

Location: Aizwal

Longitude : 92.72 E Latitude : 23.73 N

| Date       | Moonrise | Moonset | Sunrise | Sunset |
|------------|----------|---------|---------|--------|
|            | h. m.    | h. m.   | h. m.   | h. m.  |
| 2023/12/20 | 11-44    | -----   | 5-56    | 16-36  |
| 2023/12/21 | 12-18    | 0-12    | 5-57    | 16-37  |
| 2023/12/22 | 12-54    | 1-12    | 5-57    | 16-37  |
| 2023/12/23 | 13-33    | 2-12    | 5-58    | 16-38  |
| 2023/12/24 | 14-15    | 3-14    | 5-58    | 16-38  |
| 2023/12/25 | 15- 3    | 4-15    | 5-59    | 16-39  |
| 2023/12/26 | 15-55    | 5-17    | 5-59    | 16-40  |
| 2023/12/27 | 16-51    | 6-14    | 6- 0    | 16-40  |
| 2023/12/28 | 17-49    | 7- 7    | 6- 0    | 16-41  |
| 2023/12/29 | 18-46    | 7-54    | 6- 0    | 16-41  |
| 2023/12/30 | 19-42    | 8-34    | 6- 1    | 16-42  |
| 2023/12/31 | 20-34    | 9-10    | 6- 1    | 16-43  |
| 2024/ 1/ 1 | 21-26    | 9-43    | 6- 1    | 16-43  |
| 2024/ 1/ 2 | 22-15    | 10-12   | 6- 2    | 16-44  |
| 2024/ 1/ 3 | 23- 5    | 10-41   | 6- 2    | 16-45  |
| 2024/ 1/ 4 | 23-55    | 11-10   | 6- 2    | 16-45  |
| 2024/ 1/ 5 | -----    | 11-40   | 6- 2    | 16-46  |
| 2024/ 1/ 6 | 0-48     | 12-13   | 6- 3    | 16-47  |
| 2024/ 1/ 7 | 1-44     | 12-51   | 6- 3    | 16-47  |
| 2024/ 1/ 8 | 2-44     | 13-36   | 6- 3    | 16-48  |
| 2024/ 1/ 9 | 3-48     | 14-28   | 6- 3    | 16-49  |
| 2024/ 1/10 | 4-52     | 15-29   | 6- 3    | 16-49  |
| 2024/ 1/11 | 5-55     | 16-36   | 6- 3    | 16-50  |
| 2024/ 1/12 | 6-52     | 17-46   | 6- 3    | 16-51  |
| 2024/ 1/13 | 7-43     | 18-55   | 6- 4    | 16-52  |
| 2024/ 1/14 | 8-27     | 20- 2   | 6- 4    | 16-52  |
| 2024/ 1/15 | 9- 7     | 21- 5   | 6- 4    | 16-53  |
| 2024/ 1/16 | 9-44     | 22- 7   | 6- 4    | 16-54  |
| 2024/ 1/17 | 10-19    | 23- 7   | 6- 4    | 16-55  |
| 2024/ 1/18 | 10-55    | -----   | 6- 3    | 16-55  |
| 2024/ 1/19 | 11-33    | 0- 7    | 6- 3    | 16-56  |
| 2024/ 1/20 | 12-13    | 1- 8    | 6- 3    | 16-57  |
| 2024/ 1/21 | 12-59    | 2- 9    | 6- 3    | 16-57  |
| 2024/ 1/22 | 13-49    | 3-10    | 6- 3    | 16-58  |
| 2024/ 1/23 | 14-43    | 4- 7    | 6- 3    | 16-59  |
| 2024/ 1/24 | 15-40    | 5- 1    | 6- 3    | 17- 0  |
| 2024/ 1/25 | 16-37    | 5-50    | 6- 2    | 17- 0  |
| 2024/ 1/26 | 17-34    | 6-32    | 6- 2    | 17- 1  |
| 2024/ 1/27 | 18-27    | 7- 9    | 6- 2    | 17- 2  |
| 2024/ 1/28 | 19-19    | 7-43    | 6- 2    | 17- 3  |

