

## 推算潮位 ( 毎時・満干潮 )

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(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 |   |   |
| 1  | 12   | 13 | 15 | 18 | 19 | 18 | 16 | 14 | 10 | 6  | 2  | 1  | 0  | 1  | 3  | 7  | 12 | 14 | 16 | 16 | 15 | 13 | 11 | 10  | 262 | 10.9 |       | 4:10  | # 19  | 19: 1 | 16 | *  | *    | *    | *    | 11:59 | 0     | 23:40 | 10 | *  | *  | * | * |
| 2  | 10   | 10 | 11 | 14 | 16 | 17 | 16 | 14 | 12 | 8  | 4  | 2  | 1  | 1  | 2  | 5  | 9  | 13 | 15 | 15 | 15 | 14 | 11 | 9   | 244 | 10.2 |       | 4:52  | 17    | 19:18 | 15 | *  | *    | *    | *    | 12:18 | 1     | *     | *  | *  | *  | * | * |
| 3  | 8    | 8  | 8  | 10 | 12 | 14 | 14 | 13 | 12 | 10 | 7  | 4  | 2  | 2  | 3  | 4  | 7  | 11 | 14 | 15 | 15 | 14 | 12 | 9   | 228 | 9.5  |       | 5:43  | 14    | 19:27 | 15 | *  | *    | *    | *    | 0:32  | 8     | 12:41 | 2  | *  | *  | * | * |
| 4  | 7    | 6  | 6  | 6  | 7  | 9  | 11 | 12 | 11 | 10 | 9  | 6  | 5  | 4  | 4  | 5  | 7  | 10 | 12 | 14 | 15 | 14 | 13 | 10  | 213 | 8.9  |       | 6:54  | 12    | 19:49 | 15 | *  | *    | *    | *    | 2: 7  | 6     | 13:13 | 4  | *  | *  | * | * |
| 5  | 7    | 5  | 4  | 3  | 4  | 5  | 7  | 9  | 10 | 10 | 10 | 9  | 7  | 6  | 6  | 6  | 7  | 9  | 11 | 13 | 15 | 15 | 13 | 11  | 202 | 8.4  | L     | 8:38  | 10    | 20:21 | 15 | *  | *    | *    | *    | 3: 9  | 3     | 13:51 | 6  | *  | *  | * | * |
| 6  | 9    | 6  | 3  | 2  | 1  | 2  | 3  | 5  | 7  | 8  | 9  | 9  | 9  | 9  | 8  | 8  | 9  | 10 | 11 | 12 | 14 | 15 | 14 | 13  | 196 | 8.2  |       | 11:22 | 10    | 21: 0 | 15 | *  | *    | *    | *    | 4:18  | 1     | 14:33 | 8  | *  | *  | * | * |
| 7  | 11   | 8  | 5  | 2  | 1  | 0  | 0  | 0  | 3  | 5  | 7  | 9  | 10 | 11 | 10 | 10 | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 14  | 192 | 8.0  |       | 13: 5 | 11    | 21:48 | 15 | *  | *    | *    | *    | 5:46  | 0     | 15:19 | 10 | *  | *  | * | * |
| 8  | 13   | 11 | 8  | 4  | 1  | 0  | -2 | -2 | -2 | 1  | 4  | 7  | 9  | 11 | 12 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 14 | 15  | 186 | 7.8  |       | 22:53 | 15    | *     | *  | *  | *    | 7: 0 | -2   | *     | *     | *     | *  | *  | *  |   |   |
| 9  | 14   | 13 | 11 | 8  | 4  | 1  | -1 | -3 | -4 | -3 | 0  | 3  | 6  | 10 | 12 | 13 | 12 | 12 | 12 | 12 | 11 | 12 | 13 | 15  | 183 | 7.6  |       | 15: 8 | 13    | *     | *  | *  | *    | 8: 0 | -4   | 19:59 | 11    | *     | *  | *  | *  |   |   |
| 10 | 15   | 15 | 14 | 12 | 9  | 4  | 1  | -3 | -5 | -6 | -5 | -1 | 3  | 7  | 10 | 13 | 13 | 13 | 12 | 11 | 11 | 11 | 11 | 13  | 178 | 7.4  |       | 0:30  | 15    | 15:57 | 13 | *  | *    | *    | *    | 8:55  | -6    | 20:40 | 11 | *  | *  | * | * |
| 11 | 15   | 16 | 17 | 16 | 13 | 9  | 4  | -1 | -4 | -7 | -8 | -6 | -2 | 3  | 8  | 11 | 13 | 13 | 12 | 11 | 10 | 9  | 10 | 11  | 173 | 7.2  |       | 1:46  | 17    | 16:38 | 13 | *  | *    | *    | *    | 9:44  | # -8  | 21:12 | 9  | *  | *  | * | * |
| 12 | 13   | 16 | 17 | 18 | 16 | 13 | 8  | 3  | -2 | -6 | -8 | -8 | -5 | -1 | 4  | 9  | 12 | 13 | 13 | 11 | 10 | 8  | 8  | 9   | 171 | 7.1  | N     | 2:38  | 18    | 17:16 | 14 | *  | *    | *    | *    | 10:29 | # -8  | 21:44 | 8  | *  | *  | * | * |
| 13 | 11   | 14 | 16 | 18 | 18 | 16 | 12 | 7  | 1  | -4 | -7 | -8 | -7 | -4 | 1  | 6  | 10 | 13 | 13 | 12 | 10 | 8  | 7  | 7   | 170 | 7.1  |       | 3:24  | 18    | 17:50 | 14 | *  | *    | *    | *    | 11:10 | # -8  | 22:25 | 7  | *  | *  | * | * |
| 14 | 8    | 11 | 14 | 16 | 17 | 17 | 15 | 10 | 5  | 0  | -4 | -7 | -7 | -5 | -1 | 4  | 8  | 12 | 13 | 13 | 11 | 9  | 7  | 6   | 172 | 7.2  |       | 4: 8  | 17    | 18:24 | 14 | *  | *    | *    | *    | 11:47 | -7    | 23:19 | 6  | *  | *  | * | * |
| 15 | 6    | 7  | 10 | 13 | 15 | 16 | 15 | 12 | 8  | 3  | -1 | -4 | -5 | -5 | -2 | 2  | 7  | 10 | 13 | 14 | 13 | 10 | 7  | 6   | 170 | 7.1  |       | 4:56  | 16    | 18:58 | 14 | *  | *    | *    | *    | 12:20 | -5    | *     | *  | *  | *  | * | * |
| 16 | 5    | 5  | 7  | 9  | 11 | 13 | 13 | 13 | 10 | 6  | 3  | 0  | -2 | -2 | -1 | 2  | 6  | 9  | 12 | 14 | 14 | 12 | 9  | 6   | 174 | 7.3  |       | 6: 1  | 13    | 19:32 | 14 | *  | *    | *    | *    | 0:22  | 5     | 12:52 | -2 | *  | *  | * | * |
| 17 | 5    | 4  | 4  | 6  | 8  | 9  | 10 | 11 | 11 | 8  | 6  | 3  | 2  | 1  | 1  | 3  | 6  | 9  | 11 | 13 | 15 | 14 | 11 | 8   | 179 | 7.5  |       | 7:16  | 11    | 20: 6 | 15 | *  | *    | *    | *    | 1:21  | 4     | 13:21 | 1  | *  | *  | * | * |
| 18 | 6    | 4  | 3  | 3  | 4  | 6  | 7  | 8  | 9  | 9  | 8  | 6  | 5  | 4  | 4  | 5  | 7  | 9  | 11 | 13 | 14 | 15 | 13 | 10  | 183 | 7.6  |       | 8:26  | 9     | 20:41 | 15 | *  | *    | *    | *    | 2:16  | 2     | 13:46 | 4  | *  | *  | * | * |
| 19 | 8    | 5  | 3  | 2  | 2  | 3  | 4  | 5  | 7  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 9  | 11 | 12 | 13 | 14 | 15 | 15 | 13  | 193 | 8.0  | U     | 9:38  | 8     | 21:18 | 15 | *  | *    | *    | *    | 3:10  | 2     | 13:59 | 7  | *  | *  | * | * |
| 20 | 10   | 7  | 5  | 2  | 2  | 2  | 2  | 3  | 4  | 6  | 8  | 9  | 9  | 9  | 9  | 10 | 10 | 12 | 13 | 13 | 14 | 14 | 15 | 14  | 202 | 8.4  |       | 21:58 | 15    | *     | *  | *  | *    | 4: 9 | 2    | *     | *     | *     | *  | *  | *  |   |   |
| 21 | 12   | 10 | 7  | 4  | 2  | 2  | 2  | 2  | 3  | 4  | 6  | 8  | 9  | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 14 | 14 | 15 | 15  | 213 | 8.9  |       | 22:46 | 15    | *     | *  | *  | *    | 5:25 | 2    | *     | *     | *     | *  | *  | *  |   |   |
| 22 | 14   | 12 | 10 | 7  | 5  | 3  | 2  | 1  | 2  | 2  | 4  | 7  | 9  | 10 | 11 | 12 | 13 | 13 | 14 | 14 | 14 | 14 | 15 | 222 | 9.3 |      | 23:49 | 15    | *     | *     | *  | *  | 7: 4 | 1    | *    | *     | *     | *     | *  | *  |    |   |   |
| 23 | 15   | 14 | 12 | 10 | 7  | 5  | 3  | 1  | 1  | 1  | 3  | 5  | 8  | 10 | 12 | 12 | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 230 | 9.6 |      | *     | *     | *     | *     | *  | *  | *    | *    | 7:59 | 1     | *     | *     | *  | *  | *  | * |   |
| 24 | 15   | 15 | 14 | 12 | 10 | 7  | 4  | 2  | 0  | 0  | 1  | 3  | 6  | 9  | 11 | 12 | 13 | 14 | 14 | 13 | 13 | 13 | 14 | 228 | 9.5 |      | 0:51  | 15    | 17:38 | 14    | *  | *  | *    | *    | 8:41 | 0     | 20:26 | 13    | *  | *  | *  | * |   |
| 25 | 14   | 15 | 16 | 14 | 12 | 9  | 6  | 3  | 0  | -1 | -1 | 1  | 4  | 7  | 10 | 12 | 13 | 13 | 13 | 12 | 12 | 12 | 13 | 221 | 9.2 |      | 1:40  | 16    | 16:52 | 13    | *  | *  | *    | *    | 9:17 | -1    | 20:55 | 12    | *  | *  | *  | * |   |
| 26 | 14   | 15 | 16 | 16 | 14 | 11 | 7  | 4  | 0  | -2 | -2 | -1 | 1  | 5  | 9  | 12 | 13 | 13 | 12 | 11 | 10 | 10 | 11 | 209 | 8.7 |      | 2:18  | 16    | 16:41 | 13    | *  | *  | *    | *    | 9:49 | -2    | 21:23 | 10    | *  | *  | *  | * |   |
| 27 | 12   | 14 | 16 | 16 | 15 | 12 | 9  | 5  | 1  | -2 | -4 | -3 | -1 | 3  | 7  | 10 | 12 | 13 | 12 | 11 | 9  | 8  | 8  | 8   | 191 | 8.0  | F     | 2:47  | 16    | 16:58 | 13 | *  | *    | *    | *    | 10:19 | -4    | 21:48 | 8  | *  | *  | * | * |
| 28 | 10   | 12 | 14 | 15 | 15 | 13 | 10 | 6  | 2  | -2 | -4 | -4 | -3 | 0  | 5  | 9  | 11 | 12 | 12 | 10 | 8  | 6  | 6  | 6   | 169 | 7.0  |       | 3:14  | 16    | 17:19 | 12 | *  | *    | *    | *    | 10:47 | -4    | 22:13 | 5  | *  | *  | * | * |
| 29 | 7    | 9  | 12 | 14 | 14 | 13 | 11 | 7  | 3  | -1 | -4 | -5 | -4 | -2 | 2  | 7  | 10 | 11 | 12 | 10 | 8  | 5  | 3  | 3   | 145 | 6.0  |       | 3:44  | 14    | 17:36 | 12 | *  | *    | *    | *    | 11:11 | -5    | 22:45 | 3  | *  | *  | * | * |
| 30 | 3    | 5  | 8  | 11 | 13 | 12 | 11 | 8  | 5  | 0  | -3 | -4 | -4 | -3 | 0  | 5  | 9  | 11 | 11 | 10 | 8  | 5  | 2  | 1   | 124 | 5.2  |       | 4:20  | 13    | 17:43 | 11 | *  | *    | *    | *    | 11:27 | -4    | 23:28 | 1  | *  | *  | * | * |
| 31 | 1    | 1  | 3  | 6  | 10 | 11 | 10 | 9  | 6  | 3  | -1 | -3 | -3 | -3 | -1 | 3  | 7  | 10 | 10 | 10 | 8  | 5  | 2  | -1  | 103 | 4.3  |       | 5: 6  | 11    | 17:56 | 10 | *  | *    | *    | *    | 11:43 | -3    | *     | *  | *  | *  | * | * |

| 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      | 5926         | 8.0           | 1日4時10分 | 19 | 1  | 13日11時10分 | -8 | 3  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(cm)

