# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 1 月

| 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 日 | 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 | 38 | 49 | 63 | 80 | 95 | 105 | 108 | 101 | 87 | 69 | 55 | 46 | 47 | 56 | 70 | 86 | 101 | 111 | 113 | 104 | 88 | 67 | 47 | 33 | 1819 | 75.8 | | 5:47 | 108 | 17:39 | 113 | * | * | * | * | 11:26 | 46 | * | * | * | * | * | * |
| 2 | 27 | 31 | 43 | 60 | 80 | 98 | 111 | 115 | 108 | 91 | 71 | 53 | 43 | 43 | 53 | 70 | 89 | 105 | 116 | 116 | 106 | 86 | 61 | 39 | 1815 | 75.6 | | 6:50 | 115 | 18:33 | 117 | * | * | * | * | 0: 4 | 27 | 12:28 | 42 | * | * | * | * |
| 3 | 24 | 20 | 26 | 41 | 62 | 86 | 107 | 120 | 123 | 112 | 92 | 68 | 47 | 37 | 39 | 53 | 73 | 95 | 113 | 122 | 120 | 105 | 81 | 53 | 1819 | 75.8 | | 7:41 | 123 | 19:19 | 123 | * | * | * | * | 0:54 | 20 | 13:19 | 37 | * | * | * | * |
| 4 | 29 | 15 | 14 | 24 | 44 | 69 | 96 | 118 | 130 | 128 | 113 | 87 | 59 | 39 | 31 | 38 | 56 | 80 | 104 | 122 | 128 | 121 | 100 | 72 | 1817 | 75.7 | | 8:24 | 131 | 19:59 | 128 | * | * | * | * | 1:38 | 13 | 14: 2 | 31 | * | * | * | * |
| 5 | 42 | 19 | 8 | 11 | 27 | 52 | 81 | 108 | 129 | 137 | 129 | 107 | 77 | 48 | 30 | 27 | 40 | 64 | 91 | 115 | 130 | 131 | 117 | 91 | 1811 | 75.5 | | 9: 2 | 137 | 20:35 | 132 | * | * | * | * | 2:16 | 7 | 14:40 | 26 | * | * | * | * |
| 6 | 59 | 29 | 9 | 3 | 13 | 34 | 64 | 94 | 121 | 138 | 139 | 125 | 97 | 64 | 37 | 23 | 28 | 47 | 75 | 103 | 125 | 135 | 130 | 109 | 1801 | 75.0 | N | 9:36 | 141 | 21: 9 | 135 | * | * | * | * | 2:52 | 3 | 15:15 | 23 | * | * | * | * |
| 7 | 79 | 45 | 18 | 3 | 4 | 20 | 47 | 78 | 109 | 132 | 142 | 136 | 114 | 82 | 50 | 27 | 21 | 33 | 58 | 88 | 115 | 133 | 136 | 123 | 1793 | 74.7 | | 10: 7 | 142 | 21:42 | 136 | * | * | * | * | 3:26 | 1 | 15:49 | 21 | * | * | * | * |
| 8 | 97 | 64 | 31 | 9 | 1 | 10 | 32 | 62 | 94 | 121 | 138 | 140 | 125 | 98 | 65 | 37 | 22 | 25 | 43 | 71 | 100 | 123 | 135 | 130 | 1773 | 73.9 | | 10:37 | 141 | 22:14 | 135 | * | * | * | * | 3:57 | 1 | 16:21 | 21 | * | * | * | * |
| 9 | 111 | 82 | 48 | 21 | 5 | 5 | 21 | 47 | 78 | 107 | 129 | 137 | 131 | 110 | 81 | 51 | 30 | 23 | 33 | 55 | 83 | 109 | 127 | 131 | 1755 | 73.1 | | 11: 5 | 137 | 22:47 | 131 | * | * | * | * | 4:28 | 3 | 16:53 | 23 | * | * | * | * |
| 10 | 120 | 97 | 66 | 36 | 15 | 7 | 15 | 36 | 64 | 92 | 116 | 130 | 130 | 117 | 94 | 66 | 41 | 28 | 29 | 43 | 66 | 92 | 113 | 124 | 1737 | 72.4 | | 11:32 | 132 | 23:22 | 125 | * | * | * | * | 4:58 | 7 | 17:26 | 26 | * | * | * | * |
| 11 | 122 | 107 | 82 | 53 | 29 | 15 | 15 | 28 | 51 | 77 | 102 | 119 | 125 | 119 | 102 | 79 | 55 | 37 | 30 | 37 | 53 | 74 | 96 | 111 | 1718 | 71.6 | | 12: 1 | 125 | 23:59 | 117 | * | * | * | * | 5:29 | 13 | 18: 1 | 30 | * | * | * | * |
| 12 | 117 | 111 | 94 | 70 | 46 | 27 | 20 | 26 | 42 | 64 | 87 | 105 | 116 | 116 | 107 | 90 | 69 | 50 | 38 | 36 | 44 | 59 | 78 | 94 | 1706 | 71.1 | | 12:33 | 118 | * | * | * | * | * | * | 6: 3 | 20 | 18:40 | 35 | * | * | * | * |
| 13 | 106 | 108 | 100 | 84 | 63 | 44 | 31 | 29 | 38 | 54 | 73 | 91 | 104 | 110 | 107 | 97 | 81 | 64 | 49 | 40 | 40 | 48 | 61 | 76 | 1698 | 70.8 | | 0:43 | 108 | 13:11 | 110 | * | * | * | * | 6:41 | 29 | 19:30 | 39 | * | * | * | * |
| 14 | 90 | 99 | 100 | 93 | 79 | 63 | 48 | 39 | 39 | 47 | 61 | 76 | 90 | 100 | 103 | 100 | 91 | 78 | 63 | 50 | 42 | 41 | 47 | 58 | 1697 | 70.7 | U | 1:39 | 100 | 14: 2 | 103 | * | * | * | * | 7:30 | 37 | 20:35 | 41 | * | * | * | * |
| 15 | 71 | 84 | 93 | 95 | 91 | 81 | 67 | 54 | 47 | 46 | 52 | 63 | 75 | 87 | 96 | 100 | 98 | 91 | 79 | 64 | 50 | 41 | 38 | 42 | 1705 | 71.0 | | 2:53 | 95 | 15:15 | 100 | * | * | * | * | 8:36 | 45 | 21:54 | 38 | * | * | * | * |
| 16 | 52 | 65 | 79 | 90 | 96 | 96 | 88 | 76 | 62 | 52 | 49 | 51 | 60 | 71 | 83 | 94 | 101 | 101 | 95 | 83 | 66 | 48 | 35 | 30 | 1723 | 71.8 | | 4:24 | 97 | 16:39 | 102 | * | * | * | * | 10: 4 | 49 | 23: 9 | 30 | * | * | * | * |
| 17 | 33 | 43 | 59 | 76 | 92 | 103 | 105 | 99 | 85 | 69 | 55 | 46 | 46 | 53 | 66 | 81 | 96 | 106 | 109 | 103 | 87 | 65 | 43 | 26 | 1746 | 72.8 | | 5:47 | 105 | 17:50 | 109 | * | * | * | * | 11:31 | 45 | * | * | * | * | * | * |
| 18 | 18 | 22 | 35 | 55 | 78 | 99 | 114 | 118 | 111 | 94 | 72 | 52 | 40 | 38 | 46 | 63 | 83 | 102 | 116 | 120 | 111 | 91 | 63 | 35 | 1776 | 74.0 | | 6:53 | 119 | 18:49 | 120 | * | * | * | * | 0:12 | 18 | 12:40 | 37 | * | * | * | * |
| 19 | 14 | 5 | 10 | 28 | 54 | 83 | 110 | 128 | 133 | 123 | 99 | 71 | 45 | 29 | 28 | 40 | 62 | 88 | 112 | 128 | 131 | 118 | 92 | 57 | 1788 | 74.5 | | 7:49 | 133 | 19:42 | 132 | * | * | * | * | 1: 7 | 5 | 13:35 | 27 | * | * | * | * |
| 20 | 24 | 0 | -8 | 1 | 24 | 56 | 92 | 123 | 143 | 146 | 130 | 100 | 64 | 34 | 18 | 20 | 37 | 65 | 96 | 124 | 140 | 141 | 123 | 90 | 1783 | 74.3 | | 8:38 | 147 | 20:32 | 143 | * | * | * | * | 1:58 | -8 | 14:24 | 17 | * | * | * | * |
| 21 | 49 | 12 | -13 | -18 | -4 | 25 | 63 | 104 | 138 | 156 | 154 | 131 | 94 | 53 | 22 | 8 | 15 | 38 | 71 | 106 | 135 | 150 | 146 | 123 | 1758 | 73.3 | F | 9:24 | 158 | 21:20 | 151 | * | * | * | * | 2:46 | -19 | 15: 9 | 8 | * | * | * | * |
| 22 | 84 | 39 | 0 | -22 | -23 | -4 | 31 | 74 | 117 | 150 | 164 | 155 | 125 | 82 | 40 | 11 | 2 | 15 | 43 | 79 | 115 | 143 | 155 | 146 | 1721 | 71.7 | | 10: 8 | 164 | 22: 6 | 155 | * | * | * | * | 3:32 | -25 | 15:53 | 2 | * | * | * | * |
| 23 | 117 | 75 | 29 | -8 | -26 | -21 | 4 | 43 | 87 | 128 | 157 | 164 | 148 | 113 | 68 | 28 | 4 | 2 | 19 | 51 | 87 | 121 | 145 | 153 | 1688 | 70.3 | | 10:49 | #165 | 22:52 | 153 | * | * | * | * | 4:16 | #-26 | 16:35 | 0 | * | * | * | * |
| 24 | 139 | 107 | 64 | 21 | -11 | -21 | -10 | 18 | 57 | 100 | 136 | 157 | 157 | 134 | 96 | 54 | 19 | 3 | 7 | 28 | 59 | 93 | 123 | 142 | 1672 | 69.7 | | 11:29 | 160 | 23:36 | 145 | * | * | * | * | 4:59 | -21 | 17:17 | 2 | * | * | * | * |
| 25 | 144 | 127 | 95 | 54 | 17 | -6 | -10 | 6 | 35 | 72 | 109 | 137 | 149 | 142 | 117 | 80 | 43 | 17 | 8 | 16 | 38 | 66 | 95 | 119 | 1670 | 69.6 | | 12: 8 | 150 | * | * | * | * | * | * | 5:41 | -11 | 18: 0 | 8 | * | * | * | * |
| 26 | 132 | 130 | 112 | 83 | 49 | 20 | 5 | 7 | 25 | 52 | 84 | 112 | 131 | 136 | 124 | 99 | 68 | 39 | 20 | 17 | 27 | 46 | 70 | 93 | 1681 | 70.0 | | 0:22 | 133 | 12:46 | 136 | * | * | * | * | 6:22 | 4 | 18:44 | 16 | * | * | * | * |
| 27 | 110 | 118 | 114 | 99 | 75 | 49 | 29 | 21 | 26 | 42 | 65 | 89 | 109 | 120 | 120 | 107 | 86 | 61 | 40 | 28 | 27 | 36 | 51 | 69 | 1691 | 70.5 | | 1:10 | 119 | 13:26 | 122 | * | * | * | * | 7: 6 | 21 | 19:34 | 26 | * | * | * | * |
| 28 | 86 | 98 | 104 | 101 | 90 | 73 | 55 | 42 | 37 | 42 | 55 | 72 | 89 | 102 | 108 | 106 | 96 | 79 | 61 | 45 | 36 | 35 | 41 | 52 | 1705 | 71.0 | L | 2: 9 | 104 | 14:15 | 108 | * | * | * | * | 7:57 | 37 | 20:38 | 35 | * | * | * | * |
| 29 | 64 | 77 | 87 | 92 | 93 | 87 | 77 | 64 | 55 | 50 | 53 | 60 | 72 | 83 | 93 | 98 | 97 | 91 | 79 | 65 | 52 | 42 | 39 | 41 | 1711 | 71.3 | | 3:34 | 93 | 15:24 | 98 | * | * | * | * | 9: 9 | 50 | 22: 7 | 39 | * | * | * | * |
| 30 | 47 | 57 | 68 | 78 | 87 | 92 | 91 | 85 | 75 | 64 | 57 | 55 | 59 | 67 | 77 | 86 | 93 | 95 | 92 | 83 | 70 | 56 | 44 | 37 | 1715 | 71.5 | | 5:23 | 93 | 16:57 | 95 | * | * | * | * | 10:52 | 55 | 23:41 | 36 | * | * | * | * |
| 31 | 36 | 41 | 50 | 62 | 76 | 89 | 98 | 100 | 94 | 82 | 68 | 57 | 51 | 52 | 60 | 72 | 85 | 95 | 100 | 98 | 88 | 73 | 55 | 40 | 1722 | 71.8 | | 6:45 | 100 | 18:14 | 100 | * | * | * | * | 12:18 | 51 | * | * | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 744 | 54014 | 72.6 | 23 日 10 時 49 分 | 165 | 1 | 23 日 4 時 16 分 | -26 | 1 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 2 月

