

# 推算潮位 ( 毎時・満干潮 )

地点名: 吉岡

緯度: 41 °27 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 45.0(cm)

2013 年 1 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮 |      |      |   |       |    |       |      | 干潮 |    |       |    |       |    |       |     |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---|-------|----|-------|------|----|----|-------|----|-------|----|-------|-----|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位 | 時刻    | 潮位   | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 13   | 12 | 16 | 25 | 37 | 47 | 54 | 55 | 52 | 46 | 39 | 35 | 33 | 36 | 43 | 52 | 62 | 68 | 70 | 66 | 58 | 47 | 36 | 25 | 1027 | 42.8 |   | 6:47  | 55 | 17:48 | 70   | *  | *  | *     | *  | 0:44  | 12 | 11:48 | 33  | *  | *  | *  | *  |
| 2  | 18   | 15 | 16 | 23 | 33 | 44 | 52 | 56 | 55 | 50 | 43 | 37 | 34 | 34 | 37 | 44 | 53 | 61 | 65 | 65 | 60 | 52 | 41 | 31 | 1019 | 42.5 |   | 7:17  | 56 | 18:27 | 66   | *  | *  | *     | *  | 1:11  | 15 | 12:30 | 33  | *  | *  | *  | *  |
| 3  | 23   | 19 | 18 | 22 | 30 | 40 | 49 | 55 | 57 | 54 | 48 | 42 | 36 | 34 | 34 | 38 | 44 | 51 | 57 | 60 | 59 | 53 | 46 | 37 | 1006 | 41.9 |   | 7:50  | 57 | 19: 9 | 60   | *  | *  | *     | *  | 1:37  | 18 | 13:18 | 33  | *  | *  | *  | *  |
| 4  | 29   | 24 | 22 | 24 | 29 | 37 | 46 | 54 | 57 | 57 | 53 | 47 | 41 | 36 | 34 | 34 | 37 | 42 | 48 | 52 | 53 | 52 | 47 | 41 | 996  | 41.5 |   | 8:26  | 58 | 19:58 | 53   | *  | *  | *     | *  | 2: 3  | 22 | 14:21 | 34  | *  | *  | *  | *  |
| 5  | 35   | 29 | 27 | 27 | 30 | 36 | 43 | 51 | 57 | 60 | 58 | 54 | 48 | 42 | 37 | 34 | 34 | 35 | 38 | 41 | 45 | 46 | 45 | 42 | 994  | 41.4 | L | 9: 7  | 60 | 21: 7 | 46   | *  | *  | *     | *  | 2:31  | 26 | 15:52 | 33  | *  | *  | *  | *  |
| 6  | 39   | 35 | 32 | 31 | 32 | 35 | 41 | 49 | 56 | 61 | 62 | 61 | 56 | 50 | 44 | 38 | 34 | 31 | 30 | 31 | 34 | 37 | 39 | 40 | 998  | 41.6 |   | 9:57  | 62 | 23:29 | 40   | *  | *  | *     | *  | 3: 4  | 31 | 17:51 | 30  | *  | *  | *  | *  |
| 7  | 40   | 39 | 37 | 36 | 35 | 36 | 40 | 46 | 53 | 60 | 64 | 66 | 64 | 60 | 53 | 45 | 38 | 31 | 27 | 24 | 24 | 26 | 30 | 34 | 1008 | 42.0 |   | 10:58 | 66 | *     | *    | *  | *  | 3:49  | 35 | 19:34 | 24 | *     | *   | *  | *  |    |    |
| 8  | 37   | 40 | 41 | 40 | 39 | 39 | 40 | 43 | 49 | 56 | 63 | 68 | 70 | 69 | 64 | 56 | 47 | 37 | 28 | 21 | 17 | 16 | 19 | 24 | 1023 | 42.6 |   | 2: 6  | 41 | 12: 6 | 70   | *  | *  | *     | *  | 4:57  | 39 | 20:44 | 16  | *  | *  | *  | *  |
| 9  | 31   | 38 | 42 | 44 | 44 | 42 | 40 | 41 | 44 | 50 | 58 | 66 | 72 | 75 | 73 | 68 | 58 | 47 | 35 | 24 | 16 | 11 | 10 | 15 | 1044 | 43.5 |   | 3:13  | 44 | 13:11 | 75   | *  | *  | *     | *  | 6:16  | 40 | 21:36 | 10  | *  | *  | *  | *  |
| 10 | 22   | 32 | 40 | 46 | 47 | 46 | 42 | 40 | 40 | 44 | 50 | 59 | 68 | 76 | 79 | 77 | 70 | 59 | 45 | 31 | 19 | 10 | 6  | 7  | 1055 | 44.0 |   | 3:55  | 47 | 14: 9 | 79   | *  | *  | *     | *  | 7:28  | 40 | 22:19 | 6   | *  | *  | *  | *  |
| 11 | 14   | 24 | 36 | 45 | 50 | 50 | 46 | 41 | 38 | 38 | 42 | 49 | 60 | 71 | 79 | 82 | 79 | 70 | 57 | 42 | 27 | 15 | 7  | 4  | 1066 | 44.4 |   | 4:30  | 50 | 15: 1 | 82   | *  | *  | *     | *  | 8:31  | 37 | 22:58 | # 4 | *  | *  | *  | *  |
| 12 | 7    | 17 | 30 | 42 | 50 | 53 | 50 | 45 | 38 | 34 | 35 | 39 | 48 | 60 | 73 | 81 | 83 | 78 | 68 | 54 | 38 | 23 | 12 | 5  | 1063 | 44.3 | N | 5: 1  | 53 | 15:48 | # 83 | *  | *  | *     | *  | 9:29  | 34 | 23:33 | # 4 | *  | *  | *  | *  |
| 13 | 5    | 12 | 24 | 37 | 48 | 55 | 55 | 50 | 42 | 35 | 31 | 31 | 37 | 48 | 61 | 73 | 80 | 81 | 74 | 63 | 48 | 33 | 20 | 10 | 1053 | 43.9 |   | 5:32  | 55 | 16:33 | 81   | *  | *  | *     | *  | 10:22 | 30 | *     | *   | *  | *  | *  | *  |
| 14 | 7    | 10 | 19 | 33 | 46 | 55 | 58 | 55 | 48 | 39 | 31 | 28 | 30 | 36 | 48 | 61 | 72 | 77 | 75 | 68 | 56 | 42 | 28 | 17 | 1039 | 43.3 |   | 6: 2  | 58 | 17:16 | 77   | *  | *  | *     | *  | 0: 5  | 7  | 11:12 | 28  | *  | *  | *  | *  |
| 15 | 11   | 11 | 17 | 29 | 42 | 53 | 59 | 59 | 54 | 46 | 36 | 29 | 27 | 29 | 36 | 48 | 60 | 68 | 71 | 68 | 60 | 48 | 36 | 25 | 1022 | 42.6 |   | 6:33  | 60 | 17:58 | 71   | *  | *  | *     | *  | 0:33  | 11 | 12: 2 | 27  | *  | *  | *  | *  |
| 16 | 17   | 15 | 18 | 26 | 38 | 50 | 58 | 61 | 59 | 53 | 44 | 35 | 29 | 27 | 30 | 37 | 47 | 57 | 63 | 63 | 59 | 51 | 41 | 31 | 1009 | 42.0 |   | 7: 5  | 61 | 18:38 | 64   | *  | *  | *     | *  | 0:58  | 15 | 12:54 | 27  | *  | *  | *  | *  |
| 17 | 23   | 19 | 20 | 26 | 35 | 46 | 56 | 61 | 62 | 58 | 52 | 43 | 36 | 31 | 29 | 32 | 38 | 46 | 53 | 56 | 55 | 51 | 44 | 36 | 1008 | 42.0 |   | 7:40  | 62 | 19:18 | 56   | *  | *  | *     | *  | 1:20  | 19 | 13:50 | 29  | *  | *  | *  | *  |
| 18 | 29   | 24 | 24 | 27 | 33 | 42 | 52 | 59 | 62 | 61 | 57 | 51 | 44 | 37 | 33 | 32 | 33 | 37 | 43 | 47 | 49 | 47 | 43 | 38 | 1004 | 41.8 |   | 8:18  | 62 | 20: 1 | 49   | *  | *  | *     | *  | 1:41  | 23 | 14:58 | 32  | *  | *  | *  | *  |
| 19 | 33   | 29 | 27 | 29 | 33 | 40 | 48 | 55 | 60 | 62 | 61 | 57 | 51 | 45 | 40 | 36 | 33 | 33 | 35 | 39 | 41 | 42 | 41 | 39 | 1009 | 42.0 | U | 9: 2  | 62 | 20:56 | 42   | *  | *  | *     | *  | 2: 3  | 27 | 16:28 | 33  | *  | *  | *  | *  |
| 20 | 36   | 33 | 31 | 32 | 34 | 38 | 44 | 51 | 57 | 61 | 62 | 60 | 57 | 53 | 47 | 42 | 37 | 33 | 32 | 32 | 34 | 35 | 36 | 37 | 1014 | 42.3 |   | 9:55  | 62 | 23:16 | 37   | *  | *  | *     | *  | 2:27  | 31 | 18:20 | 32  | *  | *  | *  | *  |
| 21 | 37   | 36 | 36 | 35 | 36 | 38 | 42 | 47 | 53 | 58 | 61 | 62 | 61 | 59 | 54 | 49 | 42 | 36 | 31 | 28 | 27 | 28 | 31 | 33 | 1020 | 42.5 |   | 11: 5 | 62 | *     | *    | *  | *  | 2:57  | 35 | 19:55 | 27 | *     | *   | *  | *  |    |    |
| 22 | 36   | 38 | 39 | 39 | 39 | 39 | 41 | 44 | 49 | 54 | 58 | 62 | 63 | 63 | 61 | 56 | 49 | 41 | 34 | 28 | 24 | 23 | 24 | 28 | 1032 | 43.0 |   | 12:21 | 63 | *     | *    | *  | *  | 20:52 | 23 | *     | *  | *     | *   | *  | *  |    |    |
| 23 | 33   | 37 | 41 | 42 | 42 | 41 | 40 | 41 | 44 | 49 | 54 | 59 | 64 | 66 | 65 | 62 | 56 | 47 | 38 | 29 | 22 | 19 | 19 | 22 | 1032 | 43.0 |   | 3:19  | 42 | 13:20 | 66   | *  | *  | *     | *  | 5:56  | 40 | 21:31 | 18  | *  | *  | *  | *  |
| 24 | 28   | 35 | 41 | 45 | 45 | 44 | 42 | 40 | 41 | 44 | 49 | 55 | 62 | 66 | 68 | 67 | 62 | 54 | 44 | 33 | 24 | 17 | 15 | 17 | 1038 | 43.3 |   | 3:45  | 45 | 14: 6 | 68   | *  | *  | *     | *  | 7:12  | 40 | 22: 3 | 15  | *  | *  | *  | *  |
| 25 | 23   | 31 | 40 | 46 | 48 | 47 | 44 | 40 | 38 | 39 | 43 | 49 | 57 | 65 | 70 | 71 | 67 | 60 | 50 | 38 | 27 | 18 | 13 | 13 | 1037 | 43.2 |   | 4: 9  | 48 | 14:45 | 71   | *  | *  | *     | *  | 8:12  | 38 | 22:32 | 12  | *  | *  | *  | *  |
| 26 | 18   | 27 | 37 | 45 | 50 | 50 | 47 | 42 | 37 | 35 | 37 | 42 | 51 | 60 | 68 | 72 | 71 | 66 | 56 | 44 | 32 | 21 | 13 | 10 | 1031 | 43.0 |   | 4:32  | 50 | 15:22 | 72   | *  | *  | *     | *  | 9: 1  | 35 | 23: 0 | 10  | *  | *  | *  | *  |
| 27 | 13   | 22 | 33 | 43 | 50 | 52 | 50 | 44 | 38 | 33 | 32 | 36 | 43 | 53 | 63 | 70 | 73 | 70 | 62 | 50 | 38 | 25 | 16 | 11 | 1020 | 42.5 | F | 4:55  | 52 | 15:57 | 73   | *  | *  | *     | *  | 9:45  | 32 | 23:25 | 10  | *  | *  | *  | *  |
| 28 | 11   | 18 | 28 | 40 | 50 | 54 | 53 | 48 | 41 | 34 | 30 | 30 | 35 | 44 | 55 | 65 | 71 | 72 | 66 | 56 | 44 | 31 | 20 | 13 | 1009 | 42.0 |   | 5:19  | 54 | 16:33 | 72   | *  | *  | *     | *  | 10:27 | 29 | 23:49 | 11  | *  | *  | *  | *  |
| 29 | 11   | 15 | 25 | 37 | 48 | 54 | 56 | 52 | 44 | 36 | 30 | 27 | 29 | 36 | 46 | 57 | 66 | 70 | 68 | 61 | 49 | 37 | 25 | 17 | 996  | 41.5 |   | 5:43  | 56 | 17: 8 | 70   | *  | *  | *     | *  | 11: 6 | 27 | *     | *   | *  | *  | *  | *  |
| 30 | 13   | 15 | 22 | 33 | 45 | 54 | 58 | 56 | 49 | 40 | 32 | 27 | 26 | 29 | 37 | 48 | 58 | 65 | 67 | 62 | 54 | 42 | 31 | 22 | 985  | 41.0 |   | 6: 8  | 58 | 17:45 | 67   | *  | *  | *     | *  | 0:12  | 13 | 11:46 | 25  | *  | *  | *  | *  |
| 31 | 16   | 16 | 21 | 31 | 42 | 53 | 59 | 59 | 54 | 46 | 37 | 29 | 25 | 25 | 30 | 38 | 48 | 57 | 62 | 61 | 56 | 47 | 36 | 27 | 975  | 40.6 |   | 6:34  | 59 | 18:23 | 62   | *  | *  | *     | *  | 0:33  | 16 | 12:28 | 25  | *  | *  | *  | *  |

| 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      | 31632        | 42.5          | 12日 15時 48分 | 83 | 1  | 12日 23時 33分 | 4  | 2  |

# 推算潮位（毎時・満干潮）

地点名：吉岡

緯度：41 °27 N

経度：140 °14 E

潮位表基準面の零点：平均海面下 45.0(cm)

