

# 推算潮位（毎時・満干潮）

地点名：青森

緯度：40 °50 N

経度：140 °46 E

潮位表基準面の零点：平均海面下 37.0(cm)

2021 年 1 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  | 9    | 21 | 36 | 49 | 58 | 60 | 54 | 45 | 36 | 28 | 23 | 22 | 26 | 36 | 47 | 57 | 62 | 61 | 52 | 39 | 25 | 13 | 5  | 1  | 865 | 36.0 |   | 4:42 | 60 | 16:21 | 63  | *  | *  | *    | *  | 10:44 | 22 | 23:9  | 1   | *  | *  | *  | *  |
| 2  | 4    | 13 | 26 | 41 | 53 | 59 | 57 | 50 | 40 | 31 | 25 | 21 | 21 | 28 | 38 | 49 | 57 | 60 | 56 | 46 | 32 | 20 | 10 | 4  | 841 | 35.0 |   | 5:18 | 59 | 16:59 | 60  | *  | *  | *    | *  | 11:22 | 20 | 23:46 | 2   | *  | *  | *  | *  |
| 3  | 2    | 7  | 18 | 32 | 45 | 54 | 58 | 54 | 45 | 35 | 27 | 21 | 19 | 21 | 29 | 40 | 49 | 55 | 56 | 51 | 40 | 27 | 17 | 9  | 811 | 33.8 |   | 5:57 | 58 | 17:41 | 57  | *  | *  | *    | *  | 12:2  | 19 | *     | *   | *  | *  | *  | *  |
| 4  | 4    | 5  | 12 | 23 | 36 | 47 | 54 | 55 | 49 | 40 | 31 | 24 | 19 | 18 | 22 | 30 | 39 | 47 | 52 | 51 | 45 | 35 | 24 | 16 | 778 | 32.4 |   | 6:37 | 55 | 18:27 | 52  | *  | *  | *    | *  | 0:25  | 4  | 12:45 | 18  | *  | *  | *  | *  |
| 5  | 10   | 7  | 9  | 17 | 28 | 39 | 48 | 53 | 52 | 45 | 36 | 28 | 21 | 18 | 17 | 22 | 29 | 37 | 44 | 47 | 47 | 41 | 32 | 24 | 751 | 31.3 |   | 7:21 | 53 | 19:22 | 48  | *  | *  | *    | *  | 1:6   | 7  | 13:33 | 17  | *  | *  | *  | *  |
| 6  | 17   | 13 | 11 | 14 | 21 | 31 | 40 | 48 | 51 | 49 | 42 | 33 | 26 | 20 | 17 | 17 | 21 | 27 | 34 | 40 | 43 | 43 | 39 | 32 | 729 | 30.4 | L | 8:7  | 51 | 20:27 | 44  | *  | *  | *    | *  | 1:55  | 11 | 14:34 | 16  | *  | *  | *  | *  |
| 7  | 26   | 21 | 18 | 16 | 19 | 25 | 33 | 41 | 47 | 49 | 47 | 40 | 33 | 26 | 20 | 17 | 15 | 18 | 24 | 30 | 36 | 40 | 41 | 39 | 721 | 30.0 |   | 8:58 | 49 | 21:47 | 41  | *  | *  | *    | *  | 2:55  | 16 | 15:49 | 15  | *  | *  | *  | *  |
| 8  | 35   | 30 | 26 | 22 | 20 | 22 | 27 | 34 | 42 | 47 | 49 | 46 | 41 | 34 | 27 | 20 | 15 | 13 | 15 | 20 | 27 | 33 | 39 | 41 | 725 | 30.2 |   | 9:57 | 49 | 23:28 | 42  | *  | *  | *    | *  | 4:8   | 20 | 17:6  | 13  | *  | *  | *  | *  |
| 9  | 41   | 39 | 35 | 31 | 26 | 23 | 24 | 29 | 36 | 42 | 47 | 50 | 48 | 43 | 36 | 28 | 20 | 13 | 9  | 11 | 16 | 24 | 31 | 39 | 741 | 30.9 |   | 11:8 | 50 | *     | *   | *  | *  | 5:21 | 23 | 18:15 | 9  | *     | *   | *  | *  |    |    |
| 10 | 44   | 46 | 44 | 39 | 34 | 29 | 25 | 25 | 30 | 36 | 43 | 49 | 52 | 52 | 47 | 38 | 28 | 18 | 10 | 6  | 7  | 13 | 22 | 31 | 768 | 32.0 |   | 0:58 | 46 | 12:24 | 53  | *  | *  | *    | *  | 6:29  | 24 | 19:16 | 5   | *  | *  | *  | *  |
| 11 | 41   | 48 | 51 | 48 | 42 | 36 | 30 | 25 | 25 | 30 | 37 | 45 | 52 | 56 | 56 | 50 | 38 | 26 | 15 | 6  | 2  | 4  | 11 | 22 | 796 | 33.2 |   | 2:0  | 51 | 13:28 | 57  | *  | *  | *    | *  | 7:32  | 25 | 20:12 | 2   | *  | *  | *  | *  |
| 12 | 33   | 44 | 53 | 55 | 51 | 43 | 36 | 29 | 24 | 24 | 30 | 38 | 48 | 56 | 61 | 59 | 50 | 37 | 23 | 12 | 3  | -1 | 2  | 11 | 821 | 34.2 |   | 2:48 | 55 | 14:20 | 61  | *  | *  | *    | *  | 8:30  | 24 | 21:4  | -1  | *  | *  | *  | *  |
| 13 | 24   | 37 | 49 | 57 | 57 | 51 | 42 | 34 | 27 | 22 | 23 | 30 | 40 | 51 | 60 | 64 | 60 | 48 | 33 | 20 | 8  | 0  | -2 | 3  | 838 | 34.9 | N | 3:30 | 58 | 15:5  | 64  | *  | *  | *    | *  | 9:24  | 22 | 21:51 | -3  | *  | *  | *  | *  |
| 14 | 14   | 28 | 42 | 54 | 60 | 57 | 49 | 39 | 31 | 24 | 19 | 22 | 31 | 42 | 54 | 62 | 65 | 58 | 44 | 29 | 16 | 5  | -2 | -2 | 841 | 35.0 |   | 4:9  | 60 | 15:47 | #65 | *  | *  | *    | *  | 10:12 | 19 | 22:33 | -3  | *  | *  | *  | *  |
| 15 | 6    | 19 | 34 | 48 | 58 | 60 | 54 | 45 | 35 | 27 | 20 | 17 | 21 | 32 | 45 | 56 | 62 | 62 | 52 | 38 | 24 | 12 | 3  | -2 | 828 | 34.5 |   | 4:47 | 60 | 16:26 | 63  | *  | *  | *    | *  | 10:56 | 17 | 23:12 | -2  | *  | *  | *  | *  |
| 16 | 1    | 11 | 26 | 40 | 52 | 59 | 58 | 50 | 40 | 30 | 22 | 16 | 15 | 22 | 35 | 47 | 56 | 60 | 56 | 45 | 31 | 19 | 9  | 3  | 803 | 33.5 |   | 5:22 | 59 | 17:5  | 60  | *  | *  | *    | *  | 11:36 | 15 | 23:47 | 0   | *  | *  | *  | *  |
| 17 | 1    | 6  | 18 | 33 | 45 | 54 | 57 | 53 | 44 | 34 | 25 | 18 | 14 | 16 | 24 | 36 | 47 | 54 | 55 | 49 | 38 | 26 | 16 | 8  | 771 | 32.1 |   | 5:57 | 57 | 17:43 | 55  | *  | *  | *    | *  | 12:15 | 14 | *     | *   | *  | *  | *  | *  |
| 18 | 4    | 5  | 13 | 26 | 38 | 48 | 53 | 53 | 47 | 38 | 29 | 21 | 15 | 13 | 17 | 27 | 37 | 46 | 50 | 49 | 43 | 32 | 22 | 14 | 740 | 30.8 |   | 6:30 | 54 | 18:22 | 50  | *  | *  | *    | *  | 0:20  | 4  | 12:53 | 13  | *  | *  | *  | *  |
| 19 | 9    | 8  | 12 | 20 | 31 | 41 | 48 | 51 | 49 | 41 | 32 | 24 | 18 | 15 | 15 | 19 | 28 | 37 | 43 | 46 | 43 | 37 | 28 | 20 | 715 | 29.8 |   | 7:1  | 51 | 19:4  | 46  | *  | *  | *    | *  | 0:51  | 8  | 13:32 | 14  | *  | *  | *  | *  |
| 20 | 15   | 13 | 13 | 18 | 26 | 35 | 43 | 47 | 47 | 43 | 36 | 29 | 22 | 18 | 15 | 16 | 21 | 28 | 35 | 40 | 41 | 39 | 33 | 27 | 700 | 29.2 |   | 7:34 | 48 | 19:53 | 41  | *  | *  | *    | *  | 1:22  | 13 | 14:19 | 15  | *  | *  | *  | *  |
| 21 | 22   | 18 | 17 | 19 | 23 | 30 | 37 | 42 | 45 | 44 | 39 | 33 | 27 | 22 | 19 | 17 | 17 | 21 | 27 | 33 | 37 | 38 | 36 | 33 | 696 | 29.0 | U | 8:10 | 45 | 20:54 | 38  | *  | *  | *    | *  | 2:1   | 17 | 15:21 | 16  | *  | *  | *  | *  |
| 22 | 28   | 25 | 23 | 22 | 23 | 26 | 32 | 37 | 41 | 43 | 41 | 37 | 32 | 28 | 23 | 20 | 17 | 17 | 20 | 25 | 31 | 35 | 37 | 36 | 699 | 29.1 |   | 8:54 | 43 | 22:19 | 37  | *  | *  | *    | *  | 3:3   | 22 | 16:36 | 16  | *  | *  | *  | *  |
| 23 | 34   | 32 | 29 | 27 | 26 | 26 | 28 | 32 | 37 | 40 | 41 | 40 | 37 | 34 | 29 | 24 | 19 | 16 | 15 | 17 | 23 | 29 | 34 | 37 | 706 | 29.4 |   | 9:54 | 41 | *     | *   | *  | *  | 4:29 | 26 | 17:45 | 15 | *     | *   | *  | *  |    |    |
| 24 | 39   | 38 | 36 | 33 | 30 | 28 | 27 | 29 | 33 | 37 | 40 | 42 | 42 | 40 | 36 | 31 | 24 | 17 | 13 | 12 | 15 | 21 | 28 | 35 | 726 | 30.3 |   | 0:18 | 39 | 11:28 | 42  | *  | *  | *    | *  | 5:47  | 27 | 18:45 | 12  | *  | *  | *  | *  |
| 25 | 40   | 43 | 43 | 40 | 36 | 31 | 28 | 27 | 29 | 32 | 37 | 41 | 44 | 45 | 43 | 38 | 30 | 21 | 14 | 9  | 8  | 12 | 20 | 29 | 740 | 30.8 |   | 1:33 | 43 | 12:51 | 45  | *  | *  | *    | *  | 6:53  | 27 | 19:37 | 8   | *  | *  | *  | *  |
| 26 | 37   | 44 | 47 | 46 | 42 | 36 | 31 | 27 | 26 | 28 | 33 | 39 | 44 | 48 | 49 | 46 | 38 | 27 | 17 | 9  | 4  | 5  | 11 | 20 | 754 | 31.4 |   | 2:17 | 47 | 13:42 | 49  | *  | *  | *    | *  | 7:49  | 26 | 20:23 | 4   | *  | *  | *  | *  |
| 27 | 32   | 42 | 49 | 51 | 48 | 42 | 34 | 28 | 24 | 24 | 27 | 33 | 41 | 49 | 53 | 52 | 46 | 35 | 22 | 11 | 3  | 0  | 3  | 11 | 760 | 31.7 |   | 2:52 | 51 | 14:23 | 54  | *  | *  | *    | *  | 8:39  | 24 | 21:5  | 0   | *  | *  | *  | *  |
| 28 | 23   | 36 | 47 | 54 | 53 | 47 | 39 | 31 | 24 | 21 | 21 | 27 | 35 | 45 | 53 | 57 | 53 | 43 | 30 | 17 | 6  | -2 | -3 | 2  | 759 | 31.6 |   | 3:25 | 54 | 15:0  | 57  | *  | *  | *    | *  | 9:22  | 20 | 21:45 | -4  | *  | *  | *  | *  |
| 29 | 13   | 28 | 42 | 53 | 56 | 52 | 44 | 34 | 26 | 19 | 17 | 19 | 27 | 38 | 49 | 57 | 58 | 51 | 38 | 24 | 11 | 0  | -5 | -4 | 747 | 31.1 | F | 3:57 | 56 | 15:38 | 59  | *  | *  | *    | *  | 10:1  | 17 | 22:22 | -6  | *  | *  | *  | *  |
| 30 | 4    | 18 | 34 | 48 | 57 | 57 | 49 | 39 | 28 | 20 | 14 | 13 | 18 | 29 | 42 | 52 | 58 | 56 | 46 | 32 | 18 | 6  | -3 | -7 | 728 | 30.3 |   | 4:29 | 58 | 16:16 | 59  | *  | *  | *    | *  | 10:39 | 12 | 22:58 | #-7 | *  | *  | *  | *  |
| 31 | -2   | 9  | 25 | 41 | 53 | 58 | 54 | 44 | 32 | 22 | 13 | 9  | 10 | 19 | 32 | 44 | 54 | 57 | 52 | 40 | 26 | 13 | 2  | -5 | 702 | 29.3 |   | 5:3  | 58 | 16:56 | 57  | *  | *  | *    | *  | 11:16 | 8  | 23:34 | -6  | *  | *  | *  | *  |

| 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 |
| 744      | 23600        | 31.7          | 14日 15時 47分 | 65 | 1  | 30日 22時 58分 | -7 | 1  |

# 推算潮位（毎時・満干潮）

地点名：青森

緯度：40 °50 N

経度：140 °46 E

潮位表基準面の零点：平均海面下 37.0(cm)

2021 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 | 時刻 | 潮位 |
| 1  | -5   | 3  | 17 | 32 | 46 | 55 | 57 | 49 | 37 | 25 | 16 | 8  | 6  | 10 | 21 | 34 | 45 | 53 | 54 | 47 | 34 | 21 | 10  | 2   | 677 | 28.2 |   | 5:38  | 57 | 17:38 | 54  | *  | *  | *    | *  | 11:53 | 6  | *     | *    | *  | *  | *  | *  |
| 2  | -3   | 0  | 10 | 24 | 38 | 50 | 55 | 53 | 43 | 31 | 19 | 11 | 5  | 5  | 12 | 23 | 35 | 44 | 50 | 49 | 41 | 29 | 18  | 10  | 652 | 27.2 |   | 6:13  | 56 | 18:23 | 50  | *  | *  | *    | *  | 0:10  | -3 | 12:32 | 4    | *  | *  | *  | *  |
| 3  | 4    | 2  | 7  | 18 | 31 | 42 | 51 | 53 | 48 | 37 | 25 | 15 | 8  | 5  | 6  | 14 | 24 | 34 | 42 | 46 | 44 | 36 | 26  | 18  | 636 | 26.5 |   | 6:50  | 53 | 19:11 | 46  | *  | *  | *    | *  | 0:47  | 2  | 13:13 | 4    | *  | *  | *  | *  |
| 4  | 12   | 8  | 9  | 15 | 25 | 35 | 44 | 50 | 50 | 43 | 32 | 22 | 14 | 8  | 6  | 8  | 15 | 24 | 32 | 39 | 41 | 39 | 33  | 26  | 630 | 26.3 |   | 7:29  | 51 | 20:7  | 41  | *  | *  | *    | *  | 1:27  | 8  | 14:2  | 6    | *  | *  | *  | *  |
| 5  | 21   | 17 | 15 | 16 | 21 | 29 | 38 | 45 | 48 | 46 | 39 | 30 | 22 | 15 | 11 | 8  | 10 | 15 | 22 | 29 | 35 | 37 | 37  | 33  | 639 | 26.6 | L | 8:11  | 48 | 21:18 | 38  | *  | *  | *    | *  | 2:15  | 15 | 15:7  | 8    | *  | *  | *  | *  |
| 6  | 29   | 26 | 23 | 21 | 21 | 25 | 32 | 38 | 43 | 45 | 43 | 38 | 31 | 24 | 18 | 13 | 10 | 10 | 14 | 19 | 25 | 31 | 35  | 36  | 650 | 27.1 |   | 9:4   | 45 | 23:7  | 36  | *  | *  | *    | *  | 3:23  | 21 | 16:31 | 10   | *  | *  | *  | *  |
| 7  | 35   | 34 | 31 | 29 | 26 | 25 | 27 | 32 | 37 | 41 | 43 | 43 | 40 | 34 | 28 | 22 | 15 | 10 | 8  | 11 | 16 | 22 | 28  | 34  | 671 | 28.0 |   | 10:20 | 44 | *     | *   | *  | *  | 4:51 | 25 | 17:56 | 8  | *     | *    | *  | *  |    |    |
| 8  | 38   | 40 | 39 | 37 | 33 | 28 | 26 | 27 | 30 | 35 | 40 | 43 | 45 | 44 | 39 | 32 | 23 | 15 | 8  | 5  | 7  | 12 | 19  | 28  | 693 | 28.9 |   | 1:8   | 40 | 12:7  | 45  | *  | *  | *    | *  | 6:18  | 26 | 19:9  | 5    | *  | *  | *  | *  |
| 9  | 36   | 43 | 46 | 44 | 40 | 34 | 28 | 24 | 24 | 28 | 33 | 39 | 45 | 49 | 49 | 43 | 33 | 23 | 13 | 5  | 1  | 3  | 10  | 19  | 712 | 29.7 |   | 2:7   | 46 | 13:24 | 49  | *  | *  | *    | *  | 7:33  | 24 | 20:9  | 1    | *  | *  | *  | *  |
| 10 | 30   | 41 | 49 | 50 | 47 | 40 | 33 | 26 | 21 | 21 | 25 | 32 | 41 | 49 | 54 | 52 | 44 | 32 | 20 | 9  | 1  | -3 | 1   | 10  | 725 | 30.2 |   | 2:48  | 51 | 14:18 | 54  | *  | *  | *    | *  | 8:34  | 20 | 20:59 | -3   | *  | *  | *  | *  |
| 11 | 22   | 35 | 47 | 54 | 53 | 46 | 38 | 29 | 21 | 16 | 17 | 23 | 33 | 44 | 53 | 57 | 53 | 42 | 28 | 15 | 4  | -3 | -5  | 1   | 723 | 30.1 |   | 3:24  | 54 | 15:2  | 57  | *  | *  | *    | *  | 9:23  | 15 | 21:42 | -5   | *  | *  | *  | *  |
| 12 | 13   | 27 | 41 | 52 | 56 | 52 | 43 | 33 | 24 | 15 | 11 | 14 | 24 | 36 | 48 | 56 | 58 | 50 | 37 | 23 | 10 | 0  | -6  | -4  | 713 | 29.7 | N | 3:58  | 56 | 15:41 | #58 | *  | *  | *    | *  | 10:6  | 11 | 22:20 | -6   | *  | *  | *  | *  |
| 13 | 5    | 19 | 34 | 48 | 56 | 56 | 48 | 37 | 27 | 17 | 9  | 7  | 14 | 26 | 40 | 51 | 57 | 55 | 45 | 30 | 17 | 6  | -3  | -6  | 695 | 29.0 |   | 4:30  | 57 | 16:18 | #58 | *  | *  | *    | *  | 10:44 | 7  | 22:54 | -6   | *  | *  | *  | *  |
| 14 | -1   | 12 | 27 | 42 | 52 | 57 | 52 | 42 | 30 | 19 | 10 | 4  | 6  | 16 | 30 | 43 | 52 | 55 | 50 | 38 | 24 | 12 | 3   | -3  | 672 | 28.0 |   | 5:0   | 57 | 16:54 | 55  | *  | *  | *    | *  | 11:19 | 4  | 23:26 | -4   | *  | *  | *  | *  |
| 15 | -2   | 6  | 21 | 35 | 47 | 54 | 54 | 46 | 34 | 22 | 13 | 5  | 3  | 8  | 20 | 34 | 45 | 51 | 51 | 43 | 30 | 18 | 8   | 2   | 648 | 27.0 |   | 5:28  | 55 | 17:28 | 52  | *  | *  | *    | *  | 11:52 | 3  | 23:54 | 0    | *  | *  | *  | *  |
| 16 | 0    | 4  | 15 | 29 | 41 | 50 | 52 | 48 | 38 | 26 | 16 | 8  | 3  | 4  | 12 | 24 | 36 | 45 | 48 | 45 | 36 | 25 | 14  | 8   | 627 | 26.1 |   | 5:54  | 52 | 18:2  | 49  | *  | *  | *    | *  | 12:23 | 3  | *     | *    | *  | *  | *  | *  |
| 17 | 4    | 5  | 12 | 23 | 36 | 45 | 49 | 48 | 41 | 31 | 20 | 12 | 6  | 4  | 8  | 17 | 28 | 38 | 44 | 44 | 40 | 31 | 21  | 14  | 621 | 25.9 |   | 6:19  | 50 | 18:38 | 45  | *  | *  | *    | *  | 0:19  | 4  | 12:52 | 4    | *  | *  | *  | *  |
| 18 | 10   | 9  | 12 | 20 | 30 | 39 | 45 | 47 | 43 | 35 | 25 | 16 | 10 | 7  | 8  | 12 | 21 | 30 | 37 | 41 | 40 | 35 | 27  | 20  | 619 | 25.8 |   | 6:45  | 47 | 19:18 | 41  | *  | *  | *    | *  | 0:42  | 9  | 13:24 | 7    | *  | *  | *  | *  |
| 19 | 16   | 14 | 15 | 19 | 26 | 34 | 40 | 44 | 42 | 37 | 29 | 22 | 16 | 12 | 11 | 12 | 16 | 22 | 30 | 35 | 37 | 36 | 32  | 26  | 623 | 26.0 |   | 7:14  | 44 | 20:6  | 37  | *  | *  | *    | *  | 1:8   | 14 | 14:6  | 11   | *  | *  | *  | *  |
| 20 | 22   | 20 | 19 | 21 | 24 | 30 | 35 | 40 | 41 | 38 | 33 | 27 | 22 | 18 | 15 | 14 | 14 | 17 | 22 | 28 | 32 | 34 | 33  | 31  | 630 | 26.3 | U | 7:49  | 41 | 21:11 | 34  | *  | *  | *    | *  | 1:43  | 19 | 15:17 | 14   | *  | *  | *  | *  |
| 21 | 28   | 26 | 25 | 25 | 25 | 28 | 31 | 35 | 37 | 38 | 35 | 32 | 28 | 24 | 21 | 18 | 15 | 14 | 16 | 20 | 25 | 29 | 32  | 33  | 640 | 26.7 |   | 8:35  | 38 | 23:17 | 33  | *  | *  | *    | *  | 2:55  | 25 | 16:52 | 14   | *  | *  | *  | *  |
| 22 | 33   | 32 | 31 | 29 | 28 | 27 | 28 | 30 | 33 | 35 | 36 | 35 | 33 | 31 | 28 | 23 | 18 | 14 | 12 | 13 | 16 | 22 | 27  | 32  | 646 | 26.9 |   | 9:56  | 36 | *     | *   | *  | *  | 4:56 | 27 | 18:13 | 12 | *     | *    | *  | *  |    |    |
| 23 | 35   | 37 | 37 | 35 | 32 | 29 | 27 | 27 | 28 | 31 | 34 | 36 | 38 | 37 | 35 | 30 | 23 | 16 | 10 | 7  | 8  | 13 | 20  | 28  | 653 | 27.2 |   | 1:25  | 37 | 12:20 | 38  | *  | *  | *    | *  | 6:35  | 27 | 19:16 | 7    | *  | *  | *  | *  |
| 24 | 35   | 40 | 42 | 41 | 37 | 32 | 27 | 24 | 24 | 25 | 29 | 34 | 39 | 42 | 42 | 38 | 30 | 21 | 11 | 5  | 2  | 4  | 10  | 20  | 654 | 27.3 |   | 2:7   | 42 | 13:28 | 43  | *  | *  | *    | *  | 7:44  | 23 | 20:7  | 2    | *  | *  | *  | *  |
| 25 | 30   | 40 | 45 | 46 | 42 | 36 | 29 | 23 | 19 | 19 | 23 | 29 | 37 | 44 | 47 | 46 | 38 | 28 | 16 | 5  | -2 | -3 | 1   | 10  | 648 | 27.0 |   | 2:38  | 46 | 14:12 | 48  | *  | *  | *    | *  | 8:32  | 19 | 20:49 | -4   | *  | *  | *  | *  |
| 26 | 23   | 36 | 46 | 50 | 48 | 41 | 32 | 23 | 16 | 13 | 15 | 21 | 31 | 41 | 49 | 52 | 47 | 36 | 23 | 10 | -1 | -7 | -7  | 1   | 639 | 26.6 |   | 3:7   | 50 | 14:51 | 52  | *  | *  | *    | *  | 9:12  | 13 | 21:28 | -8   | *  | *  | *  | *  |
| 27 | 14   | 29 | 43 | 52 | 53 | 46 | 36 | 25 | 16 | 9  | 7  | 12 | 22 | 34 | 46 | 54 | 54 | 45 | 32 | 17 | 4  | -6 | -10 | -7  | 627 | 26.1 | F | 3:37  | 53 | 15:30 | 55  | *  | *  | *    | *  | 9:48  | 7  | 22:5  | -10  | *  | *  | *  | *  |
| 28 | 4    | 20 | 36 | 50 | 56 | 52 | 42 | 29 | 18 | 8  | 2  | 2  | 11 | 24 | 38 | 50 | 56 | 53 | 41 | 26 | 12 | 0  | -9  | -10 | 611 | 25.5 |   | 4:8   | 56 | 16:9  | 56  | *  | *  | *    | *  | 10:24 | 1  | 22:41 | #-11 | *  | *  | *  | *  |

