

# 推算潮位 (毎時・満干潮)

地点名: 根室

緯度: 43 °21 N

経度: 145 °35 E

潮位表基準面の零点: 平均海面下 87.0(cm)

2013 年 1 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | 満潮   |      |   |       |     |       |      |    | 干潮 |       |    |       |     |       |    |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|------|------|---|-------|-----|-------|------|----|----|-------|----|-------|-----|-------|----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22 | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 21   | 37  | 63  | 92  | 115 | 128 | 132 | 127 | 116 | 103 | 93  | 87  | 89  | 98  | 114 | 129 | 139 | 140 | 131 | 113 | 89  | 63  | 41 | 26 | 2286 | 95.3 |   | 5:52  | 132 | 16:34 | 141  | *  | *  | *     | *  | 11:17 | 87  | 23:46 | 23 | *  | *  | *  | *  |
| 2  | 24   | 33  | 54  | 81  | 106 | 123 | 131 | 130 | 121 | 108 | 95  | 86  | 83  | 88  | 100 | 115 | 128 | 135 | 132 | 120 | 102 | 79  | 57 | 40 | 2271 | 94.6 |   | 6:21  | 132 | 17:11 | 135  | *  | *  | *     | *  | 11:55 | 83  | *     | *  | *  | *  | *  | *  |
| 3  | 32   | 35  | 49  | 71  | 96  | 116 | 128 | 132 | 126 | 115 | 100 | 88  | 81  | 80  | 86  | 98  | 113 | 123 | 126 | 122 | 110 | 92  | 73 | 56 | 2248 | 93.7 |   | 6:52  | 132 | 17:55 | 126  | *  | *  | *     | *  | 0:16  | 32  | 12:39 | 79 | *  | *  | *  | *  |
| 4  | 46   | 43  | 51  | 67  | 88  | 108 | 123 | 131 | 130 | 121 | 107 | 92  | 81  | 75  | 75  | 82  | 93  | 106 | 114 | 116 | 112 | 101 | 87 | 72 | 2221 | 92.5 |   | 7:24  | 131 | 18:51 | 116  | *  | *  | *     | *  | 0:45  | 43  | 13:32 | 74 | *  | *  | *  | *  |
| 5  | 62   | 57  | 59  | 68  | 84  | 102 | 118 | 128 | 132 | 127 | 116 | 100 | 86  | 75  | 69  | 68  | 74  | 84  | 94  | 102 | 105 | 103 | 96 | 86 | 2195 | 91.5 | L | 7:57  | 132 | 20: 7 | 105  | *  | *  | *     | *  | 1:13  | 57  | 14:40 | 68 | *  | *  | *  | *  |
| 6  | 77   | 72  | 72  | 76  | 84  | 98  | 113 | 125 | 132 | 132 | 125 | 112 | 96  | 82  | 70  | 62  | 58  | 62  | 71  | 81  | 90  | 96  | 97 | 94 | 2177 | 90.7 |   | 8:34  | 133 | 21:48 | 97   | *  | *  | *     | *  | 1:37  | 72  | 16: 1 | 58 | *  | *  | *  | *  |
| 7  | 90   | 87  | 86  | 87  | 90  | 97  | 108 | 120 | 130 | 134 | 133 | 125 | 111 | 95  | 80  | 65  | 53  | 46  | 48  | 56  | 67  | 79  | 89 | 94 | 2170 | 90.4 |   | 9:20  | 135 | *     | *    | *  | *  | 1:46  | 86 | 17:20 | 46  | *     | *  | *  | *  |    |    |
| 8  | 97   | 97  | 98  | 99  | 99  | 100 | 105 | 114 | 124 | 133 | 137 | 136 | 128 | 114 | 97  | 78  | 59  | 43  | 33  | 33  | 42  | 56  | 71 | 85 | 2178 | 90.8 |   | 10:18 | 138 | *     | *    | *  | *  | 18:29 | 32 | *     | *   | *     | *  | *  | *  |    |    |
| 9  | 96   | 103 | 106 | 108 | 108 | 106 | 105 | 108 | 116 | 126 | 135 | 141 | 141 | 133 | 118 | 99  | 76  | 52  | 32  | 20  | 20  | 31  | 48 | 68 | 2196 | 91.5 |   | 3:26  | 109 | 11:28 | 142  | *  | *  | *     | *  | 5:52  | 105 | 19:29 | 19 | *  | *  | *  | *  |
| 10 | 87   | 101 | 110 | 115 | 116 | 113 | 108 | 105 | 107 | 115 | 127 | 138 | 146 | 147 | 139 | 123 | 100 | 72  | 45  | 22  | 9   | 11  | 25 | 47 | 2228 | 92.8 |   | 3:41  | 116 | 12:38 | 148  | *  | *  | *     | *  | 7:10  | 105 | 20:23 | 8  | *  | *  | *  | *  |
| 11 | 71   | 93  | 109 | 118 | 121 | 119 | 113 | 105 | 101 | 103 | 113 | 127 | 141 | 151 | 153 | 144 | 125 | 98  | 67  | 37  | 13  | 2   | 7  | 26 | 2257 | 94.0 |   | 4: 0  | 121 | 13:40 | 154  | *  | *  | *     | *  | 8:13  | 101 | 21:11 | 2  | *  | *  | *  | *  |
| 12 | 52   | 79  | 103 | 118 | 125 | 124 | 118 | 108 | 99  | 94  | 97  | 110 | 127 | 145 | 156 | 156 | 145 | 123 | 93  | 60  | 29  | 8   | 0  | 10 | 2279 | 95.0 | N | 4:23  | 125 | 14:34 | 157  | *  | *  | *     | *  | 9: 8  | 94  | 21:55 | #0 | *  | *  | *  | *  |
| 13 | 33   | 63  | 92  | 114 | 126 | 129 | 124 | 113 | 101 | 91  | 86  | 92  | 108 | 129 | 147 | 157 | 155 | 141 | 116 | 85  | 52  | 24  | 6  | 5  | 2289 | 95.4 |   | 4:48  | 129 | 15:22 | #158 | *  | *  | *     | *  | 9:58  | 86  | 22:36 | 3  | *  | *  | *  | *  |
| 14 | 20   | 48  | 79  | 106 | 124 | 131 | 129 | 120 | 106 | 93  | 82  | 80  | 89  | 108 | 130 | 147 | 154 | 150 | 133 | 107 | 76  | 46  | 22 | 11 | 2291 | 95.5 |   | 5:15  | 132 | 16: 7 | 155  | *  | *  | *     | *  | 10:44 | 79  | 23:13 | 10 | *  | *  | *  | *  |
| 15 | 16   | 37  | 67  | 96  | 119 | 132 | 134 | 127 | 113 | 98  | 84  | 75  | 75  | 88  | 108 | 129 | 144 | 147 | 140 | 121 | 95  | 67  | 42 | 26 | 2280 | 95.0 |   | 5:43  | 134 | 16:50 | 148  | *  | *  | *     | *  | 11:28 | 74  | 23:47 | 21 | *  | *  | *  | *  |
| 16 | 22   | 33  | 57  | 87  | 112 | 129 | 136 | 133 | 121 | 105 | 89  | 76  | 70  | 73  | 88  | 108 | 126 | 136 | 137 | 127 | 108 | 85  | 62 | 44 | 2264 | 94.3 |   | 6:10  | 136 | 17:33 | 138  | *  | *  | *     | *  | 12:12 | 70  | *     | *  | *  | *  | *  | *  |
| 17 | 35   | 38  | 54  | 79  | 105 | 124 | 135 | 136 | 128 | 114 | 97  | 82  | 71  | 67  | 73  | 87  | 105 | 119 | 126 | 124 | 114 | 97  | 78 | 62 | 2250 | 93.8 |   | 6:38  | 137 | 18:17 | 126  | *  | *  | *     | *  | 0:18  | 35  | 12:57 | 67 | *  | *  | *  | *  |
| 18 | 52   | 50  | 58  | 75  | 98  | 118 | 132 | 137 | 133 | 122 | 106 | 90  | 77  | 69  | 66  | 72  | 85  | 99  | 110 | 114 | 111 | 102 | 89 | 76 | 2241 | 93.4 |   | 7: 6  | 137 | 19: 8 | 114  | *  | *  | *     | *  | 0:44  | 50  | 13:48 | 66 | *  | *  | *  | *  |
| 19 | 67   | 64  | 67  | 77  | 94  | 112 | 127 | 135 | 135 | 128 | 115 | 100 | 86  | 75  | 67  | 65  | 70  | 80  | 90  | 98  | 102 | 100 | 94 | 86 | 2234 | 93.1 | U | 7:35  | 136 | 20:11 | 102  | *  | *  | *     | *  | 1: 2  | 64  | 14:50 | 65 | *  | *  | *  | *  |
| 20 | 80   | 78  | 79  | 84  | 94  | 107 | 120 | 130 | 134 | 132 | 123 | 111 | 97  | 84  | 74  | 65  | 62  | 64  | 71  | 80  | 88  | 92  | 93 | 91 | 2233 | 93.0 |   | 8: 9  | 134 | 21:40 | 93   | *  | *  | *     | *  | 1: 3  | 78  | 16: 7 | 62 | *  | *  | *  | *  |
| 21 | 88   | 88  | 90  | 93  | 98  | 105 | 115 | 124 | 130 | 132 | 129 | 121 | 109 | 97  | 84  | 72  | 62  | 56  | 56  | 62  | 70  | 79  | 86 | 90 | 2236 | 93.2 |   | 8:53  | 132 | *     | *    | *  | *  | 0:37  | 88 | 17:28 | 55  | *     | *  | *  | *  |    |    |
| 22 | 93   | 95  | 98  | 101 | 103 | 105 | 110 | 117 | 124 | 129 | 131 | 128 | 121 | 111 | 98  | 84  | 69  | 56  | 48  | 47  | 53  | 63  | 75 | 85 | 2244 | 93.5 |   | 9:52  | 131 | *     | *    | *  | *  | 18:36 | 46 | *     | *   | *     | *  | *  | *  |    |    |
| 23 | 93   | 99  | 104 | 107 | 108 | 107 | 108 | 111 | 116 | 123 | 128 | 131 | 130 | 124 | 113 | 99  | 81  | 62  | 47  | 38  | 38  | 46  | 60 | 75 | 2248 | 93.7 |   | 11:10 | 131 | *     | *    | *  | *  | 19:30 | 37 | *     | *   | *     | *  | *  | *  |    |    |
| 24 | 89   | 100 | 107 | 111 | 112 | 110 | 107 | 106 | 108 | 114 | 122 | 129 | 134 | 133 | 127 | 114 | 96  | 74  | 53  | 37  | 29  | 32  | 44 | 63 | 2251 | 93.8 |   | 3:38  | 112 | 12:25 | 134  | *  | *  | *     | *  | 6:54  | 106 | 20:13 | 29 | *  | *  | *  | *  |
| 25 | 82   | 98  | 109 | 115 | 116 | 113 | 107 | 103 | 101 | 104 | 112 | 123 | 133 | 139 | 138 | 129 | 112 | 90  | 65  | 42  | 27  | 23  | 30 | 48 | 2259 | 94.1 |   | 3:41  | 116 | 13:22 | 139  | *  | *  | *     | *  | 7:52  | 101 | 20:51 | 23 | *  | *  | *  | *  |
| 26 | 71   | 92  | 109 | 118 | 121 | 117 | 110 | 102 | 96  | 96  | 101 | 112 | 126 | 138 | 143 | 140 | 127 | 106 | 80  | 53  | 31  | 19  | 21 | 34 | 2263 | 94.3 |   | 3:53  | 121 | 14: 7 | 143  | *  | *  | *     | *  | 8:36  | 95  | 21:25 | 18 | *  | *  | *  | *  |
| 27 | 57   | 83  | 105 | 119 | 125 | 122 | 114 | 104 | 94  | 89  | 91  | 100 | 115 | 131 | 143 | 146 | 138 | 121 | 96  | 67  | 41  | 23  | 16 | 24 | 2264 | 94.3 | F | 4:10  | 125 | 14:46 | 146  | *  | *  | *     | *  | 9:14  | 89  | 21:57 | 16 | *  | *  | *  | *  |
| 28 | 44   | 71  | 98  | 118 | 128 | 128 | 120 | 108 | 95  | 86  | 83  | 89  | 102 | 120 | 137 | 146 | 145 | 132 | 111 | 84  | 55  | 32  | 19 | 19 | 2270 | 94.6 |   | 4:30  | 129 | 15:22 | 147  | *  | *  | *     | *  | 9:51  | 83  | 22:28 | 17 | *  | *  | *  | *  |
| 29 | 34   | 59  | 88  | 113 | 128 | 132 | 126 | 114 | 99  | 85  | 77  | 78  | 88  | 106 | 126 | 141 | 146 | 140 | 124 | 99  | 72  | 46  | 27 | 21 | 2269 | 94.5 |   | 4:53  | 132 | 15:58 | 146  | *  | *  | *     | *  | 10:26 | 77  | 22:58 | 21 | *  | *  | *  | *  |
| 30 | 29   | 49  | 78  | 105 | 125 | 134 | 132 | 121 | 105 | 88  | 75  | 70  | 75  | 90  | 110 | 129 | 141 | 142 | 132 | 113 | 88  | 62  | 41 | 30 | 2264 | 94.3 |   | 5:17  | 134 | 16:35 | 143  | *  | *  | *     | *  | 11: 2 | 70  | 23:27 | 28 | *  | *  | *  | *  |
| 31 | 30   | 44  | 69  | 97  | 120 | 133 | 135 | 127 | 112 | 93  | 77  | 67  | 65  | 74  | 91  | 112 | 129 | 137 | 134 | 122 | 102 | 79  | 58 | 44 | 2251 | 93.8 |   | 5:42  | 136 | 17:15 | 137  | *  | *  | *     | *  | 11:40 | 64  | 23:55 | 39 | *  | *  | *  | *  |

| 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      | 69607        | 93.6          | 13 日 15 時 22 分 | 158 | 1  | 12 日 21 時 55 分 | 0  | 1  |

# 推算潮位（毎時・満干潮）

地点名：根室

緯度：43 °21 N

経度：145 °35 E

潮位表基準面の零点：平均海面下 87.0(cm)

2013 年 2 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | 満潮   |      |   |       |     |       |      |    | 干潮 |       |    |       |     |       |    |       |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|------|------|---|-------|-----|-------|------|----|----|-------|----|-------|-----|-------|----|-------|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22 | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻    | 潮位 | 時刻 | 潮位 |
| 1  | 39   | 46  | 64  | 89  | 113 | 130 | 137 | 133 | 120 | 101 | 82  | 67  | 60  | 61  | 73  | 92  | 111 | 124 | 128 | 124 | 111 | 92  | 74 | 59 | 2230 | 92.9 |   | 6:8   | 137 | 17:59 | 128  | *  | *  | *     | *  | 12:20 | 59  | *     | *  | *     | *  | *  | *  |
| 2  | 52   | 54  | 65  | 85  | 107 | 126 | 136 | 137 | 128 | 111 | 91  | 73  | 60  | 55  | 58  | 71  | 88  | 105 | 115 | 117 | 112 | 101 | 86 | 74 | 2207 | 92.0 |   | 6:34  | 138 | 18:50 | 117  | *  | *  | *     | *  | 0:21  | 52  | 13:7  | 55 | *     | *  | *  | *  |
| 3  | 67   | 66  | 71  | 84  | 103 | 121 | 134 | 138 | 134 | 121 | 103 | 83  | 67  | 56  | 52  | 55  | 66  | 81  | 94  | 103 | 105 | 101 | 93 | 84 | 2182 | 90.9 | L | 7:2   | 138 | 19:54 | 105  | *  | *  | *     | *  | 0:40  | 65  | 14:6  | 52 | *     | *  | *  | *  |
| 4  | 79   | 78  | 81  | 88  | 100 | 115 | 129 | 137 | 137 | 131 | 117 | 98  | 80  | 66  | 55  | 49  | 50  | 59  | 71  | 82  | 90  | 94  | 93 | 90 | 2169 | 90.4 |   | 7:36  | 138 | 21:24 | 94   | *  | *  | *     | *  | 0:44  | 78  | 15:21 | 49 | *     | *  | *  | *  |
| 5  | 88   | 88  | 90  | 94  | 100 | 110 | 122 | 131 | 136 | 136 | 128 | 115 | 98  | 82  | 67  | 55  | 46  | 43  | 48  | 58  | 69  | 79  | 86 | 90 | 2159 | 90.0 |   | 8:22  | 137 | *     | *    | *  | *  | 0:26  | 87 | 16:48 | 43  | *     | *  | *     | *  |    |    |
| 6  | 92   | 95  | 98  | 101 | 103 | 107 | 113 | 122 | 130 | 134 | 134 | 129 | 118 | 103 | 87  | 70  | 53  | 40  | 34  | 37  | 46  | 59  | 71 | 83 | 2159 | 90.0 |   | 9:30  | 135 | *     | *    | *  | *  | 18:10 | 34 | *     | *   | *     | *  | *     | *  |    |    |
| 7  | 92   | 98  | 103 | 107 | 107 | 106 | 106 | 110 | 118 | 126 | 132 | 135 | 132 | 123 | 109 | 91  | 71  | 50  | 33  | 24  | 26  | 37  | 53 | 70 | 2159 | 90.0 |   | 3:48  | 107 | 11:3  | 135  | *  | *  | *     | *  | 5:30  | 106 | 19:17 | 24 | *     | *  | *  | *  |
| 8  | 86   | 99  | 107 | 111 | 112 | 108 | 103 | 100 | 103 | 111 | 121 | 131 | 137 | 138 | 130 | 115 | 94  | 69  | 44  | 24  | 15  | 19  | 34 | 54 | 2165 | 90.2 |   | 3:36  | 112 | 12:33 | 139  | *  | *  | *     | *  | 7:5   | 100 | 20:11 | 15 | *     | *  | *  | *  |
| 9  | 76   | 95  | 109 | 116 | 117 | 112 | 104 | 95  | 91  | 94  | 104 | 118 | 132 | 142 | 144 | 135 | 117 | 92  | 64  | 37  | 17  | 10  | 18 | 38 | 2177 | 90.7 |   | 3:39  | 117 | 13:41 | 144  | *  | *  | *     | *  | 8:9   | 91  | 20:57 | 10 | *     | *  | *  | *  |
| 10 | 63   | 88  | 107 | 119 | 122 | 118 | 108 | 96  | 84  | 79  | 85  | 99  | 118 | 135 | 147 | 147 | 136 | 115 | 87  | 57  | 30  | 13  | 10 | 24 | 2187 | 91.1 | N | 3:52  | 122 | 14:35 | 149  | *  | *  | *     | *  | 9:1   | 79  | 21:38 | #9 | *     | *  | *  | *  |
| 11 | 49   | 77  | 103 | 120 | 127 | 125 | 115 | 100 | 84  | 72  | 69  | 78  | 97  | 119 | 139 | 149 | 147 | 133 | 109 | 79  | 50  | 26  | 14 | 18 | 2199 | 91.6 |   | 4:13  | 128 | 15:21 | #150 | *  | *  | *     | *  | 9:47  | 69  | 22:16 | 13 | *     | *  | *  | *  |
| 12 | 37   | 66  | 95  | 118 | 130 | 131 | 123 | 107 | 89  | 72  | 62  | 62  | 75  | 98  | 122 | 140 | 147 | 142 | 125 | 99  | 70  | 44  | 26 | 21 | 2201 | 91.7 |   | 4:37  | 132 | 16:4  | 148  | *  | *  | *     | *  | 10:29 | 60  | 22:51 | 21 | *     | *  | *  | *  |
| 13 | 32   | 56  | 86  | 112 | 130 | 136 | 130 | 116 | 97  | 77  | 62  | 54  | 59  | 76  | 101 | 124 | 139 | 142 | 133 | 114 | 89  | 64  | 44 | 33 | 2206 | 91.9 |   | 5:1   | 136 | 16:45 | 142  | *  | *  | *     | *  | 11:9  | 54  | 23:22 | 32 | *     | *  | *  | *  |
| 14 | 34   | 51  | 78  | 106 | 127 | 137 | 136 | 125 | 106 | 85  | 67  | 54  | 50  | 59  | 80  | 104 | 123 | 133 | 132 | 121 | 102 | 80  | 61 | 48 | 2199 | 91.6 |   | 5:25  | 138 | 17:25 | 134  | *  | *  | *     | *  | 11:48 | 50  | 23:50 | 44 | *     | *  | *  | *  |
| 15 | 45   | 53  | 73  | 99  | 121 | 135 | 138 | 131 | 115 | 95  | 75  | 59  | 50  | 51  | 63  | 83  | 104 | 119 | 124 | 120 | 108 | 91  | 75 | 63 | 2190 | 91.3 |   | 5:48  | 139 | 18:6  | 124  | *  | *  | *     | *  | 12:27 | 49  | *     | *  | *     | *  | *  | *  |
| 16 | 58   | 61  | 73  | 94  | 115 | 131 | 138 | 135 | 123 | 105 | 85  | 68  | 56  | 50  | 54  | 66  | 84  | 101 | 111 | 113 | 108 | 97  | 84 | 75 | 2185 | 91.0 |   | 6:12  | 138 | 18:49 | 113  | *  | *  | *     | *  | 0:11  | 58  | 13:9  | 50 | *     | *  | *  | *  |
| 17 | 70   | 71  | 78  | 92  | 109 | 125 | 135 | 136 | 129 | 114 | 96  | 79  | 65  | 56  | 52  | 57  | 68  | 82  | 94  | 101 | 102 | 97  | 89 | 82 | 2179 | 90.8 |   | 6:37  | 136 | 19:40 | 102  | *  | *  | *     | *  | 0:20  | 70  | 13:58 | 52 | *     | *  | *  | *  |
| 18 | 79   | 80  | 85  | 93  | 105 | 119 | 129 | 133 | 130 | 121 | 107 | 91  | 77  | 66  | 58  | 55  | 58  | 66  | 76  | 85  | 91  | 92  | 90 | 87 | 2173 | 90.5 | U | 7:7   | 133 | 20:51 | 92   | *  | *  | *     | *  | 0:15  | 79  | 15:3  | 55 | 23:59 | 85 | *  | *  |
| 19 | 85   | 87  | 91  | 96  | 104 | 113 | 121 | 127 | 128 | 124 | 115 | 103 | 90  | 78  | 68  | 60  | 55  | 55  | 60  | 68  | 76  | 82  | 86 | 88 | 2160 | 90.0 |   | 7:45  | 129 | *     | *    | *  | *  | 16:27 | 54 | *     | *   | *     | *  | *     | *  |    |    |
| 20 | 89   | 92  | 95  | 99  | 103 | 108 | 113 | 119 | 122 | 123 | 120 | 113 | 103 | 93  | 81  | 70  | 59  | 51  | 49  | 53  | 60  | 70  | 78 | 86 | 2149 | 89.5 |   | 8:41  | 123 | *     | *    | *  | *  | 17:53 | 49 | *     | *   | *     | *  | *     | *  |    |    |
| 21 | 91   | 96  | 100 | 102 | 104 | 104 | 106 | 109 | 113 | 117 | 119 | 118 | 114 | 107 | 96  | 83  | 68  | 54  | 44  | 41  | 45  | 55  | 67 | 80 | 2133 | 88.9 |   | 10:14 | 119 | *     | *    | *  | *  | 18:57 | 41 | *     | *   | *     | *  | *     | *  |    |    |
| 22 | 91   | 99  | 104 | 106 | 105 | 103 | 100 | 100 | 102 | 108 | 114 | 119 | 121 | 118 | 111 | 98  | 82  | 63  | 46  | 35  | 33  | 40  | 54 | 71 | 2123 | 88.5 |   | 3:15  | 106 | 11:57 | 121  | *  | *  | *     | *  | 6:40  | 100 | 19:44 | 33 | *     | *  | *  | *  |
| 23 | 87   | 100 | 108 | 111 | 109 | 104 | 97  | 93  | 92  | 96  | 104 | 113 | 122 | 126 | 123 | 113 | 97  | 76  | 54  | 36  | 27  | 28  | 40 | 58 | 2114 | 88.1 |   | 3:7   | 111 | 13:6  | 126  | *  | *  | *     | *  | 7:40  | 92  | 20:23 | 26 | *     | *  | *  | *  |
| 24 | 80   | 98  | 110 | 115 | 114 | 107 | 97  | 88  | 83  | 84  | 91  | 103 | 117 | 128 | 131 | 126 | 112 | 92  | 67  | 44  | 27  | 22  | 28 | 45 | 2109 | 87.9 |   | 3:14  | 116 | 13:55 | 131  | *  | *  | *     | *  | 8:21  | 82  | 20:58 | 22 | *     | *  | *  | *  |
| 25 | 69   | 93  | 111 | 120 | 120 | 112 | 100 | 86  | 76  | 72  | 77  | 89  | 106 | 123 | 134 | 135 | 126 | 108 | 84  | 58  | 35  | 22  | 22 | 35 | 2113 | 88.0 |   | 3:30  | 121 | 14:38 | 136  | *  | *  | *     | *  | 8:57  | 72  | 21:31 | 20 | *     | *  | *  | *  |
| 26 | 58   | 84  | 108 | 122 | 125 | 119 | 106 | 89  | 73  | 64  | 63  | 73  | 90  | 111 | 129 | 138 | 136 | 123 | 101 | 75  | 49  | 30  | 23 | 29 | 2118 | 88.3 | F | 3:49  | 126 | 15:17 | 139  | *  | *  | *     | *  | 9:33  | 62  | 22:3  | 23 | *     | *  | *  | *  |
| 27 | 48   | 75  | 102 | 121 | 130 | 126 | 113 | 95  | 75  | 59  | 52  | 57  | 72  | 94  | 117 | 134 | 140 | 133 | 116 | 93  | 67  | 45  | 31 | 30 | 2125 | 88.5 |   | 4:11  | 130 | 15:57 | 140  | *  | *  | *     | *  | 10:8  | 52  | 22:35 | 29 | *     | *  | *  | *  |
| 28 | 43   | 66  | 94  | 118 | 131 | 132 | 122 | 103 | 81  | 60  | 47  | 44  | 53  | 74  | 99  | 122 | 135 | 136 | 126 | 108 | 84  | 62  | 45 | 38 | 2123 | 88.5 |   | 4:34  | 133 | 16:37 | 137  | *  | *  | *     | *  | 10:45 | 43  | 23:5  | 38 | *     | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|-------------|-----|----|-------------|----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時          | 潮位 | 回数 |
| 672      | 60593        | 90.2          | 11日 15時 21分 | 150 | 1  | 10日 21時 38分 | 9  | 1  |

