

Location: Bhavnagar  
 Longitude : 72.20 E Latitude : 21.75 N

| Date       | Moonrise | Moonset | Sunrise | Sunset |
|------------|----------|---------|---------|--------|
|            | h. m.    | h. m.   | h. m.   | h. m.  |
| 2023/12/20 | 13- 8    | 0-39    | 7-14    | 18- 3  |
| 2023/12/21 | 13-44    | 1-38    | 7-15    | 18- 3  |
| 2023/12/22 | 14-20    | 2-35    | 7-15    | 18- 4  |
| 2023/12/23 | 15- 0    | 3-35    | 7-16    | 18- 4  |
| 2023/12/24 | 15-44    | 4-35    | 7-16    | 18- 5  |
| 2023/12/25 | 16-32    | 5-37    | 7-17    | 18- 5  |
| 2023/12/26 | 17-26    | 6-37    | 7-17    | 18- 6  |
| 2023/12/27 | 18-22    | 7-35    | 7-18    | 18- 6  |
| 2023/12/28 | 19-20    | 8-27    | 7-18    | 18- 7  |
| 2023/12/29 | 20-16    | 9-14    | 7-19    | 18- 8  |
| 2023/12/30 | 21-10    | 9-55    | 7-19    | 18- 8  |
| 2023/12/31 | 22- 2    | 10-31   | 7-19    | 18- 9  |
| 2024/ 1/ 1 | 22-52    | 11- 4   | 7-20    | 18- 9  |
| 2024/ 1/ 2 | 23-41    | 11-35   | 7-20    | 18-10  |
| 2024/ 1/ 3 | -----    | 12- 5   | 7-20    | 18-11  |
| 2024/ 1/ 4 | 0-29     | 12-34   | 7-21    | 18-11  |
| 2024/ 1/ 5 | 1-19     | 13- 6   | 7-21    | 18-12  |
| 2024/ 1/ 6 | 2-11     | 13-41   | 7-21    | 18-13  |
| 2024/ 1/ 7 | 3- 6     | 14-20   | 7-21    | 18-13  |
| 2024/ 1/ 8 | 4- 5     | 15- 6   | 7-22    | 18-14  |
| 2024/ 1/ 9 | 5- 8     | 15-59   | 7-22    | 18-15  |
| 2024/ 1/10 | 6-12     | 17- 0   | 7-22    | 18-15  |
| 2024/ 1/11 | 7-15     | 18- 7   | 7-22    | 18-16  |
| 2024/ 1/12 | 8-13     | 19-16   | 7-22    | 18-17  |
| 2024/ 1/13 | 9- 4     | 20-24   | 7-22    | 18-17  |
| 2024/ 1/14 | 9-49     | 21-30   | 7-22    | 18-18  |
| 2024/ 1/15 | 10-30    | 22-31   | 7-22    | 18-19  |
| 2024/ 1/16 | 11- 8    | 23-32   | 7-22    | 18-19  |
| 2024/ 1/17 | 11-44    | -----   | 7-22    | 18-20  |
| 2024/ 1/18 | 12-21    | 0-31    | 7-22    | 18-21  |
| 2024/ 1/19 | 13- 0    | 1-30    | 7-22    | 18-21  |
| 2024/ 1/20 | 13-42    | 2-29    | 7-22    | 18-22  |
| 2024/ 1/21 | 14-28    | 3-30    | 7-22    | 18-23  |
| 2024/ 1/22 | 15-20    | 4-30    | 7-22    | 18-23  |
| 2024/ 1/23 | 16-14    | 5-28    | 7-22    | 18-24  |
| 2024/ 1/24 | 17-11    | 6-21    | 7-22    | 18-25  |
| 2024/ 1/25 | 18- 7    | 7- 9    | 7-22    | 18-25  |
| 2024/ 1/26 | 19- 2    | 7-52    | 7-21    | 18-26  |
| 2024/ 1/27 | 19-55    | 8-30    | 7-21    | 18-27  |
