

# 推算潮位（毎時・満干潮）

地点名：森

緯度：42 ° 7 N

経度：140 ° 36 E

潮位表基準面の零点：平均海面下 92.0(cm)

2016 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  | 43   | 39  | 48  | 60  | 74  | 96  | 121 | 132 | 129 | 122 | 114 | 101 | 84  | 74  | 76  | 82  | 87  | 95  | 108 | 114 | 108 | 97  | 87 | 77 | 2168 | 90.3 |   | 7:12 | 132 | 19: 1 | 114  | *     | *   | *    | *  | 0:44  | 39  | 13:16 | 74  | *     | *  | * | * |
| 2  | 63   | 52  | 52  | 61  | 72  | 87  | 105 | 123 | 130 | 126 | 118 | 109 | 96  | 83  | 75  | 75  | 78  | 82  | 88  | 97  | 101 | 98  | 91 | 85 | 2147 | 89.5 | L | 8: 3 | 130 | 20: 2 | 101  | *     | *   | *    | *  | 1:29  | 51  | 14:29 | 74  | *     | *  | * | * |
| 3  | 78   | 70  | 65  | 66  | 74  | 84  | 97  | 112 | 124 | 128 | 124 | 115 | 105 | 93  | 81  | 72  | 69  | 70  | 72  | 78  | 86  | 91  | 91 | 89 | 2134 | 88.9 |   | 8:54 | 128 | 21:35 | 92   | *     | *   | *    | *  | 2:19  | 64  | 16:11 | 69  | *     | *  | * | * |
| 4  | 87   | 85  | 81  | 77  | 77  | 83  | 92  | 103 | 115 | 125 | 127 | 122 | 114 | 103 | 91  | 77  | 65  | 60  | 59  | 61  | 68  | 77  | 86 | 91 | 2126 | 88.6 |   | 9:48 | 127 | *     | *    | *     | *   | 3:24 | 76 | 17:43 | 59  | *     | *   | *     | *  |   |   |
| 5  | 93   | 95  | 95  | 91  | 87  | 86  | 90  | 97  | 107 | 117 | 126 | 128 | 123 | 114 | 102 | 87  | 70  | 56  | 48  | 47  | 51  | 60  | 73 | 86 | 2129 | 88.7 |   | 1:25 | 95  | 10:48 | 128  | *     | *   | *    | *  | 4:42  | 85  | 18:42 | 47  | *     | *  | * | * |
| 6  | 96   | 102 | 105 | 105 | 99  | 93  | 90  | 93  | 100 | 110 | 120 | 129 | 131 | 126 | 115 | 99  | 80  | 59  | 43  | 35  | 36  | 42  | 56 | 74 | 2138 | 89.1 |   | 2:22 | 106 | 11:48 | 132  | *     | *   | *    | *  | 5:55  | 90  | 19:27 | 35  | *     | *  | * | * |
| 7  | 92   | 105 | 113 | 115 | 112 | 104 | 95  | 92  | 96  | 103 | 113 | 125 | 135 | 136 | 129 | 114 | 94  | 70  | 46  | 29  | 24  | 27  | 37 | 56 | 2162 | 90.1 |   | 3: 1 | 115 | 12:40 | 137  | *     | *   | *    | *  | 6:56  | 92  | 20: 6 | 24  | *     | *  | * | * |
| 8  | 80   | 102 | 115 | 122 | 123 | 116 | 104 | 95  | 93  | 97  | 105 | 117 | 132 | 143 | 141 | 129 | 111 | 86  | 57  | 31  | 17  | 15  | 21 | 37 | 2189 | 91.2 |   | 3:37 | 123 | 13:24 | 144  | *     | *   | *    | *  | 7:44  | 92  | 20:41 | 14  | *     | *  | * | * |
| 9  | 62   | 91  | 113 | 124 | 129 | 127 | 116 | 100 | 92  | 92  | 98  | 107 | 123 | 142 | 150 | 144 | 127 | 105 | 75  | 42  | 17  | 8   | 10 | 20 | 2214 | 92.3 |   | 4:16 | 129 | 14: 3 | 150  | *     | *   | *    | *  | 8:22  | 91  | 21:12 | 8   | *     | *  | * | * |
| 10 | 41   | 74  | 105 | 123 | 130 | 133 | 127 | 111 | 94  | 88  | 92  | 98  | 110 | 131 | 152 | 155 | 142 | 122 | 97  | 63  | 27  | 7   | 5  | 10 | 2237 | 93.2 | N | 4:59 | 133 | 14:40 | 156  | *     | *   | *    | *  | 8:55  | 88  | 21:39 | # 4 | *     | *  | * | * |
| 11 | 23   | 51  | 89  | 117 | 129 | 133 | 134 | 123 | 101 | 86  | 86  | 92  | 98  | 114 | 140 | 158 | 154 | 136 | 116 | 88  | 50  | 16  | 4  | 7  | 2245 | 93.5 |   | 5:43 | 135 | 15:17 | #160 | *     | *   | *    | *  | 9:28  | 84  | 22: 6 | # 4 | *     | *  | * | * |
| 12 | 15   | 32  | 66  | 105 | 126 | 131 | 134 | 132 | 115 | 90  | 79  | 84  | 91  | 98  | 119 | 148 | 160 | 147 | 127 | 108 | 78  | 38  | 10 | 7  | 2240 | 93.3 |   | 6:26 | 134 | 15:56 | #160 | *     | *   | *    | *  | 10: 3 | 79  | 22:37 | 6   | *     | *  | * | * |
| 13 | 15   | 24  | 46  | 85  | 119 | 131 | 130 | 132 | 126 | 103 | 78  | 74  | 82  | 88  | 98  | 123 | 150 | 153 | 136 | 119 | 100 | 68  | 30 | 13 | 2223 | 92.6 |   | 7: 7 | 133 | 16:36 | 156  | *     | *   | *    | *  | 10:42 | 73  | 23:10 | 12  | *     | *  | * | * |
| 14 | 18   | 27  | 37  | 64  | 103 | 128 | 131 | 129 | 129 | 117 | 89  | 69  | 70  | 79  | 84  | 97  | 124 | 146 | 142 | 124 | 110 | 92  | 60 | 30 | 2199 | 91.6 |   | 5:38 | 132 | 17:19 | 147  | *     | *   | *    | *  | 11:23 | 67  | 23:46 | 22  | *     | *  | * | * |
| 15 | 23   | 33  | 42  | 54  | 83  | 118 | 133 | 130 | 127 | 124 | 106 | 78  | 63  | 68  | 74  | 79  | 94  | 120 | 134 | 127 | 113 | 103 | 86 | 58 | 2170 | 90.4 |   | 6:12 | 134 | 18: 6 | 135  | *     | *   | *    | *  | 12:10 | 63  | *     | *   | *     | *  |   |   |
| 16 | 37   | 38  | 50  | 58  | 73  | 101 | 128 | 135 | 129 | 124 | 117 | 96  | 71  | 61  | 65  | 68  | 72  | 88  | 110 | 119 | 112 | 103 | 97 | 83 | 2135 | 89.0 |   | 6:51 | 135 | 18:58 | 119  | *     | *   | *    | *  | 0:25  | 35  | 13: 4 | 61  | *     | *  | * | * |
| 17 | 62   | 51  | 56  | 67  | 75  | 90  | 114 | 133 | 135 | 127 | 121 | 111 | 89  | 68  | 59  | 60  | 60  | 64  | 78  | 96  | 104 | 100 | 97 | 94 | 2111 | 88.0 | U | 7:36 | 136 | 20: 3 | 104  | *     | *   | *    | *  | 1: 7  | 51  | 14:17 | 59  | *     | *  | * | * |
| 18 | 86   | 73  | 67  | 73  | 82  | 90  | 103 | 121 | 134 | 134 | 127 | 119 | 107 | 88  | 68  | 56  | 53  | 51  | 53  | 66  | 81  | 91  | 93 | 94 | 2110 | 87.9 |   | 8:27 | 136 | *     | *    | *     | *   | 1:55 | 67 | 17: 8 | 51  | *     | *   | *     | *  |   |   |
| 19 | 96   | 93  | 86  | 83  | 87  | 94  | 100 | 110 | 124 | 134 | 134 | 127 | 119 | 108 | 89  | 67  | 52  | 44  | 40  | 42  | 53  | 69  | 83 | 90 | 2124 | 88.5 |   | 0: 4 | 96  | 9:28  | 135  | *     | *   | *    | *  | 2:56  | 83  | 18:17 | 40  | *     | *  | * | * |
| 20 | 97   | 103 | 104 | 99  | 94  | 96  | 101 | 106 | 113 | 124 | 134 | 135 | 130 | 122 | 110 | 90  | 65  | 45  | 34  | 30  | 31  | 42  | 61 | 81 | 2147 | 89.5 |   | 1:41 | 105 | 10:41 | 136  | *     | *   | *    | *  | 4:18  | 94  | 19:19 | 30  | *     | *  | * | * |
| 21 | 94   | 104 | 112 | 115 | 109 | 101 | 99  | 103 | 107 | 112 | 123 | 135 | 140 | 135 | 126 | 113 | 90  | 60  | 36  | 24  | 21  | 23  | 36 | 60 | 2178 | 90.8 |   | 2:49 | 116 | 11:55 | 140  | *     | *   | *    | *  | 5:42  | 99  | 20:12 | 21  | *     | *  | * | * |
| 22 | 86   | 102 | 113 | 122 | 124 | 114 | 101 | 98  | 102 | 105 | 109 | 122 | 139 | 146 | 139 | 128 | 114 | 87  | 52  | 25  | 16  | 15  | 19 | 35 | 2213 | 92.2 |   | 3:42 | 124 | 12:56 | 146  | *     | *   | *    | *  | 6:49  | 97  | 20:44 | 15  | *     | *  | * | * |
| 23 | 67   | 97  | 113 | 121 | 129 | 128 | 113 | 96  | 93  | 98  | 101 | 106 | 124 | 146 | 151 | 141 | 128 | 111 | 80  | 41  | 16  | 11  | 13 | 19 | 2243 | 93.5 |   | 4:29 | 130 | 13:46 | 152  | *     | *   | *    | *  | 7:42  | 92  | 20:51 | 11  | *     | *  | * | * |
| 24 | 42   | 80  | 110 | 122 | 127 | 133 | 127 | 106 | 87  | 87  | 95  | 97  | 105 | 130 | 153 | 154 | 139 | 124 | 105 | 69  | 29  | 10  | 12 | 16 | 2259 | 94.1 | F | 5:13 | 133 | 14:31 | 157  | *     | *   | *    | *  | 8:28  | 85  | 21:19 | 9   | *     | *  | * | * |
| 25 | 26   | 56  | 97  | 123 | 128 | 130 | 133 | 121 | 94  | 78  | 83  | 91  | 94  | 108 | 137 | 157 | 151 | 132 | 118 | 96  | 56  | 20  | 10 | 17 | 2256 | 94.0 |   | 5:53 | 133 | 15:13 | 158  | *     | *   | *    | *  | 9:12  | 77  | 21:52 | 10  | *     | *  | * | * |
| 26 | 24   | 39  | 75  | 115 | 132 | 130 | 130 | 129 | 109 | 81  | 70  | 80  | 88  | 93  | 114 | 144 | 156 | 142 | 123 | 109 | 83  | 43  | 16 | 16 | 2241 | 93.4 |   | 4:12 | 132 | 6:29  | 131  | 15:54 | 156 | *    | *  | 5:29  | 129 | 9:54  | 70  | 22:27 | 13 | * | * |
| 27 | 26   | 35  | 57  | 97  | 129 | 136 | 129 | 127 | 119 | 94  | 69  | 66  | 78  | 86  | 95  | 120 | 146 | 148 | 130 | 113 | 98  | 69  | 34 | 19 | 2220 | 92.5 |   | 4:44 | 136 | 16:34 | 150  | *     | *   | *    | *  | 10:35 | 64  | 23: 3 | 19  | *     | *  | * | * |
| 28 | 27   | 39  | 52  | 78  | 116 | 137 | 135 | 126 | 121 | 106 | 79  | 61  | 66  | 77  | 85  | 99  | 123 | 141 | 135 | 117 | 102 | 86  | 58 | 33 | 2199 | 91.6 |   | 5:19 | 138 | 17:14 | 141  | *     | *   | *    | *  | 11:16 | 61  | 23:39 | 28  | *     | *  | * | * |
| 29 | 29   | 41  | 54  | 70  | 99  | 129 | 139 | 131 | 121 | 111 | 92  | 68  | 59  | 66  | 77  | 85  | 101 | 122 | 130 | 120 | 105 | 92  | 75 | 53 | 2169 | 90.4 |   | 5:56 | 139 | 17:54 | 130  | *     | *   | *    | *  | 11:58 | 59  | *     | *   | *     | *  |   |   |
| 30 | 39   | 43  | 56  | 70  | 89  | 115 | 135 | 136 | 126 | 114 | 100 | 80  | 63  | 59  | 67  | 75  | 85  | 100 | 115 | 116 | 107 | 95  | 84 | 70 | 2139 | 89.1 |   | 6:33 | 138 | 18:37 | 117  | *     | *   | *    | *  | 0:14  | 39  | 12:42 | 59  | *     | *  | * | * |
| 31 | 56   | 51  | 59  | 72  | 86  | 104 | 124 | 135 | 131 | 119 | 106 | 90  | 73  | 62  | 61  | 66  | 73  | 83  | 95  | 104 | 103 | 96  | 88 | 80 | 2117 | 88.2 |   | 7:12 | 135 | 19:26 | 105  | *     | *   | *    | *  | 0:49  | 51  | 13:34 | 60  | *     | *  | * | * |

| 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      | 67582        | 90.8          | 12日 15時 56分 | 160 | 2  | 11日 22時 6分 | 4  | 2  |

# 推算潮位（毎時・満干潮）

地点名：森

緯度：42 ° 7 N

経度：140 ° 36 E

潮位表基準面の零点：平均海面下 92.0(cm)

2016 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  | 71   | 65  | 66  | 74  | 85  | 98  | 114 | 127 | 131 | 125 | 114 | 100 | 84  | 70  | 62  | 60  | 63  | 68  | 77  | 86  | 93  | 93  | 90 | 87 | 2103 | 87.6 | L | 7:51 | 131 | 20:36 | 94   | *  | *  | *    | *  | 1:22  | 64  | 14:48 | 60  | *  | *  | *  | *  |
| 2  | 83   | 79  | 77  | 79  | 86  | 95  | 107 | 119 | 127 | 127 | 121 | 109 | 96  | 82  | 70  | 61  | 57  | 57  | 61  | 68  | 77  | 84  | 88 | 90 | 2100 | 87.5 |   | 8:34 | 128 | *     | *    | *  | *  | 1:57 | 77 | 16:29 | 56  | *     | *   | *  | *  |    |    |
| 3  | 91   | 91  | 90  | 89  | 90  | 94  | 101 | 110 | 119 | 125 | 124 | 118 | 108 | 96  | 82  | 68  | 57  | 50  | 48  | 51  | 59  | 69  | 79 | 87 | 2096 | 87.3 |   | 0:28 | 91  | 9:28  | 125  | *  | *  | *    | *  | 2:58  | 89  | 17:53 | 48  | *  | *  | *  | *  |
| 4  | 94   | 99  | 101 | 100 | 98  | 97  | 98  | 103 | 110 | 118 | 124 | 124 | 120 | 111 | 98  | 81  | 64  | 49  | 40  | 37  | 41  | 50  | 64 | 79 | 2100 | 87.5 |   | 2: 7 | 101 | 10:40 | 125  | *  | *  | *    | *  | 4:59  | 97  | 18:56 | 37  | *  | *  | *  | *  |
| 5  | 93   | 103 | 110 | 111 | 108 | 102 | 98  | 98  | 102 | 109 | 118 | 125 | 128 | 125 | 115 | 99  | 79  | 57  | 39  | 28  | 26  | 32  | 45 | 64 | 2114 | 88.1 |   | 2:44 | 111 | 11:59 | 128  | *  | *  | *    | *  | 6:32  | 98  | 19:46 | 26  | *  | *  | *  | *  |
| 6  | 85   | 102 | 114 | 120 | 118 | 111 | 101 | 95  | 95  | 99  | 107 | 119 | 131 | 136 | 131 | 118 | 99  | 73  | 46  | 26  | 17  | 17  | 26 | 44 | 2130 | 88.8 |   | 3:19 | 120 | 13: 0 | 136  | *  | *  | *    | *  | 7:32  | 94  | 20:27 | 16  | *  | *  | *  | *  |
| 7  | 71   | 96  | 114 | 123 | 127 | 121 | 108 | 95  | 89  | 90  | 96  | 107 | 124 | 140 | 144 | 135 | 119 | 96  | 65  | 34  | 15  | 10  | 13 | 25 | 2157 | 89.9 |   | 3:56 | 127 | 13:47 | 145  | *  | *  | *    | *  | 8:12  | 89  | 20:59 | 10  | *  | *  | *  | *  |
| 8  | 50   | 83  | 110 | 123 | 129 | 130 | 119 | 99  | 84  | 81  | 86  | 92  | 108 | 132 | 150 | 150 | 136 | 117 | 91  | 55  | 22  | 7   | 8  | 14 | 2176 | 90.7 | N | 4:34 | 131 | 14:27 | 152  | *  | *  | *    | *  | 8:43  | 81  | 21:23 | # 7 | *  | *  | *  | *  |
| 9  | 30   | 63  | 100 | 122 | 129 | 132 | 129 | 111 | 85  | 72  | 74  | 80  | 89  | 111 | 142 | 157 | 150 | 133 | 114 | 84  | 43  | 13  | 7  | 13 | 2183 | 91.0 |   | 5:14 | 132 | 15: 7 | 157  | *  | *  | *    | *  | 9:14  | 71  | 21:48 | # 7 | *  | *  | *  | *  |
| 10 | 21   | 42  | 82  | 118 | 131 | 131 | 131 | 123 | 96  | 68  | 61  | 69  | 75  | 87  | 117 | 149 | 158 | 143 | 127 | 109 | 75  | 33  | 12 | 15 | 2173 | 90.5 |   | 5: 6 | 132 | 15:46 | #158 | *  | *  | *    | *  | 9:49  | 61  | 22:16 | 11  | *  | *  | *  | *  |
| 11 | 23   | 33  | 61  | 104 | 132 | 134 | 130 | 128 | 112 | 79  | 53  | 54  | 64  | 70  | 87  | 122 | 151 | 150 | 133 | 120 | 102 | 65  | 28 | 19 | 2154 | 89.8 |   | 4:34 | 136 | 16:27 | 154  | *  | *  | *    | *  | 10:26 | 51  | 22:48 | 19  | *  | *  | *  | *  |
| 12 | 29   | 38  | 50  | 84  | 124 | 140 | 133 | 127 | 122 | 97  | 61  | 43  | 50  | 59  | 66  | 88  | 125 | 145 | 137 | 122 | 113 | 93  | 57 | 31 | 2134 | 88.9 |   | 5: 3 | 140 | 17: 9 | 146  | *  | *  | *    | *  | 11: 7 | 43  | 23:22 | 29  | *  | *  | *  | *  |
| 13 | 34   | 47  | 55  | 71  | 107 | 138 | 142 | 130 | 123 | 112 | 82  | 49  | 40  | 49  | 55  | 63  | 88  | 121 | 132 | 122 | 111 | 105 | 85 | 55 | 2116 | 88.2 |   | 5:37 | 144 | 17:53 | 133  | *  | *  | *    | *  | 11:50 | 39  | 23:59 | 42  | *  | *  | *  | *  |
| 14 | 42   | 53  | 65  | 73  | 92  | 124 | 144 | 139 | 126 | 118 | 102 | 70  | 44  | 40  | 48  | 51  | 60  | 86  | 111 | 116 | 107 | 102 | 98 | 81 | 2092 | 87.2 |   | 6:14 | 145 | 18:42 | 117  | *  | *  | *    | *  | 12:38 | 39  | *     | *   | *  | *  |    |    |
| 15 | 61   | 58  | 71  | 82  | 90  | 109 | 134 | 144 | 134 | 121 | 112 | 93  | 65  | 46  | 43  | 47  | 48  | 57  | 79  | 98  | 100 | 96  | 96 | 94 | 2078 | 86.6 | U | 6:55 | 144 | 19:39 | 101  | *  | *  | *    | *  | 0:37  | 57  | 13:38 | 43  | *  | *  | *  | *  |
| 16 | 83   | 73  | 75  | 87  | 95  | 103 | 119 | 135 | 139 | 129 | 118 | 108 | 90  | 67  | 51  | 46  | 45  | 44  | 52  | 69  | 84  | 88  | 89 | 93 | 2082 | 86.8 |   | 7:42 | 140 | 23:52 | 96   | *  | *  | *    | *  | 1:19  | 72  | 16:40 | 44  | *  | *  | *  | *  |
| 17 | 95   | 91  | 86  | 89  | 97  | 103 | 109 | 120 | 131 | 132 | 125 | 116 | 107 | 93  | 72  | 55  | 46  | 41  | 39  | 45  | 58  | 73  | 82 | 88 | 2093 | 87.2 |   | 8:38 | 133 | *     | *    | *  | *  | 2: 9 | 86 | 17:52 | 39  | *     | *   | *  | *  |    |    |
| 18 | 96   | 102 | 102 | 98  | 98  | 102 | 105 | 109 | 116 | 124 | 127 | 124 | 118 | 111 | 98  | 78  | 58  | 43  | 36  | 33  | 37  | 50  | 67 | 82 | 2114 | 88.1 |   | 1:26 | 103 | 9:57  | 127  | *  | *  | *    | *  | 3:32  | 98  | 19: 0 | 33  | *  | *  | *  | *  |
| 19 | 93   | 103 | 111 | 112 | 105 | 100 | 100 | 102 | 103 | 108 | 118 | 126 | 127 | 123 | 116 | 103 | 81  | 56  | 37  | 29  | 27  | 31  | 46 | 69 | 2126 | 88.6 |   | 2:32 | 112 | 11:40 | 127  | *  | *  | *    | *  | 5:33  | 100 | 19:56 | 27  | *  | *  | *  | *  |
| 20 | 89   | 103 | 113 | 120 | 118 | 107 | 96  | 93  | 95  | 96  | 101 | 115 | 129 | 133 | 128 | 120 | 105 | 79  | 49  | 29  | 23  | 23  | 29 | 48 | 2141 | 89.2 |   | 3:20 | 120 | 12:53 | 133  | *  | *  | *    | *  | 6:54  | 93  | 20:32 | 23  | *  | *  | *  | *  |
| 21 | 78   | 102 | 114 | 121 | 125 | 119 | 101 | 86  | 84  | 87  | 88  | 96  | 116 | 135 | 139 | 131 | 121 | 104 | 73  | 39  | 22  | 20  | 23 | 32 | 2156 | 89.8 |   | 4: 3 | 125 | 13:42 | 140  | *  | *  | *    | *  | 7:42  | 83  | 20:37 | 20  | *  | *  | *  | *  |
| 22 | 58   | 93  | 116 | 122 | 125 | 127 | 114 | 90  | 74  | 75  | 80  | 82  | 96  | 123 | 143 | 142 | 130 | 119 | 98  | 62  | 29  | 18  | 22 | 27 | 2165 | 90.2 |   | 4:42 | 127 | 14:24 | 145  | *  | *  | *    | *  | 8:22  | 73  | 21: 1 | 18  | *  | *  | *  | *  |
| 23 | 41   | 74  | 111 | 128 | 127 | 126 | 123 | 102 | 74  | 62  | 68  | 74  | 80  | 101 | 133 | 148 | 139 | 125 | 113 | 88  | 49  | 22  | 20 | 29 | 2157 | 89.9 | F | 3:19 | 128 | 15: 3 | 148  | *  | *  | *    | *  | 9: 1  | 62  | 21:32 | 18  | *  | *  | *  | *  |
| 24 | 36   | 57  | 96  | 128 | 134 | 127 | 124 | 114 | 86  | 58  | 54  | 64  | 71  | 82  | 110 | 140 | 147 | 132 | 118 | 105 | 75  | 38  | 21 | 28 | 2145 | 89.4 |   | 3:43 | 134 | 15:42 | 148  | *  | *  | *    | *  | 9:39  | 53  | 22: 5 | 21  | *  | *  | *  | *  |
| 25 | 39   | 50  | 78  | 117 | 138 | 133 | 123 | 117 | 99  | 67  | 47  | 51  | 63  | 71  | 88  | 120 | 143 | 139 | 122 | 110 | 93  | 61  | 32 | 28 | 2129 | 88.7 |   | 4:14 | 139 | 16:20 | 144  | *  | *  | *    | *  | 10:17 | 46  | 22:39 | 27  | *  | *  | *  | *  |
| 26 | 41   | 52  | 68  | 100 | 133 | 141 | 129 | 117 | 106 | 81  | 52  | 41  | 51  | 63  | 74  | 96  | 125 | 138 | 127 | 112 | 101 | 81  | 52 | 35 | 2116 | 88.2 |   | 4:47 | 141 | 16:58 | 138  | *  | *  | *    | *  | 10:54 | 41  | 23:12 | 35  | *  | *  | *  | *  |
| 27 | 41   | 55  | 68  | 89  | 120 | 140 | 137 | 122 | 109 | 91  | 64  | 42  | 41  | 53  | 64  | 79  | 103 | 125 | 127 | 115 | 103 | 91  | 70 | 50 | 2099 | 87.5 |   | 5:20 | 142 | 17:36 | 129  | *  | *  | *    | *  | 11:31 | 39  | 23:43 | 44  | *  | *  | *  | *  |
| 28 | 45   | 56  | 70  | 85  | 108 | 132 | 140 | 129 | 114 | 98  | 76  | 52  | 40  | 45  | 55  | 67  | 84  | 106 | 118 | 115 | 105 | 95  | 82 | 65 | 2082 | 86.8 |   | 5:52 | 140 | 18:14 | 118  | *  | *  | *    | *  | 12: 9 | 40  | *     | *   | *  | *  |    |    |
| 29 | 55   | 59  | 71  | 84  | 100 | 121 | 135 | 134 | 121 | 105 | 86  | 64  | 47  | 43  | 48  | 57  | 69  | 86  | 102 | 107 | 103 | 97  | 89 | 78 | 2061 | 85.9 |   | 6:23 | 137 | 18:57 | 107  | *  | *  | *    | *  | 0:12  | 55  | 12:49 | 42  | *  | *  | *  | *  |

