

秋田  
AKITA

2026 年

| 満 潮 |     |      |     |    | 干 潮 |    |     |    |    |
|-----|-----|------|-----|----|-----|----|-----|----|----|
| 日   | 時 分 | cm   | 時 分 | cm | 時 分 | cm | 時 分 | cm |    |
| 1月  | 1   |      | 23  | 46 | 34  | .  | 7   | 22 | 2  |
| 2   |     |      |     |    |     | .  | 8   | 22 | 0  |
| 3   | 望   | 0 35 | 36  |    |     | .  | 9   | 18 | -2 |
| 4   |     | 1 36 | 37  |    |     | .  | 10  | 11 | -3 |
| 5   |     | 2 35 | 36  | 18 | 20  | 23 | .   | 11 | 0  |
| 6   |     | 3 31 | 33  | 18 | 42  | 20 | .   | 11 | 44 |
| 7   |     | 4 25 | 29  | 19 | 5   | 18 | .   | 12 | 23 |
| 8   |     | 5 18 | 24  | 19 | 29  | 17 | .   |    |    |
| 9   |     | 6 15 | 19  | 19 | 51  | 17 | .   | 1  | 4  |
| 10  |     | 7 28 | 14  | 20 | 10  | 18 | .   | 2  | 15 |
| 11  | 下弦  | 9 20 | 12  | 20 | 25  | 20 | .   | 3  | 28 |
| 12  |     |      |     | 20 | 40  | 22 | .   | 4  | 44 |
| 13  |     |      |     | 21 | 2   | 24 | .   | 5  | 54 |
| 14  |     |      |     | 21 | 44  | 27 | .   | 6  | 49 |
| 15  |     |      |     | 22 | 44  | 28 | .   | 7  | 33 |
| 16  |     |      |     | 23 | 47  | 29 | .   | 8  | 14 |
| 17  |     |      |     |    |     |    | .   | 8  | 54 |
| 18  |     | 0 44 | 29  |    |     |    | .   | 9  | 31 |
| 19  | 朔   | 1 35 | 28  | 17 | 35  | 19 | .   | 10 | 7  |
| 20  |     | 2 22 | 26  | 17 | 48  | 17 | .   | 10 | 41 |
| 21  |     | 3 7  | 24  | 18 | 5   | 15 | .   | 11 | 14 |
| 22  |     | 3 53 | 21  | 18 | 22  | 14 | .   | 11 | 44 |
| 23  |     | 4 42 | 18  | 18 | 38  | 14 | .   |    |    |
| 24  |     | 5 40 | 16  | 18 | 52  | 15 | .   | 0  | 9  |
| 25  |     | 6 54 | 14  | 19 | 7   | 17 | .   | 1  | 9  |
| 26  | 上弦  | 8 36 | 13  | 19 | 28  | 20 | .   | 2  | 14 |
| 27  |     |      |     | 19 | 58  | 23 | .   | 3  | 28 |
| 28  |     |      |     | 20 | 47  | 26 | .   | 4  | 51 |
| 29  |     |      |     | 22 | 0   | 29 | .   | 6  | 14 |
| 30  |     |      |     | 23 | 22  | 30 | .   | 7  | 26 |
| 31  |     |      |     |    |     |    | .   | 8  | 27 |