| 日 | 毎時潮位 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 | 満潮 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 干潮 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30 | 28 | 34 | 46 | 62 | 81 | 98 | 109 | 110 | 101 | 84 | 65 | 50 | 42 | 45 | 56 | 72 | 89 | 102 | 108 | 104 | 91 | 71 | 50 | 1728 | 72.0 | | 7:39 | 111 | 19: 8 | 108 | * | * | * | * | 0:47 | 28 | 13:14 | 42 | * | * | * | * |
| 2 | 31 | 21 | 20 | 30 | 47 | 68 | 91 | 110 | 120 | 118 | 103 | 79 | 55 | 38 | 33 | 40 | 57 | 79 | 99 | 113 | 117 | 109 | 90 | 64 | 1732 | 72.2 | | 8:19 | 121 | 19:50 | 117 | * | * | * | * | 1:33 | 19 | 13:55 | 33 | * | * | * | * |
| 3 | 39 | 20 | 11 | 15 | 30 | 54 | 80 | 106 | 124 | 129 | 120 | 97 | 68 | 42 | 26 | 26 | 40 | 64 | 90 | 112 | 124 | 123 | 108 | 83 | 1731 | 72.1 | | 8:52 | 129 | 20:26 | 125 | * | * | * | * | 2:10 | 11 | 14:30 | 24 | * | * | * | * |
| 4 | 52 | 25 | 8 | 5 | 16 | 38 | 66 | 96 | 121 | 134 | 132 | 114 | 84 | 52 | 27 | 18 | 25 | 47 | 76 | 104 | 124 | 132 | 124 | 101 | 1721 | 71.7 | | 9:23 | 136 | 21: 0 | 132 | * | * | * | * | 2:43 | 4 | 15: 3 | 17 | * | * | * | * |
| 5 | 70 | 37 | 11 | -1 | 4 | 22 | 51 | 83 | 113 | 133 | 139 | 128 | 101 | 67 | 35 | 16 | 14 | 31 | 59 | 90 | 118 | 134 | 134 | 118 | 1707 | 71.1 | N | 9:51 | 140 | 21:32 | 136 | * | * | * | * | 3:14 | -1 | 15:34 | 13 | * | * | * | * |
| 6 | 88 | 53 | 21 | 1 | -3 | 10 | 36 | 68 | 101 | 127 | 140 | 136 | 115 | 83 | 47 | 21 | 10 | 18 | 41 | 73 | 105 | 128 | 138 | 130 | 1687 | 70.3 | | 10:17 | 141 | 22: 3 | 138 | * | * | * | * | 3:43 | -4 | 16: 4 | 10 | * | * | * | * |
| 7 | 106 | 71 | 36 | 8 | -4 | 2 | 23 | 53 | 87 | 116 | 136 | 139 | 125 | 97 | 62 | 31 | 12 | 11 | 27 | 55 | 88 | 116 | 134 | 135 | 1666 | 69.4 | | 10:42 | 140 | 22:34 | 136 | * | * | * | * | 4:11 | -4 | 16:33 | 9 | * | * | * | * |
| 8 | 119 | 89 | 54 | 22 | 2 | -1 | 14 | 40 | 72 | 103 | 127 | 136 | 130 | 108 | 77 | 44 | 20 | 10 | 18 | 40 | 70 | 99 | 122 | 132 | 1647 | 68.6 | | 11: 6 | 137 | 23: 6 | 132 | * | * | * | * | 4:38 | -2 | 17: 2 | 10 | * | * | * | * |
| 9 | 126 | 103 | 72 | 38 | 13 | 3 | 9 | 30 | 59 | 89 | 115 | 129 | 130 | 115 | 89 | 58 | 32 | 16 | 15 | 29 | 53 | 81 | 106 | 123 | 1633 | 68.0 | | 11:31 | 131 | 23:40 | 126 | * | * | * | * | 5: 6 | 3 | 17:32 | 13 | * | * | * | * |
| 10 | 125 | 112 | 87 | 57 | 29 | 12 | 11 | 24 | 48 | 76 | 101 | 119 | 125 | 117 | 98 | 72 | 46 | 26 | 18 | 24 | 41 | 64 | 88 | 108 | 1628 | 67.8 | | 11:57 | 125 | * | * | * | * | * | * | 5:36 | 9 | 18: 4 | 18 | * | * | * | * |
| 11 | 117 | 114 | 98 | 74 | 48 | 28 | 18 | 23 | 40 | 63 | 87 | 106 | 116 | 115 | 103 | 84 | 61 | 40 | 26 | 24 | 33 | 49 | 70 | 89 | 1626 | 67.8 | | 0:16 | 118 | 12:26 | 117 | * | * | * | * | 6: 9 | 18 | 18:42 | 23 | * | * | * | * |
| 12 | 103 | 109 | 103 | 88 | 68 | 47 | 33 | 29 | 37 | 53 | 73 | 91 | 104 | 108 | 104 | 92 | 75 | 56 | 40 | 31 | 31 | 39 | 53 | 70 | 1637 | 68.2 | | 0:59 | 109 | 13: 2 | 108 | * | * | * | * | 6:48 | 29 | 19:32 | 29 | * | * | * | * |
| 13 | 85 | 96 | 100 | 95 | 84 | 68 | 53 | 43 | 41 | 48 | 61 | 75 | 88 | 97 | 100 | 96 | 87 | 74 | 58 | 45 | 36 | 34 | 40 | 50 | 1654 | 68.9 | U | 1:56 | 100 | 13:56 | 100 | * | * | * | * | 7:41 | 41 | 20:43 | 34 | * | * | * | * |
| 14 | 64 | 77 | 88 | 93 | 93 | 87 | 76 | 64 | 55 | 51 | 54 | 61 | 71 | 81 | 89 | 94 | 94 | 89 | 79 | 65 | 51 | 39 | 33 | 35 | 1683 | 70.1 | | 3:25 | 94 | 15:31 | 95 | * | * | * | * | 9: 4 | 51 | 22:19 | 33 | * | * | * | * |
| 15 | 42 | 54 | 68 | 82 | 93 | 98 | 96 | 89 | 77 | 64 | 55 | 52 | 55 | 62 | 73 | 84 | 94 | 99 | 98 | 89 | 74 | 55 | 38 | 26 | 1717 | 71.5 | | 5:18 | 98 | 17:22 | 99 | * | * | * | * | 11: 2 | 52 | 23:49 | 23 | * | * | * | * |
| 16 | 24 | 30 | 43 | 61 | 81 | 98 | 109 | 111 | 103 | 87 | 69 | 52 | 43 | 43 | 51 | 66 | 83 | 99 | 110 | 111 | 102 | 82 | 56 | 32 | 1746 | 72.8 | | 6:42 | 112 | 18:38 | 112 | * | * | * | * | 12:30 | 42 | * | * | * | * | * | * |
| 17 | 14 | 9 | 16 | 33 | 58 | 85 | 110 | 125 | 128 | 116 | 93 | 66 | 42 | 29 | 29 | 42 | 63 | 88 | 110 | 125 | 127 | 113 | 86 | 52 | 1759 | 73.3 | | 7:41 | 129 | 19:37 | 128 | * | * | * | * | 0:56 | 9 | 13:28 | 27 | * | * | * | * |
| 18 | 20 | -1 | -6 | 4 | 29 | 61 | 96 | 126 | 143 | 142 | 123 | 91 | 55 | 27 | 13 | 17 | 37 | 65 | 97 | 125 | 141 | 140 | 120 | 85 | 1750 | 72.9 | | 8:28 | 145 | 20:27 | 143 | * | * | * | * | 1:50 | -7 | 14:15 | 12 | * | * | * | * |
| 19 | 43 | 6 | -16 | -18 | -1 | 30 | 70 | 111 | 143 | 158 | 151 | 122 | 81 | 39 | 9 | -1 | 10 | 37 | 73 | 110 | 140 | 154 | 148 | 121 | 1720 | 71.7 | | 9:11 | 158 | 21:14 | 155 | * | * | * | * | 2:37 | -20 | 14:58 | -1 | * | * | * | * |
| 20 | 78 | 31 | -7 | -27 | -23 | 1 | 40 | 85 | 128 | 158 | 166 | 149 | 112 | 65 | 21 | -5 | -9 | 10 | 43 | 83 | 122 | 151 | 161 | 148 | 1681 | 70.0 | F | 9:50 | 166 | 21:58 | 161 | * | * | * | * | 3:20 | -28 | 15:39 | -10 | * | * | * | * |
| 21 | 114 | 66 | 18 | -17 | -30 | -18 | 13 | 56 | 102 | 142 | 165 | 164 | 138 | 95 | 46 | 6 | -13 | -8 | 16 | 53 | 94 | 131 | 155 | 159 | 1647 | 68.6 | | 10:28 | #168 | 22:39 | 160 | * | * | * | * | 4: 1 | #-30 | 16:18 | -14 | * | * | * | * |
| 22 | 140 | 101 | 53 | 9 | -19 | -23 | -4 | 31 | 74 | 117 | 150 | 163 | 152 | 119 | 74 | 29 | -2 | -12 | 0 | 28 | 65 | 103 | 135 | 152 | 1635 | 68.1 | | 11: 3 | 163 | 23:20 | 153 | * | * | * | * | 4:40 | -24 | 16:56 | -12 | * | * | * | * |
| 23 | 148 | 124 | 85 | 41 | 6 | -12 | -7 | 16 | 52 | 91 | 126 | 148 | 151 | 132 | 97 | 56 | 19 | -2 | -3 | 14 | 42 | 76 | 108 | 131 | 1639 | 68.3 | | 11:36 | 152 | 23:59 | 140 | * | * | * | * | 5:17 | -13 | 17:33 | -5 | * | * | * | * |
| 24 | 140 | 130 | 105 | 71 | 36 | 11 | 4 | 14 | 39 | 71 | 103 | 127 | 138 | 131 | 109 | 77 | 44 | 18 | 6 | 12 | 30 | 55 | 82 | 106 | 1659 | 69.1 | | 12: 8 | 138 | * | * | * | * | * | * | 5:53 | 3 | 18:10 | 6 | * | * | * | * |
| 25 | 120 | 122 | 111 | 89 | 62 | 38 | 23 | 23 | 36 | 58 | 83 | 105 | 119 | 121 | 111 | 90 | 64 | 40 | 24 | 20 | 28 | 43 | 63 | 82 | 1675 | 69.8 | | 0:39 | 123 | 12:39 | 122 | * | * | * | * | 6:30 | 22 | 18:49 | 20 | * | * | * | * |
| 26 | 97 | 105 | 104 | 95 | 79 | 61 | 46 | 40 | 43 | 54 | 70 | 87 | 100 | 106 | 104 | 94 | 78 | 60 | 44 | 35 | 34 | 40 | 51 | 64 | 1691 | 70.5 | L | 1:24 | 106 | 13:13 | 106 | * | * | * | * | 7:11 | 40 | 19:37 | 34 | * | * | * | * |
| 27 | 76 | 86 | 90 | 91 | 86 | 78 | 68 | 59 | 55 | 57 | 64 | 73 | 83 | 90 | 93 | 91 | 85 | 75 | 64 | 53 | 47 | 45 | 47 | 52 | 1708 | 71.2 | | 2:32 | 91 | 14: 6 | 93 | * | * | * | * | 8:11 | 55 | 20:56 | 45 | * | * | * | * |
| 28 | 60 | 67 | 74 | 80 | 85 | 86 | 84 | 78 | 71 | 66 | 63 | 64 | 68 | 74 | 79 | 84 | 86 | 84 | 80 | 72 | 63 | 54 | 48 | 46 | 1716 | 71.5 | | 4:53 | 86 | 16: 9 | 86 | * | * | * | * | 10:16 | 63 | 23:12 | 46 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 672 | 47223 | 70.3 | 21 日 10 時 28 分 | 168 | 1 | 21 日 4 時 1 分 | -30 | 1 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 3 月

| 日 | 毎時潮位 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 | 満潮 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 干潮 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 47 | 51 | 58 | 68 | 78 | 87 | 93 | 94 | 89 | 79 | 68 | 60 | 56 | 58 | 64 | 73 | 82 | 89 | 92 | 89 | 80 | 68 | 55 | 45 | 1723 | 71.8 | | 6:36 | 95 | 18: 0 | 92 | * | * | * | * | 12:10 | 56 | * | * | * | * | * | * |
| 2 | 38 | 38 | 43 | 53 | 67 | 83 | 97 | 105 | 105 | 95 | 79 | 63 | 50 | 45 | 48 | 59 | 74 | 88 | 99 | 102 | 98 | 85 | 68 | 49 | 1731 | 72.1 | | 7:27 | 106 | 18:58 | 102 | * | * | * | * | 0:37 | 37 | 13: 4 | 45 | * | * | * | * |
| 3 | 35 | 27 | 29 | 38 | 55 | 75 | 95 | 111 | 117 | 111 | 95 | 72 | 50 | 36 | 34 | 43 | 61 | 81 | 100 | 112 | 113 | 103 | 84 | 60 | 1737 | 72.4 | | 8: 2 | 117 | 19:38 | 114 | * | * | * | * | 1:22 | 27 | 13:41 | 33 | * | * | * | * |
| 4 | 38 | 22 | 17 | 23 | 40 | 63 | 88 | 111 | 125 | 125 | 111 | 86 | 57 | 34 | 23 | 27 | 44 | 69 | 94 | 114 | 124 | 120 | 103 | 76 | 1734 | 72.3 | | 8:32 | 127 | 20:13 | 124 | * | * | * | * | 1:56 | 17 | 14:13 | 22 | * | * | * | * |
| 5 | 47 | 23 | 10 | 11 | 25 | 48 | 77 | 105 | 126 | 134 | 125 | 102 | 70 | 39 | 18 | 14 | 27 | 52 | 83 | 110 | 129 | 132 | 120 | 94 | 1721 | 71.7 | | 8:59 | 134 | 20:45 | 133 | * | * | * | * | 2:26 | 8 | 14:43 | 14 | * | * | * | * |
| 6 | 62 | 30 | 9 | 2 | 11 | 34 | 64 | 96 | 123 | 138 | 136 | 117 | 85 | 49 | 20 | 7 | 13 | 34 | 66 | 99 | 126 | 139 | 135 | 113 | 1708 | 71.2 | | 9:25 | 139 | 21:16 | 139 | * | * | * | * | 2:54 | 2 | 15:12 | 7 | * | * | * | * |
| 7 | 80 | 44 | 14 | -1 | 1 | 20 | 49 | 83 | 115 | 136 | 142 | 129 | 101 | 63 | 29 | 6 | 3 | 18 | 48 | 83 | 115 | 138 | 143 | 129 | 1688 | 70.3 | N | 9:49 | 142 | 21:47 | 143 | * | * | * | * | 3:21 | -2 | 15:40 | 2 | * | * | * | * |
| 8 | 99 | 61 | 26 | 2 | -4 | 9 | 35 | 69 | 103 | 130 | 143 | 137 | 114 | 79 | 41 | 12 | 0 | 7 | 30 | 64 | 99 | 129 | 143 | 139 | 1667 | 69.5 | | 10:13 | 143 | 22:17 | 144 | * | * | * | * | 3:48 | -4 | 16: 8 | -1 | * | * | * | * |
| 9 | 116 | 81 | 43 | 12 | -2 | 2 | 24 | 55 | 90 | 120 | 139 | 141 | 124 | 94 | 56 | 23 | 3 | 1 | 17 | 46 | 81 | 113 | 136 | 142 | 1657 | 69.0 | | 10:36 | 142 | 22:48 | 142 | * | * | * | * | 4:15 | -3 | 16:35 | -1 | * | * | * | * |
| 10 | 129 | 100 | 63 | 28 | 6 | 2 | 16 | 43 | 76 | 107 | 130 | 138 | 130 | 105 | 72 | 38 | 12 | 2 | 9 | 32 | 62 | 95 | 122 | 136 | 1653 | 68.9 | | 11: 0 | 138 | 23:21 | 137 | * | * | * | * | 4:42 | 1 | 17: 4 | 2 | * | * | * | * |
| 11 | 133 | 113 | 82 | 48 | 21 | 8 | 13 | 34 | 62 | 93 | 117 | 131 | 130 | 113 | 86 | 54 | 26 | 10 | 8 | 22 | 46 | 75 | 103 | 123 | 1651 | 68.8 | | 11:25 | 132 | 23:55 | 129 | * | * | * | * | 5:12 | 7 | 17:34 | 7 | * | * | * | * |
| 12 | 129 | 120 | 98 | 69 | 41 | 22 | 18 | 29 | 52 | 78 | 102 | 119 | 124 | 116 | 96 | 70 | 44 | 24 | 15 | 19 | 35 | 58 | 83 | 104 | 1665 | 69.4 | | 11:52 | 124 | * | * | * | * | * | * | 5:44 | 17 | 18:10 | 14 | * | * | * | * |
| 13 | 117 | 118 | 106 | 86 | 62 | 42 | 30 | 32 | 46 | 66 | 87 | 104 | 113 | 112 | 101 | 84 | 62 | 42 | 28 | 24 | 30 | 44 | 63 | 82 | 1681 | 70.0 | | 0:34 | 119 | 12:24 | 114 | * | * | * | * | 6:22 | 29 | 18:55 | 24 | * | * | * | * |
| 14 | 98 | 106 | 106 | 97 | 81 | 64 | 50 | 44 | 47 | 58 | 72 | 87 | 98 | 102 | 100 | 92 | 79 | 63 | 48 | 37 | 33 | 37 | 47 | 61 | 1707 | 71.1 | U | 1:25 | 107 | 13:10 | 102 | * | * | * | * | 7:10 | 43 | 20: 1 | 33 | * | * | * | * |
| 15 | 75 | 88 | 96 | 98 | 94 | 85 | 74 | 63 | 57 | 57 | 62 | 70 | 79 | 87 | 92 | 93 | 90 | 83 | 72 | 59 | 47 | 39 | 37 | 42 | 1739 | 72.5 | | 2:50 | 98 | 14:48 | 93 | * | * | * | * | 8:32 | 56 | 21:47 | 37 | * | * | * | * |
| 16 | 51 | 64 | 77 | 88 | 96 | 99 | 96 | 88 | 76 | 66 | 59 | 57 | 60 | 67 | 76 | 85 | 93 | 97 | 95 | 86 | 71 | 54 | 39 | 30 | 1770 | 73.8 | | 4:59 | 99 | 17:12 | 97 | * | * | * | * | 10:51 | 57 | 23:33 | 29 | * | * | * | * |
| 17 | 30 | 38 | 51 | 69 | 88 | 103 | 112 | 112 | 102 | 85 | 67 | 51 | 44 | 45 | 54 | 68 | 85 | 101 | 111 | 112 | 101 | 80 | 55 | 32 | 1796 | 74.8 | | 6:28 | 113 | 18:33 | 113 | * | * | * | * | 12:23 | 43 | * | * | * | * | * | * |
| 18 | 17 | 14 | 24 | 43 | 68 | 94 | 117 | 129 | 128 | 112 | 86 | 58 | 36 | 26 | 29 | 44 | 67 | 92 | 115 | 129 | 129 | 113 | 84 | 49 | 1803 | 75.1 | | 7:24 | 130 | 19:29 | 131 | * | * | * | * | 0:43 | 14 | 13:16 | 25 | * | * | * | * |
| 19 | 19 | 1 | 0 | 14 | 41 | 74 | 108 | 135 | 146 | 139 | 114 | 79 | 43 | 17 | 8 | 17 | 40 | 72 | 105 | 133 | 147 | 142 | 118 | 80 | 1792 | 74.7 | | 8: 8 | 147 | 20:17 | 148 | * | * | * | * | 1:35 | -2 | 13:59 | 8 | * | * | * | * |
| 20 | 38 | 4 | -13 | -10 | 12 | 47 | 88 | 126 | 152 | 159 | 143 | 107 | 63 | 22 | -2 | -5 | 12 | 43 | 82 | 120 | 149 | 160 | 149 | 116 | 1762 | 73.4 | | 8:48 | 159 | 21: 1 | 160 | * | * | * | * | 2:20 | -14 | 14:39 | -7 | * | * | * | * |
| 21 | 70 | 24 | -9 | -21 | -10 | 20 | 61 | 105 | 143 | 165 | 162 | 136 | 91 | 43 | 3 | -16 | -11 | 15 | 53 | 95 | 135 | 160 | 165 | 146 | 1725 | 71.9 | F | 9:25 | 167 | 21:42 | 166 | * | * | * | * | 3: 0 | -21 | 15:17 | -17 | * | * | * | * |
| 22 | 106 | 57 | 12 | -16 | -20 | -1 | 35 | 79 | 123 | 156 | 168 | 155 | 119 | 71 | 23 | -10 | -20 | -6 | 25 | 66 | 109 | 144 | 164 | 160 | 1699 | 70.8 | | 9:59 | #168 | 22:22 | 165 | * | * | * | * | 3:39 | #-22 | 15:54 | -20 | * | * | * | * |
| 23 | 134 | 91 | 43 | 4 | -15 | -9 | 16 | 55 | 98 | 136 | 159 | 160 | 137 | 97 | 50 | 9 | -14 | -14 | 6 | 40 | 80 | 119 | 147 | 157 | 1686 | 70.3 | | 10:32 | 163 | 23: 0 | 157 | * | * | * | * | 4:16 | -16 | 16:30 | -17 | * | * | * | * |
| 24 | 147 | 116 | 75 | 33 | 5 | -4 | 10 | 39 | 76 | 113 | 141 | 152 | 143 | 115 | 75 | 34 | 4 | -8 | 0 | 24 | 57 | 92 | 122 | 141 | 1702 | 70.9 | | 11: 3 | 152 | 23:37 | 144 | * | * | * | * | 4:52 | -4 | 17: 4 | -8 | * | * | * | * |
| 25 | 143 | 127 | 98 | 62 | 31 | 13 | 14 | 32 | 60 | 92 | 120 | 136 | 137 | 121 | 92 | 58 | 27 | 8 | 6 | 19 | 42 | 70 | 98 | 119 | 1725 | 71.9 | | 11:31 | 138 | * | * | * | * | * | * | 5:26 | 12 | 17:38 | 5 | * | * | * | * |
| 26 | 128 | 124 | 108 | 83 | 56 | 36 | 28 | 35 | 53 | 77 | 100 | 117 | 123 | 117 | 99 | 75 | 49 | 29 | 20 | 24 | 37 | 57 | 78 | 97 | 1750 | 72.9 | | 0:13 | 128 | 11:59 | 123 | * | * | * | * | 6: 1 | 28 | 18:13 | 20 | * | * | * | * |
| 27 | 109 | 112 | 106 | 93 | 75 | 58 | 47 | 45 | 53 | 68 | 85 | 99 | 108 | 107 | 99 | 84 | 67 | 50 | 38 | 35 | 40 | 51 | 65 | 79 | 1773 | 73.9 | | 0:51 | 112 | 12:28 | 109 | * | * | * | * | 6:38 | 45 | 18:53 | 35 | * | * | * | * |
| 28 | 90 | 96 | 97 | 93 | 86 | 76 | 66 | 60 | 60 | 65 | 74 | 83 | 91 | 95 | 93 | 87 | 78 | 67 | 57 | 50 | 48 | 51 | 57 | 65 | 1785 | 74.4 | L | 1:44 | 97 | 13:11 | 95 | * | * | * | * | 7:32 | 59 | 19:56 | 48 | * | * | * | * |
| 29 | 73 | 80 | 85 | 88 | 89 | 87 | 82 | 76 | 71 | 68 | 67 | 70 | 75 | 80 | 84 | 85 | 84 | 81 | 75 | 68 | 61 | 56 | 54 | 55 | 1794 | 74.8 | | 3:53 | 89 | 15:12 | 85 | * | * | * | * | 9:33 | 67 | 22:11 | 54 | * | * | * | * |
| 30 | 58 | 64 | 71 | 79 | 87 | 93 | 95 | 92 | 85 | 76 | 67 | 61 | 60 | 64 | 71 | 79 | 86 | 90 | 90 | 85 | 77 | 66 | 56 | 49 | 1801 | 75.0 | | 5:58 | 95 | 17:31 | 91 | * | * | * | * | 11:42 | 60 | * | * | * | * | * | * |
| 31 | 47 | 49 | 56 | 67 | 80 | 93 | 103 | 106 | 101 | 88 | 73 | 58 | 49 | 48 | 55 | 67 | 81 | 94 | 101 | 101 | 94 | 81 | 64 | 49 | 1805 | 75.2 | | 6:53 | 106 | 18:33 | 102 | * | * | * | * | 0: 1 | 47 | 12:37 | 48 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 744 | 53630 | 72.1 | 22 日 9 時 59 分 | 168 | 1 | 22 日 3 時 39 分 | -22 | 1 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 4 月