2013 年 2 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 満潮   |      |       |       |    |       |      |    | 干潮    |       |    |       |    |       |     |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|-------|-------|----|-------|------|----|-------|-------|----|-------|----|-------|-----|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月     | 時刻    | 潮位 | 時刻    | 潮位   | 時刻 | 潮位    | 時刻    | 潮位 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 21   | 19 | 22 | 29 | 40 | 50 | 58 | 61 | 59 | 53 | 44 | 35 | 28 | 25 | 26 | 31 | 39 | 47 | 54 | 56 | 54 | 49 | 41 | 32  | 973  | 40.5 |       | 7: 3  | 61 | 19: 4 | 56   | *  | *     | *     | *  | 0:54  | 19 | 13:15 | 25  | *  | *  | *  | *  |
| 2  | 26   | 23 | 24 | 29 | 37 | 48 | 57 | 62 | 63 | 59 | 51 | 43 | 35 | 29 | 27 | 28 | 31 | 37 | 44 | 48 | 49 | 47 | 42 | 37  | 976  | 40.7 |       | 7:37  | 63 | 19:51 | 49   | *  | *     | *     | *  | 1:14  | 23 | 14:13 | 27  | *  | *  | *  | *  |
| 3  | 31   | 28 | 27 | 30 | 36 | 45 | 54 | 61 | 64 | 63 | 59 | 51 | 43 | 36 | 31 | 28 | 28 | 30 | 34 | 38 | 41 | 42 | 41 | 38  | 979  | 40.8 | L     | 8:17  | 64 | 20:54 | 42   | *  | *     | *     | *  | 1:36  | 27 | 15:35 | 28  | *  | *  | *  | *  |
| 4  | 35   | 32 | 31 | 32 | 36 | 42 | 50 | 57 | 63 | 66 | 64 | 60 | 53 | 46 | 39 | 33 | 29 | 27 | 27 | 29 | 31 | 34 | 36 | 37  | 989  | 41.2 |       | 9: 8  | 66 | 23:29 | 37   | *  | *     | *     | *  | 1:58  | 31 | 17:33 | 27  | *  | *  | *  | *  |
| 5  | 37   | 36 | 35 | 35 | 37 | 40 | 46 | 52 | 59 | 64 | 66 | 66 | 62 | 57 | 49 | 42 | 35 | 29 | 25 | 23 | 23 | 25 | 28 | 32  | 1003 | 41.8 |       | 10:16 | 67 | *     | *    | *  | *     | 2:23  | 35 | 19:26 | 22 | *     | *   | *  | *  |    |    |
| 6  | 35   | 38 | 39 | 39 | 39 | 40 | 42 | 46 | 52 | 59 | 64 | 68 | 68 | 66 | 61 | 53 | 44 | 35 | 27 | 21 | 17 | 17 | 20 | 25  | 1015 | 42.3 |       | 11:42 | 68 | *     | *    | *  | *     | 20:37 | 17 | *     | *  | *     | *   | *  | *  |    |    |
| 7  | 31   | 37 | 41 | 43 | 42 | 41 | 40 | 41 | 45 | 50 | 57 | 64 | 69 | 71 | 70 | 64 | 55 | 45 | 34 | 24 | 17 | 13 | 13 | 18  | 1025 | 42.7 |       | 3:12  | 43 | 13: 3 | 71   | *  | *     | *     | *  | 5:57  | 40 | 21:25 | 12  | *  | *  | *  | *  |
| 8  | 25   | 34 | 41 | 45 | 46 | 43 | 40 | 38 | 38 | 41 | 47 | 56 | 65 | 71 | 74 | 72 | 66 | 55 | 43 | 30 | 20 | 12 | 9  | 12  | 1023 | 42.6 |       | 3:38  | 46 | 14: 7 | 74   | *  | *     | *     | *  | 7:28  | 37 | 22: 4 | 9   | *  | *  | *  | *  |
| 9  | 19   | 30 | 40 | 47 | 50 | 48 | 43 | 37 | 33 | 33 | 36 | 44 | 54 | 65 | 73 | 76 | 73 | 65 | 53 | 39 | 26 | 16 | 9  | 9   | 1018 | 42.4 |       | 4: 5  | 50 | 15: 0 | # 76 | *  | *     | *     | *  | 8:36  | 33 | 22:37 | # 8 | *  | *  | *  | *  |
| 10 | 14   | 25 | 37 | 47 | 53 | 53 | 48 | 40 | 33 | 28 | 28 | 32 | 42 | 54 | 66 | 74 | 76 | 71 | 61 | 48 | 34 | 21 | 13 | 9   | 1007 | 42.0 | N     | 4:31  | 53 | 15:47 | # 76 | *  | *     | *     | *  | 9:33  | 27 | 23: 6 | 9   | *  | *  | *  | *  |
| 11 | 12   | 21 | 33 | 46 | 54 | 57 | 54 | 46 | 36 | 28 | 23 | 24 | 30 | 41 | 54 | 66 | 73 | 73 | 67 | 55 | 41 | 28 | 18 | 12  | 992  | 41.3 |       | 4:58  | 57 | 16:30 | 74   | *  | *     | *     | *  | 10:24 | 23 | 23:32 | 11  | *  | *  | *  | *  |
| 12 | 12   | 18 | 30 | 43 | 54 | 59 | 59 | 53 | 43 | 32 | 23 | 20 | 21 | 29 | 41 | 54 | 65 | 69 | 67 | 60 | 48 | 35 | 24 | 16  | 975  | 40.6 |       | 5:25  | 60 | 17:10 | 70   | *  | *     | *     | *  | 11:12 | 20 | 23:54 | 14  | *  | *  | *  | *  |
| 13 | 14   | 18 | 27 | 40 | 52 | 60 | 62 | 59 | 50 | 39 | 28 | 21 | 19 | 22 | 30 | 42 | 54 | 62 | 64 | 60 | 52 | 40 | 29 | 21  | 965  | 40.2 |       | 5:52  | 62 | 17:49 | 64   | *  | *     | *     | *  | 11:58 | 19 | *     | *   | *  | *  | *  | *  |
| 14 | 17   | 19 | 26 | 36 | 49 | 59 | 64 | 63 | 57 | 47 | 36 | 27 | 21 | 20 | 24 | 32 | 43 | 52 | 58 | 57 | 52 | 44 | 34 | 26  | 963  | 40.1 |       | 6:21  | 64 | 18:26 | 58   | *  | *     | *     | *  | 0:13  | 17 | 12:44 | 20  | *  | *  | *  | *  |
| 15 | 21   | 21 | 26 | 34 | 45 | 56 | 62 | 64 | 61 | 54 | 45 | 35 | 27 | 23 | 23 | 27 | 34 | 43 | 49 | 52 | 50 | 45 | 37 | 30  | 964  | 40.2 |       | 6:51  | 64 | 19: 3 | 52   | *  | *     | *     | *  | 0:31  | 21 | 13:33 | 22  | *  | *  | *  | *  |
| 16 | 25   | 24 | 27 | 33 | 42 | 51 | 59 | 63 | 63 | 59 | 52 | 43 | 35 | 29 | 26 | 26 | 29 | 35 | 41 | 45 | 46 | 43 | 39 | 34  | 969  | 40.4 |       | 7:23  | 64 | 19:42 | 46   | *  | *     | *     | *  | 0:50  | 24 | 14:29 | 26  | *  | *  | *  | *  |
| 17 | 29   | 27 | 29 | 33 | 40 | 48 | 55 | 61 | 63 | 61 | 56 | 50 | 44 | 37 | 32 | 29 | 29 | 31 | 34 | 38 | 40 | 40 | 38 | 35  | 979  | 40.8 |       | 7:59  | 63 | 20:27 | 40   | *  | *     | *     | *  | 1: 8  | 27 | 15:41 | 29  | *  | *  | *  | *  |
| 18 | 32   | 31 | 31 | 33 | 38 | 44 | 51 | 57 | 60 | 61 | 59 | 55 | 50 | 45 | 40 | 35 | 32 | 30 | 30 | 32 | 34 | 35 | 36 | 35  | 986  | 41.1 | U     | 8:43  | 61 | 21:54 | 36   | *  | *     | *     | *  | 1:24  | 31 | 17:23 | 30  | *  | *  | *  | *  |
| 19 | 34   | 34 | 34 | 35 | 38 | 42 | 47 | 52 | 56 | 59 | 59 | 58 | 55 | 52 | 47 | 42 | 36 | 32 | 29 | 28 | 28 | 30 | 32 | 34  | 993  | 41.4 |       | 9:45  | 59 | *     | *    | *  | *     | 1:28  | 34 | 19:10 | 28 | *     | *   | *  | *  |    |    |
| 20 | 35   | 36 | 37 | 38 | 38 | 40 | 43 | 47 | 51 | 55 | 58 | 59 | 59 | 57 | 53 | 48 | 42 | 36 | 30 | 26 | 24 | 24 | 27 | 30  | 993  | 41.4 |       | 11:17 | 59 | *     | *    | *  | *     | 20:18 | 24 | *     | *  | *     | *   | *  | *  |    |    |
| 21 | 34   | 37 | 40 | 40 | 40 | 40 | 42 | 45 | 49 | 54 | 58 | 60 | 60 | 59 | 55 | 49 | 41 | 33 | 26 | 21 | 20 | 21 | 26 | 990 | 41.3 |      | 12:45 | 61    | *  | *     | *    | *  | 20:59 | 20    | *  | *     | *  | *     | *   | *  |    |    |    |
| 22 | 31   | 37 | 41 | 43 | 43 | 41 | 39 | 38 | 39 | 43 | 48 | 53 | 58 | 62 | 63 | 60 | 55 | 47 | 37 | 28 | 21 | 17 | 17 | 20  | 981  | 40.9 |       | 3:22  | 43 | 13:45 | 63   | *  | *     | *     | *  | 6:58  | 38 | 21:31 | 16  | *  | *  | *  | *  |
| 23 | 27   | 35 | 42 | 46 | 46 | 44 | 40 | 36 | 35 | 36 | 40 | 46 | 54 | 60 | 64 | 64 | 60 | 53 | 43 | 32 | 22 | 16 | 14 | 16  | 971  | 40.5 |       | 3:39  | 46 | 14:31 | 65   | *  | *     | *     | *  | 8: 5  | 35 | 21:59 | 14  | *  | *  | *  | *  |
| 24 | 23   | 32 | 41 | 47 | 49 | 47 | 42 | 36 | 32 | 30 | 32 | 38 | 46 | 55 | 63 | 66 | 65 | 58 | 49 | 37 | 26 | 17 | 13 | 13  | 957  | 39.9 |       | 3:58  | 49 | 15:11 | 66   | *  | *     | *     | *  | 8:57  | 30 | 22:25 | 12  | *  | *  | *  | *  |
| 25 | 19   | 28 | 39 | 48 | 52 | 51 | 46 | 38 | 31 | 26 | 25 | 29 | 37 | 47 | 58 | 65 | 67 | 63 | 54 | 43 | 31 | 21 | 14 | 12  | 944  | 39.3 |       | 4:18  | 52 | 15:50 | 67   | *  | *     | *     | *  | 9:42  | 25 | 22:49 | 12  | *  | *  | *  | *  |
| 26 | 16   | 25 | 37 | 47 | 54 | 54 | 50 | 42 | 33 | 25 | 21 | 22 | 27 | 37 | 49 | 59 | 65 | 65 | 59 | 49 | 37 | 25 | 17 | 13  | 928  | 38.7 | F     | 4:39  | 55 | 16:28 | 66   | *  | *     | *     | *  | 10:24 | 21 | 23:11 | 13  | *  | *  | *  | *  |
| 27 | 15   | 23 | 34 | 46 | 55 | 58 | 55 | 47 | 37 | 27 | 20 | 17 | 19 | 27 | 39 | 51 | 60 | 64 | 61 | 54 | 42 | 31 | 21 | 16  | 919  | 38.3 |       | 5: 1  | 58 | 17: 6 | 64   | *  | *     | *     | *  | 11: 4 | 17 | 23:32 | 15  | *  | *  | *  | *  |
| 28 | 16   | 21 | 32 | 44 | 55 | 60 | 60 | 54 | 44 | 32 | 22 | 16 | 15 | 19 | 28 | 40 | 51 | 59 | 60 | 56 | 47 | 36 | 27 | 20  | 914  | 38.1 |       | 5:25  | 61 | 17:44 | 60   | *  | *     | *     | *  | 11:45 | 15 | 23:52 | 18  | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |    |    | 推算月最低潮位    |    |    |
|----------|--------------|---------------|-------------|----|----|------------|----|----|
|          |              |               | 起時          | 潮位 | 回数 | 起時         | 潮位 | 回数 |
| 672      | 27391        | 40.8          | 10日 15時 47分 | 76 | 2  | 9日 22時 37分 | 8  | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 吉岡

緯度: 41 °27 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 45.0(cm)

2013 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  | 18   | 21 | 30 | 42 | 53 | 62 | 64 | 60 | 51 | 40 | 28 | 20 | 15 | 15 | 20 | 30 | 41 | 50 | 55 | 55 | 50 | 41 | 32 | 25 | 918 | 38.3 |   | 5:51  | 64   | 18:24 | 56 | *  | *  | *  | *  | 12:28 | 14  | *     | *  | *  | *  | *  | *  |
| 2  | 21   | 23 | 29 | 39 | 51 | 61 | 66 | 65 | 59 | 49 | 37 | 27 | 19 | 16 | 17 | 22 | 31 | 40 | 47 | 50 | 48 | 43 | 36 | 29 | 925 | 38.5 |   | 6:22  | 66   | 19: 7 | 50 | *  | *  | *  | *  | 0:12  | 21  | 13:16 | 15 | *  | *  | *  | *  |
| 3  | 25   | 25 | 29 | 37 | 47 | 57 | 65 | 68 | 65 | 57 | 47 | 36 | 27 | 21 | 18 | 19 | 24 | 30 | 38 | 42 | 44 | 42 | 38 | 33 | 934 | 38.9 |   | 6:57  | 68   | 19:57 | 44 | *  | *  | *  | *  | 0:32  | 25  | 14:14 | 18 | *  | *  | *  | *  |
| 4  | 29   | 28 | 30 | 35 | 43 | 52 | 61 | 66 | 67 | 63 | 56 | 47 | 38 | 30 | 24 | 21 | 21 | 24 | 29 | 33 | 37 | 38 | 37 | 35 | 944 | 39.3 |   | 7:39  | 67   | 21: 7 | 38 | *  | *  | *  | *  | 0:54  | 28  | 15:31 | 21 | *  | *  | *  | *  |
| 5  | 33   | 31 | 32 | 35 | 40 | 47 | 55 | 62 | 66 | 66 | 62 | 56 | 49 | 41 | 33 | 28 | 24 | 22 | 23 | 25 | 29 | 32 | 34 | 35 | 960 | 40.0 | L | 8:33  | 66   | *     | *  | *  | *  | *  | *  | 1:17  | 31  | 17:13 | 22 | *  | *  | *  | *  |
| 6  | 35   | 35 | 35 | 36 | 38 | 42 | 47 | 54 | 60 | 63 | 64 | 62 | 58 | 52 | 44 | 37 | 30 | 25 | 22 | 20 | 22 | 25 | 28 | 32 | 966 | 40.3 |   | 9:48  | 64   | *     | *  | *  | *  | *  | *  | 18:57 | 20  | *     | *  | *  | *  | *  | *  |
| 7  | 35   | 37 | 38 | 38 | 38 | 39 | 41 | 45 | 50 | 56 | 60 | 63 | 63 | 60 | 55 | 47 | 39 | 31 | 24 | 19 | 17 | 19 | 22 | 28 | 964 | 40.2 |   | 11:28 | 63   | *     | *  | *  | *  | *  | *  | 20: 8 | 17  | *     | *  | *  | *  | *  | *  |
| 8  | 34   | 39 | 41 | 42 | 40 | 38 | 37 | 37 | 40 | 46 | 52 | 58 | 62 | 64 | 62 | 57 | 49 | 39 | 30 | 22 | 17 | 15 | 17 | 23 | 961 | 40.0 |   | 2:37  | 42   | 12:59 | 64 | *  | *  | *  | *  | 6:13  | 37  | 20:54 | 15 | *  | *  | *  | *  |
| 9  | 31   | 39 | 44 | 46 | 44 | 40 | 36 | 32 | 32 | 34 | 40 | 48 | 57 | 63 | 65 | 64 | 57 | 48 | 37 | 27 | 19 | 14 | 14 | 19 | 950 | 39.6 |   | 3: 2  | 46   | 14: 5 | 65 | *  | *  | *  | *  | 7:41  | 32  | 21:30 | 14 | *  | *  | *  | *  |
| 10 | 27   | 37 | 45 | 50 | 50 | 45 | 38 | 31 | 26 | 25 | 29 | 36 | 46 | 56 | 63 | 66 | 63 | 55 | 44 | 33 | 23 | 16 | 13 | 16 | 933 | 38.9 |   | 3:28  | 50   | 14:58 | 66 | *  | *  | *  | *  | 8:45  | 25  | 22: 0 | 13 | *  | *  | *  | *  |
| 11 | 24   | 35 | 45 | 52 | 55 | 51 | 43 | 34 | 25 | 20 | 19 | 24 | 33 | 45 | 56 | 64 | 65 | 61 | 51 | 39 | 28 | 19 | 15 | 15 | 918 | 38.3 |   | 3:54  | 55   | 15:44 | 65 | *  | *  | *  | *  | 9:38  | 19  | 22:26 | 14 | *  | *  | *  | *  |
| 12 | 21   | 32 | 44 | 54 | 58 | 57 | 51 | 40 | 28 | 19 | 15 | 15 | 21 | 32 | 46 | 57 | 63 | 62 | 56 | 46 | 34 | 24 | 17 | 16 | 908 | 37.8 | N | 4:19  | 59   | 16:26 | 63 | *  | *  | *  | *  | 10:25 | 14  | 22:48 | 16 | *  | *  | *  | *  |
| 13 | 20   | 29 | 41 | 53 | 60 | 62 | 57 | 48 | 35 | 23 | 15 | 11 | 13 | 21 | 34 | 47 | 56 | 60 | 57 | 50 | 39 | 29 | 21 | 18 | 899 | 37.5 |   | 4:45  | 62   | 17: 5 | 60 | *  | *  | *  | *  | 11:10 | 11  | 23: 8 | 18 | *  | *  | *  | *  |
| 14 | 20   | 27 | 38 | 50 | 60 | 64 | 62 | 55 | 44 | 31 | 20 | 12 | 10 | 14 | 23 | 36 | 47 | 55 | 56 | 52 | 43 | 34 | 25 | 21 | 899 | 37.5 |   | 5:11  | 64   | 17:43 | 56 | *  | *  | *  | *  | 11:52 | 10  | 23:27 | 20 | *  | *  | *  | *  |
| 15 | 21   | 26 | 35 | 47 | 58 | 64 | 65 | 60 | 51 | 39 | 27 | 18 | 12 | 12 | 17 | 26 | 38 | 47 | 51 | 51 | 45 | 38 | 30 | 24 | 902 | 37.6 |   | 5:38  | 65   | 18:19 | 52 | *  | *  | *  | *  | 12:34 | 12  | 23:46 | 23 | *  | *  | *  | *  |
| 16 | 23   | 26 | 33 | 43 | 54 | 62 | 66 | 63 | 57 | 47 | 36 | 26 | 18 | 15 | 16 | 21 | 30 | 39 | 45 | 47 | 45 | 40 | 33 | 28 | 913 | 38.0 |   | 6: 5  | 66   | 18:56 | 47 | *  | *  | *  | *  | 13:18 | 15  | *     | *  | *  | *  | *  | *  |
| 17 | 25   | 27 | 32 | 40 | 50 | 59 | 64 | 64 | 60 | 53 | 44 | 34 | 26 | 21 | 18 | 20 | 25 | 32 | 39 | 42 | 43 | 40 | 35 | 31 | 924 | 38.5 |   | 6:35  | 65   | 19:34 | 43 | *  | *  | *  | *  | 0: 7  | 25  | 14: 5 | 18 | *  | *  | *  | *  |
| 18 | 28   | 28 | 32 | 38 | 46 | 54 | 60 | 63 | 61 | 57 | 50 | 42 | 34 | 28 | 24 | 22 | 24 | 27 | 32 | 37 | 39 | 39 | 36 | 33 | 934 | 38.9 |   | 7: 8  | 63   | 20:20 | 39 | *  | *  | *  | *  | 0:27  | 28  | 15: 3 | 22 | *  | *  | *  | *  |
| 19 | 31   | 30 | 32 | 36 | 42 | 49 | 55 | 59 | 60 | 58 | 54 | 48 | 42 | 36 | 31 | 27 | 25 | 25 | 28 | 31 | 34 | 36 | 36 | 35 | 940 | 39.2 |   | 7:47  | 60   | 21:33 | 36 | *  | *  | *  | *  | 0:47  | 30  | 16:18 | 25 | *  | *  | *  | *  |
| 20 | 34   | 33 | 34 | 36 | 40 | 44 | 50 | 54 | 57 | 57 | 56 | 52 | 48 | 43 | 37 | 32 | 28 | 26 | 25 | 26 | 29 | 31 | 34 | 35 | 941 | 39.2 | U | 8:40  | 58   | *     | *  | *  | *  | *  | *  | 1: 4  | 33  | 17:48 | 25 | *  | *  | *  | *  |
| 21 | 36   | 36 | 36 | 37 | 38 | 41 | 44 | 48 | 51 | 54 | 55 | 54 | 52 | 48 | 44 | 39 | 33 | 28 | 24 | 23 | 24 | 26 | 30 | 33 | 934 | 38.9 |   | 10: 2 | 55   | *     | *  | *  | *  | *  | *  | 19: 5 | 23  | *     | *  | *  | *  | *  | *  |
| 22 | 36   | 38 | 39 | 39 | 38 | 38 | 39 | 41 | 44 | 48 | 51 | 53 | 54 | 53 | 50 | 45 | 39 | 32 | 26 | 21 | 20 | 22 | 25 | 31 | 922 | 38.4 |   | 2:23  | 39   | 11:51 | 54 | *  | *  | *  | *  | 4:50  | 38  | 19:58 | 20 | *  | *  | *  | *  |
| 23 | 36   | 40 | 42 | 42 | 40 | 38 | 36 | 35 | 37 | 40 | 45 | 49 | 53 | 55 | 54 | 51 | 44 | 37 | 29 | 22 | 18 | 18 | 21 | 27 | 909 | 37.9 |   | 2:33  | 42   | 13:13 | 55 | *  | *  | *  | *  | 6:48  | 35  | 20:37 | 18 | *  | *  | *  | *  |
| 24 | 34   | 40 | 44 | 45 | 44 | 40 | 35 | 31 | 30 | 31 | 36 | 42 | 49 | 54 | 56 | 55 | 50 | 43 | 33 | 25 | 19 | 16 | 18 | 23 | 893 | 37.2 |   | 2:51  | 45   | 14:10 | 56 | *  | *  | *  | *  | 7:58  | 30  | 21: 8 | 16 | *  | *  | *  | *  |
| 25 | 31   | 40 | 46 | 49 | 48 | 43 | 36 | 30 | 25 | 24 | 26 | 32 | 41 | 49 | 55 | 58 | 55 | 49 | 39 | 29 | 21 | 16 | 16 | 20 | 878 | 36.6 |   | 3:11  | 49   | 14:58 | 58 | *  | *  | *  | *  | 8:51  | 24  | 21:36 | 15 | *  | *  | *  | *  |
| 26 | 28   | 38 | 47 | 52 | 52 | 48 | 40 | 31 | 23 | 18 | 18 | 22 | 30 | 41 | 51 | 57 | 58 | 54 | 45 | 35 | 25 | 19 | 16 | 19 | 867 | 36.1 |   | 3:31  | 53   | 15:42 | 58 | *  | *  | *  | *  | 9:37  | 17  | 22: 0 | 16 | *  | *  | *  | *  |
| 27 | 26   | 37 | 47 | 55 | 57 | 54 | 45 | 35 | 24 | 16 | 12 | 13 | 19 | 30 | 42 | 52 | 57 | 57 | 51 | 41 | 31 | 23 | 18 | 19 | 861 | 35.9 | F | 3:53  | 57   | 16:24 | 58 | *  | *  | *  | *  | 10:20 | 11  | 22:24 | 18 | *  | *  | *  | *  |
| 28 | 25   | 35 | 47 | 57 | 62 | 60 | 53 | 42 | 29 | 18 | 10 | 7  | 10 | 18 | 30 | 43 | 52 | 56 | 54 | 46 | 36 | 27 | 21 | 20 | 858 | 35.8 |   | 4:16  | 62   | 17: 5 | 56 | *  | *  | *  | *  | 11: 2 | 7   | 22:46 | 20 | *  | *  | *  | *  |
| 29 | 24   | 33 | 45 | 57 | 64 | 66 | 61 | 51 | 37 | 24 | 13 | 6  | 5  | 9  | 19 | 32 | 44 | 51 | 53 | 49 | 42 | 33 | 25 | 22 | 865 | 36.0 |   | 4:43  | 66   | 17:48 | 53 | *  | *  | *  | *  | 11:45 | # 4 | 23: 9 | 22 | *  | *  | *  | *  |
| 30 | 24   | 31 | 42 | 54 | 65 | 69 | 68 | 60 | 47 | 33 | 20 | 10 | 5  | 5  | 11 | 21 | 33 | 43 | 49 | 49 | 44 | 37 | 30 | 25 | 875 | 36.5 |   | 5:14  | 70   | 18:31 | 49 | *  | *  | *  | *  | 12:30 | # 4 | 23:34 | 25 | *  | *  | *  | *  |
| 31 | 25   | 29 | 38 | 50 | 61 | 69 | 71 | 67 | 58 | 45 | 31 | 19 | 11 | 7  | 8  | 13 | 23 | 34 | 41 | 45 | 44 | 40 | 34 | 29 | 892 | 37.2 |   | 5:48  | # 71 | 19:19 | 45 | *  | *  | *  | *  | 13:20 | 6   | *     | *  | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位    |    |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|------------|----|----|-------------|----|----|
|          |              |               | 起時         | 潮位 | 回数 | 起時          | 潮位 | 回数 |
| 744      | 28387        | 38.2          | 31日 5時 48分 | 71 | 1  | 30日 12時 30分 | 4  | 2  |

# 推算潮位 (毎時・満干潮)

地点名: 吉岡

緯度: 41 °27 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 45.0(cm)

