

推算潮位（毎時・満干潮）

地点名：久慈

緯度：40°12' N

経度：141°48' E

潮位表基準面の零点：平均海面下 89.0(cm)

2020年1月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|------|------|---|-------|-----|-------|------|----|----|------|----|-------|-----|-------|------|----|----|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1 | 29 | 28 | 37 | 53 | 73 | 93 | 109 | 118 | 120 | 116 | 107 | 96 | 88 | 84 | 86 | 94 | 103 | 112 | 117 | 115 | 105 | 90 | 72 | 55 | 2100 | 87.5 | | 7:44 | 120 | 18:12 | 117 | * | * | * | * | 0:34 | 27 | 13:7 | 84 | * | * | * | * |
| 2 | 43 | 38 | 41 | 51 | 67 | 84 | 101 | 113 | 118 | 117 | 111 | 102 | 92 | 85 | 82 | 83 | 89 | 96 | 103 | 106 | 103 | 95 | 83 | 70 | 2073 | 86.4 | | 8:19 | 119 | 19:3 | 106 | * | * | * | * | 1:8 | 38 | 14:8 | 82 | * | * | * | * |
| 3 | 59 | 51 | 50 | 55 | 66 | 79 | 94 | 107 | 115 | 118 | 115 | 107 | 98 | 88 | 80 | 76 | 76 | 80 | 86 | 92 | 95 | 94 | 89 | 81 | 2051 | 85.5 | U | 8:54 | 118 | 20:15 | 95 | * | * | * | * | 1:42 | 50 | 15:27 | 76 | * | * | * | * |
| 4 | 73 | 66 | 63 | 63 | 69 | 78 | 90 | 102 | 111 | 117 | 117 | 112 | 104 | 93 | 83 | 74 | 68 | 66 | 69 | 75 | 81 | 86 | 89 | 88 | 2037 | 84.9 | | 9:32 | 118 | 22:11 | 89 | * | * | * | * | 2:21 | 62 | 16:50 | 66 | * | * | * | * |
| 5 | 84 | 80 | 77 | 74 | 75 | 80 | 87 | 97 | 107 | 115 | 118 | 117 | 111 | 101 | 89 | 76 | 64 | 56 | 54 | 57 | 64 | 73 | 82 | 88 | 2026 | 84.4 | | 10:14 | 118 | * | * | * | * | 3:15 | 74 | 17:57 | 54 | * | * | * | * | | |
| 6 | 92 | 92 | 90 | 88 | 85 | 85 | 88 | 94 | 103 | 111 | 117 | 120 | 117 | 109 | 97 | 82 | 65 | 51 | 42 | 40 | 45 | 55 | 69 | 82 | 2019 | 84.1 | | 0:39 | 92 | 10:59 | 120 | * | * | * | * | 4:34 | 85 | 18:48 | 40 | * | * | * | * |
| 7 | 93 | 100 | 102 | 101 | 97 | 93 | 92 | 94 | 100 | 107 | 115 | 121 | 123 | 118 | 108 | 92 | 72 | 52 | 36 | 27 | 27 | 35 | 50 | 69 | 2024 | 84.3 | | 2:5 | 102 | 11:46 | 123 | * | * | * | * | 5:56 | 92 | 19:31 | 26 | * | * | * | * |
| 8 | 86 | 101 | 109 | 112 | 109 | 104 | 99 | 96 | 98 | 104 | 112 | 121 | 126 | 126 | 119 | 105 | 84 | 60 | 37 | 20 | 13 | 16 | 29 | 49 | 2035 | 84.8 | | 2:55 | 112 | 12:32 | 127 | * | * | * | * | 7:4 | 96 | 20:12 | 13 | * | * | * | * |
| 9 | 73 | 94 | 110 | 118 | 119 | 114 | 107 | 101 | 98 | 101 | 108 | 117 | 127 | 132 | 130 | 119 | 100 | 74 | 46 | 22 | 6 | 1 | 9 | 27 | 2053 | 85.5 | | 3:37 | 119 | 13:17 | 132 | * | * | * | * | 7:59 | 98 | 20:52 | 1 | * | * | * | * |
| 10 | 53 | 79 | 103 | 118 | 125 | 123 | 116 | 107 | 100 | 99 | 103 | 112 | 124 | 134 | 138 | 133 | 118 | 93 | 63 | 33 | 9 | -5 | -5 | 7 | 2080 | 86.7 | | 4:16 | 125 | 14:0 | 138 | * | * | * | * | 8:46 | 99 | 21:33 | -7 | * | * | * | * |
| 11 | 30 | 59 | 88 | 111 | 124 | 127 | 123 | 113 | 104 | 98 | 98 | 105 | 116 | 130 | 140 | 142 | 133 | 113 | 85 | 53 | 22 | 0 | -11 | -7 | 2096 | 87.3 | F | 4:53 | 128 | 14:43 | 142 | * | * | * | * | 9:28 | 97 | 22:13 | #-11 | * | * | * | * |
| 12 | 11 | 38 | 69 | 97 | 117 | 127 | 127 | 119 | 108 | 99 | 94 | 97 | 106 | 120 | 134 | 143 | 142 | 130 | 107 | 77 | 44 | 15 | -4 | -10 | 2107 | 87.8 | | 5:30 | 128 | 15:26 | #144 | * | * | * | * | 10:8 | 94 | 22:53 | -10 | * | * | * | * |
| 13 | -1 | 20 | 49 | 79 | 105 | 121 | 127 | 123 | 113 | 101 | 92 | 90 | 95 | 106 | 122 | 136 | 143 | 139 | 124 | 99 | 69 | 37 | 12 | -2 | 2099 | 87.5 | | 6:5 | 127 | 16:11 | 143 | * | * | * | * | 10:49 | 89 | 23:32 | -4 | * | * | * | * |
| 14 | -3 | 10 | 33 | 63 | 91 | 112 | 123 | 124 | 117 | 105 | 92 | 85 | 84 | 92 | 105 | 120 | 133 | 137 | 131 | 115 | 91 | 63 | 35 | 15 | 2073 | 86.4 | | 6:36 | 125 | 16:57 | 137 | * | * | * | * | 11:32 | 83 | * | * | * | * | * | * |
| 15 | 7 | 11 | 27 | 51 | 78 | 102 | 118 | 124 | 120 | 110 | 96 | 83 | 77 | 78 | 87 | 100 | 114 | 125 | 128 | 121 | 105 | 84 | 60 | 38 | 2044 | 85.2 | | 7:6 | 124 | 17:47 | 128 | * | * | * | * | 0:10 | 7 | 12:19 | 77 | * | * | * | * |
| 16 | 25 | 22 | 29 | 46 | 69 | 93 | 112 | 122 | 122 | 115 | 102 | 87 | 75 | 70 | 72 | 80 | 92 | 104 | 113 | 115 | 109 | 96 | 79 | 61 | 2010 | 83.8 | | 7:34 | 123 | 18:43 | 115 | * | * | * | * | 0:47 | 21 | 13:13 | 70 | * | * | * | * |
| 17 | 47 | 39 | 40 | 50 | 66 | 86 | 106 | 119 | 124 | 120 | 109 | 95 | 80 | 68 | 63 | 64 | 70 | 80 | 91 | 99 | 101 | 98 | 90 | 79 | 1984 | 82.7 | L | 8:2 | 124 | 19:54 | 101 | * | * | * | * | 1:22 | 38 | 14:19 | 62 | * | * | * | * |
| 18 | 68 | 59 | 56 | 59 | 69 | 84 | 101 | 115 | 124 | 124 | 118 | 105 | 90 | 74 | 62 | 55 | 54 | 58 | 66 | 76 | 85 | 89 | 90 | 88 | 1969 | 82.0 | | 8:34 | 125 | 21:45 | 90 | * | * | * | * | 1:59 | 56 | 15:40 | 54 | * | * | * | * |
| 19 | 83 | 78 | 73 | 73 | 77 | 86 | 98 | 111 | 121 | 126 | 124 | 116 | 102 | 86 | 70 | 56 | 47 | 43 | 45 | 52 | 62 | 73 | 81 | 87 | 1970 | 82.1 | | 9:12 | 126 | * | * | * | * | 2:40 | 72 | 17:7 | 43 | * | * | * | * | | |
| 20 | 91 | 91 | 90 | 88 | 87 | 90 | 97 | 106 | 116 | 124 | 127 | 124 | 115 | 102 | 85 | 66 | 50 | 37 | 31 | 32 | 39 | 51 | 65 | 78 | 1982 | 82.6 | | 0:42 | 91 | 10:0 | 127 | * | * | * | * | 3:39 | 87 | 18:22 | 31 | * | * | * | * |
| 21 | 90 | 97 | 101 | 101 | 99 | 97 | 98 | 103 | 110 | 118 | 125 | 128 | 125 | 117 | 102 | 83 | 62 | 42 | 27 | 20 | 21 | 30 | 45 | 63 | 2004 | 83.5 | | 2:26 | 102 | 11:2 | 128 | * | * | * | * | 5:12 | 97 | 19:23 | 19 | * | * | * | * |
| 22 | 81 | 96 | 106 | 111 | 110 | 105 | 102 | 101 | 104 | 110 | 119 | 126 | 130 | 128 | 118 | 102 | 80 | 56 | 33 | 17 | 10 | 13 | 25 | 44 | 2027 | 84.5 | | 3:16 | 111 | 12:10 | 130 | * | * | * | * | 6:44 | 100 | 20:13 | 10 | * | * | * | * |
| 23 | 66 | 88 | 105 | 115 | 118 | 114 | 107 | 101 | 99 | 102 | 109 | 119 | 128 | 133 | 131 | 119 | 100 | 75 | 47 | 24 | 8 | 3 | 10 | 26 | 2047 | 85.3 | | 3:53 | 118 | 13:11 | 133 | * | * | * | * | 7:56 | 99 | 20:56 | 3 | * | * | * | * |
| 24 | 49 | 75 | 97 | 113 | 121 | 120 | 113 | 104 | 97 | 95 | 99 | 108 | 120 | 132 | 137 | 132 | 118 | 95 | 67 | 38 | 15 | 2 | 1 | 12 | 2060 | 85.8 | | 4:25 | 122 | 14:4 | 137 | * | * | * | * | 8:50 | 95 | 21:35 | 0 | * | * | * | * |
| 25 | 32 | 59 | 86 | 107 | 120 | 123 | 118 | 108 | 97 | 90 | 90 | 97 | 109 | 124 | 135 | 139 | 131 | 113 | 87 | 57 | 29 | 9 | 0 | 4 | 2064 | 86.0 | N | 4:54 | 123 | 14:49 | 139 | * | * | * | * | 9:33 | 89 | 22:11 | 0 | * | * | * | * |
| 26 | 20 | 44 | 72 | 97 | 115 | 123 | 121 | 113 | 100 | 89 | 83 | 86 | 96 | 111 | 127 | 137 | 137 | 126 | 104 | 76 | 47 | 21 | 6 | 3 | 2054 | 85.6 | | 5:20 | 123 | 15:30 | 139 | * | * | * | * | 10:11 | 83 | 22:43 | 3 | * | * | * | * |
| 27 | 13 | 33 | 59 | 86 | 108 | 120 | 122 | 116 | 104 | 90 | 80 | 78 | 84 | 97 | 114 | 129 | 137 | 132 | 117 | 93 | 65 | 38 | 18 | 8 | 2041 | 85.0 | | 5:44 | 123 | 16:9 | 137 | * | * | * | * | 10:46 | 78 | 23:13 | 8 | * | * | * | * |
| 28 | 12 | 27 | 50 | 76 | 100 | 116 | 122 | 118 | 108 | 94 | 81 | 73 | 74 | 84 | 99 | 116 | 128 | 132 | 123 | 105 | 81 | 55 | 33 | 19 | 2026 | 84.4 | | 6:7 | 122 | 16:47 | 132 | * | * | * | * | 11:22 | 73 | 23:41 | 16 | * | * | * | * |
| 29 | 17 | 26 | 44 | 68 | 92 | 110 | 120 | 120 | 111 | 98 | 83 | 72 | 68 | 73 | 85 | 100 | 115 | 124 | 123 | 112 | 93 | 70 | 49 | 32 | 2005 | 83.5 | | 6:29 | 121 | 17:25 | 125 | * | * | * | * | 11:58 | 68 | * | * | * | * | * | * |
| 30 | 26 | 30 | 43 | 63 | 85 | 104 | 117 | 120 | 115 | 103 | 88 | 75 | 66 | 65 | 72 | 84 | 99 | 110 | 116 | 112 | 100 | 82 | 63 | 47 | 1985 | 82.7 | | 6:51 | 120 | 18:5 | 116 | * | * | * | * | 0:8 | 26 | 12:37 | 65 | * | * | * | * |
| 31 | 38 | 38 | 46 | 61 | 80 | 99 | 113 | 119 | 117 | 108 | 94 | 80 | 68 | 62 | 63 | 71 | 82 | 94 | 103 | 105 | 100 | 89 | 75 | 62 | 1967 | 82.0 | | 7:14 | 119 | 18:50 | 105 | * | * | * | * | 0:33 | 37 | 13:21 | 62 | * | * | * | * |

| 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 |
| 744 | 63112 | 84.8 | 12日 15時 26分 | 144 | 1 | 11日 22時 13分 | -11 | 1 |

推算潮位（毎時・満干潮）

地点名：久慈

緯度：40°12' N

経度：141°48' E

潮位表基準面の零点：平均海面下 89.0(cm)

2020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 | | |
| 1 | 52 | 49 | 53 | 63 | 78 | 94 | 108 | 117 | 118 | 112 | 100 | 86 | 73 | 63 | 59 | 60 | 67 | 77 | 87 | 93 | 95 | 91 | 83 | 74 | 1952 | 81.3 | | 7:38 | 118 | 19:47 | 95 | * | * | * | * | 0:57 | 49 | 14:14 | 59 | * | * | * | * |
| 2 | 66 | 61 | 62 | 68 | 79 | 92 | 104 | 114 | 117 | 114 | 106 | 94 | 80 | 68 | 59 | 55 | 56 | 61 | 69 | 77 | 84 | 87 | 86 | 82 | 1941 | 80.9 | U | 8:4 | 117 | 21:13 | 87 | * | * | * | * | 1:20 | 61 | 15:22 | 55 | * | * | * | * |
| 3 | 78 | 74 | 74 | 76 | 82 | 91 | 101 | 110 | 115 | 115 | 111 | 101 | 89 | 76 | 64 | 54 | 49 | 48 | 51 | 59 | 68 | 76 | 82 | 85 | 1929 | 80.4 | | 8:34 | 116 | * | * | * | * | 1:44 | 74 | 16:43 | 47 | * | * | * | * | | |
| 4 | 86 | 86 | 86 | 86 | 89 | 93 | 99 | 106 | 112 | 115 | 114 | 108 | 99 | 87 | 73 | 60 | 47 | 39 | 37 | 40 | 48 | 59 | 71 | 81 | 1921 | 80.0 | | 9:16 | 115 | * | * | * | * | 17:58 | 37 | * | * | * | * | * | * | | |
| 5 | 89 | 94 | 97 | 97 | 97 | 97 | 99 | 103 | 108 | 112 | 115 | 114 | 109 | 100 | 87 | 71 | 53 | 38 | 27 | 24 | 27 | 38 | 53 | 70 | 1919 | 80.0 | | 10:19 | 115 | * | * | * | * | 18:59 | 24 | * | * | * | * | * | * | | |
| 6 | 85 | 97 | 104 | 107 | 106 | 103 | 101 | 101 | 103 | 108 | 113 | 117 | 117 | 113 | 103 | 87 | 67 | 45 | 26 | 14 | 10 | 17 | 31 | 51 | 1926 | 80.3 | | 3:9 | 107 | 11:41 | 118 | * | * | * | * | 6:33 | 101 | 19:51 | 10 | * | * | * | * |
| 7 | 73 | 92 | 106 | 113 | 114 | 110 | 105 | 100 | 99 | 102 | 107 | 115 | 121 | 124 | 119 | 106 | 86 | 61 | 35 | 14 | 1 | 0 | 10 | 29 | 1942 | 80.9 | | 3:38 | 114 | 12:53 | 124 | * | * | * | * | 7:50 | 99 | 20:38 | -1 | * | * | * | * |
| 8 | 54 | 80 | 101 | 114 | 119 | 117 | 109 | 101 | 95 | 94 | 99 | 108 | 119 | 128 | 131 | 125 | 108 | 84 | 54 | 25 | 3 | -8 | -6 | 8 | 1962 | 81.8 | | 4:7 | 119 | 13:51 | 131 | * | * | * | * | 8:41 | 94 | 21:21 | -9 | * | * | * | * |
| 9 | 33 | 62 | 89 | 110 | 120 | 121 | 114 | 103 | 93 | 87 | 88 | 96 | 109 | 124 | 135 | 137 | 128 | 108 | 79 | 46 | 17 | -4 | -12 | -5 | 1978 | 82.4 | F | 4:36 | 122 | 14:43 | 137 | * | * | * | * | 9:23 | 87 | 22:2 | #-12 | * | * | * | * |
| 10 | 15 | 43 | 74 | 100 | 117 | 123 | 119 | 107 | 93 | 82 | 77 | 81 | 93 | 110 | 128 | 139 | 139 | 127 | 104 | 73 | 40 | 12 | -5 | -8 | 1983 | 82.6 | | 5:3 | 123 | 15:32 | #140 | * | * | * | * | 10:2 | 77 | 22:40 | -8 | * | * | * | * |
| 11 | 4 | 28 | 59 | 89 | 111 | 122 | 122 | 112 | 96 | 80 | 69 | 67 | 75 | 91 | 111 | 129 | 139 | 136 | 122 | 97 | 66 | 36 | 12 | 1 | 1974 | 82.3 | | 5:28 | 123 | 16:19 | 139 | * | * | * | * | 10:41 | 67 | 23:16 | 1 | * | * | * | * |
| 12 | 5 | 21 | 47 | 77 | 103 | 119 | 124 | 117 | 101 | 82 | 66 | 57 | 58 | 70 | 88 | 109 | 126 | 134 | 129 | 113 | 89 | 61 | 36 | 19 | 1951 | 81.3 | | 5:51 | 124 | 17:8 | 134 | * | * | * | * | 11:21 | 56 | 23:49 | 14 | * | * | * | * |
| 13 | 15 | 23 | 43 | 69 | 96 | 116 | 125 | 121 | 109 | 89 | 69 | 53 | 47 | 52 | 65 | 84 | 104 | 119 | 124 | 118 | 103 | 82 | 60 | 41 | 1927 | 80.3 | | 6:13 | 125 | 17:57 | 124 | * | * | * | * | 12:4 | 47 | * | * | * | * | * | * |
| 14 | 32 | 34 | 46 | 67 | 91 | 112 | 124 | 126 | 116 | 99 | 78 | 58 | 45 | 41 | 47 | 61 | 78 | 96 | 107 | 111 | 105 | 93 | 78 | 62 | 1907 | 79.5 | | 6:36 | 126 | 18:51 | 111 | * | * | * | * | 0:19 | 31 | 12:51 | 41 | * | * | * | * |
| 15 | 51 | 48 | 55 | 69 | 88 | 108 | 122 | 128 | 123 | 109 | 90 | 69 | 51 | 40 | 38 | 44 | 55 | 70 | 85 | 94 | 97 | 94 | 87 | 77 | 1892 | 78.8 | | 7:1 | 128 | 19:56 | 97 | * | * | * | * | 0:47 | 48 | 13:45 | 38 | * | * | * | * |
| 16 | 69 | 64 | 66 | 75 | 88 | 104 | 118 | 127 | 127 | 118 | 103 | 84 | 65 | 49 | 39 | 36 | 40 | 49 | 61 | 73 | 81 | 86 | 86 | 85 | 1893 | 78.9 | L | 7:30 | 128 | 21:44 | 86 | * | * | * | * | 1:13 | 64 | 14:53 | 36 | * | * | * | * |
| 17 | 82 | 79 | 79 | 83 | 90 | 101 | 112 | 122 | 126 | 123 | 113 | 99 | 82 | 65 | 50 | 40 | 35 | 36 | 42 | 51 | 61 | 71 | 78 | 84 | 1904 | 79.3 | | 8:5 | 126 | * | * | * | * | 1:34 | 78 | 16:20 | 35 | * | * | * | * | | |
| 18 | 88 | 89 | 90 | 91 | 94 | 99 | 106 | 114 | 120 | 122 | 118 | 110 | 98 | 83 | 67 | 52 | 40 | 32 | 30 | 33 | 41 | 52 | 65 | 77 | 1911 | 79.6 | | 8:53 | 122 | * | * | * | * | 17:53 | 30 | * | * | * | * | * | * | | |
| 19 | 87 | 94 | 99 | 100 | 99 | 100 | 101 | 105 | 110 | 115 | 117 | 116 | 110 | 101 | 87 | 70 | 53 | 37 | 27 | 23 | 25 | 34 | 48 | 64 | 1922 | 80.1 | | 10:12 | 117 | * | * | * | * | 19:7 | 22 | * | * | * | * | * | * | | |
| 20 | 80 | 94 | 103 | 107 | 106 | 102 | 99 | 97 | 99 | 104 | 110 | 115 | 117 | 114 | 105 | 90 | 71 | 51 | 32 | 20 | 15 | 20 | 32 | 50 | 1933 | 80.5 | | 3:13 | 107 | 11:56 | 117 | * | * | * | * | 6:54 | 97 | 20:1 | 15 | * | * | * | * |
| 21 | 70 | 89 | 103 | 111 | 112 | 107 | 99 | 92 | 90 | 92 | 98 | 107 | 116 | 120 | 118 | 108 | 91 | 69 | 45 | 25 | 13 | 10 | 18 | 34 | 1937 | 80.7 | | 3:36 | 112 | 13:13 | 120 | * | * | * | * | 8:5 | 90 | 20:45 | 10 | * | * | * | * |
| 22 | 57 | 80 | 99 | 112 | 116 | 112 | 102 | 91 | 83 | 81 | 85 | 95 | 108 | 120 | 125 | 122 | 109 | 88 | 62 | 37 | 18 | 8 | 10 | 22 | 1942 | 80.9 | | 3:59 | 116 | 14:7 | 125 | * | * | * | * | 8:50 | 81 | 21:21 | 7 | * | * | * | * |
| 23 | 43 | 68 | 92 | 109 | 117 | 116 | 106 | 93 | 80 | 73 | 73 | 82 | 96 | 112 | 125 | 129 | 122 | 105 | 80 | 53 | 28 | 12 | 7 | 15 | 1936 | 80.7 | | 4:21 | 118 | 14:52 | 129 | * | * | * | * | 9:26 | 72 | 21:53 | 7 | * | * | * | * |
| 24 | 32 | 57 | 83 | 104 | 116 | 118 | 111 | 97 | 81 | 68 | 64 | 69 | 82 | 100 | 118 | 129 | 129 | 118 | 97 | 70 | 43 | 22 | 11 | 13 | 1932 | 80.5 | N | 4:41 | 119 | 15:31 | 131 | * | * | * | * | 9:59 | 64 | 22:23 | 10 | * | * | * | * |
| 25 | 26 | 48 | 74 | 98 | 114 | 119 | 114 | 101 | 84 | 67 | 58 | 58 | 67 | 85 | 105 | 122 | 130 | 125 | 110 | 86 | 60 | 36 | 20 | 16 | 1923 | 80.1 | | 5:0 | 119 | 16:9 | 130 | * | * | * | * | 10:31 | 56 | 22:50 | 16 | * | * | * | * |
| 26 | 24 | 42 | 66 | 91 | 110 | 119 | 117 | 106 | 88 | 70 | 56 | 50 | 55 | 69 | 89 | 109 | 123 | 126 | 117 | 99 | 75 | 51 | 33 | 24 | 1909 | 79.5 | | 5:18 | 120 | 16:45 | 127 | * | * | * | * | 11:2 | 50 | 23:15 | 24 | * | * | * | * |
| 27 | 27 | 41 | 62 | 85 | 106 | 118 | 119 | 110 | 94 | 75 | 57 | 47 | 46 | 56 | 73 | 93 | 111 | 120 | 119 | 107 | 88 | 66 | 47 | 35 | 1902 | 79.3 | | 5:37 | 120 | 17:22 | 121 | * | * | * | * | 11:33 | 45 | 23:38 | 33 | * | * | * | * |
| 28 | 34 | 43 | 60 | 81 | 101 | 116 | 120 | 114 | 100 | 81 | 62 | 47 | 41 | 45 | 58 | 76 | 95 | 109 | 114 | 109 | 96 | 78 | 61 | 48 | 1889 | 78.7 | | 5:55 | 120 | 18:0 | 114 | * | * | * | * | 12:6 | 41 | * | * | * | * | * | * |
| 29 | 44 | 48 | 61 | 79 | 97 | 112 | 119 | 117 | 105 | 88 | 69 | 52 | 42 | 40 | 47 | 61 | 78 | 94 | 104 | 106 | 99 | 87 | 73 | 61 | 1883 | 78.5 | | 6:14 | 120 | 18:42 | 106 | * | * | * | * | 0:0 | 44 | 12:41 | 39 | * | * | * | * |

