

# 石狩新港

ISHIKARISHINKO

2018 年

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

# 石狩新港

ISHIKARISHINKO

2018年

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

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

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

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

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

| 日     | 満潮    |    |       |    | 干潮   |    |       |    |
|-------|-------|----|-------|----|------|----|-------|----|
|       | 時分    | cm | 時分    | cm | 時分   | cm | 時分    | cm |
| 12月 1 | 9 41  | 22 | 23 58 | 22 | 5 48 | 20 | 16 48 | 11 |
| 2     | 11 39 | 21 |       |    | 6 42 | 16 | 18 9  |    |