| 日 | 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 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 39 | 36 | 41 | 53 | 70 | 89 | 105 | 115 | 115 | 103 | 84 | 62 | 44 | 35 | 38 | 51 | 71 | 91 | 107 | 114 | 111 | 98 | 78 | 56 | 1806 | 75.3 | | 7:29 | 116 | 19:14 | 114 | * | * | * | * | 0:52 | 36 | 13:14 | 35 | * | * | * | * |
| 2 | 37 | 27 | 28 | 39 | 57 | 80 | 102 | 119 | 125 | 118 | 98 | 72 | 45 | 28 | 24 | 34 | 55 | 81 | 105 | 121 | 126 | 116 | 95 | 68 | 1800 | 75.0 | | 7:58 | 125 | 19:49 | 126 | * | * | * | * | 1:27 | 26 | 13:46 | 24 | * | * | * | * |
| 3 | 42 | 24 | 18 | 25 | 43 | 68 | 95 | 119 | 132 | 131 | 114 | 85 | 53 | 27 | 14 | 18 | 37 | 66 | 96 | 121 | 135 | 132 | 115 | 86 | 1796 | 74.8 | | 8:25 | 133 | 20:22 | 136 | * | * | * | * | 1:58 | 18 | 14:15 | 14 | * | * | * | * |
| 4 | 53 | 27 | 12 | 13 | 29 | 54 | 85 | 114 | 134 | 139 | 128 | 101 | 66 | 32 | 11 | 6 | 20 | 47 | 81 | 114 | 137 | 144 | 133 | 106 | 1786 | 74.4 | | 8:50 | 140 | 20:54 | 144 | * | * | * | * | 2:26 | 11 | 14:44 | 6 | * | * | * | * |
| 5 | 70 | 36 | 13 | 6 | 16 | 40 | 72 | 104 | 131 | 144 | 139 | 116 | 81 | 43 | 13 | 0 | 6 | 29 | 62 | 99 | 130 | 148 | 146 | 126 | 1770 | 73.8 | N | 9:15 | 144 | 21:26 | 150 | * | * | * | * | 2:53 | 6 | 15:12 | -1 | * | * | * | * |
| 6 | 91 | 53 | 21 | 4 | 7 | 27 | 57 | 92 | 123 | 143 | 146 | 130 | 98 | 59 | 23 | 0 | -3 | 13 | 43 | 80 | 117 | 143 | 153 | 142 | 1762 | 73.4 | | 9:39 | 147 | 21:58 | 153 | * | * | * | * | 3:21 | 3 | 15:40 | -4 | * | * | * | * |
| 7 | 113 | 74 | 36 | 10 | 4 | 16 | 43 | 77 | 111 | 137 | 148 | 139 | 114 | 77 | 38 | 8 | -5 | 2 | 26 | 60 | 98 | 130 | 150 | 150 | 1756 | 73.2 | | 10: 5 | 148 | 22:30 | 152 | * | * | * | * | 3:50 | 3 | 16: 8 | -5 | * | * | * | * |
| 8 | 130 | 96 | 57 | 25 | 8 | 11 | 31 | 62 | 96 | 125 | 142 | 143 | 125 | 94 | 56 | 22 | 1 | -2 | 14 | 42 | 77 | 111 | 137 | 148 | 1751 | 73.0 | | 10:31 | 145 | 23: 4 | 148 | * | * | * | * | 4:20 | 7 | 16:39 | -3 | * | * | * | * |
| 9 | 140 | 115 | 80 | 45 | 21 | 14 | 25 | 50 | 80 | 110 | 131 | 139 | 130 | 107 | 75 | 42 | 16 | 4 | 9 | 28 | 57 | 89 | 118 | 136 | 1761 | 73.4 | | 10:59 | 139 | 23:41 | 140 | * | * | * | * | 4:52 | 14 | 17:12 | 3 | * | * | * | * |
| 10 | 139 | 126 | 100 | 69 | 41 | 26 | 26 | 42 | 66 | 93 | 115 | 128 | 128 | 115 | 91 | 63 | 36 | 18 | 13 | 22 | 43 | 69 | 95 | 117 | 1781 | 74.2 | | 11:29 | 130 | * | * | * | * | * | * | 5:27 | 24 | 17:50 | 13 | * | * | * | * |
| 11 | 128 | 126 | 112 | 90 | 65 | 45 | 37 | 42 | 57 | 78 | 98 | 112 | 118 | 114 | 101 | 81 | 59 | 39 | 27 | 25 | 35 | 52 | 73 | 93 | 1807 | 75.3 | | 0:22 | 129 | 12: 5 | 118 | * | * | * | * | 6: 8 | 37 | 18:38 | 25 | * | * | * | * |
| 12 | 109 | 116 | 114 | 103 | 87 | 69 | 55 | 50 | 55 | 66 | 80 | 94 | 103 | 106 | 102 | 93 | 79 | 64 | 49 | 39 | 36 | 42 | 54 | 69 | 1834 | 76.4 | | 1:16 | 116 | 12:57 | 106 | * | * | * | * | 7: 1 | 50 | 19:47 | 36 | * | * | * | * |
| 13 | 85 | 97 | 105 | 106 | 102 | 91 | 79 | 67 | 61 | 61 | 66 | 74 | 83 | 90 | 95 | 97 | 94 | 87 | 75 | 61 | 49 | 42 | 42 | 48 | 1857 | 77.4 | U | 2:43 | 107 | 14:54 | 97 | * | * | * | * | 8:31 | 60 | 21:33 | 41 | * | * | * | * |
| 14 | 59 | 73 | 87 | 99 | 107 | 108 | 102 | 91 | 77 | 66 | 58 | 57 | 61 | 70 | 80 | 91 | 100 | 104 | 100 | 89 | 73 | 55 | 41 | 34 | 1882 | 78.4 | | 4:40 | 108 | 17: 6 | 104 | * | * | * | * | 10:43 | 57 | 23:14 | 34 | * | * | * | * |
| 15 | 37 | 47 | 64 | 83 | 101 | 115 | 120 | 115 | 101 | 81 | 61 | 47 | 42 | 46 | 58 | 75 | 94 | 110 | 119 | 117 | 103 | 80 | 54 | 33 | 1903 | 79.3 | | 6: 1 | 120 | 18:19 | 120 | * | * | * | * | 12: 3 | 42 | * | * | * | * | * | * |
| 16 | 22 | 24 | 38 | 59 | 85 | 111 | 129 | 135 | 126 | 104 | 76 | 48 | 29 | 24 | 32 | 51 | 77 | 104 | 126 | 137 | 132 | 111 | 80 | 47 | 1907 | 79.5 | | 6:55 | 135 | 19:13 | 137 | * | * | * | * | 0:21 | 21 | 12:53 | 24 | * | * | * | * |
| 17 | 21 | 9 | 14 | 33 | 63 | 95 | 125 | 144 | 147 | 131 | 100 | 62 | 30 | 10 | 9 | 24 | 52 | 85 | 118 | 143 | 152 | 142 | 113 | 74 | 1896 | 79.0 | | 7:38 | 148 | 19:59 | 152 | * | * | * | * | 1:12 | 9 | 13:35 | 7 | * | * | * | * |
| 18 | 35 | 8 | 0 | 10 | 37 | 73 | 110 | 141 | 157 | 153 | 127 | 87 | 44 | 10 | -5 | 0 | 24 | 59 | 98 | 133 | 157 | 162 | 144 | 108 | 1872 | 78.0 | | 8:17 | 158 | 20:42 | 162 | * | * | * | * | 1:56 | -1 | 14:14 | -6 | * | * | * | * |
| 19 | 63 | 23 | -1 | -3 | 15 | 48 | 88 | 127 | 155 | 164 | 149 | 115 | 69 | 25 | -5 | -13 | 0 | 31 | 70 | 112 | 146 | 166 | 163 | 138 | 1845 | 76.9 | F | 8:54 | 164 | 21:24 | #167 | * | * | * | * | 2:36 | -5 | 14:51 | -13 | * | * | * | * |
| 20 | 97 | 51 | 14 | -3 | 2 | 27 | 65 | 105 | 141 | 161 | 161 | 137 | 97 | 50 | 10 | -13 | -12 | 9 | 44 | 85 | 124 | 154 | 166 | 156 | 1828 | 76.2 | | 9:28 | 164 | 22: 3 | 166 | * | * | * | * | 3:15 | -4 | 15:28 | #-15 | * | * | * | * |
| 21 | 125 | 83 | 40 | 11 | 2 | 15 | 45 | 83 | 121 | 149 | 159 | 149 | 119 | 76 | 33 | 2 | -11 | -2 | 24 | 60 | 99 | 133 | 155 | 158 | 1828 | 76.2 | | 10: 1 | 159 | 22:41 | 159 | * | * | * | * | 3:52 | 2 | 16: 4 | -11 | * | * | * | * |
| 22 | 142 | 109 | 69 | 34 | 14 | 15 | 34 | 65 | 100 | 130 | 148 | 148 | 130 | 98 | 59 | 24 | 2 | 0 | 15 | 42 | 76 | 109 | 135 | 148 | 1846 | 76.9 | | 10:31 | 151 | 23:17 | 148 | * | * | * | * | 4:28 | 12 | 16:38 | -2 | * | * | * | * |
| 23 | 144 | 124 | 93 | 60 | 34 | 24 | 32 | 53 | 82 | 111 | 132 | 139 | 132 | 110 | 79 | 47 | 22 | 11 | 16 | 34 | 60 | 88 | 113 | 130 | 1870 | 77.9 | | 11: 0 | 139 | 23:52 | 135 | * | * | * | * | 5: 3 | 24 | 17:12 | 11 | * | * | * | * |
| 24 | 135 | 127 | 107 | 81 | 56 | 41 | 38 | 50 | 70 | 94 | 114 | 126 | 125 | 113 | 92 | 67 | 44 | 28 | 25 | 33 | 51 | 73 | 94 | 111 | 1895 | 79.0 | | 11:29 | 127 | * | * | * | * | * | * | 5:39 | 38 | 17:46 | 24 | * | * | * | * |
| 25 | 121 | 120 | 111 | 95 | 76 | 59 | 51 | 53 | 64 | 80 | 97 | 110 | 114 | 110 | 98 | 81 | 63 | 47 | 39 | 40 | 49 | 63 | 79 | 94 | 1914 | 79.8 | | 0:29 | 122 | 12: 1 | 114 | * | * | * | * | 6:18 | 50 | 18:25 | 38 | * | * | * | * |
| 26 | 104 | 109 | 108 | 101 | 89 | 77 | 66 | 62 | 64 | 72 | 83 | 93 | 100 | 102 | 98 | 90 | 78 | 66 | 56 | 51 | 52 | 58 | 68 | 78 | 1925 | 80.2 | | 1:16 | 109 | 12:48 | 102 | * | * | * | * | 7:11 | 62 | 19:21 | 50 | * | * | * | * |
| 27 | 88 | 96 | 100 | 100 | 97 | 91 | 82 | 74 | 69 | 68 | 71 | 77 | 84 | 90 | 93 | 93 | 89 | 82 | 74 | 66 | 60 | 58 | 60 | 66 | 1928 | 80.3 | L | 2:41 | 100 | 14:25 | 94 | * | * | * | * | 8:44 | 68 | 20:56 | 58 | * | * | * | * |
| 28 | 73 | 81 | 89 | 95 | 100 | 100 | 97 | 89 | 80 | 71 | 65 | 64 | 68 | 75 | 83 | 90 | 95 | 95 | 91 | 83 | 73 | 64 | 58 | 56 | 1935 | 80.6 | | 4:42 | 101 | 16:34 | 96 | * | * | * | * | 10:43 | 64 | 22:51 | 56 | * | * | * | * |
| 29 | 59 | 66 | 75 | 87 | 97 | 105 | 108 | 104 | 93 | 79 | 65 | 56 | 53 | 58 | 68 | 82 | 94 | 103 | 105 | 100 | 89 | 75 | 61 | 52 | 1934 | 80.6 | | 5:55 | 108 | 17:48 | 105 | * | * | * | * | 11:52 | 53 | * | * | * | * | * | * |
| 30 | 48 | 52 | 61 | 75 | 91 | 105 | 115 | 116 | 108 | 92 | 72 | 54 | 43 | 42 | 51 | 68 | 87 | 104 | 115 | 116 | 107 | 91 | 71 | 53 | 1937 | 80.7 | | 6:39 | 117 | 18:37 | 117 | * | * | * | * | 0: 1 | 48 | 12:35 | 41 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 720 | 55412 | 77.0 | 19 日 21 時 24 分 | 167 | 1 | 20 日 15 時 28 分 | -15 | 1 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 5 月