| 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 |
| 696 | 55920 | 80.3 | 10日 15時 32分 | 140 | 1 | 9日 22時 2分 | -12 | 1 |

推算潮位 (毎時・満干潮)

地点名: 久慈

緯度: 40 °12 N

経度: 141 °48 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020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 | | |
| 1 | 55 | 56 | 64 | 78 | 94 | 109 | 117 | 118 | 110 | 95 | 77 | 59 | 46 | 39 | 40 | 49 | 62 | 76 | 89 | 96 | 97 | 91 | 82 | 73 | 1872 | 78.0 | | 6:34 | 119 | 19:32 | 97 | * | * | * | * | 0:21 | 54 | 13:20 | 39 | * | * | * | * |
| 2 | 67 | 66 | 70 | 80 | 93 | 105 | 114 | 117 | 112 | 101 | 86 | 69 | 54 | 43 | 39 | 41 | 48 | 59 | 71 | 82 | 88 | 89 | 86 | 82 | 1862 | 77.6 | | 6:54 | 117 | 20:45 | 89 | * | * | * | * | 0:41 | 65 | 14:11 | 39 | * | * | * | * |
| 3 | 78 | 76 | 78 | 84 | 93 | 102 | 110 | 114 | 113 | 106 | 94 | 80 | 65 | 52 | 43 | 38 | 38 | 44 | 52 | 63 | 73 | 80 | 84 | 86 | 1846 | 76.9 | U | 7:18 | 115 | * | * | * | * | * | * | 0:57 | 76 | 15:25 | 38 | * | * | * | * |
| 4 | 86 | 86 | 88 | 90 | 95 | 100 | 106 | 110 | 112 | 109 | 101 | 91 | 79 | 65 | 53 | 42 | 35 | 33 | 35 | 43 | 53 | 65 | 75 | 84 | 1836 | 76.5 | | 7:50 | 112 | * | * | * | * | * | * | 16:59 | 33 | * | * | * | * | * | * |
| 5 | 90 | 94 | 96 | 98 | 99 | 100 | 102 | 105 | 107 | 108 | 106 | 101 | 93 | 82 | 69 | 54 | 40 | 29 | 24 | 25 | 32 | 44 | 59 | 74 | 1831 | 76.3 | | 8:49 | 108 | * | * | * | * | * | * | 18:23 | 23 | * | * | * | * | * | * |
| 6 | 88 | 98 | 103 | 105 | 104 | 101 | 99 | 99 | 100 | 103 | 106 | 107 | 106 | 100 | 89 | 73 | 54 | 36 | 21 | 13 | 14 | 23 | 39 | 59 | 1840 | 76.7 | | 2:58 | 105 | 11: 3 | 107 | * | * | * | * | 6:42 | 99 | 19:26 | 12 | * | * | * | * |
| 7 | 78 | 95 | 106 | 111 | 109 | 104 | 97 | 92 | 91 | 93 | 99 | 106 | 112 | 114 | 109 | 96 | 76 | 53 | 30 | 12 | 3 | 6 | 19 | 39 | 1850 | 77.1 | | 3:13 | 111 | 12:47 | 114 | * | * | * | * | 7:53 | 91 | 20:17 | 3 | * | * | * | * |
| 8 | 64 | 87 | 104 | 114 | 114 | 108 | 97 | 87 | 81 | 80 | 86 | 97 | 110 | 120 | 123 | 117 | 101 | 77 | 49 | 23 | 5 | -2 | 4 | 22 | 1868 | 77.8 | | 3:34 | 115 | 13:53 | 123 | * | * | * | * | 8:35 | 80 | 21: 2 | #-2 | * | * | * | * |
| 9 | 47 | 75 | 98 | 113 | 118 | 112 | 100 | 84 | 72 | 67 | 69 | 80 | 97 | 114 | 128 | 131 | 123 | 103 | 75 | 45 | 19 | 3 | 0 | 11 | 1884 | 78.5 | | 3:56 | 118 | 14:48 | 131 | * | * | * | * | 9:11 | 66 | 21:42 | -1 | * | * | * | * |
| 10 | 33 | 62 | 90 | 110 | 119 | 117 | 104 | 86 | 67 | 55 | 52 | 59 | 76 | 98 | 119 | 133 | 134 | 123 | 101 | 72 | 42 | 18 | 7 | 10 | 1887 | 78.6 | F | 4:17 | 120 | 15:38 | #135 | * | * | * | * | 9:48 | 52 | 22:18 | 7 | * | * | * | * |
| 11 | 26 | 52 | 81 | 106 | 120 | 122 | 111 | 92 | 69 | 49 | 38 | 39 | 52 | 73 | 99 | 121 | 133 | 132 | 119 | 96 | 68 | 41 | 23 | 19 | 1881 | 78.4 | | 4:37 | 122 | 16:27 | 134 | * | * | * | * | 10:25 | 37 | 22:51 | 18 | * | * | * | * |
| 12 | 27 | 47 | 74 | 101 | 119 | 126 | 119 | 101 | 77 | 52 | 33 | 26 | 31 | 48 | 72 | 98 | 119 | 128 | 125 | 111 | 90 | 65 | 45 | 34 | 1868 | 77.8 | | 4:57 | 126 | 17:15 | 129 | * | * | * | * | 11: 4 | 26 | 23:21 | 33 | * | * | * | * |
| 13 | 36 | 49 | 71 | 96 | 117 | 128 | 126 | 111 | 88 | 62 | 37 | 22 | 19 | 28 | 47 | 71 | 96 | 113 | 119 | 115 | 102 | 84 | 65 | 52 | 1854 | 77.3 | | 5:19 | 129 | 18: 4 | 119 | * | * | * | * | 11:44 | 18 | 23:49 | 49 | * | * | * | * |
| 14 | 49 | 56 | 72 | 93 | 114 | 128 | 131 | 121 | 101 | 76 | 50 | 29 | 17 | 18 | 29 | 47 | 70 | 90 | 104 | 108 | 104 | 94 | 81 | 69 | 1851 | 77.1 | | 5:43 | 131 | 18:57 | 108 | * | * | * | * | 12:27 | 16 | * | * | * | * | * | * |
| 15 | 63 | 65 | 75 | 91 | 109 | 124 | 131 | 127 | 113 | 91 | 67 | 44 | 26 | 19 | 21 | 32 | 48 | 66 | 82 | 93 | 96 | 94 | 88 | 81 | 1846 | 76.9 | | 6: 9 | 131 | 20: 3 | 96 | * | * | * | * | 0:14 | 63 | 13:15 | 18 | * | * | * | * |
| 16 | 76 | 75 | 81 | 91 | 104 | 118 | 127 | 128 | 120 | 104 | 84 | 63 | 43 | 30 | 24 | 26 | 35 | 47 | 61 | 74 | 82 | 87 | 88 | 87 | 1855 | 77.3 | L | 6:38 | 129 | 22: 1 | 88 | * | * | * | * | 0:37 | 75 | 14:13 | 24 | * | * | * | * |
| 17 | 85 | 85 | 86 | 92 | 100 | 109 | 118 | 122 | 120 | 111 | 97 | 81 | 64 | 48 | 37 | 31 | 31 | 36 | 44 | 55 | 66 | 75 | 82 | 87 | 1862 | 77.6 | | 7:13 | 122 | * | * | * | * | 0:53 | 85 | 15:33 | 30 | * | * | * | * | | |
| 18 | 90 | 92 | 93 | 94 | 97 | 102 | 107 | 112 | 114 | 111 | 104 | 94 | 82 | 69 | 55 | 44 | 36 | 32 | 34 | 40 | 49 | 60 | 72 | 82 | 1865 | 77.7 | | 8: 0 | 114 | * | * | * | * | 17:14 | 32 | * | * | * | * | * | * | | |
| 19 | 91 | 97 | 99 | 99 | 97 | 96 | 97 | 99 | 102 | 104 | 105 | 102 | 96 | 87 | 76 | 62 | 48 | 37 | 31 | 30 | 35 | 45 | 59 | 74 | 1868 | 77.8 | | 2:18 | 99 | 9:36 | 105 | * | * | * | * | 5: 9 | 96 | 18:38 | 29 | * | * | * | * |
| 20 | 88 | 98 | 104 | 104 | 100 | 94 | 90 | 87 | 88 | 92 | 98 | 102 | 104 | 101 | 94 | 81 | 65 | 48 | 34 | 26 | 26 | 33 | 46 | 63 | 1866 | 77.8 | | 2:33 | 105 | 11:57 | 104 | * | * | * | * | 7: 9 | 87 | 19:36 | 25 | * | * | * | * |
| 21 | 81 | 96 | 106 | 109 | 105 | 96 | 86 | 79 | 76 | 78 | 86 | 95 | 104 | 109 | 107 | 99 | 83 | 64 | 44 | 30 | 22 | 24 | 34 | 52 | 1865 | 77.7 | | 2:54 | 109 | 13:17 | 109 | * | * | * | * | 8: 1 | 76 | 20:19 | 22 | * | * | * | * |
| 22 | 72 | 92 | 106 | 112 | 110 | 100 | 87 | 74 | 66 | 65 | 71 | 83 | 98 | 110 | 115 | 112 | 100 | 81 | 59 | 39 | 25 | 21 | 27 | 42 | 1867 | 77.8 | | 3:14 | 112 | 14: 9 | 116 | * | * | * | * | 8:38 | 64 | 20:55 | 21 | * | * | * | * |
| 23 | 63 | 85 | 103 | 113 | 114 | 105 | 90 | 73 | 60 | 54 | 57 | 68 | 86 | 104 | 117 | 120 | 114 | 98 | 76 | 52 | 33 | 23 | 24 | 35 | 1867 | 77.8 | | 3:33 | 115 | 14:52 | 121 | * | * | * | * | 9:10 | 54 | 21:26 | 22 | * | * | * | * |
| 24 | 54 | 78 | 99 | 113 | 116 | 110 | 95 | 76 | 58 | 46 | 44 | 53 | 70 | 91 | 111 | 122 | 122 | 111 | 92 | 68 | 46 | 31 | 26 | 33 | 1865 | 77.7 | N | 3:51 | 117 | 15:30 | 123 | * | * | * | * | 9:40 | 44 | 21:55 | 26 | * | * | * | * |
| 25 | 49 | 71 | 94 | 111 | 118 | 114 | 101 | 81 | 59 | 43 | 35 | 39 | 54 | 76 | 99 | 117 | 124 | 119 | 105 | 83 | 61 | 42 | 33 | 35 | 1863 | 77.6 | | 4: 9 | 118 | 16: 7 | 124 | * | * | * | * | 10: 9 | 35 | 22:21 | 32 | * | * | * | * |
| 26 | 47 | 66 | 89 | 108 | 119 | 118 | 107 | 87 | 64 | 44 | 31 | 29 | 39 | 59 | 83 | 105 | 119 | 122 | 113 | 96 | 75 | 56 | 43 | 40 | 1859 | 77.5 | | 4:26 | 120 | 16:43 | 123 | * | * | * | * | 10:38 | 28 | 22:46 | 40 | * | * | * | * |
| 27 | 48 | 64 | 85 | 105 | 118 | 121 | 112 | 94 | 71 | 48 | 31 | 24 | 28 | 43 | 66 | 90 | 109 | 119 | 117 | 105 | 88 | 69 | 55 | 48 | 1858 | 77.4 | | 4:44 | 121 | 17:20 | 119 | * | * | * | * | 11: 7 | 23 | 23: 9 | 48 | * | * | * | * |
| 28 | 52 | 64 | 82 | 101 | 116 | 122 | 117 | 102 | 80 | 56 | 35 | 23 | 22 | 31 | 50 | 73 | 95 | 110 | 114 | 109 | 97 | 81 | 67 | 58 | 1857 | 77.4 | | 5: 3 | 122 | 17:58 | 114 | * | * | * | * | 11:37 | 21 | 23:31 | 57 | * | * | * | * |
| 29 | 58 | 66 | 81 | 98 | 113 | 121 | 119 | 108 | 88 | 65 | 43 | 27 | 20 | 24 | 37 | 57 | 78 | 96 | 106 | 108 | 101 | 90 | 78 | 69 | 1851 | 77.1 | | 5:21 | 122 | 18:39 | 108 | * | * | * | * | 12: 9 | 20 | 23:53 | 66 | * | * | * | * |
| 30 | 66 | 71 | 81 | 95 | 109 | 118 | 120 | 112 | 96 | 76 | 54 | 36 | 24 | 22 | 29 | 43 | 61 | 79 | 93 | 100 | 100 | 95 | 86 | 79 | 1845 | 76.9 | | 5:41 | 120 | 19:29 | 101 | * | * | * | * | 12:44 | 22 | * | * | * | * | * | * |
| 31 | 75 | 77 | 84 | 94 | 105 | 114 | 118 | 114 | 103 | 86 | 66 | 48 | 33 | 25 | 26 | 33 | 45 | 60 | 75 | 87 | 93 | 94 | 91 | 87 | 1833 | 76.4 | | 6: 2 | 118 | 20:41 | 94 | * | * | * | * | 0:14 | 75 | 13:29 | 25 | * | * | * | * |

| 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 |
| 744 | 57622 | 77.4 | 10日 15時 38分 | 135 | 1 | 8日 21時 2分 | -2 | 1 |

推算潮位（毎時・満干潮）

地点名：久慈

緯度：40 °12 N

経度：141 °48 E

潮位表基準面の零点：平均海面下 89.0(cm)

