

推算潮位（毎時・満干潮）

地点名：塩釜

緯度：38°19' N

経度：141°2' E

潮位表基準面の零点：平均海面下 92.0(cm)

2023 年 1 月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | 干潮 | | | | | | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-----|-------|------|----|----|----|----|-------|-----|-------|------|----|----|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | | |
| 1 | 92 | 87 | 81 | 76 | 76 | 80 | 89 | 101 | 114 | 125 | 131 | 131 | 124 | 111 | 95 | 77 | 60 | 48 | 43 | 45 | 54 | 66 | 79 | 89 | 2074 | 86.4 | | 10:29 | 132 | * | * | * | * | * | * | 3:39 | 75 | 18:11 | 43 | * | * | * | * |
| 2 | 94 | 97 | 96 | 93 | 90 | 90 | 94 | 101 | 112 | 123 | 132 | 135 | 133 | 124 | 109 | 89 | 68 | 48 | 34 | 28 | 31 | 42 | 58 | 75 | 2096 | 87.3 | | 1:7 | 97 | 11:8 | 135 | * | * | * | * | 4:34 | 90 | 19:9 | 28 | * | * | * | * |
| 3 | 89 | 100 | 105 | 106 | 104 | 101 | 99 | 101 | 108 | 117 | 127 | 135 | 138 | 134 | 123 | 105 | 83 | 59 | 37 | 22 | 17 | 23 | 37 | 57 | 2127 | 88.6 | | 2:40 | 106 | 11:58 | 138 | * | * | * | * | 6:0 | 99 | 19:57 | 17 | * | * | * | * |
| 4 | 78 | 96 | 109 | 115 | 115 | 111 | 106 | 103 | 104 | 110 | 120 | 130 | 138 | 140 | 135 | 121 | 100 | 75 | 48 | 25 | 11 | 9 | 19 | 38 | 2156 | 89.8 | | 3:32 | 116 | 12:50 | 140 | * | * | * | * | 7:17 | 103 | 20:40 | 9 | * | * | * | * |
| 5 | 62 | 86 | 106 | 118 | 123 | 121 | 114 | 107 | 103 | 104 | 111 | 122 | 133 | 141 | 142 | 134 | 118 | 93 | 64 | 36 | 14 | 3 | 6 | 20 | 2181 | 90.9 | | 4:9 | 123 | 13:39 | 143 | * | * | * | * | 8:17 | 103 | 21:20 | 3 | * | * | * | * |
| 6 | 44 | 71 | 96 | 115 | 126 | 127 | 122 | 113 | 104 | 100 | 103 | 112 | 125 | 137 | 144 | 143 | 132 | 111 | 83 | 53 | 25 | 6 | -1 | 7 | 2198 | 91.6 | | 4:41 | 128 | 14:24 | 145 | * | * | * | * | 9:5 | 100 | 21:57 | -1 | * | * | * | * |
| 7 | 26 | 53 | 82 | 107 | 123 | 130 | 127 | 118 | 107 | 99 | 97 | 103 | 114 | 129 | 142 | 147 | 143 | 127 | 102 | 72 | 40 | 15 | 0 | 0 | 2203 | 91.8 | F | 5:11 | 130 | 15:5 | 147 | * | * | * | * | 9:46 | 97 | 22:33 | -2 | * | * | * | * |
| 8 | 13 | 37 | 66 | 94 | 115 | 128 | 129 | 123 | 111 | 100 | 93 | 94 | 103 | 118 | 134 | 145 | 147 | 139 | 119 | 90 | 58 | 29 | 8 | -1 | 2192 | 91.3 | | 5:41 | 130 | 15:44 | 148 | * | * | * | * | 10:23 | 93 | 23:6 | -1 | * | * | * | * |
| 9 | 5 | 23 | 50 | 79 | 105 | 122 | 129 | 125 | 115 | 102 | 92 | 89 | 93 | 106 | 122 | 137 | 146 | 144 | 130 | 107 | 77 | 46 | 20 | 5 | 2169 | 90.4 | | 6:9 | 129 | 16:20 | 146 | * | * | * | * | 10:57 | 89 | 23:38 | 2 | * | * | * | * |
| 10 | 3 | 15 | 38 | 66 | 93 | 114 | 125 | 126 | 119 | 106 | 94 | 86 | 86 | 94 | 109 | 125 | 138 | 142 | 136 | 118 | 93 | 63 | 36 | 16 | 2141 | 89.2 | | 6:36 | 127 | 16:56 | 142 | * | * | * | * | 11:32 | 85 | * | * | * | * | * | * |
| 11 | 8 | 13 | 30 | 54 | 81 | 105 | 120 | 126 | 121 | 110 | 97 | 85 | 80 | 84 | 94 | 110 | 125 | 134 | 134 | 124 | 105 | 79 | 52 | 30 | 2101 | 87.5 | | 7:2 | 126 | 17:32 | 135 | * | * | * | * | 0:8 | 8 | 12:8 | 80 | * | * | * | * |
| 12 | 17 | 16 | 27 | 47 | 72 | 96 | 114 | 124 | 123 | 114 | 101 | 88 | 78 | 76 | 82 | 94 | 108 | 120 | 126 | 123 | 111 | 92 | 69 | 47 | 2065 | 86.0 | | 7:27 | 125 | 18:12 | 126 | * | * | * | * | 0:37 | 15 | 12:47 | 76 | * | * | * | * |
| 13 | 32 | 25 | 30 | 44 | 66 | 88 | 108 | 121 | 124 | 119 | 107 | 92 | 79 | 72 | 72 | 78 | 90 | 102 | 111 | 115 | 111 | 99 | 83 | 65 | 2033 | 84.7 | | 7:52 | 124 | 19:0 | 115 | * | * | * | * | 1:5 | 25 | 13:32 | 71 | * | * | * | * |
| 14 | 49 | 39 | 39 | 47 | 63 | 83 | 102 | 117 | 124 | 122 | 113 | 98 | 83 | 72 | 65 | 66 | 72 | 81 | 92 | 100 | 103 | 100 | 92 | 80 | 2002 | 83.4 | | 8:17 | 125 | 20:4 | 103 | * | * | * | * | 1:35 | 38 | 14:27 | 65 | * | * | * | * |
| 15 | 67 | 58 | 53 | 56 | 66 | 81 | 98 | 113 | 123 | 125 | 119 | 107 | 91 | 76 | 64 | 58 | 57 | 61 | 69 | 79 | 87 | 92 | 93 | 90 | 1983 | 82.6 | L | 8:45 | 125 | 21:41 | 94 | * | * | * | * | 2:8 | 53 | 15:37 | 56 | * | * | * | * |
| 16 | 84 | 77 | 72 | 70 | 74 | 83 | 95 | 109 | 120 | 126 | 125 | 116 | 102 | 86 | 69 | 56 | 48 | 45 | 47 | 55 | 65 | 76 | 85 | 91 | 1976 | 82.3 | | 9:18 | 127 | * | * | * | * | * | * | 2:47 | 70 | 17:2 | 45 | * | * | * | * |
| 17 | 94 | 93 | 91 | 88 | 87 | 90 | 96 | 106 | 117 | 125 | 128 | 125 | 115 | 100 | 82 | 64 | 48 | 36 | 30 | 31 | 39 | 52 | 67 | 82 | 1986 | 82.8 | | 0:16 | 94 | 10:0 | 128 | * | * | * | * | 3:46 | 87 | 18:20 | 30 | * | * | * | * |
| 18 | 94 | 102 | 106 | 106 | 104 | 102 | 102 | 106 | 113 | 122 | 129 | 131 | 128 | 117 | 100 | 80 | 58 | 38 | 22 | 14 | 15 | 25 | 41 | 62 | 2017 | 84.0 | | 2:27 | 106 | 10:55 | 131 | * | * | * | * | 5:27 | 101 | 19:24 | 13 | * | * | * | * |
| 19 | 82 | 100 | 113 | 119 | 119 | 115 | 110 | 108 | 110 | 117 | 126 | 133 | 136 | 133 | 122 | 103 | 79 | 52 | 27 | 8 | -1 | 1 | 13 | 35 | 2060 | 85.8 | | 3:31 | 119 | 12:2 | 136 | * | * | * | * | 7:4 | 108 | 20:20 | -2 | * | * | * | * |
| 20 | 60 | 86 | 108 | 123 | 129 | 127 | 121 | 113 | 109 | 111 | 118 | 129 | 138 | 144 | 141 | 128 | 106 | 77 | 46 | 17 | -5 | -14 | -10 | 7 | 2109 | 87.9 | | 4:15 | 129 | 13:11 | 144 | * | * | * | * | 8:13 | 109 | 21:11 | -14 | * | * | * | * |
| 21 | 33 | 64 | 93 | 117 | 131 | 134 | 129 | 120 | 110 | 105 | 108 | 118 | 132 | 145 | 151 | 148 | 133 | 107 | 74 | 39 | 7 | -14 | -21 | -13 | 2150 | 89.6 | | 4:53 | 134 | 14:12 | 152 | * | * | * | * | 9:7 | 105 | 21:58 | -21 | * | * | * | * |
| 22 | 8 | 38 | 72 | 102 | 124 | 135 | 134 | 125 | 113 | 102 | 98 | 104 | 117 | 135 | 150 | 158 | 153 | 135 | 105 | 69 | 32 | 1 | -18 | -22 | 2170 | 90.4 | N | 5:27 | 136 | 15:8 | 158 | * | * | * | * | 9:54 | 98 | 22:42 | #-22 | * | * | * | * |
| 23 | -9 | 17 | 49 | 83 | 111 | 129 | 135 | 129 | 116 | 101 | 91 | 89 | 98 | 116 | 136 | 153 | 159 | 152 | 132 | 100 | 62 | 26 | -2 | -16 | 2157 | 89.9 | | 5:58 | 135 | 16:0 | #159 | * | * | * | * | 10:38 | 89 | 23:22 | -17 | * | * | * | * |
| 24 | -14 | 4 | 32 | 66 | 97 | 120 | 132 | 131 | 120 | 103 | 87 | 78 | 80 | 93 | 113 | 135 | 151 | 155 | 146 | 123 | 91 | 56 | 24 | 2 | 2125 | 88.5 | | 6:26 | 133 | 16:51 | 155 | * | * | * | * | 11:22 | 77 | 23:58 | -5 | * | * | * | * |
| 25 | -5 | 3 | 24 | 54 | 85 | 111 | 127 | 131 | 124 | 108 | 89 | 73 | 66 | 71 | 87 | 108 | 129 | 142 | 145 | 134 | 111 | 81 | 51 | 26 | 2075 | 86.5 | | 6:50 | 132 | 17:40 | 145 | * | * | * | * | 12:6 | 66 | * | * | * | * | * | * |
| 26 | 12 | 12 | 26 | 49 | 77 | 104 | 123 | 131 | 128 | 114 | 95 | 75 | 61 | 56 | 64 | 80 | 100 | 118 | 129 | 129 | 118 | 98 | 73 | 50 | 2022 | 84.3 | | 7:12 | 132 | 18:31 | 131 | * | * | * | * | 0:31 | 10 | 12:53 | 56 | * | * | * | * |
| 27 | 34 | 28 | 35 | 52 | 75 | 99 | 119 | 131 | 132 | 122 | 104 | 83 | 64 | 52 | 49 | 57 | 72 | 90 | 105 | 113 | 112 | 103 | 87 | 70 | 1988 | 82.8 | | 7:33 | 133 | 19:26 | 114 | * | * | * | * | 0:59 | 28 | 13:44 | 49 | * | * | * | * |
| 28 | 55 | 47 | 48 | 59 | 77 | 97 | 116 | 130 | 134 | 128 | 114 | 95 | 74 | 57 | 46 | 44 | 51 | 63 | 77 | 90 | 97 | 97 | 91 | 81 | 1968 | 82.0 | | 7:56 | 134 | 20:30 | 98 | * | * | * | * | 1:23 | 46 | 14:42 | 44 | * | * | * | * |
| 29 | 71 | 65 | 63 | 69 | 81 | 97 | 113 | 127 | 134 | 133 | 123 | 107 | 88 | 69 | 53 | 43 | 40 | 44 | 53 | 65 | 76 | 83 | 86 | 85 | 1968 | 82.0 | U | 8:21 | 134 | 22:9 | 86 | * | * | * | * | 1:43 | 63 | 15:54 | 40 | * | * | * | * |
| 30 | 82 | 79 | 78 | 80 | 87 | 97 | 110 | 122 | 130 | 133 | 128 | 118 | 102 | 85 | 67 | 51 | 40 | 35 | 36 | 43 | 54 | 65 | 75 | 82 | 1979 | 82.5 | | 8:52 | 133 | * | * | * | * | * | * | 1:55 | 78 | 17:18 | 35 | * | * | * | * |
| 31 | 86 | 88 | 90 | 91 | 94 | 99 | 106 | 115 | 123 | 128 | 129 | 124 | 115 | 101 | 85 | 67 | 50 | 37 | 29 | 28 | 34 | 45 | 59 | 72 | 1995 | 83.1 | | 9:36 | 129 | * | * | * | * | * | * | 18:36 | 28 | * | * | * | * | * | * |

| 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 | 64466 | 86.6 | 23日 16時 0分 | 159 | 1 | 22日 22時 42分 | -22 | 1 |

推算潮位（毎時・満干潮）

地点名：塩釜

緯度：38 °19 N

経度：141 °2 E

潮位表基準面の零点：平均海面下 92.0(cm)

2023 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 | 84 | 92 | 98 | 101 | 102 | 103 | 105 | 109 | 114 | 120 | 125 | 126 | 122 | 115 | 102 | 86 | 66 | 47 | 31 | 21 | 20 | 28 | 41 | 58 | 2016 | 84.0 | | 10:46 | 126 | * | * | * | * | * | * | 19:37 | 20 | * | * | * | * | * | * | |
| 2 | 76 | 91 | 102 | 109 | 110 | 108 | 105 | 104 | 106 | 110 | 116 | 122 | 125 | 124 | 118 | 104 | 86 | 63 | 41 | 23 | 13 | 14 | 24 | 41 | 2035 | 84.8 | | 3:52 | 110 | 12:19 | 126 | * | * | * | * | * | 7: 1 | 104 | 20:27 | 12 | * | * | * | * |
| 3 | 63 | 84 | 101 | 112 | 117 | 115 | 109 | 103 | 99 | 100 | 106 | 114 | 123 | 129 | 129 | 121 | 105 | 83 | 57 | 32 | 14 | 6 | 10 | 25 | 2057 | 85.7 | | 4: 8 | 117 | 13:32 | 129 | * | * | * | * | * | 8:17 | 99 | 21:10 | 6 | * | * | * | * |
| 4 | 47 | 72 | 95 | 112 | 120 | 120 | 114 | 104 | 96 | 92 | 95 | 103 | 115 | 127 | 134 | 133 | 123 | 102 | 76 | 47 | 22 | 5 | 2 | 11 | 2067 | 86.1 | | 4:30 | 121 | 14:25 | 135 | * | * | * | * | * | 9: 5 | 92 | 21:47 | 1 | * | * | * | * |
| 5 | 31 | 57 | 84 | 107 | 120 | 124 | 119 | 108 | 96 | 87 | 85 | 92 | 104 | 120 | 133 | 139 | 135 | 120 | 95 | 64 | 35 | 11 | 0 | 2 | 2068 | 86.2 | | 4:53 | 124 | 15: 8 | 140 | * | * | * | * | * | 9:43 | 85 | 22:20 | -1 | * | * | * | * |
| 6 | 18 | 43 | 72 | 98 | 117 | 125 | 123 | 112 | 98 | 85 | 78 | 80 | 91 | 108 | 126 | 139 | 142 | 133 | 112 | 83 | 51 | 23 | 4 | -1 | 2060 | 85.8 | F | 5:15 | 126 | 15:46 | 142 | * | * | * | * | * | 10:17 | 78 | 22:50 | -1 | * | * | * | * |
| 7 | 9 | 31 | 60 | 88 | 111 | 124 | 125 | 117 | 101 | 85 | 74 | 71 | 78 | 94 | 114 | 131 | 141 | 139 | 125 | 100 | 69 | 38 | 15 | 3 | 2043 | 85.1 | | 5:37 | 126 | 16:22 | 142 | * | * | * | * | * | 10:49 | 71 | 23:18 | 2 | * | * | * | * |
| 8 | 6 | 23 | 49 | 79 | 104 | 121 | 127 | 121 | 106 | 88 | 72 | 64 | 66 | 78 | 97 | 118 | 133 | 138 | 132 | 113 | 85 | 55 | 29 | 12 | 2016 | 84.0 | | 5:57 | 127 | 16:58 | 138 | * | * | * | * | * | 11:20 | 63 | 23:44 | 8 | * | * | * | * |
| 9 | 9 | 20 | 42 | 71 | 98 | 118 | 127 | 124 | 111 | 92 | 73 | 60 | 56 | 63 | 79 | 100 | 119 | 130 | 131 | 120 | 99 | 72 | 46 | 26 | 1986 | 82.8 | | 6:16 | 127 | 17:35 | 132 | * | * | * | * | * | 11:52 | 56 | * | * | * | * | * | * |
| 10 | 18 | 22 | 40 | 65 | 91 | 113 | 126 | 127 | 116 | 98 | 77 | 59 | 50 | 51 | 62 | 80 | 100 | 116 | 123 | 121 | 107 | 86 | 63 | 43 | 1954 | 81.4 | | 6:34 | 128 | 18:15 | 124 | * | * | * | * | * | 0: 9 | 17 | 12:25 | 49 | * | * | * | * |
| 11 | 31 | 30 | 42 | 62 | 87 | 109 | 124 | 129 | 121 | 105 | 83 | 63 | 48 | 43 | 48 | 61 | 79 | 96 | 109 | 113 | 109 | 96 | 78 | 61 | 1927 | 80.3 | | 6:53 | 129 | 19: 1 | 113 | * | * | * | * | * | 0:33 | 29 | 13: 2 | 43 | * | * | * | * |
| 12 | 48 | 43 | 49 | 64 | 84 | 105 | 121 | 129 | 126 | 112 | 92 | 70 | 52 | 40 | 38 | 45 | 58 | 74 | 88 | 99 | 102 | 98 | 88 | 76 | 1901 | 79.2 | | 7:13 | 129 | 19:58 | 102 | * | * | * | * | * | 0:58 | 43 | 13:44 | 38 | * | * | * | * |
| 13 | 66 | 60 | 61 | 70 | 84 | 102 | 117 | 127 | 128 | 119 | 102 | 81 | 61 | 45 | 36 | 35 | 41 | 52 | 65 | 77 | 87 | 91 | 90 | 86 | 1883 | 78.5 | | 7:36 | 129 | 21:21 | 91 | * | * | * | * | * | 1:22 | 59 | 14:39 | 34 | * | * | * | * |
| 14 | 81 | 77 | 76 | 80 | 89 | 101 | 113 | 124 | 128 | 124 | 113 | 95 | 76 | 58 | 43 | 34 | 31 | 34 | 42 | 52 | 64 | 75 | 82 | 87 | 1879 | 78.3 | L | 8: 4 | 128 | * | * | * | * | * | * | 1:43 | 76 | 15:58 | 31 | * | * | * | * | |
| 15 | 90 | 91 | 92 | 93 | 97 | 103 | 111 | 119 | 125 | 126 | 121 | 110 | 94 | 77 | 59 | 44 | 32 | 25 | 24 | 29 | 38 | 51 | 65 | 78 | 1894 | 78.9 | | 8:43 | 127 | * | * | * | * | * | * | 17:41 | 24 | * | * | * | * | * | * | |
| 16 | 89 | 98 | 104 | 106 | 107 | 108 | 110 | 114 | 119 | 123 | 125 | 121 | 112 | 99 | 83 | 64 | 45 | 28 | 17 | 12 | 15 | 25 | 41 | 59 | 1924 | 80.2 | | 9:46 | 125 | * | * | * | * | * | * | 19: 8 | 12 | * | * | * | * | * | * | |
| 17 | 79 | 96 | 109 | 116 | 117 | 114 | 111 | 109 | 111 | 115 | 121 | 125 | 125 | 120 | 109 | 91 | 69 | 45 | 23 | 7 | -1 | 2 | 15 | 35 | 1963 | 81.8 | | 3:45 | 117 | 11:35 | 126 | * | * | * | * | * | 7: 2 | 109 | 20:12 | -1 | * | * | * | * |
| 18 | 60 | 85 | 105 | 119 | 124 | 121 | 114 | 107 | 102 | 104 | 110 | 120 | 129 | 134 | 131 | 120 | 99 | 72 | 43 | 16 | -3 | -11 | -5 | 12 | 2008 | 83.7 | | 4: 7 | 124 | 13:13 | 134 | * | * | * | * | * | 8:17 | 102 | 21: 4 | -11 | * | * | * | * |
| 19 | 38 | 67 | 95 | 116 | 127 | 127 | 119 | 106 | 96 | 91 | 94 | 105 | 120 | 135 | 143 | 141 | 128 | 103 | 71 | 38 | 9 | -10 | -15 | -5 | 2039 | 85.0 | | 4:31 | 128 | 14:22 | 144 | * | * | * | * | * | 9: 6 | 91 | 21:49 | #-15 | * | * | * | * |
| 20 | 18 | 49 | 81 | 108 | 125 | 130 | 123 | 109 | 92 | 80 | 77 | 84 | 101 | 122 | 140 | 150 | 147 | 131 | 102 | 67 | 32 | 4 | -11 | -10 | 2051 | 85.5 | N | 4:54 | 130 | 15:18 | 151 | * | * | * | * | * | 9:49 | 76 | 22:27 | -13 | * | * | * | * |
| 21 | 6 | 34 | 66 | 97 | 120 | 130 | 127 | 113 | 93 | 74 | 63 | 63 | 76 | 98 | 123 | 143 | 152 | 147 | 127 | 96 | 61 | 28 | 5 | -4 | 2038 | 84.9 | | 5:16 | 131 | 16: 9 | #152 | * | * | * | * | * | 10:29 | 61 | 23: 2 | -4 | * | * | * | * |
| 22 | 4 | 26 | 56 | 88 | 114 | 130 | 131 | 119 | 99 | 75 | 55 | 46 | 52 | 70 | 96 | 122 | 141 | 148 | 139 | 117 | 87 | 54 | 27 | 12 | 2008 | 83.7 | | 5:36 | 132 | 16:57 | 148 | * | * | * | * | * | 11: 9 | 46 | 23:32 | 9 | * | * | * | * |
| 23 | 11 | 26 | 52 | 82 | 109 | 128 | 134 | 126 | 107 | 81 | 56 | 39 | 34 | 44 | 66 | 93 | 118 | 134 | 137 | 126 | 104 | 77 | 51 | 32 | 1967 | 82.0 | | 5:55 | 134 | 17:43 | 138 | * | * | * | * | * | 11:49 | 34 | 23:58 | 25 | * | * | * | * |
| 24 | 25 | 33 | 53 | 80 | 106 | 127 | 136 | 132 | 116 | 91 | 64 | 41 | 28 | 28 | 41 | 64 | 89 | 111 | 123 | 123 | 111 | 91 | 70 | 52 | 1935 | 80.6 | | 6:13 | 137 | 18:30 | 124 | * | * | * | * | * | 12:30 | 26 | * | * | * | * | * | * |
| 25 | 42 | 44 | 58 | 80 | 104 | 124 | 136 | 137 | 125 | 103 | 77 | 51 | 31 | 22 | 26 | 41 | 62 | 83 | 100 | 109 | 107 | 97 | 82 | 68 | 1909 | 79.5 | | 6:32 | 138 | 19:19 | 110 | * | * | * | * | * | 0:21 | 42 | 13:13 | 22 | * | * | * | * |
| 26 | 58 | 57 | 65 | 81 | 102 | 121 | 134 | 138 | 131 | 114 | 90 | 65 | 43 | 28 | 23 | 28 | 41 | 59 | 76 | 89 | 95 | 93 | 87 | 78 | 1896 | 79.0 | | 6:52 | 138 | 20:15 | 95 | * | * | * | * | * | 0:40 | 56 | 14: 0 | 23 | * | * | * | * |
| 27 | 71 | 69 | 73 | 84 | 99 | 116 | 129 | 135 | 133 | 121 | 103 | 81 | 60 | 42 | 31 | 27 | 31 | 41 | 54 | 68 | 78 | 84 | 84 | 82 | 1896 | 79.0 | U | 7:15 | 135 | 21:40 | 84 | * | * | * | * | * | 0:53 | 69 | 14:57 | 27 | * | * | * | * |
| 28 | 80 | 80 | 82 | 88 | 98 | 110 | 120 | 128 | 129 | 124 | 111 | 95 | 77 | 60 | 46 | 36 | 31 | 32 | 39 | 49 | 60 | 69 | 76 | 81 | 1901 | 79.2 | | 7:43 | 130 | * | * | * | * | * | * | 0:48 | 79 | 16:17 | 31 | * | * | * | * | |

