

# 推算潮位 ( 毎時・満干潮 )

地点名: 江差

緯度: 41 °52 N

経度: 140 °8 E

潮位表基準面の零点: 平均海面下 24.0(cm)

2018 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 |   |   |   |
| 1  | 39   | 40 | 38 | 34 | 28 | 21 | 14 | 8  | 4  | 3  | 4  | 7  | 12 | 17 | 21 | 24 | 25 | 25 | 25 | 26 | 29 | 32 | 36 | 537 | 22.4 |      | 0:48  | 40    | *     | *     | *  | *  | *  | *  | *    | 9: 4 | 3     | *     | *     | *  | *  | * | * |   |
| 2  | 41   | 43 | 43 | 41 | 35 | 28 | 20 | 12 | 6  | 2  | 1  | 3  | 7  | 12 | 18 | 22 | 25 | 26 | 26 | 26 | 28 | 31 | 35 | 557 | 23.2 | F    | 1:31  | 44    | *     | *     | *  | *  | *  | *  | *    | 9:52 | 1     | *     | *     | *  | *  | * | * |   |
| 3  | 39   | 43 | 46 | 45 | 42 | 36 | 28 | 19 | 11 | 4  | 1  | 0  | 3  | 8  | 13 | 19 | 23 | 25 | 26 | 26 | 25 | 26 | 27 | 31  | 566  | 23.6 |       | 2:19  | #46   | 17:59 | 26 | *  | *  | *  | *    | *    | 10:41 | 0     | 20:10 | 25 | *  | * | * | * |
| 4  | 35   | 40 | 44 | 46 | 45 | 41 | 35 | 27 | 18 | 10 | 4  | 1  | 1  | 4  | 9  | 15 | 20 | 23 | 25 | 25 | 24 | 23 | 24 | 26  | 565  | 23.5 |       | 3:11  | #46   | 18:31 | 25 | *  | *  | *  | *    | *    | 11:30 | 1     | 21: 6 | 23 | *  | * | * | * |
| 5  | 29   | 34 | 39 | 42 | 44 | 43 | 39 | 33 | 25 | 16 | 9  | 4  | 2  | 3  | 6  | 11 | 16 | 20 | 23 | 24 | 23 | 22 | 21 | 22  | 550  | 22.9 |       | 4: 6  | 44    | 19: 3 | 24 | *  | *  | *  | *    | *    | 12:19 | 2     | 22: 7 | 21 | *  | * | * | * |
| 6  | 24   | 27 | 31 | 35 | 39 | 40 | 39 | 35 | 30 | 22 | 15 | 10 | 6  | 4  | 5  | 9  | 13 | 17 | 20 | 22 | 22 | 21 | 20 | 19  | 525  | 21.9 |       | 5: 3  | 40    | 19:38 | 23 | *  | *  | *  | *    | *    | 13: 6 | 4     | 23:16 | 19 | *  | * | * | * |
| 7  | 20   | 21 | 24 | 27 | 31 | 34 | 35 | 34 | 31 | 26 | 20 | 15 | 10 | 8  | 7  | 8  | 11 | 15 | 18 | 21 | 22 | 21 | 20 | 19  | 498  | 20.8 |       | 6: 2  | 35    | 20:16 | 22 | *  | *  | *  | *    | *    | 13:51 | 7     | *     | *  | *  | * | * | * |
| 8  | 18   | 18 | 18 | 20 | 23 | 26 | 28 | 29 | 28 | 26 | 22 | 18 | 15 | 12 | 10 | 10 | 11 | 14 | 17 | 19 | 21 | 22 | 21 | 20  | 466  | 19.4 |       | 7: 5  | 29    | 20:57 | 22 | *  | *  | *  | *    | *    | 0:42  | 17    | 14:32 | 10 | *  | * | * | * |
| 9  | 18   | 17 | 16 | 16 | 17 | 19 | 21 | 22 | 23 | 23 | 22 | 20 | 17 | 15 | 13 | 12 | 13 | 14 | 16 | 19 | 21 | 22 | 22 | 21  | 439  | 18.3 | L     | 8:22  | 23    | 21:41 | 22 | *  | *  | *  | *    | *    | 2:24  | 16    | 15: 8 | 12 | *  | * | * | * |
| 10 | 20   | 18 | 16 | 15 | 14 | 14 | 15 | 16 | 17 | 19 | 19 | 19 | 18 | 17 | 15 | 14 | 14 | 15 | 17 | 19 | 21 | 23 | 24 | 24  | 423  | 17.6 |       | 10: 7 | 19    | 22:26 | 24 | *  | *  | *  | *    | *    | 4:24  | 14    | 15:34 | 14 | *  | * | * | * |
| 11 | 23   | 21 | 18 | 16 | 14 | 12 | 11 | 12 | 13 | 14 | 16 | 17 | 17 | 17 | 16 | 16 | 17 | 18 | 20 | 22 | 24 | 26 | 26 | 423 | 17.6 |      | 12:24 | 17    | 23: 7 | 26    | *  | *  | *  | *  | *    | 6:17 | 11    | 15:50 | 16    | *  | *  | * | * |   |
| 12 | 26   | 24 | 22 | 19 | 15 | 12 | 10 | 9  | 9  | 10 | 12 | 15 | 16 | 17 | 18 | 18 | 18 | 18 | 19 | 20 | 22 | 25 | 27 | 29  | 430  | 17.9 |       | 23:45 | 29    | *     | *  | *  | *  | *  | *    | 7:25 | 9     | *     | *     | *  | *  | * | * |   |
| 13 | 29   | 28 | 26 | 22 | 19 | 15 | 11 | 9  | 7  | 8  | 10 | 12 | 15 | 17 | 19 | 19 | 19 | 19 | 20 | 21 | 23 | 25 | 28 | 30  | 451  | 18.8 |       | *     | *     | *     | *  | *  | *  | *  | 8:11 | 7    | *     | *     | *     | *  | *  | * |   |   |
| 14 | 31   | 31 | 29 | 26 | 22 | 18 | 13 | 9  | 7  | 6  | 8  | 10 | 14 | 17 | 19 | 20 | 21 | 21 | 21 | 21 | 23 | 25 | 28 | 31  | 471  | 19.6 |       | 0:20  | 32    | *     | *  | *  | *  | *  | *    | 8:48 | 6     | *     | *     | *  | *  | * | * |   |
| 15 | 33   | 34 | 33 | 30 | 26 | 21 | 16 | 11 | 8  | 6  | 6  | 8  | 12 | 15 | 19 | 21 | 22 | 22 | 21 | 21 | 22 | 24 | 27 | 31  | 489  | 20.4 |       | 0:55  | 34    | *     | *  | *  | *  | *  | *    | 9:23 | 6     | *     | *     | *  | *  | * | * |   |
| 16 | 34   | 35 | 35 | 34 | 30 | 25 | 20 | 14 | 9  | 6  | 5  | 7  | 10 | 14 | 17 | 20 | 22 | 23 | 22 | 22 | 22 | 23 | 26 | 29  | 504  | 21.0 |       | 1:31  | 36    | 16:55 | 23 | *  | *  | *  | *    | *    | 9:56  | 5     | 19:21 | 21 | *  | * | * | * |
| 17 | 33   | 35 | 36 | 36 | 33 | 29 | 23 | 17 | 12 | 7  | 5  | 5  | 7  | 11 | 15 | 19 | 21 | 22 | 22 | 21 | 21 | 21 | 23 | 26  | 500  | 20.8 | N     | 2: 7  | 36    | 17:17 | 22 | *  | *  | *  | *    | *    | 10:30 | 5     | 20: 2 | 21 | *  | * | * | * |
| 18 | 30   | 33 | 36 | 36 | 35 | 31 | 26 | 20 | 14 | 9  | 6  | 5  | 6  | 9  | 13 | 16 | 20 | 21 | 21 | 21 | 20 | 19 | 21 | 23  | 491  | 20.5 |       | 2:43  | 36    | 17:40 | 22 | *  | *  | *  | *    | *    | 11: 4 | 5     | 20:42 | 19 | *  | * | * | * |
| 19 | 26   | 30 | 33 | 35 | 35 | 33 | 28 | 23 | 17 | 11 | 7  | 5  | 5  | 6  | 10 | 14 | 17 | 19 | 20 | 20 | 18 | 17 | 18 | 19  | 466  | 19.4 |       | 3:21  | 35    | 18: 4 | 20 | *  | *  | *  | *    | *    | 11:37 | 4     | 21:21 | 17 | *  | * | * | * |
| 20 | 22   | 26 | 30 | 33 | 34 | 33 | 29 | 25 | 19 | 13 | 9  | 6  | 4  | 5  | 7  | 11 | 15 | 17 | 19 | 19 | 17 | 16 | 15 | 16  | 440  | 18.3 |       | 4: 0  | 34    | 18:29 | 19 | *  | *  | *  | *    | *    | 12:10 | 4     | 22: 4 | 15 | *  | * | * | * |
| 21 | 18   | 21 | 25 | 28 | 31 | 31 | 29 | 26 | 21 | 16 | 11 | 7  | 5  | 4  | 6  | 9  | 12 | 15 | 17 | 18 | 17 | 15 | 14 | 13  | 409  | 17.0 |       | 4:41  | 31    | 18:56 | 18 | *  | *  | *  | *    | *    | 12:43 | 4     | 22:52 | 13 | *  | * | * | * |
| 22 | 14   | 16 | 19 | 23 | 26 | 28 | 28 | 26 | 22 | 18 | 13 | 9  | 6  | 5  | 6  | 8  | 11 | 13 | 16 | 17 | 17 | 16 | 14 | 13  | 384  | 16.0 |       | 5:25  | 28    | 19:26 | 17 | *  | *  | *  | *    | *    | 13:16 | 5     | 23:51 | 12 | *  | * | * | * |
| 23 | 12   | 13 | 15 | 18 | 21 | 24 | 25 | 24 | 22 | 19 | 15 | 12 | 9  | 7  | 6  | 7  | 10 | 13 | 15 | 17 | 17 | 17 | 15 | 13  | 366  | 15.3 |       | 6:15  | 25    | 20: 0 | 17 | *  | *  | *  | *    | *    | 13:48 | 6     | *     | *  | *  | * | * | * |
| 24 | 12   | 11 | 12 | 13 | 16 | 18 | 20 | 21 | 21 | 20 | 17 | 14 | 11 | 10 | 9  | 9  | 10 | 13 | 15 | 17 | 19 | 19 | 18 | 16  | 361  | 15.0 |       | 7:17  | 21    | 20:37 | 19 | *  | *  | *  | *    | *    | 1: 7  | 11    | 14:19 | 9  | *  | * | * | * |
| 25 | 13   | 12 | 11 | 10 | 11 | 13 | 15 | 17 | 18 | 19 | 18 | 16 | 14 | 13 | 12 | 12 | 12 | 14 | 16 | 18 | 20 | 21 | 21 | 19  | 365  | 15.2 | U     | 8:42  | 19    | 21:16 | 21 | *  | *  | *  | *    | *    | 2:36  | 10    | 14:45 | 11 | *  | * | * | * |
| 26 | 17   | 14 | 12 | 10 | 9  | 9  | 11 | 12 | 14 | 16 | 17 | 17 | 17 | 16 | 15 | 15 | 15 | 16 | 18 | 20 | 22 | 24 | 25 | 24  | 385  | 16.0 |       | 10:45 | 17    | 21:58 | 25 | *  | *  | *  | *    | *    | 4:16  | 9     | 15: 3 | 15 | *  | * | * | * |
| 27 | 22   | 19 | 15 | 12 | 9  | 7  | 7  | 8  | 10 | 12 | 14 | 16 | 17 | 18 | 18 | 18 | 18 | 18 | 20 | 22 | 24 | 27 | 28 | 29  | 408  | 17.0 |       | 22:44 | 29    | *     | *  | *  | *  | *  | *    | 5:50 | 7     | *     | *     | *  | *  | * | * |   |
| 28 | 27   | 25 | 21 | 16 | 12 | 8  | 5  | 4  | 5  | 7  | 10 | 13 | 16 | 18 | 19 | 20 | 20 | 20 | 21 | 23 | 25 | 28 | 31 | 33  | 427  | 17.8 |       | 23:34 | 33    | *     | *  | *  | *  | *  | *    | 7: 4 | 4     | *     | *     | *  | *  | * | * |   |
| 29 | 33   | 31 | 27 | 22 | 17 | 11 | 6  | 3  | 2  | 3  | 6  | 10 | 14 | 17 | 19 | 21 | 21 | 21 | 22 | 23 | 25 | 28 | 31 | 34  | 447  | 18.6 |       | *     | *     | *     | *  | *  | *  | *  | 8: 4 | 2    | *     | *     | *     | *  | *  | * |   |   |
| 30 | 36   | 36 | 34 | 29 | 23 | 17 | 10 | 5  | 1  | 0  | 2  | 5  | 10 | 14 | 18 | 20 | 22 | 22 | 21 | 21 | 23 | 25 | 29 | 33  | 456  | 19.0 |       | 0:28  | 36    | *     | *  | *  | *  | *  | *    | 8:57 | 0     | *     | *     | *  | *  | * | * |   |
| 31 | 36   | 38 | 38 | 36 | 31 | 24 | 16 | 9  | 4  | 0  | -1 | 1  | 5  | 11 | 15 | 19 | 21 | 21 | 21 | 20 | 20 | 21 | 24 | 28  | 458  | 19.1 | F     | 1:25  | 39    | 16:52 | 21 | *  | *  | *  | *    | *    | 9:47  | # -1  | 19:29 | 20 | *  | * | * | * |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位 |    |    | 推算月最低潮位  |    |    |
|----------|--------------|---------------|---------|----|----|----------|----|----|
|          |              |               | 起時      | 潮位 | 回数 | 起時       | 潮位 | 回数 |
| 744      | 14257        | 19.2          | 4日3時11分 | 46 | 2  | 31日9時47分 | -1 | 1  |

# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018年2月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 満潮   |      |       |       |     |       |    |    | 干潮   |      |    |       |     |       |    |    |    |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|-------|-------|-----|-------|----|----|------|------|----|-------|-----|-------|----|----|----|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月     | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位   | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 |   |   |
| 1  | 33   | 37 | 39 | 39 | 36 | 31 | 24 | 16 | 8  | 3  | 0  | -1 | 2  | 7  | 12 | 16 | 19 | 21 | 20 | 19 | 18 | 18 | 19 | 22  | 458  | 19.1 |       | 2:24  | #40 | 17:15 | 21 | *  | *    | *    | *  | 10:35 | #-1 | 20:32 | 17 | *  | *  | * | * |
| 2  | 27   | 32 | 36 | 39 | 38 | 35 | 30 | 22 | 14 | 7  | 3  | 0  | 1  | 4  | 9  | 14 | 17 | 20 | 20 | 18 | 16 | 15 | 15 | 16  | 448  | 18.7 |       | 3:24  | 39  | 17:40 | 20 | *  | *    | *    | *  | 11:21 | 0   | 21:33 | 15 | *  | *  | * | * |
| 3  | 19   | 24 | 29 | 34 | 36 | 36 | 33 | 27 | 20 | 13 | 7  | 3  | 2  | 3  | 6  | 11 | 15 | 18 | 19 | 18 | 16 | 14 | 12 | 12  | 427  | 17.8 |       | 4:23  | 36  | 18:7  | 19 | *  | *    | *    | *  | 12:4  | 2   | 22:36 | 12 | *  | *  | * | * |
| 4  | 13   | 17 | 21 | 26 | 30 | 32 | 32 | 29 | 24 | 18 | 12 | 7  | 4  | 4  | 6  | 9  | 13 | 16 | 18 | 18 | 17 | 14 | 12 | 10  | 402  | 16.8 |       | 5:21  | 32  | 18:35 | 19 | *  | *    | *    | *  | 12:43 | 4   | 23:42 | 10 | *  | *  | * | * |
| 5  | 10   | 11 | 14 | 18 | 23 | 26 | 28 | 27 | 25 | 20 | 15 | 11 | 8  | 6  | 7  | 9  | 12 | 15 | 18 | 19 | 18 | 16 | 13 | 11  | 380  | 15.8 |       | 6:17  | 28  | 19:5  | 19 | *  | *    | *    | *  | 13:18 | 6   | *     | *  | *  | *  | * | * |
| 6  | 9    | 8  | 10 | 12 | 16 | 19 | 22 | 23 | 22 | 20 | 17 | 14 | 11 | 9  | 9  | 10 | 12 | 15 | 17 | 19 | 19 | 18 | 16 | 13  | 360  | 15.0 |       | 7:15  | 23  | 19:38 | 19 | *  | *    | *    | *  | 0:50  | 8   | 13:46 | 9  | *  | *  | * | * |
| 7  | 11   | 9  | 8  | 9  | 10 | 13 | 15 | 17 | 18 | 18 | 17 | 15 | 13 | 12 | 11 | 11 | 13 | 15 | 17 | 19 | 20 | 20 | 18 | 16  | 345  | 14.4 |       | 8:21  | 18  | 20:17 | 20 | *  | *    | *    | *  | 2:4   | 8   | 14:5  | 11 | *  | *  | * | * |
| 8  | 14   | 11 | 9  | 8  | 8  | 9  | 10 | 12 | 14 | 15 | 15 | 15 | 14 | 13 | 13 | 13 | 14 | 16 | 18 | 20 | 21 | 21 | 21 | 20  | 344  | 14.3 | L     | 9:54  | 15  | 21:3  | 21 | *  | *    | *    | *  | 3:33  | 8   | 14:15 | 13 | *  | *  | * | * |
| 9  | 17   | 15 | 12 | 10 | 8  | 8  | 8  | 8  | 10 | 12 | 13 | 14 | 14 | 14 | 14 | 15 | 15 | 16 | 18 | 20 | 21 | 23 | 23 | 23  | 351  | 14.6 |       | 21:58 | 23  | *     | *  | *  | *    | 5:23 | 7  | *     | *   | *     | *  | *  | *  |   |   |
| 10 | 21   | 19 | 16 | 13 | 10 | 8  | 7  | 6  | 7  | 9  | 11 | 13 | 14 | 15 | 16 | 16 | 16 | 17 | 18 | 20 | 21 | 23 | 24 | 25  | 365  | 15.2 |       | 22:56 | 25  | *     | *  | *  | *    | 6:50 | 6  | *     | *   | *     | *  | *  | *  |   |   |
| 11 | 24   | 23 | 20 | 17 | 14 | 10 | 8  | 6  | 6  | 6  | 8  | 11 | 13 | 15 | 16 | 17 | 17 | 17 | 18 | 19 | 21 | 23 | 25 | 26  | 380  | 15.8 |       | 23:49 | 27  | *     | *  | *  | *    | 7:47 | 5  | *     | *   | *     | *  | *  | *  |   |   |
| 12 | 27   | 26 | 24 | 21 | 17 | 13 | 9  | 7  | 5  | 5  | 6  | 9  | 12 | 15 | 17 | 18 | 18 | 18 | 18 | 18 | 20 | 22 | 24 | 26  | 395  | 16.5 |       | *     | *   | *     | *  | *  | 8:30 | 5    | *  | *     | *   | *     | *  | *  |    |   |   |
| 13 | 28   | 28 | 27 | 24 | 21 | 16 | 12 | 8  | 5  | 4  | 5  | 7  | 10 | 14 | 16 | 18 | 18 | 18 | 17 | 17 | 18 | 20 | 22 | 25  | 398  | 16.6 |       | 0:38  | 28  | 16:3  | 18 | *  | *    | *    | *  | 9:8   | 4   | 18:37 | 17 | *  | *  | * | * |
| 14 | 28   | 29 | 29 | 27 | 24 | 20 | 15 | 10 | 6  | 4  | 4  | 5  | 8  | 12 | 15 | 17 | 18 | 18 | 17 | 16 | 16 | 17 | 20 | 23  | 398  | 16.6 |       | 1:22  | 29  | 16:18 | 18 | *  | *    | *    | *  | 9:43  | 4   | 19:26 | 16 | *  | *  | * | * |
| 15 | 26   | 28 | 29 | 29 | 26 | 22 | 18 | 12 | 8  | 5  | 3  | 3  | 6  | 9  | 13 | 16 | 17 | 17 | 16 | 15 | 14 | 14 | 16 | 19  | 381  | 15.9 |       | 2:5   | 29  | 16:34 | 17 | *  | *    | *    | *  | 10:16 | 3   | 20:9  | 14 | *  | *  | * | * |
| 16 | 23   | 26 | 29 | 29 | 28 | 25 | 20 | 15 | 10 | 6  | 3  | 2  | 4  | 7  | 11 | 14 | 16 | 16 | 15 | 14 | 12 | 12 | 13 | 15  | 365  | 15.2 | N     | 2:48  | 29  | 16:52 | 16 | *  | *    | *    | *  | 10:48 | 2   | 20:51 | 12 | *  | *  | * | * |
| 17 | 19   | 23 | 26 | 28 | 28 | 26 | 23 | 17 | 12 | 7  | 4  | 2  | 2  | 5  | 8  | 12 | 14 | 15 | 15 | 13 | 11 | 9  | 9  | 11  | 339  | 14.1 |       | 3:30  | 29  | 17:12 | 15 | *  | *    | *    | *  | 11:20 | 2   | 21:34 | 9  | *  | *  | * | * |
| 18 | 14   | 18 | 22 | 26 | 27 | 27 | 24 | 20 | 14 | 9  | 5  | 3  | 2  | 3  | 7  | 10 | 13 | 15 | 15 | 13 | 11 | 8  | 7  | 7   | 320  | 13.3 |       | 4:14  | 27  | 17:34 | 15 | *  | *    | *    | *  | 11:50 | 2   | 22:21 | 7  | *  | *  | * | * |
| 19 | 9    | 13 | 17 | 22 | 25 | 26 | 25 | 22 | 17 | 12 | 8  | 4  | 3  | 3  | 6  | 9  | 12 | 14 | 15 | 14 | 12 | 9  | 6  | 5   | 308  | 12.8 |       | 5:0   | 26  | 17:58 | 15 | *  | *    | *    | *  | 12:20 | 3   | 23:12 | 5  | *  | *  | * | * |
| 20 | 6    | 8  | 12 | 16 | 20 | 23 | 24 | 22 | 19 | 15 | 10 | 7  | 5  | 4  | 6  | 8  | 12 | 14 | 15 | 15 | 14 | 11 | 7  | 5   | 298  | 12.4 |       | 5:48  | 24  | 18:24 | 16 | *  | *    | *    | *  | 12:48 | 4   | *     | *  | *  | *  | * | * |
| 21 | 4    | 5  | 7  | 11 | 15 | 19 | 21 | 21 | 20 | 17 | 13 | 10 | 8  | 7  | 7  | 9  | 12 | 15 | 17 | 17 | 16 | 14 | 10 | 7   | 302  | 12.6 |       | 6:42  | 21  | 18:52 | 17 | *  | *    | *    | *  | 0:9   | 4   | 13:13 | 7  | *  | *  | * | * |
| 22 | 5    | 4  | 4  | 6  | 10 | 13 | 16 | 18 | 18 | 17 | 15 | 13 | 11 | 10 | 10 | 11 | 13 | 16 | 18 | 19 | 19 | 17 | 14 | 11  | 308  | 12.8 |       | 7:44  | 18  | 19:24 | 19 | *  | *    | *    | *  | 1:12  | 4   | 13:33 | 10 | *  | *  | * | * |
| 23 | 8    | 5  | 4  | 4  | 6  | 8  | 11 | 14 | 15 | 16 | 16 | 15 | 14 | 13 | 13 | 13 | 15 | 17 | 19 | 21 | 22 | 21 | 19 | 16  | 325  | 13.5 | U     | 9:7   | 16  | 20:4  | 22 | *  | *    | *    | *  | 2:24  | 4   | 13:42 | 13 | *  | *  | * | * |
| 24 | 12   | 9  | 6  | 4  | 4  | 5  | 7  | 9  | 11 | 13 | 15 | 15 | 15 | 15 | 15 | 16 | 18 | 20 | 22 | 24 | 24 | 23 | 21 | 338 | 14.1 |      | 20:57 | 24    | *   | *     | *  | *  | 3:49 | 4    | *  | *     | *   | *     | *  | *  |    |   |   |
| 25 | 18   | 14 | 10 | 7  | 5  | 3  | 4  | 5  | 7  | 9  | 12 | 14 | 15 | 16 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 26 | 27 | 26  | 354  | 14.8 |       | 22:3  | 27  | *     | *  | *  | *    | 5:25 | 3  | *     | *   | *     | *  | *  | *  |   |   |
| 26 | 24   | 20 | 16 | 12 | 8  | 5  | 3  | 2  | 3  | 5  | 8  | 11 | 14 | 16 | 17 | 18 | 18 | 18 | 19 | 21 | 23 | 25 | 28 | 29  | 363  | 15.1 |       | 23:17 | 29  | *     | *  | *  | *    | 6:50 | 2  | *     | *   | *     | *  | *  | *  |   |   |
| 27 | 28   | 26 | 23 | 18 | 13 | 8  | 4  | 2  | 1  | 2  | 5  | 8  | 12 | 15 | 17 | 18 | 18 | 18 | 18 | 18 | 20 | 23 | 26 | 29  | 370  | 15.4 |       | *     | *   | *     | *  | *  | 7:57 | 1    | *  | *     | *   | *     | *  | *  |    |   |   |
| 28 | 30   | 30 | 28 | 25 | 20 | 14 | 8  | 4  | 1  | 0  | 1  | 5  | 9  | 13 | 15 | 17 | 17 | 17 | 16 | 15 | 16 | 18 | 21 | 25  | 365  | 15.2 |       | 0:31  | 31  | 15:47 | 17 | *  | *    | *    | *  | 8:52  | 0   | 18:51 | 15 | *  | *  | * | * |