2020 年 4 月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|------|------|-------|-----|----|----|----|----|------|-------|-------|-------|----|----|----|----|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | |
| 1 | 84 | 84 | 88 | 94 | 102 | 110 | 114 | 114 | 107 | 95 | 79 | 62 | 47 | 35 | 29 | 29 | 34 | 43 | 56 | 69 | 79 | 86 | 90 | 92 | 1822 | 75.9 | U | 6:25 | 115 | * | * | * | * | * | * | * | 0:33 | 84 | 14:34 | 28 | * | * | * | * |
| 2 | 92 | 92 | 93 | 96 | 100 | 105 | 108 | 110 | 107 | 101 | 90 | 77 | 64 | 51 | 40 | 32 | 29 | 31 | 38 | 49 | 61 | 73 | 83 | 91 | 1813 | 75.5 | | 6:55 | 110 | * | * | * | * | * | * | * | 16: 7 | 29 | * | * | * | * | * | * |
| 3 | 96 | 98 | 99 | 99 | 99 | 100 | 101 | 102 | 103 | 101 | 98 | 91 | 82 | 71 | 58 | 45 | 34 | 27 | 25 | 31 | 41 | 55 | 71 | 85 | 1812 | 75.5 | | 7:55 | 103 | * | * | * | * | * | * | * | 17:42 | 25 | * | * | * | * | * | * |
| 4 | 96 | 102 | 105 | 103 | 99 | 95 | 92 | 91 | 93 | 95 | 98 | 99 | 98 | 91 | 81 | 66 | 49 | 33 | 23 | 19 | 25 | 37 | 55 | 74 | 1819 | 75.8 | | 2: 2 | 105 | 10:58 | 99 | * | * | * | * | * | 6:52 | 91 | 18:53 | 19 | * | * | * | * |
| 5 | 91 | 103 | 109 | 108 | 101 | 92 | 84 | 79 | 78 | 82 | 90 | 98 | 105 | 107 | 102 | 90 | 72 | 50 | 31 | 19 | 16 | 23 | 39 | 61 | 1830 | 76.3 | | 2:20 | 109 | 12:49 | 107 | * | * | * | * | * | 7:39 | 78 | 19:47 | 16 | * | * | * | * |
| 6 | 83 | 101 | 111 | 113 | 106 | 93 | 79 | 67 | 62 | 63 | 72 | 86 | 102 | 114 | 118 | 112 | 97 | 75 | 51 | 30 | 18 | 18 | 29 | 49 | 1849 | 77.0 | | 2:40 | 113 | 13:57 | 118 | * | * | * | * | * | 8:16 | 61 | 20:33 | 17 | * | * | * | * |
| 7 | 73 | 96 | 112 | 117 | 112 | 98 | 78 | 60 | 47 | 43 | 50 | 65 | 86 | 107 | 122 | 126 | 119 | 101 | 76 | 51 | 31 | 23 | 26 | 41 | 1860 | 77.5 | | 3: 0 | 117 | 14:52 | 126 | * | * | * | * | * | 8:52 | 43 | 21:12 | 22 | * | * | * | * |
| 8 | 65 | 90 | 111 | 121 | 119 | 106 | 84 | 60 | 39 | 27 | 28 | 40 | 61 | 88 | 112 | 127 | 130 | 120 | 101 | 76 | 52 | 36 | 33 | 41 | 1867 | 77.8 | F | 3:20 | 122 | 15:43 | 130 | * | * | * | * | * | 9:28 | 26 | 21:48 | 32 | * | * | * | * |
| 9 | 60 | 85 | 108 | 124 | 126 | 116 | 95 | 67 | 40 | 20 | 12 | 17 | 35 | 61 | 90 | 114 | 128 | 128 | 117 | 98 | 75 | 56 | 46 | 47 | 1865 | 77.7 | | 3:42 | 127 | 16:33 | 130 | * | * | * | * | * | 10: 6 | 12 | 22:21 | 45 | * | * | * | * |
| 10 | 60 | 81 | 105 | 124 | 132 | 126 | 108 | 81 | 51 | 23 | 6 | 3 | 13 | 35 | 63 | 92 | 114 | 124 | 123 | 111 | 94 | 75 | 62 | 58 | 1864 | 77.7 | | 4: 5 | 132 | 17:22 | 125 | * | * | * | * | * | 10:45 | 2 | 22:51 | 58 | * | * | * | * |
| 11 | 64 | 80 | 101 | 121 | 134 | 134 | 121 | 97 | 67 | 37 | 13 | 0 | 1 | 15 | 38 | 66 | 92 | 110 | 117 | 114 | 104 | 90 | 77 | 69 | 1862 | 77.6 | | 4:30 | 136 | 18:12 | 117 | * | * | * | * | * | 11:24 | # -1 | 23:20 | 69 | * | * | * | * |
| 12 | 71 | 81 | 97 | 116 | 131 | 137 | 130 | 112 | 85 | 56 | 29 | 9 | 1 | 6 | 21 | 44 | 68 | 90 | 103 | 108 | 106 | 98 | 88 | 80 | 1867 | 77.8 | | 4:58 | #137 | 19: 7 | 108 | * | * | * | * | * | 12: 6 | 1 | 23:49 | 78 | * | * | * | * |
| 13 | 78 | 83 | 95 | 109 | 124 | 133 | 133 | 121 | 101 | 76 | 50 | 27 | 13 | 9 | 15 | 29 | 49 | 69 | 85 | 96 | 100 | 99 | 94 | 89 | 1877 | 78.2 | | 5:28 | 134 | 20:15 | 100 | * | * | * | * | * | 12:51 | 9 | * | * | * | * | * | * |
| 14 | 85 | 86 | 93 | 103 | 114 | 124 | 128 | 124 | 111 | 92 | 70 | 49 | 31 | 21 | 19 | 25 | 37 | 52 | 67 | 81 | 89 | 94 | 95 | 94 | 1884 | 78.5 | | 6: 1 | 128 | 21:58 | 95 | * | * | * | * | * | 0:19 | 85 | 13:44 | 19 | * | * | * | * |
| 15 | 92 | 91 | 92 | 97 | 104 | 112 | 117 | 118 | 113 | 101 | 86 | 69 | 53 | 40 | 32 | 30 | 33 | 41 | 53 | 65 | 77 | 85 | 92 | 95 | 1888 | 78.7 | L | 6:39 | 119 | * | * | * | * | * | * | 0:58 | 91 | 14:52 | 30 | * | * | * | * | |
| 16 | 96 | 96 | 95 | 95 | 96 | 100 | 104 | 107 | 107 | 103 | 95 | 84 | 72 | 60 | 49 | 41 | 37 | 38 | 43 | 52 | 63 | 75 | 85 | 94 | 1887 | 78.6 | | 0: 2 | 96 | 7:32 | 107 | * | * | * | * | * | 2:32 | 94 | 16:22 | 37 | * | * | * | * |
| 17 | 99 | 101 | 99 | 96 | 92 | 90 | 90 | 92 | 95 | 97 | 96 | 93 | 87 | 79 | 68 | 57 | 47 | 40 | 39 | 43 | 51 | 64 | 77 | 90 | 1882 | 78.4 | | 0:59 | 101 | 9:22 | 97 | * | * | * | * | * | 5:25 | 90 | 17:47 | 39 | * | * | * | * |
| 18 | 99 | 104 | 104 | 99 | 92 | 84 | 79 | 78 | 80 | 85 | 91 | 95 | 96 | 93 | 86 | 75 | 61 | 49 | 41 | 39 | 43 | 53 | 68 | 83 | 1877 | 78.2 | | 1:30 | 105 | 11:48 | 96 | * | * | * | * | * | 6:53 | 78 | 18:50 | 38 | * | * | * | * |
| 19 | 97 | 106 | 109 | 105 | 95 | 83 | 73 | 66 | 65 | 70 | 79 | 90 | 98 | 102 | 100 | 91 | 78 | 62 | 48 | 40 | 39 | 46 | 59 | 76 | 1877 | 78.2 | | 1:55 | 109 | 13: 9 | 102 | * | * | * | * | * | 7:38 | 65 | 19:38 | 38 | * | * | * | * |
| 20 | 93 | 106 | 112 | 110 | 101 | 86 | 70 | 58 | 52 | 54 | 64 | 78 | 93 | 105 | 109 | 105 | 94 | 78 | 60 | 47 | 40 | 42 | 52 | 69 | 1878 | 78.3 | | 2:17 | 112 | 14: 3 | 109 | * | * | * | * | * | 8:13 | 52 | 20:16 | 40 | * | * | * | * |
| 21 | 87 | 104 | 114 | 115 | 107 | 91 | 72 | 54 | 43 | 40 | 47 | 62 | 82 | 100 | 112 | 115 | 108 | 94 | 75 | 58 | 46 | 43 | 49 | 63 | 1881 | 78.4 | | 2:37 | 116 | 14:47 | 115 | * | * | * | * | * | 8:45 | 40 | 20:50 | 43 | * | * | * | * |
| 22 | 82 | 101 | 114 | 119 | 113 | 98 | 77 | 55 | 38 | 29 | 32 | 46 | 66 | 89 | 108 | 118 | 117 | 107 | 90 | 72 | 56 | 48 | 50 | 60 | 1885 | 78.5 | | 2:56 | 119 | 15:26 | 119 | * | * | * | * | * | 9:15 | 29 | 21:20 | 48 | * | * | * | * |
| 23 | 77 | 97 | 113 | 121 | 119 | 105 | 84 | 60 | 38 | 24 | 21 | 30 | 49 | 74 | 98 | 115 | 121 | 117 | 104 | 86 | 69 | 57 | 54 | 60 | 1893 | 78.9 | N | 3:16 | 122 | 16: 4 | 121 | * | * | * | * | * | 9:44 | 20 | 21:49 | 54 | * | * | * | * |
| 24 | 75 | 93 | 111 | 122 | 123 | 113 | 93 | 68 | 43 | 23 | 14 | 17 | 33 | 56 | 83 | 106 | 119 | 121 | 113 | 98 | 81 | 68 | 61 | 63 | 1897 | 79.0 | | 3:35 | 124 | 16:41 | 122 | * | * | * | * | * | 10:13 | 14 | 22:15 | 60 | * | * | * | * |
| 25 | 74 | 90 | 108 | 121 | 126 | 119 | 102 | 78 | 51 | 28 | 13 | 10 | 20 | 40 | 66 | 91 | 111 | 120 | 118 | 108 | 93 | 79 | 69 | 68 | 1903 | 79.3 | | 3:55 | 126 | 17:19 | 120 | * | * | * | * | * | 10:43 | 9 | 22:41 | 67 | * | * | * | * |
| 26 | 74 | 88 | 104 | 119 | 126 | 124 | 110 | 88 | 62 | 36 | 17 | 8 | 12 | 26 | 49 | 75 | 97 | 112 | 117 | 112 | 102 | 89 | 79 | 74 | 1900 | 79.2 | | 4:16 | 127 | 17:58 | 117 | * | * | * | * | * | 11:14 | 8 | 23: 6 | 74 | * | * | * | * |
| 27 | 77 | 87 | 101 | 115 | 125 | 126 | 117 | 99 | 74 | 49 | 26 | 12 | 9 | 17 | 34 | 57 | 81 | 99 | 110 | 112 | 106 | 97 | 88 | 81 | 1899 | 79.1 | | 4:38 | 127 | 18:42 | 112 | * | * | * | * | * | 11:47 | 9 | 23:32 | 81 | * | * | * | * |
| 28 | 81 | 87 | 98 | 110 | 121 | 125 | 121 | 107 | 87 | 63 | 40 | 22 | 13 | 14 | 24 | 41 | 62 | 83 | 98 | 105 | 106 | 102 | 95 | 89 | 1894 | 78.9 | | 5: 1 | 125 | 19:36 | 107 | * | * | * | * | * | 12:24 | 12 | 23:59 | 87 | * | * | * | * |
| 29 | 87 | 89 | 96 | 106 | 115 | 121 | 121 | 113 | 97 | 77 | 56 | 37 | 23 | 17 | 20 | 30 | 46 | 64 | 81 | 94 | 100 | 102 | 100 | 96 | 1888 | 78.7 | | 5:27 | 122 | 20:51 | 102 | * | * | * | * | * | 13:10 | 17 | * | * | * | * | * | * |
| 30 | 93 | 93 | 96 | 102 | 109 | 115 | 117 | 114 | 104 | 90 | 72 | 55 | 39 | 28 | 23 | 26 | 34 | 47 | 62 | 77 | 89 | 97 | 100 | 100 | 1882 | 78.4 | | 5:58 | 117 | 22:36 | 101 | * | * | * | * | * | 0:33 | 92 | 14:10 | 23 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|-----|-------|------|---------------|-----|----|----------------|----|----|
| | | | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 720 | 56102 | 77.9 | 12 日 4 時 58 分 | 137 | 1 | 11 日 11 時 24 分 | -1 | 1 |

推算潮位（毎時・満干潮）

地点名：久慈

緯度：40°12' N

経度：141°48' E

潮位表基準面の零点：平均海面下 89.0(cm)

2020年5月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | 干潮 | | | | | | | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|------|------|-------|-----|----|----|----|----|------|-------|-------|-------|----|----|----|----|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | |
| 1 | 99 | 97 | 97 | 99 | 102 | 106 | 109 | 109 | 106 | 98 | 87 | 73 | 59 | 46 | 35 | 30 | 30 | 35 | 46 | 60 | 75 | 87 | 96 | 102 | 1883 | 78.5 | U | 6:40 | 109 | * | * | * | * | * | * | * | 1:38 | 97 | 15:31 | 29 | * | * | * | * |
| 2 | 104 | 102 | 100 | 97 | 95 | 95 | 96 | 98 | 100 | 99 | 96 | 89 | 80 | 68 | 55 | 43 | 35 | 32 | 35 | 45 | 59 | 75 | 89 | 100 | 1887 | 78.6 | | 0:1 | 104 | 8:16 | 100 | * | * | * | * | * | 4:34 | 95 | 16:59 | 32 | * | * | * | * |
| 3 | 106 | 107 | 104 | 97 | 90 | 85 | 82 | 82 | 86 | 91 | 95 | 98 | 96 | 89 | 79 | 65 | 50 | 39 | 34 | 37 | 47 | 62 | 80 | 96 | 1897 | 79.0 | | 0:42 | 108 | 11:5 | 98 | * | * | * | * | * | 6:20 | 82 | 18:10 | 34 | * | * | * | * |
| 4 | 107 | 112 | 109 | 101 | 89 | 77 | 68 | 64 | 66 | 74 | 84 | 95 | 103 | 105 | 101 | 89 | 73 | 56 | 43 | 37 | 41 | 53 | 70 | 90 | 1907 | 79.5 | | 1:10 | 112 | 12:50 | 106 | * | * | * | * | * | 7:9 | 64 | 19:7 | 37 | * | * | * | * |
| 5 | 106 | 115 | 116 | 108 | 93 | 75 | 58 | 48 | 45 | 50 | 64 | 81 | 98 | 111 | 115 | 111 | 97 | 79 | 61 | 48 | 44 | 50 | 64 | 84 | 1921 | 80.0 | | 1:35 | 117 | 13:59 | 115 | * | * | * | * | * | 7:49 | 45 | 19:54 | 44 | * | * | * | * |
| 6 | 104 | 118 | 123 | 117 | 102 | 80 | 57 | 37 | 27 | 27 | 38 | 57 | 81 | 103 | 118 | 123 | 117 | 103 | 83 | 65 | 54 | 53 | 62 | 79 | 1928 | 80.3 | | 1:58 | 123 | 14:57 | 123 | * | * | * | * | * | 8:28 | 26 | 20:36 | 53 | * | * | * | * |
| 7 | 100 | 118 | 129 | 127 | 115 | 92 | 64 | 37 | 17 | 9 | 14 | 31 | 56 | 84 | 108 | 123 | 127 | 120 | 105 | 86 | 70 | 63 | 66 | 77 | 1938 | 80.8 | F | 2:24 | 130 | 15:50 | 127 | * | * | * | * | * | 9:8 | 9 | 21:14 | 63 | * | * | * | * |
| 8 | 96 | 116 | 132 | 136 | 127 | 107 | 79 | 48 | 20 | 2 | -2 | 8 | 29 | 58 | 88 | 112 | 125 | 127 | 119 | 104 | 88 | 76 | 72 | 79 | 1946 | 81.1 | | 2:51 | 136 | 16:41 | 127 | * | * | * | * | * | 9:47 | -2 | 21:50 | 72 | * | * | * | * |
| 9 | 93 | 112 | 130 | 140 | 138 | 123 | 97 | 66 | 33 | 8 | -6 | -6 | 8 | 33 | 63 | 91 | 113 | 123 | 123 | 115 | 102 | 89 | 81 | 82 | 1951 | 81.3 | | 3:20 | 141 | 17:31 | 124 | * | * | * | * | * | 10:28 | #-8 | 22:24 | 80 | * | * | * | * |
| 10 | 91 | 107 | 124 | 139 | 143 | 135 | 115 | 86 | 54 | 24 | 2 | -7 | -2 | 15 | 40 | 68 | 94 | 111 | 119 | 118 | 110 | 99 | 90 | 86 | 1961 | 81.7 | | 3:52 | #143 | 18:22 | 119 | * | * | * | * | * | 11:8 | -7 | 22:59 | 86 | * | * | * | * |
| 11 | 90 | 101 | 116 | 131 | 141 | 140 | 127 | 104 | 76 | 46 | 20 | 4 | -1 | 7 | 25 | 49 | 74 | 95 | 108 | 113 | 112 | 106 | 97 | 91 | 1972 | 82.2 | | 4:26 | 142 | 19:15 | 114 | * | * | * | * | * | 11:50 | -1 | 23:36 | 90 | * | * | * | * |
| 12 | 91 | 97 | 107 | 121 | 132 | 137 | 132 | 117 | 94 | 68 | 43 | 22 | 11 | 10 | 19 | 36 | 57 | 78 | 94 | 105 | 108 | 107 | 102 | 97 | 1985 | 82.7 | | 5:2 | 137 | 20:13 | 109 | * | * | * | * | * | 12:33 | 9 | * | * | * | * | * | * |
| 13 | 93 | 94 | 100 | 109 | 119 | 127 | 129 | 121 | 106 | 86 | 64 | 44 | 28 | 21 | 22 | 31 | 46 | 63 | 80 | 94 | 102 | 105 | 105 | 101 | 1990 | 82.9 | | 5:40 | 129 | 21:19 | 105 | * | * | * | * | * | 0:19 | 93 | 13:21 | 20 | * | * | * | * |
| 14 | 97 | 94 | 95 | 99 | 106 | 113 | 118 | 117 | 110 | 97 | 81 | 64 | 49 | 37 | 32 | 34 | 41 | 53 | 68 | 82 | 93 | 101 | 105 | 104 | 1990 | 82.9 | L | 6:25 | 118 | 22:28 | 105 | * | * | * | * | * | 1:18 | 94 | 14:16 | 32 | * | * | * | * |
| 15 | 101 | 97 | 94 | 93 | 94 | 98 | 103 | 106 | 106 | 101 | 92 | 80 | 68 | 56 | 47 | 43 | 43 | 49 | 59 | 71 | 84 | 95 | 103 | 106 | 1989 | 82.9 | | 7:25 | 107 | 23:25 | 107 | * | * | * | * | * | 2:52 | 93 | 15:23 | 42 | * | * | * | * |
| 16 | 106 | 102 | 96 | 91 | 87 | 86 | 87 | 91 | 95 | 97 | 95 | 90 | 83 | 74 | 64 | 56 | 50 | 50 | 54 | 63 | 75 | 88 | 99 | 106 | 1985 | 82.7 | | 9:5 | 97 | * | * | * | * | * | * | 4:50 | 86 | 16:38 | 49 | * | * | * | * | |
| 17 | 109 | 108 | 102 | 93 | 84 | 77 | 73 | 75 | 79 | 86 | 91 | 94 | 93 | 89 | 81 | 72 | 62 | 56 | 54 | 59 | 68 | 80 | 94 | 105 | 1984 | 82.7 | | 0:8 | 110 | 11:18 | 94 | * | * | * | * | * | 6:11 | 73 | 17:46 | 54 | * | * | * | * |
| 18 | 112 | 113 | 108 | 98 | 85 | 72 | 63 | 60 | 63 | 70 | 81 | 91 | 97 | 99 | 96 | 88 | 77 | 67 | 60 | 58 | 64 | 74 | 88 | 101 | 1985 | 82.7 | | 0:42 | 113 | 12:51 | 99 | * | * | * | * | * | 7:2 | 60 | 18:41 | 58 | * | * | * | * |
| 19 | 112 | 117 | 114 | 105 | 90 | 73 | 58 | 48 | 47 | 53 | 66 | 81 | 95 | 104 | 106 | 102 | 93 | 80 | 69 | 63 | 63 | 70 | 82 | 97 | 1988 | 82.8 | | 1:10 | 117 | 13:52 | 106 | * | * | * | * | * | 7:41 | 47 | 19:27 | 62 | * | * | * | * |
| 20 | 111 | 119 | 120 | 112 | 97 | 77 | 57 | 42 | 34 | 37 | 48 | 66 | 85 | 102 | 111 | 113 | 107 | 95 | 82 | 71 | 67 | 69 | 79 | 93 | 1994 | 83.1 | | 1:35 | 121 | 14:40 | 113 | * | * | * | * | * | 8:15 | 34 | 20:7 | 67 | * | * | * | * |
| 21 | 108 | 120 | 124 | 119 | 106 | 85 | 61 | 40 | 27 | 23 | 31 | 48 | 71 | 93 | 110 | 118 | 117 | 108 | 95 | 82 | 73 | 72 | 78 | 90 | 1999 | 83.3 | | 2:0 | 124 | 15:22 | 119 | * | * | * | * | * | 8:47 | 23 | 20:43 | 72 | * | * | * | * |
| 22 | 105 | 119 | 127 | 126 | 115 | 95 | 70 | 44 | 25 | 15 | 17 | 31 | 53 | 79 | 102 | 117 | 123 | 118 | 108 | 94 | 83 | 77 | 79 | 88 | 2010 | 83.8 | | 2:24 | 128 | 16:2 | 123 | * | * | * | * | * | 9:19 | 14 | 21:16 | 77 | * | * | * | * |
| 23 | 102 | 117 | 128 | 131 | 123 | 106 | 81 | 53 | 29 | 12 | 8 | 16 | 36 | 62 | 88 | 110 | 122 | 124 | 117 | 105 | 93 | 84 | 82 | 87 | 2016 | 84.0 | N | 2:48 | 131 | 16:41 | 124 | * | * | * | * | * | 9:50 | 8 | 21:47 | 81 | * | * | * | * |
| 24 | 98 | 113 | 126 | 133 | 130 | 116 | 94 | 66 | 38 | 16 | 5 | 7 | 20 | 43 | 71 | 97 | 115 | 123 | 122 | 114 | 102 | 92 | 86 | 88 | 2015 | 84.0 | | 3:14 | 134 | 17:21 | 124 | * | * | * | * | * | 10:23 | 4 | 22:17 | 86 | * | * | * | * |
| 25 | 96 | 109 | 123 | 133 | 134 | 125 | 107 | 81 | 52 | 27 | 9 | 3 | 10 | 28 | 53 | 80 | 103 | 117 | 122 | 119 | 110 | 100 | 92 | 90 | 2023 | 84.3 | | 3:40 | 135 | 18:3 | 122 | * | * | * | * | * | 10:58 | 3 | 22:48 | 90 | * | * | * | * |
| 26 | 95 | 105 | 117 | 129 | 135 | 131 | 117 | 95 | 69 | 42 | 20 | 7 | 6 | 17 | 36 | 61 | 86 | 105 | 116 | 119 | 115 | 107 | 99 | 94 | 2023 | 84.3 | | 4:9 | 135 | 18:50 | 119 | * | * | * | * | * | 11:35 | 5 | 23:21 | 93 | * | * | * | * |
| 27 | 95 | 101 | 111 | 122 | 131 | 132 | 124 | 108 | 85 | 60 | 36 | 18 | 10 | 13 | 25 | 45 | 68 | 90 | 106 | 114 | 115 | 111 | 105 | 99 | 2024 | 84.3 | | 4:40 | 133 | 19:43 | 116 | * | * | * | * | * | 12:15 | 10 | * | * | * | * | * | * |
| 28 | 96 | 98 | 105 | 114 | 123 | 128 | 126 | 116 | 99 | 78 | 55 | 35 | 21 | 16 | 21 | 33 | 52 | 72 | 91 | 105 | 112 | 113 | 109 | 104 | 2022 | 84.3 | | 5:16 | 128 | 20:41 | 113 | * | * | * | * | * | 0:0 | 96 | 13:1 | 16 | * | * | * | * |
| 29 | 99 | 97 | 100 | 105 | 112 | 118 | 121 | 118 | 108 | 93 | 75 | 56 | 40 | 29 | 25 | 30 | 41 | 58 | 76 | 93 | 105 | 111 | 112 | 108 | 2030 | 84.6 | | 6:0 | 121 | 21:40 | 112 | * | * | * | * | * | 0:53 | 97 | 13:55 | 25 | * | * | * | * |
| 30 | 103 | 98 | 96 | 96 | 100 | 104 | 109 | 111 | 109 | 102 | 91 | 77 | 62 | 48 | 39 | 35 | 39 | 49 | 63 | 80 | 96 | 107 | 112 | 112 | 2038 | 84.9 | U | 7:3 | 111 | 22:33 | 113 | * | * | * | * | * | 2:16 | 96 | 14:59 | 35 | * | * | * | * |
| 31 | 108 | 101 | 94 | 89 | 87 | 88 | 92 | 97 | 101 | 102 | 99 | 93 | 83 | 71 | 59 | 50 | 46 | 48 | 56 | 70 | 86 | 101 | 111 | 116 | 2048 | 85.3 | | 8:48 | 102 | 23:15 | 116 | * | * | * | * | * | 4:10 | 87 | 16:10 | 45 | * | * | * | * |