| 2024/ 1/28 | 20-45    | 9- 4    | 7-21    | 18-27  |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/ 1/29 | 21-35 | 9-35  | 7-21 | 18-28 |
| 2024/ 1/30 | 22-23 | 10- 5 | 7-20 | 18-29 |
| 2024/ 1/31 | 23-12 | 10-34 | 7-20 | 18-29 |
| 2024/ 2/ 1 | ----- | 11- 5 | 7-20 | 18-30 |
| 2024/ 2/ 2 | 0- 2  | 11-37 | 7-19 | 18-31 |
| 2024/ 2/ 3 | 0-54  | 12-13 | 7-19 | 18-31 |
| 2024/ 2/ 4 | 1-50  | 12-55 | 7-18 | 18-32 |
| 2024/ 2/ 5 | 2-50  | 13-43 | 7-18 | 18-32 |
| 2024/ 2/ 6 | 3-52  | 14-39 | 7-18 | 18-33 |
| 2024/ 2/ 7 | 4-55  | 15-43 | 7-17 | 18-34 |
| 2024/ 2/ 8 | 5-55  | 16-51 | 7-17 | 18-34 |
| 2024/ 2/ 9 | 6-49  | 18- 1 | 7-16 | 18-35 |
| 2024/ 2/10 | 7-39  | 19- 9 | 7-16 | 18-35 |
| 2024/ 2/11 | 8-22  | 20-15 | 7-15 | 18-36 |
| 2024/ 2/12 | 9- 2  | 21-18 | 7-15 | 18-37 |
| 2024/ 2/13 | 9-41  | 22-20 | 7-14 | 18-37 |
| 2024/ 2/14 | 10-18 | 23-22 | 7-13 | 18-38 |
| 2024/ 2/15 | 10-58 | ----- | 7-13 | 18-38 |
| 2024/ 2/16 | 11-40 | 0-22  | 7-12 | 18-39 |
| 2024/ 2/17 | 12-26 | 1-24  | 7-12 | 18-39 |
| 2024/ 2/18 | 13-16 | 2-25  | 7-11 | 18-40 |
| 2024/ 2/19 | 14- 9 | 3-24  | 7-10 | 18-40 |
| 2024/ 2/20 | 15- 5 | 4-18  | 7-10 | 18-41 |
| 2024/ 2/21 | 16- 1 | 5- 7  | 7- 9 | 18-41 |
| 2024/ 2/22 | 16-56 | 5-51  | 7- 8 | 18-42 |
| 2024/ 2/23 | 17-50 | 6-30  | 7- 7 | 18-42 |
| 2024/ 2/24 | 18-41 | 7- 5  | 7- 7 | 18-43 |
| 2024/ 2/25 | 19-31 | 7-37  | 7- 6 | 18-43 |
| 2024/ 2/26 | 20-19 | 8- 7  | 7- 5 | 18-44 |
| 2024/ 2/27 | 21- 7 | 8-36  | 7- 4 | 18-44 |
| 2024/ 2/28 | 21-57 | 9- 6  | 7- 4 | 18-44 |
| 2024/ 2/29 | 22-48 | 9-38  | 7- 3 | 18-45 |
| 2024/ 3/ 1 | 23-42 | 10-11 | 7- 2 | 18-45 |
| 2024/ 3/ 2 | ----- | 10-50 | 7- 1 | 18-46 |
| 2024/ 3/ 3 | 0-38  | 11-34 | 7- 0 | 18-46 |
| 2024/ 3/ 4 | 1-38  | 12-25 | 6-59 | 18-46 |
| 2024/ 3/ 5 | 2-39  | 13-24 | 6-59 | 18-47 |
| 2024/ 3/ 6 | 3-39  | 14-28 | 6-58 | 18-47 |
| 2024/ 3/ 7 | 4-34  | 15-36 | 6-57 | 18-48 |
| 2024/ 3/ 8 | 5-25  | 16-44 | 6-56 | 18-48 |
| 2024/ 3/ 9 | 6-10  | 17-51 | 6-55 | 18-48 |
| 2024/ 3/10 | 6-52  | 18-56 | 6-54 | 18-49 |
| 2024/ 3/11 | 7-32  | 20- 0 | 6-53 | 18-49 |
| 2024/ 3/12 | 8-11  | 21- 4 | 6-52 | 18-50 |
| 2024/ 3/13 | 8-51  | 22- 7 | 6-51 | 18-50 |
| 2024/ 3/14 | 9-34  | 23-12 | 6-51 | 18-50 |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/ 3/15 | 10-19 | ----- | 6-50 | 18-51 |
| 2024/ 3/16 | 11- 9 | 0-15  | 6-49 | 18-51 |
| 2024/ 3/17 | 12- 3 | 1-17  | 6-48 | 18-51 |
| 2024/ 3/18 | 12-59 | 2-13  | 6-47 | 18-52 |
| 2024/ 3/19 | 13-56 | 3- 5  | 6-46 | 18-52 |