| 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 |
| 672 | 55321 | 82.3 | 21 日 16 時 9 分 | 152 | 1 | 19 日 21 時 49 分 | -15 | 1 |

推算潮位（毎時・満干潮）

地点名：塩釜

緯度：38 °19 N

経度：141 °2 E

潮位表基準面の零点：平均海面下 92.0(cm)

2023 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 | 85 | 87 | 90 | 93 | 98 | 105 | 112 | 118 | 121 | 120 | 115 | 105 | 93 | 79 | 65 | 51 | 40 | 33 | 30 | 34 | 42 | 53 | 64 | 75 | 1908 | 79.5 | | 8:20 | 121 | * | * | * | * | * | * | * | 17:53 | 30 | * | * | * | * | * | * | |
| 2 | 84 | 92 | 97 | 100 | 101 | 102 | 104 | 107 | 110 | 112 | 112 | 110 | 104 | 96 | 85 | 71 | 55 | 41 | 30 | 25 | 28 | 36 | 49 | 64 | 1915 | 79.8 | | 9:31 | 113 | * | * | * | * | * | * | * | 19:11 | 25 | * | * | * | * | * | * | |
| 3 | 79 | 92 | 102 | 106 | 106 | 104 | 100 | 98 | 99 | 101 | 105 | 109 | 111 | 109 | 103 | 91 | 75 | 55 | 37 | 24 | 18 | 22 | 33 | 50 | 1929 | 80.4 | | 3:31 | 107 | 12: 9 | 111 | * | * | * | * | * | * | 7:20 | 98 | 20: 7 | 18 | * | * | * | * |
| 4 | 70 | 88 | 103 | 111 | 112 | 107 | 100 | 93 | 89 | 89 | 94 | 102 | 111 | 116 | 117 | 109 | 94 | 73 | 50 | 30 | 16 | 12 | 19 | 36 | 1941 | 80.9 | | 3:40 | 112 | 13:34 | 117 | * | * | * | * | * | * | 8:23 | 88 | 20:50 | 12 | * | * | * | * |
| 5 | 58 | 81 | 100 | 113 | 117 | 113 | 103 | 91 | 82 | 78 | 82 | 91 | 104 | 117 | 124 | 124 | 113 | 93 | 67 | 41 | 20 | 9 | 10 | 23 | 1954 | 81.4 | | 3:57 | 117 | 14:25 | 125 | * | * | * | * | * | * | 9: 1 | 78 | 21:25 | 8 | * | * | * | * |
| 6 | 45 | 71 | 95 | 112 | 120 | 118 | 107 | 93 | 79 | 70 | 69 | 78 | 93 | 111 | 125 | 131 | 127 | 111 | 86 | 57 | 31 | 12 | 6 | 14 | 1961 | 81.7 | | 4:15 | 121 | 15: 6 | 132 | * | * | * | * | * | * | 9:33 | 68 | 21:56 | 6 | * | * | * | * |
| 7 | 34 | 60 | 87 | 109 | 122 | 122 | 113 | 96 | 78 | 64 | 58 | 63 | 78 | 98 | 118 | 132 | 135 | 125 | 103 | 75 | 45 | 22 | 9 | 11 | 1957 | 81.5 | F | 4:33 | 124 | 15:44 | 135 | * | * | * | * | * | * | 10: 3 | 58 | 22:24 | 8 | * | * | * | * |
| 8 | 26 | 51 | 80 | 105 | 121 | 126 | 118 | 101 | 80 | 61 | 49 | 49 | 61 | 81 | 105 | 125 | 135 | 133 | 118 | 93 | 63 | 36 | 18 | 13 | 1948 | 81.2 | | 4:51 | 126 | 16:21 | 136 | * | * | * | * | * | * | 10:32 | 48 | 22:50 | 13 | * | * | * | * |
| 9 | 23 | 45 | 73 | 100 | 120 | 128 | 123 | 107 | 84 | 61 | 44 | 37 | 44 | 62 | 86 | 111 | 128 | 134 | 127 | 108 | 81 | 53 | 32 | 22 | 1933 | 80.5 | | 5: 7 | 128 | 16:58 | 134 | * | * | * | * | * | * | 11: 1 | 37 | 23:15 | 21 | * | * | * | * |
| 10 | 25 | 42 | 68 | 96 | 118 | 129 | 128 | 113 | 90 | 64 | 42 | 30 | 30 | 43 | 65 | 91 | 113 | 127 | 128 | 117 | 96 | 71 | 49 | 35 | 1910 | 79.6 | | 5:23 | 130 | 17:37 | 129 | * | * | * | * | * | * | 11:30 | 28 | 23:39 | 32 | * | * | * | * |
| 11 | 33 | 44 | 65 | 91 | 114 | 129 | 131 | 120 | 98 | 71 | 45 | 27 | 21 | 27 | 45 | 69 | 93 | 112 | 121 | 119 | 106 | 87 | 66 | 51 | 1885 | 78.5 | | 5:40 | 132 | 18:19 | 122 | * | * | * | * | * | * | 12: 1 | 21 | * | * | * | * | * | * |
| 12 | 45 | 50 | 66 | 88 | 111 | 127 | 133 | 126 | 107 | 81 | 53 | 31 | 18 | 17 | 28 | 47 | 70 | 91 | 106 | 112 | 108 | 96 | 81 | 67 | 1859 | 77.5 | | 5:58 | 133 | 19: 5 | 112 | * | * | * | * | * | * | 0: 4 | 45 | 12:35 | 16 | * | * | * | * |
| 13 | 59 | 60 | 70 | 87 | 107 | 124 | 132 | 130 | 116 | 93 | 66 | 41 | 23 | 15 | 18 | 30 | 48 | 68 | 85 | 97 | 101 | 98 | 90 | 81 | 1839 | 76.6 | | 6:18 | 133 | 20: 2 | 101 | * | * | * | * | * | * | 0:27 | 58 | 13:14 | 15 | * | * | * | * |
| 14 | 74 | 73 | 78 | 89 | 104 | 119 | 129 | 131 | 122 | 105 | 81 | 57 | 36 | 22 | 17 | 20 | 31 | 46 | 61 | 76 | 86 | 90 | 91 | 89 | 1827 | 76.1 | | 6:42 | 131 | 21:35 | 91 | * | * | * | * | * | * | 0:48 | 72 | 14: 5 | 17 | * | * | * | * |
| 15 | 86 | 85 | 87 | 94 | 103 | 114 | 124 | 128 | 125 | 114 | 97 | 76 | 56 | 39 | 27 | 21 | 22 | 29 | 39 | 51 | 64 | 74 | 82 | 88 | 1825 | 76.0 | L | 7:10 | 128 | * | * | * | * | * | * | * | 0:55 | 85 | 15:20 | 21 | * | * | * | * | |
| 16 | 93 | 96 | 98 | 100 | 105 | 110 | 116 | 121 | 123 | 119 | 109 | 95 | 79 | 62 | 47 | 34 | 25 | 21 | 23 | 29 | 40 | 53 | 66 | 80 | 1844 | 76.8 | | 7:48 | 123 | * | * | * | * | * | * | * | 17:14 | 21 | * | * | * | * | * | * | |
| 17 | 91 | 100 | 106 | 108 | 108 | 108 | 109 | 111 | 114 | 115 | 114 | 109 | 101 | 89 | 74 | 57 | 40 | 26 | 17 | 14 | 19 | 30 | 46 | 64 | 1870 | 77.9 | | 9: 5 | 115 | * | * | * | * | * | * | * | 18:52 | 14 | * | * | * | * | * | * | |
| 18 | 83 | 99 | 110 | 114 | 113 | 108 | 103 | 100 | 100 | 104 | 109 | 113 | 115 | 111 | 102 | 86 | 65 | 44 | 24 | 11 | 6 | 12 | 26 | 47 | 1905 | 79.4 | | 3:11 | 114 | 11:50 | 115 | * | * | * | * | * | * | 7:20 | 100 | 19:57 | 6 | * | * | * | * |
| 19 | 70 | 93 | 110 | 119 | 118 | 111 | 100 | 90 | 85 | 87 | 94 | 106 | 117 | 124 | 124 | 114 | 95 | 70 | 43 | 20 | 6 | 2 | 11 | 30 | 1939 | 80.8 | | 3:27 | 119 | 13:28 | 125 | * | * | * | * | * | * | 8:16 | 85 | 20:46 | # 2 | * | * | * | * |
| 20 | 56 | 83 | 106 | 120 | 123 | 116 | 101 | 84 | 72 | 67 | 73 | 87 | 105 | 123 | 134 | 134 | 122 | 99 | 70 | 41 | 17 | 5 | 5 | 20 | 1963 | 81.8 | | 3:45 | 123 | 14:32 | 136 | * | * | * | * | * | * | 8:57 | 67 | 21:26 | 3 | * | * | * | * |
| 21 | 44 | 73 | 100 | 120 | 127 | 122 | 106 | 84 | 64 | 51 | 50 | 61 | 82 | 107 | 129 | 141 | 139 | 124 | 98 | 67 | 38 | 18 | 10 | 17 | 1972 | 82.2 | | 4: 4 | 127 | 15:24 | 142 | * | * | * | * | * | * | 9:36 | 49 | 22: 1 | 10 | * | * | * | * |
| 22 | 37 | 66 | 95 | 118 | 130 | 128 | 113 | 90 | 64 | 42 | 31 | 36 | 54 | 81 | 110 | 132 | 142 | 138 | 120 | 93 | 63 | 38 | 23 | 23 | 1967 | 82.0 | N | 4:22 | 131 | 16:13 | #143 | * | * | * | * | * | * | 10:14 | 31 | 22:31 | 21 | * | * | * | * |
| 23 | 37 | 62 | 90 | 116 | 132 | 134 | 123 | 99 | 70 | 42 | 22 | 17 | 27 | 51 | 82 | 111 | 131 | 139 | 131 | 111 | 85 | 60 | 41 | 34 | 1947 | 81.1 | | 4:41 | 135 | 16:59 | 139 | * | * | * | * | * | * | 10:51 | 16 | 22:59 | 34 | * | * | * | * |
| 24 | 42 | 61 | 88 | 113 | 132 | 139 | 131 | 110 | 81 | 50 | 23 | 8 | 9 | 25 | 53 | 83 | 110 | 127 | 130 | 120 | 101 | 79 | 60 | 49 | 1924 | 80.2 | | 4:59 | 139 | 17:44 | 130 | * | * | * | * | * | * | 11:28 | 7 | 23:24 | 48 | * | * | * | * |
| 25 | 50 | 64 | 86 | 111 | 131 | 141 | 138 | 121 | 94 | 63 | 33 | 11 | 2 | 9 | 29 | 56 | 84 | 107 | 119 | 118 | 108 | 91 | 75 | 63 | 1904 | 79.3 | | 5:18 | 141 | 18:28 | 120 | * | * | * | * | * | * | 12: 5 | # 2 | 23:46 | 60 | * | * | * | * |
| 26 | 60 | 68 | 86 | 107 | 127 | 139 | 141 | 130 | 107 | 78 | 48 | 23 | 7 | 4 | 15 | 35 | 60 | 83 | 101 | 108 | 106 | 96 | 85 | 75 | 1889 | 78.7 | | 5:38 | 142 | 19:14 | 109 | * | * | * | * | * | * | 12:42 | 4 | * | * | * | * | * | * |
| 27 | 70 | 73 | 85 | 103 | 121 | 134 | 139 | 133 | 117 | 92 | 65 | 40 | 21 | 11 | 12 | 23 | 42 | 62 | 80 | 93 | 98 | 95 | 89 | 83 | 1881 | 78.4 | | 6: 0 | 139 | 20: 7 | 98 | * | * | * | * | * | * | 0: 6 | 70 | 13:23 | 10 | * | * | * | * |
| 28 | 79 | 79 | 86 | 98 | 113 | 125 | 132 | 132 | 121 | 103 | 81 | 58 | 39 | 25 | 19 | 21 | 31 | 46 | 61 | 75 | 85 | 89 | 87 | 87 | 1874 | 78.1 | | 6:25 | 133 | 21:25 | 89 | * | * | * | * | * | * | 0:23 | 78 | 14:12 | 19 | * | * | * | * |
| 29 | 85 | 85 | 89 | 96 | 105 | 115 | 122 | 124 | 120 | 109 | 93 | 75 | 58 | 44 | 33 | 28 | 29 | 36 | 46 | 58 | 69 | 78 | 84 | 87 | 1868 | 77.8 | U | 6:53 | 124 | * | * | * | * | * | * | * | 0:28 | 85 | 15:20 | 28 | * | * | * | * | |
| 30 | 90 | 91 | 93 | 96 | 100 | 105 | 110 | 113 | 113 | 109 | 100 | 89 | 77 | 64 | 52 | 42 | 35 | 33 | 36 | 43 | 53 | 64 | 75 | 84 | 1867 | 77.8 | | 7:28 | 114 | * | * | * | * | * | * | * | 16:57 | 33 | * | * | * | * | * | * | |
| 31 | 91 | 96 | 99 | 99 | 99 | 100 | 101 | 102 | 102 | 101 | 97 | 91 | 83 | 72 | 60 | 48 | 38 | 32 | 33 | 39 | 50 | 63 | 77 | 1872 | 78.0 | | 8:36 | 103 | * | * | * | * | * | * | * | 18:27 | 32 | * | * | * | * | * | * | | |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | | | | |
|-----|-------|------|---------|-------|-------|----------------|-----|----|---------------|----|----|
| | | | 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 744 | 59077 | 79.4 | | | | 22 日 16 時 13 分 | 143 | 1 | 25 日 12 時 5 分 | 2 | 2 |

推算潮位 (毎時・満干潮)