| 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      | 18374        | 27.3          | 13日 16時 18分 | 58 | 2  | 28日 22時 41分 | -11 | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 青森

緯度: 40 °50 N

経度: 140 °46 E

潮位表基準面の零点: 平均海面下 37.0(cm)

2021年3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  | -3   | 12 | 29 | 44 | 55 | 56 | 48 | 35 | 21 | 9  | 0   | -4  | 1  | 13 | 28 | 42 | 53 | 56 | 49 | 35 | 21 | 8  | -3 | -9 | 596 | 24.8 |   | 4:39 | 57   | 16:49 | 56 | *  | *  | *    | *  | 10:59 | -4   | 23:16 | -9 | *  | *  | * | * |
| 2  | -6   | 5  | 21 | 37 | 50 | 57 | 54 | 42 | 27 | 13 | 2   | -5  | -6 | 3  | 17 | 32 | 45 | 53 | 52 | 43 | 30 | 17 | 6  | -2 | 587 | 24.5 |   | 5:12 | 57   | 17:30 | 54 | *  | *  | *    | *  | 11:35 | -6   | 23:51 | -5 | *  | *  | * | * |
| 3  | -5   | 1  | 14 | 30 | 43 | 53 | 55 | 48 | 34 | 19 | 7   | -2  | -6 | -4 | 7  | 21 | 34 | 45 | 50 | 47 | 38 | 25 | 15 | 7  | 576 | 24.0 |   | 5:45 | 56   | 18:12 | 50 | *  | *  | *    | *  | 12:11 | -7   | *     | *  | *  | *  | * | * |
| 4  | 2    | 2  | 10 | 23 | 37 | 47 | 53 | 51 | 42 | 27 | 14  | 5   | -2 | -4 | 1  | 11 | 24 | 35 | 43 | 45 | 42 | 33 | 23 | 16 | 580 | 24.2 |   | 6:19 | 53   | 18:57 | 45 | *  | *  | *    | *  | 0:27  | 1    | 12:50 | -4 | *  | *  | * | * |
| 5  | 10   | 8  | 11 | 19 | 30 | 40 | 47 | 50 | 46 | 35 | 23  | 13  | 5  | 1  | 1  | 6  | 15 | 25 | 33 | 39 | 40 | 37 | 30 | 23 | 587 | 24.5 |   | 6:55 | 50   | 19:48 | 40 | *  | *  | *    | *  | 1: 4  | 8    | 13:34 | 0  | *  | *  | * | * |
| 6  | 19   | 16 | 15 | 18 | 25 | 34 | 41 | 45 | 45 | 41 | 32  | 22  | 14 | 9  | 6  | 6  | 10 | 16 | 23 | 30 | 34 | 35 | 33 | 30 | 599 | 25.0 | L | 7:34 | 46   | 20:55 | 35 | *  | *  | *    | *  | 1:49  | 15   | 14:35 | 6  | *  | *  | * | * |
| 7  | 27   | 24 | 22 | 22 | 23 | 28 | 34 | 39 | 41 | 41 | 37  | 31  | 24 | 19 | 15 | 11 | 9  | 11 | 15 | 20 | 25 | 30 | 32 | 33 | 613 | 25.5 |   | 8:25 | 42   | 22:57 | 33 | *  | *  | *    | *  | 2:57  | 22   | 16: 4 | 9  | *  | *  | * | * |
| 8  | 33   | 32 | 30 | 28 | 26 | 25 | 27 | 31 | 35 | 37 | 38  | 37  | 33 | 29 | 24 | 19 | 14 | 10 | 9  | 12 | 16 | 21 | 27 | 32 | 625 | 26.0 |   | 9:54 | 38   | *     | *  | *  | *  | 4:39 | 25 | 17:45 | 9    | *     | *  | *  | *  |   |   |
| 9  | 36   | 38 | 37 | 35 | 31 | 26 | 24 | 24 | 27 | 31 | 34  | 37  | 39 | 38 | 34 | 29 | 21 | 14 | 8  | 6  | 7  | 12 | 19 | 27 | 634 | 26.4 |   | 1:17 | 38   | 12:11 | 39 | *  | *  | *    | *  | 6:21  | 24   | 19: 4 | 6  | *  | *  | * | * |
| 10 | 35   | 41 | 43 | 41 | 37 | 30 | 24 | 20 | 19 | 22 | 27  | 34  | 40 | 44 | 43 | 38 | 30 | 21 | 11 | 4  | 1  | 4  | 10 | 19 | 638 | 26.6 |   | 2: 1 | 43   | 13:27 | 44 | *  | *  | *    | *  | 7:36  | 19   | 20: 1 | 1  | *  | *  | * | * |
| 11 | 30   | 40 | 46 | 47 | 42 | 35 | 27 | 19 | 14 | 14 | 19  | 27  | 36 | 44 | 48 | 47 | 39 | 28 | 17 | 7  | -1 | -3 | 2  | 11 | 635 | 26.5 |   | 2:35 | 47   | 14:15 | 49 | *  | *  | *    | *  | 8:29  | 13   | 20:46 | -3 | *  | *  | * | * |
| 12 | 23   | 36 | 46 | 51 | 48 | 40 | 31 | 21 | 12 | 8  | 10  | 18  | 28 | 40 | 49 | 52 | 47 | 36 | 24 | 12 | 2  | -5 | -4 | 4  | 629 | 26.2 |   | 3: 6 | 51   | 14:55 | 52 | *  | *  | *    | *  | 9:11  | 7    | 21:25 | -5 | *  | *  | * | * |
| 13 | 16   | 30 | 43 | 51 | 52 | 45 | 35 | 24 | 13 | 5  | 3   | 8   | 19 | 33 | 45 | 53 | 53 | 44 | 31 | 18 | 7  | -2 | -6 | -2 | 618 | 25.8 | N | 3:36 | 53   | 15:31 | 54 | *  | *  | *    | *  | 9:48  | 2    | 22: 0 | -6 | *  | *  | * | * |
| 14 | 9    | 24 | 38 | 49 | 54 | 50 | 39 | 27 | 16 | 5  | -1  | 0   | 10 | 24 | 38 | 49 | 54 | 50 | 39 | 25 | 12 | 2  | -4 | -5 | 604 | 25.2 |   | 4: 4 | 54   | 16: 6 | 54 | *  | *  | *    | *  | 10:22 | -2   | 22:32 | -5 | *  | *  | * | * |
| 15 | 4    | 17 | 32 | 45 | 52 | 52 | 44 | 31 | 19 | 8  | -1  | -4  | 2  | 14 | 30 | 43 | 51 | 53 | 45 | 32 | 19 | 8  | 0  | -3 | 593 | 24.7 |   | 4:31 | 54   | 16:39 | 53 | *  | *  | *    | *  | 10:54 | -4   | 23: 1 | -3 | *  | *  | * | * |
| 16 | 1    | 12 | 27 | 40 | 49 | 53 | 48 | 36 | 23 | 11 | 2   | -4  | -3 | 6  | 21 | 35 | 46 | 51 | 48 | 39 | 25 | 14 | 6  | 1  | 587 | 24.5 |   | 4:55 | 53   | 17:10 | 51 | *  | *  | *    | *  | 11:23 | -5   | 23:28 | 0  | *  | *  | * | * |
| 17 | 1    | 9  | 21 | 35 | 45 | 51 | 49 | 40 | 28 | 15 | 5   | -1  | -3 | 2  | 13 | 27 | 40 | 47 | 49 | 43 | 32 | 20 | 11 | 6  | 585 | 24.4 |   | 5:18 | 51   | 17:41 | 49 | *  | *  | *    | *  | 11:49 | -4   | 23:51 | 4  | *  | *  | * | * |
| 18 | 4    | 8  | 18 | 30 | 41 | 48 | 49 | 43 | 33 | 20 | 10  | 3   | -1 | 1  | 8  | 20 | 32 | 42 | 46 | 44 | 37 | 27 | 18 | 11 | 592 | 24.7 |   | 5:40 | 49   | 18:13 | 46 | *  | *  | *    | *  | 12:14 | -1   | *     | *  | *  | *  | * | * |
| 19 | 9    | 10 | 16 | 25 | 36 | 43 | 46 | 44 | 36 | 26 | 15  | 8   | 4  | 3  | 7  | 15 | 25 | 35 | 41 | 43 | 39 | 32 | 24 | 17 | 599 | 25.0 |   | 6: 4 | 46   | 18:48 | 43 | *  | *  | *    | *  | 0:13  | 9    | 12:39 | 3  | *  | *  | * | * |
| 20 | 14   | 14 | 17 | 23 | 31 | 38 | 43 | 43 | 38 | 30 | 21  | 14  | 9  | 7  | 8  | 12 | 19 | 27 | 34 | 38 | 38 | 34 | 29 | 23 | 604 | 25.2 |   | 6:31 | 44   | 19:30 | 39 | *  | *  | *    | *  | 0:35  | 14   | 13: 9 | 7  | *  | *  | * | * |
| 21 | 20   | 18 | 19 | 23 | 28 | 34 | 38 | 40 | 38 | 33 | 26  | 20  | 15 | 12 | 12 | 13 | 16 | 21 | 26 | 32 | 35 | 34 | 32 | 28 | 613 | 25.5 | U | 7: 3 | 40   | 20:25 | 35 | *  | *  | *    | *  | 1: 3  | 18   | 13:59 | 12 | *  | *  | * | * |
| 22 | 25   | 24 | 23 | 24 | 26 | 30 | 33 | 36 | 36 | 34 | 30  | 25  | 21 | 18 | 16 | 15 | 14 | 16 | 19 | 23 | 28 | 31 | 32 | 31 | 610 | 25.4 |   | 7:44 | 37   | 22: 0 | 32 | *  | *  | *    | *  | 1:49  | 23   | 15:45 | 14 | *  | *  | * | * |
| 23 | 30   | 29 | 28 | 27 | 27 | 27 | 29 | 31 | 32 | 33 | 32  | 30  | 28 | 25 | 22 | 19 | 15 | 13 | 13 | 15 | 19 | 24 | 29 | 32 | 609 | 25.4 |   | 8:57 | 33   | *     | *  | *  | *  | 4: 1 | 27 | 17:35 | 12   | *     | *  | *  | *  |   |   |
| 24 | 34   | 34 | 33 | 31 | 28 | 26 | 25 | 25 | 27 | 29 | 31  | 33  | 33 | 32 | 29 | 25 | 19 | 13 | 9  | 8  | 10 | 15 | 22 | 29 | 600 | 25.0 |   | 0:50 | 34   | 11:45 | 33 | *  | *  | *    | *  | 6:16  | 25   | 18:48 | 7  | *  | *  | * | * |
| 25 | 35   | 38 | 38 | 36 | 32 | 27 | 22 | 20 | 20 | 23 | 27  | 32  | 36 | 38 | 37 | 32 | 25 | 16 | 8  | 3  | 2  | 6  | 14 | 23 | 590 | 24.6 |   | 1:36 | 39   | 13: 9 | 38 | *  | *  | *    | *  | 7:25  | 20   | 19:40 | 2  | *  | *  | * | * |
| 26 | 33   | 40 | 43 | 42 | 36 | 29 | 21 | 16 | 13 | 15 | 20  | 27  | 35 | 42 | 44 | 41 | 33 | 22 | 11 | 2  | -3 | -2 | 4  | 15 | 579 | 24.1 |   | 2: 7 | 43   | 13:56 | 44 | *  | *  | *    | *  | 8: 9  | 13   | 20:23 | -3 | *  | *  | * | * |
| 27 | 28   | 39 | 46 | 47 | 42 | 33 | 23 | 14 | 8  | 6  | 10  | 19  | 30 | 41 | 48 | 49 | 43 | 31 | 18 | 6  | -3 | -7 | -4 | 6  | 573 | 23.9 |   | 2:36 | 48   | 14:37 | 50 | *  | *  | *    | *  | 8:46  | 6    | 21: 3 | -7 | *  | *  | * | * |
| 28 | 20   | 35 | 46 | 52 | 48 | 39 | 26 | 15 | 5  | -1 | 0   | 8   | 21 | 35 | 47 | 53 | 51 | 41 | 27 | 14 | 2  | -7 | -8 | -1 | 568 | 23.7 |   | 3: 6 | 52   | 15:17 | 54 | *  | *  | *    | *  | 9:22  | -1   | 21:40 | -9 | *  | *  | * | * |
| 29 | 12   | 28 | 43 | 53 | 54 | 46 | 32 | 18 | 6  | -4 | -7  | -3  | 9  | 25 | 40 | 52 | 56 | 51 | 38 | 23 | 10 | -1 | -7 | -5 | 569 | 23.7 | F | 3:38 | 55   | 15:56 | 56 | *  | *  | *    | *  | 9:58  | -7   | 22:17 | -8 | *  | *  | * | * |
| 30 | 5    | 21 | 37 | 50 | 57 | 53 | 41 | 25 | 10 | -2 | -10 | -10 | -2 | 13 | 30 | 45 | 55 | 56 | 47 | 33 | 19 | 7  | -2 | -5 | 573 | 23.9 |   | 4:10 | 57   | 16:36 | 57 | *  | *  | *    | *  | 10:34 | -11  | 22:54 | -5 | *  | *  | * | * |
| 31 | 1    | 14 | 30 | 45 | 55 | 57 | 49 | 33 | 17 | 3  | -7  | -12 | -9 | 3  | 19 | 35 | 48 | 55 | 52 | 42 | 28 | 16 | 7  | 1  | 582 | 24.3 |   | 4:42 | # 58 | 17:16 | 55 | *  | *  | *    | *  | 11:11 | #-13 | 23:30 | 0  | *  | *  | * | * |

| 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 |
| 744      | 18547        | 24.9          | 31日4時42分 | 58 | 1  | 31日11時11分 | -13 | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 青森

緯度: 40 °50 N

経度: 140 °46 E

潮位表基準面の零点: 平均海面下 37.0(cm)