| 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      | 10187        | 15.2          | 1日2時24分 | 40 | 1  | 1日10時35分 | -1 | 1  |

# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018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 | 時刻 | 潮位 |
| 1  | 29   | 31 | 32 | 30 | 26 | 20 | 14 | 8  | 3  | 0  | 0  | 2  | 6  | 10 | 14 | 16 | 17 | 16 | 15 | 13 | 12 | 13 | 15 | 19 | 361 | 15.0 |   | 1:39  | # 32 | 16: 3 | 17 | *  | *  | *    | *    | 9:40  | 0    | 19:58 | 12 | *  | *  | *  | *  |
| 2  | 24   | 28 | 31 | 32 | 30 | 26 | 20 | 13 | 7  | 3  | 0  | 1  | 3  | 8  | 12 | 15 | 17 | 16 | 15 | 12 | 10 | 9  | 10 | 12 | 354 | 14.8 | F | 2:44  | # 32 | 16:24 | 17 | *  | *  | *    | *    | 10:24 | 0    | 20:59 | 9  | *  | *  | *  | *  |
| 3  | 17   | 22 | 27 | 30 | 31 | 29 | 24 | 18 | 12 | 6  | 3  | 1  | 2  | 6  | 10 | 14 | 16 | 17 | 15 | 12 | 9  | 6  | 6  | 7  | 340 | 14.2 |   | 3:44  | 31   | 16:47 | 17 | *  | *  | *    | *    | 11: 3 | 1    | 21:57 | 6  | *  | *  | *  | *  |
| 4  | 10   | 15 | 21 | 25 | 28 | 29 | 27 | 22 | 16 | 10 | 6  | 4  | 3  | 5  | 9  | 13 | 16 | 17 | 16 | 14 | 10 | 6  | 4  | 3  | 329 | 13.7 |   | 4:40  | 29   | 17:10 | 17 | *  | *  | *    | *    | 11:37 | 3    | 22:52 | 3  | *  | *  | *  | *  |
| 5  | 5    | 8  | 13 | 19 | 23 | 25 | 26 | 23 | 19 | 14 | 10 | 7  | 5  | 6  | 9  | 13 | 16 | 18 | 18 | 16 | 13 | 8  | 5  | 3  | 322 | 13.4 |   | 5:33  | 26   | 17:35 | 18 | *  | *  | *    | *    | 12: 7 | 5    | 23:47 | 2  | *  | *  | *  | *  |
| 6  | 2    | 4  | 7  | 12 | 17 | 20 | 22 | 22 | 20 | 16 | 12 | 9  | 8  | 8  | 10 | 13 | 16 | 18 | 19 | 18 | 15 | 12 | 8  | 4  | 312 | 13.0 |   | 6:24  | 22   | 18: 1 | 19 | *  | *  | *    | *    | 12:30 | 8    | *     | *  | *  | *  | *  | *  |
| 7  | 2    | 2  | 4  | 7  | 11 | 15 | 17 | 19 | 18 | 16 | 14 | 12 | 10 | 10 | 11 | 13 | 16 | 18 | 20 | 20 | 18 | 15 | 11 | 8  | 307 | 12.8 |   | 7:16  | 19   | 18:29 | 20 | *  | *  | *    | *    | 0:42  | 2    | 12:46 | 10 | *  | *  | *  | *  |
| 8  | 5    | 3  | 3  | 4  | 7  | 10 | 13 | 15 | 16 | 15 | 14 | 13 | 12 | 12 | 12 | 14 | 16 | 18 | 20 | 21 | 20 | 18 | 15 | 12 | 308 | 12.8 |   | 8:16  | 16   | 19: 1 | 21 | *  | *  | *    | *    | 1:41  | 3    | 12:56 | 12 | *  | *  | *  | *  |
| 9  | 9    | 6  | 5  | 4  | 5  | 7  | 9  | 11 | 13 | 14 | 14 | 13 | 13 | 13 | 13 | 14 | 16 | 18 | 20 | 21 | 21 | 20 | 18 | 16 | 313 | 13.0 | L | 9:44  | 14   | 19:40 | 21 | *  | *  | *    | *    | 2:49  | 4    | 12:51 | 13 | *  | *  | *  | *  |
| 10 | 13   | 10 | 8  | 6  | 5  | 5  | 6  | 8  | 10 | 11 | 12 | 13 | 14 | 14 | 14 | 15 | 16 | 18 | 19 | 20 | 21 | 21 | 20 | 19 | 318 | 13.3 |   | 20:33 | 21   | *     | *  | *  | *  | *    | *    | 4:18  | 5    | *     | *  | *  | *  | *  | *  |
| 11 | 17   | 14 | 12 | 9  | 7  | 6  | 5  | 6  | 7  | 9  | 11 | 12 | 14 | 14 | 15 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 21 | 21 | 326 | 13.6 |   | 21:47 | 21   | *     | *  | *  | *  | *    | *    | 6: 2  | 5    | *     | *  | *  | *  | *  | *  |
| 12 | 20   | 18 | 15 | 13 | 10 | 7  | 6  | 5  | 5  | 7  | 9  | 11 | 13 | 14 | 15 | 16 | 16 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 333 | 13.9 |   | 23:10 | 22   | *     | *  | *  | *  | *    | *    | 7:15  | 5    | *     | *  | *  | *  | *  | *  |
| 13 | 21   | 20 | 18 | 16 | 13 | 10 | 7  | 5  | 4  | 5  | 6  | 9  | 12 | 14 | 15 | 16 | 16 | 15 | 15 | 16 | 17 | 18 | 20 | 21 | 329 | 13.7 |   | *     | *    | *     | *  | *  | *  | *    | 8: 7 | 4     | *    | *     | *  | *  | *  | *  |    |
| 14 | 22   | 22 | 21 | 19 | 16 | 12 | 9  | 6  | 4  | 4  | 5  | 7  | 10 | 12 | 14 | 15 | 15 | 14 | 14 | 13 | 14 | 16 | 18 | 20 | 322 | 13.4 |   | 0:19  | 22   | 15:25 | 15 | *  | *  | *    | *    | 8:47  | 3    | 18:42 | 13 | *  | *  | *  | *  |
| 15 | 22   | 23 | 22 | 21 | 18 | 15 | 11 | 7  | 4  | 3  | 3  | 5  | 8  | 11 | 13 | 14 | 14 | 13 | 12 | 11 | 11 | 12 | 14 | 17 | 304 | 12.7 |   | 1:15  | 23   | 15:33 | 14 | *  | *  | *    | *    | 9:22  | 3    | 19:30 | 11 | *  | *  | *  | *  |
| 16 | 20   | 22 | 23 | 23 | 21 | 17 | 13 | 9  | 5  | 3  | 2  | 3  | 6  | 9  | 12 | 14 | 14 | 13 | 11 | 9  | 8  | 9  | 10 | 13 | 289 | 12.0 |   | 2: 5  | 23   | 15:45 | 14 | *  | *  | *    | *    | 9:52  | 2    | 20:14 | 8  | *  | *  | *  | *  |
| 17 | 17   | 21 | 23 | 24 | 23 | 20 | 16 | 11 | 7  | 4  | 2  | 2  | 5  | 8  | 11 | 13 | 14 | 13 | 11 | 8  | 6  | 5  | 6  | 9  | 279 | 11.6 | N | 2:51  | 24   | 16: 1 | 14 | *  | *  | *    | *    | 10:21 | 2    | 20:58 | 5  | *  | *  | *  | *  |
| 18 | 13   | 17 | 21 | 23 | 24 | 22 | 18 | 14 | 9  | 5  | 3  | 2  | 4  | 7  | 10 | 13 | 14 | 14 | 12 | 9  | 5  | 3  | 3  | 4  | 269 | 11.2 |   | 3:38  | 24   | 16:19 | 14 | *  | *  | *    | *    | 10:48 | 2    | 21:44 | 3  | *  | *  | *  | *  |
| 19 | 8    | 13 | 18 | 22 | 23 | 23 | 21 | 17 | 12 | 8  | 5  | 3  | 4  | 6  | 10 | 13 | 15 | 15 | 14 | 11 | 6  | 3  | 1  | 1  | 272 | 11.3 |   | 4:25  | 24   | 16:40 | 15 | *  | *  | *    | *    | 11:15 | 3    | 22:32 | 1  | *  | *  | *  | *  |
| 20 | 3    | 7  | 13 | 18 | 21 | 23 | 22 | 19 | 15 | 11 | 8  | 6  | 5  | 7  | 10 | 14 | 16 | 17 | 16 | 14 | 9  | 5  | 1  | 0  | 280 | 11.7 |   | 5:13  | 23   | 17: 2 | 17 | *  | *  | *    | *    | 11:39 | 5    | 23:23 | 0  | *  | *  | *  | *  |
| 21 | 0    | 2  | 7  | 12 | 17 | 20 | 21 | 20 | 18 | 14 | 11 | 9  | 8  | 9  | 11 | 15 | 18 | 19 | 19 | 17 | 13 | 8  | 4  | 1  | 293 | 12.2 |   | 6: 4  | 21   | 17:27 | 19 | *  | *  | *    | *    | 12: 1 | 8    | *     | *  | *  | *  | *  | *  |
| 22 | -1   | 0  | 3  | 7  | 12 | 16 | 19 | 20 | 19 | 16 | 13 | 11 | 11 | 11 | 13 | 16 | 19 | 21 | 22 | 21 | 18 | 13 | 8  | 4  | 312 | 13.0 |   | 6:58  | 20   | 17:55 | 22 | *  | *  | *    | *    | 0:16  | # -1 | 12:16 | 11 | *  | *  | *  | *  |
| 23 | 1    | 0  | 0  | 3  | 7  | 11 | 14 | 17 | 17 | 17 | 15 | 14 | 13 | 13 | 14 | 17 | 19 | 22 | 23 | 23 | 22 | 18 | 14 | 9  | 323 | 13.5 |   | 8: 1  | 17   | 18:29 | 24 | *  | *  | *    | *    | 1:12  | 0    | 12:22 | 13 | *  | *  | *  | *  |
| 24 | 5    | 2  | 1  | 1  | 3  | 6  | 10 | 12 | 14 | 15 | 15 | 15 | 15 | 15 | 16 | 17 | 20 | 22 | 24 | 25 | 24 | 23 | 19 | 15 | 334 | 13.9 |   | 9:28  | 16   | 19:13 | 25 | *  | *  | *    | *    | 2:16  | 1    | 12:12 | 15 | *  | *  | *  | *  |
| 25 | 11   | 7  | 4  | 2  | 2  | 3  | 5  | 8  | 11 | 13 | 14 | 15 | 15 | 16 | 16 | 17 | 19 | 21 | 23 | 25 | 25 | 25 | 23 | 21 | 341 | 14.2 | U | 20:15 | 25   | *     | *  | *  | *  | *    | *    | 3:34  | 2    | *     | *  | *  | *  | *  | *  |
| 26 | 17   | 13 | 9  | 6  | 3  | 3  | 3  | 4  | 7  | 9  | 11 | 13 | 15 | 16 | 16 | 17 | 18 | 19 | 21 | 22 | 24 | 25 | 25 | 24 | 340 | 14.2 |   | 21:43 | 25   | *     | *  | *  | *  | 5:10 | 3    | *     | *    | *     | *  | *  | *  |    |    |
| 27 | 22   | 19 | 15 | 11 | 7  | 4  | 3  | 2  | 4  | 6  | 8  | 11 | 13 | 15 | 16 | 16 | 16 | 17 | 17 | 19 | 20 | 22 | 24 | 25 | 332 | 13.8 |   | 23:21 | 26   | *     | *  | *  | *  | 6:42 | 2    | *     | *    | *     | *  | *  | *  |    |    |
| 28 | 25   | 24 | 21 | 17 | 12 | 8  | 5  | 3  | 2  | 3  | 6  | 9  | 12 | 14 | 15 | 16 | 15 | 14 | 14 | 14 | 16 | 18 | 21 | 24 | 328 | 13.7 |   | 14:47 | 16   | *     | *  | *  | *  | 7:50 | 2    | 18: 4 | 14   | *     | *  | *  | *  |    |    |
| 29 | 26   | 26 | 25 | 22 | 18 | 13 | 8  | 5  | 3  | 2  | 4  | 7  | 10 | 13 | 15 | 15 | 15 | 13 | 12 | 11 | 11 | 12 | 15 | 19 | 320 | 13.3 |   | 0:47  | 26   | 14:56 | 15 | *  | *  | *    | *    | 8:41  | 2    | 19:23 | 10 | *  | *  | *  | *  |
| 30 | 23   | 26 | 26 | 25 | 23 | 18 | 13 | 8  | 5  | 3  | 3  | 5  | 9  | 12 | 15 | 16 | 15 | 13 | 11 | 8  | 7  | 7  | 9  | 13 | 313 | 13.0 |   | 2: 0  | 26   | 15:12 | 16 | *  | *  | *    | *    | 9:23  | 3    | 20:23 | 7  | *  | *  | *  | *  |
| 31 | 18   | 22 | 25 | 26 | 25 | 22 | 17 | 12 | 8  | 5  | 4  | 5  | 8  | 12 | 15 | 17 | 17 | 15 | 12 | 8  | 5  | 4  | 4  | 7  | 313 | 13.0 | F | 3: 2  | 26   | 15:32 | 17 | *  | *  | *    | *    | 9:58  | 4    | 21:17 | 4  | *  | *  | *  | *  |

| 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      | 9816         | 13.2          | 2日2時44分 | 32 | 2  | 22日0時16分 | -1 | 1  |

# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018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  |   |   |   |   |
| 1  | 11   | 17 | 21 | 25 | 26 | 24 | 21 | 16 | 11 | 8  | 6  | 6  | 8  | 12 | 15 | 18 | 18 | 17 | 14 | 10 | 6  | 3  | 1  | 2   | 316  | 13.2 |       | 3:57  | 26    | 15:53 | 18  | *  | *    | *    | *     | 10:28 | 6     | 22:7  | 1   | * | * | * | * |
| 2  | 5    | 11 | 16 | 21 | 24 | 24 | 22 | 19 | 14 | 11 | 8  | 8  | 9  | 12 | 16 | 19 | 20 | 20 | 17 | 13 | 8  | 4  | 1  | 0   | 322  | 13.4 |       | 4:46  | 24    | 16:16 | 20  | *  | *    | *    | *     | 10:51 | 8     | 22:55 | 0   | * | * | * | * |
| 3  | 2    | 5  | 11 | 16 | 20 | 22 | 22 | 20 | 17 | 13 | 11 | 10 | 10 | 13 | 16 | 20 | 22 | 22 | 20 | 17 | 12 | 7  | 3  | 0   | 331  | 13.8 |       | 5:33  | 22    | 16:40 | 22  | *  | *    | *    | *     | 11:10 | 10    | 23:42 | 0   | * | * | * | * |
| 4  | 0    | 2  | 6  | 11 | 15 | 19 | 20 | 20 | 18 | 15 | 13 | 12 | 12 | 14 | 17 | 20 | 23 | 24 | 23 | 20 | 16 | 11 | 6  | 3   | 340  | 14.2 |       | 6:20  | 20    | 17:6  | 24  | *  | *    | *    | *     | 11:24 | 12    | *     | *   | * | * | * | * |
| 5  | 1    | 1  | 3  | 7  | 11 | 15 | 17 | 18 | 18 | 16 | 15 | 13 | 13 | 15 | 17 | 20 | 23 | 24 | 24 | 23 | 20 | 15 | 11 | 7   | 347  | 14.5 |       | 7:8   | 18    | 17:33 | 25  | *  | *    | *    | *     | 0:29  | 1     | 11:34 | 13  | * | * | * | * |
| 6  | 4    | 2  | 3  | 5  | 8  | 11 | 14 | 16 | 17 | 16 | 15 | 15 | 15 | 15 | 17 | 20 | 22 | 24 | 25 | 24 | 22 | 19 | 15 | 11  | 355  | 14.8 |       | 8:4   | 17    | 18:1  | 25  | *  | *    | *    | *     | 1:19  | 2     | 11:39 | 14  | * | * | * | * |
| 7  | 8    | 5  | 4  | 4  | 6  | 8  | 11 | 13 | 15 | 15 | 15 | 15 | 15 | 16 | 17 | 19 | 21 | 23 | 24 | 24 | 23 | 21 | 18 | 15  | 355  | 14.8 |       | 18:32 | 24    | *     | *   | *  | *    | 2:14 | 4     | *     | *     | *     | *   | * | * |   |   |
| 8  | 12   | 9  | 7  | 6  | 6  | 7  | 8  | 10 | 12 | 13 | 14 | 15 | 15 | 16 | 17 | 18 | 20 | 21 | 23 | 23 | 23 | 22 | 20 | 17  | 354  | 14.8 | L     | 19:10 | 23    | *     | *   | *  | *    | 3:24 | 6     | *     | *     | *     | *   | * | * |   |   |
| 9  | 15   | 12 | 10 | 8  | 7  | 7  | 7  | 8  | 9  | 11 | 13 | 14 | 15 | 16 | 16 | 17 | 18 | 19 | 20 | 21 | 21 | 21 | 20 | 19  | 344  | 14.3 |       | 20:10 | 21    | *     | *   | *  | *    | 5:0  | 7     | *     | *     | *     | *   | * | * |   |   |
| 10 | 17   | 15 | 13 | 11 | 9  | 7  | 7  | 6  | 7  | 9  | 11 | 13 | 14 | 15 | 16 | 16 | 16 | 17 | 18 | 19 | 19 | 20 | 20 | 20  | 335  | 14.0 |       | 21:58 | 20    | *     | *   | *  | *    | 6:33 | 6     | *     | *     | *     | *   | * | * |   |   |
| 11 | 19   | 17 | 16 | 13 | 11 | 9  | 7  | 6  | 6  | 7  | 9  | 11 | 13 | 14 | 15 | 15 | 15 | 15 | 15 | 16 | 17 | 18 | 19 | 20  | 323  | 13.5 |       | 23:41 | 20    | *     | *   | *  | *    | 7:32 | 6     | *     | *     | *     | *   | * | * |   |   |
| 12 | 20   | 19 | 18 | 16 | 13 | 10 | 8  | 6  | 5  | 5  | 7  | 9  | 12 | 13 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 15 | 17 | 18  | 305  | 12.7 |       | 14:38 | 14    | *     | *   | *  | *    | 8:12 | 5     | 18:30 | 12    | *     | *   | * | * |   |   |
| 13 | 20   | 20 | 20 | 18 | 15 | 12 | 9  | 7  | 5  | 5  | 6  | 8  | 11 | 13 | 14 | 14 | 14 | 12 | 11 | 10 | 10 | 11 | 13 | 16  | 294  | 12.3 |       | 0:54  | 20    | 14:39 | 14  | *  | *    | *    | *     | 8:42  | 5     | 19:25 | 10  | * | * | * | * |
| 14 | 19   | 21 | 21 | 20 | 18 | 15 | 11 | 8  | 6  | 5  | 5  | 8  | 10 | 13 | 15 | 15 | 14 | 12 | 10 | 8  | 7  | 7  | 9  | 12  | 289  | 12.0 |       | 1:52  | 21    | 14:49 | 15  | *  | *    | *    | *     | 9:8   | 5     | 20:13 | 7   | * | * | * | * |
| 15 | 16   | 20 | 22 | 22 | 21 | 18 | 14 | 11 | 8  | 6  | 6  | 8  | 11 | 14 | 16 | 17 | 16 | 14 | 11 | 7  | 5  | 4  | 5  | 8   | 300  | 12.5 |       | 2:45  | 22    | 15:5  | 17  | *  | *    | *    | *     | 9:33  | 6     | 21:0  | 4   | * | * | * | * |
| 16 | 12   | 17 | 20 | 22 | 23 | 21 | 18 | 14 | 10 | 8  | 7  | 8  | 11 | 15 | 18 | 19 | 19 | 17 | 13 | 9  | 5  | 2  | 2  | 3   | 313  | 13.0 | N     | 3:36  | 23    | 15:24 | 19  | *  | *    | *    | *     | 9:56  | 7     | 21:47 | 2   | * | * | * | * |
| 17 | 7    | 12 | 17 | 21 | 23 | 23 | 21 | 17 | 14 | 11 | 10 | 10 | 12 | 16 | 20 | 22 | 23 | 21 | 17 | 12 | 7  | 3  | 0  | 0   | 339  | 14.1 |       | 4:27  | 23    | 15:46 | 23  | *  | *    | *    | *     | 10:18 | 10    | 22:36 | 0   | * | * | * | * |
| 18 | 2    | 7  | 13 | 18 | 21 | 23 | 23 | 20 | 17 | 14 | 12 | 12 | 14 | 17 | 21 | 24 | 26 | 25 | 22 | 17 | 11 | 6  | 1  | -1  | 365  | 15.2 |       | 5:18  | 23    | 16:12 | 26  | *  | *    | *    | *     | 10:35 | 12    | 23:25 | #-1 | * | * | * | * |
| 19 | -1   | 2  | 7  | 13 | 18 | 21 | 22 | 22 | 19 | 17 | 15 | 15 | 16 | 18 | 22 | 26 | 28 | 29 | 27 | 23 | 17 | 11 | 5  | 1   | 393  | 16.4 |       | 6:10  | 22    | 16:43 | 29  | *  | *    | *    | *     | 10:49 | 15    | *     | *   | * | * | * | * |
| 20 | -1   | 0  | 3  | 8  | 13 | 17 | 20 | 21 | 20 | 19 | 17 | 17 | 17 | 19 | 22 | 26 | 29 | 31 | 30 | 28 | 23 | 17 | 11 | 5   | 412  | 17.2 |       | 7:6   | 21    | 17:18 | 31  | *  | *    | *    | *     | 0:17  | #-1   | 10:58 | 17  | * | * | * | * |
| 21 | 2    | 0  | 1  | 4  | 8  | 12 | 16 | 18 | 19 | 19 | 18 | 18 | 18 | 19 | 22 | 25 | 28 | 31 | 32 | 31 | 28 | 23 | 17 | 12  | 421  | 17.5 |       | 8:10  | 19    | 17:59 | #32 | *  | *    | *    | *     | 1:12  | 0     | 11:4  | 18  | * | * | * | * |
| 22 | 7    | 3  | 2  | 2  | 5  | 8  | 11 | 14 | 16 | 17 | 18 | 18 | 18 | 19 | 20 | 23 | 26 | 29 | 30 | 31 | 30 | 27 | 23 | 18  | 415  | 17.3 |       | 18:51 | 31    | *     | *   | *  | *    | 2:14 | 2     | *     | *     | *     | *   | * | * |   |   |
| 23 | 13   | 9  | 6  | 4  | 4  | 5  | 8  | 10 | 13 | 15 | 16 | 17 | 17 | 18 | 19 | 20 | 22 | 25 | 27 | 28 | 29 | 28 | 26 | 23  | 402  | 16.8 | U     | 20:2  | 29    | *     | *   | *  | *    | 3:29 | 4     | *     | *     | *     | *   | * | * |   |   |
| 24 | 19   | 15 | 11 | 8  | 6  | 5  | 6  | 7  | 10 | 12 | 14 | 16 | 17 | 17 | 18 | 18 | 19 | 20 | 22 | 24 | 25 | 26 | 27 | 26  | 388  | 16.2 |       | 21:42 | 27    | *     | *   | *  | *    | 5:1  | 5     | *     | *     | *     | *   | * | * |   |   |
| 25 | 24   | 20 | 17 | 13 | 10 | 7  | 6  | 6  | 7  | 10 | 12 | 14 | 16 | 17 | 17 | 16 | 16 | 17 | 18 | 20 | 22 | 24 | 25 | 371 | 15.5 |      | 13:49 | 17    | 23:31 | 25    | *   | *  | *    | *    | 6:28  | 6     | 16:29 | 16    | *   | * | * | * |   |
| 26 | 25   | 24 | 21 | 18 | 14 | 11 | 8  | 7  | 7  | 8  | 11 | 13 | 16 | 17 | 17 | 15 | 14 | 13 | 13 | 14 | 16 | 19 | 22 | 360 | 15.0 |      | 13:49 | 17    | *     | *     | *   | *  | 7:30 | 7    | 18:31 | 13    | *     | *     | *   | * |   |   |   |
| 27 | 24   | 25 | 24 | 22 | 19 | 15 | 11 | 9  | 8  | 8  | 10 | 13 | 16 | 18 | 18 | 18 | 16 | 14 | 11 | 10 | 10 | 11 | 14 | 17  | 361  | 15.0 |       | 0:59  | 25    | 14:3  | 18  | *  | *    | *    | *     | 8:14  | 8     | 19:41 | 10  | * | * | * | * |
| 28 | 21   | 24 | 25 | 24 | 22 | 19 | 15 | 12 | 10 | 9  | 10 | 13 | 16 | 19 | 20 | 20 | 18 | 15 | 12 | 9  | 7  | 7  | 9  | 12  | 368  | 15.3 |       | 2:9   | 25    | 14:21 | 20  | *  | *    | *    | *     | 8:46  | 9     | 20:35 | 7   | * | * | * | * |
| 29 | 17   | 21 | 23 | 25 | 24 | 21 | 18 | 15 | 12 | 11 | 12 | 14 | 17 | 20 | 22 | 22 | 21 | 18 | 14 | 10 | 6  | 5  | 5  | 7   | 380  | 15.8 |       | 3:7   | 25    | 14:41 | 23  | *  | *    | *    | *     | 9:10  | 11    | 21:23 | 5   | * | * | * | * |
| 30 | 12   | 17 | 21 | 23 | 24 | 23 | 21 | 17 | 15 | 13 | 13 | 15 | 18 | 22 | 24 | 25 | 25 | 22 | 18 | 13 | 8  | 5  | 3  | 4   | 401  | 16.7 | F     | 3:57  | 24    | 15:3  | 25  | *  | *    | *    | *     | 9:27  | 13    | 22:7  | 3   | * | * | * | * |

| 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 | 10599 | 14.7 | 21日 17時 59分 | 32 | 1  | 20日 0時 17分 | -1 | 2  |

# 推算潮位 (毎時・満干潮)

地点名: 江差

緯度: 41°52' N

経度: 140°8' E

潮位表基準面の零点: 平均海面下 24.0(cm)

2018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  | 8    | 12 | 17 | 21 | 23 | 24 | 22 | 20 | 17 | 15 | 15 | 16 | 19 | 23 | 26 | 28 | 28 | 26 | 22 | 17 | 11 | 7  | 4  | 3   | 424  | 17.7 |       | 4:43  | 24 | 15:28 | 28  | *  | *  | *  | *    | 9:41  | 15   | 22:50 | #3    | *  | *  | *  | *  |   |
| 2  | 5    | 8  | 13 | 18 | 21 | 23 | 23 | 21 | 19 | 17 | 17 | 18 | 20 | 24 | 27 | 30 | 31 | 29 | 26 | 21 | 16 | 10 | 6  | 4   | 447  | 18.6 |       | 5:27  | 23 | 15:55 | 31  | *  | *  | *  | *    | 9:55  | 17   | 23:33 | #3    | *  | *  | *  | *  |   |
| 3  | 4    | 6  | 10 | 15 | 19 | 22 | 23 | 22 | 21 | 19 | 18 | 19 | 20 | 24 | 27 | 30 | 32 | 32 | 30 | 26 | 20 | 15 | 10 | 6   | 470  | 19.6 |       | 6:11  | 23 | 16:23 | 32  | *  | *  | *  | *    | 10:10 | 18   | *     | *     | *  | *  | *  | *  |   |
| 4  | 5    | 5  | 8  | 12 | 16 | 19 | 21 | 22 | 21 | 20 | 19 | 19 | 21 | 23 | 26 | 30 | 32 | 33 | 32 | 29 | 24 | 19 | 14 | 10  | 480  | 20.0 |       | 6:56  | 22 | 16:52 | 33  | *  | *  | *  | *    | 0:16  | 5    | 10:25 | 19    | *  | *  | *  | *  |   |
| 5  | 7    | 6  | 7  | 9  | 13 | 16 | 19 | 20 | 21 | 20 | 20 | 20 | 20 | 22 | 25 | 28 | 31 | 32 | 32 | 30 | 27 | 22 | 18 | 14  | 479  | 20.0 |       | 7:48  | 21 | 17:20 | 32  | *  | *  | *  | *    | 1:1   | 6    | 10:32 | 20    | *  | *  | *  | *  |   |
| 6  | 10   | 8  | 8  | 9  | 11 | 13 | 16 | 18 | 19 | 19 | 19 | 19 | 20 | 21 | 23 | 26 | 28 | 30 | 31 | 30 | 27 | 24 | 20 | 17  | 466  | 19.4 |       | 17:50 | 31 | *     | *   | *  | *  | *  | *    | *     | 1:49 | 8     | *     | *  | *  | *  | *  | * |
| 7  | 13   | 11 | 9  | 9  | 10 | 11 | 13 | 15 | 17 | 18 | 18 | 19 | 19 | 20 | 22 | 23 | 26 | 27 | 28 | 28 | 27 | 25 | 22 | 19  | 449  | 18.7 |       | 18:24 | 28 | *     | *   | *  | *  | *  | *    | *     | 2:44 | 9     | *     | *  | *  | *  | *  | * |
| 8  | 16   | 14 | 12 | 10 | 10 | 10 | 11 | 13 | 14 | 16 | 17 | 18 | 18 | 19 | 20 | 21 | 23 | 24 | 25 | 26 | 25 | 24 | 23 | 21  | 430  | 17.9 | L     | 19:11 | 26 | *     | *   | *  | *  | *  | *    | *     | 3:54 | 10    | *     | *  | *  | *  | *  | * |
| 9  | 18   | 16 | 14 | 12 | 11 | 10 | 10 | 11 | 12 | 14 | 15 | 17 | 17 | 18 | 18 | 19 | 20 | 21 | 22 | 23 | 23 | 23 | 22 | 409 | 17.0 |      | 20:36 | 23    | *  | *     | *   | *  | *  | *  | *    | 5:19  | 10   | *     | *     | *  | *  | *  | *  |   |
| 10 | 20   | 18 | 16 | 14 | 12 | 11 | 10 | 10 | 11 | 12 | 14 | 16 | 17 | 18 | 18 | 18 | 18 | 18 | 18 | 19 | 20 | 21 | 22 | 22  | 393  | 16.4 |       | 22:38 | 22 | *     | *   | *  | *  | *  | *    | *     | 6:24 | 10    | *     | *  | *  | *  | *  | * |
| 11 | 21   | 20 | 18 | 16 | 14 | 12 | 10 | 10 | 10 | 12 | 14 | 16 | 17 | 18 | 18 | 17 | 16 | 16 | 15 | 16 | 16 | 18 | 20 | 21  | 381  | 15.9 |       | 13:27 | 18 | *     | *   | *  | *  | *  | *    | *     | 7:5  | 10    | 18:6  | 15 | *  | *  | *  | * |
| 12 | 22   | 22 | 20 | 19 | 16 | 14 | 12 | 11 | 10 | 12 | 14 | 16 | 18 | 20 | 20 | 19 | 17 | 15 | 13 | 12 | 13 | 14 | 17 | 19  | 385  | 16.0 |       | 0:14  | 22 | 13:32 | 20  | *  | *  | *  | *    | *     | 7:34 | 10    | 19:14 | 12 | *  | *  | *  | * |
| 13 | 21   | 23 | 23 | 21 | 19 | 17 | 14 | 12 | 12 | 13 | 15 | 17 | 20 | 22 | 22 | 21 | 19 | 16 | 13 | 11 | 10 | 10 | 12 | 16  | 399  | 16.6 |       | 1:28  | 23 | 13:46 | 22  | *  | *  | *  | *    | *     | 7:59 | 12    | 20:8  | 10 | *  | *  | *  | * |
| 14 | 19   | 22 | 24 | 24 | 23 | 20 | 17 | 15 | 14 | 14 | 16 | 19 | 23 | 25 | 26 | 25 | 23 | 19 | 14 | 10 | 8  | 7  | 8  | 11  | 426  | 17.8 |       | 2:33  | 24 | 14:5  | 26  | *  | *  | *  | *    | *     | 8:22 | 14    | 20:57 | 7  | *  | *  | *  | * |
| 15 | 16   | 20 | 23 | 25 | 25 | 24 | 21 | 19 | 17 | 17 | 18 | 21 | 25 | 28 | 30 | 30 | 28 | 24 | 19 | 13 | 8  | 5  | 5  | 7   | 468  | 19.5 | N     | 3:33  | 25 | 14:29 | 31  | *  | *  | *  | *    | *     | 8:41 | 17    | 21:45 | 5  | *  | *  | *  | * |
| 16 | 11   | 16 | 21 | 24 | 26 | 26 | 24 | 22 | 20 | 19 | 20 | 23 | 26 | 31 | 34 | 35 | 34 | 30 | 25 | 18 | 11 | 6  | 4  | 3   | 509  | 21.2 |       | 4:29  | 26 | 14:59 | 35  | *  | *  | *  | *    | *     | 8:58 | 19    | 22:34 | #3 | *  | *  | *  | * |
| 17 | 6    | 11 | 16 | 21 | 25 | 27 | 26 | 25 | 23 | 22 | 22 | 24 | 27 | 32 | 36 | 38 | 39 | 36 | 31 | 24 | 17 | 10 | 5  | 3   | 546  | 22.8 |       | 5:23  | 27 | 15:33 | 39  | *  | *  | *  | *    | *     | 9:15 | 22    | 23:24 | #3 | *  | *  | *  | * |
| 18 | 3    | 6  | 11 | 17 | 21 | 25 | 26 | 26 | 24 | 23 | 23 | 24 | 27 | 31 | 36 | 40 | 41 | 41 | 37 | 31 | 24 | 16 | 10 | 5   | 568  | 23.7 |       | 6:17  | 26 | 16:12 | 41  | *  | *  | *  | *    | *     | 9:34 | 23    | *     | *  | *  | *  | *  | * |
| 19 | 3    | 4  | 7  | 12 | 17 | 21 | 24 | 25 | 25 | 24 | 23 | 24 | 26 | 29 | 34 | 38 | 41 | 42 | 41 | 37 | 31 | 24 | 16 | 10  | 578  | 24.1 |       | 7:12  | 25 | 16:56 | #42 | *  | *  | *  | *    | *     | 0:16 | #3    | 9:55  | 23 | *  | *  | *  | * |
| 20 | 6    | 4  | 5  | 8  | 13 | 17 | 20 | 23 | 24 | 23 | 23 | 24 | 27 | 30 | 34 | 38 | 40 | 41 | 39 | 35 | 30 | 23 | 17 | 567 | 23.6 |      | 17:47 | 41    | *  | *     | *   | *  | *  | *  | 1:11 | 4     | *    | *     | *     | *  | *  | *  |    |   |
| 21 | 12   | 8  | 7  | 7  | 10 | 13 | 16 | 19 | 21 | 22 | 22 | 22 | 23 | 24 | 26 | 29 | 32 | 35 | 37 | 38 | 36 | 33 | 29 | 23  | 544  | 22.7 |       | 18:46 | 38 | *     | *   | *  | *  | *  | *    | 2:12  | 7    | *     | *     | *  | *  | *  | *  |   |
| 22 | 18   | 14 | 10 | 9  | 9  | 11 | 13 | 16 | 19 | 20 | 21 | 21 | 22 | 22 | 23 | 24 | 27 | 29 | 31 | 33 | 34 | 33 | 31 | 28  | 518  | 21.6 | U     | 20:2  | 34 | *     | *   | *  | *  | *  | *    | 3:21  | 9    | *     | *     | *  | *  | *  | *  |   |
| 23 | 24   | 19 | 16 | 13 | 11 | 11 | 12 | 14 | 16 | 19 | 20 | 21 | 21 | 21 | 21 | 22 | 23 | 25 | 27 | 29 | 30 | 30 | 29 | 495 | 20.6 |      | 21:42 | 30    | *  | *     | *   | *  | *  | *  | 4:37 | 11    | *    | *     | *     | *  | *  | *  |    |   |
| 24 | 27   | 24 | 20 | 17 | 14 | 13 | 13 | 13 | 15 | 17 | 20 | 21 | 22 | 22 | 21 | 20 | 19 | 19 | 19 | 21 | 22 | 24 | 26 | 27  | 476  | 19.8 |       | 12:24 | 22 | 23:28 | 28  | *  | *  | *  | *    | *     | 5:48 | 12    | 17:3  | 19 | *  | *  | *  | * |
| 25 | 27   | 26 | 24 | 21 | 18 | 16 | 14 | 14 | 15 | 17 | 20 | 22 | 23 | 24 | 23 | 21 | 19 | 17 | 16 | 16 | 17 | 19 | 22 | 24  | 475  | 19.8 |       | 12:46 | 24 | *     | *   | *  | *  | *  | *    | 6:41  | 14   | 18:46 | 16    | *  | *  | *  | *  |   |
| 26 | 26   | 26 | 26 | 24 | 21 | 19 | 17 | 16 | 17 | 18 | 21 | 23 | 25 | 26 | 26 | 24 | 21 | 18 | 16 | 14 | 13 | 14 | 17 | 20  | 488  | 20.3 |       | 0:58  | 26 | 13:8  | 26  | *  | *  | *  | *    | *     | 7:15 | 16    | 19:51 | 13 | *  | *  | *  | * |
| 27 | 23   | 25 | 26 | 26 | 24 | 22 | 20 | 18 | 18 | 20 | 22 | 25 | 28 | 29 | 29 | 27 | 25 | 21 | 17 | 14 | 12 | 11 | 13 | 16  | 511  | 21.3 |       | 2:9   | 26 | 13:30 | 29  | *  | *  | *  | *    | *     | 7:35 | 18    | 20:41 | 11 | *  | *  | *  | * |
| 28 | 20   | 23 | 25 | 26 | 26 | 24 | 22 | 21 | 20 | 21 | 23 | 27 | 30 | 32 | 33 | 32 | 29 | 25 | 20 | 16 | 12 | 10 | 10 | 13  | 540  | 22.5 |       | 3:7   | 26 | 13:53 | 33  | *  | *  | *  | *    | *     | 7:48 | 20    | 21:25 | 10 | *  | *  | *  | * |
| 29 | 16   | 20 | 24 | 26 | 27 | 26 | 24 | 23 | 22 | 23 | 25 | 28 | 31 | 34 | 36 | 36 | 34 | 30 | 24 | 19 | 14 | 11 | 10 | 11  | 574  | 23.9 | F     | 3:56  | 27 | 14:20 | 36  | *  | *  | *  | *    | *     | 8:3  | 22    | 22:5  | 10 | *  | *  | *  | * |
| 30 | 14   | 18 | 22 | 25 | 27 | 27 | 26 | 25 | 24 | 24 | 26 | 28 | 32 | 36 | 38 | 39 | 38 | 34 | 29 | 23 | 18 | 13 | 10 | 10  | 606  | 25.3 |       | 4:41  | 27 | 14:49 | 39  | *  | *  | *  | *    | *     | 8:22 | 24    | 22:45 | 10 | *  | *  | *  | * |
| 31 | 11   | 15 | 19 | 23 | 26 | 28 | 28 | 27 | 25 | 25 | 26 | 29 | 32 | 36 | 39 | 41 | 41 | 38 | 34 | 28 | 22 | 16 | 12 | 10  | 631  | 26.3 |       | 5:24  | 28 | 15:19 | 41  | *  | *  | *  | *    | *     | 8:46 | 25    | 23:24 | 10 | *  | *  | *  | * |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |    |    | 推算月最低潮位    |    |    |
|----------|--------------|---------------|-------------|----|----|------------|----|----|
|          |              |               | 起時          | 潮位 | 回数 | 起時         | 潮位 | 回数 |
| 744      | 15132        | 20.3          | 19日 16時 56分 | 42 | 1  | 19日 0時 16分 | 3  | 5  |

# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018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  | 11   | 13 | 17 | 21 | 25 | 27 | 28 | 28 | 26 | 26 | 26 | 28 | 31 | 35 | 39 | 41 | 42 | 41 | 37 | 32 | 26 | 20 | 15 | 12  | 647  | 27.0 |       | 6:5   | 28 | 15:50 | 42  | *  | *    | *    | *  | 9:10  | 26 | *     | *  | *  | *  | * | * |
| 2  | 11   | 12 | 15 | 18 | 22 | 25 | 27 | 28 | 27 | 26 | 26 | 27 | 30 | 33 | 37 | 40 | 41 | 41 | 39 | 35 | 30 | 24 | 19 | 15  | 648  | 27.0 |       | 6:47  | 28 | 16:21 | 42  | *  | *    | *    | *  | 0:4   | 11 | 9:32  | 26 | *  | *  | * | * |
| 3  | 12   | 12 | 13 | 16 | 19 | 23 | 25 | 26 | 26 | 26 | 26 | 26 | 28 | 31 | 34 | 37 | 39 | 40 | 39 | 36 | 32 | 27 | 22 | 18  | 633  | 26.4 |       | 7:32  | 26 | 16:53 | 40  | *  | *    | *    | *  | 0:45  | 12 | 9:51  | 26 | *  | *  | * | * |
| 4  | 14   | 13 | 13 | 15 | 17 | 20 | 22 | 24 | 25 | 25 | 25 | 25 | 26 | 28 | 31 | 34 | 36 | 38 | 37 | 36 | 33 | 29 | 24 | 20  | 610  | 25.4 |       | 17:25 | 38 | *     | *   | *  | *    | 1:27 | 13 | *     | *  | *     | *  | *  | *  |   |   |
| 5  | 17   | 14 | 14 | 14 | 16 | 18 | 20 | 22 | 23 | 24 | 24 | 24 | 24 | 26 | 27 | 30 | 32 | 34 | 35 | 34 | 32 | 29 | 26 | 22  | 581  | 24.2 |       | 18:2  | 35 | *     | *   | *  | *    | 2:11 | 13 | *     | *  | *     | *  | *  | *  |   |   |
| 6  | 19   | 16 | 15 | 14 | 15 | 16 | 18 | 20 | 21 | 22 | 23 | 23 | 23 | 24 | 25 | 26 | 28 | 30 | 31 | 32 | 31 | 29 | 27 | 24  | 552  | 23.0 |       | 18:48 | 32 | *     | *   | *  | *    | 2:58 | 14 | *     | *  | *     | *  | *  | *  |   |   |
| 7  | 21   | 18 | 16 | 15 | 15 | 15 | 17 | 18 | 20 | 21 | 23 | 23 | 23 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 28 | 27 | 25 | 530 | 22.1 | L    | 19:57 | 29    | *  | *     | *   | *  | 3:49 | 15   | *  | *     | *  | *     | *  | *  |    |   |   |
| 8  | 23   | 20 | 18 | 17 | 16 | 15 | 16 | 18 | 19 | 21 | 23 | 24 | 24 | 24 | 23 | 22 | 22 | 23 | 23 | 24 | 26 | 26 | 26 | 26  | 519  | 21.6 |       | 11:46 | 24 | 21:45 | 26  | *  | *    | *    | *  | 4:40  | 15 | 15:52 | 22 | *  | *  | * | * |
| 9  | 25   | 23 | 21 | 19 | 17 | 17 | 17 | 18 | 20 | 22 | 24 | 26 | 26 | 26 | 24 | 23 | 21 | 20 | 20 | 21 | 22 | 23 | 25 | 26  | 526  | 21.9 |       | 12:1  | 26 | 23:40 | 26  | *  | *    | *    | *  | 5:24  | 17 | 17:54 | 20 | *  | *  | * | * |
| 10 | 26   | 25 | 24 | 22 | 20 | 19 | 19 | 19 | 21 | 23 | 26 | 28 | 29 | 29 | 28 | 25 | 22 | 20 | 18 | 17 | 18 | 19 | 22 | 24  | 543  | 22.6 |       | 12:20 | 29 | *     | *   | *  | *    | 5:58 | 19 | 19:7  | 17 | *     | *  | *  | *  |   |   |
| 11 | 26   | 27 | 27 | 25 | 24 | 22 | 21 | 22 | 23 | 25 | 28 | 31 | 33 | 34 | 32 | 29 | 26 | 21 | 18 | 15 | 14 | 15 | 18 | 21  | 577  | 24.0 |       | 1:15  | 27 | 12:43 | 34  | *  | *    | *    | *  | 6:25  | 21 | 20:2  | 14 | *  | *  | * | * |
| 12 | 24   | 27 | 28 | 28 | 27 | 26 | 25 | 24 | 25 | 28 | 31 | 34 | 37 | 39 | 38 | 35 | 31 | 25 | 20 | 15 | 13 | 12 | 13 | 16  | 621  | 25.9 |       | 2:36  | 28 | 13:10 | 39  | *  | *    | *    | *  | 6:48  | 24 | 20:52 | 12 | *  | *  | * | * |
| 13 | 21   | 25 | 28 | 30 | 30 | 29 | 28 | 27 | 28 | 30 | 33 | 37 | 41 | 43 | 44 | 42 | 38 | 32 | 25 | 18 | 13 | 10 | 10 | 12  | 674  | 28.1 |       | 3:45  | 30 | 13:42 | 44  | *  | *    | *    | *  | 7:10  | 27 | 21:41 | 10 | *  | *  | * | * |
| 14 | 16   | 21 | 26 | 29 | 31 | 31 | 31 | 30 | 29 | 31 | 33 | 37 | 42 | 46 | 48 | 48 | 45 | 39 | 32 | 24 | 17 | 11 | 9  | 8   | 714  | 29.8 | N     | 4:45  | 31 | 14:21 | 48  | *  | *    | *    | *  | 7:36  | 29 | 22:31 | #8 | *  | *  | * | * |
| 15 | 11   | 16 | 21 | 26 | 30 | 32 | 32 | 31 | 30 | 31 | 33 | 36 | 41 | 46 | 50 | 51 | 50 | 46 | 40 | 31 | 23 | 16 | 10 | 8   | 741  | 30.9 |       | 5:39  | 32 | 15:5  | 51  | *  | *    | *    | *  | 8:7   | 30 | 23:21 | #8 | *  | *  | * | * |
| 16 | 8    | 12 | 17 | 22 | 27 | 30 | 31 | 31 | 31 | 30 | 32 | 34 | 38 | 43 | 47 | 51 | 52 | 50 | 46 | 39 | 31 | 22 | 15 | 11  | 750  | 31.3 |       | 6:27  | 32 | 15:53 | #52 | *  | *    | *    | *  | 8:43  | 30 | *     | *  | *  | *  | * | * |
| 17 | 8    | 9  | 13 | 18 | 23 | 27 | 30 | 31 | 30 | 30 | 30 | 31 | 34 | 38 | 42 | 47 | 50 | 51 | 49 | 44 | 37 | 30 | 22 | 16  | 740  | 30.8 |       | 7:13  | 31 | 16:46 | 51  | *  | *    | *    | *  | 0:13  | #8 | 9:26  | 30 | *  | *  | * | * |
| 18 | 12   | 10 | 11 | 14 | 19 | 23 | 27 | 29 | 29 | 29 | 28 | 29 | 30 | 32 | 36 | 40 | 44 | 47 | 47 | 46 | 41 | 35 | 29 | 22  | 709  | 29.5 |       | 7:58  | 29 | 17:43 | 47  | *  | *    | *    | *  | 1:6   | 10 | 10:17 | 28 | *  | *  | * | * |
| 19 | 17   | 13 | 12 | 13 | 16 | 20 | 24 | 26 | 28 | 28 | 28 | 27 | 27 | 28 | 30 | 33 | 37 | 40 | 42 | 43 | 41 | 38 | 33 | 28  | 672  | 28.0 |       | 8:46  | 28 | 18:46 | 43  | *  | *    | *    | *  | 2:0   | 12 | 11:24 | 27 | *  | *  | * | * |
| 20 | 23   | 18 | 16 | 15 | 16 | 18 | 22 | 24 | 27 | 28 | 28 | 27 | 27 | 26 | 27 | 28 | 30 | 32 | 35 | 37 | 37 | 37 | 34 | 31  | 643  | 26.8 | U     | 9:37  | 28 | 20:0  | 37  | *  | *    | *    | *  | 2:54  | 15 | 13:5  | 26 | *  | *  | * | * |
| 21 | 27   | 23 | 20 | 18 | 18 | 19 | 21 | 23 | 26 | 28 | 29 | 29 | 28 | 27 | 26 | 25 | 25 | 26 | 28 | 30 | 32 | 33 | 33 | 32  | 626  | 26.1 |       | 10:25 | 29 | 21:31 | 33  | *  | *    | *    | *  | 3:48  | 18 | 15:16 | 25 | *  | *  | * | * |
| 22 | 29   | 27 | 24 | 22 | 20 | 20 | 21 | 23 | 26 | 28 | 30 | 30 | 30 | 29 | 27 | 25 | 24 | 23 | 23 | 24 | 26 | 27 | 29 | 30  | 617  | 25.7 |       | 11:7  | 30 | 23:18 | 30  | *  | *    | *    | *  | 4:35  | 20 | 17:27 | 23 | *  | *  | * | * |
| 23 | 29   | 28 | 27 | 25 | 23 | 23 | 23 | 24 | 27 | 29 | 31 | 33 | 33 | 32 | 30 | 28 | 25 | 22 | 21 | 20 | 21 | 22 | 25 | 27  | 628  | 26.2 |       | 11:42 | 33 | *     | *   | *  | *    | 5:10 | 23 | 18:59 | 20 | *     | *  | *  | *  |   |   |
| 24 | 28   | 29 | 28 | 27 | 26 | 25 | 25 | 26 | 28 | 31 | 33 | 35 | 36 | 36 | 34 | 31 | 28 | 24 | 21 | 19 | 18 | 19 | 21 | 24  | 652  | 27.2 |       | 1:0   | 29 | 12:12 | 36  | *  | *    | *    | *  | 5:32  | 25 | 19:59 | 18 | *  | *  | * | * |
| 25 | 26   | 28 | 29 | 29 | 28 | 27 | 27 | 28 | 29 | 32 | 35 | 38 | 40 | 40 | 39 | 36 | 32 | 28 | 23 | 20 | 17 | 17 | 18 | 21  | 687  | 28.6 |       | 2:24  | 29 | 12:41 | 40  | *  | *    | *    | *  | 5:47  | 27 | 20:46 | 17 | *  | *  | * | * |
| 26 | 24   | 27 | 29 | 30 | 30 | 29 | 29 | 29 | 31 | 33 | 36 | 39 | 42 | 43 | 43 | 40 | 37 | 32 | 27 | 22 | 18 | 16 | 17 | 19  | 722  | 30.1 |       | 3:29  | 30 | 13:11 | 43  | *  | *    | *    | *  | 6:9   | 29 | 21:25 | 16 | *  | *  | * | * |
| 27 | 22   | 25 | 28 | 30 | 31 | 31 | 31 | 30 | 31 | 33 | 37 | 40 | 44 | 46 | 46 | 45 | 41 | 37 | 31 | 25 | 20 | 17 | 16 | 17  | 754  | 31.4 |       | 4:18  | 31 | 13:43 | 46  | *  | *    | *    | *  | 6:39  | 30 | 22:2  | 16 | *  | *  | * | * |
| 28 | 20   | 24 | 27 | 30 | 32 | 33 | 32 | 32 | 32 | 34 | 36 | 40 | 44 | 47 | 48 | 48 | 45 | 41 | 35 | 29 | 23 | 19 | 16 | 16  | 783  | 32.6 | F     | 4:58  | 33 | 14:15 | 48  | *  | *    | *    | *  | 7:15  | 32 | 22:38 | 16 | *  | *  | * | * |
| 29 | 18   | 21 | 26 | 29 | 32 | 33 | 33 | 33 | 32 | 33 | 35 | 39 | 42 | 46 | 49 | 49 | 48 | 44 | 39 | 33 | 27 | 21 | 18 | 16  | 796  | 33.2 |       | 5:33  | 33 | 14:49 | 49  | *  | *    | *    | *  | 7:52  | 32 | 23:14 | 16 | *  | *  | * | * |
| 30 | 17   | 19 | 23 | 27 | 31 | 33 | 34 | 33 | 33 | 33 | 34 | 36 | 40 | 44 | 47 | 49 | 49 | 46 | 42 | 36 | 30 | 24 | 20 | 17  | 797  | 33.2 |       | 6:7   | 34 | 15:23 | 49  | *  | *    | *    | *  | 8:28  | 33 | 23:51 | 16 | *  | *  | * | * |

| 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 | 19692 | 27.4 | 16日 15時 53分 | 52 | 1  | 17日 0時 13分 | 8  | 3  |

# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018 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  | 16   | 18 | 21 | 25 | 28 | 31 | 33 | 33 | 32 | 32 | 32 | 34 | 37 | 41 | 44 | 47 | 48 | 47 | 44 | 39 | 33 | 27 | 22 | 18  | 782  | 32.6 |      | 6:39  | 33    | 15:58 | 48 | *  | *  | *     | *    | 9: 2  | 32    | *     | *  | *  | *  | *  | *  |
| 2  | 17   | 17 | 19 | 22 | 26 | 29 | 31 | 32 | 31 | 31 | 31 | 32 | 34 | 37 | 40 | 43 | 45 | 45 | 43 | 40 | 35 | 30 | 24 | 20  | 754  | 31.4 |      | 7:12  | 32    | 16:32 | 45 | *  | *  | *     | *    | 0:26  | 16    | 9:37  | 31 | *  | *  | *  | *  |
| 3  | 18   | 17 | 18 | 20 | 23 | 26 | 29 | 30 | 30 | 30 | 30 | 31 | 33 | 36 | 39 | 41 | 43 | 42 | 40 | 36 | 31 | 26 | 22 | 721 | 30.0 |      | 7:46 | 30    | 17: 9 | 43    | *  | *  | *  | *     | 1: 1 | 17    | 10:15 | 30    | *  | *  | *  | *  |    |
| 4  | 19   | 17 | 17 | 19 | 21 | 24 | 27 | 29 | 30 | 29 | 29 | 29 | 30 | 32 | 34 | 37 | 39 | 39 | 38 | 36 | 32 | 28 | 24 | 688 | 28.7 |      | 8:23 | 30    | 17:49 | 39    | *  | *  | *  | *     | 1:35 | 17    | 11: 6 | 29    | *  | *  | *  | *  |    |
| 5  | 21   | 19 | 18 | 18 | 20 | 23 | 25 | 27 | 29 | 29 | 29 | 28 | 28 | 28 | 29 | 30 | 32 | 34 | 36 | 36 | 35 | 33 | 29 | 26  | 662  | 27.6 |      | 9: 2  | 29    | 18:37 | 36 | *  | *  | *     | *    | 2: 9  | 18    | 12:23 | 28 | *  | *  | *  | *  |
| 6  | 23   | 21 | 19 | 19 | 20 | 22 | 25 | 27 | 29 | 30 | 30 | 30 | 29 | 28 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 32 | 30 | 28  | 652  | 27.2 | L    | 9:41  | 30    | 19:43 | 33 | *  | *  | *     | *    | 2:42  | 19    | 14:12 | 27 | *  | *  | *  | *  |
| 7  | 26   | 23 | 22 | 21 | 21 | 23 | 25 | 27 | 30 | 32 | 32 | 32 | 31 | 29 | 28 | 27 | 26 | 26 | 27 | 28 | 30 | 30 | 30 | 29  | 655  | 27.3 |      | 10:15 | 32    | 21:26 | 30 | *  | *  | *     | *    | 3:12  | 21    | 16:10 | 26 | *  | *  | *  | *  |
| 8  | 28   | 26 | 25 | 24 | 24 | 25 | 26 | 29 | 31 | 34 | 35 | 36 | 35 | 33 | 30 | 27 | 25 | 24 | 24 | 24 | 26 | 27 | 29 | 29  | 676  | 28.2 |      | 10:45 | 36    | 23:38 | 30 | *  | *  | *     | *    | 3:40  | 24    | 17:52 | 24 | *  | *  | *  | *  |
| 9  | 29   | 29 | 28 | 27 | 27 | 27 | 28 | 31 | 34 | 36 | 39 | 40 | 40 | 38 | 34 | 30 | 27 | 24 | 21 | 21 | 21 | 23 | 26 | 28  | 708  | 29.5 |      | 11:14 | 40    | *     | *  | *  | *  | 4: 1  | 27   | 19: 2 | 21    | *     | *  | *  | *  |    |    |
| 10 | 30   | 31 | 31 | 30 | 30 | 30 | 31 | 33 | 36 | 39 | 42 | 44 | 45 | 43 | 40 | 36 | 30 | 25 | 21 | 19 | 18 | 19 | 21 | 25  | 749  | 31.2 |      | 1:46  | 31    | 11:46 | 45 | *  | *  | *     | *    | 4:19  | 30    | 19:57 | 18 | *  | *  | *  | *  |
| 11 | 28   | 31 | 32 | 33 | 33 | 33 | 34 | 35 | 37 | 41 | 45 | 48 | 50 | 49 | 47 | 42 | 36 | 30 | 24 | 19 | 16 | 15 | 17 | 20  | 795  | 33.1 |      | 12:23 | 50    | *     | *  | *  | *  | 20:47 | 15   | *     | *     | *     | *  | *  | *  |    |    |
| 12 | 25   | 29 | 32 | 34 | 35 | 35 | 35 | 36 | 38 | 41 | 45 | 49 | 53 | 54 | 53 | 50 | 44 | 37 | 29 | 22 | 17 | 14 | 13 | 16  | 836  | 34.8 |      | 13: 7 | 54    | *     | *  | *  | *  | 21:36 | 13   | *     | *     | *     | *  | *  | *  |    |    |
| 13 | 20   | 25 | 30 | 33 | 35 | 36 | 36 | 36 | 37 | 40 | 43 | 48 | 52 | 56 | 57 | 55 | 51 | 44 | 36 | 28 | 20 | 15 | 12 | 13  | 858  | 35.8 | N    | 13:55 | 57    | *     | *  | *  | *  | 22:25 | # 12 | *     | *     | *     | *  | *  | *  |    |    |
| 14 | 16   | 21 | 26 | 31 | 34 | 36 | 36 | 36 | 36 | 38 | 40 | 44 | 49 | 54 | 57 | 58 | 56 | 51 | 44 | 35 | 27 | 19 | 14 | 12  | 870  | 36.3 |      | 14:49 | # 58  | *     | *  | *  | *  | 23:14 | # 12 | *     | *     | *     | *  | *  | *  |    |    |
| 15 | 13   | 17 | 22 | 27 | 32 | 35 | 36 | 36 | 35 | 35 | 36 | 39 | 43 | 48 | 53 | 56 | 57 | 55 | 50 | 42 | 34 | 26 | 19 | 15  | 861  | 35.9 |      | 6:20  | 36    | 15:45 | 57 | *  | *  | *     | *    | 8:32  | 35    | *     | *  | *  | *  | *  | *  |
| 16 | 13   | 14 | 18 | 24 | 29 | 32 | 35 | 35 | 34 | 33 | 33 | 34 | 37 | 41 | 46 | 50 | 53 | 54 | 52 | 47 | 40 | 32 | 25 | 19  | 830  | 34.6 |      | 6:49  | 35    | 16:43 | 54 | *  | *  | *     | *    | 0: 2  | 13    | 9:38  | 33 | *  | *  | *  | *  |
| 17 | 16   | 15 | 17 | 21 | 26 | 30 | 33 | 35 | 34 | 33 | 32 | 31 | 32 | 34 | 38 | 42 | 46 | 49 | 49 | 47 | 43 | 37 | 31 | 25  | 796  | 33.2 |      | 7:21  | 35    | 17:43 | 49 | *  | *  | *     | *    | 0:48  | 15    | 10:53 | 31 | *  | *  | *  | *  |
| 18 | 20   | 18 | 18 | 20 | 24 | 28 | 32 | 34 | 35 | 34 | 32 | 31 | 30 | 30 | 31 | 34 | 38 | 41 | 43 | 43 | 42 | 39 | 34 | 29  | 760  | 31.7 |      | 7:56  | 35    | 18:45 | 44 | *  | *  | *     | *    | 1:31  | 17    | 12:21 | 30 | *  | *  | *  | *  |
| 19 | 25   | 22 | 21 | 21 | 24 | 27 | 31 | 33 | 35 | 35 | 34 | 32 | 30 | 29 | 28 | 29 | 31 | 33 | 36 | 37 | 38 | 37 | 35 | 32  | 735  | 30.6 |      | 8:34  | 35    | 19:55 | 38 | *  | *  | *     | *    | 2:10  | 21    | 13:58 | 28 | *  | *  | *  | *  |
| 20 | 28   | 26 | 24 | 24 | 25 | 27 | 31 | 33 | 36 | 37 | 36 | 35 | 33 | 30 | 28 | 27 | 27 | 28 | 29 | 31 | 32 | 33 | 33 | 32  | 725  | 30.2 | U    | 9:15  | 37    | 21:21 | 33 | *  | *  | *     | *    | 2:41  | 24    | 15:44 | 27 | *  | *  | *  | *  |
| 21 | 30   | 28 | 27 | 26 | 27 | 29 | 31 | 34 | 37 | 38 | 39 | 38 | 36 | 34 | 31 | 28 | 26 | 25 | 25 | 26 | 27 | 29 | 30 | 30  | 731  | 30.5 |      | 9:58  | 39    | 23:25 | 31 | *  | *  | *     | *    | 3: 2  | 26    | 17:40 | 25 | *  | *  | *  | *  |
| 22 | 30   | 30 | 29 | 29 | 29 | 30 | 32 | 35 | 38 | 40 | 41 | 42 | 40 | 38 | 35 | 32 | 28 | 25 | 23 | 23 | 23 | 25 | 27 | 28  | 752  | 31.3 |      | 10:40 | 42    | *     | *  | *  | *  | 3: 8  | 29   | 19: 5 | 23    | *     | *  | *  | *  |    |    |
| 23 | 30   | 30 | 31 | 31 | 31 | 32 | 33 | 36 | 38 | 41 | 43 | 45 | 44 | 43 | 40 | 36 | 32 | 28 | 24 | 22 | 21 | 22 | 24 | 26  | 783  | 32.6 |      | 11:19 | 45    | *     | *  | *  | *  | 20: 0 | 21   | *     | *     | *     | *  | *  | *  |    |    |
| 24 | 29   | 30 | 32 | 32 | 33 | 33 | 34 | 36 | 39 | 42 | 45 | 47 | 47 | 47 | 44 | 41 | 36 | 31 | 26 | 23 | 21 | 20 | 22 | 24  | 814  | 33.9 |      | 11:57 | 47    | *     | *  | *  | *  | 20:42 | 20   | *     | *     | *     | *  | *  | *  |    |    |
| 25 | 27   | 30 | 32 | 33 | 34 | 35 | 35 | 37 | 39 | 42 | 45 | 48 | 49 | 50 | 48 | 45 | 40 | 35 | 30 | 25 | 21 | 20 | 20 | 22  | 842  | 35.1 |      | 12:34 | 50    | *     | *  | *  | *  | 21:19 | 20   | *     | *     | *     | *  | *  | *  |    |    |
| 26 | 26   | 29 | 32 | 34 | 35 | 36 | 36 | 37 | 38 | 41 | 44 | 47 | 50 | 51 | 51 | 48 | 44 | 39 | 33 | 28 | 23 | 20 | 19 | 21  | 862  | 35.9 |      | 13:11 | 51    | *     | *  | *  | *  | 21:53 | 19   | *     | *     | *     | *  | *  | *  |    |    |
| 27 | 24   | 28 | 31 | 34 | 36 | 37 | 37 | 37 | 38 | 40 | 43 | 46 | 49 | 51 | 52 | 51 | 47 | 43 | 37 | 31 | 25 | 21 | 19 | 19  | 876  | 36.5 |      | 13:48 | 52    | *     | *  | *  | *  | 22:26 | 19   | *     | *     | *     | *  | *  | *  |    |    |
| 28 | 22   | 25 | 30 | 33 | 36 | 37 | 37 | 37 | 37 | 38 | 40 | 43 | 47 | 50 | 52 | 51 | 49 | 45 | 40 | 34 | 28 | 23 | 20 | 19  | 873  | 36.4 | F    | 14:26 | 52    | *     | *  | *  | *  | 22:58 | 19   | *     | *     | *     | *  | *  | *  |    |    |
| 29 | 20   | 23 | 27 | 31 | 34 | 36 | 37 | 36 | 36 | 36 | 37 | 40 | 43 | 47 | 50 | 51 | 50 | 47 | 42 | 37 | 30 | 25 | 21 | 19  | 855  | 35.6 |      | 5:55  | 37    | 15: 3 | 51 | *  | *  | *     | *    | 8:14  | 36    | 23:30 | 19 | *  | *  | *  | *  |
| 30 | 19   | 21 | 25 | 29 | 32 | 35 | 36 | 36 | 35 | 34 | 35 | 36 | 39 | 43 | 46 | 48 | 49 | 47 | 44 | 39 | 33 | 27 | 23 | 20  | 831  | 34.6 |      | 6:15  | 36    | 15:42 | 49 | *  | *  | *     | *    | 9: 1  | 34    | *     | *  | *  | *  | *  | *  |
| 31 | 19   | 20 | 23 | 26 | 30 | 33 | 35 | 35 | 34 | 33 | 33 | 33 | 35 | 38 | 41 | 45 | 46 | 46 | 44 | 40 | 35 | 29 | 24 | 21  | 798  | 33.3 |      | 6:37  | 35    | 16:21 | 46 | *  | *  | *     | *    | 0: 0  | 19    | 9:51  | 33 | *  | *  | *  | *  |

| 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      | 24130        | 32.4          | 14 日 14 時 49 分 | 58 | 1  | 14 日 23 時 14 分 | 12 | 2  |

# 推算潮位 (毎時・満干潮)

地点名: 江差

緯度: 41°52' N

経度: 140°8' E

潮位表基準面の零点: 平均海面下 24.0(cm)

2018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  | 19   | 19 | 21 | 25 | 28 | 31 | 34 | 34 | 34 | 32 | 31 | 31 | 32 | 34 | 37 | 40 | 42 | 43 | 42 | 40 | 36 | 31 | 26 | 23 | 765 | 31.9 |   | 7:2   | 34   | 17:2  | 43 | *  | *  | *  | *  | 0:29  | 19   | 10:47 | 31   | *  | *  | *  | *  |
| 2  | 20   | 20 | 21 | 23 | 27 | 30 | 33 | 34 | 34 | 33 | 31 | 30 | 30 | 30 | 32 | 35 | 38 | 40 | 40 | 39 | 36 | 33 | 28 | 25 | 742 | 30.9 |   | 7:30  | 34   | 17:47 | 40 | *  | *  | *  | *  | 0:56  | 20   | 11:54 | 30   | *  | *  | *  | *  |
| 3  | 22   | 21 | 21 | 23 | 26 | 30 | 33 | 35 | 35 | 35 | 33 | 31 | 30 | 29 | 29 | 31 | 33 | 35 | 36 | 37 | 36 | 33 | 30 | 27 | 731 | 30.5 |   | 7:59  | 35   | 18:41 | 37 | *  | *  | *  | *  | 1:20  | 21   | 13:14 | 29   | *  | *  | *  | *  |
| 4  | 25   | 24 | 23 | 24 | 27 | 30 | 33 | 36 | 37 | 37 | 36 | 33 | 31 | 29 | 28 | 28 | 29 | 30 | 32 | 33 | 34 | 33 | 32 | 30 | 734 | 30.6 |   | 8:30  | 37   | 19:53 | 34 | *  | *  | *  | *  | 1:41  | 23   | 14:40 | 28   | *  | *  | *  | *  |
| 5  | 28   | 27 | 26 | 27 | 29 | 31 | 34 | 37 | 39 | 40 | 39 | 37 | 34 | 31 | 29 | 27 | 26 | 27 | 28 | 29 | 30 | 31 | 31 | 31 | 748 | 31.2 | L | 9:2   | 40   | 21:48 | 31 | *  | *  | *  | *  | 1:54  | 26   | 16:12 | 26   | *  | *  | *  | *  |
| 6  | 30   | 29 | 29 | 30 | 31 | 33 | 36 | 39 | 42 | 43 | 43 | 42 | 39 | 35 | 32 | 28 | 26 | 24 | 24 | 25 | 26 | 28 | 30 | 31 | 775 | 32.3 |   | 9:36  | 43   | *     | *  | *  | *  | *  | *  | 1:54  | 29   | 17:42 | 24   | *  | *  | *  | *  |
| 7  | 32   | 32 | 32 | 33 | 34 | 35 | 38 | 41 | 44 | 46 | 47 | 47 | 45 | 41 | 36 | 32 | 27 | 24 | 22 | 21 | 22 | 24 | 27 | 29 | 811 | 33.8 |   | 10:14 | 47   | *     | *  | *  | *  | *  | *  | 18:52 | 21   | *     | *    | *  | *  | *  | *  |
| 8  | 31   | 33 | 34 | 35 | 36 | 37 | 39 | 42 | 45 | 48 | 50 | 51 | 50 | 47 | 43 | 37 | 31 | 26 | 22 | 19 | 19 | 20 | 23 | 26 | 844 | 35.2 |   | 10:59 | 51   | *     | *  | *  | *  | *  | *  | 19:49 | 19   | *     | *    | *  | *  | *  | *  |
| 9  | 30   | 32 | 35 | 36 | 37 | 38 | 39 | 42 | 45 | 48 | 51 | 54 | 54 | 53 | 49 | 44 | 37 | 31 | 24 | 20 | 17 | 17 | 19 | 22 | 874 | 36.4 |   | 11:50 | 55   | *     | *  | *  | *  | *  | *  | 20:40 | 17   | *     | *    | *  | *  | *  | *  |
| 10 | 26   | 31 | 34 | 36 | 38 | 38 | 39 | 40 | 43 | 46 | 50 | 53 | 56 | 57 | 55 | 51 | 45 | 37 | 30 | 23 | 18 | 15 | 15 | 18 | 894 | 37.3 |   | 12:46 | 57   | *     | *  | *  | *  | *  | *  | 21:28 | # 15 | *     | *    | *  | *  | *  | *  |
| 11 | 23   | 27 | 32 | 35 | 37 | 38 | 38 | 39 | 40 | 42 | 46 | 50 | 54 | 57 | 57 | 55 | 51 | 44 | 36 | 28 | 21 | 17 | 15 | 15 | 897 | 37.4 | N | 13:45 | # 58 | *     | *  | *  | *  | *  | *  | 22:14 | # 15 | *     | *    | *  | *  | *  | *  |
| 12 | 19   | 24 | 29 | 33 | 36 | 38 | 38 | 37 | 37 | 38 | 40 | 44 | 48 | 53 | 56 | 57 | 55 | 50 | 43 | 35 | 27 | 21 | 16 | 15 | 889 | 37.0 |   | 5:25  | 38   | 14:46 | 57 | *  | *  | *  | *  | 7:43  | 37   | 22:58 | # 15 | *  | *  | *  | *  |
| 13 | 17   | 21 | 26 | 31 | 35 | 37 | 38 | 36 | 35 | 34 | 35 | 37 | 41 | 46 | 50 | 53 | 54 | 52 | 48 | 41 | 33 | 26 | 20 | 17 | 863 | 36.0 |   | 5:42  | 38   | 15:47 | 54 | *  | *  | *  | *  | 9:0   | 34   | 23:39 | 17   | *  | *  | *  | *  |
| 14 | 17   | 19 | 24 | 29 | 34 | 37 | 38 | 37 | 35 | 33 | 32 | 32 | 34 | 37 | 42 | 47 | 50 | 50 | 49 | 44 | 38 | 31 | 25 | 21 | 835 | 34.8 |   | 6:5   | 38   | 16:48 | 50 | *  | *  | *  | *  | 10:17 | 32   | *     | *    | *  | *  | *  | *  |
| 15 | 19   | 20 | 23 | 28 | 32 | 36 | 38 | 38 | 36 | 33 | 31 | 29 | 29 | 31 | 34 | 38 | 42 | 45 | 46 | 44 | 40 | 35 | 30 | 25 | 802 | 33.4 |   | 6:32  | 38   | 17:48 | 46 | *  | *  | *  | *  | 0:16  | 19   | 11:36 | 29   | *  | *  | *  | *  |
| 16 | 23   | 22 | 24 | 27 | 32 | 36 | 38 | 39 | 38 | 36 | 33 | 30 | 28 | 27 | 28 | 31 | 35 | 38 | 40 | 40 | 39 | 36 | 32 | 29 | 781 | 32.5 |   | 7:2   | 39   | 18:48 | 40 | *  | *  | *  | *  | 0:48  | 22   | 12:53 | 27   | *  | *  | *  | *  |
| 17 | 26   | 25 | 26 | 28 | 32 | 36 | 39 | 40 | 40 | 39 | 36 | 33 | 30 | 27 | 26 | 27 | 29 | 31 | 33 | 35 | 36 | 35 | 33 | 31 | 773 | 32.2 |   | 7:34  | 41   | 19:56 | 36 | *  | *  | *  | *  | 1:12  | 25   | 14:11 | 26   | *  | *  | *  | *  |
| 18 | 29   | 28 | 28 | 30 | 32 | 36 | 39 | 41 | 42 | 42 | 40 | 37 | 33 | 30 | 27 | 26 | 25 | 26 | 28 | 30 | 31 | 32 | 32 | 31 | 775 | 32.3 | U | 8:10  | 42   | 21:29 | 32 | *  | *  | *  | *  | 1:25  | 28   | 15:41 | 25   | *  | *  | *  | *  |
| 19 | 31   | 30 | 30 | 31 | 34 | 36 | 39 | 42 | 44 | 44 | 43 | 41 | 38 | 34 | 31 | 27 | 25 | 24 | 24 | 25 | 27 | 28 | 30 | 31 | 789 | 32.9 |   | 8:50  | 44   | *     | *  | *  | *  | *  | *  | 1:18  | 30   | 17:27 | 24   | *  | *  | *  | *  |
| 20 | 31   | 31 | 32 | 33 | 35 | 37 | 40 | 42 | 44 | 46 | 46 | 44 | 42 | 39 | 35 | 31 | 27 | 25 | 23 | 23 | 24 | 25 | 27 | 29 | 811 | 33.8 |   | 9:35  | 46   | *     | *  | *  | *  | *  | *  | 18:48 | 23   | *     | *    | *  | *  | *  | *  |
| 21 | 31   | 32 | 33 | 34 | 35 | 37 | 39 | 42 | 44 | 46 | 47 | 47 | 46 | 43 | 39 | 35 | 31 | 27 | 24 | 22 | 22 | 23 | 25 | 28 | 832 | 34.7 |   | 10:24 | 47   | *     | *  | *  | *  | *  | *  | 19:42 | 22   | *     | *    | *  | *  | *  | *  |
| 22 | 30   | 32 | 34 | 35 | 36 | 37 | 39 | 41 | 43 | 46 | 47 | 48 | 48 | 46 | 43 | 39 | 35 | 30 | 26 | 23 | 21 | 21 | 23 | 26 | 849 | 35.4 |   | 11:13 | 48   | *     | *  | *  | *  | *  | *  | 20:24 | 21   | *     | *    | *  | *  | *  | *  |
| 23 | 29   | 32 | 34 | 36 | 37 | 37 | 38 | 40 | 42 | 44 | 47 | 48 | 49 | 48 | 46 | 43 | 38 | 33 | 28 | 24 | 21 | 21 | 21 | 24 | 860 | 35.8 |   | 12:1  | 49   | *     | *  | *  | *  | *  | *  | 21:0  | 21   | *     | *    | *  | *  | *  | *  |
| 24 | 28   | 31 | 34 | 36 | 37 | 37 | 38 | 39 | 40 | 42 | 45 | 47 | 49 | 49 | 48 | 45 | 41 | 36 | 31 | 26 | 22 | 20 | 20 | 22 | 863 | 36.0 |   | 12:46 | 49   | *     | *  | *  | *  | *  | *  | 21:32 | 20   | *     | *    | *  | *  | *  | *  |
| 25 | 26   | 29 | 33 | 35 | 37 | 37 | 37 | 37 | 38 | 40 | 42 | 45 | 47 | 49 | 49 | 47 | 44 | 39 | 34 | 28 | 24 | 21 | 20 | 21 | 859 | 35.8 |   | 13:29 | 49   | *     | *  | *  | *  | *  | *  | 22:3  | 20   | *     | *    | *  | *  | *  | *  |
| 26 | 23   | 27 | 31 | 34 | 36 | 37 | 36 | 36 | 36 | 37 | 38 | 41 | 44 | 47 | 48 | 47 | 45 | 41 | 36 | 31 | 26 | 22 | 20 | 20 | 839 | 35.0 | F | 5:1   | 37   | 14:12 | 48 | *  | *  | *  | *  | 7:37  | 36   | 22:31 | 19   | *  | *  | *  | *  |
| 27 | 22   | 25 | 29 | 33 | 35 | 36 | 36 | 35 | 34 | 34 | 35 | 37 | 40 | 43 | 46 | 47 | 46 | 43 | 38 | 33 | 27 | 23 | 20 | 19 | 816 | 34.0 |   | 5:11  | 36   | 14:55 | 47 | *  | *  | *  | *  | 8:32  | 34   | 22:58 | 19   | *  | *  | *  | *  |
| 28 | 20   | 23 | 28 | 31 | 34 | 36 | 36 | 34 | 33 | 31 | 32 | 33 | 36 | 39 | 42 | 45 | 45 | 43 | 40 | 35 | 30 | 25 | 21 | 20 | 792 | 33.0 |   | 5:26  | 36   | 15:39 | 45 | *  | *  | *  | *  | 9:25  | 31   | 23:23 | 19   | *  | *  | *  | *  |
| 29 | 20   | 22 | 26 | 30 | 33 | 35 | 36 | 35 | 32 | 30 | 29 | 30 | 31 | 34 | 38 | 41 | 43 | 42 | 40 | 37 | 32 | 27 | 23 | 21 | 767 | 32.0 |   | 5:44  | 36   | 16:24 | 43 | *  | *  | *  | *  | 10:21 | 29   | 23:47 | 20   | *  | *  | *  | *  |
| 30 | 20   | 22 | 25 | 29 | 33 | 36 | 37 | 36 | 34 | 31 | 29 | 28 | 28 | 30 | 33 | 36 | 39 | 40 | 40 | 37 | 34 | 29 | 26 | 23 | 755 | 31.5 |   | 6:6   | 37   | 17:12 | 40 | *  | *  | *  | *  | 11:21 | 27   | *     | *    | *  | *  | *  | *  |
| 31 | 22   | 23 | 25 | 29 | 33 | 36 | 38 | 38 | 36 | 33 | 30 | 27 | 26 | 26 | 28 | 31 | 34 | 37 | 38 | 37 | 35 | 32 | 28 | 26 | 748 | 31.2 |   | 6:28  | 38   | 18:5  | 38 | *  | *  | *  | *  | 0:9   | 22   | 12:22 | 26   | *  | *  | *  | *  |

