

# 推算潮位 (毎時・満干潮)

地点名: 秋田

緯度: 39° 45' N

経度: 140° 4' E

潮位表基準面の零点: 平均海面下 19.0(cm)

2025 年 1 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 日合計 |      | 日平均  |       | 月    |       | 満潮 |    |    |      |    |       |       |       | 干潮 |    |    |   |   |   |  |  |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|-------|------|-------|----|----|----|------|----|-------|-------|-------|----|----|----|---|---|---|--|--|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 時刻   | 潮位   | 時刻    | 潮位   | 時刻    | 潮位 | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 |   |   |   |  |  |
| 1  | 31   | 33 | 33 | 32 | 29 | 24 | 18 | 12 | 7  | 2  | 0  | 0  | 3  | 7  | 12 | 17 | 21 | 23 | 24 | 24 | 23 | 23 | 24 | 25  | 447  | 18.6 |       | 1:50 | 33    | *  | *  | *  | *    | *  | *     | 10:29 | 0     | *  | *  | *  | * | * | * |  |  |
| 2  | 27   | 29 | 31 | 32 | 30 | 26 | 21 | 15 | 9  | 3  | 0  | -2 | -1 | 2  | 7  | 12 | 16 | 19 | 21 | 21 | 20 | 20 | 21 | 400 | 16.7 |      | 2:40  | 32   | 18:39 | 21 | *  | *  | *    | *  | 11:11 | -2    | 21:20 | 20 | *  | *  | * | * |   |  |  |
| 3  | 22   | 25 | 27 | 29 | 29 | 27 | 23 | 17 | 11 | 5  | 1  | -2 | -3 | -2 | 2  | 7  | 12 | 16 | 18 | 19 | 18 | 17 | 17 | 352 | 14.7 |      | 3:28  | 29   | 19:5  | 19 | *  | *  | *    | *  | 11:52 | -3    | 22:21 | 17 | *  | *  | * | * |   |  |  |
| 4  | 18   | 19 | 22 | 24 | 26 | 26 | 23 | 19 | 14 | 8  | 3  | -1 | -3 | -3 | 0  | 4  | 8  | 12 | 15 | 17 | 17 | 16 | 14 | 312 | 13.0 |      | 4:19  | 26   | 19:29 | 17 | *  | *  | *    | *  | 12:31 | -3    | 23:39 | 14 | *  | *  | * | * |   |  |  |
| 5  | 14   | 14 | 16 | 18 | 21 | 22 | 22 | 20 | 16 | 12 | 7  | 3  | 0  | -1 | 0  | 3  | 7  | 11 | 14 | 15 | 16 | 15 | 13 | 290 | 12.1 |      | 5:16  | 22   | 19:51 | 16 | *  | *  | *    | *  | 13:9  | -1    | *     | *  | *  | *  | * | * |   |  |  |
| 6  | 11   | 10 | 11 | 12 | 15 | 17 | 19 | 19 | 17 | 14 | 11 | 7  | 5  | 3  | 3  | 4  | 7  | 10 | 13 | 16 | 16 | 16 | 14 | 282 | 11.8 |      | 6:26  | 19   | 20:11 | 17 | *  | *  | *    | *  | 1:3   | 10    | 13:43 | 3  | *  | *  | * | * |   |  |  |
| 7  | 10   | 8  | 8  | 8  | 9  | 11 | 14 | 15 | 16 | 15 | 14 | 12 | 10 | 9  | 8  | 9  | 10 | 12 | 15 | 17 | 18 | 18 | 17 | 298 | 12.4 | U    | 8:2   | 16   | 20:31 | 19 | *  | *  | *    | *  | 2:23  | 8     | 14:8  | 8  | *  | *  | * | * |   |  |  |
| 8  | 12   | 9  | 7  | 6  | 5  | 6  | 8  | 11 | 13 | 15 | 15 | 15 | 14 | 14 | 14 | 14 | 15 | 16 | 18 | 20 | 21 | 22 | 21 | 330 | 13.8 |      | 10:13 | 15   | 20:58 | 22 | *  | *  | *    | *  | 3:41  | 5     | 13:58 | 14 | *  | *  | * | * |   |  |  |
| 9  | 16   | 12 | 9  | 6  | 4  | 3  | 4  | 6  | 9  | 12 | 14 | 16 | 17 | 18 | 18 | 19 | 19 | 20 | 21 | 23 | 24 | 25 | 25 | 364 | 15.2 |      | 21:34 | 25   | *     | *  | *  | *  | 5:0  | 3  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 10 | 21   | 18 | 14 | 10 | 6  | 3  | 2  | 3  | 5  | 8  | 11 | 15 | 18 | 20 | 21 | 22 | 23 | 24 | 24 | 25 | 27 | 28 | 29 | 406 | 16.9 |      | 22:24 | 29   | *     | *  | *  | *  | 6:15 | 2  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 11 | 27   | 24 | 20 | 15 | 10 | 6  | 3  | 1  | 2  | 4  | 8  | 12 | 16 | 20 | 22 | 24 | 25 | 26 | 26 | 27 | 28 | 29 | 31 | 438 | 18.3 |      | 23:24 | 32   | *     | *  | *  | *  | 7:21 | 1  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 12 | 31   | 30 | 26 | 22 | 16 | 11 | 6  | 2  | 1  | 1  | 4  | 8  | 13 | 17 | 21 | 24 | 25 | 26 | 27 | 27 | 28 | 29 | 30 | 457 | 19.0 |      | *     | *    | *     | *  | *  | *  | 8:20 | 0  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 13 | 33   | 33 | 31 | 28 | 23 | 17 | 10 | 5  | 1  | 0  | 0  | 4  | 9  | 14 | 18 | 22 | 24 | 25 | 25 | 26 | 26 | 27 | 28 | 459 | 19.1 |      | 0:25  | 33   | *     | *  | *  | *  | 9:13 | 0  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 14 | 32   | 33 | 33 | 31 | 27 | 22 | 15 | 9  | 4  | 0  | -1 | 0  | 4  | 9  | 14 | 19 | 22 | 23 | 24 | 23 | 23 | 24 | 26 | 440 | 18.3 | F    | 1:25  | #34  | *     | *  | *  | *  | 10:0 | -1 | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 15 | 28   | 31 | 32 | 32 | 30 | 25 | 19 | 13 | 6  | 2  | -1 | -2 | 0  | 5  | 10 | 15 | 18 | 21 | 21 | 21 | 20 | 20 | 20 | 407 | 17.0 |      | 2:19  | 32   | 18:1  | 21 | *  | *  | *    | *  | 10:43 | -2    | 20:47 | 20 | *  | *  | * | * |   |  |  |
| 16 | 23   | 26 | 29 | 30 | 29 | 26 | 22 | 16 | 9  | 3  | 0  | -2 | -2 | 1  | 6  | 11 | 15 | 18 | 19 | 19 | 17 | 17 | 16 | 365 | 15.2 |      | 3:9   | 30   | 18:19 | 19 | *  | *  | *    | *  | 11:20 | -3    | 21:50 | 16 | *  | *  | * | * |   |  |  |
| 17 | 18   | 20 | 23 | 25 | 26 | 25 | 22 | 17 | 11 | 6  | 1  | -2 | -3 | -1 | 3  | 7  | 12 | 15 | 16 | 17 | 16 | 14 | 13 | 314 | 13.1 |      | 3:55  | 26   | 18:38 | 17 | *  | *  | *    | *  | 11:53 | -3    | 22:54 | 13 | *  | *  | * | * |   |  |  |
| 18 | 13   | 15 | 17 | 20 | 22 | 22 | 20 | 17 | 13 | 8  | 3  | 0  | -1 | -1 | 1  | 5  | 9  | 12 | 14 | 15 | 14 | 13 | 11 | 272 | 11.3 |      | 4:39  | 22   | 18:57 | 15 | *  | *  | *    | *  | 12:21 | -2    | 23:57 | 10 | *  | *  | * | * |   |  |  |
| 19 | 10   | 10 | 12 | 14 | 16 | 18 | 17 | 16 | 13 | 9  | 5  | 3  | 1  | 1  | 2  | 5  | 8  | 11 | 14 | 14 | 14 | 13 | 11 | 246 | 10.3 |      | 5:24  | 18   | 19:12 | 14 | *  | *  | *    | *  | 12:41 | 1     | *     | *  | *  | *  | * | * |   |  |  |
| 20 | 8    | 8  | 8  | 10 | 12 | 13 | 14 | 14 | 13 | 10 | 8  | 5  | 4  | 4  | 4  | 6  | 9  | 12 | 14 | 15 | 15 | 13 | 11 | 239 | 10.0 |      | 6:15  | 14   | 19:22 | 15 | *  | *  | *    | *  | 0:58  | 8     | 12:51 | 4  | *  | *  | * | * |   |  |  |
| 21 | 8    | 7  | 6  | 7  | 8  | 10 | 11 | 12 | 11 | 11 | 10 | 8  | 7  | 7  | 8  | 9  | 11 | 14 | 15 | 16 | 16 | 15 | 14 | 252 | 10.5 |      | 7:29  | 12   | 19:27 | 16 | *  | *  | *    | *  | 2:0   | 6     | 12:39 | 7  | *  | *  | * | * |   |  |  |
| 22 | 9    | 7  | 6  | 6  | 6  | 7  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 14 | 16 | 18 | 19 | 19 | 18 | 17 | 283 | 11.8 | L    | 19:34 | 19   | *     | *  | *  | *  | 3:7  | 6  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 23 | 12   | 10 | 8  | 6  | 6  | 6  | 6  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 18 | 19 | 21 | 22 | 22 | 21 | 20 | 323 | 13.5 |      | 19:53 | 22   | *     | *  | *  | *  | 4:21 | 5  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 24 | 15   | 13 | 10 | 8  | 6  | 5  | 5  | 6  | 7  | 9  | 11 | 13 | 15 | 16 | 18 | 19 | 20 | 21 | 23 | 24 | 24 | 24 | 22 | 358 | 14.9 |      | 20:28 | 25   | *     | *  | *  | *  | 5:33 | 5  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 25 | 20   | 17 | 14 | 11 | 8  | 6  | 5  | 5  | 6  | 7  | 10 | 13 | 15 | 18 | 19 | 21 | 22 | 23 | 24 | 25 | 26 | 26 | 25 | 392 | 16.3 |      | 21:23 | 26   | *     | *  | *  | *  | 6:34 | 4  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 26 | 24   | 21 | 18 | 14 | 11 | 7  | 5  | 3  | 3  | 5  | 8  | 11 | 14 | 17 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 27 | 403 | 16.8 |      | 22:36 | 27   | *     | *  | *  | *  | 7:25 | 3  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 27 | 26   | 24 | 21 | 18 | 13 | 9  | 5  | 2  | 1  | 2  | 4  | 7  | 11 | 15 | 18 | 21 | 22 | 23 | 23 | 23 | 24 | 25 | 26 | 390 | 16.3 |      | 23:49 | 28   | *     | *  | *  | *  | 8:12 | 1  | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 28 | 28   | 27 | 25 | 21 | 16 | 11 | 6  | 2  | -1 | -2 | 0  | 3  | 7  | 12 | 16 | 18 | 20 | 21 | 21 | 21 | 21 | 22 | 23 | 363 | 15.1 |      | *     | *    | *     | *  | *  | *  | 8:56 | -2 | *     | *     | *     | *  | *  | *  |   |   |   |  |  |
| 29 | 27   | 27 | 26 | 24 | 19 | 14 | 8  | 3  | -2 | -4 | -5 | -2 | 2  | 7  | 12 | 15 | 18 | 19 | 18 | 18 | 18 | 18 | 19 | 320 | 13.3 | N    | 0:53  | 27   | 17:17 | 19 | *  | *  | *    | *  | 9:38  | -5    | 20:4  | 18 | *  | *  | * | * |   |  |  |
| 30 | 23   | 25 | 26 | 25 | 22 | 17 | 11 | 4  | -1 | -5 | -7 | -7 | -3 | 2  | 7  | 12 | 15 | 16 | 16 | 15 | 14 | 13 | 14 | 269 | 11.2 |      | 1:51  | 26   | 17:27 | 16 | *  | *  | *    | *  | 10:18 | -7    | 21:3  | 13 | *  | *  | * | * |   |  |  |
| 31 | 18   | 21 | 24 | 24 | 23 | 19 | 14 | 7  | 1  | -4 | -8 | -9 | -7 | -3 | 3  | 8  | 12 | 14 | 14 | 13 | 11 | 10 | 9  | 224 | 9.3  |      | 2:47  | 24   | 17:43 | 14 | *  | *  | *    | *  | 10:56 | #-9   | 22:2  | 9  | *  | *  | * | * |   |  |  |

| N   | Sum   | Mean | 推算月最高潮位  |    |    | 推算月最低潮位   |    |    |
|-----|-------|------|----------|----|----|-----------|----|----|
|     |       |      | 起時       | 潮位 | 回数 | 起時        | 潮位 | 回数 |
| 744 | 10695 | 14.4 | 14日1時25分 | 34 | 1  | 31日10時56分 | -9 | 1  |

# 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45' N

経度：140° 4' E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 2 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |    | 満潮 |     |      |   | 干潮    |     |       |    |    |    |      |      |       |      |       |    |    |    |   |   |
|----|------|----|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|---|-------|-----|-------|----|----|----|------|------|-------|------|-------|----|----|----|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9   | 10  | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻   | 潮位   | 時刻    | 潮位   | 時刻    | 潮位 | 時刻 | 潮位 |   |   |
| 1  | 11   | 15 | 18 | 21 | 22 | 20 | 16 | 11 | 4  | -1  | -6  | -8  | -8 | -5 | 0  | 5  | 9  | 12 | 13 | 12 | 10 | 7  | 5  | 5  | 188 | 7.8  |   | 3:42  | 22  | 18:1  | 13 | *  | *  | *    | *    | 11:33 | -8   | 23:2  | 5  | *  | *  | * | * |
| 2  | 6    | 8  | 12 | 16 | 18 | 19 | 17 | 13 | 8  | 3   | -2  | -5  | -6 | -5 | -1 | 3  | 8  | 11 | 13 | 12 | 10 | 7  | 4  | 2  | 171 | 7.1  |   | 4:41  | 19  | 18:18 | 13 | *  | *  | *    | *    | 12:6  | -6   | *     | *  | *  | *  |   |   |
| 3  | 1    | 2  | 5  | 9  | 13 | 15 | 16 | 14 | 11 | 7   | 3   | 0   | -1 | -1 | 1  | 4  | 8  | 12 | 14 | 14 | 12 | 9  | 5  | 2  | 175 | 7.3  |   | 5:47  | 16  | 18:35 | 14 | *  | *  | *    | *    | 0:2   | 1    | 12:35 | -1 | *  | *  | * | * |
| 4  | 0    | -1 | 0  | 3  | 7  | 10 | 12 | 13 | 13 | 11  | 8   | 6   | 5  | 4  | 5  | 7  | 11 | 14 | 16 | 16 | 15 | 13 | 9  | 5  | 202 | 8.4  |   | 7:5   | 13  | 18:53 | 16 | *  | *  | *    | *    | 1:3   | -1   | 12:50 | 4  | *  | *  | * | * |
| 5  | 2    | -1 | -2 | -1 | 1  | 5  | 8  | 10 | 12 | 12  | 11  | 10  | 10 | 10 | 10 | 12 | 14 | 16 | 18 | 19 | 19 | 17 | 14 | 10 | 236 | 9.8  | U | 8:44  | 12  | 19:15 | 19 | *  | *  | *    | *    | 2:8   | -2   | 12:14 | 10 | *  | *  | * | * |
| 6  | 6    | 2  | 0  | -1 | -1 | 1  | 3  | 6  | 9  | 11  | 12  | 13  | 13 | 14 | 15 | 16 | 18 | 19 | 21 | 22 | 22 | 22 | 19 | 16 | 278 | 11.6 |   | 19:45 | 22  | *     | *  | *  | *  | 3:22 | -2   | *     | *    | *     | *  |    |    |   |   |
| 7  | 12   | 8  | 4  | 1  | -1 | -1 | 0  | 2  | 5  | 8   | 11  | 13  | 15 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | 25 | 25 | 24 | 22 | 318 | 13.3 |   | 20:31 | 25  | *     | *  | *  | *  | 4:47 | -1   | *     | *    | *     | *  |    |    |   |   |
| 8  | 18   | 14 | 10 | 6  | 3  | 0  | -1 | 0  | 1  | 4   | 8   | 11  | 14 | 17 | 19 | 21 | 22 | 23 | 24 | 25 | 25 | 26 | 26 | 25 | 341 | 14.2 |   | 21:48 | #26 | *     | *  | *  | *  | 6:15 | -1   | *     | *    | *     | *  |    |    |   |   |
| 9  | 23   | 20 | 16 | 12 | 8  | 4  | 0  | -1 | -1 | 1   | 4   | 8   | 12 | 16 | 18 | 20 | 22 | 23 | 23 | 23 | 24 | 25 | 26 | 26 | 352 | 14.7 |   | 23:15 | #26 | *     | *  | *  | *  | 7:28 | -1   | *     | *    | *     | *  |    |    |   |   |
| 10 | 26   | 24 | 21 | 17 | 13 | 8  | 3  | 0  | -2 | -2  | 0   | 4   | 9  | 13 | 16 | 19 | 20 | 21 | 21 | 21 | 21 | 22 | 23 | 25 | 343 | 14.3 |   | *     | *   | *     | *  | *  | *  | *    | 8:24 | -2    | *    | *     | *  | *  |    |   |   |
| 11 | 26   | 26 | 24 | 21 | 17 | 12 | 6  | 1  | -2 | -4  | -3  | 0   | 5  | 10 | 14 | 16 | 18 | 18 | 18 | 18 | 17 | 18 | 19 | 21 | 316 | 13.2 |   | 0:29  | #26 | 16:52 | 18 | *  | *  | *    | *    | 9:10  | -4   | 19:49 | 17 | *  | *  | * | * |
| 12 | 23   | 25 | 25 | 23 | 20 | 15 | 9  | 3  | -1 | -4  | -5  | -3  | 1  | 6  | 10 | 14 | 15 | 16 | 15 | 14 | 13 | 13 | 14 | 15 | 276 | 11.5 | F | 1:32  | 25  | 16:49 | 16 | *  | *  | *    | *    | 9:49  | -5   | 20:50 | 13 | *  | *  | * | * |
| 13 | 18   | 21 | 23 | 22 | 20 | 17 | 11 | 5  | 0  | -4  | -6  | -5  | -2 | 2  | 7  | 11 | 13 | 14 | 13 | 11 | 10 | 9  | 9  | 10 | 229 | 9.5  |   | 2:25  | 23  | 16:59 | 14 | *  | *  | *    | *    | 10:22 | -6   | 21:37 | 9  | *  | *  | * | * |
| 14 | 12   | 15 | 18 | 20 | 19 | 17 | 13 | 7  | 2  | -3  | -5  | -6  | -5 | -1 | 4  | 8  | 11 | 12 | 12 | 10 | 7  | 6  | 5  | 5  | 183 | 7.6  |   | 3:14  | 20  | 17:13 | 12 | *  | *  | *    | *    | 10:52 | -6   | 22:21 | 5  | *  | *  | * | * |
| 15 | 7    | 10 | 13 | 16 | 17 | 16 | 13 | 9  | 3  | -1  | -4  | -6  | -5 | -2 | 2  | 6  | 9  | 11 | 11 | 9  | 6  | 4  | 2  | 2  | 148 | 6.2  |   | 4:1   | 17  | 17:27 | 11 | *  | *  | *    | *    | 11:17 | -6   | 23:2  | 2  | *  | *  | * | * |
| 16 | 2    | 4  | 8  | 11 | 13 | 14 | 13 | 10 | 6  | 1   | -2  | -3  | -3 | -2 | 2  | 6  | 9  | 10 | 11 | 9  | 7  | 4  | 1  | 0  | 131 | 5.5  |   | 4:47  | 14  | 17:39 | 11 | *  | *  | *    | *    | 11:36 | -4   | 23:42 | 0  | *  | *  | * | * |
| 17 | 0    | 1  | 3  | 7  | 10 | 11 | 11 | 10 | 7  | 4   | 2   | 0   | 0  | 1  | 3  | 6  | 9  | 11 | 12 | 11 | 8  | 5  | 2  | 0  | 134 | 5.6  |   | 5:37  | 11  | 17:47 | 12 | *  | *  | *    | *    | 11:47 | 0    | *     | *  | *  | *  |   |   |
| 18 | -1   | -1 | 1  | 3  | 6  | 8  | 10 | 10 | 9  | 7   | 5   | 4   | 3  | 4  | 6  | 9  | 11 | 13 | 14 | 13 | 11 | 8  | 4  | 2  | 159 | 6.6  |   | 6:34  | 10  | 17:52 | 14 | *  | *  | *    | *    | 0:25  | -1   | 11:43 | 3  | *  | *  | * | * |
| 19 | 0    | -1 | 0  | 1  | 4  | 6  | 8  | 9  | 9  | 8   | 8   | 7   | 7  | 8  | 9  | 12 | 14 | 16 | 16 | 16 | 14 | 11 | 8  | 5  | 195 | 8.1  |   | 7:46  | 9   | 17:59 | 16 | *  | *  | *    | *    | 1:10  | -1   | 11:13 | 7  | *  | *  | * | * |
| 20 | 2    | 1  | 0  | 1  | 2  | 4  | 6  | 7  | 9  | 9   | 9   | 10  | 10 | 11 | 13 | 14 | 16 | 18 | 19 | 19 | 17 | 15 | 12 | 8  | 232 | 9.7  |   | 18:12 | 19  | *     | *  | *  | *  | 2:4  | 0    | *     | *    | *     | *  |    |    |   |   |
| 21 | 6    | 3  | 2  | 1  | 2  | 3  | 4  | 6  | 7  | 9   | 10  | 11  | 13 | 14 | 15 | 17 | 18 | 20 | 21 | 21 | 20 | 18 | 16 | 13 | 270 | 11.3 | L | 18:34 | 21  | *     | *  | *  | *  | 3:11 | 1    | *     | *    | *     | *  |    |    |   |   |
| 22 | 9    | 7  | 4  | 3  | 2  | 2  | 2  | 4  | 6  | 8   | 10  | 12  | 13 | 15 | 17 | 18 | 19 | 21 | 22 | 22 | 22 | 21 | 19 | 16 | 294 | 12.3 |   | 19:8  | 22  | *     | *  | *  | *  | 4:33 | 2    | *     | *    | *     | *  |    |    |   |   |
| 23 | 13   | 10 | 7  | 5  | 3  | 1  | 1  | 1  | 3  | 5   | 8   | 10  | 13 | 15 | 17 | 18 | 19 | 20 | 21 | 22 | 22 | 22 | 21 | 19 | 296 | 12.3 |   | 20:4  | 22  | *     | *  | *  | *  | 5:55 | 1    | *     | *    | *     | *  |    |    |   |   |
| 24 | 17   | 14 | 10 | 7  | 4  | 1  | -1 | -1 | -1 | 1   | 4   | 7   | 11 | 14 | 16 | 17 | 18 | 19 | 19 | 20 | 20 | 21 | 21 | 20 | 278 | 11.6 |   | 21:56 | 21  | *     | *  | *  | *  | 7:0  | -1   | *     | *    | *     | *  |    |    |   |   |
| 25 | 19   | 17 | 13 | 10 | 6  | 2  | -2 | -4 | -4 | -3  | -1  | 3   | 7  | 11 | 14 | 15 | 16 | 16 | 16 | 16 | 17 | 17 | 19 | 20 | 240 | 10.0 |   | 23:38 | 20  | *     | *  | *  | *  | 7:52 | -4   | *     | *    | *     | *  |    |    |   |   |
| 26 | 20   | 18 | 16 | 12 | 8  | 3  | -1 | -5 | -7 | -7  | -5  | -2  | 3  | 7  | 11 | 13 | 14 | 13 | 13 | 12 | 12 | 13 | 14 | 16 | 191 | 8.0  |   | 16:15 | 14  | *     | *  | *  | *  | 8:37 | -8   | 19:37 | 12   | *     | *  | *  | *  |   |   |
| 27 | 18   | 19 | 18 | 15 | 11 | 6  | 0  | -5 | -8 | -10 | -9  | -6  | -2 | 3  | 7  | 10 | 11 | 11 | 9  | 8  | 7  | 7  | 8  | 11 | 139 | 5.8  |   | 0:53  | 19  | 16:14 | 11 | *  | *  | *    | *    | 9:17  | -10  | 20:32 | 7  | *  | *  | * | * |
| 28 | 14   | 17 | 18 | 17 | 14 | 9  | 3  | -3 | -7 | -10 | -11 | -10 | -6 | 0  | 5  | 8  | 9  | 9  | 7  | 5  | 3  | 2  | 2  | 4  | 99  | 4.1  | N | 1:59  | 18  | 16:23 | 10 | *  | *  | *    | *    | 9:56  | #-11 | 21:23 | 2  | *  | *  | * | * |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位  |    |    | 推算月最低潮位  |     |    |
|----------|--------------|---------------|----------|----|----|----------|-----|----|
|          |              |               | 起時       | 潮位 | 回数 | 起時       | 潮位  | 回数 |
| 672      | 6414         | 9.5           | 11日0時29分 | 26 | 3  | 28日9時56分 | -11 | 1  |