| 満 潮 |     |       |     |    | 干 潮 |    |     |    |    |
|-----|-----|-------|-----|----|-----|----|-----|----|----|
| 日   | 時 分 | cm    | 時 分 | cm | 時 分 | cm | 時 分 | cm |    |
| 4月  | 1   | 2 19  | 12  | 14 | 47  | 9  | .   | 9  | 7  |
| 2   | 望   | 3 16  | 11  | 15 | 0   | 10 | .   | 9  | 34 |
| 3   |     | 4 8   | 11  | 15 | 16  | 12 | .   | 9  | 56 |
| 4   |     | 4 59  | 11  | 15 | 33  | 14 | .   | 10 | 10 |
| 5   |     | 5 49  | 11  | 15 | 49  | 16 | .   | 10 | 13 |
| 6   |     | 6 44  | 12  | 16 | 4   | 18 | .   | 9  | 59 |
| 7   |     |       |     | 16 | 20  | 20 | .   | 0  | 12 |
| 8   |     |       |     | 16 | 38  | 20 | .   | 0  | 56 |
| 9   |     |       |     | 16 | 58  | 20 | .   | 1  | 47 |
| 10  | 下弦  |       |     | 17 | 21  | 18 | .   | 2  | 51 |
| 11  |     |       |     | 17 | 44  | 15 | .   | 4  | 7  |
| 12  |     |       |     | 14 | 37  | 12 | .   | 5  | 22 |
| 13  |     | 14 4  | 10  | 23 | 2   | 9  | .   | 6  | 22 |
| 14  |     |       |     | 13 | 52  | 8  | .   | 7  | 8  |
| 15  |     | 0 37  | 9   | 13 | 50  | 9  | .   | 7  | 49 |
| 16  |     | 1 52  | 10  | 13 | 56  | 10 | .   | 8  | 25 |
| 17  | 朔   | 2 59  | 12  | 14 | 10  | 13 | .   | 8  | 59 |
| 18  |     | 4 2   | 14  | 14 | 32  | 16 | .   | 9  | 29 |
| 19  |     | 5 4   | 16  | 15 | 0   | 20 | .   | 9  | 51 |
| 20  |     | 6 7   | 17  | 15 | 33  | 24 | .   | 9  | 50 |
| 21  |     |       |     | 16 | 9   | 26 | .   |    |    |
| 22  |     |       |     | 16 | 50  | 26 | .   | 0  | 41 |
| 23  |     |       |     | 17 | 38  | 24 | .   | 1  | 44 |
| 24  | 上弦  |       |     | 18 | 44  | 21 | .   | 2  | 53 |
| 25  |     |       |     | 20 | 31  | 16 | .   | 4  | 9  |
| 26  |     | 13 13 | 13  | 22 | 38  | 13 | .   | 5  | 21 |
| 27  |     |       |     | 13 | 2   | 12 | .   | 6  | 20 |
| 28  |     | 0 21  | 12  | 13 | 5   | 12 | .   | 7  | 7  |
| 29  |     | 1 38  | 12  | 13 | 14  | 13 | .   | 7  | 44 |
| 30  |     | 2 41  | 12  | 13 | 29  | 15 | .   | 8  | 12 |

|    |    |      |    |    |    |    |   |    |    |
|----|----|------|----|----|----|----|---|----|----|
| 2月 | 1  | 0 37 | 30 | 17 | 5  | 20 | . | 9  | 19 |
| 2  | 望  | 1 43 | 29 | 17 | 7  | 17 | . | 10 | 4  |
| 3  |    | 2 43 | 27 | 17 | 20 | 15 | . | 10 | 44 |
| 4  |    | 3 39 | 23 | 17 | 38 | 14 | . | 11 | 18 |
| 5  |    | 4 33 | 19 | 17 | 56 | 13 | . | 11 | 47 |
| 6  |    | 5 26 | 15 | 18 | 13 | 14 | . |    |    |
| 7  |    | 6 24 | 12 | 18 | 27 | 15 | . | 0  | 37 |
| 8  |    | 7 34 | 10 | 18 | 37 | 16 | . | 1  | 29 |
| 9  | 下弦 |      |    | 18 | 44 | 19 | . | 2  | 25 |
| 10 |    |      |    | 18 | 55 | 21 | . | 3  | 32 |
| 11 |    |      |    | 19 | 18 | 23 | . | 4  | 55 |
| 12 |    |      |    | 20 | 2  | 23 | . | 6  | 14 |
| 13 |    |      |    | 21 | 39 | 23 | . | 7  | 13 |
| 14 |    |      |    | 23 | 24 | 22 | . | 7  | 59 |
| 15 |    |      |    |    |    |    | . | 8  | 38 |
| 16 |    | 0 35 | 21 | 16 | 33 | 14 | . | 9  | 13 |
| 17 | 朔  | 1 33 | 19 | 16 | 37 | 12 | . | 9  | 46 |
| 18 |    | 2 26 | 18 | 16 | 47 | 11 | . | 10 | 17 |
| 19 |    | 3 17 | 16 | 17 | 0  | 10 | . | 10 | 47 |
| 20 |    | 4 11 | 14 | 17 | 13 | 11 | . | 11 | 15 |
| 21 |    | 5 10 | 13 | 17 | 26 | 12 | . | 11 | 39 |
| 22 |    | 6 17 | 12 | 17 | 41 | 15 | . | 0  | 4  |
| 23 | 上弦 | 7 35 | 11 | 18 | 0  | 18 | . | 0  | 57 |
| 24 |    |      |    | 18 | 25 | 21 | . | 1  | 59 |
| 25 |    |      |    | 18 | 59 | 23 | . | 3  | 12 |
| 26 |    |      |    | 19 | 58 | 23 | . | 4  | 42 |
| 27 |    |      |    | 21 | 51 | 23 | . | 6  | 14 |
| 28 |    |      |    | 23 | 32 | 22 | . | 7  | 26 |