| 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      | 25113        | 33.8          | 11日 13時 45分 | 58 | 1  | 12日 22時 58分 | 15 | 3  |



# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018 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  | 25   | 25 | 26 | 30 | 33 | 37 | 39 | 40 | 38 | 36 | 32 | 29 | 26 | 25 | 25 | 27 | 30 | 32 | 34 | 35 | 34 | 33 | 30 | 28  | 749  | 31.2 |      | 6:53  | 40    | 19: 7 | 35 | *  | *  | *     | *    | 0:25  | 24    | 13:26 | 25 | *  | *  | *  | *  |
| 2  | 27   | 27 | 29 | 31 | 34 | 38 | 40 | 42 | 41 | 39 | 36 | 32 | 29 | 26 | 24 | 24 | 25 | 28 | 30 | 31 | 32 | 32 | 31 | 760 | 31.7 |      | 7:19 | 42    | 20:32 | 32    | *  | *  | *  | *     | 0:32 | 27    | 14:35 | 24    | *  | *  | *  | *  |    |
| 3  | 30   | 30 | 31 | 33 | 36 | 39 | 42 | 44 | 44 | 43 | 41 | 37 | 33 | 29 | 25 | 23 | 23 | 24 | 25 | 27 | 29 | 30 | 31 | 32  | 781  | 32.5 | L    | 7:50  | 44    | *     | *  | *  | *  | 0:23  | 30   | 15:53 | 23    | *     | *  | *  | *  |    |    |
| 4  | 32   | 32 | 33 | 35 | 37 | 40 | 43 | 45 | 47 | 47 | 45 | 42 | 38 | 33 | 29 | 25 | 23 | 21 | 22 | 23 | 25 | 27 | 29 | 31  | 804  | 33.5 |      | 8:30  | 47    | *     | *  | *  | *  | 17:18 | 21   | *     | *     | *     | *  | *  | *  |    |    |
| 5  | 32   | 33 | 35 | 36 | 38 | 40 | 43 | 46 | 48 | 49 | 49 | 47 | 43 | 39 | 34 | 29 | 25 | 21 | 20 | 20 | 21 | 23 | 26 | 29  | 826  | 34.4 |      | 9:21  | 49    | *     | *  | *  | *  | 18:33 | 20   | *     | *     | *     | *  | *  | *  |    |    |
| 6  | 32   | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 47 | 49 | 50 | 50 | 48 | 45 | 40 | 34 | 29 | 24 | 20 | 18 | 18 | 20 | 23 | 26  | 842  | 35.1 |      | 10:25 | 50    | *     | *  | *  | *  | 19:34 | 18   | *     | *     | *     | *  | *  | *  |    |    |
| 7  | 30   | 33 | 35 | 36 | 37 | 38 | 40 | 42 | 44 | 47 | 49 | 51 | 51 | 49 | 46 | 41 | 34 | 28 | 23 | 19 | 17 | 17 | 19 | 23  | 849  | 35.4 |      | 11:35 | 51    | *     | *  | *  | *  | 20:25 | 17   | *     | *     | *     | *  | *  | *  |    |    |
| 8  | 27   | 31 | 34 | 36 | 37 | 37 | 37 | 38 | 40 | 42 | 45 | 49 | 51 | 52 | 50 | 46 | 41 | 34 | 27 | 22 | 18 | 16 | 17 | 20  | 847  | 35.3 |      | 12:45 | # 52  | *     | *  | *  | *  | 21:11 | # 16 | *     | *     | *     | *  | *  | *  |    |    |
| 9  | 25   | 29 | 33 | 35 | 36 | 36 | 35 | 35 | 35 | 37 | 39 | 43 | 47 | 50 | 51 | 50 | 46 | 40 | 33 | 26 | 21 | 18 | 17 | 18  | 835  | 34.8 |      | 4:16  | 36    | 13:53 | 51 | *  | *  | *     | *    | 7: 9  | 35    | 21:53 | 17 | *  | *  | *  | *  |
| 10 | 22   | 27 | 32 | 35 | 36 | 36 | 35 | 33 | 32 | 32 | 33 | 36 | 40 | 45 | 48 | 49 | 48 | 44 | 39 | 32 | 26 | 21 | 18 | 18  | 817  | 34.0 | N    | 4:26  | 37    | 14:58 | 49 | *  | *  | *     | *    | 8:29  | 31    | 22:30 | 18 | *  | *  | *  | *  |
| 11 | 21   | 26 | 31 | 34 | 37 | 37 | 36 | 33 | 30 | 28 | 28 | 29 | 33 | 38 | 42 | 46 | 47 | 46 | 42 | 36 | 30 | 25 | 22 | 20  | 797  | 33.2 |      | 4:44  | 37    | 16: 1 | 47 | *  | *  | *     | *    | 9:41  | 28    | 23: 3 | 20 | *  | *  | *  | *  |
| 12 | 21   | 25 | 30 | 34 | 37 | 39 | 38 | 35 | 31 | 28 | 25 | 25 | 26 | 30 | 35 | 39 | 42 | 44 | 42 | 39 | 34 | 29 | 25 | 23  | 776  | 32.3 |      | 5: 6  | 39    | 17: 0 | 44 | *  | *  | *     | *    | 10:48 | 25    | 23:29 | 23 | *  | *  | *  | *  |
| 13 | 23   | 26 | 30 | 34 | 38 | 40 | 40 | 38 | 34 | 30 | 26 | 23 | 23 | 24 | 28 | 32 | 36 | 39 | 40 | 39 | 36 | 32 | 28 | 26  | 765  | 31.9 |      | 5:31  | 40    | 17:58 | 40 | *  | *  | *     | *    | 11:50 | 23    | 23:49 | 26 | *  | *  | *  | *  |
| 14 | 26   | 27 | 30 | 35 | 39 | 41 | 42 | 41 | 38 | 33 | 29 | 25 | 22 | 22 | 23 | 26 | 30 | 33 | 35 | 36 | 35 | 33 | 31 | 29  | 761  | 31.7 |      | 5:57  | 42    | 18:57 | 36 | *  | *  | *     | *    | 12:52 | 22    | 23:59 | 28 | *  | *  | *  | *  |
| 15 | 28   | 29 | 31 | 35 | 39 | 42 | 43 | 43 | 41 | 38 | 33 | 29 | 25 | 22 | 22 | 23 | 25 | 28 | 30 | 32 | 33 | 32 | 31 | 31  | 765  | 31.9 |      | 6:26  | 44    | 20: 7 | 33 | *  | *  | *     | *    | 13:56 | 22    | 23:54 | 30 | *  | *  | *  | *  |
| 16 | 30   | 31 | 33 | 35 | 39 | 42 | 44 | 45 | 44 | 41 | 37 | 33 | 29 | 25 | 23 | 22 | 22 | 24 | 26 | 28 | 30 | 31 | 31 | 31  | 776  | 32.3 |      | 6:57  | 45    | *     | *  | *  | *  | 15: 9 | 22   | *     | *     | *     | *  | *  | *  |    |    |
| 17 | 31   | 32 | 34 | 36 | 39 | 41 | 44 | 45 | 45 | 44 | 41 | 37 | 34 | 30 | 26 | 23 | 22 | 22 | 23 | 24 | 26 | 28 | 30 | 31  | 788  | 32.8 | U    | 7:33  | 45    | *     | *  | *  | *  | 16:37 | 22   | *     | *     | *     | *  | *  | *  |    |    |
| 18 | 32   | 33 | 34 | 36 | 38 | 40 | 43 | 44 | 45 | 45 | 43 | 41 | 38 | 34 | 30 | 27 | 24 | 22 | 22 | 22 | 24 | 26 | 28 | 30  | 801  | 33.4 |      | 8:16  | 45    | *     | *  | *  | *  | 18: 2 | 22   | *     | *     | *     | *  | *  | *  |    |    |
| 19 | 32   | 33 | 35 | 36 | 37 | 39 | 41 | 43 | 44 | 44 | 44 | 43 | 40 | 37 | 34 | 30 | 27 | 24 | 22 | 21 | 22 | 23 | 26 | 29  | 806  | 33.6 |      | 9:11  | 44    | *     | *  | *  | *  | 19: 3 | 21   | *     | *     | *     | *  | *  | *  |    |    |
| 20 | 31   | 33 | 35 | 36 | 37 | 38 | 39 | 40 | 42 | 43 | 43 | 43 | 42 | 40 | 37 | 33 | 30 | 26 | 23 | 21 | 20 | 21 | 24 | 27  | 804  | 33.5 |      | 10:18 | 43    | *     | *  | *  | *  | 19:49 | 20   | *     | *     | *     | *  | *  | *  |    |    |
| 21 | 30   | 32 | 34 | 35 | 36 | 36 | 37 | 38 | 39 | 40 | 42 | 42 | 42 | 41 | 39 | 36 | 32 | 28 | 24 | 22 | 20 | 20 | 22 | 25  | 792  | 33.0 |      | 11:27 | 43    | *     | *  | *  | *  | 20:26 | 20   | *     | *     | *     | *  | *  | *  |    |    |
| 22 | 28   | 31 | 33 | 35 | 35 | 35 | 35 | 35 | 36 | 37 | 39 | 41 | 42 | 42 | 40 | 38 | 34 | 30 | 26 | 23 | 20 | 19 | 20 | 23  | 777  | 32.4 |      | 12:27 | 42    | *     | *  | *  | *  | 20:57 | 19   | *     | *     | *     | *  | *  | *  |    |    |
| 23 | 27   | 30 | 33 | 34 | 34 | 34 | 33 | 33 | 33 | 34 | 36 | 38 | 40 | 41 | 41 | 39 | 36 | 33 | 28 | 24 | 21 | 19 | 20 | 22  | 763  | 31.8 |      | 3:52  | 34    | 13:20 | 41 | *  | *  | *     | *    | 7:15  | 32    | 21:24 | 19 | *  | *  | *  | *  |
| 24 | 25   | 29 | 32 | 34 | 34 | 33 | 32 | 30 | 30 | 30 | 32 | 34 | 37 | 39 | 40 | 40 | 38 | 35 | 30 | 26 | 22 | 20 | 19 | 21  | 742  | 30.9 |      | 3:55  | 34    | 14:11 | 40 | *  | *  | *     | *    | 8: 9  | 30    | 21:48 | 19 | *  | *  | *  | *  |
| 25 | 24   | 28 | 31 | 33 | 34 | 34 | 32 | 29 | 28 | 27 | 28 | 30 | 33 | 36 | 39 | 40 | 39 | 36 | 33 | 28 | 24 | 21 | 20 | 21  | 728  | 30.3 | F    | 4: 5  | 34    | 15: 1 | 40 | *  | *  | *     | *    | 8:59  | 27    | 22:11 | 20 | *  | *  | *  | *  |
| 26 | 23   | 27 | 31 | 34 | 35 | 35 | 33 | 30 | 27 | 25 | 24 | 25 | 28 | 32 | 36 | 38 | 39 | 38 | 35 | 31 | 26 | 23 | 21 | 21  | 717  | 29.9 |      | 4:19  | 35    | 15:51 | 39 | *  | *  | *     | *    | 9:49  | 24    | 22:33 | 21 | *  | *  | *  | *  |
| 27 | 23   | 27 | 31 | 34 | 36 | 36 | 35 | 31 | 27 | 24 | 22 | 22 | 24 | 27 | 31 | 35 | 37 | 38 | 36 | 33 | 29 | 26 | 24 | 23  | 711  | 29.6 |      | 4:36  | 37    | 16:43 | 38 | *  | *  | *     | *    | 10:38 | 22    | 22:52 | 23 | *  | *  | *  | *  |
| 28 | 24   | 27 | 31 | 35 | 38 | 39 | 37 | 34 | 30 | 25 | 22 | 20 | 20 | 23 | 26 | 31 | 34 | 36 | 36 | 34 | 32 | 28 | 26 | 25  | 713  | 29.7 |      | 4:55  | 39    | 17:37 | 36 | *  | *  | *     | *    | 11:28 | 20    | 23: 6 | 25 | *  | *  | *  | *  |
| 29 | 26   | 28 | 32 | 36 | 39 | 41 | 40 | 38 | 33 | 28 | 24 | 20 | 19 | 19 | 22 | 26 | 30 | 33 | 34 | 34 | 33 | 31 | 29 | 28  | 723  | 30.1 |      | 5:16  | 41    | 18:35 | 35 | *  | *  | *     | *    | 12:19 | 19    | 23:12 | 28 | *  | *  | *  | *  |
| 30 | 28   | 30 | 33 | 37 | 40 | 43 | 43 | 41 | 38 | 33 | 27 | 23 | 20 | 18 | 19 | 21 | 25 | 28 | 31 | 32 | 33 | 32 | 31 | 30  | 736  | 30.7 |      | 5:40  | 43    | 19:43 | 33 | *  | *  | *     | *    | 13:14 | 18    | 23: 9 | 30 | *  | *  | *  | *  |

| 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 | 23351 | 32.4 | 8日 12時 45分 | 52 | 1  | 8日 21時 11分 | 16 | 1  |

# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018 年 10 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮  |      |   |       |     |       | 干潮 |    |    |    |    |       |       |       |       |       |    |   |   |   |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|---|-------|-----|-------|----|----|----|----|----|-------|-------|-------|-------|-------|----|---|---|---|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻    | 潮位    | 時刻    | 潮位    | 時刻    | 潮位 |   |   |   |   |   |
| 1  | 30   | 32 | 34 | 38 | 41 | 44 | 45 | 44 | 42 | 37 | 32 | 27 | 22 | 19 | 18 | 19 | 21 | 24 | 27 | 29 | 31 | 31 | 31 | 31 | 749 | 31.2 |   | 6:8   | 45  | *     | *  | *  | *  | *  | *  | *     | 14:13 | 18    | *     | *     | *  | * | * | * |   |   |
| 2  | 32   | 33 | 35 | 38 | 41 | 44 | 46 | 46 | 45 | 42 | 37 | 32 | 27 | 23 | 20 | 18 | 18 | 20 | 22 | 25 | 27 | 29 | 31 | 31 | 762 | 31.8 | L | 6:44  | 46  | *     | *  | *  | *  | *  | *  | *     | 15:23 | 18    | *     | *     | *  | * | * | * |   |   |
| 3  | 32   | 34 | 35 | 37 | 40 | 42 | 45 | 46 | 46 | 44 | 42 | 37 | 32 | 28 | 23 | 20 | 18 | 18 | 19 | 21 | 23 | 26 | 29 | 30 | 767 | 32.0 |   | 7:32  | 46  | *     | *  | *  | *  | *  | *  | *     | 16:44 | 18    | *     | *     | *  | * | * | * |   |   |
| 4  | 32   | 33 | 35 | 36 | 38 | 40 | 42 | 44 | 45 | 45 | 44 | 42 | 38 | 33 | 29 | 24 | 21 | 18 | 17 | 18 | 20 | 23 | 26 | 29 | 772 | 32.2 |   | 8:40  | 45  | *     | *  | *  | *  | *  | *  | *     | 18:4  | 17    | *     | *     | *  | * | * | * |   |   |
| 5  | 31   | 33 | 34 | 35 | 36 | 37 | 38 | 40 | 42 | 43 | 44 | 44 | 42 | 38 | 34 | 29 | 25 | 21 | 18 | 17 | 18 | 20 | 23 | 26 | 768 | 32.0 |   | 10:10 | 44  | *     | *  | *  | *  | *  | *  | *     | 19:9  | 17    | *     | *     | *  | * | * | * |   |   |
| 6  | 30   | 32 | 33 | 34 | 34 | 34 | 34 | 35 | 37 | 39 | 41 | 43 | 43 | 42 | 39 | 35 | 30 | 25 | 21 | 18 | 17 | 18 | 21 | 24 | 759 | 31.6 |   | 11:43 | 43  | *     | *  | *  | *  | *  | *  | *     | 20:0  | 17    | *     | *     | *  | * | * | * |   |   |
| 7  | 28   | 31 | 33 | 33 | 33 | 32 | 31 | 30 | 31 | 33 | 36 | 39 | 41 | 42 | 41 | 39 | 35 | 30 | 25 | 21 | 18 | 18 | 20 | 23 | 743 | 31.0 |   | 2:55  | 33  | 13:4  | 42 | *  | *  | *  | *  | *     | *     | 6:51  | 30    | 20:42 | 18 | * | * | * | * | * |
| 8  | 27   | 31 | 33 | 34 | 33 | 31 | 29 | 27 | 26 | 27 | 29 | 33 | 37 | 40 | 41 | 41 | 38 | 34 | 29 | 24 | 21 | 19 | 20 | 23 | 727 | 30.3 |   | 3:2   | 34  | 14:16 | 41 | *  | *  | *  | *  | *     | *     | 8:5   | 26    | 21:16 | 19 | * | * | * | * | * |
| 9  | 27   | 31 | 34 | 35 | 35 | 33 | 29 | 26 | 23 | 22 | 23 | 26 | 30 | 35 | 38 | 40 | 40 | 37 | 33 | 28 | 24 | 22 | 22 | 23 | 716 | 29.8 | N | 3:17  | 35  | 15:21 | 40 | *  | *  | *  | *  | *     | *     | 9:6   | 22    | 21:44 | 22 | * | * | * | * | * |
| 10 | 27   | 31 | 35 | 37 | 37 | 35 | 32 | 27 | 23 | 20 | 19 | 20 | 23 | 28 | 33 | 37 | 38 | 38 | 36 | 32 | 28 | 25 | 24 | 25 | 710 | 29.6 |   | 3:36  | 37  | 16:20 | 39 | *  | *  | *  | *  | *     | *     | 10:1  | 19    | 22:6  | 24 | * | * | * | * | * |
| 11 | 28   | 32 | 36 | 39 | 40 | 39 | 35 | 30 | 25 | 20 | 18 | 17 | 18 | 22 | 27 | 32 | 35 | 37 | 36 | 34 | 31 | 28 | 27 | 27 | 713 | 29.7 |   | 3:57  | 40  | 17:16 | 37 | *  | *  | *  | *  | *     | *     | 10:52 | 17    | 22:21 | 26 | * | * | * | * | * |
| 12 | 29   | 33 | 37 | 40 | 42 | 42 | 39 | 35 | 29 | 23 | 19 | 16 | 16 | 18 | 22 | 26 | 30 | 33 | 35 | 34 | 32 | 30 | 29 | 29 | 718 | 29.9 |   | 4:21  | 42  | 18:11 | 35 | *  | *  | *  | *  | *     | *     | 11:43 | 16    | 22:32 | 29 | * | * | * | * | * |
| 13 | 30   | 33 | 37 | 41 | 43 | 44 | 43 | 39 | 34 | 28 | 22 | 18 | 16 | 16 | 18 | 22 | 26 | 29 | 32 | 33 | 32 | 31 | 30 | 30 | 727 | 30.3 |   | 4:47  | 44  | 19:9  | 33 | *  | *  | *  | *  | *     | *     | 12:33 | 16    | 22:35 | 30 | * | * | * | * | * |
| 14 | 31   | 34 | 37 | 41 | 44 | 45 | 44 | 42 | 38 | 32 | 27 | 22 | 18 | 16 | 17 | 19 | 22 | 25 | 28 | 30 | 31 | 31 | 31 | 31 | 736 | 30.7 |   | 5:14  | 45  | *     | *  | *  | *  | *  | *  | 13:24 | 16    | *     | *     | *     | *  | * | * |   |   |   |
| 15 | 32   | 34 | 37 | 40 | 43 | 45 | 45 | 43 | 40 | 36 | 31 | 26 | 22 | 19 | 18 | 18 | 20 | 22 | 25 | 27 | 29 | 30 | 31 | 32 | 745 | 31.0 |   | 5:42  | 45  | *     | *  | *  | *  | *  | *  | 14:21 | 18    | *     | *     | *     | *  | * | * |   |   |   |
| 16 | 32   | 34 | 36 | 38 | 41 | 43 | 44 | 43 | 41 | 38 | 34 | 30 | 26 | 23 | 20 | 19 | 19 | 20 | 22 | 24 | 27 | 29 | 30 | 31 | 744 | 31.0 |   | 6:10  | 44  | *     | *  | *  | *  | *  | *  | 15:26 | 19    | *     | *     | *     | *  | * | * |   |   |   |
| 17 | 32   | 33 | 35 | 37 | 39 | 40 | 41 | 42 | 41 | 39 | 36 | 33 | 30 | 26 | 23 | 21 | 20 | 19 | 20 | 22 | 24 | 26 | 28 | 30 | 737 | 30.7 | U | 6:40  | 42  | *     | *  | *  | *  | *  | *  | 16:44 | 19    | *     | *     | *     | *  | * | * |   |   |   |
| 18 | 32   | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 39 | 38 | 36 | 34 | 32 | 29 | 26 | 23 | 21 | 20 | 19 | 20 | 21 | 24 | 26 | 29 | 721 | 30.0 |   | 7:17  | 39  | *     | *  | *  | *  | *  | *  | 17:58 | 19    | *     | *     | *     | *  | * | * |   |   |   |
| 19 | 31   | 32 | 33 | 33 | 34 | 34 | 35 | 36 | 36 | 36 | 35 | 34 | 33 | 31 | 28 | 26 | 23 | 21 | 20 | 19 | 20 | 22 | 24 | 27 | 703 | 29.3 |   | 8:33  | 36  | *     | *  | *  | *  | *  | *  | 18:52 | 19    | *     | *     | *     | *  | * | * |   |   |   |
| 20 | 29   | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 34 | 34 | 33 | 32 | 30 | 28 | 25 | 22 | 20 | 19 | 19 | 20 | 23 | 26 | 682 | 28.4 |   | 10:41 | 34  | *     | *  | *  | *  | *  | *  | 19:31 | 19    | *     | *     | *     | *  | * | * |   |   |   |
| 21 | 28   | 30 | 31 | 31 | 30 | 30 | 29 | 28 | 29 | 30 | 31 | 32 | 33 | 32 | 31 | 29 | 27 | 24 | 21 | 19 | 19 | 19 | 22 | 24 | 659 | 27.5 |   | 2:33  | 31  | 12:13 | 33 | *  | *  | *  | *  | *     | 6:59  | 28    | 20:0  | 19    | *  | * | * | * | * |   |
| 22 | 27   | 30 | 31 | 31 | 30 | 28 | 27 | 25 | 25 | 26 | 27 | 30 | 31 | 32 | 32 | 31 | 29 | 26 | 23 | 21 | 19 | 19 | 21 | 24 | 645 | 26.9 |   | 2:29  | 31  | 13:21 | 32 | *  | *  | *  | *  | *     | 7:46  | 25    | 20:24 | 19    | *  | * | * | * | * |   |
| 23 | 27   | 30 | 32 | 32 | 31 | 28 | 25 | 23 | 22 | 22 | 24 | 26 | 29 | 31 | 32 | 32 | 31 | 28 | 25 | 22 | 21 | 20 | 21 | 24 | 638 | 26.6 |   | 2:35  | 32  | 14:21 | 33 | *  | *  | *  | *  | *     | 8:27  | 22    | 20:46 | 20    | *  | * | * | * | * |   |
| 24 | 28   | 31 | 33 | 34 | 32 | 30 | 26 | 22 | 20 | 19 | 19 | 22 | 25 | 29 | 32 | 33 | 32 | 31 | 28 | 25 | 23 | 22 | 22 | 25 | 643 | 26.8 |   | 2:47  | 34  | 15:17 | 33 | *  | *  | *  | *  | *     | 9:8   | 19    | 21:6  | 22    | *  | * | * | * | * |   |
| 25 | 28   | 32 | 35 | 36 | 35 | 32 | 28 | 23 | 19 | 17 | 16 | 17 | 21 | 25 | 29 | 32 | 33 | 33 | 31 | 28 | 25 | 24 | 24 | 26 | 649 | 27.0 | F | 3:3   | 36  | 16:12 | 33 | *  | *  | *  | *  | *     | 9:50  | 16    | 21:23 | 24    | *  | * | * | * | * |   |
| 26 | 29   | 34 | 37 | 39 | 39 | 36 | 32 | 26 | 21 | 16 | 14 | 14 | 16 | 20 | 25 | 30 | 32 | 33 | 33 | 31 | 28 | 27 | 26 | 28 | 666 | 27.8 |   | 3:22  | 39  | 17:6  | 33 | *  | *  | *  | *  | *     | 10:34 | 14    | 21:37 | 26    | *  | * | * | * | * |   |
| 27 | 31   | 35 | 39 | 41 | 42 | 40 | 36 | 31 | 24 | 18 | 14 | 12 | 13 | 16 | 20 | 25 | 29 | 32 | 33 | 32 | 31 | 29 | 29 | 29 | 681 | 28.4 |   | 3:45  | 42  | 18:1  | 33 | *  | *  | *  | *  | *     | 11:18 | 12    | 21:48 | 29    | *  | * | * | * | * |   |
| 28 | 32   | 35 | 40 | 43 | 45 | 44 | 41 | 36 | 29 | 22 | 16 | 13 | 11 | 12 | 16 | 21 | 25 | 29 | 31 | 32 | 32 | 31 | 30 | 31 | 697 | 29.0 |   | 4:12  | 45  | 19:0  | 32 | *  | *  | *  | *  | *     | 12:5  | #11   | 21:57 | 30    | *  | * | * | * | * |   |
| 29 | 33   | 35 | 39 | 43 | 46 | 46 | 44 | 40 | 34 | 27 | 21 | 16 | 12 | 11 | 13 | 16 | 21 | 25 | 28 | 30 | 31 | 31 | 31 | 31 | 704 | 29.3 |   | 4:43  | 46  | *     | *  | *  | *  | *  | *  | 12:55 | #11   | *     | *     | *     | *  | * | * |   |   |   |
| 30 | 33   | 35 | 38 | 42 | 45 | 47 | 46 | 44 | 39 | 33 | 26 | 20 | 16 | 13 | 12 | 13 | 17 | 20 | 24 | 27 | 29 | 30 | 30 | 31 | 710 | 29.6 |   | 5:19  | #47 | *     | *  | *  | *  | *  | *  | 13:50 | 12    | *     | *     | *     | *  | * | * |   |   |   |
| 31 | 32   | 34 | 36 | 39 | 42 | 44 | 45 | 44 | 42 | 37 | 32 | 26 | 21 | 17 | 14 | 13 | 14 | 17 | 20 | 23 | 26 | 28 | 29 | 30 | 705 | 29.4 |   | 6:2   | 45  | *     | *  | *  | *  | *  | *  | 14:54 | 13    | *     | *     | *     | *  | * | * |   |   |   |

| 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      | 22096        | 29.7          | 30日5時19分 | 47 | 1  | 29日12時55分 | 11 | 2  |

# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018 年 11 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 満潮   |      |      |       |       |       | 干潮 |    |    |    |       |       |       |       |       |       |    |   |   |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|------|-------|-------|-------|----|----|----|----|-------|-------|-------|-------|-------|-------|----|---|---|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月    | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位    | 時刻    | 潮位    | 時刻    | 潮位    | 時刻    | 潮位 |   |   |   |   |
| 1  | 31   | 32 | 34 | 36 | 38 | 40 | 42 | 42 | 42 | 39 | 36 | 31 | 26 | 22 | 18 | 16 | 15 | 15 | 17 | 20 | 22 | 25 | 27 | 29  | 695  | 29.0 | L    | 6:58  | 42    | *     | *  | *  | *  | *  | *     | *     | 16: 7 | 15    | *     | *     | *  | * | * | * |   |
| 2  | 30   | 31 | 31 | 32 | 34 | 35 | 37 | 38 | 39 | 38 | 37 | 35 | 31 | 27 | 23 | 20 | 17 | 16 | 16 | 17 | 20 | 23 | 26 | 28  | 681  | 28.4 |      | 8:23  | 39    | *     | *  | *  | *  | *  | *     | *     | 17:25 | 16    | *     | *     | *  | * | * | * |   |
| 3  | 29   | 30 | 30 | 30 | 30 | 30 | 31 | 32 | 33 | 35 | 35 | 35 | 34 | 31 | 28 | 24 | 21 | 18 | 17 | 17 | 18 | 21 | 24 | 27  | 660  | 27.5 |      | 10:20 | 36    | *     | *  | *  | *  | *  | *     | *     | 18:30 | 17    | *     | *     | *  | * | * | * |   |
| 4  | 29   | 30 | 30 | 29 | 28 | 26 | 26 | 26 | 27 | 29 | 31 | 33 | 34 | 33 | 31 | 29 | 25 | 22 | 19 | 18 | 18 | 20 | 23 | 27  | 643  | 26.8 |      | 1:25  | 30    | 12: 8 | 34 | *  | *  | *  | *     | *     | *     | 6:24  | 26    | 19:18 | 18 | * | * | * | * |
| 5  | 29   | 31 | 31 | 30 | 27 | 25 | 23 | 21 | 21 | 23 | 25 | 28 | 31 | 33 | 33 | 31 | 29 | 25 | 23 | 21 | 20 | 21 | 24 | 27  | 632  | 26.3 |      | 1:34  | 31    | 13:34 | 33 | *  | *  | *  | *     | *     | *     | 7:35  | 21    | 19:53 | 20 | * | * | * | * |
| 6  | 30   | 33 | 33 | 32 | 29 | 26 | 22 | 19 | 17 | 17 | 19 | 23 | 27 | 30 | 32 | 33 | 31 | 29 | 26 | 23 | 22 | 23 | 25 | 28  | 629  | 26.2 |      | 1:50  | 33    | 14:44 | 33 | *  | *  | *  | *     | *     | *     | 8:29  | 17    | 20:17 | 22 | * | * | * | * |
| 7  | 32   | 35 | 36 | 35 | 33 | 28 | 23 | 19 | 15 | 14 | 14 | 17 | 21 | 26 | 30 | 32 | 32 | 31 | 29 | 26 | 25 | 25 | 26 | 29  | 633  | 26.4 |      | 2: 9  | 36    | 15:45 | 32 | *  | *  | *  | *     | *     | *     | 9:16  | 14    | 20:34 | 24 | * | * | * | * |
| 8  | 33   | 37 | 39 | 39 | 37 | 33 | 27 | 21 | 16 | 13 | 12 | 13 | 16 | 21 | 26 | 30 | 32 | 32 | 31 | 29 | 27 | 27 | 28 | 30  | 649  | 27.0 | N    | 2:31  | 39    | 16:39 | 32 | *  | *  | *  | *     | *     | *     | 10: 1 | 12    | 20:47 | 27 | * | * | * | * |
| 9  | 34   | 38 | 41 | 42 | 41 | 37 | 32 | 25 | 19 | 14 | 11 | 11 | 13 | 17 | 22 | 26 | 30 | 32 | 32 | 30 | 29 | 28 | 29 | 31  | 664  | 27.7 |      | 2:56  | 42    | 17:30 | 32 | *  | *  | *  | *     | *     | *     | 10:44 | 10    | 21: 2 | 28 | * | * | * | * |
| 10 | 34   | 38 | 42 | 44 | 44 | 41 | 37 | 30 | 24 | 17 | 13 | 11 | 11 | 13 | 18 | 23 | 27 | 30 | 32 | 31 | 30 | 30 | 31 | 681 | 28.4 |      | 3:23 | 44    | 18:21 | 32    | *  | *  | *  | *  | *     | *     | 11:26 | 10    | 21:18 | 30    | *  | * | * | * |   |
| 11 | 34   | 38 | 42 | 44 | 45 | 44 | 40 | 35 | 28 | 22 | 16 | 12 | 11 | 12 | 15 | 19 | 24 | 28 | 30 | 31 | 31 | 30 | 31 | 692 | 28.8 |      | 3:51 | 45    | 19:16 | 31    | *  | *  | *  | *  | *     | *     | 12: 8 | 11    | 21:30 | 30    | *  | * | * | * |   |
| 12 | 34   | 37 | 40 | 43 | 45 | 45 | 42 | 38 | 32 | 26 | 20 | 16 | 13 | 12 | 13 | 17 | 20 | 24 | 28 | 30 | 30 | 30 | 31 | 696 | 29.0 |      | 4:20 | 45    | *     | *     | *  | *  | *  | *  | 12:51 | 12    | *     | *     | *     | *     | *  | * |   |   |   |
| 13 | 33   | 35 | 38 | 41 | 43 | 44 | 42 | 39 | 35 | 29 | 24 | 19 | 16 | 14 | 14 | 15 | 18 | 21 | 24 | 27 | 29 | 29 | 30 | 689 | 28.7 |      | 4:47 | 44    | *     | *     | *  | *  | *  | *  | 13:35 | 13    | *     | *     | *     | *     | *  | * |   |   |   |
| 14 | 32   | 33 | 35 | 38 | 40 | 41 | 40 | 39 | 35 | 31 | 27 | 22 | 19 | 16 | 15 | 16 | 19 | 21 | 24 | 26 | 28 | 29 | 29 | 670 | 27.9 |      | 5:12 | 41    | *     | *     | *  | *  | *  | *  | 14:23 | 15    | *     | *     | *     | *     | *  | * |   |   |   |
| 15 | 30   | 31 | 33 | 34 | 36 | 37 | 37 | 36 | 34 | 32 | 28 | 25 | 21 | 19 | 17 | 16 | 16 | 17 | 19 | 21 | 24 | 26 | 27 | 28  | 644  | 26.8 | U    | 5:37  | 37    | *     | *  | *  | *  | *  | *     | 15:16 | 16    | *     | *     | *     | *  | * | * |   |   |
| 16 | 29   | 30 | 30 | 31 | 32 | 33 | 34 | 33 | 32 | 31 | 28 | 26 | 23 | 21 | 19 | 17 | 17 | 17 | 18 | 19 | 21 | 23 | 25 | 27  | 616  | 25.7 |      | 6: 2  | 34    | *     | *  | *  | *  | *  | *     | 16:17 | 16    | *     | *     | *     | *  | * | * |   |   |
| 17 | 28   | 28 | 28 | 29 | 29 | 29 | 30 | 30 | 29 | 29 | 27 | 26 | 24 | 22 | 20 | 19 | 17 | 17 | 17 | 18 | 20 | 22 | 24 | 26  | 588  | 24.5 |      | 6:37  | 30    | *     | *  | *  | *  | *  | *     | 17:15 | 17    | *     | *     | *     | *  | * | * |   |   |
| 18 | 27   | 27 | 27 | 27 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 25 | 23 | 22 | 20 | 19 | 18 | 17 | 18 | 19 | 21 | 24 | 26  | 568  | 23.7 |      | 1: 9  | 28    | *     | *  | *  | *  | *  | *     | 18: 1 | 17    | *     | *     | *     | *  | * | * |   |   |
| 19 | 27   | 28 | 27 | 26 | 25 | 23 | 22 | 22 | 22 | 23 | 24 | 25 | 25 | 25 | 24 | 22 | 20 | 19 | 18 | 18 | 19 | 21 | 24 | 26  | 555  | 23.1 |      | 1: 0  | 28    | 11:57 | 25 | *  | *  | *  | *     | *     | *     | 7: 7  | 22    | 18:34 | 18 | * | * | * | * |
| 20 | 28   | 29 | 29 | 27 | 25 | 22 | 20 | 18 | 18 | 19 | 21 | 23 | 24 | 25 | 25 | 24 | 23 | 21 | 20 | 19 | 20 | 22 | 24 | 28  | 554  | 23.1 |      | 1: 6  | 29    | 13:25 | 25 | *  | *  | *  | *     | *     | *     | 7:44  | 18    | 19: 1 | 19 | * | * | * | * |
| 21 | 30   | 31 | 31 | 29 | 26 | 22 | 19 | 16 | 15 | 15 | 17 | 20 | 23 | 25 | 26 | 26 | 25 | 24 | 22 | 21 | 21 | 23 | 26 | 29  | 562  | 23.4 |      | 1:19  | 32    | 14:35 | 27 | *  | *  | *  | *     | *     | *     | 8:21  | 15    | 19:24 | 21 | * | * | * | * |
| 22 | 32   | 34 | 35 | 33 | 30 | 25 | 20 | 16 | 13 | 12 | 13 | 16 | 20 | 23 | 26 | 28 | 28 | 27 | 25 | 24 | 24 | 25 | 27 | 31  | 587  | 24.5 |      | 1:37  | 35    | 15:36 | 28 | *  | *  | *  | *     | *     | *     | 8:59  | 12    | 19:44 | 24 | * | * | * | * |
| 23 | 35   | 38 | 39 | 37 | 34 | 29 | 23 | 17 | 12 | 10 | 9  | 11 | 15 | 20 | 24 | 28 | 29 | 29 | 28 | 27 | 26 | 27 | 29 | 32  | 608  | 25.3 | F    | 1:59  | 39    | 16:32 | 29 | *  | *  | *  | *     | *     | *     | 9:39  | 9     | 20: 2 | 26 | * | * | * | * |
| 24 | 36   | 40 | 42 | 42 | 39 | 35 | 28 | 21 | 14 | 9  | 7  | 7  | 11 | 16 | 21 | 25 | 29 | 30 | 30 | 29 | 28 | 28 | 30 | 33  | 630  | 26.3 |      | 2:25  | 42    | 17:26 | 30 | *  | *  | *  | *     | *     | *     | 10:21 | 7     | 20:22 | 28 | * | * | * | * |
| 25 | 37   | 41 | 45 | 46 | 44 | 40 | 34 | 26 | 18 | 12 | 7  | 6  | 7  | 11 | 16 | 22 | 26 | 29 | 30 | 30 | 29 | 29 | 30 | 32  | 647  | 27.0 |      | 2:57  | 46    | 18:18 | 30 | *  | *  | *  | *     | *     | *     | 11: 5 | 6     | 20:44 | 29 | * | * | * | * |
| 26 | 36   | 40 | 45 | 47 | 47 | 45 | 40 | 32 | 24 | 16 | 10 | 6  | 5  | 7  | 11 | 17 | 22 | 26 | 29 | 30 | 30 | 29 | 30 | 31  | 655  | 27.3 |      | 3:33  | #48   | *     | *  | *  | *  | *  | *     | 11:52 | #5    | *     | *     | *     | *  | * | * |   |   |
| 27 | 34   | 38 | 42 | 46 | 48 | 47 | 44 | 38 | 31 | 23 | 15 | 10 | 7  | 6  | 8  | 13 | 18 | 22 | 26 | 28 | 29 | 29 | 30 | 661 | 27.5 |      | 4:14 | #48   | *     | *     | *  | *  | *  | *  | 12:41 | 6     | *     | *     | *     | *     | *  | * |   |   |   |
| 28 | 31   | 34 | 38 | 42 | 45 | 46 | 45 | 41 | 36 | 29 | 21 | 15 | 10 | 8  | 8  | 10 | 14 | 18 | 22 | 25 | 27 | 27 | 28 | 28  | 648  | 27.0 |      | 5: 0  | 46    | *     | *  | *  | *  | *  | *     | 13:34 | 8     | *     | *     | *     | *  | * | * |   |   |
| 29 | 29   | 30 | 33 | 36 | 39 | 41 | 42 | 41 | 38 | 33 | 27 | 21 | 16 | 12 | 10 | 10 | 12 | 15 | 18 | 22 | 24 | 26 | 27 | 628 | 26.2 |      | 5:53 | 42    | *     | *     | *  | *  | *  | *  | 14:32 | 10    | *     | *     | *     | *     | *  | * |   |   |   |
| 30 | 27   | 27 | 28 | 30 | 32 | 35 | 36 | 37 | 36 | 34 | 30 | 26 | 21 | 17 | 14 | 12 | 12 | 13 | 16 | 19 | 22 | 24 | 26 | 26  | 600  | 25.0 | L    | 7: 0  | 37    | 23:19 | 26 | *  | *  | *  | *     | *     | *     | 15:34 | 12    | *     | *  | * | * | * | * |