# 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45' N

経度：140° 4' E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 3 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |     |     | 日合計 |     | 日平均  |      | 月     |       | 満潮    |    |    |    |    |      |       |      | 干潮    |      |   |   |   |   |  |  |
|----|------|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|------|------|-------|-------|-------|----|----|----|----|------|-------|------|-------|------|---|---|---|---|--|--|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21  | 22  | 23  | 時刻  | 潮位   | 時刻   | 潮位    | 時刻    | 潮位    | 時刻 | 潮位 | 時刻 | 潮位 | 時刻   | 潮位    | 時刻   | 潮位    |      |   |   |   |   |  |  |
| 1  | 7    | 12 | 15 | 16 | 15 | 12 | 7  | 1  | -4 | -8 | -10 | -10 | -8 | -3 | 3  | 7  | 9  | 9  | 7  | 4  | 0  | -2  | -3  | -3  | 73  | 3.0  |      | 3:2   | 16    | 16:36 | 9  | *  | *  | *  | *    | 10:32 | -11  | 22:13 | -3   | * | * | * | * |  |  |
| 2  | 0    | 5  | 10 | 14 | 15 | 14 | 11 | 6  | 1  | -4 | -7  | -8  | -7 | -3 | 2  | 7  | 9  | 10 | 9  | 5  | 0  | -4  | -6  | -7  | 72  | 3.0  |      | 4:6   | 15    | 16:51 | 10 | *  | *  | *  | *    | 11:5  | -8   | 23:3  | -7   | * | * | * | * |  |  |
| 3  | -6   | -2 | 3  | 8  | 12 | 13 | 13 | 10 | 6  | 2  | -1  | -3  | -3 | -1 | 3  | 8  | 11 | 12 | 11 | 8  | 4  | -2  | -6  | -8  | 92  | 3.8  |      | 5:13  | 13    | 17:7  | 12 | *  | *  | *  | *    | 11:34 | -3   | 23:56 | -9   | * | * | * | * |  |  |
| 4  | -9   | -8 | -4 | 2  | 7  | 10 | 12 | 12 | 9  | 7  | 4   | 3   | 2  | 3  | 6  | 10 | 13 | 15 | 15 | 13 | 9  | 3   | -2  | -6  | 126 | 5.3  |      | 6:23  | 12    | 17:26 | 15 | *  | *  | *  | *    | 11:52 | 2    | *     | *    | * | * | * | * |  |  |
| 5  | -9   | -9 | -8 | -4 | 1  | 5  | 9  | 10 | 11 | 10 | 8   | 8   | 8  | 8  | 10 | 13 | 16 | 18 | 18 | 17 | 14 | 10  | 4   | -1  | 167 | 7.0  |      | 7:42  | 11    | 17:49 | 18 | *  | *  | *  | *    | 0:52  | -9   | 11:23 | 8    | * | * | * | * |  |  |
| 6  | -5   | -7 | -8 | -7 | -3 | 0  | 4  | 7  | 9  | 10 | 11  | 11  | 12 | 13 | 14 | 16 | 18 | 20 | 21 | 20 | 19 | 15  | 11  | 6   | 207 | 8.6  |      | 18:15 | 21    | *     | *  | *  | *  | *  | *    | 1:53  | -8   | *     | *    | * | * | * | * |  |  |
| 7  | 2    | -2 | -5 | -6 | -5 | -3 | 0  | 3  | 6  | 9  | 10  | 12  | 14 | 15 | 17 | 18 | 19 | 21 | 22 | 22 | 21 | 19  | 16  | 13  | 238 | 9.9  | U    | 18:47 | #22   | *     | *  | *  | *  | *  | *    | 3:6   | -6   | *     | *    | * | * | * | * |  |  |
| 8  | 8    | 4  | 1  | -2 | -4 | -4 | -3 | -1 | 2  | 5  | 8   | 11  | 13 | 16 | 17 | 19 | 20 | 20 | 21 | 21 | 22 | 21  | 20  | 17  | 252 | 10.5 |      | 19:37 | #22   | *     | *  | *  | *  | *  | *    | 4:37  | -4   | *     | *    | * | * | * | * |  |  |
| 9  | 14   | 10 | 7  | 3  | 0  | -2 | -3 | -3 | -1 | 2  | 5   | 9   | 12 | 14 | 17 | 18 | 19 | 19 | 19 | 19 | 20 | 20  | 20  | 19  | 257 | 10.7 |      | 21:38 | 20    | *     | *  | *  | *  | *  | *    | 6:10  | -3   | *     | *    | * | * | * | * |  |  |
| 10 | 18   | 15 | 12 | 8  | 4  | 0  | -2 | -4 | -3 | -1 | 2   | 6   | 9  | 12 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 17  | 18  | 19  | 241 | 10.0 |      | 23:24 | 19    | *     | *  | *  | *  | *  | *    | 7:20  | -4   | *     | *    | * | * | * | * |  |  |
| 11 | 18   | 17 | 15 | 11 | 7  | 3  | -1 | -3 | -5 | -4 | -1  | 3   | 6  | 10 | 12 | 14 | 14 | 13 | 13 | 12 | 12 | 12  | 13  | 15  | 206 | 8.6  |      | 15:44 | 14    | *     | *  | *  | *  | *  | *    | 8:10  | -5   | 20:3  | 12   | * | * | * | * |  |  |
| 12 | 17   | 17 | 16 | 14 | 10 | 5  | 1  | -3 | -5 | -6 | -4  | -1  | 3  | 7  | 10 | 11 | 12 | 11 | 9  | 8  | 7  | 7   | 8   | 11  | 165 | 6.9  |      | 0:43  | 17    | 15:37 | 12 | *  | *  | *  | *    | 8:49  | -6   | 20:37 | 7    | * | * | * | * |  |  |
| 13 | 13   | 15 | 15 | 14 | 11 | 7  | 3  | -2 | -5 | -6 | -6  | -3  | 1  | 5  | 8  | 10 | 10 | 9  | 6  | 4  | 3  | 2   | 3   | 5   | 122 | 5.1  |      | 1:45  | 15    | 15:41 | 10 | *  | *  | *  | *    | 9:22  | -6   | 21:8  | 2    | * | * | * | * |  |  |
| 14 | 8    | 11 | 13 | 13 | 12 | 9  | 4  | 0  | -4 | -6 | -7  | -5  | -2 | 3  | 6  | 8  | 9  | 8  | 5  | 2  | 0  | -1  | -1  | 0   | 85  | 3.5  | F    | 2:38  | 14    | 15:50 | 9  | *  | *  | *  | *    | 9:50  | -7   | 21:39 | -1   | * | * | * | * |  |  |
| 15 | 3    | 7  | 10 | 12 | 12 | 10 | 6  | 2  | -2 | -4 | -6  | -5  | -2 | 1  | 5  | 8  | 8  | 8  | 5  | 2  | -1 | -4  | -4  | -4  | 67  | 2.8  |      | 3:27  | 12    | 16:1  | 8  | *  | *  | *  | *    | 10:14 | -6   | 22:11 | -4   | * | * | * | * |  |  |
| 16 | -1   | 2  | 6  | 9  | 11 | 10 | 8  | 4  | 1  | -2 | -3  | -4  | -2 | 2  | 5  | 8  | 9  | 8  | 6  | 3  | -1 | -4  | -6  | -6  | 63  | 2.6  |      | 4:15  | 11    | 16:11 | 9  | *  | *  | *  | *    | 10:34 | -4   | 22:43 | -6   | * | * | * | * |  |  |
| 17 | -5   | -1 | 3  | 7  | 9  | 10 | 9  | 7  | 4  | 1  | 0   | -1  | 0  | 3  | 6  | 9  | 10 | 10 | 8  | 5  | 1  | -3  | -6  | -7  | 79  | 3.3  |      | 5:4   | 10    | 16:21 | 10 | *  | *  | *  | *    | 10:48 | -1   | 23:17 | -7   | * | * | * | * |  |  |
| 18 | -6   | -4 | 0  | 4  | 7  | 9  | 10 | 9  | 7  | 5  | 3   | 3   | 4  | 6  | 8  | 11 | 13 | 13 | 11 | 8  | 4  | 0   | -4  | -6  | 115 | 4.8  |      | 5:54  | 10    | 16:29 | 13 | *  | *  | *  | *    | 10:52 | 3    | 23:54 | -6   | * | * | * | * |  |  |
| 19 | -6   | -5 | -2 | 1  | 5  | 7  | 9  | 9  | 9  | 7  | 7   | 7   | 7  | 9  | 11 | 13 | 15 | 15 | 14 | 12 | 8  | 3   | 0   | -3  | 152 | 6.3  |      | 6:49  | 10    | 16:40 | 15 | *  | *  | *  | *    | 10:37 | 7    | *     | *    | * | * | * | * |  |  |
| 20 | -5   | -5 | -3 | 0  | 3  | 6  | 8  | 9  | 10 | 9  | 9   | 9   | 10 | 12 | 13 | 15 | 17 | 18 | 17 | 15 | 12 | 8   | 3   | 0   | 190 | 7.9  |      | 16:54 | 18    | *     | *  | *  | *  | *  | *    | 0:35  | -5   | *     | *    | * | * | * | * |  |  |
| 21 | -2   | -3 | -3 | -1 | 1  | 4  | 6  | 8  | 9  | 10 | 11  | 11  | 12 | 14 | 15 | 17 | 18 | 19 | 19 | 17 | 15 | 11  | 7   | 4   | 219 | 9.1  |      | 17:12 | 19    | *     | *  | *  | *  | *  | *    | 1:22  | -3   | *     | *    | * | * | * | * |  |  |
| 22 | 1    | -1 | -2 | -2 | 0  | 2  | 4  | 6  | 8  | 9  | 11  | 12  | 13 | 15 | 16 | 17 | 19 | 20 | 20 | 19 | 17 | 14  | 11  | 7   | 236 | 9.8  | L    | 17:35 | 20    | *     | *  | *  | *  | *  | *    | 2:21  | -2   | *     | *    | * | * | * | * |  |  |
| 23 | 4    | 2  | 0  | -1 | -2 | -1 | 1  | 3  | 5  | 7  | 9   | 11  | 13 | 15 | 16 | 17 | 18 | 19 | 19 | 19 | 18 | 16  | 13  | 10  | 231 | 9.6  |      | 18:4  | 19    | *     | *  | *  | *  | *  | *    | 3:36  | -2   | *     | *    | * | * | * | * |  |  |
| 24 | 7    | 4  | 2  | -1 | -2 | -3 | -2 | -1 | 1  | 4  | 6   | 9   | 11 | 13 | 15 | 16 | 16 | 16 | 17 | 17 | 17 | 16  | 15  | 12  | 205 | 8.5  |      | 18:50 | 17    | *     | *  | *  | *  | *  | *    | 5:4   | -3   | *     | *    | * | * | * | * |  |  |
| 25 | 10   | 7  | 4  | 1  | -2 | -4 | -5 | -5 | -3 | -1 | 3   | 6   | 9  | 11 | 12 | 13 | 13 | 13 | 13 | 13 | 14 | 14  | 14  | 13  | 163 | 6.8  |      | 21:45 | 14    | *     | *  | *  | *  | *  | *    | 6:19  | -5   | *     | *    | * | * | * | * |  |  |
| 26 | 12   | 9  | 6  | 3  | -1 | -4 | -6 | -7 | -7 | -5 | -2  | 2   | 6  | 8  | 10 | 11 | 10 | 10 | 9  | 9  | 9  | 10  | 11  | 13  | 116 | 4.8  |      | 15:5  | 11    | 23:40 | 13 | *  | *  | *  | *    | 7:16  | -7   | 19:2  | 9    | * | * | * | * |  |  |
| 27 | 13   | 12 | 9  | 6  | 2  | -2 | -6 | -8 | -9 | -8 | -5  | -1  | 3  | 6  | 8  | 8  | 8  | 6  | 4  | 3  | 3  | 4   | 6   | 9   | 71  | 3.0  |      | 14:54 | 8     | *     | *  | *  | *  | *  | *    | 8:4   | -9   | 19:46 | 3    | * | * | * | * |  |  |
| 28 | 12   | 13 | 12 | 10 | 6  | 1  | -3 | -7 | -9 | -9 | -8  | -4  | 1  | 4  | 7  | 8  | 7  | 4  | 1  | -1 | -2 | -2  | 0   | 3   | 44  | 1.8  |      | 1:3   | 13    | 14:56 | 8  | *  | *  | *  | *    | 8:46  | -9   | 20:29 | -2   | * | * | * | * |  |  |
| 29 | 8    | 11 | 13 | 12 | 10 | 6  | 1  | -3 | -6 | -8 | -8  | -5  | 0  | 4  | 7  | 8  | 7  | 5  | 1  | -3 | -6 | -8  | -7  | -4  | 35  | 1.5  | N    | 2:17  | 13    | 15:5  | 8  | *  | *  | *  | *    | 9:24  | -8   | 21:15 | -8   | * | * | * | * |  |  |
| 30 | 1    | 7  | 11 | 13 | 13 | 10 | 7  | 2  | -2 | -4 | -5  | -4  | 0  | 5  | 8  | 10 | 10 | 7  | 3  | -3 | -7 | -10 | -10 | 51  | 2.1 |      | 3:27 | 13    | 15:19 | 10    | *  | *  | *  | *  | 9:59 | -5    | 22:3 | -11   | *    | * | * | * |   |  |  |
| 31 | -6   | 0  | 6  | 11 | 13 | 13 | 11 | 7  | 4  | 1  | 0   | 0   | 2  | 6  | 11 | 13 | 13 | 12 | 7  | 2  | -5 | -10 | -13 | -14 | 84  | 3.5  |      | 4:35  | 13    | 15:39 | 14 | *  | *  | *  | *    | 10:29 | 0    | 22:52 | #-14 | * | * | * | * |  |  |

| N   | Sum  | Mean | 推算月最高潮位    |    |    | 推算月最低潮位     |     |    |
|-----|------|------|------------|----|----|-------------|-----|----|
|     |      |      | 起時         | 潮位 | 回数 | 起時          | 潮位  | 回数 |
| 744 | 4424 | 5.9  | 8日 19時 37分 | 22 | 2  | 31日 22時 52分 | -14 | 1  |