|    |    |       |    |    |    |    |   |   |    |
|----|----|-------|----|----|----|----|---|---|----|
| 5月 | 1  | 3 36  | 14 | 13 | 48 | 17 | . | 8 | 34 |
| 2  | 望  | 4 26  | 15 | 14 | 8  | 20 | . | 8 | 48 |
| 3  |    | 5 13  | 17 | 14 | 31 | 22 | . | 8 | 58 |
| 4  |    | 6 2   | 18 | 14 | 54 | 24 | . | 9 | 2  |
| 5  |    |       |    | 15 | 19 | 25 | . |   |    |
| 6  |    |       |    | 15 | 44 | 25 | . |   |    |
| 7  |    |       |    | 16 | 11 | 24 | . | 0 | 32 |
| 8  |    |       |    | 16 | 41 | 22 | . | 1 | 19 |
| 9  |    |       |    | 17 | 16 | 19 | . | 2 | 7  |
| 10 | 下弦 |       |    | 18 | 23 | 15 | . | 3 | 0  |
| 11 |    | 12 25 | 13 | 20 | 46 | 12 | . | 3 | 57 |
| 12 |    | 12 6  | 13 | 23 | 5  | 12 | . | 4 | 53 |
| 13 |    |       |    | 12 | 3  | 14 | . | 5 | 47 |
| 14 |    | 0 49  | 14 | 12 | 13 | 17 | . | 6 | 36 |
| 15 |    | 2 11  | 17 | 12 | 34 | 20 | . | 7 | 19 |
| 16 |    | 3 22  | 20 | 13 | 4  | 25 | . | 7 | 53 |
| 17 | 朔  | 4 27  | 22 | 13 | 40 | 29 | . | 8 | 16 |
| 18 |    | 5 31  | 24 | 14 | 22 | 32 | . | 8 | 23 |
| 19 |    |       |    | 15 | 8  | 34 | . |   |    |
| 20 |    |       |    | 15 | 58 | 34 | . |   |    |
| 21 |    |       |    | 16 | 53 | 31 | . | 0 | 38 |
| 22 | 上弦 |       |    | 17 | 53 | 27 | . | 1 | 35 |
| 23 |    | 11 5  | 18 | 19 | 8  | 23 | . | 2 | 32 |
| 24 |    | 11 12 | 18 | 20 | 52 | 18 | . | 2 | 27 |
| 25 |    |       |    | 22 | 56 | 16 | . | 4 | 18 |
| 26 |    | 11 24 | 19 |    |    |    | . | 5 | 3  |
| 27 |    | 0 44  | 16 | 11 | 39 | 21 | . | 5 | 39 |
| 28 |    | 2 17  | 18 | 11 | 58 | 23 | . | 6 | 4  |
| 29 |    | 3 31  | 20 | 12 | 19 | 26 | . | 6 | 21 |
| 30 |    |       |    | 12 | 45 | 29 | . |   |    |
| 31 | 望  |       |    | 13 | 15 | 31 | . |   |    |