2013 年 2 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |    |     | 日合計 |     | 日平均   |       | 月     | 満潮    |    |      |      |      |     |       |       | 干潮    |    |   |   |   |   |  |  |
|----|------|----|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-------|-------|-------|-------|----|------|------|------|-----|-------|-------|-------|----|---|---|---|---|--|--|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9   | 10  | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 時刻  | 潮位  | 時刻    | 潮位    |       | 時刻    | 潮位 | 時刻   | 潮位   | 時刻   | 潮位  | 時刻    | 潮位    | 時刻    | 潮位 |   |   |   |   |  |  |
| 1  | -2   | -2 | -1 | 2  | 5  | 8  | 9  | 8  | 7  | 5   | 2   | -1  | -2 | -1 | 0  | 2  | 5  | 8  | 10 | 10 | 8  | 6  | 3  | -1  | 88  | 3.7 |       | 6:5   | 9     | 18:21 | 10 | *    | *    | *    | *   | 0:24  | -2    | 12:7  | -2 | * | * | * | * |  |  |
| 2  | -3   | -4 | -4 | -2 | 0  | 3  | 6  | 7  | 6  | 6   | 4   | 2   | 0  | 0  | 1  | 2  | 4  | 7  | 9  | 10 | 9  | 7  | 4  | 1   | 75  | 3.1 |       | 7:25  | 7     | 18:55 | 10 | *    | *    | *    | *   | 1:25  | -4    | 12:41 | 0  | * | * | * | * |  |  |
| 3  | -2   | -4 | -5 | -5 | -4 | -1 | 1  | 4  | 5  | 5   | 5   | 4   | 3  | 2  | 2  | 3  | 4  | 6  | 8  | 9  | 9  | 8  | 6  | 3   | 66  | 2.8 | L     | 8:53  | 5     | 19:36 | 10 | *    | *    | *    | *   | 2:23  | -5    | 13:19 | 2  | * | * | * | * |  |  |
| 4  | 0    | -3 | -5 | -6 | -6 | -5 | -3 | 0  | 2  | 4   | 4   | 5   | 4  | 4  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 9  | 8  | 6   | 60  | 2.5 |       | 10:56 | 5     | 20:25 | 9  | *    | *    | *    | *   | 3:28  | -6    | 14:0  | 3  | * | * | * | * |  |  |
| 5  | 4    | 1  | -2 | -4 | -6 | -6 | -6 | -4 | -2 | 1   | 3   | 4   | 5  | 5  | 5  | 5  | 6  | 7  | 8  | 9  | 9  | 9  | 8  | 64  | 2.7 |     | 21:23 | 10    | *     | *     | *  | *    | 5:15 | -6   | *   | *     | *     | *     | *  | * |   |   |   |  |  |
| 6  | 7    | 5  | 2  | -1 | -4 | -5 | -7 | -7 | -6 | -3  | -1  | 2   | 4  | 5  | 6  | 6  | 6  | 6  | 7  | 7  | 8  | 9  | 10 | 10  | 66  | 2.8 |       | 22:37 | 10    | *     | *  | *    | *    | 6:52 | -7  | *     | *     | *     | *  | * | * |   |   |  |  |
| 7  | 9    | 8  | 6  | 3  | 0  | -3 | -6 | -8 | -8 | -7  | -5  | -1  | 2  | 4  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 9  | 10  | 68  | 2.8 |       | *     | *     | *     | *  | 7:58 | -8   | *    | *   | *     | *     | *     | *  |   |   |   |   |  |  |
| 8  | 11   | 11 | 10 | 8  | 4  | 1  | -3 | -6 | -9 | -10 | -8  | -5  | -1 | 2  | 6  | 7  | 8  | 7  | 7  | 6  | 6  | 6  | 7  | 9   | 74  | 3.1 |       | 0:31  | 11    | 15:50 | 8  | *    | *    | *    | *   | 8:52  | -10   | 20:35 | 6  | * | * | * | * |  |  |
| 9  | 11   | 12 | 12 | 11 | 9  | 5  | 1  | -4 | -8 | -10 | -10 | -8  | -4 | 0  | 4  | 7  | 9  | 9  | 7  | 6  | 5  | 4  | 5  | 6   | 79  | 3.3 |       | 1:51  | 12    | 16:22 | 9  | *    | *    | *    | *   | 9:39  | #-11  | 21:14 | 4  | * | * | * | * |  |  |
| 10 | 9    | 11 | 13 | 13 | 12 | 9  | 5  | 0  | -5 | -9  | -10 | -10 | -7 | -2 | 3  | 7  | 9  | 10 | 9  | 6  | 4  | 3  | 3  | 3   | 86  | 3.6 | N     | 2:44  | 13    | 16:50 | 10 | *    | *    | *    | *   | 10:19 | -10   | 21:54 | 3  | * | * | * | * |  |  |
| 11 | 6    | 9  | 12 | 13 | 13 | 12 | 8  | 3  | -2 | -6  | -9  | -9  | -8 | -4 | 1  | 6  | 9  | 10 | 10 | 8  | 5  | 2  | 1  | 1   | 91  | 3.8 |       | 3:31  | #14   | 17:16 | 10 | *    | *    | *    | *   | 10:53 | -9    | 22:35 | 1  | * | * | * | * |  |  |
| 12 | 2    | 5  | 9  | 11 | 13 | 12 | 10 | 7  | 2  | -3  | -6  | -7  | -7 | -4 | 0  | 5  | 8  | 11 | 11 | 9  | 6  | 3  | 0  | -1  | 96  | 4.0 |       | 4:19  | 13    | 17:41 | 11 | *    | *    | *    | *   | 11:22 | -8    | 23:20 | -1 | * | * | * | * |  |  |
| 13 | -1   | 1  | 5  | 8  | 10 | 11 | 11 | 8  | 5  | 1   | -3  | -4  | -5 | -4 | 0  | 4  | 8  | 10 | 11 | 11 | 8  | 4  | 1  | -2  | 98  | 4.1 |       | 5:12  | 11    | 18:9  | 11 | *    | *    | *    | *   | 11:48 | -5    | *     | *  | * | * | * | * |  |  |
| 14 | -2   | -2 | 1  | 4  | 7  | 9  | 9  | 9  | 7  | 3   | 0   | -1  | -2 | -2 | 1  | 4  | 7  | 10 | 11 | 11 | 10 | 6  | 2  | -1  | 101 | 4.2 |       | 6:12  | 9     | 18:38 | 12 | *    | *    | *    | *   | 0:7   | -2    | 12:12 | -2 | * | * | * | * |  |  |
| 15 | -3   | -3 | -2 | 1  | 3  | 5  | 7  | 8  | 7  | 5   | 3   | 1   | 1  | 1  | 2  | 5  | 7  | 9  | 11 | 11 | 11 | 8  | 4  | 1   | 103 | 4.3 |       | 7:14  | 8     | 19:10 | 11 | *    | *    | *    | *   | 0:54  | -3    | 12:34 | 1  | * | * | * | * |  |  |
| 16 | -2   | -3 | -4 | -2 | 1  | 3  | 4  | 6  | 7  | 6   | 5   | 3   | 3  | 3  | 4  | 5  | 8  | 9  | 10 | 11 | 11 | 10 | 7  | 3   | 108 | 4.5 |       | 8:14  | 7     | 19:45 | 11 | *    | *    | *    | *   | 1:41  | -4    | 12:29 | 3  | * | * | * | * |  |  |
| 17 | 0    | -2 | -3 | -3 | -1 | 1  | 2  | 3  | 5  | 6   | 6   | 5   | 5  | 5  | 5  | 6  | 8  | 10 | 10 | 10 | 11 | 10 | 9  | 6   | 114 | 4.8 |       | 9:14  | 6     | 19:21 | 11 | *    | *    | *    | *   | 2:29  | -3    | 11:48 | 5  | * | * | * | * |  |  |
| 18 | 3    | 1  | -1 | -2 | -2 | -1 | 1  | 2  | 3  | 5   | 6   | 6   | 5  | 6  | 6  | 7  | 8  | 10 | 11 | 10 | 10 | 10 | 8  | 122 | 5.1 | U   | 19:42 | 11    | *     | *     | *  | *    | 3:19 | -2   | *   | *     | *     | *     | *  | * |   |   |   |  |  |
| 19 | 6    | 4  | 2  | 0  | -1 | -1 | 0  | 1  | 1  | 3   | 5   | 6   | 6  | 6  | 7  | 8  | 8  | 9  | 10 | 11 | 10 | 10 | 10 | 10  | 131 | 5.5 |       | 18:51 | 11    | *     | *  | *    | *    | 4:18 | -1  | *     | *     | *     | *  | * | * |   |   |  |  |
| 20 | 8    | 6  | 4  | 2  | 1  | 0  | -1 | 0  | 0  | 1   | 3   | 5   | 6  | 7  | 7  | 8  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10  | 135 | 5.6 |       | 21:25 | 10    | *     | *  | *    | *    | 5:41 | -1  | *     | *     | *     | *  | * | * |   |   |  |  |
| 21 | 10   | 9  | 7  | 5  | 3  | 1  | 0  | -1 | -1 | 0   | 1   | 3   | 6  | 7  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10  | 143 | 6.0 |       | *     | *     | *     | *  | *    | 7:12 | -1   | *   | *     | *     | *     | *  | * |   |   |   |  |  |
| 22 | 11   | 11 | 9  | 7  | 5  | 3  | 1  | -1 | -2 | -1  | 0   | 2   | 4  | 7  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 146 | 6.1 |     | 0:36  | 11    | 17:12 | 9     | *  | *    | *    | *    | 8:7 | -2    | 19:52 | 9     | *  | * | * | * |   |  |  |
| 23 | 10   | 11 | 11 | 10 | 7  | 5  | 2  | -1 | -3 | -3  | -2  | 0   | 2  | 6  | 8  | 9  | 9  | 9  | 8  | 8  | 7  | 7  | 7  | 8   | 135 | 5.6 |       | 1:30  | 11    | 15:30 | 9  | *    | *    | *    | *   | 8:46  | -3    | 20:38 | 7  | * | * | * | * |  |  |
| 24 | 10   | 11 | 12 | 11 | 9  | 7  | 3  | 0  | -3 | -4  | -4  | -2  | 1  | 4  | 8  | 10 | 10 | 9  | 8  | 6  | 5  | 4  | 5  | 6   | 126 | 5.3 |       | 2:12  | 12    | 15:46 | 10 | *    | *    | *    | *   | 9:20  | -4    | 21:14 | 4  | * | * | * | * |  |  |
| 25 | 8    | 10 | 12 | 12 | 11 | 8  | 5  | 1  | -2 | -4  | -5  | -4  | -1 | 3  | 7  | 9  | 10 | 10 | 8  | 5  | 3  | 2  | 2  | 2   | 112 | 4.7 |       | 2:49  | 12    | 16:6  | 10 | *    | *    | *    | *   | 9:50  | -5    | 21:46 | 2  | * | * | * | * |  |  |
| 26 | 5    | 7  | 10 | 12 | 12 | 10 | 7  | 3  | -1 | -4  | -5  | -5  | -3 | 1  | 5  | 8  | 10 | 10 | 8  | 5  | 2  | -1 | -1 | -1  | 94  | 3.9 | F     | 3:24  | 12    | 16:22 | 10 | *    | *    | *    | *   | 10:18 | -5    | 22:15 | -1 | * | * | * | * |  |  |
| 27 | 0    | 4  | 7  | 10 | 11 | 10 | 8  | 5  | 0  | -3  | -5  | -5  | -4 | -1 | 3  | 7  | 9  | 9  | 8  | 5  | 1  | -2 | -4 | -4  | 69  | 2.9 |       | 4:1   | 11    | 16:32 | 10 | *    | *    | *    | *   | 10:41 | -5    | 22:44 | -4 | * | * | * | * |  |  |
| 28 | -3   | -1 | 3  | 7  | 9  | 10 | 9  | 6  | 3  | -1  | -4  | -4  | -4 | -2 | 2  | 6  | 8  | 9  | 8  | 5  | 2  | -3 | -6 | -7  | 52  | 2.2 |       | 4:42  | 10    | 16:45 | 9  | *    | *    | *    | *   | 10:58 | -4    | 23:16 | -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 |
| 672      | 2702         | 4.0           | 11日3時31分 | 14 | 1  | 9日9時39分 | -11 | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(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    |   |   |   |   |
| 1  | -7   | -5  | -2 | 2  | 6  | 8  | 8  | 7  | 5  | 1  | -2 | -3 | -3 | -2 | 0  | 4  | 7  | 8  | 8  | 6  | 3  | -2 | -6 | -8  | 33  | 1.4 |   | 5:31  | 8    | 17: 6 | 8    | *  | *  | *  | *  | 11:17 | -3  | 23:58 | -9    | * | * | * | * |
| 2  | -9   | -8  | -6 | -3 | 2  | 5  | 6  | 7  | 5  | 3  | 0  | -2 | -2 | -1 | 0  | 2  | 5  | 7  | 8  | 6  | 4  | 0  | -4 | -7  | 18  | 0.8 |   | 6:33  | 7    | 17:36 | 8    | *  | *  | *  | *  | 11:43 | -2  | *     | *     | * | * | * | * |
| 3  | -9   | -10 | -9 | -7 | -3 | 1  | 3  | 5  | 5  | 4  | 2  | 0  | -1 | 0  | 0  | 2  | 4  | 6  | 7  | 7  | 5  | 2  | -1 | -5  | 8   | 0.3 |   | 7:41  | 5    | 18:13 | 7    | *  | *  | *  | *  | 0:50  | -10 | 12:16 | -1    | * | * | * | * |
| 4  | -7   | -9  | -9 | -9 | -7 | -4 | -1 | 2  | 3  | 4  | 3  | 2  | 1  | 0  | 1  | 2  | 3  | 5  | 6  | 7  | 6  | 5  | 2  | -1  | 5   | 0.2 |   | 8:51  | 4    | 19: 2 | 7    | *  | *  | *  | *  | 1:52  | -9  | 12:53 | 0     | * | * | * | * |
| 5  | -4   | -7  | -8 | -9 | -8 | -7 | -5 | -2 | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 5  | 5  | 6  | 7  | 6  | 5  | 3   | 4   | 0.2 | L | 10:32 | 2    | 20: 4 | 7    | *  | *  | *  | *  | 3: 4  | -9  | 13:33 | 2     | * | * | * | * |
| 6  | 0    | -2  | -5 | -7 | -8 | -8 | -8 | -6 | -4 | -1 | 1  | 2  | 3  | 3  | 3  | 3  | 4  | 5  | 5  | 6  | 6  | 7  | 7  | 6   | 12  | 0.5 |   | 21:13 | 7    | *     | *    | *  | *  | *  | *  | 5: 1  | -8  | *     | *     | * | * | * | * |
| 7  | 4    | 2   | 0  | -3 | -5 | -7 | -8 | -8 | -7 | -5 | -2 | 0  | 2  | 3  | 4  | 4  | 4  | 5  | 5  | 5  | 5  | 7  | 7  | 8   | 20  | 0.8 |   | 22:38 | 8    | *     | *    | *  | *  | *  | *  | 6:45  | -8  | *     | *     | * | * | * | * |
| 8  | 7    | 6   | 4  | 2  | -2 | -4 | -7 | -8 | -9 | -8 | -5 | -2 | 1  | 3  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 5  | 6  | 8   | 30  | 1.3 |   | 14:49 | 5    | *     | *    | *  | *  | *  | *  | 7:49  | -9  | 19:52 | 4     | * | * | * | * |
| 9  | 9    | 9   | 8  | 6  | 3  | 0  | -4 | -7 | -9 | -9 | -7 | -4 | 0  | 3  | 5  | 7  | 6  | 6  | 5  | 4  | 3  | 3  | 4  | 6   | 47  | 2.0 |   | 0:48  | 9    | 15:20 | 7    | *  | *  | *  | *  | 8:40  | -9  | 20:39 | 3     | * | * | * | * |
| 10 | 8    | 10  | 10 | 10 | 7  | 4  | 0  | -4 | -7 | -9 | -8 | -6 | -2 | 2  | 6  | 8  | 8  | 7  | 5  | 3  | 2  | 1  | 1  | 3   | 59  | 2.5 |   | 2: 2  | 10   | 15:44 | 8    | *  | *  | *  | *  | 9:23  | -9  | 21:19 | 1     | * | * | * | * |
| 11 | 6    | 9   | 11 | 11 | 10 | 8  | 4  | 0  | -4 | -6 | -7 | -6 | -3 | 2  | 6  | 9  | 10 | 9  | 7  | 4  | 1  | -1 | -1 | 0   | 79  | 3.3 |   | 2:56  | 11   | 16: 6 | 10   | *  | *  | *  | *  | 9:59  | -7  | 21:56 | -1    | * | * | * | * |
| 12 | 2    | 6   | 9  | 11 | 11 | 10 | 7  | 3  | 0  | -3 | -5 | -5 | -3 | 1  | 6  | 9  | 11 | 11 | 8  | 5  | 1  | -2 | -3 | -3  | 87  | 3.6 | N | 3:47  | 11   | 16:25 | 11   | *  | *  | *  | *  | 10:29 | -5  | 22:31 | -3    | * | * | * | * |
| 13 | -1   | 2   | 6  | 9  | 11 | 11 | 10 | 6  | 3  | 0  | -2 | -3 | -2 | 1  | 5  | 9  | 11 | 12 | 10 | 7  | 2  | -2 | -4 | -5  | 96  | 4.0 |   | 4:36  | 11   | 16:45 | # 12 | *  | *  | *  | *  | 10:54 | -3  | 23: 5 | -5    | * | * | * | * |
| 14 | -4   | -2  | 3  | 6  | 9  | 10 | 10 | 8  | 5  | 2  | 0  | -1 | 0  | 2  | 5  | 9  | 11 | 12 | 11 | 8  | 4  | 0  | -4 | -6  | 98  | 4.1 |   | 5:26  | 10   | 17: 5 | # 12 | *  | *  | *  | *  | 11:15 | -1  | 23:42 | -6    | * | * | * | * |
| 15 | -6   | -4  | -1 | 3  | 6  | 8  | 9  | 9  | 7  | 4  | 2  | 2  | 2  | 3  | 5  | 8  | 11 | 12 | 11 | 10 | 6  | 2  | -2 | -5  | 102 | 4.3 |   | 6:16  | 9    | 17:20 | # 12 | *  | *  | *  | *  | 11:32 | 1   | *     | *     | * | * | * | * |
| 16 | -6   | -6  | -3 | 0  | 4  | 6  | 8  | 8  | 8  | 6  | 4  | 3  | 3  | 4  | 5  | 8  | 10 | 11 | 11 | 10 | 8  | 4  | 0  | -3  | 103 | 4.3 |   | 7: 6  | 8    | 17:11 | 11   | *  | *  | *  | *  | 0:21  | -6  | 11:29 | 3     | * | * | * | * |
| 17 | -5   | -6  | -5 | -2 | 1  | 4  | 5  | 7  | 8  | 7  | 5  | 4  | 4  | 5  | 6  | 8  | 10 | 11 | 10 | 10 | 9  | 6  | 3  | 0   | 105 | 4.4 |   | 7:56  | 8    | 17: 7 | 11   | *  | *  | *  | *  | 1: 4  | -6  | 11:14 | 4     | * | * | * | * |
| 18 | -3   | -4  | -4 | -3 | 0  | 2  | 4  | 5  | 6  | 7  | 6  | 5  | 5  | 5  | 6  | 7  | 9  | 11 | 10 | 10 | 9  | 8  | 6  | 2   | 109 | 4.5 |   | 8:47  | 7    | 17:25 | 11   | *  | *  | *  | *  | 1:49  | -4  | 11:26 | 5     | * | * | * | * |
| 19 | 0    | -1  | -3 | -3 | -1 | 1  | 2  | 3  | 5  | 6  | 6  | 6  | 5  | 6  | 6  | 7  | 8  | 10 | 10 | 10 | 9  | 8  | 7  | 5   | 112 | 4.7 |   | 9:43  | 6    | 17:55 | 10   | *  | *  | *  | *  | 2:39  | -3  | 11:50 | 5     | * | * | * | * |
| 20 | 3    | 1   | 0  | -1 | -1 | 0  | 1  | 2  | 3  | 4  | 6  | 6  | 6  | 6  | 7  | 7  | 8  | 9  | 10 | 10 | 9  | 9  | 8  | 7   | 120 | 5.0 | U | 18:31 | 10   | *     | *    | *  | *  | *  | *  | 3:35  | -1  | *     | *     | * | * | * | * |
| 21 | 6    | 4   | 2  | 1  | 0  | 0  | 0  | 1  | 2  | 3  | 5  | 6  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 9  | 9  | 8  | 8   | 126 | 5.3 |   | 19:17 | 9    | *     | *    | *  | *  | *  | *  | 4:44  | 0   | *     | *     | * | * | * | * |
| 22 | 8    | 7   | 5  | 3  | 2  | 0  | 0  | 0  | 1  | 2  | 3  | 5  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9   | 132 | 5.5 |   | 22:23 | 9    | *     | *    | *  | *  | *  | *  | 6: 6  | 0   | *     | *     | * | * | * | * |
| 23 | 9    | 9   | 7  | 5  | 3  | 2  | 0  | -1 | 0  | 1  | 2  | 4  | 6  | 8  | 9  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 8   | 131 | 5.5 |   | 13:57 | 9    | *     | *    | *  | *  | *  | *  | 7:12  | -1  | 19:32 | 6     | * | * | * | * |
| 24 | 9    | 10  | 9  | 8  | 6  | 3  | 1  | 0  | -1 | -1 | 1  | 3  | 6  | 8  | 10 | 10 | 8  | 7  | 6  | 5  | 4  | 4  | 5  | 7   | 128 | 5.3 |   | 1:16  | 10   | 14:25 | 10   | *  | *  | *  | *  | 8: 0  | -1  | 20:19 | 4     | * | * | * | * |
| 25 | 8    | 10  | 11 | 10 | 8  | 5  | 3  | 0  | -1 | -2 | 0  | 2  | 5  | 8  | 10 | 10 | 9  | 7  | 5  | 3  | 2  | 1  | 2  | 4   | 120 | 5.0 |   | 2: 7  | 11   | 14:50 | 10   | *  | *  | *  | *  | 8:40  | -2  | 20:56 | 1     | * | * | * | * |
| 26 | 6    | 9   | 11 | 11 | 10 | 8  | 5  | 2  | -1 | -2 | -1 | 1  | 4  | 7  | 10 | 11 | 10 | 8  | 5  | 2  | -1 | -2 | -2 | -1  | 110 | 4.6 |   | 2:52  | 11   | 15:11 | 11   | *  | *  | *  | *  | 9:16  | -2  | 21:28 | -2    | * | * | * | * |
| 27 | 2    | 6   | 9  | 11 | 11 | 10 | 7  | 4  | 1  | -1 | -2 | -1 | 2  | 6  | 9  | 11 | 11 | 9  | 5  | 1  | -3 | -5 | -6 | -5  | 92  | 3.8 | F | 3:35  | # 12 | 15:27 | 11   | *  | *  | *  | *  | 9:48  | -2  | 21:57 | -6    | * | * | * | * |
| 28 | -2   | 2   | 7  | 10 | 12 | 11 | 9  | 6  | 2  | 0  | -1 | -1 | 1  | 4  | 8  | 10 | 11 | 9  | 6  | 2  | -3 | -7 | -8 | -8  | 80  | 3.3 |   | 4:18  | # 12 | 15:42 | 11   | *  | *  | *  | *  | 10:14 | -1  | 22:26 | -8    | * | * | * | * |
| 29 | -6   | -3  | 2  | 7  | 10 | 11 | 10 | 8  | 4  | 1  | 0  | 0  | 0  | 3  | 6  | 9  | 10 | 9  | 7  | 3  | -2 | -7 | -9 | -10 | 63  | 2.6 |   | 5: 2  | 11   | 16: 2 | 10   | *  | *  | *  | *  | 10:35 | -1  | 22:59 | -10   | * | * | * | * |
| 30 | -10  | -7  | -3 | 3  | 7  | 9  | 10 | 9  | 6  | 3  | 1  | 0  | 1  | 2  | 4  | 7  | 10 | 10 | 8  | 5  | 0  | -5 | -9 | -11 | 50  | 2.1 |   | 5:50  | 10   | 16:29 | 10   | *  | *  | *  | *  | 10:56 | 0   | 23:40 | # -11 | * | * | * | * |
| 31 | -11  | -10 | -7 | -2 | 3  | 6  | 8  | 8  | 7  | 5  | 2  | 1  | 1  | 2  | 3  | 6  | 8  | 9  | 8  | 6  | 3  | -1 | -6 | -9  | 40  | 1.7 |   | 6:44  | 8    | 17: 3 | 9    | *  | *  | *  | *  | 11:21 | 1   | *     | *     | * | * | * | * |

