

Location: Akola

Longitude : 77.07 E Latitude : 20.70 N

| Date       | Moonrise | Moonset | Sunrise | Sunset |
|------------|----------|---------|---------|--------|
|            | h. m.    | h. m.   | h. m.   | h. m.  |
| 2023/12/20 | 12-47    | 0-19    | 6-53    | 17-46  |
| 2023/12/21 | 13-24    | 1-17    | 6-53    | 17-46  |
| 2023/12/22 | 14- 2    | 2-14    | 6-54    | 17-47  |
| 2023/12/23 | 14-42    | 3-13    | 6-54    | 17-47  |
| 2023/12/24 | 15-26    | 4-13    | 6-55    | 17-48  |
| 2023/12/25 | 16-15    | 5-14    | 6-55    | 17-48  |
| 2023/12/26 | 17- 8    | 6-14    | 6-56    | 17-49  |
| 2023/12/27 | 18- 4    | 7-12    | 6-56    | 17-49  |
| 2023/12/28 | 19- 2    | 8- 4    | 6-56    | 17-50  |
| 2023/12/29 | 19-58    | 8-51    | 6-57    | 17-50  |
| 2023/12/30 | 20-52    | 9-33    | 6-57    | 17-51  |
| 2023/12/31 | 21-43    | 10-10   | 6-58    | 17-52  |
| 2024/ 1/ 1 | 22-32    | 10-43   | 6-58    | 17-52  |
| 2024/ 1/ 2 | 23-21    | 11-15   | 6-58    | 17-53  |
| 2024/ 1/ 3 | -----    | 11-45   | 6-59    | 17-53  |
| 2024/ 1/ 4 | 0- 9     | 12-15   | 6-59    | 17-54  |
| 2024/ 1/ 5 | 0-58     | 12-47   | 6-59    | 17-55  |
| 2024/ 1/ 6 | 1-49     | 13-22   | 6-59    | 17-55  |
| 2024/ 1/ 7 | 2-44     | 14- 2   | 7- 0    | 17-56  |
| 2024/ 1/ 8 | 3-43     | 14-48   | 7- 0    | 17-57  |
| 2024/ 1/ 9 | 4-45     | 15-42   | 7- 0    | 17-57  |
| 2024/ 1/10 | 5-50     | 16-42   | 7- 0    | 17-58  |
| 2024/ 1/11 | 6-52     | 17-49   | 7- 0    | 17-59  |
| 2024/ 1/12 | 7-50     | 18-58   | 7- 1    | 17-59  |
| 2024/ 1/13 | 8-42     | 20- 5   | 7- 1    | 18- 0  |
| 2024/ 1/14 | 9-28     | 21-10   | 7- 1    | 18- 1  |
| 2024/ 1/15 | 10- 9    | 22-12   | 7- 1    | 18- 1  |
| 2024/ 1/16 | 10-47    | 23-11   | 7- 1    | 18- 2  |
| 2024/ 1/17 | 11-25    | -----   | 7- 1    | 18- 2  |
| 2024/ 1/18 | 12- 2    | 0-10    | 7- 1    | 18- 3  |
| 2024/ 1/19 | 12-41    | 1- 8    | 7- 1    | 18- 4  |
| 2024/ 1/20 | 13-24    | 2- 7    | 7- 1    | 18- 4  |
| 2024/ 1/21 | 14-11    | 3- 7    | 7- 1    | 18- 5  |
| 2024/ 1/22 | 15- 2    | 4- 7    | 7- 1    | 18- 6  |
| 2024/ 1/23 | 15-57    | 5- 5    | 7- 0    | 18- 6  |
| 2024/ 1/24 | 16-53    | 5-58    | 7- 0    | 18- 7  |
| 2024/ 1/25 | 17-49    | 6-47    | 7- 0    | 18- 8  |
| 2024/ 1/26 | 18-44    | 7-30    | 7- 0    | 18- 8  |
| 2024/ 1/27 | 19-37    | 8- 8    | 7- 0    | 18- 9  |
| 2024/ 1/28 | 20-26    | 8-43    | 7- 0    | 18-10  |

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

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

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

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

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

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

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



|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/12/16 | 18-40 | 7-46  | 6-51 | 17-44 |
| 2024/12/17 | 19-44 | 8-43  | 6-51 | 17-45 |
| 2024/12/18 | 20-45 | 9-34  | 6-52 | 17-45 |
| 2024/12/19 | 21-42 | 10-17 | 6-53 | 17-46 |
| 2024/12/20 | 22-35 | 10-54 | 6-53 | 17-46 |
| 2024/12/21 | 23-26 | 11-28 | 6-54 | 17-46 |
| 2024/12/22 | ----- | 11-59 | 6-54 | 17-47 |
| 2024/12/23 | 0-14  | 12-29 | 6-55 | 17-48 |
| 2024/12/24 | 1- 2  | 12-59 | 6-55 | 17-48 |
| 2024/12/25 | 1-51  | 13-31 | 6-55 | 17-49 |
| 2024/12/26 | 2-41  | 14- 5 | 6-56 | 17-49 |
| 2024/12/27 | 3-34  | 14-44 | 6-56 | 17-50 |
| 2024/12/28 | 4-29  | 15-28 | 6-57 | 17-50 |
| 2024/12/29 | 5-27  | 16-18 | 6-57 | 17-51 |
| 2024/12/30 | 6-24  | 17-14 | 6-58 | 17-51 |
| 2024/12/31 | 7-21  | 18-14 | 6-58 | 17-52 |
| 2025/ 1/ 1 | 8-13  | 19-16 | 6-58 | 17-53 |
| 2025/ 1/ 2 | 9- 1  | 20-18 | 6-59 | 17-53 |
| 2025/ 1/ 3 | 9-44  | 21-19 | 6-59 | 17-54 |
| 2025/ 1/ 4 | 10-23 | 22-18 | 6-59 | 17-55 |
| 2025/ 1/ 5 | 11- 0 | 23-16 | 6-59 | 17-55 |
| 2025/ 1/ 6 | 11-37 | ----- | 7- 0 | 17-56 |
| 2025/ 1/ 7 | 12-13 | 0-14  | 7- 0 | 17-56 |
| 2025/ 1/ 8 | 12-53 | 1-14  | 7- 0 | 17-57 |
| 2025/ 1/ 9 | 13-38 | 2-15  | 7- 0 | 17-58 |
| 2025/ 1/10 | 14-27 | 3-20  | 7- 0 | 17-58 |
| 2025/ 1/11 | 15-23 | 4-25  | 7- 0 | 17-59 |
| 2025/ 1/12 | 16-23 | 5-30  | 7- 1 | 18- 0 |
| 2025/ 1/13 | 17-27 | 6-29  | 7- 1 | 18- 0 |
| 2025/ 1/14 | 18-28 | 7-23  | 7- 1 | 18- 1 |
| 2025/ 1/15 | 19-28 | 8- 9  | 7- 1 | 18- 2 |
| 2025/ 1/16 | 20-23 | 8-49  | 7- 1 | 18- 2 |
| 2025/ 1/17 | 21-16 | 9-25  | 7- 1 | 18- 3 |
| 2025/ 1/18 | 22- 5 | 9-57  | 7- 1 | 18- 4 |
| 2025/ 1/19 | 22-54 | 10-27 | 7- 1 | 18- 4 |
| 2025/ 1/20 | 23-43 | 10-58 | 7- 1 | 18- 5 |
| 2025/ 1/21 | ----- | 11-29 | 7- 1 | 18- 6 |
| 2025/ 1/22 | 0-32  | 12- 2 | 7- 0 | 18- 6 |

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