| 日 | 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 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 42 | 40 | 47 | 62 | 81 | 101 | 117 | 125 | 121 | 106 | 83 | 58 | 38 | 30 | 34 | 50 | 74 | 98 | 118 | 128 | 125 | 110 | 87 | 62 | 1937 | 80.7 | | 7:12 | 125 | 19:16 | 128 | * | * | * | * | 0:44 | 40 | 13: 9 | 30 | * | * | * | * |
| 2 | 42 | 32 | 34 | 47 | 68 | 93 | 115 | 130 | 133 | 121 | 97 | 68 | 40 | 23 | 20 | 32 | 56 | 86 | 113 | 133 | 139 | 129 | 106 | 77 | 1934 | 80.6 | | 7:42 | 133 | 19:53 | 139 | * | * | * | * | 1:19 | 32 | 13:40 | 19 | * | * | * | * |
| 3 | 49 | 30 | 25 | 34 | 54 | 81 | 109 | 130 | 140 | 135 | 114 | 82 | 48 | 22 | 10 | 16 | 37 | 68 | 102 | 130 | 147 | 146 | 128 | 97 | 1934 | 80.6 | | 8: 9 | 141 | 20:28 | 148 | * | * | * | * | 1:51 | 25 | 14:10 | 10 | * | * | * | * |
| 4 | 63 | 35 | 21 | 23 | 40 | 67 | 98 | 126 | 144 | 146 | 130 | 100 | 63 | 29 | 7 | 4 | 19 | 48 | 84 | 119 | 146 | 156 | 147 | 121 | 1936 | 80.7 | | 8:37 | 147 | 21: 2 | 156 | * | * | * | * | 2:22 | 19 | 14:40 | 3 | * | * | * | * |
| 5 | 84 | 49 | 24 | 16 | 27 | 51 | 83 | 116 | 141 | 151 | 144 | 118 | 82 | 43 | 12 | -1 | 5 | 28 | 62 | 101 | 135 | 157 | 160 | 142 | 1930 | 80.4 | N | 9: 6 | 151 | 21:38 | 161 | * | * | * | * | 2:54 | 16 | 15:11 | -2 | * | * | * | * |
| 6 | 109 | 70 | 36 | 18 | 19 | 37 | 67 | 101 | 131 | 150 | 152 | 135 | 102 | 63 | 26 | 3 | -2 | 12 | 41 | 78 | 116 | 146 | 161 | 156 | 1927 | 80.3 | | 9:36 | 153 | 22:15 | 162 | * | * | * | * | 3:27 | 16 | 15:44 | # -3 | * | * | * | * |
| 7 | 132 | 95 | 57 | 29 | 18 | 27 | 51 | 83 | 115 | 140 | 151 | 144 | 121 | 86 | 48 | 17 | 1 | 4 | 24 | 56 | 92 | 127 | 151 | 158 | 1927 | 80.3 | | 10: 8 | 151 | 22:53 | 158 | * | * | * | * | 4: 2 | 18 | 16:20 | 0 | * | * | * | * |
| 8 | 147 | 119 | 83 | 50 | 29 | 26 | 40 | 67 | 97 | 124 | 142 | 145 | 132 | 106 | 72 | 39 | 15 | 7 | 15 | 38 | 69 | 102 | 131 | 148 | 1943 | 81.0 | | 10:42 | 146 | 23:34 | 151 | * | * | * | * | 4:39 | 25 | 16:59 | 7 | * | * | * | * |
| 9 | 149 | 134 | 107 | 75 | 48 | 35 | 38 | 54 | 79 | 105 | 125 | 136 | 133 | 118 | 93 | 64 | 38 | 21 | 17 | 28 | 50 | 78 | 106 | 128 | 1959 | 81.6 | | 11:19 | 136 | * | * | * | * | * | * | 5:19 | 34 | 17:43 | 17 | * | * | * | * |
| 10 | 139 | 137 | 122 | 99 | 73 | 53 | 45 | 50 | 66 | 86 | 105 | 119 | 125 | 121 | 108 | 87 | 64 | 44 | 31 | 30 | 40 | 58 | 81 | 103 | 1986 | 82.8 | | 0:21 | 140 | 12: 5 | 125 | * | * | * | * | 6: 6 | 45 | 18:36 | 29 | * | * | * | * |
| 11 | 120 | 129 | 127 | 115 | 97 | 77 | 62 | 55 | 59 | 70 | 85 | 98 | 109 | 113 | 112 | 103 | 89 | 71 | 54 | 42 | 40 | 46 | 60 | 77 | 2010 | 83.8 | | 1:20 | 129 | 13:14 | 114 | * | * | * | * | 7: 6 | 55 | 19:47 | 39 | * | * | * | * |
| 12 | 96 | 111 | 120 | 121 | 114 | 100 | 84 | 70 | 62 | 61 | 67 | 77 | 88 | 98 | 105 | 109 | 106 | 97 | 82 | 65 | 51 | 45 | 46 | 56 | 2031 | 84.6 | U | 2:39 | 122 | 15: 5 | 109 | * | * | * | * | 8:34 | 61 | 21:18 | 44 | * | * | * | * |
| 13 | 71 | 88 | 104 | 116 | 122 | 119 | 107 | 91 | 74 | 61 | 56 | 57 | 65 | 76 | 90 | 104 | 113 | 115 | 108 | 93 | 74 | 56 | 44 | 42 | 2046 | 85.3 | | 4: 9 | 122 | 16:46 | 115 | * | * | * | * | 10:18 | 55 | 22:44 | 41 | * | * | * | * |
| 14 | 49 | 64 | 83 | 103 | 119 | 128 | 127 | 115 | 94 | 72 | 54 | 44 | 43 | 52 | 69 | 88 | 108 | 123 | 128 | 121 | 103 | 78 | 54 | 38 | 2057 | 85.7 | | 5:22 | 129 | 17:56 | 128 | * | * | * | * | 11:31 | 42 | 23:51 | 34 | * | * | * | * |
| 15 | 34 | 42 | 59 | 83 | 108 | 128 | 138 | 135 | 118 | 92 | 63 | 40 | 28 | 30 | 44 | 66 | 93 | 118 | 136 | 141 | 131 | 108 | 77 | 49 | 2061 | 85.9 | | 6:17 | 139 | 18:51 | 141 | * | * | * | * | 12:23 | 27 | * | * | * | * | * | * |
| 16 | 30 | 27 | 38 | 61 | 89 | 117 | 139 | 148 | 140 | 117 | 84 | 50 | 25 | 14 | 21 | 41 | 70 | 102 | 130 | 149 | 152 | 137 | 107 | 71 | 2059 | 85.8 | | 7: 3 | 148 | 19:39 | 153 | * | * | * | * | 0:43 | 26 | 13: 6 | 14 | * | * | * | * |
| 17 | 40 | 23 | 23 | 39 | 67 | 100 | 130 | 150 | 154 | 140 | 109 | 70 | 34 | 11 | 5 | 18 | 44 | 78 | 114 | 143 | 160 | 157 | 136 | 101 | 2046 | 85.3 | | 7:44 | 155 | 20:24 | 161 | * | * | * | * | 1:29 | 20 | 13:47 | 5 | * | * | * | * |
| 18 | 63 | 32 | 18 | 24 | 46 | 78 | 113 | 142 | 158 | 155 | 133 | 96 | 55 | 20 | 2 | 3 | 22 | 53 | 90 | 126 | 153 | 165 | 157 | 130 | 2034 | 84.8 | | 8:22 | 159 | 21: 6 | #165 | * | * | * | * | 2:12 | 18 | 14:26 | 0 | * | * | * | * |
| 19 | 92 | 53 | 27 | 19 | 31 | 58 | 92 | 126 | 150 | 159 | 149 | 120 | 81 | 41 | 11 | -1 | 8 | 32 | 66 | 103 | 137 | 159 | 165 | 150 | 2028 | 84.5 | F | 8:58 | 159 | 21:46 | #165 | * | * | * | * | 2:52 | 19 | 15: 4 | -1 | * | * | * | * |
| 20 | 119 | 81 | 46 | 26 | 25 | 43 | 73 | 107 | 136 | 154 | 155 | 137 | 104 | 65 | 30 | 8 | 4 | 19 | 46 | 80 | 115 | 144 | 159 | 158 | 2034 | 84.8 | | 9:32 | 157 | 22:24 | 161 | * | * | * | * | 3:31 | 23 | 15:41 | 3 | * | * | * | * |
| 21 | 138 | 106 | 70 | 42 | 29 | 36 | 58 | 88 | 118 | 141 | 151 | 144 | 121 | 88 | 53 | 25 | 11 | 15 | 34 | 62 | 94 | 124 | 146 | 154 | 2048 | 85.3 | | 10: 5 | 151 | 23: 1 | 154 | * | * | * | * | 4: 8 | 29 | 16:17 | 11 | * | * | * | * |
| 22 | 146 | 124 | 93 | 62 | 42 | 38 | 50 | 73 | 101 | 125 | 141 | 142 | 130 | 105 | 75 | 46 | 26 | 20 | 30 | 50 | 77 | 105 | 129 | 142 | 2072 | 86.3 | | 10:37 | 143 | 23:36 | 145 | * | * | * | * | 4:45 | 37 | 16:52 | 20 | * | * | * | * |
| 23 | 144 | 132 | 109 | 83 | 59 | 47 | 49 | 63 | 85 | 109 | 127 | 135 | 130 | 115 | 92 | 66 | 44 | 32 | 33 | 45 | 65 | 89 | 111 | 127 | 2091 | 87.1 | | 11: 9 | 135 | * | * | * | * | * | * | 5:22 | 46 | 17:27 | 31 | * | * | * | * |
| 24 | 135 | 131 | 118 | 98 | 77 | 61 | 55 | 60 | 74 | 93 | 110 | 122 | 125 | 118 | 103 | 83 | 63 | 48 | 42 | 46 | 58 | 76 | 95 | 112 | 2103 | 87.6 | | 0:11 | 135 | 11:46 | 125 | * | * | * | * | 6: 2 | 54 | 18: 6 | 41 | * | * | * | * |
| 25 | 122 | 125 | 120 | 108 | 93 | 77 | 65 | 62 | 68 | 80 | 94 | 107 | 114 | 115 | 108 | 96 | 80 | 65 | 55 | 52 | 56 | 67 | 81 | 96 | 2106 | 87.8 | | 0:53 | 125 | 12:35 | 115 | * | * | * | * | 6:51 | 62 | 18:54 | 52 | * | * | * | * |
| 26 | 108 | 115 | 117 | 113 | 104 | 92 | 79 | 71 | 68 | 71 | 79 | 90 | 99 | 106 | 108 | 104 | 95 | 83 | 71 | 63 | 60 | 63 | 71 | 81 | 2111 | 88.0 | | 1:49 | 117 | 13:47 | 108 | * | * | * | * | 7:58 | 68 | 19:59 | 60 | * | * | * | * |
| 27 | 93 | 103 | 109 | 112 | 111 | 104 | 94 | 83 | 73 | 68 | 68 | 73 | 82 | 92 | 101 | 105 | 105 | 99 | 89 | 78 | 69 | 64 | 64 | 69 | 2108 | 87.8 | L | 3: 9 | 112 | 15:24 | 106 | * | * | * | * | 9:28 | 67 | 21:25 | 63 | * | * | * | * |
| 28 | 78 | 89 | 99 | 108 | 113 | 113 | 108 | 97 | 84 | 71 | 63 | 61 | 65 | 75 | 88 | 100 | 108 | 111 | 106 | 95 | 83 | 71 | 63 | 61 | 2110 | 87.9 | | 4:32 | 114 | 16:48 | 111 | * | * | * | * | 10:48 | 61 | 22:48 | 61 | * | * | * | * |
| 29 | 65 | 74 | 87 | 100 | 111 | 118 | 118 | 111 | 97 | 79 | 63 | 53 | 51 | 58 | 72 | 89 | 106 | 117 | 120 | 114 | 100 | 83 | 68 | 58 | 2112 | 88.0 | | 5:32 | 119 | 17:49 | 120 | * | * | * | * | 11:43 | 51 | 23:48 | 55 | * | * | * | * |
| 30 | 56 | 61 | 73 | 89 | 106 | 119 | 126 | 124 | 112 | 92 | 70 | 51 | 41 | 42 | 54 | 73 | 96 | 116 | 128 | 130 | 120 | 102 | 80 | 61 | 2122 | 88.4 | | 6:15 | 127 | 18:37 | 131 | * | * | * | * | 12:24 | 40 | * | * | * | * | * | * |
| 31 | 50 | 50 | 59 | 76 | 96 | 116 | 130 | 134 | 127 | 107 | 81 | 55 | 37 | 30 | 36 | 55 | 80 | 108 | 130 | 141 | 139 | 123 | 99 | 72 | 2131 | 88.8 | | 6:52 | 135 | 19:20 | 142 | * | * | * | * | 0:33 | 49 | 13: 0 | 30 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 744 | 62933 | 84.6 | 19 日 21 時 46 分 | 165 | 2 | 6 日 15 時 44 分 | -3 | 1 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 6 月

| 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 日 | 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 | 52 | 42 | 46 | 61 | 83 | 108 | 129 | 141 | 140 | 125 | 98 | 67 | 39 | 23 | 22 | 35 | 61 | 92 | 122 | 144 | 153 | 145 | 122 | 92 | 2142 | 89.3 | | 7:26 | 143 | 20: 0 | 153 | * | * | * | * | 1:13 | 42 | 13:35 | 20 | * | * | * | * |
| 2 | 62 | 42 | 37 | 46 | 67 | 95 | 122 | 143 | 150 | 142 | 119 | 85 | 51 | 24 | 12 | 18 | 39 | 71 | 106 | 138 | 158 | 161 | 146 | 117 | 2151 | 89.6 | | 8: 0 | 150 | 20:41 | 162 | * | * | * | * | 1:51 | 36 | 14:10 | 12 | * | * | * | * |
| 3 | 82 | 51 | 34 | 35 | 51 | 77 | 108 | 136 | 153 | 155 | 139 | 109 | 71 | 36 | 12 | 7 | 20 | 47 | 83 | 120 | 151 | 167 | 165 | 143 | 2152 | 89.7 | N | 8:36 | 156 | 21:22 | 169 | * | * | * | * | 2:29 | 32 | 14:47 | 6 | * | * | * | * |
| 4 | 108 | 71 | 43 | 31 | 37 | 59 | 90 | 121 | 147 | 159 | 154 | 132 | 96 | 57 | 24 | 6 | 7 | 26 | 58 | 96 | 133 | 160 | 171 | 162 | 2148 | 89.5 | | 9:14 | 160 | 22: 3 | #171 | * | * | * | * | 3: 8 | 30 | 15:27 | # 4 | * | * | * | * |
| 5 | 136 | 99 | 62 | 38 | 32 | 44 | 70 | 101 | 131 | 153 | 159 | 148 | 122 | 85 | 47 | 18 | 6 | 13 | 36 | 69 | 107 | 141 | 164 | 169 | 2150 | 89.6 | | 9:53 | 159 | 22:46 | 170 | * | * | * | * | 3:49 | 31 | 16: 9 | 6 | * | * | * | * |
| 6 | 155 | 126 | 89 | 57 | 38 | 37 | 54 | 80 | 110 | 136 | 152 | 154 | 139 | 111 | 76 | 42 | 19 | 12 | 22 | 47 | 80 | 115 | 144 | 162 | 2157 | 89.9 | | 10:35 | 155 | 23:32 | 164 | * | * | * | * | 4:31 | 35 | 16:53 | 12 | * | * | * | * |
| 7 | 162 | 146 | 116 | 83 | 55 | 42 | 46 | 63 | 88 | 114 | 136 | 147 | 145 | 129 | 103 | 72 | 43 | 24 | 21 | 33 | 57 | 87 | 118 | 143 | 2173 | 90.5 | | 11:22 | 148 | * | * | * | * | * | * | 5:16 | 41 | 17:42 | 21 | * | * | * | * |
| 8 | 155 | 153 | 136 | 109 | 80 | 58 | 49 | 54 | 70 | 92 | 113 | 130 | 138 | 135 | 122 | 99 | 72 | 48 | 34 | 33 | 44 | 65 | 91 | 117 | 2197 | 91.5 | | 0:21 | 156 | 12:17 | 138 | * | * | * | * | 6: 6 | 49 | 18:36 | 31 | * | * | * | * |
| 9 | 137 | 147 | 143 | 128 | 105 | 81 | 62 | 55 | 60 | 72 | 89 | 107 | 121 | 129 | 128 | 118 | 100 | 78 | 57 | 44 | 43 | 52 | 69 | 91 | 2216 | 92.3 | | 1:15 | 147 | 13:26 | 130 | * | * | * | * | 7: 6 | 55 | 19:39 | 42 | * | * | * | * |
| 10 | 113 | 130 | 139 | 137 | 124 | 105 | 83 | 67 | 59 | 60 | 69 | 83 | 98 | 112 | 122 | 125 | 119 | 105 | 86 | 67 | 53 | 50 | 56 | 70 | 2232 | 93.0 | U | 2:19 | 139 | 14:51 | 125 | * | * | * | * | 8:19 | 58 | 20:52 | 50 | * | * | * | * |
| 11 | 89 | 109 | 125 | 135 | 134 | 124 | 106 | 86 | 68 | 57 | 56 | 62 | 75 | 90 | 106 | 120 | 126 | 124 | 112 | 94 | 74 | 59 | 53 | 56 | 2240 | 93.3 | | 3:29 | 136 | 16:16 | 127 | * | * | * | * | 9:41 | 55 | 22: 8 | 53 | * | * | * | * |
| 12 | 69 | 87 | 106 | 124 | 135 | 136 | 126 | 108 | 86 | 65 | 51 | 48 | 53 | 67 | 85 | 105 | 122 | 132 | 132 | 121 | 101 | 79 | 61 | 52 | 2251 | 93.8 | | 4:37 | 137 | 17:29 | 134 | * | * | * | * | 10:53 | 47 | 23:17 | 52 | * | * | * | * |
| 13 | 54 | 67 | 86 | 107 | 126 | 139 | 140 | 129 | 108 | 82 | 58 | 42 | 38 | 45 | 62 | 84 | 108 | 129 | 141 | 141 | 128 | 105 | 79 | 59 | 2257 | 94.0 | | 5:37 | 141 | 18:30 | 142 | * | * | * | * | 11:51 | 38 | * | * | * | * | * | * |
| 14 | 49 | 52 | 66 | 88 | 112 | 133 | 145 | 144 | 130 | 104 | 75 | 48 | 32 | 30 | 41 | 61 | 88 | 115 | 138 | 150 | 148 | 132 | 105 | 76 | 2262 | 94.3 | | 6:28 | 146 | 19:23 | 151 | * | * | * | * | 0:16 | 48 | 12:40 | 29 | * | * | * | * |
| 15 | 54 | 45 | 51 | 68 | 93 | 120 | 140 | 151 | 146 | 127 | 97 | 65 | 38 | 24 | 25 | 40 | 65 | 95 | 125 | 148 | 158 | 153 | 132 | 101 | 2261 | 94.2 | | 7:13 | 151 | 20:10 | 158 | * | * | * | * | 1: 7 | 45 | 13:25 | 23 | * | * | * | * |
| 16 | 70 | 49 | 42 | 52 | 74 | 102 | 129 | 148 | 155 | 145 | 121 | 88 | 54 | 29 | 19 | 25 | 45 | 74 | 106 | 136 | 157 | 163 | 153 | 127 | 2263 | 94.3 | | 7:55 | 155 | 20:54 | 163 | * | * | * | * | 1:53 | 42 | 14: 7 | 19 | * | * | * | * |
| 17 | 94 | 63 | 44 | 43 | 57 | 83 | 113 | 139 | 154 | 155 | 140 | 111 | 76 | 44 | 23 | 18 | 30 | 54 | 85 | 118 | 146 | 163 | 164 | 148 | 2265 | 94.4 | F | 8:34 | 157 | 21:34 | 166 | * | * | * | * | 2:35 | 41 | 14:47 | 18 | * | * | * | * |
| 18 | 118 | 84 | 55 | 42 | 46 | 66 | 95 | 124 | 146 | 157 | 152 | 131 | 99 | 65 | 36 | 21 | 22 | 39 | 66 | 99 | 130 | 154 | 165 | 159 | 2271 | 94.6 | | 9:11 | 157 | 22:11 | 165 | * | * | * | * | 3:15 | 41 | 15:24 | 19 | * | * | * | * |
| 19 | 138 | 106 | 73 | 50 | 43 | 54 | 78 | 107 | 133 | 151 | 155 | 144 | 119 | 87 | 55 | 32 | 23 | 31 | 52 | 81 | 112 | 139 | 157 | 161 | 2281 | 95.0 | | 9:46 | 155 | 22:46 | 162 | * | * | * | * | 3:52 | 43 | 16: 0 | 23 | * | * | * | * |
| 20 | 150 | 125 | 93 | 65 | 49 | 49 | 65 | 90 | 117 | 140 | 151 | 149 | 132 | 106 | 75 | 48 | 32 | 30 | 43 | 67 | 95 | 123 | 145 | 156 | 2295 | 95.6 | | 10:20 | 152 | 23:18 | 156 | * | * | * | * | 4:29 | 47 | 16:35 | 29 | * | * | * | * |
| 21 | 153 | 137 | 111 | 82 | 60 | 51 | 57 | 76 | 101 | 124 | 141 | 147 | 139 | 120 | 93 | 66 | 45 | 36 | 41 | 57 | 81 | 107 | 130 | 145 | 2300 | 95.8 | | 10:55 | 147 | 23:51 | 150 | * | * | * | * | 5: 5 | 51 | 17: 9 | 36 | * | * | * | * |
| 22 | 150 | 142 | 123 | 99 | 75 | 60 | 57 | 67 | 86 | 108 | 127 | 138 | 139 | 128 | 108 | 84 | 62 | 47 | 44 | 53 | 71 | 93 | 115 | 132 | 2308 | 96.2 | | 11:32 | 140 | * | * | * | * | * | * | 5:42 | 56 | 17:45 | 44 | * | * | * | * |
| 23 | 141 | 140 | 130 | 111 | 90 | 72 | 63 | 64 | 75 | 92 | 110 | 124 | 132 | 129 | 118 | 100 | 80 | 63 | 53 | 54 | 65 | 81 | 100 | 118 | 2305 | 96.0 | | 0:25 | 142 | 12:16 | 132 | * | * | * | * | 6:24 | 62 | 18:24 | 52 | * | * | * | * |
| 24 | 130 | 135 | 131 | 120 | 104 | 87 | 73 | 67 | 69 | 79 | 93 | 108 | 119 | 124 | 122 | 111 | 96 | 80 | 67 | 61 | 64 | 74 | 88 | 103 | 2305 | 96.0 | | 1: 4 | 135 | 13:10 | 124 | * | * | * | * | 7:13 | 67 | 19:11 | 61 | * | * | * | * |
| 25 | 117 | 126 | 128 | 124 | 114 | 101 | 86 | 75 | 69 | 71 | 78 | 90 | 103 | 113 | 119 | 118 | 110 | 97 | 84 | 73 | 68 | 70 | 78 | 90 | 2302 | 95.9 | L | 1:54 | 128 | 14:19 | 119 | * | * | * | * | 8:17 | 69 | 20:11 | 68 | * | * | * | * |
| 26 | 103 | 114 | 122 | 124 | 122 | 113 | 100 | 87 | 75 | 68 | 68 | 74 | 85 | 98 | 110 | 117 | 118 | 113 | 102 | 89 | 78 | 72 | 73 | 79 | 2304 | 96.0 | | 2:59 | 124 | 15:40 | 119 | * | * | * | * | 9:31 | 68 | 21:25 | 72 | * | * | * | * |
| 27 | 89 | 101 | 112 | 121 | 125 | 123 | 114 | 101 | 85 | 72 | 63 | 62 | 68 | 80 | 96 | 111 | 121 | 124 | 119 | 108 | 94 | 81 | 73 | 71 | 2314 | 96.4 | | 4:10 | 125 | 16:54 | 124 | * | * | * | * | 10:39 | 62 | 22:42 | 71 | * | * | * | * |
| 28 | 76 | 87 | 100 | 114 | 125 | 130 | 127 | 116 | 99 | 80 | 64 | 54 | 54 | 62 | 78 | 98 | 116 | 129 | 133 | 128 | 114 | 96 | 80 | 69 | 2329 | 97.0 | | 5:11 | 130 | 17:56 | 133 | * | * | * | * | 11:33 | 53 | 23:45 | 67 | * | * | * | * |
| 29 | 67 | 73 | 86 | 103 | 119 | 132 | 137 | 132 | 117 | 95 | 72 | 53 | 44 | 46 | 59 | 79 | 103 | 126 | 141 | 144 | 136 | 118 | 96 | 75 | 2353 | 98.0 | | 6: 1 | 137 | 18:49 | 145 | * | * | * | * | 12:19 | 43 | * | * | * | * | * | * |
| 30 | 63 | 61 | 70 | 87 | 108 | 128 | 142 | 145 | 136 | 115 | 88 | 61 | 40 | 33 | 39 | 57 | 84 | 113 | 138 | 154 | 156 | 143 | 119 | 91 | 2371 | 98.8 | | 6:47 | 146 | 19:38 | 157 | * | * | * | * | 0:38 | 60 | 13: 3 | 33 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 720 | 67555 | 93.8 | 4 日 22 時 3 分 | 171 | 1 | 4 日 15 時 27 分 | 4 | 1 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 7 月