# 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45' N

経度：140° 4' E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 4 月

| 日  | 毎時潮位 |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     | 満潮  |     |      |   |       |    |       |     | 干潮 |    |      |    |       |     |       |      |    |    |    |    |
|----|------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|------|---|-------|----|-------|-----|----|----|------|----|-------|-----|-------|------|----|----|----|----|
|    | 0    | 1   | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21  | 22  | 23  | 日合計 | 日平均  | 月 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | -12  | -7  | 0  | 6  | 10 | 13 | 13 | 12 | 9  | 7  | 5  | 5  | 6  | 9  | 13 | 16 | 17 | 16 | 13 | 8  | 1  | -5  | -10 | -13 | 132 | 5.5  |   | 5:41  | 13 | 16:4  | 17  | *  | *  | *    | *  | 10:51 | 5   | 23:44 | #-14 | *  | *  | *  | *  |
| 2  | -14  | -11 | -6 | 0  | 6  | 10 | 12 | 13 | 12 | 11 | 10 | 10 | 10 | 12 | 15 | 18 | 20 | 20 | 18 | 14 | 8  | 2   | -4  | -9  | 177 | 7.4  |   | 6:51  | 13 | 16:32 | 20  | *  | *  | *    | *  | 10:38 | 10  | *     | *    | *  | *  | *  | *  |
| 3  | -11  | -12 | -9 | -5 | 0  | 5  | 9  | 11 | 13 | 13 | 13 | 13 | 14 | 15 | 17 | 19 | 21 | 22 | 22 | 19 | 15 | 9   | 3   | -2  | 214 | 8.9  |   | 17:4  | 22 | *     | *   | *  | *  | *    | *  | 0:40  | -12 | *     | *    | *  | *  | *  | *  |
| 4  | -6   | -8  | -9 | -7 | -3 | 1  | 5  | 8  | 11 | 12 | 13 | 14 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 22 | 19 | 15  | 10  | 5   | 239 | 10.0 |   | 17:38 | 23 | *     | *   | *  | *  | *    | *  | 1:41  | -9  | *     | *    | *  | *  | *  | *  |
| 5  | 1    | -3  | -5 | -6 | -5 | -3 | 1  | 4  | 7  | 10 | 12 | 14 | 15 | 17 | 18 | 19 | 20 | 21 | 21 | 21 | 20 | 18  | 15  | 11  | 243 | 10.1 | U | 18:16 | 21 | *     | *   | *  | *  | *    | *  | 2:52  | -6  | *     | *    | *  | *  | *  | *  |
| 6  | 7    | 3   | 0  | -3 | -4 | -3 | -2 | 0  | 3  | 7  | 9  | 12 | 14 | 16 | 17 | 17 | 18 | 18 | 18 | 18 | 18 | 18  | 16  | 14  | 231 | 9.6  |   | 19:25 | 18 | *     | *   | *  | *  | *    | *  | 4:17  | -4  | *     | *    | *  | *  | *  | *  |
| 7  | 11   | 8   | 5  | 1  | -1 | -3 | -3 | -2 | 0  | 3  | 7  | 9  | 12 | 14 | 15 | 15 | 15 | 14 | 14 | 14 | 14 | 15  | 15  | 14  | 206 | 8.6  |   | 15:1  | 15 | 21:47 | 15  | *  | *  | *    | *  | 5:42  | -3  | 18:44 | 14   | *  | *  | *  | *  |
| 8  | 13   | 11  | 8  | 5  | 2  | -1 | -2 | -3 | -2 | 1  | 4  | 7  | 10 | 12 | 12 | 12 | 12 | 11 | 10 | 9  | 9  | 10  | 12  | 13  | 175 | 7.3  |   | 14:27 | 13 | 23:40 | 13  | *  | *  | *    | *  | 6:45  | -3  | 19:24 | 9    | *  | *  | *  | *  |
| 9  | 13   | 12  | 10 | 7  | 4  | 1  | -1 | -3 | -3 | -1 | 2  | 5  | 8  | 10 | 11 | 10 | 9  | 8  | 6  | 5  | 5  | 5   | 7   | 9   | 139 | 5.8  |   | 14:17 | 11 | *     | *   | *  | *  | 7:32 | -3 | 19:56 | 5   | *     | *    | *  | *  |    |    |
| 10 | 11   | 11  | 11 | 9  | 6  | 3  | 0  | -2 | -3 | -2 | 0  | 3  | 6  | 8  | 9  | 9  | 8  | 5  | 3  | 2  | 1  | 1   | 2   | 5   | 106 | 4.4  |   | 0:59  | 11 | 14:17 | 10  | *  | *  | *    | *  | 8:9   | -3  | 20:24 | 0    | *  | *  | *  | *  |
| 11 | 8    | 10  | 10 | 10 | 8  | 5  | 2  | 0  | -2 | -2 | -1 | 2  | 5  | 8  | 9  | 9  | 7  | 5  | 2  | -1 | -2 | -3  | -2  | 1   | 88  | 3.7  |   | 2:0   | 10 | 14:22 | 9   | *  | *  | *    | *  | 8:38  | -2  | 20:50 | -3   | *  | *  | *  | *  |
| 12 | 4    | 8   | 10 | 10 | 9  | 7  | 4  | 2  | 0  | -1 | 0  | 2  | 5  | 8  | 10 | 10 | 8  | 5  | 2  | -2 | -4 | -5  | -5  | -3  | 84  | 3.5  |   | 2:54  | 10 | 14:31 | 10  | *  | *  | *    | *  | 9:3   | -1  | 21:18 | -5   | *  | *  | *  | *  |
| 13 | 1    | 5   | 8  | 10 | 11 | 9  | 7  | 5  | 3  | 2  | 2  | 3  | 6  | 9  | 11 | 11 | 10 | 7  | 3  | -1 | -4 | -6  | -7  | -5  | 100 | 4.2  | F | 3:43  | 11 | 14:42 | 11  | *  | *  | *    | *  | 9:24  | 2   | 21:47 | -7   | *  | *  | *  | *  |
| 14 | -2   | 2   | 7  | 10 | 11 | 11 | 10 | 8  | 6  | 5  | 5  | 6  | 8  | 11 | 13 | 13 | 13 | 10 | 6  | 1  | -3 | -6  | -7  | -7  | 131 | 5.5  |   | 4:31  | 11 | 14:55 | 13  | *  | *  | *    | *  | 9:40  | 5   | 22:19 | -7   | *  | *  | *  | *  |
| 15 | -4   | 0   | 5  | 8  | 11 | 12 | 12 | 11 | 9  | 8  | 8  | 8  | 10 | 13 | 15 | 16 | 16 | 13 | 10 | 5  | 0  | -4  | -6  | -7  | 169 | 7.0  |   | 5:17  | 13 | 15:9  | 16  | *  | *  | *    | *  | 9:50  | 8   | 22:53 | -7   | *  | *  | *  | *  |
| 16 | -5   | -2  | 3  | 7  | 10 | 13 | 13 | 13 | 12 | 11 | 11 | 11 | 13 | 15 | 17 | 19 | 18 | 17 | 14 | 9  | 4  | 0   | -4  | -5  | 214 | 8.9  |   | 6:5   | 13 | 15:26 | 19  | *  | *  | *    | *  | 9:49  | 11  | 23:30 | -6   | *  | *  | *  | *  |
| 17 | -5   | -3  | 1  | 5  | 9  | 11 | 13 | 14 | 14 | 13 | 13 | 14 | 15 | 16 | 19 | 20 | 21 | 20 | 17 | 13 | 8  | 4   | 0   | -3  | 249 | 10.4 |   | 6:59  | 14 | 15:46 | 21  | *  | *  | *    | *  | 9:30  | 13  | *     | *    | *  | *  | *  | *  |
| 18 | -4   | -4  | -1 | 3  | 6  | 9  | 12 | 14 | 14 | 14 | 14 | 15 | 16 | 17 | 19 | 21 | 22 | 21 | 19 | 16 | 12 | 7   | 3   | 0   | 265 | 11.0 |   | 16:8  | 22 | *     | *   | *  | *  | 0:11 | -4 | *     | *   | *     | *    | *  | *  |    |    |
| 19 | -2   | -3  | -2 | 0  | 3  | 7  | 9  | 12 | 13 | 14 | 15 | 15 | 17 | 18 | 19 | 20 | 21 | 22 | 20 | 18 | 15 | 10  | 6   | 2   | 269 | 11.2 |   | 16:33 | 22 | *     | *   | *  | *  | 0:57 | -3 | *     | *   | *     | *    | *  | *  |    |    |
| 20 | 0    | -2  | -2 | -1 | 1  | 3  | 6  | 9  | 11 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 20 | 20 | 18 | 16 | 13  | 9   | 5   | 257 | 10.7 |   | 17:0  | 20 | *     | *   | *  | *  | 1:50 | -2 | *     | *   | *     | *    | *  | *  |    |    |
| 21 | 2    | 0   | -2 | -2 | -2 | 0  | 2  | 5  | 7  | 10 | 11 | 13 | 14 | 16 | 16 | 17 | 17 | 18 | 18 | 17 | 16 | 14  | 11  | 8   | 226 | 9.4  | L | 17:34 | 18 | *     | *   | *  | *  | 2:54 | -2 | *     | *   | *     | *    | *  | *  |    |    |
| 22 | 4    | 2   | -1 | -2 | -3 | -3 | -1 | 1  | 4  | 6  | 9  | 11 | 12 | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14  | 12  | 10  | 186 | 7.8  |   | 19:9  | 14 | *     | *   | *  | *  | 4:8  | -3 | *     | *   | *     | *    | *  | *  |    |    |
| 23 | 7    | 4   | 1  | -1 | -3 | -4 | -4 | -2 | 0  | 3  | 6  | 9  | 10 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 11 | 12  | 12  | 11  | 145 | 6.0  |   | 13:43 | 11 | 21:58 | 12  | *  | *  | *    | *  | 5:21  | -4  | 17:56 | 10   | *  | *  | *  | *  |
| 24 | 10   | 8   | 5  | 2  | -1 | -3 | -4 | -4 | -2 | 1  | 4  | 7  | 9  | 10 | 10 | 9  | 7  | 6  | 5  | 5  | 5  | 7   | 10  | 11  | 117 | 4.9  |   | 13:22 | 10 | 23:52 | 12  | *  | *  | *    | *  | 6:24  | -4  | 18:41 | 5    | *  | *  | *  | *  |
| 25 | 12   | 11  | 9  | 6  | 3  | 0  | -2 | -3 | -2 | 0  | 3  | 6  | 9  | 10 | 10 | 8  | 5  | 3  | 1  | -1 | 0  | 1   | 5   | 8   | 102 | 4.3  |   | 13:19 | 10 | *     | *   | *  | *  | 7:17 | -3 | 19:25 | -1  | *     | *    | *  | *  |    |    |
| 26 | 11   | 13  | 13 | 11 | 8  | 5  | 2  | 0  | 0  | 1  | 3  | 7  | 10 | 12 | 12 | 10 | 6  | 2  | -2 | -4 | -5 | -5  | -2  | 3   | 111 | 4.6  |   | 1:23  | 13 | 13:27 | 12  | *  | *  | *    | *  | 8:2   | 0   | 20:11 | -5   | *  | *  | *  | *  |
| 27 | 8    | 12  | 14 | 15 | 13 | 11 | 8  | 5  | 4  | 4  | 5  | 8  | 12 | 15 | 15 | 14 | 10 | 5  | 0  | -5 | -8 | -9  | -8  | -3  | 145 | 6.0  |   | 2:41  | 15 | 13:45 | 15  | *  | *  | *    | *  | 8:41  | 4   | 20:59 | -9   | *  | *  | *  | *  |
| 28 | 3    | 9   | 13 | 16 | 17 | 16 | 13 | 11 | 9  | 8  | 9  | 11 | 14 | 18 | 19 | 19 | 16 | 11 | 4  | -2 | -7 | -10 | -11 | -9  | 197 | 8.2  | N | 3:52  | 17 | 14:11 | 19  | *  | *  | *    | *  | 9:13  | 8   | 21:49 | -11  | *  | *  | *  | *  |
| 29 | -4   | 3   | 9  | 14 | 17 | 18 | 17 | 15 | 14 | 13 | 13 | 14 | 17 | 20 | 23 | 23 | 22 | 18 | 12 | 4  | -2 | -8  | -11 | -11 | 250 | 10.4 |   | 4:59  | 18 | 14:43 | 23  | *  | *  | *    | *  | 9:35  | 13  | 22:41 | -11  | *  | *  | *  | *  |
| 30 | -9   | -3  | 4  | 10 | 15 | 18 | 19 | 18 | 17 | 17 | 17 | 17 | 19 | 22 | 25 | 27 | 26 | 24 | 19 | 12 | 5  | -2  | -7  | -10 | 300 | 12.5 |   | 6:6   | 19 | 15:19 | #27 | *  | *  | *    | *  | 9:29  | 17  | 23:35 | -10  | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |    |    | 推算月最低潮位    |     |    |
|----------|--------------|---------------|-------------|----|----|------------|-----|----|
|          |              |               | 起時          | 潮位 | 回数 | 起時         | 潮位  | 回数 |
| 720      | 5467         | 7.6           | 30日 15時 19分 | 27 | 1  | 1日 23時 44分 | -14 | 1  |

### 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45' N

経度：140° 4' E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 5 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮  |      |      |       |       |     |       |    | 干潮 |    |    |    |    |       |      |       |       |    |   |   |   |   |   |   |   |   |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|-------|-------|-----|-------|----|----|----|----|----|----|-------|------|-------|-------|----|---|---|---|---|---|---|---|---|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月     | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位    | 時刻   | 潮位    | 時刻    | 潮位 |   |   |   |   |   |   |   |   |   |   |
| 1  | -10  | -7 | -2 | 5  | 10 | 15 | 17 | 19 | 19 | 19 | 19 | 20 | 21 | 23 | 25 | 28 | 28 | 27 | 24 | 19 | 13 | 6  | 0  | -5  | 333  | 13.9 |       | 15:59 | 28  | *     | *  | *  | *  | *  | *  | *  | *     | *    | *     | *     | *  | * | * | * | * | * |   |   |   |   |   |
| 2  | -7   | -7 | -5 | 0  | 5  | 10 | 14 | 17 | 18 | 19 | 19 | 20 | 21 | 22 | 24 | 26 | 28 | 28 | 27 | 24 | 19 | 13 | 7  | 2   | 344  | 14.3 |       | 16:41 | 28  | *     | *  | *  | *  | *  | *  | *  | *     | 0:31 | #-8   | *     | *  | * | * | * | * | * | * |   |   |   |   |
| 3  | -2   | -4 | -4 | -2 | 1  | 6  | 10 | 13 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 24 | 25 | 26 | 26 | 24 | 22 | 17 | 13 | 8   | 336  | 14.0 |       | 17:27 | 26  | *     | *  | *  | *  | *  | *  | *  | *     | 1:30 | -5    | *     | *  | * | * | * | * | * | * |   |   |   |   |
| 4  | 3    | 0  | -2 | -2 | 0  | 3  | 6  | 9  | 12 | 15 | 16 | 18 | 19 | 19 | 20 | 20 | 21 | 22 | 22 | 22 | 21 | 19 | 16 | 12  | 311  | 13.0 | U     | 18:20 | 22  | *     | *  | *  | *  | *  | *  | *  | *     | 2:34 | -2    | *     | *  | * | * | * | * | * | * |   |   |   |   |
| 5  | 8    | 5  | 2  | 0  | 0  | 1  | 3  | 6  | 9  | 12 | 14 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 18 | 18 | 17 | 16 | 14 | 278 | 11.6 |      | 19:41 | 18    | *   | *     | *  | *  | *  | *  | *  | *  | 3:41  | 0    | *     | *     | *  | * | * | * | * | * |   |   |   |   |   |
| 6  | 11   | 8  | 5  | 3  | 2  | 1  | 2  | 4  | 7  | 10 | 12 | 14 | 15 | 15 | 15 | 14 | 13 | 13 | 12 | 13 | 13 | 14 | 14 | 14  | 244  | 10.2 |       | 12:56 | 15  | 21:52 | 14 | *  | *  | *  | *  | *  | *     | 4:45 | 1     | 18:6  | 12 | * | * | * | * | * | * |   |   |   |   |
| 7  | 12   | 10 | 8  | 6  | 4  | 3  | 3  | 4  | 6  | 8  | 11 | 13 | 14 | 14 | 13 | 12 | 11 | 9  | 8  | 8  | 8  | 10 | 11 | 12  | 218  | 9.1  |       | 12:45 | 14  | 23:49 | 12 | *  | *  | *  | *  | *  | *     | 5:41 | 3     | 18:53 | 8  | * | * | * | * | * | * | * | * |   |   |
| 8  | 12   | 12 | 10 | 8  | 7  | 5  | 4  | 4  | 5  | 8  | 10 | 12 | 13 | 14 | 13 | 11 | 9  | 7  | 5  | 4  | 4  | 6  | 8  | 10  | 201  | 8.4  |       | 12:44 | 14  | *     | *  | *  | *  | *  | *  | *  | 6:25  | 4    | 19:26 | 4     | *  | * | * | * | * | * | * | * |   |   |   |
| 9  | 11   | 12 | 12 | 11 | 9  | 8  | 6  | 6  | 7  | 8  | 10 | 12 | 14 | 14 | 13 | 11 | 9  | 6  | 4  | 2  | 1  | 2  | 4  | 7   | 199  | 8.3  |       | 1:12  | 12  | 12:49 | 14 | *  | *  | *  | *  | *  | *     | 7:1  | 6     | 19:55 | 1  | * | * | * | * | * | * | * | * |   |   |
| 10 | 10   | 12 | 13 | 13 | 12 | 10 | 9  | 9  | 9  | 10 | 11 | 14 | 15 | 16 | 15 | 13 | 10 | 7  | 3  | 1  | 0  | 0  | 2  | 5   | 219  | 9.1  |       | 2:18  | 13  | 12:58 | 16 | *  | *  | *  | *  | *  | *     | 7:28 | 8     | 20:22 | 0  | * | * | * | * | * | * | * | * |   |   |
| 11 | 9    | 12 | 14 | 15 | 15 | 13 | 12 | 12 | 11 | 12 | 13 | 15 | 17 | 18 | 18 | 16 | 13 | 9  | 5  | 1  | -1 | -1 | 0  | 3   | 251  | 10.5 |       | 3:14  | 15  | 13:10 | 18 | *  | *  | *  | *  | *  | *     | 7:50 | 11    | 20:51 | -1 | * | * | * | * | * | * | * | * |   |   |
| 12 | 7    | 11 | 14 | 16 | 17 | 17 | 16 | 15 | 14 | 14 | 16 | 18 | 20 | 21 | 21 | 19 | 16 | 12 | 8  | 3  | 0  | -1 | -1 | 1   | 294  | 12.3 |       | 4:3   | 17  | 13:28 | 21 | *  | *  | *  | *  | *  | *     | 8:9  | 14    | 21:23 | -1 | * | * | * | * | * | * | * | * |   |   |
| 13 | 5    | 10 | 14 | 17 | 19 | 19 | 18 | 18 | 17 | 17 | 18 | 20 | 22 | 23 | 24 | 23 | 20 | 16 | 12 | 7  | 3  | 0  | -1 | 0   | 341  | 14.2 | F     | 4:49  | 19  | 13:50 | 24 | *  | *  | *  | *  | *  | *     | 8:25 | 17    | 21:58 | -1 | * | * | * | * | * | * | * | * |   |   |
| 14 | 3    | 8  | 12 | 16 | 19 | 20 | 20 | 20 | 19 | 19 | 20 | 21 | 23 | 25 | 26 | 26 | 24 | 21 | 16 | 11 | 6  | 2  | 0  | 0   | 377  | 15.7 |       | 5:33  | 21  | 14:16 | 26 | *  | *  | *  | *  | *  | *     | 8:36 | 19    | 22:35 | 0  | * | * | * | * | * | * | * | * |   |   |
| 15 | 2    | 6  | 10 | 15 | 18 | 20 | 21 | 21 | 21 | 21 | 21 | 22 | 24 | 26 | 28 | 28 | 27 | 24 | 20 | 15 | 9  | 5  | 2  | 0   | 406  | 16.9 |       | 14:44 | 28  | *     | *  | *  | *  | *  | *  | *  | 23:15 | 0    | *     | *     | *  | * | * | * | * | * | * |   |   |   |   |
| 16 | 1    | 3  | 8  | 12 | 16 | 19 | 21 | 21 | 21 | 21 | 22 | 22 | 24 | 26 | 27 | 29 | 28 | 26 | 23 | 18 | 13 | 8  | 4  | 1   | 414  | 17.3 |       | 15:15 | 29  | *     | *  | *  | *  | *  | *  | *  | 23:57 | 0    | *     | *     | *  | * | * | * | * | * | * |   |   |   |   |
| 17 | 0    | 2  | 5  | 9  | 12 | 16 | 19 | 20 | 21 | 21 | 21 | 22 | 23 | 24 | 26 | 27 | 28 | 27 | 24 | 21 | 16 | 11 | 6  | 3   | 404  | 16.8 |       | 15:47 | 28  | *     | *  | *  | *  | *  | *  | *  | *     | *    | *     | *     | *  | * | * | * | * | * | * | * |   |   |   |
| 18 | 1    | 1  | 2  | 5  | 9  | 12 | 15 | 18 | 19 | 20 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 26 | 24 | 22 | 18 | 13 | 9  | 5   | 380  | 15.8 |       | 16:22 | 26  | *     | *  | *  | *  | *  | *  | *  | 0:42  | 1    | *     | *     | *  | * | * | * | * | * | * | * |   |   |   |
| 19 | 2    | 1  | 1  | 2  | 5  | 8  | 12 | 14 | 16 | 18 | 19 | 19 | 20 | 20 | 21 | 22 | 23 | 23 | 23 | 21 | 19 | 15 | 11 | 7   | 342  | 14.3 |       | 17:6  | 23  | *     | *  | *  | *  | *  | *  | *  | 1:29  | 0    | *     | *     | *  | * | * | * | * | * | * | * |   |   |   |
| 20 | 4    | 2  | 1  | 1  | 2  | 5  | 8  | 11 | 14 | 15 | 17 | 17 | 18 | 18 | 18 | 18 | 19 | 20 | 20 | 20 | 19 | 16 | 13 | 10  | 306  | 12.8 | L     | 18:13 | 20  | *     | *  | *  | *  | *  | *  | *  | 2:21  | 1    | *     | *     | *  | * | * | * | * | * | * | * |   |   |   |
| 21 | 7    | 4  | 2  | 1  | 2  | 3  | 6  | 8  | 11 | 14 | 15 | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 16 | 16 | 17 | 17 | 15 | 13  | 275  | 11.5 |       | 11:48 | 16  | 20:6  | 17 | *  | *  | *  | *  | *  | *     | 3:17 | 1     | 15:51 | 15 | * | * | * | * | * | * | * | * | * |   |
| 22 | 11   | 8  | 6  | 4  | 3  | 4  | 5  | 7  | 10 | 13 | 15 | 16 | 16 | 15 | 13 | 12 | 11 | 10 | 11 | 12 | 13 | 15 | 16 | 16  | 262  | 10.9 |       | 11:30 | 16  | 22:19 | 16 | *  | *  | *  | *  | *  | *     | 4:16 | 3     | 17:10 | 10 | * | * | * | * | * | * | * | * | * | * |
| 23 | 14   | 13 | 10 | 8  | 7  | 6  | 7  | 8  | 10 | 13 | 15 | 17 | 17 | 16 | 13 | 11 | 8  | 7  | 6  | 7  | 8  | 11 | 14 | 16  | 262  | 10.9 |       | 11:33 | 17  | *     | *  | *  | *  | *  | *  | *  | 5:15  | 6    | 18:8  | 6     | *  | * | * | * | * | * | * | * | * | * |   |
| 24 | 17   | 17 | 16 | 14 | 12 | 11 | 10 | 11 | 12 | 15 | 17 | 19 | 20 | 19 | 16 | 12 | 9  | 5  | 3  | 2  | 3  | 6  | 10 | 14  | 290  | 12.1 |       | 0:16  | 17  | 11:47 | 20 | *  | *  | *  | *  | *  | *     | 6:9  | 10    | 19:1  | 2  | * | * | * | * | * | * | * | * | * | * |
| 25 | 18   | 19 | 20 | 19 | 18 | 16 | 15 | 15 | 16 | 17 | 20 | 23 | 24 | 23 | 21 | 17 | 12 | 7  | 3  | 0  | -1 | 1  | 5  | 10  | 338  | 14.1 |       | 1:52  | 20  | 12:11 | 24 | *  | *  | *  | *  | *  | *     | 6:54 | 15    | 19:54 | -1 | * | * | * | * | * | * | * | * | * | * |
| 26 | 15   | 19 | 22 | 23 | 23 | 22 | 21 | 20 | 20 | 21 | 23 | 26 | 28 | 28 | 27 | 23 | 18 | 12 | 6  | 1  | -2 | -3 | -1 | 4   | 396  | 16.5 |       | 3:14  | 23  | 12:44 | 28 | *  | *  | *  | *  | *  | *     | 7:27 | 20    | 20:47 | -3 | * | * | * | * | * | * | * | * | * |   |
| 27 | 10   | 16 | 21 | 24 | 25 | 25 | 25 | 24 | 24 | 24 | 26 | 28 | 31 | 33 | 32 | 30 | 25 | 19 | 12 | 6  | 1  | -3 | -3 | 0   | 455  | 19.0 | N     | 4:27  | 25  | 13:23 | 33 | *  | *  | *  | *  | *  | *     | 7:44 | 24    | 21:41 | -3 | * | * | * | * | * | * | * | * | * |   |
| 28 | 5    | 11 | 17 | 22 | 25 | 27 | 27 | 27 | 26 | 27 | 28 | 29 | 32 | 35 | 36 | 35 | 32 | 27 | 20 | 13 | 6  | 1  | -2 | -2  | 504  | 21.0 |       | 14:8  | 36  | *     | *  | *  | *  | *  | *  | *  | 22:35 | -3   | *     | *     | *  | * | * | * | * | * | * | * | * |   |   |
| 29 | 0    | 6  | 12 | 18 | 22 | 26 | 27 | 27 | 27 | 28 | 28 | 29 | 31 | 34 | 37 | 37 | 36 | 33 | 28 | 21 | 13 | 7  | 2  | -1  | 528  | 22.0 |       | 14:56 | #37 | *     | *  | *  | *  | *  | *  | *  | 23:30 | -1   | *     | *     | *  | * | * | * | * | * | * | * | * |   |   |
| 30 | -1   | 2  | 7  | 13 | 18 | 22 | 25 | 26 | 27 | 27 | 28 | 29 | 30 | 32 | 34 | 36 | 37 | 35 | 32 | 27 | 20 | 13 | 7  | 3   | 529  | 22.0 |       | 15:46 | #37 | *     | *  | *  | *  | *  | *  | *  | *     | *    | *     | *     | *  | * | * | * | * | * | * | * | * |   |   |
| 31 | 1    | 1  | 4  | 8  | 14 | 18 | 22 | 24 | 25 | 26 | 26 | 27 | 27 | 29 | 30 | 32 | 34 | 34 | 33 | 29 | 24 | 18 | 13 | 8   | 507  | 21.1 |       | 16:37 | 34  | *     | *  | *  | *  | *  | *  | *  | 0:23  | 0    | *     | *     | *  | * | * | * | * | * | * | * | * | * |   |

