-38 | 5-47 | 17-53 |
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| 2020/ 3/25 | 6-21  | 18-45 | 5-41 | 17-55 |
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| 2020/ 4/ 2 | 11-57 | 0-57  | 5-33 | 17-58 |
| 2020/ 4/ 3 | 12-58 | 1-51  | 5-32 | 17-58 |
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| 2020/ 6/20 | 3-58  | 17-44 | 4-56 | 18-30 |
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| 2020/ 6/22 | 5-39  | 19-37 | 4-57 | 18-31 |
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| 2020/ 6/25 | 8-38  | 22- 6 | 4-58 | 18-31 |
| 2020/ 6/26 | 9-40  | 22-49 | 4-58 | 18-31 |
| 2020/ 6/27 | 10-40 | 23-29 | 4-58 | 18-31 |
| 2020/ 6/28 | 11-41 | ----- | 4-58 | 18-32 |
| 2020/ 6/29 | 12-41 | 0- 8  | 4-59 | 18-32 |
| 2020/ 6/30 | 13-42 | 0-47  | 4-59 | 18-32 |
| 2020/ 7/ 1 | 14-44 | 1-28  | 4-59 | 18-32 |
| 2020/ 7/ 2 | 15-48 | 2-12  | 5- 0 | 18-32 |
| 2020/ 7/ 3 | 16-51 | 3- 1  | 5- 0 | 18-32 |
| 2020/ 7/ 4 | 17-54 | 3-53  | 5- 1 | 18-32 |
| 2020/ 7/ 5 | 18-51 | 4-50  | 5- 1 | 18-32 |
| 2020/ 7/ 6 | 19-44 | 5-48  | 5- 1 | 18-32 |
| 2020/ 7/ 7 | 20-31 | 6-47  | 5- 2 | 18-32 |
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| 2020/ 7/12 | 23-29 | 11-12 | 5- 4 | 18-31 |
| 2020/ 7/13 | ----- | 12- 1 | 5- 4 | 18-31 |
| 2020/ 7/14 | 0- 1  | 12-51 | 5- 5 | 18-31 |

|            |       |       |      |       |
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| 2020/ 7/15 | 0-35  | 13-43 | 5- 5 | 18-30 |
| 2020/ 7/16 | 1-11  | 14-36 | 5- 5 | 18-30 |
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| 2020/ 7/18 | 2-37  | 16-29 | 5- 6 | 18-30 |
| 2020/ 7/19 | 3-28  | 17-26 | 5- 7 | 18-29 |
| 2020/ 7/20 | 4-24  | 18-21 | 5- 7 | 18-29 |
| 2020/ 7/21 | 5-25  | 19-14 | 5- 8 | 18-29 |
| 2020/ 7/22 | 6-27  | 20- 2 | 5- 8 | 18-28 |
| 2020/ 7/23 | 7-31  | 20-47 | 5- 9 | 18-28 |
| 2020/ 7/24 | 8-33  | 21-29 | 5- 9 | 18-27 |
| 2020/ 7/25 | 9-35  | 22- 8 | 5- 9 | 18-27 |
| 2020/ 7/26 | 10-35 | 22-48 | 5-10 | 18-27 |
| 2020/ 7/27 | 11-37 | 23-28 | 5-10 | 18-26 |
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| 2020/ 8/13 | ----- | 13-20 | 5-17 | 18-16 |
| 2020/ 8/14 | 0-28  | 14-15 | 5-18 | 18-15 |
| 2020/ 8/15 | 1-16  | 15-12 | 5-18 | 18-14 |
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| 2020/ 8/17 | 3- 8  | 17- 2 | 5-19 | 18-12 |
| 2020/ 8/18 | 4-10  | 17-53 | 5-19 | 18-12 |
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| 2020/ 8/20 | 6-19  | 19-24 | 5-20 | 18-10 |
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| 2020/ 9/ 3 | 18-55 | 6- 7  | 5-25 | 17-57 |
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|------------|-------|-------|------|-------|
| 2020/ 9/ 5 | 19-59 | 7-48  | 5-26 | 17-55 |
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| 2020/ 9/14 | 1-51  | 15-41 | 5-28 | 17-46 |
| 2020/ 9/15 | 2-54  | 16-29 | 5-29 | 17-45 |
| 2020/ 9/16 | 3-59  | 17-14 | 5-29 | 17-44 |
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| 2020/ 9/22 | 10-27 | 21-38 | 5-31 | 17-38 |
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| 2020/ 9/25 | 13-29 | ----- | 5-32 | 17-35 |
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| 2020/ 9/28 | 15-46 | 2-15  | 5-33 | 17-32 |
| 2020/ 9/29 | 16-22 | 3-10  | 5-33 | 17-31 |
| 2020/ 9/30 | 16-56 | 4- 2  | 5-33 | 17-30 |
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| 2020/10/24 | 13- 4 | ----- | 5-43 | 17- 9 |