2013 年 4 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 満潮   |      |      |      |       |       |    |    | 干潮 |      |       |       |       |       |    |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|------|------|-------|-------|----|----|----|------|-------|-------|-------|-------|----|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 日合計  | 日平均  | 月    | 時刻   | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻   | 潮位    | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 27   | 29 | 35 | 44 | 55 | 65 | 71 | 70 | 65 | 55 | 43 | 31 | 21 | 14 | 10 | 11 | 17 | 25 | 33 | 38 | 41 | 40 | 37 | 33  | 910  | 37.9 |      | 6:28 | 71    | 20:13 | 41 | *  | *  | *    | *     | 0: 0  | 27    | 14:16 | 10 | *  | *  | *  | *  |
| 2  | 30   | 30 | 33 | 39 | 48 | 57 | 65 | 69 | 67 | 62 | 53 | 43 | 32 | 24 | 18 | 15 | 15 | 19 | 25 | 31 | 35 | 37 | 37 | 36  | 920  | 38.3 |      | 7:14 | 69    | 21:27 | 38 | *  | *  | *    | *     | 0:30  | 29    | 15:23 | 14 | *  | *  | *  | *  |
| 3  | 33   | 32 | 33 | 36 | 42 | 49 | 56 | 62 | 65 | 64 | 59 | 52 | 44 | 35 | 28 | 22 | 18 | 18 | 20 | 24 | 29 | 33 | 36 | 37  | 927  | 38.6 | L    | 8:11 | 65    | 23:15 | 37 | *  | *  | *    | *     | 1: 7  | 32    | 16:43 | 18 | *  | *  | *  | *  |
| 4  | 37   | 36 | 35 | 35 | 37 | 41 | 46 | 52 | 57 | 60 | 60 | 57 | 52 | 45 | 38 | 31 | 25 | 21 | 19 | 20 | 24 | 28 | 33 | 37  | 926  | 38.6 |      | 9:29 | 60    | *     | *  | *  | *  | *    | *     | 2:10  | 35    | 18: 4 | 19 | *  | *  | *  | *  |
| 5  | 39   | 40 | 39 | 37 | 36 | 36 | 38 | 41 | 46 | 51 | 55 | 56 | 56 | 52 | 47 | 40 | 33 | 26 | 21 | 19 | 20 | 24 | 29 | 35  | 916  | 38.2 |      | 0:50 | 40    | 11:12 | 56 | *  | *  | *    | *     | 4:33  | 36    | 19:10 | 19 | *  | *  | *  | *  |
| 6  | 40   | 43 | 44 | 42 | 38 | 35 | 32 | 32 | 35 | 40 | 45 | 51 | 54 | 55 | 53 | 48 | 40 | 32 | 25 | 20 | 19 | 21 | 26 | 33  | 903  | 37.6 |      | 1:39 | 44    | 12:48 | 55 | *  | *  | *    | *     | 6:31  | 32    | 19:59 | 19 | *  | *  | *  | *  |
| 7  | 40   | 46 | 48 | 47 | 43 | 37 | 31 | 27 | 26 | 28 | 33 | 41 | 48 | 53 | 55 | 53 | 47 | 39 | 30 | 24 | 20 | 19 | 23 | 30  | 888  | 37.0 |      | 2:14 | 49    | 13:58 | 55 | *  | *  | *    | *     | 7:50  | 26    | 20:36 | 19 | *  | *  | *  | *  |
| 8  | 39   | 47 | 52 | 53 | 50 | 42 | 33 | 25 | 20 | 19 | 22 | 29 | 38 | 47 | 53 | 55 | 52 | 45 | 36 | 28 | 22 | 19 | 21 | 27  | 874  | 36.4 |      | 2:44 | 53    | 14:53 | 55 | *  | *  | *    | *     | 8:49  | 19    | 21: 7 | 19 | *  | *  | *  | *  |
| 9  | 36   | 46 | 54 | 58 | 56 | 49 | 39 | 28 | 19 | 14 | 13 | 17 | 26 | 38 | 47 | 53 | 54 | 50 | 42 | 33 | 25 | 21 | 21 | 25  | 864  | 36.0 |      | 3:13 | 58    | 15:40 | 55 | *  | *  | *    | *     | 9:39  | 13    | 21:33 | 20 | *  | *  | *  | *  |
| 10 | 33   | 44 | 54 | 60 | 61 | 57 | 47 | 35 | 22 | 13 | 8  | 9  | 15 | 26 | 39 | 48 | 53 | 53 | 47 | 38 | 30 | 24 | 22 | 24  | 862  | 35.9 | N    | 3:40 | 62    | 16:23 | 54 | *  | *  | *    | *     | 10:24 | 8     | 21:57 | 22 | *  | *  | *  | *  |
| 11 | 31   | 41 | 52 | 61 | 64 | 62 | 54 | 43 | 29 | 17 | 9  | 5  | 8  | 16 | 28 | 40 | 49 | 52 | 50 | 43 | 34 | 27 | 23 | 24  | 862  | 35.9 |      | 4: 6 | 64    | 17: 2 | 52 | *  | *  | *    | *     | 11: 6 | 5     | 22:21 | 23 | *  | *  | *  | *  |
| 12 | 29   | 38 | 49 | 60 | 66 | 66 | 60 | 50 | 37 | 24 | 13 | 6  | 5  | 9  | 19 | 31 | 42 | 49 | 50 | 46 | 39 | 31 | 26 | 25  | 870  | 36.3 |      | 4:32 | 66    | 17:40 | 50 | *  | *  | *    | *     | 11:46 | 5     | 22:44 | 25 | *  | *  | *  | *  |
| 13 | 28   | 36 | 46 | 57 | 65 | 67 | 64 | 57 | 46 | 33 | 21 | 11 | 7  | 7  | 13 | 23 | 35 | 44 | 48 | 47 | 42 | 35 | 29 | 27  | 888  | 37.0 |      | 4:59 | 67    | 18:16 | 48 | *  | *  | *    | *     | 12:25 | 6     | 23: 9 | 27 | *  | *  | *  | *  |
| 14 | 28   | 34 | 42 | 53 | 62 | 67 | 67 | 61 | 52 | 41 | 29 | 19 | 12 | 9  | 11 | 18 | 28 | 37 | 44 | 45 | 43 | 38 | 33 | 29  | 902  | 37.6 |      | 5:26 | 67    | 18:53 | 45 | *  | *  | *    | *     | 13: 4 | 9     | 23:35 | 28 | *  | *  | *  | *  |
| 15 | 29   | 32 | 39 | 48 | 57 | 64 | 66 | 64 | 57 | 48 | 37 | 27 | 19 | 14 | 13 | 16 | 23 | 31 | 38 | 42 | 43 | 40 | 36 | 32  | 915  | 38.1 |      | 5:57 | 66    | 19:32 | 43 | *  | *  | *    | *     | 13:45 | 13    | *     | *  | *  | *  | *  | *  |
| 16 | 30   | 32 | 36 | 44 | 52 | 59 | 64 | 64 | 60 | 52 | 44 | 35 | 27 | 20 | 17 | 17 | 20 | 26 | 33 | 38 | 41 | 40 | 38 | 35  | 924  | 38.5 |      | 6:30 | 64    | 20:18 | 41 | *  | *  | *    | *     | 0: 2  | 30    | 14:32 | 16 | *  | *  | *  | *  |
| 17 | 32   | 32 | 35 | 40 | 47 | 53 | 59 | 61 | 60 | 55 | 49 | 41 | 34 | 27 | 22 | 20 | 20 | 23 | 28 | 33 | 37 | 39 | 39 | 37  | 923  | 38.5 |      | 7: 9 | 61    | 21:19 | 39 | *  | *  | *    | *     | 0:32  | 32    | 15:27 | 20 | *  | *  | *  | *  |
| 18 | 35   | 34 | 35 | 37 | 42 | 47 | 52 | 56 | 57 | 56 | 52 | 46 | 40 | 34 | 29 | 24 | 22 | 22 | 24 | 28 | 33 | 36 | 38 | 39  | 918  | 38.3 | U    | 7:58 | 57    | 22:45 | 39 | *  | *  | *    | *     | 1: 8  | 34    | 16:31 | 21 | *  | *  | *  | *  |
| 19 | 38   | 37 | 37 | 37 | 38 | 41 | 45 | 49 | 52 | 53 | 52 | 49 | 45 | 40 | 35 | 30 | 25 | 22 | 22 | 24 | 28 | 33 | 37 | 39  | 908  | 37.8 |      | 9: 6 | 53    | *     | *  | *  | *  | 2:11 | 37    | 17:38 | 22    | *     | *  | *  | *  |    |    |
| 20 | 41   | 40 | 40 | 38 | 37 | 37 | 38 | 41 | 44 | 47 | 49 | 50 | 48 | 45 | 41 | 35 | 30 | 25 | 22 | 21 | 24 | 29 | 34 | 39  | 895  | 37.3 |      | 0:20 | 41    | 10:45 | 50 | *  | *  | *    | *     | 4:36  | 37    | 18:36 | 21 | *  | *  | *  | *  |
| 21 | 42   | 44 | 43 | 41 | 38 | 35 | 33 | 33 | 35 | 39 | 43 | 46 | 48 | 48 | 46 | 41 | 35 | 29 | 24 | 21 | 21 | 25 | 31 | 37  | 878  | 36.6 |      | 1:12 | 44    | 12:29 | 49 | *  | *  | *    | *     | 6:31  | 33    | 19:22 | 21 | *  | *  | *  | *  |
| 22 | 43   | 47 | 47 | 45 | 41 | 36 | 31 | 27 | 27 | 29 | 33 | 39 | 45 | 48 | 49 | 47 | 41 | 35 | 28 | 23 | 21 | 23 | 28 | 36  | 869  | 36.2 |      | 1:45 | 48    | 13:46 | 49 | *  | *  | *    | *     | 7:44  | 27    | 20: 1 | 21 | *  | *  | *  | *  |
| 23 | 43   | 49 | 52 | 51 | 46 | 39 | 31 | 24 | 20 | 19 | 23 | 29 | 37 | 44 | 49 | 50 | 47 | 41 | 33 | 26 | 22 | 22 | 26 | 34  | 857  | 35.7 |      | 2:11 | 52    | 14:45 | 50 | *  | *  | *    | *     | 8:40  | 19    | 20:33 | 22 | *  | *  | *  | *  |
| 24 | 43   | 51 | 56 | 57 | 53 | 44 | 34 | 24 | 17 | 12 | 12 | 17 | 26 | 36 | 45 | 50 | 51 | 47 | 39 | 32 | 26 | 23 | 25 | 32  | 852  | 35.5 |      | 2:37 | 57    | 15:36 | 51 | *  | *  | *    | *     | 9:28  | 12    | 21: 3 | 23 | *  | *  | *  | *  |
| 25 | 41   | 52 | 60 | 63 | 60 | 53 | 41 | 29 | 17 | 9  | 5  | 7  | 14 | 25 | 37 | 46 | 51 | 51 | 45 | 37 | 30 | 26 | 25 | 30  | 854  | 35.6 |      | 3: 5 | 63    | 16:22 | 52 | *  | *  | *    | *     | 10:14 | 5     | 21:32 | 25 | *  | *  | *  | *  |
| 26 | 39   | 50 | 61 | 68 | 68 | 62 | 51 | 37 | 23 | 11 | 3  | 1  | 4  | 13 | 26 | 38 | 47 | 51 | 49 | 43 | 35 | 29 | 27 | 29  | 865  | 36.0 | F    | 3:35 | 69    | 17: 8 | 51 | *  | *  | *    | *     | 10:59 | 1     | 22: 2 | 27 | *  | *  | *  | *  |
| 27 | 36   | 47 | 59 | 69 | 73 | 71 | 62 | 49 | 33 | 19 | 7  | 0  | -1 | 4  | 14 | 28 | 40 | 47 | 50 | 47 | 40 | 33 | 29 | 28  | 884  | 36.8 |      | 4: 8 | 73    | 17:53 | 50 | *  | *  | *    | *     | 11:44 | # -2  | 22:33 | 28 | *  | *  | *  | *  |
| 28 | 33   | 42 | 54 | 66 | 74 | 76 | 71 | 60 | 46 | 30 | 16 | 6  | 0  | 6  | 17 | 30 | 41 | 47 | 47 | 44 | 37 | 32 | 29 | 904 | 37.7 |      | 4:45 | 76   | 18:38 | 48    | *  | *  | *  | *    | 12:31 | -1    | 23: 7 | 29    | *  | *  | *  | *  |    |
| 29 | 31   | 37 | 47 | 59 | 70 | 76 | 76 | 69 | 58 | 43 | 28 | 16 | 7  | 2  | 3  | 10 | 21 | 32 | 41 | 45 | 45 | 41 | 36 | 32  | 925  | 38.5 |      | 5:26 | # 77  | 19:26 | 45 | *  | *  | *    | *     | 13:19 | 2     | 23:45 | 30 | *  | *  | *  | *  |
| 30 | 31   | 34 | 40 | 50 | 61 | 71 | 75 | 73 | 65 | 55 | 41 | 28 | 17 | 10 | 7  | 9  | 15 | 25 | 34 | 41 | 44 | 43 | 40 | 35  | 944  | 39.3 |      | 6:10 | 75    | 20:18 | 44 | *  | *  | *    | *     | 14:10 | 7     | *     | *  | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位    |    |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|------------|----|----|-------------|----|----|
|          |              |               | 起時         | 潮位 | 回数 | 起時          | 潮位 | 回数 |
| 720      | 26827        | 37.3          | 29日 5時 26分 | 77 | 1  | 27日 11時 44分 | -2 | 1  |

# 推算潮位（毎時・満干潮）

地点名：吉岡

緯度：41 °27 N

経度：140 °14 E

潮位表基準面の零点：平均海面下 45.0(cm)

2013 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  | 32   | 32 | 36 | 42 | 51 | 61 | 68 | 70 | 68 | 61 | 52 | 40 | 29 | 20 | 14 | 12 | 14 | 20 | 28 | 35 | 41 | 43 | 42 | 40 | 951  | 39.6 |   | 7:0   | 70  | 21:17 | 43 | *  | *  | *    | *  | 0:29  | 32 | 15:4  | 12 | *  | *  | *  | *  |
| 2  | 36   | 34 | 34 | 37 | 42 | 49 | 57 | 62 | 64 | 62 | 57 | 49 | 40 | 31 | 24 | 19 | 17 | 19 | 24 | 30 | 37 | 41 | 44 | 43 | 952  | 39.7 | L | 7:58  | 64  | 22:25 | 44 | *  | *  | *    | *  | 1:26  | 34 | 16:2  | 17 | *  | *  | *  | *  |
| 3  | 41   | 38 | 36 | 35 | 36 | 40 | 45 | 51 | 55 | 57 | 56 | 53 | 47 | 40 | 33 | 26 | 22 | 20 | 22 | 27 | 33 | 39 | 43 | 46 | 941  | 39.2 |   | 9:12  | 57  | 23:34 | 46 | *  | *  | *    | *  | 2:55  | 35 | 17:1  | 20 | *  | *  | *  | *  |
| 4  | 46   | 44 | 41 | 37 | 35 | 34 | 36 | 39 | 44 | 48 | 51 | 52 | 50 | 46 | 40 | 34 | 28 | 24 | 23 | 25 | 29 | 36 | 42 | 47 | 931  | 38.8 |   | 10:47 | 52  | *     | *  | *  | *  | 4:52 | 34 | 17:57 | 23 | *     | *  | *  | *  |    |    |
| 5  | 50   | 50 | 47 | 43 | 37 | 33 | 30 | 30 | 32 | 37 | 42 | 46 | 48 | 48 | 46 | 41 | 35 | 29 | 25 | 25 | 27 | 32 | 39 | 46 | 918  | 38.3 |   | 0:34  | 50  | 12:28 | 49 | *  | *  | *    | *  | 6:33  | 29 | 18:45 | 25 | *  | *  | *  | *  |
| 6  | 52   | 54 | 54 | 50 | 43 | 35 | 29 | 24 | 23 | 26 | 31 | 37 | 43 | 47 | 48 | 46 | 41 | 34 | 29 | 26 | 26 | 30 | 36 | 44 | 908  | 37.8 |   | 1:20  | 54  | 13:48 | 48 | *  | *  | *    | *  | 7:48  | 23 | 19:27 | 26 | *  | *  | *  | *  |
| 7  | 52   | 57 | 59 | 57 | 50 | 41 | 31 | 23 | 18 | 17 | 20 | 27 | 35 | 42 | 47 | 48 | 46 | 40 | 34 | 29 | 27 | 28 | 33 | 41 | 902  | 37.6 |   | 1:59  | 59  | 14:48 | 48 | *  | *  | *    | *  | 8:47  | 17 | 20:4  | 27 | *  | *  | *  | *  |
| 8  | 50   | 57 | 62 | 62 | 58 | 49 | 38 | 26 | 18 | 12 | 12 | 16 | 25 | 35 | 43 | 48 | 49 | 45 | 39 | 33 | 29 | 28 | 31 | 38 | 903  | 37.6 |   | 2:32  | 63  | 15:38 | 49 | *  | *  | *    | *  | 9:36  | 12 | 20:38 | 28 | *  | *  | *  | *  |
| 9  | 47   | 56 | 63 | 66 | 64 | 56 | 45 | 33 | 21 | 12 | 8  | 9  | 15 | 25 | 37 | 45 | 49 | 49 | 44 | 37 | 32 | 29 | 31 | 36 | 909  | 37.9 |   | 3:3   | 66  | 16:21 | 50 | *  | *  | *    | *  | 10:20 | 8  | 21:10 | 29 | *  | *  | *  | *  |
| 10 | 44   | 53 | 62 | 68 | 68 | 63 | 53 | 40 | 27 | 16 | 8  | 5  | 8  | 17 | 28 | 40 | 47 | 50 | 48 | 42 | 36 | 31 | 31 | 34 | 919  | 38.3 | N | 3:31  | 68  | 17:0  | 50 | *  | *  | *    | *  | 11:0  | 5  | 21:41 | 30 | *  | *  | *  | *  |
| 11 | 41   | 50 | 60 | 67 | 70 | 67 | 60 | 48 | 35 | 22 | 12 | 6  | 6  | 11 | 21 | 33 | 43 | 49 | 49 | 46 | 40 | 34 | 32 | 33 | 935  | 39.0 |   | 3:59  | 70  | 17:37 | 50 | *  | *  | *    | *  | 11:38 | 5  | 22:12 | 31 | *  | *  | *  | *  |
| 12 | 38   | 46 | 56 | 65 | 70 | 70 | 65 | 55 | 43 | 30 | 19 | 10 | 7  | 8  | 15 | 26 | 37 | 46 | 49 | 48 | 43 | 38 | 33 | 32 | 949  | 39.5 |   | 4:28  | 71  | 18:12 | 49 | *  | *  | *    | *  | 12:14 | 6  | 22:43 | 32 | *  | *  | *  | *  |
| 13 | 36   | 42 | 51 | 61 | 68 | 71 | 68 | 61 | 50 | 38 | 27 | 17 | 11 | 9  | 12 | 21 | 31 | 41 | 47 | 48 | 46 | 41 | 36 | 33 | 966  | 40.3 |   | 4:58  | 71  | 18:47 | 48 | *  | *  | *    | *  | 12:49 | 9  | 23:16 | 33 | *  | *  | *  | *  |
| 14 | 34   | 39 | 46 | 56 | 64 | 69 | 69 | 64 | 56 | 46 | 34 | 24 | 16 | 12 | 13 | 18 | 26 | 36 | 44 | 47 | 47 | 43 | 39 | 35 | 977  | 40.7 |   | 5:31  | 70  | 19:23 | 48 | *  | *  | *    | *  | 13:25 | 12 | 23:51 | 34 | *  | *  | *  | *  |
| 15 | 34   | 36 | 42 | 50 | 58 | 65 | 68 | 66 | 60 | 51 | 41 | 32 | 23 | 17 | 15 | 17 | 23 | 31 | 39 | 45 | 47 | 45 | 42 | 38 | 985  | 41.0 |   | 6:7   | 68  | 20:4  | 47 | *  | *  | *    | *  | 14:3  | 15 | *     | *  | *  | *  | *  | *  |
| 16 | 35   | 36 | 39 | 44 | 51 | 58 | 63 | 64 | 61 | 55 | 47 | 38 | 30 | 23 | 19 | 18 | 21 | 27 | 34 | 41 | 45 | 46 | 45 | 41 | 981  | 40.9 |   | 6:46  | 64  | 20:51 | 46 | *  | *  | *    | *  | 0:29  | 35 | 14:44 | 18 | *  | *  | *  | *  |
| 17 | 38   | 37 | 37 | 40 | 45 | 51 | 56 | 59 | 60 | 56 | 51 | 44 | 36 | 29 | 24 | 21 | 21 | 24 | 30 | 37 | 42 | 46 | 46 | 45 | 975  | 40.6 |   | 7:32  | 60  | 21:45 | 46 | *  | *  | *    | *  | 1:16  | 37 | 15:31 | 21 | *  | *  | *  | *  |
| 18 | 42   | 40 | 38 | 38 | 40 | 44 | 48 | 52 | 55 | 55 | 52 | 47 | 41 | 35 | 30 | 25 | 23 | 24 | 27 | 32 | 39 | 44 | 47 | 48 | 966  | 40.3 | U | 8:29  | 55  | 22:44 | 48 | *  | *  | *    | *  | 2:24  | 38 | 16:21 | 23 | *  | *  | *  | *  |
| 19 | 46   | 43 | 41 | 39 | 38 | 38 | 40 | 44 | 47 | 49 | 50 | 49 | 45 | 41 | 36 | 31 | 27 | 25 | 26 | 30 | 35 | 42 | 47 | 50 | 959  | 40.0 |   | 9:49  | 50  | 23:39 | 50 | *  | *  | *    | *  | 4:10  | 38 | 17:13 | 25 | *  | *  | *  | *  |
| 20 | 50   | 48 | 45 | 41 | 37 | 35 | 34 | 35 | 37 | 41 | 44 | 46 | 47 | 45 | 41 | 37 | 32 | 28 | 27 | 28 | 33 | 39 | 46 | 51 | 947  | 39.5 |   | 11:38 | 47  | *     | *  | *  | *  | 5:59 | 34 | 18:2  | 27 | *     | *  | *  | *  |    |    |
| 21 | 54   | 54 | 51 | 46 | 40 | 34 | 30 | 27 | 28 | 31 | 35 | 40 | 44 | 46 | 46 | 43 | 38 | 33 | 30 | 29 | 32 | 37 | 44 | 52 | 944  | 39.3 |   | 0:26  | 54  | 13:21 | 46 | *  | *  | *    | *  | 7:21  | 27 | 18:46 | 29 | *  | *  | *  | *  |
| 22 | 57   | 59 | 58 | 53 | 45 | 37 | 29 | 23 | 20 | 20 | 24 | 30 | 37 | 43 | 47 | 47 | 44 | 39 | 34 | 31 | 32 | 35 | 42 | 51 | 937  | 39.0 |   | 1:6   | 59  | 14:35 | 48 | *  | *  | *    | *  | 8:25  | 20 | 19:27 | 31 | *  | *  | *  | *  |
| 23 | 59   | 64 | 65 | 62 | 54 | 44 | 33 | 23 | 16 | 12 | 13 | 18 | 27 | 36 | 44 | 49 | 49 | 45 | 40 | 35 | 33 | 34 | 40 | 48 | 943  | 39.3 |   | 1:44  | 65  | 15:33 | 49 | *  | *  | *    | *  | 9:18  | 12 | 20:7  | 33 | *  | *  | *  | *  |
| 24 | 58   | 67 | 71 | 71 | 64 | 54 | 41 | 28 | 17 | 9  | 6  | 8  | 15 | 26 | 37 | 46 | 50 | 50 | 45 | 40 | 35 | 34 | 37 | 44 | 953  | 39.7 |   | 2:23  | 72  | 16:23 | 51 | *  | *  | *    | *  | 10:8  | 6  | 20:46 | 34 | *  | *  | *  | *  |
| 25 | 54   | 65 | 74 | 77 | 74 | 66 | 53 | 38 | 23 | 12 | 4  | 2  | 5  | 15 | 27 | 39 | 48 | 51 | 50 | 45 | 39 | 35 | 35 | 40 | 971  | 40.5 | F | 3:3   | 77  | 17:8  | 52 | *  | *  | *    | *  | 10:55 | 2  | 21:27 | 35 | *  | *  | *  | *  |
| 26 | 49   | 60 | 72 | 80 | 81 | 76 | 65 | 51 | 35 | 20 | 8  | 1  | 0  | 6  | 17 | 30 | 42 | 50 | 52 | 49 | 43 | 37 | 35 | 36 | 995  | 41.5 |   | 3:45  | 82  | 17:52 | 52 | *  | *  | *    | *  | 11:41 | #0 | 22:10 | 35 | *  | *  | *  | *  |
| 27 | 42   | 52 | 64 | 76 | 82 | 82 | 75 | 63 | 48 | 32 | 18 | 7  | 2  | 2  | 9  | 22 | 35 | 45 | 51 | 51 | 47 | 41 | 36 | 34 | 1016 | 42.3 |   | 4:28  | #83 | 18:34 | 52 | *  | *  | *    | *  | 12:26 | 1  | 22:55 | 34 | *  | *  | *  | *  |
| 28 | 37   | 44 | 54 | 67 | 77 | 82 | 80 | 73 | 60 | 45 | 30 | 18 | 9  | 5  | 7  | 15 | 28 | 39 | 48 | 51 | 50 | 46 | 40 | 35 | 1040 | 43.3 |   | 5:14  | 82  | 19:16 | 52 | *  | *  | *    | *  | 13:9  | 5  | 23:44 | 34 | *  | *  | *  | *  |
| 29 | 34   | 37 | 45 | 55 | 67 | 75 | 78 | 76 | 68 | 56 | 43 | 29 | 19 | 12 | 10 | 14 | 22 | 34 | 43 | 50 | 52 | 50 | 45 | 39 | 1053 | 43.9 |   | 6:2   | 78  | 19:59 | 52 | *  | *  | *    | *  | 13:52 | 10 | *     | *  | *  | *  | *  | *  |
| 30 | 35   | 35 | 38 | 45 | 54 | 64 | 71 | 73 | 70 | 62 | 52 | 40 | 29 | 21 | 16 | 16 | 21 | 29 | 39 | 47 | 52 | 53 | 50 | 45 | 1057 | 44.0 |   | 6:52  | 73  | 20:45 | 53 | *  | *  | *    | *  | 0:39  | 34 | 14:34 | 16 | *  | *  | *  | *  |
| 31 | 40   | 36 | 35 | 38 | 43 | 51 | 59 | 64 | 65 | 63 | 56 | 48 | 39 | 30 | 24 | 21 | 22 | 27 | 35 | 44 | 50 | 54 | 54 | 51 | 1049 | 43.7 |   | 7:47  | 65  | 21:35 | 54 | *  | *  | *    | *  | 1:44  | 35 | 15:15 | 21 | *  | *  | *  | *  |