# 推算潮位（毎時・満干潮）

地点名：根室

緯度：43 °21 N

経度：145 °35 E

潮位表基準面の零点：平均海面下 87.0(cm)

2013 年 3 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | 満潮 |      |      |   |      |       |       |     | 干潮 |    |       |    |       |    |       |    |       |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|------|------|---|------|-------|-------|-----|----|----|-------|----|-------|----|-------|----|-------|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 日合計  | 日平均  | 月 | 時刻   | 潮位    | 時刻    | 潮位  | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻 | 潮位 |
| 1  | 43   | 61  | 87  | 112 | 130 | 136 | 130 | 113 | 90  | 66  | 47  | 37  | 39  | 53  | 77  | 102 | 122 | 131 | 129 | 117 | 98  | 78 | 61 | 51 | 2110 | 87.9 |   | 4:58 | 136   | 17:19 | 131 | *  | *  | *     | *  | 11:23 | 36 | 23:34 | 49 | *     | *  | *  | *  |
| 2  | 50   | 61  | 82  | 107 | 127 | 137 | 136 | 123 | 102 | 77  | 54  | 38  | 32  | 37  | 55  | 79  | 102 | 117 | 122 | 118 | 106 | 90 | 75 | 65 | 2092 | 87.2 |   | 5:23 | 138   | 18:3  | 122 | *  | *  | *     | *  | 12:4  | 32 | 23:58 | 61 | *     | *  | *  | *  |
| 3  | 61   | 66  | 80  | 101 | 122 | 135 | 139 | 131 | 114 | 91  | 67  | 47  | 34  | 31  | 39  | 56  | 78  | 97  | 108 | 111 | 106 | 96 | 84 | 76 | 2070 | 86.3 |   | 5:49 | # 139 | 18:52 | 111 | *  | *  | *     | *  | 12:50 | 31 | *     | *  | *     | *  | *  | *  |
| 4  | 72   | 74  | 82  | 97  | 115 | 130 | 137 | 136 | 125 | 106 | 83  | 62  | 45  | 35  | 33  | 40  | 56  | 74  | 88  | 97  | 99  | 96 | 89 | 83 | 2054 | 85.6 |   | 6:18 | 138   | 19:53 | 99  | *  | *  | *     | *  | 0:14  | 72 | 13:44 | 32 | *     | *  | *  | *  |
| 5  | 81   | 82  | 86  | 95  | 108 | 122 | 132 | 134 | 130 | 118 | 100 | 80  | 62  | 48  | 39  | 36  | 41  | 53  | 66  | 78  | 85  | 89 | 88 | 87 | 2040 | 85.0 | L | 6:54 | 134   | 21:25 | 89  | *  | *  | *     | *  | 0:10  | 81 | 14:52 | 35 | 23:43 | 86 | *  | *  |
| 6  | 86   | 88  | 91  | 95  | 102 | 111 | 121 | 127 | 128 | 124 | 114 | 99  | 82  | 67  | 53  | 43  | 37  | 38  | 46  | 57  | 68  | 77 | 83 | 87 | 2024 | 84.3 |   | 7:43 | 129   | *     | *   | *  | *  | 16:17 | 37 | *     | *  | *     | *  | *     | *  |    |    |
| 7  | 90   | 92  | 95  | 97  | 99  | 101 | 107 | 114 | 119 | 121 | 119 | 113 | 102 | 88  | 73  | 58  | 45  | 35  | 33  | 39  | 49  | 61 | 73 | 83 | 2006 | 83.6 |   | 9:2  | 121   | *     | *   | *  | *  | 17:44 | 33 | *     | *  | *     | *  | *     | *  |    |    |
| 8  | 91   | 96  | 100 | 101 | 99  | 96  | 95  | 98  | 104 | 111 | 116 | 118 | 115 | 107 | 95  | 79  | 61  | 44  | 31  | 27  | 33  | 45 | 60 | 76 | 1998 | 83.3 |   | 2:51 | 101   | 11:0  | 118 | *  | *  | *     | *  | 5:48  | 95 | 18:53 | 27 | *     | *  | *  | *  |
| 9  | 90   | 100 | 105 | 105 | 102 | 95  | 87  | 83  | 85  | 93  | 104 | 113 | 120 | 121 | 114 | 100 | 82  | 61  | 40  | 25  | 22  | 30 | 46 | 66 | 1989 | 82.9 |   | 2:40 | 106   | 12:36 | 121 | *  | *  | *     | *  | 7:8   | 83 | 19:47 | 22 | *     | *  | *  | *  |
| 10 | 85   | 101 | 110 | 112 | 107 | 98  | 85  | 74  | 69  | 73  | 85  | 100 | 115 | 125 | 127 | 119 | 103 | 81  | 57  | 35  | 21  | 21 | 33 | 54 | 1990 | 82.9 |   | 2:47 | 112   | 13:42 | 127 | *  | *  | *     | *  | 8:4   | 69 | 20:32 | 19 | *     | *  | *  | *  |
| 11 | 77   | 99  | 113 | 118 | 115 | 104 | 89  | 72  | 59  | 56  | 63  | 80  | 100 | 119 | 130 | 131 | 120 | 101 | 77  | 52  | 31  | 21 | 25 | 43 | 1995 | 83.1 |   | 3:4  | 118   | 14:34 | 132 | *  | *  | *     | *  | 8:50  | 55 | 21:13 | 21 | *     | *  | *  | *  |
| 12 | 68   | 93  | 113 | 123 | 123 | 113 | 96  | 76  | 58  | 46  | 45  | 58  | 80  | 104 | 124 | 133 | 131 | 118 | 96  | 71  | 48  | 31 | 26 | 36 | 2010 | 83.8 | N | 3:27 | 124   | 15:19 | 134 | *  | *  | *     | *  | 9:31  | 44 | 21:50 | 26 | *     | *  | *  | *  |
| 13 | 58   | 85  | 110 | 125 | 129 | 122 | 106 | 84  | 62  | 44  | 35  | 40  | 58  | 84  | 109 | 127 | 133 | 128 | 112 | 89  | 66  | 46 | 35 | 36 | 2023 | 84.3 |   | 3:51 | 129   | 16:1  | 133 | *  | *  | *     | *  | 10:11 | 35 | 22:24 | 34 | *     | *  | *  | *  |
| 14 | 52   | 77  | 104 | 124 | 133 | 130 | 116 | 94  | 70  | 49  | 33  | 29  | 40  | 62  | 90  | 114 | 127 | 130 | 121 | 103 | 82  | 63 | 49 | 44 | 2036 | 84.8 |   | 4:15 | 133   | 16:41 | 130 | *  | *  | *     | *  | 10:48 | 29 | 22:55 | 44 | *     | *  | *  | *  |
| 15 | 52   | 71  | 97  | 119 | 133 | 134 | 124 | 105 | 81  | 57  | 38  | 28  | 29  | 44  | 69  | 96  | 115 | 124 | 122 | 111 | 94  | 76 | 63 | 55 | 2037 | 84.9 |   | 4:38 | 135   | 17:19 | 124 | *  | *  | *     | *  | 11:25 | 27 | 23:21 | 55 | *     | *  | *  | *  |
| 16 | 57   | 69  | 90  | 113 | 130 | 135 | 130 | 115 | 93  | 69  | 47  | 33  | 27  | 34  | 52  | 76  | 98  | 112 | 117 | 112 | 100 | 86 | 74 | 66 | 2035 | 84.8 |   | 5:1  | 135   | 17:57 | 117 | *  | *  | *     | *  | 12:0  | 27 | 23:40 | 65 | *     | *  | *  | *  |
| 17 | 65   | 72  | 87  | 107 | 124 | 133 | 132 | 122 | 104 | 81  | 59  | 42  | 32  | 31  | 41  | 59  | 80  | 97  | 106 | 107 | 101 | 91 | 81 | 74 | 2028 | 84.5 |   | 5:24 | 134   | 18:37 | 108 | *  | *  | *     | *  | 12:37 | 30 | 23:48 | 73 | *     | *  | *  | *  |
| 18 | 73   | 77  | 86  | 101 | 117 | 128 | 131 | 125 | 112 | 93  | 72  | 54  | 42  | 36  | 37  | 48  | 64  | 81  | 93  | 98  | 98  | 92 | 85 | 80 | 2023 | 84.3 |   | 5:49 | 131   | 19:23 | 99  | *  | *  | *     | *  | 13:17 | 35 | 23:50 | 79 | *     | *  | *  | *  |
| 19 | 79   | 81  | 87  | 97  | 110 | 120 | 126 | 124 | 116 | 102 | 84  | 67  | 54  | 45  | 41  | 43  | 52  | 65  | 77  | 86  | 90  | 90 | 87 | 84 | 2007 | 83.6 |   | 6:17 | 126   | 20:26 | 91  | *  | *  | *     | *  | 14:7  | 41 | 23:48 | 83 | *     | *  | *  | *  |
| 20 | 83   | 85  | 89  | 95  | 103 | 111 | 118 | 119 | 116 | 107 | 95  | 80  | 67  | 56  | 49  | 45  | 46  | 53  | 62  | 72  | 79  | 84 | 86 | 86 | 1986 | 82.8 | U | 6:50 | 119   | *     | *   | *  | *  | 15:15 | 45 | *     | *  | *     | *  | *     | *  |    |    |
| 21 | 87   | 88  | 91  | 94  | 98  | 103 | 107 | 110 | 111 | 108 | 101 | 91  | 81  | 70  | 60  | 52  | 46  | 45  | 49  | 57  | 66  | 75 | 83 | 88 | 1961 | 81.7 |   | 7:38 | 111   | *     | *   | *  | *  | 16:42 | 45 | *     | *  | *     | *  | *     | *  |    |    |
| 22 | 91   | 93  | 94  | 95  | 95  | 95  | 97  | 99  | 102 | 103 | 103 | 99  | 92  | 84  | 74  | 63  | 52  | 44  | 41  | 44  | 52  | 63 | 76 | 86 | 1937 | 80.7 |   | 9:15 | 103   | *     | *   | *  | *  | 18:1  | 41 | *     | *  | *     | *  | *     | *  |    |    |
| 23 | 93   | 97  | 99  | 97  | 94  | 90  | 87  | 87  | 90  | 94  | 99  | 102 | 101 | 97  | 88  | 77  | 62  | 49  | 38  | 35  | 39  | 50 | 65 | 81 | 1911 | 79.6 |   | 1:59 | 99    | 11:22 | 102 | *  | *  | *     | *  | 6:31  | 87 | 18:57 | 35 | *     | *  | *  | *  |
| 24 | 94   | 102 | 104 | 102 | 96  | 88  | 80  | 75  | 76  | 81  | 90  | 99  | 106 | 107 | 102 | 92  | 77  | 60  | 43  | 32  | 31  | 38 | 53 | 72 | 1900 | 79.2 |   | 2:1  | 104   | 12:44 | 107 | *  | *  | *     | *  | 7:22  | 75 | 19:41 | 30 | *     | *  | *  | *  |
| 25 | 91   | 104 | 110 | 108 | 101 | 89  | 76  | 66  | 62  | 66  | 76  | 90  | 103 | 113 | 114 | 108 | 94  | 76  | 55  | 38  | 29  | 30 | 43 | 62 | 1904 | 79.3 |   | 2:15 | 110   | 13:41 | 114 | *  | *  | *     | *  | 7:59  | 62 | 20:20 | 28 | *     | *  | *  | *  |
| 26 | 84   | 103 | 114 | 115 | 107 | 93  | 76  | 60  | 50  | 49  | 58  | 74  | 93  | 110 | 120 | 120 | 110 | 94  | 72  | 51  | 35  | 29 | 36 | 53 | 1906 | 79.4 |   | 2:35 | 116   | 14:29 | 121 | *  | *  | *     | *  | 8:34  | 48 | 20:57 | 29 | *     | *  | *  | *  |
| 27 | 76   | 99  | 116 | 121 | 116 | 101 | 81  | 60  | 43  | 35  | 39  | 54  | 76  | 99  | 118 | 126 | 123 | 110 | 91  | 68  | 48  | 36 | 36 | 47 | 1919 | 80.0 | F | 2:58 | 121   | 15:13 | 126 | *  | *  | *     | *  | 9:10  | 35 | 21:33 | 34 | *     | *  | *  | *  |
| 28 | 69   | 94  | 115 | 126 | 124 | 111 | 90  | 66  | 42  | 27  | 23  | 32  | 53  | 80  | 106 | 123 | 128 | 122 | 107 | 86  | 66  | 49 | 42 | 47 | 1928 | 80.3 |   | 3:23 | 127   | 15:56 | 128 | *  | *  | *     | *  | 9:48  | 22 | 22:7  | 42 | *     | *  | *  | *  |
| 29 | 63   | 87  | 111 | 127 | 131 | 122 | 103 | 77  | 50  | 27  | 14  | 15  | 30  | 56  | 85  | 110 | 124 | 125 | 117 | 101 | 82  | 65 | 54 | 52 | 1928 | 80.3 |   | 3:48 | 132   | 16:39 | 126 | *  | *  | *     | *  | 10:27 | 13 | 22:40 | 51 | *     | *  | *  | *  |
| 30 | 62   | 82  | 105 | 125 | 135 | 132 | 116 | 91  | 63  | 36  | 16  | 7   | 13  | 33  | 61  | 89  | 110 | 120 | 119 | 109 | 94  | 79 | 67 | 61 | 1925 | 80.2 |   | 4:15 | 135   | 17:24 | 121 | *  | *  | *     | *  | 11:8  | 7  | 23:12 | 61 | *     | *  | *  | *  |
| 31 | 64   | 78  | 99  | 120 | 134 | 137 | 127 | 107 | 80  | 52  | 27  | 11  | 6   | 15  | 37  | 65  | 90  | 106 | 112 | 109 | 100 | 88 | 77 | 71 | 1912 | 79.7 |   | 4:43 | 137   | 18:10 | 112 | *  | *  | *     | *  | 11:51 | #6 | 23:41 | 69 | *     | *  | *  | *  |

| 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      | 61684        | 82.9          | 3日5時49分 | 139 | 1  | 31日11時51分 | 6  | 1  |

# 推算潮位（毎時・満干潮）

地点名：根室

緯度：43 °21 N

経度：145 °35 E

潮位表基準面の零点：平均海面下 87.0(cm)