| 2024/ 3/20 | 14-51 | 3-51  | 6-45 | 18-52 |
| 2024/ 3/21 | 15-45 | 4-31  | 6-44 | 18-53 |
| 2024/ 3/22 | 16-37 | 5- 7  | 6-43 | 18-53 |
| 2024/ 3/23 | 17-27 | 5-40  | 6-42 | 18-53 |
| 2024/ 3/24 | 18-15 | 6-10  | 6-41 | 18-54 |
| 2024/ 3/25 | 19- 4 | 6-39  | 6-40 | 18-54 |
| 2024/ 3/26 | 19-53 | 7- 9  | 6-39 | 18-54 |
| 2024/ 3/27 | 20-44 | 7-40  | 6-38 | 18-55 |
| 2024/ 3/28 | 21-37 | 8-12  | 6-37 | 18-55 |
| 2024/ 3/29 | 22-33 | 8-49  | 6-37 | 18-55 |
| 2024/ 3/30 | 23-31 | 9-32  | 6-36 | 18-56 |
| 2024/ 3/31 | ----- | 10-19 | 6-35 | 18-56 |
| 2024/ 4/ 1 | 0-30  | 11-14 | 6-34 | 18-56 |
| 2024/ 4/ 2 | 1-29  | 12-14 | 6-33 | 18-57 |
| 2024/ 4/ 3 | 2-24  | 13-19 | 6-32 | 18-57 |
| 2024/ 4/ 4 | 3-15  | 14-24 | 6-31 | 18-57 |
| 2024/ 4/ 5 | 4- 1  | 15-30 | 6-30 | 18-58 |
| 2024/ 4/ 6 | 4-43  | 16-34 | 6-29 | 18-58 |
| 2024/ 4/ 7 | 5-23  | 17-38 | 6-28 | 18-58 |
| 2024/ 4/ 8 | 6- 2  | 18-41 | 6-27 | 18-59 |
| 2024/ 4/ 9 | 6-41  | 19-46 | 6-27 | 18-59 |
| 2024/ 4/10 | 7-23  | 20-51 | 6-26 | 18-59 |
| 2024/ 4/11 | 8- 8  | 21-57 | 6-25 | 19- 0 |
| 2024/ 4/12 | 8-58  | 23- 2 | 6-24 | 19- 0 |
| 2024/ 4/13 | 9-52  | ----- | 6-23 | 19- 0 |
| 2024/ 4/14 | 10-49 | 0- 3  | 6-22 | 19- 1 |
| 2024/ 4/15 | 11-47 | 0-58  | 6-21 | 19- 1 |
| 2024/ 4/16 | 12-44 | 1-47  | 6-21 | 19- 1 |
| 2024/ 4/17 | 13-39 | 2-30  | 6-20 | 19- 2 |
| 2024/ 4/18 | 14-32 | 3- 7  | 6-19 | 19- 2 |
| 2024/ 4/19 | 15-22 | 3-41  | 6-18 | 19- 3 |
| 2024/ 4/20 | 16-11 | 4-12  | 6-17 | 19- 3 |
| 2024/ 4/21 | 17- 0 | 4-41  | 6-17 | 19- 3 |
| 2024/ 4/22 | 17-49 | 5-11  | 6-16 | 19- 4 |
| 2024/ 4/23 | 18-39 | 5-42  | 6-15 | 19- 4 |
| 2024/ 4/24 | 19-32 | 6-14  | 6-14 | 19- 4 |
| 2024/ 4/25 | 20-27 | 6-50  | 6-14 | 19- 5 |
| 2024/ 4/26 | 21-26 | 7-31  | 6-13 | 19- 5 |
| 2024/ 4/27 | 22-25 | 8-17  | 6-12 | 19- 6 |
| 2024/ 4/28 | 23-24 | 9-10  | 6-12 | 19- 6 |
| 2024/ 4/29 | ----- | 10- 8 | 6-11 | 19- 6 |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/ 4/30 | 0-19  | 11-10 | 6-10 | 19- 7 |
| 2024/ 5/ 1 | 1-11  | 12-14 | 6-10 | 19- 7 |
| 2024/ 5/ 2 | 1-57  | 13-17 | 6- 9 | 19- 8 |
| 2024/ 5/ 3 | 2-39  | 14-19 | 6- 8 | 19- 8 |
| 2024/ 5/ 4 | 3-18  | 15-21 | 6- 8 | 19- 8 |
| 2024/ 5/ 5 | 3-56  | 16-22 | 6- 7 | 19- 9 |
| 2024/ 5/ 6 | 4-33  | 17-25 | 6- 7 | 19- 9 |
| 2024/ 5/ 7 | 5-13  | 18-29 | 6- 6 | 19-10 |
| 2024/ 5/ 8 | 5-56  | 19-36 | 6- 5 | 19-10 |
| 2024/ 5/ 9 | 6-44  | 20-41 | 6- 5 | 19-11 |