2021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  | 1    | 9  | 24 | 38 | 50 | 57 | 54 | 42 | 26 | 11 | 0   | -8  | -11 | -4 | 9  | 24 | 38 | 48 | 52 | 47 | 36 | 25 | 16 | 9  | 593 | 24.7 |   | 5:16  | 57   | 17:58 | 52 | *  | *  | *    | *  | 11:48 | #-11 | *     | *  | *  | *  | *  | *  |
| 2  | 5    | 8  | 18 | 32 | 44 | 52 | 54 | 49 | 36 | 20 | 8   | 0   | -6  | -5 | 2  | 15 | 28 | 38 | 45 | 47 | 41 | 32 | 24 | 17 | 604 | 25.2 |   | 5:51  | 54   | 18:42 | 47 | *  | *  | *    | *  | 0: 8  | 5    | 12:28 | -6 | *  | *  | *  | *  |
| 3  | 13   | 12 | 16 | 25 | 36 | 45 | 50 | 49 | 42 | 30 | 18  | 9   | 3   | 0  | 2  | 9  | 19 | 28 | 36 | 41 | 41 | 36 | 30 | 25 | 615 | 25.6 |   | 6:27  | 50   | 19:32 | 42 | *  | *  | *    | *  | 0:48  | 12   | 13:13 | 0  | *  | *  | *  | *  |
| 4  | 21   | 18 | 18 | 22 | 29 | 37 | 43 | 45 | 43 | 37 | 27  | 19  | 13  | 9  | 7  | 8  | 13 | 20 | 27 | 32 | 36 | 37 | 34 | 31 | 626 | 26.1 | L | 7: 9  | 45   | 20:38 | 37 | *  | *  | *    | *  | 1:36  | 18   | 14:12 | 7  | *  | *  | *  | *  |
| 5  | 28   | 26 | 23 | 23 | 25 | 29 | 34 | 38 | 40 | 38 | 34  | 28  | 23  | 19 | 15 | 12 | 12 | 14 | 18 | 23 | 28 | 32 | 34 | 34 | 630 | 26.3 |   | 8: 6  | 40   | 22:34 | 34 | *  | *  | *    | *  | 2:49  | 23   | 15:42 | 11 | *  | *  | *  | *  |
| 6  | 33   | 32 | 30 | 27 | 24 | 24 | 26 | 30 | 33 | 35 | 35  | 34  | 31  | 28 | 24 | 19 | 15 | 12 | 12 | 15 | 20 | 25 | 30 | 35 | 629 | 26.2 |   | 9:49  | 35   | *     | *  | *  | *  | 4:33 | 24 | 17:25 | 12   | *     | *  | *  | *  |    |    |
| 7  | 37   | 38 | 36 | 32 | 27 | 23 | 21 | 21 | 24 | 28 | 32  | 35  | 37  | 36 | 33 | 27 | 21 | 14 | 10 | 9  | 11 | 17 | 24 | 31 | 624 | 26.0 |   | 0:43  | 38   | 12: 9 | 37 | *  | *  | *    | *  | 6:13  | 20   | 18:43 | 9  | *  | *  | *  | *  |
| 8  | 38   | 42 | 42 | 38 | 32 | 25 | 18 | 15 | 16 | 20 | 26  | 32  | 38  | 41 | 41 | 36 | 28 | 19 | 11 | 6  | 5  | 9  | 17 | 25 | 620 | 25.8 |   | 1:30  | 42   | 13:18 | 42 | *  | *  | *    | *  | 7:19  | 15   | 19:37 | 5  | *  | *  | *  | *  |
| 9  | 35   | 42 | 46 | 43 | 37 | 29 | 20 | 12 | 9  | 11 | 17  | 26  | 35  | 43 | 46 | 43 | 35 | 26 | 16 | 7  | 2  | 3  | 10 | 19 | 612 | 25.5 |   | 2: 5  | 46   | 14: 2 | 46 | *  | *  | *    | *  | 8: 5  | 9    | 20:20 | 2  | *  | *  | *  | *  |
| 10 | 30   | 40 | 47 | 48 | 42 | 33 | 22 | 12 | 5  | 3  | 8   | 18  | 29  | 40 | 48 | 49 | 43 | 33 | 21 | 11 | 3  | 0  | 4  | 13 | 602 | 25.1 |   | 2:36  | 49   | 14:40 | 50 | *  | *  | *    | *  | 8:45  | 3    | 20:58 | 0  | *  | *  | *  | *  |
| 11 | 25   | 36 | 46 | 51 | 47 | 38 | 26 | 15 | 5  | -1 | 1   | 9   | 22  | 35 | 46 | 52 | 50 | 40 | 28 | 17 | 7  | 1  | 1  | 8  | 605 | 25.2 |   | 3: 5  | 51   | 15:15 | 52 | *  | *  | *    | *  | 9:20  | -1   | 21:33 | 0  | *  | *  | *  | *  |
| 12 | 19   | 32 | 43 | 51 | 51 | 43 | 31 | 18 | 7  | -1 | -4  | 1   | 13  | 28 | 41 | 51 | 53 | 47 | 36 | 23 | 13 | 5  | 1  | 4  | 606 | 25.3 | N | 3:32  | 52   | 15:48 | 54 | *  | *  | *    | *  | 9:53  | -4   | 22: 5 | 1  | *  | *  | *  | *  |
| 13 | 14   | 28 | 40 | 49 | 52 | 48 | 36 | 22 | 10 | 1  | -5  | -4  | 5   | 20 | 35 | 47 | 53 | 52 | 43 | 30 | 18 | 10 | 4  | 4  | 612 | 25.5 |   | 3:57  | 52   | 16:20 | 54 | *  | *  | *    | *  | 10:23 | -6   | 22:34 | 3  | *  | *  | *  | *  |
| 14 | 11   | 23 | 36 | 47 | 52 | 51 | 42 | 28 | 15 | 4  | -3  | -5  | 0   | 12 | 27 | 41 | 51 | 53 | 48 | 37 | 25 | 15 | 9  | 6  | 625 | 26.0 |   | 4:20  | 53   | 16:50 | 53 | *  | *  | *    | *  | 10:51 | -6   | 23: 1 | 6  | *  | *  | *  | *  |
| 15 | 9    | 19 | 31 | 43 | 50 | 52 | 46 | 34 | 21 | 9  | 1   | -3  | -2  | 7  | 20 | 34 | 46 | 52 | 50 | 42 | 31 | 21 | 14 | 10 | 637 | 26.5 |   | 4:42  | 52   | 17:19 | 52 | *  | *  | *    | *  | 11:17 | -4   | 23:25 | 10 | *  | *  | *  | *  |
| 16 | 11   | 17 | 27 | 38 | 47 | 51 | 48 | 39 | 27 | 15 | 6   | 0   | 0   | 4  | 14 | 27 | 39 | 47 | 50 | 45 | 36 | 27 | 19 | 14 | 648 | 27.0 |   | 5: 6  | 51   | 17:50 | 50 | *  | *  | *    | *  | 11:42 | -1   | 23:48 | 13 | *  | *  | *  | *  |
| 17 | 13   | 16 | 24 | 34 | 43 | 48 | 48 | 42 | 32 | 21 | 12  | 6   | 3   | 5  | 11 | 21 | 32 | 41 | 46 | 46 | 40 | 32 | 24 | 19 | 659 | 27.5 |   | 5:32  | 49   | 18:24 | 47 | *  | *  | *    | *  | 12: 7 | 3    | *     | *  | *  | *  | *  | *  |
| 18 | 17   | 18 | 22 | 30 | 38 | 44 | 46 | 43 | 36 | 27 | 18  | 11  | 8   | 7  | 11 | 17 | 25 | 34 | 40 | 43 | 41 | 35 | 29 | 24 | 664 | 27.7 |   | 6: 0  | 46   | 19: 5 | 43 | *  | *  | *    | *  | 0:14  | 17   | 12:37 | 7  | *  | *  | *  | *  |
| 19 | 21   | 21 | 23 | 27 | 33 | 38 | 42 | 42 | 38 | 31 | 23  | 17  | 13  | 11 | 12 | 15 | 20 | 26 | 32 | 37 | 39 | 37 | 33 | 29 | 660 | 27.5 |   | 6:34  | 42   | 19:58 | 39 | *  | *  | *    | *  | 0:45  | 20   | 13:21 | 11 | *  | *  | *  | *  |
| 20 | 26   | 24 | 24 | 26 | 29 | 33 | 36 | 38 | 38 | 34 | 29  | 23  | 19  | 17 | 15 | 14 | 16 | 19 | 24 | 29 | 33 | 36 | 35 | 33 | 650 | 27.1 | U | 7:19  | 38   | 21:15 | 36 | *  | *  | *    | *  | 1:34  | 24   | 14:45 | 14 | *  | *  | *  | *  |
| 21 | 31   | 29 | 27 | 26 | 27 | 28 | 30 | 32 | 34 | 34 | 32  | 29  | 26  | 23 | 20 | 17 | 15 | 14 | 16 | 20 | 26 | 31 | 34 | 36 | 637 | 26.5 |   | 8:35  | 34   | 23:10 | 36 | *  | *  | *    | *  | 3:21  | 26   | 16:41 | 14 | *  | *  | *  | *  |
| 22 | 35   | 34 | 31 | 28 | 26 | 24 | 24 | 25 | 28 | 31 | 33  | 34  | 33  | 30 | 27 | 22 | 16 | 12 | 10 | 12 | 17 | 23 | 30 | 36 | 621 | 25.9 |   | 10:54 | 34   | *     | *  | *  | *  | 5:32 | 24 | 18: 2 | 10   | *     | *  | *  | *  |    |    |
| 23 | 39   | 39 | 36 | 32 | 27 | 22 | 18 | 18 | 20 | 24 | 30  | 35  | 38  | 38 | 35 | 29 | 22 | 14 | 8  | 6  | 8  | 15 | 24 | 33 | 610 | 25.4 |   | 0:32  | 39   | 12:36 | 39 | *  | *  | *    | *  | 6:42  | 18   | 18:59 | 6  | *  | *  | *  | *  |
| 24 | 40   | 43 | 42 | 37 | 30 | 22 | 15 | 11 | 11 | 15 | 23  | 31  | 39  | 44 | 44 | 39 | 30 | 20 | 11 | 4  | 3  | 7  | 16 | 27 | 604 | 25.2 |   | 1:17  | 44   | 13:31 | 45 | *  | *  | *    | *  | 7:29  | 10   | 19:46 | 2  | *  | *  | *  | *  |
| 25 | 38   | 46 | 48 | 44 | 36 | 25 | 15 | 7  | 3  | 5  | 13  | 23  | 35  | 45 | 50 | 49 | 40 | 29 | 17 | 7  | 1  | 1  | 9  | 20 | 606 | 25.3 |   | 1:53  | 48   | 14:16 | 51 | *  | *  | *    | *  | 8:10  | 3    | 20:29 | 0  | *  | *  | *  | *  |
| 26 | 33   | 45 | 52 | 52 | 44 | 31 | 18 | 7  | -1 | -4 | 1   | 13  | 26  | 40 | 51 | 55 | 51 | 40 | 27 | 15 | 5  | 1  | 3  | 13 | 618 | 25.8 |   | 2:28  | 53   | 14:59 | 55 | *  | *  | *    | *  | 8:50  | -4   | 21:10 | 0  | *  | *  | *  | *  |
| 27 | 27   | 41 | 52 | 57 | 53 | 40 | 25 | 11 | -1 | -8 | -8  | 1   | 15  | 31 | 46 | 56 | 58 | 50 | 37 | 24 | 13 | 5  | 2  | 8  | 635 | 26.5 | F | 3: 3  | 57   | 15:40 | 58 | *  | *  | *    | *  | 9:29  | -9   | 21:50 | 2  | *  | *  | *  | *  |
| 28 | 21   | 35 | 49 | 58 | 60 | 51 | 35 | 18 | 4  | -6 | -11 | -8  | 4   | 20 | 37 | 51 | 59 | 57 | 47 | 34 | 22 | 13 | 6  | 6  | 662 | 27.6 |   | 3:38  | 60   | 16:21 | 59 | *  | *  | *    | *  | 10: 9 | #-11 | 22:30 | 5  | *  | *  | *  | *  |
| 29 | 15   | 29 | 43 | 55 | 61 | 58 | 46 | 28 | 12 | 0  | -8  | -11 | -4  | 10 | 26 | 41 | 53 | 58 | 54 | 42 | 31 | 21 | 13 | 9  | 682 | 28.4 |   | 4:14  | # 62 | 17: 2 | 58 | *  | *  | *    | *  | 10:49 | #-11 | 23:10 | 9  | *  | *  | *  | *  |
| 30 | 12   | 22 | 36 | 49 | 58 | 61 | 54 | 40 | 23 | 9  | -1  | -7  | -7  | 2  | 16 | 31 | 44 | 53 | 55 | 49 | 38 | 29 | 21 | 15 | 702 | 29.3 |   | 4:50  | 61   | 17:44 | 55 | *  | *  | *    | *  | 11:30 | -8   | 23:52 | 13 | *  | *  | *  | *  |

| 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 |
| 720 | 18898 | 26.2 | 29日4時14分 | 62 | 1  | 29日10時49分 | -11 | 3  |

# 推算潮位（毎時・満干潮）

地点名：青森

緯度：40 °50 N

経度：140 °46 E

潮位表基準面の零点：平均海面下 37.0(cm)

2021 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 | 時刻 | 潮位 |
| 1  | 13   | 18 | 29 | 41 | 51 | 57 | 57 | 48 | 34 | 20 | 9  | 2  | -2 | 0  | 9  | 22 | 34 | 44 | 50 | 50 | 44 | 35 | 28 | 23 | 716 | 29.8 |   | 5:28  | 58   | 18:29 | 51 | *  | *  | *    | *  | 12:12 | -3   | *     | *  | *  | *  | *  | *  |
| 2  | 19   | 18 | 24 | 33 | 43 | 50 | 54 | 51 | 42 | 30 | 19 | 12 | 6  | 4  | 7  | 15 | 25 | 35 | 42 | 46 | 45 | 40 | 34 | 29 | 723 | 30.1 |   | 6: 8  | 54   | 19:20 | 47 | *  | *  | *    | *  | 0:37  | 18   | 12:59 | 4  | *  | *  | *  | *  |
| 3  | 25   | 22 | 22 | 27 | 34 | 41 | 46 | 48 | 45 | 38 | 29 | 21 | 16 | 12 | 10 | 13 | 19 | 26 | 33 | 39 | 42 | 42 | 39 | 35 | 724 | 30.2 |   | 6:56  | 48   | 20:24 | 43 | *  | *  | *    | *  | 1:31  | 21   | 13:57 | 10 | *  | *  | *  | *  |
| 4  | 31   | 28 | 25 | 24 | 27 | 32 | 37 | 41 | 42 | 40 | 36 | 30 | 25 | 21 | 17 | 15 | 16 | 20 | 25 | 31 | 36 | 39 | 40 | 39 | 717 | 29.9 | L | 7:58  | 42   | 21:50 | 40 | *  | *  | *    | *  | 2:41  | 24   | 15:15 | 15 | *  | *  | *  | *  |
| 5  | 37   | 34 | 30 | 26 | 24 | 25 | 28 | 32 | 35 | 38 | 38 | 36 | 32 | 29 | 25 | 20 | 17 | 16 | 18 | 23 | 29 | 34 | 38 | 41 | 705 | 29.4 |   | 9:34  | 38   | 23:30 | 41 | *  | *  | *    | *  | 4:13  | 24   | 16:44 | 16 | *  | *  | *  | *  |
| 6  | 41   | 39 | 35 | 30 | 25 | 21 | 20 | 23 | 27 | 32 | 36 | 38 | 38 | 36 | 32 | 27 | 21 | 16 | 15 | 16 | 21 | 28 | 34 | 40 | 691 | 28.8 |   | 11:33 | 38   | *     | *  | *  | *  | 5:40 | 20 | 17:59 | 15   | *     | *  | *  | *  |    |    |
| 7  | 43   | 43 | 41 | 35 | 28 | 21 | 16 | 15 | 18 | 24 | 30 | 36 | 41 | 42 | 39 | 34 | 27 | 20 | 14 | 13 | 15 | 21 | 29 | 36 | 681 | 28.4 |   | 0:36  | 44   | 12:49 | 42 | *  | *  | *    | *  | 6:42  | 15   | 18:55 | 13 | *  | *  | *  | *  |
| 8  | 43   | 46 | 45 | 40 | 33 | 24 | 16 | 10 | 11 | 16 | 23 | 32 | 40 | 45 | 46 | 42 | 34 | 26 | 18 | 12 | 11 | 15 | 23 | 32 | 683 | 28.5 |   | 1:20  | 46   | 13:38 | 46 | *  | *  | *    | *  | 7:29  | 10   | 19:42 | 11 | *  | *  | *  | *  |
| 9  | 40   | 47 | 49 | 46 | 38 | 28 | 18 | 9  | 5  | 8  | 15 | 26 | 36 | 45 | 50 | 49 | 42 | 32 | 23 | 15 | 11 | 12 | 18 | 27 | 689 | 28.7 |   | 1:55  | 49   | 14:18 | 50 | *  | *  | *    | *  | 8: 9  | 5    | 20:22 | 11 | *  | *  | *  | *  |
| 10 | 37   | 45 | 51 | 50 | 43 | 33 | 21 | 11 | 4  | 2  | 7  | 18 | 30 | 42 | 51 | 53 | 49 | 40 | 29 | 20 | 14 | 11 | 14 | 23 | 698 | 29.1 |   | 2:27  | 51   | 14:54 | 53 | *  | *  | *    | *  | 8:46  | 2    | 20:59 | 11 | *  | *  | *  | *  |
| 11 | 33   | 43 | 51 | 54 | 49 | 39 | 26 | 14 | 5  | 0  | 2  | 10 | 23 | 37 | 48 | 55 | 55 | 47 | 36 | 26 | 18 | 13 | 13 | 19 | 716 | 29.8 |   | 2:55  | 54   | 15:27 | 56 | *  | *  | *    | *  | 9:20  | 0    | 21:33 | 12 | *  | *  | *  | *  |
| 12 | 29   | 41 | 50 | 55 | 54 | 45 | 32 | 19 | 9  | 1  | -1 | 4  | 15 | 30 | 44 | 54 | 57 | 53 | 43 | 32 | 23 | 17 | 14 | 17 | 737 | 30.7 | N | 3:21  | 55   | 15:59 | 57 | *  | *  | *    | *  | 9:52  | -1   | 22: 4 | 14 | *  | *  | *  | *  |
| 13 | 25   | 37 | 47 | 55 | 56 | 51 | 40 | 26 | 14 | 5  | 0  | 1  | 9  | 23 | 37 | 49 | 57 | 56 | 49 | 39 | 29 | 22 | 17 | 17 | 761 | 31.7 |   | 3:46  | 57   | 16:29 | 57 | *  | *  | *    | *  | 10:22 | 0    | 22:33 | 17 | *  | *  | *  | *  |
| 14 | 22   | 32 | 44 | 53 | 57 | 55 | 46 | 33 | 20 | 10 | 3  | 1  | 6  | 16 | 30 | 43 | 53 | 57 | 53 | 44 | 34 | 26 | 21 | 19 | 778 | 32.4 |   | 4:11  | 57   | 17: 0 | 57 | *  | *  | *    | *  | 10:51 | 1    | 23: 1 | 19 | *  | *  | *  | *  |
| 15 | 21   | 29 | 39 | 49 | 55 | 56 | 50 | 39 | 27 | 16 | 8  | 4  | 5  | 12 | 23 | 36 | 47 | 54 | 54 | 48 | 39 | 31 | 25 | 21 | 788 | 32.8 |   | 4:38  | 57   | 17:32 | 55 | *  | *  | *    | *  | 11:20 | 4    | 23:30 | 21 | *  | *  | *  | *  |
| 16 | 21   | 26 | 34 | 44 | 51 | 55 | 53 | 44 | 33 | 22 | 13 | 8  | 7  | 10 | 18 | 29 | 40 | 49 | 52 | 50 | 44 | 36 | 29 | 25 | 793 | 33.0 |   | 5: 8  | 55   | 18: 8 | 52 | *  | *  | *    | *  | 11:51 | 7    | *     | *  | *  | *  | *  | *  |
| 17 | 23   | 25 | 30 | 38 | 46 | 51 | 52 | 47 | 38 | 28 | 19 | 13 | 10 | 10 | 15 | 23 | 32 | 41 | 48 | 49 | 46 | 40 | 33 | 28 | 785 | 32.7 |   | 5:41  | 52   | 18:51 | 49 | *  | *  | *    | *  | 0: 2  | 23   | 12:26 | 10 | *  | *  | *  | *  |
| 18 | 25   | 25 | 28 | 33 | 39 | 45 | 48 | 47 | 42 | 34 | 25 | 19 | 15 | 13 | 14 | 18 | 25 | 33 | 40 | 45 | 46 | 43 | 38 | 33 | 773 | 32.2 |   | 6:20  | 48   | 19:42 | 46 | *  | *  | *    | *  | 0:41  | 25   | 13:11 | 13 | *  | *  | *  | *  |
| 19 | 29   | 27 | 27 | 29 | 33 | 38 | 42 | 44 | 43 | 38 | 32 | 25 | 21 | 17 | 15 | 16 | 19 | 25 | 32 | 38 | 43 | 44 | 41 | 37 | 755 | 31.5 |   | 7:12  | 44   | 20:46 | 44 | *  | *  | *    | *  | 1:34  | 26   | 14:16 | 15 | *  | *  | *  | *  |
| 20 | 33   | 30 | 28 | 27 | 28 | 31 | 35 | 38 | 40 | 40 | 37 | 32 | 28 | 23 | 20 | 17 | 16 | 19 | 24 | 30 | 37 | 42 | 43 | 42 | 740 | 30.8 | U | 8:26  | 41   | 22: 0 | 43 | *  | *  | *    | *  | 2:56  | 27   | 15:44 | 16 | *  | *  | *  | *  |
| 21 | 39   | 35 | 31 | 27 | 25 | 24 | 26 | 30 | 34 | 38 | 40 | 39 | 36 | 31 | 27 | 22 | 17 | 15 | 17 | 22 | 29 | 37 | 42 | 45 | 728 | 30.3 |   | 10: 8 | 40   | 23:14 | 45 | *  | *  | *    | *  | 4:36  | 24   | 17: 5 | 15 | *  | *  | *  | *  |
| 22 | 44   | 41 | 35 | 29 | 24 | 20 | 19 | 21 | 26 | 32 | 38 | 42 | 43 | 40 | 36 | 29 | 22 | 17 | 14 | 16 | 22 | 30 | 39 | 45 | 724 | 30.2 |   | 11:49 | 43   | *     | *  | *  | *  | 5:50 | 19 | 18: 8 | 14   | *     | *  | *  | *  |    |    |
| 23 | 49   | 47 | 42 | 35 | 26 | 19 | 13 | 12 | 16 | 23 | 31 | 40 | 46 | 48 | 46 | 39 | 31 | 22 | 16 | 13 | 16 | 23 | 33 | 43 | 729 | 30.4 |   | 0:15  | 49   | 12:59 | 48 | *  | *  | *    | *  | 6:45  | 12   | 19: 1 | 13 | *  | *  | *  | *  |
| 24 | 50   | 53 | 51 | 43 | 32 | 21 | 12 | 7  | 6  | 12 | 22 | 33 | 43 | 51 | 54 | 50 | 41 | 31 | 22 | 15 | 13 | 18 | 27 | 38 | 745 | 31.0 |   | 1: 4  | 53   | 13:53 | 54 | *  | *  | *    | *  | 7:32  | 6    | 19:49 | 13 | *  | *  | *  | *  |
| 25 | 49   | 56 | 58 | 53 | 41 | 28 | 16 | 6  | 1  | 2  | 11 | 23 | 36 | 48 | 57 | 58 | 52 | 41 | 30 | 22 | 16 | 15 | 21 | 32 | 772 | 32.2 |   | 1:48  | 58   | 14:40 | 58 | *  | *  | *    | *  | 8:18  | 0    | 20:36 | 14 | *  | *  | *  | *  |
| 26 | 44   | 55 | 62 | 62 | 53 | 38 | 23 | 10 | 1  | -3 | 1  | 11 | 26 | 40 | 53 | 61 | 60 | 51 | 40 | 30 | 22 | 17 | 18 | 26 | 801 | 33.4 | F | 2:30  | 63   | 15:24 | 62 | *  | *  | *    | *  | 9: 3  | -3   | 21:22 | 16 | *  | *  | *  | *  |
| 27 | 38   | 51 | 61 | 66 | 63 | 51 | 34 | 18 | 6  | -2 | -4 | 2  | 15 | 30 | 45 | 57 | 63 | 59 | 49 | 38 | 29 | 22 | 18 | 21 | 830 | 34.6 |   | 3:10  | 67   | 16: 7 | 63 | *  | *  | *    | *  | 9:48  | # -4 | 22: 8 | 18 | *  | *  | *  | *  |
| 28 | 31   | 44 | 56 | 65 | 68 | 61 | 46 | 29 | 15 | 5  | -2 | -3 | 6  | 20 | 35 | 49 | 59 | 62 | 57 | 46 | 37 | 29 | 23 | 20 | 858 | 35.8 |   | 3:50  | # 68 | 16:50 | 62 | *  | *  | *    | *  | 10:33 | # -4 | 22:54 | 20 | *  | *  | *  | *  |
| 29 | 25   | 36 | 49 | 60 | 67 | 67 | 57 | 42 | 26 | 14 | 5  | 0  | 1  | 11 | 25 | 39 | 51 | 59 | 60 | 53 | 44 | 36 | 29 | 24 | 880 | 36.7 |   | 4:31  | # 68 | 17:34 | 61 | *  | *  | *    | *  | 11:18 | -1   | 23:41 | 22 | *  | *  | *  | *  |
| 30 | 23   | 29 | 40 | 51 | 60 | 65 | 62 | 52 | 37 | 24 | 15 | 7  | 4  | 7  | 17 | 30 | 42 | 52 | 57 | 56 | 49 | 42 | 35 | 29 | 885 | 36.9 |   | 5:12  | 65   | 18:20 | 58 | *  | *  | *    | *  | 12: 3 | 4    | *     | *  | *  | *  | *  | *  |
| 31 | 25   | 25 | 31 | 41 | 51 | 58 | 60 | 56 | 46 | 34 | 24 | 16 | 11 | 9  | 13 | 23 | 34 | 43 | 51 | 55 | 53 | 47 | 40 | 35 | 881 | 36.7 |   | 5:56  | 60   | 19: 9 | 55 | *  | *  | *    | *  | 0:29  | 24   | 12:49 | 9  | *  | *  | *  | *  |