| 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      | 2319         | 3.1           | 28日 4時 18分 | 12 | 5  | 30日 23時 40分 | -11 | 1  |

推算潮位 ( 毎時・満干潮 )

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(cm)

2013 年 4 月

| 日  | 毎時潮位 |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 日合計 | 日平均 | 月 | 満潮    |      |       |      |    |    |      |    | 干潮    |       |       |    |    |    |    |    |
|----|------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|---|-------|------|-------|------|----|----|------|----|-------|-------|-------|----|----|----|----|----|
|    | 0    | 1   | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |     |     |   | 時刻    | 潮位   | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | -10  | -11 | -9 | -6 | -2 | 2  | 5  | 6  | 7  | 5  | 4  | 2  | 2  | 2  | 3  | 5  | 7  | 8  | 9  | 8  | 5  | 2  | -2 | -5 | 37  | 1.5 |   | 7:43  | 7    | 17:44 | 9    | *  | *  | *    | *  | 0:34  | # -11 | 11:52 | 2  | *  | *  | *  | *  |
| 2  | -8   | -9  | -9 | -8 | -6 | -3 | 0  | 3  | 5  | 5  | 4  | 3  | 2  | 2  | 3  | 4  | 6  | 7  | 8  | 8  | 7  | 5  | 2  | -1 | 30  | 1.3 |   | 8:47  | 5    | 18:39 | 8    | *  | *  | *    | *  | 1:42  | -10   | 12:28 | 2  | *  | *  | *  | *  |
| 3  | -4   | -6  | -8 | -8 | -7 | -6 | -4 | -1 | 2  | 3  | 4  | 4  | 4  | 3  | 4  | 4  | 5  | 6  | 7  | 8  | 8  | 7  | 6  | 4  | 35  | 1.5 | L | 10:17 | 4    | 19:55 | 8    | *  | *  | *    | *  | 2:57  | -8    | 13:15 | 3  | *  | *  | *  | *  |
| 4  | 1    | -2  | -4 | -6 | -7 | -7 | -6 | -4 | -1 | 1  | 3  | 4  | 5  | 5  | 4  | 5  | 5  | 6  | 6  | 7  | 7  | 8  | 8  | 7  | 45  | 1.9 |   | 21:14 | 8    | *     | *    | *  | *  | 4:42 | -7 | *     | *     | *     | *  | *  | *  | *  |    |
| 5  | 5    | 3   | 1  | -2 | -4 | -5 | -6 | -6 | -4 | -1 | 2  | 4  | 5  | 6  | 6  | 6  | 5  | 6  | 6  | 5  | 6  | 7  | 8  | 8  | 61  | 2.5 |   | 13:28 | 6    | 22:49 | 8    | *  | *  | *    | *  | 6:25  | -6    | 17:24 | 5  | *  | *  | *  | *  |
| 6  | 8    | 7   | 5  | 3  | 0  | -2 | -4 | -5 | -5 | -3 | 0  | 3  | 6  | 7  | 8  | 7  | 6  | 6  | 5  | 4  | 4  | 5  | 6  | 8  | 79  | 3.3 |   | 14: 1 | 8    | *     | *    | *  | *  | 7:27 | -5 | 19:55 | 4     | *     | *  | *  | *  |    |    |
| 7  | 9    | 9   | 9  | 7  | 5  | 2  | 0  | -2 | -4 | -3 | -1 | 3  | 6  | 8  | 10 | 10 | 8  | 7  | 5  | 3  | 2  | 2  | 3  | 6  | 104 | 4.3 |   | 1: 5  | 9    | 14:28 | 10   | *  | *  | *    | *  | 8:16  | -4    | 20:38 | 2  | *  | *  | *  | *  |
| 8  | 8    | 10  | 11 | 11 | 9  | 6  | 4  | 1  | -1 | -2 | -1 | 2  | 6  | 9  | 11 | 12 | 11 | 8  | 5  | 3  | 1  | 0  | 0  | 2  | 126 | 5.3 |   | 2:18  | 11   | 14:49 | 12   | *  | *  | *    | *  | 8:58  | -2    | 21:14 | 0  | *  | *  | *  | *  |
| 9  | 6    | 9   | 11 | 12 | 12 | 10 | 8  | 5  | 2  | 1  | 1  | 3  | 6  | 9  | 12 | 13 | 13 | 10 | 7  | 3  | 0  | -2 | -2 | -1 | 148 | 6.2 |   | 3:16  | 12   | 15: 9 | 13   | *  | *  | *    | *  | 9:34  | 1     | 21:46 | -2 | *  | *  | *  | *  |
| 10 | 2    | 6   | 10 | 12 | 13 | 13 | 11 | 8  | 6  | 4  | 3  | 4  | 6  | 9  | 13 | 14 | 14 | 12 | 9  | 4  | 0  | -3 | -4 | -3 | 163 | 6.8 | N | 4: 7  | 13   | 15:27 | # 15 | *  | *  | *    | *  | 10: 4 | 3     | 22:15 | -4 | *  | *  | *  | *  |
| 11 | -1   | 3   | 8  | 11 | 13 | 14 | 13 | 10 | 8  | 6  | 5  | 5  | 7  | 9  | 13 | 15 | 15 | 14 | 11 | 6  | 2  | -2 | -4 | -5 | 176 | 7.3 |   | 4:52  | 14   | 15:45 | # 15 | *  | *  | *    | *  | 10:28 | 5     | 22:44 | -5 | *  | *  | *  | *  |
| 12 | -3   | 0   | 5  | 9  | 12 | 13 | 13 | 12 | 10 | 8  | 7  | 6  | 7  | 9  | 12 | 15 | 15 | 15 | 12 | 9  | 4  | -1 | -4 | -5 | 180 | 7.5 |   | 5:33  | 14   | 15:59 | # 15 | *  | *  | *    | *  | 10:44 | 6     | 23:15 | -5 | *  | *  | *  | *  |
| 13 | -5   | -2  | 2  | 7  | 10 | 12 | 13 | 13 | 11 | 9  | 8  | 7  | 8  | 9  | 12 | 14 | 15 | 15 | 13 | 10 | 6  | 1  | -2 | -4 | 182 | 7.6 |   | 6:12  | 13   | 16: 6 | # 15 | *  | *  | *    | *  | 10:49 | 7     | 23:50 | -5 | *  | *  | *  | *  |
| 14 | -4   | -3  | 0  | 5  | 8  | 10 | 12 | 12 | 11 | 9  | 8  | 8  | 8  | 9  | 11 | 13 | 15 | 14 | 13 | 11 | 8  | 4  | 0  | -2 | 180 | 7.5 |   | 6:52  | 12   | 16:14 | # 15 | *  | *  | *    | *  | 10:37 | 8     | *     | *  | *  | *  | *  | *  |
| 15 | -3   | -3  | -1 | 3  | 6  | 8  | 10 | 11 | 11 | 10 | 8  | 8  | 8  | 9  | 10 | 12 | 14 | 14 | 13 | 12 | 10 | 7  | 3  | 0  | 180 | 7.5 |   | 7:35  | 11   | 16:32 | 14   | *  | *  | *    | *  | 0:30  | -3    | 10:45 | 8  | *  | *  | *  | *  |
| 16 | -1   | -2  | -1 | 1  | 4  | 7  | 8  | 9  | 10 | 10 | 9  | 8  | 8  | 9  | 10 | 11 | 13 | 14 | 13 | 12 | 11 | 9  | 6  | 3  | 181 | 7.5 |   | 8:22  | 10   | 17: 0 | 14   | *  | *  | *    | *  | 1:16  | -2    | 11: 8 | 8  | *  | *  | *  | *  |
| 17 | 1    | 0   | 0  | 0  | 3  | 5  | 7  | 8  | 9  | 10 | 10 | 9  | 8  | 9  | 10 | 10 | 12 | 13 | 13 | 12 | 11 | 10 | 8  | 6  | 184 | 7.7 |   | 9:14  | 10   | 17:35 | 13   | *  | *  | *    | *  | 2: 5  | 0     | 11:41 | 8  | *  | *  | *  | *  |
| 18 | 4    | 2   | 1  | 1  | 2  | 4  | 6  | 7  | 8  | 9  | 10 | 10 | 9  | 9  | 10 | 10 | 11 | 12 | 12 | 12 | 11 | 10 | 10 | 8  | 188 | 7.8 | U | 10:14 | 10   | 18:15 | 13   | *  | *  | *    | *  | 2:56  | 1     | 12:27 | 9  | *  | *  | *  | *  |
| 19 | 6    | 4   | 3  | 2  | 2  | 3  | 4  | 6  | 7  | 8  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 10 | 10 | 10 | 188 | 7.8 |   | 11:19 | 10   | 19: 8 | 11   | *  | *  | *    | *  | 3:51  | 2     | 13:52 | 10 | *  | *  | *  | *  |
| 20 | 9    | 7   | 5  | 4  | 3  | 3  | 4  | 5  | 7  | 8  | 9  | 11 | 11 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 193 | 8.0 |   | 12:13 | 11   | 22:13 | 10   | *  | *  | *    | *  | 4:54  | 3     | 17:50 | 9  | *  | *  | *  | *  |
| 21 | 10   | 9   | 8  | 6  | 5  | 4  | 4  | 4  | 6  | 7  | 9  | 10 | 12 | 12 | 12 | 10 | 9  | 8  | 7  | 7  | 7  | 8  | 9  | 9  | 192 | 8.0 |   | 12:54 | 12   | *     | *    | *  | *  | 6: 5 | 4  | 19: 6 | 7     | *     | *  | *  | *  |    |    |
| 22 | 10   | 11  | 10 | 9  | 7  | 6  | 5  | 4  | 5  | 7  | 8  | 10 | 12 | 13 | 13 | 11 | 9  | 7  | 6  | 4  | 4  | 5  | 6  | 8  | 190 | 7.9 |   | 1: 5  | 11   | 13:27 | 13   | *  | *  | *    | *  | 7: 7  | 4     | 19:52 | 4  | *  | *  | *  | *  |
| 23 | 10   | 12  | 12 | 12 | 10 | 8  | 7  | 5  | 5  | 6  | 8  | 10 | 12 | 13 | 14 | 13 | 10 | 7  | 4  | 2  | 1  | 1  | 2  | 5  | 189 | 7.9 |   | 2: 3  | 12   | 13:54 | 14   | *  | *  | *    | *  | 7:58  | 5     | 20:30 | 0  | *  | *  | *  | *  |
| 24 | 8    | 11  | 13 | 14 | 13 | 11 | 9  | 7  | 6  | 5  | 6  | 9  | 11 | 13 | 14 | 14 | 12 | 8  | 4  | 1  | -2 | -3 | -2 | 1  | 183 | 7.6 |   | 2:54  | 14   | 14:17 | 14   | *  | *  | *    | *  | 8:43  | 5     | 21: 5 | -3 | *  | *  | *  | *  |
| 25 | 4    | 9   | 12 | 15 | 15 | 13 | 11 | 9  | 7  | 6  | 6  | 7  | 10 | 13 | 14 | 15 | 13 | 10 | 5  | 0  | -3 | -5 | -6 | -4 | 176 | 7.3 |   | 3:40  | # 15 | 14:38 | # 15 | *  | *  | *    | *  | 9:21  | 6     | 21:38 | -6 | *  | *  | *  | *  |
| 26 | 0    | 5   | 10 | 14 | 15 | 15 | 13 | 10 | 8  | 6  | 6  | 6  | 8  | 11 | 14 | 15 | 14 | 11 | 7  | 2  | -3 | -6 | -8 | -7 | 166 | 6.9 | F | 4:24  | # 15 | 15: 2 | # 15 | *  | *  | *    | *  | 9:52  | 6     | 22:12 | -8 | *  | *  | *  | *  |
| 27 | -5   | 0   | 6  | 11 | 14 | 15 | 14 | 12 | 9  | 7  | 6  | 6  | 7  | 10 | 12 | 15 | 15 | 13 | 9  | 5  | -1 | -6 | -8 | -9 | 157 | 6.5 |   | 5: 8  | # 15 | 15:31 | # 15 | *  | *  | *    | *  | 10:14 | 6     | 22:50 | -9 | *  | *  | *  | *  |
| 28 | -8   | -4  | 1  | 7  | 11 | 13 | 14 | 13 | 10 | 8  | 6  | 6  | 7  | 8  | 11 | 13 | 15 | 14 | 11 | 8  | 3  | -2 | -6 | -8 | 151 | 6.3 |   | 5:54  | 14   | 16: 5 | # 15 | *  | *  | *    | *  | 10:34 | 6     | 23:37 | -9 | *  | *  | *  | *  |
| 29 | -9   | -7  | -4 | 2  | 7  | 10 | 12 | 12 | 11 | 9  | 7  | 6  | 7  | 8  | 9  | 12 | 14 | 14 | 13 | 10 | 7  | 2  | -3 | -6 | 143 | 6.0 |   | 6:45  | 12   | 16:43 | 14   | *  | *  | *    | *  | 10:59 | 6     | *     | *  | *  | *  | *  | *  |
| 30 | -7   | -7  | -6 | -3 | 2  | 6  | 9  | 10 | 11 | 10 | 8  | 7  | 7  | 7  | 8  | 10 | 12 | 14 | 13 | 12 | 10 | 6  | 2  | -2 | 139 | 5.8 |   | 7:41  | 11   | 17:27 | 14   | *  | *  | *    | *  | 0:36  | -8    | 11:31 | 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      | 4346         | 6.0           | 28 日 16 時 5 分 | 15 | 12 | 1 日 0 時 34 分 | -11 | 1  |