| 2024/ 5/10 | 7-37  | 21-46 | 6- 4 | 19-11 |
| 2024/ 5/11 | 8-34  | 22-45 | 6- 4 | 19-12 |
| 2024/ 5/12 | 9-33  | 23-39 | 6- 4 | 19-12 |
| 2024/ 5/13 | 10-32 | ----- | 6- 3 | 19-12 |
| 2024/ 5/14 | 11-30 | 0-25  | 6- 3 | 19-13 |
| 2024/ 5/15 | 12-24 | 1- 5  | 6- 2 | 19-13 |
| 2024/ 5/16 | 13-16 | 1-41  | 6- 2 | 19-14 |
| 2024/ 5/17 | 14- 5 | 2-12  | 6- 1 | 19-14 |
| 2024/ 5/18 | 14-54 | 2-42  | 6- 1 | 19-15 |
| 2024/ 5/19 | 15-42 | 3-12  | 6- 1 | 19-15 |
| 2024/ 5/20 | 16-32 | 3-42  | 6- 0 | 19-16 |
| 2024/ 5/21 | 17-24 | 4-13  | 6- 0 | 19-16 |
| 2024/ 5/22 | 18-19 | 4-48  | 6- 0 | 19-16 |
| 2024/ 5/23 | 19-17 | 5-28  | 6- 0 | 19-17 |
| 2024/ 5/24 | 20-17 | 6-12  | 5-59 | 19-17 |
| 2024/ 5/25 | 21-17 | 7- 4  | 5-59 | 19-18 |
| 2024/ 5/26 | 22-15 | 8- 2  | 5-59 | 19-18 |
| 2024/ 5/27 | 23- 8 | 9- 4  | 5-59 | 19-19 |
| 2024/ 5/28 | 23-56 | 10- 7 | 5-58 | 19-19 |
| 2024/ 5/29 | ----- | 11-11 | 5-58 | 19-19 |
| 2024/ 5/30 | 0-38  | 12-13 | 5-58 | 19-20 |
| 2024/ 5/31 | 1-18  | 13-13 | 5-58 | 19-20 |
| 2024/ 6/ 1 | 1-55  | 14-12 | 5-58 | 19-21 |
| 2024/ 6/ 2 | 2-31  | 15-13 | 5-58 | 19-21 |
| 2024/ 6/ 3 | 3- 9  | 16-14 | 5-58 | 19-22 |
| 2024/ 6/ 4 | 3-49  | 17-18 | 5-58 | 19-22 |
| 2024/ 6/ 5 | 4-33  | 18-23 | 5-58 | 19-22 |
| 2024/ 6/ 6 | 5-24  | 19-28 | 5-58 | 19-23 |
| 2024/ 6/ 7 | 6-19  | 20-30 | 5-58 | 19-23 |
| 2024/ 6/ 8 | 7-18  | 21-27 | 5-58 | 19-23 |
| 2024/ 6/ 9 | 8-18  | 22-17 | 5-58 | 19-24 |
| 2024/ 6/10 | 9-17  | 23- 0 | 5-58 | 19-24 |
| 2024/ 6/11 | 10-13 | 23-38 | 5-58 | 19-25 |
| 2024/ 6/12 | 11- 7 | ----- | 5-58 | 19-25 |
| 2024/ 6/13 | 11-58 | 0-11  | 5-58 | 19-25 |
| 2024/ 6/14 | 12-46 | 0-42  | 5-58 | 19-25 |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/ 6/15 | 13-35 | 1-12  | 5-58 | 19-26 |
| 2024/ 6/16 | 14-24 | 1-42  | 5-58 | 19-26 |
| 2024/ 6/17 | 15-15 | 2-12  | 5-58 | 19-26 |
| 2024/ 6/18 | 16- 8 | 2-45  | 5-59 | 19-27 |
| 2024/ 6/19 | 17- 5 | 3-23  | 5-59 | 19-27 |
| 2024/ 6/20 | 18- 4 | 4- 5  | 5-59 | 19-27 |
| 2024/ 6/21 | 19- 6 | 4-55  | 5-59 | 19-27 |
| 2024/ 6/22 | 20- 6 | 5-51  | 5-59 | 19-27 |
| 2024/ 6/23 | 21- 2 | 6-53  | 6- 0 | 19-28 |
| 2024/ 6/24 | 21-53 | 7-58  | 6- 0 | 19-28 |
| 2024/ 6/25 | 22-37 | 9- 3  | 6- 0 | 19-28 |
| 2024/ 6/26 | 23-18 | 10- 7 | 6- 0 | 19-28 |
| 2024/ 6/27 | 23-56 | 11- 8 | 6- 1 | 19-28 |
| 2024/ 6/28 | ----- | 12- 7 | 6- 1 | 19-28 |
| 2024/ 6/29 | 0-32  | 13- 7 | 6- 1 | 19-28 |
| 2024/ 6/30 | 1- 9  | 14- 6 | 6- 2 | 19-28 |