| 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 |
| 696      | 61572        | 88.5          | 10日 15時 46分 | 158 | 1  | 9日 21時 48分 | 7  | 2  |

# 推算潮位（毎時・満干潮）

地点名：森

緯度：42 ° 7 N

経度：140 ° 36 E

潮位表基準面の零点：平均海面下 92.0(cm)

2016 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  | 68   | 67  | 74  | 84  | 96  | 112 | 127 | 132 | 125 | 112 | 96  | 77  | 58  | 48  | 46  | 50  | 57  | 69  | 83  | 94  | 97  | 95  | 92  | 87 | 2046 | 85.3 |   | 6:54 | 132  | 19:55 | 97  | *     | *  | *    | *  | 0:38  | 66 | 13:37 | 46  | *    | *  | *     | *  |   |   |
| 2  | 81   | 77  | 80  | 86  | 94  | 105 | 117 | 126 | 126 | 118 | 105 | 90  | 73  | 58  | 50  | 48  | 50  | 55  | 65  | 76  | 85  | 88  | 91  | 92 | 2036 | 84.8 | L | 7:28 | 127  | 23:3  | 92  | *     | *  | *    | *  | 1:3   | 77 | 15:3  | 48  | *    | *  | *     | *  |   |   |
| 3  | 91   | 89  | 88  | 91  | 95  | 100 | 108 | 117 | 122 | 120 | 112 | 102 | 89  | 74  | 61  | 52  | 47  | 45  | 49  | 57  | 68  | 77  | 84  | 91 | 2029 | 84.5 |   | 8:13 | 122  | *     | *   | *     | *  | 1:32 | 88 | 16:53 | 45 | *     | *   | *    | *  |       |    |   |   |
| 4  | 96   | 99  | 99  | 98  | 98  | 98  | 101 | 106 | 112 | 116 | 116 | 112 | 104 | 93  | 78  | 63  | 51  | 42  | 38  | 40  | 48  | 60  | 73  | 86 | 2027 | 84.5 |   | 1:22 | 99   | 9:26  | 117 | *     | *  | *    | *  | 3:46  | 98 | 18:12 | 38  | *    | *  | *     | *  |   |   |
| 5  | 97   | 105 | 108 | 107 | 103 | 99  | 96  | 97  | 100 | 107 | 113 | 117 | 116 | 110 | 99  | 83  | 64  | 46  | 34  | 29  | 31  | 40  | 56  | 75 | 2032 | 84.7 |   | 2:11 | 109  | 11:20 | 117 | *     | *  | *    | *  | 6:21  | 96 | 19:12 | 29  | *    | *  | *     | *  |   |   |
| 6  | 93   | 106 | 115 | 117 | 111 | 102 | 93  | 88  | 89  | 93  | 102 | 114 | 123 | 125 | 118 | 105 | 85  | 61  | 39  | 24  | 21  | 25  | 37  | 58 | 2044 | 85.2 |   | 2:46 | 117  | 12:41 | 125 | *     | *  | *    | *  | 7:23  | 88 | 19:57 | 21  | *    | *  | *     | *  |   |   |
| 7  | 83   | 104 | 117 | 122 | 121 | 110 | 94  | 81  | 77  | 80  | 86  | 100 | 119 | 133 | 134 | 125 | 109 | 86  | 56  | 29  | 17  | 17  | 23  | 39 | 2062 | 85.9 |   | 3:20 | 123  | 13:33 | 135 | *     | *  | *    | *  | 7:58  | 77 | 20:28 | 16  | *    | *  | *     | *  |   |   |
| 8  | 67   | 98  | 118 | 125 | 126 | 120 | 102 | 78  | 65  | 66  | 70  | 80  | 101 | 128 | 144 | 140 | 128 | 111 | 84  | 48  | 22  | 15  | 20  | 28 | 2084 | 86.8 |   | 3:49 | 126  | 14:16 | 144 | *     | *  | *    | *  | 8:26  | 64 | 20:53 | #15 | *    | *  | *     | *  |   |   |
| 9  | 48   | 84  | 116 | 128 | 128 | 126 | 114 | 87  | 59  | 50  | 55  | 62  | 75  | 106 | 139 | 150 | 141 | 128 | 111 | 78  | 39  | 19  | 21  | 28 | 2092 | 87.2 | N | 3:22 | 129  | 14:56 | 150 | *     | *  | *    | *  | 8:56  | 50 | 21:19 | 18  | *    | *  | *     | *  |   |   |
| 10 | 37   | 65  | 106 | 132 | 134 | 128 | 123 | 103 | 66  | 39  | 38  | 47  | 54  | 74  | 113 | 146 | 149 | 136 | 125 | 108 | 70  | 33  | 24  | 34 | 2084 | 86.8 |   | 3:31 | 135  | 15:35 | 151 | *     | *  | *    | *  | 9:31  | 36 | 21:49 | 23  | *    | *  | *     | *  |   |   |
| 11 | 41   | 53  | 87  | 128 | 143 | 133 | 125 | 116 | 86  | 45  | 25  | 32  | 41  | 49  | 77  | 120 | 146 | 141 | 128 | 121 | 101 | 62  | 34  | 37 | 2071 | 86.3 |   | 3:58 | 143  | 16:15 | 147 | *     | *  | *    | *  | 10:8  | 25 | 22:21 | 32  | *    | *  | *     | *  |   |   |
| 12 | 50   | 56  | 73  | 112 | 144 | 145 | 129 | 120 | 105 | 68  | 28  | 18  | 30  | 37  | 48  | 82  | 124 | 139 | 128 | 120 | 115 | 92  | 56  | 42 | 2061 | 85.9 |   | 4:30 | 149  | 16:56 | 139 | *     | *  | *    | *  | 10:48 | 18 | 22:56 | 42  | *    | *  | *     | *  |   |   |
| 13 | 54   | 67  | 73  | 95  | 132 | 152 | 141 | 123 | 113 | 92  | 51  | 20  | 20  | 31  | 36  | 50  | 86  | 120 | 125 | 115 | 112 | 107 | 84  | 58 | 2057 | 85.7 |   | 5:5  | #152 | 17:39 | 127 | *     | *  | *    | *  | 11:30 | 17 | 23:33 | 53  | *    | *  | *     | *  |   |   |
| 14 | 56   | 72  | 82  | 90  | 113 | 143 | 150 | 133 | 117 | 105 | 80  | 42  | 22  | 25  | 33  | 37  | 54  | 87  | 110 | 110 | 103 | 104 | 100 | 80 | 2048 | 85.3 |   | 5:43 | #152 | 18:26 | 113 | *     | *  | *    | *  | 12:15 | 21 | *     | *   | *    | *  |       |    |   |   |
| 15 | 66   | 72  | 87  | 94  | 103 | 125 | 145 | 142 | 125 | 111 | 98  | 72  | 42  | 29  | 33  | 36  | 39  | 56  | 83  | 98  | 97  | 96  | 99  | 96 | 2044 | 85.2 |   | 6:23 | 147  | 19:21 | 99  | 22:14 | 99 | *    | *  | *     | *  | 0:11  | 65  | 13:9 | 29 | 20:44 | 95 | * | * |
| 16 | 83   | 77  | 86  | 97  | 102 | 110 | 127 | 137 | 131 | 117 | 106 | 93  | 71  | 49  | 39  | 39  | 39  | 41  | 56  | 75  | 87  | 89  | 92  | 97 | 2040 | 85.0 | U | 7:8  | 138  | 23:29 | 98  | *     | *  | *    | *  | 0:53  | 77 | 15:17 | 38  | *    | *  | *     | *  |   |   |
| 17 | 97   | 91  | 89  | 95  | 101 | 104 | 110 | 120 | 126 | 121 | 111 | 103 | 93  | 77  | 59  | 47  | 42  | 40  | 41  | 52  | 67  | 79  | 86  | 93 | 2044 | 85.2 |   | 8:1  | 126  | *     | *   | *     | *  | 1:44 | 88 | 17:17 | 39 | *     | *   | *    | *  |       |    |   |   |
| 18 | 100  | 103 | 100 | 97  | 97  | 99  | 100 | 103 | 110 | 115 | 114 | 110 | 105 | 98  | 85  | 67  | 52  | 43  | 38  | 39  | 48  | 62  | 78  | 89 | 2052 | 85.5 |   | 0:53 | 103  | 9:23  | 115 | *     | *  | *    | *  | 3:16  | 96 | 18:24 | 38  | *    | *  | *     | *  |   |   |
| 19 | 99   | 107 | 110 | 106 | 99  | 94  | 92  | 91  | 93  | 98  | 107 | 112 | 113 | 110 | 104 | 92  | 71  | 52  | 40  | 35  | 37  | 45  | 62  | 83 | 2052 | 85.5 |   | 1:57 | 110  | 11:36 | 113 | *     | *  | *    | *  | 7:7   | 91 | 19:18 | 35  | *    | *  | *     | *  |   |   |
| 20 | 98   | 108 | 115 | 116 | 108 | 95  | 84  | 81  | 80  | 82  | 89  | 104 | 116 | 119 | 116 | 110 | 95  | 71  | 47  | 35  | 33  | 36  | 46  | 68 | 2052 | 85.5 |   | 2:43 | 117  | 12:54 | 119 | *     | *  | *    | *  | 8:9   | 80 | 19:47 | 33  | *    | *  | *     | *  |   |   |
| 21 | 94   | 110 | 117 | 120 | 118 | 104 | 84  | 71  | 69  | 70  | 73  | 85  | 107 | 123 | 125 | 120 | 112 | 95  | 65  | 40  | 31  | 34  | 38  | 52 | 2057 | 85.7 |   | 3:18 | 120  | 13:38 | 126 | *     | *  | *    | *  | 7:44  | 69 | 20:6  | 31  | *    | *  | *     | *  |   |   |
| 22 | 80   | 109 | 122 | 123 | 121 | 115 | 94  | 68  | 56  | 59  | 62  | 68  | 88  | 116 | 131 | 128 | 121 | 111 | 89  | 56  | 33  | 32  | 38  | 45 | 2065 | 86.0 |   | 2:30 | 123  | 14:16 | 132 | *     | *  | *    | *  | 8:13  | 56 | 20:34 | 30  | *    | *  | *     | *  |   |   |
| 23 | 64   | 97  | 124 | 129 | 123 | 119 | 106 | 78  | 51  | 45  | 52  | 57  | 68  | 96  | 126 | 136 | 127 | 119 | 107 | 80  | 46  | 31  | 37  | 46 | 2064 | 86.0 | F | 2:44 | 130  | 14:53 | 136 | *     | *  | *    | *  | 8:47  | 44 | 21:6  | 31  | *    | *  | *     | *  |   |   |
| 24 | 56   | 81  | 117 | 136 | 130 | 120 | 112 | 91  | 58  | 36  | 38  | 48  | 56  | 74  | 108 | 134 | 134 | 123 | 115 | 99  | 68  | 40  | 36  | 47 | 2057 | 85.7 |   | 3:12 | 136  | 15:30 | 137 | *     | *  | *    | *  | 9:22  | 35 | 21:39 | 34  | *    | *  | *     | *  |   |   |
| 25 | 56   | 71  | 102 | 133 | 140 | 126 | 114 | 100 | 72  | 39  | 27  | 36  | 47  | 59  | 85  | 119 | 135 | 129 | 118 | 109 | 88  | 58  | 40  | 46 | 2049 | 85.4 |   | 3:43 | 141  | 16:6  | 136 | *     | *  | *    | *  | 9:57  | 27 | 22:12 | 40  | *    | *  | *     | *  |   |   |
| 26 | 58   | 69  | 90  | 122 | 142 | 136 | 119 | 104 | 83  | 51  | 27  | 26  | 38  | 49  | 67  | 98  | 125 | 131 | 121 | 111 | 100 | 77  | 53  | 48 | 2045 | 85.2 |   | 4:14 | 143  | 16:43 | 131 | *     | *  | *    | *  | 10:32 | 23 | 22:43 | 47  | *    | *  | *     | *  |   |   |
| 27 | 59   | 71  | 85  | 110 | 136 | 142 | 128 | 109 | 91  | 65  | 35  | 22  | 29  | 41  | 54  | 77  | 107 | 124 | 122 | 113 | 105 | 90  | 68  | 55 | 2038 | 84.9 |   | 4:44 | 143  | 17:19 | 125 | *     | *  | *    | *  | 11:5  | 22 | 23:13 | 55  | *    | *  | *     | *  |   |   |
| 28 | 60   | 72  | 83  | 101 | 125 | 141 | 135 | 117 | 99  | 77  | 49  | 27  | 24  | 34  | 45  | 62  | 87  | 110 | 117 | 112 | 106 | 98  | 82  | 67 | 2030 | 84.6 |   | 5:13 | 141  | 17:56 | 117 | *     | *  | *    | *  | 11:38 | 23 | 23:39 | 63  | *    | *  | *     | *  |   |   |
| 29 | 64   | 73  | 83  | 96  | 115 | 133 | 137 | 124 | 106 | 87  | 63  | 39  | 27  | 30  | 39  | 50  | 69  | 92  | 107 | 108 | 105 | 101 | 92  | 79 | 2019 | 84.1 |   | 5:41 | 138  | 18:37 | 109 | *     | *  | *    | *  | 12:13 | 26 | *     | *   | *    | *  |       |    |   |   |
| 30 | 72   | 76  | 85  | 93  | 106 | 122 | 133 | 128 | 113 | 97  | 77  | 54  | 36  | 31  | 36  | 43  | 54  | 72  | 90  | 99  | 100 | 99  | 97  | 90 | 2003 | 83.5 |   | 6:10 | 133  | 19:36 | 100 | *     | *  | *    | *  | 0:6   | 72 | 12:52 | 31  | *    | *  | *     | *  |   |   |
| 31 | 82   | 81  | 87  | 93  | 100 | 111 | 123 | 126 | 118 | 104 | 89  | 71  | 52  | 39  | 37  | 39  | 44  | 55  | 71  | 84  | 91  | 94  | 97  | 97 | 1985 | 82.7 |   | 6:44 | 126  | 22:31 | 98  | *     | *  | *    | *  | 0:36  | 80 | 13:48 | 37  | *    | *  | *     | *  |   |   |

| 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 | 63469 | 85.3 | 14日5時43分 | 152 | 2  | 8日20時53分 | 15 | 1  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 森