地点名: 塩釜

緯度: 38 °19 N

経度: 141 °2 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2023 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 | | |
| 1 | 90 | 99 | 104 | 104 | 101 | 96 | 92 | 89 | 90 | 92 | 95 | 98 | 100 | 98 | 91 | 80 | 65 | 49 | 36 | 28 | 29 | 36 | 50 | 67 | 1879 | 78.3 | | 2:34 | 105 | 12: 1 | 100 | * | * | * | * | 7:27 | 89 | 19:29 | 27 | * | * | * | * |
| 2 | 85 | 99 | 108 | 110 | 106 | 98 | 88 | 81 | 77 | 79 | 85 | 93 | 102 | 107 | 107 | 98 | 83 | 64 | 45 | 31 | 24 | 27 | 38 | 57 | 1892 | 78.8 | | 2:48 | 110 | 13:25 | 108 | * | * | * | * | 8:11 | 77 | 20:13 | 24 | * | * | * | * |
| 3 | 78 | 97 | 110 | 116 | 112 | 102 | 88 | 75 | 66 | 65 | 71 | 82 | 97 | 110 | 116 | 114 | 102 | 83 | 60 | 40 | 26 | 22 | 30 | 47 | 1909 | 79.5 | | 3: 4 | 116 | 14:16 | 117 | * | * | * | * | 8:43 | 64 | 20:49 | 22 | * | * | * | * |
| 4 | 70 | 93 | 110 | 119 | 118 | 107 | 91 | 73 | 58 | 51 | 54 | 67 | 85 | 104 | 119 | 124 | 118 | 101 | 78 | 54 | 34 | 24 | 26 | 40 | 1918 | 79.9 | | 3:21 | 120 | 14:58 | 124 | * | * | * | * | 9:12 | 51 | 21:20 | 23 | * | * | * | * |
| 5 | 62 | 87 | 109 | 122 | 123 | 114 | 95 | 73 | 53 | 41 | 39 | 48 | 68 | 92 | 113 | 127 | 128 | 118 | 97 | 72 | 48 | 32 | 28 | 37 | 1926 | 80.3 | | 3:38 | 124 | 15:39 | 129 | * | * | * | * | 9:40 | 38 | 21:49 | 28 | * | * | * | * |
| 6 | 57 | 82 | 106 | 123 | 128 | 121 | 102 | 77 | 52 | 33 | 25 | 30 | 47 | 73 | 99 | 121 | 131 | 129 | 114 | 91 | 66 | 46 | 36 | 39 | 1928 | 80.3 | F | 3:54 | 128 | 16:18 | 132 | * | * | * | * | 10: 8 | 25 | 22:17 | 35 | * | * | * | * |
| 7 | 54 | 78 | 103 | 123 | 132 | 127 | 110 | 84 | 56 | 31 | 16 | 14 | 27 | 51 | 80 | 106 | 125 | 132 | 125 | 107 | 85 | 63 | 48 | 45 | 1922 | 80.1 | | 4:11 | 132 | 16:59 | 132 | * | * | * | * | 10:37 | 13 | 22:45 | 45 | * | * | * | * |
| 8 | 55 | 75 | 100 | 121 | 134 | 133 | 119 | 94 | 64 | 34 | 13 | 4 | 9 | 29 | 56 | 86 | 110 | 125 | 128 | 118 | 100 | 80 | 64 | 56 | 1907 | 79.5 | | 4:29 | 135 | 17:41 | 128 | * | * | * | * | 11: 7 | 4 | 23:12 | 55 | * | * | * | * |
| 9 | 59 | 74 | 96 | 118 | 133 | 137 | 128 | 106 | 76 | 44 | 17 | 1 | -1 | 11 | 34 | 62 | 89 | 110 | 121 | 120 | 110 | 95 | 79 | 69 | 1888 | 78.7 | | 4:48 | 137 | 18:26 | 122 | * | * | * | * | 11:40 | -2 | 23:38 | 67 | * | * | * | * |
| 10 | 68 | 76 | 94 | 114 | 130 | 138 | 134 | 117 | 90 | 59 | 29 | 8 | -3 | 1 | 16 | 39 | 65 | 88 | 105 | 113 | 111 | 102 | 91 | 82 | 1867 | 77.8 | | 5:10 | 138 | 19:17 | 113 | * | * | * | * | 12:16 | -3 | * | * | * | * | * | * |
| 11 | 78 | 81 | 93 | 109 | 125 | 135 | 136 | 126 | 104 | 76 | 47 | 23 | 6 | 1 | 7 | 22 | 43 | 64 | 83 | 97 | 103 | 102 | 98 | 92 | 1851 | 77.1 | | 5:35 | 137 | 20:24 | 103 | * | * | * | * | 0: 4 | 78 | 12:58 | 1 | * | * | * | * |
| 12 | 88 | 88 | 94 | 105 | 118 | 129 | 134 | 129 | 115 | 94 | 68 | 44 | 24 | 12 | 8 | 14 | 26 | 43 | 60 | 76 | 87 | 94 | 97 | 97 | 1844 | 76.8 | | 6: 4 | 134 | 22:40 | 97 | * | * | * | * | 0:28 | 88 | 13:51 | 8 | * | * | * | * |
| 13 | 96 | 96 | 98 | 103 | 111 | 120 | 126 | 127 | 120 | 107 | 88 | 68 | 48 | 32 | 22 | 17 | 20 | 28 | 40 | 53 | 67 | 79 | 89 | 96 | 1851 | 77.1 | L | 6:38 | 127 | * | * | * | * | 0:46 | 96 | 15: 7 | 17 | * | * | * | * | | |
| 14 | 101 | 102 | 103 | 103 | 106 | 109 | 114 | 117 | 117 | 112 | 102 | 89 | 74 | 59 | 44 | 32 | 25 | 23 | 26 | 35 | 48 | 62 | 77 | 90 | 1870 | 77.9 | | 7:29 | 117 | * | * | * | * | 16:51 | 23 | * | * | * | * | * | * | | |
| 15 | 101 | 107 | 108 | 106 | 103 | 100 | 100 | 101 | 104 | 106 | 106 | 103 | 96 | 86 | 72 | 56 | 41 | 29 | 23 | 24 | 32 | 46 | 63 | 81 | 1894 | 78.9 | | 1:48 | 108 | 9:28 | 107 | * | * | * | * | 5:43 | 100 | 18:22 | 23 | * | * | * | * |
| 16 | 97 | 109 | 113 | 111 | 103 | 94 | 87 | 84 | 85 | 91 | 98 | 105 | 109 | 107 | 99 | 84 | 65 | 47 | 32 | 24 | 24 | 34 | 51 | 71 | 1924 | 80.2 | | 2: 7 | 113 | 12:13 | 109 | * | * | * | * | 7:11 | 83 | 19:25 | 23 | * | * | * | * |
| 17 | 92 | 109 | 118 | 117 | 108 | 94 | 79 | 68 | 64 | 68 | 79 | 94 | 108 | 117 | 118 | 109 | 92 | 71 | 50 | 33 | 26 | 29 | 42 | 63 | 1948 | 81.2 | | 2:26 | 118 | 13:36 | 119 | * | * | * | * | 7:59 | 64 | 20:12 | 26 | * | * | * | * |
| 18 | 86 | 107 | 121 | 124 | 116 | 99 | 78 | 58 | 46 | 44 | 54 | 72 | 94 | 113 | 126 | 127 | 116 | 97 | 74 | 52 | 37 | 32 | 40 | 58 | 1971 | 82.1 | | 2:45 | 124 | 14:35 | 128 | * | * | * | * | 8:39 | 43 | 20:51 | 32 | * | * | * | * |
| 19 | 81 | 105 | 123 | 130 | 125 | 108 | 83 | 57 | 36 | 25 | 28 | 44 | 69 | 97 | 119 | 132 | 131 | 118 | 97 | 74 | 54 | 43 | 44 | 57 | 1980 | 82.5 | | 3: 5 | 130 | 15:27 | 133 | * | * | * | * | 9:17 | 24 | 21:26 | 41 | * | * | * | * |
| 20 | 78 | 102 | 123 | 135 | 133 | 119 | 94 | 64 | 35 | 15 | 9 | 18 | 41 | 71 | 101 | 124 | 134 | 131 | 116 | 95 | 74 | 58 | 52 | 59 | 1981 | 82.5 | N | 3:24 | 136 | 16:15 | 134 | * | * | * | * | 9:54 | 8 | 21:57 | 52 | * | * | * | * |
| 21 | 77 | 100 | 122 | 137 | 140 | 130 | 107 | 76 | 43 | 15 | -1 | 0 | 16 | 44 | 76 | 105 | 125 | 132 | 126 | 111 | 91 | 74 | 64 | 65 | 1975 | 82.3 | | 3:45 | 141 | 17: 0 | 132 | * | * | * | * | 10:30 | -3 | 22:26 | 63 | * | * | * | * |
| 22 | 77 | 97 | 119 | 137 | 144 | 139 | 120 | 91 | 57 | 25 | 2 | -8 | -1 | 20 | 50 | 82 | 108 | 124 | 127 | 119 | 104 | 88 | 75 | 71 | 1967 | 82.0 | | 4: 6 | 144 | 17:44 | 127 | * | * | * | * | 11: 5 | # -8 | 22:53 | 71 | * | * | * | * |
| 23 | 78 | 94 | 114 | 133 | 144 | 144 | 130 | 106 | 74 | 41 | 13 | -4 | -7 | 5 | 29 | 59 | 87 | 108 | 119 | 119 | 110 | 97 | 85 | 79 | 1957 | 81.5 | | 4:29 | #145 | 18:27 | 120 | * | * | * | * | 11:40 | # -8 | 23:19 | 78 | * | * | * | * |
| 24 | 80 | 91 | 108 | 126 | 139 | 144 | 136 | 117 | 90 | 59 | 30 | 8 | -2 | 1 | 16 | 40 | 66 | 90 | 106 | 112 | 110 | 102 | 93 | 85 | 1947 | 81.1 | | 4:54 | 144 | 19:12 | 113 | * | * | * | * | 12:17 | -3 | 23:46 | 83 | * | * | * | * |
| 25 | 84 | 89 | 101 | 117 | 131 | 138 | 137 | 125 | 103 | 77 | 50 | 26 | 11 | 6 | 12 | 28 | 49 | 71 | 89 | 101 | 105 | 102 | 97 | 91 | 1940 | 80.8 | | 5:21 | 139 | 20: 2 | 105 | * | * | * | * | 12:56 | 6 | * | * | * | * | * | * |
| 26 | 88 | 89 | 96 | 107 | 119 | 128 | 131 | 126 | 111 | 91 | 68 | 46 | 29 | 19 | 17 | 24 | 38 | 55 | 73 | 87 | 96 | 99 | 98 | 95 | 1930 | 80.4 | | 5:51 | 131 | 21:11 | 99 | * | * | * | * | 0:14 | 87 | 13:41 | 17 | * | * | * | * |
| 27 | 92 | 91 | 94 | 100 | 108 | 116 | 121 | 120 | 113 | 100 | 83 | 65 | 49 | 36 | 28 | 28 | 33 | 44 | 58 | 72 | 84 | 92 | 96 | 97 | 1920 | 80.0 | | 6:24 | 122 | 23: 8 | 97 | * | * | * | * | 0:48 | 91 | 14:38 | 27 | * | * | * | * |
| 28 | 97 | 96 | 95 | 96 | 100 | 104 | 108 | 110 | 109 | 102 | 93 | 81 | 68 | 55 | 45 | 37 | 35 | 38 | 46 | 58 | 71 | 82 | 92 | 98 | 1916 | 79.8 | U | 7: 5 | 110 | * | * | * | * | 1:53 | 95 | 15:55 | 35 | * | * | * | * | | |
| 29 | 101 | 101 | 99 | 97 | 95 | 94 | 95 | 97 | 99 | 98 | 96 | 91 | 84 | 74 | 63 | 52 | 44 | 39 | 41 | 47 | 58 | 72 | 85 | 96 | 1918 | 79.9 | | 0:33 | 101 | 8:25 | 99 | * | * | * | * | 4:48 | 94 | 17:19 | 39 | * | * | * | * |
| 30 | 103 | 107 | 105 | 100 | 94 | 88 | 84 | 83 | 85 | 88 | 92 | 95 | 95 | 90 | 82 | 70 | 57 | 47 | 41 | 41 | 49 | 61 | 77 | 92 | 1926 | 80.3 | | 1: 9 | 107 | 11:28 | 95 | * | * | * | * | 6:51 | 83 | 18:26 | 40 | * | * | * | * |

| N 総回数 | Sum 推算月合計 | Mean 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 | 57546 | 79.9 | 23日 4時 29分 | 145 | 1 | 23日 11時 40分 | -8 | 2 |

推算潮位 (毎時・満干潮)

地点名: 塩釜

緯度: 38 °19 N 経度: 141 °2 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2023 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 | | |
| 1 | 104 | 111 | 111 | 106 | 96 | 86 | 76 | 70 | 69 | 74 | 82 | 91 | 99 | 102 | 99 | 89 | 75 | 60 | 48 | 42 | 43 | 53 | 69 | 87 | 1942 | 80.9 | | 1:34 | 112 | 13:0 | 102 | * | * | * | * | 7:37 | 69 | 19:17 | 41 | * | * | * | * |
| 2 | 103 | 114 | 118 | 113 | 101 | 86 | 71 | 59 | 54 | 57 | 67 | 81 | 96 | 107 | 111 | 106 | 94 | 77 | 61 | 48 | 44 | 49 | 63 | 81 | 1961 | 81.7 | | 1:55 | 118 | 13:58 | 111 | * | * | * | * | 8:10 | 54 | 19:59 | 44 | * | * | * | * |
| 3 | 101 | 116 | 123 | 120 | 108 | 90 | 70 | 52 | 41 | 39 | 47 | 64 | 85 | 104 | 116 | 119 | 112 | 97 | 78 | 61 | 50 | 50 | 59 | 77 | 1979 | 82.5 | | 2:14 | 123 | 14:47 | 120 | * | * | * | * | 8:40 | 38 | 20:35 | 49 | * | * | * | * |
| 4 | 97 | 116 | 127 | 128 | 117 | 97 | 73 | 49 | 31 | 23 | 27 | 43 | 66 | 92 | 113 | 125 | 126 | 115 | 98 | 79 | 63 | 56 | 59 | 74 | 1994 | 83.1 | | 2:33 | 129 | 15:33 | 127 | * | * | * | * | 9:10 | 23 | 21:10 | 55 | * | * | * | * |
| 5 | 94 | 115 | 130 | 134 | 126 | 107 | 81 | 52 | 27 | 12 | 9 | 21 | 44 | 72 | 100 | 121 | 131 | 128 | 116 | 97 | 79 | 67 | 64 | 73 | 2000 | 83.3 | | 2:53 | 134 | 16:17 | 131 | * | * | * | * | 9:40 | 8 | 21:43 | 64 | * | * | * | * |
| 6 | 91 | 112 | 130 | 139 | 136 | 119 | 93 | 61 | 31 | 8 | -3 | 2 | 20 | 48 | 79 | 107 | 126 | 133 | 128 | 114 | 96 | 81 | 73 | 76 | 2000 | 83.3 | F | 3:15 | 139 | 17:3 | 133 | * | * | * | * | 10:13 | -3 | 22:16 | 73 | * | * | * | * |
| 7 | 89 | 108 | 128 | 141 | 143 | 131 | 108 | 76 | 42 | 13 | -6 | -10 | 0 | 24 | 54 | 85 | 111 | 127 | 131 | 124 | 111 | 96 | 85 | 82 | 1993 | 83.0 | | 3:39 | 143 | 17:50 | 131 | * | * | * | * | 10:47 | -11 | 22:48 | 81 | * | * | * | * |
| 8 | 89 | 104 | 123 | 139 | 146 | 141 | 123 | 94 | 60 | 27 | 2 | -12 | -11 | 5 | 30 | 60 | 89 | 111 | 123 | 125 | 118 | 107 | 96 | 89 | 1978 | 82.4 | | 4:6 | 146 | 18:41 | 125 | * | * | * | * | 11:25 | #-13 | 23:21 | 89 | * | * | * | * |
| 9 | 91 | 101 | 117 | 133 | 144 | 145 | 134 | 112 | 81 | 48 | 19 | -2 | -10 | -5 | 12 | 37 | 64 | 89 | 107 | 117 | 118 | 113 | 105 | 97 | 1967 | 82.0 | | 4:37 | 146 | 19:39 | 118 | * | * | * | * | 12:7 | -10 | 23:55 | 95 | * | * | * | * |
| 10 | 95 | 99 | 110 | 124 | 137 | 143 | 140 | 125 | 101 | 72 | 43 | 18 | 2 | -3 | 4 | 20 | 42 | 65 | 86 | 101 | 110 | 112 | 109 | 104 | 1959 | 81.6 | | 5:11 | 144 | 20:50 | 112 | * | * | * | * | 12:54 | -3 | * | * | * | * | * | * |
| 11 | 100 | 99 | 105 | 114 | 125 | 134 | 137 | 131 | 116 | 94 | 68 | 44 | 24 | 11 | 8 | 14 | 28 | 46 | 65 | 83 | 97 | 105 | 108 | 108 | 1964 | 81.8 | | 5:50 | 137 | 22:19 | 108 | * | * | * | * | 0:35 | 99 | 13:49 | 8 | * | * | * | * |
| 12 | 105 | 102 | 101 | 105 | 112 | 120 | 126 | 127 | 121 | 108 | 90 | 70 | 51 | 34 | 23 | 20 | 24 | 34 | 49 | 66 | 82 | 95 | 104 | 109 | 1978 | 82.4 | L | 6:40 | 127 | 23:33 | 109 | * | * | * | * | 1:37 | 101 | 14:57 | 20 | * | * | * | * |
| 13 | 109 | 106 | 101 | 99 | 99 | 102 | 108 | 112 | 114 | 111 | 103 | 92 | 77 | 61 | 47 | 36 | 31 | 32 | 40 | 53 | 69 | 84 | 98 | 108 | 1992 | 83.0 | | 7:55 | 114 | * | * | * | * | 3:23 | 98 | 16:16 | 31 | * | * | * | * | | |
| 14 | 112 | 111 | 105 | 97 | 91 | 87 | 87 | 91 | 97 | 102 | 105 | 103 | 97 | 87 | 73 | 59 | 47 | 40 | 40 | 47 | 60 | 76 | 92 | 106 | 2012 | 83.8 | | 0:16 | 113 | 10:10 | 105 | * | * | * | * | 5:25 | 86 | 17:32 | 39 | * | * | * | * |
| 15 | 115 | 117 | 112 | 101 | 88 | 77 | 69 | 68 | 73 | 82 | 93 | 102 | 107 | 105 | 97 | 84 | 70 | 57 | 49 | 49 | 56 | 70 | 87 | 104 | 2032 | 84.7 | | 0:47 | 118 | 12:16 | 107 | * | * | * | * | 6:40 | 68 | 18:34 | 48 | * | * | * | * |
| 16 | 117 | 124 | 121 | 110 | 93 | 74 | 58 | 48 | 48 | 57 | 72 | 89 | 104 | 113 | 114 | 107 | 93 | 78 | 65 | 57 | 58 | 67 | 83 | 101 | 2051 | 85.5 | | 1:13 | 124 | 13:36 | 115 | * | * | * | * | 7:32 | 47 | 19:25 | 56 | * | * | * | * |
| 17 | 118 | 129 | 130 | 121 | 103 | 80 | 56 | 37 | 28 | 31 | 45 | 66 | 89 | 109 | 120 | 121 | 114 | 100 | 84 | 71 | 66 | 69 | 81 | 99 | 2067 | 86.1 | | 1:38 | 131 | 14:38 | 122 | * | * | * | * | 8:15 | 28 | 20:8 | 65 | * | * | * | * |
| 18 | 117 | 132 | 137 | 132 | 116 | 91 | 63 | 36 | 18 | 12 | 20 | 40 | 66 | 93 | 115 | 126 | 127 | 118 | 103 | 88 | 77 | 74 | 81 | 96 | 2078 | 86.6 | | 2:3 | 137 | 15:31 | 128 | * | * | * | * | 8:55 | 12 | 20:47 | 74 | * | * | * | * |
| 19 | 115 | 132 | 142 | 142 | 129 | 106 | 76 | 45 | 18 | 2 | 2 | 16 | 41 | 72 | 100 | 121 | 130 | 128 | 118 | 104 | 90 | 82 | 83 | 94 | 2088 | 87.0 | | 2:28 | 143 | 16:20 | 131 | * | * | * | * | 9:33 | 0 | 21:23 | 81 | * | * | * | * |
| 20 | 111 | 129 | 143 | 147 | 140 | 121 | 93 | 60 | 28 | 4 | -6 | -1 | 19 | 48 | 80 | 107 | 125 | 131 | 127 | 116 | 102 | 91 | 87 | 92 | 2094 | 87.3 | N | 2:55 | 147 | 17:4 | 131 | * | * | * | * | 10:9 | -6 | 21:57 | 87 | * | * | * | * |
| 21 | 106 | 123 | 139 | 148 | 147 | 134 | 109 | 78 | 44 | 16 | -3 | -7 | 4 | 28 | 58 | 88 | 112 | 126 | 129 | 123 | 111 | 99 | 91 | 91 | 2094 | 87.3 | | 3:24 | #149 | 17:46 | 129 | * | * | * | * | 10:45 | -8 | 22:31 | 90 | * | * | * | * |
| 22 | 100 | 115 | 132 | 145 | 149 | 142 | 123 | 96 | 64 | 33 | 9 | -4 | -2 | 14 | 39 | 69 | 95 | 115 | 124 | 124 | 116 | 106 | 96 | 92 | 2092 | 87.2 | | 3:55 | #149 | 18:27 | 125 | * | * | * | * | 11:22 | -5 | 23:4 | 92 | * | * | * | * |
| 23 | 96 | 107 | 122 | 136 | 145 | 145 | 133 | 111 | 83 | 53 | 26 | 8 | 1 | 8 | 26 | 51 | 78 | 100 | 115 | 120 | 118 | 110 | 101 | 94 | 2087 | 87.0 | | 4:27 | 146 | 19:8 | 120 | * | * | * | * | 11:59 | 1 | 23:39 | 93 | * | * | * | * |
| 24 | 94 | 100 | 111 | 125 | 137 | 141 | 136 | 122 | 99 | 72 | 46 | 24 | 12 | 10 | 20 | 39 | 62 | 84 | 102 | 113 | 116 | 112 | 105 | 98 | 2080 | 86.7 | | 5:1 | 141 | 19:52 | 116 | * | * | * | * | 12:37 | 9 | * | * | * | * | * | * |
| 25 | 94 | 95 | 102 | 113 | 125 | 132 | 133 | 125 | 110 | 88 | 65 | 43 | 27 | 19 | 21 | 32 | 50 | 70 | 89 | 103 | 110 | 112 | 108 | 102 | 2068 | 86.2 | | 5:37 | 134 | 20:41 | 112 | * | * | * | * | 0:17 | 94 | 13:19 | 19 | * | * | * | * |
| 26 | 97 | 94 | 96 | 103 | 111 | 120 | 124 | 123 | 114 | 99 | 81 | 62 | 45 | 33 | 29 | 32 | 43 | 58 | 76 | 92 | 103 | 109 | 110 | 107 | 2061 | 85.9 | | 6:16 | 124 | 21:38 | 110 | * | * | * | * | 1:5 | 94 | 14:5 | 29 | * | * | * | * |
| 27 | 102 | 97 | 94 | 95 | 100 | 106 | 111 | 113 | 111 | 104 | 93 | 78 | 63 | 50 | 41 | 38 | 42 | 51 | 65 | 81 | 95 | 105 | 110 | 111 | 2056 | 85.7 | | 7:5 | 113 | 22:35 | 111 | * | * | * | * | 2:13 | 94 | 14:57 | 38 | * | * | * | * |
| 28 | 107 | 102 | 96 | 92 | 91 | 92 | 96 | 100 | 102 | 102 | 98 | 90 | 80 | 68 | 57 | 50 | 47 | 50 | 59 | 72 | 87 | 100 | 109 | 114 | 2061 | 85.9 | U | 8:24 | 103 | 23:22 | 114 | * | * | * | * | 3:54 | 91 | 15:58 | 47 | * | * | * | * |
| 29 | 113 | 108 | 100 | 92 | 85 | 81 | 80 | 83 | 88 | 93 | 96 | 97 | 93 | 86 | 76 | 66 | 58 | 55 | 58 | 66 | 80 | 94 | 107 | 116 | 2071 | 86.3 | | 10:36 | 97 | 23:58 | 119 | * | * | * | * | 5:39 | 80 | 17:3 | 55 | * | * | * | * |
| 30 | 119 | 115 | 107 | 95 | 83 | 73 | 67 | 66 | 70 | 78 | 87 | 96 | 100 | 100 | 94 | 85 | 74 | 66 | 62 | 65 | 75 | 89 | 104 | 116 | 2086 | 86.9 | | 12:25 | 101 | * | * | * | * | 6:42 | 66 | 18:4 | 62 | * | * | * | * | | |
| 31 | 123 | 123 | 115 | 102 | 85 | 69 | 57 | 50 | 50 | 59 | 72 | 87 | 100 | 108 | 109 | 104 | 93 | 82 | 73 | 70 | 74 | 85 | 100 | 115 | 2105 | 87.7 | | 0:28 | 124 | 13:39 | 110 | * | * | * | * | 7:24 | 49 | 18:58 | 70 | * | * | * | * |