| 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 | 61329 | 82.4 | 10日3時52分 | 143 | 1 | 9日10時28分 | -8 | 1 |

推算潮位 (毎時・満干潮)

地点名: 久慈

緯度: 40 °12 N

経度: 141 °48 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020 年 6 月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|------|-------|-----|----|----|------|----|-------|------|-------|-----|----|----|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1 | 114 | 108 | 98 | 87 | 78 | 73 | 72 | 76 | 83 | 91 | 98 | 100 | 98 | 92 | 82 | 71 | 61 | 55 | 57 | 65 | 78 | 94 | 108 | 118 | 2057 | 85.7 | | 11: 7 | 100 | 23:51 | 120 | * | * | * | * | 5:36 | 72 | 17:18 | 55 | * | * | * | * |
| 2 | 120 | 116 | 105 | 90 | 75 | 62 | 54 | 54 | 60 | 71 | 84 | 96 | 104 | 107 | 103 | 93 | 81 | 71 | 65 | 66 | 75 | 89 | 105 | 118 | 2064 | 86.0 | | 12:52 | 107 | * | * | * | * | 6:34 | 53 | 18:18 | 65 | * | * | * | * | | |
| 3 | 125 | 125 | 116 | 100 | 79 | 59 | 43 | 35 | 36 | 46 | 62 | 81 | 99 | 111 | 115 | 112 | 103 | 90 | 79 | 74 | 76 | 86 | 100 | 116 | 2068 | 86.2 | | 0:25 | 126 | 14: 6 | 115 | * | * | * | * | 7:22 | 34 | 19:11 | 74 | * | * | * | * |
| 4 | 128 | 133 | 128 | 113 | 91 | 66 | 42 | 25 | 18 | 22 | 36 | 58 | 82 | 103 | 117 | 123 | 120 | 109 | 96 | 86 | 82 | 86 | 97 | 112 | 2073 | 86.4 | | 0:59 | 133 | 15: 7 | 123 | * | * | * | * | 8: 7 | 18 | 19:59 | 82 | * | * | * | * |
| 5 | 128 | 138 | 139 | 128 | 108 | 81 | 52 | 26 | 9 | 5 | 13 | 32 | 58 | 85 | 108 | 123 | 127 | 123 | 113 | 100 | 91 | 89 | 95 | 108 | 2079 | 86.6 | | 1:34 | 140 | 16: 0 | 127 | * | * | * | * | 8:50 | 5 | 20:44 | 89 | * | * | * | * |
| 6 | 123 | 138 | 145 | 141 | 126 | 101 | 70 | 39 | 13 | 0 | -1 | 11 | 33 | 62 | 91 | 113 | 126 | 129 | 124 | 113 | 101 | 95 | 95 | 103 | 2091 | 87.1 | F | 2:11 | 145 | 16:50 | 129 | * | * | * | * | 9:33 | -2 | 21:26 | 94 | * | * | * | * |
| 7 | 117 | 132 | 145 | 148 | 140 | 120 | 92 | 59 | 29 | 6 | -4 | -1 | 15 | 40 | 69 | 96 | 116 | 126 | 127 | 121 | 111 | 101 | 96 | 99 | 2100 | 87.5 | | 2:49 | #149 | 17:37 | 128 | * | * | * | * | 10:15 | # -4 | 22: 7 | 96 | * | * | * | * |
| 8 | 109 | 123 | 138 | 148 | 147 | 135 | 112 | 83 | 51 | 23 | 4 | -1 | 6 | 24 | 50 | 78 | 102 | 118 | 125 | 124 | 117 | 107 | 99 | 97 | 2119 | 88.3 | | 3:28 | #149 | 18:22 | 125 | * | * | * | * | 10:56 | -1 | 22:49 | 97 | * | * | * | * |
| 9 | 102 | 113 | 127 | 140 | 146 | 142 | 127 | 103 | 74 | 45 | 21 | 8 | 6 | 16 | 36 | 61 | 86 | 106 | 118 | 122 | 120 | 112 | 103 | 97 | 2131 | 88.8 | | 4: 8 | 147 | 19: 5 | 122 | * | * | * | * | 11:37 | 5 | 23:32 | 96 | * | * | * | * |
| 10 | 97 | 103 | 114 | 127 | 138 | 141 | 134 | 117 | 94 | 67 | 43 | 24 | 15 | 18 | 30 | 49 | 72 | 93 | 109 | 117 | 119 | 115 | 108 | 100 | 2144 | 89.3 | | 4:49 | 141 | 19:46 | 119 | * | * | * | * | 12:17 | 15 | * | * | * | * | | |
| 11 | 95 | 96 | 103 | 113 | 124 | 131 | 132 | 123 | 107 | 86 | 64 | 44 | 30 | 26 | 31 | 44 | 62 | 81 | 99 | 111 | 117 | 116 | 112 | 104 | 2151 | 89.6 | | 5:32 | 133 | 20:26 | 117 | * | * | * | * | 0:20 | 95 | 12:57 | 26 | * | * | * | * |
| 12 | 97 | 93 | 94 | 100 | 108 | 117 | 122 | 121 | 112 | 98 | 81 | 63 | 48 | 40 | 38 | 45 | 57 | 73 | 90 | 104 | 113 | 116 | 115 | 109 | 2154 | 89.8 | | 6:20 | 122 | 21: 7 | 116 | * | * | * | * | 1:16 | 93 | 13:39 | 38 | * | * | * | * |
| 13 | 101 | 94 | 90 | 90 | 94 | 100 | 107 | 111 | 110 | 103 | 92 | 79 | 66 | 56 | 50 | 51 | 57 | 68 | 82 | 96 | 108 | 115 | 117 | 114 | 2151 | 89.6 | L | 7:18 | 111 | 21:49 | 117 | * | * | * | * | 2:28 | 89 | 14:26 | 50 | * | * | * | * |
| 14 | 107 | 98 | 90 | 84 | 83 | 85 | 90 | 96 | 101 | 101 | 97 | 90 | 82 | 72 | 65 | 61 | 62 | 67 | 77 | 90 | 102 | 112 | 117 | 117 | 2146 | 89.4 | | 8:39 | 101 | 22:32 | 118 | * | * | * | * | 3:55 | 83 | 15:21 | 61 | * | * | * | * |
| 15 | 113 | 105 | 94 | 84 | 76 | 73 | 74 | 79 | 86 | 92 | 96 | 96 | 93 | 88 | 81 | 75 | 71 | 71 | 76 | 85 | 97 | 108 | 116 | 120 | 2149 | 89.5 | | 10:33 | 97 | 23:13 | 120 | * | * | * | * | 5:15 | 73 | 16:26 | 70 | * | * | * | * |
| 16 | 118 | 112 | 101 | 88 | 75 | 65 | 60 | 62 | 69 | 78 | 88 | 96 | 99 | 99 | 95 | 89 | 83 | 79 | 79 | 84 | 92 | 103 | 113 | 121 | 2148 | 89.5 | | 12:26 | 100 | 23:52 | 123 | * | * | * | * | 6:15 | 60 | 17:31 | 78 | * | * | * | * |
| 17 | 123 | 119 | 109 | 95 | 78 | 63 | 52 | 48 | 51 | 61 | 74 | 88 | 100 | 106 | 107 | 104 | 97 | 90 | 85 | 85 | 90 | 99 | 110 | 120 | 2154 | 89.8 | | 13:43 | 107 | * | * | * | * | 7: 2 | 48 | 18:30 | 85 | * | * | * | * | | |
| 18 | 126 | 125 | 118 | 104 | 86 | 66 | 48 | 38 | 36 | 43 | 57 | 75 | 93 | 107 | 114 | 115 | 110 | 102 | 94 | 90 | 91 | 97 | 106 | 117 | 2158 | 89.9 | | 0:28 | 126 | 14:36 | 115 | * | * | * | * | 7:41 | 35 | 19:22 | 90 | * | * | * | * |
| 19 | 126 | 130 | 126 | 115 | 96 | 73 | 51 | 33 | 25 | 27 | 39 | 58 | 80 | 100 | 115 | 122 | 121 | 114 | 105 | 97 | 93 | 96 | 103 | 114 | 2159 | 90.0 | | 1: 2 | 130 | 15:21 | 122 | * | * | * | * | 8:18 | 24 | 20: 7 | 93 | * | * | * | * |
| 20 | 125 | 133 | 134 | 125 | 108 | 85 | 59 | 36 | 20 | 15 | 22 | 39 | 63 | 88 | 109 | 122 | 127 | 124 | 115 | 105 | 98 | 97 | 101 | 110 | 2160 | 90.0 | | 1:35 | 134 | 16: 2 | 127 | * | * | * | * | 8:55 | 15 | 20:48 | 96 | * | * | * | * |
| 21 | 122 | 133 | 138 | 135 | 122 | 100 | 72 | 45 | 23 | 10 | 10 | 22 | 44 | 70 | 97 | 117 | 128 | 129 | 124 | 114 | 105 | 99 | 100 | 106 | 2165 | 90.2 | N | 2: 9 | 138 | 16:42 | 130 | * | * | * | * | 9:31 | 9 | 21:25 | 99 | * | * | * | * |
| 22 | 117 | 130 | 139 | 141 | 133 | 115 | 89 | 60 | 33 | 13 | 5 | 9 | 26 | 51 | 79 | 105 | 122 | 130 | 129 | 122 | 112 | 103 | 100 | 103 | 2166 | 90.3 | | 2:43 | 142 | 17:22 | 131 | * | * | * | * | 10: 9 | 5 | 22: 2 | 100 | * | * | * | * |
| 23 | 111 | 124 | 136 | 143 | 141 | 129 | 107 | 79 | 49 | 24 | 8 | 4 | 13 | 33 | 60 | 88 | 111 | 125 | 130 | 127 | 118 | 108 | 101 | 100 | 2169 | 90.4 | | 3:19 | 144 | 18: 3 | 130 | * | * | * | * | 10:47 | 4 | 22:40 | 100 | * | * | * | * |
| 24 | 106 | 116 | 129 | 140 | 144 | 138 | 122 | 98 | 70 | 41 | 19 | 8 | 8 | 21 | 43 | 70 | 96 | 115 | 126 | 128 | 123 | 114 | 104 | 99 | 2178 | 90.8 | | 3:57 | 144 | 18:44 | 128 | * | * | * | * | 11:26 | 6 | 23:21 | 99 | * | * | * | * |
| 25 | 100 | 107 | 118 | 130 | 139 | 140 | 132 | 114 | 90 | 63 | 38 | 20 | 13 | 17 | 32 | 54 | 80 | 103 | 118 | 126 | 125 | 118 | 109 | 100 | 2186 | 91.1 | | 4:37 | 141 | 19:24 | 126 | * | * | * | * | 12: 7 | 13 | * | * | * | * | | |
| 26 | 97 | 99 | 106 | 117 | 128 | 135 | 134 | 124 | 106 | 84 | 60 | 39 | 26 | 22 | 29 | 45 | 66 | 89 | 109 | 121 | 125 | 122 | 114 | 104 | 2201 | 91.7 | | 5:23 | 135 | 20: 2 | 125 | * | * | * | * | 0: 7 | 97 | 12:49 | 22 | * | * | * | * |
| 27 | 96 | 93 | 95 | 102 | 112 | 121 | 126 | 125 | 115 | 100 | 81 | 62 | 45 | 36 | 35 | 44 | 59 | 79 | 99 | 114 | 123 | 124 | 119 | 109 | 2214 | 92.3 | | 6:16 | 127 | 20:38 | 125 | * | * | * | * | 1: 2 | 93 | 13:34 | 35 | * | * | * | * |
| 28 | 98 | 90 | 86 | 88 | 94 | 102 | 110 | 115 | 115 | 108 | 97 | 83 | 68 | 56 | 50 | 51 | 59 | 73 | 91 | 108 | 120 | 125 | 124 | 116 | 2227 | 92.8 | U | 7:25 | 116 | 21:14 | 126 | * | * | * | * | 2:10 | 86 | 14:22 | 49 | * | * | * | * |
| 29 | 104 | 92 | 82 | 77 | 77 | 81 | 89 | 97 | 104 | 107 | 104 | 98 | 89 | 78 | 69 | 65 | 66 | 74 | 87 | 102 | 116 | 125 | 128 | 124 | 2235 | 93.1 | | 9: 1 | 107 | 21:51 | 128 | * | * | * | * | 3:32 | 76 | 15:16 | 65 | * | * | * | * |
| 30 | 114 | 100 | 85 | 73 | 65 | 63 | 66 | 74 | 84 | 94 | 101 | 104 | 102 | 97 | 90 | 83 | 79 | 80 | 87 | 98 | 112 | 124 | 131 | 131 | 2237 | 93.2 | | 11:11 | 104 | 22:32 | 132 | * | * | * | * | 4:54 | 63 | 16:18 | 79 | * | * | * | * |

| 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 | 64434 | 89.5 | 8日 3時 28分 | 149 | 2 | 7日 10時 15分 | -4 | 1 |

推算潮位（毎時・満干潮）

地点名：久慈

緯度：40 °12 N

経度：141 °48 E

潮位表基準面の零点：平均海面下 89.0(cm)