緯度: 42 ° 7 N

経度: 140 ° 36 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2016 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  | 93   | 89  | 90  | 94  | 97  | 102 | 110 | 118 | 117 | 110 | 99  | 87  | 71  | 55  | 45  | 41  | 40  | 43  | 52  | 65  | 78  | 86  | 93  | 99  | 1974 | 82.3 | L | 7:28 | 119  | *     | *   | *     | *   | *    | *  | 1:16  | 89 | 15:47 | 40  | *     | *  | *  | *  |
| 2  | 101  | 100 | 97  | 96  | 96  | 96  | 99  | 104 | 109 | 110 | 106 | 99  | 89  | 76  | 62  | 50  | 42  | 38  | 39  | 47  | 59  | 73  | 85  | 96  | 1969 | 82.0 |   | 0:2  | 101  | 8:38  | 110 | *     | *   | *    | *  | 4:24  | 96 | 17:18 | 38  | *     | *  | *  | *  |
| 3  | 104  | 108 | 107 | 102 | 96  | 91  | 89  | 90  | 95  | 101 | 106 | 108 | 105 | 97  | 85  | 69  | 53  | 40  | 34  | 35  | 42  | 55  | 73  | 90  | 1975 | 82.3 |   | 1:13 | 108  | 10:50 | 108 | *     | *   | *    | *  | 6:9   | 89 | 18:24 | 33  | *     | *  | *  | *  |
| 4  | 104  | 112 | 115 | 111 | 100 | 88  | 79  | 76  | 78  | 84  | 95  | 108 | 115 | 114 | 107 | 94  | 75  | 53  | 37  | 30  | 32  | 40  | 56  | 79  | 1982 | 82.6 |   | 1:55 | 115  | 12:23 | 116 | *     | *   | *    | *  | 7:5   | 76 | 19:12 | 30  | *     | *  | *  | *  |
| 5  | 101  | 115 | 120 | 119 | 110 | 92  | 73  | 63  | 62  | 65  | 75  | 93  | 114 | 125 | 124 | 115 | 101 | 78  | 51  | 33  | 29  | 34  | 43  | 63  | 1998 | 83.3 |   | 2:22 | 120  | 13:20 | 126 | *     | *   | *    | *  | 7:37  | 61 | 19:46 | 29  | *     | *  | *  | *  |
| 6  | 92   | 116 | 125 | 124 | 119 | 104 | 77  | 53  | 45  | 48  | 54  | 68  | 95  | 124 | 135 | 130 | 121 | 106 | 78  | 47  | 32  | 34  | 41  | 51  | 2019 | 84.1 |   | 2:17 | 125  | 14:4  | 135 | *     | *   | *    | *  | 8:4   | 45 | 20:15 | 31  | *     | *  | *  | *  |
| 7  | 76   | 111 | 131 | 131 | 124 | 115 | 92  | 57  | 32  | 29  | 36  | 44  | 65  | 102 | 133 | 139 | 131 | 124 | 108 | 75  | 44  | 36  | 45  | 52  | 2032 | 84.7 | N | 2:27 | 133  | 14:44 | 140 | *     | *   | *    | *  | 8:36  | 28 | 20:46 | 36  | *     | *  | *  | *  |
| 8  | 64   | 96  | 131 | 142 | 132 | 121 | 108 | 76  | 34  | 14  | 19  | 28  | 37  | 66  | 111 | 139 | 137 | 129 | 125 | 106 | 69  | 44  | 47  | 59  | 2034 | 84.8 |   | 2:53 | 143  | 15:23 | 141 | *     | *   | *    | *  | 9:11  | 14 | 21:19 | 42  | *     | *  | *  | *  |
| 9  | 65   | 81  | 118 | 148 | 146 | 128 | 116 | 98  | 56  | 15  | 4   | 15  | 22  | 35  | 73  | 119 | 137 | 130 | 126 | 123 | 100 | 64  | 50  | 62  | 2031 | 84.6 |   | 3:25 | 151  | 16:2  | 137 | *     | *   | *    | *  | 9:49  | 4  | 21:55 | 50  | *     | *  | *  | *  |
| 10 | 74   | 78  | 100 | 138 | 157 | 143 | 122 | 110 | 84  | 38  | 4   | 3   | 15  | 20  | 38  | 82  | 122 | 129 | 121 | 121 | 118 | 91  | 62  | 61  | 2031 | 84.6 |   | 4:0  | 157  | 16:43 | 130 | *     | *   | *    | *  | 10:29 | #0 | 22:31 | 58  | *     | *  | *  | *  |
| 11 | 78   | 86  | 92  | 118 | 151 | 156 | 134 | 116 | 102 | 70  | 26  | 3   | 9   | 18  | 23  | 47  | 89  | 118 | 118 | 112 | 116 | 110 | 85  | 66  | 2043 | 85.1 |   | 4:37 | #158 | 17:26 | 121 | 20:13 | 117 | *    | *  | 11:11 | 3  | 18:59 | 112 | 23:10 | 66 | *  | *  |
| 12 | 74   | 90  | 95  | 104 | 131 | 153 | 147 | 124 | 109 | 93  | 59  | 23  | 10  | 18  | 23  | 30  | 56  | 92  | 110 | 107 | 106 | 111 | 103 | 82  | 2050 | 85.4 |   | 5:16 | 155  | 18:13 | 110 | 21:4  | 111 | *    | *  | 11:56 | 10 | 19:35 | 105 | 23:51 | 74 | *  | *  |
| 13 | 74   | 86  | 97  | 101 | 112 | 134 | 146 | 134 | 115 | 102 | 85  | 54  | 28  | 22  | 27  | 30  | 38  | 63  | 90  | 101 | 100 | 102 | 106 | 99  | 2046 | 85.3 |   | 5:58 | 146  | 21:57 | 106 | *     | *   | *    | *  | 12:47 | 22 | *     | *   | *     | *  | *  | *  |
| 14 | 85   | 83  | 93  | 100 | 103 | 113 | 129 | 133 | 121 | 107 | 96  | 81  | 57  | 39  | 34  | 36  | 37  | 46  | 66  | 86  | 94  | 97  | 101 | 104 | 2041 | 85.0 | U | 6:43 | 133  | 22:57 | 104 | *     | *   | *    | *  | 0:37  | 82 | 13:55 | 34  | *     | *  | *  | *  |
| 15 | 99   | 91  | 90  | 95  | 98  | 100 | 107 | 116 | 118 | 110 | 101 | 93  | 82  | 65  | 50  | 43  | 42  | 43  | 50  | 65  | 82  | 92  | 97  | 103 | 2032 | 84.7 |   | 7:38 | 119  | *     | *   | *     | *   | 1:36 | 89 | 16:19 | 42 | *     | *   | *     | *  |    |    |
| 16 | 106  | 103 | 96  | 92  | 92  | 92  | 92  | 96  | 102 | 106 | 103 | 99  | 95  | 87  | 74  | 59  | 49  | 45  | 46  | 52  | 65  | 81  | 94  | 102 | 2028 | 84.5 |   | 0:5  | 106  | 9:3   | 106 | *     | *   | *    | *  | 4:34  | 91 | 17:27 | 45  | *     | *  | *  | *  |
| 17 | 108  | 111 | 108 | 98  | 89  | 84  | 81  | 80  | 83  | 90  | 98  | 102 | 102 | 100 | 94  | 81  | 64  | 51  | 46  | 47  | 53  | 66  | 84  | 101 | 2021 | 84.2 |   | 1:5  | 111  | 11:26 | 102 | *     | *   | *    | *  | 6:57  | 80 | 18:19 | 46  | *     | *  | *  | *  |
| 18 | 110  | 114 | 115 | 109 | 95  | 80  | 71  | 68  | 68  | 71  | 82  | 97  | 106 | 108 | 106 | 100 | 86  | 65  | 50  | 46  | 49  | 55  | 70  | 92  | 2013 | 83.9 |   | 1:45 | 115  | 12:57 | 108 | *     | *   | *    | *  | 7:48  | 68 | 18:56 | 46  | *     | *  | *  | *  |
| 19 | 111  | 119 | 119 | 116 | 106 | 87  | 66  | 57  | 56  | 57  | 64  | 81  | 101 | 113 | 114 | 111 | 104 | 86  | 62  | 47  | 47  | 52  | 61  | 79  | 2016 | 84.0 |   | 1:34 | 119  | 13:36 | 114 | *     | *   | *    | *  | 7:41  | 56 | 19:30 | 46  | *     | *  | *  | *  |
| 20 | 104  | 123 | 126 | 121 | 114 | 98  | 72  | 50  | 43  | 46  | 50  | 61  | 85  | 110 | 120 | 118 | 114 | 105 | 83  | 57  | 46  | 51  | 59  | 69  | 2025 | 84.4 |   | 1:41 | 126  | 14:10 | 121 | *     | *   | *    | *  | 8:0   | 43 | 20:4  | 46  | *     | *  | *  | *  |
| 21 | 91   | 119 | 133 | 128 | 118 | 107 | 85  | 54  | 34  | 33  | 40  | 47  | 65  | 96  | 120 | 125 | 120 | 115 | 102 | 76  | 53  | 50  | 58  | 67  | 2036 | 84.8 |   | 2:9  | 133  | 14:45 | 125 | *     | *   | *    | *  | 8:30  | 32 | 20:39 | 48  | *     | *  | *  | *  |
| 22 | 81   | 108 | 133 | 138 | 125 | 112 | 95  | 66  | 35  | 22  | 28  | 37  | 49  | 75  | 109 | 127 | 126 | 120 | 114 | 96  | 68  | 52  | 57  | 68  | 2041 | 85.0 | F | 2:40 | 139  | 15:20 | 128 | *     | *   | *    | *  | 9:4   | 22 | 21:12 | 52  | *     | *  | *  | *  |
| 23 | 77   | 96  | 125 | 143 | 136 | 118 | 102 | 79  | 46  | 20  | 17  | 27  | 38  | 56  | 89  | 119 | 129 | 123 | 118 | 109 | 86  | 63  | 57  | 67  | 2040 | 85.0 |   | 3:11 | 143  | 15:56 | 129 | *     | *   | *    | *  | 9:37  | 16 | 21:45 | 57  | *     | *  | *  | *  |
| 24 | 77   | 90  | 114 | 139 | 144 | 128 | 109 | 90  | 61  | 28  | 13  | 18  | 29  | 43  | 69  | 103 | 124 | 125 | 120 | 115 | 101 | 78  | 63  | 66  | 2047 | 85.3 |   | 3:41 | 145  | 16:32 | 127 | *     | *   | *    | *  | 10:10 | 13 | 22:16 | 62  | *     | *  | *  | *  |
| 25 | 77   | 87  | 104 | 129 | 145 | 138 | 118 | 99  | 74  | 42  | 17  | 13  | 22  | 34  | 52  | 82  | 112 | 123 | 120 | 116 | 109 | 92  | 73  | 68  | 2046 | 85.3 |   | 4:10 | 145  | 17:8  | 123 | *     | *   | *    | *  | 10:42 | 12 | 22:45 | 68  | *     | *  | *  | *  |
| 26 | 77   | 86  | 98  | 118 | 139 | 142 | 127 | 107 | 87  | 59  | 29  | 14  | 18  | 28  | 40  | 63  | 94  | 114 | 117 | 115 | 112 | 103 | 85  | 74  | 2046 | 85.3 |   | 4:39 | 144  | 17:45 | 117 | *     | *   | *    | *  | 11:14 | 14 | 23:13 | 73  | *     | *  | *  | *  |
| 27 | 77   | 86  | 94  | 108 | 128 | 140 | 133 | 115 | 97  | 74  | 45  | 23  | 18  | 24  | 33  | 48  | 74  | 99  | 111 | 111 | 111 | 108 | 97  | 83  | 2037 | 84.9 |   | 5:8  | 140  | 19:14 | 112 | *     | *   | *    | *  | 11:47 | 17 | 23:44 | 79  | *     | *  | *  | *  |
| 28 | 80   | 86  | 93  | 100 | 115 | 131 | 134 | 122 | 105 | 87  | 64  | 38  | 24  | 24  | 31  | 39  | 55  | 79  | 99  | 105 | 107 | 108 | 105 | 94  | 2025 | 84.4 |   | 5:40 | 135  | 21:6  | 108 | *     | *   | *    | *  | 12:25 | 23 | *     | *   | *     | *  | *  | *  |
| 29 | 86   | 87  | 93  | 97  | 104 | 117 | 127 | 124 | 111 | 97  | 80  | 59  | 39  | 30  | 31  | 36  | 44  | 60  | 80  | 95  | 101 | 104 | 107 | 104 | 2013 | 83.9 |   | 6:18 | 127  | 22:4  | 107 | *     | *   | *    | *  | 0:22  | 85 | 13:15 | 30  | *     | *  | *  | *  |
| 30 | 96   | 91  | 92  | 94  | 96  | 102 | 112 | 118 | 114 | 104 | 92  | 78  | 60  | 45  | 38  | 37  | 40  | 47  | 61  | 79  | 92  | 99  | 105 | 108 | 2000 | 83.3 | L | 7:6  | 118  | 23:6  | 108 | *     | *   | *    | *  | 1:15  | 90 | 14:36 | 37  | *     | *  | *  | *  |

| 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 | 60691 | 84.3 | 11日4時37分 | 158 | 1  | 10日10時29分 | 0  | 1  |

## 推算潮位（毎時・満干潮）

地点名：森

緯度：42°7' N

経度：140°36' E

潮位表基準面の零点：平均海面下 92.0(cm)

2016 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  | 106  | 99  | 94  | 92  | 90  | 91  | 95  | 102 | 108 | 107 | 101 | 93  | 82  | 68  | 54  | 45  | 41  | 42  | 48  | 61  | 77  | 91  | 102 | 109 | 1998 | 83.3 |   | 8:21  | 108  | *     | *   | *     | *   | *     | *  | *     | 4:26 | 90    | 16:20 | 41    | *  | *  | *  | * |
| 2  | 112  | 109 | 102 | 93  | 85  | 81  | 80  | 83  | 91  | 99  | 104 | 103 | 99  | 90  | 78  | 63  | 50  | 44  | 44  | 50  | 62  | 78  | 96  | 109 | 2005 | 83.5 |   | 0:4   | 112  | 10:27 | 104 | *     | *   | *     | *  | *     | 5:43 | 80    | 17:29 | 43    | *  | *  | *  | * |
| 3  | 115  | 116 | 112 | 101 | 85  | 72  | 65  | 65  | 69  | 79  | 93  | 105 | 110 | 108 | 101 | 89  | 71  | 54  | 46  | 47  | 53  | 65  | 84  | 105 | 2010 | 83.8 |   | 0:44  | 117  | 12:5  | 110 | *     | *   | *     | *  | *     | 6:36 | 64    | 18:20 | 45    | *  | *  | *  | * |
| 4  | 119  | 123 | 120 | 112 | 95  | 72  | 54  | 47  | 49  | 55  | 70  | 92  | 111 | 119 | 117 | 111 | 98  | 77  | 56  | 49  | 53  | 60  | 72  | 94  | 2025 | 84.4 |   | 0:59  | 123  | 13:9  | 119 | *     | *   | *     | *  | *     | 7:11 | 47    | 19:1  | 49    | *  | *  | *  | * |
| 5  | 119  | 131 | 129 | 121 | 109 | 84  | 53  | 33  | 30  | 35  | 43  | 64  | 96  | 120 | 126 | 123 | 119 | 105 | 79  | 57  | 54  | 62  | 69  | 82  | 2043 | 85.1 |   | 1:16  | 131  | 13:56 | 126 | *     | *   | *     | *  | *     | 7:41 | 30    | 19:37 | 53    | *  | *  | *  | * |
| 6  | 109  | 135 | 141 | 131 | 119 | 102 | 69  | 32  | 15  | 17  | 24  | 34  | 63  | 103 | 128 | 130 | 127 | 125 | 108 | 78  | 59  | 64  | 74  | 79  | 2066 | 86.1 |   | 1:45  | 142  | 14:36 | 131 | *     | *   | *     | *  | *     | 8:15 | 14    | 20:14 | 59    | *  | *  | *  | * |
| 7  | 95   | 127 | 150 | 146 | 129 | 115 | 93  | 51  | 13  | 2   | 10  | 16  | 31  | 69  | 112 | 131 | 129 | 129 | 127 | 106 | 75  | 64  | 76  | 85  | 2081 | 86.7 | N | 2:19  | 152  | 15:14 | 131 | *     | *   | *     | *  | *     | 8:52 | 2     | 20:51 | 64    | *  | *  | *  | * |
| 8  | 89   | 110 | 145 | 159 | 145 | 125 | 110 | 81  | 34  | 0   | -2  | 8   | 13  | 33  | 78  | 119 | 129 | 125 | 129 | 126 | 100 | 73  | 72  | 87  | 2088 | 87.0 |   | 2:56  | 160  | 15:52 | 129 | 18:25 | 130 | *     | *  | 9:32  | -4   | 17:6  | 125   | 21:30 | 69 | *  | *  |   |
| 9  | 93   | 99  | 125 | 157 | 160 | 138 | 119 | 103 | 67  | 20  | -4  | 1   | 9   | 15  | 42  | 89  | 121 | 123 | 121 | 127 | 121 | 93  | 73  | 81  | 2093 | 87.2 |   | 3:35  | #164 | 16:32 | 125 | 19:15 | 128 | *     | *  | 10:12 | #-5  | 17:45 | 120   | 22:10 | 73 | *  | *  |   |
| 10 | 96   | 99  | 108 | 138 | 161 | 153 | 129 | 113 | 94  | 55  | 14  | 0   | 9   | 14  | 23  | 55  | 98  | 119 | 117 | 118 | 124 | 113 | 87  | 77  | 2114 | 88.1 |   | 4:15  | 163  | 17:15 | 120 | 20:2  | 124 | *     | *  | 10:55 | 0    | 18:26 | 116   | 22:52 | 77 | *  | *  |   |
| 11 | 89   | 100 | 102 | 116 | 143 | 156 | 141 | 119 | 106 | 85  | 47  | 16  | 11  | 19  | 22  | 35  | 68  | 102 | 114 | 112 | 116 | 119 | 105 | 85  | 2128 | 88.7 |   | 4:56  | 156  | 18:3  | 114 | 20:47 | 119 | *     | *  | 11:40 | 10   | 19:7  | 112   | 23:37 | 81 | *  | *  |   |
| 12 | 82   | 94  | 101 | 104 | 119 | 140 | 144 | 128 | 110 | 98  | 77  | 45  | 24  | 23  | 29  | 33  | 48  | 78  | 103 | 110 | 110 | 114 | 114 | 101 | 2129 | 88.7 |   | 5:40  | 146  | 21:32 | 115 | *     | *   | 12:30 | 21 | *     | *    | *     | *     | *     | *  |    |    |   |
| 13 | 87   | 87  | 95  | 99  | 102 | 115 | 130 | 129 | 115 | 103 | 92  | 73  | 49  | 35  | 35  | 39  | 44  | 59  | 83  | 102 | 108 | 110 | 113 | 111 | 2115 | 88.1 |   | 6:27  | 131  | 22:18 | 113 | *     | *   | 0:28  | 85 | 13:27 | 34   | *     | *     | *     | *  |    |    |   |
| 14 | 100  | 89  | 88  | 92  | 94  | 97  | 106 | 115 | 114 | 105 | 97  | 89  | 75  | 57  | 47  | 45  | 48  | 54  | 67  | 87  | 102 | 109 | 111 | 113 | 2101 | 87.5 | U | 7:24  | 116  | 23:5  | 113 | *     | *   | 1:34  | 88 | 14:39 | 45   | *     | *     | *     | *  |    |    |   |
| 15 | 110  | 101 | 90  | 86  | 86  | 85  | 87  | 94  | 101 | 103 | 99  | 94  | 90  | 80  | 67  | 56  | 53  | 55  | 61  | 72  | 89  | 104 | 112 | 114 | 2089 | 87.0 |   | 8:43  | 103  | 23:43 | 115 | *     | *   | 4:21  | 85 | 16:0  | 53   | *     | *     | *     | *  |    |    |   |
| 16 | 115  | 111 | 101 | 88  | 80  | 76  | 74  | 75  | 81  | 90  | 96  | 97  | 96  | 94  | 88  | 75  | 63  | 58  | 60  | 66  | 77  | 93  | 109 | 117 | 2080 | 86.7 |   | 10:44 | 97   | 23:51 | 119 | *     | *   | 6:21  | 74 | 17:9  | 58   | *     | *     | *     | *  |    |    |   |
| 17 | 119  | 117 | 112 | 99  | 82  | 69  | 63  | 62  | 63  | 71  | 84  | 96  | 101 | 102 | 101 | 95  | 81  | 67  | 61  | 64  | 70  | 81  | 98  | 115 | 2073 | 86.4 |   | 13:18 | 102  | *     | *   | 7:9   | 62  | 18:5  | 61 | *     | *    | *     | *     |       |    |    |    |   |
| 18 | 124  | 123 | 118 | 109 | 92  | 71  | 55  | 50  | 50  | 54  | 66  | 84  | 100 | 108 | 109 | 108 | 100 | 83  | 68  | 63  | 68  | 76  | 88  | 106 | 2073 | 86.4 |   | 0:22  | 124  | 14:11 | 109 | *     | *   | 7:23  | 50 | 18:51 | 63   | *     | *     | *     | *  |    |    |   |
| 19 | 124  | 131 | 126 | 117 | 103 | 81  | 56  | 41  | 38  | 42  | 49  | 66  | 90  | 109 | 115 | 115 | 113 | 102 | 83  | 68  | 67  | 74  | 83  | 96  | 2089 | 87.0 |   | 0:58  | 131  | 14:31 | 115 | *     | *   | 7:44  | 38 | 19:33 | 66   | *     | *     | *     | *  |    |    |   |
| 20 | 117  | 134 | 136 | 125 | 112 | 93  | 66  | 40  | 28  | 30  | 37  | 48  | 72  | 100 | 118 | 121 | 120 | 115 | 101 | 80  | 68  | 72  | 81  | 90  | 2104 | 87.7 |   | 1:33  | 137  | 14:53 | 121 | *     | *   | 8:14  | 28 | 20:11 | 68   | *     | *     | *     | *  |    |    |   |
| 21 | 107  | 130 | 143 | 136 | 120 | 103 | 80  | 48  | 25  | 20  | 26  | 35  | 53  | 83  | 112 | 124 | 124 | 122 | 115 | 96  | 76  | 71  | 79  | 88  | 2116 | 88.2 |   | 2:8   | 143  | 15:25 | 125 | *     | *   | 8:47  | 19 | 20:47 | 71   | *     | *     | *     | *  |    |    |   |
| 22 | 100  | 121 | 142 | 146 | 132 | 113 | 92  | 63  | 31  | 15  | 16  | 25  | 39  | 64  | 97  | 121 | 127 | 125 | 122 | 110 | 89  | 75  | 77  | 86  | 2128 | 88.7 | F | 2:40  | 147  | 16:0  | 127 | *     | *   | 9:21  | 14 | 21:20 | 74   | *     | *     | *     | *  |    |    |   |
| 23 | 95   | 111 | 134 | 149 | 143 | 124 | 103 | 78  | 45  | 18  | 11  | 18  | 28  | 47  | 78  | 110 | 125 | 126 | 125 | 120 | 103 | 84  | 78  | 84  | 2137 | 89.0 |   | 3:12  | 150  | 16:37 | 126 | *     | *   | 9:53  | 11 | 21:52 | 78   | *     | *     | *     | *  |    |    |   |
| 24 | 93   | 103 | 123 | 145 | 149 | 135 | 114 | 92  | 63  | 30  | 12  | 13  | 21  | 34  | 59  | 92  | 117 | 124 | 124 | 124 | 115 | 95  | 82  | 83  | 2142 | 89.3 |   | 3:42  | 150  | 17:52 | 125 | *     | *   | 10:24 | 10 | 22:22 | 81   | *     | *     | *     | *  |    |    |   |
| 25 | 91   | 98  | 112 | 134 | 149 | 143 | 124 | 104 | 80  | 48  | 20  | 12  | 18  | 27  | 43  | 72  | 103 | 119 | 122 | 123 | 121 | 108 | 90  | 83  | 2144 | 89.3 |   | 4:13  | 149  | 19:20 | 123 | *     | *   | 10:56 | 12 | 22:54 | 83   | *     | *     | *     | *  |    |    |   |
| 26 | 89   | 96  | 103 | 120 | 140 | 146 | 132 | 114 | 95  | 68  | 37  | 18  | 17  | 25  | 34  | 53  | 84  | 109 | 118 | 119 | 121 | 117 | 101 | 87  | 2143 | 89.3 |   | 4:46  | 146  | 20:6  | 121 | *     | *   | 11:30 | 15 | 23:31 | 85   | *     | *     | *     | *  |    |    |   |
| 27 | 87   | 93  | 98  | 106 | 124 | 139 | 137 | 121 | 104 | 86  | 59  | 32  | 21  | 25  | 32  | 42  | 64  | 92  | 110 | 115 | 117 | 119 | 112 | 97  | 2132 | 88.8 |   | 5:23  | 141  | 20:51 | 119 | *     | *   | 12:8  | 21 | *     | *    | *     | *     | *     | *  |    |    |   |
| 28 | 87   | 90  | 95  | 98  | 107 | 123 | 132 | 126 | 112 | 97  | 79  | 55  | 35  | 29  | 33  | 40  | 51  | 73  | 96  | 110 | 114 | 117 | 117 | 109 | 2125 | 88.5 |   | 6:5   | 132  | 21:35 | 118 | *     | *   | 0:15  | 87 | 12:54 | 29   | *     | *     | *     | *  |    |    |   |
| 29 | 95   | 88  | 89  | 92  | 94  | 103 | 116 | 122 | 116 | 105 | 94  | 78  | 58  | 43  | 39  | 42  | 48  | 59  | 79  | 99  | 111 | 115 | 118 | 116 | 2119 | 88.3 | L | 6:58  | 122  | 22:16 | 118 | *     | *   | 1:15  | 88 | 13:53 | 39   | *     | *     | *     | *  |    |    |   |
| 30 | 107  | 95  | 87  | 84  | 84  | 86  | 94  | 105 | 111 | 109 | 102 | 94  | 82  | 66  | 54  | 49  | 50  | 56  | 67  | 84  | 102 | 113 | 119 | 120 | 2120 | 88.3 |   | 8:12  | 111  | 22:48 | 120 | *     | *   | 3:59  | 84 | 15:11 | 49   | *     | *     | *     | *  |    |    |   |
| 31 | 116  | 106 | 93  | 81  | 74  | 72  | 73  | 81  | 92  | 102 | 105 | 103 | 99  | 90  | 78  | 65  | 58  | 59  | 64  | 74  | 89  | 107 | 119 | 124 | 2124 | 88.5 |   | 10:3  | 105  | 23:14 | 124 | *     | *   | 5:11  | 72 | 16:27 | 58   | *     | *     | *     | *  |    |    |   |