2013 年 4 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    | 満潮   |      |   |       |       |       |     |    | 干潮 |      |    |       |       |       |    |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|------|------|---|-------|-------|-------|-----|----|----|------|----|-------|-------|-------|----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20 | 21 | 22 | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位    | 時刻    | 潮位  | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 70   | 77  | 92  | 112 | 129 | 136 | 133 | 120 | 98  | 71  | 45  | 24  | 11  | 10  | 21  | 43  | 67  | 87  | 98  | 102 | 99 | 92 | 84 | 79 | 1900 | 79.2 |   | 5:14  | 137   | 19: 2 | 102 | *  | *  | *    | *  | 12:37 | 9     | *     | *  | *  | *  | *  | *  |
| 2  | 76   | 78  | 87  | 102 | 119 | 130 | 132 | 126 | 111 | 89  | 65  | 43  | 26  | 16  | 16  | 28  | 47  | 66  | 81  | 90  | 93 | 92 | 87 | 84 | 1884 | 78.5 |   | 5:47  | 132   | 20: 6 | 93  | *  | *  | *    | *  | 0: 5  | 76    | 13:29 | 15 | *  | *  | *  | *  |
| 3  | 82   | 82  | 85  | 93  | 106 | 117 | 124 | 124 | 117 | 103 | 84  | 64  | 46  | 32  | 24  | 24  | 33  | 48  | 63  | 75  | 83 | 87 | 88 | 87 | 1871 | 78.0 | L | 6:28  | 125   | 21:40 | 88  | *  | *  | *    | *  | 0:24  | 82    | 14:29 | 23 | *  | *  | *  | *  |
| 4  | 86   | 86  | 86  | 88  | 94  | 102 | 110 | 114 | 114 | 108 | 97  | 82  | 66  | 52  | 39  | 31  | 29  | 35  | 47  | 59  | 71 | 80 | 86 | 89 | 1851 | 77.1 |   | 7:25  | 114   | *     | *   | *  | *  | 0:24 | 86 | 15:44 | 29    | *     | *  | *  | *  |    |    |
| 5  | 90   | 90  | 89  | 87  | 86  | 87  | 92  | 98  | 102 | 104 | 102 | 95  | 85  | 72  | 59  | 46  | 36  | 32  | 35  | 45  | 57 | 70 | 81 | 90 | 1830 | 76.3 |   | 0:46  | 90    | 9: 0  | 104 | *  | *  | *    | *  | 4: 8  | 86    | 17: 5 | 32 | *  | *  | *  | *  |
| 6  | 94   | 96  | 94  | 90  | 84  | 77  | 75  | 78  | 85  | 92  | 97  | 100 | 97  | 90  | 79  | 65  | 51  | 39  | 32  | 34  | 44 | 59 | 74 | 88 | 1814 | 75.6 |   | 0:56  | 96    | 11: 1 | 100 | *  | *  | *    | *  | 5:55  | 75    | 18:15 | 32 | *  | *  | *  | *  |
| 7  | 98   | 102 | 101 | 96  | 86  | 74  | 64  | 60  | 64  | 73  | 84  | 95  | 102 | 102 | 96  | 84  | 69  | 53  | 38  | 31  | 35 | 47 | 64 | 83 | 1801 | 75.0 |   | 1:17  | 102   | 12:33 | 103 | *  | *  | *    | *  | 7: 1  | 60    | 19:11 | 31 | *  | *  | *  | *  |
| 8  | 98   | 107 | 109 | 104 | 93  | 77  | 61  | 49  | 45  | 52  | 65  | 82  | 97  | 107 | 108 | 101 | 88  | 71  | 53  | 38  | 33 | 39 | 54 | 75 | 1806 | 75.3 |   | 1:43  | 109   | 13:39 | 108 | *  | *  | *    | *  | 7:50  | 45    | 19:58 | 33 | *  | *  | *  | *  |
| 9  | 95   | 110 | 116 | 113 | 102 | 85  | 64  | 45  | 33  | 33  | 44  | 63  | 84  | 102 | 112 | 113 | 104 | 89  | 70  | 52  | 39 | 37 | 47 | 66 | 1818 | 75.8 |   | 2:10  | 116   | 14:32 | 114 | *  | *  | *    | *  | 8:32  | 31    | 20:41 | 36 | *  | *  | *  | *  |
| 10 | 89   | 108 | 120 | 121 | 112 | 95  | 72  | 49  | 30  | 20  | 25  | 41  | 66  | 90  | 109 | 117 | 115 | 104 | 87  | 68  | 52 | 43 | 45 | 59 | 1837 | 76.5 | N | 2:37  | 122   | 15:18 | 118 | *  | *  | *    | *  | 9:12  | 20    | 21:20 | 42 | *  | *  | *  | *  |
| 11 | 81   | 104 | 120 | 127 | 122 | 106 | 83  | 58  | 34  | 17  | 13  | 22  | 45  | 72  | 97  | 114 | 119 | 114 | 101 | 84  | 67 | 54 | 50 | 57 | 1861 | 77.5 |   | 3: 4  | 127   | 16: 0 | 119 | *  | *  | *    | *  | 9:50  | 12    | 21:56 | 50 | *  | *  | *  | *  |
| 12 | 74   | 97  | 117 | 129 | 128 | 117 | 96  | 70  | 43  | 22  | 10  | 10  | 26  | 52  | 81  | 103 | 116 | 117 | 109 | 95  | 80 | 67 | 59 | 59 | 1877 | 78.2 |   | 3:29  | 130   | 16:39 | 118 | *  | *  | *    | *  | 10:27 | 8     | 22:28 | 58 | *  | *  | *  | *  |
| 13 | 70   | 90  | 111 | 127 | 132 | 125 | 108 | 83  | 56  | 32  | 14  | 7   | 14  | 34  | 62  | 88  | 106 | 114 | 112 | 102 | 89 | 77 | 68 | 65 | 1886 | 78.6 |   | 3:54  | 132   | 17:16 | 114 | *  | *  | *    | *  | 11: 2 | 7     | 22:54 | 65 | *  | *  | *  | *  |
| 14 | 70   | 85  | 104 | 122 | 131 | 129 | 117 | 96  | 70  | 45  | 24  | 12  | 11  | 22  | 45  | 71  | 93  | 106 | 109 | 104 | 94 | 84 | 75 | 71 | 1890 | 78.8 |   | 4:19  | 132   | 17:52 | 109 | *  | *  | *    | *  | 11:37 | 10    | 23:14 | 71 | *  | *  | *  | *  |
| 15 | 73   | 82  | 97  | 114 | 127 | 129 | 122 | 106 | 83  | 59  | 37  | 21  | 14  | 18  | 33  | 56  | 78  | 94  | 102 | 102 | 97 | 88 | 80 | 76 | 1888 | 78.7 |   | 4:45  | 130   | 18:30 | 103 | *  | *  | *    | *  | 12:11 | 14    | 23:30 | 76 | *  | *  | *  | *  |
| 16 | 76   | 81  | 92  | 106 | 119 | 125 | 122 | 111 | 94  | 72  | 51  | 34  | 23  | 20  | 27  | 43  | 63  | 81  | 93  | 97  | 96 | 91 | 84 | 80 | 1881 | 78.4 |   | 5:12  | 125   | 19:15 | 97  | *  | *  | *    | *  | 12:47 | 20    | 23:47 | 79 | *  | *  | *  | *  |
| 17 | 79   | 82  | 88  | 98  | 109 | 117 | 118 | 112 | 100 | 83  | 64  | 47  | 34  | 27  | 28  | 36  | 50  | 67  | 80  | 89  | 93 | 91 | 88 | 84 | 1864 | 77.7 |   | 5:40  | 119   | 20:13 | 93  | *  | *  | *    | *  | 13:26 | 26    | *     | *  | *  | *  | *  | *  |
| 18 | 82   | 83  | 86  | 92  | 100 | 107 | 110 | 109 | 102 | 90  | 75  | 60  | 46  | 37  | 32  | 34  | 42  | 54  | 67  | 78  | 86 | 90 | 90 | 88 | 1840 | 76.7 | U | 6:12  | 110   | 21:31 | 91  | *  | *  | *    | *  | 0:15  | 82    | 14:15 | 32 | *  | *  | *  | *  |
| 19 | 86   | 85  | 86  | 88  | 91  | 96  | 99  | 101 | 99  | 93  | 83  | 72  | 60  | 49  | 41  | 37  | 38  | 44  | 54  | 65  | 77 | 86 | 91 | 92 | 1813 | 75.5 |   | 6:56  | 101   | 22:59 | 92  | *  | *  | *    | *  | 1:14  | 85    | 15:22 | 37 | *  | *  | *  | *  |
| 20 | 91   | 89  | 87  | 85  | 84  | 85  | 87  | 89  | 91  | 91  | 88  | 82  | 73  | 63  | 54  | 46  | 40  | 39  | 44  | 53  | 65 | 78 | 88 | 95 | 1787 | 74.5 |   | 8:30  | 91    | 23:58 | 97  | *  | *  | *    | *  | 4:15  | 84    | 16:43 | 39 | *  | *  | *  | *  |
| 21 | 97   | 95  | 91  | 86  | 80  | 75  | 73  | 75  | 79  | 84  | 87  | 88  | 85  | 78  | 69  | 59  | 49  | 41  | 39  | 43  | 54 | 68 | 82 | 94 | 1771 | 73.8 |   | 10:42 | 88    | *     | *   | *  | *  | 6: 0 | 73 | 17:53 | 39    | *     | *  | *  | *  |    |    |
| 22 | 101  | 101 | 97  | 89  | 79  | 68  | 61  | 59  | 63  | 71  | 80  | 88  | 93  | 92  | 85  | 76  | 64  | 51  | 42  | 39  | 45 | 58 | 74 | 91 | 1767 | 73.6 |   | 0:34  | 102   | 12:17 | 93  | *  | *  | *    | *  | 6:49  | 59    | 18:48 | 39 | *  | *  | *  | *  |
| 23 | 103  | 108 | 105 | 95  | 82  | 66  | 52  | 44  | 44  | 52  | 65  | 81  | 93  | 100 | 100 | 93  | 81  | 67  | 52  | 43  | 42 | 51 | 66 | 85 | 1770 | 73.8 |   | 1: 5  | 108   | 13:25 | 101 | *  | *  | *    | *  | 7:28  | 43    | 19:35 | 41 | *  | *  | *  | *  |
| 24 | 102  | 112 | 113 | 105 | 89  | 70  | 49  | 33  | 26  | 31  | 45  | 64  | 84  | 101 | 109 | 107 | 99  | 85  | 69  | 54  | 46 | 48 | 60 | 79 | 1780 | 74.2 |   | 1:34  | 114   | 14:21 | 109 | *  | *  | *    | *  | 8: 6  | 26    | 20:17 | 46 | *  | *  | *  | *  |
| 25 | 99   | 114 | 121 | 116 | 101 | 79  | 54  | 31  | 15  | 11  | 21  | 41  | 66  | 90  | 108 | 115 | 112 | 101 | 86  | 70  | 57 | 52 | 58 | 73 | 1791 | 74.6 |   | 2: 3  | 121   | 15:11 | 115 | *  | *  | *    | *  | 8:46  | 11    | 20:58 | 52 | *  | *  | *  | *  |
| 26 | 93   | 113 | 126 | 127 | 115 | 93  | 66  | 38  | 14  | 0   | 1   | 16  | 41  | 71  | 96  | 112 | 118 | 113 | 101 | 86  | 71 | 61 | 60 | 69 | 1801 | 75.0 | F | 2:34  | 128   | 15:58 | 118 | *  | *  | *    | *  | 9:27  | -1    | 21:37 | 59 | *  | *  | *  | *  |
| 27 | 87   | 109 | 126 | 134 | 128 | 111 | 84  | 53  | 24  | 1   | -9  | -4  | 16  | 45  | 76  | 100 | 114 | 116 | 110 | 98  | 84 | 72 | 66 | 69 | 1810 | 75.4 |   | 3: 6  | 134   | 16:44 | 116 | *  | *  | *    | *  | 10:11 | -10   | 22:15 | 66 | *  | *  | *  | *  |
| 28 | 81   | 101 | 121 | 135 | 137 | 126 | 103 | 74  | 42  | 14  | -6  | -12 | -3  | 21  | 51  | 80  | 101 | 111 | 111 | 104 | 93 | 83 | 74 | 71 | 1813 | 75.5 |   | 3:39  | # 138 | 17:31 | 112 | *  | *  | *    | *  | 10:55 | # -13 | 22:54 | 71 | *  | *  | *  | *  |
| 29 | 77   | 92  | 112 | 129 | 138 | 135 | 120 | 95  | 65  | 35  | 9   | -7  | -10 | 4   | 29  | 58  | 83  | 99  | 106 | 105 | 98 | 89 | 81 | 76 | 1818 | 75.8 |   | 4:14  | # 138 | 18:20 | 106 | *  | *  | *    | *  | 11:40 | -10   | 23:33 | 75 | *  | *  | *  | *  |
| 30 | 76   | 84  | 100 | 118 | 131 | 135 | 128 | 111 | 86  | 58  | 31  | 10  | -3  | -2  | 13  | 38  | 63  | 83  | 95  | 100 | 99 | 93 | 86 | 81 | 1814 | 75.6 |   | 4:51  | 135   | 19:13 | 100 | *  | *  | *    | *  | 12:26 | -4    | *     | *  | *  | *  | *  | *  |

| 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 | 54934 | 76.3 | 29 日 4 時 14 分 | 138 | 2  | 28 日 10 時 55 分 | -13 | 1  |

# 推算潮位（毎時・満干潮）

地点名：根室

緯度：43 °21 N

経度：145 °35 E

潮位表基準面の零点：平均海面下 87.0(cm)

2013 年 5 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     | 満潮   |      |   |       |       |       |     |    | 干潮 |      |    |       |       |       |    |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-------|-------|-----|----|----|------|----|-------|-------|-------|----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13 | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位    | 時刻    | 潮位  | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 78   | 79  | 88  | 103 | 117 | 126 | 126 | 118 | 101 | 79  | 54  | 31  | 14  | 6  | 9   | 24  | 46  | 67  | 82  | 92  | 96  | 95  | 90  | 85  | 1806 | 75.3 |   | 5:32  | 127   | 20:12 | 96  | *  | *  | *    | *  | 0:16  | 78    | 13:14 | 5  | *  | *  | *  | *  |
| 2  | 81   | 79  | 80  | 88  | 100 | 110 | 116 | 115 | 107 | 93  | 73  | 53  | 35  | 22 | 16  | 21  | 34  | 52  | 69  | 82  | 91  | 95  | 94  | 90  | 1796 | 74.8 | L | 6:21  | 116   | 21:15 | 95  | *  | *  | *    | *  | 1:13  | 79    | 14: 6 | 16 | *  | *  | *  | *  |
| 3  | 86   | 82  | 78  | 78  | 83  | 91  | 99  | 103 | 103 | 97  | 86  | 71  | 55  | 42 | 32  | 27  | 31  | 42  | 57  | 72  | 84  | 92  | 96  | 96  | 1783 | 74.3 |   | 7:27  | 104   | 22:18 | 97  | *  | *  | *    | *  | 2:34  | 78    | 15: 6 | 27 | *  | *  | *  | *  |
| 4  | 92   | 87  | 81  | 75  | 71  | 73  | 78  | 85  | 90  | 93  | 91  | 83  | 72  | 61 | 50  | 41  | 36  | 38  | 47  | 61  | 75  | 88  | 97  | 100 | 1765 | 73.5 |   | 9: 5  | 93    | 23:12 | 101 | *  | *  | *    | *  | 4:13  | 71    | 16:15 | 36 | *  | *  | *  | *  |
| 5  | 99   | 94  | 87  | 77  | 67  | 60  | 59  | 64  | 72  | 80  | 86  | 88  | 85  | 77 | 68  | 58  | 49  | 43  | 44  | 52  | 66  | 80  | 94  | 103 | 1752 | 73.0 |   | 10:51 | 88    | 23:58 | 106 | *  | *  | *    | *  | 5:38  | 59    | 17:25 | 42 | *  | *  | *  | *  |
| 6  | 106  | 103 | 95  | 84  | 70  | 55  | 46  | 44  | 51  | 62  | 74  | 85  | 90  | 89 | 84  | 76  | 65  | 55  | 48  | 48  | 57  | 72  | 88  | 102 | 1749 | 72.9 |   | 12:24 | 90    | *     | *   | *  | *  | 6:39 | 44 | 18:26 | 47    | *     | *  | *  | *  |    |    |
| 7  | 110  | 111 | 105 | 93  | 77  | 58  | 41  | 31  | 31  | 41  | 57  | 73  | 87  | 95 | 96  | 91  | 82  | 70  | 59  | 52  | 54  | 64  | 80  | 98  | 1756 | 73.2 |   | 0:38  | 112   | 13:38 | 97  | *  | *  | *    | *  | 7:28  | 29    | 19:19 | 51 | *  | *  | *  | *  |
| 8  | 111  | 117 | 115 | 104 | 87  | 66  | 44  | 25  | 17  | 21  | 36  | 56  | 77  | 93 | 102 | 103 | 97  | 86  | 73  | 62  | 57  | 61  | 73  | 91  | 1774 | 73.9 |   | 1:14  | 118   | 14:35 | 103 | *  | *  | *    | *  | 8:10  | 17    | 20: 6 | 57 | *  | *  | *  | *  |
| 9  | 108  | 120 | 123 | 116 | 100 | 78  | 52  | 29  | 12  | 8   | 16  | 36  | 61  | 84 | 100 | 108 | 107 | 99  | 87  | 74  | 65  | 62  | 69  | 84  | 1798 | 74.9 |   | 1:48  | 123   | 15:21 | 108 | *  | *  | *    | *  | 8:51  | 7     | 20:49 | 62 | *  | *  | *  | *  |
| 10 | 102  | 118 | 127 | 125 | 113 | 92  | 65  | 39  | 16  | 3   | 3   | 17  | 42  | 69 | 92  | 106 | 111 | 108 | 98  | 86  | 75  | 68  | 69  | 78  | 1822 | 75.9 | N | 2:19  | 127   | 16: 2 | 111 | *  | *  | *    | *  | 9:29  | 1     | 21:27 | 67 | *  | *  | *  | *  |
| 11 | 95   | 113 | 127 | 130 | 123 | 105 | 81  | 53  | 27  | 7   | -1  | 5   | 24  | 52 | 79  | 99  | 110 | 111 | 105 | 94  | 83  | 75  | 72  | 76  | 1845 | 76.9 |   | 2:50  | 130   | 16:38 | 112 | *  | *  | *    | *  | 10: 7 | -1    | 22: 1 | 72 | *  | *  | *  | *  |
| 12 | 88   | 106 | 122 | 131 | 129 | 117 | 95  | 68  | 41  | 18  | 3   | 0   | 11  | 35 | 63  | 88  | 104 | 110 | 108 | 100 | 90  | 81  | 76  | 76  | 1860 | 77.5 |   | 3:19  | 132   | 17:13 | 110 | *  | *  | *    | *  | 10:42 | -1    | 22:30 | 75 | *  | *  | *  | *  |
| 13 | 83   | 98  | 115 | 128 | 131 | 124 | 107 | 83  | 56  | 31  | 12  | 3   | 6   | 22 | 48  | 74  | 94  | 105 | 108 | 103 | 95  | 86  | 80  | 77  | 1869 | 77.9 |   | 3:49  | 131   | 17:47 | 108 | *  | *  | *    | *  | 11:16 | 3     | 22:56 | 77 | *  | *  | *  | *  |
| 14 | 81   | 91  | 106 | 120 | 128 | 126 | 114 | 95  | 71  | 46  | 25  | 11  | 8   | 16 | 35  | 60  | 83  | 98  | 105 | 104 | 98  | 90  | 83  | 79  | 1873 | 78.0 |   | 4:18  | 128   | 18:23 | 105 | *  | *  | *    | *  | 11:49 | 7     | 23:24 | 79 | *  | *  | *  | *  |
| 15 | 80   | 86  | 97  | 110 | 121 | 123 | 117 | 103 | 83  | 60  | 38  | 22  | 14  | 15 | 28  | 48  | 70  | 88  | 99  | 103 | 101 | 94  | 87  | 82  | 1869 | 77.9 |   | 4:47  | 123   | 19: 4 | 103 | *  | *  | *    | *  | 12:21 | 13    | 23:59 | 80 | *  | *  | *  | *  |
| 16 | 80   | 82  | 89  | 100 | 110 | 116 | 114 | 106 | 91  | 72  | 52  | 34  | 23  | 19 | 25  | 39  | 58  | 77  | 91  | 99  | 101 | 98  | 92  | 86  | 1854 | 77.3 |   | 5:18  | 116   | 19:52 | 101 | *  | *  | *    | *  | 12:55 | 19    | *     | *  | *  | *  | *  | *  |
| 17 | 82   | 81  | 84  | 90  | 99  | 105 | 108 | 104 | 95  | 81  | 64  | 47  | 34  | 27 | 27  | 34  | 48  | 65  | 81  | 93  | 100 | 101 | 97  | 91  | 1838 | 76.6 |   | 5:53  | 108   | 20:45 | 101 | *  | *  | *    | *  | 0:46  | 81    | 13:33 | 26 | *  | *  | *  | *  |
| 18 | 86   | 82  | 81  | 82  | 87  | 93  | 97  | 98  | 94  | 87  | 75  | 61  | 48  | 38 | 34  | 35  | 42  | 54  | 69  | 83  | 94  | 101 | 101 | 97  | 1819 | 75.8 | U | 6:42  | 98    | 21:38 | 102 | *  | *  | *    | *  | 1:57  | 81    | 14:20 | 33 | *  | *  | *  | *  |
| 19 | 91   | 85  | 80  | 77  | 76  | 79  | 83  | 87  | 89  | 88  | 82  | 73  | 63  | 53 | 46  | 42  | 42  | 49  | 60  | 73  | 87  | 97  | 103 | 103 | 1808 | 75.3 |   | 8:11  | 89    | 22:27 | 104 | *  | *  | *    | *  | 3:39  | 76    | 15:25 | 41 | *  | *  | *  | *  |
| 20 | 98   | 90  | 82  | 74  | 67  | 64  | 66  | 71  | 77  | 83  | 85  | 83  | 77  | 69 | 62  | 55  | 50  | 49  | 54  | 65  | 78  | 92  | 102 | 107 | 1800 | 75.0 |   | 10: 6 | 85    | 23:11 | 107 | *  | *  | *    | *  | 5: 6  | 64    | 16:40 | 49 | *  | *  | *  | *  |
| 21 | 105  | 97  | 87  | 75  | 62  | 53  | 49  | 51  | 59  | 70  | 80  | 86  | 88  | 85 | 79  | 72  | 64  | 57  | 56  | 61  | 72  | 86  | 99  | 109 | 1802 | 75.1 |   | 11:47 | 88    | 23:52 | 113 | *  | *  | *    | *  | 6: 4  | 49    | 17:48 | 55 | *  | *  | *  | *  |
| 22 | 112  | 107 | 96  | 81  | 64  | 47  | 35  | 31  | 37  | 49  | 65  | 80  | 91  | 96 | 94  | 89  | 81  | 71  | 64  | 62  | 68  | 80  | 95  | 109 | 1804 | 75.2 |   | 13:12 | 96    | *     | *   | *  | *  | 6:52 | 31 | 18:45 | 62    | *     | *  | *  | *  |    |    |
| 23 | 118  | 118 | 109 | 93  | 72  | 50  | 29  | 16  | 15  | 25  | 42  | 64  | 83  | 97 | 103 | 102 | 97  | 87  | 77  | 69  | 68  | 76  | 90  | 106 | 1806 | 75.3 |   | 0:32  | 119   | 14:19 | 104 | *  | *  | *    | *  | 7:37  | 14    | 19:35 | 68 | *  | *  | *  | *  |
| 24 | 120  | 127 | 123 | 109 | 88  | 62  | 35  | 13  | 1   | 2   | 17  | 39  | 65  | 88 | 104 | 110 | 108 | 101 | 91  | 80  | 74  | 75  | 85  | 100 | 1817 | 75.7 |   | 1:11  | 127   | 15:15 | 110 | *  | *  | *    | *  | 8:23  | 0     | 20:22 | 73 | *  | *  | *  | *  |
| 25 | 117  | 130 | 134 | 127 | 108 | 81  | 51  | 22  | -1  | -11 | -6  | 13  | 40  | 69 | 93  | 108 | 113 | 110 | 102 | 92  | 82  | 77  | 80  | 92  | 1823 | 76.0 | F | 1:52  | 134   | 16: 4 | 113 | *  | *  | *    | *  | 9:10  | -11   | 21: 8 | 77 | *  | *  | *  | *  |
| 26 | 110  | 127 | 139 | 139 | 127 | 104 | 74  | 42  | 12  | -9  | -17 | -8  | 15  | 45 | 75  | 97  | 110 | 113 | 109 | 100 | 90  | 82  | 79  | 84  | 1839 | 76.6 |   | 2:33  | 140   | 16:51 | 113 | *  | *  | *    | *  | 9:57  | # -17 | 21:54 | 79 | *  | *  | *  | *  |
| 27 | 99   | 118 | 134 | 143 | 140 | 124 | 99  | 67  | 34  | 6   | -13 | -16 | -4  | 22 | 53  | 81  | 100 | 110 | 111 | 106 | 97  | 88  | 81  | 80  | 1860 | 77.5 |   | 3:15  | # 143 | 17:36 | 112 | *  | *  | *    | *  | 10:44 | # -17 | 22:41 | 79 | *  | *  | *  | *  |
| 28 | 87   | 103 | 122 | 137 | 142 | 136 | 118 | 91  | 60  | 30  | 4   | -11 | -10 | 6  | 33  | 63  | 87  | 102 | 109 | 108 | 102 | 93  | 85  | 79  | 1876 | 78.2 |   | 3:58  | 142   | 18:20 | 109 | *  | *  | *    | *  | 11:29 | -13   | 23:30 | 78 | *  | *  | *  | *  |
| 29 | 79   | 88  | 105 | 123 | 134 | 136 | 128 | 110 | 84  | 55  | 28  | 7   | -4  | 1  | 20  | 46  | 72  | 92  | 104 | 108 | 105 | 98  | 89  | 81  | 1889 | 78.7 |   | 4:42  | 137   | 19: 4 | 108 | *  | *  | *    | *  | 12:13 | -4    | *     | *  | *  | *  | *  | *  |
| 30 | 76   | 77  | 87  | 103 | 118 | 126 | 126 | 117 | 100 | 76  | 51  | 29  | 13  | 7  | 15  | 35  | 59  | 81  | 96  | 105 | 107 | 103 | 95  | 86  | 1888 | 78.7 |   | 5:29  | 127   | 19:47 | 107 | *  | *  | *    | *  | 0:22  | 76    | 12:55 | 7  | *  | *  | *  | *  |
| 31 | 78   | 73  | 75  | 84  | 97  | 109 | 115 | 114 | 106 | 90  | 70  | 50  | 33  | 23 | 21  | 31  | 49  | 70  | 88  | 101 | 107 | 107 | 102 | 93  | 1886 | 78.6 |   | 6:23  | 115   | 20:30 | 108 | *  | *  | *    | *  | 1:20  | 73    | 13:38 | 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      | 56526        | 76.0          | 27日 3時 15分 | 143 | 1  | 27日 10時 44分 | -17 | 2  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 根室