2020 年 7 月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-------|-------|------|-------|-----|----|------|------|-------|-------|-----|-------|-----|----|----|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1 | 124 | 112 | 95 | 77 | 62 | 51 | 47 | 50 | 60 | 73 | 87 | 99 | 107 | 110 | 108 | 102 | 96 | 92 | 92 | 98 | 108 | 120 | 130 | 136 | 2236 | 93.2 | | 13: 7 | 110 | 23:17 | 136 | * | * | * | * | 6: 2 | 47 | 17:25 | 91 | * | * | * | * |
| 2 | 134 | 125 | 110 | 90 | 68 | 49 | 37 | 32 | 37 | 49 | 66 | 84 | 101 | 112 | 118 | 112 | 105 | 100 | 100 | 106 | 115 | 127 | 137 | 2232 | 93.0 | | 14:26 | 119 | * | * | * | * | 6:59 | 32 | 18:31 | 100 | * | * | * | * | | | |
| 3 | 141 | 138 | 126 | 108 | 84 | 59 | 37 | 23 | 20 | 26 | 42 | 63 | 85 | 105 | 119 | 126 | 125 | 119 | 111 | 105 | 105 | 111 | 120 | 132 | 2230 | 92.9 | | 0: 7 | 141 | 15:23 | 126 | * | * | * | * | 7:51 | 20 | 19:32 | 105 | * | * | * | * |
| 4 | 142 | 146 | 141 | 126 | 104 | 77 | 49 | 26 | 13 | 12 | 21 | 40 | 65 | 91 | 112 | 126 | 131 | 129 | 121 | 112 | 107 | 107 | 113 | 124 | 2235 | 93.1 | | 0:57 | 146 | 16:10 | 131 | * | * | * | * | 8:38 | 11 | 20:27 | 106 | * | * | * | * |
| 5 | 137 | 147 | 149 | 142 | 124 | 99 | 69 | 40 | 18 | 7 | 9 | 22 | 44 | 72 | 98 | 119 | 131 | 134 | 129 | 120 | 110 | 105 | 107 | 115 | 2247 | 93.6 | F | 1:46 | 150 | 16:52 | 134 | * | * | * | * | 9:23 | # 6 | 21:16 | 105 | * | * | * | * |
| 6 | 127 | 141 | 150 | 151 | 140 | 120 | 92 | 61 | 33 | 13 | 6 | 11 | 28 | 53 | 81 | 107 | 124 | 133 | 133 | 126 | 115 | 106 | 102 | 105 | 2258 | 94.1 | | 2:33 | #152 | 17:29 | 134 | * | * | * | * | 10: 5 | # 6 | 22: 1 | 102 | * | * | * | * |
| 7 | 115 | 129 | 144 | 152 | 149 | 136 | 113 | 84 | 54 | 28 | 13 | 10 | 19 | 39 | 65 | 92 | 115 | 128 | 133 | 129 | 120 | 108 | 100 | 98 | 2273 | 94.7 | | 3:18 | #152 | 18: 2 | 133 | * | * | * | * | 10:44 | 9 | 22:44 | 98 | * | * | * | * |
| 8 | 104 | 116 | 131 | 144 | 150 | 144 | 128 | 104 | 76 | 48 | 27 | 16 | 18 | 31 | 53 | 79 | 103 | 121 | 130 | 130 | 124 | 113 | 101 | 95 | 2286 | 95.3 | | 4: 2 | 150 | 18:32 | 131 | * | * | * | * | 11:20 | 16 | 23:25 | 94 | * | * | * | * |
| 9 | 95 | 103 | 116 | 131 | 142 | 144 | 136 | 118 | 94 | 68 | 45 | 29 | 25 | 31 | 47 | 69 | 93 | 113 | 126 | 130 | 126 | 117 | 105 | 95 | 2298 | 95.8 | | 4:44 | 145 | 19: 0 | 130 | * | * | * | * | 11:55 | 25 | * | * | * | * | | |
| 10 | 90 | 93 | 102 | 115 | 128 | 136 | 136 | 126 | 108 | 86 | 64 | 46 | 36 | 37 | 47 | 64 | 84 | 105 | 120 | 128 | 128 | 121 | 110 | 98 | 2308 | 96.2 | | 5:27 | 137 | 19:27 | 129 | * | * | * | * | 0: 8 | 90 | 12:28 | 35 | * | * | * | * |
| 11 | 89 | 86 | 90 | 99 | 111 | 122 | 128 | 125 | 115 | 99 | 80 | 63 | 51 | 47 | 51 | 63 | 80 | 98 | 114 | 125 | 128 | 124 | 115 | 104 | 2307 | 96.1 | | 6:13 | 128 | 19:55 | 128 | * | * | * | * | 0:55 | 86 | 13: 0 | 47 | * | * | * | * |
| 12 | 92 | 85 | 83 | 87 | 95 | 105 | 114 | 118 | 115 | 106 | 93 | 79 | 67 | 60 | 60 | 67 | 78 | 94 | 109 | 121 | 127 | 127 | 121 | 110 | 2313 | 96.4 | | 7: 5 | 118 | 20:25 | 128 | * | * | * | * | 1:49 | 83 | 13:33 | 59 | * | * | * | * |
| 13 | 98 | 88 | 80 | 78 | 81 | 88 | 97 | 104 | 108 | 106 | 100 | 91 | 82 | 75 | 72 | 74 | 81 | 92 | 104 | 116 | 125 | 128 | 125 | 117 | 2310 | 96.3 | L | 8:11 | 108 | 20:59 | 128 | * | * | * | * | 2:54 | 78 | 14: 9 | 72 | * | * | * | * |
| 14 | 106 | 94 | 83 | 75 | 72 | 73 | 79 | 88 | 95 | 100 | 102 | 99 | 95 | 90 | 86 | 85 | 87 | 93 | 102 | 112 | 121 | 127 | 127 | 123 | 2314 | 96.4 | | 9:47 | 102 | 21:36 | 128 | * | * | * | * | 4: 8 | 71 | 14:54 | 85 | * | * | * | * |
| 15 | 114 | 102 | 89 | 76 | 67 | 63 | 64 | 70 | 79 | 89 | 97 | 101 | 103 | 102 | 99 | 97 | 95 | 97 | 102 | 109 | 117 | 124 | 128 | 127 | 2311 | 96.3 | | 12: 2 | 103 | 22:20 | 128 | * | * | * | * | 5:18 | 62 | 16: 2 | 95 | * | * | * | * |
| 16 | 121 | 111 | 98 | 83 | 68 | 57 | 52 | 53 | 61 | 72 | 85 | 97 | 105 | 110 | 111 | 109 | 106 | 104 | 104 | 107 | 114 | 121 | 127 | 130 | 2306 | 96.1 | | 13:45 | 111 | 23:11 | 130 | * | * | * | * | 6:17 | 52 | 17:26 | 103 | * | * | * | * |
| 17 | 128 | 121 | 109 | 93 | 75 | 58 | 45 | 40 | 43 | 54 | 69 | 86 | 101 | 113 | 119 | 120 | 117 | 112 | 109 | 108 | 111 | 117 | 124 | 130 | 2302 | 95.9 | | 14:41 | 120 | * | * | * | * | 7: 6 | 40 | 18:41 | 108 | * | * | * | * | | |
| 18 | 133 | 130 | 121 | 106 | 86 | 64 | 45 | 33 | 29 | 36 | 50 | 70 | 91 | 109 | 121 | 127 | 126 | 121 | 115 | 110 | 110 | 113 | 120 | 128 | 2294 | 95.6 | | 0: 4 | 133 | 15:22 | 127 | * | * | * | * | 7:51 | 29 | 19:42 | 109 | * | * | * | * |
| 19 | 135 | 137 | 133 | 121 | 101 | 77 | 53 | 33 | 21 | 21 | 31 | 50 | 74 | 98 | 117 | 129 | 133 | 129 | 122 | 115 | 110 | 110 | 114 | 123 | 2287 | 95.3 | | 0:55 | 137 | 16: 0 | 133 | * | * | * | * | 8:33 | 20 | 20:32 | 109 | * | * | * | * |
| 20 | 133 | 141 | 142 | 135 | 119 | 95 | 68 | 41 | 22 | 13 | 16 | 30 | 54 | 81 | 106 | 125 | 135 | 135 | 129 | 120 | 111 | 107 | 109 | 116 | 2283 | 95.1 | | 1:43 | 143 | 16:35 | 136 | * | * | * | * | 9:15 | 12 | 21:15 | 107 | * | * | * | * |
| 21 | 127 | 139 | 146 | 146 | 135 | 115 | 88 | 58 | 31 | 14 | 8 | 16 | 35 | 62 | 91 | 115 | 131 | 137 | 134 | 126 | 115 | 106 | 103 | 107 | 2285 | 95.2 | N | 2:28 | 147 | 17: 9 | 137 | * | * | * | * | 9:55 | 8 | 21:55 | 103 | * | * | * | * |
| 22 | 117 | 131 | 144 | 150 | 147 | 133 | 109 | 80 | 49 | 24 | 10 | 9 | 21 | 44 | 73 | 101 | 123 | 135 | 137 | 130 | 119 | 107 | 100 | 99 | 2292 | 95.5 | | 3:12 | 150 | 17:42 | 137 | * | * | * | * | 10:35 | 8 | 22:35 | 98 | * | * | * | * |
| 23 | 106 | 118 | 133 | 146 | 151 | 145 | 128 | 102 | 73 | 44 | 22 | 13 | 16 | 32 | 57 | 86 | 112 | 129 | 136 | 134 | 124 | 110 | 98 | 92 | 2307 | 96.1 | | 3:57 | 151 | 18:13 | 137 | * | * | * | * | 11:14 | 12 | 23:16 | 92 | * | * | * | * |
| 24 | 94 | 103 | 118 | 133 | 145 | 147 | 139 | 121 | 96 | 68 | 43 | 26 | 22 | 30 | 48 | 74 | 100 | 122 | 134 | 136 | 128 | 115 | 100 | 89 | 2331 | 97.1 | | 4:44 | 148 | 18:40 | 136 | * | * | * | * | 11:51 | 21 | * | * | * | * | | |
| 25 | 85 | 89 | 100 | 115 | 130 | 139 | 140 | 131 | 113 | 90 | 66 | 47 | 36 | 36 | 48 | 67 | 91 | 114 | 130 | 136 | 133 | 121 | 106 | 91 | 2354 | 98.1 | | 5:34 | 141 | 19: 7 | 136 | * | * | * | * | 0: 0 | 85 | 12:27 | 35 | * | * | * | * |
| 26 | 80 | 78 | 83 | 94 | 108 | 122 | 130 | 130 | 122 | 107 | 88 | 70 | 56 | 51 | 55 | 68 | 87 | 108 | 125 | 136 | 136 | 128 | 114 | 97 | 2373 | 98.9 | | 6:29 | 131 | 19:33 | 137 | * | * | * | * | 0:49 | 77 | 13: 3 | 51 | * | * | * | * |
| 27 | 82 | 72 | 70 | 75 | 86 | 99 | 111 | 119 | 119 | 114 | 103 | 90 | 77 | 69 | 68 | 75 | 87 | 104 | 121 | 134 | 138 | 135 | 123 | 108 | 2379 | 99.1 | U | 7:35 | 120 | 20: 2 | 138 | * | * | * | * | 1:46 | 70 | 13:38 | 68 | * | * | * | * |
| 28 | 90 | 75 | 66 | 63 | 67 | 76 | 87 | 99 | 107 | 110 | 108 | 103 | 96 | 89 | 85 | 86 | 93 | 104 | 117 | 130 | 138 | 139 | 133 | 120 | 2381 | 99.2 | | 9: 6 | 110 | 20:36 | 140 | * | * | * | * | 2:54 | 63 | 14:17 | 85 | * | * | * | * |
| 29 | 104 | 86 | 71 | 60 | 55 | 57 | 64 | 75 | 87 | 97 | 103 | 107 | 107 | 105 | 102 | 100 | 101 | 106 | 115 | 126 | 135 | 140 | 139 | 131 | 2373 | 98.9 | | 11:34 | 107 | 21:19 | 141 | * | * | * | * | 4:14 | 55 | 15: 8 | 100 | * | * | * | * |
| 30 | 119 | 102 | 84 | 67 | 54 | 47 | 47 | 53 | 64 | 77 | 90 | 101 | 109 | 114 | 115 | 113 | 111 | 111 | 114 | 121 | 129 | 136 | 141 | 139 | 2358 | 98.3 | | 13:46 | 115 | 22:17 | 141 | * | * | * | * | 5:33 | 46 | 16:32 | 111 | * | * | * | * |
| 31 | 132 | 119 | 102 | 83 | 63 | 48 | 38 | 37 | 43 | 55 | 71 | 88 | 104 | 116 | 123 | 124 | 122 | 118 | 116 | 117 | 122 | 129 | 136 | 141 | 2347 | 97.8 | | 14:49 | 124 | 23:29 | 142 | * | * | * | * | 6:43 | 36 | 18:10 | 116 | * | * | * | * |

| 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 |
| 744 | 71410 | 96.0 | 7日 3時 18分 | 152 | 2 | 6日 10時 5分 | 6 | 2 |

推算潮位（毎時・満干潮）

地点名：久慈

緯度：40°12' N

経度：141°48' E

潮位表基準面の零点：平均海面下 89.0(cm)