| 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 |
| 744      | 23486        | 31.6          | 29日 4時 31分 | 68 | 2  | 28日 10時 33分 | -4 | 2  |

# 推算潮位 (毎時・満干潮)

地点名: 青森

緯度: 40 °50 N

経度: 140 °46 E

潮位表基準面の零点: 平均海面下 37.0(cm)

2021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 |   |   |
| 1  | 29   | 26 | 27 | 33 | 41 | 48 | 53 | 54 | 50 | 42 | 33 | 25 | 19 | 15 | 14 | 19 | 27 | 35 | 43 | 49 | 52 | 50 | 45 | 40 | 869  | 36.2 |   | 6:46  | 54   | 20: 3 | 52 | *  | *  | *    | *  | 1:22  | 26  | 13:40 | 14 | *  | *  | * | * |
| 2  | 35   | 30 | 27 | 27 | 32 | 38 | 44 | 48 | 49 | 46 | 39 | 33 | 27 | 22 | 19 | 19 | 22 | 28 | 36 | 42 | 47 | 49 | 48 | 44 | 851  | 35.5 | L | 7:45  | 49   | 21: 3 | 49 | *  | *  | *    | *  | 2:24  | 26  | 14:39 | 18 | *  | *  | * | * |
| 3  | 40   | 35 | 30 | 26 | 26 | 29 | 34 | 39 | 43 | 45 | 43 | 39 | 34 | 30 | 26 | 22 | 21 | 24 | 29 | 36 | 42 | 46 | 48 | 47 | 834  | 34.8 |   | 8:59  | 45   | 22:10 | 48 | *  | *  | *    | *  | 3:37  | 26  | 15:49 | 21 | *  | *  | * | * |
| 4  | 44   | 40 | 35 | 29 | 25 | 23 | 26 | 31 | 36 | 40 | 43 | 43 | 40 | 37 | 32 | 28 | 24 | 22 | 24 | 29 | 36 | 42 | 46 | 49 | 824  | 34.3 |   | 10:30 | 43   | 23:19 | 49 | *  | *  | *    | *  | 4:52  | 23  | 16:59 | 22 | *  | *  | * | * |
| 5  | 48   | 45 | 40 | 34 | 27 | 22 | 20 | 22 | 28 | 34 | 40 | 44 | 45 | 43 | 40 | 35 | 29 | 25 | 23 | 25 | 30 | 37 | 43 | 48 | 827  | 34.5 |   | 11:58 | 45   | *     | *  | *  | *  | 5:55 | 20 | 18: 0 | 23  | *     | *  | *  | *  |   |   |
| 6  | 50   | 49 | 45 | 39 | 31 | 23 | 18 | 16 | 20 | 27 | 34 | 41 | 47 | 49 | 47 | 42 | 36 | 29 | 25 | 23 | 26 | 32 | 39 | 46 | 834  | 34.8 |   | 0:19  | 50   | 13: 3 | 49 | *  | *  | *    | *  | 6:46  | 16  | 18:52 | 23 | *  | *  | * | * |
| 7  | 50   | 53 | 51 | 45 | 36 | 27 | 19 | 14 | 14 | 19 | 28 | 37 | 45 | 51 | 53 | 50 | 43 | 35 | 29 | 25 | 24 | 28 | 35 | 43 | 854  | 35.6 |   | 1: 6  | 53   | 13:51 | 53 | *  | *  | *    | *  | 7:30  | 13  | 19:38 | 24 | *  | *  | * | * |
| 8  | 50   | 54 | 55 | 51 | 43 | 32 | 22 | 14 | 10 | 12 | 20 | 30 | 41 | 50 | 56 | 56 | 51 | 42 | 34 | 28 | 25 | 26 | 31 | 39 | 872  | 36.3 |   | 1:45  | 56   | 14:31 | 57 | *  | *  | *    | *  | 8:11  | 10  | 20:20 | 25 | *  | *  | * | * |
| 9  | 48   | 55 | 58 | 57 | 50 | 39 | 27 | 17 | 11 | 9  | 13 | 23 | 35 | 47 | 56 | 60 | 57 | 50 | 40 | 33 | 28 | 26 | 28 | 35 | 902  | 37.6 |   | 2:18  | 59   | 15: 7 | 60 | *  | *  | *    | *  | 8:49  | 9   | 20:59 | 26 | *  | *  | * | * |
| 10 | 45   | 53 | 60 | 61 | 57 | 47 | 34 | 22 | 13 | 8  | 9  | 16 | 27 | 41 | 52 | 60 | 61 | 56 | 47 | 38 | 32 | 28 | 27 | 32 | 926  | 38.6 | N | 2:48  | 61   | 15:41 | 62 | *  | *  | *    | *  | 9:26  | 8   | 21:35 | 27 | *  | *  | * | * |
| 11 | 40   | 50 | 59 | 63 | 62 | 54 | 41 | 28 | 18 | 10 | 8  | 11 | 20 | 33 | 47 | 57 | 62 | 60 | 53 | 44 | 36 | 30 | 28 | 30 | 944  | 39.3 |   | 3:18  | 64   | 16:13 | 63 | *  | *  | *    | *  | 10: 1 | 8   | 22: 9 | 28 | *  | *  | * | * |
| 12 | 36   | 46 | 56 | 63 | 65 | 60 | 49 | 36 | 24 | 14 | 9  | 9  | 14 | 26 | 39 | 52 | 60 | 62 | 57 | 49 | 40 | 34 | 29 | 28 | 957  | 39.9 |   | 3:48  | 65   | 16:46 | 62 | *  | *  | *    | *  | 10:35 | 8   | 22:44 | 28 | *  | *  | * | * |
| 13 | 32   | 40 | 50 | 59 | 64 | 63 | 55 | 43 | 30 | 20 | 12 | 9  | 11 | 19 | 32 | 45 | 56 | 61 | 60 | 53 | 45 | 37 | 32 | 29 | 957  | 39.9 |   | 4:20  | 65   | 17:20 | 62 | *  | *  | *    | *  | 11: 9 | 9   | 23:20 | 28 | *  | *  | * | * |
| 14 | 29   | 35 | 44 | 53 | 61 | 63 | 59 | 49 | 37 | 26 | 17 | 12 | 11 | 15 | 25 | 37 | 48 | 57 | 60 | 57 | 49 | 41 | 35 | 30 | 950  | 39.6 |   | 4:54  | 63   | 17:58 | 60 | *  | *  | *    | *  | 11:44 | 10  | 23:58 | 28 | *  | *  | * | * |
| 15 | 28   | 31 | 38 | 46 | 54 | 59 | 59 | 54 | 43 | 32 | 23 | 16 | 12 | 13 | 19 | 29 | 40 | 50 | 57 | 58 | 53 | 46 | 39 | 33 | 932  | 38.8 |   | 5:32  | 60   | 18:40 | 58 | *  | *  | *    | *  | 12:22 | 12  | *     | *  | *  | *  | * | * |
| 16 | 29   | 29 | 32 | 39 | 47 | 53 | 56 | 55 | 48 | 39 | 30 | 22 | 17 | 14 | 17 | 23 | 32 | 42 | 51 | 56 | 55 | 50 | 43 | 37 | 916  | 38.2 |   | 6:16  | 56   | 19:27 | 56 | *  | *  | *    | *  | 0:40  | 28  | 13: 4 | 14 | *  | *  | * | * |
| 17 | 32   | 29 | 29 | 32 | 38 | 45 | 50 | 52 | 51 | 45 | 37 | 29 | 23 | 19 | 17 | 20 | 26 | 34 | 43 | 51 | 55 | 54 | 48 | 42 | 901  | 37.5 |   | 7: 9  | 53   | 20:18 | 55 | *  | *  | *    | *  | 1:30  | 28  | 13:55 | 17 | *  | *  | * | * |
| 18 | 36   | 31 | 28 | 28 | 31 | 36 | 42 | 47 | 49 | 48 | 43 | 37 | 31 | 25 | 22 | 20 | 22 | 28 | 36 | 44 | 51 | 54 | 53 | 48 | 890  | 37.1 | U | 8:14  | 49   | 21:12 | 54 | *  | *  | *    | *  | 2:33  | 28  | 14:58 | 20 | *  | *  | * | * |
| 19 | 41   | 35 | 30 | 27 | 26 | 28 | 33 | 39 | 44 | 47 | 48 | 44 | 39 | 34 | 29 | 25 | 23 | 24 | 29 | 37 | 45 | 52 | 55 | 53 | 887  | 37.0 |   | 9:33  | 48   | 22:11 | 55 | *  | *  | *    | *  | 3:49  | 25  | 16:10 | 22 | *  | *  | * | * |
| 20 | 48   | 42 | 35 | 29 | 24 | 22 | 24 | 29 | 36 | 42 | 47 | 49 | 47 | 43 | 38 | 32 | 27 | 24 | 26 | 31 | 39 | 47 | 54 | 57 | 892  | 37.2 |   | 11: 3 | 49   | 23:13 | 57 | *  | *  | *    | *  | 5: 2  | 22  | 17:16 | 24 | *  | *  | * | * |
| 21 | 56   | 50 | 42 | 34 | 26 | 20 | 17 | 19 | 26 | 34 | 42 | 48 | 52 | 52 | 48 | 42 | 35 | 29 | 26 | 27 | 33 | 42 | 50 | 57 | 907  | 37.8 |   | 12:27 | 53   | *     | *  | *  | *  | 6: 4 | 17 | 18:16 | 26  | *     | *  | *  | *  |   |   |
| 22 | 60   | 59 | 53 | 43 | 32 | 23 | 15 | 13 | 16 | 23 | 33 | 43 | 51 | 56 | 57 | 52 | 45 | 37 | 31 | 28 | 29 | 36 | 45 | 54 | 934  | 38.9 |   | 0:15  | 61   | 13:33 | 57 | *  | *  | *    | *  | 7: 0  | 13  | 19:12 | 28 | *  | *  | * | * |
| 23 | 61   | 65 | 63 | 55 | 42 | 30 | 19 | 11 | 9  | 13 | 22 | 33 | 45 | 55 | 61 | 61 | 55 | 46 | 38 | 32 | 29 | 31 | 39 | 49 | 964  | 40.2 |   | 1:12  | 65   | 14:27 | 62 | *  | *  | *    | *  | 7:53  | 9   | 20: 7 | 29 | *  | *  | * | * |
| 24 | 58   | 66 | 70 | 66 | 55 | 40 | 27 | 16 | 8  | 6  | 12 | 22 | 35 | 48 | 59 | 65 | 63 | 55 | 46 | 39 | 33 | 30 | 33 | 42 | 994  | 41.4 |   | 2: 3  | 70   | 15:14 | 65 | *  | *  | *    | *  | 8:46  | 6   | 21: 2 | 30 | *  | *  | * | * |
| 25 | 52   | 63 | 71 | 73 | 67 | 53 | 38 | 24 | 13 | 6  | 5  | 12 | 25 | 39 | 52 | 63 | 67 | 63 | 54 | 46 | 38 | 33 | 30 | 34 | 1021 | 42.5 | F | 2:50  | 73   | 15:59 | 67 | *  | *  | *    | *  | 9:36  | # 5 | 21:55 | 30 | *  | *  | * | * |
| 26 | 44   | 56 | 66 | 73 | 74 | 65 | 50 | 35 | 22 | 12 | 6  | 6  | 15 | 29 | 43 | 57 | 66 | 68 | 62 | 53 | 44 | 37 | 31 | 30 | 1044 | 43.5 |   | 3:35  | # 75 | 16:42 | 68 | *  | *  | *    | *  | 10:24 | # 5 | 22:45 | 30 | *  | *  | * | * |
| 27 | 35   | 46 | 58 | 68 | 74 | 72 | 61 | 46 | 32 | 20 | 11 | 7  | 10 | 20 | 34 | 48 | 60 | 67 | 66 | 59 | 50 | 42 | 35 | 30 | 1051 | 43.8 |   | 4:18  | 74   | 17:24 | 68 | *  | *  | *    | *  | 11:10 | 7   | 23:33 | 29 | *  | *  | * | * |
| 28 | 29   | 37 | 48 | 59 | 68 | 72 | 68 | 56 | 42 | 29 | 20 | 12 | 9  | 15 | 26 | 39 | 52 | 62 | 66 | 63 | 56 | 47 | 40 | 33 | 1048 | 43.7 |   | 5: 2  | 72   | 18: 7 | 66 | *  | *  | *    | *  | 11:53 | 9   | *     | *  | *  | *  | * | * |
| 29 | 28   | 30 | 38 | 49 | 58 | 65 | 67 | 62 | 50 | 38 | 28 | 20 | 14 | 14 | 21 | 32 | 44 | 55 | 62 | 64 | 60 | 52 | 44 | 37 | 1032 | 43.0 |   | 5:46  | 67   | 18:49 | 64 | *  | *  | *    | *  | 0:19  | 28  | 12:34 | 13 | *  | *  | * | * |
| 30 | 31   | 28 | 30 | 38 | 48 | 56 | 61 | 61 | 55 | 46 | 35 | 27 | 21 | 18 | 19 | 27 | 37 | 47 | 56 | 61 | 61 | 56 | 49 | 42 | 1010 | 42.1 |   | 6:32  | 62   | 19:32 | 62 | *  | *  | *    | *  | 1: 6  | 28  | 13:15 | 18 | *  | *  | * | * |

| 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      | 27824        | 38.6          | 26日 3時 35分 | 75 | 1  | 26日 10時 24分 | 5  | 2  |

# 推算潮位 (毎時・満干潮)

地点名: 青森

緯度: 40 °50 N

経度: 140 °46 E

潮位表基準面の零点: 平均海面下 37.0(cm)