| 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      | 29832        | 40.1          | 27日4時28分 | 83 | 1  | 26日11時41分 | 0  | 1  |

## 推算潮位（毎時・満干潮）

地点名：吉岡

緯度：41°27' N

経度：140°14' E

潮位表基準面の零点：平均海面下 45.0(cm)

2013 年 6 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 満潮   |      |   |       |     |       |    |    | 干潮 |      |    |       |    |       |    |    |    |    |    |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---|-------|-----|-------|----|----|----|------|----|-------|----|-------|----|----|----|----|----|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 47   | 41 | 38 | 36 | 37 | 41 | 47 | 53 | 57 | 58 | 56 | 51 | 45 | 38 | 31 | 27 | 26 | 27 | 33 | 40 | 48 | 53 | 56 | 56 | 1042 | 43.4 | L | 8:51  | 58  | 22:30 | 57 | *  | *  | *    | *  | 3: 7  | 36 | 15:57 | 26 | *  | *  | *  | *  |
| 2  | 54   | 49 | 43 | 39 | 36 | 35 | 37 | 41 | 46 | 49 | 51 | 50 | 47 | 43 | 38 | 33 | 30 | 29 | 32 | 37 | 44 | 51 | 56 | 59 | 1029 | 42.9 |   | 10:12 | 51  | 23:29 | 59 | *  | *  | *    | *  | 4:44  | 35 | 16:42 | 29 | *  | *  | *  | *  |
| 3  | 59   | 56 | 51 | 45 | 39 | 34 | 32 | 32 | 35 | 39 | 43 | 46 | 47 | 46 | 43 | 39 | 35 | 32 | 32 | 35 | 41 | 48 | 54 | 60 | 1023 | 42.6 |   | 11:58 | 47  | *     | *  | *  | *  | 6:19 | 32 | 17:29 | 32 | *     | *  | *  | *  |    |    |
| 4  | 62   | 62 | 59 | 53 | 45 | 37 | 31 | 27 | 27 | 29 | 34 | 39 | 43 | 46 | 46 | 44 | 40 | 36 | 34 | 35 | 38 | 44 | 51 | 58 | 1020 | 42.5 |   | 0:26  | 62  | 13:36 | 46 | *  | *  | *    | *  | 7:39  | 27 | 18:17 | 34 | *  | *  | *  | *  |
| 5  | 63   | 66 | 65 | 60 | 53 | 43 | 34 | 27 | 23 | 22 | 25 | 30 | 37 | 43 | 47 | 47 | 45 | 41 | 38 | 36 | 37 | 41 | 48 | 55 | 1026 | 42.8 |   | 1:15  | 66  | 14:45 | 47 | *  | *  | *    | *  | 8:41  | 22 | 19: 5 | 36 | *  | *  | *  | *  |
| 6  | 62   | 67 | 69 | 66 | 60 | 51 | 40 | 30 | 22 | 18 | 18 | 22 | 29 | 38 | 45 | 49 | 49 | 46 | 42 | 39 | 38 | 40 | 44 | 52 | 1036 | 43.2 |   | 1:56  | 69  | 15:36 | 50 | *  | *  | *    | *  | 9:32  | 17 | 19:50 | 37 | *  | *  | *  | *  |
| 7  | 60   | 67 | 71 | 71 | 67 | 58 | 48 | 36 | 25 | 18 | 14 | 15 | 22 | 31 | 41 | 48 | 51 | 51 | 47 | 42 | 39 | 39 | 42 | 48 | 1051 | 43.8 |   | 2:32  | 71  | 16:18 | 52 | *  | *  | *    | *  | 10:14 | 14 | 20:33 | 38 | *  | *  | *  | *  |
| 8  | 56   | 64 | 71 | 74 | 72 | 65 | 55 | 43 | 31 | 21 | 14 | 12 | 15 | 24 | 35 | 45 | 51 | 53 | 51 | 46 | 41 | 39 | 40 | 44 | 1062 | 44.3 |   | 3: 5  | 74  | 16:54 | 53 | *  | *  | *    | *  | 10:53 | 12 | 21:13 | 39 | *  | *  | *  | *  |
| 9  | 52   | 61 | 69 | 74 | 75 | 71 | 62 | 51 | 38 | 26 | 17 | 12 | 12 | 18 | 28 | 40 | 49 | 54 | 53 | 50 | 44 | 40 | 39 | 41 | 1076 | 44.8 | N | 3:37  | 75  | 17:27 | 54 | *  | *  | *    | *  | 11:28 | 11 | 21:51 | 39 | *  | *  | *  | *  |
| 10 | 47   | 56 | 65 | 73 | 76 | 74 | 68 | 58 | 46 | 33 | 22 | 15 | 12 | 15 | 23 | 34 | 45 | 52 | 55 | 53 | 48 | 42 | 39 | 39 | 1090 | 45.4 |   | 4: 9  | 76  | 17:58 | 55 | *  | *  | *    | *  | 12: 1 | 12 | 22:29 | 38 | *  | *  | *  | *  |
| 11 | 43   | 50 | 60 | 69 | 75 | 76 | 72 | 64 | 53 | 40 | 29 | 20 | 14 | 14 | 20 | 29 | 41 | 50 | 54 | 54 | 51 | 45 | 40 | 38 | 1101 | 45.9 |   | 4:42  | 76  | 18:29 | 55 | *  | *  | *    | *  | 12:32 | 14 | 23: 7 | 38 | *  | *  | *  | *  |
| 12 | 39   | 45 | 53 | 63 | 71 | 75 | 74 | 68 | 59 | 47 | 36 | 26 | 19 | 16 | 18 | 26 | 36 | 46 | 53 | 55 | 53 | 49 | 43 | 39 | 1109 | 46.2 |   | 5:17  | 75  | 19: 2 | 55 | *  | *  | *    | *  | 13: 3 | 16 | 23:46 | 38 | *  | *  | *  | *  |
| 13 | 38   | 41 | 47 | 56 | 64 | 71 | 73 | 70 | 63 | 53 | 42 | 32 | 24 | 19 | 19 | 24 | 32 | 42 | 50 | 55 | 55 | 52 | 47 | 42 | 1111 | 46.3 |   | 5:54  | 73  | 19:36 | 55 | *  | *  | *    | *  | 13:34 | 19 | *     | *  | *  | *  |    |    |
| 14 | 39   | 39 | 42 | 49 | 57 | 64 | 69 | 69 | 65 | 57 | 48 | 38 | 30 | 24 | 21 | 23 | 29 | 37 | 46 | 53 | 56 | 55 | 51 | 46 | 1107 | 46.1 |   | 6:32  | 69  | 20:13 | 56 | *  | *  | *    | *  | 0:28  | 38 | 14: 5 | 21 | *  | *  | *  | *  |
| 15 | 41   | 39 | 40 | 44 | 49 | 56 | 62 | 65 | 64 | 59 | 52 | 44 | 36 | 29 | 25 | 25 | 28 | 34 | 43 | 50 | 55 | 56 | 55 | 50 | 1101 | 45.9 |   | 7:15  | 65  | 20:54 | 56 | *  | *  | *    | *  | 1:15  | 39 | 14:39 | 25 | *  | *  | *  | *  |
| 16 | 46   | 42 | 40 | 41 | 44 | 48 | 54 | 58 | 60 | 58 | 54 | 48 | 41 | 35 | 30 | 28 | 29 | 33 | 40 | 47 | 54 | 57 | 58 | 55 | 1100 | 45.8 |   | 8: 5  | 60  | 21:37 | 58 | *  | *  | *    | *  | 2:15  | 40 | 15:15 | 28 | *  | *  | *  | *  |
| 17 | 51   | 46 | 42 | 40 | 40 | 42 | 45 | 49 | 53 | 54 | 53 | 50 | 46 | 41 | 36 | 33 | 32 | 33 | 38 | 44 | 52 | 57 | 60 | 60 | 1097 | 45.7 | U | 9: 9  | 54  | 22:24 | 61 | *  | *  | *    | *  | 3:37  | 40 | 15:55 | 32 | *  | *  | *  | *  |
| 18 | 57   | 52 | 47 | 42 | 39 | 37 | 37 | 40 | 43 | 46 | 48 | 49 | 48 | 45 | 42 | 38 | 36 | 35 | 38 | 43 | 49 | 56 | 62 | 64 | 1093 | 45.5 |   | 10:48 | 49  | 23:14 | 64 | *  | *  | *    | *  | 5:19  | 37 | 16:41 | 35 | *  | *  | *  | *  |
| 19 | 63   | 60 | 54 | 47 | 41 | 36 | 33 | 32 | 33 | 36 | 40 | 44 | 46 | 47 | 47 | 44 | 41 | 39 | 39 | 42 | 47 | 54 | 62 | 67 | 1094 | 45.6 |   | 13: 1 | 47  | *     | *  | *  | *  | 6:56 | 32 | 17:32 | 39 | *     | *  | *  | *  |    |    |
| 20 | 69   | 68 | 63 | 56 | 47 | 39 | 32 | 27 | 25 | 26 | 29 | 35 | 41 | 46 | 49 | 49 | 47 | 44 | 41 | 42 | 45 | 51 | 59 | 67 | 1097 | 45.7 |   | 0: 8  | 69  | 14:32 | 49 | *  | *  | *    | *  | 8:12  | 25 | 18:25 | 41 | *  | *  | *  | *  |
| 21 | 73   | 75 | 73 | 67 | 57 | 46 | 36 | 27 | 21 | 18 | 19 | 24 | 32 | 40 | 47 | 51 | 51 | 49 | 45 | 43 | 43 | 47 | 54 | 63 | 1101 | 45.9 |   | 1: 2  | 75  | 15:33 | 52 | *  | *  | *    | *  | 9:13  | 18 | 19:19 | 43 | *  | *  | *  | *  |
| 22 | 72   | 79 | 81 | 77 | 69 | 58 | 45 | 32 | 22 | 15 | 12 | 14 | 21 | 32 | 42 | 50 | 54 | 53 | 49 | 45 | 43 | 44 | 48 | 57 | 1114 | 46.4 |   | 1:54  | 81  | 16:20 | 54 | *  | *  | *    | *  | 10: 4 | 12 | 20:14 | 43 | *  | *  | *  | *  |
| 23 | 67   | 77 | 84 | 85 | 81 | 71 | 57 | 43 | 29 | 18 | 11 | 9  | 13 | 22 | 34 | 46 | 53 | 56 | 54 | 49 | 44 | 41 | 43 | 49 | 1136 | 47.3 | F | 2:44  | 85  | 17: 0 | 56 | *  | *  | *    | *  | 10:51 | 9  | 21: 8 | 41 | *  | *  | *  | *  |
| 24 | 58   | 70 | 81 | 87 | 88 | 82 | 70 | 56 | 40 | 26 | 15 | 9  | 8  | 15 | 26 | 39 | 50 | 56 | 57 | 53 | 47 | 41 | 39 | 41 | 1154 | 48.1 |   | 3:33  | #89 | 17:37 | 57 | *  | *  | *    | *  | 11:33 | #8 | 22: 1 | 39 | *  | *  | *  | *  |
| 25 | 48   | 59 | 72 | 83 | 89 | 88 | 80 | 68 | 53 | 37 | 24 | 14 | 9  | 11 | 20 | 33 | 46 | 55 | 59 | 57 | 52 | 45 | 39 | 37 | 1178 | 49.1 |   | 4:21  | #89 | 18:13 | 59 | *  | *  | *    | *  | 12:13 | 9  | 22:54 | 37 | *  | *  | *  | *  |
| 26 | 40   | 48 | 59 | 72 | 82 | 87 | 85 | 76 | 64 | 49 | 34 | 23 | 15 | 13 | 18 | 28 | 41 | 52 | 59 | 61 | 57 | 50 | 43 | 37 | 1193 | 49.7 |   | 5: 9  | 87  | 18:48 | 61 | *  | *  | *    | *  | 12:50 | 13 | 23:48 | 36 | *  | *  | *  | *  |
| 27 | 36   | 39 | 47 | 59 | 71 | 79 | 82 | 79 | 71 | 58 | 45 | 32 | 23 | 18 | 19 | 26 | 37 | 48 | 58 | 62 | 62 | 57 | 49 | 42 | 1199 | 50.0 |   | 5:56  | 82  | 19:24 | 63 | *  | *  | *    | *  | 13:24 | 18 | *     | *  | *  | *  |    |    |
| 28 | 37   | 36 | 39 | 47 | 57 | 68 | 74 | 76 | 72 | 64 | 53 | 41 | 31 | 25 | 23 | 26 | 34 | 45 | 55 | 62 | 64 | 62 | 57 | 49 | 1197 | 49.9 |   | 6:44  | 76  | 20: 3 | 64 | *  | *  | *    | *  | 0:43  | 36 | 13:55 | 23 | *  | *  | *  | *  |
| 29 | 42   | 37 | 37 | 40 | 46 | 55 | 63 | 68 | 68 | 64 | 57 | 48 | 39 | 32 | 28 | 29 | 33 | 42 | 51 | 60 | 65 | 66 | 63 | 57 | 1190 | 49.6 |   | 7:32  | 68  | 20:45 | 66 | *  | *  | *    | *  | 1:45  | 36 | 14:24 | 28 | *  | *  | *  | *  |
| 30 | 50   | 44 | 39 | 38 | 40 | 45 | 51 | 57 | 60 | 60 | 57 | 51 | 44 | 38 | 34 | 32 | 35 | 40 | 48 | 56 | 63 | 67 | 67 | 64 | 1180 | 49.2 | L | 8:25  | 60  | 21:34 | 67 | *  | *  | *    | *  | 2:55  | 38 | 14:54 | 32 | *  | *  | *  | *  |

| 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 | 33107 | 46.0 | 25日4時21分 | 89 | 2  | 24日11時33分 | 8  | 1  |

## 推算潮位（毎時・満干潮）

地点名：吉岡

緯度：41°27' N

経度：140°14' E

潮位表基準面の零点：平均海面下 45.0(cm)