| 日 | 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 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 68 | 55 | 56 | 70 | 92 | 117 | 139 | 153 | 153 | 138 | 111 | 78 | 48 | 28 | 24 | 35 | 60 | 91 | 124 | 152 | 166 | 165 | 146 | 117 | 2386 | 99.4 | | 7:31 | 154 | 20:24 | 168 | * | * | * | * | 1:25 | 54 | 13:46 | 23 | * | * | * | * |
| 2 | 84 | 59 | 48 | 53 | 72 | 99 | 127 | 150 | 162 | 158 | 137 | 105 | 68 | 36 | 18 | 18 | 35 | 65 | 101 | 137 | 164 | 177 | 170 | 146 | 2389 | 99.5 | | 8:15 | 162 | 21:10 | 177 | * | * | * | * | 2:10 | 48 | 14:30 | 16 | * | * | * | * |
| 3 | 111 | 75 | 51 | 43 | 53 | 77 | 107 | 137 | 160 | 168 | 159 | 134 | 97 | 58 | 27 | 12 | 17 | 39 | 72 | 111 | 148 | 174 | 182 | 170 | 2382 | 99.3 | N | 9: 0 | 168 | 21:55 | 182 | * | * | * | * | 2:55 | 43 | 15:15 | # 11 | * | * | * | * |
| 4 | 141 | 102 | 66 | 44 | 41 | 56 | 84 | 116 | 145 | 166 | 170 | 157 | 128 | 88 | 49 | 21 | 11 | 20 | 46 | 82 | 122 | 157 | 179 | 183 | 2374 | 98.9 | | 9:47 | 171 | 22:39 | 184 | * | * | * | * | 3:39 | 40 | 16: 1 | # 11 | * | * | * | * |
| 5 | 165 | 132 | 92 | 59 | 41 | 43 | 62 | 91 | 122 | 150 | 167 | 168 | 152 | 120 | 81 | 45 | 20 | 15 | 28 | 56 | 92 | 130 | 162 | 179 | 2372 | 98.8 | | 10:34 | 170 | 23:24 | 181 | * | * | * | * | 4:24 | 40 | 16:47 | 14 | * | * | * | * |
| 6 | 177 | 156 | 121 | 84 | 55 | 42 | 48 | 68 | 97 | 126 | 150 | 164 | 162 | 144 | 113 | 77 | 44 | 25 | 24 | 39 | 67 | 102 | 136 | 162 | 2383 | 99.3 | | 11:23 | 165 | * | * | * | * | * | * | 5:10 | 42 | 17:34 | 22 | * | * | * | * |
| 7 | 174 | 167 | 144 | 111 | 78 | 54 | 46 | 54 | 74 | 100 | 125 | 146 | 156 | 153 | 135 | 107 | 76 | 49 | 34 | 36 | 52 | 78 | 109 | 138 | 2396 | 99.8 | | 0: 9 | 174 | 12:16 | 157 | * | * | * | * | 5:58 | 46 | 18:23 | 33 | * | * | * | * |
| 8 | 158 | 165 | 156 | 133 | 103 | 75 | 56 | 52 | 60 | 77 | 99 | 121 | 139 | 147 | 144 | 129 | 105 | 79 | 57 | 47 | 50 | 64 | 87 | 113 | 2416 | 100.7 | | 0:55 | 165 | 13:14 | 147 | * | * | * | * | 6:50 | 51 | 19:16 | 46 | * | * | * | * |
| 9 | 136 | 151 | 154 | 145 | 125 | 99 | 75 | 60 | 56 | 63 | 78 | 96 | 115 | 130 | 138 | 137 | 126 | 107 | 85 | 67 | 59 | 61 | 73 | 92 | 2428 | 101.2 | U | 1:46 | 155 | 14:23 | 139 | * | * | * | * | 7:49 | 56 | 20:16 | 58 | * | * | * | * |
| 10 | 113 | 131 | 143 | 146 | 137 | 120 | 98 | 77 | 63 | 59 | 63 | 75 | 90 | 107 | 122 | 132 | 134 | 127 | 112 | 93 | 78 | 69 | 69 | 78 | 2436 | 101.5 | | 2:43 | 146 | 15:43 | 134 | * | * | * | * | 8:59 | 59 | 21:28 | 68 | * | * | * | * |
| 11 | 93 | 111 | 127 | 138 | 140 | 134 | 119 | 99 | 79 | 65 | 58 | 60 | 70 | 84 | 101 | 118 | 130 | 135 | 131 | 119 | 102 | 85 | 75 | 72 | 2445 | 101.9 | | 3:49 | 141 | 17: 5 | 135 | * | * | * | * | 10:15 | 58 | 22:45 | 72 | * | * | * | * |
| 12 | 79 | 92 | 108 | 124 | 136 | 140 | 134 | 120 | 100 | 79 | 63 | 54 | 55 | 65 | 80 | 99 | 118 | 133 | 141 | 138 | 126 | 108 | 89 | 75 | 2456 | 102.3 | | 4:58 | 140 | 18:16 | 141 | * | * | * | * | 11:24 | 54 | 23:56 | 71 | * | * | * | * |
| 13 | 71 | 76 | 90 | 107 | 125 | 138 | 143 | 137 | 121 | 99 | 76 | 58 | 48 | 50 | 61 | 79 | 101 | 123 | 140 | 149 | 146 | 131 | 109 | 87 | 2465 | 102.7 | | 5:59 | 143 | 19:15 | 149 | * | * | * | * | 12:22 | 48 | * | * | * | * | * | * |
| 14 | 71 | 67 | 74 | 90 | 110 | 129 | 143 | 147 | 140 | 121 | 96 | 70 | 51 | 42 | 46 | 60 | 82 | 107 | 132 | 150 | 158 | 151 | 132 | 106 | 2475 | 103.1 | | 6:52 | 148 | 20: 3 | 158 | * | * | * | * | 0:53 | 67 | 13:12 | 42 | * | * | * | * |
| 15 | 81 | 65 | 62 | 73 | 93 | 116 | 137 | 151 | 152 | 141 | 118 | 89 | 62 | 43 | 37 | 45 | 63 | 89 | 117 | 143 | 160 | 164 | 152 | 127 | 2480 | 103.3 | | 7:38 | 153 | 20:45 | 164 | * | * | * | * | 1:41 | 61 | 13:55 | 37 | * | * | * | * |
| 16 | 97 | 71 | 58 | 59 | 75 | 100 | 126 | 147 | 157 | 155 | 138 | 110 | 79 | 52 | 36 | 35 | 48 | 71 | 101 | 130 | 155 | 168 | 166 | 147 | 2481 | 103.4 | | 8:19 | 158 | 21:22 | 169 | * | * | * | * | 2:23 | 56 | 14:35 | 33 | * | * | * | * |
| 17 | 118 | 86 | 62 | 53 | 61 | 82 | 110 | 137 | 155 | 162 | 153 | 131 | 100 | 67 | 43 | 32 | 37 | 56 | 84 | 115 | 144 | 164 | 171 | 162 | 2485 | 103.5 | F | 8:56 | 162 | 21:56 | 171 | * | * | * | * | 3: 1 | 53 | 15:11 | 32 | * | * | * | * |
| 18 | 137 | 104 | 73 | 54 | 52 | 67 | 93 | 122 | 147 | 161 | 162 | 147 | 120 | 86 | 56 | 37 | 33 | 44 | 68 | 99 | 130 | 155 | 169 | 168 | 2484 | 103.5 | | 9:31 | 164 | 22:26 | 171 | * | * | * | * | 3:36 | 51 | 15:44 | 32 | * | * | * | * |
| 19 | 151 | 122 | 89 | 62 | 51 | 56 | 77 | 105 | 133 | 154 | 163 | 157 | 136 | 106 | 73 | 48 | 35 | 39 | 57 | 84 | 114 | 142 | 162 | 168 | 2484 | 103.5 | | 10: 5 | 163 | 22:55 | 168 | * | * | * | * | 4:10 | 50 | 16:16 | 34 | * | * | * | * |
| 20 | 159 | 136 | 106 | 76 | 56 | 52 | 65 | 89 | 117 | 142 | 157 | 159 | 147 | 122 | 92 | 63 | 44 | 39 | 50 | 72 | 100 | 128 | 150 | 162 | 2483 | 103.5 | | 10:39 | 160 | 23:23 | 163 | * | * | * | * | 4:43 | 52 | 16:47 | 39 | * | * | * | * |
| 21 | 161 | 145 | 120 | 91 | 67 | 55 | 59 | 75 | 100 | 125 | 145 | 155 | 151 | 134 | 109 | 80 | 57 | 46 | 48 | 64 | 88 | 114 | 137 | 153 | 2479 | 103.3 | | 11:14 | 155 | 23:51 | 157 | * | * | * | * | 5:16 | 55 | 17:19 | 45 | * | * | * | * |
| 22 | 157 | 149 | 130 | 105 | 81 | 64 | 59 | 67 | 85 | 107 | 129 | 144 | 148 | 140 | 122 | 98 | 74 | 57 | 53 | 61 | 78 | 101 | 123 | 141 | 2473 | 103.0 | | 11:51 | 148 | * | * | * | * | * | * | 5:51 | 59 | 17:51 | 52 | * | * | * | * |
| 23 | 150 | 148 | 136 | 117 | 95 | 76 | 65 | 65 | 75 | 92 | 111 | 128 | 139 | 140 | 130 | 112 | 92 | 73 | 62 | 63 | 73 | 90 | 110 | 127 | 2469 | 102.9 | | 0:21 | 150 | 12:34 | 141 | * | * | * | * | 6:30 | 63 | 18:28 | 61 | * | * | * | * |
| 24 | 139 | 143 | 138 | 125 | 108 | 90 | 75 | 68 | 70 | 80 | 95 | 111 | 125 | 132 | 132 | 123 | 108 | 91 | 77 | 70 | 73 | 83 | 98 | 114 | 2468 | 102.8 | | 0:56 | 143 | 13:26 | 133 | * | * | * | * | 7:16 | 68 | 19:13 | 70 | * | * | * | * |
| 25 | 127 | 135 | 136 | 131 | 119 | 104 | 89 | 76 | 71 | 73 | 81 | 93 | 107 | 120 | 127 | 128 | 121 | 109 | 95 | 84 | 79 | 81 | 89 | 100 | 2475 | 103.1 | L | 1:41 | 137 | 14:34 | 128 | * | * | * | * | 8:15 | 71 | 20:13 | 78 | * | * | * | * |
| 26 | 113 | 124 | 131 | 132 | 128 | 118 | 104 | 89 | 77 | 71 | 71 | 78 | 89 | 103 | 116 | 126 | 129 | 125 | 115 | 103 | 91 | 84 | 84 | 89 | 2490 | 103.8 | | 2:45 | 132 | 15:56 | 129 | * | * | * | * | 9:27 | 70 | 21:34 | 83 | * | * | * | * |
| 27 | 99 | 110 | 121 | 129 | 132 | 130 | 120 | 106 | 90 | 75 | 66 | 65 | 71 | 84 | 100 | 116 | 129 | 135 | 133 | 124 | 110 | 96 | 86 | 82 | 2509 | 104.5 | | 4: 4 | 132 | 17:18 | 135 | * | * | * | * | 10:40 | 65 | 23: 2 | 82 | * | * | * | * |
| 28 | 85 | 94 | 107 | 120 | 132 | 137 | 136 | 125 | 108 | 88 | 70 | 58 | 56 | 63 | 79 | 99 | 119 | 136 | 145 | 145 | 134 | 117 | 98 | 83 | 2534 | 105.6 | | 5:17 | 138 | 18:25 | 146 | * | * | * | * | 11:44 | 56 | * | * | * | * | * | * |
| 29 | 76 | 78 | 89 | 106 | 124 | 139 | 146 | 144 | 131 | 109 | 84 | 61 | 47 | 45 | 55 | 75 | 101 | 127 | 148 | 159 | 157 | 143 | 119 | 94 | 2557 | 106.5 | | 6:19 | 147 | 19:22 | 160 | * | * | * | * | 0:13 | 76 | 12:39 | 45 | * | * | * | * |
| 30 | 75 | 67 | 71 | 86 | 108 | 130 | 149 | 158 | 154 | 136 | 108 | 77 | 50 | 35 | 35 | 49 | 75 | 106 | 137 | 162 | 173 | 168 | 147 | 117 | 2573 | 107.2 | | 7:13 | 158 | 20:12 | 173 | * | * | * | * | 1: 9 | 66 | 13:30 | 33 | * | * | * | * |
| 31 | 86 | 64 | 56 | 65 | 85 | 112 | 140 | 161 | 169 | 162 | 139 | 104 | 68 | 38 | 23 | 27 | 46 | 78 | 115 | 150 | 176 | 185 | 175 | 147 | 2571 | 107.1 | | 8: 4 | 169 | 20:58 | #185 | * | * | * | * | 1:58 | 56 | 14:19 | 22 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 744 | 76298 | 102.6 | 31 日 20 時 58 分 | 185 | 1 | 4 日 16 時 1 分 | 11 | 2 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 8 月

| | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 日 | 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 | 75 | 52 | 48 | 61 | 88 | 120 | 150 | 172 | 179 | 167 | 138 | 98 | 57 | 27 | 15 | 23 | 49 | 86 | 127 | 164 | 188 | 193 | 175 | 2562 | 106.8 | N | 8:53 | 179 | 21:42 | 194 | * | * | * | * | 2:44 | 47 | 15: 5 | 15 | * | * | * | * |
| 2 | 140 | 98 | 62 | 42 | 42 | 62 | 93 | 128 | 160 | 180 | 184 | 167 | 133 | 89 | 47 | 19 | 12 | 26 | 56 | 97 | 140 | 175 | 195 | 193 | 2540 | 105.8 | | 9:41 | 185 | 22:24 | 197 | * | * | * | * | 3:28 | 39 | 15:50 | 12 | * | * | * | * |
| 3 | 168 | 128 | 85 | 51 | 36 | 42 | 66 | 100 | 136 | 166 | 184 | 183 | 162 | 124 | 80 | 41 | 18 | 16 | 35 | 69 | 110 | 151 | 182 | 195 | 2528 | 105.3 | | 10:28 | 186 | 23: 5 | 195 | * | * | * | * | 4:11 | 35 | 16:34 | 14 | * | * | * | * |
| 4 | 186 | 156 | 114 | 72 | 44 | 35 | 47 | 73 | 107 | 141 | 168 | 181 | 176 | 152 | 115 | 73 | 40 | 23 | 28 | 50 | 84 | 123 | 159 | 182 | 2529 | 105.4 | | 11:14 | 182 | 23:45 | 188 | * | * | * | * | 4:54 | 35 | 17:17 | 23 | * | * | * | * |
| 5 | 187 | 172 | 140 | 100 | 64 | 42 | 40 | 55 | 81 | 112 | 142 | 164 | 173 | 164 | 140 | 106 | 71 | 45 | 36 | 44 | 67 | 99 | 132 | 160 | 2536 | 105.7 | | 12: 1 | 173 | * | * | * | * | * | * | 5:37 | 39 | 18: 0 | 36 | * | * | * | * |
| 6 | 175 | 173 | 155 | 124 | 90 | 61 | 47 | 49 | 64 | 88 | 114 | 138 | 155 | 160 | 151 | 130 | 102 | 74 | 56 | 52 | 63 | 83 | 110 | 135 | 2549 | 106.2 | | 0:24 | 177 | 12:51 | 160 | * | * | * | * | 6:23 | 46 | 18:45 | 52 | * | * | * | * |
| 7 | 155 | 163 | 157 | 139 | 113 | 86 | 65 | 55 | 59 | 72 | 91 | 112 | 131 | 143 | 146 | 139 | 123 | 102 | 83 | 71 | 69 | 78 | 95 | 114 | 2561 | 106.7 | | 1: 6 | 163 | 13:49 | 147 | * | * | * | * | 7:13 | 55 | 19:37 | 69 | * | * | * | * |
| 8 | 133 | 146 | 150 | 144 | 129 | 108 | 87 | 71 | 64 | 67 | 76 | 90 | 106 | 121 | 131 | 136 | 133 | 123 | 108 | 94 | 85 | 83 | 88 | 99 | 2572 | 107.2 | U | 1:54 | 150 | 15: 7 | 136 | * | * | * | * | 8:14 | 64 | 20:45 | 83 | * | * | * | * |
| 9 | 113 | 126 | 136 | 139 | 135 | 124 | 109 | 92 | 78 | 71 | 70 | 76 | 86 | 99 | 112 | 124 | 131 | 133 | 128 | 117 | 105 | 95 | 90 | 91 | 2580 | 107.5 | | 2:58 | 139 | 16:46 | 133 | * | * | * | * | 9:35 | 70 | 22:20 | 89 | * | * | * | * |
| 10 | 97 | 108 | 119 | 129 | 134 | 133 | 126 | 113 | 97 | 83 | 73 | 69 | 72 | 80 | 92 | 107 | 122 | 133 | 139 | 136 | 126 | 112 | 98 | 89 | 2587 | 107.8 | | 4:25 | 135 | 18:12 | 139 | * | * | * | * | 11: 5 | 69 | 23:49 | 87 | * | * | * | * |
| 11 | 87 | 92 | 102 | 115 | 127 | 136 | 137 | 131 | 118 | 100 | 83 | 70 | 64 | 65 | 75 | 90 | 108 | 126 | 141 | 148 | 145 | 132 | 113 | 95 | 2600 | 108.3 | | 5:44 | 138 | 19:11 | 149 | * | * | * | * | 12:16 | 63 | * | * | * | * | * | * |
| 12 | 82 | 79 | 85 | 99 | 116 | 132 | 142 | 145 | 137 | 120 | 98 | 77 | 62 | 56 | 60 | 73 | 92 | 115 | 137 | 153 | 158 | 150 | 132 | 107 | 2607 | 108.6 | | 6:43 | 145 | 19:55 | 158 | * | * | * | * | 0:49 | 79 | 13: 7 | 56 | * | * | * | * |
| 13 | 85 | 72 | 71 | 82 | 102 | 123 | 141 | 152 | 152 | 139 | 117 | 91 | 68 | 52 | 49 | 57 | 76 | 101 | 127 | 150 | 164 | 165 | 150 | 124 | 2610 | 108.8 | | 7:29 | 153 | 20:32 | 166 | * | * | * | * | 1:33 | 70 | 13:47 | 48 | * | * | * | * |
| 14 | 95 | 72 | 62 | 67 | 85 | 109 | 134 | 153 | 161 | 156 | 137 | 110 | 80 | 56 | 43 | 45 | 60 | 85 | 114 | 142 | 164 | 172 | 165 | 142 | 2609 | 108.7 | | 8: 7 | 161 | 21: 4 | 172 | * | * | * | * | 2:10 | 61 | 14:22 | 42 | * | * | * | * |
| 15 | 111 | 80 | 59 | 55 | 68 | 92 | 121 | 147 | 164 | 167 | 154 | 129 | 97 | 66 | 44 | 38 | 47 | 69 | 99 | 130 | 157 | 173 | 174 | 158 | 2599 | 108.3 | F | 8:42 | 167 | 21:33 | 176 | * | * | * | * | 2:44 | 55 | 14:54 | 38 | * | * | * | * |
| 16 | 128 | 94 | 65 | 51 | 55 | 75 | 104 | 135 | 159 | 171 | 167 | 147 | 116 | 81 | 53 | 37 | 39 | 56 | 84 | 116 | 146 | 169 | 177 | 168 | 2593 | 108.0 | | 9:15 | 171 | 22: 0 | 177 | * | * | * | * | 3:16 | 50 | 15:24 | 36 | * | * | * | * |
| 17 | 144 | 110 | 76 | 53 | 48 | 61 | 87 | 119 | 148 | 167 | 172 | 160 | 134 | 99 | 66 | 43 | 36 | 47 | 70 | 101 | 133 | 160 | 174 | 173 | 2581 | 107.5 | | 9:47 | 173 | 22:25 | 176 | * | * | * | * | 3:47 | 47 | 15:53 | 36 | * | * | * | * |
| 18 | 155 | 125 | 90 | 62 | 48 | 51 | 71 | 101 | 132 | 157 | 170 | 167 | 148 | 118 | 83 | 55 | 40 | 43 | 60 | 88 | 119 | 148 | 167 | 172 | 2570 | 107.1 | | 10:19 | 171 | 22:50 | 172 | * | * | * | * | 4:17 | 47 | 16:21 | 39 | * | * | * | * |
| 19 | 161 | 137 | 105 | 74 | 54 | 49 | 61 | 84 | 114 | 142 | 161 | 167 | 157 | 133 | 101 | 71 | 50 | 44 | 55 | 78 | 106 | 135 | 157 | 167 | 2563 | 106.8 | | 10:52 | 167 | 23:14 | 167 | * | * | * | * | 4:46 | 48 | 16:50 | 44 | * | * | * | * |
| 20 | 163 | 145 | 118 | 88 | 64 | 52 | 56 | 72 | 97 | 124 | 147 | 160 | 159 | 143 | 118 | 89 | 64 | 52 | 55 | 71 | 95 | 121 | 144 | 158 | 2555 | 106.5 | | 11:25 | 161 | 23:39 | 161 | * | * | * | * | 5:17 | 52 | 17:19 | 51 | * | * | * | * |
| 21 | 160 | 149 | 128 | 102 | 78 | 61 | 57 | 65 | 84 | 107 | 129 | 147 | 153 | 147 | 130 | 106 | 82 | 65 | 60 | 68 | 86 | 109 | 130 | 146 | 2549 | 106.2 | | 12: 2 | 153 | * | * | * | * | * | * | 5:49 | 56 | 17:52 | 60 | * | * | * | * |
| 22 | 153 | 149 | 135 | 115 | 92 | 74 | 63 | 64 | 75 | 92 | 112 | 130 | 142 | 144 | 137 | 121 | 101 | 83 | 72 | 72 | 82 | 99 | 117 | 133 | 2557 | 106.5 | | 0: 8 | 153 | 12:45 | 145 | * | * | * | * | 6:26 | 62 | 18:30 | 70 | * | * | * | * |
| 23 | 143 | 145 | 138 | 124 | 107 | 89 | 75 | 68 | 71 | 80 | 95 | 111 | 126 | 135 | 136 | 130 | 117 | 102 | 89 | 82 | 83 | 92 | 105 | 118 | 2561 | 106.7 | L | 0:42 | 145 | 13:41 | 136 | * | * | * | * | 7:14 | 68 | 19:21 | 81 | * | * | * | * |
| 24 | 129 | 136 | 136 | 130 | 120 | 106 | 91 | 79 | 73 | 74 | 81 | 93 | 106 | 119 | 128 | 131 | 129 | 121 | 109 | 99 | 92 | 91 | 96 | 104 | 2573 | 107.2 | | 1:33 | 137 | 15: 4 | 131 | * | * | * | * | 8:22 | 73 | 20:39 | 90 | * | * | * | * |
| 25 | 114 | 123 | 129 | 131 | 129 | 122 | 110 | 96 | 83 | 75 | 72 | 76 | 86 | 99 | 113 | 125 | 133 | 135 | 130 | 120 | 109 | 98 | 92 | 92 | 2592 | 108.0 | | 3: 2 | 131 | 16:48 | 135 | * | * | * | * | 9:53 | 72 | 22:32 | 92 | * | * | * | * |
| 26 | 97 | 106 | 116 | 126 | 133 | 135 | 130 | 118 | 102 | 85 | 71 | 64 | 66 | 75 | 91 | 109 | 127 | 140 | 146 | 143 | 132 | 115 | 99 | 87 | 2613 | 108.9 | | 4:49 | 135 | 18:11 | 146 | * | * | * | * | 11:19 | 64 | * | * | * | * | * | * |
| 27 | 83 | 87 | 97 | 112 | 128 | 140 | 146 | 142 | 128 | 106 | 82 | 62 | 52 | 53 | 65 | 85 | 110 | 134 | 153 | 162 | 157 | 141 | 117 | 93 | 2635 | 109.8 | | 6: 6 | 146 | 19:10 | 162 | * | * | * | * | 0: 1 | 83 | 12:25 | 51 | * | * | * | * |
| 28 | 75 | 69 | 75 | 91 | 113 | 136 | 153 | 160 | 154 | 135 | 106 | 75 | 49 | 37 | 40 | 57 | 84 | 117 | 147 | 169 | 177 | 168 | 143 | 111 | 2641 | 110.0 | | 7: 5 | 160 | 19:58 | 177 | * | * | * | * | 0:59 | 69 | 13:18 | 36 | * | * | * | * |
| 29 | 80 | 59 | 55 | 66 | 90 | 119 | 147 | 168 | 175 | 165 | 138 | 101 | 63 | 35 | 23 | 31 | 55 | 90 | 128 | 163 | 186 | 190 | 173 | 139 | 2639 | 110.0 | | 7:56 | 175 | 20:41 | 191 | * | * | * | * | 1:46 | 54 | 14: 6 | 23 | * | * | * | * |
| 30 | 98 | 63 | 43 | 43 | 62 | 93 | 128 | 160 | 182 | 187 | 171 | 136 | 92 | 50 | 22 | 14 | 28 | 59 | 100 | 143 | 179 | 198 | 195 | 169 | 2615 | 109.0 | N | 8:44 | 188 | 21:22 | 200 | * | * | * | * | 2:29 | 41 | 14:50 | 14 | * | * | * | * |
| 31 | 127 | 81 | 46 | 30 | 37 | 63 | 99 | 139 | 173 | 193 | 193 | 170 | 129 | 81 | 39 | 14 | 13 | 34 | 71 | 115 | 159 | 191 | 204 | 191 | 2592 | 108.0 | | 9:29 | 196 | 22: 0 | #204 | * | * | * | * | 3:10 | 30 | 15:32 | # 10 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 744 | 79998 | 107.5 | 31 日 22 時 0 分 | 204 | 1 | 31 日 15 時 32 分 | 10 | 1 |

# 推算潮位（毎時・満干潮）

地点名 : 対馬　　緯度 : 34 °16 ′N　　経度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 9 月

| 日 | 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 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 満潮 時刻 | 満潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 | 干潮 時刻 | 干潮 潮位 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 157 | 109 | 64 | 32 | 24 | 39 | 69 | 109 | 149 | 181 | 197 | 190 | 162 | 117 | 70 | 32 | 14 | 21 | 48 | 87 | 131 | 171 | 196 | 199 | 2568 | 107.0 | | 10:13 | 197 | 22:38 | #201 | * | * | * | * | 3:51 | 24 | 16:13 | 14 | * | * | * | * |
| 2 | 178 | 138 | 91 | 50 | 27 | 26 | 46 | 80 | 118 | 156 | 183 | 192 | 180 | 148 | 105 | 63 | 33 | 24 | 37 | 67 | 105 | 145 | 176 | 192 | 2560 | 106.7 | | 10:57 | 192 | 23:13 | 192 | * | * | * | * | 4:31 | 24 | 16:53 | 24 | * | * | * | * |
| 3 | 185 | 159 | 119 | 76 | 44 | 29 | 36 | 58 | 91 | 126 | 157 | 176 | 179 | 164 | 133 | 96 | 62 | 42 | 41 | 58 | 86 | 120 | 151 | 173 | 2561 | 106.7 | | 11:39 | 180 | 23:48 | 179 | * | * | * | * | 5:10 | 29 | 17:32 | 39 | * | * | * | * |
| 4 | 178 | 166 | 138 | 103 | 69 | 46 | 40 | 50 | 72 | 100 | 128 | 151 | 164 | 162 | 147 | 121 | 92 | 68 | 57 | 62 | 78 | 103 | 128 | 150 | 2573 | 107.2 | | 12:24 | 165 | * | * | * | * | * | * | 5:51 | 39 | 18:13 | 57 | * | * | * | * |
| 5 | 162 | 160 | 146 | 121 | 93 | 69 | 55 | 54 | 65 | 83 | 104 | 125 | 140 | 148 | 145 | 133 | 115 | 95 | 80 | 75 | 80 | 94 | 111 | 129 | 2582 | 107.6 | | 0:23 | 163 | 13:15 | 148 | * | * | * | * | 6:34 | 53 | 18:58 | 75 | * | * | * | * |
| 6 | 142 | 147 | 143 | 130 | 112 | 92 | 76 | 68 | 68 | 76 | 88 | 103 | 117 | 127 | 133 | 133 | 127 | 116 | 104 | 94 | 91 | 93 | 101 | 112 | 2593 | 108.0 | U | 1: 3 | 147 | 14:29 | 134 | * | * | * | * | 7:27 | 67 | 20: 4 | 91 | * | * | * | * |
| 7 | 122 | 130 | 133 | 130 | 123 | 111 | 98 | 86 | 79 | 78 | 81 | 88 | 97 | 107 | 116 | 124 | 128 | 128 | 123 | 115 | 106 | 100 | 97 | 100 | 2600 | 108.3 | | 2: 3 | 133 | 16:29 | 129 | * | * | * | * | 8:50 | 77 | 22: 2 | 97 | * | * | * | * |
| 8 | 105 | 112 | 119 | 124 | 126 | 124 | 117 | 106 | 95 | 86 | 80 | 79 | 82 | 89 | 99 | 110 | 122 | 132 | 136 | 133 | 124 | 112 | 100 | 93 | 2605 | 108.5 | | 3:59 | 126 | 18: 5 | 136 | * | * | * | * | 10:49 | 79 | 23:46 | 91 | * | * | * | * |
| 9 | 91 | 95 | 104 | 114 | 124 | 130 | 131 | 125 | 114 | 99 | 86 | 76 | 71 | 74 | 82 | 96 | 112 | 129 | 141 | 146 | 141 | 127 | 109 | 92 | 2609 | 108.7 | | 5:38 | 131 | 18:59 | 146 | * | * | * | * | 12: 9 | 71 | * | * | * | * | * | * |
| 10 | 82 | 80 | 87 | 101 | 116 | 131 | 140 | 140 | 132 | 116 | 97 | 78 | 66 | 62 | 67 | 80 | 99 | 121 | 141 | 153 | 155 | 144 | 123 | 99 | 2610 | 108.8 | | 6:35 | 141 | 19:37 | 156 | * | * | * | * | 0:40 | 80 | 12:56 | 62 | * | * | * | * |
| 11 | 79 | 69 | 71 | 84 | 104 | 126 | 143 | 151 | 148 | 134 | 112 | 87 | 66 | 54 | 54 | 65 | 85 | 110 | 135 | 155 | 164 | 158 | 139 | 111 | 2604 | 108.5 | | 7:16 | 152 | 20: 8 | 164 | * | * | * | * | 1:18 | 68 | 13:31 | 52 | * | * | * | * |
| 12 | 83 | 63 | 58 | 67 | 88 | 114 | 139 | 156 | 161 | 152 | 130 | 102 | 73 | 52 | 45 | 51 | 70 | 96 | 125 | 151 | 167 | 169 | 154 | 127 | 2593 | 108.0 | | 7:51 | 161 | 20:37 | 170 | * | * | * | * | 1:51 | 57 | 14: 2 | 45 | * | * | * | * |
| 13 | 93 | 65 | 50 | 52 | 71 | 99 | 129 | 154 | 167 | 166 | 148 | 119 | 86 | 58 | 41 | 41 | 56 | 81 | 112 | 143 | 165 | 175 | 167 | 142 | 2580 | 107.5 | | 8:24 | 168 | 21: 3 | 175 | * | * | * | * | 2:21 | 49 | 14:32 | 39 | * | * | * | * |
| 14 | 108 | 73 | 49 | 43 | 54 | 80 | 113 | 144 | 166 | 174 | 164 | 138 | 104 | 69 | 44 | 36 | 44 | 67 | 98 | 131 | 159 | 175 | 174 | 155 | 2562 | 106.8 | F | 8:56 | 174 | 21:28 | 177 | * | * | * | * | 2:51 | 42 | 15: 0 | 36 | * | * | * | * |
| 15 | 123 | 86 | 55 | 39 | 42 | 63 | 95 | 129 | 158 | 175 | 174 | 155 | 123 | 86 | 54 | 37 | 38 | 55 | 84 | 118 | 149 | 170 | 176 | 165 | 2549 | 106.2 | | 9:27 | 176 | 21:51 | 176 | * | * | * | * | 3:20 | 38 | 15:27 | 35 | * | * | * | * |
| 16 | 137 | 101 | 66 | 42 | 37 | 50 | 77 | 111 | 144 | 168 | 176 | 166 | 140 | 104 | 69 | 44 | 37 | 47 | 72 | 104 | 136 | 162 | 174 | 169 | 2533 | 105.5 | | 9:58 | 176 | 22:15 | 174 | * | * | * | * | 3:48 | 36 | 15:54 | 37 | * | * | * | * |
| 17 | 148 | 116 | 80 | 51 | 37 | 42 | 62 | 92 | 126 | 155 | 171 | 171 | 153 | 123 | 87 | 58 | 42 | 44 | 63 | 91 | 122 | 150 | 167 | 169 | 2520 | 105.0 | | 10:29 | 174 | 22:38 | 170 | * | * | * | * | 4:16 | 37 | 16:22 | 41 | * | * | * | * |
| 18 | 155 | 128 | 95 | 64 | 44 | 40 | 52 | 77 | 107 | 137 | 159 | 168 | 160 | 137 | 106 | 75 | 54 | 48 | 58 | 81 | 109 | 136 | 156 | 164 | 2510 | 104.6 | | 11: 2 | 168 | 23: 3 | 164 | * | * | * | * | 4:44 | 40 | 16:51 | 47 | * | * | * | * |
| 19 | 157 | 137 | 109 | 80 | 56 | 45 | 49 | 66 | 91 | 118 | 142 | 158 | 159 | 146 | 123 | 95 | 71 | 58 | 59 | 74 | 97 | 122 | 143 | 155 | 2510 | 104.6 | | 11:36 | 160 | 23:29 | 156 | * | * | * | * | 5:14 | 45 | 17:23 | 56 | * | * | * | * |
| 20 | 154 | 142 | 121 | 95 | 72 | 56 | 52 | 60 | 78 | 100 | 123 | 141 | 150 | 147 | 133 | 112 | 90 | 74 | 68 | 74 | 89 | 109 | 128 | 141 | 2509 | 104.5 | | 12:15 | 150 | * | * | * | * | * | * | 5:49 | 52 | 18: 0 | 68 | * | * | * | * |
| 21 | 146 | 141 | 128 | 110 | 89 | 72 | 62 | 61 | 70 | 86 | 104 | 121 | 134 | 140 | 136 | 125 | 110 | 94 | 83 | 80 | 86 | 98 | 113 | 125 | 2514 | 104.8 | | 0: 1 | 146 | 13: 6 | 140 | * | * | * | * | 6:33 | 60 | 18:47 | 80 | * | * | * | * |
| 22 | 133 | 135 | 130 | 120 | 106 | 91 | 78 | 70 | 69 | 75 | 86 | 100 | 114 | 125 | 130 | 130 | 124 | 114 | 103 | 94 | 91 | 93 | 100 | 108 | 2519 | 105.0 | L | 0:45 | 135 | 14:27 | 131 | * | * | * | * | 7:38 | 69 | 20: 5 | 91 | * | * | * | * |
| 23 | 117 | 123 | 126 | 125 | 120 | 111 | 100 | 87 | 77 | 72 | 73 | 80 | 91 | 104 | 116 | 126 | 132 | 131 | 125 | 115 | 104 | 96 | 92 | 92 | 2535 | 105.6 | | 2:17 | 126 | 16:27 | 132 | * | * | * | * | 9:19 | 72 | 22:19 | 91 | * | * | * | * |
| 24 | 97 | 105 | 114 | 122 | 128 | 128 | 123 | 111 | 95 | 80 | 68 | 64 | 68 | 79 | 95 | 112 | 129 | 140 | 144 | 139 | 125 | 108 | 92 | 81 | 2547 | 106.1 | | 4:39 | 129 | 17:55 | 144 | * | * | * | * | 11: 1 | 64 | 23:52 | 78 | * | * | * | * |
| 25 | 78 | 83 | 95 | 110 | 126 | 138 | 143 | 137 | 122 | 99 | 76 | 58 | 50 | 53 | 68 | 90 | 115 | 139 | 155 | 160 | 151 | 131 | 104 | 80 | 2561 | 106.7 | | 6: 0 | 143 | 18:51 | 160 | * | * | * | * | 12:11 | 50 | * | * | * | * | * | * |
| 26 | 65 | 61 | 70 | 89 | 113 | 136 | 154 | 160 | 151 | 129 | 98 | 66 | 43 | 34 | 41 | 62 | 92 | 125 | 154 | 172 | 174 | 158 | 128 | 92 | 2567 | 107.0 | | 6:56 | 160 | 19:36 | 175 | * | * | * | * | 0:45 | 61 | 13: 3 | 34 | * | * | * | * |
| 27 | 62 | 45 | 45 | 62 | 89 | 121 | 151 | 171 | 176 | 161 | 130 | 90 | 52 | 27 | 21 | 35 | 63 | 101 | 140 | 171 | 187 | 182 | 156 | 116 | 2554 | 106.4 | | 7:45 | 176 | 20:16 | 188 | * | * | * | * | 1:28 | 43 | 13:48 | 21 | * | * | * | * |
| 28 | 74 | 41 | 27 | 35 | 59 | 95 | 133 | 167 | 187 | 186 | 164 | 125 | 78 | 38 | 15 | 15 | 36 | 73 | 116 | 157 | 187 | 196 | 182 | 146 | 2532 | 105.5 | | 8:30 | 189 | 20:55 | 197 | * | * | * | * | 2: 9 | 27 | 14:30 | 12 | * | * | * | * |
| 29 | 99 | 53 | 23 | 16 | 32 | 64 | 105 | 147 | 180 | 196 | 189 | 160 | 114 | 65 | 27 | 11 | 18 | 47 | 88 | 133 | 172 | 196 | 196 | 172 | 2503 | 104.3 | N | 9:13 | 197 | 21:31 | 199 | * | * | * | * | 2:48 | 16 | 15:10 | # 10 | * | * | * | * |
| 30 | 129 | 78 | 36 | 13 | 14 | 37 | 74 | 117 | 158 | 187 | 197 | 183 | 148 | 101 | 55 | 23 | 15 | 31 | 64 | 106 | 148 | 181 | 195 | 185 | 2475 | 103.1 | | 9:56 | 197 | 22: 7 | 195 | * | * | * | * | 3:26 | # 10 | 15:50 | 15 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 720 | 76638 | 106.4 | 1 日 22 時 38 分 | 201 | 1 | 30 日 3 時 26 分 | 10 | 2 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 10 月