| 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 | 19065 | 26.5 | 27日4時14分 | 48 | 2  | 26日11時52分 | 5  | 1  |

# 推算潮位（毎時・満干潮）

地点名：江差

緯度：41°52' N

経度：140°8' E

潮位表基準面の零点：平均海面下 24.0(cm)

2018年12月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 満潮   |      |      |       |       |       |    |    | 干潮    |       |       |       |       |       |    |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|------|-------|-------|-------|----|----|-------|-------|-------|-------|-------|-------|----|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月    | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位    | 時刻    | 潮位    | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 26   | 26 | 26 | 26 | 26 | 28 | 29 | 30 | 31 | 31 | 30 | 28 | 25 | 22 | 19 | 16 | 14 | 14 | 15 | 18 | 20 | 23 | 25 | 26  | 574  | 23.9 |      | 8:35  | 32    | 23:41 | 26 | *  | *     | *     | *     | 2: 8  | 26    | 16:38 | 14 | *  | *  | *  | *  |
| 2  | 26   | 26 | 25 | 23 | 22 | 22 | 22 | 23 | 25 | 27 | 28 | 28 | 27 | 25 | 22 | 20 | 18 | 17 | 17 | 18 | 20 | 23 | 25 | 27  | 556  | 23.2 |      | 10:39 | 28    | *     | *  | *  | *     | 5: 4  | 22    | 17:34 | 16    | *     | *  | *  | *  |    |    |
| 3  | 28   | 27 | 26 | 24 | 21 | 19 | 18 | 18 | 19 | 20 | 23 | 25 | 26 | 26 | 25 | 23 | 21 | 20 | 19 | 19 | 21 | 23 | 26 | 29  | 546  | 22.8 |      | 0: 5  | 28    | 12:33 | 26 | *  | *     | *     | *     | 6:43  | 17    | 18:14 | 19 | *  | *  | *  | *  |
| 4  | 30   | 30 | 29 | 26 | 22 | 19 | 16 | 14 | 14 | 15 | 17 | 21 | 23 | 25 | 26 | 25 | 24 | 22 | 21 | 21 | 22 | 24 | 27 | 31  | 544  | 22.7 |      | 0:28  | 30    | 14: 1 | 26 | *  | *     | *     | *     | 7:44  | 13    | 18:38 | 21 | *  | *  | *  | *  |
| 5  | 33   | 33 | 32 | 29 | 25 | 21 | 16 | 13 | 11 | 11 | 13 | 16 | 20 | 23 | 25 | 26 | 26 | 25 | 24 | 23 | 24 | 26 | 29 | 32  | 556  | 23.2 |      | 0:52  | 33    | 15:11 | 26 | *  | *     | *     | *     | 8:32  | 10    | 18:55 | 23 | *  | *  | *  | *  |
| 6  | 35   | 37 | 36 | 34 | 30 | 25 | 19 | 14 | 10 | 9  | 9  | 12 | 16 | 20 | 24 | 26 | 27 | 27 | 26 | 25 | 25 | 27 | 30 | 33  | 576  | 24.0 |      | 1:17  | 37    | 16: 7 | 27 | *  | *     | *     | *     | 9:14  | 9     | 19:13 | 25 | *  | *  | *  | *  |
| 7  | 37   | 39 | 40 | 38 | 35 | 29 | 23 | 17 | 12 | 9  | 8  | 9  | 13 | 17 | 22 | 25 | 27 | 28 | 27 | 27 | 26 | 28 | 30 | 34  | 600  | 25.0 | N    | 1:45  | 40    | 16:55 | 28 | *  | *     | *     | *     | 9:54  | 8     | 19:37 | 26 | *  | *  | *  | *  |
| 8  | 37   | 41 | 42 | 42 | 39 | 34 | 28 | 21 | 15 | 10 | 8  | 7  | 10 | 14 | 19 | 24 | 27 | 28 | 29 | 28 | 27 | 28 | 30 | 33  | 621  | 25.9 |      | 2:15  | 42    | 17:38 | 29 | *  | *     | *     | *     | 10:32 | 7     | 20: 5 | 27 | *  | *  | *  | *  |
| 9  | 37   | 40 | 43 | 44 | 42 | 38 | 33 | 26 | 19 | 13 | 9  | 7  | 8  | 11 | 16 | 21 | 25 | 28 | 29 | 29 | 28 | 28 | 29 | 32  | 635  | 26.5 |      | 2:47  | 44    | 18:18 | 29 | *  | *     | *     | *     | 11: 9 | 7     | 20:36 | 28 | *  | *  | *  | *  |
| 10 | 35   | 39 | 42 | 44 | 43 | 41 | 36 | 30 | 23 | 17 | 12 | 9  | 8  | 10 | 13 | 18 | 22 | 26 | 28 | 29 | 28 | 28 | 28 | 30  | 639  | 26.6 |      | 3:20  | 44    | 18:59 | 29 | *  | *     | *     | *     | 11:47 | 8     | 21: 5 | 28 | *  | *  | *  | *  |
| 11 | 32   | 36 | 39 | 42 | 43 | 41 | 38 | 33 | 27 | 20 | 15 | 11 | 9  | 9  | 11 | 15 | 19 | 23 | 26 | 27 | 27 | 27 | 28 | 625 | 26.0 |      | 3:51 | 43    | *     | *     | *  | *  | 12:24 | 9     | *     | *     | *     | *     | *  | *  |    |    |    |
| 12 | 30   | 32 | 36 | 38 | 40 | 40 | 38 | 34 | 29 | 23 | 18 | 14 | 11 | 10 | 11 | 13 | 16 | 20 | 23 | 25 | 26 | 26 | 26 | 605 | 25.2 |      | 4:22 | 40    | *     | *     | *  | *  | 13: 2 | 10    | *     | *     | *     | *     | *  | *  |    |    |    |
| 13 | 27   | 29 | 31 | 34 | 36 | 37 | 36 | 33 | 29 | 25 | 20 | 16 | 13 | 11 | 11 | 12 | 14 | 17 | 20 | 22 | 24 | 24 | 24 | 569 | 23.7 |      | 4:53 | 37    | *     | *     | *  | *  | 13:39 | 11    | *     | *     | *     | *     | *  | *  |    |    |    |
| 14 | 25   | 26 | 27 | 29 | 31 | 32 | 32 | 31 | 28 | 25 | 21 | 17 | 15 | 12 | 12 | 13 | 15 | 18 | 20 | 22 | 23 | 23 | 23 | 532 | 22.2 |      | 5:24 | 33    | *     | *     | *  | *  | 14:17 | 11    | *     | *     | *     | *     | *  | *  |    |    |    |
| 15 | 23   | 24 | 24 | 25 | 27 | 28 | 28 | 28 | 26 | 24 | 22 | 19 | 16 | 14 | 13 | 12 | 13 | 14 | 16 | 18 | 20 | 22 | 23 | 23  | 502  | 20.9 | U    | 6: 0  | 28    | 22:51 | 23 | *  | *     | *     | *     | 14:56 | 12    | *     | *  | *  | *  | *  | *  |
| 16 | 23   | 22 | 22 | 22 | 23 | 23 | 24 | 24 | 24 | 23 | 21 | 19 | 17 | 16 | 14 | 13 | 13 | 14 | 15 | 17 | 19 | 21 | 23 | 23  | 475  | 19.8 |      | 6:52  | 24    | 23:11 | 23 | *  | *     | *     | *     | 2:11  | 22    | 15:36 | 13 | *  | *  | *  | *  |
| 17 | 23   | 22 | 21 | 20 | 20 | 20 | 20 | 20 | 21 | 21 | 21 | 20 | 19 | 17 | 16 | 15 | 15 | 15 | 16 | 17 | 20 | 22 | 24 | 25  | 470  | 19.6 |      | 8:57  | 21    | 23:32 | 25 | *  | *     | *     | *     | 4:55  | 20    | 16:17 | 14 | *  | *  | *  | *  |
| 18 | 25   | 24 | 22 | 20 | 18 | 17 | 16 | 16 | 17 | 18 | 19 | 20 | 20 | 19 | 18 | 17 | 17 | 16 | 17 | 18 | 20 | 23 | 26 | 27  | 470  | 19.6 |      | 11:40 | 20    | 23:53 | 28 | *  | *     | *     | *     | 6:30  | 16    | 16:54 | 16 | *  | *  | *  | *  |
| 19 | 28   | 27 | 25 | 22 | 19 | 16 | 14 | 13 | 13 | 14 | 16 | 18 | 20 | 21 | 21 | 20 | 19 | 19 | 19 | 20 | 22 | 25 | 28 | 30  | 489  | 20.4 |      | 13:32 | 21    | *     | *  | *  | *     | 7:20  | 13    | 17:25 | 19    | *     | *  | *  | *  |    |    |
| 20 | 31   | 31 | 29 | 25 | 21 | 17 | 13 | 11 | 10 | 10 | 13 | 16 | 19 | 21 | 22 | 23 | 22 | 22 | 22 | 24 | 26 | 30 | 33 | 513 | 21.4 |      | 0:16 | 32    | 14:54 | 23    | *  | *  | *     | *     | 8: 2  | 10    | 17:53 | 22    | *  | *  | *  | *  |    |
| 21 | 35   | 36 | 34 | 30 | 25 | 20 | 14 | 10 | 7  | 7  | 8  | 12 | 16 | 20 | 23 | 24 | 25 | 24 | 24 | 24 | 25 | 28 | 31 | 35  | 537  | 22.4 |      | 0:42  | 36    | 15:59 | 25 | *  | *     | *     | *     | 8:43  | 7     | 18:21 | 24 | *  | *  | *  | *  |
| 22 | 38   | 40 | 39 | 36 | 31 | 25 | 18 | 11 | 7  | 4  | 5  | 7  | 12 | 17 | 21 | 24 | 26 | 26 | 26 | 26 | 26 | 28 | 31 | 36  | 560  | 23.3 |      | 1:13  | 40    | *     | *  | *  | *     | 9:25  | 4     | *     | *     | *     | *  | *  | *  |    |    |
| 23 | 40   | 43 | 44 | 42 | 38 | 31 | 23 | 16 | 9  | 4  | 2  | 3  | 7  | 12 | 18 | 22 | 25 | 27 | 27 | 27 | 27 | 28 | 30 | 34  | 579  | 24.1 | F    | 1:50  | 44    | *     | *  | *  | *     | 10: 9 | 2     | *     | *     | *     | *  | *  | *  |    |    |
| 24 | 39   | 43 | 46 | 46 | 43 | 38 | 30 | 22 | 13 | 7  | 3  | 1  | 3  | 8  | 13 | 19 | 23 | 26 | 27 | 27 | 26 | 26 | 28 | 31  | 588  | 24.5 |      | 2:33  | 46    | 18:15 | 27 | *  | *     | *     | *     | 10:55 | # 1   | 20:17 | 26 | *  | *  | *  | *  |
| 25 | 35   | 40 | 44 | 46 | 46 | 43 | 37 | 29 | 20 | 12 | 6  | 2  | 2  | 4  | 9  | 14 | 19 | 23 | 25 | 26 | 25 | 25 | 25 | 27  | 584  | 24.3 |      | 3:20  | # 47  | 18:51 | 26 | *  | *     | *     | *     | 11:43 | 2     | 21: 6 | 25 | *  | *  | *  | *  |
| 26 | 30   | 35 | 39 | 43 | 45 | 44 | 41 | 35 | 27 | 18 | 11 | 6  | 3  | 3  | 6  | 10 | 15 | 20 | 23 | 24 | 24 | 23 | 23 | 23  | 571  | 23.8 |      | 4:12  | 45    | 19:28 | 24 | *  | *     | *     | *     | 12:32 | 3     | 22: 3 | 23 | *  | *  | *  | *  |
| 27 | 25   | 28 | 32 | 37 | 40 | 41 | 41 | 37 | 32 | 25 | 17 | 11 | 7  | 5  | 5  | 8  | 12 | 16 | 20 | 22 | 23 | 23 | 22 | 21  | 550  | 22.9 |      | 5: 8  | 41    | 20: 7 | 23 | *  | *     | *     | *     | 13:22 | 5     | 23:12 | 21 | *  | *  | *  | *  |
| 28 | 21   | 23 | 25 | 29 | 32 | 35 | 36 | 36 | 33 | 28 | 23 | 17 | 12 | 9  | 7  | 8  | 10 | 14 | 17 | 20 | 22 | 22 | 20 | 521 | 21.7 |      | 6:10 | 36    | 20:49 | 22    | *  | *  | *     | *     | 14:12 | 7     | *     | *     | *  | *  | *  | *  |    |
| 29 | 20   | 19 | 20 | 22 | 24 | 27 | 29 | 30 | 30 | 28 | 25 | 21 | 17 | 13 | 11 | 10 | 11 | 13 | 16 | 19 | 21 | 22 | 21 | 491 | 20.5 | L    | 7:21 | 31    | 21:33 | 23    | *  | *  | *     | *     | 0:48  | 19    | 15: 1 | 10    | *  | *  | *  | *  |    |
| 30 | 20   | 19 | 18 | 17 | 18 | 20 | 21 | 23 | 25 | 25 | 24 | 23 | 20 | 17 | 15 | 13 | 13 | 14 | 16 | 18 | 21 | 23 | 24 | 23  | 470  | 19.6 |      | 8:53  | 25    | 22:17 | 24 | *  | *     | *     | *     | 2:49  | 17    | 15:46 | 13 | *  | *  | *  | *  |
| 31 | 22   | 20 | 18 | 16 | 15 | 14 | 15 | 16 | 18 | 20 | 21 | 21 | 21 | 19 | 18 | 16 | 16 | 16 | 17 | 19 | 21 | 24 | 25 | 26  | 454  | 18.9 |      | 10:51 | 21    | 22:59 | 26 | *  | *     | *     | *     | 4:56  | 14    | 16:24 | 16 | *  | *  | *  | *  |

| 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      | 17002        | 22.9          | 25日3時20分 | 47 | 1  | 24日10時55分 | 1  | 1  |