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

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

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

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

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

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

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



|            |       |       |      |       |
|------------|-------|-------|------|-------|
| 2024/12/16 | 17-27 | 6-48  | 5-55 | 16-35 |
| 2024/12/17 | 18-31 | 7-46  | 5-55 | 16-35 |
| 2024/12/18 | 19-34 | 8-35  | 5-56 | 16-36 |
| 2024/12/19 | 20-32 | 9-18  | 5-56 | 16-36 |
| 2024/12/20 | 21-28 | 9-54  | 5-57 | 16-37 |
| 2024/12/21 | 22-19 | 10-26 | 5-57 | 16-37 |
| 2024/12/22 | 23-10 | 10-56 | 5-58 | 16-38 |
| 2024/12/23 | 23-59 | 11-25 | 5-58 | 16-38 |
| 2024/12/24 | ----- | 11-53 | 5-59 | 16-39 |
| 2024/12/25 | 0-49  | 12-23 | 5-59 | 16-39 |
| 2024/12/26 | 1-41  | 12-56 | 5-59 | 16-40 |
| 2024/12/27 | 2-34  | 13-34 | 6- 0 | 16-41 |
| 2024/12/28 | 3-31  | 14-16 | 6- 0 | 16-41 |
| 2024/12/29 | 4-29  | 15- 5 | 6- 1 | 16-42 |
| 2024/12/30 | 5-28  | 16- 0 | 6- 1 | 16-42 |
| 2024/12/31 | 6-24  | 17- 1 | 6- 1 | 16-43 |
| 2025/ 1/ 1 | 7-16  | 18- 4 | 6- 2 | 16-44 |
| 2025/ 1/ 2 | 8- 2  | 19- 8 | 6- 2 | 16-44 |
| 2025/ 1/ 3 | 8-44  | 20-10 | 6- 2 | 16-45 |
| 2025/ 1/ 4 | 9-22  | 21-11 | 6- 2 | 16-46 |
| 2025/ 1/ 5 | 9-57  | 22-10 | 6- 3 | 16-46 |
| 2025/ 1/ 6 | 10-31 | 23-11 | 6- 3 | 16-47 |
| 2025/ 1/ 7 | 11- 7 | ----- | 6- 3 | 16-48 |
| 2025/ 1/ 8 | 11-45 | 0-11  | 6- 3 | 16-49 |
| 2025/ 1/ 9 | 12-27 | 1-15  | 6- 3 | 16-49 |
| 2025/ 1/10 | 13-15 | 2-21  | 6- 3 | 16-50 |
| 2025/ 1/11 | 14- 9 | 3-28  | 6- 3 | 16-51 |
| 2025/ 1/12 | 15-10 | 4-32  | 6- 3 | 16-51 |
| 2025/ 1/13 | 16-13 | 5-33  | 6- 4 | 16-52 |
| 2025/ 1/14 | 17-17 | 6-25  | 6- 4 | 16-53 |
| 2025/ 1/15 | 18-17 | 7-10  | 6- 4 | 16-54 |
| 2025/ 1/16 | 19-15 | 7-49  | 6- 4 | 16-54 |
| 2025/ 1/17 | 20- 9 | 8-23  | 6- 3 | 16-55 |
| 2025/ 1/18 | 21- 0 | 8-54  | 6- 3 | 16-56 |
| 2025/ 1/19 | 21-50 | 9-24  | 6- 3 | 16-57 |
| 2025/ 1/20 | 22-40 | 9-52  | 6- 3 | 16-57 |
| 2025/ 1/21 | 23-31 | 10-21 | 6- 3 | 16-58 |
| 2025/ 1/22 | ----- | 10-53 | 6- 3 | 16-59 |

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