2021 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  | 35   | 30 | 28 | 31 | 38 | 46 | 53 | 56 | 56 | 50 | 42 | 34 | 28 | 24 | 22 | 25 | 32 | 41 | 49 | 56 | 59 | 58 | 53 | 46 | 992  | 41.3 |   | 7:23  | 57   | 20:16 | 59 | *  | *  | *    | *  | 1:57  | 28   | 13:59 | 22 | *  | *  | *  | *  |
| 2  | 40   | 34 | 30 | 28 | 31 | 37 | 44 | 49 | 52 | 52 | 47 | 41 | 35 | 31 | 28 | 27 | 29 | 35 | 43 | 50 | 55 | 57 | 55 | 51 | 981  | 40.9 | L | 8:21  | 53   | 21: 2 | 57 | *  | *  | *    | *  | 2:54  | 28   | 14:51 | 27 | *  | *  | *  | *  |
| 3  | 45   | 39 | 34 | 29 | 28 | 30 | 35 | 41 | 47 | 50 | 50 | 47 | 42 | 38 | 34 | 31 | 30 | 32 | 38 | 45 | 51 | 55 | 56 | 54 | 981  | 40.9 |   | 9:29  | 50   | 21:54 | 56 | *  | *  | *    | *  | 3:59  | 28   | 15:54 | 30 | *  | *  | *  | *  |
| 4  | 50   | 45 | 39 | 33 | 28 | 26 | 28 | 33 | 40 | 45 | 49 | 50 | 48 | 45 | 41 | 38 | 34 | 33 | 35 | 40 | 46 | 51 | 55 | 56 | 988  | 41.2 |   | 10:53 | 50   | 22:56 | 56 | *  | *  | *    | *  | 5: 4  | 26   | 17: 0 | 33 | *  | *  | *  | *  |
| 5  | 54   | 51 | 45 | 39 | 32 | 27 | 24 | 26 | 32 | 39 | 45 | 50 | 52 | 52 | 49 | 45 | 40 | 36 | 35 | 37 | 41 | 47 | 52 | 56 | 1006 | 41.9 |   | 12:21 | 52   | *     | *  | *  | *  | 6: 2 | 24 | 18: 0 | 35   | *     | *  | *  | *  |    |    |
| 6  | 57   | 56 | 52 | 45 | 37 | 30 | 24 | 22 | 25 | 32 | 40 | 47 | 53 | 56 | 56 | 52 | 47 | 41 | 38 | 36 | 38 | 43 | 49 | 55 | 1031 | 43.0 |   | 0: 4  | 57   | 13:26 | 56 | *  | *  | *    | *  | 6:53  | 22   | 18:54 | 36 | *  | *  | *  | *  |
| 7  | 59   | 60 | 58 | 53 | 44 | 34 | 26 | 21 | 20 | 24 | 32 | 42 | 50 | 57 | 60 | 59 | 54 | 47 | 42 | 38 | 37 | 40 | 45 | 52 | 1054 | 43.9 |   | 1: 2  | 60   | 14:14 | 60 | *  | *  | *    | *  | 7:40  | 20   | 19:44 | 37 | *  | *  | *  | *  |
| 8  | 58   | 62 | 63 | 60 | 52 | 41 | 31 | 23 | 18 | 19 | 24 | 34 | 45 | 55 | 62 | 64 | 60 | 54 | 47 | 41 | 38 | 38 | 41 | 48 | 1078 | 44.9 |   | 1:46  | 64   | 14:53 | 64 | *  | *  | *    | *  | 8:25  | 18   | 20:32 | 37 | *  | *  | *  | *  |
| 9  | 56   | 63 | 67 | 66 | 60 | 49 | 37 | 26 | 19 | 16 | 18 | 26 | 37 | 50 | 60 | 66 | 65 | 60 | 52 | 45 | 40 | 37 | 38 | 43 | 1096 | 45.7 |   | 2:23  | 67   | 15:28 | 66 | *  | *  | *    | *  | 9: 7  | 16   | 21:16 | 37 | *  | *  | *  | *  |
| 10 | 51   | 60 | 67 | 70 | 66 | 57 | 44 | 32 | 22 | 16 | 14 | 19 | 29 | 42 | 55 | 64 | 68 | 65 | 57 | 49 | 42 | 38 | 36 | 38 | 1101 | 45.9 | N | 2:58  | 70   | 16: 1 | 68 | *  | *  | *    | *  | 9:46  | 14   | 21:57 | 36 | *  | *  | *  | *  |
| 11 | 45   | 55 | 64 | 70 | 71 | 64 | 52 | 39 | 27 | 18 | 13 | 14 | 21 | 34 | 48 | 60 | 68 | 68 | 62 | 54 | 46 | 39 | 35 | 34 | 1101 | 45.9 |   | 3:32  | 71   | 16:34 | 69 | *  | *  | *    | *  | 10:23 | 13   | 22:36 | 34 | *  | *  | *  | *  |
| 12 | 39   | 48 | 58 | 67 | 71 | 69 | 59 | 46 | 33 | 23 | 15 | 12 | 16 | 26 | 39 | 53 | 64 | 69 | 66 | 59 | 50 | 42 | 35 | 32 | 1091 | 45.5 |   | 4: 8  | 71   | 17: 8 | 69 | *  | *  | *    | *  | 10:59 | 12   | 23:14 | 32 | *  | *  | *  | *  |
| 13 | 33   | 40 | 50 | 60 | 68 | 70 | 64 | 53 | 40 | 29 | 20 | 14 | 13 | 20 | 31 | 45 | 58 | 66 | 68 | 63 | 54 | 45 | 37 | 32 | 1073 | 44.7 |   | 4:46  | 70   | 17:44 | 69 | *  | *  | *    | *  | 11:35 | 13   | 23:53 | 30 | *  | *  | *  | *  |
| 14 | 30   | 33 | 42 | 52 | 61 | 67 | 66 | 59 | 48 | 36 | 26 | 18 | 14 | 16 | 25 | 37 | 50 | 61 | 67 | 66 | 59 | 50 | 41 | 34 | 1058 | 44.1 |   | 5:27  | 67   | 18:22 | 68 | *  | *  | *    | *  | 12:11 | 14   | *     | *  | *  | *  | *  | *  |
| 15 | 29   | 29 | 34 | 43 | 52 | 60 | 64 | 62 | 54 | 43 | 33 | 24 | 19 | 17 | 21 | 31 | 42 | 54 | 63 | 66 | 63 | 55 | 45 | 37 | 1040 | 43.3 |   | 6:12  | 64   | 19: 2 | 66 | *  | *  | *    | *  | 0:33  | 28   | 12:49 | 17 | *  | *  | *  | *  |
| 16 | 31   | 27 | 29 | 35 | 43 | 51 | 58 | 61 | 58 | 50 | 41 | 32 | 26 | 22 | 22 | 27 | 36 | 47 | 56 | 63 | 65 | 60 | 51 | 42 | 1033 | 43.0 |   | 7: 2  | 61   | 19:45 | 65 | *  | *  | *    | *  | 1:16  | 27   | 13:31 | 21 | *  | *  | *  | *  |
| 17 | 35   | 29 | 27 | 29 | 34 | 42 | 50 | 55 | 58 | 55 | 48 | 41 | 34 | 29 | 26 | 27 | 32 | 40 | 50 | 58 | 63 | 63 | 58 | 49 | 1032 | 43.0 | U | 7:59  | 58   | 20:30 | 64 | *  | *  | *    | *  | 2: 7  | 27   | 14:21 | 26 | *  | *  | *  | *  |
| 18 | 41   | 34 | 29 | 26 | 28 | 33 | 40 | 47 | 53 | 55 | 54 | 49 | 43 | 38 | 34 | 31 | 32 | 36 | 44 | 52 | 59 | 63 | 62 | 57 | 1040 | 43.3 |   | 9: 6  | 55   | 21:19 | 63 | *  | *  | *    | *  | 3: 9  | 26   | 15:23 | 31 | *  | *  | *  | *  |
| 19 | 49   | 41 | 34 | 29 | 26 | 26 | 31 | 38 | 45 | 51 | 54 | 54 | 51 | 47 | 43 | 39 | 36 | 36 | 40 | 47 | 54 | 60 | 64 | 63 | 1058 | 44.1 |   | 10:29 | 54   | 22:19 | 64 | *  | *  | *    | *  | 4:22  | 25   | 16:32 | 35 | *  | *  | *  | *  |
| 20 | 58   | 51 | 43 | 35 | 28 | 24 | 24 | 28 | 35 | 42 | 49 | 54 | 56 | 55 | 52 | 47 | 43 | 39 | 38 | 42 | 48 | 56 | 61 | 65 | 1073 | 44.7 |   | 12: 9 | 56   | 23:33 | 65 | *  | *  | *    | *  | 5:33  | 23   | 17:42 | 38 | *  | *  | *  | *  |
| 21 | 65   | 61 | 54 | 44 | 35 | 27 | 21 | 21 | 25 | 32 | 41 | 49 | 56 | 60 | 60 | 56 | 51 | 46 | 41 | 40 | 43 | 49 | 56 | 63 | 1096 | 45.7 |   | 13:28 | 61   | *     | *  | *  | *  | 6:39 | 20 | 18:50 | 40   | *     | *  | *  | *  |    |    |
| 22 | 68   | 69 | 65 | 56 | 45 | 34 | 25 | 19 | 17 | 22 | 30 | 40 | 51 | 60 | 65 | 65 | 60 | 53 | 47 | 42 | 40 | 43 | 49 | 57 | 1122 | 46.8 |   | 0:48  | 69   | 14:24 | 66 | *  | *  | *    | *  | 7:41  | 17   | 19:56 | 40 | *  | *  | *  | *  |
| 23 | 65   | 71 | 73 | 68 | 57 | 44 | 32 | 22 | 16 | 15 | 20 | 30 | 42 | 54 | 65 | 70 | 67 | 61 | 53 | 46 | 40 | 38 | 41 | 49 | 1139 | 47.5 |   | 1:50  | 73   | 15:10 | 70 | *  | *  | *    | *  | 8:38  | 14   | 20:57 | 38 | *  | *  | *  | *  |
| 24 | 59   | 68 | 75 | 76 | 69 | 56 | 42 | 29 | 19 | 13 | 13 | 20 | 32 | 46 | 59 | 69 | 73 | 68 | 60 | 51 | 44 | 38 | 35 | 40 | 1154 | 48.1 | F | 2:41  | 77   | 15:52 | 73 | *  | *  | *    | *  | 9:29  | 12   | 21:51 | 35 | *  | *  | *  | *  |
| 25 | 49   | 61 | 71 | 78 | 77 | 68 | 53 | 39 | 27 | 17 | 11 | 13 | 23 | 37 | 51 | 65 | 73 | 73 | 66 | 57 | 48 | 40 | 34 | 33 | 1164 | 48.5 |   | 3:27  | # 78 | 16:31 | 74 | *  | *  | *    | *  | 10:15 | # 11 | 22:39 | 32 | *  | *  | *  | *  |
| 26 | 39   | 50 | 63 | 73 | 78 | 75 | 63 | 48 | 35 | 24 | 15 | 12 | 17 | 29 | 43 | 57 | 69 | 74 | 71 | 62 | 53 | 44 | 35 | 30 | 1159 | 48.3 |   | 4:10  | # 78 | 17: 8 | 74 | *  | *  | *    | *  | 10:57 | 12   | 23:22 | 29 | *  | *  | *  | *  |
| 27 | 31   | 40 | 52 | 64 | 73 | 75 | 70 | 57 | 43 | 31 | 22 | 15 | 15 | 22 | 36 | 50 | 63 | 71 | 73 | 67 | 58 | 48 | 39 | 31 | 1146 | 47.8 |   | 4:52  | 75   | 17:44 | 73 | *  | *  | *    | *  | 11:35 | 14   | *     | *  | *  | *  | *  | *  |
| 28 | 27   | 31 | 41 | 53 | 64 | 71 | 71 | 64 | 51 | 39 | 29 | 21 | 17 | 20 | 30 | 43 | 56 | 66 | 71 | 70 | 62 | 52 | 43 | 35 | 1127 | 47.0 |   | 5:33  | 72   | 18:19 | 72 | *  | *  | *    | *  | 0: 3  | 27   | 12:10 | 17 | *  | *  | *  | *  |
| 29 | 28   | 27 | 32 | 43 | 54 | 63 | 67 | 65 | 57 | 46 | 36 | 28 | 23 | 22 | 27 | 37 | 49 | 60 | 67 | 69 | 65 | 57 | 47 | 39 | 1108 | 46.2 |   | 6:15  | 67   | 18:53 | 69 | *  | *  | *    | *  | 0:43  | 27   | 12:44 | 22 | *  | *  | *  | *  |
| 30 | 32   | 28 | 28 | 35 | 45 | 54 | 60 | 63 | 60 | 52 | 43 | 35 | 30 | 27 | 28 | 34 | 44 | 54 | 62 | 66 | 66 | 60 | 52 | 43 | 1101 | 45.9 |   | 6:58  | 63   | 19:26 | 66 | *  | *  | *    | *  | 1:24  | 27   | 13:18 | 27 | *  | *  | *  | *  |
| 31 | 36   | 31 | 29 | 30 | 37 | 45 | 53 | 58 | 59 | 56 | 49 | 42 | 37 | 33 | 32 | 34 | 40 | 48 | 56 | 62 | 64 | 62 | 56 | 49 | 1098 | 45.8 | L | 7:46  | 59   | 20: 0 | 64 | *  | *  | *    | *  | 2: 9  | 29   | 13:55 | 32 | *  | *  | *  | *  |

| 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 |
| 744      | 33321        | 44.8          | 26日 4時 10分 | 78 | 2  | 25日 10時 15分 | 11 | 1  |

# 推算潮位（毎時・満干潮）

地点名：青森

緯度：40°50' N

経度：140°46' E

潮位表基準面の零点：平均海面下 37.0(cm)

2021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  | 42   | 36 | 32 | 30 | 32 | 38 | 45 | 51 | 55 | 56 | 53 | 48 | 44 | 40 | 38 | 37 | 39 | 44 | 51 | 57 | 61 | 61 | 59 | 54 | 1103 | 46.0 |   | 8:41  | 56   | 20:39 | 61   | *  | *  | *    | *  | 3: 3  | 30   | 14:46 | 37 | *  | *  | *  | *  |
| 2  | 48   | 42 | 37 | 34 | 32 | 33 | 37 | 44 | 50 | 54 | 55 | 53 | 50 | 47 | 45 | 43 | 42 | 43 | 47 | 52 | 57 | 60 | 59 | 57 | 1121 | 46.7 |   | 9:53  | 55   | 21:29 | 60   | *  | *  | *    | *  | 4:10  | 31   | 15:58 | 42 | *  | *  | *  | *  |
| 3  | 53   | 49 | 44 | 39 | 34 | 31 | 32 | 36 | 43 | 48 | 53 | 55 | 55 | 54 | 52 | 49 | 46 | 44 | 45 | 48 | 53 | 57 | 59 | 59 | 1138 | 47.4 |   | 11:40 | 55   | 22:44 | 59   | *  | *  | *    | *  | 5:18  | 31   | 17:15 | 44 | *  | *  | *  | *  |
| 4  | 58   | 55 | 51 | 45 | 38 | 33 | 30 | 30 | 35 | 41 | 48 | 53 | 57 | 59 | 58 | 55 | 51 | 48 | 46 | 46 | 49 | 53 | 57 | 60 | 1156 | 48.2 |   | 13:12 | 59   | *     | *    | *  | *  | 6:20 | 29 | 18:25 | 45   | *     | *  | *  | *  |    |    |
| 5  | 61   | 61 | 58 | 52 | 44 | 36 | 30 | 27 | 28 | 33 | 41 | 49 | 56 | 61 | 63 | 62 | 57 | 52 | 48 | 45 | 45 | 48 | 53 | 58 | 1168 | 48.7 |   | 0:20  | 61   | 14: 4 | 63   | *  | *  | *    | *  | 7:16  | 27   | 19:28 | 45 | *  | *  | *  | *  |
| 6  | 62   | 65 | 64 | 60 | 52 | 42 | 33 | 26 | 23 | 25 | 32 | 41 | 52 | 60 | 66 | 67 | 63 | 57 | 51 | 46 | 44 | 44 | 48 | 54 | 1177 | 49.0 |   | 1:22  | 65   | 14:42 | 67   | *  | *  | *    | *  | 8: 5  | 23   | 20:23 | 43 | *  | *  | *  | *  |
| 7  | 60   | 66 | 69 | 67 | 60 | 49 | 38 | 28 | 22 | 20 | 24 | 33 | 44 | 56 | 66 | 70 | 69 | 63 | 55 | 48 | 43 | 40 | 42 | 47 | 1179 | 49.1 |   | 2: 6  | 69   | 15:14 | 70   | *  | *  | *    | *  | 8:50  | 20   | 21: 9 | 40 | *  | *  | *  | *  |
| 8  | 55   | 64 | 70 | 72 | 67 | 57 | 44 | 32 | 23 | 18 | 18 | 24 | 35 | 49 | 62 | 71 | 72 | 68 | 60 | 51 | 43 | 38 | 37 | 40 | 1170 | 48.8 | N | 2:45  | 72   | 15:45 | 73   | *  | *  | *    | *  | 9:30  | 17   | 21:50 | 37 | *  | *  | *  | *  |
| 9  | 48   | 58 | 68 | 73 | 72 | 64 | 52 | 39 | 27 | 18 | 14 | 17 | 27 | 41 | 56 | 68 | 74 | 72 | 65 | 55 | 45 | 38 | 33 | 33 | 1157 | 48.2 |   | 3:22  | 74   | 16:16 | 74   | *  | *  | *    | *  | 10: 7 | 14   | 22:27 | 32 | *  | *  | *  | *  |
| 10 | 40   | 50 | 61 | 71 | 75 | 71 | 60 | 46 | 33 | 23 | 15 | 14 | 20 | 32 | 48 | 62 | 73 | 75 | 70 | 59 | 49 | 39 | 32 | 28 | 1146 | 47.8 |   | 4: 0  | 75   | 16:48 | 75   | *  | *  | *    | *  | 10:42 | # 13 | 23: 3 | 28 | *  | *  | *  | *  |
| 11 | 31   | 41 | 53 | 64 | 72 | 73 | 67 | 54 | 41 | 29 | 20 | 14 | 16 | 26 | 40 | 55 | 68 | 75 | 74 | 65 | 53 | 42 | 33 | 26 | 1132 | 47.2 |   | 4:40  | 74   | 17:21 | 76   | *  | *  | *    | *  | 11:17 | 14   | 23:39 | 25 | *  | *  | *  | *  |
| 12 | 25   | 32 | 43 | 55 | 66 | 72 | 70 | 61 | 49 | 37 | 26 | 19 | 16 | 21 | 33 | 48 | 61 | 71 | 75 | 70 | 59 | 47 | 36 | 28 | 1120 | 46.7 |   | 5:21  | 72   | 17:55 | 75   | *  | *  | *    | *  | 11:52 | 16   | *     | *  | *  | *  | *  | *  |
| 13 | 23   | 25 | 33 | 45 | 56 | 65 | 69 | 66 | 56 | 45 | 34 | 26 | 21 | 22 | 29 | 41 | 54 | 66 | 73 | 73 | 65 | 53 | 41 | 32 | 1113 | 46.4 |   | 6: 5  | 69   | 18:31 | 74   | *  | *  | *    | *  | 0:16  | 23   | 12:28 | 21 | *  | *  | *  | *  |
| 14 | 25   | 23 | 27 | 36 | 47 | 57 | 64 | 66 | 62 | 52 | 43 | 35 | 29 | 26 | 29 | 37 | 48 | 59 | 68 | 72 | 69 | 60 | 48 | 38 | 1120 | 46.7 |   | 6:52  | 66   | 19: 8 | 72   | *  | *  | *    | *  | 0:55  | 23   | 13: 6 | 26 | *  | *  | *  | *  |
| 15 | 30   | 25 | 24 | 29 | 37 | 47 | 55 | 61 | 62 | 58 | 50 | 43 | 37 | 34 | 33 | 36 | 43 | 53 | 62 | 68 | 70 | 65 | 56 | 46 | 1124 | 46.8 |   | 7:44  | 62   | 19:48 | 70   | *  | *  | *    | *  | 1:39  | 24   | 13:49 | 33 | *  | *  | *  | *  |
| 16 | 37   | 31 | 27 | 26 | 31 | 38 | 46 | 53 | 58 | 59 | 56 | 51 | 46 | 42 | 40 | 39 | 42 | 48 | 56 | 62 | 67 | 67 | 63 | 55 | 1140 | 47.5 | U | 8:46  | 59   | 20:34 | 67   | *  | *  | *    | *  | 2:36  | 26   | 14:46 | 39 | *  | *  | *  | *  |
| 17 | 46   | 39 | 33 | 29 | 28 | 31 | 36 | 43 | 50 | 55 | 57 | 56 | 54 | 51 | 48 | 46 | 44 | 46 | 50 | 56 | 62 | 65 | 65 | 62 | 1152 | 48.0 |   | 10:12 | 57   | 21:36 | 66   | *  | *  | *    | *  | 3:50  | 28   | 16: 5 | 44 | *  | *  | *  | *  |
| 18 | 56   | 49 | 42 | 36 | 31 | 28 | 29 | 34 | 40 | 47 | 53 | 57 | 59 | 58 | 56 | 53 | 50 | 47 | 47 | 50 | 55 | 60 | 63 | 65 | 1165 | 48.5 |   | 12:16 | 59   | 23: 9 | 65   | *  | *  | *    | *  | 5:13  | 28   | 17:32 | 46 | *  | *  | *  | *  |
| 19 | 64   | 60 | 53 | 46 | 38 | 30 | 26 | 26 | 30 | 37 | 45 | 52 | 59 | 63 | 64 | 61 | 57 | 51 | 47 | 46 | 48 | 53 | 58 | 63 | 1177 | 49.0 |   | 13:36 | 64   | *     | *    | *  | *  | 6:29 | 26 | 18:53 | 46   | *     | *  | *  | *  |    |    |
| 20 | 67   | 68 | 64 | 57 | 47 | 37 | 28 | 23 | 23 | 27 | 35 | 44 | 55 | 64 | 69 | 68 | 64 | 57 | 50 | 45 | 42 | 44 | 50 | 57 | 1185 | 49.4 |   | 0:43  | 68   | 14:23 | 69   | *  | *  | *    | *  | 7:35  | 22   | 20: 2 | 42 | *  | *  | *  | *  |
| 21 | 65   | 71 | 72 | 68 | 58 | 46 | 35 | 25 | 19 | 19 | 25 | 35 | 47 | 60 | 69 | 73 | 70 | 63 | 55 | 47 | 40 | 37 | 41 | 48 | 1188 | 49.5 |   | 1:48  | 72   | 15: 2 | 73   | *  | *  | *    | *  | 8:30  | 19   | 20:58 | 37 | *  | *  | *  | *  |
| 22 | 58   | 67 | 74 | 75 | 68 | 56 | 43 | 31 | 22 | 16 | 18 | 26 | 39 | 53 | 66 | 75 | 76 | 70 | 60 | 51 | 41 | 34 | 33 | 38 | 1190 | 49.6 | F | 2:37  | 76   | 15:37 | 76   | *  | *  | *    | *  | 9:17  | 16   | 21:45 | 32 | *  | *  | *  | *  |
| 23 | 48   | 60 | 71 | 77 | 76 | 66 | 52 | 39 | 27 | 18 | 15 | 19 | 31 | 45 | 59 | 72 | 78 | 75 | 66 | 55 | 45 | 35 | 28 | 29 | 1186 | 49.4 |   | 3:21  | # 78 | 16:11 | # 78 | *  | *  | *    | *  | 9:58  | 15   | 22:26 | 28 | *  | *  | *  | *  |
| 24 | 37   | 50 | 63 | 73 | 77 | 73 | 61 | 47 | 34 | 24 | 17 | 16 | 24 | 38 | 53 | 66 | 76 | 78 | 71 | 60 | 48 | 38 | 29 | 24 | 1177 | 49.0 |   | 4: 2  | 77   | 16:43 | # 78 | *  | *  | *    | *  | 10:36 | 15   | 23: 4 | 24 | *  | *  | *  | *  |
| 25 | 28   | 39 | 53 | 65 | 74 | 75 | 68 | 55 | 41 | 31 | 22 | 18 | 21 | 31 | 46 | 60 | 71 | 77 | 75 | 65 | 52 | 41 | 31 | 24 | 1163 | 48.5 |   | 4:40  | 76   | 17:13 | 77   | *  | *  | *    | *  | 11:10 | 18   | 23:40 | 22 | *  | *  | *  | *  |
| 26 | 23   | 30 | 43 | 56 | 67 | 73 | 71 | 61 | 49 | 37 | 29 | 23 | 22 | 28 | 40 | 54 | 66 | 74 | 75 | 69 | 57 | 45 | 35 | 27 | 1154 | 48.1 |   | 5:18  | 73   | 17:41 | 75   | *  | *  | *    | *  | 11:41 | 21   | *     | *  | *  | *  | *  | *  |
| 27 | 22   | 25 | 34 | 47 | 59 | 67 | 69 | 65 | 55 | 44 | 35 | 29 | 26 | 28 | 36 | 49 | 60 | 69 | 73 | 70 | 62 | 50 | 39 | 31 | 1144 | 47.7 |   | 5:55  | 70   | 18: 8 | 73   | *  | *  | *    | *  | 0:14  | 22   | 12:10 | 26 | *  | *  | *  | *  |
| 28 | 25   | 24 | 29 | 39 | 50 | 60 | 65 | 65 | 60 | 51 | 42 | 35 | 32 | 31 | 36 | 44 | 55 | 64 | 69 | 69 | 64 | 55 | 45 | 36 | 1145 | 47.7 |   | 6:33  | 66   | 18:34 | 70   | *  | *  | *    | *  | 0:47  | 24   | 12:37 | 31 | *  | *  | *  | *  |
| 29 | 30   | 27 | 28 | 33 | 42 | 52 | 59 | 63 | 61 | 56 | 48 | 42 | 38 | 36 | 38 | 43 | 50 | 58 | 64 | 67 | 65 | 58 | 50 | 42 | 1150 | 47.9 |   | 7:14  | 63   | 19: 2 | 67   | *  | *  | *    | *  | 1:22  | 27   | 13: 5 | 36 | *  | *  | *  | *  |
| 30 | 36   | 32 | 30 | 32 | 37 | 44 | 52 | 58 | 60 | 58 | 53 | 48 | 44 | 42 | 42 | 44 | 48 | 54 | 59 | 63 | 63 | 60 | 54 | 48 | 1161 | 48.4 | L | 8: 2  | 60   | 19:35 | 64   | *  | *  | *    | *  | 2: 4  | 30   | 13:41 | 42 | *  | *  | *  | *  |
| 31 | 42   | 38 | 35 | 33 | 34 | 38 | 44 | 51 | 55 | 57 | 56 | 53 | 51 | 49 | 47 | 47 | 48 | 51 | 55 | 59 | 61 | 60 | 57 | 53 | 1174 | 48.9 |   | 9: 7  | 57   | 20:18 | 61   | *  | *  | *    | *  | 3: 7  | 33   | 14:50 | 47 | *  | *  | *  | *  |