| N   | Sum   | Mean | 推算月最高潮位     |    |    | 推算月最低潮位   |    |    |
|-----|-------|------|-------------|----|----|-----------|----|----|
|     |       |      | 起時          | 潮位 | 回数 | 起時        | 潮位 | 回数 |
| 744 | 10544 | 14.2 | 30日 15時 46分 | 37 | 2  | 2日 0時 31分 | -8 | 1  |

# 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45' N

経度：140° 4' E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 6 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮  |      |      |       |       |     |       |    | 干潮 |    |    |      |       |      |       |       |    |    |    |    |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|-------|-------|-----|-------|----|----|----|----|------|-------|------|-------|-------|----|----|----|----|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月     | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位   | 時刻    | 潮位   | 時刻    | 潮位    | 時刻 | 潮位 | 時刻 | 潮位 |   |
| 1  | 4    | 2  | 3  | 6  | 10 | 14 | 18 | 21 | 23 | 24 | 24 | 24 | 25 | 25 | 26 | 27 | 29 | 30 | 30 | 29 | 26 | 21 | 17 | 12  | 470  | 19.6 |       | 17:28 | 30  | *     | *  | *  | *  | *  | *    | 1:15  | #2   | *     | *     | *  | *  | *  | *  |   |
| 2  | 8    | 5  | 4  | 5  | 8  | 11 | 15 | 18 | 20 | 22 | 22 | 22 | 22 | 22 | 23 | 24 | 25 | 25 | 25 | 24 | 22 | 19 | 15 | 428 | 17.8 |      | 18:24 | 25    | *   | *     | *  | *  | *  | *  | 2: 4 | 4     | *    | *     | *     | *  | *  | *  |    |   |
| 3  | 12   | 9  | 7  | 7  | 8  | 10 | 13 | 16 | 18 | 20 | 21 | 21 | 21 | 20 | 19 | 19 | 19 | 19 | 20 | 21 | 21 | 20 | 19 | 17  | 397  | 16.5 | U     | 10:43 | 21  | 19:41 | 21 | *  | *  | *  | *    | *     | 2:50 | 7     | 15:42 | 19 | *  | *  | *  | * |
| 4  | 14   | 12 | 10 | 9  | 9  | 10 | 12 | 15 | 17 | 19 | 20 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 15 | 16 | 17 | 17 | 18 | 17  | 373  | 15.5 |       | 10:50 | 21  | 21:47 | 18 | *  | *  | *  | *    | *     | 3:30 | 9     | 17: 8 | 15 | *  | *  | *  | * |
| 5  | 16   | 15 | 13 | 12 | 12 | 12 | 13 | 15 | 17 | 19 | 20 | 21 | 20 | 19 | 17 | 15 | 14 | 13 | 12 | 12 | 13 | 15 | 16 | 17  | 368  | 15.3 |       | 10:59 | 21  | 23:53 | 17 | *  | *  | *  | *    | *     | 4: 4 | 12    | 18: 6 | 12 | *  | *  | *  | * |
| 6  | 17   | 17 | 16 | 15 | 15 | 15 | 16 | 17 | 19 | 20 | 22 | 22 | 22 | 20 | 18 | 16 | 14 | 11 | 10 | 10 | 11 | 12 | 14 | 16  | 385  | 16.0 |       | 11: 8 | 22  | *     | *  | *  | *  | *  | *    | 4:28  | 15   | 18:46 | 10    | *  | *  | *  | *  |   |
| 7  | 18   | 19 | 19 | 19 | 19 | 18 | 19 | 20 | 21 | 22 | 24 | 24 | 24 | 23 | 21 | 18 | 15 | 12 | 10 | 9  | 9  | 10 | 13 | 16  | 422  | 17.6 |       | 11:19 | 25  | *     | *  | *  | *  | *  | *    | 19:20 | 9    | *     | *     | *  | *  | *  | *  |   |
| 8  | 18   | 20 | 21 | 22 | 22 | 22 | 22 | 23 | 24 | 25 | 26 | 27 | 27 | 26 | 24 | 21 | 17 | 14 | 11 | 9  | 8  | 9  | 12 | 15  | 465  | 19.4 |       | 11:34 | 27  | *     | *  | *  | *  | *  | *    | 19:53 | 8    | *     | *     | *  | *  | *  | *  |   |
| 9  | 18   | 21 | 23 | 24 | 25 | 25 | 25 | 25 | 26 | 27 | 29 | 30 | 31 | 30 | 28 | 25 | 21 | 17 | 13 | 10 | 8  | 8  | 10 | 14  | 513  | 21.4 |       | 11:58 | 31  | *     | *  | *  | *  | *  | *    | 20:27 | 8    | *     | *     | *  | *  | *  | *  |   |
| 10 | 17   | 21 | 24 | 26 | 27 | 28 | 28 | 28 | 28 | 29 | 31 | 33 | 34 | 34 | 32 | 29 | 25 | 21 | 16 | 12 | 9  | 8  | 9  | 12  | 561  | 23.4 |       | 12:29 | 34  | *     | *  | *  | *  | *  | *    | 21: 5 | 8    | *     | *     | *  | *  | *  | *  |   |
| 11 | 16   | 20 | 24 | 27 | 28 | 29 | 29 | 29 | 30 | 30 | 32 | 34 | 35 | 36 | 35 | 33 | 30 | 25 | 20 | 15 | 11 | 9  | 8  | 10  | 595  | 24.8 | F     | 13: 6 | 36  | *     | *  | *  | *  | *  | *    | 21:44 | 8    | *     | *     | *  | *  | *  | *  |   |
| 12 | 13   | 18 | 22 | 26 | 28 | 30 | 30 | 30 | 30 | 30 | 32 | 33 | 35 | 37 | 37 | 36 | 33 | 29 | 24 | 18 | 13 | 10 | 8  | 8   | 610  | 25.4 |       | 13:45 | 37  | *     | *  | *  | *  | *  | *    | 22:25 | 8    | *     | *     | *  | *  | *  | *  |   |
| 13 | 10   | 14 | 19 | 23 | 26 | 29 | 30 | 30 | 30 | 30 | 31 | 32 | 34 | 36 | 37 | 37 | 35 | 32 | 27 | 21 | 16 | 11 | 8  | 7   | 605  | 25.2 |       | 14:25 | 37  | *     | *  | *  | *  | *  | *    | 23: 7 | 7    | *     | *     | *  | *  | *  | *  |   |
| 14 | 8    | 11 | 15 | 19 | 23 | 26 | 28 | 29 | 29 | 29 | 29 | 30 | 31 | 33 | 35 | 36 | 35 | 33 | 29 | 24 | 18 | 13 | 9  | 7   | 579  | 24.1 |       | 15: 7 | 36  | *     | *  | *  | *  | *  | *    | 23:48 | 6    | *     | *     | *  | *  | *  | *  |   |
| 15 | 6    | 7  | 11 | 15 | 19 | 23 | 25 | 27 | 27 | 27 | 27 | 28 | 29 | 30 | 32 | 33 | 34 | 33 | 30 | 26 | 21 | 15 | 11 | 7   | 543  | 22.6 |       | 15:50 | 34  | *     | *  | *  | *  | *  | *    | *     | *    | *     | *     | *  | *  | *  |    |   |
| 16 | 5    | 6  | 8  | 11 | 15 | 19 | 22 | 24 | 25 | 25 | 25 | 25 | 26 | 27 | 28 | 30 | 31 | 31 | 30 | 27 | 23 | 18 | 13 | 9   | 503  | 21.0 |       | 16:37 | 31  | *     | *  | *  | *  | *  | *    | 0:29  | 5    | *     | *     | *  | *  | *  | *  |   |
| 17 | 7    | 6  | 6  | 9  | 12 | 16 | 19 | 22 | 23 | 24 | 24 | 23 | 23 | 23 | 24 | 25 | 27 | 28 | 28 | 27 | 24 | 20 | 16 | 12  | 468  | 19.5 |       | 9: 0  | 24  | 17:34 | 28 | *  | *  | *  | *    | *     | 1:10 | 6     | 11:59 | 23 | *  | *  | *  | * |
| 18 | 9    | 8  | 7  | 8  | 11 | 14 | 18 | 20 | 22 | 23 | 23 | 22 | 21 | 21 | 20 | 21 | 22 | 23 | 25 | 25 | 24 | 22 | 20 | 16  | 445  | 18.5 |       | 9:16  | 23  | 18:51 | 25 | *  | *  | *  | *    | *     | 1:51 | 7     | 13:59 | 20 | *  | *  | *  | * |
| 19 | 14   | 12 | 10 | 10 | 12 | 14 | 17 | 20 | 22 | 23 | 23 | 22 | 21 | 19 | 18 | 17 | 17 | 18 | 20 | 22 | 23 | 23 | 22 | 21  | 440  | 18.3 | L     | 9:30  | 23  | 20:40 | 23 | *  | *  | *  | *    | *     | 2:32 | 10    | 15:23 | 17 | *  | *  | *  | * |
| 20 | 18   | 17 | 15 | 15 | 15 | 16 | 19 | 21 | 23 | 25 | 25 | 24 | 22 | 20 | 17 | 16 | 14 | 14 | 15 | 17 | 20 | 22 | 23 | 24  | 457  | 19.0 |       | 9:45  | 25  | 22:50 | 24 | *  | *  | *  | *    | *     | 3:10 | 15    | 16:36 | 14 | *  | *  | *  | * |
| 21 | 23   | 22 | 21 | 20 | 20 | 21 | 22 | 24 | 26 | 28 | 29 | 28 | 26 | 23 | 20 | 16 | 14 | 12 | 12 | 13 | 15 | 19 | 22 | 24  | 500  | 20.8 |       | 10: 7 | 29  | *     | *  | *  | *  | *  | *    | 3:44  | 20   | 17:43 | 11    | *  | *  | *  | *  |   |
| 22 | 26   | 26 | 26 | 26 | 26 | 26 | 26 | 28 | 29 | 31 | 33 | 33 | 32 | 29 | 24 | 20 | 16 | 12 | 10 | 9  | 11 | 14 | 18 | 23  | 554  | 23.1 |       | 1: 4  | 26  | 10:38 | 33 | *  | *  | *  | *    | *     | 4: 6 | 26    | 18:46 | 9  | *  | *  | *  | * |
| 23 | 26   | 28 | 30 | 30 | 30 | 30 | 31 | 31 | 33 | 34 | 36 | 38 | 37 | 35 | 31 | 26 | 21 | 16 | 11 | 9  | 8  | 10 | 14 | 19  | 614  | 25.6 |       | 11:18 | 38  | *     | *  | *  | *  | *  | *    | 19:46 | 8    | *     | *     | *  | *  | *  | *  |   |
| 24 | 24   | 28 | 31 | 32 | 33 | 34 | 34 | 34 | 35 | 37 | 39 | 41 | 42 | 41 | 38 | 34 | 28 | 22 | 16 | 11 | 8  | 7  | 9  | 14  | 672  | 28.0 |       | 12: 6 | 42  | *     | *  | *  | *  | *  | *    | 20:45 | 7    | *     | *     | *  | *  | *  | *  |   |
| 25 | 19   | 25 | 29 | 32 | 34 | 35 | 35 | 36 | 36 | 37 | 39 | 41 | 44 | 44 | 43 | 40 | 35 | 29 | 22 | 16 | 11 | 8  | 7  | 9   | 706  | 29.4 | N     | 13: 0 | 44  | *     | *  | *  | *  | *  | *    | 21:41 | 7    | *     | *     | *  | *  | *  | *  |   |
| 26 | 14   | 20 | 26 | 30 | 33 | 35 | 35 | 35 | 36 | 37 | 38 | 40 | 42 | 45 | 46 | 44 | 41 | 36 | 29 | 22 | 15 | 10 | 7  | 7   | 723  | 30.1 |       | 13:56 | #46 | *     | *  | *  | *  | *  | *    | 22:34 | 7    | *     | *     | *  | *  | *  | *  |   |
| 27 | 10   | 15 | 21 | 26 | 30 | 33 | 34 | 34 | 34 | 35 | 36 | 37 | 39 | 42 | 44 | 45 | 43 | 40 | 35 | 28 | 21 | 14 | 10 | 7   | 713  | 29.7 |       | 14:52 | 45  | *     | *  | *  | *  | *  | *    | 23:23 | 7    | *     | *     | *  | *  | *  | *  |   |
| 28 | 8    | 11 | 16 | 21 | 26 | 29 | 32 | 32 | 32 | 32 | 32 | 33 | 35 | 37 | 40 | 42 | 42 | 41 | 37 | 32 | 25 | 19 | 13 | 10  | 677  | 28.2 |       | 15:45 | 42  | *     | *  | *  | *  | *  | *    | *     | *    | *     | *     | *  | *  | *  |    |   |
| 29 | 8    | 9  | 13 | 17 | 22 | 26 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 32 | 34 | 36 | 38 | 38 | 37 | 33 | 28 | 22 | 17 | 13  | 632  | 26.3 |       | 7:34  | 30  | 16:36 | 38 | *  | *  | *  | *    | *     | 0: 9 | 8     | 9:56  | 30 | *  | *  | *  | * |
| 30 | 10   | 9  | 11 | 15 | 19 | 23 | 26 | 28 | 28 | 28 | 27 | 27 | 27 | 27 | 28 | 30 | 32 | 34 | 33 | 32 | 29 | 25 | 20 | 16  | 584  | 24.3 |       | 7:58  | 28  | 17:27 | 34 | *  | *  | *  | *    | *     | 0:49 | 9     | 11:50 | 27 | *  | *  | *  | * |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |    |    | 推算月最低潮位   |    |    |
|----------|--------------|---------------|-------------|----|----|-----------|----|----|
|          |              |               | 起時          | 潮位 | 回数 | 起時        | 潮位 | 回数 |
| 720      | 16002        | 22.2          | 26日 13時 56分 | 46 | 1  | 1日 1時 15分 | 2  | 1  |