緯度: 43 °21 N

経度: 145 °35 E

潮位表基準面の零点: 平均海面下 87.0(cm)

2013 年 6 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |    |     |    |    |    |     |     |     |     |     |     |     |     |     |     | 満潮   |      |   |       |       |       |     |    | 干潮 |      |    |       |       |       |    |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-------|-------|-----|----|----|------|----|-------|-------|-------|----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9  | 10  | 11 | 12 | 13 | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位    | 時刻    | 潮位  | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位    | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 84   | 75  | 70  | 70  | 77  | 87  | 97  | 102 | 102 | 95 | 83  | 67 | 53 | 41 | 35  | 36  | 45  | 62  | 79  | 94  | 105 | 110 | 108 | 101 | 1878 | 78.3 | L | 7:31  | 102   | 21:14 | 110 | *  | *  | *    | *  | 2:29  | 69    | 14:24 | 34 | *  | *  | *  | *  |
| 2  | 91   | 81  | 72  | 64  | 62  | 67  | 75  | 84  | 90  | 92 | 88  | 80 | 69 | 59 | 52  | 48  | 49  | 57  | 71  | 87  | 100 | 109 | 112 | 109 | 1868 | 77.8 |   | 8:54  | 92    | 21:59 | 112 | *  | *  | *    | *  | 3:48  | 62    | 15:19 | 47 | *  | *  | *  | *  |
| 3  | 101  | 90  | 78  | 66  | 56  | 52  | 55  | 63  | 72  | 81 | 86  | 86 | 81 | 75 | 69  | 63  | 59  | 60  | 67  | 79  | 93  | 105 | 113 | 115 | 1865 | 77.7 |   | 10:28 | 86    | 22:46 | 115 | *  | *  | *    | *  | 5: 5  | 52    | 16:25 | 59 | *  | *  | *  | *  |
| 4  | 110  | 101 | 88  | 73  | 58  | 45  | 39  | 42  | 52  | 64 | 76  | 84 | 88 | 87 | 83  | 79  | 73  | 69  | 68  | 74  | 86  | 99  | 111 | 118 | 1867 | 77.8 |   | 12:13 | 88    | 23:33 | 119 | *  | *  | *    | *  | 6: 9  | 39    | 17:35 | 68 | *  | *  | *  | *  |
| 5  | 118  | 112 | 100 | 84  | 66  | 47  | 32  | 27  | 32  | 44 | 60  | 76 | 87 | 93 | 94  | 92  | 87  | 81  | 75  | 74  | 80  | 92  | 105 | 117 | 1875 | 78.1 |   | 13:49 | 95    | *     | *   | *  | *  | 7: 1 | 27 | 18:37 | 74    | *     | *  | *  | *  |    |    |
| 6  | 123  | 121 | 112 | 97  | 78  | 55  | 34  | 20  | 17  | 25 | 41  | 61 | 80 | 93 | 101 | 102 | 99  | 93  | 85  | 79  | 79  | 86  | 98  | 112 | 1891 | 78.8 |   | 0:19  | 123   | 14:48 | 102 | *  | *  | *    | *  | 7:47  | 17    | 19:31 | 78 | *  | *  | *  | *  |
| 7  | 123  | 127 | 123 | 111 | 92  | 69  | 44  | 23  | 10  | 10 | 23  | 43 | 67 | 87 | 101 | 107 | 107 | 102 | 94  | 86  | 82  | 83  | 91  | 105 | 1910 | 79.6 |   | 1: 3  | 127   | 15:29 | 108 | *  | *  | *    | *  | 8:30  | 9     | 20:18 | 81 | *  | *  | *  | *  |
| 8  | 119  | 129 | 131 | 124 | 108 | 85  | 58  | 32  | 13  | 4  | 9   | 26 | 50 | 75 | 95  | 107 | 111 | 109 | 102 | 93  | 86  | 83  | 87  | 97  | 1933 | 80.5 |   | 1:43  | 131   | 16: 4 | 111 | *  | *  | *    | *  | 9:10  | 4     | 21: 0 | 83 | *  | *  | *  | *  |
| 9  | 112  | 126 | 134 | 133 | 121 | 101 | 75  | 47  | 23  | 7  | 3   | 12 | 34 | 61 | 86  | 103 | 112 | 112 | 107 | 98  | 90  | 85  | 84  | 90  | 1956 | 81.5 | N | 2:21  | 135   | 16:35 | 113 | *  | *  | *    | *  | 9:48  | 2     | 21:37 | 84 | *  | *  | *  | *  |
| 10 | 103  | 119 | 132 | 136 | 130 | 115 | 91  | 64  | 37  | 16 | 4   | 6  | 21 | 46 | 74  | 96  | 109 | 114 | 111 | 103 | 94  | 87  | 83  | 85  | 1976 | 82.3 |   | 2:56  | 136   | 17: 4 | 114 | *  | *  | *    | *  | 10:24 | 3     | 22:11 | 83 | *  | *  | *  | *  |
| 11 | 94   | 109 | 125 | 134 | 134 | 124 | 105 | 80  | 53  | 28 | 12  | 6  | 13 | 33 | 60  | 86  | 104 | 113 | 113 | 108 | 99  | 90  | 84  | 83  | 1990 | 82.9 |   | 3:29  | 135   | 17:34 | 114 | *  | *  | *    | *  | 10:57 | 6     | 22:44 | 82 | *  | *  | *  | *  |
| 12 | 88   | 99  | 114 | 127 | 132 | 128 | 114 | 93  | 68  | 43 | 22  | 11 | 12 | 25 | 48  | 75  | 96  | 110 | 114 | 112 | 104 | 94  | 86  | 82  | 1997 | 83.2 |   | 4: 1  | 132   | 18: 5 | 114 | *  | *  | *    | *  | 11:28 | 10    | 23:20 | 82 | *  | *  | *  | *  |
| 13 | 83   | 90  | 103 | 117 | 126 | 126 | 118 | 102 | 80  | 56 | 35  | 20 | 15 | 22 | 39  | 63  | 87  | 104 | 113 | 114 | 109 | 100 | 90  | 83  | 1995 | 83.1 |   | 4:33  | 127   | 18:40 | 115 | *  | *  | *    | *  | 11:57 | 15    | 23:59 | 80 | *  | *  | *  | *  |
| 14 | 80   | 84  | 93  | 105 | 116 | 121 | 118 | 107 | 90  | 69 | 48  | 32 | 22 | 23 | 34  | 53  | 76  | 96  | 109 | 115 | 113 | 106 | 96  | 86  | 1992 | 83.0 |   | 5: 7  | 121   | 19:17 | 115 | *  | *  | *    | *  | 12:27 | 21    | *     | *  | *  | *  | *  | *  |
| 15 | 80   | 79  | 83  | 92  | 103 | 111 | 113 | 108 | 97  | 81 | 62  | 45 | 34 | 29 | 34  | 47  | 66  | 86  | 102 | 112 | 115 | 111 | 102 | 91  | 1983 | 82.6 |   | 5:47  | 113   | 19:55 | 115 | *  | *  | *    | *  | 0:44  | 79    | 12:59 | 29 | *  | *  | *  | *  |
| 16 | 82   | 77  | 76  | 80  | 88  | 97  | 103 | 104 | 99  | 89 | 75  | 60 | 48 | 41 | 40  | 47  | 60  | 77  | 94  | 107 | 114 | 115 | 108 | 98  | 1979 | 82.5 |   | 6:41  | 104   | 20:34 | 115 | *  | *  | *    | *  | 1:41  | 76    | 13:35 | 40 | *  | *  | *  | *  |
| 17 | 86   | 77  | 72  | 70  | 73  | 80  | 88  | 94  | 96  | 93 | 85  | 74 | 63 | 56 | 52  | 53  | 60  | 72  | 87  | 101 | 111 | 116 | 114 | 106 | 1979 | 82.5 | U | 7:58  | 96    | 21:14 | 116 | *  | *  | *    | *  | 2:52  | 70    | 14:19 | 52 | *  | *  | *  | *  |
| 18 | 94   | 82  | 71  | 63  | 59  | 61  | 68  | 77  | 85  | 90 | 90  | 86 | 78 | 72 | 67  | 65  | 66  | 71  | 82  | 95  | 107 | 116 | 119 | 115 | 1979 | 82.5 |   | 9:36  | 91    | 21:57 | 119 | *  | *  | *    | *  | 4:10  | 59    | 15:21 | 65 | *  | *  | *  | *  |
| 19 | 104  | 90  | 76  | 63  | 51  | 45  | 47  | 55  | 66  | 77 | 86  | 90 | 90 | 87 | 83  | 80  | 77  | 76  | 81  | 90  | 102 | 114 | 121 | 123 | 1974 | 82.3 |   | 11:21 | 91    | 22:43 | 123 | *  | *  | *    | *  | 5:19  | 45    | 16:41 | 76 | *  | *  | *  | *  |
| 20 | 117  | 104 | 88  | 70  | 52  | 37  | 30  | 31  | 42  | 56 | 72  | 85 | 94 | 97 | 96  | 94  | 90  | 86  | 84  | 88  | 97  | 109 | 121 | 128 | 1968 | 82.0 |   | 13:17 | 97    | 23:34 | 129 | *  | *  | *    | *  | 6:18  | 29    | 17:53 | 84 | *  | *  | *  | *  |
| 21 | 128  | 120 | 105 | 85  | 63  | 41  | 23  | 14  | 17  | 31 | 49  | 69 | 87 | 99 | 104 | 105 | 102 | 97  | 91  | 89  | 93  | 103 | 116 | 128 | 1959 | 81.6 |   | 14:40 | 105   | *     | *   | *  | *  | 7:13 | 14 | 18:56 | 89    | *     | *  | *  | *  |    |    |
| 22 | 135  | 135 | 125 | 106 | 82  | 55  | 29  | 10  | 1   | 7  | 24  | 46 | 71 | 91 | 104 | 110 | 111 | 107 | 100 | 93  | 91  | 96  | 107 | 121 | 1957 | 81.5 |   | 0:28  | 136   | 15:30 | 111 | *  | *  | *    | *  | 8: 5  | 1     | 19:53 | 91 | *  | *  | *  | *  |
| 23 | 135  | 142 | 141 | 129 | 107 | 79  | 48  | 20  | 0   | -7 | 1   | 22 | 48 | 75 | 97  | 110 | 115 | 113 | 107 | 99  | 92  | 90  | 96  | 109 | 1968 | 82.0 | F | 1:22  | 143   | 16:11 | 115 | *  | *  | *    | *  | 8:56  | -7    | 20:47 | 90 | *  | *  | *  | *  |
| 24 | 126  | 140 | 148 | 145 | 130 | 105 | 74  | 42  | 13  | -6 | -10 | 2  | 26 | 55 | 83  | 103 | 114 | 117 | 113 | 105 | 95  | 88  | 87  | 94  | 1989 | 82.9 |   | 2:14  | 148   | 16:48 | 117 | *  | *  | *    | *  | 9:45  | # -11 | 21:41 | 86 | *  | *  | *  | *  |
| 25 | 110  | 129 | 144 | 150 | 145 | 128 | 101 | 69  | 36  | 9  | -7  | -7 | 9  | 36 | 66  | 92  | 110 | 117 | 117 | 110 | 100 | 90  | 82  | 82  | 2018 | 84.1 |   | 3: 4  | # 150 | 17:23 | 118 | *  | *  | *    | *  | 10:31 | -9    | 22:32 | 81 | *  | *  | *  | *  |
| 26 | 92   | 110 | 130 | 144 | 148 | 140 | 122 | 94  | 63  | 32 | 9   | -3 | 1  | 22 | 51  | 80  | 102 | 115 | 119 | 115 | 106 | 94  | 83  | 77  | 2046 | 85.3 |   | 3:52  | 148   | 17:57 | 119 | *  | *  | *    | *  | 11:14 | -4    | 23:22 | 76 | *  | *  | *  | *  |
| 27 | 78   | 90  | 109 | 128 | 140 | 141 | 132 | 113 | 86  | 57 | 31  | 12 | 6  | 16 | 39  | 67  | 93  | 111 | 120 | 120 | 113 | 101 | 88  | 77  | 2068 | 86.2 |   | 4:40  | 142   | 18:31 | 121 | *  | *  | *    | *  | 11:54 | 6     | *     | *  | *  | *  | *  | *  |
| 28 | 71   | 74  | 88  | 106 | 122 | 131 | 131 | 121 | 102 | 78 | 53  | 33 | 21 | 20 | 34  | 58  | 84  | 104 | 118 | 122 | 119 | 109 | 95  | 82  | 2076 | 86.5 |   | 5:28  | 132   | 19: 5 | 122 | *  | *  | *    | *  | 0:12  | 71    | 12:31 | 19 | *  | *  | *  | *  |
| 29 | 72   | 67  | 71  | 84  | 101 | 114 | 120 | 119 | 109 | 92 | 72  | 53 | 39 | 33 | 38  | 53  | 76  | 97  | 113 | 122 | 123 | 117 | 104 | 90  | 2079 | 86.6 |   | 6:21  | 121   | 19:39 | 124 | *  | *  | *    | *  | 1: 5  | 67    | 13: 7 | 33 | *  | *  | *  | *  |
| 30 | 78   | 68  | 64  | 68  | 79  | 92  | 103 | 108 | 107 | 99 | 85  | 70 | 57 | 50 | 49  | 56  | 71  | 90  | 107 | 119 | 125 | 123 | 113 | 100 | 2081 | 86.7 | L | 7:20  | 108   | 20:15 | 125 | *  | *  | *    | *  | 2: 3  | 64    | 13:41 | 48 | *  | *  | *  | *  |

| 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      | 59096        | 82.1          | 25日3時4分 | 150 | 1  | 24日9時45分 | -11 | 1  |

# 推算潮位（毎時・満干潮）

地点名：根室

緯度：43 °21 N

経度：145 °35 E

潮位表基準面の零点：平均海面下 87.0(cm)