| 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 |
| 744      | 35775        | 48.1          | 24日 16時 43分 | 78 | 3  | 10日 10時 42分 | 13 | 1  |



# 推算潮位 (毎時・満干潮)

地点名: 青森

緯度: 40 °50 N

経度: 140 °46 E

潮位表基準面の零点: 平均海面下 37.0(cm)

2021 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  | 48   | 44 | 40 | 37 | 35 | 35 | 38 | 43 | 48 | 53 | 56 | 56 | 55 | 53 | 52 | 50 | 50 | 51 | 54 | 57 | 58 | 58 | 56 | 1183 | 49.3 |      | 11:1 | 56    | 21:25 | 58    | *   | *  | *  | *    | 4:31 | 35    | 16:41 | 50    | *  | *  | *  | *  |    |
| 2  | 54   | 51 | 47 | 42 | 38 | 34 | 33 | 35 | 40 | 46 | 52 | 56 | 59 | 60 | 59 | 57 | 54 | 51 | 49 | 50 | 52 | 54 | 57 | 58   | 1188 | 49.5 |      | 13:5  | 60    | 23:40 | 58  | *  | *  | *    | *    | 5:48  | 33    | 18:18 | 49 | *  | *  | *  | *  |
| 3  | 58   | 57 | 54 | 49 | 42 | 35 | 31 | 29 | 32 | 38 | 45 | 53 | 59 | 63 | 64 | 62 | 58 | 53 | 49 | 47 | 47 | 49 | 53 | 57   | 1184 | 49.3 |      | 13:51 | 64    | *     | *   | *  | *  | 6:51 | 29   | 19:29 | 46    | *     | *  | *  | *  |    |    |
| 4  | 61   | 62 | 61 | 56 | 48 | 39 | 31 | 26 | 25 | 29 | 36 | 46 | 56 | 64 | 68 | 67 | 63 | 56 | 50 | 45 | 42 | 43 | 47 | 53   | 1174 | 48.9 |      | 1:5   | 62    | 14:23 | 68  | *  | *  | *    | *    | 7:42  | 25    | 20:18 | 42 | *  | *  | *  | *  |
| 5  | 59   | 65 | 66 | 63 | 55 | 45 | 34 | 26 | 21 | 21 | 27 | 38 | 50 | 62 | 69 | 72 | 68 | 60 | 52 | 44 | 38 | 36 | 39 | 46   | 1156 | 48.2 |      | 1:53  | 66    | 14:51 | 72  | *  | *  | *    | *    | 8:26  | 20    | 20:58 | 36 | *  | *  | *  | *  |
| 6  | 55   | 63 | 69 | 70 | 63 | 53 | 40 | 29 | 20 | 17 | 20 | 29 | 42 | 56 | 68 | 74 | 73 | 66 | 55 | 45 | 37 | 31 | 31 | 37   | 1143 | 47.6 |      | 2:33  | 70    | 15:19 | 75  | *  | *  | *    | *    | 9:5   | 17    | 21:33 | 30 | *  | *  | *  | *  |
| 7  | 46   | 58 | 68 | 73 | 70 | 61 | 48 | 35 | 24 | 16 | 15 | 21 | 33 | 49 | 64 | 74 | 77 | 71 | 60 | 48 | 37 | 29 | 25 | 27   | 1129 | 47.0 | N    | 3:11  | 73    | 15:48 | 77  | *  | *  | *    | *    | 9:42  | 15    | 22:7  | 25 | *  | *  | *  | *  |
| 8  | 36   | 49 | 62 | 72 | 75 | 69 | 57 | 43 | 30 | 20 | 14 | 16 | 26 | 41 | 57 | 71 | 78 | 76 | 66 | 53 | 40 | 29 | 21 | 20   | 1121 | 46.7 |      | 3:50  | 75    | 16:19 | #79 | *  | *  | *    | *    | 10:18 | #14   | 22:42 | 20 | *  | *  | *  | *  |
| 9  | 26   | 39 | 53 | 66 | 74 | 74 | 65 | 52 | 38 | 27 | 19 | 16 | 21 | 34 | 50 | 65 | 76 | 79 | 73 | 59 | 45 | 32 | 22 | 17   | 1122 | 46.8 |      | 4:30  | 75    | 16:50 | #79 | *  | *  | *    | *    | 10:53 | 16    | 23:17 | 16 | *  | *  | *  | *  |
| 10 | 19   | 29 | 43 | 57 | 68 | 74 | 71 | 60 | 47 | 35 | 26 | 20 | 21 | 29 | 43 | 58 | 71 | 78 | 77 | 67 | 52 | 38 | 26 | 18   | 1127 | 47.0 |      | 5:10  | 74    | 17:22 | #79 | *  | *  | *    | *    | 11:28 | 19    | 23:52 | 15 | *  | *  | *  | *  |
| 11 | 15   | 21 | 33 | 47 | 59 | 68 | 71 | 66 | 55 | 44 | 35 | 28 | 25 | 28 | 38 | 52 | 65 | 74 | 77 | 72 | 60 | 45 | 32 | 23   | 1133 | 47.2 |      | 5:52  | 71    | 17:56 | 77  | *  | *  | *    | *    | 12:4  | 25    | *     | *  | *  | *  |    |    |
| 12 | 18   | 18 | 25 | 37 | 49 | 60 | 66 | 67 | 61 | 52 | 43 | 36 | 32 | 31 | 36 | 47 | 58 | 68 | 73 | 73 | 66 | 53 | 41 | 31   | 1141 | 47.5 |      | 6:38  | 68    | 18:31 | 74  | *  | *  | *    | *    | 0:30  | 17    | 12:41 | 31 | *  | *  | *  | *  |
| 13 | 24   | 20 | 22 | 29 | 40 | 50 | 58 | 63 | 63 | 57 | 50 | 44 | 40 | 38 | 39 | 44 | 52 | 61 | 67 | 71 | 69 | 61 | 50 | 40   | 1152 | 48.0 |      | 7:28  | 64    | 19:9  | 71  | *  | *  | *    | *    | 1:13  | 20    | 13:24 | 38 | *  | *  | *  | *  |
| 14 | 32   | 27 | 25 | 27 | 32 | 41 | 48 | 55 | 59 | 59 | 56 | 51 | 48 | 46 | 44 | 45 | 48 | 54 | 60 | 65 | 66 | 64 | 58 | 49   | 1159 | 48.3 | U    | 8:32  | 59    | 19:56 | 66  | *  | *  | *    | *    | 2:8   | 25    | 14:25 | 44 | *  | *  | *  | *  |
| 15 | 42   | 36 | 32 | 29 | 29 | 33 | 39 | 45 | 51 | 55 | 57 | 56 | 55 | 53 | 51 | 49 | 48 | 49 | 53 | 57 | 61 | 62 | 61 | 57   | 1160 | 48.3 |      | 10:9  | 57    | 21:6  | 62  | *  | *  | *    | *    | 3:25  | 29    | 15:58 | 48 | *  | *  | *  | *  |
| 16 | 52   | 46 | 41 | 36 | 31 | 30 | 31 | 36 | 41 | 48 | 53 | 58 | 60 | 60 | 58 | 55 | 51 | 48 | 47 | 49 | 53 | 56 | 59 | 61   | 1160 | 48.3 |      | 12:37 | 60    | 23:7  | 61  | *  | *  | *    | *    | 5:0   | 30    | 17:43 | 47 | *  | *  | *  | *  |
| 17 | 60   | 56 | 51 | 45 | 37 | 31 | 27 | 28 | 32 | 39 | 46 | 54 | 61 | 65 | 65 | 62 | 57 | 50 | 45 | 43 | 44 | 48 | 53 | 59   | 1158 | 48.3 |      | 13:32 | 65    | *     | *   | *  | *  | 6:22 | 27   | 19:4  | 43    | *     | *  | *  | *  |    |    |
| 18 | 63   | 64 | 61 | 54 | 45 | 36 | 28 | 24 | 24 | 29 | 38 | 48 | 58 | 66 | 70 | 68 | 62 | 54 | 46 | 39 | 37 | 39 | 45 | 52   | 1150 | 47.9 |      | 0:47  | 64    | 14:8  | 70  | *  | *  | *    | *    | 7:24  | 23    | 20:2  | 37 | *  | *  | *  | *  |
| 19 | 60   | 67 | 68 | 63 | 54 | 44 | 33 | 24 | 20 | 22 | 29 | 40 | 52 | 64 | 72 | 73 | 68 | 59 | 49 | 40 | 32 | 30 | 35 | 43   | 1141 | 47.5 |      | 1:46  | 68    | 14:41 | 74  | *  | *  | *    | *    | 8:13  | 20    | 20:47 | 30 | *  | *  | *  | *  |
| 20 | 54   | 64 | 71 | 71 | 63 | 52 | 40 | 29 | 21 | 18 | 22 | 32 | 45 | 58 | 70 | 76 | 73 | 65 | 53 | 42 | 32 | 25 | 26 | 33   | 1135 | 47.3 |      | 2:31  | 72    | 15:12 | 76  | *  | *  | *    | *    | 8:56  | 18    | 21:27 | 24 | *  | *  | *  | *  |
| 21 | 45   | 57 | 68 | 73 | 71 | 60 | 47 | 35 | 25 | 18 | 18 | 26 | 38 | 52 | 66 | 75 | 77 | 70 | 58 | 46 | 34 | 24 | 20 | 24   | 1127 | 47.0 | F    | 3:11  | 74    | 15:42 | 77  | *  | *  | *    | *    | 9:34  | 17    | 22:4  | 20 | *  | *  | *  | *  |
| 22 | 35   | 49 | 62 | 71 | 74 | 68 | 55 | 42 | 31 | 23 | 18 | 21 | 32 | 47 | 61 | 72 | 77 | 74 | 64 | 50 | 37 | 27 | 19 | 18   | 1127 | 47.0 |      | 3:48  | 74    | 16:11 | 78  | *  | *  | *    | *    | 10:9  | 18    | 22:38 | 17 | *  | *  | *  | *  |
| 23 | 25   | 39 | 54 | 66 | 73 | 72 | 62 | 49 | 38 | 29 | 22 | 21 | 28 | 41 | 55 | 67 | 75 | 76 | 68 | 55 | 41 | 30 | 21 | 16   | 1123 | 46.8 |      | 4:24  | 73    | 16:37 | 77  | *  | *  | *    | *    | 10:41 | 21    | 23:10 | 16 | *  | *  | *  | *  |
| 24 | 19   | 30 | 45 | 58 | 68 | 72 | 67 | 57 | 44 | 35 | 28 | 25 | 27 | 37 | 50 | 63 | 72 | 75 | 71 | 61 | 47 | 34 | 25 | 19   | 1129 | 47.0 |      | 4:59  | 72    | 17:1  | 75  | *  | *  | *    | *    | 11:10 | 25    | 23:40 | 17 | *  | *  | *  | *  |
| 25 | 17   | 24 | 36 | 50 | 62 | 68 | 69 | 62 | 51 | 41 | 34 | 30 | 29 | 35 | 45 | 58 | 67 | 72 | 72 | 64 | 52 | 40 | 30 | 23   | 1131 | 47.1 |      | 5:32  | 69    | 17:23 | 73  | *  | *  | *    | *    | 11:36 | 29    | *     | *  | *  | *  |    |    |
| 26 | 20   | 22 | 30 | 43 | 55 | 63 | 67 | 64 | 57 | 47 | 40 | 35 | 34 | 36 | 43 | 53 | 62 | 68 | 70 | 66 | 57 | 45 | 35 | 28   | 1140 | 47.5 |      | 6:6   | 67    | 17:46 | 70  | *  | *  | *    | *    | 0:9   | 20    | 11:59 | 34 | *  | *  | *  | *  |
| 27 | 24   | 24 | 28 | 36 | 47 | 56 | 62 | 63 | 60 | 53 | 46 | 41 | 38 | 39 | 42 | 49 | 57 | 64 | 67 | 65 | 59 | 50 | 41 | 34   | 1145 | 47.7 |      | 6:43  | 64    | 18:12 | 67  | *  | *  | *    | *    | 0:37  | 23    | 12:22 | 38 | *  | *  | *  | *  |
| 28 | 29   | 27 | 29 | 33 | 41 | 49 | 56 | 60 | 60 | 56 | 51 | 46 | 44 | 43 | 44 | 48 | 53 | 58 | 62 | 63 | 60 | 54 | 46 | 40   | 1152 | 48.0 |      | 7:27  | 60    | 18:43 | 63  | *  | *  | *    | *    | 1:10  | 27    | 12:50 | 43 | *  | *  | *  | *  |
| 29 | 35   | 32 | 31 | 33 | 36 | 42 | 48 | 54 | 57 | 56 | 54 | 51 | 49 | 48 | 48 | 48 | 51 | 54 | 57 | 59 | 58 | 55 | 51 | 45   | 1152 | 48.0 | L    | 8:26  | 57    | 19:22 | 59  | *  | *  | *    | *    | 2:0   | 31    | 13:42 | 47 | *  | *  | *  | *  |
| 30 | 41   | 38 | 36 | 34 | 34 | 36 | 40 | 46 | 51 | 54 | 55 | 54 | 54 | 53 | 52 | 50 | 50 | 50 | 52 | 54 | 55 | 55 | 53 | 50   | 1147 | 47.8 |      | 10:5  | 55    | 20:26 | 55  | *  | *  | *    | *    | 3:30  | 34    | 16:5  | 50 | *  | *  | *  | *  |

| 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 |
| 720 | 34389 | 47.8 | 10日 17時 22分 | 79 | 3  | 8日 10時 18分 | 14 | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 青森

