

Location: Longitude : 75.33 E Latitude : 11.83 N
Station: Kannur

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

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

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

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

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

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

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

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