2020年8月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---|-------|------|-------|-----|----|----|----|----|------|-------|-------|-------|-----|----|----|----|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | |
| 1 | 141 | 135 | 122 | 103 | 81 | 59 | 40 | 30 | 28 | 36 | 51 | 71 | 92 | 110 | 124 | 131 | 131 | 126 | 119 | 115 | 115 | 119 | 127 | 136 | 2342 | 97.6 | | 15:29 | 131 | * | * | * | * | * | * | * | 7:41 | 28 | 19:30 | 114 | * | * | * | * |
| 2 | 143 | 144 | 138 | 124 | 103 | 77 | 53 | 33 | 23 | 23 | 33 | 52 | 75 | 99 | 119 | 131 | 136 | 132 | 124 | 115 | 110 | 110 | 116 | 126 | 2339 | 97.5 | | 0:41 | 145 | 16:2 | 136 | * | * | * | * | * | 8:30 | 21 | 20:29 | 109 | * | * | * | * |
| 3 | 137 | 146 | 148 | 140 | 123 | 99 | 72 | 46 | 27 | 19 | 22 | 36 | 58 | 85 | 109 | 127 | 137 | 137 | 130 | 118 | 108 | 103 | 105 | 113 | 2345 | 97.7 | | 1:42 | 148 | 16:32 | 138 | * | * | * | * | * | 9:13 | 18 | 21:16 | 103 | * | * | * | * |
| 4 | 126 | 140 | 150 | 150 | 140 | 120 | 93 | 65 | 39 | 23 | 19 | 26 | 45 | 70 | 97 | 120 | 134 | 138 | 134 | 123 | 109 | 99 | 96 | 100 | 2356 | 98.2 | F | 2:33 | 151 | 16:59 | 138 | * | * | * | * | * | 9:52 | 19 | 21:56 | 96 | * | * | * | * |
| 5 | 112 | 128 | 143 | 152 | 149 | 136 | 113 | 85 | 57 | 35 | 23 | 24 | 36 | 58 | 85 | 111 | 129 | 138 | 136 | 127 | 113 | 99 | 90 | 90 | 2369 | 98.7 | | 3:18 | 152 | 17:23 | 138 | * | * | * | * | * | 10:26 | 22 | 22:33 | 89 | * | * | * | * |
| 6 | 98 | 113 | 131 | 145 | 151 | 145 | 128 | 104 | 77 | 51 | 34 | 28 | 35 | 51 | 75 | 101 | 123 | 135 | 138 | 131 | 118 | 102 | 89 | 83 | 2386 | 99.4 | | 4:0 | 151 | 17:45 | 138 | * | * | * | * | * | 10:58 | 28 | 23:9 | 83 | * | * | * | * |
| 7 | 86 | 98 | 115 | 132 | 144 | 146 | 137 | 118 | 94 | 69 | 49 | 38 | 39 | 50 | 70 | 93 | 116 | 132 | 138 | 134 | 123 | 107 | 91 | 80 | 2399 | 100.0 | | 4:40 | 147 | 18:6 | 138 | * | * | * | * | * | 11:27 | 37 | 23:46 | 78 | * | * | * | * |
| 8 | 78 | 85 | 98 | 116 | 131 | 140 | 138 | 126 | 108 | 86 | 66 | 51 | 47 | 53 | 68 | 89 | 110 | 127 | 136 | 136 | 127 | 113 | 96 | 82 | 2407 | 100.3 | | 5:21 | 141 | 18:27 | 137 | * | * | * | * | * | 11:54 | 47 | * | * | * | * | * | * |
| 9 | 75 | 75 | 84 | 99 | 115 | 127 | 132 | 128 | 116 | 99 | 81 | 67 | 59 | 61 | 71 | 87 | 105 | 123 | 134 | 137 | 131 | 119 | 103 | 87 | 2415 | 100.6 | | 6:3 | 132 | 18:49 | 137 | * | * | * | * | * | 0:24 | 74 | 12:20 | 59 | * | * | * | * |
| 10 | 76 | 71 | 74 | 84 | 97 | 111 | 121 | 123 | 118 | 107 | 94 | 81 | 73 | 71 | 76 | 88 | 103 | 118 | 130 | 136 | 134 | 124 | 110 | 95 | 2415 | 100.6 | | 6:50 | 123 | 19:12 | 136 | * | * | * | * | * | 1:6 | 71 | 12:45 | 71 | * | * | * | * |
| 11 | 81 | 72 | 69 | 73 | 82 | 94 | 105 | 113 | 114 | 110 | 102 | 93 | 86 | 83 | 85 | 92 | 103 | 115 | 127 | 134 | 134 | 129 | 117 | 103 | 2416 | 100.7 | | 7:47 | 115 | 19:37 | 135 | * | * | * | * | * | 1:55 | 69 | 13:9 | 83 | * | * | * | * |
| 12 | 89 | 77 | 69 | 67 | 70 | 77 | 88 | 98 | 105 | 107 | 106 | 102 | 98 | 95 | 95 | 98 | 105 | 114 | 123 | 130 | 133 | 131 | 123 | 112 | 2412 | 100.5 | L | 9:8 | 107 | 20:5 | 133 | * | * | * | * | * | 2:55 | 67 | 13:32 | 95 | * | * | * | * |
| 13 | 99 | 85 | 74 | 66 | 63 | 64 | 71 | 80 | 90 | 98 | 104 | 106 | 107 | 106 | 106 | 107 | 109 | 114 | 120 | 126 | 130 | 131 | 128 | 120 | 2404 | 100.2 | | 11:46 | 107 | 20:42 | 131 | * | * | * | * | * | 4:10 | 62 | 13:56 | 106 | * | * | * | * |
| 14 | 109 | 97 | 83 | 71 | 61 | 56 | 56 | 62 | 72 | 84 | 95 | 104 | 111 | 115 | 116 | 116 | 116 | 116 | 118 | 122 | 126 | 129 | 130 | 127 | 2392 | 99.7 | | 21:41 | 130 | * | * | * | * | * | * | 5:26 | 55 | * | * | * | * | * | * | |
| 15 | 120 | 110 | 96 | 81 | 66 | 53 | 46 | 46 | 53 | 65 | 80 | 96 | 109 | 118 | 124 | 125 | 123 | 120 | 118 | 119 | 121 | 125 | 129 | 131 | 2374 | 98.9 | | 14:47 | 125 | 23:10 | 131 | * | * | * | * | * | 6:31 | 45 | 18:25 | 118 | * | * | * | * |
| 16 | 129 | 123 | 112 | 96 | 77 | 58 | 43 | 35 | 36 | 45 | 61 | 81 | 100 | 116 | 127 | 131 | 130 | 126 | 120 | 116 | 116 | 119 | 124 | 130 | 2351 | 98.0 | | 15:15 | 132 | * | * | * | * | * | * | 7:26 | 35 | 19:40 | 116 | * | * | * | * | |
| 17 | 135 | 135 | 128 | 115 | 95 | 72 | 49 | 33 | 25 | 28 | 41 | 61 | 85 | 108 | 125 | 135 | 136 | 131 | 123 | 115 | 111 | 111 | 116 | 125 | 2338 | 97.4 | | 0:31 | 136 | 15:42 | 137 | * | * | * | * | * | 8:13 | 25 | 20:28 | 110 | * | * | * | * |
| 18 | 134 | 141 | 142 | 133 | 116 | 92 | 64 | 40 | 23 | 18 | 24 | 42 | 67 | 94 | 118 | 133 | 140 | 137 | 127 | 116 | 107 | 103 | 105 | 114 | 2330 | 97.1 | | 1:33 | 143 | 16:10 | 140 | * | * | * | * | * | 8:57 | 18 | 21:8 | 103 | * | * | * | * |
| 19 | 127 | 140 | 148 | 148 | 136 | 115 | 87 | 57 | 32 | 17 | 15 | 27 | 49 | 78 | 106 | 128 | 139 | 140 | 132 | 119 | 105 | 95 | 93 | 100 | 2333 | 97.2 | N | 2:26 | 149 | 16:36 | 141 | * | * | * | * | * | 9:38 | #15 | 21:45 | 93 | * | * | * | * |
| 20 | 113 | 130 | 145 | 153 | 150 | 136 | 111 | 81 | 51 | 28 | 18 | 21 | 37 | 63 | 93 | 119 | 136 | 142 | 137 | 123 | 106 | 91 | 83 | 84 | 2351 | 98.0 | | 3:15 | 154 | 17:0 | 142 | * | * | * | * | * | 10:17 | 17 | 22:22 | 82 | * | * | * | * |
| 21 | 95 | 112 | 132 | 148 | 155 | 149 | 132 | 106 | 76 | 48 | 30 | 25 | 33 | 53 | 81 | 109 | 131 | 142 | 141 | 129 | 111 | 92 | 77 | 72 | 2379 | 99.1 | | 4:2 | #155 | 17:23 | 143 | * | * | * | * | * | 10:53 | 25 | 23:1 | 72 | * | * | * | * |
| 22 | 77 | 91 | 111 | 132 | 147 | 151 | 143 | 125 | 100 | 73 | 51 | 39 | 39 | 52 | 75 | 101 | 125 | 140 | 144 | 135 | 119 | 97 | 77 | 65 | 2409 | 100.4 | | 4:51 | 151 | 17:45 | 144 | * | * | * | * | * | 11:26 | 37 | 23:42 | 62 | * | * | * | * |
| 23 | 63 | 71 | 88 | 109 | 128 | 141 | 143 | 135 | 118 | 96 | 74 | 59 | 53 | 59 | 75 | 97 | 120 | 138 | 146 | 141 | 128 | 107 | 85 | 66 | 2440 | 101.7 | | 5:41 | 144 | 18:8 | 146 | * | * | * | * | * | 11:58 | 53 | * | * | * | * | * | * |
| 24 | 56 | 57 | 67 | 84 | 104 | 121 | 132 | 133 | 125 | 111 | 95 | 80 | 71 | 71 | 81 | 97 | 117 | 135 | 146 | 146 | 136 | 119 | 97 | 75 | 2456 | 102.3 | | 6:35 | 133 | 18:32 | 147 | * | * | * | * | * | 0:26 | 55 | 12:27 | 70 | * | * | * | * |
| 25 | 59 | 52 | 54 | 64 | 79 | 97 | 112 | 120 | 121 | 116 | 107 | 97 | 89 | 86 | 90 | 101 | 115 | 131 | 143 | 148 | 143 | 130 | 111 | 90 | 2455 | 102.3 | | 7:39 | 122 | 19:0 | 148 | * | * | * | * | * | 1:16 | 51 | 12:55 | 86 | * | * | * | * |
| 26 | 71 | 57 | 51 | 52 | 61 | 73 | 88 | 100 | 108 | 112 | 111 | 108 | 103 | 100 | 101 | 106 | 115 | 127 | 138 | 145 | 145 | 138 | 124 | 107 | 2441 | 101.7 | U | 9:16 | 112 | 19:34 | 146 | * | * | * | * | * | 2:16 | 51 | 13:21 | 100 | * | * | * | * |
| 27 | 89 | 71 | 59 | 52 | 51 | 56 | 66 | 78 | 90 | 99 | 106 | 110 | 112 | 112 | 112 | 113 | 117 | 123 | 131 | 138 | 142 | 140 | 133 | 122 | 2422 | 100.9 | | 20:18 | 142 | * | * | * | * | * | * | 3:35 | 51 | * | * | * | * | * | * | |
| 28 | 107 | 91 | 75 | 61 | 52 | 49 | 51 | 58 | 69 | 82 | 94 | 105 | 114 | 119 | 121 | 121 | 120 | 121 | 124 | 128 | 133 | 136 | 136 | 132 | 2399 | 100.0 | | 14:19 | 121 | 21:29 | 137 | * | * | * | * | * | 5:7 | 49 | 16:7 | 120 | * | * | * | * |
| 29 | 123 | 111 | 96 | 79 | 63 | 51 | 44 | 45 | 51 | 63 | 79 | 95 | 109 | 121 | 127 | 128 | 125 | 121 | 118 | 118 | 121 | 126 | 131 | 134 | 2379 | 99.1 | | 14:43 | 128 | 23:19 | 134 | * | * | * | * | * | 6:28 | 44 | 18:30 | 118 | * | * | * | * |
| 30 | 133 | 127 | 116 | 100 | 81 | 62 | 47 | 39 | 39 | 47 | 62 | 81 | 101 | 117 | 129 | 133 | 131 | 124 | 116 | 111 | 109 | 113 | 120 | 129 | 2367 | 98.6 | | 15:7 | 133 | * | * | * | * | * | * | 7:30 | 38 | 19:44 | 109 | * | * | * | * | |
| 31 | 136 | 138 | 133 | 121 | 102 | 79 | 58 | 42 | 34 | 36 | 47 | 66 | 89 | 110 | 127 | 135 | 136 | 128 | 117 | 106 | 100 | 100 | 106 | 117 | 2363 | 98.5 | | 0:48 | 138 | 15:31 | 137 | * | * | * | * | * | 8:17 | 34 | 20:31 | 99 | * | * | * | * |

| 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 |
| 744 | 73984 | 99.4 | 21日4時2分 | 155 | 1 | 19日9時38分 | 15 | 1 |

推算潮位 (毎時・満干潮)

地点名: 久慈

緯度: 40 °12 N

経度: 141 °48 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020 年 9 月

| 日 | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | | | | | |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---|-------|------|-------|-----|----|----|------|----|-------|------|-------|-----|----|----|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 日合計 | 日平均 | 月 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1 | 130 | 140 | 143 | 137 | 122 | 100 | 74 | 52 | 37 | 32 | 38 | 54 | 76 | 101 | 122 | 135 | 139 | 133 | 121 | 106 | 94 | 89 | 92 | 103 | 2370 | 98.8 | | 1:49 | 143 | 15:54 | 139 | * | * | * | * | 8:57 | 32 | 21: 8 | 89 | * | * | * | * |
| 2 | 119 | 135 | 145 | 147 | 137 | 118 | 94 | 67 | 46 | 34 | 34 | 45 | 65 | 91 | 115 | 132 | 140 | 137 | 126 | 109 | 93 | 82 | 80 | 88 | 2379 | 99.1 | F | 2:37 | 147 | 16:14 | 140 | * | * | * | * | 9:31 | 33 | 21:42 | 80 | * | * | * | * |
| 3 | 103 | 123 | 140 | 149 | 147 | 133 | 112 | 85 | 61 | 43 | 36 | 42 | 58 | 81 | 107 | 128 | 139 | 140 | 131 | 114 | 95 | 79 | 72 | 75 | 2393 | 99.7 | | 3:19 | 150 | 16:33 | 141 | * | * | * | * | 10: 2 | 36 | 22:14 | 71 | * | * | * | * |
| 4 | 87 | 107 | 128 | 144 | 149 | 143 | 126 | 103 | 77 | 56 | 44 | 44 | 56 | 76 | 100 | 122 | 137 | 141 | 135 | 120 | 100 | 81 | 68 | 65 | 2409 | 100.4 | | 3:58 | 149 | 16:52 | 141 | * | * | * | * | 10:30 | 43 | 22:46 | 65 | * | * | * | * |
| 5 | 73 | 90 | 111 | 132 | 144 | 145 | 135 | 116 | 94 | 72 | 56 | 51 | 58 | 73 | 95 | 117 | 134 | 142 | 138 | 125 | 106 | 86 | 69 | 60 | 2422 | 100.9 | | 4:36 | 146 | 17:10 | 142 | * | * | * | * | 10:56 | 51 | 23:17 | 59 | * | * | * | * |
| 6 | 62 | 75 | 94 | 116 | 133 | 141 | 138 | 126 | 107 | 87 | 70 | 62 | 63 | 75 | 92 | 113 | 130 | 141 | 141 | 130 | 113 | 92 | 73 | 60 | 2434 | 101.4 | | 5:14 | 142 | 17:29 | 142 | * | * | * | * | 11:21 | 61 | 23:50 | 56 | * | * | * | * |
| 7 | 56 | 63 | 78 | 98 | 118 | 131 | 135 | 129 | 116 | 100 | 84 | 74 | 72 | 79 | 92 | 110 | 127 | 138 | 141 | 135 | 120 | 100 | 80 | 64 | 2440 | 101.7 | | 5:53 | 135 | 17:49 | 142 | * | * | * | * | 11:44 | 72 | * | * | * | * | * | * |
| 8 | 56 | 57 | 66 | 82 | 101 | 117 | 126 | 127 | 120 | 109 | 96 | 86 | 82 | 85 | 95 | 108 | 123 | 135 | 140 | 137 | 125 | 108 | 89 | 72 | 2442 | 101.8 | | 6:36 | 128 | 18: 8 | 140 | * | * | * | * | 0:25 | 55 | 12: 5 | 82 | * | * | * | * |
| 9 | 60 | 56 | 59 | 70 | 84 | 100 | 113 | 119 | 119 | 113 | 105 | 97 | 93 | 93 | 99 | 109 | 120 | 131 | 137 | 137 | 129 | 116 | 99 | 82 | 2440 | 101.7 | | 7:27 | 120 | 18:28 | 138 | * | * | * | * | 1: 3 | 56 | 12:25 | 92 | * | * | * | * |
| 10 | 68 | 59 | 57 | 61 | 71 | 83 | 96 | 106 | 112 | 112 | 110 | 106 | 103 | 102 | 105 | 111 | 119 | 127 | 133 | 135 | 131 | 122 | 108 | 94 | 2431 | 101.3 | L | 8:40 | 113 | 18:51 | 135 | * | * | * | * | 1:50 | 57 | 12:41 | 102 | * | * | * | * |
| 11 | 79 | 68 | 60 | 58 | 61 | 68 | 78 | 89 | 99 | 106 | 109 | 111 | 111 | 111 | 112 | 115 | 119 | 124 | 128 | 131 | 130 | 125 | 116 | 105 | 2413 | 100.5 | | 19:19 | 131 | * | * | * | * | 2:58 | 58 | * | * | * | * | * | * | | |
| 12 | 93 | 80 | 69 | 61 | 56 | 57 | 62 | 71 | 82 | 93 | 103 | 110 | 115 | 118 | 120 | 120 | 121 | 122 | 123 | 125 | 126 | 125 | 122 | 116 | 2390 | 99.6 | | 20: 9 | 126 | * | * | * | * | 4:28 | 56 | * | * | * | * | * | * | | |
| 13 | 107 | 96 | 84 | 71 | 59 | 51 | 49 | 53 | 62 | 75 | 90 | 104 | 115 | 123 | 126 | 126 | 124 | 121 | 119 | 118 | 119 | 122 | 123 | 123 | 2360 | 98.3 | | 14:27 | 127 | 22:33 | 124 | * | * | * | * | 5:54 | 49 | 18:47 | 118 | * | * | * | * |
| 14 | 120 | 114 | 102 | 87 | 70 | 54 | 43 | 40 | 44 | 56 | 73 | 92 | 110 | 123 | 131 | 132 | 128 | 122 | 115 | 111 | 110 | 113 | 119 | 125 | 2334 | 97.3 | | 14:43 | 132 | * | * | * | * | 6:59 | 40 | 19:42 | 110 | * | * | * | * | | |
| 15 | 129 | 129 | 122 | 108 | 89 | 67 | 48 | 35 | 31 | 38 | 54 | 76 | 99 | 118 | 132 | 136 | 133 | 124 | 113 | 104 | 99 | 100 | 107 | 118 | 2309 | 96.2 | | 0:27 | 130 | 15: 4 | 136 | * | * | * | * | 7:50 | 31 | 20:18 | 99 | * | * | * | * |
| 16 | 130 | 138 | 138 | 130 | 112 | 88 | 63 | 41 | 29 | 28 | 38 | 59 | 85 | 110 | 129 | 138 | 138 | 128 | 114 | 99 | 88 | 85 | 91 | 103 | 2302 | 95.9 | | 1:35 | 139 | 15:26 | 139 | * | * | * | * | 8:35 | # 27 | 20:52 | 85 | * | * | * | * |
| 17 | 120 | 137 | 147 | 146 | 135 | 113 | 86 | 58 | 37 | 28 | 31 | 46 | 71 | 99 | 123 | 138 | 141 | 134 | 117 | 98 | 81 | 72 | 72 | 83 | 2313 | 96.4 | N | 2:29 | 148 | 15:47 | 142 | * | * | * | * | 9:15 | # 27 | 21:26 | 71 | * | * | * | * |
| 18 | 102 | 124 | 143 | 153 | 150 | 136 | 112 | 83 | 56 | 38 | 34 | 42 | 62 | 89 | 116 | 136 | 144 | 140 | 124 | 102 | 79 | 62 | 56 | 62 | 2345 | 97.7 | | 3:19 | 153 | 16: 7 | 144 | * | * | * | * | 9:52 | 33 | 22: 2 | 56 | * | * | * | * |
| 19 | 78 | 102 | 127 | 146 | 154 | 149 | 133 | 108 | 81 | 58 | 46 | 47 | 60 | 83 | 110 | 133 | 146 | 145 | 133 | 111 | 85 | 61 | 47 | 45 | 2388 | 99.5 | | 4: 7 | #154 | 16:28 | 147 | * | * | * | * | 10:26 | 44 | 22:39 | 44 | * | * | * | * |
| 20 | 55 | 76 | 102 | 128 | 145 | 151 | 144 | 127 | 104 | 81 | 64 | 59 | 65 | 82 | 105 | 129 | 146 | 150 | 142 | 122 | 96 | 69 | 47 | 36 | 2425 | 101.0 | | 4:56 | 151 | 16:50 | 151 | * | * | * | * | 10:57 | 59 | 23:19 | 35 | * | * | * | * |
| 21 | 38 | 53 | 75 | 102 | 125 | 140 | 143 | 135 | 120 | 101 | 84 | 75 | 75 | 86 | 104 | 125 | 143 | 153 | 149 | 134 | 110 | 83 | 57 | 39 | 2449 | 102.0 | | 5:46 | 143 | 17:14 | 153 | * | * | * | * | 11:26 | 74 | * | * | * | * | * | * |
| 22 | 32 | 38 | 54 | 76 | 100 | 120 | 131 | 132 | 126 | 115 | 101 | 91 | 88 | 93 | 105 | 122 | 139 | 151 | 153 | 143 | 124 | 100 | 74 | 52 | 2460 | 102.5 | | 6:40 | 133 | 17:40 | 153 | * | * | * | * | 0: 1 | 32 | 11:54 | 88 | * | * | * | * |
| 23 | 38 | 35 | 42 | 56 | 76 | 96 | 111 | 120 | 122 | 118 | 111 | 104 | 100 | 101 | 108 | 120 | 133 | 145 | 151 | 147 | 135 | 116 | 93 | 71 | 2449 | 102.0 | | 7:46 | 122 | 18:10 | 151 | * | * | * | * | 0:48 | 34 | 12:19 | 100 | * | * | * | * |
| 24 | 53 | 43 | 41 | 47 | 59 | 74 | 90 | 102 | 110 | 113 | 114 | 112 | 110 | 109 | 112 | 118 | 127 | 136 | 143 | 144 | 139 | 126 | 110 | 92 | 2424 | 101.0 | U | 9:36 | 114 | 18:45 | 145 | * | * | * | * | 1:43 | 41 | 12:43 | 109 | * | * | * | * |
| 25 | 74 | 60 | 51 | 48 | 51 | 59 | 70 | 83 | 94 | 103 | 109 | 114 | 116 | 116 | 117 | 118 | 121 | 126 | 131 | 135 | 135 | 130 | 121 | 109 | 2391 | 99.6 | | 19:31 | 135 | * | * | * | * | 2:57 | 48 | * | * | * | * | * | * | | |
| 26 | 95 | 81 | 69 | 59 | 53 | 53 | 57 | 66 | 77 | 89 | 101 | 111 | 118 | 121 | 122 | 120 | 119 | 118 | 119 | 121 | 124 | 126 | 124 | 120 | 2363 | 98.5 | | 13:38 | 122 | 21: 4 | 126 | * | * | * | * | 4:36 | 52 | 16:55 | 118 | * | * | * | * |
| 27 | 112 | 102 | 90 | 76 | 64 | 55 | 52 | 54 | 62 | 75 | 89 | 104 | 116 | 124 | 127 | 125 | 119 | 113 | 109 | 107 | 110 | 114 | 119 | 123 | 2341 | 97.5 | | 14: 1 | 127 | 23:33 | 124 | * | * | * | * | 6: 5 | 52 | 18:49 | 107 | * | * | * | * |
| 28 | 123 | 119 | 110 | 96 | 80 | 65 | 53 | 49 | 52 | 62 | 77 | 95 | 111 | 124 | 131 | 130 | 123 | 112 | 102 | 96 | 95 | 99 | 108 | 118 | 2330 | 97.1 | | 14:23 | 131 | * | * | * | * | 7: 7 | 49 | 19:40 | 94 | * | * | * | * | | |
| 29 | 126 | 129 | 126 | 115 | 99 | 79 | 62 | 50 | 47 | 52 | 65 | 84 | 105 | 122 | 132 | 134 | 128 | 115 | 100 | 88 | 82 | 84 | 92 | 106 | 2322 | 96.8 | | 1: 0 | 129 | 14:44 | 134 | * | * | * | * | 7:54 | 47 | 20:17 | 82 | * | * | * | * |
| 30 | 121 | 132 | 136 | 131 | 117 | 97 | 76 | 58 | 48 | 47 | 57 | 75 | 96 | 117 | 131 | 137 | 133 | 120 | 102 | 85 | 73 | 70 | 76 | 91 | 2326 | 96.9 | | 1:55 | 136 | 15: 4 | 137 | * | * | * | * | 8:31 | 46 | 20:50 | 70 | * | * | * | * |

| 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 | 71594 | 99.4 | 19日4時7分 | 154 | 1 | 17日9時15分 | 27 | 2 |