# 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45' N

経度：140° 4' E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 7 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮 |     |      |   |       |      |       |    | 干潮 |    |       |    |       |      |       |      |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|---|-------|------|-------|----|----|----|-------|----|-------|------|-------|------|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均  | 月 | 時刻    | 潮位   | 時刻    | 潮位 | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位   | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 13   | 12 | 12 | 14 | 17 | 21 | 24 | 26 | 27 | 27 | 26 | 25 | 24 | 24 | 24 | 25 | 27 | 28 | 29 | 29 | 28 | 25 | 22 | 19 | 548 | 22.8 |   | 8:22  | 27   | 18:23 | 29 | *  | *  | *     | *  | 1:24  | 11   | 13:30 | 24   | *  | *  | *  | *  |
| 2  | 16   | 15 | 14 | 15 | 17 | 21 | 23 | 26 | 27 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 22 | 23 | 25 | 25 | 25 | 25 | 23 | 21 | 531 | 22.1 |   | 8:43  | 27   | 19:39 | 25 | *  | *  | *     | *  | 1:52  | 14   | 14:48 | 21   | *  | *  | *  | *  |
| 3  | 19   | 18 | 18 | 18 | 19 | 22 | 24 | 26 | 27 | 28 | 27 | 26 | 24 | 23 | 21 | 20 | 20 | 20 | 21 | 22 | 23 | 24 | 24 | 23 | 537 | 22.4 | U | 9: 0  | 28   | 21:39 | 24 | *  | *  | *     | *  | 2: 9  | 18   | 16: 0 | 20   | *  | *  | *  | *  |
| 4  | 22   | 22 | 22 | 22 | 23 | 24 | 26 | 28 | 29 | 30 | 29 | 28 | 26 | 24 | 22 | 20 | 19 | 18 | 19 | 20 | 21 | 22 | 24 | 24 | 564 | 23.5 |   | 9:13  | 30   | *     | *  | *  | *  | 2: 0  | 22 | 17: 6 | 18   | *     | *    | *  | *  |    |    |
| 5  | 25   | 25 | 25 | 26 | 26 | 27 | 29 | 30 | 32 | 32 | 32 | 31 | 29 | 27 | 24 | 22 | 20 | 18 | 18 | 18 | 19 | 21 | 23 | 25 | 604 | 25.2 |   | 9:25  | 32   | *     | *  | *  | *  | 18: 0 | 18 | *     | *    | *     | *    | *  | *  |    |    |
| 6  | 27   | 28 | 29 | 29 | 30 | 31 | 32 | 33 | 35 | 35 | 36 | 35 | 33 | 31 | 28 | 25 | 22 | 19 | 18 | 18 | 18 | 20 | 23 | 25 | 660 | 27.5 |   | 9:44  | 36   | *     | *  | *  | *  | 18:47 | 17 | *     | *    | *     | *    | *  | *  |    |    |
| 7  | 28   | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 38 | 37 | 35 | 32 | 29 | 25 | 22 | 19 | 18 | 18 | 19 | 21 | 25 | 711 | 29.6 |   | 10:16 | 39   | *     | *  | *  | *  | 19:30 | 17 | *     | *    | *     | *    | *  | *  |    |    |
| 8  | 28   | 31 | 33 | 34 | 35 | 36 | 36 | 37 | 39 | 40 | 41 | 41 | 41 | 39 | 36 | 33 | 29 | 25 | 21 | 18 | 17 | 18 | 20 | 23 | 751 | 31.3 |   | 11: 1 | 41   | *     | *  | *  | *  | 20:12 | 17 | *     | *    | *     | *    | *  | *  |    |    |
| 9  | 26   | 30 | 33 | 35 | 36 | 37 | 37 | 38 | 39 | 40 | 42 | 43 | 43 | 42 | 40 | 37 | 33 | 28 | 23 | 19 | 17 | 16 | 17 | 20 | 771 | 32.1 |   | 11:52 | 43   | *     | *  | *  | *  | 20:54 | 16 | *     | *    | *     | *    | *  | *  |    |    |
| 10 | 24   | 28 | 32 | 34 | 36 | 37 | 37 | 37 | 38 | 39 | 41 | 42 | 44 | 44 | 43 | 40 | 36 | 31 | 26 | 21 | 17 | 15 | 15 | 17 | 774 | 32.3 |   | 12:44 | 44   | *     | *  | *  | *  | 21:36 | 14 | *     | *    | *     | *    | *  | *  |    |    |
| 11 | 20   | 24 | 29 | 32 | 34 | 36 | 36 | 36 | 36 | 37 | 38 | 40 | 42 | 43 | 44 | 42 | 39 | 34 | 29 | 23 | 18 | 14 | 13 | 13 | 752 | 31.3 | F | 13:34 | 44   | *     | *  | *  | *  | 22:17 | 13 | *     | *    | *     | *    | *  | *  |    |    |
| 12 | 16   | 20 | 25 | 29 | 32 | 34 | 34 | 34 | 34 | 34 | 35 | 37 | 39 | 41 | 42 | 42 | 40 | 36 | 31 | 25 | 19 | 15 | 12 | 11 | 717 | 29.9 |   | 14:23 | 42   | *     | *  | *  | *  | 22:57 | 11 | *     | *    | *     | *    | *  | *  |    |    |
| 13 | 12   | 16 | 20 | 25 | 29 | 31 | 32 | 32 | 32 | 31 | 32 | 33 | 34 | 37 | 39 | 40 | 40 | 37 | 33 | 27 | 22 | 16 | 12 | 10 | 672 | 28.0 |   | 6:27  | 32   | 15:11 | 40 | *  | *  | *     | *  | 9: 4  | 31   | 23:35 | # 10 | *  | *  | *  | *  |
| 14 | 10   | 12 | 16 | 21 | 25 | 28 | 30 | 31 | 30 | 29 | 29 | 29 | 30 | 32 | 34 | 37 | 38 | 37 | 34 | 30 | 24 | 19 | 14 | 11 | 630 | 26.3 |   | 6:48  | 31   | 16: 1 | 38 | *  | *  | *     | *  | 10: 9 | 29   | *     | *    | *  | *  | *  | *  |
| 15 | 10   | 10 | 13 | 18 | 22 | 26 | 28 | 29 | 29 | 27 | 26 | 26 | 26 | 27 | 29 | 32 | 34 | 35 | 34 | 31 | 27 | 22 | 18 | 14 | 593 | 24.7 |   | 7: 9  | 29   | 16:56 | 35 | *  | *  | *     | *  | 0:12  | # 10 | 11:24 | 26   | *  | *  | *  | *  |
| 16 | 12   | 12 | 13 | 17 | 21 | 25 | 27 | 29 | 29 | 27 | 25 | 24 | 23 | 23 | 24 | 26 | 29 | 31 | 32 | 31 | 29 | 26 | 22 | 19 | 576 | 24.0 |   | 7:28  | 29   | 18: 1 | 32 | *  | *  | *     | *  | 0:46  | 12   | 12:40 | 23   | *  | *  | *  | *  |
| 17 | 17   | 16 | 16 | 18 | 21 | 25 | 28 | 29 | 30 | 29 | 27 | 24 | 22 | 21 | 21 | 22 | 24 | 26 | 29 | 30 | 30 | 28 | 26 | 24 | 583 | 24.3 |   | 7:46  | 30   | 19:27 | 30 | *  | *  | *     | *  | 1:18  | 15   | 13:50 | 21   | *  | *  | *  | *  |
| 18 | 22   | 21 | 21 | 22 | 24 | 27 | 29 | 31 | 32 | 32 | 30 | 27 | 24 | 21 | 20 | 19 | 20 | 22 | 24 | 27 | 28 | 29 | 29 | 28 | 609 | 25.4 | L | 8: 4  | 32   | 21:20 | 29 | *  | *  | *     | *  | 1:42  | 21   | 15: 1 | 19   | *  | *  | *  | *  |
| 19 | 27   | 27 | 26 | 27 | 28 | 30 | 32 | 34 | 36 | 35 | 34 | 31 | 28 | 24 | 21 | 19 | 18 | 18 | 20 | 23 | 26 | 28 | 30 | 31 | 653 | 27.2 |   | 8:28  | 36   | *     | *  | *  | *  | 1:43  | 26 | 16:16 | 18   | *     | *    | *  | *  |    |    |
| 20 | 31   | 31 | 32 | 32 | 33 | 34 | 36 | 38 | 39 | 40 | 39 | 37 | 34 | 30 | 25 | 22 | 19 | 17 | 17 | 19 | 22 | 25 | 28 | 31 | 711 | 29.6 |   | 9: 2  | 40   | *     | *  | *  | *  | 17:32 | 17 | *     | *    | *     | *    | *  | *  |    |    |
| 21 | 33   | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 42 | 43 | 44 | 43 | 40 | 36 | 32 | 27 | 23 | 19 | 17 | 16 | 18 | 21 | 25 | 29 | 767 | 32.0 |   | 9:50  | 44   | *     | *  | *  | *  | 18:45 | 16 | *     | *    | *     | *    | *  | *  |    |    |
| 22 | 32   | 35 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 45 | 46 | 47 | 46 | 43 | 39 | 34 | 28 | 23 | 19 | 16 | 16 | 17 | 20 | 25 | 811 | 33.8 |   | 10:50 | 47   | *     | *  | *  | *  | 19:51 | 16 | *     | *    | *     | *    | *  | *  |    |    |
| 23 | 30   | 33 | 36 | 39 | 40 | 41 | 41 | 42 | 43 | 45 | 46 | 48 | 49 | 48 | 45 | 40 | 35 | 29 | 23 | 18 | 15 | 15 | 16 | 20 | 837 | 34.9 |   | 11:56 | # 49 | *     | *  | *  | *  | 20:49 | 15 | *     | *    | *     | *    | *  | *  |    |    |
| 24 | 25   | 30 | 34 | 37 | 39 | 40 | 40 | 41 | 41 | 42 | 44 | 46 | 48 | 49 | 48 | 45 | 41 | 35 | 28 | 22 | 17 | 14 | 14 | 16 | 836 | 34.8 |   | 12:59 | # 49 | *     | *  | *  | *  | 21:41 | 14 | *     | *    | *     | *    | *  | *  |    |    |
| 25 | 21   | 26 | 31 | 34 | 37 | 38 | 38 | 38 | 38 | 39 | 40 | 42 | 45 | 47 | 48 | 47 | 44 | 39 | 33 | 26 | 20 | 16 | 13 | 13 | 813 | 33.9 | N | 13:59 | 48   | *     | *  | *  | *  | 22:27 | 13 | *     | *    | *     | *    | *  | *  |    |    |
| 26 | 16   | 21 | 26 | 31 | 34 | 35 | 36 | 35 | 35 | 35 | 36 | 37 | 39 | 43 | 45 | 46 | 45 | 42 | 36 | 30 | 23 | 18 | 14 | 13 | 771 | 32.1 |   | 5:43  | 36   | 14:54 | 46 | *  | *  | *     | *  | 8:17  | 35   | 23: 7 | 13   | *  | *  | *  | *  |
| 27 | 14   | 17 | 23 | 27 | 31 | 33 | 34 | 33 | 32 | 31 | 31 | 32 | 33 | 36 | 40 | 42 | 43 | 41 | 38 | 32 | 26 | 21 | 16 | 14 | 720 | 30.0 |   | 5:58  | 34   | 15:46 | 43 | *  | *  | *     | *  | 9:31  | 31   | 23:43 | 13   | *  | *  | *  | *  |
| 28 | 13   | 15 | 20 | 24 | 28 | 31 | 32 | 32 | 30 | 29 | 28 | 28 | 28 | 30 | 33 | 36 | 38 | 38 | 37 | 33 | 29 | 23 | 19 | 16 | 670 | 27.9 |   | 6:17  | 32   | 16:36 | 39 | *  | *  | *     | *  | 10:47 | 28   | *     | *    | *  | *  | *  | *  |
| 29 | 15   | 15 | 18 | 22 | 26 | 29 | 31 | 31 | 30 | 28 | 26 | 25 | 25 | 26 | 28 | 30 | 33 | 34 | 34 | 33 | 30 | 26 | 22 | 19 | 636 | 26.5 |   | 6:37  | 31   | 17:27 | 35 | *  | *  | *     | *  | 0:13  | 15   | 11:54 | 25   | *  | *  | *  | *  |
| 30 | 18   | 17 | 19 | 22 | 26 | 29 | 31 | 31 | 30 | 28 | 26 | 25 | 24 | 23 | 24 | 26 | 28 | 30 | 31 | 31 | 30 | 28 | 25 | 23 | 625 | 26.0 |   | 6:55  | 31   | 18:26 | 31 | *  | *  | *     | *  | 0:37  | 17   | 12:53 | 23   | *  | *  | *  | *  |
| 31 | 21   | 21 | 22 | 24 | 27 | 30 | 31 | 32 | 32 | 30 | 28 | 25 | 24 | 23 | 22 | 23 | 25 | 27 | 28 | 29 | 29 | 29 | 27 | 26 | 635 | 26.5 |   | 7: 9  | 32   | 19:43 | 29 | *  | *  | *     | *  | 0:50  | 21   | 13:51 | 22   | *  | *  | *  | *  |

| N   | Sum   | Mean | 推算月最高潮位 |       |       | 推算月最低潮位        |    |    |               |    |    |
|-----|-------|------|---------|-------|-------|----------------|----|----|---------------|----|----|
|     |       |      | 総回数     | 推算月合計 | 推算月平均 | 起時             | 潮位 | 回数 | 起時            | 潮位 | 回数 |
| 744 | 21068 | 28.3 |         |       |       | 24 日 12 時 59 分 | 49 | 2  | 15 日 0 時 12 分 | 10 | 2  |

# 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45' N

経度：140° 4' E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 8 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮  |      |      |      |       |      |       |    | 干潮 |    |    |       |       |    |       |      |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|------|-------|------|-------|----|----|----|----|-------|-------|----|-------|------|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月    | 時刻    | 潮位   | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位    | 時刻    | 潮位 | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 25   | 25 | 26 | 27 | 29 | 32 | 33 | 34 | 34 | 33 | 30 | 28 | 26 | 24 | 23 | 22 | 23 | 24 | 26 | 27 | 28 | 29 | 29 | 29  | 666  | 27.8 | U    | 7:18  | 34   | *     | *  | *  | *  | *  | *     | 0:41  | 25 | 14:52 | 22   | *  | *  | *  | *  |
| 2  | 29   | 29 | 30 | 31 | 33 | 34 | 36 | 37 | 37 | 36 | 34 | 31 | 29 | 26 | 25 | 23 | 23 | 24 | 26 | 27 | 29 | 30 | 31 | 713 | 29.7 |      | 7:26 | 37    | *    | *     | *  | *  | *  | *  | 16: 1 | 23    | *  | *     | *    | *  | *  | *  |    |
| 3  | 32   | 32 | 33 | 35 | 36 | 37 | 39 | 40 | 40 | 39 | 38 | 35 | 33 | 30 | 28 | 25 | 24 | 23 | 23 | 24 | 26 | 28 | 30 | 32  | 762  | 31.8 |      | 7:43  | 40   | *     | *  | *  | *  | *  | *     | 17:12 | 23 | *     | *    | *  | *  | *  | *  |
| 4  | 33   | 35 | 36 | 37 | 38 | 40 | 41 | 42 | 42 | 42 | 41 | 40 | 37 | 34 | 31 | 28 | 26 | 24 | 23 | 23 | 24 | 26 | 29 | 32  | 804  | 33.5 |      | 8:16  | 42   | *     | *  | *  | *  | *  | *     | 18:17 | 23 | *     | *    | *  | *  | *  | *  |
| 5  | 34   | 36 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 44 | 44 | 43 | 41 | 38 | 35 | 32 | 28 | 25 | 23 | 22 | 23 | 24 | 27 | 30  | 836  | 34.8 |      | 9:10  | 44   | *     | *  | *  | *  | *  | *     | 19:11 | 22 | *     | *    | *  | *  | *  | *  |
| 6  | 33   | 36 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 45 | 45 | 44 | 42 | 39 | 35 | 31 | 27 | 24 | 21 | 21 | 21 | 24 | 27  | 847  | 35.3 |      | 10:23 | 45   | *     | *  | *  | *  | *  | *     | 19:59 | 21 | *     | *    | *  | *  | *  | *  |
| 7  | 31   | 34 | 37 | 38 | 39 | 40 | 40 | 41 | 42 | 43 | 44 | 45 | 45 | 44 | 42 | 38 | 34 | 29 | 25 | 21 | 19 | 18 | 20 | 23  | 832  | 34.7 |      | 11:35 | 45   | *     | *  | *  | *  | *  | *     | 20:42 | 18 | *     | *    | *  | *  | *  | *  |
| 8  | 27   | 31 | 34 | 36 | 38 | 38 | 38 | 38 | 39 | 40 | 42 | 43 | 45 | 45 | 43 | 40 | 36 | 31 | 26 | 21 | 18 | 16 | 16 | 18  | 799  | 33.3 |      | 12:38 | 45   | *     | *  | *  | *  | *  | *     | 21:23 | 16 | *     | *    | *  | *  | *  | *  |
| 9  | 22   | 27 | 31 | 34 | 36 | 36 | 36 | 35 | 35 | 36 | 37 | 39 | 42 | 43 | 43 | 42 | 38 | 34 | 28 | 22 | 17 | 14 | 13 | 14  | 754  | 31.4 | F    | 5: 1  | 36   | 13:34 | 44 | *  | *  | *  | *     | 7:34  | 35 | 22: 1 | 13   | *  | *  | *  | *  |
| 10 | 18   | 23 | 27 | 31 | 33 | 34 | 33 | 32 | 32 | 32 | 32 | 34 | 37 | 40 | 42 | 42 | 39 | 36 | 30 | 24 | 19 | 15 | 12 | 12  | 709  | 29.5 |      | 5: 8  | 34   | 14:27 | 42 | *  | *  | *  | *     | 8:34  | 31 | 22:38 | # 12 | *  | *  | *  | *  |
| 11 | 14   | 19 | 24 | 28 | 31 | 32 | 32 | 30 | 29 | 28 | 28 | 29 | 31 | 34 | 38 | 40 | 39 | 37 | 33 | 27 | 22 | 17 | 13 | 12  | 667  | 27.8 |      | 5:22  | 32   | 15:21 | 40 | *  | *  | *  | *     | 9:34  | 28 | 23:13 | # 12 | *  | *  | *  | *  |
| 12 | 13   | 16 | 21 | 26 | 29 | 31 | 31 | 30 | 27 | 25 | 24 | 24 | 25 | 28 | 32 | 36 | 37 | 37 | 35 | 31 | 26 | 21 | 17 | 15  | 637  | 26.5 |      | 5:38  | 31   | 16:18 | 38 | *  | *  | *  | *     | 10:34 | 24 | 23:46 | 14   | *  | *  | *  | *  |
| 13 | 14   | 16 | 20 | 25 | 28 | 31 | 31 | 30 | 28 | 25 | 22 | 21 | 21 | 23 | 26 | 30 | 34 | 35 | 35 | 33 | 30 | 25 | 22 | 19  | 624  | 26.0 |      | 5:55  | 31   | 17:22 | 35 | *  | *  | *  | *     | 11:33 | 21 | *     | *    | *  | *  | *  | *  |
| 14 | 18   | 19 | 21 | 25 | 29 | 32 | 33 | 32 | 30 | 27 | 23 | 21 | 19 | 19 | 21 | 25 | 29 | 32 | 33 | 34 | 32 | 30 | 27 | 25  | 636  | 26.5 |      | 6:11  | 33   | 18:37 | 34 | *  | *  | *  | *     | 0:15  | 18 | 12:33 | 19   | *  | *  | *  | *  |
| 15 | 24   | 24 | 25 | 28 | 31 | 34 | 35 | 35 | 34 | 31 | 27 | 23 | 20 | 19 | 19 | 20 | 24 | 27 | 30 | 32 | 33 | 32 | 31 | 30  | 668  | 27.8 |      | 6:30  | 36   | 20: 7 | 33 | *  | *  | *  | *     | 0:36  | 24 | 13:35 | 18   | *  | *  | *  | *  |
| 16 | 29   | 29 | 30 | 32 | 34 | 37 | 38 | 39 | 38 | 36 | 32 | 28 | 24 | 21 | 19 | 19 | 20 | 23 | 26 | 29 | 31 | 33 | 33 | 33  | 713  | 29.7 | L    | 6:53  | 39   | *     | *  | *  | *  | *  | *     | 0:22  | 29 | 14:45 | 19   | *  | *  | *  | *  |
| 17 | 34   | 34 | 35 | 36 | 38 | 40 | 41 | 42 | 42 | 41 | 38 | 34 | 30 | 26 | 23 | 20 | 19 | 20 | 22 | 25 | 28 | 31 | 33 | 34  | 766  | 31.9 |      | 7:24  | 42   | *     | *  | *  | *  | *  | *     | 16: 5 | 19 | *     | *    | *  | *  | *  | *  |
| 18 | 36   | 37 | 38 | 39 | 40 | 42 | 43 | 44 | 45 | 45 | 43 | 40 | 36 | 32 | 28 | 25 | 22 | 20 | 20 | 21 | 24 | 27 | 30 | 33  | 810  | 33.8 |      | 8:13  | 45   | *     | *  | *  | *  | *  | *     | 17:34 | 20 | *     | *    | *  | *  | *  | *  |
| 19 | 36   | 38 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 46 | 46 | 45 | 42 | 39 | 35 | 30 | 26 | 22 | 20 | 19 | 20 | 23 | 27 | 30  | 845  | 35.2 |      | 9:26  | # 47 | *     | *  | *  | *  | *  | *     | 18:53 | 19 | *     | *    | *  | *  | *  | *  |
| 20 | 34   | 37 | 39 | 41 | 42 | 42 | 43 | 44 | 45 | 46 | 47 | 47 | 46 | 44 | 40 | 36 | 31 | 26 | 22 | 19 | 18 | 19 | 22 | 27  | 857  | 35.7 |      | 10:50 | # 47 | *     | *  | *  | *  | *  | *     | 19:57 | 18 | *     | *    | *  | *  | *  | *  |
| 21 | 31   | 34 | 37 | 39 | 40 | 40 | 40 | 41 | 41 | 43 | 44 | 46 | 47 | 46 | 44 | 40 | 35 | 30 | 25 | 20 | 18 | 17 | 19 | 22  | 839  | 35.0 |      | 12: 6 | # 47 | *     | *  | *  | *  | *  | *     | 20:47 | 17 | *     | *    | *  | *  | *  | *  |
| 22 | 27   | 31 | 34 | 36 | 37 | 37 | 37 | 37 | 37 | 38 | 40 | 42 | 45 | 46 | 45 | 43 | 39 | 34 | 28 | 22 | 18 | 16 | 16 | 19  | 804  | 33.5 |      | 13:11 | 46   | *     | *  | *  | *  | *  | *     | 21:30 | 16 | *     | *    | *  | *  | *  | *  |
| 23 | 23   | 28 | 31 | 34 | 35 | 35 | 34 | 33 | 33 | 33 | 34 | 37 | 40 | 43 | 44 | 43 | 41 | 36 | 30 | 25 | 20 | 16 | 15 | 16  | 759  | 31.6 | N    | 4:23  | 35   | 14: 8 | 44 | *  | *  | *  | *     | 8: 1  | 33 | 22: 7 | 15   | *  | *  | *  | *  |
| 24 | 20   | 24 | 29 | 31 | 33 | 33 | 32 | 30 | 29 | 28 | 29 | 30 | 34 | 37 | 40 | 41 | 40 | 37 | 33 | 27 | 22 | 18 | 16 | 15  | 708  | 29.5 |      | 4:32  | 33   | 15: 1 | 41 | *  | *  | *  | *     | 9: 2  | 28 | 22:39 | 15   | *  | *  | *  | *  |
| 25 | 17   | 22 | 26 | 30 | 31 | 32 | 31 | 28 | 26 | 25 | 25 | 25 | 28 | 31 | 35 | 38 | 38 | 37 | 34 | 29 | 24 | 20 | 17 | 16  | 665  | 27.7 |      | 4:47  | 32   | 15:51 | 38 | *  | *  | *  | *     | 9:55  | 25 | 23: 6 | 16   | *  | *  | *  | *  |
| 26 | 17   | 20 | 24 | 28 | 31 | 31 | 31 | 28 | 26 | 23 | 22 | 22 | 23 | 26 | 30 | 33 | 35 | 35 | 34 | 31 | 27 | 23 | 20 | 19  | 639  | 26.6 |      | 5: 2  | 31   | 16:42 | 36 | *  | *  | *  | *     | 10:42 | 22 | 23:29 | 19   | *  | *  | *  | *  |
| 27 | 19   | 21 | 24 | 28 | 30 | 32 | 31 | 29 | 26 | 23 | 21 | 20 | 20 | 22 | 25 | 29 | 32 | 33 | 33 | 32 | 29 | 26 | 24 | 22  | 631  | 26.3 |      | 5:17  | 32   | 17:35 | 33 | *  | *  | *  | *     | 11:27 | 20 | 23:43 | 22   | *  | *  | *  | *  |
| 28 | 22   | 23 | 26 | 29 | 31 | 33 | 33 | 31 | 29 | 25 | 22 | 21 | 20 | 20 | 22 | 25 | 28 | 30 | 32 | 32 | 31 | 29 | 27 | 26  | 647  | 27.0 |      | 5:28  | 33   | 18:34 | 32 | *  | *  | *  | *     | 12:11 | 20 | 23:41 | 26   | *  | *  | *  | *  |
| 29 | 26   | 27 | 28 | 31 | 33 | 35 | 35 | 34 | 31 | 28 | 25 | 23 | 21 | 20 | 21 | 23 | 26 | 28 | 30 | 31 | 31 | 31 | 30 | 30  | 678  | 28.3 |      | 5:37  | 35   | 19:48 | 31 | *  | *  | *  | *     | 12:59 | 20 | 23: 6 | 30   | *  | *  | *  | *  |
| 30 | 30   | 31 | 32 | 34 | 36 | 37 | 37 | 37 | 35 | 32 | 29 | 26 | 24 | 22 | 22 | 23 | 24 | 26 | 28 | 30 | 31 | 32 | 32 | 32  | 722  | 30.1 |      | 5:45  | 37   | *     | *  | *  | *  | *  | *     | 13:54 | 22 | *     | *    | *  | *  | *  | *  |
| 31 | 33   | 34 | 35 | 37 | 38 | 40 | 40 | 40 | 38 | 36 | 33 | 30 | 27 | 25 | 24 | 23 | 24 | 25 | 26 | 28 | 30 | 32 | 33 | 34  | 765  | 31.9 | U    | 5:57  | 40   | *     | *  | *  | *  | *  | *     | 15: 0 | 23 | *     | *    | *  | *  | *  | *  |