| 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 | 62990 | 84.7 | 22日3時55分 | 149 | 2 | 8日11時25分 | -13 | 1 |

推算潮位（毎時・満干潮）

地点名：塩釜

緯度：38 °19 N

経度：141 °2 E

潮位表基準面の零点：平均海面下 92.0(cm)

2023 年 6 月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | 干潮 | | | | | | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|------|-------|-----|----|----|------|----|-------|------|-------|-----|----|----|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | | |
| 1 | 126 | 130 | 125 | 111 | 92 | 71 | 51 | 37 | 32 | 37 | 51 | 70 | 91 | 108 | 118 | 119 | 113 | 101 | 89 | 80 | 78 | 84 | 97 | 113 | 2124 | 88.5 | | 0:56 | 130 | 14:38 | 120 | * | * | * | * | 8: 1 | 32 | 19:47 | 77 | * | * | * | * |
| 2 | 127 | 135 | 134 | 123 | 103 | 78 | 53 | 31 | 18 | 17 | 27 | 48 | 73 | 98 | 117 | 128 | 128 | 120 | 107 | 94 | 86 | 86 | 95 | 110 | 2136 | 89.0 | | 1:24 | 136 | 15:32 | 129 | * | * | * | * | 8:37 | 16 | 20:31 | 85 | * | * | * | * |
| 3 | 126 | 139 | 143 | 136 | 118 | 92 | 62 | 34 | 12 | 2 | 6 | 23 | 48 | 78 | 105 | 125 | 134 | 133 | 124 | 111 | 99 | 92 | 95 | 106 | 2143 | 89.3 | | 1:54 | 143 | 16:22 | 135 | * | * | * | * | 9:14 | 2 | 21:13 | 92 | * | * | * | * |
| 4 | 122 | 138 | 148 | 147 | 134 | 110 | 79 | 46 | 17 | -2 | -8 | 1 | 23 | 52 | 84 | 111 | 130 | 138 | 135 | 125 | 112 | 101 | 98 | 104 | 2145 | 89.4 | F | 2:27 | 149 | 17:13 | 138 | * | * | * | * | 9:53 | -8 | 21:53 | 98 | * | * | * | * |
| 5 | 117 | 134 | 148 | 154 | 148 | 130 | 101 | 67 | 33 | 5 | -11 | -12 | 1 | 26 | 58 | 89 | 115 | 131 | 137 | 133 | 123 | 111 | 103 | 103 | 2144 | 89.3 | | 3: 3 | 154 | 18: 3 | 137 | * | * | * | * | 10:35 | #-14 | 22:32 | 102 | * | * | * | * |
| 6 | 111 | 126 | 142 | 154 | 156 | 146 | 123 | 92 | 57 | 24 | -1 | -13 | -10 | 6 | 33 | 63 | 93 | 116 | 129 | 133 | 128 | 119 | 109 | 104 | 2140 | 89.2 | | 3:41 | #157 | 18:54 | 133 | * | * | * | * | 11:19 | #-14 | 23:13 | 104 | * | * | * | * |
| 7 | 106 | 117 | 132 | 147 | 155 | 154 | 140 | 116 | 84 | 50 | 21 | 0 | -8 | -3 | 15 | 41 | 69 | 96 | 115 | 126 | 128 | 123 | 114 | 106 | 2144 | 89.3 | | 4:23 | 156 | 19:44 | 128 | * | * | * | * | 12: 4 | -8 | 23:57 | 103 | * | * | * | * |
| 8 | 103 | 107 | 118 | 133 | 145 | 152 | 148 | 133 | 108 | 79 | 48 | 23 | 6 | 1 | 9 | 27 | 50 | 76 | 98 | 115 | 123 | 123 | 118 | 110 | 2153 | 89.7 | | 5: 9 | 152 | 20:34 | 124 | * | * | * | * | 12:52 | 1 | * | * | * | * | * | * |
| 9 | 103 | 100 | 105 | 115 | 128 | 139 | 143 | 138 | 124 | 102 | 76 | 51 | 29 | 17 | 15 | 23 | 40 | 61 | 83 | 102 | 115 | 121 | 120 | 114 | 2164 | 90.2 | | 6: 0 | 143 | 21:20 | 121 | * | * | * | * | 0:50 | 100 | 13:41 | 14 | * | * | * | * |
| 10 | 105 | 98 | 95 | 99 | 107 | 118 | 127 | 130 | 127 | 115 | 98 | 77 | 57 | 40 | 31 | 30 | 39 | 54 | 72 | 91 | 107 | 118 | 121 | 119 | 2175 | 90.6 | | 7: 1 | 130 | 22: 2 | 121 | * | * | * | * | 1:56 | 95 | 14:32 | 29 | * | * | * | * |
| 11 | 111 | 100 | 91 | 87 | 88 | 94 | 103 | 111 | 116 | 115 | 109 | 97 | 81 | 66 | 53 | 46 | 47 | 55 | 68 | 85 | 101 | 115 | 122 | 124 | 2185 | 91.0 | L | 8:23 | 117 | 22:40 | 124 | * | * | * | * | 3:18 | 87 | 15:26 | 46 | * | * | * | * |
| 12 | 118 | 108 | 95 | 83 | 75 | 73 | 77 | 86 | 95 | 103 | 107 | 106 | 99 | 89 | 77 | 67 | 62 | 63 | 70 | 82 | 97 | 112 | 123 | 128 | 2195 | 91.5 | | 10:14 | 107 | 23:16 | 129 | * | * | * | * | 4:47 | 73 | 16:24 | 62 | * | * | * | * |
| 13 | 127 | 118 | 103 | 87 | 71 | 60 | 56 | 60 | 69 | 82 | 94 | 103 | 107 | 105 | 98 | 89 | 81 | 76 | 77 | 83 | 95 | 109 | 122 | 132 | 2204 | 91.8 | | 12:10 | 107 | 23:51 | 134 | * | * | * | * | 6: 3 | 56 | 17:25 | 76 | * | * | * | * |
| 14 | 134 | 129 | 116 | 98 | 77 | 58 | 44 | 39 | 43 | 56 | 72 | 89 | 103 | 111 | 113 | 108 | 100 | 92 | 87 | 88 | 95 | 107 | 120 | 132 | 2211 | 92.1 | | 13:41 | 113 | * | * | * | * | 7: 2 | 39 | 18:25 | 87 | * | * | * | * | | |
| 15 | 139 | 139 | 129 | 112 | 89 | 65 | 43 | 28 | 24 | 32 | 48 | 69 | 91 | 108 | 118 | 121 | 117 | 109 | 101 | 96 | 97 | 104 | 116 | 130 | 2225 | 92.7 | | 0:27 | 140 | 14:49 | 121 | * | * | * | * | 7:50 | 24 | 19:21 | 95 | * | * | * | * |
| 16 | 141 | 145 | 141 | 127 | 106 | 79 | 51 | 28 | 15 | 14 | 26 | 47 | 72 | 96 | 115 | 126 | 128 | 122 | 114 | 105 | 100 | 103 | 111 | 124 | 2236 | 93.2 | | 1: 4 | 145 | 15:43 | 128 | * | * | * | * | 8:34 | 13 | 20:12 | 100 | * | * | * | * |
| 17 | 138 | 147 | 149 | 141 | 123 | 97 | 67 | 38 | 16 | 6 | 10 | 26 | 51 | 79 | 105 | 123 | 132 | 132 | 125 | 115 | 106 | 103 | 107 | 117 | 2253 | 93.9 | | 1:42 | 149 | 16:27 | 133 | * | * | * | * | 9:14 | 6 | 20:58 | 103 | * | * | * | * |
| 18 | 131 | 144 | 151 | 150 | 137 | 115 | 87 | 55 | 27 | 8 | 2 | 11 | 32 | 60 | 89 | 113 | 129 | 135 | 132 | 123 | 112 | 104 | 103 | 110 | 2260 | 94.2 | N | 2:21 | 152 | 17: 7 | 135 | * | * | * | * | 9:53 | 2 | 21:40 | 103 | * | * | * | * |
| 19 | 122 | 137 | 149 | 153 | 148 | 132 | 106 | 75 | 44 | 19 | 4 | 4 | 18 | 42 | 71 | 99 | 120 | 132 | 134 | 128 | 118 | 108 | 102 | 103 | 2268 | 94.5 | | 3: 0 | 153 | 17:43 | 135 | * | * | * | * | 10:31 | 2 | 22:19 | 101 | * | * | * | * |
| 20 | 112 | 127 | 141 | 151 | 153 | 143 | 123 | 95 | 64 | 35 | 14 | 5 | 10 | 28 | 54 | 82 | 107 | 125 | 133 | 131 | 123 | 112 | 103 | 99 | 2270 | 94.6 | | 3:38 | 153 | 18:18 | 133 | * | * | * | * | 11: 8 | 5 | 22:57 | 99 | * | * | * | * |
| 21 | 104 | 115 | 130 | 144 | 151 | 149 | 135 | 113 | 84 | 54 | 29 | 13 | 10 | 20 | 40 | 67 | 93 | 114 | 127 | 130 | 125 | 116 | 105 | 98 | 2266 | 94.4 | | 4:17 | 151 | 18:52 | 130 | * | * | * | * | 11:45 | 10 | 23:35 | 97 | * | * | * | * |
| 22 | 98 | 105 | 118 | 132 | 143 | 147 | 141 | 125 | 101 | 73 | 47 | 27 | 17 | 19 | 32 | 54 | 79 | 102 | 119 | 127 | 127 | 119 | 109 | 100 | 2261 | 94.2 | | 4:55 | 147 | 19:25 | 128 | * | * | * | * | 12:20 | 16 | * | * | * | * | * | * |
| 23 | 95 | 97 | 105 | 118 | 131 | 139 | 140 | 131 | 114 | 90 | 65 | 43 | 29 | 24 | 30 | 46 | 68 | 91 | 110 | 122 | 126 | 123 | 114 | 103 | 2254 | 93.9 | | 5:34 | 141 | 19:59 | 126 | * | * | * | * | 0:15 | 95 | 12:55 | 24 | * | * | * | * |
| 24 | 95 | 92 | 96 | 105 | 116 | 126 | 132 | 130 | 120 | 103 | 82 | 61 | 44 | 34 | 34 | 44 | 61 | 81 | 101 | 116 | 125 | 125 | 119 | 109 | 2251 | 93.8 | | 6:15 | 132 | 20:32 | 126 | * | * | * | * | 0:59 | 92 | 13:30 | 33 | * | * | * | * |
| 25 | 99 | 91 | 89 | 93 | 101 | 110 | 118 | 121 | 119 | 109 | 94 | 77 | 61 | 49 | 44 | 47 | 59 | 75 | 94 | 110 | 122 | 126 | 123 | 115 | 2246 | 93.6 | | 7: 4 | 121 | 21: 5 | 126 | * | * | * | * | 1:52 | 89 | 14: 6 | 44 | * | * | * | * |
| 26 | 104 | 94 | 87 | 84 | 87 | 93 | 101 | 108 | 111 | 109 | 102 | 91 | 78 | 66 | 58 | 57 | 62 | 73 | 88 | 104 | 118 | 126 | 127 | 122 | 2250 | 93.8 | U | 8:11 | 111 | 21:39 | 128 | * | * | * | * | 2:57 | 84 | 14:47 | 56 | * | * | * | * |
| 27 | 111 | 99 | 88 | 80 | 76 | 77 | 82 | 90 | 97 | 102 | 103 | 100 | 94 | 85 | 76 | 71 | 70 | 75 | 86 | 100 | 114 | 125 | 130 | 128 | 2259 | 94.1 | | 9:48 | 104 | 22:14 | 130 | * | * | * | * | 4:15 | 76 | 15:36 | 70 | * | * | * | * |
| 28 | 120 | 107 | 93 | 80 | 70 | 64 | 64 | 69 | 78 | 88 | 97 | 103 | 104 | 101 | 95 | 89 | 84 | 84 | 88 | 97 | 110 | 122 | 131 | 134 | 2272 | 94.7 | | 11:48 | 104 | 22:52 | 134 | * | * | * | * | 5:31 | 63 | 16:39 | 83 | * | * | * | * |
| 29 | 129 | 118 | 103 | 85 | 69 | 56 | 49 | 49 | 56 | 68 | 82 | 96 | 107 | 112 | 112 | 108 | 102 | 97 | 95 | 99 | 107 | 119 | 130 | 137 | 2285 | 95.2 | | 13:29 | 113 | 23:34 | 138 | * | * | * | * | 6:31 | 48 | 17:51 | 95 | * | * | * | * |
| 30 | 138 | 130 | 116 | 97 | 75 | 56 | 40 | 33 | 34 | 44 | 61 | 80 | 99 | 114 | 123 | 124 | 120 | 113 | 107 | 104 | 107 | 116 | 127 | 138 | 2296 | 95.7 | | 14:43 | 124 | * | * | * | * | 7:22 | 32 | 19: 0 | 104 | * | * | * | * | | |

| N 総回数 | Sum 推算月合計 | Mean 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 | 66415 | 92.2 | 6日3時41分 | 157 | 1 | 6日11時19分 | -14 | 2 |

推算潮位（毎時・満干潮）

地点名：塩釜

緯度：38 °19 N 経度：141 °2 E

潮位表基準面の零点：平均海面下 92.0(cm)