推算潮位（毎時・満干潮）

地点名：久慈

緯度：40 °12 N

経度：141 °48 E

潮位表基準面の零点：平均海面下 89.0(cm)

2020 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 | 110 | 127 | 139 | 140 | 132 | 114 | 92 | 70 | 54 | 48 | 53 | 67 | 88 | 111 | 129 | 138 | 137 | 126 | 107 | 86 | 69 | 60 | 62 | 74 | 2333 | 97.2 | | 2:39 | 141 | 15:23 | 139 | * | * | * | * | 9: 4 | 48 | 21:20 | 59 | * | * | * | * |
| 2 | 94 | 116 | 134 | 144 | 141 | 129 | 109 | 86 | 66 | 55 | 54 | 64 | 82 | 105 | 125 | 138 | 140 | 131 | 114 | 91 | 70 | 55 | 51 | 58 | 2352 | 98.0 | F | 3:18 | 144 | 15:41 | 141 | * | * | * | * | 9:33 | 53 | 21:50 | 50 | * | * | * | * |
| 3 | 76 | 100 | 123 | 140 | 145 | 138 | 123 | 101 | 80 | 65 | 59 | 65 | 79 | 100 | 121 | 137 | 142 | 136 | 120 | 98 | 74 | 54 | 44 | 47 | 2367 | 98.6 | | 3:55 | 145 | 16: 0 | 142 | * | * | * | * | 10: 1 | 59 | 22:19 | 44 | * | * | * | * |
| 4 | 60 | 83 | 108 | 130 | 142 | 143 | 132 | 115 | 95 | 78 | 68 | 69 | 79 | 97 | 117 | 134 | 143 | 140 | 127 | 106 | 81 | 59 | 43 | 39 | 2388 | 99.5 | | 4:32 | 144 | 16:18 | 143 | * | * | * | * | 10:26 | 67 | 22:49 | 39 | * | * | * | * |
| 5 | 48 | 66 | 91 | 115 | 133 | 141 | 137 | 124 | 107 | 91 | 79 | 76 | 82 | 95 | 113 | 130 | 141 | 143 | 133 | 114 | 90 | 66 | 47 | 38 | 2400 | 100.0 | | 5: 9 | 141 | 16:37 | 143 | * | * | * | * | 10:51 | 76 | 23:19 | 37 | * | * | * | * |
| 6 | 40 | 53 | 74 | 98 | 120 | 133 | 136 | 129 | 116 | 102 | 90 | 84 | 86 | 96 | 111 | 126 | 138 | 143 | 137 | 121 | 100 | 76 | 55 | 42 | 2406 | 100.3 | | 5:46 | 136 | 16:56 | 143 | * | * | * | * | 11:13 | 84 | 23:50 | 38 | * | * | * | * |
| 7 | 38 | 45 | 61 | 82 | 103 | 120 | 129 | 129 | 121 | 110 | 100 | 93 | 92 | 98 | 109 | 123 | 134 | 140 | 138 | 127 | 109 | 87 | 66 | 50 | 2404 | 100.2 | | 6:27 | 130 | 17:15 | 141 | * | * | * | * | 11:35 | 92 | * | * | * | * | * | * |
| 8 | 41 | 42 | 52 | 68 | 87 | 105 | 117 | 123 | 121 | 115 | 108 | 102 | 99 | 102 | 110 | 120 | 130 | 136 | 137 | 130 | 116 | 98 | 78 | 61 | 2398 | 99.9 | | 7:16 | 123 | 17:36 | 138 | * | * | * | * | 0:24 | 41 | 11:56 | 99 | * | * | * | * |
| 9 | 49 | 45 | 48 | 57 | 71 | 87 | 102 | 112 | 116 | 116 | 113 | 109 | 107 | 107 | 112 | 118 | 125 | 131 | 133 | 130 | 121 | 107 | 91 | 75 | 2382 | 99.3 | | 8:26 | 116 | 17:57 | 133 | * | * | * | * | 1: 6 | 45 | 12:17 | 107 | * | * | * | * |
| 10 | 62 | 53 | 49 | 52 | 59 | 71 | 84 | 96 | 105 | 111 | 114 | 114 | 114 | 114 | 115 | 118 | 121 | 125 | 127 | 127 | 122 | 114 | 103 | 90 | 2360 | 98.3 | L | 18:22 | 128 | * | * | * | * | 2: 4 | 49 | * | * | * | * | * | * | | |
| 11 | 78 | 66 | 58 | 53 | 53 | 57 | 66 | 78 | 90 | 101 | 109 | 115 | 119 | 120 | 119 | 119 | 119 | 119 | 119 | 120 | 119 | 116 | 112 | 104 | 2329 | 97.0 | | 13:14 | 120 | 19: 5 | 120 | * | * | * | * | 3:33 | 52 | 16:10 | 119 | * | * | * | * |
| 12 | 95 | 84 | 73 | 62 | 54 | 50 | 52 | 60 | 72 | 86 | 100 | 112 | 120 | 124 | 124 | 121 | 117 | 113 | 110 | 109 | 110 | 113 | 114 | 114 | 2289 | 95.4 | | 13:30 | 125 | 22:30 | 115 | * | * | * | * | 5:11 | 50 | 18:50 | 109 | * | * | * | * |
| 13 | 111 | 104 | 93 | 79 | 64 | 52 | 46 | 47 | 55 | 69 | 87 | 104 | 118 | 127 | 129 | 125 | 117 | 108 | 100 | 96 | 96 | 101 | 109 | 117 | 2254 | 93.9 | | 13:50 | 129 | * | * | * | * | 6:24 | 45 | 19:24 | 96 | * | * | * | * | | |
| 14 | 122 | 122 | 115 | 102 | 84 | 65 | 50 | 42 | 44 | 55 | 73 | 94 | 113 | 127 | 133 | 130 | 120 | 106 | 92 | 82 | 79 | 83 | 94 | 108 | 2235 | 93.1 | | 0:30 | 123 | 14:10 | 133 | * | * | * | * | 7:20 | 42 | 19:56 | 79 | * | * | * | * |
| 15 | 123 | 132 | 133 | 125 | 108 | 86 | 64 | 48 | 42 | 46 | 61 | 83 | 106 | 125 | 136 | 136 | 126 | 109 | 89 | 72 | 62 | 62 | 72 | 90 | 2236 | 93.2 | | 1:38 | 133 | 14:31 | 137 | * | * | * | * | 8: 5 | 42 | 20:29 | 61 | * | * | * | * |
| 16 | 111 | 130 | 141 | 142 | 131 | 111 | 87 | 65 | 50 | 47 | 56 | 74 | 98 | 121 | 137 | 141 | 134 | 116 | 92 | 68 | 50 | 43 | 48 | 65 | 2258 | 94.1 | | 2:33 | 143 | 14:51 | 142 | * | * | * | * | 8:46 | 47 | 21: 4 | 43 | * | * | * | * |
| 17 | 89 | 115 | 137 | 148 | 146 | 133 | 112 | 87 | 67 | 57 | 58 | 71 | 92 | 117 | 137 | 146 | 143 | 126 | 101 | 72 | 47 | 31 | 29 | 39 | 2300 | 95.8 | N | 3:23 | 149 | 15:13 | 147 | * | * | * | * | 9:23 | 56 | 21:41 | 28 | * | * | * | * |
| 18 | 62 | 91 | 119 | 141 | 150 | 146 | 132 | 111 | 89 | 73 | 67 | 74 | 90 | 113 | 135 | 149 | 151 | 138 | 115 | 85 | 54 | 30 | 18 | 21 | 2354 | 98.1 | | 4:12 | 150 | 15:37 | 152 | * | * | * | * | 9:57 | 67 | 22:19 | 17 | * | * | * | * |
| 19 | 37 | 63 | 93 | 121 | 140 | 147 | 141 | 127 | 109 | 91 | 81 | 81 | 92 | 110 | 131 | 148 | 155 | 149 | 130 | 102 | 70 | 40 | 20 | 13 | 2391 | 99.6 | | 5: 2 | 147 | 16: 2 | 155 | * | * | * | * | 10:28 | 80 | 22:59 | #13 | * | * | * | * |
| 20 | 20 | 39 | 66 | 96 | 121 | 136 | 140 | 134 | 122 | 107 | 95 | 91 | 96 | 108 | 126 | 143 | 155 | 155 | 142 | 119 | 90 | 59 | 33 | 18 | 2411 | 100.5 | | 5:52 | 140 | 16:31 | #157 | * | * | * | * | 10:58 | 91 | 23:40 | 15 | * | * | * | * |
| 21 | 15 | 26 | 45 | 71 | 97 | 117 | 128 | 131 | 126 | 117 | 107 | 100 | 101 | 108 | 121 | 136 | 149 | 154 | 149 | 132 | 108 | 81 | 54 | 34 | 2407 | 100.3 | | 6:48 | 131 | 17: 1 | 154 | * | * | * | * | 11:28 | 100 | * | * | * | * | * | * |
| 22 | 23 | 24 | 35 | 53 | 75 | 96 | 111 | 120 | 122 | 120 | 114 | 109 | 106 | 109 | 116 | 127 | 138 | 146 | 147 | 138 | 122 | 100 | 77 | 56 | 2384 | 99.3 | | 7:55 | 122 | 17:35 | 148 | * | * | * | * | 0:25 | 22 | 12: 1 | 106 | * | * | * | * |
| 23 | 41 | 34 | 35 | 45 | 59 | 77 | 93 | 105 | 113 | 116 | 116 | 114 | 111 | 111 | 113 | 119 | 127 | 134 | 138 | 136 | 127 | 113 | 96 | 78 | 2351 | 98.0 | U | 9:30 | 117 | 18:14 | 138 | * | * | * | * | 1:16 | 33 | 12:44 | 111 | * | * | * | * |
| 24 | 63 | 51 | 45 | 46 | 53 | 63 | 77 | 90 | 101 | 109 | 114 | 116 | 116 | 114 | 113 | 113 | 116 | 119 | 123 | 125 | 124 | 118 | 108 | 97 | 2314 | 96.4 | | 11:20 | 117 | 19: 8 | 125 | * | * | * | * | 2:21 | 45 | 14:19 | 113 | * | * | * | * |
| 25 | 84 | 72 | 62 | 56 | 54 | 58 | 65 | 76 | 88 | 100 | 109 | 116 | 119 | 119 | 116 | 112 | 108 | 107 | 108 | 110 | 113 | 114 | 112 | 108 | 2286 | 95.3 | | 12:22 | 120 | 20:59 | 114 | * | * | * | * | 3:49 | 54 | 17: 8 | 107 | * | * | * | * |
| 26 | 101 | 92 | 81 | 71 | 63 | 59 | 60 | 66 | 77 | 90 | 103 | 114 | 121 | 123 | 121 | 114 | 105 | 98 | 94 | 93 | 97 | 103 | 108 | 112 | 2266 | 94.4 | | 12:58 | 123 | 23:34 | 113 | * | * | * | * | 5:18 | 59 | 18:33 | 93 | * | * | * | * |
| 27 | 112 | 108 | 100 | 89 | 76 | 66 | 60 | 61 | 68 | 80 | 95 | 109 | 121 | 127 | 126 | 119 | 107 | 94 | 84 | 79 | 80 | 87 | 97 | 108 | 2253 | 93.9 | | 13:25 | 127 | * | * | * | * | 6:25 | 60 | 19:19 | 78 | * | * | * | * | | |
| 28 | 116 | 119 | 116 | 106 | 93 | 78 | 66 | 61 | 62 | 72 | 86 | 103 | 118 | 128 | 131 | 125 | 112 | 95 | 79 | 68 | 64 | 69 | 81 | 97 | 2245 | 93.5 | | 0:59 | 119 | 13:48 | 131 | * | * | * | * | 7:15 | 60 | 19:54 | 64 | * | * | * | * |
| 29 | 112 | 123 | 126 | 121 | 109 | 93 | 77 | 66 | 62 | 67 | 79 | 96 | 114 | 128 | 134 | 131 | 119 | 100 | 79 | 62 | 53 | 53 | 63 | 81 | 2248 | 93.7 | | 1:54 | 126 | 14: 9 | 134 | * | * | * | * | 7:55 | 62 | 20:26 | 52 | * | * | * | * |
| 30 | 102 | 120 | 130 | 132 | 124 | 109 | 91 | 76 | 67 | 67 | 75 | 91 | 109 | 126 | 136 | 136 | 126 | 107 | 84 | 61 | 46 | 40 | 47 | 63 | 2265 | 94.4 | | 2:38 | 132 | 14:30 | 137 | * | * | * | * | 8:30 | 65 | 20:57 | 40 | * | * | * | * |
| 31 | 86 | 110 | 128 | 136 | 134 | 123 | 106 | 88 | 75 | 70 | 74 | 87 | 104 | 123 | 136 | 139 | 132 | 115 | 91 | 66 | 44 | 33 | 34 | 46 | 2280 | 95.0 | F | 3:17 | 137 | 14:51 | 140 | * | * | * | * | 9: 2 | 70 | 21:26 | 32 | * | * | * | * |

| 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 |
| 744 | 72146 | 97.0 | 20日 16時 31分 | 157 | 1 | 19日 22時 59分 | 13 | 1 |

推算潮位 (毎時・満干潮)