2013 年 7 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |    |    |    |     |     |     |     |     |     |     |     |     |     | 満潮   |      |      |       |       |       |       |     | 干潮 |    |      |      |       |       |       |     |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-------|-------|-------|-------|-----|----|----|------|------|-------|-------|-------|-----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10 | 11 | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23   | 日合計  | 日平均  | 月     | 時刻    | 潮位    | 時刻    | 潮位  | 時刻 | 潮位 | 時刻   | 潮位   | 時刻    | 潮位    | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 86   | 74  | 64  | 59  | 62  | 71  | 82  | 92  | 97  | 97  | 91 | 82 | 73 | 67  | 64  | 65  | 72  | 85  | 100 | 114 | 123 | 125 | 121 | 110  | 2076 | 86.5 |       | 8:31  | 98    | 20:53 | 125 | *  | *  | *    | *    | 3:10  | 59    | 14:17 | 63  | *  | *  | *  | *  |
| 2  | 97   | 84  | 71  | 60  | 54  | 54  | 62  | 72  | 82  | 89  | 91 | 89 | 84 | 81  | 78  | 77  | 79  | 84  | 95  | 107 | 118 | 124 | 125 | 119  | 2076 | 86.5 |       | 9:58  | 91    | 21:38 | 126 | *  | *  | *    | *    | 4:23  | 53    | 15: 6 | 77  | *  | *  | *  | *  |
| 3  | 109  | 96  | 82  | 67  | 54  | 46  | 45  | 52  | 63  | 75  | 84 | 89 | 91 | 91  | 90  | 88  | 88  | 93  | 101 | 111 | 120 | 126 | 126 | 2078 | 86.6 |      | 12:22 | 91    | 22:29 | 126   | *   | *  | *  | *    | 5:33 | 44    | 16:30 | 88    | *   | *  | *  | *  |    |
| 4  | 120  | 109 | 95  | 79  | 61  | 46  | 36  | 36  | 44  | 57  | 71 | 83 | 92 | 97  | 100 | 100 | 98  | 95  | 94  | 97  | 104 | 113 | 122 | 128  | 2077 | 86.5 |       | 14:39 | 100   | 23:28 | 128 | *  | *  | *    | *    | 6:33  | 35    | 17:54 | 94  | *  | *  | *  | *  |
| 5  | 127  | 121 | 110 | 94  | 74  | 54  | 36  | 27  | 28  | 38  | 54 | 72 | 87 | 98  | 105 | 107 | 106 | 102 | 98  | 96  | 98  | 106 | 116 | 125  | 2079 | 86.6 |       | 15:10 | 107   | *     | *   | *  | *  | 7:25 | 26   | 19: 1 | 96    | *     | *   | *  | *  |    |    |
| 6  | 131  | 131 | 124 | 110 | 90  | 67  | 44  | 27  | 19  | 23  | 37 | 57 | 77 | 94  | 106 | 112 | 112 | 108 | 102 | 97  | 95  | 98  | 107 | 119  | 2087 | 87.0 |       | 0:27  | 132   | 15:34 | 112 | *  | *  | *    | *    | 8:11  | 19    | 19:54 | 95  | *  | *  | *  | *  |
| 7  | 130  | 135 | 134 | 124 | 107 | 84  | 58  | 35  | 19  | 15  | 23 | 41 | 64 | 87  | 103 | 113 | 116 | 113 | 106 | 99  | 94  | 93  | 98  | 109  | 2100 | 87.5 |       | 1:19  | 136   | 15:57 | 116 | *  | *  | *    | *    | 8:52  | 15    | 20:39 | 93  | *  | *  | *  | *  |
| 8  | 123  | 135 | 139 | 135 | 122 | 101 | 75  | 48  | 26  | 14  | 14 | 27 | 50 | 76  | 98  | 112 | 118 | 117 | 111 | 102 | 94  | 90  | 91  | 99   | 2117 | 88.2 | N     | 2: 3  | 139   | 16:19 | 119 | *  | *  | *    | *    | 9:30  | 12    | 21:18 | 90  | *  | *  | *  | *  |
| 9  | 113  | 128 | 139 | 141 | 133 | 116 | 91  | 64  | 38  | 20  | 13 | 19 | 37 | 63  | 89  | 109 | 119 | 121 | 116 | 106 | 96  | 89  | 86  | 90   | 2136 | 89.0 |       | 2:42  | 141   | 16:43 | 121 | *  | *  | *    | *    | 10: 4 | 13    | 21:55 | 86  | *  | *  | *  | *  |
| 10 | 102  | 118 | 132 | 140 | 138 | 126 | 106 | 80  | 53  | 30  | 17 | 16 | 28 | 51  | 79  | 103 | 118 | 124 | 121 | 112 | 100 | 90  | 84  | 84   | 2152 | 89.7 |       | 3:18  | 141   | 17: 7 | 124 | *  | *  | *    | *    | 10:35 | 14    | 22:31 | 83  | *  | *  | *  | *  |
| 11 | 91   | 105 | 122 | 135 | 138 | 132 | 116 | 94  | 68  | 43  | 25 | 18 | 24 | 42  | 68  | 95  | 114 | 125 | 125 | 118 | 107 | 94  | 84  | 79   | 2162 | 90.1 |       | 3:52  | 138   | 17:34 | 126 | *  | *  | *    | *    | 11: 5 | 18    | 23: 7 | 79  | *  | *  | *  | *  |
| 12 | 83   | 93  | 109 | 124 | 133 | 133 | 123 | 105 | 82  | 57  | 37 | 25 | 25 | 37  | 59  | 85  | 108 | 123 | 128 | 124 | 113 | 99  | 87  | 78   | 2170 | 90.4 |       | 4:26  | 134   | 18: 2 | 128 | *  | *  | *    | *    | 11:33 | 23    | 23:44 | 76  | *  | *  | *  | *  |
| 13 | 76   | 82  | 95  | 111 | 124 | 129 | 125 | 113 | 94  | 72  | 51 | 37 | 31 | 37  | 53  | 76  | 100 | 118 | 127 | 127 | 120 | 106 | 91  | 79   | 2174 | 90.6 |       | 5: 3  | 129   | 18:32 | 128 | *  | *  | *    | *    | 12: 1 | 31    | *     | *   | *  | *  | *  | *  |
| 14 | 73   | 74  | 82  | 96  | 110 | 120 | 122 | 116 | 103 | 85  | 66 | 51 | 42 | 42  | 52  | 70  | 92  | 111 | 124 | 129 | 125 | 113 | 98  | 83   | 2179 | 90.8 |       | 5:45  | 122   | 19: 2 | 129 | *  | *  | *    | *    | 0:25  | 72    | 12:29 | 41  | *  | *  | *  | *  |
| 15 | 73   | 68  | 70  | 79  | 93  | 105 | 113 | 113 | 108 | 95  | 80 | 66 | 56 | 53  | 57  | 69  | 86  | 105 | 120 | 128 | 128 | 120 | 106 | 90   | 2181 | 90.9 |       | 6:37  | 114   | 19:33 | 129 | *  | *  | *    | *    | 1:12  | 68    | 12:57 | 53  | *  | *  | *  | *  |
| 16 | 76   | 67  | 62  | 65  | 74  | 86  | 97  | 104 | 105 | 101 | 91 | 80 | 71 | 67  | 68  | 74  | 85  | 100 | 115 | 125 | 129 | 127 | 116 | 101  | 2186 | 91.1 | U     | 7:45  | 105   | 20: 7 | 129 | *  | *  | *    | *    | 2:10  | 62    | 13:22 | 67  | *  | *  | *  | *  |
| 17 | 84   | 71  | 61  | 55  | 56  | 64  | 75  | 86  | 94  | 98  | 96 | 90 | 84 | 81  | 81  | 82  | 88  | 97  | 110 | 121 | 129 | 131 | 126 | 114  | 2174 | 90.6 |       | 9:12  | 98    | 20:48 | 131 | *  | *  | *    | *    | 3:22  | 55    | 13:42 | 81  | *  | *  | *  | *  |
| 18 | 98   | 82  | 67  | 55  | 47  | 45  | 52  | 63  | 75  | 85  | 92 | 94 | 94 | 93  | 93  | 94  | 98  | 105 | 116 | 125 | 132 | 133 | 127 | 2158 | 89.9 |      | 11: 8 | 94    | 21:41 | 133   | *   | *  | *  | *    | 4:39 | 45    | 13:27 | 92    | *   | *  | *  | *  |    |
| 19 | 115  | 99  | 81  | 64  | 48  | 36  | 33  | 39  | 51  | 65  | 79 | 90 | 96 | 100 | 102 | 103 | 102 | 101 | 103 | 109 | 118 | 128 | 134 | 136  | 2132 | 88.8 |       | 15:10 | 103   | 22:47 | 136 | *  | *  | *    | *    | 5:51  | 33    | 17: 3 | 101 | *  | *  | *  | *  |
| 20 | 131  | 119 | 102 | 82  | 61  | 40  | 25  | 21  | 27  | 41  | 58 | 76 | 91 | 102 | 107 | 110 | 109 | 106 | 103 | 103 | 109 | 118 | 129 | 138  | 2108 | 87.8 |       | 15:21 | 110   | *     | *   | *  | *  | 6:55 | 21   | 18:31 | 102   | *     | *   | *  | *  |    |    |
| 21 | 141  | 137 | 125 | 106 | 82  | 57  | 32  | 15  | 10  | 18  | 35 | 57 | 79 | 97  | 109 | 114 | 115 | 111 | 105 | 100 | 99  | 105 | 116 | 130  | 2095 | 87.3 |       | 0: 1  | 141   | 15:38 | 115 | *  | *  | *    | *    | 7:53  | 10    | 19:39 | 99  | *  | *  | *  | *  |
| 22 | 141  | 147 | 144 | 130 | 108 | 81  | 52  | 25  | 8   | 4   | 15 | 36 | 61 | 86  | 105 | 116 | 119 | 116 | 109 | 100 | 93  | 92  | 100 | 114  | 2102 | 87.6 |       | 1:10  | 147   | 15:59 | 119 | *  | *  | *    | *    | 8:44  | 4     | 20:38 | 92  | *  | *  | *  | *  |
| 23 | 131  | 145 | 152 | 148 | 132 | 107 | 77  | 46  | 19  | 4   | 3  | 18 | 44 | 72  | 97  | 114 | 122 | 122 | 115 | 104 | 92  | 84  | 84  | 94   | 2126 | 88.6 | F     | 2: 9  | 152   | 16:23 | 123 | *  | *  | *    | *    | 9:31  | # 2   | 21:31 | 83  | *  | *  | *  | *  |
| 24 | 112  | 132 | 148 | 154 | 148 | 130 | 103 | 72  | 41  | 16  | 4  | 9  | 29 | 58  | 87  | 110 | 123 | 127 | 121 | 110 | 96  | 83  | 75  | 77   | 2165 | 90.2 |       | 3: 1  | # 154 | 16:50 | 127 | *  | *  | *    | *    | 10:14 | 4     | 22:20 | 74  | *  | *  | *  | *  |
| 25 | 90   | 111 | 133 | 147 | 151 | 143 | 123 | 96  | 65  | 37  | 17 | 11 | 21 | 46  | 76  | 103 | 122 | 130 | 128 | 118 | 103 | 87  | 74  | 67   | 2199 | 91.6 |       | 3:50  | 152   | 17:18 | 130 | *  | *  | *    | *    | 10:53 | 11    | 23: 7 | 67  | *  | *  | *  | *  |
| 26 | 72   | 88  | 111 | 131 | 144 | 145 | 134 | 114 | 87  | 60  | 37 | 23 | 24 | 39  | 66  | 95  | 117 | 130 | 133 | 126 | 112 | 95  | 78  | 66   | 2227 | 92.8 |       | 4:36  | 146   | 17:46 | 133 | *  | *  | *    | *    | 11:29 | 22    | 23:53 | 62  | *  | *  | *  | *  |
| 27 | 62   | 69  | 88  | 110 | 127 | 136 | 135 | 123 | 103 | 79  | 57 | 41 | 35 | 41  | 60  | 87  | 111 | 128 | 135 | 133 | 121 | 104 | 86  | 71   | 2242 | 93.4 |       | 5:22  | 137   | 18:15 | 135 | *  | *  | *    | *    | 12: 3 | 35    | *     | *   | *  | *  | *  | *  |
| 28 | 61   | 59  | 69  | 87  | 107 | 120 | 126 | 123 | 111 | 93  | 75 | 60 | 51 | 50  | 61  | 81  | 104 | 123 | 134 | 136 | 129 | 114 | 97  | 80   | 2251 | 93.8 |       | 6:10  | 126   | 18:43 | 136 | *  | *  | *    | *    | 0:39  | 59    | 12:33 | 49  | *  | *  | *  | *  |
| 29 | 66   | 58  | 59  | 69  | 85  | 101 | 111 | 115 | 112 | 101 | 87 | 75 | 67 | 64  | 68  | 80  | 99  | 117 | 130 | 135 | 133 | 123 | 108 | 91   | 2254 | 93.9 |       | 7: 2  | 115   | 19:14 | 136 | *  | *  | *    | *    | 1:29  | 57    | 12:57 | 64  | *  | *  | *  | *  |
| 30 | 76   | 64  | 58  | 58  | 67  | 80  | 93  | 101 | 105 | 102 | 95 | 86 | 80 | 78  | 79  | 85  | 96  | 111 | 124 | 132 | 134 | 129 | 118 | 103  | 2254 | 93.9 | L     | 8: 4  | 105   | 19:47 | 134 | *  | *  | *    | *    | 2:26  | 57    | 13:10 | 78  | *  | *  | *  | *  |
| 31 | 88   | 75  | 64  | 57  | 56  | 63  | 73  | 84  | 92  | 96  | 96 | 93 | 90 | 89  | 90  | 93  | 98  | 106 | 117 | 126 | 131 | 131 | 125 | 114  | 2247 | 93.6 |       | 9:26  | 96    | 20:29 | 132 | *  | *  | *    | *    | 3:35  | 56    | 12:49 | 89  | *  | *  | *  | *  |

| 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      | 66764        | 89.7          | 24日3時1分 | 154 | 1  | 23日9時31分 | 2  | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 根室

緯度: 43 °21 N

経度: 145 °35 E

潮位表基準面の零点: 平均海面下 87.0(cm)

2013 年 8 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |    |    |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |       |       |       |     | 干潮 |    |      |    |       |      |       |     |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-------|-------|-----|----|----|------|----|-------|------|-------|-----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10 | 11 | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位    | 時刻    | 潮位  | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位   | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 101  | 88  | 75  | 63  | 54  | 52  | 56  | 65  | 75  | 85  | 91 | 94 | 96  | 97  | 99  | 101 | 102 | 105 | 111 | 118 | 125 | 129 | 128 | 123 | 2233 | 93.0 |   | 21:26 | 129   | *     | *   | *  | *  | *    | *  | 4:52  | 52   | *     | *   | *  | *  | *  | *  |
| 2  | 114  | 102 | 89  | 75  | 60  | 49  | 45  | 48  | 57  | 69  | 81 | 90 | 97  | 102 | 105 | 107 | 107 | 106 | 107 | 110 | 116 | 123 | 127 | 128 | 2214 | 92.3 |   | 15:22 | 107   | 22:42 | 128 | *  | *  | *    | *  | 6: 4  | 45   | 17:11 | 106 | *  | *  | *  | *  |
| 3  | 125  | 117 | 105 | 90  | 72  | 55  | 42  | 37  | 41  | 53  | 67 | 82 | 95  | 104 | 109 | 112 | 111 | 108 | 105 | 104 | 107 | 114 | 122 | 128 | 2205 | 91.9 |   | 15:12 | 112   | *     | *   | *  | *  | 7: 3 | 37 | 18:43 | 104  | *     | *   | *  | *  |    |    |
| 4  | 131  | 128 | 120 | 106 | 88  | 67  | 47  | 34  | 31  | 37  | 52 | 71 | 88  | 103 | 112 | 116 | 115 | 110 | 104 | 100 | 99  | 103 | 112 | 123 | 2197 | 91.5 |   | 0: 2  | 131   | 15:18 | 116 | *  | *  | *    | *  | 7:50  | 31   | 19:40 | 99  | *  | *  | *  | *  |
| 5  | 131  | 135 | 132 | 122 | 104 | 82  | 58  | 39  | 27  | 27  | 38 | 57 | 79  | 99  | 112 | 119 | 119 | 114 | 106 | 98  | 93  | 94  | 101 | 112 | 2198 | 91.6 |   | 1: 5  | 135   | 15:31 | 120 | *  | *  | *    | *  | 8:31  | 26   | 20:24 | 93  | *  | *  | *  | *  |
| 6  | 126  | 136 | 139 | 134 | 120 | 98  | 73  | 49  | 31  | 23  | 28 | 44 | 68  | 92  | 111 | 121 | 124 | 119 | 109 | 98  | 90  | 86  | 89  | 100 | 2208 | 92.0 |   | 1:53  | 139   | 15:47 | 124 | *  | *  | *    | *  | 9: 7  | 23   | 21: 2 | 86  | *  | *  | *  | *  |
| 7  | 115  | 131 | 140 | 141 | 131 | 113 | 89  | 62  | 39  | 25  | 23 | 34 | 56  | 83  | 107 | 122 | 128 | 125 | 115 | 102 | 89  | 81  | 80  | 87  | 2218 | 92.4 | N | 2:33  | 142   | 16: 7 | 128 | *  | *  | *    | *  | 9:39  | 22   | 21:38 | 80  | *  | *  | *  | *  |
| 8  | 102  | 120 | 135 | 143 | 139 | 125 | 104 | 78  | 52  | 33  | 24 | 29 | 46  | 72  | 99  | 120 | 131 | 131 | 122 | 108 | 92  | 80  | 74  | 77  | 2236 | 93.2 |   | 3:10  | 143   | 16:29 | 132 | *  | *  | *    | *  | 10:10 | 24   | 22:12 | 74  | *  | *  | *  | *  |
| 9  | 88   | 106 | 125 | 139 | 142 | 134 | 116 | 93  | 67  | 45  | 31 | 29 | 40  | 63  | 90  | 115 | 131 | 135 | 129 | 115 | 98  | 82  | 71  | 68  | 2252 | 93.8 |   | 3:46  | 142   | 16:53 | 135 | *  | *  | *    | *  | 10:39 | 28   | 22:47 | 68  | *  | *  | *  | *  |
| 10 | 75   | 91  | 111 | 129 | 139 | 137 | 126 | 106 | 82  | 60  | 42 | 35 | 40  | 57  | 82  | 108 | 127 | 136 | 134 | 123 | 105 | 87  | 71  | 63  | 2266 | 94.4 |   | 4:22  | 139   | 17:18 | 137 | *  | *  | *    | *  | 11: 7 | 35   | 23:23 | 63  | *  | *  | *  | *  |
| 11 | 64   | 76  | 95  | 115 | 130 | 135 | 130 | 116 | 96  | 75  | 57 | 46 | 45  | 56  | 76  | 101 | 122 | 135 | 137 | 129 | 114 | 94  | 75  | 62  | 2281 | 95.0 |   | 5: 1  | 135   | 17:43 | 138 | *  | *  | *    | *  | 11:35 | 44   | *     | *   | *  | *  | *  | *  |
| 12 | 58   | 63  | 77  | 97  | 115 | 126 | 128 | 121 | 107 | 89  | 72 | 60 | 56  | 60  | 75  | 95  | 116 | 132 | 138 | 135 | 122 | 103 | 83  | 66  | 2294 | 95.6 |   | 5:43  | 128   | 18: 9 | 138 | *  | *  | *    | *  | 0: 1  | 58   | 12: 1 | 56  | *  | *  | *  | *  |
| 13 | 56   | 54  | 61  | 77  | 95  | 110 | 119 | 119 | 112 | 99  | 85 | 74 | 69  | 70  | 78  | 93  | 111 | 127 | 137 | 138 | 130 | 114 | 94  | 75  | 2297 | 95.7 |   | 6:33  | 120   | 18:36 | 138 | *  | *  | *    | *  | 0:45  | 54   | 12:23 | 68  | *  | *  | *  | *  |
| 14 | 61   | 52  | 51  | 59  | 73  | 89  | 102 | 109 | 109 | 103 | 94 | 86 | 81  | 81  | 85  | 94  | 107 | 122 | 133 | 138 | 135 | 125 | 108 | 89  | 2286 | 95.3 | U | 7:34  | 110   | 19: 8 | 138 | *  | *  | *    | *  | 1:38  | 51   | 12:34 | 81  | *  | *  | *  | *  |
| 15 | 72   | 59  | 50  | 48  | 54  | 67  | 80  | 91  | 98  | 100 | 98 | 93 | 91  | 91  | 93  | 98  | 105 | 116 | 127 | 135 | 137 | 133 | 122 | 106 | 2264 | 94.3 |   | 8:57  | 100   | 19:50 | 137 | *  | *  | *    | *  | 2:45  | 48   | 12:24 | 90  | *  | *  | *  | *  |
| 16 | 88   | 72  | 59  | 49  | 44  | 47  | 57  | 68  | 80  | 88  | 94 | 96 | 97  | 98  | 101 | 103 | 106 | 111 | 119 | 127 | 133 | 135 | 131 | 122 | 2225 | 92.7 |   | 20:52 | 135   | *     | *   | *  | *  | 4: 6 | 44 | *     | *    | *     | *   | *  | *  |    |    |
| 17 | 108  | 92  | 76  | 60  | 46  | 38  | 38  | 46  | 58  | 71  | 83 | 92 | 98  | 103 | 106 | 108 | 108 | 108 | 110 | 116 | 123 | 130 | 134 | 133 | 2185 | 91.0 |   | 22:22 | 134   | *     | *   | *  | *  | 5:29 | 37 | *     | *    | *     | *   | *  | *  |    |    |
| 18 | 126  | 114 | 98  | 80  | 60  | 42  | 31  | 29  | 36  | 50  | 66 | 82 | 96  | 105 | 110 | 112 | 111 | 107 | 103 | 103 | 108 | 117 | 127 | 134 | 2147 | 89.5 |   | 15: 7 | 112   | 23:57 | 137 | *  | *  | *    | *  | 6:41  | 28   | 18:32 | 102 | *  | *  | *  | *  |
| 19 | 137  | 133 | 121 | 104 | 82  | 58  | 37  | 23  | 21  | 31  | 48 | 69 | 88  | 104 | 114 | 117 | 115 | 109 | 101 | 94  | 93  | 99  | 111 | 125 | 2134 | 88.9 |   | 15: 7 | 117   | *     | *   | *  | *  | 7:38 | 21 | 19:38 | 92   | *     | *   | *  | *  |    |    |
| 20 | 137  | 143 | 139 | 127 | 106 | 81  | 54  | 31  | 18  | 18  | 32 | 53 | 77  | 99  | 115 | 122 | 121 | 114 | 102 | 90  | 81  | 81  | 90  | 107 | 2138 | 89.1 |   | 1:11  | 143   | 15:21 | 122 | *  | *  | *    | *  | 8:27  | # 16 | 20:32 | 80  | *  | *  | *  | *  |
| 21 | 125  | 140 | 147 | 144 | 129 | 105 | 77  | 49  | 26  | 16  | 21 | 39 | 65  | 92  | 113 | 126 | 128 | 121 | 108 | 92  | 77  | 69  | 71  | 84  | 2164 | 90.2 | F | 2:10  | 148   | 15:42 | 128 | *  | *  | *    | *  | 9:11  | # 16 | 21:20 | 68  | *  | *  | *  | *  |
| 22 | 105  | 127 | 144 | 150 | 144 | 126 | 100 | 71  | 44  | 25  | 20 | 30 | 54  | 82  | 109 | 127 | 133 | 129 | 117 | 99  | 80  | 65  | 58  | 64  | 2203 | 91.8 |   | 3: 0  | # 150 | 16: 6 | 134 | *  | *  | *    | *  | 9:51  | 20   | 22: 5 | 58  | *  | *  | *  | *  |
| 23 | 82   | 106 | 129 | 145 | 148 | 139 | 119 | 93  | 66  | 43  | 29 | 30 | 46  | 73  | 101 | 124 | 136 | 137 | 127 | 109 | 88  | 68  | 55  | 51  | 2244 | 93.5 |   | 3:46  | 148   | 16:32 | 138 | *  | *  | *    | *  | 10:28 | 27   | 22:47 | 51  | *  | *  | *  | *  |
| 24 | 61   | 83  | 109 | 130 | 142 | 142 | 131 | 110 | 86  | 62  | 45 | 38 | 45  | 66  | 93  | 119 | 136 | 141 | 135 | 120 | 98  | 77  | 59  | 48  | 2276 | 94.8 |   | 4:30  | 144   | 16:58 | 141 | *  | *  | *    | *  | 11: 2 | 38   | 23:29 | 46  | *  | *  | *  | *  |
| 25 | 48   | 62  | 86  | 111 | 129 | 137 | 134 | 120 | 101 | 80  | 63 | 53 | 52  | 64  | 87  | 112 | 132 | 141 | 140 | 129 | 110 | 88  | 68  | 53  | 2300 | 95.8 |   | 5:13  | 137   | 17:23 | 142 | *  | *  | *    | *  | 11:33 | 51   | *     | *   | *  | *  | *  | *  |
| 26 | 45   | 50  | 66  | 89  | 110 | 124 | 128 | 123 | 110 | 93  | 78 | 68 | 64  | 69  | 84  | 106 | 126 | 139 | 142 | 135 | 120 | 100 | 79  | 62  | 2310 | 96.3 |   | 5:56  | 128   | 17:49 | 142 | *  | *  | *    | *  | 0:10  | 45   | 11:59 | 64  | *  | *  | *  | *  |
| 27 | 50   | 47  | 53  | 70  | 90  | 107 | 116 | 118 | 112 | 101 | 89 | 81 | 77  | 78  | 86  | 101 | 119 | 133 | 139 | 137 | 127 | 111 | 92  | 74  | 2308 | 96.2 |   | 6:43  | 118   | 18:15 | 140 | *  | *  | *    | *  | 0:53  | 47   | 12:16 | 77  | *  | *  | *  | *  |
| 28 | 60   | 52  | 50  | 58  | 72  | 88  | 100 | 107 | 107 | 103 | 96 | 90 | 87  | 88  | 92  | 101 | 113 | 126 | 134 | 136 | 131 | 120 | 104 | 88  | 2303 | 96.0 | L | 7:38  | 108   | 18:45 | 136 | *  | *  | *    | *  | 1:42  | 50   | 12:14 | 87  | *  | *  | *  | *  |
| 29 | 73   | 62  | 55  | 54  | 59  | 70  | 82  | 92  | 98  | 99  | 97 | 95 | 94  | 95  | 98  | 103 | 110 | 118 | 126 | 130 | 130 | 124 | 114 | 101 | 2279 | 95.0 |   | 8:53  | 99    | 19:24 | 131 | *  | *  | *    | *  | 2:42  | 53   | 11:52 | 94  | *  | *  | *  | *  |
| 30 | 88   | 76  | 65  | 58  | 55  | 58  | 65  | 75  | 84  | 91  | 95 | 97 | 98  | 100 | 103 | 105 | 108 | 112 | 117 | 122 | 125 | 124 | 120 | 112 | 2253 | 93.9 |   | 20:23 | 125   | *     | *   | *  | *  | 4: 0 | 55 | *     | *    | *     | *   | *  | *  |    |    |
| 31 | 102  | 91  | 79  | 68  | 58  | 52  | 53  | 59  | 69  | 79  | 88 | 95 | 100 | 104 | 107 | 108 | 108 | 108 | 109 | 112 | 116 | 119 | 121 | 119 | 2224 | 92.7 |   | 21:59 | 121   | *     | *   | *  | *  | 5:25 | 52 | *     | *    | *     | *   | *  | *  |    |    |