2023 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 | | |
| 1 | 144 | 142 | 132 | 113 | 90 | 64 | 41 | 24 | 17 | 21 | 35 | 57 | 82 | 105 | 123 | 133 | 134 | 129 | 121 | 113 | 110 | 114 | 123 | 135 | 2302 | 95.9 | | 0:19 | 144 | 15:42 | 134 | * | * | * | * | 8: 9 | 17 | 19:59 | 110 | * | * | * | * |
| 2 | 146 | 151 | 147 | 133 | 111 | 83 | 53 | 27 | 10 | 4 | 12 | 30 | 56 | 85 | 111 | 130 | 140 | 141 | 134 | 124 | 116 | 113 | 118 | 129 | 2304 | 96.0 | | 1: 6 | 151 | 16:33 | 141 | * | * | * | * | 8:55 | 4 | 20:51 | 113 | * | * | * | * |
| 3 | 143 | 154 | 158 | 152 | 134 | 107 | 75 | 43 | 15 | -1 | -4 | 7 | 30 | 59 | 91 | 118 | 136 | 144 | 143 | 134 | 123 | 115 | 114 | 121 | 2311 | 96.3 | F | 1:56 | 158 | 17:19 | 145 | * | * | * | * | 9:42 | -5 | 21:39 | 114 | * | * | * | * |
| 4 | 134 | 149 | 161 | 163 | 154 | 134 | 103 | 68 | 34 | 7 | -7 | -7 | 8 | 34 | 66 | 97 | 123 | 139 | 145 | 140 | 130 | 119 | 112 | 112 | 2318 | 96.6 | | 2:45 | 164 | 18: 2 | 145 | * | * | * | * | 10:28 | # -9 | 22:24 | 111 | * | * | * | * |
| 5 | 122 | 137 | 154 | 165 | 166 | 154 | 131 | 98 | 62 | 29 | 4 | -7 | -3 | 15 | 43 | 75 | 104 | 127 | 140 | 142 | 135 | 123 | 111 | 106 | 2333 | 97.2 | | 3:35 | #167 | 18:41 | 142 | * | * | * | * | 11:14 | -8 | 23: 9 | 106 | * | * | * | * |
| 6 | 109 | 121 | 138 | 155 | 165 | 164 | 151 | 125 | 93 | 58 | 27 | 6 | -1 | 7 | 28 | 56 | 86 | 112 | 131 | 139 | 137 | 127 | 113 | 102 | 2349 | 97.9 | | 4:26 | 166 | 19:16 | 139 | * | * | * | * | 11:58 | -1 | 23:57 | 98 | * | * | * | * |
| 7 | 98 | 104 | 117 | 135 | 151 | 160 | 157 | 143 | 118 | 87 | 56 | 30 | 14 | 12 | 24 | 45 | 72 | 99 | 121 | 134 | 137 | 130 | 117 | 103 | 2364 | 98.5 | | 5:18 | 160 | 19:47 | 137 | * | * | * | * | 12:39 | 11 | * | * | * | * | * | * |
| 8 | 93 | 90 | 97 | 111 | 128 | 142 | 149 | 146 | 132 | 110 | 83 | 57 | 38 | 28 | 31 | 44 | 66 | 90 | 112 | 129 | 136 | 134 | 123 | 109 | 2378 | 99.1 | | 6:13 | 150 | 20:15 | 136 | * | * | * | * | 0:48 | 90 | 13:17 | 28 | * | * | * | * |
| 9 | 94 | 83 | 81 | 88 | 101 | 116 | 129 | 135 | 133 | 121 | 103 | 82 | 63 | 50 | 46 | 52 | 67 | 87 | 107 | 125 | 135 | 137 | 130 | 117 | 2382 | 99.3 | | 7:14 | 135 | 20:42 | 138 | * | * | * | * | 1:45 | 81 | 13:53 | 46 | * | * | * | * |
| 10 | 101 | 85 | 75 | 72 | 77 | 88 | 101 | 113 | 120 | 119 | 112 | 99 | 85 | 73 | 66 | 66 | 74 | 88 | 105 | 122 | 135 | 140 | 137 | 127 | 2380 | 99.2 | L | 8:26 | 121 | 21:10 | 140 | * | * | * | * | 2:50 | 72 | 14:28 | 65 | * | * | * | * |
| 11 | 112 | 94 | 78 | 66 | 62 | 65 | 74 | 86 | 98 | 106 | 109 | 107 | 101 | 93 | 86 | 83 | 85 | 93 | 106 | 120 | 133 | 141 | 143 | 137 | 2378 | 99.1 | | 10: 1 | 109 | 21:43 | 143 | * | * | * | * | 4: 4 | 62 | 15: 5 | 83 | * | * | * | * |
| 12 | 125 | 108 | 89 | 71 | 58 | 51 | 52 | 60 | 72 | 86 | 97 | 104 | 107 | 106 | 103 | 100 | 98 | 101 | 107 | 118 | 129 | 139 | 144 | 144 | 2369 | 98.7 | | 12:13 | 107 | 22:23 | 145 | * | * | * | * | 5:22 | 51 | 15:54 | 98 | * | * | * | * |
| 13 | 136 | 123 | 105 | 85 | 65 | 50 | 41 | 41 | 49 | 63 | 79 | 93 | 105 | 112 | 115 | 114 | 112 | 110 | 111 | 116 | 124 | 134 | 142 | 146 | 2371 | 98.8 | | 14:11 | 115 | 23:15 | 146 | * | * | * | * | 6:31 | 40 | 17:13 | 110 | * | * | * | * |
| 14 | 145 | 136 | 122 | 102 | 80 | 58 | 41 | 31 | 32 | 41 | 58 | 77 | 96 | 111 | 121 | 124 | 124 | 120 | 116 | 116 | 119 | 127 | 136 | 144 | 2377 | 99.0 | | 15:15 | 125 | * | * | * | * | 7:28 | 30 | 18:43 | 115 | * | * | * | * | | |
| 15 | 148 | 146 | 137 | 121 | 99 | 75 | 51 | 32 | 23 | 26 | 39 | 58 | 81 | 103 | 120 | 130 | 132 | 129 | 123 | 117 | 116 | 119 | 127 | 136 | 2388 | 99.5 | | 0:15 | 148 | 15:55 | 132 | * | * | * | * | 8:17 | 23 | 19:54 | 115 | * | * | * | * |
| 16 | 145 | 150 | 148 | 138 | 119 | 95 | 67 | 42 | 24 | 18 | 24 | 40 | 64 | 90 | 112 | 129 | 137 | 136 | 130 | 121 | 114 | 113 | 117 | 126 | 2399 | 100.0 | | 1:15 | 150 | 16:28 | 137 | * | * | * | * | 9: 1 | 18 | 20:49 | 112 | * | * | * | * |
| 17 | 138 | 149 | 154 | 150 | 137 | 115 | 88 | 59 | 34 | 18 | 16 | 26 | 47 | 73 | 100 | 122 | 136 | 140 | 136 | 127 | 116 | 109 | 109 | 116 | 2415 | 100.6 | | 2: 8 | 154 | 16:58 | 140 | * | * | * | * | 9:42 | 15 | 21:34 | 108 | * | * | * | * |
| 18 | 128 | 142 | 153 | 157 | 150 | 134 | 108 | 78 | 49 | 26 | 15 | 17 | 33 | 57 | 86 | 112 | 131 | 140 | 140 | 132 | 120 | 109 | 103 | 106 | 2426 | 101.1 | N | 2:54 | 157 | 17:26 | 141 | * | * | * | * | 10:20 | 14 | 22:13 | 103 | * | * | * | * |
| 19 | 116 | 131 | 146 | 156 | 157 | 147 | 127 | 98 | 67 | 40 | 21 | 15 | 24 | 44 | 71 | 99 | 122 | 137 | 141 | 136 | 124 | 111 | 101 | 98 | 2429 | 101.2 | | 3:36 | 158 | 17:54 | 141 | * | * | * | * | 10:55 | 15 | 22:49 | 98 | * | * | * | * |
| 20 | 104 | 118 | 135 | 150 | 157 | 154 | 140 | 116 | 86 | 57 | 33 | 20 | 21 | 35 | 59 | 87 | 112 | 131 | 140 | 138 | 128 | 114 | 101 | 94 | 2430 | 101.3 | | 4:15 | 158 | 18:20 | 141 | * | * | * | * | 11:27 | 19 | 23:25 | 93 | * | * | * | * |
| 21 | 95 | 104 | 120 | 137 | 150 | 154 | 147 | 129 | 103 | 74 | 48 | 30 | 24 | 32 | 51 | 76 | 103 | 124 | 137 | 140 | 132 | 119 | 104 | 93 | 2426 | 101.1 | | 4:53 | 154 | 18:44 | 140 | * | * | * | * | 11:57 | 24 | * | * | * | * | * | * |
| 22 | 88 | 93 | 105 | 122 | 137 | 147 | 147 | 136 | 116 | 91 | 65 | 44 | 34 | 35 | 48 | 69 | 95 | 117 | 133 | 140 | 136 | 124 | 109 | 94 | 2425 | 101.0 | | 5:31 | 148 | 19: 7 | 140 | * | * | * | * | 0: 1 | 88 | 12:25 | 32 | * | * | * | * |
| 23 | 85 | 84 | 91 | 105 | 121 | 133 | 139 | 136 | 124 | 104 | 81 | 61 | 47 | 43 | 50 | 66 | 89 | 111 | 129 | 139 | 139 | 130 | 115 | 98 | 2420 | 100.8 | | 6:11 | 140 | 19:30 | 140 | * | * | * | * | 0:38 | 83 | 12:52 | 43 | * | * | * | * |
| 24 | 85 | 79 | 80 | 89 | 102 | 116 | 126 | 130 | 125 | 113 | 96 | 77 | 63 | 55 | 57 | 68 | 86 | 106 | 125 | 137 | 141 | 135 | 122 | 105 | 2418 | 100.8 | | 6:58 | 130 | 19:53 | 141 | * | * | * | * | 1:19 | 78 | 13:20 | 55 | * | * | * | * |
| 25 | 89 | 78 | 73 | 76 | 85 | 97 | 108 | 117 | 120 | 116 | 106 | 93 | 80 | 72 | 69 | 74 | 87 | 103 | 120 | 134 | 141 | 139 | 129 | 114 | 2420 | 100.8 | | 7:55 | 120 | 20:18 | 142 | * | * | * | * | 2: 7 | 73 | 13:50 | 69 | * | * | * | * |
| 26 | 96 | 81 | 71 | 67 | 70 | 77 | 88 | 98 | 107 | 111 | 110 | 104 | 97 | 90 | 85 | 86 | 92 | 103 | 117 | 130 | 140 | 142 | 136 | 124 | 2422 | 100.9 | U | 9:16 | 111 | 20:48 | 142 | * | * | * | * | 3: 5 | 67 | 14:24 | 85 | * | * | * | * |
| 27 | 107 | 90 | 75 | 64 | 59 | 61 | 67 | 77 | 88 | 98 | 105 | 109 | 109 | 106 | 103 | 101 | 102 | 107 | 116 | 127 | 137 | 143 | 142 | 134 | 2427 | 101.1 | | 11:26 | 109 | 21:25 | 143 | * | * | * | * | 4:18 | 59 | 15:10 | 101 | * | * | * | * |
| 28 | 121 | 104 | 86 | 69 | 57 | 50 | 49 | 54 | 65 | 78 | 92 | 104 | 112 | 117 | 118 | 117 | 116 | 115 | 118 | 124 | 133 | 140 | 145 | 143 | 2427 | 101.1 | | 13:56 | 118 | 22:15 | 145 | * | * | * | * | 5:39 | 48 | 16:37 | 115 | * | * | * | * |
| 29 | 135 | 121 | 103 | 84 | 64 | 48 | 38 | 35 | 41 | 53 | 70 | 88 | 106 | 119 | 128 | 131 | 130 | 127 | 124 | 124 | 128 | 136 | 143 | 148 | 2424 | 101.0 | | 15: 9 | 131 | 23:24 | 148 | * | * | * | * | 6:50 | 35 | 18:27 | 123 | * | * | * | * |
| 30 | 147 | 140 | 125 | 105 | 82 | 59 | 39 | 26 | 22 | 29 | 44 | 65 | 89 | 111 | 128 | 138 | 141 | 138 | 132 | 126 | 125 | 129 | 137 | 146 | 2423 | 101.0 | | 15:54 | 141 | * | * | * | * | 7:51 | 22 | 19:46 | 125 | * | * | * | * | | |
| 31 | 153 | 154 | 147 | 131 | 108 | 80 | 52 | 29 | 14 | 11 | 20 | 39 | 65 | 93 | 118 | 137 | 146 | 146 | 140 | 130 | 123 | 122 | 127 | 137 | 2422 | 100.9 | | 0:40 | 154 | 16:31 | 147 | * | * | * | * | 8:45 | 10 | 20:44 | 121 | * | * | * | * |

| 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 | 74057 | 99.5 | 5日3時35分 | 167 | 1 | 4日10時28分 | -9 | 1 |

推算潮位（毎時・満干潮）

地点名：塩釜

緯度：38°19' N

経度：141°2' E

潮位表基準面の零点：平均海面下 92.0(cm)