2013 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  | 59   | 52 | 46 | 41 | 39 | 39 | 42 | 47 | 51 | 53 | 53 | 51 | 47 | 43 | 39 | 37 | 37 | 40 | 45 | 52 | 60 | 65 | 68 | 68 | 1174 | 48.9 |   | 9:30  | 53   | 22:29 | 68 | *  | *  | *    | *  | 4:21  | 39   | 15:29 | 36 | *  | *  | *  | *  |
| 2  | 65   | 60 | 54 | 48 | 42 | 39 | 37 | 39 | 42 | 45 | 47 | 49 | 48 | 47 | 44 | 41 | 40 | 41 | 44 | 49 | 56 | 62 | 67 | 69 | 1175 | 49.0 |   | 11:15 | 49   | 23:32 | 70 | *  | *  | *    | *  | 5:57  | 37   | 16:13 | 40 | *  | *  | *  | *  |
| 3  | 70   | 67 | 62 | 56 | 49 | 42 | 37 | 34 | 35 | 37 | 40 | 44 | 46 | 48 | 48 | 46 | 44 | 43 | 44 | 47 | 52 | 58 | 64 | 69 | 1182 | 49.3 |   | 13:25 | 48   | *     | *  | *  | *  | 7:26 | 34 | 17:10 | 43   | *     | *  | *  | *  |    |    |
| 4  | 71   | 71 | 69 | 64 | 56 | 48 | 40 | 34 | 31 | 30 | 33 | 37 | 43 | 47 | 50 | 50 | 49 | 47 | 45 | 46 | 49 | 54 | 60 | 66 | 1190 | 49.6 |   | 0:34  | 72   | 14:43 | 50 | *  | *  | *    | *  | 8:35  | 30   | 18:14 | 45 | *  | *  | *  | *  |
| 5  | 71   | 74 | 74 | 70 | 64 | 55 | 45 | 37 | 30 | 27 | 27 | 31 | 37 | 44 | 50 | 53 | 53 | 51 | 48 | 46 | 47 | 50 | 56 | 62 | 1202 | 50.1 |   | 1:27  | 74   | 15:32 | 53 | *  | *  | *    | *  | 9:25  | 26   | 19:14 | 46 | *  | *  | *  | *  |
| 6  | 69   | 74 | 76 | 75 | 70 | 62 | 52 | 41 | 32 | 26 | 23 | 25 | 31 | 39 | 48 | 54 | 56 | 55 | 51 | 48 | 46 | 47 | 51 | 57 | 1208 | 50.3 |   | 2:10  | 77   | 16: 8 | 56 | *  | *  | *    | *  | 10: 6 | 23   | 20: 7 | 46 | *  | *  | *  | *  |
| 7  | 65   | 72 | 77 | 79 | 76 | 69 | 59 | 48 | 37 | 28 | 22 | 21 | 25 | 34 | 44 | 52 | 57 | 58 | 55 | 50 | 46 | 45 | 47 | 52 | 1218 | 50.8 |   | 2:48  | 79   | 16:39 | 58 | *  | *  | *    | *  | 10:41 | 21   | 20:55 | 45 | *  | *  | *  | *  |
| 8  | 60   | 68 | 76 | 80 | 80 | 75 | 66 | 55 | 43 | 32 | 24 | 20 | 21 | 28 | 39 | 49 | 57 | 60 | 58 | 54 | 48 | 44 | 44 | 47 | 1228 | 51.2 | N | 3:24  | 81   | 17: 8 | 60 | *  | *  | *    | *  | 11:13 | 20   | 21:39 | 43 | *  | *  | *  | *  |
| 9  | 54   | 63 | 72 | 79 | 82 | 79 | 72 | 61 | 49 | 37 | 27 | 21 | 20 | 25 | 34 | 45 | 55 | 60 | 61 | 57 | 51 | 45 | 42 | 43 | 1234 | 51.4 |   | 3:58  | 82   | 17:35 | 61 | *  | *  | *    | *  | 11:42 | 20   | 22:21 | 42 | *  | *  | *  | *  |
| 10 | 47   | 56 | 66 | 75 | 81 | 81 | 76 | 67 | 55 | 43 | 32 | 24 | 21 | 23 | 30 | 41 | 52 | 59 | 62 | 60 | 55 | 48 | 43 | 40 | 1237 | 51.5 |   | 4:33  | 81   | 18: 2 | 62 | *  | *  | *    | *  | 12: 9 | 21   | 23: 1 | 40 | *  | *  | *  | *  |
| 11 | 43   | 49 | 58 | 68 | 76 | 80 | 78 | 71 | 61 | 49 | 38 | 29 | 23 | 23 | 28 | 37 | 48 | 57 | 63 | 63 | 58 | 52 | 45 | 41 | 1238 | 51.6 |   | 5: 8  | 80   | 18:30 | 63 | *  | *  | *    | *  | 12:35 | 22   | 23:41 | 40 | *  | *  | *  | *  |
| 12 | 40   | 43 | 51 | 60 | 70 | 76 | 77 | 73 | 65 | 55 | 43 | 34 | 27 | 25 | 27 | 34 | 45 | 55 | 62 | 64 | 62 | 56 | 49 | 43 | 1236 | 51.5 |   | 5:44  | 78   | 18:59 | 64 | *  | *  | *    | *  | 13: 0 | 25   | *     | *  | *  | *  | *  | *  |
| 13 | 40   | 40 | 45 | 52 | 62 | 70 | 74 | 73 | 68 | 59 | 49 | 39 | 32 | 28 | 28 | 33 | 42 | 52 | 60 | 65 | 65 | 61 | 54 | 47 | 1238 | 51.6 |   | 6:21  | 74   | 19:30 | 65 | *  | *  | *    | *  | 0:22  | 40   | 13:25 | 27 | *  | *  | *  | *  |
| 14 | 42   | 40 | 41 | 46 | 53 | 61 | 67 | 70 | 68 | 62 | 53 | 44 | 37 | 32 | 31 | 33 | 40 | 49 | 58 | 64 | 67 | 65 | 60 | 53 | 1236 | 51.5 |   | 7: 1  | 70   | 20: 3 | 67 | *  | *  | *    | *  | 1: 7  | 40   | 13:49 | 31 | *  | *  | *  | *  |
| 15 | 47   | 42 | 41 | 42 | 46 | 53 | 59 | 63 | 64 | 61 | 56 | 49 | 42 | 37 | 35 | 35 | 40 | 47 | 55 | 63 | 68 | 69 | 65 | 60 | 1239 | 51.6 |   | 7:46  | 64   | 20:41 | 69 | *  | *  | *    | *  | 2: 0  | 41   | 14:15 | 34 | *  | *  | *  | *  |
| 16 | 53   | 47 | 43 | 41 | 42 | 45 | 50 | 54 | 57 | 58 | 56 | 52 | 47 | 42 | 39 | 39 | 41 | 46 | 53 | 61 | 67 | 71 | 71 | 67 | 1242 | 51.8 | U | 8:42  | 58   | 21:26 | 71 | *  | *  | *    | *  | 3:11  | 41   | 14:45 | 39 | *  | *  | *  | *  |
| 17 | 61   | 54 | 48 | 44 | 41 | 40 | 42 | 45 | 48 | 51 | 52 | 51 | 50 | 47 | 44 | 43 | 43 | 46 | 51 | 58 | 65 | 71 | 74 | 73 | 1242 | 51.8 |   | 10:11 | 52   | 22:20 | 74 | *  | *  | *    | *  | 4:48  | 40   | 15:22 | 43 | *  | *  | *  | *  |
| 18 | 70   | 64 | 57 | 50 | 44 | 39 | 37 | 37 | 38 | 41 | 44 | 47 | 49 | 50 | 49 | 48 | 47 | 47 | 50 | 54 | 61 | 68 | 74 | 77 | 1242 | 51.8 |   | 12:55 | 50   | 23:26 | 78 | *  | *  | *    | *  | 6:39  | 37   | 16:16 | 47 | *  | *  | *  | *  |
| 19 | 77   | 74 | 67 | 59 | 51 | 43 | 37 | 32 | 31 | 32 | 35 | 40 | 45 | 49 | 51 | 52 | 51 | 49 | 49 | 51 | 56 | 63 | 71 | 77 | 1242 | 51.8 |   | 14:38 | 52   | *     | *  | *  | *  | 8: 7 | 31 | 17:32 | 49   | *     | *  | *  | *  |    |    |
| 20 | 81   | 82 | 78 | 71 | 62 | 51 | 41 | 33 | 27 | 25 | 26 | 31 | 38 | 45 | 51 | 55 | 55 | 52 | 50 | 49 | 51 | 56 | 63 | 72 | 1245 | 51.9 |   | 0:36  | 82   | 15:30 | 55 | *  | *  | *    | *  | 9:10  | 25   | 18:50 | 49 | *  | *  | *  | *  |
| 21 | 80   | 85 | 86 | 82 | 74 | 63 | 50 | 38 | 29 | 22 | 20 | 22 | 30 | 39 | 49 | 55 | 58 | 56 | 53 | 49 | 47 | 49 | 54 | 63 | 1253 | 52.2 |   | 1:40  | 86   | 16: 7 | 58 | *  | *  | *    | *  | 9:59  | 20   | 20: 0 | 47 | *  | *  | *  | *  |
| 22 | 73   | 83 | 89 | 90 | 85 | 75 | 62 | 48 | 35 | 25 | 19 | 18 | 23 | 32 | 44 | 54 | 60 | 60 | 57 | 51 | 46 | 44 | 46 | 52 | 1271 | 53.0 |   | 2:38  | 90   | 16:39 | 61 | *  | *  | *    | *  | 10:40 | # 17 | 21: 2 | 44 | *  | *  | *  | *  |
| 23 | 62   | 74 | 85 | 91 | 91 | 85 | 73 | 59 | 44 | 31 | 22 | 17 | 19 | 27 | 39 | 51 | 60 | 63 | 62 | 56 | 48 | 42 | 40 | 42 | 1283 | 53.5 | F | 3:29  | # 92 | 17:10 | 64 | *  | *  | *    | *  | 11:17 | # 17 | 22: 0 | 40 | *  | *  | *  | *  |
| 24 | 50   | 61 | 74 | 85 | 91 | 89 | 82 | 70 | 55 | 40 | 29 | 21 | 19 | 24 | 34 | 47 | 59 | 65 | 66 | 62 | 54 | 45 | 39 | 37 | 1298 | 54.1 |   | 4:18  | 91   | 17:40 | 67 | *  | *  | *    | *  | 11:50 | 19   | 22:54 | 37 | *  | *  | *  | *  |
| 25 | 40   | 48 | 61 | 74 | 84 | 88 | 85 | 77 | 64 | 50 | 37 | 27 | 22 | 24 | 31 | 43 | 56 | 65 | 69 | 68 | 61 | 51 | 42 | 36 | 1303 | 54.3 |   | 5: 4  | 88   | 18:11 | 70 | *  | *  | *    | *  | 12:19 | 22   | 23:46 | 35 | *  | *  | *  | *  |
| 26 | 35   | 39 | 48 | 60 | 73 | 81 | 83 | 79 | 70 | 57 | 45 | 34 | 28 | 26 | 31 | 40 | 53 | 64 | 71 | 72 | 68 | 60 | 50 | 41 | 1308 | 54.5 |   | 5:48  | 83   | 18:44 | 72 | *  | *  | *    | *  | 12:45 | 26   | *     | *  | *  | *  | *  | *  |
| 27 | 36   | 35 | 39 | 48 | 60 | 70 | 76 | 76 | 71 | 62 | 51 | 41 | 33 | 30 | 32 | 39 | 49 | 61 | 70 | 74 | 73 | 67 | 59 | 49 | 1301 | 54.2 |   | 6:31  | 76   | 19:18 | 74 | *  | *  | *    | *  | 0:39  | 34   | 13: 8 | 30 | *  | *  | *  | *  |
| 28 | 41   | 37 | 37 | 41 | 49 | 58 | 66 | 69 | 68 | 63 | 55 | 46 | 39 | 35 | 35 | 39 | 47 | 57 | 66 | 73 | 75 | 72 | 67 | 59 | 1294 | 53.9 |   | 7:14  | 69   | 19:57 | 75 | *  | *  | *    | *  | 1:34  | 36   | 13:30 | 34 | *  | *  | *  | *  |
| 29 | 50   | 43 | 40 | 39 | 42 | 48 | 55 | 60 | 62 | 60 | 56 | 50 | 44 | 40 | 38 | 40 | 45 | 53 | 62 | 70 | 74 | 75 | 72 | 66 | 1284 | 53.5 |   | 7:58  | 62   | 20:39 | 75 | *  | *  | *    | *  | 2:36  | 39   | 13:54 | 38 | *  | *  | *  | *  |
| 30 | 59   | 52 | 46 | 43 | 41 | 43 | 47 | 52 | 55 | 56 | 54 | 51 | 47 | 44 | 42 | 42 | 45 | 51 | 58 | 65 | 71 | 74 | 74 | 71 | 1283 | 53.5 | L | 8:51  | 56   | 21:30 | 74 | *  | *  | *    | *  | 3:53  | 41   | 14:20 | 42 | *  | *  | *  | *  |
| 31 | 67   | 61 | 55 | 49 | 45 | 43 | 43 | 45 | 47 | 50 | 51 | 50 | 49 | 48 | 46 | 46 | 47 | 50 | 55 | 61 | 67 | 71 | 74 | 74 | 1294 | 53.9 |   | 10:20 | 51   | 22:35 | 74 | *  | *  | *    | *  | 5:28  | 42   | 14:54 | 46 | *  | *  | *  | *  |

| 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      | 38620        | 51.9          | 23日 3時 29分 | 92 | 1  | 23日 11時 17分 | 17 | 2  |

# 推算潮位 (毎時・満干潮)

地点名: 吉岡

緯度: 41 °27 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 45.0(cm)

2013 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  | 72   | 68 | 63 | 57 | 51 | 45 | 42 | 40 | 41 | 43 | 46 | 48 | 49 | 50 | 50 | 49 | 49 | 50 | 52 | 57 | 62 | 67 | 71 | 74 | 1296 | 54.0 |   | 13:20 | 50   | 23:53 | 75 | *  | *  | *    | *  | 7: 8  | 40   | 15:54 | 49 | *  | *  | *  | *  |
| 2  | 75   | 73 | 70 | 65 | 58 | 51 | 44 | 39 | 37 | 37 | 40 | 43 | 47 | 51 | 53 | 53 | 52 | 51 | 51 | 53 | 57 | 62 | 67 | 72 | 1301 | 54.2 |   | 14:43 | 53   | *     | *  | *  | *  | 8:22 | 37 | 17:27 | 51   | *     | *  | *  | *  |    |    |
| 3  | 75   | 76 | 75 | 71 | 65 | 57 | 48 | 41 | 35 | 33 | 34 | 38 | 44 | 50 | 54 | 56 | 56 | 54 | 52 | 51 | 53 | 57 | 62 | 68 | 1305 | 54.4 |   | 1: 1  | 76   | 15:21 | 56 | *  | *  | *    | *  | 9:11  | 33   | 18:48 | 51 | *  | *  | *  | *  |
| 4  | 74   | 78 | 79 | 77 | 71 | 63 | 54 | 44 | 36 | 31 | 30 | 33 | 39 | 47 | 53 | 58 | 59 | 57 | 54 | 51 | 50 | 51 | 56 | 62 | 1307 | 54.5 |   | 1:53  | 79   | 15:50 | 59 | *  | *  | *    | *  | 9:48  | 30   | 19:52 | 50 | *  | *  | *  | *  |
| 5  | 70   | 76 | 80 | 81 | 77 | 70 | 60 | 49 | 39 | 31 | 28 | 28 | 34 | 42 | 51 | 58 | 61 | 60 | 56 | 52 | 48 | 47 | 50 | 55 | 1303 | 54.3 |   | 2:35  | 81   | 16:15 | 61 | *  | *  | *    | *  | 10:20 | 27   | 20:45 | 47 | *  | *  | *  | *  |
| 6  | 63   | 72 | 79 | 82 | 81 | 75 | 66 | 55 | 43 | 34 | 27 | 26 | 30 | 38 | 48 | 57 | 62 | 63 | 60 | 54 | 48 | 44 | 44 | 48 | 1299 | 54.1 |   | 3:13  | 82   | 16:39 | 63 | *  | *  | *    | *  | 10:48 | 26   | 21:32 | 44 | *  | *  | *  | *  |
| 7  | 55   | 65 | 75 | 81 | 83 | 79 | 71 | 61 | 49 | 37 | 29 | 26 | 27 | 34 | 44 | 55 | 63 | 65 | 63 | 58 | 50 | 44 | 41 | 42 | 1297 | 54.0 | N | 3:49  | 83   | 17: 2 | 65 | *  | *  | *    | *  | 11:13 | 25   | 22:15 | 41 | *  | *  | *  | *  |
| 8  | 48   | 57 | 68 | 77 | 82 | 81 | 76 | 66 | 54 | 42 | 33 | 27 | 26 | 31 | 41 | 52 | 62 | 67 | 67 | 62 | 54 | 46 | 40 | 39 | 1298 | 54.1 |   | 4:24  | 82   | 17:26 | 67 | *  | *  | *    | *  | 11:37 | 26   | 22:55 | 39 | *  | *  | *  | *  |
| 9  | 41   | 48 | 59 | 70 | 78 | 81 | 78 | 70 | 59 | 48 | 37 | 30 | 27 | 30 | 38 | 50 | 60 | 67 | 69 | 66 | 59 | 50 | 42 | 38 | 1295 | 54.0 |   | 5: 0  | 81   | 17:50 | 69 | *  | *  | *    | *  | 11:59 | 27   | 23:35 | 37 | *  | *  | *  | *  |
| 10 | 37   | 42 | 50 | 61 | 71 | 77 | 78 | 73 | 64 | 53 | 42 | 34 | 30 | 31 | 37 | 47 | 58 | 67 | 71 | 70 | 64 | 56 | 47 | 40 | 1300 | 54.2 |   | 5:35  | 78   | 18:16 | 71 | *  | *  | *    | *  | 12:20 | 30   | *     | *  | *  | *  | *  | *  |
| 11 | 37   | 38 | 43 | 52 | 62 | 71 | 74 | 73 | 67 | 57 | 47 | 39 | 33 | 33 | 37 | 45 | 56 | 66 | 72 | 73 | 70 | 62 | 53 | 45 | 1305 | 54.4 |   | 6:12  | 74   | 18:44 | 73 | *  | *  | *    | *  | 0:16  | 36   | 12:40 | 32 | *  | *  | *  | *  |
| 12 | 39   | 37 | 39 | 45 | 53 | 62 | 68 | 70 | 67 | 60 | 52 | 44 | 38 | 36 | 38 | 44 | 53 | 63 | 71 | 75 | 74 | 69 | 60 | 52 | 1309 | 54.5 |   | 6:51  | 70   | 19:16 | 75 | *  | *  | *    | *  | 1: 0  | 37   | 13: 0 | 36 | *  | *  | *  | *  |
| 13 | 44   | 39 | 38 | 40 | 46 | 53 | 59 | 63 | 64 | 60 | 55 | 48 | 42 | 39 | 40 | 44 | 51 | 60 | 69 | 75 | 77 | 74 | 68 | 60 | 1308 | 54.5 |   | 7:35  | 64   | 19:54 | 77 | *  | *  | *    | *  | 1:51  | 38   | 13:22 | 39 | *  | *  | *  | *  |
| 14 | 52   | 45 | 41 | 40 | 41 | 45 | 50 | 55 | 57 | 57 | 55 | 51 | 47 | 44 | 43 | 45 | 50 | 57 | 65 | 73 | 77 | 78 | 75 | 69 | 1312 | 54.7 | U | 8:29  | 58   | 20:41 | 78 | *  | *  | *    | *  | 2:59  | 40   | 13:46 | 43 | *  | *  | *  | *  |
| 15 | 62   | 54 | 48 | 43 | 41 | 40 | 42 | 46 | 49 | 51 | 52 | 51 | 50 | 48 | 47 | 47 | 50 | 54 | 61 | 68 | 75 | 79 | 79 | 77 | 1314 | 54.8 |   | 10: 0 | 52   | 21:41 | 79 | *  | *  | *    | *  | 4:36  | 40   | 14:14 | 47 | *  | *  | *  | *  |
| 16 | 71   | 64 | 57 | 50 | 44 | 40 | 38 | 38 | 40 | 43 | 46 | 48 | 50 | 50 | 50 | 50 | 50 | 52 | 56 | 62 | 69 | 75 | 79 | 81 | 1303 | 54.3 |   | 22:59 | 81   | *     | *  | *  | *  | 6:30 | 38 | *     | *    | *     | *  | *  | *  |    |    |
| 17 | 79   | 75 | 68 | 60 | 52 | 45 | 39 | 35 | 33 | 34 | 38 | 42 | 47 | 51 | 53 | 53 | 53 | 52 | 53 | 56 | 61 | 67 | 74 | 80 | 1300 | 54.2 |   | 14:39 | 53   | *     | *  | *  | *  | 8: 0 | 33 | 17: 3 | 52   | *     | *  | *  | *  |    |    |
| 18 | 83   | 82 | 78 | 72 | 62 | 52 | 43 | 35 | 30 | 29 | 31 | 36 | 43 | 49 | 54 | 57 | 56 | 53 | 51 | 50 | 52 | 57 | 65 | 73 | 1293 | 53.9 |   | 0:24  | 83   | 15:12 | 57 | *  | *  | *    | *  | 8:57  | 29   | 18:46 | 50 | *  | *  | *  | *  |
| 19 | 80   | 85 | 85 | 81 | 73 | 63 | 51 | 40 | 32 | 26 | 26 | 30 | 37 | 46 | 54 | 59 | 60 | 57 | 52 | 48 | 46 | 48 | 53 | 62 | 1294 | 53.9 |   | 1:36  | 86   | 15:40 | 60 | *  | *  | *    | *  | 9:40  | 25   | 20: 3 | 46 | *  | *  | *  | *  |
| 20 | 72   | 81 | 87 | 87 | 82 | 73 | 61 | 48 | 36 | 28 | 24 | 26 | 32 | 43 | 53 | 61 | 64 | 62 | 56 | 49 | 43 | 41 | 42 | 49 | 1300 | 54.2 |   | 2:35  | # 88 | 16: 7 | 64 | *  | *  | *    | *  | 10:16 | # 24 | 21: 6 | 41 | *  | *  | *  | *  |
| 21 | 59   | 71 | 82 | 88 | 87 | 81 | 70 | 57 | 43 | 33 | 26 | 25 | 29 | 39 | 51 | 61 | 67 | 68 | 63 | 54 | 45 | 38 | 35 | 38 | 1310 | 54.6 | F | 3:26  | # 88 | 16:35 | 68 | *  | *  | *    | *  | 10:47 | # 24 | 22: 2 | 35 | *  | *  | *  | *  |
| 22 | 46   | 58 | 71 | 82 | 86 | 85 | 77 | 65 | 51 | 39 | 30 | 26 | 28 | 36 | 48 | 60 | 69 | 72 | 69 | 62 | 51 | 41 | 34 | 31 | 1317 | 54.9 |   | 4:13  | 87   | 17: 2 | 72 | *  | *  | *    | *  | 11:13 | 26   | 22:53 | 31 | *  | *  | *  | *  |
| 23 | 35   | 44 | 57 | 71 | 80 | 83 | 80 | 71 | 58 | 46 | 35 | 30 | 29 | 34 | 45 | 58 | 69 | 75 | 75 | 69 | 59 | 48 | 37 | 31 | 1319 | 55.0 |   | 4:56  | 83   | 17:31 | 76 | *  | *  | *    | *  | 11:37 | 29   | 23:43 | 30 | *  | *  | *  | *  |
| 24 | 30   | 34 | 45 | 58 | 70 | 77 | 78 | 73 | 63 | 52 | 41 | 34 | 32 | 34 | 42 | 54 | 66 | 75 | 78 | 75 | 68 | 57 | 45 | 36 | 1317 | 54.9 |   | 5:38  | 78   | 18: 1 | 78 | *  | *  | *    | *  | 11:58 | 32   | *     | *  | *  | *  | *  | *  |
| 25 | 31   | 31 | 36 | 46 | 58 | 67 | 72 | 71 | 65 | 56 | 46 | 39 | 35 | 36 | 41 | 51 | 63 | 73 | 78 | 79 | 74 | 66 | 55 | 45 | 1314 | 54.8 |   | 6:18  | 72   | 18:33 | 79 | *  | *  | *    | *  | 0:31  | 30   | 12:18 | 35 | *  | *  | *  | *  |
| 26 | 37   | 33 | 33 | 39 | 48 | 57 | 64 | 66 | 64 | 58 | 50 | 43 | 39 | 38 | 42 | 49 | 58 | 68 | 76 | 79 | 77 | 72 | 64 | 54 | 1308 | 54.5 |   | 6:57  | 66   | 19: 8 | 79 | *  | *  | *    | *  | 1:21  | 32   | 12:38 | 38 | *  | *  | *  | *  |
| 27 | 46   | 39 | 36 | 37 | 42 | 49 | 56 | 60 | 60 | 57 | 53 | 47 | 42 | 41 | 43 | 48 | 55 | 64 | 72 | 77 | 78 | 75 | 70 | 63 | 1310 | 54.6 |   | 7:38  | 60   | 19:46 | 78 | *  | *  | *    | *  | 2:17  | 36   | 12:59 | 41 | *  | *  | *  | *  |
| 28 | 55   | 48 | 43 | 40 | 40 | 43 | 48 | 53 | 55 | 55 | 53 | 49 | 46 | 44 | 44 | 47 | 53 | 59 | 67 | 72 | 76 | 76 | 73 | 69 | 1308 | 54.5 | L | 8:25  | 55   | 20:30 | 76 | *  | *  | *    | *  | 3:23  | 40   | 13:22 | 44 | *  | *  | *  | *  |
| 29 | 63   | 57 | 51 | 46 | 43 | 42 | 44 | 46 | 49 | 51 | 51 | 50 | 49 | 47 | 47 | 48 | 51 | 56 | 62 | 67 | 72 | 74 | 74 | 72 | 1312 | 54.7 |   | 9:39  | 51   | 21:30 | 74 | *  | *  | *    | *  | 4:49  | 42   | 13:44 | 47 | *  | *  | *  | *  |
| 30 | 69   | 64 | 59 | 53 | 48 | 44 | 42 | 42 | 43 | 46 | 48 | 49 | 50 | 50 | 50 | 51 | 51 | 54 | 57 | 61 | 66 | 70 | 72 | 73 | 1312 | 54.7 |   | 22:56 | 73   | *     | *  | *  | *  | 6:27 | 41 | *     | *    | *     | *  | *  | *  |    |    |
| 31 | 72   | 70 | 66 | 60 | 54 | 47 | 42 | 39 | 39 | 40 | 43 | 46 | 50 | 52 | 53 | 53 | 53 | 53 | 54 | 56 | 60 | 64 | 69 | 72 | 1307 | 54.5 |   | 14:36 | 53   | *     | *  | *  | *  | 7:46 | 39 | 16:46 | 53   | *     | *  | *  | *  |    |    |