| 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      | 69342        | 93.2          | 22日3時0分 | 150 | 1  | 21日9時11分 | 16 | 2  |



# 推算潮位（毎時・満干潮）

地点名：根室

緯度：43 °21 N

経度：145 °35 E

潮位表基準面の零点：平均海面下 87.0(cm)

2013 年 9 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |       |     |       |       | 干潮 |    |      |    |       |    |       |      |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-----|-------|-------|----|----|------|----|-------|----|-------|------|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10 | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位    | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位 | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 114  | 106 | 95  | 81  | 67  | 55  | 47  | 47  | 54  | 65  | 79 | 91  | 101 | 107 | 111 | 111 | 109 | 105 | 102 | 101 | 104 | 110 | 116 | 121 | 2199 | 91.6 |   | 14:36 | 111 | 23:45 | 122   | *  | *  | *    | *  | 6:32  | 46 | 18:39 | 101  | *  | *  | *  | *  |
| 2  | 122  | 118 | 110 | 97  | 80  | 63  | 48  | 41  | 42  | 51  | 67 | 84  | 99  | 109 | 115 | 115 | 111 | 104 | 97  | 93  | 93  | 98  | 106 | 116 | 2179 | 90.8 |   | 14:35 | 116 | *     | *     | *  | *  | 7:22 | 40 | 19:31 | 92 | *     | *    | *  | *  |    |    |
| 3  | 124  | 127 | 123 | 112 | 95  | 75  | 55  | 41  | 35  | 40  | 54 | 74  | 94  | 110 | 119 | 121 | 116 | 107 | 96  | 86  | 82  | 85  | 93  | 107 | 2171 | 90.5 |   | 0:55  | 127 | 14:46 | 121   | *  | *  | *    | *  | 8: 2  | 35 | 20: 9 | 82   | *  | *  | *  | *  |
| 4  | 120  | 129 | 131 | 125 | 110 | 90  | 67  | 47  | 35  | 33  | 43 | 63  | 86  | 107 | 121 | 126 | 122 | 112 | 98  | 84  | 74  | 73  | 79  | 93  | 2168 | 90.3 |   | 1:44  | 132 | 15: 2 | 126   | *  | *  | *    | *  | 8:37  | 32 | 20:43 | 72   | *  | *  | *  | *  |
| 5  | 110  | 126 | 135 | 134 | 124 | 106 | 82  | 59  | 40  | 32  | 37 | 53  | 76  | 102 | 121 | 131 | 129 | 119 | 103 | 85  | 71  | 63  | 66  | 77  | 2181 | 90.9 | N | 2:25  | 136 | 15:22 | 131   | *  | *  | *    | *  | 9: 9  | 32 | 21:16 | 63   | *  | *  | *  | *  |
| 6  | 96   | 117 | 133 | 139 | 134 | 120 | 98  | 74  | 52  | 38  | 35 | 46  | 67  | 94  | 118 | 132 | 135 | 127 | 111 | 91  | 71  | 58  | 54  | 62  | 2202 | 91.8 |   | 3: 3  | 139 | 15:44 | 136   | *  | *  | *    | *  | 9:41  | 35 | 21:50 | 54   | *  | *  | *  | *  |
| 7  | 79   | 102 | 124 | 138 | 140 | 131 | 113 | 90  | 67  | 49  | 41 | 45  | 61  | 86  | 111 | 131 | 139 | 134 | 120 | 99  | 76  | 57  | 47  | 48  | 2228 | 92.8 |   | 3:41  | 140 | 16: 8 | 139   | *  | *  | *    | *  | 10:11 | 40 | 22:24 | 46   | *  | *  | *  | *  |
| 8  | 62   | 84  | 109 | 129 | 139 | 137 | 124 | 105 | 83  | 64  | 51 | 49  | 59  | 79  | 105 | 127 | 140 | 140 | 129 | 109 | 85  | 62  | 46  | 40  | 2257 | 94.0 |   | 4:19  | 139 | 16:32 | 141   | *  | *  | *    | *  | 10:41 | 49 | 23: 1 | 40   | *  | *  | *  | *  |
| 9  | 46   | 64  | 89  | 113 | 130 | 135 | 130 | 116 | 98  | 79  | 65 | 59  | 63  | 77  | 99  | 121 | 137 | 143 | 136 | 119 | 96  | 72  | 51  | 39  | 2277 | 94.9 |   | 5: 0  | 135 | 16:56 | 143   | *  | *  | *    | *  | 11:10 | 59 | 23:40 | 36   | *  | *  | *  | *  |
| 10 | 37   | 47  | 68  | 93  | 114 | 126 | 128 | 121 | 108 | 92  | 79 | 71  | 71  | 79  | 95  | 116 | 133 | 142 | 141 | 129 | 109 | 85  | 62  | 45  | 2291 | 95.5 |   | 5:43  | 128 | 17:22 | 143   | *  | *  | *    | *  | 11:36 | 70 | *     | *    | *  | *  | *  | *  |
| 11 | 35   | 37  | 49  | 71  | 93  | 109 | 118 | 118 | 111 | 100 | 90 | 83  | 81  | 84  | 94  | 110 | 127 | 139 | 142 | 136 | 121 | 100 | 77  | 57  | 2282 | 95.1 |   | 6:31  | 119 | 17:49 | 142   | *  | *  | *    | *  | 0:23  | 35 | 11:56 | 81   | *  | *  | *  | *  |
| 12 | 43   | 36  | 39  | 52  | 70  | 88  | 101 | 108 | 108 | 103 | 96 | 91  | 89  | 91  | 96  | 106 | 120 | 132 | 138 | 138 | 129 | 114 | 94  | 74  | 2256 | 94.0 |   | 7:31  | 108 | 18:23 | 139   | *  | *  | *    | *  | 1:14  | 36 | 12: 0 | 89   | *  | *  | *  | *  |
| 13 | 58   | 46  | 40  | 41  | 52  | 66  | 81  | 91  | 97  | 99  | 98 | 95  | 95  | 97  | 99  | 104 | 112 | 122 | 130 | 133 | 131 | 124 | 111 | 94  | 2216 | 92.3 | U | 8:58  | 99  | 19: 9 | 133   | *  | *  | *    | *  | 2:17  | 39 | 11:39 | 95   | *  | *  | *  | *  |
| 14 | 77   | 63  | 51  | 43  | 42  | 49  | 60  | 72  | 82  | 90  | 95 | 97  | 99  | 101 | 103 | 104 | 106 | 110 | 117 | 123 | 126 | 126 | 121 | 111 | 2168 | 90.3 |   | 20:25 | 126 | *     | *     | *  | *  | 3:37 | 42 | *     | *  | *     | *    | *  | *  |    |    |
| 15 | 98   | 83  | 69  | 55  | 45  | 40  | 43  | 53  | 64  | 77  | 88 | 96  | 101 | 105 | 106 | 106 | 103 | 101 | 102 | 106 | 113 | 119 | 122 | 121 | 2116 | 88.2 |   | 14:16 | 107 | 22:22 | 122   | *  | *  | *    | *  | 5: 4  | 40 | 17:16 | 101  | *  | *  | *  | *  |
| 16 | 115  | 105 | 91  | 75  | 58  | 44  | 36  | 38  | 48  | 62  | 77 | 91  | 102 | 109 | 111 | 109 | 104 | 96  | 90  | 89  | 94  | 103 | 113 | 121 | 2081 | 86.7 |   | 14: 3 | 111 | *     | *     | *  | *  | 6:18 | 36 | 18:39 | 88 | *     | *    | *  | *  |    |    |
| 17 | 125  | 122 | 112 | 97  | 78  | 58  | 41  | 32  | 35  | 47  | 65 | 84  | 101 | 113 | 117 | 115 | 108 | 97  | 84  | 75  | 74  | 82  | 96  | 111 | 2069 | 86.2 |   | 0: 5  | 125 | 14:11 | 117   | *  | *  | *    | *  | 7:16  | 32 | 19:35 | 73   | *  | *  | *  | *  |
| 18 | 124  | 131 | 129 | 118 | 100 | 78  | 55  | 37  | 30  | 36  | 52 | 74  | 96  | 114 | 123 | 123 | 115 | 102 | 85  | 69  | 59  | 61  | 73  | 92  | 2076 | 86.5 |   | 1:16  | 131 | 14:30 | 124   | *  | *  | *    | *  | 8: 3  | 30 | 20:22 | 59   | *  | *  | *  | *  |
| 19 | 113  | 129 | 136 | 133 | 120 | 99  | 75  | 52  | 36  | 33  | 43 | 64  | 89  | 111 | 127 | 131 | 125 | 111 | 91  | 70  | 53  | 46  | 52  | 69  | 2108 | 87.8 | F | 2:12  | 137 | 14:55 | 131   | *  | *  | *    | *  | 8:45  | 32 | 21: 5 | 46   | *  | *  | *  | *  |
| 20 | 93   | 117 | 134 | 140 | 134 | 118 | 95  | 71  | 50  | 38  | 40 | 55  | 80  | 106 | 126 | 136 | 134 | 122 | 101 | 78  | 56  | 40  | 37  | 47  | 2148 | 89.5 |   | 3: 0  | 140 | 15:20 | 137   | *  | *  | *    | *  | 9:24  | 37 | 21:46 | 36   | *  | *  | *  | *  |
| 21 | 70   | 98  | 122 | 137 | 140 | 131 | 113 | 90  | 68  | 52  | 45 | 52  | 72  | 98  | 122 | 137 | 141 | 132 | 113 | 89  | 64  | 43  | 31  | 33  | 2193 | 91.4 |   | 3:44  | 140 | 15:46 | 141   | *  | *  | *    | *  | 10: 1 | 45 | 22:25 | 30   | *  | *  | *  | *  |
| 22 | 49   | 75  | 104 | 126 | 137 | 136 | 124 | 106 | 86  | 68  | 57 | 56  | 68  | 90  | 115 | 135 | 143 | 139 | 125 | 102 | 76  | 53  | 35  | 28  | 2233 | 93.0 |   | 4:25  | 138 | 16:12 | 143   | *  | *  | *    | *  | 10:35 | 55 | 23: 4 | # 28 | *  | *  | *  | *  |
| 23 | 34   | 55  | 82  | 109 | 126 | 133 | 129 | 116 | 99  | 83  | 71 | 66  | 71  | 86  | 108 | 129 | 141 | 143 | 133 | 114 | 90  | 65  | 45  | 32  | 2260 | 94.2 |   | 5: 6  | 133 | 16:36 | # 144 | *  | *  | *    | *  | 11: 5 | 66 | 23:42 | 29   | *  | *  | *  | *  |
| 24 | 30   | 40  | 63  | 89  | 111 | 123 | 126 | 120 | 107 | 94  | 83 | 77  | 77  | 86  | 102 | 122 | 137 | 142 | 137 | 123 | 102 | 79  | 58  | 42  | 2270 | 94.6 |   | 5:46  | 126 | 17: 1 | 142   | *  | *  | *    | *  | 11:30 | 76 | *     | *    | *  | *  | *  | *  |
| 25 | 34   | 36  | 49  | 71  | 93  | 109 | 117 | 117 | 110 | 100 | 91 | 86  | 85  | 89  | 99  | 114 | 129 | 138 | 137 | 128 | 113 | 92  | 72  | 55  | 2264 | 94.3 |   | 6:29  | 118 | 17:27 | 138   | *  | *  | *    | *  | 0:20  | 33 | 11:44 | 85   | *  | *  | *  | *  |
| 26 | 43   | 39  | 44  | 57  | 76  | 93  | 104 | 109 | 108 | 103 | 96 | 92  | 91  | 93  | 99  | 109 | 121 | 130 | 133 | 129 | 119 | 103 | 86  | 69  | 2246 | 93.6 |   | 7:18  | 109 | 17:56 | 133   | *  | *  | *    | *  | 1: 2  | 39 | 11:47 | 91   | *  | *  | *  | *  |
| 27 | 56   | 48  | 46  | 51  | 62  | 77  | 89  | 98  | 101 | 101 | 99 | 96  | 96  | 97  | 100 | 105 | 113 | 120 | 125 | 125 | 120 | 110 | 97  | 83  | 2215 | 92.3 | L | 8:24  | 102 | 18:30 | 125   | *  | *  | *    | *  | 1:51  | 46 | 11:43 | 95   | *  | *  | *  | *  |
| 28 | 71   | 61  | 54  | 52  | 55  | 63  | 74  | 84  | 92  | 97  | 98 | 99  | 99  | 100 | 102 | 104 | 106 | 110 | 114 | 116 | 116 | 112 | 105 | 96  | 2180 | 90.8 |   | 19:22 | 116 | *     | *     | *  | *  | 2:55 | 52 | *     | *  | *     | *    | *  | *  |    |    |
| 29 | 85   | 75  | 66  | 59  | 55  | 56  | 61  | 70  | 80  | 89  | 96 | 100 | 103 | 104 | 104 | 103 | 102 | 101 | 102 | 104 | 107 | 108 | 108 | 104 | 2142 | 89.3 |   | 13:40 | 104 | 21:13 | 108   | *  | *  | *    | *  | 4:20  | 54 | 16:57 | 101  | *  | *  | *  | *  |
| 30 | 98   | 89  | 80  | 69  | 60  | 54  | 53  | 58  | 67  | 79  | 91 | 100 | 106 | 109 | 108 | 105 | 100 | 95  | 91  | 91  | 95  | 100 | 105 | 108 | 2111 | 88.0 |   | 13:18 | 109 | 23:21 | 108   | *  | *  | *    | *  | 5:40  | 52 | 18:31 | 91   | *  | *  | *  | *  |

| 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 | 65787 | 91.4 | 23 日 16 時 36 分 | 144 | 1  | 22 日 23 時 4 分 | 28 | 1  |

# 推算潮位（毎時・満干潮）

地点名：根室

緯度：43 °21 N

経度：145 °35 E

潮位表基準面の零点：平均海面下 87.0(cm)