2023 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 | | |
| 1 | 150 | 160 | 162 | 155 | 137 | 110 | 77 | 45 | 19 | 5 | 4 | 16 | 40 | 70 | 101 | 127 | 144 | 150 | 146 | 136 | 124 | 116 | 115 | 123 | 2432 | 101.3 | | 1:47 | 163 | 17: 5 | 150 | * | * | * | * | 9:34 | 2 | 21:33 | 114 | * | * | * | * |
| 2 | 138 | 154 | 167 | 170 | 161 | 140 | 109 | 73 | 39 | 13 | 1 | 3 | 20 | 48 | 81 | 112 | 135 | 148 | 149 | 140 | 126 | 112 | 105 | 107 | 2451 | 102.1 | F | 2:47 | 170 | 17:35 | 150 | * | * | * | * | 10:20 | #0 | 22:18 | 104 | * | * | * | * |
| 3 | 119 | 138 | 157 | 171 | 173 | 162 | 138 | 105 | 68 | 35 | 12 | 4 | 11 | 33 | 63 | 96 | 124 | 143 | 150 | 144 | 130 | 113 | 98 | 92 | 2479 | 103.3 | | 3:41 | #174 | 18: 2 | 150 | * | * | * | * | 11: 1 | 4 | 23: 1 | 92 | * | * | * | * |
| 4 | 98 | 114 | 136 | 157 | 170 | 171 | 158 | 132 | 98 | 64 | 35 | 17 | 15 | 28 | 53 | 84 | 113 | 136 | 148 | 147 | 135 | 117 | 97 | 84 | 2507 | 104.5 | | 4:33 | 172 | 18:26 | 149 | * | * | * | * | 11:38 | 14 | 23:46 | 80 | * | * | * | * |
| 5 | 80 | 90 | 109 | 132 | 152 | 164 | 163 | 148 | 123 | 92 | 62 | 40 | 30 | 34 | 52 | 78 | 106 | 130 | 146 | 149 | 141 | 124 | 102 | 83 | 2530 | 105.4 | | 5:25 | 165 | 18:48 | 150 | * | * | * | * | 12:12 | 29 | * | * | * | * | * | * |
| 6 | 71 | 71 | 82 | 102 | 125 | 143 | 152 | 150 | 135 | 113 | 87 | 65 | 51 | 48 | 58 | 78 | 103 | 126 | 144 | 151 | 147 | 132 | 112 | 89 | 2535 | 105.6 | | 6:18 | 153 | 19: 9 | 151 | * | * | * | * | 0:32 | 69 | 12:42 | 48 | * | * | * | * |
| 7 | 71 | 61 | 63 | 76 | 94 | 114 | 130 | 137 | 134 | 122 | 105 | 87 | 73 | 66 | 70 | 84 | 104 | 124 | 142 | 152 | 152 | 141 | 123 | 101 | 2526 | 105.3 | | 7:13 | 137 | 19:30 | 153 | * | * | * | * | 1:20 | 61 | 13: 8 | 66 | * | * | * | * |
| 8 | 80 | 63 | 56 | 58 | 69 | 85 | 102 | 115 | 122 | 120 | 112 | 102 | 91 | 85 | 85 | 93 | 106 | 123 | 139 | 151 | 154 | 149 | 135 | 115 | 2510 | 104.6 | L | 8:18 | 122 | 19:54 | 154 | * | * | * | * | 2:15 | 55 | 13:30 | 84 | * | * | * | * |
| 9 | 94 | 75 | 60 | 53 | 54 | 63 | 76 | 90 | 102 | 109 | 111 | 108 | 104 | 100 | 99 | 102 | 111 | 122 | 135 | 146 | 152 | 152 | 143 | 129 | 2490 | 103.8 | | 9:47 | 111 | 20:23 | 153 | * | * | * | * | 3:19 | 53 | 13:47 | 99 | * | * | * | * |
| 10 | 111 | 92 | 74 | 60 | 52 | 51 | 56 | 67 | 80 | 92 | 101 | 107 | 110 | 111 | 111 | 113 | 116 | 122 | 131 | 139 | 146 | 150 | 147 | 139 | 2478 | 103.3 | | 21: 3 | 150 | * | * | * | * | 4:38 | 50 | * | * | * | * | * | * | | |
| 11 | 126 | 110 | 93 | 75 | 60 | 50 | 46 | 50 | 59 | 72 | 86 | 99 | 109 | 116 | 120 | 122 | 123 | 124 | 126 | 131 | 137 | 142 | 145 | 143 | 2464 | 102.7 | | 22: 8 | 145 | * | * | * | * | 5:59 | 46 | * | * | * | * | * | * | | |
| 12 | 137 | 127 | 113 | 95 | 76 | 59 | 46 | 41 | 44 | 54 | 69 | 86 | 103 | 116 | 126 | 130 | 130 | 127 | 125 | 124 | 127 | 132 | 138 | 142 | 2467 | 102.8 | | 15:28 | 130 | 23:49 | 143 | * | * | * | * | 7: 8 | 41 | 18:39 | 124 | * | * | * | * |
| 13 | 143 | 140 | 131 | 116 | 97 | 75 | 55 | 40 | 35 | 39 | 52 | 71 | 92 | 111 | 126 | 135 | 136 | 133 | 126 | 120 | 118 | 121 | 127 | 135 | 2474 | 103.1 | | 15:45 | 137 | * | * | * | * | 8: 3 | 35 | 19:59 | 118 | * | * | * | * | | |
| 14 | 143 | 147 | 145 | 135 | 118 | 95 | 70 | 48 | 34 | 30 | 38 | 55 | 78 | 102 | 122 | 136 | 141 | 138 | 130 | 120 | 113 | 110 | 115 | 124 | 2487 | 103.6 | | 1:14 | 147 | 16: 7 | 141 | * | * | * | * | 8:49 | 30 | 20:50 | 110 | * | * | * | * |
| 15 | 136 | 147 | 152 | 150 | 137 | 116 | 89 | 62 | 40 | 28 | 28 | 41 | 63 | 89 | 114 | 133 | 143 | 143 | 135 | 123 | 111 | 103 | 103 | 111 | 2497 | 104.0 | | 2:11 | 153 | 16:30 | 145 | * | * | * | * | 9:28 | 26 | 21:30 | 102 | * | * | * | * |
| 16 | 125 | 141 | 153 | 158 | 151 | 134 | 109 | 79 | 52 | 32 | 25 | 31 | 50 | 76 | 104 | 127 | 142 | 147 | 140 | 127 | 112 | 100 | 95 | 99 | 2509 | 104.5 | N | 2:57 | 158 | 16:53 | 147 | * | * | * | * | 10: 2 | 25 | 22: 4 | 95 | * | * | * | * |
| 17 | 112 | 130 | 147 | 158 | 160 | 149 | 127 | 98 | 68 | 43 | 28 | 27 | 41 | 64 | 93 | 119 | 139 | 147 | 145 | 132 | 115 | 99 | 89 | 88 | 2518 | 104.9 | | 3:36 | 160 | 17:14 | 148 | * | * | * | * | 10:33 | 26 | 22:36 | 87 | * | * | * | * |
| 18 | 97 | 115 | 135 | 152 | 160 | 157 | 141 | 115 | 85 | 57 | 37 | 30 | 37 | 56 | 84 | 112 | 134 | 147 | 148 | 137 | 120 | 101 | 86 | 80 | 2523 | 105.1 | | 4:13 | 160 | 17:34 | 149 | * | * | * | * | 11: 1 | 30 | 23: 8 | 80 | * | * | * | * |
| 19 | 84 | 98 | 119 | 139 | 153 | 157 | 149 | 129 | 102 | 74 | 51 | 38 | 39 | 53 | 77 | 105 | 129 | 145 | 150 | 142 | 126 | 105 | 86 | 75 | 2525 | 105.2 | | 4:50 | 157 | 17:52 | 150 | * | * | * | * | 11:27 | 37 | 23:39 | 72 | * | * | * | * |
| 20 | 73 | 83 | 101 | 122 | 140 | 151 | 150 | 138 | 116 | 90 | 66 | 50 | 46 | 54 | 74 | 99 | 124 | 142 | 150 | 146 | 132 | 111 | 89 | 73 | 2520 | 105.0 | | 5:27 | 152 | 18:10 | 151 | * | * | * | * | 11:51 | 46 | * | * | * | * | * | * |
| 21 | 66 | 70 | 83 | 103 | 123 | 138 | 144 | 140 | 126 | 105 | 83 | 66 | 57 | 60 | 74 | 96 | 120 | 139 | 150 | 150 | 138 | 118 | 95 | 76 | 2520 | 105.0 | | 6: 7 | 144 | 18:28 | 151 | * | * | * | * | 0:11 | 66 | 12:15 | 57 | * | * | * | * |
| 22 | 63 | 61 | 68 | 84 | 103 | 120 | 132 | 135 | 129 | 115 | 98 | 82 | 72 | 71 | 79 | 96 | 116 | 135 | 148 | 151 | 143 | 126 | 104 | 82 | 2513 | 104.7 | | 6:51 | 135 | 18:48 | 151 | * | * | * | * | 0:45 | 60 | 12:39 | 70 | * | * | * | * |
| 23 | 65 | 57 | 58 | 68 | 83 | 100 | 114 | 123 | 125 | 120 | 109 | 97 | 88 | 84 | 88 | 99 | 115 | 131 | 145 | 151 | 148 | 135 | 115 | 93 | 2511 | 104.6 | | 7:44 | 125 | 19:10 | 151 | * | * | * | * | 1:24 | 56 | 13: 3 | 84 | * | * | * | * |
| 24 | 74 | 60 | 54 | 56 | 65 | 79 | 93 | 105 | 113 | 116 | 114 | 109 | 103 | 100 | 100 | 106 | 116 | 128 | 140 | 148 | 149 | 142 | 127 | 107 | 2504 | 104.3 | U | 9: 0 | 116 | 19:37 | 150 | * | * | * | * | 2:12 | 54 | 13:24 | 99 | * | * | * | * |
| 25 | 87 | 70 | 58 | 53 | 54 | 60 | 71 | 83 | 94 | 104 | 110 | 113 | 114 | 114 | 116 | 121 | 128 | 136 | 144 | 148 | 146 | 137 | 123 | 2498 | 104.1 | | 20:13 | 148 | * | * | * | * | 3:20 | 52 | * | * | * | * | * | * | | | |
| 26 | 106 | 88 | 72 | 59 | 51 | 48 | 51 | 59 | 71 | 84 | 97 | 108 | 117 | 123 | 126 | 127 | 128 | 130 | 133 | 138 | 142 | 145 | 143 | 137 | 2483 | 103.5 | | 21: 9 | 145 | * | * | * | * | 4:57 | 48 | * | * | * | * | * | * | | |
| 27 | 125 | 110 | 93 | 76 | 59 | 47 | 40 | 40 | 47 | 59 | 76 | 94 | 110 | 124 | 134 | 137 | 137 | 134 | 131 | 131 | 134 | 139 | 143 | 145 | 2465 | 102.7 | | 15:19 | 138 | 22:54 | 145 | * | * | * | * | 6:31 | 39 | 18:33 | 131 | * | * | * | * |
| 28 | 142 | 134 | 120 | 101 | 80 | 58 | 41 | 30 | 28 | 36 | 52 | 73 | 96 | 118 | 134 | 143 | 145 | 140 | 132 | 126 | 124 | 127 | 135 | 143 | 2458 | 102.4 | | 15:40 | 145 | * | * | * | * | 7:41 | 28 | 19:52 | 124 | * | * | * | * | | |
| 29 | 150 | 151 | 145 | 130 | 108 | 81 | 55 | 33 | 20 | 19 | 30 | 50 | 77 | 104 | 128 | 144 | 149 | 146 | 135 | 123 | 115 | 113 | 119 | 131 | 2456 | 102.3 | | 0:43 | 152 | 16: 3 | 149 | * | * | * | * | 8:35 | 18 | 20:43 | 113 | * | * | * | * |
| 30 | 146 | 158 | 162 | 156 | 138 | 112 | 80 | 50 | 26 | 14 | 16 | 32 | 57 | 88 | 117 | 139 | 151 | 150 | 140 | 124 | 108 | 99 | 100 | 111 | 2474 | 103.1 | | 1:57 | 162 | 16:27 | 152 | * | * | * | * | 9:21 | 13 | 21:25 | 98 | * | * | * | * |
| 31 | 130 | 150 | 165 | 171 | 163 | 142 | 111 | 77 | 45 | 23 | 15 | 22 | 43 | 73 | 105 | 132 | 149 | 153 | 145 | 127 | 107 | 90 | 82 | 88 | 2508 | 104.5 | F | 2:55 | 171 | 16:49 | 153 | * | * | * | * | 10: 1 | 15 | 22: 6 | 82 | * | * | * | * |

| 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 | 77312 | 103.9 | 3日3時41分 | 174 | 1 | 2日10時20分 | 0 | 1 |

推算潮位 (毎時・満干潮)

地点名: 塩釜

緯度: 38 °19 N

経度: 141 °2 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2023 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 | | |
| 1 | 105 | 129 | 153 | 169 | 174 | 163 | 139 | 107 | 72 | 44 | 26 | 24 | 38 | 64 | 95 | 124 | 146 | 155 | 150 | 134 | 110 | 87 | 71 | 67 | 2546 | 106.1 | | 3:48 | #174 | 17: 9 | 155 | * | * | * | * | 10:37 | # 23 | 22:46 | 66 | * | * | * | * |
| 2 | 77 | 100 | 127 | 153 | 168 | 170 | 157 | 132 | 101 | 70 | 47 | 37 | 42 | 62 | 90 | 119 | 143 | 156 | 155 | 142 | 118 | 91 | 68 | 54 | 2579 | 107.5 | | 4:38 | 171 | 17:28 | 158 | * | * | * | * | 11: 9 | 37 | 23:27 | 53 | * | * | * | * |
| 3 | 55 | 71 | 96 | 125 | 148 | 162 | 161 | 146 | 122 | 95 | 71 | 56 | 54 | 66 | 89 | 116 | 140 | 156 | 160 | 150 | 129 | 101 | 74 | 53 | 2596 | 108.2 | | 5:27 | 163 | 17:47 | 160 | * | * | * | * | 11:38 | 53 | * | * | * | * | | |
| 4 | 44 | 49 | 67 | 93 | 120 | 140 | 150 | 147 | 133 | 113 | 92 | 77 | 70 | 76 | 93 | 115 | 138 | 155 | 162 | 157 | 140 | 115 | 86 | 61 | 2593 | 108.0 | | 6:17 | 151 | 18: 6 | 162 | * | * | * | * | 0: 8 | 43 | 12: 2 | 70 | * | * | * | * |
| 5 | 44 | 39 | 48 | 67 | 90 | 113 | 130 | 136 | 133 | 122 | 107 | 94 | 87 | 88 | 98 | 116 | 136 | 152 | 162 | 161 | 149 | 128 | 102 | 76 | 2578 | 107.4 | | 7: 8 | 137 | 18:26 | 163 | * | * | * | * | 0:51 | 39 | 12:23 | 86 | * | * | * | * |
| 6 | 55 | 42 | 41 | 50 | 67 | 87 | 105 | 118 | 123 | 120 | 113 | 106 | 100 | 99 | 105 | 117 | 132 | 147 | 157 | 160 | 154 | 138 | 117 | 94 | 2547 | 106.1 | | 8: 8 | 123 | 18:50 | 160 | * | * | * | * | 1:38 | 40 | 12:39 | 99 | * | * | * | * |
| 7 | 73 | 56 | 46 | 46 | 53 | 66 | 82 | 96 | 107 | 112 | 113 | 111 | 109 | 109 | 112 | 118 | 129 | 140 | 149 | 154 | 153 | 144 | 129 | 111 | 2518 | 104.9 | L | 9:39 | 113 | 19:18 | 154 | * | * | * | * | 2:34 | 45 | 12:39 | 109 | * | * | * | * |
| 8 | 92 | 75 | 61 | 53 | 51 | 55 | 64 | 76 | 88 | 99 | 106 | 111 | 114 | 116 | 118 | 122 | 126 | 132 | 139 | 144 | 146 | 143 | 135 | 124 | 2490 | 103.8 | | 19:56 | 146 | * | * | * | * | 3:49 | 51 | * | * | * | * | | | | |
| 9 | 111 | 96 | 82 | 68 | 58 | 53 | 54 | 60 | 70 | 83 | 95 | 106 | 115 | 121 | 125 | 126 | 127 | 127 | 129 | 132 | 134 | 136 | 135 | 131 | 2474 | 103.1 | | 21: 9 | 136 | * | * | * | * | 5:24 | 53 | * | * | * | * | | | | |
| 10 | 125 | 116 | 103 | 88 | 73 | 60 | 52 | 50 | 55 | 66 | 81 | 97 | 111 | 123 | 130 | 132 | 130 | 126 | 122 | 120 | 121 | 124 | 128 | 132 | 2465 | 102.7 | | 14:56 | 132 | 23:54 | 133 | * | * | * | * | 6:44 | 50 | 19: 9 | 120 | * | * | * | * |
| 11 | 133 | 131 | 123 | 110 | 92 | 74 | 57 | 47 | 45 | 52 | 66 | 84 | 104 | 121 | 133 | 138 | 135 | 128 | 120 | 112 | 109 | 111 | 117 | 126 | 2468 | 102.8 | | 15: 9 | 138 | * | * | * | * | 7:42 | 45 | 20: 7 | 109 | * | * | * | * | | |
| 12 | 134 | 139 | 138 | 129 | 113 | 91 | 69 | 51 | 41 | 42 | 53 | 71 | 94 | 116 | 133 | 142 | 141 | 133 | 121 | 109 | 100 | 98 | 104 | 115 | 2477 | 103.2 | | 1:21 | 140 | 15:28 | 142 | * | * | * | * | 8:27 | 40 | 20:45 | 98 | * | * | * | * |
| 13 | 129 | 141 | 147 | 145 | 132 | 111 | 85 | 61 | 44 | 37 | 43 | 59 | 82 | 108 | 129 | 143 | 146 | 139 | 125 | 109 | 95 | 88 | 90 | 101 | 2489 | 103.7 | | 2:13 | 148 | 15:47 | 146 | * | * | * | * | 9: 3 | 37 | 21:18 | 87 | * | * | * | * |
| 14 | 118 | 136 | 149 | 154 | 147 | 129 | 104 | 76 | 53 | 39 | 38 | 50 | 72 | 99 | 124 | 142 | 149 | 145 | 131 | 112 | 93 | 80 | 77 | 85 | 2502 | 104.3 | | 2:55 | 154 | 16: 6 | 149 | * | * | * | * | 9:35 | 37 | 21:48 | 77 | * | * | * | * |
| 15 | 102 | 124 | 143 | 155 | 156 | 144 | 121 | 94 | 67 | 47 | 40 | 46 | 65 | 91 | 118 | 140 | 151 | 149 | 137 | 116 | 94 | 76 | 67 | 70 | 2513 | 104.7 | N | 3:33 | 157 | 16:24 | 152 | * | * | * | * | 10: 3 | 40 | 22:16 | 67 | * | * | * | * |
| 16 | 85 | 107 | 131 | 150 | 158 | 153 | 136 | 111 | 83 | 60 | 47 | 47 | 61 | 85 | 112 | 136 | 151 | 153 | 143 | 122 | 98 | 75 | 61 | 58 | 2523 | 105.1 | | 4: 9 | 158 | 16:40 | 154 | * | * | * | * | 10:29 | 45 | 22:44 | 57 | * | * | * | * |
| 17 | 67 | 88 | 113 | 137 | 152 | 156 | 146 | 126 | 100 | 76 | 59 | 53 | 62 | 82 | 108 | 133 | 150 | 156 | 148 | 129 | 104 | 78 | 58 | 49 | 2530 | 105.4 | | 4:46 | 156 | 16:56 | 156 | * | * | * | * | 10:54 | 53 | 23:13 | 49 | * | * | * | * |
| 18 | 53 | 69 | 93 | 119 | 140 | 151 | 150 | 136 | 115 | 92 | 74 | 64 | 67 | 81 | 104 | 129 | 148 | 157 | 153 | 137 | 112 | 84 | 60 | 45 | 2533 | 105.5 | | 5:24 | 152 | 17:13 | 157 | * | * | * | * | 11:18 | 63 | 23:42 | 42 | * | * | * | * |
| 19 | 43 | 53 | 73 | 98 | 122 | 139 | 145 | 140 | 126 | 107 | 89 | 78 | 75 | 84 | 103 | 125 | 144 | 156 | 156 | 144 | 121 | 93 | 67 | 47 | 2528 | 105.3 | | 6: 4 | 145 | 17:31 | 157 | * | * | * | * | 11:42 | 75 | * | * | * | * | | |
| 20 | 38 | 42 | 56 | 78 | 101 | 121 | 134 | 137 | 131 | 118 | 104 | 92 | 87 | 91 | 104 | 122 | 140 | 153 | 157 | 149 | 131 | 105 | 78 | 56 | 2525 | 105.2 | | 6:49 | 137 | 17:51 | 157 | * | * | * | * | 0:14 | 38 | 12: 5 | 87 | * | * | * | * |
| 21 | 41 | 37 | 45 | 60 | 80 | 100 | 116 | 125 | 127 | 122 | 114 | 105 | 100 | 101 | 108 | 121 | 136 | 148 | 155 | 152 | 139 | 118 | 93 | 70 | 2513 | 104.7 | | 7:44 | 127 | 18:14 | 155 | * | * | * | * | 0:50 | 37 | 12:26 | 100 | * | * | * | * |
| 22 | 52 | 42 | 41 | 48 | 62 | 78 | 94 | 107 | 115 | 118 | 117 | 114 | 112 | 111 | 115 | 122 | 132 | 142 | 150 | 151 | 144 | 130 | 110 | 89 | 2496 | 104.0 | | 9: 9 | 118 | 18:41 | 151 | * | * | * | * | 1:36 | 40 | 12:38 | 111 | * | * | * | * |
| 23 | 70 | 55 | 47 | 45 | 50 | 59 | 71 | 84 | 96 | 106 | 112 | 117 | 120 | 121 | 123 | 126 | 131 | 137 | 142 | 145 | 144 | 137 | 125 | 109 | 2472 | 103.0 | U | 19:17 | 145 | * | * | * | * | 2:43 | 45 | * | * | * | * | | | | |
| 24 | 92 | 76 | 62 | 53 | 48 | 48 | 53 | 62 | 74 | 87 | 100 | 112 | 121 | 128 | 131 | 132 | 132 | 133 | 136 | 138 | 137 | 133 | 126 | 2446 | 101.9 | | 20:25 | 138 | * | * | * | * | 4:29 | 47 | * | * | * | * | | | | | |
| 25 | 115 | 102 | 87 | 71 | 57 | 47 | 42 | 44 | 52 | 66 | 82 | 100 | 117 | 130 | 137 | 138 | 135 | 129 | 125 | 123 | 125 | 129 | 133 | 135 | 2421 | 100.9 | | 14:41 | 138 | 23:10 | 135 | * | * | * | * | 6:14 | 42 | 18:59 | 123 | * | * | * | * |
| 26 | 134 | 127 | 115 | 98 | 78 | 59 | 43 | 35 | 36 | 46 | 63 | 85 | 107 | 127 | 139 | 143 | 139 | 130 | 119 | 111 | 108 | 112 | 121 | 132 | 2407 | 100.3 | | 14:57 | 143 | * | * | * | * | 7:24 | 35 | 19:52 | 108 | * | * | * | * | | |
| 27 | 141 | 145 | 141 | 127 | 106 | 81 | 57 | 39 | 31 | 33 | 47 | 69 | 95 | 120 | 139 | 147 | 144 | 133 | 117 | 101 | 92 | 91 | 100 | 116 | 2412 | 100.5 | | 1: 1 | 145 | 15:15 | 147 | * | * | * | * | 8:15 | 30 | 20:33 | 90 | * | * | * | * |
| 28 | 134 | 149 | 156 | 152 | 135 | 110 | 82 | 56 | 37 | 31 | 39 | 58 | 84 | 112 | 136 | 149 | 150 | 139 | 119 | 97 | 79 | 71 | 75 | 91 | 2441 | 101.7 | | 2: 7 | 156 | 15:34 | 151 | * | * | * | * | 8:57 | 31 | 21:12 | 71 | * | * | * | * |
| 29 | 114 | 138 | 157 | 164 | 157 | 138 | 110 | 80 | 55 | 40 | 39 | 53 | 77 | 105 | 132 | 150 | 155 | 146 | 126 | 100 | 75 | 57 | 52 | 62 | 2482 | 103.4 | F | 3: 2 | 164 | 15:53 | 155 | * | * | * | * | 9:34 | 38 | 21:49 | 52 | * | * | * | * |
| 30 | 85 | 114 | 142 | 161 | 166 | 157 | 136 | 107 | 79 | 58 | 49 | 55 | 74 | 101 | 128 | 150 | 159 | 155 | 136 | 109 | 78 | 52 | 37 | 38 | 2526 | 105.3 | | 3:52 | 167 | 16:11 | 160 | * | * | * | * | 10: 6 | 49 | 22:27 | 36 | * | * | * | * |

| N 総回数 | Sum 推算月合計 | Mean 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 | 75090 | 104.3 | 1日3時48分 | 174 | 1 | 1日10時37分 | 23 | 1 |

推算潮位 (毎時・満干潮)