| 2024/ 7/ 1 | 1-47  | 15- 8 | 6- 2 | 19-29 |
| 2024/ 7/ 2 | 2-29  | 16-11 | 6- 2 | 19-29 |
| 2024/ 7/ 3 | 3-16  | 17-15 | 6- 3 | 19-29 |
| 2024/ 7/ 4 | 4- 8  | 18-17 | 6- 3 | 19-29 |
| 2024/ 7/ 5 | 5- 5  | 19-16 | 6- 3 | 19-29 |
| 2024/ 7/ 6 | 6- 5  | 20- 8 | 6- 4 | 19-29 |
| 2024/ 7/ 7 | 7- 5  | 20-54 | 6- 4 | 19-29 |
| 2024/ 7/ 8 | 8- 2  | 21-34 | 6- 4 | 19-28 |
| 2024/ 7/ 9 | 8-57  | 22- 9 | 6- 5 | 19-28 |
| 2024/ 7/10 | 9-49  | 22-41 | 6- 5 | 19-28 |
| 2024/ 7/11 | 10-39 | 23-11 | 6- 6 | 19-28 |
| 2024/ 7/12 | 11-28 | 23-41 | 6- 6 | 19-28 |
| 2024/ 7/13 | 12-16 | ----- | 6- 6 | 19-28 |
| 2024/ 7/14 | 13- 6 | 0-10  | 6- 7 | 19-28 |
| 2024/ 7/15 | 13-57 | 0-42  | 6- 7 | 19-27 |
| 2024/ 7/16 | 14-52 | 1-18  | 6- 7 | 19-27 |
| 2024/ 7/17 | 15-50 | 1-57  | 6- 8 | 19-27 |
| 2024/ 7/18 | 16-50 | 2-43  | 6- 8 | 19-27 |
| 2024/ 7/19 | 17-51 | 3-37  | 6- 9 | 19-26 |
| 2024/ 7/20 | 18-49 | 4-36  | 6- 9 | 19-26 |
| 2024/ 7/21 | 19-44 | 5-42  | 6- 9 | 19-26 |
| 2024/ 7/22 | 20-32 | 6-48  | 6-10 | 19-25 |
| 2024/ 7/23 | 21-15 | 7-54  | 6-10 | 19-25 |
| 2024/ 7/24 | 21-55 | 8-58  | 6-11 | 19-25 |
| 2024/ 7/25 | 22-32 | 10- 0 | 6-11 | 19-24 |
| 2024/ 7/26 | 23- 9 | 11- 1 | 6-12 | 19-24 |
| 2024/ 7/27 | 23-47 | 12- 1 | 6-12 | 19-23 |
| 2024/ 7/28 | ----- | 13- 2 | 6-12 | 19-23 |
| 2024/ 7/29 | 0-28  | 14- 5 | 6-13 | 19-23 |
| 2024/ 7/30 | 1-13  | 15- 8 | 6-13 | 19-22 |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/ 7/31 | 2- 3  | 16-10 | 6-14 | 19-22 |
| 2024/ 8/ 1 | 2-58  | 17- 9 | 6-14 | 19-21 |
| 2024/ 8/ 2 | 3-56  | 18- 2 | 6-14 | 19-20 |
| 2024/ 8/ 3 | 4-55  | 18-50 | 6-15 | 19-20 |
| 2024/ 8/ 4 | 5-53  | 19-32 | 6-15 | 19-19 |
| 2024/ 8/ 5 | 6-49  | 20- 8 | 6-15 | 19-19 |
| 2024/ 8/ 6 | 7-42  | 20-41 | 6-16 | 19-18 |
| 2024/ 8/ 7 | 8-32  | 21-12 | 6-16 | 19-17 |
| 2024/ 8/ 8 | 9-21  | 21-41 | 6-17 | 19-17 |
| 2024/ 8/ 9 | 10- 9 | 22-10 | 6-17 | 19-16 |
| 2024/ 8/10 | 10-58 | 22-41 | 6-17 | 19-16 |
| 2024/ 8/11 | 11-49 | 23-14 | 6-18 | 19-15 |
| 2024/ 8/12 | 12-41 | 23-51 | 6-18 | 19-14 |
| 2024/ 8/13 | 13-37 | ----- | 6-18 | 19-13 |
| 2024/ 8/14 | 14-35 | 0-33  | 6-19 | 19-13 |
| 2024/ 8/15 | 15-35 | 1-23  | 6-19 | 19-12 |
| 2024/ 8/16 | 16-34 | 2-19  | 6-19 | 19-11 |
| 2024/ 8/17 | 17-30 | 3-21  | 6-20 | 19-10 |
| 2024/ 8/18 | 18-21 | 4-27  | 6-20 | 19-10 |
| 2024/ 8/19 | 19- 7 | 5-35  | 6-20 | 19- 9 |
| 2024/ 8/20 | 19-49 | 6-40  | 6-21 | 19- 8 |
| 2024/ 8/21 | 20-28 | 7-45  | 6-21 | 19- 7 |