| 2020/10/25 | 13-47 | 0-11  | 5-44 | 17- 8 |
| 2020/10/26 | 14-24 | 1- 6  | 5-44 | 17- 7 |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2020/10/27 | 14-59 | 1-59  | 5-45 | 17- 7 |
| 2020/10/28 | 15-32 | 2-49  | 5-45 | 17- 6 |
| 2020/10/29 | 16- 3 | 3-40  | 5-46 | 17- 5 |
| 2020/10/30 | 16-34 | 4-28  | 5-46 | 17- 5 |
| 2020/10/31 | 17- 7 | 5-19  | 5-47 | 17- 4 |
| 2020/11/ 1 | 17-41 | 6- 9  | 5-47 | 17- 3 |
| 2020/11/ 2 | 18-18 | 7- 0  | 5-48 | 17- 3 |
| 2020/11/ 3 | 18-59 | 7-54  | 5-49 | 17- 2 |
| 2020/11/ 4 | 19-45 | 8-47  | 5-49 | 17- 2 |
| 2020/11/ 5 | 20-34 | 9-42  | 5-50 | 17- 1 |
| 2020/11/ 6 | 21-29 | 10-34 | 5-50 | 17- 1 |
| 2020/11/ 7 | 22-26 | 11-25 | 5-51 | 17- 0 |
| 2020/11/ 8 | 23-26 | 12-13 | 5-51 | 17- 0 |
| 2020/11/ 9 | ----- | 12-58 | 5-52 | 16-59 |
| 2020/11/10 | 0-26  | 13-40 | 5-53 | 16-59 |
| 2020/11/11 | 1-28  | 14-20 | 5-53 | 16-58 |
| 2020/11/12 | 2-29  | 15- 1 | 5-54 | 16-58 |
| 2020/11/13 | 3-33  | 15-42 | 5-55 | 16-58 |
| 2020/11/14 | 4-38  | 16-25 | 5-55 | 16-57 |
| 2020/11/15 | 5-45  | 17-12 | 5-56 | 16-57 |
| 2020/11/16 | 6-53  | 18- 4 | 5-56 | 16-57 |
| 2020/11/17 | 8- 1  | 19- 0 | 5-57 | 16-56 |
| 2020/11/18 | 9- 6  | 20- 0 | 5-58 | 16-56 |
| 2020/11/19 | 10- 6 | 21- 1 | 5-58 | 16-56 |
| 2020/11/20 | 10-58 | 22- 1 | 5-59 | 16-56 |
| 2020/11/21 | 11-44 | 22-58 | 6- 0 | 16-56 |
| 2020/11/22 | 12-24 | 23-53 | 6- 0 | 16-55 |
| 2020/11/23 | 13- 0 | ----- | 6- 1 | 16-55 |
| 2020/11/24 | 13-34 | 0-45  | 6- 2 | 16-55 |
| 2020/11/25 | 14- 5 | 1-35  | 6- 2 | 16-55 |
| 2020/11/26 | 14-36 | 2-24  | 6- 3 | 16-55 |
| 2020/11/27 | 15- 8 | 3-14  | 6- 4 | 16-55 |
| 2020/11/28 | 15-42 | 4- 4  | 6- 4 | 16-55 |
| 2020/11/29 | 16-18 | 4-55  | 6- 5 | 16-55 |
| 2020/11/30 | 16-58 | 5-48  | 6- 6 | 16-55 |
| 2020/12/ 1 | 17-42 | 6-42  | 6- 6 | 16-55 |
| 2020/12/ 2 | 18-31 | 7-37  | 6- 7 | 16-55 |
| 2020/12/ 3 | 19-24 | 8-31  | 6- 8 | 16-55 |
| 2020/12/ 4 | 20-20 | 9-23  | 6- 8 | 16-55 |
| 2020/12/ 5 | 21-19 | 10-11 | 6- 9 | 16-56 |
| 2020/12/ 6 | 22-18 | 10-56 | 6-10 | 16-56 |
| 2020/12/ 7 | 23-18 | 11-39 | 6-10 | 16-56 |
| 2020/12/ 8 | ----- | 12-18 | 6-11 | 16-56 |
| 2020/12/ 9 | 0-17  | 12-56 | 6-12 | 16-57 |
| 2020/12/10 | 1-17  | 13-35 | 6-12 | 16-57 |
| 2020/12/11 | 2-19  | 14-15 | 6-13 | 16-57 |
| 2020/12/12 | 3-23  | 14-59 | 6-14 | 16-57 |
| 2020/12/13 | 4-29  | 15-48 | 6-14 | 16-58 |
| 2020/12/14 | 5-37  | 16-41 | 6-15 | 16-58 |
| 2020/12/15 | 6-44  | 17-40 | 6-15 | 16-59 |
| 2020/12/16 | 7-48  | 18-41 | 6-16 | 16-59 |
| 2020/12/17 | 8-45  | 19-44 | 6-16 | 16-59 |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2020/12/18 | 9-36  | 20-44 | 6-17 | 17- 0 |
| 2020/12/19 | 10-19 | 21-42 | 6-18 | 17- 0 |
| 2020/12/20 | 10-58 | 22-36 | 6-18 | 17- 1 |
| 2020/12/21 | 11-33 | 23-28 | 6-19 | 17- 1 |
| 2020/12/22 | 12- 5 | ----- | 6-19 | 17- 2 |
| 2020/12/23 | 12-37 | 0-18  | 6-20 | 17- 2 |
| 2020/12/24 | 13- 9 | 1- 8  | 6-20 | 17- 3 |
| 2020/12/25 | 13-41 | 1-57  | 6-20 | 17- 3 |
| 2020/12/26 | 14-16 | 2-48  | 6-21 | 17- 4 |
| 2020/12/27 | 14-55 | 3-41  | 6-21 | 17- 5 |
| 2020/12/28 | 15-38 | 4-34  | 6-22 | 17- 5 |
| 2020/12/29 | 16-25 | 5-30  | 6-22 | 17- 6 |
| 2020/12/30 | 17-18 | 6-24  | 6-22 | 17- 6 |
| 2020/12/31 | 18-14 | 7-18  | 6-23 | 17- 7 |

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