| 日 | 毎時潮位 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 | 満潮 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 干潮 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 154 | 108 | 61 | 25 | 11 | 21 | 48 | 87 | 128 | 164 | 186 | 189 | 170 | 133 | 89 | 50 | 28 | 29 | 49 | 84 | 122 | 158 | 181 | 184 | 2459 | 102.5 | | 10:37 | #191 | 22:40 | 186 | * | * | * | * | 4: 5 | 11 | 16:28 | 26 | * | * | * | * |
| 2 | 167 | 132 | 89 | 49 | 24 | 20 | 35 | 64 | 99 | 135 | 163 | 177 | 173 | 152 | 118 | 81 | 52 | 41 | 48 | 71 | 102 | 134 | 159 | 171 | 2456 | 102.3 | | 11:18 | 178 | 23:13 | 172 | * | * | * | * | 4:42 | 19 | 17: 6 | 41 | * | * | * | * |
| 3 | 166 | 145 | 112 | 76 | 47 | 33 | 35 | 53 | 79 | 108 | 136 | 155 | 162 | 154 | 134 | 107 | 80 | 62 | 58 | 69 | 89 | 114 | 137 | 152 | 2463 | 102.6 | | 11:59 | 162 | 23:45 | 156 | * | * | * | * | 5:20 | 32 | 17:44 | 58 | * | * | * | * |
| 4 | 155 | 145 | 125 | 98 | 72 | 54 | 47 | 53 | 69 | 90 | 112 | 130 | 142 | 144 | 137 | 122 | 103 | 85 | 75 | 76 | 85 | 101 | 118 | 132 | 2470 | 102.9 | | 12:45 | 145 | * | * | * | * | * | * | 5:59 | 47 | 18:28 | 74 | * | * | * | * |
| 5 | 139 | 137 | 128 | 112 | 93 | 76 | 65 | 63 | 69 | 80 | 94 | 109 | 120 | 128 | 129 | 126 | 117 | 106 | 95 | 89 | 89 | 95 | 104 | 113 | 2476 | 103.2 | | 0:20 | 139 | 13:50 | 130 | * | * | * | * | 6:46 | 63 | 19:29 | 88 | * | * | * | * |
| 6 | 121 | 124 | 123 | 117 | 108 | 96 | 86 | 78 | 76 | 78 | 84 | 92 | 101 | 109 | 116 | 121 | 123 | 120 | 113 | 105 | 98 | 95 | 95 | 98 | 2477 | 103.2 | U | 1:13 | 124 | 15:51 | 123 | * | * | * | * | 7:59 | 76 | 21:31 | 94 | * | * | * | * |
| 7 | 103 | 109 | 113 | 116 | 116 | 112 | 104 | 96 | 87 | 82 | 79 | 81 | 85 | 92 | 102 | 112 | 121 | 127 | 127 | 122 | 112 | 100 | 91 | 86 | 2475 | 103.1 | | 3:24 | 116 | 17:33 | 128 | * | * | * | * | 10: 8 | 79 | 23:24 | 86 | * | * | * | * |
| 8 | 87 | 92 | 101 | 110 | 118 | 122 | 121 | 114 | 103 | 90 | 80 | 73 | 72 | 77 | 87 | 100 | 115 | 128 | 136 | 136 | 127 | 111 | 94 | 80 | 2474 | 103.1 | | 5:17 | 122 | 18:28 | 137 | * | * | * | * | 11:41 | 72 | * | * | * | * | * | * |
| 9 | 73 | 75 | 85 | 99 | 114 | 126 | 132 | 130 | 120 | 103 | 86 | 71 | 63 | 63 | 71 | 86 | 105 | 124 | 140 | 146 | 141 | 125 | 103 | 81 | 2462 | 102.6 | | 6:14 | 133 | 19: 5 | 146 | * | * | * | * | 0:17 | 73 | 12:29 | 62 | * | * | * | * |
| 10 | 65 | 60 | 67 | 84 | 105 | 125 | 139 | 143 | 137 | 120 | 97 | 75 | 59 | 52 | 57 | 72 | 93 | 117 | 138 | 152 | 153 | 140 | 116 | 88 | 2454 | 102.3 | | 6:54 | 144 | 19:35 | 154 | * | * | * | * | 0:53 | 60 | 13: 5 | 52 | * | * | * | * |
| 11 | 63 | 50 | 51 | 66 | 90 | 117 | 139 | 152 | 152 | 138 | 114 | 85 | 61 | 46 | 45 | 57 | 79 | 106 | 132 | 152 | 160 | 153 | 131 | 100 | 2439 | 101.6 | | 7:29 | 153 | 20: 3 | 160 | * | * | * | * | 1:25 | 49 | 13:35 | 44 | * | * | * | * |
| 12 | 68 | 46 | 39 | 49 | 72 | 102 | 132 | 153 | 162 | 154 | 132 | 101 | 70 | 47 | 38 | 44 | 64 | 92 | 122 | 148 | 163 | 163 | 145 | 115 | 2421 | 100.9 | | 8: 1 | 162 | 20:28 | 165 | * | * | * | * | 1:54 | 39 | 14: 4 | 38 | * | * | * | * |
| 13 | 79 | 49 | 33 | 35 | 54 | 84 | 118 | 148 | 165 | 166 | 150 | 120 | 85 | 54 | 36 | 36 | 51 | 78 | 110 | 140 | 162 | 168 | 157 | 130 | 2408 | 100.3 | | 8:33 | 168 | 20:52 | 168 | * | * | * | * | 2:23 | 31 | 14:32 | 34 | * | * | * | * |
| 14 | 93 | 58 | 33 | 26 | 38 | 65 | 100 | 135 | 161 | 172 | 164 | 139 | 104 | 68 | 41 | 32 | 41 | 64 | 96 | 129 | 156 | 169 | 165 | 143 | 2392 | 99.7 | F | 9: 5 | 172 | 21:17 | 170 | * | * | * | * | 2:51 | 26 | 15: 0 | 32 | * | * | * | * |
| 15 | 109 | 71 | 39 | 24 | 27 | 48 | 81 | 117 | 150 | 170 | 172 | 155 | 124 | 86 | 53 | 35 | 35 | 53 | 82 | 115 | 145 | 165 | 168 | 154 | 2378 | 99.1 | | 9:37 | 174 | 21:41 | 169 | * | * | * | * | 3:19 | 23 | 15:29 | 32 | * | * | * | * |
| 16 | 124 | 87 | 52 | 28 | 22 | 35 | 63 | 97 | 133 | 160 | 172 | 166 | 142 | 107 | 71 | 45 | 36 | 45 | 69 | 100 | 132 | 156 | 166 | 159 | 2367 | 98.6 | | 10: 9 | 173 | 22: 7 | 166 | * | * | * | * | 3:47 | 22 | 15:58 | 36 | * | * | * | * |
| 17 | 137 | 103 | 68 | 39 | 25 | 29 | 49 | 79 | 113 | 143 | 163 | 167 | 153 | 125 | 91 | 61 | 44 | 44 | 60 | 87 | 116 | 142 | 158 | 159 | 2355 | 98.1 | | 10:43 | 168 | 22:34 | 160 | * | * | * | * | 4:17 | 24 | 16:30 | 41 | * | * | * | * |
| 18 | 145 | 118 | 86 | 56 | 35 | 30 | 41 | 63 | 93 | 123 | 147 | 160 | 156 | 139 | 111 | 82 | 59 | 50 | 57 | 76 | 101 | 126 | 144 | 152 | 2350 | 97.9 | | 11:19 | 160 | 23: 4 | 152 | * | * | * | * | 4:49 | 30 | 17: 4 | 50 | * | * | * | * |
| 19 | 146 | 128 | 102 | 75 | 52 | 39 | 40 | 54 | 76 | 102 | 126 | 144 | 150 | 143 | 126 | 102 | 80 | 64 | 62 | 71 | 89 | 110 | 128 | 139 | 2348 | 97.8 | | 11:59 | 150 | 23:38 | 141 | * | * | * | * | 5:25 | 38 | 17:43 | 61 | * | * | * | * |
| 20 | 140 | 131 | 115 | 94 | 72 | 56 | 48 | 52 | 65 | 83 | 104 | 122 | 135 | 138 | 132 | 118 | 101 | 84 | 74 | 74 | 82 | 95 | 110 | 121 | 2346 | 97.8 | | 12:51 | 138 | * | * | * | * | * | * | 6:11 | 48 | 18:33 | 73 | * | * | * | * |
| 21 | 127 | 127 | 120 | 108 | 93 | 78 | 65 | 59 | 60 | 69 | 83 | 99 | 113 | 124 | 128 | 126 | 118 | 106 | 94 | 85 | 82 | 86 | 93 | 102 | 2345 | 97.7 | L | 0:26 | 128 | 14:11 | 128 | * | * | * | * | 7:17 | 58 | 19:55 | 82 | * | * | * | * |
| 22 | 110 | 115 | 118 | 116 | 111 | 101 | 88 | 75 | 66 | 63 | 67 | 76 | 89 | 103 | 116 | 125 | 128 | 125 | 116 | 104 | 92 | 83 | 80 | 82 | 2349 | 97.9 | | 2: 9 | 118 | 16: 3 | 128 | * | * | * | * | 8:58 | 63 | 22: 4 | 80 | * | * | * | * |
| 23 | 88 | 97 | 107 | 116 | 121 | 121 | 114 | 100 | 83 | 68 | 58 | 57 | 64 | 78 | 95 | 114 | 129 | 138 | 137 | 127 | 110 | 91 | 75 | 66 | 2354 | 98.1 | | 4:28 | 122 | 17:27 | 138 | * | * | * | * | 10:38 | 57 | 23:31 | 65 | * | * | * | * |
| 24 | 66 | 74 | 88 | 105 | 122 | 133 | 136 | 128 | 109 | 85 | 63 | 48 | 44 | 52 | 70 | 94 | 119 | 140 | 151 | 149 | 134 | 109 | 82 | 59 | 2360 | 98.3 | | 5:46 | 136 | 18:22 | 152 | * | * | * | * | 11:48 | 44 | * | * | * | * | * | * |
| 25 | 48 | 49 | 63 | 84 | 110 | 134 | 150 | 152 | 140 | 114 | 82 | 52 | 34 | 31 | 44 | 68 | 99 | 131 | 155 | 165 | 158 | 134 | 100 | 65 | 2362 | 98.4 | | 6:41 | 153 | 19: 7 | 165 | * | * | * | * | 0:23 | 47 | 12:40 | 30 | * | * | * | * |
| 26 | 39 | 29 | 36 | 57 | 87 | 120 | 149 | 166 | 166 | 146 | 112 | 73 | 40 | 21 | 23 | 42 | 74 | 111 | 146 | 170 | 175 | 160 | 127 | 85 | 2354 | 98.1 | | 7:29 | 168 | 19:47 | 176 | * | * | * | * | 1: 5 | 29 | 13:25 | 20 | * | * | * | * |
| 27 | 45 | 20 | 14 | 29 | 58 | 96 | 134 | 164 | 179 | 173 | 146 | 105 | 61 | 28 | 14 | 22 | 48 | 86 | 126 | 161 | 180 | 178 | 154 | 112 | 2333 | 97.2 | | 8:13 | 180 | 20:25 | 182 | * | * | * | * | 1:45 | 14 | 14: 8 | 13 | * | * | * | * |
| 28 | 65 | 26 | 5 | 7 | 30 | 66 | 107 | 147 | 176 | 186 | 173 | 139 | 94 | 50 | 20 | 13 | 28 | 61 | 101 | 142 | 172 | 184 | 173 | 140 | 2305 | 96.0 | N | 8:57 | 186 | 21: 2 | 184 | * | * | * | * | 2:24 | 3 | 14:48 | 13 | * | * | * | * |
| 29 | 94 | 47 | 13 | 0 | 10 | 38 | 77 | 120 | 157 | 181 | 184 | 165 | 127 | 82 | 42 | 20 | 21 | 42 | 77 | 117 | 153 | 176 | 178 | 159 | 2280 | 95.0 | | 9:39 | 186 | 21:37 | 180 | * | * | * | * | 3: 3 | # 0 | 15:28 | 17 | * | * | * | * |
| 30 | 121 | 75 | 34 | 8 | 3 | 20 | 51 | 91 | 130 | 162 | 178 | 175 | 151 | 113 | 72 | 40 | 26 | 35 | 60 | 94 | 130 | 158 | 171 | 164 | 2262 | 94.3 | | 10:20 | 179 | 22:11 | 171 | * | * | * | * | 3:41 | 2 | 16: 7 | 26 | * | * | * | * |
| 31 | 139 | 102 | 61 | 28 | 11 | 15 | 36 | 67 | 103 | 136 | 160 | 169 | 159 | 134 | 100 | 66 | 44 | 39 | 52 | 78 | 108 | 136 | 155 | 158 | 2256 | 94.0 | | 11: 0 | 169 | 22:44 | 159 | * | * | * | * | 4:19 | 11 | 16:45 | 38 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 744 | 74030 | 99.5 | 1 日 10 時 37 分 | 191 | 1 | 29 日 3 時 3 分 | 0 | 1 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 11 月