2013 年 10 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |       |     |       |       | 干潮 |    |      |    |       |    |       |      |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-----|-------|-------|----|----|------|----|-------|----|-------|------|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位    | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位 | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 107  | 102 | 94  | 83  | 70  | 58  | 50  | 49  | 56  | 68  | 83  | 98  | 108 | 114 | 114 | 109 | 101 | 91  | 83  | 79  | 80  | 87  | 96  | 106 | 2086 | 86.9 |   | 13:29 | 114 | *     | *     | *  | *  | *    | *  | 6:37  | 48 | 19:14 | 79   | *  | *  | *  | *  |
| 2  | 112  | 113 | 108 | 98  | 83  | 67  | 53  | 46  | 47  | 57  | 74  | 92  | 108 | 118 | 120 | 115 | 105 | 91  | 78  | 68  | 66  | 72  | 83  | 98  | 2072 | 86.3 |   | 0:39  | 113 | 13:47 | 120   | *  | *  | *    | *  | 7:21  | 45 | 19:47 | 66   | *  | *  | *  | *  |
| 3  | 111  | 119 | 119 | 112 | 99  | 81  | 63  | 49  | 44  | 49  | 64  | 84  | 105 | 120 | 126 | 123 | 112 | 95  | 77  | 62  | 54  | 55  | 66  | 84  | 2073 | 86.4 |   | 1:33  | 120 | 14: 8 | 126   | *  | *  | *    | *  | 7:59  | 44 | 20:19 | 53   | *  | *  | *  | *  |
| 4  | 103  | 119 | 127 | 125 | 114 | 97  | 77  | 59  | 47  | 46  | 57  | 75  | 98  | 118 | 130 | 131 | 121 | 103 | 81  | 60  | 45  | 41  | 48  | 66  | 2088 | 87.0 |   | 2:17  | 127 | 14:32 | 132   | *  | *  | *    | *  | 8:35  | 45 | 20:51 | 41   | *  | *  | *  | *  |
| 5  | 89   | 111 | 127 | 133 | 127 | 113 | 94  | 74  | 57  | 50  | 54  | 69  | 91  | 114 | 131 | 137 | 130 | 113 | 90  | 64  | 43  | 31  | 32  | 46  | 2120 | 88.3 | N | 2:58  | 133 | 14:57 | 137   | *  | *  | *    | *  | 9: 9  | 50 | 21:26 | 30   | *  | *  | *  | *  |
| 6  | 69   | 96  | 119 | 133 | 135 | 126 | 110 | 90  | 72  | 59  | 57  | 66  | 85  | 108 | 129 | 140 | 139 | 124 | 101 | 74  | 48  | 29  | 21  | 28  | 2158 | 89.9 |   | 3:39  | 136 | 15:22 | 141   | *  | *  | *    | *  | 9:43  | 56 | 22: 3 | 21   | *  | *  | *  | *  |
| 7  | 47   | 75  | 104 | 125 | 135 | 133 | 122 | 105 | 87  | 73  | 65  | 68  | 81  | 102 | 124 | 140 | 144 | 135 | 115 | 88  | 60  | 35  | 19  | 16  | 2198 | 91.6 |   | 4:19  | 135 | 15:49 | 144   | *  | *  | *    | *  | 10:16 | 65 | 22:42 | 16   | *  | *  | *  | *  |
| 8  | 28   | 52  | 82  | 108 | 126 | 132 | 127 | 115 | 100 | 86  | 76  | 73  | 80  | 97  | 118 | 136 | 145 | 143 | 128 | 104 | 76  | 48  | 27  | 15  | 2222 | 92.6 |   | 5: 2  | 132 | 16:17 | # 146 | *  | *  | *    | *  | 10:48 | 73 | 23:24 | 14   | *  | *  | *  | *  |
| 9  | 17   | 32  | 59  | 87  | 109 | 122 | 125 | 119 | 108 | 96  | 87  | 82  | 83  | 93  | 111 | 129 | 142 | 145 | 137 | 119 | 94  | 67  | 42  | 25  | 2230 | 92.9 |   | 5:46  | 125 | 16:46 | 145   | *  | *  | *    | *  | 11:18 | 81 | *     | *    | *  | *  | *  | *  |
| 10 | 17   | 22  | 39  | 64  | 88  | 106 | 115 | 116 | 110 | 102 | 94  | 89  | 88  | 92  | 104 | 119 | 134 | 141 | 139 | 129 | 110 | 86  | 62  | 42  | 2208 | 92.0 |   | 6:36  | 116 | 17:18 | 142   | *  | *  | *    | *  | 0: 9  | 17 | 11:46 | 88   | *  | *  | *  | *  |
| 11 | 28   | 23  | 29  | 46  | 67  | 87  | 100 | 106 | 107 | 103 | 98  | 95  | 93  | 94  | 99  | 109 | 122 | 131 | 135 | 131 | 120 | 103 | 82  | 62  | 2170 | 90.4 |   | 7:38  | 107 | 17:57 | 135   | *  | *  | *    | *  | 0:58  | 23 | 12:13 | 93   | *  | *  | *  | *  |
| 12 | 46   | 35  | 31  | 37  | 51  | 68  | 83  | 93  | 100 | 101 | 100 | 98  | 97  | 97  | 97  | 100 | 108 | 116 | 123 | 124 | 121 | 112 | 99  | 83  | 2120 | 88.3 | U | 9: 1  | 101 | 18:50 | 124   | *  | *  | *    | *  | 1:55  | 31 | 13: 6 | 97   | *  | *  | *  | *  |
| 13 | 67   | 53  | 43  | 39  | 42  | 53  | 66  | 79  | 89  | 96  | 100 | 101 | 101 | 100 | 98  | 96  | 96  | 99  | 105 | 110 | 113 | 113 | 108 | 99  | 2066 | 86.1 |   | 10:58 | 101 | 20:24 | 113   | *  | *  | *    | *  | 3: 5  | 39 | 15:34 | 96   | *  | *  | *  | *  |
| 14 | 87   | 74  | 62  | 51  | 45  | 45  | 53  | 65  | 77  | 89  | 98  | 104 | 106 | 105 | 102 | 96  | 90  | 85  | 86  | 91  | 97  | 104 | 108 | 108 | 2028 | 84.5 |   | 12: 4 | 106 | 22:30 | 108   | *  | *  | *    | *  | 4:26  | 44 | 17:24 | 85   | *  | *  | *  | *  |
| 15 | 103  | 93  | 82  | 69  | 57  | 48  | 46  | 53  | 65  | 80  | 94  | 105 | 111 | 112 | 108 | 100 | 89  | 78  | 70  | 70  | 76  | 87  | 98  | 107 | 2001 | 83.4 |   | 12:37 | 112 | *     | *     | *  | *  | 5:41 | 46 | 18:33 | 69 | *     | *    | *  | *  |    |    |
| 16 | 111  | 109 | 101 | 89  | 75  | 60  | 49  | 47  | 55  | 70  | 87  | 103 | 115 | 119 | 117 | 108 | 94  | 78  | 62  | 53  | 55  | 65  | 80  | 97  | 1999 | 83.3 |   | 0: 8  | 111 | 13: 7 | 119   | *  | *  | *    | *  | 6:41  | 47 | 19:23 | 53   | *  | *  | *  | *  |
| 17 | 110  | 117 | 116 | 107 | 94  | 77  | 61  | 50  | 50  | 60  | 78  | 98  | 115 | 125 | 126 | 118 | 104 | 84  | 63  | 45  | 38  | 43  | 58  | 79  | 2016 | 84.0 |   | 1:19  | 118 | 13:37 | 127   | *  | *  | *    | *  | 7:31  | 48 | 20: 6 | 38   | *  | *  | *  | *  |
| 18 | 101  | 117 | 124 | 122 | 111 | 95  | 77  | 61  | 52  | 55  | 69  | 90  | 111 | 127 | 133 | 129 | 115 | 94  | 70  | 47  | 30  | 26  | 36  | 57  | 2049 | 85.4 |   | 2:14  | 124 | 14: 7 | 133   | *  | *  | *    | *  | 8:15  | 52 | 20:47 | 26   | *  | *  | *  | *  |
| 19 | 83   | 107 | 123 | 129 | 125 | 112 | 95  | 77  | 63  | 58  | 64  | 82  | 104 | 124 | 136 | 138 | 127 | 107 | 82  | 55  | 32  | 19  | 20  | 36  | 2098 | 87.4 | F | 3: 2  | 129 | 14:36 | 139   | *  | *  | *    | *  | 8:56  | 58 | 21:27 | 18   | *  | *  | *  | *  |
| 20 | 62   | 91  | 115 | 129 | 131 | 124 | 110 | 92  | 77  | 66  | 65  | 76  | 96  | 118 | 135 | 142 | 137 | 121 | 96  | 68  | 42  | 22  | 13  | 20  | 2148 | 89.5 |   | 3:44  | 132 | 15: 5 | 142   | *  | *  | *    | *  | 9:35  | 64 | 22: 5 | # 13 | *  | *  | *  | *  |
| 21 | 41   | 71  | 100 | 121 | 131 | 130 | 120 | 105 | 90  | 78  | 72  | 76  | 90  | 110 | 130 | 142 | 142 | 131 | 110 | 83  | 55  | 32  | 16  | 14  | 2190 | 91.3 |   | 4:24  | 132 | 15:32 | 144   | *  | *  | *    | *  | 10:11 | 72 | 22:42 | # 13 | *  | *  | *  | *  |
| 22 | 26   | 51  | 81  | 107 | 123 | 129 | 125 | 114 | 101 | 89  | 81  | 80  | 87  | 103 | 123 | 138 | 143 | 138 | 121 | 98  | 71  | 45  | 26  | 17  | 2217 | 92.4 |   | 5: 3  | 129 | 15:59 | 143   | *  | *  | *    | *  | 10:42 | 79 | 23:18 | 16   | *  | *  | *  | *  |
| 23 | 19   | 36  | 63  | 90  | 111 | 122 | 124 | 118 | 107 | 96  | 89  | 85  | 88  | 98  | 114 | 131 | 140 | 139 | 129 | 110 | 86  | 61  | 40  | 26  | 2222 | 92.6 |   | 5:40  | 124 | 16:25 | 141   | *  | *  | *    | *  | 11: 8 | 85 | 23:54 | 22   | *  | *  | *  | *  |
| 24 | 22   | 29  | 48  | 73  | 96  | 112 | 118 | 117 | 110 | 101 | 94  | 90  | 90  | 96  | 107 | 121 | 133 | 136 | 131 | 117 | 98  | 76  | 55  | 39  | 2209 | 92.0 |   | 6:19  | 118 | 16:53 | 136   | *  | *  | *    | *  | 11:28 | 90 | *     | *    | *  | *  | *  | *  |
| 25 | 30   | 30  | 41  | 60  | 81  | 99  | 109 | 112 | 110 | 104 | 98  | 94  | 93  | 95  | 102 | 112 | 123 | 129 | 128 | 120 | 106 | 88  | 69  | 53  | 2186 | 91.1 |   | 7: 2  | 112 | 17:22 | 129   | *  | *  | *    | *  | 0:29  | 29 | 11:48 | 93   | *  | *  | *  | *  |
| 26 | 42   | 37  | 40  | 52  | 68  | 85  | 98  | 106 | 108 | 106 | 101 | 97  | 95  | 96  | 99  | 104 | 112 | 118 | 120 | 117 | 109 | 97  | 82  | 67  | 2156 | 89.8 |   | 7:56  | 108 | 17:55 | 120   | *  | *  | *    | *  | 1: 7  | 37 | 12:20 | 95   | *  | *  | *  | *  |
| 27 | 55   | 47  | 45  | 49  | 59  | 73  | 86  | 97  | 103 | 105 | 104 | 101 | 99  | 97  | 97  | 99  | 102 | 106 | 109 | 109 | 106 | 100 | 91  | 79  | 2118 | 88.3 | L | 9: 7  | 105 | 18:39 | 110   | *  | *  | *    | *  | 1:52  | 45 | 13:35 | 97   | *  | *  | *  | *  |
| 28 | 69   | 60  | 54  | 52  | 55  | 63  | 74  | 86  | 96  | 103 | 106 | 106 | 104 | 101 | 98  | 95  | 94  | 94  | 96  | 98  | 99  | 99  | 96  | 89  | 2087 | 87.0 |   | 10:24 | 106 | 20:19 | 99    | *  | *  | *    | *  | 2:53  | 52 | 16:24 | 94   | *  | *  | *  | *  |
| 29 | 81   | 73  | 66  | 60  | 57  | 58  | 65  | 75  | 86  | 98  | 106 | 110 | 110 | 106 | 101 | 95  | 88  | 83  | 82  | 83  | 87  | 92  | 96  | 96  | 2054 | 85.6 |   | 11:23 | 110 | 22:38 | 96    | *  | *  | *    | *  | 4:14  | 57 | 17:58 | 82   | *  | *  | *  | *  |
| 30 | 93   | 87  | 80  | 72  | 64  | 59  | 59  | 65  | 76  | 90  | 103 | 112 | 115 | 113 | 107 | 97  | 86  | 76  | 69  | 68  | 72  | 80  | 90  | 98  | 2031 | 84.6 |   | 12: 5 | 115 | *     | *     | *  | *  | 5:29 | 58 | 18:41 | 68 | *     | *    | *  | *  |    |    |
| 31 | 101  | 100 | 95  | 86  | 76  | 66  | 60  | 60  | 68  | 81  | 97  | 111 | 119 | 121 | 115 | 103 | 89  | 72  | 59  | 53  | 55  | 64  | 77  | 92  | 2020 | 84.2 |   | 0:13  | 101 | 12:38 | 121   | *  | *  | *    | *  | 6:27  | 59 | 19:16 | 52   | *  | *  | *  | *  |

| 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      | 65640        | 88.2          | 8日 16時 17分 | 146 | 1  | 21日 22時 42分 | 13 | 2  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 根室

緯度: 43 °21 N

経度: 145 °35 E

潮位表基準面の零点: 平均海面下 87.0(cm)

2013 年 11 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    | 満潮   |      |   |       |     |       |       |    | 干潮 |      |    |       |    |       |      |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|------|---|-------|-----|-------|-------|----|----|------|----|-------|----|-------|------|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位    | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位 | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 104  | 110 | 109 | 102 | 92  | 79  | 67  | 61  | 63  | 74  | 89  | 107 | 121 | 127 | 124 | 112 | 95  | 75  | 55  | 41  | 37  | 44  | 59  | 79 | 2026 | 84.4 |   | 1:20  | 110 | 13: 9 | 127   | *  | *  | *    | *  | 7:14  | 61 | 19:50 | 37   | *  | *  | *  | *  |
| 2  | 99   | 113 | 119 | 117 | 108 | 95  | 80  | 68  | 64  | 70  | 83  | 101 | 119 | 131 | 133 | 124 | 106 | 82  | 57  | 36  | 24  | 25  | 38  | 59 | 2051 | 85.5 |   | 2:11  | 119 | 13:40 | 133   | *  | *  | *    | *  | 7:56  | 64 | 20:26 | 23   | *  | *  | *  | *  |
| 3  | 85   | 107 | 122 | 126 | 122 | 111 | 96  | 81  | 71  | 70  | 79  | 95  | 115 | 132 | 140 | 135 | 120 | 96  | 67  | 40  | 19  | 11  | 17  | 36 | 2093 | 87.2 | N | 2:57  | 126 | 14:10 | 140   | *  | *  | *    | *  | 8:36  | 69 | 21: 5 | 11   | *  | *  | *  | *  |
| 4  | 63   | 92  | 115 | 128 | 130 | 123 | 110 | 96  | 82  | 75  | 78  | 90  | 109 | 128 | 142 | 145 | 134 | 113 | 84  | 53  | 25  | 7   | 3   | 14 | 2139 | 89.1 |   | 3:41  | 131 | 14:42 | 145   | *  | *  | *    | *  | 9:15  | 75 | 21:46 | 2    | *  | *  | *  | *  |
| 5  | 39   | 70  | 99  | 120 | 130 | 129 | 121 | 108 | 95  | 84  | 81  | 87  | 102 | 122 | 140 | 149 | 146 | 129 | 103 | 72  | 41  | 15  | 1   | 1  | 2184 | 91.0 |   | 4:24  | 131 | 15:15 | 149   | *  | *  | *    | *  | 9:53  | 81 | 22:29 | # -1 | *  | *  | *  | *  |
| 6  | 17   | 45  | 77  | 104 | 122 | 128 | 125 | 116 | 104 | 94  | 87  | 87  | 96  | 113 | 132 | 146 | 150 | 142 | 122 | 94  | 62  | 33  | 11  | 0  | 2207 | 92.0 |   | 5: 8  | 128 | 15:49 | # 150 | *  | *  | *    | *  | 10:31 | 86 | 23:13 | 0    | *  | *  | *  | *  |
| 7  | 5    | 25  | 54  | 83  | 106 | 119 | 123 | 119 | 110 | 101 | 93  | 89  | 92  | 103 | 120 | 137 | 147 | 146 | 134 | 113 | 85  | 56  | 31  | 12 | 2203 | 91.8 |   | 5:54  | 123 | 16:25 | 148   | *  | *  | *    | *  | 11:10 | 89 | 23:58 | 6    | *  | *  | *  | *  |
| 8  | 6    | 14  | 35  | 63  | 88  | 106 | 115 | 117 | 112 | 105 | 98  | 92  | 90  | 95  | 107 | 123 | 136 | 141 | 137 | 125 | 104 | 79  | 53  | 32 | 2173 | 90.5 |   | 6:43  | 117 | 17: 5 | 141   | *  | *  | *    | *  | 11:53 | 90 | *     | *    | *  | *  | *  | *  |
| 9  | 19   | 16  | 26  | 47  | 71  | 91  | 104 | 111 | 112 | 108 | 102 | 96  | 92  | 91  | 95  | 106 | 119 | 128 | 131 | 126 | 114 | 96  | 75  | 55 | 2131 | 88.8 |   | 7:36  | 112 | 17:51 | 131   | *  | *  | *    | *  | 0:44  | 15 | 12:46 | 91   | *  | *  | *  | *  |
| 10 | 38   | 29  | 28  | 39  | 57  | 77  | 93  | 104 | 109 | 110 | 106 | 101 | 95  | 91  | 89  | 92  | 100 | 109 | 116 | 118 | 114 | 105 | 91  | 75 | 2086 | 86.9 | U | 8:34  | 110 | 18:53 | 118   | *  | *  | *    | *  | 1:32  | 27 | 13:59 | 89   | *  | *  | *  | *  |
| 11 | 59   | 47  | 40  | 41  | 50  | 65  | 81  | 95  | 104 | 110 | 110 | 106 | 101 | 95  | 89  | 84  | 84  | 88  | 95  | 101 | 105 | 105 | 100 | 90 | 2045 | 85.2 |   | 9:33  | 111 | 20:28 | 105   | *  | *  | *    | *  | 2:27  | 40 | 15:35 | 83   | *  | *  | *  | *  |
| 12 | 78   | 67  | 58  | 52  | 52  | 59  | 71  | 85  | 98  | 108 | 113 | 113 | 108 | 101 | 93  | 83  | 75  | 71  | 74  | 80  | 88  | 95  | 99  | 98 | 2019 | 84.1 |   | 10:28 | 114 | 22:20 | 99    | *  | *  | *    | *  | 3:33  | 51 | 17: 6 | 71   | *  | *  | *  | *  |
| 13 | 92   | 85  | 76  | 68  | 62  | 60  | 65  | 76  | 90  | 103 | 113 | 118 | 117 | 111 | 101 | 88  | 74  | 62  | 56  | 58  | 67  | 78  | 90  | 98 | 2008 | 83.7 |   | 11:18 | 119 | *     | *     | *  | *  | 4:47 | 60 | 18:12 | 56 | *     | *    | *  | *  |    |    |
| 14 | 101  | 99  | 93  | 86  | 77  | 69  | 66  | 70  | 82  | 96  | 110 | 121 | 125 | 121 | 112 | 98  | 80  | 61  | 46  | 40  | 45  | 57  | 74  | 89 | 2018 | 84.1 |   | 0: 2  | 101 | 12: 3 | 125   | *  | *  | *    | *  | 5:55  | 65 | 19: 4 | 40   | *  | *  | *  | *  |
| 15 | 102  | 107 | 107 | 102 | 93  | 83  | 73  | 70  | 76  | 88  | 104 | 118 | 128 | 130 | 124 | 110 | 91  | 68  | 46  | 31  | 27  | 36  | 53  | 74 | 2041 | 85.0 |   | 1:25  | 108 | 12:44 | 131   | *  | *  | *    | *  | 6:53  | 70 | 19:48 | 27   | *  | *  | *  | *  |
| 16 | 94   | 109 | 115 | 115 | 108 | 98  | 86  | 77  | 75  | 82  | 96  | 113 | 127 | 135 | 134 | 123 | 104 | 80  | 54  | 32  | 18  | 18  | 32  | 55 | 2080 | 86.7 |   | 2:24  | 116 | 13:22 | 136   | *  | *  | *    | *  | 7:44  | 74 | 20:30 | 17   | *  | *  | *  | *  |
| 17 | 80   | 102 | 117 | 123 | 120 | 112 | 100 | 88  | 80  | 80  | 89  | 105 | 123 | 136 | 140 | 135 | 119 | 95  | 68  | 40  | 19  | 10  | 15  | 34 | 2130 | 88.8 |   | 3:11  | 123 | 13:57 | 140   | *  | *  | *    | *  | 8:30  | 79 | 21: 9 | 10   | *  | *  | *  | *  |
| 18 | 61   | 89  | 111 | 124 | 127 | 122 | 111 | 99  | 89  | 83  | 86  | 98  | 115 | 132 | 142 | 142 | 132 | 111 | 84  | 55  | 29  | 11  | 7   | 18 | 2178 | 90.8 | F | 3:51  | 127 | 14:31 | 144   | *  | *  | *    | *  | 9:12  | 83 | 21:48 | 7    | *  | *  | *  | *  |
| 19 | 42   | 72  | 99  | 118 | 127 | 127 | 120 | 108 | 97  | 89  | 87  | 93  | 107 | 125 | 140 | 145 | 140 | 125 | 100 | 71  | 43  | 21  | 9   | 10 | 2215 | 92.3 |   | 4:27  | 128 | 15: 2 | 145   | *  | *  | *    | *  | 9:50  | 87 | 22:25 | 7    | *  | *  | *  | *  |
| 20 | 26   | 54  | 84  | 108 | 123 | 127 | 124 | 115 | 104 | 95  | 90  | 91  | 100 | 116 | 133 | 144 | 144 | 134 | 114 | 88  | 60  | 35  | 17  | 11 | 2237 | 93.2 |   | 5: 2  | 127 | 15:33 | 145   | *  | *  | *    | *  | 10:23 | 89 | 23: 0 | 11   | *  | *  | *  | *  |
| 21 | 18   | 39  | 67  | 95  | 114 | 124 | 124 | 118 | 109 | 100 | 93  | 91  | 95  | 107 | 123 | 137 | 142 | 138 | 124 | 102 | 76  | 51  | 30  | 18 | 2235 | 93.1 |   | 5:35  | 125 | 16: 3 | 142   | *  | *  | *    | *  | 10:53 | 91 | 23:33 | 16   | *  | *  | *  | *  |
| 22 | 18   | 30  | 54  | 81  | 103 | 117 | 122 | 120 | 113 | 104 | 96  | 92  | 93  | 100 | 113 | 127 | 136 | 136 | 128 | 112 | 90  | 66  | 45  | 30 | 2226 | 92.8 |   | 6: 8  | 122 | 16:33 | 137   | *  | *  | *    | *  | 11:21 | 92 | *     | *    | *  | *  | *  | *  |
| 23 | 24   | 29  | 45  | 68  | 91  | 109 | 118 | 120 | 115 | 108 | 100 | 94  | 92  | 95  | 103 | 115 | 125 | 130 | 126 | 116 | 99  | 79  | 59  | 42 | 2202 | 91.8 |   | 6:44  | 120 | 17: 4 | 130   | *  | *  | *    | *  | 0: 4  | 24 | 11:53 | 92   | *  | *  | *  | *  |
| 24 | 33   | 32  | 41  | 59  | 80  | 99  | 112 | 118 | 117 | 112 | 104 | 97  | 93  | 93  | 97  | 104 | 113 | 119 | 120 | 114 | 104 | 88  | 71  | 55 | 2175 | 90.6 |   | 7:25  | 118 | 17:38 | 120   | *  | *  | *    | *  | 0:34  | 31 | 12:36 | 92   | *  | *  | *  | *  |
| 25 | 44   | 40  | 43  | 54  | 70  | 88  | 103 | 113 | 117 | 115 | 110 | 102 | 96  | 92  | 92  | 95  | 100 | 106 | 109 | 109 | 104 | 94  | 82  | 68 | 2146 | 89.4 |   | 8:12  | 117 | 18:22 | 110   | *  | *  | *    | *  | 1: 6  | 40 | 13:40 | 92   | *  | *  | *  | *  |
| 26 | 57   | 50  | 49  | 54  | 64  | 79  | 94  | 106 | 114 | 117 | 115 | 108 | 101 | 95  | 90  | 88  | 89  | 92  | 96  | 99  | 99  | 96  | 89  | 80 | 2121 | 88.4 | L | 9: 2  | 117 | 19:39 | 99    | *  | *  | *    | *  | 1:43  | 49 | 15:17 | 88   | *  | *  | *  | *  |
| 27 | 70   | 63  | 59  | 59  | 63  | 72  | 85  | 98  | 109 | 116 | 119 | 115 | 108 | 99  | 91  | 84  | 79  | 77  | 80  | 84  | 89  | 93  | 93  | 90 | 2095 | 87.3 |   | 9:52  | 119 | 21:39 | 93    | *  | *  | *    | *  | 2:34  | 59 | 16:51 | 77   | *  | *  | *  | *  |
| 28 | 84   | 78  | 73  | 69  | 68  | 71  | 78  | 89  | 102 | 113 | 120 | 121 | 116 | 107 | 96  | 84  | 73  | 65  | 63  | 66  | 74  | 82  | 90  | 95 | 2077 | 86.5 |   | 10:39 | 121 | 23:32 | 96    | *  | *  | *    | *  | 3:54  | 68 | 17:52 | 63   | *  | *  | *  | *  |
| 29 | 95   | 92  | 88  | 83  | 79  | 75  | 77  | 84  | 95  | 107 | 118 | 125 | 124 | 116 | 104 | 89  | 73  | 58  | 48  | 47  | 53  | 65  | 79  | 92 | 2066 | 86.1 |   | 11:24 | 125 | *     | *     | *  | *  | 5:16 | 75 | 18:38 | 46 | *     | *    | *  | *  |    |    |
| 30 | 101  | 104 | 103 | 99  | 93  | 86  | 81  | 82  | 90  | 102 | 115 | 126 | 131 | 128 | 116 | 99  | 79  | 58  | 40  | 30  | 32  | 43  | 61  | 80 | 2079 | 86.6 |   | 1: 8  | 104 | 12: 7 | 131   | *  | *  | *    | *  | 6:20  | 81 | 19:21 | 29   | *  | *  | *  | *  |