| 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      | 40473        | 54.4          | 21日 3時 26分 | 88 | 2  | 21日 10時 47分 | 24 | 2  |



# 推算潮位（毎時・満干潮）

地点名：吉岡

緯度：41 °27 N

経度：140 °14 E

潮位表基準面の零点：平均海面下 45.0(cm)

2013 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  | 74   | 73 | 71 | 66 | 60 | 52 | 45 | 39 | 36 | 36 | 38 | 43 | 48 | 52 | 55 | 56 | 55 | 53 | 52 | 52 | 54 | 57 | 62 | 68   | 1297 | 54.0 |       | 0:25  | 74 | 14:57 | 56   | *  | *    | *    | *  | 8:36  | 35   | 18:34 | 51   | *  | *  | *  | *  |
| 2  | 72   | 75 | 75 | 72 | 66 | 58 | 49 | 41 | 35 | 32 | 33 | 38 | 45 | 51 | 57 | 59 | 59 | 56 | 52 | 49 | 48 | 50 | 55 | 61   | 1288 | 53.7 |       | 1:29  | 75 | 15:18 | 59   | *  | *    | *    | *  | 9:12  | 32   | 19:45 | 48   | *  | *  | *  | *  |
| 3  | 68   | 74 | 77 | 76 | 71 | 64 | 54 | 44 | 36 | 31 | 30 | 34 | 41 | 49 | 57 | 61 | 62 | 59 | 54 | 48 | 45 | 44 | 47 | 53   | 1279 | 53.3 |       | 2:17  | 77 | 15:40 | 62   | *  | *    | *    | *  | 9:42  | 30   | 20:40 | 44   | *  | *  | *  | *  |
| 4  | 61   | 69 | 76 | 78 | 75 | 69 | 59 | 49 | 39 | 32 | 29 | 30 | 37 | 46 | 56 | 62 | 65 | 63 | 57 | 50 | 43 | 40 | 40 | 44   | 1269 | 52.9 |       | 2:59  | 78 | 16: 0 | 65   | *  | *    | *    | *  | 10: 8 | 29   | 21:28 | 39   | *  | *  | *  | *  |
| 5  | 52   | 62 | 71 | 77 | 78 | 73 | 65 | 54 | 43 | 34 | 29 | 29 | 34 | 43 | 54 | 63 | 67 | 67 | 61 | 53 | 45 | 38 | 35 | 36   | 1263 | 52.6 | N     | 3:38  | 78 | 16:21 | 68   | *  | *    | *    | *  | 10:31 | 28   | 22:10 | 35   | *  | *  | *  | *  |
| 6  | 43   | 53 | 64 | 73 | 77 | 76 | 69 | 59 | 48 | 38 | 31 | 29 | 32 | 41 | 52 | 62 | 69 | 71 | 66 | 58 | 48 | 39 | 33 | 31   | 1262 | 52.6 |       | 4:15  | 77 | 16:43 | 71   | *  | *    | *    | *  | 10:53 | 29   | 22:51 | 31   | *  | *  | *  | *  |
| 7  | 35   | 43 | 54 | 65 | 73 | 75 | 72 | 64 | 53 | 42 | 34 | 31 | 32 | 39 | 50 | 61 | 70 | 74 | 72 | 64 | 54 | 43 | 35 | 30   | 1265 | 52.7 |       | 4:52  | 75 | 17: 6 | 74   | *  | *    | *    | *  | 11:14 | 31   | 23:32 | 29   | *  | *  | *  | *  |
| 8  | 30   | 35 | 44 | 56 | 66 | 72 | 72 | 67 | 58 | 47 | 39 | 34 | 33 | 38 | 47 | 59 | 70 | 76 | 76 | 71 | 61 | 50 | 39 | 32   | 1272 | 53.0 |       | 5:30  | 73 | 17:32 | 77   | *  | *    | *    | *  | 11:34 | 33   | *     | *    | *  | *  | *  | *  |
| 9  | 28   | 30 | 36 | 46 | 57 | 65 | 69 | 67 | 61 | 52 | 43 | 37 | 35 | 38 | 46 | 56 | 68 | 76 | 80 | 77 | 69 | 58 | 47 | 37   | 1278 | 53.3 |       | 6: 9  | 69 | 18: 1 | 80   | *  | *    | *    | *  | 0:13  | 28   | 11:54 | 35   | *  | *  | *  | *  |
| 10 | 31   | 29 | 31 | 38 | 47 | 57 | 63 | 64 | 61 | 55 | 48 | 41 | 38 | 39 | 44 | 53 | 64 | 74 | 80 | 81 | 76 | 67 | 56 | 46   | 1283 | 53.5 |       | 6:50  | 64 | 18:36 | 81   | *  | *    | *    | *  | 0:59  | 29   | 12:15 | 38   | *  | *  | *  | *  |
| 11 | 37   | 32 | 31 | 33 | 39 | 47 | 54 | 58 | 59 | 56 | 51 | 45 | 42 | 41 | 44 | 51 | 60 | 69 | 77 | 81 | 80 | 75 | 66 | 56   | 1284 | 53.5 |       | 7:37  | 59 | 19:16 | # 82 | *  | *    | *    | *  | 1:52  | 31   | 12:38 | 41   | *  | *  | *  | *  |
| 12 | 47   | 39 | 35 | 33 | 35 | 39 | 45 | 50 | 53 | 53 | 51 | 48 | 45 | 44 | 45 | 49 | 55 | 64 | 72 | 78 | 81 | 79 | 74 | 66   | 1280 | 53.3 |       | 8:37  | 54 | 20: 6 | 81   | *  | *    | *    | *  | 2:59  | 33   | 13: 3 | 44   | *  | *  | *  | *  |
| 13 | 58   | 49 | 43 | 38 | 35 | 36 | 38 | 42 | 46 | 48 | 49 | 49 | 48 | 47 | 47 | 49 | 52 | 58 | 64 | 71 | 76 | 79 | 78 | 74   | 1274 | 53.1 | U     | 10:20 | 49 | 21:12 | 79   | *  | *    | *    | *  | 4:28  | 35   | 13:32 | 47   | *  | *  | *  | *  |
| 14 | 68   | 60 | 53 | 46 | 40 | 36 | 35 | 36 | 38 | 42 | 45 | 48 | 49 | 50 | 50 | 50 | 51 | 53 | 57 | 62 | 68 | 73 | 76 | 77   | 1263 | 52.6 |       | 22:42 | 77 | *     | *    | *  | *    | 6: 7 | 35 | *     | *    | *     | *    | *  | *  |    |    |
| 15 | 75   | 70 | 63 | 55 | 48 | 41 | 35 | 33 | 33 | 35 | 40 | 45 | 49 | 52 | 53 | 53 | 51 | 50 | 51 | 53 | 58 | 64 | 70 | 75   | 1252 | 52.2 |       | 14: 5 | 53 | *     | *    | *  | *    | 7:28 | 32 | 17:19 | 50   | *     | *    | *  | *  |    |    |
| 16 | 77   | 76 | 72 | 65 | 57 | 48 | 39 | 33 | 30 | 31 | 34 | 41 | 47 | 53 | 57 | 57 | 54 | 51 | 47 | 46 | 47 | 52 | 59 | 66   | 1239 | 51.6 |       | 0:17  | 77 | 14:35 | 57   | *  | *    | *    | *  | 8:22  | 30   | 19: 2 | 46   | *  | *  | *  | *  |
| 17 | 73   | 77 | 77 | 73 | 66 | 56 | 46 | 37 | 31 | 29 | 31 | 37 | 45 | 53 | 59 | 62 | 60 | 54 | 48 | 42 | 39 | 41 | 46 | 54   | 1236 | 51.5 |       | 1:33  | 78 | 15: 2 | 62   | *  | *    | *    | *  | 9: 2  | 29   | 20:14 | 39   | *  | *  | *  | *  |
| 18 | 64   | 73 | 78 | 78 | 73 | 64 | 53 | 42 | 34 | 29 | 29 | 33 | 42 | 52 | 61 | 66 | 66 | 61 | 52 | 43 | 36 | 33 | 34 | 41   | 1237 | 51.5 |       | 2:32  | 78 | 15:29 | 66   | *  | *    | *    | *  | 9:34  | 28   | 21:13 | 33   | *  | *  | *  | *  |
| 19 | 51   | 63 | 72 | 77 | 77 | 70 | 60 | 48 | 38 | 31 | 29 | 31 | 39 | 50 | 61 | 69 | 71 | 68 | 59 | 48 | 38 | 30 | 27 | 29   | 1236 | 51.5 | F     | 3:22  | 78 | 15:56 | 71   | *  | *    | *    | *  | 10: 2 | 29   | 22: 5 | 27   | *  | *  | *  | *  |
| 20 | 37   | 50 | 62 | 72 | 76 | 73 | 66 | 55 | 44 | 35 | 31 | 31 | 37 | 47 | 59 | 70 | 75 | 74 | 68 | 57 | 44 | 33 | 25 | 23   | 1244 | 51.8 |       | 4: 8  | 76 | 16:23 | 75   | *  | *    | *    | *  | 10:25 | 30   | 22:53 | 23   | *  | *  | *  | *  |
| 21 | 27   | 37 | 50 | 62 | 71 | 73 | 69 | 60 | 49 | 40 | 34 | 32 | 36 | 44 | 56 | 68 | 76 | 78 | 75 | 65 | 53 | 40 | 29 | 23   | 1247 | 52.0 |       | 4:50  | 73 | 16:51 | 79   | *  | *    | *    | *  | 10:47 | 32   | 23:38 | # 22 | *  | *  | *  | *  |
| 22 | 22   | 27 | 38 | 51 | 62 | 68 | 68 | 63 | 54 | 45 | 37 | 34 | 36 | 42 | 53 | 65 | 75 | 80 | 79 | 73 | 62 | 49 | 37 | 28   | 1248 | 52.0 |       | 5:30  | 69 | 17:20 | 80   | *  | *    | *    | *  | 11: 8 | 34   | *     | *    | *  | *  | *  | *  |
| 23 | 23   | 23 | 30 | 41 | 52 | 61 | 65 | 63 | 57 | 49 | 41 | 37 | 37 | 41 | 50 | 60 | 71 | 79 | 80 | 77 | 69 | 58 | 46 | 36   | 1246 | 51.9 |       | 6: 9  | 65 | 17:50 | 81   | *  | *    | *    | *  | 0:23  | # 22 | 11:30 | 36   | *  | *  | *  | *  |
| 24 | 28   | 25 | 27 | 34 | 43 | 53 | 59 | 60 | 58 | 52 | 45 | 40 | 39 | 41 | 47 | 56 | 66 | 75 | 79 | 78 | 73 | 65 | 55 | 45   | 1243 | 51.8 |       | 6:48  | 61 | 18:21 | 80   | *  | *    | *    | *  | 1: 8  | 25   | 11:53 | 39   | *  | *  | *  | *  |
| 25 | 36   | 31 | 29 | 31 | 37 | 45 | 52 | 56 | 56 | 53 | 48 | 44 | 41 | 42 | 46 | 53 | 61 | 70 | 76 | 77 | 75 | 70 | 62 | 54   | 1245 | 51.9 |       | 7:28  | 56 | 18:56 | 77   | *  | *    | *    | *  | 1:57  | 29   | 12:17 | 41   | *  | *  | *  | *  |
| 26 | 45   | 39 | 34 | 33 | 35 | 40 | 46 | 51 | 53 | 52 | 50 | 46 | 44 | 44 | 46 | 50 | 57 | 64 | 70 | 74 | 74 | 72 | 67 | 60   | 1246 | 51.9 |       | 8:15  | 53 | 19:36 | 75   | *  | *    | *    | *  | 2:52  | 33   | 12:41 | 43   | *  | *  | *  | *  |
| 27 | 53   | 47 | 41 | 37 | 36 | 37 | 41 | 45 | 48 | 50 | 50 | 48 | 47 | 46 | 47 | 49 | 53 | 58 | 64 | 68 | 71 | 71 | 69 | 65   | 1241 | 51.7 | L     | 9:22  | 50 | 20:28 | 71   | *  | *    | *    | *  | 4: 0  | 36   | 13: 7 | 46   | *  | *  | *  | *  |
| 28 | 60   | 54 | 48 | 43 | 39 | 37 | 38 | 40 | 43 | 46 | 48 | 49 | 49 | 49 | 49 | 51 | 54 | 58 | 62 | 65 | 68 | 68 | 67 | 1234 | 51.4 |      | 21:44 | 68    | *  | *     | *    | *  | 5:20 | 37   | *  | *     | *    | *     | *    | *  |    |    |    |
| 29 | 64   | 60 | 55 | 49 | 44 | 39 | 36 | 36 | 38 | 41 | 45 | 48 | 50 | 52 | 52 | 51 | 51 | 51 | 52 | 55 | 58 | 62 | 64 | 66   | 1219 | 50.8 |       | 13:41 | 52 | 23:27 | 66   | *  | *    | *    | *  | 6:34  | 36   | 16:26 | 51   | *  | *  | *  | *  |
| 30 | 66   | 64 | 60 | 55 | 49 | 42 | 37 | 34 | 34 | 37 | 41 | 46 | 51 | 54 | 55 | 54 | 52 | 50 | 48 | 48 | 50 | 54 | 58 | 62   | 1201 | 50.0 |       | 14: 8 | 55 | *     | *    | *  | *    | 7:30 | 34 | 18:28 | 48   | *     | *    | *  | *  |    |    |

| 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 | 37671 | 52.3 | 11日 19時 16分 | 82 | 1  | 23日 0時 23分 | 22 | 2  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 吉岡

緯度: 41 °27 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 45.0(cm)