| N   | Sum   | Mean | 推算月最高潮位       |    |    | 推算月最低潮位        |    |    |
|-----|-------|------|---------------|----|----|----------------|----|----|
|     |       |      | 起時            | 潮位 | 回数 | 起時             | 潮位 | 回数 |
| 744 | 22802 | 30.6 | 21 日 12 時 6 分 | 47 | 3  | 11 日 23 時 13 分 | 12 | 2  |



# 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45′ N

経度：140° 4′ E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 9 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮 |     |      |   |       |      |       |    | 干潮 |    |       |    |       |    |       |      |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|---|-------|------|-------|----|----|----|-------|----|-------|----|-------|------|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均  | 月 | 時刻    | 潮位   | 時刻    | 潮位 | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 35   | 36 | 38 | 39 | 40 | 41 | 42 | 42 | 41 | 39 | 37 | 34 | 31 | 29 | 26 | 25 | 24 | 24 | 25 | 26 | 28 | 30 | 32 | 34 | 798 | 33.3 |   | 6:21  | 42   | *     | *  | *  | *  | *     | *  | 16:22 | 24 | *     | *    | *  | *  | *  | *  |
| 2  | 36   | 37 | 39 | 40 | 41 | 42 | 43 | 43 | 43 | 42 | 40 | 37 | 35 | 32 | 29 | 27 | 25 | 23 | 23 | 24 | 25 | 27 | 30 | 33 | 816 | 34.0 |   | 6:59  | # 43 | *     | *  | *  | *  | *     | *  | 17:45 | 23 | *     | *    | *  | *  | *  | *  |
| 3  | 35   | 37 | 38 | 40 | 40 | 41 | 42 | 42 | 43 | 42 | 42 | 40 | 38 | 35 | 32 | 29 | 26 | 23 | 22 | 21 | 22 | 24 | 27 | 30 | 811 | 33.8 |   | 8:9   | # 43 | *     | *  | *  | *  | *     | *  | 18:48 | 21 | *     | *    | *  | *  | *  | *  |
| 4  | 33   | 35 | 37 | 38 | 39 | 39 | 39 | 40 | 41 | 41 | 42 | 41 | 40 | 37 | 34 | 31 | 27 | 23 | 20 | 19 | 19 | 20 | 23 | 26 | 784 | 32.7 |   | 9:59  | 42   | *     | *  | *  | *  | *     | *  | 19:37 | 19 | *     | *    | *  | *  | *  | *  |
| 5  | 30   | 33 | 35 | 36 | 36 | 36 | 36 | 36 | 37 | 38 | 39 | 40 | 40 | 39 | 37 | 33 | 29 | 24 | 20 | 17 | 16 | 16 | 18 | 22 | 743 | 31.0 |   | 11:29 | 41   | *     | *  | *  | *  | *     | *  | 20:19 | 16 | *     | *    | *  | *  | *  | *  |
| 6  | 26   | 30 | 32 | 34 | 34 | 33 | 33 | 32 | 33 | 34 | 35 | 38 | 39 | 39 | 38 | 35 | 31 | 26 | 21 | 17 | 14 | 13 | 15 | 18 | 700 | 29.2 |   | 3:47  | 34   | 12:38 | 39 | *  | *  | *     | *  | 7:3   | 32 | 20:57 | 13   | *  | *  | *  | *  |
| 7  | 22   | 26 | 29 | 31 | 32 | 31 | 29 | 28 | 28 | 28 | 30 | 33 | 36 | 38 | 38 | 37 | 34 | 29 | 23 | 18 | 15 | 13 | 12 | 15 | 655 | 27.3 |   | 3:47  | 32   | 13:39 | 38 | *  | *  | *     | *  | 7:57  | 28 | 21:34 | # 12 | *  | *  | *  | *  |
| 8  | 19   | 24 | 27 | 30 | 30 | 29 | 27 | 25 | 23 | 23 | 24 | 27 | 31 | 35 | 37 | 37 | 36 | 32 | 27 | 22 | 17 | 14 | 13 | 14 | 623 | 26.0 | F | 3:55  | 30   | 14:38 | 37 | *  | *  | *     | *  | 8:48  | 23 | 22:9  | 13   | *  | *  | *  | *  |
| 9  | 17   | 22 | 26 | 29 | 30 | 29 | 27 | 23 | 21 | 19 | 19 | 20 | 24 | 29 | 33 | 36 | 36 | 35 | 31 | 26 | 21 | 18 | 16 | 15 | 602 | 25.1 |   | 4:6   | 30   | 15:39 | 36 | *  | *  | *     | *  | 9:39  | 19 | 22:42 | 15   | *  | *  | *  | *  |
| 10 | 17   | 21 | 26 | 29 | 31 | 31 | 28 | 24 | 20 | 17 | 16 | 16 | 18 | 22 | 28 | 32 | 35 | 35 | 34 | 30 | 26 | 23 | 20 | 19 | 598 | 24.9 |   | 4:20  | 31   | 16:45 | 35 | *  | *  | *     | *  | 10:31 | 15 | 23:12 | 19   | *  | *  | *  | *  |
| 11 | 20   | 23 | 27 | 31 | 33 | 33 | 31 | 28 | 23 | 18 | 15 | 14 | 14 | 17 | 22 | 27 | 31 | 34 | 35 | 33 | 31 | 28 | 26 | 25 | 619 | 25.8 |   | 4:37  | 33   | 17:54 | 35 | *  | *  | *     | *  | 11:24 | 14 | 23:34 | 24   | *  | *  | *  | *  |
| 12 | 25   | 26 | 29 | 33 | 36 | 36 | 35 | 33 | 28 | 23 | 18 | 15 | 13 | 14 | 17 | 21 | 26 | 30 | 33 | 34 | 33 | 32 | 30 | 30 | 650 | 27.1 |   | 4:58  | 36   | 19:9  | 34 | *  | *  | *     | *  | 12:20 | 13 | 23:23 | 30   | *  | *  | *  | *  |
| 13 | 30   | 30 | 32 | 35 | 38 | 39 | 39 | 37 | 34 | 29 | 24 | 19 | 16 | 15 | 15 | 17 | 21 | 25 | 29 | 31 | 33 | 33 | 33 | 33 | 687 | 28.6 |   | 5:23  | 40   | *     | *  | *  | *  | 13:22 | 14 | *     | *  | *     | *    | *  | *  |    |    |
| 14 | 34   | 35 | 36 | 38 | 40 | 42 | 42 | 41 | 39 | 35 | 30 | 26 | 22 | 19 | 17 | 17 | 18 | 21 | 24 | 27 | 30 | 32 | 34 | 35 | 734 | 30.6 | L | 5:54  | 42   | *     | *  | *  | *  | 14:34 | 16 | *     | *  | *     | *    | *  | *  |    |    |
| 15 | 36   | 37 | 38 | 39 | 41 | 42 | 43 | 43 | 42 | 40 | 37 | 32 | 28 | 24 | 21 | 19 | 18 | 19 | 20 | 23 | 26 | 29 | 32 | 34 | 763 | 31.8 |   | 6:36  | # 43 | *     | *  | *  | *  | 16:1  | 18 | *     | *  | *     | *    | *  | *  |    |    |
| 16 | 36   | 38 | 39 | 40 | 41 | 42 | 43 | 43 | 43 | 43 | 41 | 38 | 34 | 31 | 27 | 23 | 20 | 19 | 18 | 20 | 22 | 25 | 29 | 32 | 787 | 32.8 |   | 7:44  | # 43 | *     | *  | *  | *  | 17:36 | 18 | *     | *  | *     | *    | *  | *  |    |    |
| 17 | 34   | 36 | 38 | 39 | 39 | 40 | 40 | 41 | 41 | 42 | 42 | 41 | 39 | 36 | 32 | 28 | 24 | 20 | 18 | 18 | 19 | 21 | 25 | 29 | 782 | 32.6 |   | 9:29  | 42   | *     | *  | *  | *  | 18:51 | 18 | *     | *  | *     | *    | *  | *  |    |    |
| 18 | 32   | 34 | 36 | 37 | 37 | 37 | 37 | 37 | 38 | 39 | 40 | 41 | 40 | 39 | 36 | 32 | 27 | 23 | 20 | 17 | 17 | 18 | 21 | 25 | 760 | 31.7 |   | 11:7  | 41   | *     | *  | *  | *  | 19:45 | 17 | *     | *  | *     | *    | *  | *  |    |    |
| 19 | 29   | 31 | 33 | 34 | 34 | 33 | 32 | 32 | 33 | 34 | 36 | 38 | 39 | 39 | 38 | 35 | 30 | 26 | 21 | 18 | 16 | 16 | 18 | 22 | 717 | 29.9 |   | 3:10  | 34   | 12:25 | 39 | *  | *  | *     | *  | 7:2   | 32 | 20:28 | 16   | *  | *  | *  | *  |
| 20 | 26   | 29 | 31 | 32 | 31 | 30 | 29 | 28 | 27 | 28 | 30 | 33 | 36 | 38 | 38 | 36 | 32 | 28 | 23 | 19 | 17 | 16 | 17 | 20 | 674 | 28.1 |   | 3:2   | 32   | 13:27 | 38 | *  | *  | *     | *  | 7:49  | 27 | 21:3  | 16   | *  | *  | *  | *  |
| 21 | 24   | 27 | 29 | 30 | 30 | 28 | 26 | 24 | 23 | 23 | 24 | 27 | 31 | 34 | 36 | 36 | 34 | 30 | 25 | 21 | 18 | 16 | 16 | 18 | 630 | 26.3 |   | 3:7   | 30   | 14:21 | 36 | *  | *  | *     | *  | 8:30  | 23 | 21:33 | 16   | *  | *  | *  | *  |
| 22 | 22   | 26 | 28 | 29 | 29 | 27 | 24 | 22 | 20 | 19 | 20 | 22 | 26 | 30 | 33 | 34 | 34 | 31 | 27 | 23 | 20 | 18 | 17 | 18 | 599 | 25.0 | N | 3:16  | 29   | 15:12 | 34 | *  | *  | *     | *  | 9:8   | 19 | 21:59 | 17   | *  | *  | *  | *  |
| 23 | 21   | 25 | 28 | 29 | 29 | 28 | 25 | 21 | 18 | 17 | 16 | 18 | 21 | 25 | 29 | 32 | 33 | 32 | 30 | 26 | 23 | 20 | 19 | 19 | 584 | 24.3 |   | 3:29  | 29   | 16:2  | 33 | *  | *  | *     | *  | 9:44  | 16 | 22:21 | 19   | *  | *  | *  | *  |
| 24 | 22   | 25 | 28 | 30 | 30 | 29 | 26 | 22 | 19 | 16 | 15 | 15 | 17 | 21 | 26 | 29 | 32 | 32 | 31 | 29 | 26 | 24 | 22 | 22 | 588 | 24.5 |   | 3:42  | 30   | 16:51 | 32 | *  | *  | *     | *  | 10:20 | 15 | 22:36 | 22   | *  | *  | *  | *  |
| 25 | 24   | 26 | 29 | 31 | 32 | 31 | 29 | 25 | 21 | 17 | 15 | 15 | 16 | 19 | 23 | 27 | 30 | 31 | 32 | 31 | 29 | 27 | 26 | 26 | 612 | 25.5 |   | 3:54  | 32   | 17:43 | 32 | *  | *  | *     | *  | 10:56 | 15 | 22:41 | 26   | *  | *  | *  | *  |
| 26 | 27   | 28 | 31 | 33 | 34 | 33 | 32 | 28 | 24 | 20 | 17 | 16 | 16 | 17 | 20 | 24 | 28 | 30 | 31 | 32 | 31 | 30 | 29 | 29 | 640 | 26.7 |   | 4:6   | 34   | 18:39 | 32 | *  | *  | *     | *  | 11:35 | 15 | 22:25 | 29   | *  | *  | *  | *  |
| 27 | 30   | 31 | 33 | 35 | 36 | 36 | 35 | 32 | 28 | 24 | 20 | 18 | 17 | 17 | 19 | 22 | 25 | 28 | 30 | 31 | 32 | 31 | 31 | 32 | 673 | 28.0 |   | 4:18  | 36   | *     | *  | *  | *  | 12:19 | 17 | *     | *  | *     | *    | *  | *  |    |    |
| 28 | 32   | 34 | 35 | 37 | 38 | 38 | 37 | 35 | 32 | 28 | 24 | 21 | 19 | 19 | 19 | 21 | 23 | 26 | 28 | 30 | 31 | 32 | 32 | 33 | 704 | 29.3 |   | 4:33  | 38   | *     | *  | *  | *  | 13:10 | 19 | *     | *  | *     | *    | *  | *  |    |    |
| 29 | 34   | 35 | 37 | 38 | 39 | 40 | 39 | 37 | 35 | 32 | 28 | 25 | 22 | 21 | 20 | 20 | 22 | 23 | 25 | 27 | 29 | 31 | 32 | 33 | 724 | 30.2 |   | 4:53  | 40   | *     | *  | *  | *  | 14:12 | 20 | *     | *  | *     | *    | *  | *  |    |    |
| 30 | 35   | 36 | 37 | 38 | 39 | 40 | 39 | 38 | 37 | 34 | 31 | 28 | 25 | 23 | 21 | 20 | 20 | 21 | 22 | 24 | 26 | 28 | 30 | 32 | 724 | 30.2 | U | 5:18  | 40   | *     | *  | *  | *  | 15:30 | 20 | *     | *  | *     | *    | *  | *  |    |    |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位  |    |    | 推算月最低潮位  |    |    |
|----------|--------------|---------------|----------|----|----|----------|----|----|
|          |              |               | 起時       | 潮位 | 回数 | 起時       | 潮位 | 回数 |
| 720      | 20781        | 28.9          | 16日7時44分 | 43 | 4  | 7日21時34分 | 12 | 1  |

## 推算潮位（毎時・満干潮）

地点名：秋田

緯度：39° 45' N

経度：140° 4' E

潮位表基準面の零点：平均海面下 19.0(cm)