| 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      | 64934        | 87.3          | 9日3時35分 | 164 | 1  | 9日10時12分 | -5 | 1  |

# 推算潮位（毎時・満干潮）

地点名：森

緯度：42 ° 7 N

経度：140 ° 36 E

潮位表基準面の零点：平均海面下 92.0(cm)

2016 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 | 時刻 |
| 1  | 123  | 117 | 105 | 88  | 70  | 60  | 56  | 58  | 66  | 81  | 97  | 106 | 108 | 107 | 101 | 90  | 75  | 66  | 66  | 72  | 81  | 96  | 114 | 128 | 2131 | 88.8 |   | 11:55 | 108  | 23:49 | 131 | *     | *   | *     | *  | 6: 6  | 56 | 17:27 | 65  | *     | *  | *  | *  |    |
| 2  | 131  | 127 | 118 | 103 | 79  | 55  | 42  | 40  | 43  | 53  | 72  | 95  | 110 | 115 | 115 | 112 | 100 | 83  | 72  | 74  | 81  | 89  | 104 | 124 | 2137 | 89.0 |   | 13:45 | 115  | *     | *   | *     | *   | 6:48  | 40 | 18:18 | 72 | *     | *   | *     | *  |    |    |    |
| 3  | 139  | 139 | 130 | 118 | 98  | 67  | 38  | 25  | 26  | 30  | 43  | 69  | 99  | 117 | 121 | 123 | 121 | 107 | 86  | 77  | 82  | 90  | 97  | 112 | 2154 | 89.8 |   | 0:29  | 141  | 15:20 | 123 | *     | *   | *     | *  | 7:24  | 25 | 19: 3 | 77  | *     | *  | *  | *  |    |
| 4  | 136  | 150 | 144 | 130 | 116 | 90  | 53  | 22  | 12  | 16  | 21  | 37  | 70  | 106 | 123 | 126 | 129 | 128 | 110 | 87  | 81  | 91  | 98  | 103 | 2179 | 90.8 |   | 1:10  | 150  | 16:27 | 130 | *     | *   | *     | *  | 8: 1  | 12 | 19:46 | 81  | *     | *  | *  | *  |    |
| 5  | 123  | 149 | 159 | 146 | 129 | 112 | 81  | 38  | 8   | 5   | 10  | 16  | 37  | 78  | 114 | 126 | 127 | 133 | 130 | 108 | 86  | 86  | 98  | 103 | 2202 | 91.8 | N | 1:52  | 159  | 17:23 | 134 | *     | *   | *     | *  | 8:39  | 4  | 20:28 | 83  | *     | *  | *  | *  |    |
| 6  | 109  | 134 | 161 | 163 | 143 | 125 | 107 | 71  | 25  | 1   | 4   | 10  | 16  | 43  | 89  | 121 | 127 | 128 | 135 | 128 | 102 | 84  | 91  | 103 | 2220 | 92.5 |   | 2:34  | 166  | 18:14 | 135 | *     | *   | *     | *  | 9:19  | #0 | 21:11 | 84  | *     | *  | *  | *  |    |
| 7  | 105  | 115 | 144 | 167 | 160 | 137 | 121 | 100 | 59  | 16  | 2   | 8   | 13  | 22  | 56  | 101 | 125 | 125 | 128 | 134 | 122 | 95  | 84  | 95  | 2234 | 93.1 |   | 3:16  | #168 | 19: 1 | 134 | *     | *   | *     | *  | 10: 0 | 2  | 21:55 | 83  | *     | *  | *  | *  |    |
| 8  | 105  | 106 | 121 | 151 | 166 | 151 | 129 | 115 | 91  | 49  | 14  | 8   | 16  | 20  | 34  | 72  | 112 | 125 | 123 | 128 | 131 | 113 | 89  | 84  | 2253 | 93.9 |   | 3:58  | 166  | 17: 5 | 126 | 19:44 | 131 | *     | *  | 10:42 | 7  | 18: 5 | 123 | 22:40 | 83 | *  | *  |    |
| 9  | 97   | 103 | 106 | 125 | 152 | 158 | 139 | 121 | 107 | 81  | 42  | 18  | 18  | 26  | 31  | 50  | 88  | 118 | 125 | 122 | 127 | 124 | 105 | 85  | 2268 | 94.5 |   | 4:42  | 159  | 17:49 | 125 | 20:24 | 128 | *     | *  | 11:25 | 15 | 18:55 | 122 | 23:27 | 83 | *  | *  |    |
| 10 | 86   | 96  | 101 | 106 | 125 | 146 | 144 | 126 | 112 | 99  | 73  | 41  | 26  | 30  | 37  | 45  | 67  | 100 | 121 | 124 | 122 | 124 | 117 | 98  | 2266 | 94.4 |   | 5:26  | 148  | 18:38 | 124 | 21: 0 | 124 | *     | *  | 12:10 | 26 | 19:50 | 122 | *     | *  | *  | *  |    |
| 11 | 84   | 86  | 94  | 97  | 104 | 121 | 134 | 129 | 115 | 103 | 91  | 69  | 46  | 38  | 43  | 50  | 60  | 81  | 108 | 123 | 124 | 122 | 121 | 111 | 2254 | 93.9 |   | 6:14  | 135  | 19:32 | 124 | *     | *   | 0:19  | 83 | 12:58 | 38 | *     | *   | *     | *  |    |    |    |
| 12 | 94   | 84  | 85  | 89  | 92  | 98  | 112 | 120 | 115 | 105 | 97  | 87  | 70  | 54  | 50  | 55  | 62  | 73  | 92  | 113 | 124 | 124 | 121 | 117 | 2233 | 93.0 | U | 7: 8  | 120  | 20:29 | 125 | *     | *   | 1:19  | 83 | 13:51 | 50 | *     | *   | *     | *  |    |    |    |
| 13 | 107  | 93  | 83  | 81  | 83  | 84  | 90  | 100 | 107 | 105 | 99  | 94  | 87  | 76  | 65  | 61  | 65  | 72  | 83  | 99  | 116 | 125 | 125 | 121 | 2221 | 92.5 |   | 8:15  | 107  | 21:26 | 126 | *     | *   | 2:42  | 81 | 14:53 | 61 | *     | *   | *     | *  |    |    |    |
| 14 | 115  | 105 | 91  | 79  | 75  | 74  | 75  | 79  | 89  | 97  | 99  | 97  | 96  | 92  | 84  | 75  | 71  | 74  | 80  | 90  | 104 | 119 | 127 | 126 | 2213 | 92.2 |   | 9:50  | 99   | 22:24 | 128 | *     | *   | 5:11  | 74 | 16: 2 | 71 | *     | *   | *     | *  |    |    |    |
| 15 | 122  | 114 | 103 | 87  | 73  | 65  | 63  | 64  | 69  | 80  | 91  | 98  | 100 | 101 | 100 | 93  | 83  | 78  | 80  | 86  | 96  | 109 | 123 | 130 | 2208 | 92.0 |   | 13:12 | 102  | 23:20 | 131 | *     | *   | 6:13  | 63 | 17:11 | 78 | *     | *   | *     | *  |    |    |    |
| 16 | 129  | 123 | 113 | 99  | 80  | 62  | 53  | 51  | 54  | 62  | 76  | 91  | 102 | 107 | 109 | 108 | 100 | 88  | 82  | 84  | 91  | 101 | 114 | 128 | 2207 | 92.0 |   | 14:14 | 110  | *     | *   | 6:51  | 51  | 18:11 | 82 | *     | *  | *     | *   |       |    |    |    |    |
| 17 | 135  | 132 | 123 | 110 | 92  | 69  | 50  | 41  | 41  | 47  | 58  | 77  | 97  | 110 | 115 | 117 | 114 | 103 | 90  | 85  | 88  | 96  | 106 | 120 | 2216 | 92.3 |   | 0:12  | 135  | 14:58 | 117 | *     | *   | 7:25  | 40 | 19: 2 | 85 | *     | *   | *     | *  |    |    |    |
| 18 | 135  | 141 | 134 | 121 | 104 | 81  | 55  | 36  | 31  | 34  | 43  | 59  | 83  | 106 | 119 | 123 | 123 | 117 | 103 | 90  | 87  | 93  | 101 | 112 | 2231 | 93.0 |   | 0:57  | 141  | 15:34 | 123 | *     | *   | 8: 0  | 31 | 19:46 | 86 | *     | *   | *     | *  |    |    |    |
| 19 | 129  | 143 | 145 | 134 | 116 | 95  | 68  | 41  | 25  | 24  | 30  | 43  | 66  | 94  | 116 | 126 | 128 | 126 | 116 | 100 | 89  | 90  | 97  | 106 | 2247 | 93.6 |   | 1:37  | 146  | 16: 8 | 128 | *     | *   | 8:35  | 23 | 20:25 | 88 | *     | *   | *     | *  |    |    |    |
| 20 | 120  | 139 | 151 | 146 | 130 | 109 | 84  | 53  | 27  | 18  | 21  | 30  | 48  | 77  | 107 | 125 | 130 | 131 | 127 | 112 | 95  | 89  | 93  | 100 | 2262 | 94.3 | F | 2:13  | 151  | 16:48 | 131 | *     | *   | 9: 9  | 17 | 21: 1 | 89 | *     | *   | *     | *  |    |    |    |
| 21 | 111  | 129 | 149 | 155 | 143 | 123 | 100 | 71  | 38  | 18  | 15  | 21  | 33  | 57  | 91  | 118 | 129 | 132 | 132 | 124 | 106 | 91  | 90  | 96  | 2272 | 94.7 |   | 2:47  | 155  | 17:35 | 133 | *     | *   | 9:41  | 14 | 21:33 | 89 | *     | *   | *     | *  |    |    |    |
| 22 | 104  | 117 | 140 | 156 | 153 | 136 | 115 | 90  | 56  | 26  | 14  | 17  | 25  | 41  | 71  | 105 | 125 | 130 | 133 | 131 | 118 | 98  | 88  | 92  | 2281 | 95.0 |   | 3:20  | 157  | 18:23 | 133 | *     | *   | 10:12 | 14 | 22: 6 | 88 | *     | *   | *     | *  |    |    |    |
| 23 | 99   | 106 | 124 | 148 | 157 | 146 | 127 | 107 | 78  | 43  | 19  | 15  | 22  | 31  | 52  | 86  | 116 | 128 | 130 | 132 | 127 | 109 | 90  | 87  | 2279 | 95.0 |   | 3:55  | 157  | 19: 7 | 132 | *     | *   | 10:42 | 15 | 22:41 | 87 | *     | *   | *     | *  |    |    |    |
| 24 | 94   | 99  | 109 | 131 | 151 | 152 | 136 | 118 | 98  | 67  | 35  | 19  | 22  | 29  | 40  | 66  | 100 | 123 | 128 | 129 | 131 | 121 | 100 | 85  | 2283 | 95.1 |   | 4:32  | 155  | 19:48 | 131 | *     | *   | 11:14 | 19 | 23:20 | 85 | *     | *   | *     | *  |    |    |    |
| 25 | 87   | 94  | 99  | 111 | 133 | 148 | 142 | 125 | 110 | 90  | 59  | 32  | 25  | 32  | 39  | 53  | 80  | 111 | 126 | 128 | 128 | 127 | 113 | 92  | 2284 | 95.2 |   | 5:12  | 149  | 20:25 | 129 | *     | *   | 11:51 | 25 | *     | *  | *     | *   | *     | *  |    |    |    |
| 26 | 82   | 86  | 91  | 96  | 110 | 131 | 140 | 131 | 116 | 103 | 83  | 56  | 37  | 36  | 44  | 51  | 67  | 94  | 118 | 128 | 127 | 127 | 122 | 106 | 2282 | 95.1 |   | 5:57  | 140  | 20: 2 | 128 | *     | *   | 0: 5  | 82 | 12:32 | 35 | *     | *   | *     | *  |    |    |    |
| 27 | 87   | 80  | 83  | 86  | 90  | 105 | 123 | 128 | 120 | 110 | 99  | 82  | 60  | 47  | 49  | 56  | 64  | 80  | 104 | 123 | 129 | 128 | 126 | 117 | 2276 | 94.8 |   | 6:50  | 129  | 20: 4 | 129 | *     | *   | 1: 0  | 80 | 13:18 | 47 | *     | *   | *     | *  |    |    |    |
| 28 | 100  | 83  | 76  | 76  | 77  | 82  | 96  | 111 | 116 | 112 | 106 | 98  | 85  | 69  | 61  | 63  | 69  | 77  | 92  | 112 | 128 | 132 | 129 | 125 | 2275 | 94.8 | L | 7:56  | 116  | 20:57 | 132 | *     | *   | 2:20  | 76 | 14:13 | 61 | *     | *   | *     | *  |    |    |    |
| 29 | 114  | 97  | 79  | 69  | 66  | 66  | 70  | 83  | 98  | 107 | 107 | 105 | 102 | 93  | 82  | 75  | 76  | 81  | 89  | 102 | 119 | 132 | 135 | 132 | 2279 | 95.0 |   | 9:34  | 107  | 21:53 | 135 | *     | *   | 4:42  | 66 | 15:21 | 74 | *     | *   | *     | *  |    |    |    |
| 30 | 125  | 113 | 95  | 74  | 60  | 54  | 53  | 57  | 70  | 87  | 100 | 106 | 108 | 109 | 105 | 95  | 86  | 86  | 91  | 99  | 109 | 124 | 137 | 141 | 2284 | 95.2 |   | 12:44 | 109  | 22:51 | 141 | *     | *   | 5:45  | 53 | 16:33 | 85 | *     | *   | *     | *  |    |    |    |

| 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 | 67131 | 93.2 | 7日3時16分 | 168 | 1  | 6日9時19分 | 0  | 1  |