地点名: 塩釜

緯度: 38 °19 N

経度: 141 °2 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2023 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 | 55 | 83 | 115 | 143 | 160 | 163 | 151 | 129 | 103 | 80 | 66 | 64 | 77 | 99 | 126 | 148 | 162 | 162 | 147 | 121 | 89 | 58 | 34 | 25 | 2560 | 106.7 | | 4:40 | 164 | 16:30 | 164 | * | * | * | * | 10:36 | 63 | 23:5 | 25 | * | * | * | * |
| 2 | 32 | 54 | 85 | 116 | 141 | 155 | 155 | 142 | 122 | 101 | 84 | 78 | 83 | 101 | 124 | 146 | 162 | 166 | 157 | 134 | 104 | 71 | 42 | 24 | 2579 | 107.5 | | 5:28 | 156 | 16:49 | 166 | * | * | * | * | 11:2 | 78 | 23:43 | 20 | * | * | * | * |
| 3 | 20 | 33 | 57 | 87 | 116 | 136 | 146 | 143 | 131 | 115 | 100 | 91 | 92 | 103 | 122 | 142 | 159 | 167 | 163 | 146 | 119 | 88 | 58 | 34 | 2568 | 107.0 | | 6:15 | 146 | 17:10 | #167 | * | * | * | * | 11:27 | 90 | * | * | * | * | * | * |
| 4 | 22 | 24 | 39 | 63 | 89 | 113 | 129 | 135 | 131 | 122 | 111 | 102 | 100 | 106 | 120 | 137 | 153 | 163 | 163 | 152 | 132 | 105 | 77 | 52 | 2540 | 105.8 | | 7:5 | 135 | 17:33 | 164 | * | * | * | * | 0:22 | 21 | 11:48 | 100 | * | * | * | * |
| 5 | 35 | 28 | 33 | 48 | 68 | 90 | 109 | 120 | 124 | 122 | 116 | 110 | 108 | 110 | 118 | 130 | 144 | 154 | 158 | 153 | 139 | 119 | 95 | 73 | 2504 | 104.3 | | 8:1 | 124 | 17:59 | 158 | * | * | * | * | 1:4 | 28 | 12:7 | 107 | * | * | * | * |
| 6 | 54 | 42 | 38 | 43 | 56 | 72 | 89 | 103 | 112 | 116 | 116 | 115 | 113 | 114 | 118 | 125 | 134 | 142 | 147 | 147 | 140 | 127 | 110 | 92 | 2465 | 102.7 | L | 9:30 | 116 | 18:29 | 148 | * | * | * | * | 1:53 | 38 | 12:18 | 113 | * | * | * | * |
| 7 | 75 | 61 | 52 | 49 | 52 | 60 | 72 | 85 | 97 | 106 | 112 | 116 | 118 | 119 | 120 | 122 | 126 | 130 | 134 | 136 | 134 | 129 | 119 | 108 | 2432 | 101.3 | | 19:6 | 136 | * | * | * | * | 3:0 | 49 | * | * | * | * | * | * | | |
| 8 | 95 | 83 | 71 | 62 | 56 | 56 | 61 | 70 | 82 | 94 | 105 | 114 | 120 | 124 | 124 | 123 | 122 | 121 | 121 | 122 | 123 | 123 | 121 | 117 | 2410 | 100.4 | | 13:47 | 124 | 20:28 | 123 | * | * | * | * | 4:34 | 56 | 17:20 | 121 | * | * | * | * |
| 9 | 111 | 103 | 92 | 79 | 68 | 59 | 56 | 59 | 68 | 80 | 94 | 108 | 120 | 128 | 130 | 127 | 122 | 116 | 111 | 108 | 109 | 112 | 116 | 120 | 2396 | 99.8 | | 13:57 | 130 | 23:57 | 121 | * | * | * | * | 6:2 | 56 | 19:15 | 108 | * | * | * | * |
| 10 | 121 | 119 | 111 | 99 | 84 | 69 | 58 | 53 | 57 | 67 | 83 | 101 | 117 | 130 | 135 | 134 | 126 | 115 | 105 | 97 | 94 | 98 | 105 | 115 | 2393 | 99.7 | | 14:16 | 135 | * | * | * | * | 7:4 | 53 | 19:56 | 94 | * | * | * | * | | |
| 11 | 124 | 129 | 127 | 118 | 102 | 83 | 66 | 54 | 51 | 58 | 72 | 92 | 112 | 129 | 139 | 140 | 132 | 118 | 103 | 89 | 82 | 82 | 90 | 104 | 2396 | 99.8 | | 1:16 | 129 | 14:35 | 141 | * | * | * | * | 7:50 | 51 | 20:27 | 81 | * | * | * | * |
| 12 | 119 | 132 | 137 | 134 | 120 | 101 | 80 | 62 | 52 | 52 | 64 | 83 | 106 | 127 | 141 | 145 | 139 | 124 | 104 | 86 | 72 | 67 | 73 | 88 | 2408 | 100.3 | | 2:6 | 138 | 14:53 | 145 | * | * | * | * | 8:26 | 51 | 20:56 | 67 | * | * | * | * |
| 13 | 108 | 127 | 141 | 144 | 136 | 119 | 96 | 74 | 58 | 53 | 59 | 76 | 100 | 123 | 141 | 149 | 145 | 130 | 109 | 85 | 66 | 55 | 57 | 70 | 2421 | 100.9 | | 2:48 | 144 | 15:10 | 149 | * | * | * | * | 8:58 | 53 | 21:24 | 54 | * | * | * | * |
| 14 | 91 | 116 | 136 | 148 | 148 | 135 | 114 | 91 | 70 | 59 | 59 | 72 | 94 | 119 | 140 | 151 | 151 | 137 | 115 | 88 | 64 | 47 | 42 | 51 | 2438 | 101.6 | | 3:27 | 149 | 15:27 | 153 | * | * | * | * | 9:27 | 57 | 21:51 | 42 | * | * | * | * |
| 15 | 72 | 98 | 125 | 144 | 152 | 147 | 131 | 108 | 86 | 70 | 65 | 72 | 91 | 115 | 137 | 152 | 155 | 145 | 123 | 95 | 66 | 43 | 32 | 35 | 2459 | 102.5 | N | 4:6 | 152 | 15:43 | 156 | * | * | * | * | 9:55 | 64 | 22:19 | 31 | * | * | * | * |
| 16 | 51 | 78 | 107 | 132 | 148 | 152 | 142 | 124 | 103 | 84 | 74 | 76 | 89 | 111 | 134 | 152 | 158 | 152 | 132 | 104 | 73 | 45 | 28 | 23 | 2472 | 103.0 | | 4:45 | 152 | 16:2 | 158 | * | * | * | * | 10:22 | 73 | 22:47 | 23 | * | * | * | * |
| 17 | 34 | 56 | 86 | 114 | 137 | 148 | 147 | 136 | 118 | 99 | 86 | 83 | 91 | 108 | 130 | 149 | 159 | 157 | 142 | 116 | 84 | 53 | 30 | 19 | 2482 | 103.4 | | 5:25 | 149 | 16:21 | 160 | * | * | * | * | 10:49 | 83 | 23:18 | 18 | * | * | * | * |
| 18 | 22 | 38 | 64 | 93 | 118 | 136 | 143 | 140 | 128 | 113 | 100 | 93 | 95 | 107 | 125 | 144 | 157 | 160 | 150 | 128 | 98 | 67 | 40 | 22 | 2481 | 103.4 | | 6:9 | 144 | 16:43 | 160 | * | * | * | * | 11:16 | 92 | 23:52 | 17 | * | * | * | * |
| 19 | 17 | 26 | 45 | 70 | 96 | 118 | 131 | 136 | 131 | 122 | 111 | 103 | 102 | 109 | 122 | 138 | 152 | 158 | 154 | 138 | 113 | 84 | 56 | 34 | 2466 | 102.8 | | 6:57 | 136 | 17:8 | 158 | * | * | * | * | 11:42 | 102 | * | * | * | * | * | * |
| 20 | 22 | 22 | 33 | 52 | 74 | 96 | 113 | 123 | 127 | 124 | 119 | 113 | 110 | 113 | 120 | 132 | 145 | 153 | 153 | 144 | 126 | 102 | 76 | 53 | 2445 | 101.9 | | 7:59 | 127 | 17:35 | 154 | * | * | * | * | 0:31 | 21 | 12:7 | 110 | * | * | * | * |
| 21 | 36 | 28 | 30 | 40 | 56 | 74 | 91 | 105 | 115 | 119 | 120 | 119 | 118 | 118 | 121 | 128 | 136 | 144 | 147 | 145 | 134 | 117 | 97 | 76 | 2414 | 100.6 | | 9:52 | 120 | 18:7 | 147 | * | * | * | * | 1:19 | 28 | 12:30 | 118 | * | * | * | * |
| 22 | 58 | 44 | 38 | 38 | 45 | 56 | 70 | 84 | 98 | 108 | 116 | 121 | 123 | 124 | 124 | 125 | 128 | 132 | 136 | 137 | 134 | 126 | 114 | 99 | 2378 | 99.1 | U | 18:53 | 137 | * | * | * | * | 2:27 | 37 | * | * | * | * | * | * | | |
| 23 | 83 | 68 | 55 | 47 | 44 | 46 | 53 | 65 | 79 | 93 | 107 | 118 | 126 | 129 | 128 | 125 | 122 | 121 | 121 | 123 | 125 | 125 | 122 | 117 | 2342 | 97.6 | | 13:16 | 129 | 20:37 | 125 | * | * | * | * | 4:4 | 44 | 17:18 | 121 | * | * | * | * |
| 24 | 107 | 95 | 81 | 66 | 54 | 47 | 46 | 51 | 62 | 78 | 95 | 112 | 125 | 132 | 133 | 128 | 120 | 111 | 106 | 104 | 107 | 113 | 119 | 124 | 2316 | 96.5 | | 13:36 | 134 | 23:38 | 125 | * | * | * | * | 5:42 | 46 | 18:49 | 104 | * | * | * | * |
| 25 | 124 | 119 | 108 | 93 | 75 | 60 | 49 | 46 | 52 | 65 | 84 | 104 | 122 | 135 | 139 | 134 | 122 | 107 | 93 | 85 | 84 | 91 | 103 | 117 | 2311 | 96.3 | | 13:56 | 139 | * | * | * | * | 6:51 | 46 | 19:36 | 83 | * | * | * | * | | |
| 26 | 129 | 135 | 132 | 120 | 102 | 81 | 63 | 51 | 49 | 58 | 75 | 96 | 118 | 135 | 144 | 141 | 128 | 109 | 87 | 70 | 62 | 65 | 78 | 98 | 2326 | 96.9 | | 1:11 | 135 | 14:15 | 144 | * | * | * | * | 7:42 | 49 | 20:15 | 62 | * | * | * | * |
| 27 | 119 | 136 | 145 | 141 | 128 | 107 | 85 | 67 | 57 | 58 | 70 | 91 | 114 | 135 | 148 | 149 | 137 | 116 | 89 | 64 | 46 | 41 | 49 | 70 | 2362 | 98.4 | | 2:14 | 145 | 14:35 | 150 | * | * | * | * | 8:23 | 56 | 20:53 | 41 | * | * | * | * |
| 28 | 97 | 124 | 143 | 152 | 147 | 131 | 110 | 88 | 71 | 65 | 71 | 88 | 111 | 134 | 151 | 156 | 148 | 127 | 99 | 67 | 41 | 25 | 25 | 41 | 2412 | 100.5 | | 3:7 | 152 | 14:55 | 156 | * | * | * | * | 9:0 | 65 | 21:30 | 23 | * | * | * | * |
| 29 | 68 | 100 | 129 | 148 | 155 | 148 | 131 | 110 | 90 | 78 | 77 | 89 | 109 | 132 | 151 | 161 | 158 | 141 | 112 | 79 | 46 | 21 | 10 | 17 | 2460 | 102.5 | F | 3:57 | 155 | 15:16 | 162 | * | * | * | * | 9:33 | 76 | 22:7 | 10 | * | * | * | * |
| 30 | 39 | 71 | 104 | 132 | 149 | 153 | 144 | 127 | 108 | 93 | 87 | 92 | 108 | 129 | 149 | 163 | 164 | 152 | 128 | 95 | 59 | 28 | 9 | 5 | 2488 | 103.7 | | 4:45 | 153 | 15:38 | 165 | * | * | * | * | 10:4 | 87 | 22:44 | #4 | * | * | * | * |
| 31 | 18 | 44 | 77 | 109 | 134 | 147 | 147 | 137 | 122 | 107 | 97 | 97 | 107 | 125 | 144 | 160 | 167 | 161 | 141 | 112 | 78 | 44 | 18 | 5 | 2498 | 104.1 | | 5:31 | 149 | 16:3 | #167 | * | * | * | * | 10:33 | 96 | 23:20 | #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 |
| 744 | 75622 | 101.6 | 31日 16時 3分 | 167 | 2 | 31日 23時 20分 | 4 | 2 |

推算潮位 (毎時・満干潮)

地点名: 塩釜

緯度: 38 °19 N

経度: 141 °2 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2023 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 | 8 | 25 | 53 | 84 | 113 | 133 | 141 | 139 | 129 | 117 | 106 | 102 | 107 | 119 | 137 | 153 | 163 | 163 | 151 | 127 | 97 | 64 | 36 | 16 | 2483 | 103.5 | | 6:16 | 142 | 16:29 | #165 | * | * | * | * | 11:1 | 102 | 23:58 | 9 | * | * | * | * |
| 2 | 9 | 17 | 37 | 63 | 91 | 114 | 129 | 134 | 130 | 122 | 113 | 107 | 107 | 115 | 128 | 143 | 155 | 159 | 154 | 137 | 113 | 84 | 57 | 35 | 2453 | 102.2 | | 7:2 | 134 | 16:58 | 159 | * | * | * | * | 11:30 | 106 | * | * | * | * | * | * |
| 3 | 21 | 20 | 30 | 49 | 72 | 94 | 112 | 123 | 126 | 123 | 117 | 111 | 109 | 112 | 120 | 131 | 143 | 150 | 149 | 141 | 124 | 101 | 77 | 56 | 2411 | 100.5 | | 7:54 | 126 | 17:30 | 151 | * | * | * | * | 0:38 | 19 | 12:2 | 109 | * | * | * | * |
| 4 | 40 | 31 | 32 | 42 | 59 | 78 | 96 | 110 | 118 | 120 | 118 | 115 | 112 | 112 | 115 | 121 | 129 | 136 | 139 | 137 | 127 | 112 | 94 | 76 | 2369 | 98.7 | | 9:0 | 120 | 18:4 | 139 | * | * | * | * | 1:23 | 31 | 12:43 | 111 | * | * | * | * |
| 5 | 60 | 48 | 43 | 44 | 52 | 65 | 80 | 95 | 107 | 114 | 118 | 118 | 116 | 114 | 113 | 114 | 118 | 122 | 125 | 126 | 123 | 116 | 105 | 93 | 2329 | 97.0 | L | 10:38 | 118 | 18:47 | 126 | * | * | * | * | 2:17 | 42 | 14:3 | 113 | * | * | * | * |
| 6 | 80 | 68 | 58 | 53 | 53 | 59 | 69 | 82 | 95 | 106 | 115 | 120 | 121 | 119 | 116 | 112 | 110 | 109 | 110 | 112 | 113 | 112 | 109 | 104 | 2305 | 96.0 | | 11:55 | 121 | 20:14 | 113 | * | * | * | * | 3:29 | 52 | 16:55 | 109 | * | * | * | * |
| 7 | 96 | 87 | 76 | 67 | 60 | 58 | 62 | 71 | 83 | 97 | 110 | 119 | 125 | 125 | 121 | 114 | 107 | 100 | 96 | 95 | 98 | 102 | 106 | 108 | 2283 | 95.1 | | 12:35 | 126 | 23:23 | 108 | * | * | * | * | 4:50 | 58 | 18:41 | 95 | * | * | * | * |
| 8 | 108 | 103 | 95 | 83 | 72 | 64 | 61 | 64 | 74 | 88 | 103 | 117 | 127 | 131 | 128 | 119 | 108 | 96 | 86 | 80 | 81 | 87 | 95 | 105 | 2275 | 94.8 | | 13:4 | 131 | * | * | * | * | 6:0 | 61 | 19:25 | 80 | * | * | * | * | | |
| 9 | 112 | 115 | 111 | 101 | 89 | 76 | 66 | 63 | 68 | 80 | 96 | 113 | 127 | 135 | 135 | 126 | 112 | 95 | 79 | 68 | 64 | 69 | 80 | 95 | 2275 | 94.8 | | 0:55 | 115 | 13:27 | 136 | * | * | * | * | 6:53 | 63 | 19:58 | 64 | * | * | * | * |
| 10 | 110 | 120 | 124 | 118 | 107 | 91 | 77 | 68 | 67 | 75 | 90 | 109 | 126 | 138 | 141 | 134 | 118 | 98 | 77 | 59 | 50 | 50 | 61 | 79 | 2287 | 95.3 | | 1:52 | 124 | 13:47 | 141 | * | * | * | * | 7:37 | 66 | 20:27 | 49 | * | * | * | * |
| 11 | 100 | 118 | 130 | 132 | 124 | 109 | 93 | 78 | 71 | 74 | 86 | 105 | 124 | 139 | 146 | 142 | 127 | 104 | 79 | 55 | 39 | 34 | 41 | 59 | 2309 | 96.2 | | 2:40 | 132 | 14:7 | 146 | * | * | * | * | 8:14 | 71 | 20:55 | 34 | * | * | * | * |
| 12 | 83 | 109 | 128 | 138 | 137 | 127 | 110 | 93 | 81 | 77 | 85 | 101 | 121 | 139 | 150 | 149 | 137 | 114 | 85 | 57 | 34 | 21 | 23 | 38 | 2337 | 97.4 | | 3:24 | 139 | 14:28 | 151 | * | * | * | * | 8:49 | 77 | 21:25 | 20 | * | * | * | * |
| 13 | 62 | 92 | 118 | 137 | 144 | 140 | 127 | 109 | 94 | 85 | 86 | 98 | 117 | 136 | 151 | 155 | 146 | 126 | 96 | 64 | 35 | 16 | 9 | 18 | 2361 | 98.4 | N | 4:6 | 144 | 14:50 | 155 | * | * | * | * | 9:22 | 84 | 21:55 | 9 | * | * | * | * |
| 14 | 40 | 70 | 101 | 126 | 142 | 146 | 139 | 125 | 108 | 95 | 91 | 97 | 113 | 132 | 149 | 158 | 155 | 138 | 111 | 78 | 45 | 18 | 4 | 4 | 2385 | 99.4 | | 4:49 | 146 | 15:15 | 159 | * | * | * | * | 9:55 | 91 | 22:28 | 2 | * | * | * | * |
| 15 | 20 | 46 | 78 | 108 | 131 | 143 | 144 | 135 | 121 | 107 | 99 | 100 | 110 | 127 | 145 | 158 | 160 | 150 | 127 | 95 | 61 | 30 | 8 | -1 | 2402 | 100.1 | | 5:33 | 145 | 15:42 | 161 | * | * | * | * | 10:27 | 98 | 23:3 | -1 | * | * | * | * |
| 16 | 6 | 26 | 54 | 85 | 112 | 131 | 140 | 139 | 130 | 118 | 108 | 104 | 109 | 121 | 138 | 153 | 160 | 157 | 140 | 114 | 81 | 48 | 21 | 5 | 2400 | 100.0 | | 6:21 | 140 | 16:12 | 160 | * | * | * | * | 10:59 | 104 | 23:42 | 1 | * | * | * | * |
| 17 | 2 | 13 | 34 | 61 | 89 | 112 | 127 | 134 | 132 | 125 | 116 | 110 | 110 | 117 | 129 | 144 | 155 | 157 | 149 | 129 | 102 | 71 | 42 | 20 | 2380 | 99.2 | | 7:14 | 134 | 16:45 | 157 | * | * | * | * | 11:33 | 109 | * | * | * | * | * | * |
| 18 | 9 | 10 | 22 | 42 | 66 | 90 | 109 | 122 | 127 | 126 | 121 | 116 | 112 | 114 | 121 | 133 | 144 | 150 | 149 | 138 | 119 | 93 | 67 | 43 | 2343 | 97.6 | | 8:17 | 127 | 17:23 | 151 | * | * | * | * | 0:26 | 8 | 12:12 | 112 | * | * | * | * |
| 19 | 26 | 18 | 20 | 32 | 49 | 70 | 90 | 106 | 117 | 122 | 123 | 120 | 116 | 114 | 115 | 121 | 129 | 137 | 141 | 138 | 128 | 111 | 90 | 69 | 2302 | 95.9 | | 9:35 | 123 | 18:8 | 141 | * | * | * | * | 1:16 | 17 | 13:9 | 114 | * | * | * | * |
| 20 | 50 | 36 | 29 | 31 | 40 | 55 | 72 | 90 | 104 | 115 | 121 | 122 | 120 | 116 | 112 | 112 | 114 | 119 | 124 | 127 | 126 | 119 | 107 | 92 | 2253 | 93.9 | U | 10:51 | 122 | 19:14 | 127 | * | * | * | * | 2:16 | 29 | 14:44 | 111 | * | * | * | * |
| 21 | 76 | 60 | 48 | 42 | 42 | 49 | 61 | 76 | 92 | 106 | 117 | 123 | 124 | 120 | 114 | 106 | 102 | 100 | 103 | 107 | 112 | 114 | 113 | 108 | 2215 | 92.3 | | 11:40 | 125 | 21:14 | 115 | * | * | * | * | 3:28 | 41 | 16:50 | 100 | * | * | * | * |
| 22 | 99 | 87 | 73 | 61 | 54 | 52 | 57 | 67 | 82 | 98 | 113 | 124 | 129 | 127 | 119 | 107 | 95 | 85 | 81 | 82 | 89 | 98 | 106 | 112 | 2197 | 91.5 | | 12:14 | 129 | 23:41 | 113 | * | * | * | * | 4:46 | 52 | 18:15 | 81 | * | * | * | * |
| 23 | 113 | 108 | 99 | 86 | 74 | 65 | 62 | 66 | 77 | 92 | 109 | 123 | 132 | 134 | 127 | 113 | 95 | 78 | 65 | 59 | 62 | 72 | 88 | 103 | 2202 | 91.8 | | 12:42 | 134 | * | * | * | * | 5:56 | 62 | 19:9 | 59 | * | * | * | * | | |
| 24 | 115 | 121 | 119 | 110 | 97 | 84 | 74 | 71 | 76 | 89 | 105 | 122 | 135 | 141 | 137 | 124 | 103 | 79 | 57 | 42 | 37 | 44 | 61 | 83 | 2226 | 92.8 | | 1:14 | 121 | 13:8 | 141 | * | * | * | * | 6:53 | 71 | 19:53 | 37 | * | * | * | * |
| 25 | 104 | 121 | 130 | 128 | 119 | 106 | 92 | 83 | 81 | 88 | 102 | 120 | 136 | 146 | 147 | 136 | 116 | 89 | 60 | 36 | 21 | 20 | 33 | 56 | 2270 | 94.6 | | 2:21 | 130 | 13:34 | 148 | * | * | * | * | 7:41 | 81 | 20:34 | 19 | * | * | * | * |
| 26 | 83 | 109 | 128 | 137 | 135 | 125 | 111 | 98 | 90 | 91 | 101 | 117 | 135 | 149 | 154 | 149 | 131 | 104 | 72 | 41 | 17 | 5 | 10 | 29 | 2321 | 96.7 | | 3:18 | 137 | 14:1 | 154 | * | * | * | * | 8:24 | 89 | 21:13 | 5 | * | * | * | * |
| 27 | 57 | 88 | 116 | 135 | 142 | 138 | 127 | 113 | 101 | 96 | 101 | 113 | 131 | 147 | 158 | 158 | 145 | 121 | 89 | 55 | 24 | 3 | -3 | 8 | 2363 | 98.5 | F | 4:8 | 142 | 14:30 | 159 | * | * | * | * | 9:2 | 96 | 21:50 | -3 | * | * | * | * |
| 28 | 32 | 64 | 96 | 122 | 138 | 143 | 137 | 125 | 112 | 103 | 102 | 109 | 124 | 142 | 156 | 161 | 156 | 137 | 109 | 74 | 40 | 12 | -3 | -3 | 2388 | 99.5 | | 4:53 | 143 | 15:1 | 161 | * | * | * | * | 9:39 | 101 | 22:28 | #-5 | * | * | * | * |
| 29 | 13 | 41 | 73 | 104 | 127 | 139 | 140 | 133 | 121 | 110 | 104 | 106 | 117 | 133 | 149 | 159 | 160 | 149 | 126 | 95 | 61 | 29 | 6 | -3 | 2392 | 99.7 | | 5:36 | 141 | 15:34 | 161 | * | * | * | * | 10:14 | 103 | 23:5 | -3 | * | * | * | * |
| 30 | 4 | 24 | 52 | 83 | 110 | 129 | 137 | 135 | 126 | 115 | 106 | 104 | 110 | 122 | 138 | 152 | 158 | 154 | 138 | 113 | 82 | 50 | 24 | 7 | 2373 | 98.9 | | 6:16 | 137 | 16:9 | 158 | * | * | * | * | 10:49 | 104 | 23:43 | 3 | * | * | * | * |