2025 年 10 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮 |     |      |   |      |     |       |    | 干潮 |    |    |    |    |       |    |       |    |       |    |    |   |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|---|------|-----|-------|----|----|----|----|----|----|-------|----|-------|----|-------|----|----|---|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均  | 月 | 時刻   | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位    | 時刻 | 潮位    | 時刻 | 潮位    | 時刻 | 潮位 |   |   |   |
| 1  | 34   | 35 | 36 | 37 | 38 | 38 | 38 | 38 | 37 | 35 | 33 | 30 | 28 | 25 | 23 | 21 | 19 | 19 | 19 | 21 | 23 | 25 | 28 | 30 | 710 | 29.6 |   | 5:51 | 38  | *     | *  | *  | *  | *  | *  |    | 16:57 | 19 | *     | *  | *     | *  | *  | * |   |   |
| 2  | 32   | 33 | 34 | 35 | 35 | 36 | 36 | 36 | 36 | 35 | 34 | 32 | 30 | 27 | 24 | 21 | 19 | 17 | 17 | 17 | 19 | 21 | 24 | 27 | 677 | 28.2 | F | 7:3  | 36  | *     | *  | *  | *  | *  | *  |    | 18:6  | 17 | *     | *  | *     | *  | *  | * |   |   |
| 3  | 29   | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 31 | 29 | 26 | 23 | 20 | 17 | 15 | 14 | 15 | 17 | 20 | 24 | 635 | 26.5 |   | 9:45 | 33  | *     | *  | *  | *  | *  | *  |    | 18:58 | 14 | *     | *  | *     | *  | *  | * |   |   |
| 4  | 27   | 29 | 30 | 30 | 29 | 28 | 28 | 28 | 28 | 30 | 31 | 32 | 32 | 31 | 28 | 25 | 21 | 18 | 15 | 13 | 13 | 14 | 17 | 21 | 598 | 24.9 |   | 2:32 | 30  | 11:27 | 32 | *  | *  | *  | *  | *  | *     |    | 6:31  | 28 | 19:41 | 13 | *  | * | * | * |
| 5  | 24   | 27 | 28 | 28 | 26 | 25 | 23 | 23 | 23 | 24 | 27 | 30 | 32 | 32 | 31 | 28 | 24 | 20 | 16 | 14 | 12 | 13 | 15 | 19 | 564 | 23.5 |   | 2:23 | 28  | 12:44 | 32 | *  | *  | *  | *  | *  | *     |    | 7:14  | 23 | 20:21 | 12 | *  | * | * | * |
| 6  | 23   | 25 | 27 | 27 | 25 | 22 | 20 | 18 | 18 | 18 | 21 | 25 | 29 | 32 | 32 | 31 | 28 | 24 | 20 | 16 | 14 | 13 | 15 | 18 | 541 | 22.5 |   | 2:24 | 27  | 13:52 | 32 | *  | *  | *  | *  | *  | *     |    | 7:56  | 18 | 20:57 | 13 | *  | * | * | * |
| 7  | 22   | 26 | 27 | 27 | 26 | 22 | 18 | 15 | 13 | 13 | 15 | 19 | 24 | 29 | 32 | 33 | 32 | 29 | 25 | 21 | 18 | 16 | 16 | 19 | 537 | 22.4 | F | 2:31 | 28  | 14:58 | 33 | *  | *  | *  | *  | *  | *     |    | 8:41  | 13 | 21:31 | 16 | *  | * | * | * |
| 8  | 22   | 27 | 29 | 30 | 28 | 25 | 20 | 15 | 12 | 10 | 10 | 12 | 17 | 24 | 29 | 32 | 33 | 32 | 30 | 26 | 23 | 21 | 20 | 21 | 548 | 22.8 |   | 2:45 | 30  | 16:4  | 33 | *  | *  | *  | *  | *  | *     |    | 9:29  | 9  | 22:2  | 20 | *  | * | * | * |
| 9  | 24   | 28 | 31 | 33 | 32 | 29 | 24 | 18 | 13 | 9  | 7  | 8  | 11 | 17 | 24 | 29 | 32 | 34 | 33 | 30 | 28 | 26 | 25 | 25 | 570 | 23.8 |   | 3:6  | 33  | 17:10 | 34 | *  | *  | *  | *  | *  | *     |    | 10:19 | #7 | 22:25 | 25 | *  | * | * | * |
| 10 | 27   | 30 | 34 | 36 | 36 | 34 | 30 | 24 | 18 | 12 | 9  | 7  | 8  | 12 | 18 | 24 | 28 | 32 | 33 | 33 | 31 | 30 | 29 | 29 | 604 | 25.2 |   | 3:32 | 36  | 18:17 | 33 | *  | *  | *  | *  | *  | *     |    | 11:13 | #7 | 22:21 | 29 | *  | * | * | * |
| 11 | 30   | 32 | 36 | 38 | 39 | 39 | 36 | 31 | 25 | 18 | 13 | 10 | 8  | 9  | 13 | 18 | 23 | 27 | 31 | 32 | 32 | 32 | 32 | 32 | 636 | 26.5 |   | 4:3  | 39  | *     | *  | *  | *  | *  | *  |    | 12:10 | 8  | *     | *  | *     | *  | *  | * |   |   |
| 12 | 33   | 35 | 37 | 39 | 41 | 41 | 40 | 37 | 32 | 26 | 20 | 15 | 12 | 10 | 11 | 14 | 18 | 22 | 26 | 29 | 31 | 32 | 33 | 34 | 668 | 27.8 |   | 4:39 | 41  | *     | *  | *  | *  | *  | *  |    | 13:13 | 10 | *     | *  | *     | *  | *  | * |   |   |
| 13 | 35   | 36 | 37 | 39 | 41 | 42 | 41 | 40 | 37 | 32 | 27 | 22 | 18 | 15 | 13 | 13 | 15 | 18 | 21 | 25 | 28 | 30 | 31 | 33 | 689 | 28.7 |   | 5:20 | #42 | *     | *  | *  | *  | *  | *  |    | 14:25 | 13 | *     | *  | *     | *  | *  | * |   |   |
| 14 | 34   | 35 | 36 | 37 | 39 | 40 | 40 | 40 | 38 | 36 | 32 | 28 | 24 | 20 | 17 | 15 | 14 | 15 | 17 | 20 | 23 | 26 | 29 | 31 | 686 | 28.6 | L | 6:14 | 40  | *     | *  | *  | *  | *  | *  |    | 15:50 | 14 | *     | *  | *     | *  | *  | * |   |   |
| 15 | 33   | 34 | 34 | 35 | 35 | 36 | 36 | 37 | 37 | 36 | 35 | 32 | 29 | 25 | 22 | 18 | 16 | 15 | 15 | 17 | 20 | 23 | 26 | 28 | 674 | 28.1 |   | 7:42 | 37  | *     | *  | *  | *  | *  | *  |    | 17:15 | 15 | *     | *  | *     | *  | *  | * |   |   |
| 16 | 30   | 31 | 32 | 32 | 32 | 31 | 32 | 32 | 33 | 34 | 34 | 33 | 31 | 29 | 25 | 22 | 19 | 16 | 15 | 15 | 17 | 20 | 23 | 26 | 644 | 26.8 |   | 9:41 | 34  | *     | *  | *  | *  | *  | *  |    | 18:22 | 15 | *     | *  | *     | *  | *  | * |   |   |
| 17 | 28   | 29 | 29 | 29 | 28 | 27 | 27 | 27 | 27 | 29 | 31 | 32 | 31 | 30 | 28 | 25 | 21 | 18 | 16 | 15 | 15 | 18 | 20 | 24 | 604 | 25.2 |   | 1:52 | 29  | 11:26 | 32 | *  | *  | *  | *  | *  | *     |    | 6:29  | 26 | 19:12 | 15 | *  | * | * | * |
| 18 | 26   | 27 | 28 | 27 | 25 | 24 | 22 | 22 | 22 | 23 | 26 | 28 | 30 | 30 | 29 | 27 | 24 | 20 | 18 | 16 | 15 | 16 | 19 | 22 | 566 | 23.6 |   | 1:41 | 28  | 12:43 | 30 | *  | *  | *  | *  | *  | *     |    | 7:13  | 22 | 19:50 | 15 | *  | * | * | * |
| 19 | 25   | 26 | 27 | 25 | 23 | 21 | 19 | 18 | 17 | 18 | 21 | 24 | 27 | 29 | 29 | 28 | 25 | 22 | 20 | 17 | 16 | 17 | 18 | 21 | 533 | 22.2 |   | 1:42 | 27  | 13:44 | 29 | *  | *  | *  | *  | *  | *     |    | 7:49  | 17 | 20:21 | 16 | *  | * | * | * |
| 20 | 24   | 26 | 27 | 26 | 23 | 20 | 17 | 15 | 14 | 14 | 16 | 20 | 24 | 27 | 28 | 29 | 27 | 25 | 22 | 20 | 18 | 18 | 19 | 21 | 520 | 21.7 |   | 1:49 | 27  | 14:37 | 29 | *  | *  | *  | *  | *  | *     |    | 8:21  | 14 | 20:47 | 18 | *  | * | * | * |
| 21 | 24   | 27 | 27 | 27 | 24 | 21 | 17 | 14 | 12 | 12 | 13 | 16 | 20 | 24 | 27 | 29 | 29 | 27 | 25 | 22 | 21 | 20 | 21 | 23 | 522 | 21.8 | N | 2:0  | 27  | 15:26 | 29 | *  | *  | *  | *  | *  | *     |    | 8:52  | 12 | 21:7  | 20 | *  | * | * | * |
| 22 | 25   | 28 | 29 | 28 | 26 | 23 | 19 | 15 | 12 | 11 | 11 | 13 | 17 | 22 | 26 | 28 | 30 | 29 | 27 | 25 | 24 | 23 | 23 | 24 | 538 | 22.4 |   | 2:13 | 29  | 16:14 | 30 | *  | *  | *  | *  | *  | *     |    | 9:23  | 10 | 21:22 | 23 | *  | * | * | * |
| 23 | 27   | 29 | 31 | 31 | 29 | 26 | 22 | 17 | 13 | 11 | 10 | 11 | 15 | 19 | 24 | 27 | 30 | 30 | 30 | 28 | 27 | 26 | 26 | 27 | 566 | 23.6 |   | 2:29 | 31  | 17:1  | 30 | *  | *  | *  | *  | *  | *     |    | 9:56  | 10 | 21:31 | 26 | *  | * | * | * |
| 24 | 29   | 31 | 33 | 33 | 32 | 30 | 26 | 21 | 16 | 13 | 11 | 11 | 13 | 17 | 21 | 25 | 28 | 30 | 31 | 30 | 29 | 28 | 29 | 29 | 595 | 24.8 |   | 2:46 | 33  | 17:49 | 31 | *  | *  | *  | *  | *  | *     |    | 10:32 | 11 | 21:31 | 28 | *  | * | * | * |
| 25 | 30   | 33 | 35 | 35 | 35 | 33 | 29 | 25 | 20 | 16 | 13 | 12 | 13 | 15 | 19 | 23 | 26 | 29 | 31 | 31 | 30 | 30 | 31 | 31 | 624 | 26.0 |   | 3:5  | 35  | 18:43 | 31 | *  | *  | *  | *  | *  | *     |    | 11:11 | 12 | 21:16 | 30 | *  | * | * | * |
| 26 | 32   | 34 | 36 | 37 | 37 | 35 | 33 | 28 | 24 | 19 | 16 | 14 | 13 | 14 | 17 | 20 | 24 | 27 | 29 | 30 | 30 | 30 | 31 | 31 | 641 | 26.7 |   | 3:26 | 37  | *     | *  | *  | *  | *  | *  |    | 11:54 | 13 | *     | *  | *     | *  | *  | * |   |   |
| 27 | 32   | 34 | 36 | 37 | 37 | 37 | 35 | 31 | 27 | 23 | 19 | 16 | 14 | 14 | 15 | 18 | 21 | 23 | 26 | 28 | 29 | 30 | 31 | 31 | 643 | 26.8 |   | 3:50 | 37  | *     | *  | *  | *  | *  | *  |    | 12:42 | 14 | *     | *  | *     | *  | *  | * |   |   |
| 28 | 32   | 33 | 35 | 36 | 37 | 36 | 35 | 33 | 29 | 25 | 21 | 18 | 16 | 14 | 14 | 15 | 17 | 20 | 22 | 25 | 26 | 28 | 29 | 30 | 626 | 26.1 |   | 4:15 | 37  | *     | *  | *  | *  | *  | *  |    | 13:37 | 14 | *     | *  | *     | *  | *  | * |   |   |
| 29 | 31   | 32 | 33 | 34 | 35 | 35 | 34 | 33 | 30 | 27 | 23 | 20 | 17 | 15 | 14 | 14 | 15 | 16 | 18 | 21 | 23 | 25 | 27 | 28 | 600 | 25.0 |   | 4:44 | 35  | *     | *  | *  | *  | *  | *  |    | 14:41 | 14 | *     | *  | *     | *  | *  | * |   |   |
| 30 | 29   | 30 | 31 | 31 | 31 | 32 | 32 | 31 | 30 | 27 | 25 | 22 | 19 | 17 | 15 | 13 | 13 | 13 | 15 | 17 | 19 | 22 | 24 | 26 | 564 | 23.5 | U | 5:19 | 32  | *     | *  | *  | *  | *  | *  |    | 15:52 | 13 | *     | *  | *     | *  | *  | * |   |   |
| 31 | 27   | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 27 | 26 | 23 | 21 | 18 | 16 | 14 | 12 | 12 | 12 | 14 | 16 | 19 | 21 | 23 | 525 | 21.9 |   | 4:41 | 28  | *     | *  | *  | *  | *  | *  |    | 17:1  | 12 | *     | *  | *     | *  | *  | * |   |   |

| N   | Sum   | Mean | 推算月最高潮位 |       |       | 推算月最低潮位    |    |    |             |    |    |
|-----|-------|------|---------|-------|-------|------------|----|----|-------------|----|----|
|     |       |      | 総回数     | 推算月合計 | 推算月平均 | 起時         | 潮位 | 回数 | 起時          | 潮位 | 回数 |
| 744 | 18648 | 25.1 |         |       |       | 13日 5時 20分 | 42 | 1  | 10日 11時 13分 | 7  | 2  |

## 推算潮位 (毎時・満干潮)

地点名: 秋田

緯度: 39° 45' N

経度: 140° 4' E

潮位表基準面の零点: 平均海面下 19.0(cm)

2025 年 11 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮  |      |      |      | 干潮   |      |       |    |    |    |    |       |       |       |       |    |    |    |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|------|------|------|-------|----|----|----|----|-------|-------|-------|-------|----|----|----|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月    | 時刻   | 潮位   | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位    | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 |   |   |
| 1  | 25   | 25 | 25 | 25 | 24 | 23 | 23 | 24 | 25 | 25 | 25 | 23 | 21 | 18 | 16 | 14 | 12 | 12 | 12 | 14 | 17 | 20 | 22 | 495 | 20.6 |      | 1:15 | 25   | 9:38 | 26    | *  | *  | *  | *  | 5:34  | 23    | 18:0  | 12    | *  | *  | *  | * |   |
| 2  | 23   | 24 | 23 | 22 | 20 | 19 | 19 | 19 | 20 | 22 | 24 | 25 | 25 | 24 | 22 | 19 | 17 | 14 | 13 | 12 | 13 | 16 | 19 | 22  | 476  | 19.8 |      | 0:54 | 24   | 11:32 | 25 | *  | *  | *  | *     | 6:16  | 19    | 18:49 | 12 | *  | *  | * | * |
| 3  | 23   | 24 | 23 | 21 | 18 | 16 | 14 | 14 | 14 | 17 | 20 | 24 | 26 | 26 | 26 | 24 | 21 | 18 | 16 | 15 | 15 | 16 | 19 | 22  | 472  | 19.7 |      | 0:49 | 24   | 12:58 | 26 | *  | *  | *  | *     | 6:57  | 14    | 19:32 | 15 | *  | *  | * | * |
| 4  | 25   | 26 | 25 | 22 | 19 | 15 | 11 | 10 | 9  | 11 | 15 | 20 | 24 | 27 | 28 | 28 | 26 | 23 | 21 | 19 | 18 | 19 | 21 | 24  | 486  | 20.3 |      | 0:56 | 26   | 14:13 | 28 | *  | *  | *  | *     | 7:41  | 9     | 20:10 | 18 | *  | *  | * | * |
| 5  | 27   | 29 | 28 | 26 | 22 | 17 | 12 | 8  | 6  | 6  | 9  | 14 | 20 | 25 | 29 | 30 | 30 | 28 | 26 | 24 | 22 | 22 | 23 | 26  | 509  | 21.2 | F    | 1:14 | 29   | 15:22 | 30 | *  | *  | *  | *     | 8:29  | 6     | 20:42 | 22 | *  | *  | * | * |
| 6  | 30   | 32 | 32 | 31 | 27 | 21 | 15 | 9  | 5  | 3  | 4  | 8  | 14 | 20 | 26 | 30 | 31 | 31 | 30 | 28 | 27 | 26 | 27 | 29  | 536  | 22.3 |      | 1:40 | 33   | 16:28 | 32 | *  | *  | *  | *     | 9:19  | 3     | 21:3  | 26 | *  | *  | * | * |
| 7  | 32   | 35 | 37 | 36 | 33 | 28 | 22 | 14 | 8  | 4  | 2  | 3  | 8  | 14 | 21 | 26 | 30 | 32 | 32 | 31 | 30 | 29 | 30 | 31  | 568  | 23.7 |      | 2:13 | 37   | 17:33 | 32 | *  | *  | *  | *     | 10:11 | #2    | 21:4  | 29 | *  | *  | * | * |
| 8  | 33   | 36 | 39 | 40 | 38 | 35 | 29 | 22 | 15 | 9  | 5  | 3  | 4  | 8  | 15 | 21 | 26 | 29 | 31 | 31 | 31 | 31 | 32 | 594 | 24.8 |      | 2:52 | 40   | *    | *     | *  | *  | *  | *  | 11:6  | 3     | *     | *     | *  | *  | *  | * |   |
| 9  | 34   | 36 | 39 | 41 | 41 | 39 | 35 | 29 | 22 | 15 | 10 | 6  | 4  | 6  | 10 | 15 | 20 | 25 | 28 | 30 | 30 | 31 | 31 | 32  | 609  | 25.4 |      | 3:34 | #41  | *     | *  | *  | *  | *  | *     | 12:4  | 4     | *     | *  | *  | *  | * | * |
| 10 | 33   | 35 | 37 | 39 | 41 | 40 | 38 | 34 | 29 | 22 | 16 | 11 | 8  | 7  | 8  | 11 | 15 | 19 | 23 | 26 | 28 | 29 | 30 | 31  | 610  | 25.4 |      | 4:21 | #41  | *     | *  | *  | *  | *  | *     | 13:5  | 7     | *     | *  | *  | *  | * | * |
| 11 | 32   | 33 | 34 | 36 | 37 | 38 | 38 | 36 | 32 | 28 | 22 | 17 | 13 | 10 | 9  | 9  | 12 | 15 | 19 | 22 | 24 | 26 | 27 | 28  | 597  | 24.9 |      | 5:13 | 38   | *     | *  | *  | *  | *  | *     | 14:10 | 9     | *     | *  | *  | *  | * | * |
| 12 | 29   | 30 | 30 | 31 | 32 | 33 | 34 | 34 | 32 | 30 | 26 | 22 | 18 | 14 | 12 | 10 | 11 | 12 | 15 | 18 | 21 | 23 | 25 | 26  | 568  | 23.7 | L    | 6:15 | 34   | *     | *  | *  | *  | *  | *     | 15:18 | 10    | *     | *  | *  | *  | * | * |
| 13 | 27   | 27 | 27 | 27 | 27 | 28 | 28 | 29 | 29 | 28 | 27 | 24 | 21 | 18 | 15 | 13 | 12 | 12 | 13 | 16 | 18 | 21 | 23 | 24  | 534  | 22.3 |      | 7:40 | 29   | *     | *  | *  | *  | *  | *     | 16:24 | 12    | *     | *  | *  | *  | * | * |
| 14 | 25   | 25 | 24 | 23 | 23 | 22 | 22 | 23 | 24 | 25 | 25 | 24 | 23 | 21 | 18 | 16 | 14 | 13 | 13 | 15 | 17 | 19 | 21 | 23  | 498  | 20.8 |      | 0:22 | 25   | 9:42  | 25 | *  | *  | *  | *     | 5:8   | 22    | 17:22 | 13 | *  | *  | * | * |
| 15 | 24   | 23 | 22 | 21 | 19 | 18 | 17 | 18 | 19 | 20 | 22 | 23 | 23 | 22 | 20 | 19 | 17 | 15 | 15 | 15 | 16 | 19 | 21 | 23  | 471  | 19.6 |      | 0:11 | 24   | 11:35 | 23 | *  | *  | *  | *     | 6:13  | 17    | 18:10 | 15 | *  | *  | * | * |
| 16 | 23   | 23 | 22 | 20 | 17 | 15 | 14 | 13 | 14 | 16 | 18 | 21 | 22 | 23 | 22 | 21 | 19 | 18 | 17 | 17 | 17 | 19 | 21 | 23  | 455  | 19.0 |      | 0:14 | 23   | 12:59 | 23 | *  | *  | *  | *     | 6:58  | 13    | 18:48 | 17 | *  | *  | * | * |
| 17 | 24   | 24 | 22 | 20 | 17 | 14 | 12 | 11 | 11 | 12 | 15 | 18 | 21 | 23 | 23 | 23 | 22 | 21 | 20 | 19 | 19 | 20 | 22 | 24  | 457  | 19.0 |      | 0:22 | 24   | 14:6  | 23 | *  | *  | *  | *     | 7:33  | 11    | 19:16 | 19 | *  | *  | * | * |
| 18 | 25   | 26 | 24 | 22 | 18 | 15 | 12 | 10 | 9  | 10 | 12 | 16 | 19 | 22 | 24 | 25 | 24 | 23 | 22 | 22 | 22 | 22 | 24 | 26  | 474  | 19.8 |      | 0:34 | 26   | 15:3  | 25 | *  | *  | *  | *     | 8:3   | 9     | 19:37 | 22 | *  | *  | * | * |
| 19 | 27   | 28 | 27 | 24 | 21 | 17 | 13 | 10 | 8  | 8  | 10 | 13 | 18 | 22 | 25 | 26 | 27 | 26 | 25 | 24 | 24 | 25 | 26 | 28  | 502  | 20.9 |      | 0:49 | 28   | 15:51 | 27 | *  | *  | *  | *     | 8:34  | 8     | 19:53 | 24 | *  | *  | * | * |
| 20 | 30   | 30 | 30 | 28 | 25 | 20 | 16 | 12 | 9  | 8  | 9  | 11 | 16 | 20 | 24 | 27 | 28 | 28 | 28 | 27 | 26 | 27 | 28 | 29  | 536  | 22.3 | N    | 1:9  | 30   | 16:35 | 28 | *  | *  | *  | *     | 9:6   | 8     | 20:8  | 26 | *  | *  | * | * |
| 21 | 31   | 33 | 33 | 31 | 28 | 24 | 19 | 15 | 11 | 8  | 8  | 10 | 13 | 18 | 22 | 26 | 28 | 29 | 29 | 29 | 28 | 28 | 29 | 30  | 560  | 23.3 |      | 1:33 | 33   | 17:18 | 29 | *  | *  | *  | *     | 9:41  | 8     | 20:22 | 28 | *  | *  | * | * |
| 22 | 32   | 34 | 35 | 34 | 32 | 28 | 23 | 18 | 13 | 10 | 8  | 9  | 11 | 15 | 20 | 24 | 27 | 29 | 29 | 29 | 29 | 29 | 31 | 578 | 24.1 |      | 2:0  | 35   | 18:2 | 29    | *  | *  | *  | *  | 10:19 | 8     | 20:32 | 29    | *  | *  | *  | * |   |
| 23 | 32   | 34 | 36 | 36 | 34 | 31 | 27 | 22 | 16 | 12 | 9  | 8  | 10 | 13 | 17 | 21 | 24 | 27 | 28 | 29 | 29 | 29 | 30 | 583 | 24.3 |      | 2:30 | 36   | *    | *     | *  | *  | *  | *  | 10:59 | 8     | *     | *     | *  | *  | *  | * |   |
| 24 | 31   | 33 | 35 | 36 | 35 | 33 | 29 | 24 | 19 | 14 | 11 | 9  | 8  | 10 | 13 | 17 | 21 | 24 | 26 | 27 | 27 | 27 | 28 | 29  | 566  | 23.6 |      | 3:2  | 36   | *     | *  | *  | *  | *  | *     | 11:41 | 8     | *     | *  | *  | *  | * | * |
| 25 | 30   | 31 | 33 | 34 | 34 | 33 | 30 | 26 | 21 | 17 | 12 | 9  | 8  | 8  | 10 | 13 | 17 | 20 | 23 | 24 | 25 | 26 | 26 | 27  | 537  | 22.4 |      | 3:35 | 34   | *     | *  | *  | *  | *  | *     | 12:24 | 8     | *     | *  | *  | *  | * | * |
| 26 | 28   | 29 | 30 | 31 | 32 | 32 | 30 | 27 | 23 | 18 | 14 | 11 | 8  | 7  | 8  | 10 | 13 | 16 | 19 | 21 | 23 | 23 | 24 | 25  | 502  | 20.9 |      | 4:9  | 32   | *     | *  | *  | *  | *  | *     | 13:10 | 7     | *     | *  | *  | *  | * | * |
| 27 | 25   | 26 | 27 | 28 | 28 | 29 | 28 | 26 | 23 | 19 | 16 | 12 | 9  | 8  | 7  | 8  | 10 | 12 | 15 | 18 | 20 | 21 | 22 | 22  | 459  | 19.1 |      | 4:50 | 29   | *     | *  | *  | *  | *  | *     | 13:57 | 7     | *     | *  | *  | *  | * | * |
| 28 | 23   | 23 | 23 | 24 | 24 | 25 | 25 | 24 | 23 | 20 | 17 | 14 | 11 | 9  | 8  | 8  | 8  | 10 | 13 | 15 | 18 | 19 | 20 | 21  | 425  | 17.7 | U    | 5:47 | 25   | 23:20 | 21 | *  | *  | *  | *     | 14:47 | 7     | *     | *  | *  | *  | * | * |
| 29 | 21   | 20 | 20 | 20 | 20 | 20 | 21 | 22 | 21 | 21 | 19 | 17 | 14 | 12 | 10 | 9  | 9  | 10 | 12 | 14 | 16 | 19 | 20 | 20  | 407  | 17.0 |      | 7:25 | 22   | 23:2  | 20 | *  | *  | *  | *     | 3:18  | 20    | 15:41 | 9  | *  | *  | * | * |
| 30 | 20   | 19 | 18 | 17 | 16 | 16 | 16 | 17 | 19 | 20 | 20 | 19 | 18 | 16 | 14 | 13 | 12 | 12 | 13 | 14 | 17 | 19 | 21 | 21  | 407  | 17.0 |      | 9:42 | 20   | 23:4  | 21 | *  | *  | *  | *     | 4:45  | 16    | 16:37 | 12 | *  | *  | * | * |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位    |    |    | 推算月最低潮位    |    |    |
|----------|--------------|---------------|------------|----|----|------------|----|----|
|          |              |               | 起時         | 潮位 | 回数 | 起時         | 潮位 | 回数 |
| 720      | 15471        | 21.5          | 10日 4時 21分 | 41 | 2  | 7日 10時 11分 | 2  | 1  |