### 推算潮位 ( 毎時・満干潮 )

地点名: 森

緯度: 42 ° 7 N

経度: 140 ° 36 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2016 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  | 136  | 127 | 114 | 93  | 67  | 48  | 40  | 40  | 44  | 58  | 79  | 98  | 109 | 114 | 118 | 116 | 105 | 95  | 93  | 99  | 105 | 114 | 128 | 143 | 2283 | 95.1  |   | 14:15 | 118  | 23:49 | 147 | *     | *   | *    | *  | 6:39  | 39   | 17:38 | 92  | *     | *  | *  | *  |   |   |
| 2  | 147  | 140 | 129 | 114 | 89  | 58  | 36  | 28  | 28  | 34  | 50  | 77  | 101 | 114 | 121 | 127 | 125 | 112 | 98  | 97  | 104 | 110 | 117 | 133 | 2289 | 95.4  |   | 15:22 | 127  | *     | *   | *     | *   | 7:23 | 28 | 18:34 | 96   | *     | *   | *     | *  |    |    |   |   |
| 3  | 151  | 154 | 145 | 131 | 114 | 84  | 48  | 24  | 19  | 21  | 27  | 47  | 80  | 108 | 121 | 127 | 133 | 130 | 113 | 98  | 99  | 107 | 111 | 119 | 2311 | 96.3  |   | 0:43  | 155  | 16:18 | 134 | *     | *   | *    | *  | 7:59  | 19   | 19:25 | 96  | *     | *  | *  | *  |   |   |
| 4  | 139  | 159 | 160 | 146 | 131 | 111 | 77  | 37  | 16  | 14  | 17  | 24  | 50  | 89  | 118 | 127 | 132 | 138 | 131 | 109 | 95  | 99  | 108 | 111 | 2338 | 97.4  | N | 1:33  | 162  | 17: 9 | 138 | *     | *   | *    | *  | 8:34  | 13   | 20:13 | 94  | *     | *  | *  | *  |   |   |
| 5  | 121  | 146 | 166 | 162 | 144 | 129 | 107 | 67  | 27  | 11  | 14  | 18  | 28  | 60  | 103 | 127 | 130 | 134 | 139 | 127 | 102 | 90  | 99  | 107 | 2358 | 98.3  |   | 2:19  | 168  | 17:57 | 139 | *     | *   | *    | *  | 9:10  | # 11 | 20:59 | 90  | *     | *  | *  | *  |   |   |
| 6  | 109  | 124 | 154 | 170 | 159 | 139 | 124 | 99  | 57  | 21  | 13  | 19  | 23  | 38  | 76  | 117 | 133 | 132 | 136 | 137 | 119 | 92  | 86  | 98  | 2375 | 99.0  |   | 3: 3  | #170 | 18:40 | 139 | *     | *   | *    | *  | 9:48  | 12   | 21:44 | 85  | *     | *  | *  | *  |   |   |
| 7  | 104  | 108 | 128 | 158 | 167 | 150 | 132 | 118 | 90  | 47  | 19  | 19  | 27  | 33  | 54  | 95  | 129 | 135 | 132 | 135 | 131 | 107 | 84  | 84  | 2386 | 99.4  |   | 3:46  | 168  | 16:46 | 136 | 19:19 | 136 | *    | *  | 10:27 | 17   | 18: 0 | 132 | 22:28 | 81 | *  | *  | * | * |
| 8  | 96   | 101 | 108 | 132 | 158 | 158 | 139 | 123 | 109 | 79  | 41  | 24  | 30  | 38  | 47  | 73  | 112 | 136 | 135 | 131 | 132 | 122 | 96  | 78  | 2398 | 99.9  |   | 4:29  | 162  | 17:25 | 138 | *     | *   | *    | *  | 11: 6 | 23   | 23:14 | 78  | *     | *  | *  | *  |   |   |
| 9  | 83   | 94  | 98  | 109 | 134 | 152 | 145 | 127 | 114 | 99  | 69  | 40  | 33  | 43  | 51  | 64  | 92  | 125 | 139 | 134 | 130 | 127 | 111 | 87  | 2400 | 100.0 |   | 5:13  | 152  | 18: 6 | 139 | *     | *   | *    | *  | 11:46 | 33   | *     | *   | *     | *  | *  | *  | * |   |
| 10 | 76   | 83  | 91  | 95  | 108 | 130 | 140 | 130 | 115 | 105 | 90  | 65  | 46  | 46  | 57  | 66  | 81  | 108 | 132 | 139 | 133 | 127 | 119 | 101 | 2383 | 99.3  |   | 5:58  | 140  | 18:50 | 139 | *     | *   | *    | *  | 0: 1  | 76   | 12:27 | 44  | *     | *  | *  | *  |   |   |
| 11 | 82   | 76  | 81  | 87  | 92  | 105 | 121 | 126 | 117 | 106 | 98  | 85  | 67  | 57  | 60  | 70  | 80  | 97  | 119 | 135 | 137 | 130 | 122 | 112 | 2362 | 98.4  |   | 6:46  | 126  | 19:36 | 138 | *     | *   | *    | *  | 0:53  | 76   | 13:11 | 56  | *     | *  | *  | *  |   |   |
| 12 | 95   | 80  | 75  | 79  | 82  | 88  | 99  | 110 | 113 | 107 | 100 | 94  | 85  | 74  | 69  | 74  | 82  | 93  | 108 | 125 | 136 | 135 | 127 | 118 | 2348 | 97.8  | U | 7:44  | 113  | 20:25 | 137 | *     | *   | *    | *  | 1:55  | 75   | 13:59 | 69  | *     | *  | *  | *  |   |   |
| 13 | 107  | 92  | 79  | 73  | 73  | 76  | 81  | 90  | 100 | 103 | 101 | 99  | 96  | 91  | 85  | 82  | 85  | 92  | 102 | 114 | 127 | 135 | 133 | 126 | 2342 | 97.6  |   | 9: 2  | 103  | 21:18 | 135 | *     | *   | *    | *  | 3:23  | 73   | 14:58 | 82  | *     | *  | *  | *  |   |   |
| 14 | 116  | 104 | 90  | 76  | 68  | 66  | 67  | 72  | 81  | 91  | 98  | 101 | 102 | 102 | 100 | 95  | 91  | 93  | 99  | 108 | 118 | 129 | 135 | 133 | 2335 | 97.3  |   | 12:48 | 103  | 22:17 | 135 | *     | *   | *    | *  | 5: 3  | 66   | 16:12 | 91  | *     | *  | *  | *  |   |   |
| 15 | 126  | 115 | 102 | 87  | 71  | 60  | 57  | 58  | 64  | 74  | 87  | 98  | 105 | 109 | 111 | 109 | 103 | 98  | 98  | 103 | 111 | 120 | 130 | 136 | 2332 | 97.2  |   | 14: 1 | 111  | 23:21 | 137 | *     | *   | *    | *  | 6:11  | 56   | 17:28 | 97  | *     | *  | *  | *  |   |   |
| 16 | 135  | 127 | 115 | 100 | 81  | 63  | 50  | 46  | 49  | 57  | 71  | 88  | 103 | 113 | 118 | 120 | 115 | 107 | 100 | 100 | 105 | 113 | 123 | 134 | 2333 | 97.2  |   | 14:44 | 120  | *     | *   | *     | *   | 7: 2 | 46 | 18:34 | 99   | *     | *   | *     | *  |    |    |   |   |
| 17 | 141  | 139 | 129 | 114 | 95  | 72  | 51  | 39  | 37  | 42  | 54  | 72  | 94  | 112 | 122 | 127 | 126 | 118 | 107 | 100 | 100 | 106 | 115 | 127 | 2339 | 97.5  |   | 0:20  | 141  | 15:19 | 127 | *     | *   | *    | *  | 7:45  | 37   | 19:27 | 99  | *     | *  | *  | *  |   |   |
| 18 | 140  | 147 | 143 | 130 | 111 | 87  | 61  | 39  | 29  | 30  | 38  | 55  | 79  | 104 | 122 | 130 | 133 | 128 | 117 | 104 | 98  | 100 | 107 | 117 | 2349 | 97.9  |   | 1:10  | 147  | 15:53 | 133 | *     | *   | *    | *  | 8:23  | 28   | 20:11 | 97  | *     | *  | *  | *  |   |   |
| 19 | 133  | 148 | 153 | 145 | 127 | 105 | 77  | 48  | 28  | 22  | 26  | 38  | 60  | 90  | 116 | 130 | 136 | 136 | 127 | 112 | 98  | 95  | 100 | 107 | 2357 | 98.2  |   | 1:52  | 153  | 16:30 | 136 | *     | *   | *    | *  | 8:58  | 22   | 20:46 | 95  | *     | *  | *  | *  |   |   |
| 20 | 121  | 141 | 157 | 157 | 143 | 123 | 97  | 65  | 35  | 20  | 20  | 27  | 43  | 71  | 105 | 127 | 136 | 138 | 136 | 122 | 102 | 91  | 93  | 99  | 2369 | 98.7  | F | 2:29  | 159  | 17:12 | 138 | *     | *   | *    | *  | 9:29  | 19   | 21:18 | 91  | *     | *  | *  | *  |   |   |
| 21 | 108  | 126 | 150 | 163 | 155 | 137 | 116 | 88  | 52  | 25  | 18  | 22  | 31  | 52  | 87  | 119 | 134 | 137 | 139 | 133 | 113 | 91  | 85  | 91  | 2372 | 98.8  |   | 3: 5  | 163  | 17:56 | 139 | *     | *   | *    | *  | 9:56  | 18   | 21:51 | 85  | *     | *  | *  | *  |   |   |
| 22 | 98   | 109 | 133 | 158 | 163 | 149 | 130 | 109 | 77  | 41  | 21  | 22  | 29  | 40  | 67  | 105 | 131 | 137 | 137 | 137 | 125 | 100 | 81  | 82  | 2381 | 99.2  |   | 3:42  | 164  | 17:49 | 138 | *     | *   | *    | *  | 10:24 | 19   | 22:26 | 79  | *     | *  | *  | *  |   |   |
| 23 | 90   | 96  | 111 | 139 | 160 | 157 | 139 | 123 | 102 | 66  | 34  | 24  | 31  | 39  | 53  | 85  | 121 | 138 | 137 | 136 | 133 | 114 | 87  | 73  | 2388 | 99.5  |   | 4:21  | 162  | 17:19 | 139 | *     | *   | *    | *  | 10:54 | 24   | 23: 5 | 73  | *     | *  | *  | *  |   |   |
| 24 | 79   | 87  | 93  | 112 | 142 | 156 | 146 | 130 | 116 | 93  | 59  | 35  | 35  | 45  | 53  | 70  | 104 | 134 | 141 | 136 | 133 | 126 | 102 | 76  | 2403 | 100.1 |   | 5: 2  | 156  | 17:50 | 141 | *     | *   | *    | *  | 11:28 | 32   | 23:48 | 69  | *     | *  | *  | *  |   |   |
| 25 | 69   | 77  | 82  | 90  | 112 | 139 | 146 | 133 | 121 | 110 | 87  | 57  | 43  | 50  | 60  | 69  | 89  | 120 | 141 | 141 | 134 | 130 | 117 | 90  | 2407 | 100.3 |   | 5:46  | 146  | 18:26 | 143 | *     | *   | *    | *  | 12: 5 | 43   | *     | *   | *     | *  | *  | *  |   |   |
| 26 | 69   | 67  | 73  | 76  | 86  | 108 | 130 | 132 | 122 | 114 | 105 | 84  | 63  | 58  | 67  | 76  | 85  | 106 | 132 | 144 | 140 | 132 | 125 | 109 | 2403 | 100.1 |   | 6:36  | 133  | 19: 8 | 144 | *     | *   | *    | *  | 0:36  | 66   | 12:45 | 57  | *     | *  | *  | *  |   |   |
| 27 | 84   | 66  | 64  | 67  | 69  | 79  | 100 | 117 | 118 | 112 | 109 | 103 | 88  | 74  | 74  | 83  | 91  | 100 | 118 | 138 | 144 | 139 | 130 | 121 | 2388 | 99.5  | L | 7:34  | 119  | 19:56 | 144 | *     | *   | *    | *  | 1:37  | 64   | 13:29 | 72  | *     | *  | *  | *  |   |   |
| 28 | 104  | 81  | 66  | 61  | 60  | 61  | 71  | 88  | 103 | 107 | 106 | 107 | 105 | 96  | 88  | 89  | 96  | 103 | 111 | 125 | 140 | 144 | 139 | 130 | 2381 | 99.2  |   | 10: 5 | 107  | 20:52 | 144 | *     | *   | *    | *  | 4:22  | 60   | 14:24 | 87  | *     | *  | *  | *  |   |   |
| 29 | 120  | 104 | 82  | 65  | 56  | 52  | 52  | 60  | 76  | 92  | 100 | 105 | 110 | 112 | 108 | 101 | 100 | 105 | 110 | 117 | 128 | 139 | 144 | 140 | 2378 | 99.1  |   | 12:51 | 112  | 22: 1 | 144 | *     | *   | *    | *  | 5:33  | 51   | 15:38 | 100 | *     | *  | *  | *  |   |   |
| 30 | 133  | 123 | 107 | 84  | 62  | 49  | 43  | 42  | 50  | 66  | 85  | 99  | 108 | 116 | 121 | 118 | 110 | 106 | 108 | 113 | 118 | 126 | 138 | 146 | 2371 | 98.8  |   | 14:11 | 121  | 23:19 | 147 | *     | *   | *    | *  | 6:37  | 42   | 17: 6 | 106 | *     | *  | *  | *  |   |   |
| 31 | 145  | 137 | 127 | 110 | 84  | 57  | 41  | 34  | 34  | 41  | 59  | 84  | 103 | 115 | 124 | 130 | 126 | 114 | 106 | 107 | 112 | 116 | 124 | 139 | 2369 | 98.7  |   | 15:10 | 130  | *     | *   | *     | *   | 7:34 | 34 | 18:19 | 106  | *     | *   | *     | *  |    |    |   |   |

| 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 | 73228 | 98.4 | 6日3時3分  | 170 | 1  | 5日9時10分 | 11 | 1  |

# 推算潮位（毎時・満干潮）

地点名：森

緯度：42 ° 7 N

経度：140 ° 36 E

潮位表基準面の零点：平均海面下 92.0(cm)

2016 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  | 151  | 151 | 142 | 130 | 111 | 81  | 50  | 32  | 28  | 29  | 37  | 59  | 90  | 112 | 123 | 131 | 136 | 129 | 112 | 101 | 103 | 108 | 112 | 122 | 2380 | 99.2  |   | 0:29  | 152  | 16: 0 | 136 | *     | *   | *    | *  | 8:15  | 27   | 19:17 | 101 | *     | *   | *     | *  |   |   |   |   |
| 2  | 142  | 158 | 156 | 145 | 132 | 110 | 75  | 41  | 25  | 24  | 27  | 38  | 66  | 102 | 124 | 131 | 136 | 139 | 126 | 104 | 94  | 98  | 104 | 107 | 2404 | 100.2 |   | 1:24  | 159  | 16:47 | 139 | *     | *   | *    | *  | 8:33  | 24   | 20: 5 | 93  | *     | *   | *     | *  |   |   |   |   |
| 3  | 122  | 148 | 164 | 158 | 144 | 130 | 105 | 66  | 32  | 22  | 26  | 30  | 45  | 80  | 118 | 134 | 135 | 138 | 138 | 118 | 93  | 85  | 94  | 100 | 2425 | 101.0 | N | 2:11  | 165  | 17:30 | 140 | *     | *   | *    | *  | 8:59  | # 22 | 20:49 | 85  | *     | *   | *     | *  |   |   |   |   |
| 4  | 104  | 125 | 156 | 167 | 155 | 139 | 125 | 97  | 55  | 26  | 25  | 32  | 37  | 58  | 99  | 133 | 140 | 136 | 138 | 132 | 106 | 80  | 79  | 90  | 2434 | 101.4 |   | 2:54  | #167 | 15:48 | 140 | 18: 9 | 138 | *    | *  | *     | *    | 9:32  | 23  | 17: 7 | 136 | 21:32 | 77 | * | * | * | * |
| 5  | 96   | 104 | 132 | 161 | 164 | 147 | 132 | 118 | 85  | 45  | 26  | 33  | 41  | 50  | 78  | 119 | 144 | 141 | 135 | 135 | 121 | 90  | 71  | 76  | 2444 | 101.8 |   | 3:35  | #167 | 16:20 | 145 | *     | *   | *    | *  | 10: 7 | 26   | 22:14 | 70  | *     | *   | *     | *  |   |   |   |   |
| 6  | 88   | 93  | 107 | 138 | 161 | 155 | 136 | 124 | 107 | 73  | 40  | 33  | 44  | 53  | 67  | 99  | 136 | 148 | 139 | 133 | 128 | 107 | 77  | 65  | 2451 | 102.1 |   | 4:16  | 162  | 16:55 | 148 | *     | *   | *    | *  | 10:43 | 32   | 22:55 | 65  | *     | *   | *     | *  |   |   |   |   |
| 7  | 76   | 86  | 92  | 112 | 141 | 154 | 142 | 125 | 115 | 96  | 64  | 42  | 45  | 58  | 68  | 86  | 119 | 146 | 147 | 135 | 128 | 117 | 92  | 68  | 2454 | 102.3 |   | 4:57  | 154  | 17:32 | 149 | *     | *   | *    | *  | 11:19 | 40   | 23:37 | 63  | *     | *   | *     | *  |   |   |   |   |
| 8  | 65   | 76  | 85  | 94  | 115 | 138 | 142 | 128 | 115 | 105 | 86  | 61  | 51  | 60  | 73  | 84  | 105 | 133 | 148 | 143 | 130 | 120 | 104 | 81  | 2442 | 101.8 |   | 5:39  | 143  | 18:10 | 149 | *     | *   | *    | *  | 11:56 | 51   | *     | *   | *     | *   | *     | *  | * |   |   |   |
| 9  | 65   | 67  | 76  | 84  | 95  | 115 | 130 | 128 | 116 | 107 | 97  | 81  | 66  | 65  | 75  | 87  | 100 | 120 | 140 | 146 | 137 | 124 | 112 | 94  | 2427 | 101.1 |   | 6:22  | 131  | 18:49 | 146 | *     | *   | *    | *  | 0:21  | 64   | 12:33 | 63  | *     | *   | *     | *  |   |   |   |   |
| 10 | 75   | 66  | 69  | 75  | 82  | 94  | 110 | 118 | 115 | 108 | 102 | 94  | 83  | 76  | 79  | 89  | 99  | 112 | 129 | 141 | 141 | 131 | 119 | 104 | 2411 | 100.5 |   | 7:12  | 119  | 19:30 | 142 | *     | *   | *    | *  | 1:11  | 66   | 13:10 | 76  | *     | *   | *     | *  |   |   |   |   |
| 11 | 88   | 74  | 68  | 69  | 73  | 80  | 90  | 101 | 107 | 106 | 103 | 100 | 95  | 90  | 88  | 92  | 99  | 108 | 120 | 131 | 138 | 136 | 126 | 114 | 2396 | 99.8  | U | 8:19  | 107  | 20:14 | 138 | *     | *   | *    | *  | 2:17  | 67   | 13:51 | 88  | *     | *   | *     | *  |   |   |   |   |
| 12 | 101  | 87  | 75  | 68  | 66  | 68  | 74  | 83  | 92  | 99  | 102 | 103 | 103 | 102 | 100 | 99  | 101 | 106 | 113 | 122 | 131 | 134 | 132 | 124 | 2385 | 99.4  |   | 11:48 | 103  | 21: 8 | 134 | *     | *   | *    | *  | 3:57  | 66   | 14:57 | 99  | *     | *   | *     | *  |   |   |   |   |
| 13 | 113  | 101 | 87  | 75  | 65  | 60  | 61  | 66  | 75  | 85  | 95  | 102 | 108 | 111 | 111 | 110 | 107 | 106 | 108 | 114 | 122 | 129 | 133 | 132 | 2376 | 99.0  |   | 13:42 | 112  | 22:20 | 133 | *     | *   | *    | *  | 5:24  | 60   | 16:49 | 106 | *     | *   | *     | *  |   |   |   |   |
| 14 | 126  | 116 | 102 | 87  | 71  | 59  | 52  | 52  | 58  | 69  | 82  | 96  | 108 | 116 | 120 | 120 | 115 | 110 | 106 | 107 | 112 | 120 | 128 | 134 | 2366 | 98.6  |   | 14:22 | 120  | 23:44 | 136 | *     | *   | *    | *  | 6:31  | 51   | 18:17 | 106 | *     | *   | *     | *  |   |   |   |   |
| 15 | 135  | 130 | 119 | 103 | 84  | 65  | 50  | 42  | 43  | 51  | 65  | 84  | 102 | 117 | 126 | 128 | 124 | 116 | 107 | 103 | 104 | 110 | 119 | 130 | 2357 | 98.2  |   | 14:53 | 128  | *     | *   | *     | *   | 7:22 | 41 | 19:17 | 102  | *     | *   | *     | *   |       |    |   |   |   |   |
| 16 | 139  | 142 | 136 | 121 | 101 | 78  | 55  | 39  | 33  | 36  | 48  | 67  | 91  | 113 | 127 | 133 | 133 | 125 | 112 | 100 | 96  | 99  | 107 | 120 | 2351 | 98.0  |   | 0:48  | 142  | 15:24 | 134 | *     | *   | *    | *  | 8: 4  | 33   | 20: 0 | 96  | *     | *   | *     | *  |   |   |   |   |
| 17 | 136  | 148 | 149 | 139 | 121 | 98  | 69  | 43  | 29  | 27  | 34  | 49  | 75  | 104 | 125 | 135 | 138 | 134 | 120 | 102 | 90  | 90  | 95  | 105 | 2355 | 98.1  |   | 1:36  | 151  | 15:55 | 138 | *     | *   | *    | *  | 8:39  | 26   | 20:32 | 89  | *     | *   | *     | *  |   |   |   |   |
| 18 | 123  | 145 | 158 | 154 | 139 | 119 | 91  | 58  | 32  | 23  | 26  | 36  | 56  | 88  | 119 | 136 | 139 | 139 | 130 | 110 | 88  | 80  | 84  | 91  | 2364 | 98.5  | F | 2:15  | 158  | 16:20 | 140 | *     | *   | *    | *  | 9: 7  | 23   | 21: 1 | 80  | *     | *   | *     | *  |   |   |   |   |
| 19 | 104  | 129 | 155 | 164 | 153 | 136 | 115 | 83  | 47  | 26  | 25  | 31  | 43  | 69  | 107 | 134 | 141 | 140 | 137 | 122 | 94  | 73  | 71  | 80  | 2379 | 99.1  |   | 2:53  | 164  | 16: 0 | 141 | *     | *   | *    | *  | 9:32  | 23   | 21:33 | 70  | *     | *   | *     | *  |   |   |   |   |
| 20 | 87   | 105 | 137 | 163 | 163 | 148 | 132 | 110 | 73  | 38  | 27  | 33  | 41  | 55  | 88  | 127 | 145 | 142 | 138 | 132 | 109 | 76  | 60  | 66  | 2395 | 99.8  |   | 3:30  | 166  | 16:14 | 145 | *     | *   | *    | *  | 9:58  | 27   | 22: 7 | 60  | *     | *   | *     | *  |   |   |   |   |
| 21 | 75   | 84  | 108 | 144 | 164 | 156 | 140 | 127 | 102 | 63  | 36  | 36  | 47  | 54  | 73  | 110 | 143 | 149 | 139 | 134 | 123 | 92  | 60  | 53  | 2412 | 100.5 |   | 4: 9  | 164  | 16:41 | 150 | *     | *   | *    | *  | 10:28 | 33   | 22:45 | 52  | *     | *   | *     | *  |   |   |   |   |
| 22 | 63   | 71  | 82  | 112 | 147 | 157 | 144 | 131 | 121 | 94  | 58  | 42  | 51  | 63  | 71  | 94  | 131 | 153 | 147 | 135 | 129 | 111 | 76  | 50  | 2433 | 101.4 |   | 4:49  | 158  | 17:13 | 153 | *     | *   | *    | *  | 11: 1 | 42   | 23:26 | 47  | *     | *   | *     | *  |   |   |   |   |
| 23 | 51   | 62  | 67  | 81  | 114 | 143 | 144 | 131 | 124 | 114 | 87  | 59  | 56  | 70  | 79  | 89  | 114 | 145 | 155 | 143 | 131 | 122 | 99  | 65  | 2445 | 101.9 |   | 5:32  | 147  | 17:49 | 155 | *     | *   | *    | *  | 11:37 | 54   | *     | *   | *     | *   | *     | *  |   |   |   |   |
| 24 | 47   | 52  | 60  | 64  | 81  | 112 | 132 | 129 | 119 | 117 | 107 | 85  | 68  | 73  | 87  | 95  | 105 | 130 | 152 | 152 | 137 | 127 | 115 | 90  | 2436 | 101.5 |   | 6:18  | 133  | 18:29 | 155 | *     | *   | *    | *  | 0:11  | 47   | 12:14 | 67  | *     | *   | *     | *  |   |   |   |   |
| 25 | 61   | 50  | 54  | 57  | 61  | 78  | 104 | 118 | 115 | 111 | 111 | 104 | 89  | 82  | 90  | 101 | 107 | 118 | 137 | 150 | 146 | 133 | 123 | 110 | 2410 | 100.4 | L | 7:12  | 118  | 19:14 | 151 | *     | *   | *    | *  | 1: 4  | 50   | 12:55 | 81  | *     | *   | *     | *  |   |   |   |   |
| 26 | 87   | 65  | 55  | 55  | 55  | 58  | 73  | 93  | 104 | 104 | 106 | 109 | 106 | 98  | 96  | 102 | 110 | 114 | 123 | 137 | 145 | 140 | 131 | 122 | 2388 | 99.5  |   | 11:11 | 110  | 20: 6 | 145 | *     | *   | *    | *  | 3:14  | 55   | 13:43 | 95  | *     | *   | *     | *  |   |   |   |   |
| 27 | 110  | 91  | 71  | 59  | 54  | 51  | 53  | 65  | 82  | 93  | 99  | 105 | 112 | 113 | 109 | 106 | 109 | 113 | 116 | 122 | 132 | 138 | 137 | 131 | 2371 | 98.8  |   | 12:38 | 114  | 21:19 | 139 | *     | *   | *    | *  | 5:17  | 51   | 14:56 | 106 | *     | *   | *     | *  |   |   |   |   |
| 28 | 125  | 115 | 97  | 77  | 61  | 51  | 46  | 47  | 57  | 73  | 89  | 100 | 110 | 118 | 122 | 117 | 111 | 109 | 110 | 112 | 116 | 124 | 133 | 137 | 2357 | 98.2  |   | 13:53 | 122  | 23: 5 | 137 | *     | *   | *    | *  | 6:24  | 46   | 17: 0 | 109 | *     | *   | *     | *  |   |   |   |   |
| 29 | 135  | 130 | 121 | 104 | 80  | 59  | 46  | 41  | 42  | 51  | 70  | 91  | 107 | 118 | 126 | 129 | 122 | 110 | 103 | 103 | 105 | 108 | 118 | 132 | 2351 | 98.0  |   | 14:46 | 129  | *     | *   | *     | *   | 7:23 | 40 | 18:31 | 103  | *     | *   | *     | *   |       |    |   |   |   |   |
| 30 | 142  | 142 | 136 | 126 | 107 | 78  | 53  | 40  | 36  | 39  | 50  | 74  | 101 | 118 | 127 | 133 | 133 | 120 | 103 | 93  | 94  | 96  | 101 | 114 | 2356 | 98.2  |   | 0:30  | 143  | 15:30 | 134 | *     | *   | *    | *  | 8: 5  | 36   | 19:20 | 93  | *     | *   | *     | *  |   |   |   |   |
| 31 | 135  | 149 | 148 | 140 | 128 | 106 | 72  | 45  | 35  | 35  | 39  | 54  | 85  | 115 | 130 | 134 | 136 | 132 | 113 | 90  | 81  | 85  | 89  | 95  | 2371 | 98.8  |   | 1:23  | 150  | 16:10 | 136 | *     | *   | *    | *  | 8:18  | 34   | 20: 0 | 81  | *     | *   | *     | *  |   |   |   |   |