# 推算潮位 ( 毎時・満干潮 )

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(cm)

2013 年 6 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 日合計  |      | 日平均  |       | 月     | 満潮    |      |    |    |      |      |       |       | 干潮    |     |    |    |   |   |  |  |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|------|-------|-------|-------|------|----|----|------|------|-------|-------|-------|-----|----|----|---|---|--|--|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 時刻   | 潮位   | 時刻   | 潮位    |       | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位   | 時刻    | 潮位    | 時刻    | 潮位  | 時刻 | 潮位 |   |   |  |  |
| 1  | 10   | 8  | 6  | 6  | 6  | 8  | 10 | 13 | 16 | 19 | 19 | 19 | 18 | 16 | 15 | 14 | 14 | 14 | 14 | 15 | 16 | 17 | 17 | 16  | 326  | 13.6 | L    | 9:59  | 19    | 21:21 | 17   | *  | *  | *    | *    | 3: 1  | 6     | 15:39 | 14  | *  | *  | * | * |  |  |
| 2  | 14   | 13 | 11 | 10 | 10 | 10 | 11 | 13 | 16 | 19 | 21 | 21 | 20 | 19 | 17 | 14 | 13 | 13 | 12 | 12 | 13 | 15 | 16 | 17  | 350  | 14.6 |      | 10:42 | 21    | 23:21 | 17   | *  | *  | *    | *    | 3:42  | 10    | 18:36 | 12  | *  | *  | * | * |  |  |
| 3  | 17   | 16 | 16 | 14 | 14 | 14 | 14 | 15 | 16 | 19 | 21 | 22 | 22 | 21 | 19 | 16 | 14 | 12 | 11 | 10 | 10 | 12 | 14 | 16  | 375  | 15.6 |      | 11:22 | 23    | *     | *    | *  | *  | 4:24 | 14   | 19:24 | 10    | *     | *   | *  | *  |   |   |  |  |
| 4  | 18   | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 19 | 21 | 23 | 24 | 23 | 22 | 19 | 16 | 13 | 11 | 9  | 9  | 9  | 12 | 15  | 410  | 17.1 |      | 2: 0  | 19    | 12: 3 | 24   | *  | *  | *    | *    | 6:57  | 18    | 20: 3 | 9   | *  | *  | * | * |  |  |
| 5  | 17   | 19 | 21 | 22 | 22 | 21 | 21 | 21 | 20 | 21 | 22 | 24 | 25 | 25 | 24 | 22 | 19 | 15 | 12 | 10 | 8  | 8  | 9  | 12  | 440  | 18.3 |      | 3:28  | 22    | 12:43 | 25   | *  | *  | *    | *    | 8:11  | 20    | 20:38 | 8   | *  | *  | * | * |  |  |
| 6  | 16   | 19 | 22 | 23 | 24 | 24 | 23 | 23 | 22 | 22 | 22 | 24 | 25 | 26 | 26 | 25 | 22 | 18 | 14 | 11 | 8  | 7  | 8  | 10  | 464  | 19.3 |      | 4:29  | 24    | 13:23 | 26   | *  | *  | *    | *    | 9: 3  | 22    | 21:10 | 7   | *  | *  | * | * |  |  |
| 7  | 14   | 18 | 21 | 24 | 25 | 25 | 25 | 24 | 24 | 23 | 23 | 24 | 25 | 27 | 27 | 27 | 24 | 21 | 17 | 13 | 10 | 8  | 7  | 9   | 485  | 20.2 |      | 5: 0  | 25    | 14: 0 | 27   | *  | *  | *    | *    | 9:38  | 23    | 21:41 | 7   | *  | *  | * | * |  |  |
| 8  | 12   | 16 | 20 | 23 | 25 | 26 | 26 | 25 | 24 | 23 | 23 | 24 | 25 | 26 | 28 | 28 | 26 | 24 | 20 | 15 | 11 | 9  | 7  | 8   | 494  | 20.6 |      | 5:16  | 26    | 14:31 | 28   | *  | *  | *    | *    | 9:52  | 23    | 22:12 | 7   | *  | *  | * | * |  |  |
| 9  | 10   | 14 | 19 | 22 | 25 | 26 | 26 | 25 | 24 | 23 | 23 | 24 | 26 | 28 | 28 | 27 | 25 | 22 | 18 | 13 | 10 | 8  | 8  | 497 | 20.7 | N    | 5:30 | 26    | 14:56 | 28    | *    | *  | *  | *    | 9:54 | 23    | 22:44 | 8     | *   | *  | *  | * |   |  |  |
| 10 | 9    | 13 | 17 | 21 | 23 | 25 | 25 | 25 | 23 | 22 | 22 | 23 | 23 | 25 | 27 | 28 | 28 | 26 | 24 | 20 | 16 | 12 | 9  | 8   | 494  | 20.6 |      | 5:51  | 25    | 15:14 | 28   | *  | *  | *    | *    | 9:46  | 22    | 23:17 | 8   | *  | *  | * | * |  |  |
| 11 | 8    | 11 | 15 | 19 | 22 | 24 | 25 | 25 | 23 | 22 | 21 | 22 | 22 | 24 | 26 | 28 | 28 | 27 | 25 | 22 | 18 | 13 | 10 | 9   | 489  | 20.4 |      | 6:20  | 25    | 15:34 | 28   | *  | *  | *    | *    | 9:50  | 21    | 23:50 | 8   | *  | *  | * | * |  |  |
| 12 | 8    | 10 | 13 | 17 | 21 | 23 | 24 | 24 | 23 | 22 | 21 | 21 | 22 | 22 | 24 | 26 | 27 | 27 | 25 | 23 | 19 | 15 | 12 | 10  | 479  | 20.0 |      | 6:54  | 24    | 16: 1 | 27   | *  | *  | *    | *    | 10:14 | 21    | *     | *   | *  | *  | * | * |  |  |
| 13 | 9    | 9  | 11 | 15 | 19 | 22 | 23 | 24 | 24 | 22 | 21 | 20 | 21 | 21 | 22 | 24 | 26 | 26 | 25 | 23 | 21 | 17 | 14 | 11  | 470  | 19.6 |      | 7:31  | 24    | 16:34 | 26   | *  | *  | *    | *    | 0:22  | 9     | 10:53 | 20  | *  | *  | * | * |  |  |
| 14 | 10   | 10 | 11 | 13 | 17 | 21 | 22 | 23 | 24 | 23 | 22 | 20 | 20 | 20 | 21 | 23 | 24 | 24 | 23 | 21 | 19 | 16 | 13 | 460 | 19.2 |      | 8: 7 | 24    | 17:15 | 25    | *    | *  | *  | *    | 0:48 | 10    | 11:50 | 20    | *   | *  | *  | * |   |  |  |
| 15 | 12   | 11 | 11 | 13 | 16 | 19 | 22 | 23 | 24 | 24 | 23 | 21 | 19 | 19 | 19 | 20 | 22 | 22 | 22 | 21 | 20 | 18 | 16 | 456 | 19.0 |      | 8:39 | 24    | 18: 8 | 22    | *    | *  | *  | *    | 1: 4 | 11    | 14:22 | 19    | *   | *  | *  | * |   |  |  |
| 16 | 14   | 13 | 13 | 14 | 15 | 18 | 21 | 23 | 24 | 24 | 24 | 22 | 20 | 18 | 17 | 17 | 17 | 18 | 19 | 20 | 20 | 20 | 19 | 18  | 448  | 18.7 |      | 8:57  | 24    | 19:26 | 20   | *  | *  | *    | *    | 1:25  | 13    | 15:27 | 17  | *  | *  | * | * |  |  |
| 17 | 17   | 15 | 15 | 15 | 16 | 18 | 21 | 23 | 24 | 25 | 25 | 24 | 22 | 19 | 17 | 16 | 15 | 15 | 16 | 17 | 19 | 19 | 20 | 20  | 453  | 18.9 | U    | 8:56  | 25    | 22:56 | 20   | *  | *  | *    | *    | 1:58  | 15    | 16:34 | 15  | *  | *  | * | * |  |  |
| 18 | 19   | 18 | 17 | 17 | 18 | 19 | 20 | 22 | 24 | 25 | 25 | 24 | 23 | 21 | 18 | 15 | 14 | 13 | 13 | 14 | 16 | 17 | 19 | 20  | 451  | 18.8 |      | 9:18  | 25    | *     | *    | *  | *  | 2:37 | 17   | 17:46 | 13    | *     | *   | *  | *  |   |   |  |  |
| 19 | 21   | 21 | 20 | 20 | 20 | 20 | 21 | 22 | 24 | 25 | 26 | 25 | 24 | 23 | 20 | 17 | 14 | 12 | 11 | 10 | 12 | 14 | 17 | 19  | 458  | 19.1 |      | 0:43  | 21    | 9:56  | 26   | *  | *  | *    | *    | 3:24  | 20    | 18:48 | 10  | *  | *  | * | * |  |  |
| 20 | 21   | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 23 | 24 | 26 | 26 | 26 | 25 | 23 | 19 | 16 | 13 | 10 | 9  | 8  | 10 | 13 | 16  | 464  | 19.3 |      | 1:51  | 23    | 10:51 | 26   | *  | *  | *    | *    | 4:26  | 22    | 19:42 | 8   | *  | *  | * | * |  |  |
| 21 | 19   | 22 | 24 | 25 | 24 | 23 | 23 | 23 | 23 | 23 | 25 | 26 | 27 | 26 | 25 | 23 | 19 | 15 | 11 | 8  | 7  | 6  | 9  | 12  | 468  | 19.5 |      | 2:46  | 25    | 12:15 | 27   | *  | *  | *    | *    | 7:45  | 23    | 20:33 | 6   | *  | *  | * | * |  |  |
| 22 | 16   | 20 | 24 | 26 | 26 | 25 | 24 | 23 | 22 | 22 | 23 | 25 | 27 | 28 | 28 | 26 | 23 | 19 | 14 | 10 | 7  | 5  | 5  | 8   | 476  | 19.8 |      | 3:35  | 26    | 13:28 | 28   | *  | *  | *    | *    | 8:33  | 22    | 21:22 | 5   | *  | *  | * | * |  |  |
| 23 | 12   | 17 | 22 | 25 | 26 | 26 | 25 | 23 | 22 | 22 | 22 | 23 | 26 | 28 | 29 | 29 | 27 | 23 | 18 | 13 | 8  | 5  | 4  | 4   | 479  | 20.0 | F    | 4:20  | 26    | 14:21 | 29   | *  | *  | *    | *    | 9: 5  | 22    | 22:10 | 4   | *  | *  | * | * |  |  |
| 24 | 8    | 13 | 18 | 22 | 25 | 26 | 26 | 24 | 22 | 21 | 21 | 22 | 24 | 26 | 29 | 30 | 29 | 27 | 23 | 17 | 12 | 7  | 4  | 3   | 479  | 20.0 |      | 5: 4  | 26    | 15: 6 | # 30 | *  | *  | *    | *    | 9:29  | 21    | 22:57 | # 3 | *  | *  | * | * |  |  |
| 25 | 5    | 8  | 14 | 19 | 23 | 25 | 26 | 25 | 22 | 21 | 20 | 21 | 22 | 24 | 27 | 30 | 30 | 29 | 26 | 22 | 16 | 10 | 6  | 4   | 475  | 19.8 |      | 5:47  | 26    | 15:48 | # 30 | *  | *  | *    | *    | 9:59  | 20    | 23:42 | 4   | *  | *  | * | * |  |  |
| 26 | 4    | 6  | 10 | 15 | 20 | 24 | 25 | 25 | 24 | 21 | 20 | 20 | 20 | 22 | 25 | 28 | 29 | 29 | 28 | 25 | 20 | 15 | 10 | 7   | 472  | 19.7 |      | 6:29  | 26    | 16:33 | # 30 | *  | *  | *    | *    | 10:40 | 20    | *     | *   | *  | *  | * | * |  |  |
| 27 | 5    | 6  | 8  | 13 | 17 | 21 | 24 | 26 | 25 | 23 | 21 | 20 | 20 | 20 | 22 | 24 | 27 | 28 | 28 | 26 | 23 | 19 | 15 | 11  | 472  | 19.7 |      | 7:10  | 26    | 17:26 | 28   | *  | *  | *    | *    | 0:25  | 5     | 11:43 | 20  | *  | *  | * | * |  |  |
| 28 | 9    | 8  | 9  | 12 | 16 | 20 | 23 | 25 | 26 | 25 | 23 | 21 | 20 | 19 | 20 | 21 | 23 | 25 | 26 | 26 | 25 | 22 | 19 | 15  | 478  | 19.9 |      | 7:49  | 26    | 18:42 | 26   | *  | *  | *    | *    | 1: 4  | 8     | 13: 3 | 19  | *  | *  | * | * |  |  |
| 29 | 13   | 11 | 11 | 13 | 15 | 19 | 22 | 25 | 27 | 27 | 25 | 23 | 21 | 19 | 19 | 19 | 20 | 21 | 22 | 24 | 24 | 23 | 21 | 19  | 483  | 20.1 |      | 8:27  | 27    | 20: 3 | 24   | *  | *  | *    | *    | 1:41  | 11    | 14:12 | 19  | *  | *  | * | * |  |  |
| 30 | 17   | 16 | 15 | 15 | 17 | 19 | 22 | 24 | 27 | 28 | 27 | 25 | 23 | 21 | 19 | 18 | 18 | 19 | 19 | 20 | 22 | 23 | 23 | 22  | 499  | 20.8 | L    | 9: 4  | 28    | 21:20 | 23   | *  | *  | *    | *    | 2:13  | 15    | 15:18 | 18  | *  | *  | * | * |  |  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |    |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|-------------|----|----|-------------|----|----|
|          |              |               | 起時          | 潮位 | 回数 | 起時          | 潮位 | 回数 |
| 720      | 13744        | 19.1          | 26日 16時 33分 | 30 | 3  | 24日 22時 57分 | 3  | 1  |

