

Station: Bilaspur

Location: Longitude : 76.67 E Latitude : 31.25 N

| Date       | Moonrise | Moonset | Sunrise | Sunset |
|------------|----------|---------|---------|--------|
|            | h. m.    | h. m.   | h. m.   | h. m.  |
| 2020/12/27 | 15-22    | 4-37    | 7-21    | 17-29  |
| 2020/12/28 | 16- 2    | 5-35    | 7-21    | 17-29  |
| 2020/12/29 | 16-48    | 6-31    | 7-22    | 17-30  |
| 2020/12/30 | 17-41    | 7-28    | 7-22    | 17-31  |
| 2020/12/31 | 18-38    | 8-20    | 7-22    | 17-31  |
| 2021/ 1/ 1 | 19-40    | 9-10    | 7-22    | 17-32  |
| 2021/ 1/ 2 | 20-42    | 9-54    | 7-23    | 17-33  |
| 2021/ 1/ 3 | 21-46    | 10-33   | 7-23    | 17-34  |
| 2021/ 1/ 4 | 22-49    | 11- 9   | 7-23    | 17-34  |
| 2021/ 1/ 5 | 23-53    | 11-43   | 7-23    | 17-35  |
| 2021/ 1/ 6 | -----    | 12-16   | 7-23    | 17-36  |
| 2021/ 1/ 7 | 0-56     | 12-50   | 7-23    | 17-37  |
| 2021/ 1/ 8 | 2- 2     | 13-27   | 7-23    | 17-37  |
| 2021/ 1/ 9 | 3- 9     | 14- 7   | 7-23    | 17-38  |
| 2021/ 1/10 | 4-18     | 14-53   | 7-23    | 17-39  |
| 2021/ 1/11 | 5-27     | 15-46   | 7-23    | 17-40  |
| 2021/ 1/12 | 6-32     | 16-45   | 7-23    | 17-41  |
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| 2021/ 1/14 | 8-23     | 18-53   | 7-23    | 17-43  |
| 2021/ 1/15 | 9- 8     | 19-56   | 7-23    | 17-43  |
| 2021/ 1/16 | 9-46     | 20-57   | 7-23    | 17-44  |
| 2021/ 1/17 | 10-19    | 21-55   | 7-22    | 17-45  |
| 2021/ 1/18 | 10-49    | 22-50   | 7-22    | 17-46  |
| 2021/ 1/19 | 11-18    | 23-45   | 7-22    | 17-47  |
| 2021/ 1/20 | 11-46    | -----   | 7-22    | 17-48  |
| 2021/ 1/21 | 12-14    | 0-38    | 7-21    | 17-49  |
| 2021/ 1/22 | 12-45    | 1-32    | 7-21    | 17-50  |
| 2021/ 1/23 | 13-19    | 2-26    | 7-21    | 17-50  |
| 2021/ 1/24 | 13-57    | 3-23    | 7-20    | 17-51  |
| 2021/ 1/25 | 14-40    | 4-19    | 7-20    | 17-52  |
| 2021/ 1/26 | 15-30    | 5-17    | 7-19    | 17-53  |
| 2021/ 1/27 | 16-26    | 6-11    | 7-19    | 17-54  |
| 2021/ 1/28 | 17-27    | 7- 2    | 7-18    | 17-55  |
| 2021/ 1/29 | 18-31    | 7-49    | 7-18    | 17-56  |
| 2021/ 1/30 | 19-36    | 8-31    | 7-17    | 17-57  |
| 2021/ 1/31 | 20-41    | 9- 9    | 7-17    | 17-58  |
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| 2021/ 2/ 4 | -----    | 11-28   | 7-14    | 18- 1  |
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| 2021/ 2/12 | 7-41     | 18-42   | 7- 8    | 18- 8  |
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| 2021/ 2/14 | 8-48     | 20-38   | 7- 6    | 18-10  |

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

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

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

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2021/11/27 | ----- | 13- 2 | 7- 1 | 17-21 |
| 2021/11/28 | 0-13  | 13-35 | 7- 2 | 17-21 |
| 2021/11/29 | 1-15  | 14- 6 | 7- 3 | 17-21 |
| 2021/11/30 | 2-16  | 14-38 | 7- 3 | 17-21 |
| 2021/12/ 1 | 3-22  | 15-11 | 7- 4 | 17-21 |
| 2021/12/ 2 | 4-29  | 15-48 | 7- 5 | 17-21 |
| 2021/12/ 3 | 5-41  | 16-30 | 7- 6 | 17-21 |
| 2021/12/ 4 | 6-55  | 17-21 | 7- 7 | 17-21 |
| 2021/12/ 5 | 8- 9  | 18-19 | 7- 7 | 17-21 |
| 2021/12/ 6 | 9-19  | 19-25 | 7- 8 | 17-21 |
| 2021/12/ 7 | 10-20 | 20-34 | 7- 9 | 17-21 |
| 2021/12/ 8 | 11-11 | 21-44 | 7-10 | 17-21 |
| 2021/12/ 9 | 11-54 | 22-49 | 7-11 | 17-21 |
| 2021/12/10 | 12-30 | 23-52 | 7-11 | 17-21 |
| 2021/12/11 | 13- 1 | ----- | 7-12 | 17-21 |
| 2021/12/12 | 13-31 | 0-51  | 7-13 | 17-22 |
| 2021/12/13 | 13-58 | 1-48  | 7-13 | 17-22 |
| 2021/12/14 | 14-26 | 2-43  | 7-14 | 17-22 |
| 2021/12/15 | 14-55 | 3-38  | 7-15 | 17-23 |
| 2021/12/16 | 15-27 | 4-33  | 7-15 | 17-23 |
| 2021/12/17 | 16- 2 | 5-30  | 7-16 | 17-23 |
| 2021/12/18 | 16-41 | 6-26  | 7-16 | 17-24 |
| 2021/12/19 | 17-27 | 7-21  | 7-17 | 17-24 |
| 2021/12/20 | 18-17 | 8-14  | 7-18 | 17-25 |
| 2021/12/21 | 19-11 | 9- 4  | 7-18 | 17-25 |
| 2021/12/22 | 20- 8 | 9-48  | 7-19 | 17-26 |
| 2021/12/23 | 21- 7 | 10-27 | 7-19 | 17-26 |
| 2021/12/24 | 22- 6 | 11- 3 | 7-20 | 17-27 |
| 2021/12/25 | 23- 5 | 11-36 | 7-20 | 17-27 |
| 2021/12/26 | ----- | 12- 6 | 7-20 | 17-28 |
| 2021/12/27 | 0- 4  | 12-36 | 7-21 | 17-29 |
| 2021/12/28 | 1- 6  | 13- 8 | 7-21 | 17-29 |
| 2021/12/29 | 2- 9  | 13-42 | 7-21 | 17-30 |
| 2021/12/30 | 3-17  | 14-19 | 7-22 | 17-30 |
| 2021/12/31 | 4-27  | 15- 4 | 7-22 | 17-31 |

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