| 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      | 74326        | 99.9          | 5日3時35分 | 167 | 2  | 3日8時59分 | 22 | 1  |



# 推算潮位 ( 毎時・満干潮 )

地点名: 森

緯度: 42 ° 7 N

経度: 140 ° 36 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2016 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  | 116  | 143 | 156 | 150 | 139 | 127 | 100 | 63  | 37  | 34  | 39  | 45  | 65  | 101 | 131 | 139 | 136 | 135 | 126 | 99  | 74  | 71  | 79  | 84  | 2389 | 99.5  | N | 2: 5  | 156  | 14:55 | 139  | *     | *   | *    | *  | 8:40  | 33 | 20:39 | 70   | *    | *   | *     | *  |   |   |
| 2  | 94   | 122 | 152 | 159 | 147 | 136 | 122 | 90  | 52  | 34  | 39  | 46  | 55  | 82  | 121 | 144 | 142 | 135 | 131 | 114 | 82  | 61  | 65  | 76  | 2401 | 100.0 |   | 2:45  | 160  | 15:19 | 145  | *     | *   | *    | *  | 9:10  | 34 | 21:17 | 60   | *    | *   | *     | *  |   |   |
| 3  | 81   | 98  | 132 | 158 | 155 | 140 | 130 | 113 | 78  | 44  | 38  | 48  | 57  | 70  | 103 | 140 | 150 | 139 | 130 | 123 | 98  | 65  | 52  | 63  | 2405 | 100.2 |   | 3:23  | 160  | 15:50 | 150  | *     | *   | *    | *  | 9:43  | 37 | 21:55 | 52   | *    | *   | *     | *  |   |   |
| 4  | 74   | 82  | 106 | 141 | 157 | 147 | 132 | 123 | 102 | 66  | 43  | 47  | 61  | 70  | 89  | 124 | 151 | 149 | 134 | 124 | 110 | 79  | 52  | 50  | 2413 | 100.5 |   | 4: 2  | 157  | 16:24 | 153  | *     | *   | *    | *  | 10:17 | 42 | 22:33 | 48   | *    | *   | *     | *  |   |   |
| 5  | 64   | 74  | 86  | 115 | 144 | 150 | 135 | 124 | 113 | 89  | 60  | 50  | 61  | 74  | 86  | 109 | 141 | 154 | 143 | 126 | 114 | 94  | 64  | 47  | 2417 | 100.7 |   | 4:40  | 151  | 16:58 | 154  | *     | *   | *    | *  | 10:52 | 50 | 23:11 | 46   | *    | *   | *     | *  |   |   |
| 6  | 53   | 66  | 76  | 93  | 122 | 141 | 138 | 125 | 116 | 103 | 80  | 61  | 62  | 76  | 88  | 102 | 127 | 149 | 149 | 134 | 118 | 102 | 79  | 55  | 2415 | 100.6 |   | 5:19  | 142  | 17:31 | 152  | *     | *   | *    | *  | 11:26 | 59 | 23:50 | 48   | *    | *   | *     | *  |   |   |
| 7  | 48   | 57  | 68  | 80  | 100 | 123 | 132 | 125 | 116 | 108 | 95  | 77  | 70  | 77  | 89  | 101 | 117 | 137 | 148 | 141 | 125 | 109 | 91  | 69  | 2403 | 100.1 |   | 6: 0  | 132  | 18: 4 | 148  | *     | *   | *    | *  | 11:58 | 70 | *     | *    | *    | *   |       |    |   |   |
| 8  | 53   | 53  | 61  | 71  | 84  | 102 | 118 | 121 | 115 | 109 | 102 | 91  | 82  | 82  | 90  | 100 | 112 | 127 | 140 | 142 | 131 | 117 | 101 | 82  | 2386 | 99.4  |   | 6:44  | 121  | 18:37 | 143  | *     | *   | *    | *  | 0:30  | 51 | 12:28 | 81   | *    | *   | *     | *  |   |   |
| 9  | 65   | 57  | 58  | 64  | 72  | 85  | 99  | 109 | 110 | 108 | 105 | 100 | 94  | 91  | 94  | 101 | 108 | 118 | 130 | 136 | 133 | 124 | 111 | 95  | 2367 | 98.6  | U | 7:43  | 110  | 19:11 | 137  | *     | *   | *    | *  | 1:18  | 56 | 12:55 | 91   | *    | *   | *     | *  |   |   |
| 10 | 79   | 67  | 61  | 61  | 63  | 70  | 81  | 93  | 100 | 103 | 105 | 105 | 103 | 101 | 101 | 104 | 107 | 112 | 120 | 127 | 130 | 127 | 119 | 108 | 2347 | 97.8  |   | 10:37 | 105  | 19:54 | 130  | *     | *   | *    | *  | 2:38  | 61 | 13:25 | 101  | *    | *   | *     | *  |   |   |
| 11 | 95   | 81  | 71  | 64  | 60  | 60  | 65  | 75  | 85  | 93  | 100 | 106 | 110 | 110 | 110 | 109 | 108 | 108 | 111 | 117 | 122 | 125 | 123 | 119 | 2327 | 97.0  |   | 12:48 | 110  | 21: 8 | 125  | *     | *   | *    | *  | 4:31  | 59 | 16:32 | 108  | *    | *   | *     | *  |   |   |
| 12 | 110  | 99  | 86  | 73  | 63  | 56  | 54  | 58  | 67  | 79  | 91  | 103 | 112 | 118 | 119 | 116 | 111 | 107 | 104 | 105 | 111 | 117 | 122 | 125 | 2306 | 96.1  |   | 13:43 | 119  | 23:11 | 125  | *     | *   | *    | *  | 5:49  | 53 | 18: 9 | 104  | *    | *   | *     | *  |   |   |
| 13 | 123  | 117 | 105 | 89  | 73  | 58  | 48  | 45  | 50  | 62  | 77  | 95  | 110 | 121 | 126 | 124 | 117 | 108 | 99  | 96  | 98  | 104 | 114 | 125 | 2284 | 95.2  |   | 14:15 | 126  | *     | *    | *     | *   | 6:49 | 45 | 19: 7 | 96 | *     | *    | *    | *   |       |    |   |   |
| 14 | 132  | 132 | 124 | 110 | 90  | 68  | 50  | 39  | 38  | 46  | 60  | 82  | 104 | 121 | 130 | 132 | 126 | 113 | 98  | 87  | 85  | 90  | 99  | 114 | 2270 | 94.6  |   | 0:31  | 133  | 14:43 | 132  | *     | *   | *    | *  | 7:35  | 38 | 19:45 | 85   | *    | *   | *     | *  |   |   |
| 15 | 132  | 142 | 141 | 130 | 113 | 88  | 61  | 41  | 33  | 36  | 46  | 65  | 92  | 118 | 132 | 136 | 133 | 122 | 102 | 82  | 73  | 75  | 82  | 96  | 2271 | 94.6  |   | 1:22  | 143  | 15: 2 | 136  | *     | *   | *    | *  | 8:10  | 33 | 20:13 | 73   | *    | *   | *     | *  |   |   |
| 16 | 119  | 143 | 152 | 146 | 133 | 113 | 84  | 52  | 34  | 32  | 39  | 51  | 76  | 109 | 133 | 140 | 137 | 131 | 113 | 84  | 63  | 60  | 67  | 76  | 2287 | 95.3  |   | 2: 3  | 152  | 15: 0 | 140  | *     | *   | *    | *  | 8:36  | 31 | 20:40 | 59   | *    | *   | *     | *  |   |   |
| 17 | 95   | 127 | 154 | 158 | 147 | 133 | 112 | 77  | 45  | 33  | 39  | 47  | 61  | 93  | 129 | 145 | 142 | 135 | 124 | 98  | 63  | 46  | 50  | 60  | 2313 | 96.4  | F | 2:40  | 159  | 15:12 | 146  | *     | *   | *    | *  | 9: 1  | 33 | 21:12 | 46   | *    | *   | *     | *  |   |   |
| 18 | 71   | 98  | 137 | 160 | 156 | 144 | 132 | 107 | 69  | 41  | 41  | 51  | 59  | 78  | 115 | 147 | 151 | 139 | 130 | 114 | 79  | 43  | 35  | 46  | 2343 | 97.6  |   | 3:17  | #162 | 15:36 | 153  | *     | *   | *    | *  | 9:29  | 38 | 21:47 | 34   | *    | *   | *     | *  |   |   |
| 19 | 55   | 69  | 105 | 145 | 159 | 149 | 138 | 128 | 100 | 62  | 45  | 55  | 66  | 74  | 98  | 137 | 158 | 149 | 133 | 123 | 100 | 59  | 29  | 31  | 2367 | 98.6  |   | 3:56  | 160  | 16: 7 | 159  | *     | *   | *    | *  | 10: 1 | 45 | 22:24 | 27   | *    | *   | *     | *  |   |   |
| 20 | 44   | 51  | 70  | 112 | 147 | 150 | 138 | 132 | 122 | 92  | 60  | 57  | 73  | 82  | 90  | 119 | 154 | 161 | 143 | 127 | 115 | 85  | 44  | 25  | 2393 | 99.7  |   | 4:35  | 153  | 16:41 | #162 | *     | *   | *    | *  | 10:35 | 55 | 23: 5 | # 25 | *    | *   | *     | *  |   |   |
| 21 | 33   | 44  | 50  | 75  | 116 | 141 | 137 | 127 | 126 | 115 | 85  | 66  | 73  | 89  | 95  | 107 | 137 | 161 | 155 | 134 | 121 | 106 | 73  | 38  | 2404 | 100.2 |   | 5:17  | 142  | 17:18 | #162 | *     | *   | *    | *  | 11:11 | 65 | 23:49 | 28   | *    | *   | *     | *  |   |   |
| 22 | 29   | 39  | 45  | 52  | 79  | 114 | 129 | 122 | 118 | 120 | 108 | 85  | 77  | 90  | 102 | 107 | 120 | 145 | 158 | 146 | 127 | 116 | 98  | 67  | 2393 | 99.7  |   | 6: 2  | 129  | 17:58 | 158  | *     | *   | *    | *  | 11:49 | 76 | *     | *    | *    | *   |       |    |   |   |
| 23 | 41   | 38  | 45  | 47  | 55  | 81  | 107 | 115 | 111 | 112 | 114 | 104 | 90  | 90  | 102 | 110 | 114 | 127 | 145 | 149 | 136 | 121 | 111 | 95  | 2360 | 98.3  | L | 6:53  | 115  | 9:48  | 114  | 18:42 | 150 | *    | *  | *     | *  | 0:38  | 37   | 8:20 | 110 | 12:30 | 87 | * | * |
| 24 | 69   | 51  | 48  | 50  | 50  | 58  | 78  | 97  | 103 | 104 | 109 | 112 | 106 | 98  | 100 | 108 | 112 | 115 | 125 | 136 | 137 | 127 | 118 | 110 | 2321 | 96.7  |   | 10:54 | 112  | 19:34 | 138  | *     | *   | *    | *  | 1:43  | 48 | 13:19 | 98   | *    | *   | *     | *  |   |   |
| 25 | 97   | 77  | 62  | 56  | 53  | 51  | 57  | 73  | 89  | 97  | 102 | 109 | 114 | 112 | 107 | 106 | 108 | 109 | 110 | 116 | 124 | 127 | 123 | 118 | 2297 | 95.7  |   | 12:10 | 114  | 20:50 | 127  | *     | *   | *    | *  | 4:51  | 51 | 14:39 | 105  | *    | *   | *     | *  |   |   |
| 26 | 114  | 104 | 87  | 71  | 60  | 53  | 50  | 55  | 68  | 84  | 96  | 106 | 114 | 120 | 118 | 111 | 105 | 102 | 100 | 100 | 104 | 113 | 120 | 123 | 2278 | 94.9  |   | 13:18 | 120  | 23:16 | 123  | *     | *   | *    | *  | 5:58  | 50 | 18:35 | 100  | *    | *   | *     | *  |   |   |
| 27 | 123  | 120 | 112 | 95  | 75  | 59  | 51  | 48  | 53  | 66  | 85  | 102 | 114 | 122 | 126 | 123 | 111 | 98  | 91  | 88  | 89  | 93  | 105 | 119 | 2268 | 94.5  |   | 14: 7 | 126  | *     | *    | *     | *   | 6:55 | 48 | 19:31 | 88 | *     | *    | *    | *   |       |    |   |   |
| 28 | 128  | 129 | 127 | 118 | 99  | 74  | 55  | 48  | 47  | 53  | 68  | 92  | 113 | 124 | 129 | 130 | 122 | 104 | 85  | 77  | 76  | 78  | 85  | 103 | 2264 | 94.3  |   | 0:45  | 130  | 14:42 | 130  | *     | *   | *    | *  | 7:33  | 47 | 19:28 | 76   | *    | *   | *     | *  |   |   |
| 29 | 124  | 136 | 136 | 131 | 121 | 98  | 69  | 50  | 46  | 49  | 56  | 75  | 105 | 127 | 133 | 132 | 129 | 116 | 91  | 69  | 63  | 67  | 70  | 82  | 2275 | 94.8  |   | 1:26  | 137  | 14: 6 | 134  | *     | *   | *    | *  | 7:49  | 46 | 19:52 | 63   | *    | *   | *     | *  |   |   |
| 30 | 108  | 134 | 143 | 139 | 132 | 120 | 92  | 61  | 46  | 49  | 54  | 64  | 89  | 122 | 140 | 138 | 131 | 124 | 104 | 73  | 53  | 53  | 60  | 67  | 2296 | 95.7  |   | 2: 1  | 143  | 14:20 | 141  | *     | *   | *    | *  | 8:14  | 46 | 20:25 | 51   | *    | *   | *     | *  |   |   |

| 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 | 70260 | 97.6 | 21 日 17 時 18 分 | 162 | 3  | 20 日 23 時 5 分 | 25 | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 森