推算潮位 (毎時・満干潮)

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(cm)

2013 年 7 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 日合計 |      | 日平均  |      | 月     | 満潮    |       |      |    |    |    |      |       | 干潮    |       |       |      |   |   |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------|------|------|-------|-------|-------|------|----|----|----|------|-------|-------|-------|-------|------|---|---|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23  | 時刻   | 潮位   | 時刻   |       | 潮位    | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位   | 時刻    | 潮位    | 時刻    | 潮位    |      |   |   |   |   |
| 1  | 21   | 20 | 19 | 19 | 20 | 21 | 23 | 25 | 27 | 29 | 29 | 28 | 26 | 23 | 21 | 18 | 17 | 17 | 18 | 19 | 21 | 23 | 23 | 524 | 21.8 |      | 9:40 | 29    | *     | *     | *    | *  | *  | *  | 2:42 | 19    | 16:45 | 17    | *     | *    | * | * |   |   |
| 2  | 23   | 23 | 23 | 23 | 23 | 24 | 25 | 26 | 27 | 29 | 30 | 30 | 28 | 26 | 23 | 20 | 18 | 17 | 16 | 16 | 17 | 19 | 21 | 23  | 550  | 22.9 |      | 10:19 | 30    | *     | *    | *  | *  | *  | *    | 18:45 | 16    | *     | *     | *    | * | * | * |   |
| 3  | 25   | 25 | 26 | 26 | 26 | 27 | 28 | 28 | 28 | 29 | 31 | 31 | 31 | 29 | 27 | 24 | 21 | 18 | 17 | 16 | 16 | 17 | 19 | 22  | 587  | 24.5 |      | 11: 4 | 31    | *     | *    | *  | *  | *  | *    | 19:35 | 16    | *     | *     | *    | * | * | * |   |
| 4  | 25   | 26 | 28 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 32 | 32 | 31 | 30 | 27 | 24 | 21 | 18 | 16 | 16 | 16 | 17 | 20  | 616  | 25.7 |      | 11:57 | 32    | *     | *    | *  | *  | *  | *    | 20:18 | 15    | *     | *     | *    | * | * | * |   |
| 5  | 24   | 26 | 28 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 32 | 33 | 32 | 30 | 27 | 24 | 21 | 18 | 16 | 15 | 16 | 19  | 638  | 26.6 |      | 5:43  | 31    | 12:53 | 33   | *  | *  | *  | *    | *     | 9:12  | 30    | 20:56 | 15   | * | * | * | * |
| 6  | 22   | 26 | 28 | 30 | 31 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 32 | 33 | 34 | 32 | 30 | 27 | 23 | 20 | 17 | 16 | 16 | 17  | 653  | 27.2 |      | 5:30  | 32    | 13:41 | 34   | *  | *  | *  | *    | *     | 9:35  | 31    | 21:31 | 15   | * | * | * | * |
| 7  | 20   | 24 | 28 | 30 | 31 | 32 | 32 | 31 | 31 | 30 | 30 | 31 | 32 | 33 | 34 | 34 | 32 | 30 | 26 | 22 | 19 | 16 | 15 | 16  | 659  | 27.5 |      | 5:25  | 32    | 14:20 | 34   | *  | *  | *  | *    | *     | 9:31  | 30    | 22: 2 | 15   | * | * | * | * |
| 8  | 18   | 22 | 26 | 29 | 31 | 32 | 32 | 31 | 30 | 30 | 30 | 30 | 31 | 33 | 34 | 35 | 34 | 32 | 28 | 24 | 20 | 17 | 15 | 15  | 659  | 27.5 | N    | 5:20  | 32    | 14:49 | 35   | *  | *  | *  | *    | *     | 9:36  | 30    | 22:32 | 15   | * | * | * | * |
| 9  | 17   | 20 | 25 | 28 | 31 | 32 | 32 | 31 | 29 | 29 | 29 | 29 | 30 | 32 | 34 | 35 | 34 | 33 | 30 | 26 | 21 | 18 | 16 | 15  | 656  | 27.3 |      | 5:31  | 32    | 15:10 | 35   | *  | *  | *  | *    | *     | 9:47  | 29    | 23: 1 | 15   | * | * | * | * |
| 10 | 16   | 19 | 23 | 27 | 30 | 31 | 32 | 31 | 29 | 28 | 27 | 28 | 28 | 30 | 32 | 34 | 34 | 33 | 31 | 27 | 23 | 19 | 16 | 15  | 643  | 26.8 |      | 5:52  | 32    | 15:31 | 34   | *  | *  | *  | *    | *     | 10: 0 | 27    | 23:27 | 15   | * | * | * | * |
| 11 | 15   | 17 | 21 | 26 | 29 | 30 | 31 | 31 | 29 | 27 | 26 | 26 | 26 | 27 | 30 | 32 | 33 | 32 | 31 | 28 | 25 | 20 | 17 | 16  | 625  | 26.0 |      | 6:18  | 31    | 16: 0 | 33   | *  | *  | *  | *    | *     | 10:27 | 26    | 23:47 | 15   | * | * | * | * |
| 12 | 15   | 16 | 19 | 24 | 28 | 30 | 31 | 31 | 30 | 27 | 25 | 25 | 25 | 27 | 29 | 31 | 32 | 30 | 29 | 26 | 22 | 19 | 17 | 613 | 25.5 |      | 6:42 | 31    | 16:36 | 32    | *    | *  | *  | *  | *    | 11:10 | 25    | 23:56 | 16    | *    | * | * | * |   |
| 13 | 16   | 17 | 18 | 22 | 26 | 29 | 30 | 31 | 30 | 28 | 25 | 24 | 23 | 23 | 24 | 25 | 28 | 30 | 29 | 28 | 27 | 24 | 21 | 19  | 597  | 24.9 |      | 6:55  | 31    | 17:23 | 30   | *  | *  | *  | *    | *     | 12:22 | 23    | *     | *    | * | * | * | * |
| 14 | 18   | 18 | 19 | 21 | 25 | 29 | 30 | 31 | 30 | 29 | 26 | 24 | 22 | 21 | 21 | 22 | 24 | 26 | 28 | 28 | 27 | 26 | 24 | 21  | 590  | 24.6 |      | 6:51  | 31    | 18:24 | 28   | *  | *  | *  | *    | *     | 0:11  | 18    | 13:43 | 21   | * | * | * | * |
| 15 | 20   | 20 | 20 | 22 | 24 | 27 | 30 | 31 | 31 | 30 | 28 | 25 | 22 | 20 | 19 | 19 | 20 | 22 | 24 | 26 | 26 | 26 | 25 | 24  | 581  | 24.2 |      | 7:11  | 31    | 19:58 | 26   | *  | *  | *  | *    | *     | 0:39  | 19    | 14:38 | 19   | * | * | * | * |
| 16 | 22   | 22 | 22 | 23 | 24 | 27 | 29 | 31 | 31 | 30 | 29 | 27 | 24 | 21 | 19 | 18 | 18 | 19 | 21 | 23 | 25 | 25 | 26 | 26  | 582  | 24.3 | U    | 7:44  | 31    | 22:24 | 26   | *  | *  | *  | *    | *     | 1:16  | 22    | 15:35 | 18   | * | * | * | * |
| 17 | 25   | 24 | 24 | 24 | 25 | 27 | 28 | 30 | 31 | 31 | 30 | 28 | 26 | 23 | 20 | 18 | 17 | 17 | 17 | 19 | 21 | 24 | 25 | 26  | 580  | 24.2 |      | 8:23  | 32    | *     | *    | *  | *  | *  | *    | 1:59  | 24    | 16:53 | 17    | *    | * | * | * |   |
| 18 | 27   | 27 | 26 | 26 | 26 | 27 | 28 | 29 | 31 | 32 | 31 | 30 | 28 | 26 | 23 | 20 | 18 | 16 | 16 | 16 | 18 | 20 | 23 | 25  | 589  | 24.5 |      | 0:27  | 27    | 9:10  | 32   | *  | *  | *  | *    | *     | 2:44  | 26    | 18:22 | 16   | * | * | * | * |
| 19 | 26   | 28 | 28 | 28 | 27 | 28 | 29 | 29 | 30 | 31 | 32 | 32 | 31 | 29 | 27 | 23 | 20 | 18 | 16 | 14 | 14 | 16 | 19 | 22  | 597  | 24.9 |      | 10: 9 | 32    | *     | *    | *  | *  | *  | *    | 19:32 | 14    | *     | *     | *    | * | * | * |   |
| 20 | 25   | 27 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 30 | 31 | 32 | 32 | 32 | 31 | 28 | 24 | 20 | 17 | 15 | 13 | 13 | 15 | 18  | 606  | 25.3 |      | 2:41  | 29    | 11:39 | 32   | *  | *  | *  | *    | *     | 7:10  | 29    | 20:30 | 12   | * | * | * | * |
| 21 | 22   | 26 | 28 | 30 | 30 | 29 | 29 | 29 | 28 | 29 | 30 | 32 | 33 | 34 | 34 | 32 | 29 | 25 | 20 | 16 | 13 | 11 | 12 | 14  | 615  | 25.6 |      | 3:32  | 30    | 13:20 | 34   | *  | *  | *  | *    | *     | 8:11  | 28    | 21:22 | 11   | * | * | * | * |
| 22 | 18   | 23 | 27 | 30 | 31 | 31 | 29 | 28 | 28 | 27 | 28 | 30 | 32 | 34 | 35 | 35 | 33 | 30 | 25 | 20 | 15 | 12 | 10 | 11  | 622  | 25.9 |      | 4:15  | 31    | 14:20 | 36   | *  | *  | *  | *    | *     | 8:49  | 27    | 22: 9 | # 10 | * | * | * | * |
| 23 | 14   | 19 | 24 | 28 | 31 | 31 | 31 | 29 | 27 | 26 | 26 | 28 | 30 | 33 | 35 | 36 | 36 | 33 | 29 | 24 | 18 | 14 | 11 | 10  | 623  | 26.0 | F    | 4:53  | 31    | 15: 7 | # 37 | *  | *  | *  | *    | *     | 9:25  | 26    | 22:50 | # 10 | * | * | * | * |
| 24 | 12   | 16 | 22 | 26 | 30 | 32 | 32 | 30 | 28 | 26 | 25 | 26 | 27 | 30 | 33 | 36 | 36 | 35 | 32 | 28 | 22 | 17 | 13 | 12  | 626  | 26.1 |      | 5:27  | 32    | 15:52 | 36   | *  | *  | *  | *    | *     | 10: 6 | 25    | 23:27 | 11   | * | * | * | * |
| 25 | 12   | 14 | 19 | 24 | 29 | 31 | 32 | 31 | 29 | 26 | 24 | 24 | 25 | 27 | 30 | 33 | 35 | 35 | 34 | 31 | 26 | 21 | 17 | 14  | 623  | 26.0 |      | 6: 0  | 32    | 16:41 | 35   | *  | *  | *  | *    | *     | 10:56 | 24    | *     | *    | * | * | * | * |
| 26 | 13   | 15 | 18 | 23 | 27 | 31 | 33 | 33 | 31 | 28 | 25 | 23 | 23 | 24 | 26 | 29 | 32 | 33 | 33 | 32 | 29 | 25 | 21 | 18  | 625  | 26.0 |      | 6:32  | 33    | 17:41 | 33   | *  | *  | *  | *    | *     | 0: 1  | 13    | 11:55 | 23   | * | * | * | * |
| 27 | 17   | 17 | 19 | 22 | 26 | 30 | 32 | 34 | 33 | 30 | 26 | 24 | 22 | 22 | 23 | 25 | 28 | 30 | 31 | 31 | 30 | 28 | 25 | 22  | 627  | 26.1 |      | 7: 5  | 34    | 18:53 | 31   | *  | *  | *  | *    | *     | 0:32  | 17    | 12:54 | 22   | * | * | * | * |
| 28 | 21   | 20 | 21 | 23 | 27 | 29 | 32 | 34 | 34 | 32 | 29 | 26 | 23 | 22 | 21 | 22 | 24 | 26 | 28 | 29 | 30 | 29 | 27 | 26  | 635  | 26.5 |      | 7:39  | 34    | 20: 2 | 30   | *  | *  | *  | *    | *     | 1: 1  | 20    | 13:49 | 21   | * | * | * | * |
| 29 | 24   | 24 | 24 | 25 | 28 | 30 | 32 | 34 | 35 | 34 | 32 | 29 | 26 | 23 | 21 | 21 | 22 | 24 | 25 | 26 | 28 | 29 | 29 | 28  | 653  | 27.2 |      | 8:14  | 35    | 21:11 | 29   | *  | *  | *  | *    | *     | 1:28  | 24    | 14:42 | 21   | * | * | * | * |
| 30 | 27   | 27 | 27 | 28 | 29 | 31 | 32 | 33 | 35 | 35 | 34 | 31 | 29 | 26 | 23 | 22 | 21 | 22 | 23 | 24 | 26 | 28 | 29 | 29  | 671  | 28.0 | L    | 8:52  | 35    | *     | *    | *  | *  | *  | *    | 1:50  | 27    | 15:38 | 21    | *    | * | * | * |   |
| 31 | 29   | 30 | 30 | 30 | 31 | 32 | 33 | 34 | 34 | 35 | 35 | 34 | 32 | 29 | 26 | 24 | 22 | 22 | 22 | 23 | 24 | 26 | 28 | 30  | 695  | 29.0 |      | 9:33  | 36    | *     | *    | *  | *  | *  | *    | 16:48 | 22    | *     | *     | *    | * | * | * |   |