| N 総回数 | Sum 推算月合計 | Mean 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 | 69889 | 97.1 | 1日 16時 29分 | 165 | 1 | 28日 22時 28分 | -5 | 1 |

推算潮位 (毎時・満干潮)

地点名: 塩釜

緯度: 38 °19 N

経度: 141 °2 E

潮位表基準面の零点: 平均海面下 92.0(cm)

2023 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 | 4 | 15 | 37 | 65 | 92 | 115 | 128 | 132 | 128 | 119 | 110 | 104 | 104 | 112 | 126 | 140 | 150 | 152 | 144 | 126 | 100 | 71 | 44 | 23 | 2341 | 97.5 | | 6:55 | 132 | 16:44 | 152 | * | * | * | * | 11:26 | 103 | * | * | * | * | * | * |
| 2 | 13 | 15 | 28 | 50 | 76 | 99 | 117 | 126 | 127 | 121 | 113 | 106 | 102 | 105 | 113 | 125 | 137 | 143 | 142 | 132 | 113 | 89 | 64 | 42 | 2298 | 95.8 | | 7:36 | 127 | 17:21 | 144 | * | * | * | * | 0:21 | 12 | 12: 6 | 102 | * | * | * | * |
| 3 | 27 | 22 | 27 | 42 | 62 | 84 | 104 | 117 | 123 | 122 | 116 | 109 | 103 | 101 | 104 | 112 | 122 | 130 | 133 | 129 | 118 | 102 | 81 | 62 | 2252 | 93.8 | | 8:20 | 123 | 18: 1 | 133 | * | * | * | * | 1: 0 | 22 | 12:55 | 101 | * | * | * | * |
| 4 | 45 | 35 | 33 | 40 | 54 | 73 | 91 | 107 | 117 | 121 | 119 | 114 | 107 | 102 | 100 | 102 | 107 | 113 | 119 | 120 | 116 | 107 | 94 | 78 | 2214 | 92.3 | | 9: 7 | 121 | 18:48 | 120 | * | * | * | * | 1:42 | 33 | 14: 1 | 100 | * | * | * | * |
| 5 | 63 | 51 | 45 | 45 | 52 | 65 | 81 | 97 | 110 | 118 | 121 | 118 | 113 | 105 | 99 | 95 | 95 | 98 | 102 | 105 | 107 | 105 | 99 | 90 | 2179 | 90.8 | L | 9:57 | 121 | 20: 0 | 107 | * | * | * | * | 2:28 | 44 | 15:36 | 95 | * | * | * | * |
| 6 | 80 | 69 | 60 | 55 | 56 | 63 | 74 | 89 | 103 | 115 | 121 | 123 | 119 | 112 | 102 | 94 | 87 | 84 | 85 | 88 | 92 | 96 | 98 | 97 | 2162 | 90.1 | | 10:44 | 123 | 22:11 | 98 | * | * | * | * | 3:21 | 55 | 17:25 | 84 | * | * | * | * |
| 7 | 93 | 85 | 77 | 69 | 65 | 66 | 72 | 83 | 96 | 110 | 120 | 126 | 125 | 119 | 108 | 96 | 84 | 75 | 69 | 69 | 74 | 81 | 90 | 97 | 2149 | 89.5 | | 11:24 | 126 | * | * | * | * | 4:24 | 65 | 18:33 | 69 | * | * | * | * | | |
| 8 | 100 | 99 | 94 | 87 | 79 | 74 | 80 | 91 | 105 | 118 | 127 | 130 | 127 | 116 | 102 | 85 | 70 | 58 | 52 | 54 | 63 | 75 | 89 | 2149 | 89.5 | | 0:17 | 101 | 11:58 | 130 | * | * | * | * | 5:31 | 74 | 19:16 | 52 | * | * | * | * | |
| 9 | 101 | 108 | 109 | 104 | 96 | 88 | 82 | 82 | 89 | 100 | 115 | 127 | 134 | 134 | 126 | 111 | 91 | 70 | 51 | 39 | 36 | 42 | 56 | 75 | 2166 | 90.3 | | 1:37 | 109 | 12:30 | 135 | * | * | * | * | 6:32 | 81 | 19:52 | 35 | * | * | * | * |
| 10 | 94 | 110 | 119 | 119 | 114 | 104 | 95 | 89 | 89 | 97 | 111 | 125 | 136 | 141 | 136 | 122 | 101 | 76 | 51 | 32 | 21 | 22 | 34 | 54 | 2192 | 91.3 | | 2:37 | 120 | 13: 1 | 141 | * | * | * | * | 7:25 | 88 | 20:26 | 20 | * | * | * | * |
| 11 | 79 | 102 | 120 | 129 | 128 | 121 | 110 | 99 | 94 | 97 | 107 | 121 | 136 | 145 | 146 | 135 | 115 | 88 | 59 | 32 | 13 | 6 | 12 | 31 | 2225 | 92.7 | | 3:27 | 130 | 13:33 | 147 | * | * | * | * | 8:12 | 94 | 21: 1 | 6 | * | * | * | * |
| 12 | 57 | 86 | 111 | 129 | 136 | 134 | 125 | 112 | 102 | 99 | 104 | 117 | 132 | 146 | 152 | 148 | 131 | 105 | 73 | 41 | 14 | -2 | -4 | 9 | 2257 | 94.0 | | 4:14 | 137 | 14: 7 | 152 | * | * | * | * | 8:54 | 99 | 21:38 | -5 | * | * | * | * |
| 13 | 33 | 63 | 94 | 119 | 135 | 140 | 136 | 125 | 113 | 104 | 104 | 112 | 126 | 142 | 154 | 156 | 147 | 125 | 94 | 59 | 26 | 1 | -10 | -7 | 2291 | 95.5 | N | 5: 0 | 140 | 14:43 | 157 | * | * | * | * | 9:34 | 103 | 22:17 | -11 | * | * | * | * |
| 14 | 10 | 38 | 70 | 100 | 124 | 137 | 140 | 134 | 122 | 111 | 105 | 108 | 119 | 134 | 150 | 159 | 157 | 143 | 117 | 83 | 47 | 16 | -6 | -13 | 2305 | 96.0 | | 5:45 | 140 | 15:22 | #160 | * | * | * | * | 10:13 | 105 | 22:58 | #-13 | * | * | * | * |
| 15 | -5 | 16 | 45 | 77 | 105 | 126 | 136 | 136 | 129 | 118 | 109 | 106 | 111 | 124 | 140 | 154 | 160 | 154 | 136 | 107 | 73 | 39 | 10 | -7 | 2299 | 95.8 | | 6:31 | 137 | 16: 3 | #160 | * | * | * | * | 10:53 | 106 | 23:41 | -10 | * | * | * | * |
| 16 | -9 | 2 | 25 | 54 | 84 | 109 | 126 | 133 | 131 | 123 | 113 | 105 | 105 | 112 | 126 | 141 | 153 | 156 | 147 | 127 | 98 | 66 | 35 | 11 | 2273 | 94.7 | | 7:16 | 133 | 16:46 | 156 | * | * | * | * | 11:35 | 104 | * | * | * | * | * | * |
| 17 | -1 | 0 | 14 | 36 | 64 | 90 | 111 | 124 | 128 | 125 | 117 | 107 | 101 | 102 | 110 | 124 | 137 | 146 | 147 | 137 | 117 | 91 | 62 | 36 | 2225 | 92.7 | | 8: 0 | 128 | 17:34 | 148 | * | * | * | * | 0:25 | -2 | 12:24 | 101 | * | * | * | * |
| 18 | 17 | 10 | 14 | 28 | 50 | 74 | 96 | 114 | 123 | 125 | 120 | 111 | 102 | 96 | 97 | 104 | 116 | 127 | 134 | 134 | 125 | 108 | 86 | 63 | 2174 | 90.6 | | 8:42 | 125 | 18:29 | 135 | * | * | * | * | 1: 9 | 9 | 13:22 | 96 | * | * | * | * |
| 19 | 42 | 29 | 25 | 30 | 45 | 64 | 85 | 104 | 117 | 123 | 122 | 116 | 105 | 95 | 89 | 88 | 93 | 102 | 112 | 118 | 119 | 113 | 101 | 85 | 2122 | 88.4 | | 9:21 | 124 | 19:39 | 120 | * | * | * | * | 1:54 | 25 | 14:36 | 88 | * | * | * | * |
| 20 | 68 | 53 | 44 | 42 | 49 | 62 | 79 | 96 | 112 | 122 | 125 | 121 | 112 | 100 | 88 | 79 | 76 | 78 | 85 | 94 | 102 | 106 | 105 | 99 | 2097 | 87.4 | U | 9:58 | 125 | 21:18 | 106 | * | * | * | * | 2:41 | 42 | 16: 4 | 76 | * | * | * | * |
| 21 | 89 | 77 | 67 | 61 | 60 | 66 | 78 | 92 | 108 | 120 | 127 | 127 | 121 | 109 | 94 | 79 | 66 | 60 | 60 | 66 | 76 | 87 | 96 | 100 | 2086 | 86.9 | | 10:34 | 128 | 23:31 | 101 | * | * | * | * | 3:33 | 60 | 17:31 | 59 | * | * | * | * |
| 22 | 100 | 96 | 89 | 82 | 77 | 77 | 82 | 92 | 105 | 118 | 128 | 133 | 130 | 121 | 106 | 87 | 67 | 51 | 42 | 41 | 48 | 61 | 76 | 91 | 2100 | 87.5 | | 11:12 | 133 | * | * | * | * | 4:34 | 76 | 18:38 | 40 | * | * | * | * | | |
| 23 | 101 | 106 | 106 | 102 | 96 | 91 | 90 | 94 | 103 | 115 | 127 | 135 | 138 | 133 | 120 | 101 | 77 | 54 | 35 | 25 | 24 | 34 | 52 | 72 | 2131 | 88.8 | | 1:25 | 107 | 11:52 | 138 | * | * | * | * | 5:45 | 90 | 19:31 | 23 | * | * | * | * |
| 24 | 92 | 107 | 115 | 116 | 113 | 106 | 101 | 99 | 102 | 111 | 123 | 134 | 142 | 142 | 134 | 118 | 94 | 67 | 40 | 20 | 10 | 13 | 27 | 49 | 2175 | 90.6 | | 2:44 | 117 | 12:35 | 143 | * | * | * | * | 6:53 | 99 | 20:17 | 10 | * | * | * | * |
| 25 | 74 | 97 | 114 | 124 | 125 | 120 | 112 | 106 | 103 | 108 | 117 | 130 | 141 | 147 | 145 | 134 | 113 | 85 | 55 | 27 | 7 | 0 | 7 | 26 | 2217 | 92.4 | | 3:40 | 125 | 13:19 | 147 | * | * | * | * | 7:52 | 103 | 21: 0 | 0 | * | * | * | * |
| 26 | 52 | 81 | 105 | 123 | 131 | 130 | 123 | 113 | 106 | 105 | 110 | 122 | 135 | 146 | 151 | 146 | 131 | 106 | 75 | 43 | 15 | -1 | -4 | 8 | 2252 | 93.8 | | 4:23 | 131 | 14: 3 | 151 | * | * | * | * | 8:42 | 104 | 21:40 | -5 | * | * | * | * |
| 27 | 31 | 61 | 90 | 114 | 129 | 134 | 130 | 121 | 110 | 104 | 104 | 112 | 125 | 140 | 150 | 153 | 144 | 125 | 97 | 64 | 32 | 7 | -5 | -3 | 2269 | 94.5 | F | 5: 0 | 134 | 14:45 | 153 | * | * | * | * | 9:27 | 103 | 22:19 | -6 | * | * | * | * |
| 28 | 14 | 41 | 72 | 100 | 122 | 133 | 133 | 126 | 115 | 105 | 100 | 103 | 114 | 129 | 143 | 152 | 152 | 139 | 116 | 86 | 52 | 23 | 2 | -4 | 2268 | 94.5 | | 5:34 | 134 | 15:27 | 154 | * | * | * | * | 10: 7 | 100 | 22:56 | -4 | * | * | * | * |
| 29 | 4 | 25 | 54 | 84 | 110 | 126 | 133 | 129 | 119 | 107 | 98 | 96 | 102 | 116 | 132 | 145 | 152 | 147 | 131 | 105 | 73 | 42 | 16 | 2 | 2248 | 93.7 | | 6: 6 | 133 | 16: 6 | 152 | * | * | * | * | 10:46 | 96 | 23:32 | 0 | * | * | * | * |
| 30 | 2 | 15 | 39 | 68 | 96 | 117 | 128 | 129 | 122 | 110 | 99 | 92 | 93 | 102 | 117 | 133 | 144 | 147 | 138 | 119 | 92 | 62 | 34 | 14 | 2212 | 92.2 | | 6:36 | 130 | 16:45 | 147 | * | * | * | * | 11:24 | 91 | * | * | * | * | * | * |
| 31 | 7 | 12 | 30 | 55 | 82 | 106 | 121 | 127 | 124 | 114 | 102 | 92 | 88 | 91 | 103 | 117 | 131 | 139 | 138 | 126 | 106 | 79 | 53 | 31 | 2174 | 90.6 | | 7: 6 | 127 | 17:23 | 140 | * | * | * | * | 0: 1 | 7 | 12: 2 | 88 | * | * | * | * |

| 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 | 68502 | 92.1 | 15日 16時 3分 | 160 | 2 | 14日 22時 58分 | -13 | 1 |