推算潮位 (毎時・満干潮)

地点名: 秋田

緯度: 39° 45' N

経度: 140° 4' E

潮位表基準面の零点: 平均海面下 19.0(cm)

2025 年 12 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮  |      |      |       |       |       |       |    | 干潮 |       |       |      |       |       |       |    |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|-------|-------|-------|-------|----|----|-------|-------|------|-------|-------|-------|----|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月     | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位    | 時刻    | 潮位   | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 21   | 19 | 17 | 15 | 13 | 12 | 12 | 12 | 14 | 17 | 19 | 21 | 21 | 20 | 19 | 17 | 16 | 15 | 15 | 16 | 18 | 21 | 23 | 24  | 417  | 17.4 |       | 11:47 | 21    | 23:18 | 24 | *  | *     | *     | *    | 5:43  | 11    | 17:32 | 15 | *  | *  | *  | *  |
| 2  | 23   | 22 | 19 | 15 | 12 | 9  | 8  | 8  | 9  | 12 | 16 | 20 | 22 | 23 | 23 | 22 | 21 | 20 | 20 | 20 | 21 | 23 | 25 | 27  | 440  | 18.3 |       | 13:26 | 24    | 23:42 | 28 | *  | *     | *     | *    | 6:35  | 8     | 18:20 | 20 | *  | *  | *  | *  |
| 3  | 28   | 26 | 23 | 19 | 14 | 10 | 6  | 5  | 5  | 7  | 11 | 17 | 21 | 24 | 26 | 27 | 26 | 25 | 24 | 24 | 24 | 26 | 28 | 31  | 477  | 19.9 |       | 14:49 | 27    | *     | *  | *  | *     | 7:27  | 4    | 18:56 | 24    | *     | *  | *  | *  |    |    |
| 4  | 32   | 31 | 29 | 25 | 19 | 13 | 8  | 4  | 2  | 3  | 6  | 11 | 17 | 22 | 26 | 28 | 29 | 29 | 28 | 27 | 27 | 28 | 30 | 33  | 507  | 21.1 |       | 0:16  | 32    | 16: 1 | 29 | *  | *     | *     | *    | 8:21  | 2     | 19:18 | 27 | *  | *  | *  | *  |
| 5  | 35   | 36 | 35 | 32 | 26 | 20 | 13 | 7  | 3  | 1  | 1  | 5  | 11 | 17 | 23 | 27 | 29 | 30 | 30 | 29 | 29 | 30 | 31 | 33  | 533  | 22.2 | F     | 0:57  | 36    | 17: 7 | 30 | *  | *     | *     | *    | 9:15  | #0    | 19:31 | 29 | *  | *  | *  | *  |
| 6  | 36   | 39 | 39 | 37 | 33 | 27 | 20 | 13 | 6  | 2  | 0  | 1  | 5  | 11 | 18 | 23 | 27 | 29 | 30 | 30 | 30 | 30 | 31 | 33  | 550  | 22.9 |       | 1:44  | 39    | *     | *  | *  | *     | 10:10 | #0   | *     | *     | *     | *  | *  | *  |    |    |
| 7  | 35   | 38 | 40 | 40 | 38 | 34 | 28 | 20 | 12 | 6  | 2  | 0  | 1  | 6  | 12 | 17 | 22 | 26 | 28 | 28 | 28 | 29 | 31 | 550 | 22.9 |      | 2:34  | #41   | *     | *     | *  | *  | 11: 5 | #0    | *    | *     | *     | *     | *  | *  |    |    |    |
| 8  | 32   | 35 | 38 | 40 | 39 | 37 | 33 | 26 | 19 | 12 | 6  | 2  | 1  | 2  | 7  | 12 | 17 | 21 | 24 | 26 | 26 | 26 | 27 | 28  | 536  | 22.3 |       | 3:27  | 40    | *     | *  | *  | *     | 12: 0 | 1    | *     | *     | *     | *  | *  | *  |    |    |
| 9  | 29   | 30 | 33 | 35 | 37 | 37 | 34 | 30 | 24 | 17 | 11 | 6  | 3  | 2  | 4  | 8  | 12 | 17 | 20 | 23 | 24 | 24 | 24 | 24  | 508  | 21.2 |       | 4:21  | 37    | *     | *  | *  | *     | 12:52 | 2    | *     | *     | *     | *  | *  | *  |    |    |
| 10 | 25   | 26 | 27 | 29 | 31 | 32 | 32 | 30 | 26 | 21 | 16 | 11 | 7  | 5  | 4  | 6  | 9  | 13 | 17 | 19 | 21 | 22 | 22 | 22  | 473  | 19.7 |       | 5:15  | 32    | *     | *  | *  | *     | 13:42 | 4    | *     | *     | *     | *  | *  | *  |    |    |
| 11 | 22   | 22 | 22 | 23 | 25 | 26 | 27 | 27 | 25 | 22 | 18 | 14 | 11 | 8  | 7  | 7  | 8  | 11 | 14 | 17 | 19 | 20 | 20 | 20  | 435  | 18.1 |       | 6:14  | 27    | 21:47 | 20 | *  | *     | *     | *    | 14:28 | 6     | *     | *  | *  | *  | *  | *  |
| 12 | 19   | 19 | 18 | 18 | 18 | 20 | 21 | 21 | 21 | 21 | 19 | 16 | 14 | 11 | 10 | 9  | 9  | 11 | 13 | 16 | 18 | 19 | 20 | 20  | 401  | 16.7 | L     | 7:30  | 22    | 22: 6 | 20 | *  | *     | *     | *    | 2:51  | 18    | 15:10 | 9  | *  | *  | *  | *  |
| 13 | 19   | 17 | 16 | 15 | 14 | 14 | 15 | 16 | 17 | 18 | 18 | 17 | 16 | 14 | 13 | 12 | 12 | 13 | 14 | 16 | 18 | 19 | 20 | 20  | 383  | 16.0 |       | 9:30  | 18    | 22:24 | 20 | *  | *     | *     | *    | 4:25  | 14    | 15:44 | 12 | *  | *  | *  | *  |
| 14 | 19   | 17 | 16 | 14 | 12 | 11 | 11 | 12 | 13 | 14 | 16 | 17 | 17 | 16 | 16 | 15 | 15 | 15 | 16 | 17 | 19 | 20 | 21 | 22  | 381  | 15.9 |       | 11:45 | 17    | 22:40 | 22 | *  | *     | *     | *    | 5:39  | 11    | 16: 8 | 15 | *  | *  | *  | *  |
| 15 | 21   | 19 | 17 | 14 | 12 | 10 | 9  | 9  | 10 | 12 | 14 | 16 | 17 | 18 | 19 | 19 | 19 | 19 | 19 | 20 | 21 | 22 | 23 | 24  | 403  | 16.8 |       | 22:56 | 24    | *     | *  | *  | *     | 6:31  | 9    | *     | *     | *     | *  | *  | *  |    |    |
| 16 | 23   | 21 | 19 | 16 | 13 | 10 | 8  | 7  | 8  | 10 | 12 | 15 | 18 | 20 | 21 | 21 | 22 | 22 | 22 | 22 | 23 | 25 | 26 | 26  | 430  | 17.9 |       | 23:16 | 26    | *     | *  | *  | *     | 7:10  | 7    | *     | *     | *     | *  | *  | *  |    |    |
| 17 | 26   | 25 | 22 | 19 | 15 | 12 | 9  | 7  | 7  | 8  | 11 | 14 | 17 | 20 | 22 | 24 | 24 | 24 | 25 | 25 | 26 | 27 | 28 | 29  | 466  | 19.4 |       | 23:43 | 29    | *     | *  | *  | *     | 7:45  | 7    | *     | *     | *     | *  | *  | *  |    |    |
| 18 | 29   | 28 | 26 | 23 | 19 | 15 | 11 | 8  | 7  | 7  | 9  | 12 | 16 | 20 | 23 | 25 | 26 | 26 | 26 | 27 | 27 | 28 | 29 | 31  | 498  | 20.8 |       | *     | *     | *     | *  | *  | *     | *     | *    | 8:20  | 7     | *     | *  | *  | *  | *  | *  |
| 19 | 32   | 31 | 30 | 27 | 23 | 18 | 14 | 10 | 7  | 6  | 7  | 10 | 14 | 19 | 22 | 25 | 27 | 27 | 27 | 27 | 28 | 28 | 30 | 31  | 520  | 21.7 |       | 0:17  | 32    | *     | *  | *  | *     | 8:56  | 6    | *     | *     | *     | *  | *  | *  |    |    |
| 20 | 33   | 33 | 33 | 30 | 27 | 22 | 17 | 12 | 8  | 6  | 6  | 8  | 11 | 16 | 20 | 24 | 26 | 27 | 27 | 27 | 27 | 28 | 29 | 31  | 528  | 22.0 | N     | 0:56  | 33    | *     | *  | *  | *     | 9:34  | 6    | *     | *     | *     | *  | *  | *  |    |    |
| 21 | 32   | 34 | 34 | 33 | 30 | 25 | 20 | 15 | 10 | 6  | 5  | 5  | 8  | 12 | 17 | 21 | 24 | 26 | 26 | 26 | 26 | 26 | 27 | 28  | 516  | 21.5 |       | 1:37  | 34    | *     | *  | *  | *     | 10:13 | 5    | *     | *     | *     | *  | *  | *  |    |    |
| 22 | 30   | 32 | 33 | 33 | 31 | 27 | 23 | 17 | 11 | 7  | 4  | 3  | 5  | 8  | 12 | 17 | 20 | 23 | 24 | 24 | 24 | 24 | 24 | 26  | 482  | 20.1 |       | 2:18  | 33    | *     | *  | *  | *     | 10:53 | 3    | *     | *     | *     | *  | *  | *  |    |    |
| 23 | 27   | 29 | 31 | 32 | 31 | 28 | 24 | 19 | 13 | 8  | 4  | 2  | 2  | 4  | 8  | 12 | 16 | 20 | 22 | 22 | 22 | 22 | 22 | 22  | 442  | 18.4 |       | 2:58  | 32    | *     | *  | *  | *     | 11:31 | 2    | *     | *     | *     | *  | *  | *  |    |    |
| 24 | 23   | 25 | 27 | 29 | 29 | 27 | 24 | 20 | 15 | 9  | 5  | 2  | 1  | 2  | 4  | 8  | 12 | 16 | 18 | 20 | 20 | 20 | 19 | 19  | 394  | 16.4 |       | 3:38  | 29    | 19:45 | 20 | *  | *     | *     | *    | 12: 8 | 1     | 22:16 | 19 | *  | *  | *  | *  |
| 25 | 20   | 21 | 23 | 25 | 26 | 25 | 24 | 20 | 16 | 11 | 6  | 3  | 1  | 1  | 2  | 5  | 9  | 13 | 16 | 17 | 18 | 18 | 17 | 17  | 354  | 14.8 |       | 4:21  | 26    | 20:11 | 18 | *  | *     | *     | *    | 12:43 | 1     | 23:34 | 17 | *  | *  | *  | *  |
| 26 | 17   | 17 | 18 | 20 | 21 | 22 | 22 | 20 | 17 | 13 | 9  | 5  | 3  | 2  | 2  | 4  | 7  | 11 | 14 | 16 | 17 | 17 | 16 | 15  | 325  | 13.5 |       | 5:10  | 22    | 20:32 | 17 | *  | *     | *     | *    | 13:17 | 2     | *     | *  | *  | *  | *  | *  |
| 27 | 15   | 14 | 14 | 15 | 17 | 18 | 19 | 19 | 17 | 15 | 12 | 9  | 6  | 5  | 4  | 5  | 7  | 10 | 13 | 15 | 17 | 17 | 17 | 15  | 315  | 13.1 |       | 6:14  | 19    | 20:48 | 17 | *  | *     | *     | *    | 1:14  | 14    | 13:49 | 4  | *  | *  | *  | *  |
| 28 | 14   | 12 | 12 | 11 | 12 | 14 | 15 | 16 | 17 | 16 | 14 | 12 | 11 | 9  | 8  | 9  | 10 | 12 | 14 | 16 | 18 | 19 | 18 | 17  | 326  | 13.6 | U     | 7:47  | 17    | 21: 5 | 19 | *  | *     | *     | *    | 2:42  | 11    | 14:18 | 8  | *  | *  | *  | *  |
| 29 | 15   | 12 | 10 | 9  | 9  | 9  | 11 | 13 | 15 | 16 | 16 | 16 | 15 | 14 | 14 | 13 | 14 | 15 | 17 | 19 | 21 | 22 | 20 | 357 | 14.9 |      | 10: 3 | 16    | 21:28 | 22    | *  | *  | *     | *     | 4: 0 | 9     | 14:39 | 13    | *  | *  | *  | *  |    |
| 30 | 18   | 15 | 12 | 9  | 7  | 6  | 6  | 8  | 11 | 14 | 16 | 18 | 18 | 19 | 18 | 18 | 19 | 19 | 20 | 22 | 24 | 25 | 26 | 25  | 393  | 16.4 |       | 22: 0 | 26    | *     | *  | *  | *     | 5:13  | 6    | *     | *     | *     | *  | *  | *  |    |    |
| 31 | 23   | 19 | 15 | 11 | 8  | 5  | 4  | 4  | 6  | 9  | 13 | 17 | 20 | 22 | 23 | 23 | 24 | 24 | 24 | 25 | 27 | 28 | 30 | 30  | 434  | 18.1 |       | 22:41 | 30    | *     | *  | *  | *     | 6:19  | 4    | *     | *     | *     | *  | *  | *  |    |    |

| N   | Sum   | Mean | 推算月最高潮位   |    |    | 推算月最低潮位   |    |    |
|-----|-------|------|-----------|----|----|-----------|----|----|
|     |       |      | 起時        | 潮位 | 回数 | 起時        | 潮位 | 回数 |
| 744 | 13774 | 18.5 | 7日 2時 34分 | 41 | 1  | 7日 11時 5分 | 0  | 3  |