| 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      | 19160        | 25.8          | 23 日 15 時 7 分 | 37 | 1  | 23 日 22 時 50 分 | 10 | 2  |





## 推算潮位 (毎時・満干潮)

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(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  | 34   | 35 | 35 | 36 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 38 | 38 | 37 | 35 | 33 | 30 | 28 | 27 | 26 | 27 | 28 | 30 | 813 | 33.9 |   | 12:20 | 38 | *     | *    | *  | *  | *  | *  | *     | 20: 4 | 26    | *     | *     | *  | *  | *  | * |   |
| 2  | 33   | 35 | 36 | 37 | 37 | 37 | 37 | 36 | 36 | 36 | 36 | 37 | 38 | 39 | 38 | 37 | 35 | 33 | 30 | 28 | 26 | 26 | 27 | 29 | 819 | 34.1 |   | 4:50  | 37 | 13:19 | 39   | *  | *  | *  | *  | *     | *     | 8:30  | 36    | 20:38 | 26 | *  | *  | * | * |
| 3  | 31   | 34 | 37 | 37 | 37 | 37 | 36 | 36 | 35 | 35 | 35 | 36 | 37 | 39 | 39 | 39 | 37 | 34 | 31 | 29 | 26 | 25 | 26 | 28 | 816 | 34.0 |   | 3:25  | 37 | 14: 6 | 39   | *  | *  | *  | *  | *     | *     | 8:42  | 35    | 21: 7 | 25 | *  | *  | * | * |
| 4  | 30   | 34 | 37 | 38 | 38 | 37 | 36 | 35 | 33 | 32 | 33 | 34 | 35 | 38 | 39 | 40 | 38 | 36 | 33 | 30 | 27 | 25 | 25 | 26 | 809 | 33.7 |   | 3:30  | 38 | 14:45 | # 40 | *  | *  | *  | *  | *     | *     | 9:12  | 32    | 21:36 | 25 | *  | *  | * | * |
| 5  | 29   | 33 | 36 | 38 | 39 | 38 | 36 | 33 | 31 | 30 | 30 | 31 | 33 | 36 | 38 | 39 | 39 | 37 | 34 | 31 | 28 | 25 | 25 | 25 | 794 | 33.1 | N | 3:47  | 39 | 15:22 | # 40 | *  | *  | *  | *  | *     | *     | 9:41  | 30    | 22: 2 | 25 | *  | *  | * | * |
| 6  | 28   | 31 | 35 | 38 | 39 | 38 | 36 | 33 | 30 | 28 | 27 | 27 | 29 | 32 | 36 | 38 | 39 | 38 | 36 | 33 | 29 | 26 | 25 | 25 | 776 | 32.3 |   | 4: 2  | 39 | 15:57 | 39   | *  | *  | *  | *  | *     | *     | 10: 9 | 27    | 22:24 | 25 | *  | *  | * | * |
| 7  | 27   | 30 | 34 | 37 | 38 | 38 | 36 | 33 | 29 | 25 | 24 | 24 | 25 | 28 | 32 | 36 | 38 | 38 | 37 | 34 | 31 | 27 | 26 | 25 | 752 | 31.3 |   | 4:10  | 38 | 16:34 | 38   | *  | *  | *  | *  | *     | *     | 10:34 | 24    | 22:39 | 25 | *  | *  | * | * |
| 8  | 26   | 29 | 32 | 36 | 38 | 38 | 36 | 33 | 29 | 25 | 22 | 21 | 22 | 24 | 28 | 32 | 36 | 37 | 37 | 35 | 32 | 29 | 27 | 26 | 730 | 30.4 |   | 4:19  | 38 | 17:17 | 37   | *  | *  | *  | *  | *     | *     | 11: 0 | 21    | 22:54 | 26 | *  | *  | * | * |
| 9  | 27   | 28 | 31 | 34 | 37 | 37 | 36 | 33 | 30 | 25 | 21 | 20 | 19 | 20 | 23 | 27 | 32 | 35 | 36 | 35 | 34 | 31 | 28 | 27 | 706 | 29.4 |   | 4:38  | 37 | 18: 9 | 36   | *  | *  | *  | *  | *     | *     | 11:32 | 19    | 23:17 | 27 | *  | *  | * | * |
| 10 | 27   | 28 | 30 | 32 | 35 | 37 | 36 | 34 | 31 | 27 | 22 | 19 | 18 | 19 | 20 | 23 | 27 | 31 | 33 | 34 | 34 | 32 | 30 | 28 | 687 | 28.6 |   | 5: 6  | 37 | 19:11 | 34   | *  | *  | *  | *  | *     | *     | 12:16 | # 18  | 23:49 | 28 | *  | *  | * | * |
| 11 | 28   | 28 | 29 | 31 | 34 | 36 | 36 | 35 | 32 | 29 | 25 | 22 | 19 | 18 | 19 | 20 | 23 | 26 | 30 | 31 | 32 | 32 | 31 | 29 | 675 | 28.1 |   | 5:41  | 36 | 20:18 | 32   | *  | *  | *  | *  | *     | *     | 13:13 | # 18  | *     | *  | *  | *  | * | * |
| 12 | 28   | 28 | 29 | 31 | 32 | 34 | 35 | 35 | 34 | 31 | 28 | 25 | 22 | 20 | 19 | 19 | 20 | 22 | 25 | 28 | 30 | 31 | 31 | 30 | 667 | 27.8 |   | 6:25  | 35 | 21:36 | 31   | *  | *  | *  | *  | *     | *     | 0:25  | 28    | 14:24 | 19 | *  | *  | * | * |
| 13 | 29   | 29 | 29 | 30 | 32 | 33 | 34 | 35 | 35 | 33 | 31 | 29 | 26 | 23 | 21 | 20 | 20 | 20 | 22 | 24 | 26 | 28 | 29 | 30 | 668 | 27.8 | U | 7:22  | 35 | *     | *    | *  | *  | *  | *  | 1: 6  | 29    | 15:55 | 20    | *     | *  | *  | *  |   |   |
| 14 | 30   | 30 | 30 | 30 | 31 | 32 | 33 | 34 | 35 | 35 | 34 | 32 | 30 | 28 | 25 | 23 | 21 | 20 | 20 | 21 | 23 | 25 | 27 | 29 | 678 | 28.3 |   | 8:32  | 35 | *     | *    | *  | *  | *  | *  | 18: 1 | 20    | *     | *     | *     | *  | *  | *  |   |   |
| 15 | 30   | 31 | 31 | 31 | 31 | 32 | 32 | 33 | 34 | 35 | 35 | 34 | 33 | 32 | 30 | 27 | 24 | 22 | 20 | 19 | 20 | 22 | 25 | 27 | 690 | 28.8 |   | 9:50  | 35 | *     | *    | *  | *  | *  | *  | 19:16 | 19    | *     | *     | *     | *  | *  | *  |   |   |
| 16 | 30   | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 34 | 35 | 35 | 35 | 34 | 31 | 28 | 25 | 23 | 20 | 19 | 20 | 22 | 26 | 705 | 29.4 |   | 2:13  | 32 | 11:54 | 35   | *  | *  | *  | *  | *     | 7:18  | 32    | 20:11 | 19    | *  | *  | *  | * |   |
| 17 | 29   | 31 | 33 | 34 | 33 | 32 | 31 | 31 | 30 | 30 | 32 | 34 | 36 | 37 | 37 | 35 | 33 | 29 | 26 | 23 | 20 | 19 | 21 | 24 | 720 | 30.0 |   | 2:47  | 34 | 13:38 | 37   | *  | *  | *  | *  | *     | 8:13  | 30    | 20:57 | 19    | *  | *  | *  | * |   |
| 18 | 28   | 31 | 34 | 35 | 35 | 33 | 31 | 30 | 28 | 28 | 29 | 31 | 34 | 36 | 38 | 38 | 36 | 33 | 30 | 26 | 23 | 21 | 21 | 23 | 732 | 30.5 |   | 3:15  | 35 | 14:39 | 38   | *  | *  | *  | *  | *     | 8:57  | 28    | 21:36 | 20    | *  | *  | *  | * |   |
| 19 | 26   | 31 | 34 | 36 | 36 | 35 | 32 | 29 | 27 | 25 | 25 | 27 | 30 | 34 | 37 | 38 | 38 | 37 | 33 | 30 | 26 | 23 | 22 | 23 | 734 | 30.6 | F | 3:39  | 37 | 15:32 | 38   | *  | *  | *  | *  | *     | 9:36  | 25    | 22:10 | 22    | *  | *  | *  | * |   |
| 20 | 26   | 30 | 34 | 37 | 38 | 37 | 34 | 30 | 26 | 24 | 23 | 23 | 26 | 30 | 34 | 37 | 38 | 38 | 36 | 33 | 29 | 26 | 25 | 25 | 739 | 30.8 |   | 3:59  | 38 | 16:23 | 39   | *  | *  | *  | *  | *     | 10:11 | 23    | 22:38 | 24    | *  | *  | *  | * |   |
| 21 | 26   | 30 | 34 | 37 | 39 | 38 | 36 | 32 | 27 | 23 | 21 | 21 | 22 | 26 | 30 | 34 | 37 | 38 | 38 | 35 | 32 | 29 | 27 | 27 | 739 | 30.8 |   | 4:20  | 39 | 17:12 | 38   | *  | *  | *  | *  | *     | 10:46 | 21    | 23: 2 | 27    | *  | *  | *  | * |   |
| 22 | 27   | 30 | 33 | 37 | 39 | 39 | 37 | 34 | 29 | 24 | 21 | 20 | 20 | 22 | 26 | 31 | 34 | 36 | 37 | 36 | 34 | 31 | 29 | 29 | 735 | 30.6 |   | 4:40  | 39 | 18: 2 | 37   | *  | *  | *  | *  | *     | 11:22 | 20    | 23:22 | 29    | *  | *  | *  | * |   |
| 23 | 29   | 30 | 33 | 36 | 38 | 39 | 38 | 36 | 31 | 26 | 23 | 20 | 19 | 20 | 23 | 28 | 31 | 34 | 36 | 36 | 35 | 33 | 31 | 30 | 735 | 30.6 |   | 5: 0  | 39 | 18:50 | 36   | *  | *  | *  | *  | *     | 12: 1 | 19    | 23:36 | 30    | *  | *  | *  | * |   |
| 24 | 30   | 31 | 33 | 36 | 38 | 38 | 38 | 37 | 34 | 29 | 25 | 22 | 20 | 20 | 22 | 25 | 29 | 31 | 33 | 35 | 35 | 34 | 32 | 31 | 738 | 30.8 |   | 5: 9  | 38 | 19:39 | 35   | *  | *  | *  | *  | *     | 12:44 | 20    | 23:21 | 31    | *  | *  | *  | * |   |
| 25 | 31   | 32 | 33 | 35 | 37 | 38 | 37 | 37 | 35 | 32 | 28 | 25 | 23 | 22 | 22 | 24 | 27 | 29 | 31 | 32 | 34 | 34 | 33 | 32 | 743 | 31.0 |   | 5: 1  | 38 | 20:29 | 34   | *  | *  | *  | *  | *     | 13:31 | 21    | 23:19 | 32    | *  | *  | *  | * |   |
| 26 | 32   | 32 | 33 | 34 | 36 | 37 | 37 | 36 | 36 | 34 | 31 | 28 | 26 | 24 | 23 | 23 | 25 | 28 | 29 | 30 | 32 | 33 | 33 | 32 | 744 | 31.0 |   | 5:11  | 37 | 21:24 | 33   | *  | *  | *  | *  | *     | 14:21 | 23    | 23:35 | 32    | *  | *  | *  | * |   |
| 27 | 32   | 33 | 33 | 34 | 35 | 37 | 37 | 36 | 36 | 35 | 34 | 31 | 29 | 27 | 26 | 25 | 25 | 27 | 28 | 29 | 30 | 32 | 33 | 33 | 757 | 31.5 | L | 5:34  | 37 | *     | *    | *  | *  | *  | *  | 15:16 | 25    | *     | *     | *     | *  | *  | *  |   |   |
| 28 | 33   | 33 | 34 | 34 | 35 | 36 | 36 | 36 | 35 | 35 | 35 | 34 | 32 | 30 | 28 | 27 | 26 | 26 | 27 | 28 | 29 | 30 | 32 | 33 | 764 | 31.8 |   | 6: 4  | 36 | *     | *    | *  | *  | *  | *  | 16:18 | 26    | *     | *     | *     | *  | *  | *  |   |   |
| 29 | 33   | 33 | 34 | 34 | 34 | 35 | 36 | 36 | 35 | 35 | 35 | 35 | 34 | 32 | 31 | 29 | 28 | 27 | 27 | 27 | 28 | 29 | 31 | 33 | 771 | 32.1 |   | 6:39  | 36 | *     | *    | *  | *  | *  | *  | 17:35 | 27    | *     | *     | *     | *  | *  | *  |   |   |
| 30 | 34   | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 34 | 35 | 35 | 34 | 33 | 31 | 30 | 28 | 27 | 27 | 27 | 28 | 30 | 32 | 772 | 32.2 |   | 11:56 | 35 | *     | *    | *  | *  | *  | *  | 18:47 | 27    | *     | *     | *     | *  | *  | *  |   |   |

| N   | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位    |    |    | 推算月最低潮位     |    |    |
|-----|--------------|---------------|------------|----|----|-------------|----|----|
|     |              |               | 起時         | 潮位 | 回数 | 起時          | 潮位 | 回数 |
| 720 | 22208        | 30.8          | 5日 15時 22分 | 40 | 2  | 11日 13時 13分 | 18 | 2  |