2013 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  | 65   | 66 | 65 | 61 | 54 | 47 | 39 | 34 | 32 | 33 | 37 | 43 | 49 | 55 | 58 | 58 | 55 | 51 | 46 | 43 | 43 | 45 | 50 | 56 | 1185 | 49.4 |   | 0:53  | 66 | 14:31 | 58   | *  | *  | *    | *  | 8:12  | 32 | 19:42 | 43   | *  | *  | * | * |
| 2  | 61   | 66 | 67 | 65 | 60 | 52 | 43 | 36 | 31 | 30 | 33 | 40 | 47 | 55 | 60 | 61 | 59 | 54 | 47 | 41 | 37 | 37 | 40 | 46 | 1168 | 48.7 |   | 1:54  | 67 | 14:52 | 61   | *  | *  | *    | *  | 8:44  | 30 | 20:37 | 37   | *  | *  | * | * |
| 3  | 54   | 62 | 66 | 67 | 64 | 57 | 48 | 39 | 33 | 30 | 31 | 37 | 45 | 54 | 62 | 65 | 64 | 58 | 50 | 41 | 35 | 31 | 31 | 36 | 1160 | 48.3 |   | 2:43  | 68 | 15:13 | 65   | *  | *  | *    | *  | 9:12  | 30 | 21:24 | 31   | *  | *  | * | * |
| 4  | 44   | 54 | 63 | 67 | 67 | 62 | 54 | 44 | 36 | 31 | 30 | 35 | 43 | 53 | 63 | 68 | 69 | 64 | 55 | 45 | 35 | 28 | 25 | 27 | 1162 | 48.4 |   | 3:27  | 68 | 15:34 | 69   | *  | *  | *    | *  | 9:38  | 30 | 22: 6 | 25   | *  | *  | * | * |
| 5  | 34   | 44 | 55 | 64 | 67 | 65 | 59 | 49 | 40 | 34 | 31 | 34 | 41 | 51 | 63 | 71 | 74 | 70 | 62 | 50 | 38 | 28 | 22 | 20 | 1166 | 48.6 | N | 4: 9  | 67 | 15:58 | 74   | *  | *  | *    | *  | 10: 1 | 31 | 22:48 | 20   | *  | *  | * | * |
| 6  | 24   | 33 | 45 | 57 | 64 | 66 | 62 | 55 | 45 | 37 | 33 | 34 | 39 | 49 | 61 | 72 | 77 | 77 | 70 | 59 | 45 | 33 | 23 | 18 | 1178 | 49.1 |   | 4:49  | 66 | 16:24 | 78   | *  | *  | *    | *  | 10:24 | 33 | 23:29 | 17   | *  | *  | * | * |
| 7  | 18   | 24 | 35 | 47 | 58 | 63 | 63 | 58 | 50 | 42 | 36 | 35 | 38 | 46 | 58 | 70 | 79 | 81 | 77 | 68 | 55 | 41 | 29 | 20 | 1191 | 49.6 |   | 5:30  | 64 | 16:53 | 81   | *  | *  | *    | *  | 10:48 | 35 | *     | *    | *  | *  | * | * |
| 8  | 17   | 18 | 25 | 37 | 48 | 57 | 61 | 60 | 54 | 46 | 40 | 37 | 38 | 44 | 54 | 66 | 77 | 83 | 82 | 76 | 65 | 51 | 38 | 27 | 1201 | 50.0 |   | 6:13  | 61 | 17:27 | 83   | *  | *  | *    | *  | 0:13  | 16 | 11:13 | 37   | *  | *  | * | * |
| 9  | 20   | 18 | 20 | 28 | 38 | 49 | 55 | 57 | 55 | 50 | 44 | 39 | 39 | 42 | 50 | 60 | 71 | 80 | 84 | 81 | 74 | 62 | 49 | 37 | 1202 | 50.1 |   | 6:58  | 57 | 18: 5 | # 84 | *  | *  | *    | *  | 1: 0  | 18 | 11:40 | 39   | *  | *  | * | * |
| 10 | 28   | 22 | 21 | 24 | 31 | 39 | 47 | 52 | 54 | 51 | 47 | 43 | 41 | 42 | 46 | 54 | 64 | 73 | 80 | 82 | 78 | 71 | 60 | 49 | 1199 | 50.0 |   | 7:49  | 54 | 18:49 | 82   | *  | *  | *    | *  | 1:52  | 21 | 12:10 | 41   | *  | *  | * | * |
| 11 | 39   | 31 | 26 | 24 | 27 | 32 | 39 | 46 | 49 | 50 | 49 | 46 | 44 | 43 | 45 | 50 | 56 | 65 | 72 | 77 | 78 | 75 | 68 | 59 | 1190 | 49.6 |   | 8:53  | 50 | 19:41 | 78   | *  | *  | *    | *  | 2:53  | 24 | 12:46 | 43   | *  | *  | * | * |
| 12 | 50   | 41 | 34 | 29 | 28 | 29 | 33 | 39 | 44 | 47 | 49 | 48 | 47 | 46 | 45 | 47 | 50 | 56 | 62 | 68 | 72 | 73 | 71 | 66 | 1174 | 48.9 | U | 10:21 | 49 | 20:50 | 73   | *  | *  | *    | *  | 4: 5  | 28 | 13:38 | 45   | *  | *  | * | * |
| 13 | 59   | 52 | 44 | 37 | 32 | 30 | 30 | 33 | 38 | 43 | 47 | 49 | 50 | 50 | 48 | 47 | 47 | 49 | 52 | 57 | 62 | 66 | 68 | 68 | 1158 | 48.3 |   | 12: 1 | 50 | 22:22 | 69   | *  | *  | *    | *  | 5:21  | 30 | 15:33 | 47   | *  | *  | * | * |
| 14 | 65   | 60 | 53 | 46 | 39 | 34 | 31 | 31 | 34 | 38 | 44 | 49 | 52 | 54 | 53 | 50 | 47 | 45 | 44 | 46 | 50 | 55 | 60 | 64 | 1144 | 47.7 |   | 13: 4 | 54 | *     | *    | *  | *  | 6:30 | 30 | 17:48 | 44 | *     | *    | *  | *  |   |   |
| 15 | 66   | 65 | 61 | 54 | 47 | 39 | 34 | 31 | 31 | 35 | 41 | 48 | 54 | 57 | 58 | 56 | 51 | 45 | 40 | 38 | 39 | 42 | 49 | 56 | 1137 | 47.4 |   | 0: 4  | 66 | 13:44 | 58   | *  | *  | *    | *  | 7:23  | 30 | 19:18 | 38   | *  | *  | * | * |
| 16 | 61   | 65 | 64 | 61 | 54 | 46 | 38 | 33 | 31 | 32 | 38 | 45 | 53 | 60 | 63 | 62 | 57 | 49 | 41 | 34 | 31 | 31 | 36 | 44 | 1129 | 47.0 |   | 1:26  | 65 | 14:17 | 63   | *  | *  | *    | *  | 8: 4  | 31 | 20:24 | 30   | *  | *  | * | * |
| 17 | 52   | 60 | 64 | 64 | 60 | 52 | 43 | 36 | 32 | 31 | 35 | 42 | 52 | 61 | 67 | 68 | 65 | 56 | 46 | 35 | 28 | 24 | 25 | 31 | 1129 | 47.0 |   | 2:29  | 65 | 14:48 | 68   | *  | *  | *    | *  | 8:37  | 31 | 21:18 | 23   | *  | *  | * | * |
| 18 | 40   | 51 | 60 | 64 | 63 | 58 | 49 | 40 | 34 | 32 | 34 | 40 | 49 | 60 | 68 | 73 | 71 | 65 | 54 | 41 | 29 | 21 | 18 | 20 | 1134 | 47.3 |   | 3:20  | 64 | 15:17 | 73   | *  | *  | *    | *  | 9: 6  | 32 | 22: 7 | 18   | *  | *  | * | * |
| 19 | 28   | 40 | 51 | 60 | 63 | 61 | 54 | 46 | 38 | 34 | 33 | 38 | 46 | 57 | 68 | 75 | 76 | 72 | 62 | 49 | 35 | 24 | 17 | 15 | 1142 | 47.6 | F | 4: 6  | 63 | 15:46 | 76   | *  | *  | *    | *  | 9:33  | 33 | 22:51 | 14   | *  | *  | * | * |
| 20 | 19   | 28 | 41 | 53 | 60 | 62 | 58 | 51 | 43 | 36 | 34 | 36 | 43 | 53 | 65 | 74 | 79 | 77 | 70 | 58 | 44 | 31 | 20 | 14 | 1149 | 47.9 |   | 4:48  | 62 | 16:14 | 79   | *  | *  | *    | *  | 9:59  | 34 | 23:33 | # 13 | *  | *  | * | * |
| 21 | 14   | 20 | 31 | 44 | 54 | 60 | 59 | 55 | 47 | 40 | 36 | 36 | 41 | 50 | 61 | 71 | 78 | 80 | 75 | 66 | 53 | 40 | 27 | 18 | 1156 | 48.2 |   | 5:28  | 60 | 16:43 | 80   | *  | *  | *    | *  | 10:25 | 36 | *     | *    | *  | *  | * | * |
| 22 | 14   | 16 | 23 | 35 | 47 | 55 | 58 | 56 | 51 | 44 | 39 | 37 | 40 | 46 | 56 | 67 | 75 | 79 | 78 | 71 | 61 | 49 | 36 | 26 | 1159 | 48.3 |   | 6: 6  | 58 | 17:12 | 80   | *  | *  | *    | *  | 0:14  | 14 | 10:52 | 37   | *  | *  | * | * |
| 23 | 19   | 17 | 20 | 28 | 39 | 49 | 55 | 56 | 53 | 47 | 42 | 39 | 39 | 44 | 52 | 61 | 71 | 77 | 78 | 74 | 66 | 56 | 45 | 34 | 1161 | 48.4 |   | 6:44  | 56 | 17:43 | 78   | *  | *  | *    | *  | 0:54  | 17 | 11:21 | 39   | *  | *  | * | * |
| 24 | 26   | 21 | 21 | 25 | 33 | 42 | 50 | 53 | 53 | 50 | 45 | 41 | 40 | 43 | 48 | 56 | 65 | 72 | 75 | 74 | 69 | 61 | 52 | 42 | 1157 | 48.2 |   | 7:23  | 53 | 18:16 | 75   | *  | *  | *    | *  | 1:34  | 21 | 11:50 | 40   | *  | *  | * | * |
| 25 | 34   | 28 | 25 | 25 | 30 | 37 | 44 | 49 | 51 | 50 | 47 | 44 | 42 | 42 | 46 | 51 | 58 | 65 | 70 | 72 | 70 | 64 | 57 | 49 | 1150 | 47.9 |   | 8: 7  | 51 | 18:54 | 72   | *  | *  | *    | *  | 2:18  | 24 | 12:22 | 42   | *  | *  | * | * |
| 26 | 41   | 34 | 30 | 28 | 29 | 33 | 39 | 45 | 49 | 50 | 49 | 47 | 45 | 44 | 45 | 48 | 53 | 58 | 63 | 67 | 67 | 65 | 60 | 54 | 1143 | 47.6 |   | 9: 3  | 50 | 19:39 | 67   | *  | *  | *    | *  | 3: 8  | 28 | 13: 0 | 44   | *  | *  | * | * |
| 27 | 48   | 41 | 36 | 32 | 30 | 31 | 35 | 40 | 45 | 48 | 49 | 49 | 48 | 47 | 46 | 47 | 49 | 52 | 56 | 59 | 62 | 62 | 60 | 57 | 1129 | 47.0 | L | 10:18 | 49 | 20:40 | 62   | *  | *  | *    | *  | 4: 6  | 30 | 14: 1 | 46   | *  | *  | * | * |
| 28 | 52   | 47 | 41 | 36 | 33 | 31 | 32 | 35 | 40 | 45 | 48 | 50 | 51 | 50 | 49 | 47 | 47 | 47 | 49 | 51 | 54 | 57 | 58 | 57 | 1107 | 46.1 |   | 11:46 | 51 | 22:11 | 58   | *  | *  | *    | *  | 5: 8  | 31 | 16:15 | 47   | *  | *  | * | * |
| 29 | 55   | 52 | 47 | 42 | 37 | 33 | 31 | 32 | 36 | 41 | 46 | 50 | 53 | 53 | 52 | 50 | 47 | 44 | 43 | 43 | 45 | 49 | 52 | 54 | 1087 | 45.3 |   | 12:48 | 54 | *     | *    | *  | *  | 6: 6 | 31 | 18:18 | 43 | *     | *    | *  | *  |   |   |
| 30 | 55   | 54 | 52 | 47 | 42 | 36 | 32 | 31 | 33 | 37 | 43 | 50 | 54 | 57 | 57 | 54 | 49 | 44 | 40 | 37 | 37 | 39 | 43 | 48 | 1071 | 44.6 |   | 0: 3  | 55 | 13:24 | 57   | *  | *  | *    | *  | 6:54  | 31 | 19:35 | 37   | *  | *  | * | * |
| 31 | 52   | 55 | 55 | 52 | 47 | 41 | 35 | 31 | 31 | 35 | 41 | 48 | 55 | 60 | 61 | 59 | 54 | 47 | 39 | 33 | 30 | 30 | 33 | 39 | 1063 | 44.3 |   | 1:29  | 55 | 13:53 | 61   | *  | *  | *    | *  | 7:33  | 31 | 20:31 | 29   | *  | *  | * | * |

| N   | Sum   | Mean | 推算月最高潮位      |    |    | 推算月最低潮位        |    |    |
|-----|-------|------|--------------|----|----|----------------|----|----|
|     |       |      | 起時           | 潮位 | 回数 | 起時             | 潮位 | 回数 |
| 744 | 35681 | 48.0 | 9 日 18 時 5 分 | 84 | 1  | 20 日 23 時 33 分 | 13 | 1  |

## 推算潮位（毎時・満干潮）

地点名：吉岡

緯度：41°27' N

経度：140°14' E

潮位表基準面の零点：平均海面下 45.0(cm)