緯度: 42 ° 7 N

経度: 140 ° 36 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2016 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  | 84   | 117 | 143 | 146 | 138 | 131 | 115 | 83  | 53  | 47  | 55  | 63  | 76  | 107 | 138 | 147 | 136 | 126 | 115 | 87  | 54  | 41  | 48  | 58  | 2308 | 96.2 | N | 2:36  | 147 | 14:48 | 147  | *     | *   | *    | *  | 8:45  | 46 | 21:0  | 41  | *     | *   | *     | *  |   |   |
| 2  | 67   | 93  | 130 | 149 | 144 | 134 | 127 | 106 | 72  | 51  | 54  | 65  | 74  | 92  | 126 | 150 | 147 | 130 | 118 | 101 | 67  | 38  | 35  | 48  | 2318 | 96.6 |   | 3:12  | 149 | 15:20 | 152  | *     | *   | *    | *  | 9:18  | 49 | 21:36 | 33  | *     | *   | *     | *  |   |   |
| 3  | 58   | 73  | 106 | 139 | 148 | 138 | 129 | 120 | 95  | 65  | 54  | 65  | 77  | 87  | 111 | 143 | 154 | 140 | 122 | 107 | 83  | 49  | 30  | 36  | 2329 | 97.0 |   | 3:49  | 149 | 15:53 | 154  | *     | *   | *    | *  | 9:52  | 54 | 22:11 | 30  | *     | *   | *     | *  |   |   |
| 4  | 50   | 62  | 84  | 118 | 142 | 142 | 130 | 123 | 111 | 84  | 63  | 64  | 78  | 88  | 103 | 129 | 152 | 150 | 130 | 112 | 93  | 65  | 37  | 30  | 2340 | 97.5 |   | 4:26  | 145 | 16:25 | 154  | *     | *   | *    | *  | 10:26 | 61 | 22:46 | 29  | *     | *   | *     | *  |   |   |
| 5  | 41   | 55  | 69  | 96  | 126 | 139 | 132 | 123 | 116 | 100 | 78  | 68  | 77  | 89  | 100 | 118 | 142 | 151 | 139 | 119 | 101 | 78  | 50  | 33  | 2340 | 97.5 |   | 5:3   | 139 | 16:55 | 151  | *     | *   | *    | *  | 10:58 | 68 | 23:21 | 32  | *     | *   | *     | *  |   |   |
| 6  | 35   | 47  | 60  | 78  | 105 | 127 | 130 | 123 | 117 | 109 | 92  | 78  | 79  | 89  | 99  | 111 | 130 | 145 | 144 | 127 | 109 | 89  | 65  | 44  | 2332 | 97.2 |   | 5:41  | 131 | 17:25 | 147  | *     | *   | *    | *  | 11:28 | 76 | 23:56 | 36  | *     | *   | *     | *  |   |   |
| 7  | 36   | 43  | 53  | 66  | 87  | 109 | 121 | 120 | 116 | 112 | 102 | 90  | 85  | 90  | 99  | 107 | 120 | 135 | 141 | 132 | 116 | 99  | 79  | 58  | 2316 | 96.5 |   | 6:23  | 122 | 17:53 | 141  | *     | *   | *    | *  | 11:55 | 85 | *     | *   | *     | *   |       |    |   |   |
| 8  | 44   | 44  | 50  | 58  | 72  | 91  | 107 | 113 | 113 | 112 | 108 | 100 | 93  | 94  | 99  | 105 | 112 | 123 | 133 | 132 | 121 | 108 | 93  | 74  | 2299 | 95.8 |   | 7:20  | 113 | 18:25 | 134  | *     | *   | *    | *  | 0:33  | 43 | 12:24 | 92  | *     | *   | *     | *  |   |   |
| 9  | 58   | 50  | 51  | 54  | 61  | 74  | 89  | 101 | 105 | 108 | 110 | 107 | 102 | 100 | 101 | 104 | 107 | 112 | 121 | 125 | 122 | 114 | 103 | 90  | 2269 | 94.5 | U | 10:1  | 110 | 19:5  | 125  | *     | *   | *    | *  | 1:23  | 50 | 13:1  | 100 | *     | *   | *     | *  |   |   |
| 10 | 75   | 63  | 57  | 55  | 55  | 60  | 71  | 84  | 94  | 101 | 107 | 111 | 111 | 108 | 106 | 105 | 104 | 104 | 107 | 113 | 116 | 115 | 111 | 104 | 2237 | 93.2 |   | 11:25 | 112 | 20:12 | 116  | *     | *   | *    | *  | 3:19  | 55 | 16:32 | 103 | *     | *   | *     | *  |   |   |
| 11 | 94   | 81  | 70  | 61  | 56  | 54  | 57  | 67  | 79  | 91  | 102 | 111 | 116 | 117 | 113 | 108 | 102 | 97  | 95  | 98  | 103 | 109 | 113 | 113 | 2207 | 92.0 |   | 12:38 | 117 | 22:39 | 114  | *     | *   | *    | *  | 4:55  | 54 | 17:55 | 95  | *     | *   | *     | *  |   |   |
| 12 | 110  | 102 | 90  | 76  | 63  | 53  | 50  | 53  | 62  | 76  | 92  | 107 | 118 | 123 | 122 | 115 | 104 | 93  | 85  | 83  | 87  | 95  | 106 | 116 | 2181 | 90.9 |   | 13:21 | 123 | *     | *    | *     | *   | 6:3  | 50 | 18:50 | 83 | *     | *   | *     | *   |       |    |   |   |
| 13 | 121  | 119 | 111 | 98  | 80  | 61  | 49  | 46  | 50  | 61  | 79  | 100 | 117 | 127 | 129 | 124 | 111 | 93  | 77  | 69  | 69  | 75  | 88  | 107 | 2161 | 90.0 |   | 0:12  | 121 | 13:48 | 129  | *     | *   | *    | *  | 6:54  | 46 | 19:25 | 68  | *     | *   | *     | *  |   |   |
| 14 | 125  | 132 | 129 | 120 | 104 | 81  | 58  | 46  | 45  | 52  | 65  | 87  | 113 | 130 | 134 | 131 | 121 | 101 | 75  | 56  | 52  | 57  | 66  | 86  | 2166 | 90.3 |   | 1:9   | 132 | 13:56 | 134  | *     | *   | *    | *  | 7:30  | 44 | 19:50 | 52  | *     | *   | *     | *  |   |   |
| 15 | 114  | 136 | 142 | 136 | 126 | 107 | 78  | 54  | 46  | 50  | 58  | 73  | 101 | 130 | 142 | 138 | 129 | 114 | 86  | 53  | 37  | 39  | 46  | 59  | 2194 | 91.4 |   | 1:52  | 142 | 14:7  | 142  | *     | *   | *    | *  | 7:58  | 46 | 20:18 | 36  | *     | *   | *     | *  |   |   |
| 16 | 87   | 124 | 147 | 147 | 140 | 130 | 107 | 74  | 52  | 52  | 60  | 68  | 87  | 121 | 147 | 148 | 136 | 124 | 103 | 66  | 31  | 21  | 30  | 39  | 2241 | 93.4 | F | 2:29  | 149 | 14:32 | 151  | *     | *   | *    | *  | 8:27  | 49 | 20:51 | 21  | *     | *   | *     | *  |   |   |
| 17 | 56   | 94  | 135 | 151 | 146 | 140 | 131 | 104 | 69  | 55  | 64  | 73  | 81  | 105 | 141 | 159 | 148 | 131 | 117 | 89  | 44  | 14  | 14  | 26  | 2287 | 95.3 |   | 3:6   | 151 | 15:3  | 159  | *     | *   | *    | *  | 8:59  | 55 | 21:27 | 11  | *     | *   | *     | *  |   |   |
| 18 | 35   | 58  | 103 | 141 | 149 | 141 | 138 | 128 | 97  | 66  | 64  | 78  | 86  | 95  | 124 | 158 | 163 | 142 | 124 | 108 | 73  | 27  | 6   | 14  | 2318 | 96.6 |   | 3:44  | 150 | 15:37 | 165  | *     | *   | *    | *  | 9:34  | 61 | 22:6  | #6  | *     | *   | *     | *  |   |   |
| 19 | 25   | 34  | 64  | 112 | 142 | 140 | 133 | 135 | 122 | 90  | 69  | 77  | 92  | 97  | 109 | 142 | 166 | 158 | 133 | 118 | 98  | 58  | 18  | 8   | 2340 | 97.5 |   | 4:23  | 144 | 16:14 | #168 | *     | *   | *    | *  | 10:10 | 68 | 22:46 | 8   | *     | *   | *     | *  |   |   |
| 20 | 20   | 28  | 39  | 73  | 117 | 135 | 129 | 127 | 129 | 114 | 85  | 76  | 91  | 103 | 106 | 122 | 152 | 164 | 147 | 124 | 111 | 88  | 49  | 19  | 2348 | 97.8 |   | 5:4   | 135 | 7:49  | 130  | 16:53 | 165 | *    | *  | *     | *  | 6:39  | 126 | 10:48 | 75  | 23:30 | 15 | * | * |
| 21 | 18   | 28  | 33  | 47  | 82  | 116 | 124 | 119 | 121 | 123 | 106 | 86  | 86  | 101 | 108 | 112 | 129 | 152 | 154 | 134 | 117 | 105 | 81  | 47  | 2329 | 97.0 |   | 5:48  | 125 | 8:40  | 124  | 17:34 | 157 | *    | *  | *     | *  | 7:15  | 118 | 11:29 | 83  | *     | *  | * | * |
| 22 | 28   | 31  | 37  | 40  | 56  | 87  | 111 | 114 | 112 | 117 | 117 | 103 | 90  | 95  | 106 | 109 | 113 | 128 | 143 | 139 | 123 | 111 | 100 | 79  | 2289 | 95.4 |   | 6:40  | 115 | 9:32  | 119  | 18:19 | 144 | *    | *  | *     | *  | 0:18  | 27  | 7:50  | 112 | 12:14 | 90 | * | * |
| 23 | 54   | 41  | 43  | 45  | 48  | 63  | 87  | 104 | 108 | 109 | 115 | 114 | 104 | 96  | 99  | 105 | 106 | 109 | 120 | 129 | 125 | 114 | 107 | 99  | 2244 | 93.5 | L | 10:28 | 116 | 19:12 | 129  | *     | *   | *    | *  | 1:16  | 41 | 13:10 | 96  | *     | *   | *     | *  |   |   |
| 24 | 83   | 65  | 54  | 53  | 52  | 55  | 67  | 86  | 100 | 106 | 110 | 115 | 115 | 107 | 100 | 99  | 99  | 98  | 100 | 107 | 114 | 114 | 110 | 106 | 2215 | 92.3 |   | 11:29 | 116 | 20:30 | 115  | *     | *   | *    | *  | 4:4   | 52 | 17:15 | 98  | *     | *   | *     | *  |   |   |
| 25 | 102  | 91  | 76  | 64  | 59  | 57  | 59  | 68  | 84  | 99  | 108 | 114 | 119 | 118 | 111 | 100 | 93  | 89  | 86  | 86  | 93  | 102 | 108 | 110 | 2196 | 91.5 |   | 12:28 | 119 | *     | *    | *     | *   | 5:11 | 57 | 18:29 | 86 | *     | *   | *     | *   |       |    |   |   |
| 26 | 110  | 108 | 100 | 85  | 70  | 61  | 59  | 61  | 70  | 86  | 103 | 114 | 120 | 123 | 121 | 110 | 95  | 82  | 75  | 73  | 73  | 81  | 95  | 108 | 2183 | 91.0 |   | 0:2   | 110 | 13:12 | 124  | *     | *   | *    | *  | 6:7   | 59 | 19:24 | 72  | *     | *   | *     | *  |   |   |
| 27 | 114  | 117 | 116 | 107 | 90  | 71  | 61  | 60  | 63  | 72  | 90  | 111 | 124 | 128 | 127 | 121 | 105 | 83  | 67  | 61  | 60  | 63  | 74  | 95  | 2180 | 90.8 |   | 1:22  | 117 | 13:15 | 128  | *     | *   | *    | *  | 6:44  | 59 | 19:45 | 60  | *     | *   | *     | *  |   |   |
| 28 | 113  | 122 | 123 | 122 | 111 | 90  | 69  | 60  | 62  | 67  | 78  | 99  | 123 | 134 | 132 | 127 | 117 | 95  | 68  | 50  | 48  | 50  | 56  | 74  | 2190 | 91.3 |   | 2:5   | 123 | 13:18 | 134  | *     | *   | *    | *  | 7:13  | 60 | 19:44 | 47  | *     | *   | *     | *  |   |   |
| 29 | 101  | 123 | 129 | 128 | 125 | 112 | 86  | 65  | 61  | 66  | 73  | 87  | 112 | 136 | 141 | 132 | 122 | 107 | 79  | 49  | 36  | 39  | 45  | 55  | 2209 | 92.0 |   | 2:9   | 129 | 13:46 | 141  | *     | *   | *    | *  | 7:45  | 60 | 20:12 | 36  | *     | *   | *     | *  |   |   |
| 30 | 80   | 113 | 132 | 134 | 131 | 126 | 108 | 80  | 63  | 65  | 74  | 81  | 99  | 127 | 146 | 142 | 128 | 114 | 93  | 60  | 32  | 27  | 35  | 44  | 2234 | 93.1 |   | 2:34  | 135 | 14:18 | 147  | *     | *   | *    | *  | 8:19  | 62 | 20:44 | 26  | *     | *   | *     | *  |   |   |
| 31 | 60   | 92  | 125 | 138 | 135 | 131 | 123 | 101 | 74  | 64  | 73  | 82  | 92  | 114 | 142 | 151 | 138 | 120 | 103 | 76  | 41  | 21  | 24  | 35  | 2255 | 94.0 | N | 3:7   | 138 | 14:51 | 152  | *     | *   | *    | *  | 8:54  | 64 | 21:18 | 20  | *     | *   | *     | *  |   |   |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位    |    |    |
|----------|--------------|---------------|-------------|-----|----|------------|----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時         | 潮位 | 回数 |
| 744      | 70055        | 94.2          | 19日 16時 14分 | 168 | 1  | 18日 22時 6分 | 6  | 1  |

# 推算潮位（毎時・満干潮）

地点名：森

緯度：42 ° 7 N

経度：140 ° 36 E

潮位表基準面の零点：平均海面下 92.0(cm)

2016 年 11 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮   |      |   |       |     |       |     |       | 干潮   |      |    |       |    |       |     |       |     |       |     |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-----|-------|-----|-------|------|------|----|-------|----|-------|-----|-------|-----|-------|-----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位  | 時刻    | 潮位   | 時刻   | 潮位 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻    | 潮位  | 時刻    | 潮位  | 時刻 | 潮位 |
| 1  | 47   | 70  | 107 | 134 | 139 | 133 | 129 | 117 | 92  | 71  | 71  | 82  | 91  | 105 | 130 | 152 | 149 | 129 | 109 | 88  | 57  | 26  | 17  | 26  | 2271 | 94.6 |   | 3:42  | 139 | 15:23 | 154 | *     | *    | *    | *  | 9:29  | 68 | 21:52 | 17  | *     | *   | *     | *   |    |    |
| 2  | 39   | 55  | 85  | 120 | 137 | 135 | 130 | 124 | 108 | 84  | 73  | 80  | 91  | 101 | 119 | 143 | 153 | 140 | 118 | 98  | 72  | 40  | 19  | 20  | 2284 | 95.2 |   | 4:18  | 138 | 15:54 | 153 | *     | *    | *    | *  | 10: 2 | 73 | 22:26 | 17  | *     | *   | *     | *   |    |    |
| 3  | 32   | 45  | 67  | 100 | 127 | 134 | 130 | 126 | 117 | 98  | 81  | 79  | 89  | 99  | 111 | 131 | 149 | 147 | 128 | 107 | 85  | 56  | 29  | 19  | 2286 | 95.3 |   | 4:54  | 134 | 16:24 | 151 | *     | *    | *    | *  | 10:34 | 78 | 22:59 | 19  | *     | *   | *     | *   |    |    |
| 4  | 27   | 39  | 55  | 81  | 110 | 127 | 128 | 125 | 121 | 109 | 91  | 83  | 88  | 97  | 105 | 120 | 139 | 146 | 135 | 115 | 95  | 72  | 44  | 26  | 2278 | 94.9 |   | 5:32  | 129 | 16:53 | 146 | *     | *    | *    | *  | 11: 4 | 83 | 23:31 | 24  | *     | *   | *     | *   |    |    |
| 5  | 26   | 35  | 46  | 65  | 92  | 114 | 123 | 122 | 121 | 115 | 102 | 90  | 89  | 95  | 102 | 111 | 126 | 139 | 137 | 122 | 104 | 85  | 62  | 39  | 2262 | 94.3 |   | 6:15  | 123 | 17:23 | 140 | *     | *    | *    | *  | 11:34 | 88 | *     | *   | *     | *   | *     | *   |    |    |
| 6  | 30   | 34  | 43  | 54  | 74  | 98  | 113 | 117 | 118 | 117 | 110 | 99  | 92  | 95  | 100 | 104 | 113 | 126 | 132 | 125 | 111 | 96  | 78  | 57  | 2236 | 93.2 |   | 8:28  | 118 | 17:57 | 132 | *     | *    | *    | *  | 0: 6  | 30 | 12: 8 | 92  | *     | *   | *     | *   |    |    |
| 7  | 41   | 38  | 42  | 49  | 60  | 79  | 98  | 109 | 113 | 115 | 115 | 108 | 100 | 97  | 99  | 100 | 103 | 111 | 120 | 121 | 114 | 104 | 92  | 76  | 2204 | 91.8 |   | 9:30  | 116 | 18:41 | 122 | *     | *    | *    | *  | 0:48  | 38 | 12:57 | 97  | *     | *   | *     | *   |    |    |
| 8  | 59   | 49  | 46  | 49  | 54  | 64  | 81  | 96  | 106 | 111 | 115 | 115 | 109 | 102 | 99  | 97  | 96  | 97  | 103 | 109 | 111 | 107 | 101 | 92  | 2168 | 90.3 | U | 10:29 | 116 | 19:47 | 111 | *     | *    | *    | *  | 1:49  | 46 | 16:12 | 96  | *     | *   | *     | *   |    |    |
| 9  | 80   | 67  | 58  | 53  | 53  | 57  | 66  | 80  | 95  | 106 | 113 | 118 | 117 | 112 | 103 | 95  | 89  | 86  | 86  | 91  | 98  | 104 | 106 | 104 | 2137 | 89.0 |   | 11:26 | 118 | 21:59 | 106 | *     | *    | *    | *  | 3:39  | 53 | 17:28 | 85  | *     | *   | *     | *   |    |    |
| 10 | 98   | 89  | 78  | 66  | 59  | 56  | 58  | 67  | 80  | 96  | 110 | 119 | 122 | 120 | 113 | 100 | 86  | 75  | 70  | 71  | 77  | 88  | 101 | 109 | 2108 | 87.8 |   | 12:11 | 122 | 23:52 | 111 | *     | *    | *    | *  | 5: 0  | 56 | 18:23 | 70  | *     | *   | *     | *   |    |    |
| 11 | 111  | 108 | 101 | 88  | 73  | 62  | 58  | 61  | 69  | 83  | 102 | 118 | 127 | 128 | 122 | 110 | 91  | 70  | 57  | 53  | 56  | 65  | 82  | 103 | 2098 | 87.4 |   | 12:35 | 128 | *     | *   | *     | *    | 5:59 | 58 | 19: 1 | 53 | *     | *   | *     | *   |       |     |    |    |
| 12 | 117  | 121 | 119 | 112 | 97  | 77  | 63  | 61  | 66  | 75  | 90  | 112 | 130 | 136 | 131 | 122 | 104 | 76  | 50  | 36  | 36  | 42  | 55  | 80  | 2108 | 87.8 |   | 1: 4  | 121 | 12:55 | 136 | *     | *    | *    | *  | 6:42  | 61 | 19:29 | 35  | *     | *   | *     | *   |    |    |
| 13 | 109  | 127 | 130 | 128 | 121 | 103 | 79  | 65  | 67  | 74  | 83  | 101 | 127 | 144 | 143 | 132 | 118 | 94  | 58  | 28  | 19  | 23  | 31  | 49  | 2153 | 89.7 |   | 1:54  | 130 | 13:24 | 146 | *     | *    | *    | *  | 7:19  | 64 | 20: 0 | 19  | *     | *   | *     | *   |    |    |
| 14 | 84   | 119 | 135 | 136 | 135 | 127 | 105 | 78  | 69  | 76  | 84  | 92  | 114 | 144 | 156 | 145 | 129 | 112 | 80  | 38  | 10  | 7   | 15  | 24  | 2214 | 92.3 | F | 2:31  | 136 | 13:57 | 156 | *     | *    | *    | *  | 7:55  | 69 | 20:34 | 6   | *     | *   | *     | *   |    |    |
| 15 | 49   | 92  | 128 | 139 | 137 | 138 | 129 | 102 | 77  | 75  | 87  | 93  | 103 | 130 | 159 | 161 | 142 | 124 | 104 | 65  | 20  | -2  | 3   | 12  | 2267 | 94.5 |   | 3: 3  | 139 | 14:34 | 164 | *     | *    | *    | *  | 8:32  | 73 | 21:12 | -2  | *     | *   | *     | *   |    |    |
| 16 | 22   | 54  | 102 | 134 | 137 | 136 | 139 | 127 | 97  | 77  | 84  | 97  | 101 | 114 | 145 | 169 | 160 | 135 | 118 | 95  | 50  | 8   | -4  | 6   | 2303 | 96.0 |   | 3:38  | 138 | 5:57  | 139 | 15:13 | 169  | *    | *  | *     | *  | 4:43  | 135 | 9:10  | 77  | 21:51 | #-4 | *  | *  |
| 17 | 13   | 26  | 65  | 112 | 134 | 132 | 133 | 137 | 120 | 90  | 80  | 94  | 104 | 107 | 124 | 156 | 169 | 151 | 127 | 112 | 84  | 39  | 5   | 2   | 2316 | 96.5 |   | 4:15  | 135 | 6:49  | 137 | 15:53 | #170 | *    | *  | *     | *  | 5:23  | 131 | 9:50  | 80  | 22:32 | 0   | *  | *  |
| 18 | 13   | 18  | 36  | 78  | 118 | 130 | 126 | 130 | 132 | 111 | 86  | 85  | 100 | 107 | 110 | 132 | 159 | 161 | 139 | 119 | 104 | 75  | 33  | 10  | 2312 | 96.3 |   | 4:55  | 130 | 7:38  | 133 | 16:34 | 165  | *    | *  | *     | *  | 6: 5  | 126 | 10:31 | 82  | 23:16 | 9   | *  | *  |
| 19 | 14   | 22  | 28  | 49  | 90  | 120 | 124 | 121 | 127 | 125 | 103 | 85  | 90  | 103 | 106 | 112 | 134 | 153 | 147 | 126 | 111 | 97  | 68  | 35  | 2290 | 95.4 |   | 5:39  | 125 | 8:24  | 128 | 17:17 | 154  | *    | *  | *     | *  | 6:48  | 121 | 11:16 | 85  | *     | *   | *  | *  |
| 20 | 21   | 27  | 33  | 40  | 64  | 98  | 118 | 119 | 119 | 124 | 117 | 98  | 87  | 93  | 102 | 103 | 110 | 128 | 140 | 131 | 115 | 104 | 91  | 66  | 2248 | 93.7 |   | 6:29  | 120 | 9: 8  | 124 | 18: 4 | 140  | *    | *  | *     | *  | 0: 2  | 21  | 7:32  | 118 | 12: 5 | 87  | *  | *  |
| 21 | 42   | 36  | 41  | 45  | 53  | 75  | 102 | 116 | 117 | 118 | 120 | 113 | 97  | 89  | 93  | 97  | 97  | 104 | 117 | 123 | 116 | 106 | 99  | 88  | 2204 | 91.8 | L | 9:53  | 120 | 18:57 | 123 | *     | *    | *    | *  | 0:53  | 35 | 13: 4 | 89  | *     | *   | *     | *   |    |    |
| 22 | 70   | 54  | 49  | 52  | 56  | 64  | 83  | 104 | 115 | 117 | 118 | 118 | 111 | 98  | 90  | 89  | 89  | 88  | 92  | 102 | 108 | 105 | 100 | 97  | 2169 | 90.4 |   | 10:37 | 119 | 20: 8 | 108 | *     | *    | *    | *  | 1:53  | 49 | 16:51 | 88  | *     | *   | *     | *   |    |    |
| 23 | 91   | 78  | 66  | 61  | 62  | 65  | 73  | 88  | 106 | 116 | 119 | 120 | 119 | 111 | 98  | 86  | 81  | 78  | 76  | 79  | 88  | 96  | 99  | 99  | 2155 | 89.8 |   | 11:13 | 120 | 23: 6 | 99  | *     | *    | *    | *  | 3:12  | 61 | 18: 2 | 76  | *     | *   | *     | *   |    |    |
| 24 | 99   | 97  | 88  | 76  | 69  | 68  | 71  | 78  | 92  | 108 | 120 | 123 | 123 | 120 | 110 | 94  | 79  | 69  | 65  | 63  | 66  | 77  | 90  | 99  | 2144 | 89.3 |   | 11:15 | 123 | *     | *   | *     | *    | 4:36 | 68 | 18:59 | 63 | *     | *   | *     | *   |       |     |    |    |
| 25 | 103  | 106 | 105 | 96  | 83  | 74  | 72  | 76  | 83  | 96  | 113 | 125 | 128 | 126 | 120 | 107 | 87  | 67  | 55  | 51  | 51  | 57  | 72  | 91  | 2144 | 89.3 |   | 1:26  | 106 | 11:53 | 128 | *     | *    | *    | *  | 5:41  | 72 | 19:33 | 51  | *     | *   | *     | *   |    |    |
| 26 | 104  | 110 | 114 | 113 | 103 | 86  | 76  | 75  | 80  | 87  | 101 | 120 | 133 | 133 | 127 | 117 | 100 | 75  | 52  | 41  | 39  | 42  | 52  | 73  | 2153 | 89.7 |   | 2:25  | 114 | 12:33 | 134 | *     | *    | *    | *  | 6:32  | 74 | 19:39 | 39  | *     | *   | *     | *   |    |    |
| 27 | 97   | 113 | 119 | 121 | 119 | 105 | 86  | 76  | 78  | 85  | 93  | 109 | 129 | 140 | 136 | 125 | 111 | 89  | 59  | 36  | 28  | 31  | 38  | 53  | 2176 | 90.7 |   | 3:12  | 121 | 13:12 | 141 | *     | *    | *    | *  | 7:15  | 76 | 20: 2 | 28  | *     | *   | *     | *   |    |    |
| 28 | 81   | 108 | 122 | 126 | 126 | 121 | 103 | 84  | 77  | 83  | 90  | 100 | 119 | 140 | 146 | 135 | 119 | 101 | 74  | 42  | 22  | 21  | 28  | 39  | 2207 | 92.0 |   | 3:51  | 127 | 13:49 | 146 | *     | *    | *    | *  | 7:55  | 77 | 20:33 | 20  | *     | *   | *     | *   |    |    |
| 29 | 61   | 93  | 120 | 129 | 130 | 129 | 119 | 99  | 81  | 80  | 88  | 96  | 109 | 131 | 149 | 147 | 130 | 111 | 88  | 56  | 26  | 14  | 19  | 28  | 2233 | 93.0 | N | 3:59  | 130 | 14:24 | 151 | *     | *    | *    | *  | 8:33  | 79 | 21: 6 | 14  | *     | *   | *     | *   |    |    |
| 30 | 44   | 73  | 107 | 128 | 132 | 131 | 128 | 114 | 92  | 81  | 85  | 94  | 103 | 120 | 143 | 153 | 142 | 121 | 100 | 73  | 39  | 15  | 12  | 20  | 2250 | 93.8 |   | 3:56  | 132 | 14:58 | 153 | *     | *    | *    | *  | 9: 9  | 81 | 21:40 | 11  | *     | *   | *     | *   |    |    |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|-------------|-----|----|-------------|----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時          | 潮位 | 回数 |
| 720      | 66378        | 92.2          | 17日 15時 53分 | 170 | 1  | 16日 21時 51分 | -4 | 1  |