推算潮位 (毎時・満干潮)

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(cm)

2013年10月

Main data table with columns for date, hourly tide levels (0-23), monthly totals, and tidal events (満潮, 干潮) with their respective times and heights.

Summary table with 4 columns: N (総回数), Sum (推算月合計), Mean (推算月平均), and two sections for推算月最高潮位 and 推算月最低潮位, each with sub-columns for start time, height, and count.

## 推算潮位（毎時・満干潮）

地点名：寿都

緯度：42 °48 N

経度：140 °14 E

潮位表基準面の零点：平均海面下 17.0(cm)

2013年11月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 日合計 |    | 日平均 |      | 月 | 満潮    |      |       |      |    |    |      |    | 干潮    |     |       |    |   |   |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|-----|------|---|-------|------|-------|------|----|----|------|----|-------|-----|-------|----|---|---|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22  | 23 | 時刻  | 潮位   |   | 時刻    | 潮位   | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位 |   |   |   |   |
| 1  | 31   | 32 | 32 | 30 | 27 | 24 | 22 | 20 | 19 | 19 | 21 | 23 | 26 | 29 | 30 | 31 | 30 | 28 | 27 | 26 | 25 | 25 | 26  | 28 | 631 | 26.3 |   | 1:29  | # 32 | 14:42 | 31   | *  | *  | *    | *  | 8:15  | 19  | 20:18 | 25 | * | * | * | * |
| 2  | 30   | 32 | 32 | 31 | 28 | 25 | 21 | 18 | 16 | 15 | 16 | 19 | 23 | 27 | 30 | 32 | 32 | 30 | 28 | 26 | 25 | 24 | 25  | 27 | 612 | 25.5 |   | 1:53  | # 32 | 15:27 | # 32 | *  | *  | *    | *  | 8:49  | 15  | 20:59 | 24 | * | * | * | * |
| 3  | 29   | 31 | 32 | 32 | 29 | 25 | 21 | 17 | 14 | 12 | 12 | 15 | 19 | 23 | 28 | 31 | 32 | 32 | 30 | 27 | 25 | 24 | 24  | 25 | 589 | 24.5 | N | 2:14  | # 32 | 16:10 | # 32 | *  | *  | *    | *  | 9:22  | 12  | 21:33 | 24 | * | * | * | * |
| 4  | 27   | 30 | 31 | 32 | 30 | 27 | 22 | 17 | 13 | 10 | 9  | 11 | 14 | 19 | 24 | 29 | 31 | 32 | 31 | 28 | 26 | 24 | 23  | 24 | 564 | 23.5 |   | 2:39  | # 32 | 16:51 | # 32 | *  | *  | *    | *  | 9:55  | 9   | 21:56 | 23 | * | * | * | * |
| 5  | 25   | 28 | 30 | 32 | 31 | 28 | 24 | 19 | 14 | 10 | 8  | 8  | 10 | 14 | 19 | 25 | 28 | 30 | 30 | 29 | 26 | 24 | 23  | 23 | 538 | 22.4 |   | 3: 8  | # 32 | 17:34 | 30   | *  | *  | *    | *  | 10:32 | 8   | 22:14 | 23 | * | * | * | * |
| 6  | 24   | 25 | 28 | 31 | 31 | 29 | 26 | 22 | 17 | 12 | 8  | 7  | 8  | 10 | 14 | 19 | 24 | 27 | 28 | 28 | 26 | 24 | 22  | 22 | 512 | 21.3 |   | 3:42  | 31   | 18:22 | 28   | *  | *  | *    | *  | 11:15 | # 7 | 22:37 | 22 | * | * | * | * |
| 7  | 23   | 24 | 26 | 29 | 30 | 30 | 28 | 25 | 20 | 15 | 11 | 8  | 7  | 8  | 10 | 14 | 19 | 23 | 25 | 26 | 26 | 24 | 22  | 21 | 494 | 20.6 |   | 4:19  | 30   | 19:15 | 26   | *  | *  | *    | *  | 12:10 | # 7 | 23: 8 | 21 | * | * | * | * |
| 8  | 22   | 23 | 24 | 26 | 28 | 29 | 28 | 26 | 23 | 19 | 15 | 11 | 9  | 8  | 8  | 11 | 14 | 18 | 21 | 24 | 25 | 24 | 23  | 22 | 481 | 20.0 |   | 5: 1  | 29   | 20:13 | 25   | *  | *  | *    | *  | 13:13 | 8   | 23:49 | 21 | * | * | * | * |
| 9  | 21   | 22 | 23 | 24 | 26 | 27 | 28 | 27 | 25 | 22 | 19 | 15 | 12 | 10 | 9  | 10 | 11 | 14 | 18 | 21 | 23 | 24 | 24  | 23 | 478 | 19.9 |   | 5:52  | 28   | 21:14 | 24   | *  | *  | *    | *  | 14:14 | 9   | *     | *  | * | * | * | * |
| 10 | 22   | 22 | 22 | 23 | 24 | 25 | 26 | 26 | 26 | 24 | 22 | 19 | 16 | 14 | 12 | 11 | 11 | 13 | 15 | 18 | 21 | 23 | 24  | 24 | 483 | 20.1 | U | 7: 6  | 26   | 22:23 | 24   | *  | *  | *    | *  | 1: 2  | 22  | 15:14 | 11 | * | * | * | * |
| 11 | 23   | 22 | 22 | 22 | 22 | 23 | 23 | 24 | 25 | 25 | 24 | 22 | 20 | 18 | 16 | 14 | 13 | 13 | 14 | 16 | 19 | 22 | 24  | 25 | 491 | 20.5 |   | 8:34  | 25   | 23:29 | 25   | *  | *  | *    | *  | 2:38  | 22  | 16:24 | 13 | * | * | * | * |
| 12 | 25   | 24 | 23 | 22 | 21 | 21 | 21 | 21 | 22 | 23 | 24 | 23 | 23 | 22 | 20 | 18 | 17 | 16 | 16 | 16 | 18 | 21 | 24  | 26 | 507 | 21.1 |   | 10: 7 | 24   | *     | *    | *  | *  | 6:14 | 21 | 18: 1 | 16  | *     | *  | * | * |   |   |
| 13 | 26   | 26 | 24 | 22 | 21 | 20 | 19 | 18 | 18 | 20 | 22 | 23 | 24 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 19 | 21 | 24  | 26 | 520 | 21.7 |   | 0:12  | 26   | 12:51 | 24   | *  | *  | *    | *  | 7:14  | 18  | 19:11 | 18 | * | * | * | * |
| 14 | 27   | 28 | 27 | 24 | 22 | 19 | 17 | 16 | 15 | 16 | 19 | 21 | 23 | 25 | 26 | 26 | 25 | 23 | 22 | 21 | 21 | 21 | 23  | 26 | 533 | 22.2 |   | 0:45  | 28   | 14:19 | 26   | *  | *  | *    | *  | 7:58  | 15  | 20: 6 | 21 | * | * | * | * |
| 15 | 28   | 29 | 29 | 27 | 24 | 20 | 17 | 15 | 13 | 13 | 15 | 18 | 21 | 24 | 26 | 28 | 27 | 27 | 25 | 24 | 23 | 23 | 24  | 26 | 546 | 22.8 |   | 1:15  | 29   | 15:26 | 28   | *  | *  | *    | *  | 8:37  | 13  | 20:54 | 23 | * | * | * | * |
| 16 | 28   | 30 | 30 | 29 | 26 | 22 | 18 | 15 | 12 | 11 | 12 | 14 | 18 | 22 | 26 | 28 | 29 | 29 | 28 | 26 | 25 | 24 | 24  | 25 | 551 | 23.0 |   | 1:44  | 30   | 16:18 | 29   | *  | *  | *    | *  | 9:11  | 11  | 21:34 | 24 | * | * | * | * |
| 17 | 28   | 30 | 31 | 30 | 28 | 25 | 21 | 16 | 13 | 10 | 10 | 12 | 15 | 20 | 24 | 27 | 29 | 30 | 29 | 28 | 26 | 25 | 25  | 25 | 557 | 23.2 |   | 2:14  | 31   | 16:56 | 30   | *  | *  | *    | *  | 9:43  | 10  | 22: 3 | 25 | * | * | * | * |
| 18 | 27   | 29 | 31 | 31 | 30 | 27 | 23 | 18 | 14 | 11 | 9  | 10 | 13 | 17 | 22 | 26 | 28 | 29 | 29 | 28 | 27 | 26 | 25  | 25 | 555 | 23.1 | F | 2:43  | 31   | 17:26 | 30   | *  | *  | *    | *  | 10:15 | 9   | 22:19 | 25 | * | * | * | * |
| 19 | 26   | 28 | 30 | 31 | 31 | 29 | 25 | 21 | 16 | 12 | 10 | 9  | 11 | 14 | 19 | 23 | 26 | 28 | 29 | 28 | 27 | 25 | 25  | 25 | 548 | 22.8 |   | 3: 8  | 31   | 17:55 | 29   | *  | *  | *    | *  | 10:47 | 9   | 22:21 | 25 | * | * | * | * |
| 20 | 26   | 27 | 29 | 31 | 31 | 30 | 27 | 23 | 18 | 14 | 11 | 10 | 10 | 12 | 17 | 21 | 24 | 26 | 28 | 28 | 26 | 25 | 24  | 24 | 542 | 22.6 |   | 3:28  | 31   | 18:27 | 28   | *  | *  | *    | *  | 11:23 | 10  | 22:11 | 24 | * | * | * | * |
| 21 | 25   | 26 | 28 | 30 | 30 | 29 | 28 | 25 | 21 | 16 | 13 | 11 | 10 | 11 | 14 | 19 | 22 | 24 | 26 | 27 | 26 | 24 | 23  | 23 | 531 | 22.1 |   | 3:43  | 30   | 19: 4 | 27   | *  | *  | *    | *  | 12: 1 | 10  | 22:19 | 23 | * | * | * | * |
| 22 | 24   | 25 | 26 | 28 | 29 | 29 | 27 | 26 | 23 | 19 | 15 | 13 | 12 | 11 | 13 | 16 | 20 | 22 | 24 | 25 | 26 | 25 | 23  | 23 | 524 | 21.8 |   | 4: 2  | 29   | 19:46 | 26   | *  | *  | *    | *  | 12:41 | 11  | 22:45 | 23 | * | * | * | * |
| 23 | 23   | 24 | 24 | 26 | 28 | 28 | 27 | 25 | 23 | 20 | 17 | 14 | 13 | 12 | 12 | 15 | 18 | 21 | 22 | 24 | 25 | 25 | 24  | 23 | 513 | 21.4 |   | 4:29  | 28   | 20:29 | 25   | *  | *  | *    | *  | 13:21 | 12  | 23:27 | 23 | * | * | * | * |
| 24 | 23   | 23 | 23 | 24 | 26 | 27 | 26 | 24 | 23 | 22 | 19 | 16 | 14 | 13 | 13 | 14 | 16 | 19 | 22 | 23 | 24 | 25 | 25  | 23 | 507 | 21.1 |   | 5: 1  | 27   | 21:12 | 25   | *  | *  | *    | *  | 13:58 | 13  | *     | *  | * | * | * | * |
| 25 | 22   | 22 | 22 | 22 | 23 | 24 | 25 | 24 | 22 | 22 | 20 | 18 | 16 | 15 | 14 | 14 | 16 | 18 | 21 | 22 | 24 | 25 | 25  | 24 | 500 | 20.8 |   | 5:41  | 25   | 21:53 | 25   | *  | *  | *    | *  | 2:30  | 22  | 14:28 | 14 | * | * | * | * |
| 26 | 23   | 22 | 21 | 21 | 21 | 21 | 22 | 22 | 22 | 21 | 20 | 19 | 18 | 16 | 16 | 15 | 16 | 17 | 20 | 22 | 23 | 24 | 25  | 25 | 492 | 20.5 | L | 6:33  | 22   | 22:31 | 25   | *  | *  | *    | *  | 3:40  | 21  | 14:46 | 15 | * | * | * | * |
| 27 | 24   | 22 | 21 | 19 | 19 | 18 | 19 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 17 | 17 | 17 | 18 | 19 | 21 | 23 | 24 | 25  | 25 | 486 | 20.3 |   | 9:30  | 20   | 23: 4 | 25   | *  | *  | *    | *  | 4:55  | 18  | 15: 4 | 17 | * | * | * | * |
| 28 | 25   | 23 | 21 | 19 | 17 | 16 | 16 | 16 | 17 | 18 | 19 | 20 | 21 | 21 | 20 | 19 | 19 | 19 | 19 | 21 | 22 | 24 | 25  | 25 | 482 | 20.1 |   | 12:32 | 21   | 23:31 | 25   | *  | *  | *    | *  | 6: 4  | 16  | 15:44 | 19 | * | * | * | * |
| 29 | 25   | 24 | 22 | 19 | 16 | 14 | 13 | 12 | 13 | 15 | 17 | 18 | 20 | 22 | 22 | 21 | 21 | 20 | 20 | 20 | 21 | 23 | 24  | 25 | 467 | 19.5 |   | 13:41 | 22   | *     | *    | *  | *  | 6:58 | 12 | 18:20 | 20  | *     | *  | * | * |   |   |
| 30 | 25   | 25 | 23 | 20 | 16 | 14 | 11 | 10 | 9  | 11 | 13 | 16 | 19 | 21 | 23 | 23 | 22 | 22 | 21 | 21 | 20 | 21 | 23  | 24 | 453 | 18.9 |   | 0: 1  | 25   | 14:35 | 24   | *  | *  | *    | *  | 7:43  | 9   | 19:42 | 20 | * | * | * | * |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位 |    |    | 推算月最低潮位  |    |    |
|----------|--------------|---------------|---------|----|----|----------|----|----|
|          |              |               | 起時      | 潮位 | 回数 | 起時       | 潮位 | 回数 |
| 720      | 15687        | 21.8          | 5日3時8分  | 32 | 8  | 7日12時10分 | 7  | 2  |