2013 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  | 46   | 52 | 56 | 56 | 52 | 46 | 39 | 34 | 32 | 33 | 38 | 46 | 55 | 62 | 66 | 65 | 60 | 51 | 41 | 32 | 25 | 22 | 23 | 28 | 1060 | 44.2 |   | 2:31  | 56 | 14:19 | 66   | *  | *  | *    | *  | 8: 8  | 32  | 21:17 | 22 | *  | *  | * | * |   |
| 2  | 36   | 45 | 53 | 57 | 56 | 52 | 45 | 38 | 34 | 33 | 37 | 44 | 54 | 63 | 70 | 71 | 67 | 58 | 47 | 35 | 25 | 18 | 15 | 18 | 1071 | 44.6 |   | 3:22  | 57 | 14:46 | 71   | *  | *  | *    | *  | 8:39  | 33  | 22: 1 | 15 | *  | *  | * | * |   |
| 3  | 25   | 36 | 46 | 54 | 58 | 56 | 50 | 43 | 37 | 34 | 36 | 42 | 51 | 63 | 72 | 76 | 75 | 67 | 56 | 42 | 29 | 18 | 11 | 10 | 1087 | 45.3 | N | 4: 8  | 58 | 15:15 | 77   | *  | *  | *    | *  | 9: 9  | 34  | 22:44 | 10 | *  | *  | * | * |   |
| 4  | 15   | 25 | 37 | 48 | 56 | 58 | 55 | 48 | 41 | 36 | 36 | 40 | 48 | 59 | 71 | 79 | 81 | 76 | 66 | 52 | 37 | 23 | 13 | 8  | 1108 | 46.2 |   | 4:51  | 58 | 15:48 | 81   | *  | *  | *    | *  | 9:39  | 35  | 23:27 | 7  | *  | *  | * | * |   |
| 5  | 8    | 15 | 26 | 39 | 50 | 56 | 57 | 52 | 45 | 39 | 36 | 38 | 44 | 54 | 67 | 78 | 84 | 83 | 76 | 63 | 48 | 33 | 19 | 10 | 1120 | 46.7 |   | 5:35  | 57 | 16:24 | # 85 | *  | *  | *    | *  | 10:11 | 36  | *     | *  | *  | *  | * | * | * |
| 6  | 6    | 9  | 17 | 29 | 42 | 51 | 55 | 54 | 49 | 43 | 38 | 37 | 41 | 48 | 60 | 72 | 82 | 85 | 82 | 73 | 60 | 45 | 30 | 18 | 1126 | 46.9 |   | 6:18  | 55 | 17: 2 | # 85 | *  | *  | *    | *  | 0:11  | # 6 | 10:45 | 37 | *  | *  | * | * |   |
| 7  | 11   | 8  | 12 | 21 | 33 | 44 | 51 | 54 | 52 | 47 | 41 | 38 | 39 | 43 | 52 | 63 | 74 | 82 | 84 | 79 | 69 | 56 | 42 | 29 | 1124 | 46.8 |   | 7: 3  | 54 | 17:45 | 84   | *  | *  | *    | *  | 0:56  | 8   | 11:22 | 38 | *  | *  | * | * |   |
| 8  | 19   | 13 | 12 | 16 | 25 | 36 | 45 | 50 | 52 | 50 | 45 | 41 | 39 | 41 | 46 | 54 | 64 | 73 | 79 | 79 | 74 | 65 | 53 | 41 | 1112 | 46.3 |   | 7:52  | 52 | 18:32 | 80   | *  | *  | *    | *  | 1:43  | 12  | 12: 4 | 39 | *  | *  | * | * |   |
| 9  | 30   | 22 | 18 | 17 | 22 | 30 | 39 | 46 | 50 | 51 | 49 | 45 | 42 | 40 | 42 | 46 | 53 | 62 | 69 | 73 | 73 | 68 | 61 | 51 | 1099 | 45.8 |   | 8:45  | 51 | 19:25 | 73   | *  | *  | *    | *  | 2:33  | 17  | 12:57 | 40 | *  | *  | * | * |   |
| 10 | 41   | 32 | 26 | 22 | 22 | 26 | 33 | 41 | 47 | 50 | 51 | 49 | 46 | 43 | 42 | 42 | 45 | 50 | 57 | 62 | 66 | 66 | 62 | 57 | 1078 | 44.9 | U | 9:46  | 51 | 20:30 | 66   | *  | *  | *    | *  | 3:26  | 22  | 14:12 | 42 | *  | *  | * | * |   |
| 11 | 49   | 41 | 34 | 29 | 26 | 27 | 30 | 37 | 43 | 49 | 52 | 53 | 52 | 49 | 45 | 43 | 41 | 42 | 45 | 50 | 55 | 58 | 59 | 57 | 1066 | 44.4 |   | 10:53 | 53 | 21:56 | 59   | *  | *  | *    | *  | 4:22  | 26  | 16: 6 | 41 | *  | *  | * | * |   |
| 12 | 54   | 48 | 42 | 36 | 32 | 29 | 30 | 34 | 40 | 46 | 52 | 55 | 56 | 55 | 51 | 47 | 42 | 39 | 37 | 39 | 42 | 47 | 51 | 53 | 1057 | 44.0 |   | 11:56 | 56 | 23:44 | 54   | *  | *  | *    | *  | 5:17  | 29  | 18: 0 | 37 | *  | *  | * | * |   |
| 13 | 54   | 52 | 48 | 43 | 37 | 33 | 31 | 32 | 37 | 43 | 50 | 56 | 60 | 61 | 58 | 53 | 46 | 39 | 34 | 31 | 31 | 34 | 40 | 45 | 1048 | 43.7 |   | 12:49 | 61 | *     | *    | *  | *  | 6: 8 | 31 | 19:25 | 31  | *     | *  | *  | *  |   |   |   |
| 14 | 50   | 52 | 52 | 48 | 43 | 38 | 34 | 33 | 35 | 40 | 47 | 55 | 61 | 65 | 65 | 61 | 54 | 44 | 35 | 28 | 24 | 24 | 28 | 35 | 1051 | 43.8 |   | 1:20  | 52 | 13:32 | 65   | *  | *  | *    | *  | 6:53  | 33  | 20:29 | 24 | *  | *  | * | * |   |
| 15 | 42   | 49 | 52 | 52 | 49 | 43 | 38 | 34 | 34 | 37 | 44 | 52 | 60 | 67 | 70 | 68 | 62 | 52 | 40 | 30 | 22 | 18 | 18 | 24 | 1057 | 44.0 |   | 2:30  | 53 | 14: 9 | 70   | *  | *  | *    | *  | 7:34  | 34  | 21:21 | 17 | *  | *  | * | * |   |
| 16 | 32   | 42 | 49 | 53 | 53 | 48 | 42 | 37 | 35 | 36 | 41 | 48 | 58 | 66 | 72 | 73 | 69 | 60 | 48 | 35 | 24 | 16 | 12 | 15 | 1064 | 44.3 |   | 3:23  | 53 | 14:43 | 73   | *  | *  | *    | *  | 8:11  | 35  | 22: 7 | 12 | *  | *  | * | * |   |
| 17 | 22   | 33 | 43 | 51 | 54 | 53 | 48 | 41 | 37 | 36 | 38 | 45 | 54 | 64 | 72 | 76 | 74 | 68 | 57 | 43 | 29 | 18 | 11 | 10 | 1077 | 44.9 |   | 4: 9  | 54 | 15:14 | 76   | *  | *  | *    | *  | 8:47  | 36  | 22:48 | 9  | *  | *  | * | * |   |
| 18 | 14   | 24 | 36 | 47 | 53 | 55 | 52 | 46 | 40 | 37 | 37 | 42 | 50 | 60 | 70 | 76 | 78 | 73 | 64 | 51 | 37 | 24 | 14 | 9  | 1089 | 45.4 | F | 4:49  | 55 | 15:44 | 78   | *  | *  | *    | *  | 9:21  | 36  | 23:26 | 8  | *  | *  | * | * |   |
| 19 | 9    | 16 | 27 | 40 | 50 | 55 | 54 | 50 | 44 | 39 | 37 | 40 | 46 | 55 | 65 | 74 | 78 | 77 | 70 | 59 | 46 | 32 | 20 | 12 | 1095 | 45.6 |   | 5:26  | 55 | 16:14 | 78   | *  | *  | *    | *  | 9:55  | 37  | *     | *  | *  | *  | * | * | * |
| 20 | 9    | 12 | 21 | 33 | 44 | 52 | 55 | 53 | 48 | 42 | 38 | 38 | 42 | 50 | 60 | 70 | 76 | 78 | 74 | 65 | 53 | 40 | 28 | 18 | 1099 | 45.8 |   | 6: 1  | 55 | 16:45 | 78   | *  | *  | *    | *  | 0: 2  | 9   | 10:29 | 38 | *  | *  | * | * |   |
| 21 | 12   | 12 | 17 | 27 | 38 | 48 | 53 | 54 | 50 | 45 | 40 | 38 | 40 | 46 | 54 | 64 | 72 | 76 | 75 | 69 | 59 | 48 | 36 | 25 | 1098 | 45.8 |   | 6:35  | 54 | 17:17 | 76   | *  | *  | *    | *  | 0:36  | 11  | 11: 3 | 38 | *  | *  | * | * |   |
| 22 | 18   | 14 | 16 | 23 | 33 | 43 | 50 | 53 | 52 | 48 | 43 | 39 | 39 | 42 | 49 | 57 | 65 | 72 | 73 | 70 | 63 | 53 | 43 | 32 | 1090 | 45.4 |   | 7:10  | 53 | 17:51 | 73   | *  | *  | *    | *  | 1:10  | 14  | 11:38 | 39 | *  | *  | * | * |   |
| 23 | 24   | 19 | 18 | 21 | 29 | 38 | 46 | 51 | 52 | 50 | 46 | 42 | 40 | 40 | 44 | 51 | 58 | 65 | 69 | 69 | 64 | 57 | 48 | 39 | 1080 | 45.0 |   | 7:48  | 52 | 18:27 | 69   | *  | *  | *    | *  | 1:44  | 18  | 12:16 | 40 | *  | *  | * | * |   |
| 24 | 30   | 24 | 21 | 22 | 26 | 33 | 41 | 48 | 51 | 51 | 49 | 45 | 42 | 41 | 42 | 46 | 51 | 57 | 62 | 64 | 63 | 58 | 52 | 44 | 1063 | 44.3 |   | 8:30  | 52 | 19: 8 | 64   | *  | *  | *    | *  | 2:21  | 21  | 13: 1 | 41 | *  | *  | * | * |   |
| 25 | 36   | 30 | 26 | 24 | 26 | 30 | 37 | 44 | 49 | 52 | 51 | 49 | 46 | 43 | 42 | 43 | 46 | 50 | 54 | 57 | 58 | 57 | 53 | 47 | 1050 | 43.8 |   | 9:20  | 52 | 19:56 | 58   | *  | *  | *    | *  | 3: 1  | 24  | 14: 4 | 42 | *  | *  | * | * |   |
| 26 | 41   | 35 | 30 | 27 | 27 | 29 | 34 | 40 | 46 | 51 | 53 | 52 | 50 | 47 | 45 | 43 | 42 | 44 | 46 | 49 | 51 | 52 | 51 | 49 | 1034 | 43.1 | L | 10:15 | 53 | 21: 4 | 52   | *  | *  | *    | *  | 3:46  | 27  | 15:47 | 42 | *  | *  | * | * |   |
| 27 | 45   | 40 | 36 | 32 | 29 | 29 | 32 | 37 | 43 | 49 | 53 | 55 | 54 | 52 | 48 | 45 | 42 | 40 | 39 | 40 | 42 | 45 | 47 | 47 | 1021 | 42.5 |   | 11:12 | 55 | 22:55 | 47   | *  | *  | *    | *  | 4:35  | 29  | 17:49 | 39 | *  | *  | * | * |   |
| 28 | 46   | 44 | 41 | 37 | 33 | 31 | 32 | 35 | 40 | 46 | 52 | 57 | 58 | 57 | 54 | 49 | 43 | 38 | 34 | 32 | 33 | 35 | 39 | 42 | 1008 | 42.0 |   | 12: 3 | 58 | *     | *    | *  | *  | 5:26 | 31 | 19:18 | 32  | *     | *  | *  | *  |   |   |   |
| 29 | 45   | 46 | 45 | 42 | 39 | 35 | 33 | 34 | 38 | 44 | 51 | 58 | 62 | 63 | 60 | 55 | 48 | 40 | 33 | 27 | 25 | 25 | 29 | 34 | 1011 | 42.1 |   | 1: 3  | 46 | 12:46 | 63   | *  | *  | *    | *  | 6:15  | 33  | 20:20 | 24 | *  | *  | * | * |   |
| 30 | 40   | 45 | 47 | 47 | 44 | 40 | 36 | 35 | 37 | 42 | 49 | 57 | 64 | 68 | 67 | 63 | 55 | 45 | 35 | 26 | 19 | 17 | 18 | 23 | 1019 | 42.5 |   | 2:25  | 47 | 13:25 | 68   | *  | *  | *    | *  | 7: 0  | 35  | 21:10 | 17 | *  | *  | * | * |   |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位   |    |    | 推算月最低潮位   |    |    |
|----------|--------------|---------------|-----------|----|----|-----------|----|----|
|          |              |               | 起時        | 潮位 | 回数 | 起時        | 潮位 | 回数 |
| 720      | 32162        | 44.7          | 6日 17時 2分 | 85 | 2  | 6日 0時 11分 | 6  | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 吉岡

緯度: 41 °27 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 45.0(cm)

2013 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  | 31   | 39 | 46 | 49 | 49 | 45 | 41 | 37 | 37 | 40 | 46 | 55 | 64 | 71 | 74 | 72 | 64 | 53 | 41 | 28 | 18 | 12 | 10 | 13 | 1035 | 43.1 |   | 3:23  | 50 | 14: 4 | 74  | *  | *  | *    | *  | 7:42  | 37 | 21:56 | 10 | *  | *  | *  | *  |
| 2  | 20   | 31 | 41 | 48 | 52 | 50 | 46 | 41 | 38 | 38 | 43 | 51 | 61 | 71 | 78 | 79 | 74 | 64 | 51 | 36 | 22 | 12 | 6  | 5  | 1058 | 44.1 |   | 4:10  | 52 | 14:43 | 80  | *  | *  | *    | *  | 8:24  | 38 | 22:39 | 4  | *  | *  | *  | *  |
| 3  | 10   | 20 | 32 | 44 | 51 | 53 | 50 | 45 | 40 | 38 | 39 | 45 | 55 | 67 | 77 | 83 | 83 | 75 | 63 | 47 | 31 | 18 | 7  | 2  | 1075 | 44.8 | N | 4:53  | 53 | 15:24 | 84  | *  | *  | *    | *  | 9: 5  | 38 | 23:22 | #2 | *  | *  | *  | *  |
| 4  | 3    | 10 | 23 | 36 | 47 | 53 | 53 | 49 | 43 | 38 | 37 | 40 | 48 | 59 | 72 | 82 | 86 | 83 | 74 | 60 | 44 | 28 | 14 | 5  | 1087 | 45.3 |   | 5:34  | 54 | 16: 6 | #86 | *  | *  | *    | *  | 9:48  | 37 | *     | *  | *  | *  | *  | *  |
| 5  | 2    | 5  | 14 | 27 | 40 | 50 | 54 | 52 | 47 | 41 | 37 | 37 | 41 | 50 | 62 | 74 | 83 | 85 | 81 | 70 | 56 | 40 | 25 | 13 | 1086 | 45.3 |   | 6:13  | 54 | 16:50 | #86 | *  | *  | *    | *  | 0: 4  | #2 | 10:33 | 36 | *  | *  | *  | *  |
| 6  | 6    | 4  | 9  | 20 | 33 | 45 | 52 | 54 | 51 | 45 | 39 | 36 | 36 | 41 | 51 | 63 | 74 | 81 | 82 | 76 | 65 | 52 | 37 | 24 | 1076 | 44.8 |   | 6:52  | 54 | 17:36 | 82  | *  | *  | *    | *  | 0:45  | 4  | 11:21 | 35 | *  | *  | *  | *  |
| 7  | 14   | 9  | 10 | 16 | 27 | 39 | 49 | 53 | 54 | 50 | 44 | 38 | 35 | 36 | 42 | 51 | 61 | 71 | 76 | 75 | 69 | 59 | 47 | 34 | 1059 | 44.1 |   | 7:32  | 54 | 18:23 | 76  | *  | *  | *    | *  | 1:24  | 9  | 12:12 | 35 | *  | *  | *  | *  |
| 8  | 24   | 17 | 14 | 16 | 24 | 34 | 45 | 52 | 55 | 54 | 49 | 43 | 38 | 36 | 37 | 41 | 49 | 58 | 65 | 68 | 67 | 62 | 53 | 43 | 1044 | 43.5 |   | 8:14  | 55 | 19:13 | 69  | *  | *  | *    | *  | 2: 2  | 14 | 13:12 | 36 | *  | *  | *  | *  |
| 9  | 33   | 25 | 21 | 20 | 24 | 31 | 40 | 49 | 54 | 56 | 54 | 50 | 44 | 39 | 37 | 37 | 40 | 45 | 52 | 57 | 60 | 59 | 54 | 48 | 1029 | 42.9 |   | 8:59  | 56 | 20:10 | 60  | *  | *  | *    | *  | 2:40  | 20 | 14:28 | 36 | *  | *  | *  | *  |
| 10 | 40   | 33 | 27 | 25 | 26 | 30 | 37 | 45 | 52 | 57 | 58 | 56 | 52 | 46 | 41 | 37 | 36 | 37 | 40 | 45 | 49 | 51 | 51 | 48 | 1019 | 42.5 | U | 9:52  | 58 | 21:22 | 51  | *  | *  | *    | *  | 3:17  | 25 | 16: 6 | 36 | *  | *  | *  | *  |
| 11 | 44   | 39 | 34 | 30 | 29 | 31 | 35 | 42 | 49 | 56 | 59 | 60 | 59 | 54 | 49 | 43 | 37 | 34 | 33 | 34 | 38 | 41 | 44 | 45 | 1019 | 42.5 |   | 10:51 | 60 | 23:12 | 45  | *  | *  | *    | *  | 3:58  | 29 | 17:53 | 33 | *  | *  | *  | *  |
| 12 | 45   | 42 | 39 | 36 | 33 | 33 | 35 | 39 | 46 | 53 | 59 | 62 | 63 | 62 | 57 | 50 | 43 | 36 | 30 | 28 | 28 | 31 | 35 | 39 | 1024 | 42.7 |   | 11:53 | 63 | *     | *   | *  | *  | 4:45 | 32 | 19:24 | 27 | *     | *  | *  | *  |    |    |
| 13 | 42   | 43 | 43 | 41 | 38 | 36 | 35 | 37 | 42 | 49 | 56 | 62 | 66 | 67 | 64 | 59 | 50 | 41 | 32 | 26 | 22 | 22 | 25 | 31 | 1029 | 42.9 |   | 1:17  | 44 | 12:50 | 67  | *  | *  | *    | *  | 5:39  | 35 | 20:31 | 21 | *  | *  | *  | *  |
| 14 | 37   | 42 | 45 | 45 | 43 | 40 | 37 | 37 | 40 | 45 | 51 | 59 | 65 | 69 | 69 | 66 | 59 | 49 | 38 | 28 | 20 | 16 | 17 | 22 | 1039 | 43.3 |   | 2:36  | 45 | 13:37 | 70  | *  | *  | *    | *  | 6:34  | 37 | 21:22 | 16 | *  | *  | *  | *  |
| 15 | 29   | 37 | 44 | 47 | 47 | 45 | 41 | 38 | 38 | 42 | 47 | 55 | 63 | 69 | 72 | 71 | 66 | 57 | 45 | 33 | 22 | 15 | 12 | 14 | 1049 | 43.7 |   | 3:29  | 48 | 14:17 | 72  | *  | *  | *    | *  | 7:27  | 38 | 22: 4 | 12 | *  | *  | *  | *  |
| 16 | 21   | 31 | 41 | 47 | 50 | 49 | 45 | 41 | 39 | 39 | 43 | 50 | 58 | 67 | 73 | 75 | 72 | 64 | 53 | 40 | 27 | 17 | 11 | 10 | 1063 | 44.3 |   | 4:10  | 50 | 14:53 | 75  | *  | *  | *    | *  | 8:15  | 38 | 22:41 | 9  | *  | *  | *  | *  |
| 17 | 14   | 24 | 35 | 45 | 51 | 52 | 49 | 44 | 40 | 38 | 40 | 45 | 53 | 63 | 71 | 76 | 75 | 70 | 60 | 47 | 34 | 22 | 13 | 8  | 1069 | 44.5 | F | 4:46  | 52 | 15:25 | 76  | *  | *  | *    | *  | 8:59  | 38 | 23:15 | 8  | *  | *  | *  | *  |
| 18 | 10   | 17 | 29 | 41 | 49 | 53 | 52 | 48 | 42 | 38 | 38 | 41 | 48 | 57 | 67 | 74 | 77 | 74 | 66 | 55 | 41 | 28 | 17 | 10 | 1072 | 44.7 |   | 5:18  | 54 | 15:58 | 77  | *  | *  | *    | *  | 9:39  | 38 | 23:47 | 9  | *  | *  | *  | *  |
| 19 | 9    | 13 | 23 | 35 | 46 | 53 | 54 | 51 | 46 | 40 | 37 | 38 | 43 | 51 | 61 | 70 | 75 | 75 | 70 | 61 | 48 | 35 | 23 | 14 | 1071 | 44.6 |   | 5:47  | 54 | 16:30 | 76  | *  | *  | *    | *  | 10:18 | 37 | *     | *  | *  | *  | *  | *  |
| 20 | 10   | 12 | 19 | 30 | 42 | 51 | 54 | 53 | 49 | 43 | 38 | 36 | 38 | 45 | 54 | 64 | 71 | 74 | 72 | 65 | 54 | 42 | 30 | 20 | 1066 | 44.4 |   | 6:16  | 55 | 17: 3 | 74  | *  | *  | *    | *  | 0:16  | 10 | 10:56 | 36 | *  | *  | *  | *  |
| 21 | 14   | 12 | 17 | 26 | 37 | 47 | 53 | 55 | 52 | 46 | 40 | 36 | 36 | 40 | 47 | 56 | 65 | 71 | 71 | 67 | 58 | 47 | 36 | 26 | 1055 | 44.0 |   | 6:45  | 55 | 17:37 | 72  | *  | *  | *    | *  | 0:44  | 12 | 11:34 | 36 | *  | *  | *  | *  |
| 22 | 18   | 15 | 17 | 23 | 33 | 43 | 51 | 55 | 54 | 49 | 44 | 38 | 36 | 37 | 41 | 49 | 57 | 64 | 67 | 66 | 60 | 51 | 41 | 31 | 1040 | 43.3 |   | 7:16  | 55 | 18:11 | 67  | *  | *  | *    | *  | 1:11  | 15 | 12:13 | 36 | *  | *  | *  | *  |
| 23 | 23   | 19 | 18 | 22 | 30 | 39 | 48 | 54 | 55 | 52 | 48 | 42 | 38 | 37 | 38 | 43 | 49 | 56 | 61 | 62 | 59 | 53 | 45 | 36 | 1027 | 42.8 |   | 7:49  | 55 | 18:48 | 62  | *  | *  | *    | *  | 1:37  | 18 | 12:57 | 37 | *  | *  | *  | *  |
| 24 | 28   | 23 | 21 | 23 | 28 | 36 | 44 | 51 | 55 | 55 | 51 | 47 | 42 | 38 | 38 | 39 | 43 | 48 | 53 | 56 | 56 | 53 | 47 | 40 | 1015 | 42.3 |   | 8:26  | 55 | 19:30 | 56  | *  | *  | *    | *  | 2: 5  | 21 | 13:51 | 37 | *  | *  | *  | *  |
| 25 | 33   | 28 | 25 | 25 | 28 | 33 | 41 | 49 | 54 | 56 | 55 | 51 | 47 | 42 | 39 | 38 | 39 | 41 | 45 | 48 | 50 | 49 | 47 | 42 | 1005 | 41.9 | L | 9: 7  | 56 | 20:21 | 50  | *  | *  | *    | *  | 2:34  | 24 | 15: 8 | 38 | *  | *  | *  | *  |
| 26 | 37   | 33 | 29 | 28 | 29 | 33 | 39 | 46 | 53 | 57 | 58 | 56 | 52 | 48 | 43 | 39 | 37 | 36 | 37 | 39 | 41 | 43 | 43 | 42 | 998  | 41.6 |   | 9:52  | 58 | 21:46 | 43  | *  | *  | *    | *  | 3: 8  | 28 | 16:59 | 36 | *  | *  | *  | *  |
| 27 | 40   | 37 | 35 | 33 | 32 | 33 | 37 | 43 | 50 | 56 | 60 | 61 | 59 | 54 | 49 | 43 | 38 | 34 | 31 | 31 | 32 | 34 | 37 | 39 | 998  | 41.6 |   | 10:45 | 61 | *     | *   | *  | *  | 3:50 | 32 | 18:51 | 31 | *     | *  | *  | *  |    |    |
| 28 | 40   | 40 | 39 | 38 | 36 | 36 | 37 | 41 | 47 | 54 | 60 | 64 | 65 | 62 | 57 | 50 | 43 | 35 | 29 | 25 | 23 | 24 | 27 | 32 | 1004 | 41.8 |   | 0:39  | 40 | 11:42 | 65  | *  | *  | *    | *  | 4:45  | 36 | 20: 8 | 23 | *  | *  | *  | *  |
| 29 | 36   | 40 | 42 | 42 | 41 | 39 | 38 | 40 | 44 | 51 | 58 | 65 | 69 | 70 | 67 | 60 | 51 | 41 | 31 | 23 | 17 | 15 | 17 | 22 | 1019 | 42.5 |   | 2:30  | 43 | 12:39 | 70  | *  | *  | *    | *  | 5:49  | 38 | 21: 4 | 15 | *  | *  | *  | *  |
| 30 | 29   | 36 | 42 | 45 | 45 | 43 | 41 | 40 | 42 | 46 | 54 | 62 | 70 | 75 | 75 | 70 | 62 | 50 | 38 | 26 | 17 | 10 | 9  | 12 | 1039 | 43.3 |   | 3:28  | 46 | 13:34 | 75  | *  | *  | *    | *  | 6:53  | 40 | 21:51 | 9  | *  | *  | *  | *  |
| 31 | 20   | 30 | 40 | 46 | 49 | 48 | 44 | 41 | 39 | 41 | 47 | 55 | 65 | 74 | 79 | 79 | 73 | 62 | 48 | 34 | 21 | 11 | 5  | 5  | 1056 | 44.0 |   | 4: 8  | 49 | 14:26 | 80  | *  | *  | *    | *  | 7:56  | 39 | 22:32 | 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      | 32325        | 43.4          | 5日 16時 50分 | 86 | 2  | 5日 0時 4分 | 2  | 2  |