### 推算潮位（毎時・満干潮）

地点名：森

緯度：42 ° 7 N

経度：140 ° 36 E

潮位表基準面の零点：平均海面下 92.0(cm)

2016 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  | 33   | 55  | 89  | 119 | 132 | 132 | 131 | 124 | 105 | 87  | 83  | 91  | 99  | 111 | 132 | 151 | 151 | 133 | 111 | 87  | 56  | 25  | 11  | 15  | 2263 | 94.3 |   | 4:28  | 133 | 15:30 | 153  | *     | *   | *    | *  | 9:43  | 83  | 22:13 | 10   | *     | *  | *  | *  |
| 2  | 25   | 42  | 70  | 104 | 126 | 132 | 131 | 128 | 116 | 97  | 85  | 88  | 96  | 104 | 120 | 141 | 152 | 142 | 121 | 100 | 73  | 41  | 17  | 13  | 2264 | 94.3 |   | 5: 4  | 132 | 16: 0 | 152  | *     | *   | *    | *  | 10:16 | 84  | 22:44 | 12   | *     | *  | *  | *  |
| 3  | 21   | 33  | 54  | 85  | 115 | 128 | 129 | 129 | 123 | 107 | 90  | 86  | 92  | 99  | 109 | 128 | 145 | 146 | 130 | 110 | 88  | 60  | 31  | 17  | 2255 | 94.0 |   | 5:44  | 129 | 16:32 | 148  | *     | *   | *    | *  | 10:47 | 86  | 23:15 | 16   | *     | *  | *  | *  |
| 4  | 20   | 29  | 43  | 67  | 98  | 120 | 126 | 126 | 126 | 117 | 99  | 88  | 89  | 96  | 102 | 113 | 131 | 142 | 135 | 117 | 99  | 77  | 50  | 27  | 2237 | 93.2 |   | 7:24  | 126 | 17: 6 | 142  | *     | *   | *    | *  | 11:21 | 87  | 23:49 | 22   | *     | *  | *  | *  |
| 5  | 22   | 29  | 38  | 54  | 80  | 107 | 120 | 123 | 124 | 122 | 110 | 94  | 88  | 92  | 97  | 102 | 114 | 129 | 133 | 122 | 107 | 91  | 70  | 46  | 2214 | 92.3 |   | 8:11  | 124 | 17:44 | 134  | *     | *   | *    | *  | 12: 0 | 88  | *     | *    | *     | *  | *  | *  |
| 6  | 31   | 31  | 38  | 48  | 65  | 89  | 110 | 119 | 121 | 122 | 118 | 105 | 92  | 89  | 91  | 94  | 99  | 110 | 121 | 122 | 112 | 99  | 86  | 67  | 2179 | 90.8 |   | 8:53  | 122 | 18:31 | 123  | *     | *   | *    | *  | 0:27  | 29  | 12:51 | 88   | *     | *  | *  | *  |
| 7  | 49   | 40  | 42  | 48  | 58  | 74  | 95  | 112 | 119 | 121 | 120 | 114 | 102 | 91  | 86  | 86  | 87  | 91  | 101 | 110 | 111 | 104 | 96  | 86  | 2143 | 89.3 | U | 9:30  | 121 | 19:34 | 111  | *     | *   | *    | *  | 1:14  | 39  | 14:31 | 86   | *     | *  | *  | *  |
| 8  | 72   | 58  | 51  | 53  | 58  | 66  | 81  | 100 | 114 | 120 | 122 | 120 | 113 | 100 | 88  | 80  | 76  | 75  | 79  | 88  | 98  | 102 | 101 | 97  | 2112 | 88.0 |   | 10: 0 | 122 | 21:14 | 103  | *     | *   | *    | *  | 2:15  | 51  | 16:49 | 75   | *     | *  | *  | *  |
| 9  | 91   | 81  | 70  | 63  | 63  | 67  | 74  | 87  | 104 | 117 | 124 | 125 | 121 | 112 | 98  | 81  | 68  | 62  | 60  | 64  | 74  | 88  | 98  | 103 | 2095 | 87.3 |   | 10:35 | 125 | 23:35 | 103  | *     | *   | *    | *  | 3:36  | 62  | 17:51 | 60   | *     | *  | *  | *  |
| 10 | 103  | 101 | 94  | 83  | 74  | 71  | 75  | 82  | 93  | 109 | 123 | 130 | 129 | 123 | 112 | 93  | 70  | 52  | 44  | 43  | 48  | 61  | 81  | 99  | 2093 | 87.2 |   | 11:18 | 131 | *     | *    | *     | *   | 4:51 | 71 | 18:39 | 43  | *     | *    | *     | *  |    |    |
| 11 | 108  | 112 | 112 | 107 | 94  | 82  | 78  | 82  | 89  | 99  | 115 | 132 | 139 | 134 | 125 | 110 | 86  | 56  | 34  | 27  | 28  | 35  | 52  | 79  | 2115 | 88.1 |   | 1:42  | 112 | 12: 2 | 139  | *     | *   | *    | *  | 5:51  | 78  | 19:17 | 27   | *     | *  | *  | *  |
| 12 | 104  | 116 | 121 | 123 | 118 | 101 | 86  | 84  | 90  | 96  | 106 | 124 | 143 | 148 | 139 | 125 | 107 | 76  | 40  | 17  | 13  | 16  | 24  | 47  | 2164 | 90.2 |   | 2:59  | 123 | 12:46 | 148  | *     | *   | *    | *  | 6:40  | 83  | 19:50 | 12   | *     | *  | *  | *  |
| 13 | 83   | 111 | 123 | 128 | 131 | 124 | 104 | 88  | 88  | 97  | 102 | 112 | 135 | 155 | 155 | 140 | 123 | 101 | 64  | 24  | 4   | 4   | 9   | 19  | 2224 | 92.7 |   | 4: 2  | 131 | 13:30 | 158  | *     | *   | *    | *  | 7:25  | 86  | 20:25 | 2    | *     | *  | *  | *  |
| 14 | 49   | 91  | 120 | 128 | 132 | 137 | 126 | 102 | 87  | 93  | 102 | 106 | 119 | 146 | 165 | 158 | 138 | 120 | 95  | 51  | 11  | -3  | 1   | 6   | 2280 | 95.0 | F | 4:58  | 137 | 14:13 | 166  | *     | *   | *    | *  | 8: 9  | 87  | 21: 3 | -3   | *     | *  | *  | *  |
| 15 | 20   | 58  | 103 | 126 | 130 | 135 | 138 | 123 | 96  | 87  | 97  | 105 | 108 | 126 | 156 | 170 | 155 | 133 | 116 | 86  | 39  | 3   | -3  | 4   | 2311 | 96.3 |   | 5:49  | 139 | 14:55 | #170 | *     | *   | *    | *  | 8:52  | 86  | 21:42 | # -4 | *     | *  | *  | *  |
| 16 | 9    | 28  | 72  | 114 | 129 | 129 | 135 | 136 | 115 | 89  | 86  | 99  | 105 | 109 | 132 | 162 | 167 | 146 | 126 | 109 | 76  | 29  | 2   | 4   | 2308 | 96.2 |   | 6:36  | 138 | 15:38 | 169  | *     | *   | *    | *  | 9:35  | 84  | 22:22 | 0    | *     | *  | *  | *  |
| 17 | 11   | 17  | 42  | 88  | 122 | 129 | 128 | 134 | 130 | 105 | 83  | 87  | 99  | 103 | 110 | 137 | 161 | 157 | 135 | 118 | 101 | 65  | 25  | 8   | 2295 | 95.6 |   | 7:20  | 135 | 16:21 | 164  | *     | *   | *    | *  | 10:20 | 82  | 23: 3 | 8    | *     | *  | *  | *  |
| 18 | 15   | 22  | 31  | 60  | 103 | 127 | 127 | 127 | 131 | 121 | 95  | 80  | 87  | 97  | 100 | 111 | 137 | 153 | 143 | 122 | 109 | 92  | 58  | 27  | 2275 | 94.8 |   | 5:26  | 129 | 8: 1  | 131  | 17: 5 | 153 | *    | *  | 6:35  | 126 | 11: 6 | 80   | 23:45 | 19 | *  | *  |
| 19 | 20   | 29  | 35  | 48  | 79  | 114 | 129 | 126 | 126 | 126 | 111 | 88  | 78  | 86  | 93  | 96  | 109 | 130 | 139 | 126 | 111 | 100 | 83  | 55  | 2237 | 93.2 |   | 6: 9  | 129 | 8:38  | 127  | 17:51 | 139 | *    | *  | 7:32  | 125 | 11:55 | 78   | *     | *  | *  | *  |
| 20 | 34   | 34  | 43  | 51  | 65  | 94  | 121 | 129 | 125 | 124 | 120 | 103 | 84  | 78  | 84  | 88  | 91  | 103 | 119 | 122 | 112 | 101 | 93  | 79  | 2197 | 91.5 |   | 6:56  | 129 | 18:42 | 123  | *     | *   | *    | *  | 0:29  | 32  | 12:50 | 78   | *     | *  | *  | *  |
| 21 | 58   | 46  | 49  | 57  | 65  | 81  | 105 | 124 | 128 | 124 | 121 | 114 | 98  | 82  | 77  | 80  | 81  | 83  | 93  | 105 | 107 | 100 | 94  | 89  | 2161 | 90.0 | L | 7:47  | 128 | 19:41 | 107  | *     | *   | *    | *  | 1:15  | 46  | 13:58 | 77   | *     | *  | *  | *  |
| 22 | 80   | 67  | 60  | 63  | 70  | 78  | 92  | 111 | 125 | 128 | 123 | 118 | 110 | 96  | 81  | 74  | 73  | 72  | 73  | 81  | 91  | 95  | 93  | 92  | 2146 | 89.4 |   | 8:42  | 128 | 21: 3 | 95   | *     | *   | *    | *  | 2: 8  | 60  | 17:12 | 72   | *     | *  | *  | *  |
| 23 | 91   | 86  | 78  | 72  | 74  | 80  | 87  | 99  | 114 | 126 | 128 | 123 | 117 | 108 | 94  | 78  | 68  | 63  | 61  | 62  | 70  | 81  | 89  | 92  | 2141 | 89.2 |   | 9:41  | 128 | *     | *    | *     | *   | 3:13 | 72 | 18:16 | 61  | *     | *    | *     | *  |    |    |
| 24 | 95   | 98  | 96  | 89  | 82  | 82  | 87  | 93  | 103 | 117 | 127 | 129 | 124 | 117 | 107 | 90  | 72  | 58  | 51  | 49  | 52  | 61  | 76  | 89  | 2144 | 89.3 |   | 1:12  | 98  | 10:44 | 129  | *     | *   | *    | *  | 4:31  | 81  | 19: 1 | 49   | *     | *  | *  | *  |
| 25 | 97   | 103 | 107 | 105 | 97  | 89  | 87  | 91  | 97  | 106 | 119 | 130 | 132 | 127 | 117 | 104 | 84  | 61  | 45  | 39  | 39  | 44  | 57  | 76  | 2153 | 89.7 |   | 2:18  | 107 | 11:44 | 132  | *     | *   | *    | *  | 5:44  | 87  | 19:29 | 38   | *     | *  | *  | *  |
| 26 | 94   | 106 | 112 | 116 | 113 | 102 | 91  | 89  | 94  | 100 | 110 | 123 | 135 | 136 | 128 | 115 | 98  | 74  | 48  | 32  | 28  | 31  | 40  | 58  | 2173 | 90.5 |   | 3: 7  | 116 | 12:37 | 137  | *     | *   | *    | *  | 6:44  | 89  | 19:56 | 28   | *     | *  | *  | *  |
| 27 | 83   | 104 | 116 | 121 | 123 | 116 | 102 | 91  | 90  | 96  | 103 | 114 | 130 | 142 | 140 | 127 | 110 | 88  | 60  | 34  | 21  | 21  | 28  | 41  | 2201 | 91.7 |   | 3:45  | 123 | 13:22 | 143  | *     | *   | *    | *  | 7:34  | 89  | 20:28 | 20   | *     | *  | *  | *  |
| 28 | 66   | 95  | 115 | 124 | 127 | 126 | 115 | 99  | 89  | 91  | 98  | 106 | 121 | 139 | 148 | 140 | 123 | 102 | 76  | 45  | 21  | 13  | 18  | 28  | 2225 | 92.7 |   | 4:17  | 128 | 14: 2 | 148  | *     | *   | *    | *  | 8:17  | 89  | 21: 1 | 13   | *     | *  | *  | *  |
| 29 | 48   | 78  | 108 | 124 | 130 | 131 | 125 | 110 | 93  | 88  | 92  | 100 | 111 | 130 | 148 | 150 | 137 | 116 | 92  | 61  | 30  | 12  | 11  | 19  | 2244 | 93.5 | N | 4:44  | 131 | 14:38 | 151  | *     | *   | *    | *  | 8:56  | 88  | 21:34 | 10   | *     | *  | *  | *  |
| 30 | 33   | 60  | 94  | 119 | 130 | 132 | 131 | 120 | 101 | 88  | 87  | 94  | 103 | 118 | 140 | 153 | 147 | 129 | 107 | 79  | 46  | 18  | 8   | 13  | 2250 | 93.8 |   | 5:13  | 132 | 15:12 | 154  | *     | *   | *    | *  | 9:31  | 86  | 22: 5 | 8    | *     | *  | *  | *  |
| 31 | 23   | 43  | 75  | 108 | 126 | 131 | 132 | 127 | 112 | 93  | 85  | 89  | 96  | 107 | 127 | 148 | 153 | 140 | 119 | 96  | 65  | 32  | 12  | 10  | 2249 | 93.7 |   | 5:50  | 132 | 15:45 | 154  | *     | *   | *    | *  | 10: 2 | 85  | 22:34 | 9    | *     | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|-------------|-----|----|-------------|----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時          | 潮位 | 回数 |
| 744      | 68348        | 91.9          | 15日 14時 55分 | 170 | 1  | 15日 21時 42分 | -4 | 1  |