推算潮位 (毎時・満干潮)

地点名: 寿都

緯度: 42 °48 N

経度: 140 °14 E

潮位表基準面の零点: 平均海面下 17.0(cm)

2013 年 12 月

| 日  | 毎時潮位 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 日合計 | 日平均 | 月    | 満潮 |       |     |       |    |    |    |      | 干潮 |       |     |       |    |    |    |   |   |
|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|------|----|-------|-----|-------|----|----|----|------|----|-------|-----|-------|----|----|----|---|---|
|    | 0    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |     |     |      | 23 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 |   |   |
| 1  | 25   | 25 | 24 | 22 | 18 | 14 | 11 | 8  | 6  | 7  | 9  | 12 | 16 | 20 | 23 | 24 | 24 | 23 | 22 | 21 | 20 | 20 | 21 | 22  | 437 | 18.2 |    | 0:44  | 25  | 15:21 | 24 | *  | *  | *    | *  | 8:26  | 6   | 20:33 | 20 | *  | *  | * | * |
| 2  | 24   | 25 | 25 | 23 | 20 | 16 | 11 | 8  | 5  | 4  | 4  | 7  | 12 | 16 | 21 | 24 | 25 | 24 | 22 | 21 | 19 | 19 | 19 | 20  | 414 | 17.3 |    | 1:29  | 25  | 16:5  | 25 | *  | *  | *    | *  | 9:7   | 4   | 21:9  | 19 | *  | *  | * | * |
| 3  | 22   | 24 | 25 | 25 | 23 | 19 | 14 | 9  | 5  | 2  | 1  | 3  | 7  | 12 | 17 | 21 | 23 | 24 | 23 | 21 | 19 | 18 | 18 | 18  | 393 | 16.4 | N  | 2:11  | 25  | 16:48 | 24 | *  | *  | *    | *  | 9:50  | 1   | 21:32 | 18 | *  | *  | * | * |
| 4  | 20   | 23 | 25 | 26 | 24 | 21 | 17 | 12 | 6  | 2  | 0  | 0  | 2  | 6  | 12 | 17 | 21 | 22 | 23 | 21 | 19 | 17 | 16 | 17  | 369 | 15.4 |    | 2:51  | #26 | 17:32 | 23 | *  | *  | *    | *  | 10:35 | 0   | 21:53 | 16 | *  | *  | * | * |
| 5  | 18   | 20 | 23 | 25 | 25 | 23 | 20 | 15 | 10 | 5  | 1  | 0  | 0  | 2  | 7  | 12 | 17 | 20 | 21 | 21 | 19 | 17 | 15 | 16  | 352 | 14.7 |    | 3:31  | 25  | 18:19 | 21 | *  | *  | *    | *  | 11:24 | -1  | 22:21 | 15 | *  | *  | * | * |
| 6  | 16   | 18 | 21 | 23 | 25 | 24 | 22 | 18 | 14 | 8  | 4  | 1  | 0  | 0  | 3  | 7  | 12 | 16 | 19 | 20 | 19 | 17 | 15 | 15  | 337 | 14.0 |    | 4:12  | 25  | 19:7  | 20 | *  | *  | *    | *  | 12:15 | 0   | 23:1  | 15 | *  | *  | * | * |
| 7  | 15   | 16 | 18 | 20 | 22 | 23 | 22 | 20 | 17 | 12 | 7  | 4  | 1  | 1  | 1  | 4  | 8  | 13 | 16 | 18 | 19 | 18 | 16 | 15  | 326 | 13.6 |    | 4:57  | 23  | 19:55 | 19 | *  | *  | *    | *  | 13:5  | 1   | *     | *  | *  | *  | * | * |
| 8  | 14   | 15 | 16 | 17 | 19 | 21 | 21 | 20 | 19 | 15 | 11 | 8  | 5  | 3  | 2  | 4  | 6  | 10 | 13 | 16 | 18 | 19 | 18 | 16  | 326 | 13.6 |    | 5:54  | 21  | 20:41 | 19 | *  | *  | *    | *  | 0:6   | 14  | 13:51 | 2  | *  | *  | * | * |
| 9  | 15   | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 18 | 17 | 14 | 11 | 9  | 7  | 5  | 5  | 6  | 9  | 11 | 15 | 18 | 19 | 19 | 18  | 329 | 13.7 |    | 7:18  | 19  | 21:24 | 19 | *  | *  | *    | *  | 1:42  | 14  | 14:33 | 5  | *  | *  | * | * |
| 10 | 16   | 15 | 13 | 13 | 13 | 14 | 14 | 16 | 17 | 17 | 16 | 14 | 13 | 11 | 9  | 8  | 9  | 10 | 11 | 14 | 17 | 19 | 20 | 20  | 339 | 14.1 | U  | 8:43  | 17  | 22:3  | 20 | *  | *  | *    | *  | 3:4   | 13  | 15:11 | 8  | *  | *  | * | * |
| 11 | 18   | 16 | 14 | 12 | 11 | 11 | 11 | 12 | 13 | 15 | 16 | 16 | 15 | 14 | 13 | 12 | 12 | 13 | 13 | 14 | 16 | 19 | 21 | 21  | 348 | 14.5 |    | 10:19 | 16  | 22:43 | 21 | *  | *  | *    | *  | 5:32  | 11  | 15:45 | 12 | *  | *  | * | * |
| 12 | 20   | 19 | 16 | 13 | 11 | 10 | 9  | 9  | 10 | 12 | 14 | 15 | 16 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 17 | 19 | 21 | 22  | 367 | 15.3 |    | 13:24 | 17  | 23:24 | 22 | *  | *  | *    | *  | 6:49  | 9   | 16:22 | 16 | *  | *  | * | * |
| 13 | 22   | 21 | 18 | 15 | 12 | 10 | 8  | 7  | 7  | 8  | 11 | 14 | 16 | 18 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 19 | 20 | 22  | 379 | 15.8 |    | 14:58 | 19  | *     | *  | *  | *  | 7:37 | 7  | 19:48 | 18  | *     | *  | *  | *  |   |   |
| 14 | 23   | 23 | 21 | 18 | 15 | 11 | 9  | 7  | 5  | 6  | 8  | 11 | 15 | 17 | 19 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 22  | 394 | 16.4 |    | 0:10  | 23  | 16:14 | 21 | *  | *  | *    | *  | 8:18  | 5   | 20:48 | 20 | *  | *  | * | * |
| 15 | 23   | 24 | 23 | 21 | 18 | 14 | 10 | 7  | 5  | 4  | 5  | 8  | 12 | 16 | 19 | 21 | 22 | 22 | 22 | 21 | 21 | 20 | 20 | 21  | 399 | 16.6 |    | 0:57  | 24  | 16:51 | 22 | *  | *  | *    | *  | 8:57  | 4   | 21:31 | 20 | *  | *  | * | * |
| 16 | 23   | 24 | 24 | 23 | 21 | 17 | 13 | 9  | 6  | 4  | 4  | 6  | 9  | 14 | 18 | 20 | 22 | 23 | 23 | 22 | 21 | 20 | 20 | 21  | 407 | 17.0 |    | 1:42  | 24  | 17:12 | 23 | *  | *  | *    | *  | 9:33  | 4   | 21:55 | 20 | *  | *  | * | * |
| 17 | 22   | 24 | 25 | 24 | 23 | 20 | 16 | 11 | 7  | 5  | 4  | 4  | 7  | 11 | 16 | 19 | 21 | 22 | 22 | 22 | 21 | 20 | 20 | 20  | 406 | 16.9 | F  | 2:21  | 25  | 17:28 | 22 | *  | *  | *    | *  | 10:7  | 4   | 22:2  | 20 | *  | *  | * | * |
| 18 | 21   | 23 | 24 | 25 | 24 | 22 | 18 | 14 | 9  | 6  | 4  | 4  | 5  | 9  | 13 | 17 | 20 | 21 | 22 | 21 | 20 | 19 | 19 | 19  | 399 | 16.6 |    | 2:52  | 25  | 17:47 | 22 | *  | *  | *    | *  | 10:40 | 4   | 22:2  | 19 | *  | *  | * | * |
| 19 | 20   | 21 | 23 | 24 | 24 | 23 | 20 | 16 | 11 | 7  | 5  | 4  | 4  | 7  | 11 | 15 | 18 | 20 | 21 | 21 | 19 | 18 | 18 | 18  | 388 | 16.2 |    | 3:15  | 25  | 18:11 | 21 | *  | *  | *    | *  | 11:12 | 4   | 22:1  | 18 | *  | *  | * | * |
| 20 | 18   | 20 | 22 | 24 | 24 | 23 | 21 | 17 | 13 | 9  | 6  | 4  | 4  | 5  | 9  | 13 | 16 | 18 | 20 | 20 | 19 | 17 | 16 | 17  | 375 | 15.6 |    | 3:32  | 24  | 18:42 | 20 | *  | *  | *    | *  | 11:44 | 4   | 22:17 | 16 | *  | *  | * | * |
| 21 | 17   | 18 | 20 | 22 | 23 | 22 | 20 | 18 | 14 | 10 | 7  | 5  | 4  | 5  | 7  | 11 | 15 | 17 | 19 | 20 | 19 | 17 | 16 | 15  | 361 | 15.0 |    | 3:52  | 23  | 19:15 | 20 | *  | *  | *    | *  | 12:14 | 4   | 22:52 | 15 | *  | *  | * | * |
| 22 | 16   | 16 | 17 | 19 | 21 | 21 | 19 | 18 | 15 | 12 | 8  | 6  | 5  | 5  | 6  | 9  | 13 | 16 | 18 | 19 | 19 | 18 | 16 | 15  | 347 | 14.5 |    | 4:21  | 21  | 19:49 | 19 | *  | *  | *    | *  | 12:40 | 5   | *     | *  | *  | *  | * | * |
| 23 | 14   | 14 | 15 | 16 | 18 | 19 | 18 | 17 | 15 | 13 | 10 | 7  | 6  | 6  | 6  | 8  | 12 | 15 | 17 | 18 | 19 | 18 | 17 | 15  | 333 | 13.9 |    | 4:57  | 19  | 20:18 | 19 | *  | *  | *    | *  | 1:5   | 14  | 12:51 | 6  | *  | *  | * | * |
| 24 | 13   | 13 | 12 | 13 | 14 | 16 | 16 | 16 | 15 | 13 | 11 | 9  | 7  | 7  | 7  | 8  | 11 | 14 | 17 | 18 | 18 | 18 | 17 | 15  | 318 | 13.3 |    | 5:44  | 16  | 20:35 | 19 | *  | *  | *    | *  | 2:13  | 12  | 12:57 | 7  | *  | *  | * | * |
| 25 | 13   | 12 | 11 | 10 | 11 | 12 | 14 | 14 | 14 | 13 | 12 | 11 | 9  | 8  | 8  | 9  | 11 | 13 | 16 | 18 | 18 | 18 | 16 | 16  | 309 | 12.9 | L  | 6:50  | 14  | 20:21 | 19 | *  | *  | *    | *  | 3:8   | 10  | 13:24 | 8  | *  | *  | * | * |
| 26 | 14   | 11 | 10 | 8  | 8  | 8  | 10 | 11 | 12 | 12 | 12 | 12 | 12 | 10 | 10 | 10 | 11 | 13 | 15 | 17 | 18 | 19 | 18 | 17  | 298 | 12.4 |    | 10:16 | 12  | 20:39 | 19 | *  | *  | *    | *  | 4:5   | 8   | 14:1  | 10 | *  | *  | * | * |
| 27 | 15   | 12 | 9  | 7  | 6  | 6  | 6  | 8  | 9  | 11 | 12 | 12 | 13 | 13 | 12 | 12 | 12 | 13 | 14 | 16 | 17 | 18 | 17 | 17  | 288 | 12.0 |    | 12:11 | 13  | 21:15 | 18 | *  | *  | *    | *  | 5:9   | 6   | 14:46 | 12 | *  | *  | * | * |
| 28 | 16   | 14 | 11 | 8  | 5  | 4  | 3  | 4  | 5  | 8  | 10 | 11 | 13 | 14 | 14 | 13 | 13 | 14 | 14 | 15 | 16 | 17 | 18 | 18  | 278 | 11.6 |    | 13:26 | 14  | 22:3  | 18 | *  | *  | *    | *  | 6:17  | 3   | 15:39 | 13 | *  | *  | * | * |
| 29 | 17   | 15 | 13 | 9  | 6  | 4  | 2  | 1  | 1  | 4  | 6  | 9  | 12 | 14 | 15 | 15 | 15 | 14 | 14 | 14 | 15 | 16 | 17 | 18  | 266 | 11.1 |    | 14:23 | 15  | 23:16 | 18 | *  | *  | *    | *  | 7:17  | 1   | 17:56 | 14 | *  | *  | * | * |
| 30 | 18   | 17 | 15 | 12 | 9  | 5  | 2  | 0  | -1 | -1 | 2  | 5  | 9  | 12 | 15 | 16 | 16 | 15 | 14 | 14 | 14 | 14 | 15 | 17  | 254 | 10.6 |    | 15:13 | 16  | *     | *  | *  | *  | 8:11 | -1 | 20:6  | 14  | *     | *  | *  | *  |   |   |
| 31 | 17   | 18 | 17 | 16 | 12 | 8  | 4  | 0  | -2 | -4 | -2 | 1  | 5  | 9  | 13 | 16 | 16 | 16 | 14 | 13 | 12 | 12 | 13 | 14  | 238 | 9.9  |    | 0:26  | 18  | 15:57 | 16 | *  | *  | *    | *  | 9:2   | #-4 | 20:49 | 12 | *  | *  | * | * |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位 |    |    | 推算月最低潮位 |    |    |
|----------|--------------|---------------|---------|----|----|---------|----|----|
|          |              |               | 起時      | 潮位 | 回数 | 起時      | 潮位 | 回数 |
| 744      | 10774        | 14.5          | 4日2時51分 | 26 | 1  | 31日9時2分 | -4 | 1  |