|    |    |       |    |    |    |    |   |    |    |
|----|----|-------|----|----|----|----|---|----|----|
| 3月 | 1  |       |    | 16 | 1  | 15 | . | 8  | 20 |
| 2  | 望  | 0 52  | 21 | 15 | 54 | 12 | . | 9  | 5  |
| 3  |    | 1 59  | 19 | 16 | 1  | 11 | . | 9  | 42 |
| 4  |    | 2 58  | 17 | 16 | 14 | 10 | . | 10 | 15 |
| 5  |    | 3 53  | 14 | 16 | 29 | 10 | . | 10 | 42 |
| 6  |    | 4 46  | 12 | 16 | 45 | 11 | . | 11 | 4  |
| 7  |    | 5 39  | 10 | 16 | 58 | 13 | . | 11 | 15 |
| 8  |    | 6 35  | 9  | 17 | 10 | 15 | . | 0  | 4  |
| 9  |    | 7 42  | 9  | 17 | 19 | 17 | . | 0  | 46 |
| 10 |    |       |    | 17 | 30 | 19 | . | 1  | 33 |
| 11 | 下弦 |       |    | 17 | 45 | 20 | . | 2  | 30 |
| 12 |    |       |    | 18 | 8  | 20 | . | 3  | 47 |
| 13 |    |       |    | 18 | 42 | 18 | . | 5  | 18 |
| 14 |    |       |    | 20 | 28 | 16 | . | 6  | 32 |
| 15 |    | 15 42 | 13 | 23 | 9  | 14 | . | 7  | 23 |
| 16 |    |       |    | 15 | 23 | 10 | . | 8  | 3  |
| 17 |    | 0 32  | 12 | 15 | 20 | 8  | . | 8  | 39 |
| 18 |    | 1 38  | 12 | 15 | 24 | 8  | . | 9  | 12 |
| 19 | 朔  | 2 39  | 11 | 15 | 33 | 8  | . | 9  | 43 |
| 20 |    | 3 39  | 12 | 15 | 45 | 10 | . | 10 | 13 |
| 21 |    | 4 40  | 12 | 16 | 1  | 12 | . | 10 | 40 |
| 22 |    | 5 42  | 12 | 16 | 21 | 15 | . | 10 | 58 |
| 23 |    | 6 49  | 12 | 16 | 45 | 19 | . | 10 | 46 |
| 24 |    |       |    | 17 | 13 | 21 | . | 0  | 47 |
| 25 |    |       |    | 17 | 45 | 22 | . | 1  | 49 |
| 26 | 上弦 |       |    | 18 | 28 | 21 | . | 3  | 3  |
| 27 |    |       |    | 19 | 58 | 19 | . | 4  | 33 |
| 28 |    |       |    | 22 | 11 | 16 | . | 6  | 0  |
| 29 |    | 14 45 | 12 | 23 | 55 | 14 | . | 7  | 6  |
| 30 |    |       |    | 14 | 34 | 10 | . | 7  | 55 |
| 31 |    | 1 15  | 13 | 14 | 37 | 9  | . | 8  | 34 |

|    |    |       |    |    |    |    |   |   |    |
|----|----|-------|----|----|----|----|---|---|----|
| 6月 | 1  |       |    | 13 | 47 | 33 | . |   |    |
| 2  |    |       |    | 14 | 22 | 34 | . |   |    |
| 3  |    |       |    | 14 | 58 | 33 | . |   |    |
| 4  |    |       |    | 15 | 34 | 32 | . |   |    |
| 5  |    |       |    | 16 | 10 | 29 | . | 0 | 15 |
| 6  |    |       |    | 16 | 52 | 26 | . | 0 | 54 |
| 7  |    |       |    | 17 | 44 | 23 | . | 1 | 31 |
| 8  | 下弦 | 9 55  | 20 | 19 | 3  | 20 | . | 2 | 6  |
| 9  |    | 10 0  | 21 | 21 | 2  | 19 | . | 2 | 41 |
| 10 |    | 10 9  | 22 | 23 | 18 | 20 | . | 3 | 17 |
| 11 |    | 10 28 | 26 |    |    |    | . | 3 | 55 |
| 12 |    | 1 17  | 23 | 10 | 57 | 30 | . | 4 | 35 |
| 13 |    | 11 35 | 34 |    |    |    | . |   |    |
| 14 |    |       |    | 12 | 20 | 39 | . |   |    |
| 15 | 朔  |       |    | 13 | 12 | 42 | . |   |    |
| 16 |    |       |    | 14 | 7  | 43 | . |   |    |
| 17 |    |       |    | 15 | 4  | 43 | . |   |    |
| 18 |    |       |    | 16 | 3  | 40 | . |   |    |
| 19 |    |       |    | 17 | 2  | 36 | . | 0 | 29 |
| 20 |    | 8 24  | 26 | 18 | 5  | 31 | . | 1 | 15 |
| 21 | 上弦 | 8 49  | 25 | 19 | 21 | 26 | . | 1 | 58 |
| 22 |    | 9 13  | 25 | 21 | 3  | 23 | . | 2 | 33 |
| 23 |    | 9 36  | 27 | 23 | 11 | 22 | . | 2 | 58 |
| 24 |    | 9 58  | 29 |    |    |    | . | 2 | 53 |
| 25 |    | 10 20 | 32 |    |    |    | . |   |    |
| 26 |    | 10 47 | 35 |    |    |    | . |   |    |
| 27 |    | 11 20 | 37 |    |    |    | . |   |    |
| 28 |    | 11 59 | 40 |    |    |    | . |   |    |
| 29 |    |       |    | 12 | 43 | 41 | . |   |    |
| 30 | 望  |       |    | 13 | 28 | 42 | . |   |    |

潮位表基準面の零点: 平均海面下 19.0 (cm)

秋田  
AKITA

2026 年

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