| 2024/ 8/22 | 21- 6 | 8-48  | 6-21 | 19- 6 |
| 2024/ 8/23 | 21-45 | 9-51  | 6-22 | 19- 5 |
| 2024/ 8/24 | 22-26 | 10-53 | 6-22 | 19- 5 |
| 2024/ 8/25 | 23-11 | 11-57 | 6-22 | 19- 4 |
| 2024/ 8/26 | 23-59 | 13- 1 | 6-22 | 19- 3 |
| 2024/ 8/27 | ----- | 14- 4 | 6-23 | 19- 2 |
| 2024/ 8/28 | 0-53  | 15- 4 | 6-23 | 19- 1 |
| 2024/ 8/29 | 1-50  | 15-59 | 6-23 | 19- 0 |
| 2024/ 8/30 | 2-49  | 16-48 | 6-24 | 18-59 |
| 2024/ 8/31 | 3-47  | 17-31 | 6-24 | 18-58 |
| 2024/ 9/ 1 | 4-43  | 18- 9 | 6-24 | 18-57 |
| 2024/ 9/ 2 | 5-37  | 18-42 | 6-24 | 18-57 |
| 2024/ 9/ 3 | 6-27  | 19-14 | 6-25 | 18-56 |
| 2024/ 9/ 4 | 7-17  | 19-43 | 6-25 | 18-55 |
| 2024/ 9/ 5 | 8- 5  | 20-12 | 6-25 | 18-54 |
| 2024/ 9/ 6 | 8-53  | 20-42 | 6-26 | 18-53 |
| 2024/ 9/ 7 | 9-43  | 21-14 | 6-26 | 18-52 |
| 2024/ 9/ 8 | 10-34 | 21-49 | 6-26 | 18-51 |
| 2024/ 9/ 9 | 11-28 | 22-28 | 6-26 | 18-50 |
| 2024/ 9/10 | 12-24 | 23-14 | 6-27 | 18-49 |
| 2024/ 9/11 | 13-22 | ----- | 6-27 | 18-48 |
| 2024/ 9/12 | 14-20 | 0- 5  | 6-27 | 18-47 |
| 2024/ 9/13 | 15-16 | 1- 4  | 6-27 | 18-46 |
| 2024/ 9/14 | 16- 8 | 2- 7  | 6-28 | 18-45 |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/ 9/15 | 16-56 | 3-12  | 6-28 | 18-44 |
| 2024/ 9/16 | 17-39 | 4-18  | 6-28 | 18-43 |
| 2024/ 9/17 | 18-19 | 5-24  | 6-28 | 18-42 |
| 2024/ 9/18 | 18-59 | 6-28  | 6-29 | 18-41 |
| 2024/ 9/19 | 19-38 | 7-32  | 6-29 | 18-40 |
| 2024/ 9/20 | 20-19 | 8-36  | 6-29 | 18-39 |
| 2024/ 9/21 | 21- 4 | 9-42  | 6-30 | 18-38 |
| 2024/ 9/22 | 21-53 | 10-49 | 6-30 | 18-37 |
| 2024/ 9/23 | 22-46 | 11-55 | 6-30 | 18-36 |
| 2024/ 9/24 | 23-44 | 12-58 | 6-30 | 18-35 |
| 2024/ 9/25 | ----- | 13-56 | 6-31 | 18-34 |
| 2024/ 9/26 | 0-43  | 14-46 | 6-31 | 18-33 |
| 2024/ 9/27 | 1-42  | 15-31 | 6-31 | 18-32 |
| 2024/ 9/28 | 2-38  | 16-10 | 6-31 | 18-31 |
| 2024/ 9/29 | 3-32  | 16-45 | 6-32 | 18-30 |
| 2024/ 9/30 | 4-23  | 17-16 | 6-32 | 18-29 |
| 2024/10/ 1 | 5-13  | 17-46 | 6-32 | 18-28 |
| 2024/10/ 2 | 6- 2  | 18-15 | 6-33 | 18-28 |
| 2024/10/ 3 | 6-50  | 18-45 | 6-33 | 18-27 |
| 2024/10/ 4 | 7-39  | 19-16 | 6-33 | 18-26 |
| 2024/10/ 5 | 8-29  | 19-50 | 6-34 | 18-25 |
| 2024/10/ 6 | 9-23  | 20-27 | 6-34 | 18-24 |
| 2024/10/ 7 | 10-18 | 21-10 | 6-34 | 18-23 |
| 2024/10/ 8 | 11-15 | 21-59 | 6-35 | 18-22 |
| 2024/10/ 9 | 12-11 | 22-53 | 6-35 | 18-21 |
| 2024/10/10 | 13- 7 | 23-53 | 6-35 | 18-20 |
| 2024/10/11 | 13-59 | ----- | 6-36 | 18-19 |
| 2024/10/12 | 14-46 | 0-55  | 6-36 | 18-19 |