| N   | Sum   | Mean | 推算月最高潮位    |     |    | 推算月最低潮位    |    |    |
|-----|-------|------|------------|-----|----|------------|----|----|
|     |       |      | 起時         | 潮位  | 回数 | 起時         | 潮位 | 回数 |
| 720 | 63686 | 88.5 | 6日 15時 49分 | 150 | 1  | 5日 22時 29分 | -1 | 1  |

# 推算潮位（毎時・満干潮）

地点名：根室

緯度：43 °21 N

経度：145 °35 E

潮位表基準面の零点：平均海面下 87.0(cm)

2013 年 12 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | 満潮   |      |   |       |     |       |       |    | 干潮 |      |    |       |     |       |      |    |    |    |    |   |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|------|------|---|-------|-----|-------|-------|----|----|------|----|-------|-----|-------|------|----|----|----|----|---|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22 | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位    | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |   |
| 1  | 98   | 109 | 114 | 113 | 108 | 99  | 91  | 86  | 88  | 97  | 110 | 124 | 135 | 138 | 131 | 115 | 92  | 67  | 41  | 22  | 14  | 20  | 36 | 60 | 2108 | 87.8 |   | 2:16  | 114 | 12:48 | 138   | *  | *  | *    | *  | 7:14  | 86  | 20: 5 | 14   | *  | *  | *  | *  |   |
| 2  | 84   | 105 | 117 | 122 | 120 | 113 | 103 | 94  | 90  | 93  | 104 | 120 | 134 | 144 | 144 | 132 | 111 | 84  | 54  | 26  | 8   | 3   | 13 | 34 | 2152 | 89.7 |   | 3: 6  | 122 | 13:30 | 145   | *  | *  | *    | *  | 8: 2  | 90  | 20:49 | 3    | *  | *  | *  | *  |   |
| 3  | 62   | 90  | 112 | 124 | 127 | 122 | 114 | 103 | 95  | 92  | 98  | 112 | 129 | 144 | 152 | 148 | 132 | 106 | 75  | 42  | 15  | -2  | -3 | 11 | 2200 | 91.7 | N | 3:51  | 127 | 14:12 | 152   | *  | *  | *    | *  | 8:48  | 92  | 21:35 | -5   | *  | *  | *  | *  |   |
| 4  | 37   | 68  | 97  | 117 | 127 | 127 | 121 | 112 | 102 | 94  | 94  | 103 | 119 | 137 | 151 | 156 | 148 | 128 | 99  | 66  | 34  | 8   | -6 | -3 | 2236 | 93.2 |   | 4:33  | 128 | 14:54 | # 156 | *  | *  | *    | *  | 9:33  | 93  | 22:20 | # -7 | *  | *  | *  | *  |   |
| 5  | 16   | 45  | 77  | 103 | 120 | 127 | 125 | 118 | 108 | 98  | 93  | 94  | 106 | 124 | 142 | 154 | 156 | 144 | 122 | 92  | 59  | 28  | 6  | -4 | 2253 | 93.9 |   | 5:14  | 127 | 15:36 | # 156 | *  | *  | *    | *  | 10:19 | 92  | 23: 5 | -4   | *  | *  | *  | *  |   |
| 6  | 4    | 26  | 57  | 86  | 109 | 122 | 125 | 121 | 113 | 103 | 94  | 90  | 94  | 107 | 126 | 143 | 152 | 150 | 137 | 113 | 84  | 53  | 27 | 9  | 2245 | 93.5 |   | 5:54  | 125 | 16:20 | 152   | *  | *  | *    | *  | 11: 5 | 90  | 23:47 | 4    | *  | *  | *  | *  |   |
| 7  | 4    | 16  | 41  | 70  | 96  | 113 | 122 | 123 | 117 | 107 | 97  | 90  | 87  | 92  | 106 | 124 | 138 | 144 | 140 | 126 | 104 | 77  | 51 | 29 | 2214 | 92.3 |   | 6:33  | 123 | 17: 5 | 144   | *  | *  | *    | *  | 11:54 | 87  | *     | *    | *  | *  | *  | *  | * |
| 8  | 17   | 18  | 32  | 57  | 83  | 104 | 117 | 122 | 120 | 113 | 102 | 93  | 85  | 83  | 89  | 103 | 118 | 128 | 132 | 127 | 114 | 95  | 72 | 51 | 2175 | 90.6 |   | 7:12  | 123 | 17:55 | 132   | *  | *  | *    | *  | 0:28  | 15  | 12:48 | 83   | *  | *  | *  | *  |   |
| 9  | 36   | 29  | 34  | 50  | 73  | 94  | 111 | 120 | 123 | 119 | 109 | 99  | 89  | 82  | 79  | 84  | 95  | 107 | 115 | 118 | 114 | 104 | 88 | 70 | 2142 | 89.3 |   | 7:52  | 123 | 18:56 | 118   | *  | *  | *    | *  | 1: 8  | 29  | 13:52 | 79   | *  | *  | *  | *  |   |
| 10 | 56   | 47  | 44  | 51  | 66  | 86  | 103 | 116 | 123 | 124 | 117 | 107 | 96  | 86  | 78  | 74  | 76  | 84  | 94  | 101 | 105 | 103 | 96 | 85 | 2118 | 88.3 | U | 8:33  | 124 | 20:14 | 105   | *  | *  | *    | *  | 1:48  | 44  | 15: 8 | 74   | *  | *  | *  | *  |   |
| 11 | 73   | 65  | 60  | 60  | 66  | 80  | 96  | 110 | 121 | 126 | 124 | 117 | 106 | 94  | 83  | 72  | 65  | 65  | 72  | 80  | 89  | 95  | 96 | 93 | 2108 | 87.8 |   | 9:17  | 126 | 21:49 | 96    | *  | *  | *    | *  | 2:33  | 59  | 16:29 | 65   | *  | *  | *  | *  |   |
| 12 | 87   | 81  | 77  | 74  | 73  | 79  | 89  | 103 | 115 | 124 | 128 | 125 | 117 | 105 | 92  | 78  | 64  | 55  | 53  | 59  | 69  | 80  | 89 | 94 | 2110 | 87.9 |   | 10: 6 | 128 | 23:46 | 96    | *  | *  | *    | *  | 3:35  | 73  | 17:42 | 52   | *  | *  | *  | *  |   |
| 13 | 96   | 94  | 92  | 89  | 85  | 84  | 87  | 96  | 108 | 119 | 128 | 131 | 127 | 118 | 105 | 88  | 70  | 53  | 42  | 40  | 48  | 61  | 75 | 89 | 2125 | 88.5 |   | 10:58 | 131 | *     | *     | *  | *  | 4:55 | 84 | 18:40 | 40  | *     | *    | *  | *  |    |    |   |
| 14 | 98   | 102 | 104 | 102 | 99  | 94  | 90  | 92  | 100 | 112 | 123 | 131 | 134 | 129 | 118 | 102 | 82  | 60  | 41  | 30  | 30  | 40  | 57 | 76 | 2146 | 89.4 |   | 1:58  | 104 | 11:51 | 134   | *  | *  | *    | *  | 6:10  | 90  | 19:30 | 28   | *  | *  | *  | *  |   |
| 15 | 93   | 105 | 111 | 113 | 111 | 105 | 98  | 94  | 96  | 104 | 116 | 128 | 136 | 138 | 131 | 117 | 97  | 73  | 48  | 29  | 19  | 23  | 37 | 59 | 2181 | 90.9 |   | 2:53  | 113 | 12:42 | 138   | *  | *  | *    | *  | 7:14  | 94  | 20:14 | 19   | *  | *  | *  | *  |   |
| 16 | 82   | 101 | 113 | 120 | 120 | 115 | 107 | 99  | 96  | 98  | 108 | 121 | 134 | 141 | 141 | 132 | 114 | 90  | 62  | 37  | 19  | 13  | 21 | 40 | 2224 | 92.7 |   | 3:29  | 120 | 13:28 | 142   | *  | *  | *    | *  | 8: 7  | 96  | 20:56 | 13   | *  | *  | *  | *  |   |
| 17 | 66   | 91  | 110 | 121 | 125 | 122 | 114 | 106 | 98  | 96  | 101 | 112 | 127 | 140 | 146 | 142 | 129 | 107 | 79  | 51  | 27  | 12  | 11 | 24 | 2257 | 94.0 | F | 4: 0  | 125 | 14: 9 | 146   | *  | *  | *    | *  | 8:53  | 96  | 21:35 | 10   | *  | *  | *  | *  |   |
| 18 | 49   | 77  | 101 | 118 | 126 | 126 | 120 | 111 | 102 | 96  | 96  | 104 | 118 | 134 | 145 | 148 | 140 | 123 | 97  | 68  | 41  | 20  | 10 | 15 | 2285 | 95.2 |   | 4:29  | 127 | 14:46 | 148   | *  | *  | *    | *  | 9:32  | 95  | 22:11 | 10   | *  | *  | *  | *  |   |
| 19 | 34   | 61  | 90  | 112 | 124 | 128 | 124 | 115 | 105 | 98  | 94  | 97  | 108 | 124 | 139 | 148 | 146 | 134 | 113 | 85  | 57  | 32  | 16 | 13 | 2297 | 95.7 |   | 4:56  | 128 | 15:20 | 148   | *  | *  | *    | *  | 10: 7 | 94  | 22:45 | 13   | *  | *  | *  | *  |   |
| 20 | 24   | 48  | 77  | 103 | 120 | 128 | 127 | 119 | 109 | 100 | 93  | 92  | 99  | 112 | 129 | 142 | 146 | 139 | 123 | 100 | 73  | 47  | 27 | 18 | 2295 | 95.6 |   | 5:23  | 128 | 15:52 | 146   | *  | *  | *    | *  | 10:39 | 92  | 23:15 | 17   | *  | *  | *  | *  |   |
| 21 | 21   | 38  | 65  | 92  | 114 | 126 | 128 | 124 | 114 | 103 | 94  | 90  | 92  | 102 | 117 | 131 | 140 | 139 | 128 | 110 | 86  | 61  | 40 | 26 | 2281 | 95.0 |   | 5:49  | 128 | 16:24 | 141   | *  | *  | *    | *  | 11:11 | 90  | 23:42 | 23   | *  | *  | *  | *  |   |
| 22 | 24   | 34  | 55  | 82  | 106 | 122 | 129 | 127 | 119 | 108 | 97  | 90  | 88  | 93  | 105 | 119 | 130 | 134 | 129 | 116 | 97  | 74  | 53 | 37 | 2268 | 94.5 |   | 6:18  | 129 | 16:56 | 134   | *  | *  | *    | *  | 11:45 | 88  | *     | *    | *  | *  | *  | *  |   |
| 23 | 31   | 35  | 50  | 72  | 96  | 115 | 127 | 129 | 124 | 114 | 102 | 92  | 87  | 88  | 94  | 105 | 117 | 124 | 125 | 117 | 103 | 85  | 66 | 50 | 2248 | 93.7 |   | 6:49  | 129 | 17:31 | 125   | *  | *  | *    | *  | 0: 8  | 31  | 12:25 | 87   | *  | *  | *  | *  |   |
| 24 | 40   | 40  | 49  | 66  | 87  | 107 | 122 | 129 | 128 | 120 | 108 | 97  | 88  | 84  | 86  | 93  | 103 | 111 | 116 | 114 | 107 | 94  | 78 | 63 | 2230 | 92.9 |   | 7:23  | 129 | 18:14 | 116   | *  | *  | *    | *  | 0:33  | 39  | 13:13 | 84   | *  | *  | *  | *  |   |
| 25 | 53   | 49  | 53  | 64  | 81  | 99  | 115 | 125 | 129 | 125 | 115 | 103 | 92  | 84  | 81  | 82  | 87  | 96  | 103 | 106 | 105 | 99  | 88 | 76 | 2210 | 92.1 | L | 7:59  | 129 | 19:16 | 106   | *  | *  | *    | *  | 0:59  | 49  | 14:16 | 80   | *  | *  | *  | *  |   |
| 26 | 66   | 62  | 62  | 67  | 78  | 93  | 108 | 120 | 127 | 128 | 122 | 111 | 98  | 87  | 79  | 74  | 73  | 78  | 85  | 92  | 97  | 98  | 95 | 88 | 2188 | 91.2 |   | 8:38  | 129 | 20:47 | 98    | *  | *  | *    | *  | 1:27  | 61  | 15:35 | 73   | *  | *  | *  | *  |   |
| 27 | 80   | 76  | 74  | 76  | 81  | 90  | 102 | 114 | 124 | 129 | 128 | 120 | 108 | 94  | 82  | 71  | 63  | 61  | 65  | 72  | 81  | 89  | 94 | 95 | 2169 | 90.4 |   | 9:20  | 129 | 22:41 | 95    | *  | *  | *    | *  | 2: 0  | 74  | 16:53 | 61   | *  | *  | *  | *  |   |
| 28 | 92   | 90  | 88  | 88  | 88  | 91  | 99  | 109 | 120 | 128 | 132 | 129 | 120 | 106 | 91  | 76  | 61  | 50  | 46  | 50  | 59  | 72  | 84 | 94 | 2163 | 90.1 |   | 10: 8 | 132 | *     | *     | *  | *  | 3: 8 | 88 | 17:58 | 46  | *     | *    | *  | *  |    |    |   |
| 29 | 99   | 101 | 101 | 101 | 99  | 98  | 99  | 105 | 114 | 124 | 132 | 136 | 133 | 122 | 106 | 88  | 68  | 48  | 34  | 30  | 35  | 48  | 65 | 82 | 2168 | 90.3 |   | 2: 4  | 101 | 11: 3 | 136   | *  | *  | *    | *  | 5:11  | 98  | 18:56 | 30   | *  | *  | *  | *  |   |
| 30 | 96   | 105 | 110 | 111 | 110 | 106 | 103 | 103 | 109 | 118 | 129 | 138 | 142 | 138 | 126 | 107 | 84  | 59  | 35  | 19  | 15  | 24  | 41 | 62 | 2190 | 91.3 |   | 3: 1  | 111 | 12: 2 | 142   | *  | *  | *    | *  | 6:29  | 102 | 19:48 | 15   | *  | *  | *  | *  |   |
| 31 | 85   | 103 | 114 | 119 | 118 | 115 | 108 | 103 | 102 | 109 | 120 | 133 | 144 | 149 | 144 | 130 | 107 | 79  | 50  | 24  | 8   | 6   | 17 | 39 | 2226 | 92.8 |   | 3:28  | 119 | 13: 3 | 149   | *  | *  | *    | *  | 7:34  | 102 | 20:39 | 5    | *  | *  | *  | *  |   |

| 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 | 68212 | 91.7 | 5日 15時 36分 | 156 | 2  | 4日 22時 20分 | -7 | 1  |