地点名: 久慈

緯度: 40 °12 N

経度: 141 °48 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020 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 | 69 | 95 | 119 | 134 | 139 | 133 | 119 | 102 | 86 | 77 | 77 | 86 | 101 | 119 | 134 | 141 | 138 | 123 | 100 | 73 | 48 | 31 | 25 | 33 | 2302 | 95.9 | | 3:54 | 139 | 15:11 | 142 | * | * | * | * | 9:31 | 76 | 21:55 | 25 | * | * | * | * |
| 2 | 52 | 78 | 105 | 126 | 138 | 138 | 129 | 114 | 98 | 86 | 82 | 86 | 99 | 115 | 131 | 141 | 142 | 131 | 110 | 83 | 56 | 35 | 23 | 24 | 2322 | 96.8 | | 4:30 | 139 | 15:32 | 143 | * | * | * | * | 9:59 | 82 | 22:25 | 22 | * | * | * | * |
| 3 | 37 | 61 | 88 | 113 | 131 | 138 | 134 | 123 | 108 | 96 | 88 | 89 | 98 | 112 | 127 | 139 | 143 | 136 | 119 | 95 | 67 | 43 | 26 | 21 | 2332 | 97.2 | | 5: 7 | 138 | 15:53 | 143 | * | * | * | * | 10:25 | 88 | 22:55 | 21 | * | * | * | * |
| 4 | 28 | 46 | 71 | 97 | 119 | 132 | 134 | 128 | 117 | 105 | 96 | 93 | 98 | 109 | 123 | 135 | 142 | 139 | 127 | 106 | 80 | 55 | 35 | 24 | 2339 | 97.5 | | 5:45 | 134 | 16:16 | 142 | * | * | * | * | 10:50 | 93 | 23:27 | 23 | * | * | * | * |
| 5 | 24 | 36 | 56 | 80 | 103 | 120 | 129 | 128 | 122 | 112 | 103 | 99 | 100 | 107 | 118 | 130 | 138 | 139 | 131 | 115 | 93 | 69 | 47 | 32 | 2331 | 97.1 | | 6:26 | 130 | 16:39 | 140 | * | * | * | * | 11:16 | 98 | * | * | * | * | * | * |
| 6 | 26 | 31 | 45 | 65 | 86 | 106 | 119 | 124 | 123 | 117 | 110 | 105 | 103 | 107 | 115 | 124 | 132 | 136 | 132 | 121 | 104 | 83 | 62 | 45 | 2321 | 96.7 | | 7:16 | 124 | 17: 3 | 136 | * | * | * | * | 0: 2 | 26 | 11:44 | 103 | * | * | * | * |
| 7 | 34 | 32 | 39 | 52 | 70 | 88 | 104 | 115 | 119 | 118 | 115 | 111 | 108 | 109 | 113 | 119 | 125 | 129 | 129 | 123 | 111 | 95 | 78 | 61 | 2297 | 95.7 | | 8:21 | 119 | 17:31 | 130 | * | * | * | * | 0:43 | 32 | 12:18 | 108 | * | * | * | * |
| 8 | 48 | 40 | 39 | 45 | 57 | 72 | 87 | 101 | 111 | 116 | 117 | 116 | 113 | 111 | 112 | 114 | 117 | 120 | 122 | 120 | 115 | 105 | 92 | 79 | 2269 | 94.5 | L | 9:52 | 117 | 18: 6 | 122 | * | * | * | * | 1:36 | 39 | 13:21 | 111 | * | * | * | * |
| 9 | 65 | 54 | 48 | 46 | 49 | 58 | 71 | 85 | 99 | 109 | 116 | 118 | 118 | 115 | 112 | 110 | 109 | 109 | 110 | 111 | 111 | 108 | 103 | 95 | 2229 | 92.9 | | 11:20 | 119 | 19:23 | 111 | * | * | * | * | 2:49 | 46 | 16:21 | 109 | * | * | * | * |
| 10 | 85 | 74 | 63 | 55 | 51 | 52 | 58 | 70 | 85 | 99 | 111 | 119 | 122 | 120 | 115 | 108 | 102 | 97 | 95 | 96 | 100 | 104 | 106 | 106 | 2193 | 91.4 | | 12: 8 | 122 | 22:31 | 107 | * | * | * | * | 4:19 | 50 | 18: 8 | 95 | * | * | * | * |
| 11 | 103 | 95 | 85 | 72 | 61 | 54 | 53 | 60 | 72 | 88 | 104 | 117 | 124 | 125 | 120 | 110 | 98 | 87 | 80 | 78 | 81 | 89 | 99 | 108 | 2163 | 90.1 | | 12:39 | 126 | * | * | * | * | 5:37 | 53 | 18:52 | 78 | * | * | * | * | | |
| 12 | 114 | 113 | 107 | 95 | 80 | 66 | 58 | 57 | 64 | 78 | 96 | 113 | 125 | 130 | 127 | 116 | 99 | 81 | 67 | 59 | 59 | 67 | 81 | 98 | 2150 | 89.6 | | 0:29 | 114 | 13: 5 | 130 | * | * | * | * | 6:38 | 56 | 19:29 | 58 | * | * | * | * |
| 13 | 114 | 123 | 125 | 118 | 104 | 87 | 71 | 63 | 63 | 72 | 89 | 108 | 125 | 135 | 135 | 125 | 106 | 83 | 60 | 44 | 38 | 42 | 56 | 78 | 2164 | 90.2 | | 1:41 | 125 | 13:30 | 136 | * | * | * | * | 7:28 | 62 | 20: 6 | 38 | * | * | * | * |
| 14 | 101 | 121 | 132 | 134 | 125 | 110 | 91 | 76 | 70 | 73 | 85 | 103 | 123 | 138 | 143 | 136 | 118 | 92 | 64 | 39 | 23 | 20 | 30 | 50 | 2197 | 91.5 | | 2:39 | 135 | 13:56 | 143 | * | * | * | * | 8:12 | 70 | 20:44 | 20 | * | * | * | * |
| 15 | 78 | 105 | 127 | 139 | 139 | 129 | 113 | 95 | 82 | 79 | 85 | 100 | 119 | 137 | 148 | 147 | 133 | 108 | 77 | 45 | 20 | 8 | 9 | 24 | 2246 | 93.6 | N | 3:31 | 140 | 14:24 | 149 | * | * | * | * | 8:51 | 79 | 21:23 | 6 | * | * | * | * |
| 16 | 50 | 81 | 110 | 131 | 141 | 140 | 129 | 113 | 98 | 89 | 89 | 98 | 115 | 134 | 149 | 154 | 146 | 126 | 96 | 62 | 30 | 8 | -1 | 6 | 2294 | 95.6 | | 4:22 | 142 | 14:54 | 154 | * | * | * | * | 9:28 | 88 | 22: 4 | #-1 | * | * | * | * |
| 17 | 25 | 53 | 86 | 114 | 132 | 140 | 137 | 126 | 112 | 100 | 95 | 99 | 111 | 128 | 145 | 156 | 155 | 141 | 116 | 84 | 50 | 21 | 3 | -1 | 2328 | 97.0 | | 5:12 | 140 | 15:27 | #157 | * | * | * | * | 10: 3 | 95 | 22:45 | #-1 | * | * | * | * |
| 18 | 10 | 31 | 60 | 90 | 115 | 130 | 135 | 131 | 122 | 110 | 102 | 101 | 107 | 120 | 136 | 150 | 156 | 150 | 132 | 105 | 74 | 43 | 18 | 6 | 2334 | 97.3 | | 6: 2 | 135 | 16: 2 | 156 | * | * | * | * | 10:39 | 100 | 23:27 | 4 | * | * | * | * |
| 19 | 6 | 19 | 41 | 68 | 94 | 115 | 126 | 129 | 125 | 117 | 108 | 104 | 105 | 113 | 125 | 139 | 149 | 151 | 141 | 121 | 95 | 67 | 41 | 22 | 2321 | 96.7 | | 6:54 | 129 | 16:39 | 151 | * | * | * | * | 11:17 | 103 | * | * | * | * | * | * |
| 20 | 14 | 18 | 31 | 52 | 75 | 97 | 113 | 121 | 123 | 120 | 114 | 107 | 105 | 107 | 115 | 125 | 136 | 142 | 140 | 129 | 111 | 88 | 65 | 44 | 2292 | 95.5 | | 7:49 | 123 | 17:19 | 143 | * | * | * | * | 0:10 | 14 | 12: 1 | 105 | * | * | * | * |
| 21 | 31 | 27 | 32 | 44 | 62 | 81 | 99 | 111 | 118 | 119 | 116 | 111 | 106 | 104 | 107 | 112 | 120 | 127 | 131 | 128 | 117 | 102 | 84 | 66 | 2255 | 94.0 | | 8:49 | 119 | 18: 4 | 131 | * | * | * | * | 0:56 | 27 | 12:59 | 104 | * | * | * | * |
| 22 | 51 | 42 | 40 | 45 | 56 | 70 | 86 | 100 | 110 | 116 | 117 | 115 | 110 | 105 | 102 | 103 | 106 | 110 | 115 | 117 | 115 | 108 | 97 | 85 | 2221 | 92.5 | U | 9:51 | 117 | 19: 2 | 117 | * | * | * | * | 1:47 | 40 | 14:28 | 102 | * | * | * | * |
| 23 | 72 | 61 | 54 | 52 | 56 | 64 | 76 | 90 | 102 | 112 | 117 | 118 | 115 | 110 | 103 | 97 | 94 | 95 | 97 | 101 | 105 | 105 | 102 | 96 | 2194 | 91.4 | | 10:48 | 118 | 20:39 | 105 | * | * | * | * | 2:49 | 52 | 16:27 | 94 | * | * | * | * |
| 24 | 88 | 79 | 71 | 64 | 62 | 64 | 71 | 81 | 94 | 106 | 115 | 120 | 120 | 116 | 107 | 98 | 88 | 83 | 81 | 83 | 89 | 95 | 99 | 101 | 2175 | 90.6 | | 11:34 | 120 | 23: 3 | 101 | * | * | * | * | 4: 3 | 62 | 17:53 | 81 | * | * | * | * |
| 25 | 100 | 95 | 88 | 80 | 72 | 69 | 70 | 76 | 87 | 99 | 111 | 120 | 124 | 122 | 114 | 102 | 88 | 76 | 68 | 66 | 70 | 79 | 90 | 99 | 2165 | 90.2 | | 12:11 | 124 | * | * | * | * | 5:16 | 68 | 18:46 | 66 | * | * | * | * | | |
| 26 | 105 | 106 | 103 | 96 | 86 | 78 | 73 | 75 | 81 | 93 | 106 | 118 | 125 | 127 | 121 | 109 | 92 | 75 | 60 | 53 | 53 | 61 | 75 | 90 | 2161 | 90.0 | | 0:47 | 106 | 12:42 | 127 | * | * | * | * | 6:18 | 73 | 19:26 | 52 | * | * | * | * |
| 27 | 103 | 112 | 114 | 110 | 101 | 90 | 81 | 77 | 80 | 88 | 100 | 114 | 125 | 130 | 128 | 117 | 99 | 78 | 58 | 44 | 39 | 43 | 57 | 75 | 2163 | 90.1 | | 1:50 | 114 | 13:11 | 131 | * | * | * | * | 7: 8 | 77 | 20: 1 | 39 | * | * | * | * |
| 28 | 95 | 111 | 120 | 121 | 115 | 104 | 92 | 84 | 81 | 86 | 96 | 110 | 123 | 132 | 133 | 125 | 108 | 86 | 61 | 41 | 29 | 29 | 39 | 58 | 2179 | 90.8 | | 2:38 | 122 | 13:38 | 134 | * | * | * | * | 7:51 | 81 | 20:33 | 27 | * | * | * | * |
| 29 | 81 | 103 | 120 | 127 | 126 | 117 | 105 | 93 | 86 | 86 | 93 | 106 | 120 | 132 | 137 | 132 | 118 | 96 | 69 | 44 | 26 | 19 | 24 | 40 | 2200 | 91.7 | | 3:18 | 128 | 14: 4 | 137 | * | * | * | * | 8:29 | 85 | 21: 5 | 18 | * | * | * | * |
| 30 | 64 | 90 | 113 | 127 | 131 | 127 | 116 | 103 | 93 | 89 | 92 | 102 | 116 | 130 | 138 | 138 | 127 | 107 | 80 | 52 | 29 | 15 | 13 | 25 | 2217 | 92.4 | F | 3:56 | 131 | 14:29 | 140 | * | * | * | * | 9: 3 | 89 | 21:36 | 12 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|-----|-------|------|-------------|-----|----|-------------|----|----|
| | | | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 720 | 67354 | 93.5 | 17日 15時 27分 | 157 | 1 | 17日 22時 45分 | -1 | 2 |

推算潮位 (毎時・満干潮)

地点名: 久慈

緯度: 40 °12 N

経度: 141 °48 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020 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 | 46 | 74 | 101 | 121 | 132 | 132 | 125 | 113 | 101 | 94 | 93 | 100 | 112 | 126 | 137 | 141 | 135 | 118 | 93 | 64 | 37 | 17 | 9 | 14 | 2235 | 93.1 | | 4:32 | 133 | 14:56 | 141 | * | * | * | * | 9:35 | 93 | 22: 8 | 9 | * | * | * | * |
| 2 | 30 | 56 | 84 | 109 | 126 | 133 | 130 | 121 | 109 | 100 | 96 | 98 | 108 | 121 | 134 | 142 | 140 | 128 | 106 | 79 | 50 | 26 | 11 | 9 | 2246 | 93.6 | | 5: 9 | 133 | 15:23 | 142 | * | * | * | * | 10: 5 | 96 | 22:41 | 8 | * | * | * | * |
| 3 | 19 | 40 | 67 | 94 | 116 | 128 | 131 | 126 | 116 | 106 | 99 | 99 | 104 | 115 | 128 | 138 | 141 | 135 | 118 | 94 | 66 | 39 | 19 | 10 | 2248 | 93.7 | | 5:48 | 131 | 15:51 | 142 | * | * | * | * | 10:35 | 98 | 23:15 | 10 | * | * | * | * |
| 4 | 13 | 27 | 50 | 76 | 101 | 118 | 127 | 127 | 121 | 112 | 104 | 100 | 102 | 110 | 121 | 132 | 138 | 137 | 126 | 107 | 82 | 56 | 33 | 18 | 2238 | 93.3 | | 6:29 | 128 | 16:21 | 139 | * | * | * | * | 11: 7 | 100 | 23:52 | 14 | * | * | * | * |
| 5 | 14 | 21 | 37 | 60 | 84 | 105 | 119 | 124 | 123 | 117 | 109 | 103 | 102 | 106 | 114 | 123 | 131 | 134 | 129 | 116 | 96 | 73 | 50 | 32 | 2222 | 92.6 | | 7:15 | 124 | 16:54 | 134 | * | * | * | * | 11:44 | 102 | * | * | * | * | * | * |
| 6 | 22 | 21 | 30 | 47 | 68 | 89 | 107 | 118 | 121 | 119 | 114 | 107 | 103 | 103 | 107 | 113 | 121 | 126 | 126 | 119 | 106 | 89 | 69 | 50 | 2195 | 91.5 | | 8: 6 | 121 | 17:32 | 127 | * | * | * | * | 0:33 | 20 | 12:32 | 102 | * | * | * | * |
| 7 | 36 | 29 | 31 | 40 | 56 | 75 | 93 | 108 | 117 | 120 | 117 | 112 | 106 | 101 | 101 | 103 | 108 | 113 | 116 | 116 | 110 | 99 | 85 | 70 | 2162 | 90.1 | | 8:59 | 120 | 18:25 | 117 | * | * | * | * | 1:19 | 29 | 13:42 | 100 | * | * | * | * |
| 8 | 56 | 45 | 40 | 42 | 50 | 64 | 80 | 97 | 110 | 117 | 119 | 116 | 110 | 103 | 97 | 94 | 94 | 96 | 100 | 104 | 105 | 103 | 97 | 88 | 2127 | 88.6 | L | 9:51 | 119 | 19:53 | 105 | * | * | * | * | 2:14 | 40 | 15:31 | 94 | * | * | * | * |
| 9 | 77 | 65 | 56 | 51 | 52 | 59 | 71 | 86 | 102 | 113 | 120 | 120 | 116 | 107 | 97 | 88 | 82 | 79 | 80 | 85 | 91 | 96 | 99 | 98 | 2090 | 87.1 | | 10:36 | 121 | 22:19 | 99 | * | * | * | * | 3:21 | 51 | 17:10 | 79 | * | * | * | * |
| 10 | 94 | 87 | 78 | 69 | 63 | 63 | 68 | 79 | 94 | 108 | 119 | 124 | 122 | 115 | 102 | 88 | 74 | 65 | 60 | 62 | 69 | 80 | 91 | 99 | 2073 | 86.4 | | 11:16 | 124 | * | * | * | * | 4:35 | 62 | 18:13 | 60 | * | * | * | * | | |
| 11 | 104 | 104 | 99 | 90 | 81 | 74 | 73 | 78 | 89 | 103 | 117 | 126 | 129 | 124 | 112 | 95 | 75 | 57 | 44 | 40 | 44 | 55 | 71 | 89 | 2073 | 86.4 | | 0:28 | 105 | 11:53 | 129 | * | * | * | * | 5:43 | 72 | 19: 2 | 40 | * | * | * | * |
| 12 | 103 | 112 | 115 | 111 | 101 | 91 | 83 | 82 | 87 | 99 | 113 | 126 | 135 | 134 | 125 | 108 | 84 | 59 | 38 | 24 | 21 | 29 | 45 | 67 | 2092 | 87.2 | | 1:51 | 115 | 12:29 | 136 | * | * | * | * | 6:42 | 81 | 19:47 | 21 | * | * | * | * |
| 13 | 90 | 109 | 121 | 124 | 119 | 109 | 98 | 91 | 90 | 97 | 109 | 124 | 136 | 142 | 138 | 124 | 101 | 72 | 43 | 20 | 8 | 7 | 19 | 41 | 2132 | 88.8 | | 2:53 | 124 | 13: 7 | 142 | * | * | * | * | 7:35 | 89 | 20:30 | 6 | * | * | * | * |
| 14 | 68 | 95 | 116 | 128 | 130 | 125 | 113 | 102 | 96 | 97 | 105 | 118 | 134 | 145 | 148 | 140 | 120 | 92 | 59 | 28 | 6 | -4 | 0 | 16 | 2177 | 90.7 | | 3:47 | 131 | 13:46 | 149 | * | * | * | * | 8:22 | 95 | 21:13 | -4 | * | * | * | * |
| 15 | 42 | 72 | 100 | 121 | 132 | 133 | 125 | 114 | 104 | 99 | 102 | 112 | 127 | 142 | 152 | 151 | 138 | 114 | 82 | 48 | 18 | -2 | -8 | -1 | 2217 | 92.4 | N | 4:36 | 133 | 14:26 | 153 | * | * | * | * | 9: 6 | 99 | 21:56 | # -8 | * | * | * | * |
| 16 | 19 | 48 | 79 | 106 | 124 | 132 | 131 | 123 | 112 | 103 | 101 | 106 | 117 | 133 | 147 | 154 | 149 | 132 | 105 | 72 | 39 | 12 | -4 | -6 | 2234 | 93.1 | | 5:21 | 133 | 15: 7 | #154 | * | * | * | * | 9:49 | 100 | 22:38 | -7 | * | * | * | * |
| 17 | 6 | 28 | 57 | 87 | 111 | 125 | 130 | 127 | 118 | 108 | 101 | 100 | 108 | 121 | 136 | 148 | 152 | 143 | 124 | 96 | 64 | 34 | 11 | 0 | 2235 | 93.1 | | 6: 4 | 130 | 15:49 | 152 | * | * | * | * | 10:31 | 100 | 23:18 | -1 | * | * | * | * |
| 18 | 3 | 17 | 41 | 69 | 95 | 114 | 125 | 127 | 122 | 112 | 102 | 97 | 99 | 108 | 121 | 135 | 145 | 145 | 134 | 113 | 86 | 58 | 32 | 15 | 2215 | 92.3 | | 6:44 | 127 | 16:31 | 146 | * | * | * | * | 11:14 | 97 | 23:57 | 9 | * | * | * | * |
| 19 | 9 | 16 | 32 | 55 | 80 | 102 | 117 | 123 | 122 | 116 | 106 | 98 | 94 | 98 | 107 | 119 | 131 | 137 | 134 | 122 | 102 | 78 | 54 | 34 | 2186 | 91.1 | | 7:22 | 123 | 17:14 | 137 | * | * | * | * | 12: 0 | 94 | * | * | * | * | * | * |
| 20 | 23 | 22 | 31 | 48 | 69 | 90 | 108 | 118 | 121 | 118 | 110 | 101 | 93 | 91 | 94 | 103 | 113 | 122 | 126 | 122 | 110 | 92 | 73 | 54 | 2152 | 89.7 | | 7:57 | 121 | 18: 0 | 126 | * | * | * | * | 0:35 | 21 | 12:54 | 91 | * | * | * | * |
| 21 | 41 | 34 | 37 | 47 | 63 | 81 | 99 | 112 | 119 | 119 | 114 | 106 | 97 | 90 | 87 | 89 | 96 | 104 | 110 | 113 | 109 | 99 | 86 | 72 | 2124 | 88.5 | | 8:33 | 119 | 18:54 | 113 | * | * | * | * | 1:13 | 34 | 14: 0 | 87 | * | * | * | * |
| 22 | 59 | 50 | 47 | 52 | 62 | 76 | 91 | 105 | 115 | 119 | 117 | 111 | 102 | 93 | 85 | 81 | 82 | 86 | 92 | 98 | 100 | 98 | 93 | 84 | 2098 | 87.4 | U | 9:11 | 119 | 20: 7 | 100 | * | * | * | * | 1:53 | 47 | 15:23 | 81 | * | * | * | * |
| 23 | 75 | 67 | 61 | 61 | 65 | 74 | 86 | 99 | 110 | 117 | 119 | 116 | 109 | 99 | 88 | 79 | 73 | 71 | 74 | 79 | 86 | 90 | 92 | 91 | 2081 | 86.7 | | 9:53 | 119 | 22: 1 | 92 | * | * | * | * | 2:39 | 60 | 16:52 | 71 | * | * | * | * |
| 24 | 87 | 82 | 77 | 73 | 73 | 76 | 83 | 94 | 105 | 114 | 119 | 120 | 116 | 107 | 95 | 82 | 70 | 61 | 58 | 61 | 68 | 77 | 85 | 91 | 2074 | 86.4 | | 10:37 | 120 | * | * | * | * | 3:39 | 72 | 18: 1 | 58 | * | * | * | * | | |
| 25 | 94 | 94 | 91 | 87 | 83 | 82 | 84 | 91 | 100 | 109 | 117 | 122 | 121 | 115 | 104 | 88 | 72 | 57 | 48 | 45 | 50 | 59 | 72 | 85 | 2070 | 86.3 | | 0:25 | 94 | 11:22 | 122 | * | * | * | * | 4:53 | 82 | 18:52 | 45 | * | * | * | * |
| 26 | 95 | 101 | 103 | 100 | 96 | 91 | 89 | 90 | 96 | 105 | 114 | 121 | 125 | 122 | 113 | 98 | 79 | 59 | 43 | 34 | 33 | 41 | 55 | 73 | 2076 | 86.5 | | 1:53 | 103 | 12: 4 | 125 | * | * | * | * | 6: 6 | 89 | 19:33 | 32 | * | * | * | * |
| 27 | 90 | 103 | 110 | 111 | 108 | 102 | 96 | 93 | 95 | 101 | 110 | 119 | 126 | 128 | 122 | 109 | 89 | 66 | 45 | 28 | 21 | 25 | 37 | 56 | 2090 | 87.1 | | 2:45 | 111 | 12:44 | 128 | * | * | * | * | 7: 7 | 93 | 20:11 | 21 | * | * | * | * |
| 28 | 78 | 97 | 111 | 118 | 118 | 112 | 104 | 98 | 95 | 98 | 105 | 115 | 125 | 131 | 130 | 120 | 102 | 78 | 52 | 30 | 15 | 12 | 20 | 38 | 2102 | 87.6 | | 3:25 | 119 | 13:21 | 131 | * | * | * | * | 7:58 | 95 | 20:47 | 12 | * | * | * | * |
| 29 | 62 | 86 | 107 | 119 | 124 | 120 | 113 | 104 | 98 | 97 | 102 | 111 | 122 | 131 | 135 | 130 | 115 | 92 | 64 | 37 | 16 | 5 | 7 | 21 | 2118 | 88.3 | | 4: 1 | 124 | 13:57 | 135 | * | * | * | * | 8:40 | 97 | 21:22 | 5 | * | * | * | * |
| 30 | 43 | 71 | 96 | 115 | 125 | 126 | 120 | 110 | 102 | 97 | 98 | 105 | 117 | 129 | 137 | 137 | 127 | 107 | 80 | 50 | 24 | 6 | 0 | 7 | 2129 | 88.7 | F | 4:36 | 127 | 14:32 | 138 | * | * | * | * | 9:18 | 97 | 21:57 | 0 | * | * | * | * |
| 31 | 25 | 52 | 80 | 105 | 121 | 127 | 125 | 117 | 107 | 99 | 97 | 101 | 111 | 123 | 135 | 140 | 136 | 121 | 97 | 68 | 38 | 14 | 0 | -1 | 2138 | 89.1 | | 5:12 | 127 | 15: 6 | 140 | * | * | * | * | 9:52 | 97 | 22:33 | -2 | * | * | * | * |

| 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 |
| 744 | 66649 | 89.6 | 16日 15時 7分 | 154 | 1 | 15日 21時 56分 | -8 | 1 |