緯度: 40 °50 N

経度: 140 °46 E

潮位表基準面の零点: 平均海面下 37.0(cm)

2021 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  |   |   |   |   |
| 1  | 47   | 44 | 41 | 37 | 34 | 33 | 34 | 37 | 43 | 48 | 53 | 56 | 57 | 57 | 56 | 54 | 51 | 48 | 47 | 48 | 49 | 51 | 53 | 53 | 1131 | 47.1 |   | 12:35 | 57 | 22:50 | 53   | *  | *  | *    | *  | 5: 9  | 33 | 18:14 | 47  | * | * | * | * |
| 2  | 52   | 50 | 47 | 42 | 36 | 31 | 29 | 29 | 34 | 40 | 48 | 54 | 59 | 61 | 61 | 58 | 53 | 48 | 44 | 42 | 43 | 45 | 49 | 53 | 1108 | 46.2 |   | 13:19 | 61 | *     | *    | *  | *  | 6:19 | 29 | 19:16 | 42 | *     | *   | * | * |   |   |
| 3  | 56   | 56 | 54 | 49 | 41 | 33 | 27 | 24 | 25 | 31 | 40 | 50 | 59 | 64 | 65 | 62 | 56 | 49 | 42 | 37 | 35 | 37 | 43 | 50 | 1085 | 45.2 |   | 0:43  | 57 | 13:48 | 65   | *  | *  | *    | *  | 7:10  | 24 | 19:56 | 35  | * | * | * | * |
| 4  | 56   | 61 | 61 | 56 | 48 | 38 | 28 | 22 | 19 | 23 | 31 | 43 | 55 | 65 | 69 | 68 | 61 | 52 | 42 | 34 | 29 | 29 | 34 | 42 | 1066 | 44.4 |   | 1:34  | 61 | 14:16 | 69   | *  | *  | *    | *  | 7:54  | 19 | 20:30 | 28  | * | * | * | * |
| 5  | 52   | 61 | 66 | 64 | 57 | 45 | 34 | 24 | 17 | 17 | 23 | 35 | 49 | 62 | 71 | 73 | 67 | 56 | 44 | 33 | 25 | 21 | 24 | 33 | 1053 | 43.9 |   | 2:16  | 66 | 14:44 | 73   | *  | *  | *    | *  | 8:33  | 16 | 21: 4 | 21  | * | * | * | * |
| 6  | 45   | 57 | 67 | 70 | 66 | 55 | 42 | 29 | 20 | 15 | 18 | 27 | 42 | 57 | 70 | 76 | 74 | 63 | 49 | 35 | 24 | 16 | 15 | 22 | 1054 | 43.9 | N | 2:56  | 70 | 15:14 | 76   | *  | *  | *    | *  | 9:11  | 15 | 21:39 | 15  | * | * | * | * |
| 7  | 34   | 49 | 62 | 71 | 72 | 64 | 51 | 38 | 26 | 18 | 16 | 22 | 35 | 50 | 65 | 76 | 78 | 71 | 56 | 40 | 27 | 16 | 10 | 13 | 1060 | 44.2 |   | 3:35  | 73 | 15:45 | 79   | *  | *  | *    | *  | 9:49  | 16 | 22:14 | 10  | * | * | * | * |
| 8  | 23   | 39 | 54 | 67 | 74 | 71 | 60 | 47 | 35 | 25 | 19 | 20 | 29 | 44 | 59 | 72 | 79 | 77 | 65 | 48 | 32 | 20 | 11 | 8  | 1078 | 44.9 |   | 4:15  | 74 | 16:17 | # 80 | *  | *  | *    | *  | 10:26 | 18 | 22:50 | # 8 | * | * | * | * |
| 9  | 14   | 28 | 44 | 58 | 69 | 73 | 68 | 56 | 43 | 34 | 26 | 22 | 26 | 38 | 53 | 66 | 76 | 79 | 73 | 58 | 41 | 27 | 16 | 9  | 1097 | 45.7 |   | 4:55  | 73 | 16:50 | 79   | *  | *  | *    | *  | 11: 3 | 22 | 23:28 | 9   | * | * | * | * |
| 10 | 10   | 19 | 33 | 48 | 61 | 69 | 70 | 63 | 52 | 42 | 34 | 29 | 28 | 34 | 46 | 60 | 70 | 77 | 76 | 66 | 50 | 35 | 24 | 16 | 1112 | 46.3 |   | 5:37  | 71 | 17:24 | 77   | *  | *  | *    | *  | 11:40 | 28 | *     | *   | * | * | * | * |
| 11 | 12   | 15 | 25 | 38 | 51 | 60 | 66 | 65 | 58 | 49 | 42 | 37 | 34 | 35 | 42 | 53 | 63 | 70 | 73 | 70 | 59 | 45 | 33 | 24 | 1119 | 46.6 |   | 6:22  | 67 | 18: 0 | 73   | *  | *  | *    | *  | 0: 8  | 12 | 12:20 | 33  | * | * | * | * |
| 12 | 19   | 17 | 21 | 30 | 41 | 51 | 58 | 62 | 60 | 55 | 48 | 44 | 41 | 39 | 41 | 47 | 55 | 63 | 67 | 68 | 63 | 54 | 43 | 34 | 1121 | 46.7 |   | 7:13  | 62 | 18:41 | 68   | *  | *  | *    | *  | 0:52  | 17 | 13: 8 | 39  | * | * | * | * |
| 13 | 28   | 24 | 23 | 26 | 33 | 41 | 48 | 54 | 58 | 57 | 53 | 50 | 48 | 46 | 44 | 45 | 49 | 54 | 59 | 62 | 62 | 58 | 51 | 44 | 1117 | 46.5 | U | 8:19  | 58 | 19:32 | 62   | *  | *  | *    | *  | 1:48  | 22 | 14:16 | 44  | * | * | * | * |
| 14 | 38   | 33 | 29 | 27 | 29 | 33 | 39 | 45 | 51 | 54 | 56 | 55 | 54 | 52 | 49 | 46 | 45 | 47 | 50 | 53 | 56 | 57 | 55 | 51 | 1104 | 46.0 |   | 9:59  | 56 | 20:56 | 57   | *  | *  | *    | *  | 3: 5  | 27 | 15:57 | 45  | * | * | * | * |
| 15 | 47   | 42 | 38 | 33 | 29 | 29 | 31 | 36 | 42 | 48 | 54 | 57 | 58 | 58 | 55 | 51 | 46 | 42 | 42 | 44 | 47 | 51 | 54 | 55 | 1089 | 45.4 |   | 12: 9 | 58 | 23: 7 | 55   | *  | *  | *    | *  | 4:41  | 28 | 17:42 | 42  | * | * | * | * |
| 16 | 54   | 51 | 46 | 40 | 34 | 28 | 26 | 28 | 33 | 40 | 48 | 55 | 60 | 62 | 61 | 56 | 49 | 42 | 37 | 35 | 37 | 42 | 48 | 53 | 1065 | 44.4 |   | 13: 2 | 62 | *     | *    | *  | *  | 6: 1 | 26 | 18:53 | 35 | *     | *   | * | * |   |   |
| 17 | 57   | 58 | 55 | 48 | 41 | 32 | 26 | 23 | 26 | 32 | 41 | 50 | 59 | 65 | 66 | 62 | 54 | 45 | 36 | 30 | 29 | 32 | 39 | 48 | 1054 | 43.9 |   | 0:40  | 58 | 13:38 | 66   | *  | *  | *    | *  | 7: 0  | 23 | 19:42 | 28  | * | * | * | * |
| 18 | 56   | 61 | 62 | 56 | 48 | 38 | 29 | 23 | 21 | 25 | 34 | 44 | 55 | 65 | 69 | 67 | 59 | 49 | 38 | 28 | 23 | 23 | 30 | 40 | 1043 | 43.5 |   | 1:34  | 62 | 14:10 | 69   | *  | *  | *    | *  | 7:46  | 21 | 20:23 | 22  | * | * | * | * |
| 19 | 50   | 60 | 65 | 64 | 56 | 45 | 35 | 26 | 20 | 21 | 27 | 38 | 50 | 62 | 70 | 71 | 65 | 54 | 41 | 30 | 21 | 17 | 21 | 31 | 1040 | 43.3 |   | 2:17  | 65 | 14:41 | 71   | *  | *  | *    | *  | 8:27  | 19 | 21: 0 | 17  | * | * | * | * |
| 20 | 43   | 55 | 65 | 68 | 63 | 53 | 41 | 31 | 23 | 20 | 23 | 32 | 45 | 57 | 68 | 73 | 70 | 59 | 46 | 33 | 22 | 15 | 14 | 22 | 1041 | 43.4 | F | 2:55  | 68 | 15:10 | 73   | *  | *  | *    | *  | 9: 4  | 20 | 21:35 | 13  | * | * | * | * |
| 21 | 34   | 48 | 60 | 68 | 68 | 60 | 48 | 37 | 28 | 22 | 22 | 28 | 40 | 53 | 64 | 72 | 73 | 65 | 52 | 37 | 25 | 16 | 12 | 15 | 1047 | 43.6 |   | 3:31  | 69 | 15:37 | 73   | *  | *  | *    | *  | 9:39  | 21 | 22: 8 | 11  | * | * | * | * |
| 22 | 26   | 40 | 54 | 65 | 70 | 66 | 56 | 44 | 34 | 27 | 24 | 26 | 35 | 48 | 61 | 70 | 73 | 69 | 58 | 43 | 30 | 20 | 13 | 12 | 1064 | 44.3 |   | 4: 5  | 70 | 16: 1 | 73   | *  | *  | *    | *  | 10:10 | 24 | 22:39 | 11  | * | * | * | * |
| 23 | 19   | 32 | 47 | 60 | 68 | 69 | 62 | 51 | 40 | 32 | 28 | 27 | 33 | 44 | 56 | 66 | 72 | 71 | 63 | 50 | 35 | 24 | 16 | 13 | 1078 | 44.9 |   | 4:37  | 69 | 16:24 | 72   | *  | *  | *    | *  | 10:39 | 27 | 23: 8 | 13  | * | * | * | * |
| 24 | 16   | 25 | 39 | 53 | 63 | 68 | 65 | 57 | 46 | 38 | 32 | 30 | 32 | 40 | 51 | 62 | 69 | 71 | 66 | 55 | 42 | 30 | 21 | 16 | 1087 | 45.3 |   | 5: 9  | 68 | 16:47 | 71   | *  | *  | *    | *  | 11: 4 | 30 | 23:35 | 16  | * | * | * | * |
| 25 | 16   | 22 | 33 | 46 | 57 | 64 | 65 | 60 | 51 | 43 | 37 | 34 | 34 | 38 | 47 | 57 | 65 | 68 | 67 | 59 | 48 | 36 | 27 | 21 | 1095 | 45.6 |   | 5:41  | 65 | 17:11 | 69   | *  | *  | *    | *  | 11:28 | 34 | *     | *   | * | * | * | * |
| 26 | 19   | 21 | 28 | 39 | 50 | 58 | 62 | 61 | 55 | 48 | 42 | 38 | 37 | 39 | 44 | 52 | 59 | 64 | 65 | 60 | 52 | 42 | 33 | 26 | 1094 | 45.6 |   | 6:16  | 62 | 17:38 | 65   | *  | *  | *    | *  | 0: 2  | 19 | 11:53 | 37  | * | * | * | * |
| 27 | 23   | 23 | 27 | 34 | 42 | 51 | 57 | 59 | 57 | 51 | 46 | 42 | 40 | 40 | 43 | 48 | 54 | 58 | 61 | 59 | 54 | 46 | 38 | 32 | 1085 | 45.2 |   | 6:57  | 59 | 18:10 | 61   | *  | *  | *    | *  | 0:32  | 23 | 12:24 | 40  | * | * | * | * |
| 28 | 28   | 26 | 27 | 30 | 36 | 43 | 49 | 54 | 55 | 53 | 50 | 46 | 44 | 43 | 44 | 46 | 49 | 52 | 55 | 56 | 54 | 49 | 43 | 38 | 1070 | 44.6 |   | 7:51  | 55 | 18:50 | 56   | *  | *  | *    | *  | 1:14  | 26 | 13:12 | 43  | * | * | * | * |
| 29 | 33   | 31 | 29 | 29 | 31 | 35 | 41 | 47 | 51 | 53 | 52 | 50 | 48 | 47 | 45 | 45 | 45 | 47 | 48 | 50 | 51 | 50 | 47 | 43 | 1048 | 43.7 | L | 9: 8  | 53 | 19:56 | 51   | *  | *  | *    | *  | 2:26  | 29 | 15: 5 | 45  | * | * | * | * |
| 30 | 39   | 36 | 33 | 30 | 29 | 30 | 33 | 38 | 44 | 49 | 52 | 53 | 52 | 51 | 48 | 46 | 43 | 42 | 42 | 43 | 45 | 47 | 48 | 47 | 1020 | 42.5 |   | 10:56 | 53 | 21:59 | 48   | *  | *  | *    | *  | 4:11  | 29 | 17:27 | 41  | * | * | * | * |
| 31 | 45   | 42 | 38 | 34 | 29 | 26 | 26 | 29 | 36 | 43 | 50 | 54 | 56 | 55 | 52 | 48 | 43 | 38 | 35 | 35 | 38 | 42 | 46 | 49 | 989  | 41.2 |   | 12:12 | 56 | *     | *    | *  | *  | 5:32 | 26 | 18:33 | 35 | *     | *   | * | * |   |   |

| 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 | 33314 | 44.8 | 8日 16時 17分 | 80 | 1  | 8日 22時 50分 | 8  | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 青森

緯度: 40 °50 N

経度: 140 °46 E

潮位表基準面の零点: 平均海面下 37.0(cm)