| 2024/10/13 | 15-30 | 1-59  | 6-36 | 18-18 |
| 2024/10/14 | 16-11 | 3- 3  | 6-37 | 18-17 |
| 2024/10/15 | 16-50 | 4- 6  | 6-37 | 18-16 |
| 2024/10/16 | 17-29 | 5- 9  | 6-37 | 18-15 |
| 2024/10/17 | 18- 9 | 6-13  | 6-38 | 18-14 |
| 2024/10/18 | 18-52 | 7-19  | 6-38 | 18-14 |
| 2024/10/19 | 19-40 | 8-27  | 6-39 | 18-13 |
| 2024/10/20 | 20-33 | 9-36  | 6-39 | 18-12 |
| 2024/10/21 | 21-32 | 10-43 | 6-39 | 18-11 |
| 2024/10/22 | 22-32 | 11-45 | 6-40 | 18-11 |
| 2024/10/23 | 23-33 | 12-41 | 6-40 | 18-10 |
| 2024/10/24 | ----- | 13-29 | 6-41 | 18- 9 |
| 2024/10/25 | 0-31  | 14-10 | 6-41 | 18- 9 |
| 2024/10/26 | 1-27  | 14-46 | 6-42 | 18- 8 |
| 2024/10/27 | 2-19  | 15-19 | 6-42 | 18- 7 |
| 2024/10/28 | 3-10  | 15-49 | 6-43 | 18- 7 |
| 2024/10/29 | 3-58  | 16-18 | 6-43 | 18- 6 |
| 2024/10/30 | 4-46  | 16-47 | 6-44 | 18- 6 |

|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/10/31 | 5-35  | 17-18 | 6-44 | 18- 5 |
| 2024/11/ 1 | 6-25  | 17-51 | 6-45 | 18- 4 |
| 2024/11/ 2 | 7-18  | 18-27 | 6-45 | 18- 4 |
| 2024/11/ 3 | 8-13  | 19- 9 | 6-46 | 18- 3 |
| 2024/11/ 4 | 9-10  | 19-56 | 6-46 | 18- 3 |
| 2024/11/ 5 | 10- 6 | 20-49 | 6-47 | 18- 2 |
| 2024/11/ 6 | 11- 2 | 21-47 | 6-47 | 18- 2 |
| 2024/11/ 7 | 11-54 | 22-47 | 6-48 | 18- 1 |
| 2024/11/ 8 | 12-42 | 23-48 | 6-49 | 18- 1 |
| 2024/11/ 9 | 13-26 | ----- | 6-49 | 18- 1 |
| 2024/11/10 | 14- 6 | 0-49  | 6-50 | 18- 0 |
| 2024/11/11 | 14-44 | 1-50  | 6-50 | 18- 0 |
| 2024/11/12 | 15-21 | 2-51  | 6-51 | 18- 0 |
| 2024/11/13 | 15-59 | 3-53  | 6-51 | 17-59 |
| 2024/11/14 | 16-40 | 4-56  | 6-52 | 17-59 |
| 2024/11/15 | 17-26 | 6- 2  | 6-53 | 17-59 |
| 2024/11/16 | 18-16 | 7-11  | 6-53 | 17-58 |
| 2024/11/17 | 19-14 | 8-20  | 6-54 | 17-58 |
| 2024/11/18 | 20-15 | 9-27  | 6-55 | 17-58 |
| 2024/11/19 | 21-18 | 10-27 | 6-55 | 17-58 |
| 2024/11/20 | 22-19 | 11-20 | 6-56 | 17-58 |
| 2024/11/21 | 23-18 | 12- 5 | 6-57 | 17-58 |
| 2024/11/22 | ----- | 12-44 | 6-57 | 17-57 |
| 2024/11/23 | 0-12  | 13-19 | 6-58 | 17-57 |
| 2024/11/24 | 1- 4  | 13-50 | 6-59 | 17-57 |
| 2024/11/25 | 1-53  | 14-19 | 6-59 | 17-57 |
| 2024/11/26 | 2-41  | 14-49 | 7- 0 | 17-57 |
| 2024/11/27 | 3-30  | 15-19 | 7- 1 | 17-57 |
| 2024/11/28 | 4-19  | 15-51 | 7- 1 | 17-57 |
| 2024/11/29 | 5-11  | 16-26 | 7- 2 | 17-57 |
| 2024/11/30 | 6- 6  | 17- 7 | 7- 3 | 17-57 |
| 2024/12/ 1 | 7- 2  | 17-53 | 7- 3 | 17-57 |
| 2024/12/ 2 | 8- 0  | 18-44 | 7- 4 | 17-58 |
| 2024/12/ 3 | 8-57  | 19-41 | 7- 5 | 17-58 |