2021 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 | 時刻 | 潮位 |
| 1  | 51   | 50 | 46 | 40 | 33 | 26 | 22 | 23 | 27 | 35 | 44 | 53 | 58 | 60 | 58 | 52 | 45 | 37 | 31 | 28 | 29 | 33 | 40 | 48 | 969  | 40.4 |   | 0: 2  | 51 | 12:55 | 60   | *  | *  | *    | *  | 6:28  | 22 | 19:15 | 28  | *  | *  | *  | *  |
| 2  | 53   | 56 | 54 | 48 | 40 | 30 | 23 | 19 | 20 | 27 | 37 | 48 | 58 | 64 | 64 | 58 | 49 | 38 | 29 | 22 | 20 | 24 | 31 | 41 | 953  | 39.7 |   | 1: 6  | 56 | 13:31 | 64   | *  | *  | *    | *  | 7:15  | 19 | 19:52 | 20  | *  | *  | *  | *  |
| 3  | 51   | 59 | 61 | 57 | 49 | 38 | 28 | 20 | 17 | 21 | 30 | 42 | 55 | 65 | 69 | 66 | 56 | 43 | 30 | 20 | 14 | 14 | 21 | 32 | 958  | 39.9 |   | 1:53  | 61 | 14: 5 | 69   | *  | *  | *    | *  | 7:57  | 17 | 20:29 | 13  | *  | *  | *  | *  |
| 4  | 45   | 57 | 65 | 65 | 59 | 47 | 35 | 25 | 18 | 17 | 24 | 36 | 50 | 62 | 71 | 72 | 65 | 51 | 35 | 22 | 12 | 7  | 10 | 21 | 971  | 40.5 |   | 2:36  | 66 | 14:39 | 73   | *  | *  | *    | *  | 8:38  | 17 | 21: 8 | 7   | *  | *  | *  | *  |
| 5  | 35   | 50 | 62 | 69 | 67 | 57 | 45 | 33 | 24 | 19 | 20 | 29 | 43 | 58 | 70 | 76 | 73 | 61 | 44 | 28 | 15 | 6  | 4  | 10 | 998  | 41.6 | N | 3:17  | 69 | 15:13 | 76   | *  | *  | *    | *  | 9:19  | 18 | 21:47 | 4   | *  | *  | *  | *  |
| 6  | 24   | 40 | 55 | 66 | 71 | 66 | 54 | 42 | 32 | 24 | 21 | 25 | 37 | 51 | 65 | 75 | 78 | 70 | 55 | 37 | 22 | 10 | 3  | 4  | 1027 | 42.8 |   | 3:58  | 71 | 15:48 | # 78 | *  | *  | *    | *  | 9:59  | 21 | 22:27 | # 3 | *  | *  | *  | *  |
| 7  | 13   | 28 | 44 | 59 | 68 | 70 | 62 | 51 | 40 | 32 | 26 | 25 | 31 | 44 | 58 | 70 | 77 | 76 | 65 | 48 | 31 | 18 | 9  | 4  | 1049 | 43.7 |   | 4:40  | 70 | 16:24 | # 78 | *  | *  | *    | *  | 10:40 | 24 | 23: 8 | 4   | *  | *  | *  | *  |
| 8  | 7    | 19 | 34 | 48 | 60 | 67 | 66 | 58 | 47 | 39 | 33 | 29 | 30 | 38 | 50 | 63 | 71 | 75 | 71 | 58 | 42 | 28 | 17 | 10 | 1060 | 44.2 |   | 5:23  | 68 | 17: 2 | 75   | *  | *  | *    | *  | 11:23 | 28 | 23:51 | 8   | *  | *  | *  | *  |
| 9  | 8    | 13 | 25 | 38 | 50 | 60 | 64 | 61 | 54 | 45 | 39 | 35 | 32 | 34 | 43 | 54 | 63 | 69 | 70 | 64 | 52 | 38 | 27 | 19 | 1057 | 44.0 |   | 6: 8  | 64 | 17:41 | 71   | *  | *  | *    | *  | 12: 8 | 32 | *     | *   | *  | *  | *  | *  |
| 10 | 14   | 13 | 19 | 29 | 40 | 50 | 57 | 60 | 57 | 51 | 45 | 41 | 37 | 35 | 38 | 45 | 53 | 60 | 64 | 64 | 58 | 47 | 37 | 29 | 1043 | 43.5 |   | 6:59  | 60 | 18:27 | 64   | *  | *  | *    | *  | 0:38  | 13 | 13: 1 | 35  | *  | *  | *  | *  |
| 11 | 23   | 19 | 19 | 24 | 32 | 41 | 48 | 54 | 56 | 54 | 50 | 46 | 43 | 40 | 38 | 39 | 44 | 50 | 55 | 57 | 57 | 52 | 45 | 38 | 1024 | 42.7 | U | 8: 1  | 56 | 19:24 | 58   | *  | *  | *    | *  | 1:32  | 19 | 14: 8 | 38  | *  | *  | *  | *  |
| 12 | 32   | 28 | 24 | 23 | 27 | 32 | 39 | 45 | 51 | 53 | 53 | 51 | 48 | 45 | 41 | 38 | 38 | 40 | 44 | 48 | 51 | 52 | 49 | 45 | 997  | 41.5 |   | 9:20  | 54 | 20:46 | 52   | *  | *  | *    | *  | 2:41  | 23 | 15:37 | 37  | *  | *  | *  | *  |
| 13 | 40   | 36 | 31 | 27 | 25 | 27 | 31 | 37 | 43 | 49 | 53 | 54 | 53 | 50 | 46 | 41 | 36 | 34 | 35 | 38 | 42 | 46 | 49 | 49 | 972  | 40.5 |   | 10:54 | 54 | 22:38 | 49   | *  | *  | *    | *  | 4: 5  | 25 | 17:10 | 33  | *  | *  | *  | *  |
| 14 | 47   | 44 | 39 | 34 | 28 | 25 | 26 | 30 | 36 | 43 | 49 | 54 | 56 | 55 | 51 | 45 | 38 | 31 | 28 | 29 | 33 | 38 | 44 | 49 | 952  | 39.7 |   | 12: 6 | 56 | *     | *    | *  | *  | 5:22 | 25 | 18:18 | 28 | *     | *   | *  | *  |    |    |
| 15 | 51   | 50 | 46 | 41 | 34 | 27 | 24 | 24 | 29 | 36 | 44 | 52 | 57 | 59 | 56 | 50 | 42 | 33 | 25 | 22 | 23 | 29 | 37 | 45 | 936  | 39.0 |   | 0:13  | 51 | 12:54 | 59   | *  | *  | *    | *  | 6:22  | 23 | 19: 8 | 22  | *  | *  | *  | *  |
| 16 | 52   | 55 | 53 | 48 | 40 | 32 | 26 | 22 | 24 | 30 | 39 | 48 | 55 | 61 | 61 | 56 | 47 | 36 | 26 | 19 | 17 | 21 | 29 | 39 | 936  | 39.0 |   | 1:13  | 55 | 13:33 | 61   | *  | *  | *    | *  | 7:11  | 22 | 19:50 | 16  | *  | *  | *  | *  |
| 17 | 48   | 56 | 59 | 55 | 48 | 39 | 30 | 24 | 22 | 25 | 33 | 43 | 52 | 60 | 64 | 61 | 53 | 41 | 29 | 19 | 13 | 13 | 20 | 31 | 938  | 39.1 |   | 1:58  | 59 | 14: 6 | 64   | *  | *  | *    | *  | 7:54  | 22 | 20:29 | 12  | *  | *  | *  | *  |
| 18 | 43   | 53 | 60 | 61 | 55 | 46 | 36 | 28 | 23 | 23 | 29 | 38 | 49 | 58 | 65 | 65 | 59 | 47 | 34 | 22 | 14 | 10 | 13 | 23 | 954  | 39.8 |   | 2:37  | 62 | 14:37 | 66   | *  | *  | *    | *  | 8:33  | 22 | 21: 5 | 10  | *  | *  | *  | *  |
| 19 | 36   | 49 | 59 | 64 | 62 | 53 | 43 | 34 | 27 | 24 | 26 | 34 | 45 | 56 | 64 | 68 | 64 | 54 | 40 | 27 | 17 | 10 | 9  | 15 | 980  | 40.8 | F | 3:12  | 64 | 15: 5 | 68   | *  | *  | *    | *  | 9:10  | 24 | 21:39 | 8   | *  | *  | *  | *  |
| 20 | 28   | 42 | 55 | 63 | 65 | 60 | 49 | 39 | 32 | 27 | 26 | 30 | 40 | 52 | 62 | 68 | 68 | 60 | 47 | 33 | 21 | 13 | 9  | 11 | 1000 | 41.7 |   | 3:46  | 65 | 15:31 | 69   | *  | *  | *    | *  | 9:43  | 26 | 22:11 | 8   | *  | *  | *  | *  |
| 21 | 20   | 34 | 49 | 60 | 65 | 64 | 56 | 45 | 36 | 30 | 28 | 29 | 36 | 47 | 58 | 66 | 69 | 65 | 54 | 40 | 27 | 17 | 11 | 10 | 1016 | 42.3 |   | 4:18  | 66 | 15:56 | 69   | *  | *  | *    | *  | 10:13 | 28 | 22:42 | 10  | *  | *  | *  | *  |
| 22 | 15   | 27 | 41 | 54 | 62 | 65 | 60 | 51 | 41 | 34 | 30 | 30 | 33 | 42 | 53 | 62 | 67 | 66 | 59 | 46 | 33 | 22 | 15 | 12 | 1020 | 42.5 |   | 4:48  | 65 | 16:21 | 68   | *  | *  | *    | *  | 10:42 | 29 | 23:11 | 11  | *  | *  | *  | *  |
| 23 | 13   | 21 | 34 | 47 | 57 | 62 | 61 | 55 | 46 | 38 | 33 | 31 | 32 | 38 | 47 | 57 | 64 | 66 | 61 | 52 | 39 | 28 | 20 | 15 | 1017 | 42.4 |   | 5:20  | 63 | 16:49 | 66   | *  | *  | *    | *  | 11:10 | 31 | 23:41 | 14  | *  | *  | *  | *  |
| 24 | 14   | 18 | 27 | 39 | 50 | 58 | 60 | 57 | 50 | 42 | 36 | 33 | 32 | 36 | 42 | 50 | 58 | 62 | 61 | 55 | 45 | 34 | 25 | 19 | 1003 | 41.8 |   | 5:55  | 60 | 17:21 | 62   | *  | *  | *    | *  | 11:41 | 32 | *     | *   | *  | *  | *  | *  |
| 25 | 16   | 18 | 23 | 32 | 42 | 51 | 56 | 57 | 52 | 46 | 40 | 36 | 34 | 34 | 38 | 44 | 51 | 56 | 58 | 55 | 48 | 39 | 30 | 24 | 980  | 40.8 |   | 6:35  | 57 | 17:56 | 58   | *  | *  | *    | *  | 0:13  | 16 | 12:17 | 34  | *  | *  | *  | *  |
| 26 | 20   | 19 | 21 | 27 | 34 | 43 | 50 | 54 | 53 | 49 | 44 | 39 | 36 | 35 | 36 | 39 | 44 | 49 | 52 | 53 | 50 | 43 | 36 | 29 | 955  | 39.8 |   | 7:23  | 54 | 18:42 | 53   | *  | *  | *    | *  | 0:53  | 19 | 13: 6 | 35  | *  | *  | *  | *  |
| 27 | 25   | 22 | 21 | 23 | 28 | 34 | 42 | 48 | 51 | 51 | 47 | 43 | 39 | 37 | 35 | 36 | 38 | 41 | 44 | 47 | 48 | 46 | 41 | 36 | 923  | 38.5 | L | 8:23  | 51 | 19:47 | 48   | *  | *  | *    | *  | 1:47  | 21 | 14:21 | 35  | *  | *  | *  | *  |
| 28 | 31   | 27 | 24 | 23 | 24 | 27 | 33 | 40 | 46 | 50 | 50 | 47 | 44 | 40 | 37 | 34 | 33 | 34 | 36 | 40 | 43 | 45 | 44 | 42 | 894  | 37.3 |   | 9:32  | 50 | 21:20 | 45   | *  | *  | *    | *  | 3: 6  | 23 | 16: 8 | 33  | *  | *  | *  | *  |
| 29 | 38   | 34 | 29 | 25 | 23 | 23 | 26 | 32 | 39 | 46 | 50 | 51 | 49 | 45 | 40 | 35 | 30 | 28 | 28 | 31 | 35 | 40 | 44 | 46 | 867  | 36.1 |   | 10:43 | 51 | 23: 7 | 46   | *  | *  | *    | *  | 4:31  | 22 | 17:30 | 27  | *  | *  | *  | *  |
| 30 | 45   | 42 | 37 | 31 | 26 | 22 | 21 | 25 | 32 | 40 | 48 | 53 | 54 | 51 | 46 | 39 | 31 | 25 | 21 | 21 | 26 | 32 | 40 | 46 | 854  | 35.6 |   | 11:46 | 54 | *     | *    | *  | *  | 5:38 | 21 | 18:25 | 21 | *     | *   | *  | *  |    |    |

| N   | 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 | 29303        | 40.7          | 7日 16時 24分 | 78 | 2  | 6日 22時 27分 | 3  | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 青森

緯度: 40 °50 N

経度: 140 °46 E

潮位表基準面の零点: 平均海面下 37.0(cm)

2021 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   |   |   |   |   |
| 1  | 50   | 50 | 46 | 40 | 32 | 25 | 21 | 20 | 25 | 34 | 43 | 52 | 57 | 58 | 54 | 45 | 35 | 25 | 18 | 14 | 16 | 22 | 31 | 41 | 854 | 35.6 |   | 0:30  | 50 | 12:38 | 58   | *  | *  | *    | *  | 6:32  | 20 | 19:12 | 14   | * | * | * | * |
| 2  | 50   | 55 | 55 | 50 | 41 | 32 | 24 | 20 | 21 | 28 | 38 | 48 | 57 | 63 | 62 | 54 | 43 | 30 | 19 | 10 | 8  | 11 | 21 | 33 | 873 | 36.4 |   | 1:29  | 56 | 13:24 | 63   | *  | *  | *    | *  | 7:21  | 20 | 19:56 | 8    | * | * | * | * |
| 3  | 45   | 55 | 60 | 59 | 51 | 41 | 31 | 24 | 20 | 23 | 31 | 43 | 54 | 64 | 68 | 65 | 53 | 38 | 24 | 12 | 5  | 3  | 10 | 21 | 900 | 37.5 |   | 2:18  | 61 | 14: 6 | 68   | *  | *  | *    | *  | 8: 7  | 20 | 20:41 | 3    | * | * | * | * |
| 4  | 35   | 49 | 60 | 64 | 60 | 51 | 40 | 31 | 24 | 22 | 26 | 36 | 49 | 61 | 69 | 72 | 65 | 50 | 33 | 18 | 7  | 1  | 1  | 10 | 934 | 38.9 | N | 3: 2  | 64 | 14:47 | 72   | *  | *  | *    | *  | 8:54  | 22 | 21:26 | 0    | * | * | * | * |
| 5  | 24   | 39 | 53 | 63 | 66 | 59 | 49 | 38 | 30 | 24 | 23 | 30 | 41 | 55 | 66 | 73 | 73 | 62 | 45 | 28 | 15 | 5  | -1 | 2  | 962 | 40.1 |   | 3:46  | 66 | 15:27 | # 74 | *  | *  | *    | *  | 9:40  | 23 | 22:11 | # -1 | * | * | * | * |
| 6  | 13   | 28 | 43 | 57 | 65 | 65 | 57 | 46 | 37 | 30 | 25 | 25 | 33 | 46 | 59 | 69 | 74 | 70 | 57 | 40 | 24 | 13 | 4  | 1  | 981 | 40.9 |   | 4:28  | 66 | 16: 8 | # 74 | *  | *  | *    | *  | 10:27 | 24 | 22:56 | 1    | * | * | * | * |
| 7  | 6    | 18 | 33 | 47 | 59 | 64 | 62 | 53 | 43 | 36 | 29 | 26 | 28 | 37 | 49 | 61 | 69 | 71 | 65 | 51 | 35 | 22 | 12 | 5  | 981 | 40.9 |   | 5:12  | 65 | 16:49 | 72   | *  | *  | *    | *  | 11:14 | 25 | 23:41 | 4    | * | * | * | * |
| 8  | 4    | 11 | 23 | 37 | 49 | 58 | 62 | 58 | 49 | 41 | 35 | 29 | 26 | 30 | 39 | 50 | 60 | 66 | 66 | 59 | 46 | 32 | 22 | 14 | 966 | 40.3 |   | 5:56  | 62 | 17:33 | 67   | *  | *  | *    | *  | 12: 2 | 26 | *     | *    | * | * | * | * |
| 9  | 9    | 9  | 17 | 28 | 40 | 50 | 57 | 58 | 54 | 46 | 40 | 34 | 29 | 27 | 31 | 39 | 49 | 56 | 60 | 59 | 52 | 41 | 30 | 22 | 937 | 39.0 |   | 6:44  | 58 | 18:20 | 60   | *  | *  | *    | *  | 0:26  | 8  | 12:53 | 27   | * | * | * | * |
| 10 | 16   | 13 | 15 | 22 | 31 | 41 | 49 | 54 | 55 | 50 | 44 | 39 | 34 | 29 | 28 | 31 | 38 | 45 | 51 | 54 | 52 | 46 | 38 | 30 | 905 | 37.7 |   | 7:35  | 55 | 19:15 | 54   | *  | *  | *    | *  | 1:14  | 13 | 13:51 | 28   | * | * | * | * |
| 11 | 25   | 20 | 17 | 19 | 25 | 33 | 41 | 48 | 52 | 52 | 48 | 43 | 38 | 33 | 29 | 27 | 29 | 34 | 40 | 45 | 48 | 47 | 43 | 37 | 873 | 36.4 | U | 8:31  | 52 | 20:23 | 48   | *  | *  | *    | *  | 2: 8  | 17 | 15: 0 | 27   | * | * | * | * |
| 12 | 32   | 27 | 24 | 21 | 22 | 27 | 34 | 40 | 46 | 50 | 50 | 47 | 43 | 38 | 33 | 28 | 25 | 26 | 30 | 35 | 40 | 43 | 44 | 42 | 847 | 35.3 |   | 9:34  | 50 | 21:48 | 44   | *  | *  | *    | *  | 3:13  | 21 | 16:19 | 25   | * | * | * | * |
| 13 | 39   | 35 | 30 | 26 | 24 | 24 | 28 | 34 | 40 | 45 | 49 | 49 | 47 | 43 | 38 | 32 | 26 | 22 | 22 | 26 | 31 | 37 | 42 | 44 | 833 | 34.7 |   | 10:44 | 50 | 23:25 | 44   | *  | *  | *    | *  | 4:26  | 23 | 17:30 | 22   | * | * | * | * |
| 14 | 44   | 41 | 37 | 33 | 28 | 25 | 24 | 28 | 34 | 40 | 46 | 49 | 50 | 48 | 44 | 37 | 30 | 22 | 18 | 18 | 23 | 30 | 37 | 43 | 829 | 34.5 |   | 11:52 | 50 | *     | *    | *  | *  | 5:34 | 24 | 18:27 | 17 | *     | *    | * | * |   |   |
| 15 | 47   | 47 | 45 | 40 | 34 | 29 | 25 | 25 | 29 | 35 | 42 | 47 | 51 | 53 | 50 | 43 | 35 | 25 | 18 | 14 | 15 | 21 | 30 | 38 | 838 | 34.9 |   | 0:43  | 47 | 12:48 | 53   | *  | *  | *    | *  | 6:31  | 24 | 19:15 | 14   | * | * | * | * |
| 16 | 46   | 51 | 51 | 47 | 41 | 34 | 28 | 25 | 25 | 30 | 38 | 45 | 51 | 55 | 55 | 50 | 41 | 30 | 21 | 13 | 11 | 14 | 22 | 32 | 856 | 35.7 |   | 1:37  | 52 | 13:31 | 55   | *  | *  | *    | *  | 7:21  | 24 | 19:58 | 11   | * | * | * | * |
| 17 | 42   | 50 | 55 | 54 | 48 | 40 | 33 | 27 | 25 | 27 | 33 | 41 | 49 | 55 | 58 | 56 | 48 | 37 | 25 | 16 | 9  | 9  | 14 | 24 | 875 | 36.5 |   | 2:20  | 55 | 14: 8 | 58   | *  | *  | *    | *  | 8: 6  | 25 | 20:38 | 8    | * | * | * | * |
| 18 | 36   | 47 | 55 | 58 | 55 | 47 | 39 | 31 | 27 | 26 | 29 | 37 | 46 | 54 | 60 | 61 | 55 | 44 | 31 | 20 | 11 | 7  | 8  | 16 | 900 | 37.5 |   | 2:58  | 58 | 14:40 | 61   | *  | *  | *    | *  | 8:47  | 26 | 21:16 | 7    | * | * | * | * |
| 19 | 29   | 42 | 53 | 59 | 60 | 53 | 44 | 36 | 30 | 26 | 27 | 32 | 42 | 51 | 59 | 63 | 61 | 51 | 38 | 25 | 15 | 8  | 6  | 10 | 920 | 38.3 | F | 3:32  | 60 | 15: 9 | 63   | *  | *  | *    | *  | 9:24  | 26 | 21:52 | 6    | * | * | * | * |
| 20 | 21   | 34 | 48 | 57 | 61 | 58 | 50 | 41 | 33 | 28 | 26 | 29 | 36 | 47 | 56 | 63 | 64 | 57 | 46 | 32 | 20 | 11 | 6  | 7  | 931 | 38.8 |   | 4: 3  | 61 | 15:38 | 64   | *  | *  | *    | *  | 9:59  | 26 | 22:25 | 5    | * | * | * | * |
| 21 | 14   | 26 | 40 | 52 | 60 | 60 | 54 | 45 | 37 | 30 | 26 | 26 | 31 | 40 | 51 | 60 | 64 | 61 | 52 | 39 | 26 | 15 | 8  | 6  | 923 | 38.5 |   | 4:34  | 61 | 16: 7 | 64   | *  | *  | *    | *  | 10:32 | 26 | 22:58 | 6    | * | * | * | * |
| 22 | 9    | 19 | 32 | 46 | 56 | 60 | 57 | 49 | 40 | 33 | 28 | 25 | 27 | 34 | 44 | 54 | 60 | 61 | 56 | 45 | 32 | 21 | 12 | 7  | 907 | 37.8 |   | 5: 6  | 60 | 16:39 | 62   | *  | *  | *    | *  | 11: 5 | 25 | 23:30 | 7    | * | * | * | * |
| 23 | 7    | 14 | 25 | 38 | 49 | 57 | 58 | 53 | 44 | 36 | 30 | 25 | 25 | 29 | 37 | 46 | 54 | 58 | 57 | 49 | 38 | 26 | 17 | 11 | 883 | 36.8 |   | 5:40  | 58 | 17:14 | 59   | *  | *  | *    | *  | 11:39 | 25 | *     | *    | * | * | * | * |
| 24 | 8    | 11 | 18 | 30 | 41 | 51 | 56 | 54 | 48 | 40 | 32 | 27 | 24 | 25 | 30 | 38 | 46 | 52 | 54 | 51 | 43 | 32 | 22 | 15 | 848 | 35.3 |   | 6:17  | 56 | 17:53 | 54   | *  | *  | *    | *  | 0: 3  | 8  | 12:17 | 24   | * | * | * | * |
| 25 | 11   | 10 | 14 | 23 | 33 | 43 | 51 | 53 | 51 | 44 | 36 | 30 | 25 | 23 | 25 | 31 | 38 | 45 | 49 | 50 | 46 | 38 | 29 | 21 | 819 | 34.1 |   | 6:59  | 53 | 18:40 | 50   | *  | *  | *    | *  | 0:39  | 10 | 13: 0 | 23   | * | * | * | * |
| 26 | 16   | 13 | 13 | 18 | 26 | 35 | 44 | 50 | 51 | 47 | 40 | 33 | 28 | 24 | 23 | 25 | 30 | 36 | 41 | 45 | 46 | 42 | 35 | 28 | 789 | 32.9 |   | 7:45  | 51 | 19:37 | 46   | *  | *  | *    | *  | 1:22  | 13 | 13:53 | 23   | * | * | * | * |
| 27 | 22   | 18 | 16 | 17 | 21 | 28 | 36 | 44 | 49 | 49 | 45 | 39 | 32 | 27 | 23 | 22 | 23 | 27 | 32 | 38 | 42 | 43 | 40 | 35 | 768 | 32.0 | L | 8:36  | 50 | 20:49 | 43   | *  | *  | *    | *  | 2:16  | 16 | 15: 4 | 22   | * | * | * | * |
| 28 | 30   | 25 | 21 | 19 | 19 | 23 | 29 | 37 | 44 | 48 | 48 | 45 | 38 | 32 | 27 | 22 | 19 | 20 | 23 | 29 | 35 | 39 | 42 | 41 | 755 | 31.5 |   | 9:32  | 49 | 22:17 | 42   | *  | *  | *    | *  | 3:27  | 19 | 16:26 | 19   | * | * | * | * |
| 29 | 38   | 34 | 29 | 25 | 22 | 21 | 24 | 31 | 38 | 45 | 49 | 49 | 46 | 40 | 33 | 26 | 20 | 16 | 15 | 19 | 25 | 32 | 39 | 43 | 759 | 31.6 |   | 10:35 | 50 | 23:55 | 44   | *  | *  | *    | *  | 4:42  | 21 | 17:37 | 15   | * | * | * | * |
| 30 | 44   | 43 | 38 | 33 | 28 | 24 | 22 | 25 | 32 | 40 | 47 | 51 | 52 | 49 | 42 | 33 | 24 | 16 | 11 | 10 | 15 | 22 | 31 | 39 | 771 | 32.1 |   | 11:43 | 52 | *     | *    | *  | *  | 5:49 | 22 | 18:36 | 10 | *     | *    | * | * |   |   |
| 31 | 46   | 49 | 48 | 43 | 37 | 30 | 25 | 24 | 27 | 34 | 43 | 50 | 55 | 56 | 52 | 43 | 31 | 20 | 11 | 6  | 6  | 11 | 21 | 31 | 799 | 33.3 |   | 1:12  | 49 | 12:45 | 56   | *  | *  | *    | *  | 6:48  | 24 | 19:30 | 5    | * | * | * | * |

| 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 |
| 744      | 27016        | 36.3          | 6日 16時 8分 | 74 | 2  | 5日 22時 11分 | -1 | 1  |