| 2024/12/ 4 | 9-51  | 20-41 | 7- 5 | 17-58 |
| 2024/12/ 5 | 10-40 | 21-43 | 7- 6 | 17-58 |
| 2024/12/ 6 | 11-25 | 22-43 | 7- 7 | 17-58 |
| 2024/12/ 7 | 12- 5 | 23-43 | 7- 7 | 17-58 |
| 2024/12/ 8 | 12-43 | ----- | 7- 8 | 17-59 |
| 2024/12/ 9 | 13-19 | 0-42  | 7- 8 | 17-59 |
| 2024/12/10 | 13-55 | 1-41  | 7- 9 | 17-59 |
| 2024/12/11 | 14-33 | 2-41  | 7-10 | 18- 0 |
| 2024/12/12 | 15-15 | 3-44  | 7-10 | 18- 0 |
| 2024/12/13 | 16- 2 | 4-49  | 7-11 | 18- 0 |
| 2024/12/14 | 16-56 | 5-57  | 7-12 | 18- 1 |
| 2024/12/15 | 17-55 | 7- 5  | 7-12 | 18- 1 |



|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/12/16 | 18-58 | 8- 9  | 7-13 | 18- 1 |
| 2024/12/17 | 20- 2 | 9- 6  | 7-13 | 18- 2 |
| 2024/12/18 | 21- 3 | 9-56  | 7-14 | 18- 2 |
| 2024/12/19 | 22- 1 | 10-38 | 7-14 | 18- 3 |
| 2024/12/20 | 22-54 | 11-16 | 7-15 | 18- 3 |
| 2024/12/21 | 23-46 | 11-49 | 7-15 | 18- 4 |
| 2024/12/22 | ----- | 12-19 | 7-16 | 18- 4 |
| 2024/12/23 | 0-34  | 12-48 | 7-16 | 18- 5 |
| 2024/12/24 | 1-23  | 13-18 | 7-17 | 18- 5 |
| 2024/12/25 | 2-12  | 13-50 | 7-17 | 18- 6 |
| 2024/12/26 | 3- 3  | 14-23 | 7-18 | 18- 6 |
| 2024/12/27 | 3-56  | 15- 2 | 7-18 | 18- 7 |
| 2024/12/28 | 4-52  | 15-46 | 7-19 | 18- 7 |
| 2024/12/29 | 5-50  | 16-35 | 7-19 | 18- 8 |
| 2024/12/30 | 6-47  | 17-31 | 7-19 | 18- 9 |
| 2024/12/31 | 7-44  | 18-31 | 7-20 | 18- 9 |
| 2025/ 1/ 1 | 8-36  | 19-35 | 7-20 | 18-10 |
| 2025/ 1/ 2 | 9-23  | 20-37 | 7-20 | 18-10 |
| 2025/ 1/ 3 | 10- 5 | 21-38 | 7-21 | 18-11 |
| 2025/ 1/ 4 | 10-44 | 22-37 | 7-21 | 18-12 |
| 2025/ 1/ 5 | 11-21 | 23-36 | 7-21 | 18-12 |
| 2025/ 1/ 6 | 11-56 | ----- | 7-21 | 18-13 |
| 2025/ 1/ 7 | 12-32 | 0-35  | 7-21 | 18-14 |
| 2025/ 1/ 8 | 13-12 | 1-35  | 7-22 | 18-14 |
| 2025/ 1/ 9 | 13-56 | 2-37  | 7-22 | 18-15 |
| 2025/ 1/10 | 14-45 | 3-43  | 7-22 | 18-16 |
| 2025/ 1/11 | 15-40 | 4-48  | 7-22 | 18-16 |
| 2025/ 1/12 | 16-41 | 5-53  | 7-22 | 18-17 |
| 2025/ 1/13 | 17-44 | 6-52  | 7-22 | 18-18 |
| 2025/ 1/14 | 18-46 | 7-45  | 7-22 | 18-18 |
| 2025/ 1/15 | 19-46 | 8-31  | 7-22 | 18-19 |
| 2025/ 1/16 | 20-42 | 9-11  | 7-22 | 18-20 |
| 2025/ 1/17 | 21-35 | 9-46  | 7-22 | 18-20 |
| 2025/ 1/18 | 22-25 | 10-17 | 7-22 | 18-21 |
| 2025/ 1/19 | 23-15 | 10-47 | 7-22 | 18-22 |
| 2025/ 1/20 | ----- | 11-17 | 7-22 | 18-23 |
| 2025/ 1/21 | 0- 3  | 11-48 | 7-22 | 18-23 |
| 2025/ 1/22 | 0-53  | 12-20 | 7-22 | 18-24 |

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