| 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 日 | 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 | 146 | 120 | 86 | 53 | 30 | 23 | 32 | 53 | 81 | 111 | 136 | 151 | 154 | 142 | 119 | 91 | 66 | 53 | 54 | 69 | 92 | 116 | 135 | 145 | 2258 | 94.1 | | 11:40 | 155 | 23:16 | 145 | * | * | * | * | 4:56 | 23 | 17:24 | 52 | * | * | * | * |
| 2 | 142 | 127 | 103 | 76 | 53 | 39 | 38 | 49 | 68 | 91 | 113 | 130 | 139 | 138 | 127 | 108 | 88 | 71 | 65 | 69 | 82 | 99 | 116 | 128 | 2259 | 94.1 | | 12:22 | 140 | 23:51 | 131 | * | * | * | * | 5:34 | 37 | 18: 6 | 65 | * | * | * | * |
| 3 | 131 | 125 | 112 | 93 | 74 | 59 | 51 | 53 | 63 | 79 | 95 | 110 | 121 | 126 | 124 | 116 | 104 | 90 | 79 | 75 | 79 | 88 | 99 | 110 | 2256 | 94.0 | | 13:15 | 126 | * | * | * | * | * | * | 6:17 | 51 | 19: 2 | 75 | * | * | * | * |
| 4 | 116 | 117 | 113 | 104 | 91 | 78 | 68 | 63 | 65 | 72 | 82 | 93 | 104 | 111 | 116 | 117 | 113 | 105 | 95 | 87 | 82 | 82 | 86 | 92 | 2252 | 93.8 | U | 0:41 | 118 | 14:40 | 117 | * | * | * | * | 7:14 | 63 | 20:33 | 81 | * | * | * | * |
| 5 | 99 | 105 | 108 | 107 | 103 | 95 | 86 | 77 | 72 | 70 | 73 | 79 | 87 | 96 | 105 | 112 | 116 | 116 | 110 | 101 | 90 | 81 | 77 | 77 | 2242 | 93.4 | | 2:20 | 108 | 16:25 | 116 | * | * | * | * | 8:48 | 70 | 22:26 | 76 | * | * | * | * |
| 6 | 82 | 90 | 98 | 105 | 109 | 108 | 103 | 93 | 83 | 74 | 69 | 68 | 73 | 81 | 92 | 103 | 114 | 121 | 122 | 115 | 102 | 87 | 74 | 66 | 2232 | 93.0 | | 4:21 | 110 | 17:35 | 122 | * | * | * | * | 10:35 | 68 | 23:34 | 65 | * | * | * | * |
| 7 | 65 | 72 | 84 | 97 | 110 | 117 | 117 | 110 | 98 | 83 | 70 | 62 | 61 | 66 | 77 | 92 | 108 | 122 | 129 | 127 | 116 | 98 | 77 | 61 | 2219 | 92.5 | | 5:33 | 118 | 18:19 | 130 | * | * | * | * | 11:42 | 60 | * | * | * | * | * | * |
| 8 | 53 | 55 | 66 | 84 | 103 | 119 | 127 | 126 | 115 | 97 | 77 | 61 | 53 | 53 | 63 | 79 | 99 | 118 | 132 | 137 | 129 | 111 | 87 | 62 | 2206 | 91.9 | | 6:21 | 128 | 18:53 | 137 | * | * | * | * | 0:18 | 52 | 12:26 | 52 | * | * | * | * |
| 9 | 45 | 40 | 48 | 67 | 91 | 115 | 132 | 138 | 132 | 114 | 91 | 67 | 50 | 44 | 49 | 65 | 87 | 111 | 131 | 142 | 141 | 125 | 99 | 70 | 2194 | 91.4 | | 7: 0 | 138 | 19:23 | 143 | * | * | * | * | 0:53 | 40 | 13: 2 | 44 | * | * | * | * |
| 10 | 45 | 31 | 33 | 48 | 74 | 103 | 129 | 144 | 146 | 133 | 108 | 79 | 54 | 39 | 39 | 51 | 73 | 100 | 126 | 144 | 149 | 139 | 114 | 82 | 2183 | 91.0 | | 7:36 | 147 | 19:50 | 149 | * | * | * | * | 1:24 | 30 | 13:34 | 37 | * | * | * | * |
| 11 | 50 | 28 | 21 | 31 | 55 | 87 | 119 | 144 | 155 | 149 | 128 | 97 | 65 | 42 | 32 | 39 | 59 | 87 | 117 | 141 | 153 | 150 | 130 | 98 | 2177 | 90.7 | | 8:10 | 155 | 20:17 | 154 | * | * | * | * | 1:54 | 21 | 14: 5 | 32 | * | * | * | * |
| 12 | 62 | 32 | 16 | 18 | 36 | 67 | 103 | 135 | 156 | 161 | 147 | 118 | 83 | 51 | 32 | 30 | 45 | 72 | 103 | 133 | 153 | 157 | 144 | 115 | 2169 | 90.4 | F | 8:44 | 161 | 20:45 | 158 | * | * | * | * | 2:23 | 14 | 14:35 | 29 | * | * | * | * |
| 13 | 78 | 42 | 17 | 10 | 21 | 47 | 82 | 119 | 149 | 164 | 160 | 139 | 104 | 68 | 40 | 28 | 35 | 57 | 88 | 120 | 146 | 158 | 154 | 131 | 2157 | 89.9 | | 9:19 | 165 | 21:14 | 159 | * | * | * | * | 2:53 | 10 | 15: 7 | 28 | * | * | * | * |
| 14 | 97 | 59 | 27 | 9 | 11 | 30 | 61 | 98 | 133 | 158 | 166 | 154 | 126 | 90 | 56 | 34 | 30 | 45 | 72 | 104 | 133 | 153 | 157 | 144 | 2147 | 89.5 | | 9:54 | 166 | 21:45 | 157 | * | * | * | * | 3:25 | 8 | 15:41 | 29 | * | * | * | * |
| 15 | 116 | 79 | 44 | 18 | 9 | 18 | 43 | 76 | 112 | 142 | 160 | 161 | 143 | 112 | 77 | 48 | 34 | 38 | 58 | 86 | 116 | 140 | 152 | 148 | 2130 | 88.8 | | 10:31 | 163 | 22:17 | 152 | * | * | * | * | 3:59 | 9 | 16:16 | 34 | * | * | * | * |
| 16 | 130 | 100 | 65 | 35 | 17 | 15 | 30 | 56 | 88 | 120 | 145 | 156 | 151 | 130 | 100 | 70 | 48 | 41 | 50 | 71 | 97 | 122 | 139 | 144 | 2120 | 88.3 | | 11:11 | 156 | 22:53 | 144 | * | * | * | * | 4:35 | 14 | 16:54 | 41 | * | * | * | * |
| 17 | 136 | 115 | 87 | 58 | 34 | 22 | 26 | 42 | 67 | 96 | 123 | 141 | 147 | 139 | 119 | 93 | 68 | 52 | 51 | 62 | 81 | 102 | 121 | 131 | 2113 | 88.0 | | 11:55 | 147 | 23:35 | 133 | * | * | * | * | 5:17 | 22 | 17:38 | 50 | * | * | * | * |
| 18 | 132 | 123 | 104 | 81 | 57 | 39 | 32 | 37 | 52 | 74 | 98 | 119 | 132 | 136 | 128 | 112 | 91 | 72 | 60 | 60 | 69 | 84 | 100 | 113 | 2105 | 87.7 | | 12:48 | 136 | * | * | * | * | * | * | 6: 6 | 32 | 18:32 | 59 | * | * | * | * |
| 19 | 120 | 121 | 114 | 100 | 82 | 63 | 48 | 42 | 45 | 57 | 74 | 94 | 111 | 123 | 127 | 123 | 111 | 94 | 78 | 67 | 65 | 70 | 79 | 91 | 2099 | 87.5 | | 0:33 | 121 | 13:59 | 127 | * | * | * | * | 7:10 | 42 | 19:49 | 65 | * | * | * | * |
| 20 | 102 | 109 | 113 | 111 | 103 | 89 | 73 | 58 | 49 | 49 | 56 | 70 | 86 | 103 | 117 | 124 | 123 | 115 | 100 | 84 | 70 | 63 | 63 | 69 | 2099 | 87.5 | L | 2:10 | 113 | 15:26 | 125 | * | * | * | * | 8:34 | 48 | 21:31 | 62 | * | * | * | * |
| 21 | 79 | 91 | 102 | 112 | 115 | 111 | 100 | 82 | 65 | 51 | 46 | 50 | 62 | 79 | 98 | 116 | 127 | 129 | 122 | 105 | 85 | 66 | 54 | 50 | 2097 | 87.4 | | 4: 2 | 115 | 16:45 | 130 | * | * | * | * | 10: 3 | 46 | 22:55 | 50 | * | * | * | * |
| 22 | 55 | 67 | 83 | 101 | 117 | 125 | 123 | 111 | 90 | 67 | 49 | 40 | 42 | 55 | 76 | 99 | 120 | 135 | 138 | 128 | 107 | 80 | 56 | 39 | 2103 | 87.6 | | 5:21 | 126 | 17:45 | 138 | * | * | * | * | 11:16 | 39 | 23:53 | 34 | * | * | * | * |
| 23 | 34 | 41 | 58 | 81 | 106 | 127 | 138 | 136 | 120 | 93 | 64 | 42 | 31 | 35 | 52 | 77 | 105 | 130 | 145 | 146 | 131 | 103 | 70 | 40 | 2105 | 87.7 | | 6:21 | 139 | 18:34 | 148 | * | * | * | * | 12:14 | 31 | * | * | * | * | * | * |
| 24 | 22 | 20 | 32 | 55 | 85 | 115 | 139 | 151 | 146 | 124 | 92 | 58 | 33 | 23 | 31 | 53 | 83 | 115 | 141 | 155 | 151 | 129 | 94 | 55 | 2102 | 87.6 | | 7:12 | 151 | 19:17 | 156 | * | * | * | * | 0:40 | 19 | 13: 3 | 23 | * | * | * | * |
| 25 | 24 | 8 | 10 | 28 | 58 | 93 | 127 | 152 | 161 | 151 | 123 | 86 | 49 | 25 | 19 | 32 | 60 | 94 | 127 | 152 | 161 | 150 | 121 | 81 | 2092 | 87.2 | | 7:59 | 161 | 19:58 | 161 | * | * | * | * | 1:23 | 7 | 13:48 | 19 | * | * | * | * |
| 26 | 40 | 10 | -1 | 7 | 31 | 66 | 104 | 138 | 161 | 166 | 150 | 117 | 77 | 41 | 20 | 20 | 39 | 70 | 106 | 138 | 159 | 161 | 143 | 108 | 2071 | 86.3 | | 8:44 | 166 | 20:37 | 162 | * | * | * | * | 2: 4 | -1 | 14:30 | 18 | * | * | * | * |
| 27 | 66 | 26 | 1 | -4 | 11 | 40 | 77 | 115 | 147 | 165 | 164 | 143 | 107 | 67 | 35 | 20 | 27 | 50 | 84 | 118 | 146 | 160 | 155 | 130 | 2050 | 85.4 | N | 9:27 | #167 | 21:14 | 160 | * | * | * | * | 2:45 | # -4 | 15:11 | 20 | * | * | * | * |
| 28 | 93 | 51 | 17 | -1 | 1 | 21 | 52 | 89 | 125 | 152 | 164 | 157 | 132 | 95 | 58 | 32 | 25 | 37 | 64 | 97 | 128 | 149 | 155 | 143 | 2036 | 84.8 | | 10: 8 | 164 | 21:50 | 155 | * | * | * | * | 3:24 | -2 | 15:51 | 25 | * | * | * | * |
| 29 | 115 | 78 | 41 | 14 | 4 | 12 | 35 | 66 | 101 | 131 | 152 | 157 | 144 | 117 | 83 | 52 | 34 | 34 | 51 | 78 | 107 | 132 | 145 | 144 | 2027 | 84.5 | | 10:47 | 157 | 22:24 | 147 | * | * | * | * | 4: 2 | 4 | 16:30 | 32 | * | * | * | * |
| 30 | 127 | 99 | 65 | 35 | 16 | 13 | 26 | 50 | 80 | 110 | 133 | 146 | 145 | 129 | 103 | 74 | 50 | 40 | 46 | 64 | 89 | 113 | 131 | 137 | 2021 | 84.2 | | 11:25 | 147 | 22:59 | 137 | * | * | * | * | 4:39 | 13 | 17: 8 | 40 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 720 | 64321 | 89.3 | 27 日 9 時 27 分 | 167 | 1 | 27 日 2 時 45 分 | -4 | 1 |

# 推算潮位（毎時・満干潮）

地 点 名 : 対馬　　緯 度 : 34 °16 ′N　　経 度 : 129 °19 ′E　　潮位表基準面の零点 : 平均海面下 88.0(cm)　　2019 年 12 月

| 毎時潮位 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 満潮 | | | | | | | | 干潮 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 日 | 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 | 130 | 111 | 85 | 57 | 34 | 23 | 27 | 42 | 65 | 90 | 114 | 130 | 136 | 131 | 115 | 92 | 69 | 53 | 49 | 57 | 74 | 95 | 113 | 124 | 2016 | 84.0 | | 12: 2 | 136 | 23:35 | 126 | * | * | * | * | 5:16 | 23 | 17:48 | 48 | * | * | * | * |
| 2 | 125 | 116 | 98 | 75 | 54 | 39 | 34 | 40 | 56 | 76 | 96 | 113 | 123 | 125 | 118 | 103 | 85 | 68 | 58 | 57 | 65 | 80 | 95 | 108 | 2007 | 83.6 | | 12:42 | 125 | * | * | * | * | * | * | 5:55 | 34 | 18:34 | 56 | * | * | * | * |
| 3 | 115 | 113 | 104 | 89 | 72 | 56 | 46 | 45 | 52 | 65 | 81 | 96 | 108 | 115 | 115 | 109 | 97 | 83 | 70 | 63 | 62 | 68 | 79 | 90 | 1993 | 83.0 | | 0:20 | 115 | 13:32 | 116 | * | * | * | * | 6:39 | 44 | 19:34 | 62 | * | * | * | * |
| 4 | 100 | 105 | 104 | 98 | 86 | 73 | 61 | 54 | 53 | 59 | 69 | 81 | 93 | 102 | 108 | 109 | 105 | 96 | 85 | 73 | 65 | 63 | 66 | 73 | 1981 | 82.5 | U | 1:23 | 105 | 14:42 | 109 | * | * | * | * | 7:35 | 53 | 20:58 | 63 | * | * | * | * |
| 5 | 82 | 91 | 98 | 100 | 97 | 89 | 78 | 67 | 60 | 58 | 61 | 68 | 78 | 88 | 98 | 105 | 108 | 105 | 98 | 86 | 74 | 63 | 58 | 58 | 1968 | 82.0 | | 2:53 | 100 | 16: 6 | 108 | * | * | * | * | 8:54 | 58 | 22:26 | 57 | * | * | * | * |
| 6 | 64 | 75 | 86 | 96 | 101 | 101 | 94 | 84 | 72 | 63 | 58 | 58 | 64 | 74 | 85 | 97 | 106 | 111 | 109 | 100 | 85 | 69 | 56 | 48 | 1956 | 81.5 | | 4:25 | 102 | 17:13 | 111 | * | * | * | * | 10:23 | 57 | 23:28 | 47 | * | * | * | * |
| 7 | 48 | 56 | 70 | 86 | 100 | 108 | 108 | 101 | 88 | 73 | 61 | 53 | 53 | 60 | 72 | 87 | 102 | 113 | 117 | 112 | 99 | 80 | 60 | 44 | 1951 | 81.3 | | 5:33 | 109 | 18: 0 | 117 | * | * | * | * | 11:32 | 52 | * | * | * | * | * | * |
| 8 | 37 | 40 | 52 | 71 | 91 | 108 | 117 | 117 | 106 | 89 | 70 | 54 | 46 | 48 | 58 | 74 | 93 | 110 | 121 | 123 | 113 | 94 | 69 | 46 | 1947 | 81.1 | | 6:25 | 118 | 18:38 | 124 | * | * | * | * | 0:13 | 36 | 12:21 | 46 | * | * | * | * |
| 9 | 30 | 26 | 34 | 53 | 77 | 102 | 120 | 128 | 124 | 108 | 85 | 62 | 45 | 39 | 45 | 60 | 81 | 104 | 122 | 130 | 127 | 110 | 84 | 55 | 1951 | 81.3 | | 7: 8 | 128 | 19:12 | 131 | * | * | * | * | 0:50 | 26 | 13: 2 | 39 | * | * | * | * |
| 10 | 30 | 17 | 19 | 34 | 59 | 88 | 115 | 133 | 138 | 128 | 105 | 77 | 52 | 36 | 34 | 45 | 66 | 92 | 117 | 133 | 137 | 126 | 102 | 69 | 1952 | 81.3 | | 7:48 | 138 | 19:46 | 138 | * | * | * | * | 1:25 | 16 | 13:39 | 33 | * | * | * | * |
| 11 | 38 | 15 | 8 | 16 | 38 | 69 | 102 | 130 | 145 | 144 | 127 | 98 | 66 | 40 | 28 | 32 | 50 | 77 | 106 | 130 | 143 | 140 | 121 | 89 | 1952 | 81.3 | | 8:27 | 147 | 20:20 | 144 | * | * | * | * | 1:59 | 8 | 14:15 | 28 | * | * | * | * |
| 12 | 53 | 22 | 4 | 3 | 18 | 47 | 82 | 116 | 143 | 154 | 146 | 122 | 88 | 54 | 31 | 24 | 35 | 59 | 89 | 119 | 140 | 148 | 137 | 111 | 1945 | 81.0 | F | 9: 6 | 154 | 20:56 | 148 | * | * | * | * | 2:34 | 1 | 14:52 | 24 | * | * | * | * |
| 13 | 75 | 38 | 9 | -3 | 3 | 25 | 58 | 95 | 130 | 152 | 157 | 143 | 113 | 76 | 44 | 25 | 25 | 42 | 70 | 102 | 129 | 146 | 147 | 130 | 1931 | 80.5 | | 9:45 | #158 | 21:33 | 149 | * | * | * | * | 3:11 | -3 | 15:30 | 23 | * | * | * | * |
| 14 | 100 | 62 | 26 | 2 | -4 | 8 | 35 | 70 | 108 | 139 | 156 | 155 | 135 | 102 | 65 | 36 | 24 | 30 | 51 | 81 | 111 | 135 | 146 | 141 | 1914 | 79.8 | | 10:26 | #158 | 22:13 | 146 | * | * | * | * | 3:50 | # -5 | 16:10 | 24 | * | * | * | * |
| 15 | 120 | 87 | 50 | 19 | 0 | 0 | 17 | 46 | 81 | 116 | 143 | 154 | 147 | 124 | 90 | 57 | 34 | 27 | 38 | 61 | 89 | 116 | 134 | 140 | 1890 | 78.8 | | 11: 8 | 154 | 22:56 | 141 | * | * | * | * | 4:31 | -2 | 16:51 | 27 | * | * | * | * |
| 16 | 132 | 109 | 77 | 44 | 17 | 4 | 8 | 28 | 57 | 90 | 120 | 141 | 147 | 137 | 113 | 82 | 53 | 35 | 34 | 46 | 68 | 93 | 114 | 128 | 1877 | 78.2 | | 11:52 | 147 | 23:43 | 132 | * | * | * | * | 5:15 | 4 | 17:37 | 32 | * | * | * | * |
| 17 | 131 | 121 | 100 | 71 | 43 | 21 | 12 | 19 | 38 | 65 | 94 | 119 | 135 | 138 | 126 | 104 | 76 | 53 | 40 | 40 | 52 | 71 | 91 | 108 | 1868 | 77.8 | | 12:41 | 138 | * | * | * | * | * | * | 6: 3 | 12 | 18:28 | 38 | * | * | * | * |
| 18 | 119 | 121 | 113 | 94 | 70 | 46 | 29 | 23 | 29 | 46 | 69 | 94 | 115 | 127 | 128 | 118 | 98 | 75 | 55 | 44 | 44 | 53 | 68 | 84 | 1862 | 77.6 | | 0:41 | 122 | 13:36 | 129 | * | * | * | * | 6:58 | 23 | 19:30 | 43 | * | * | * | * |
| 19 | 99 | 110 | 113 | 108 | 94 | 74 | 54 | 38 | 32 | 37 | 51 | 70 | 91 | 109 | 120 | 122 | 114 | 97 | 77 | 58 | 46 | 43 | 49 | 61 | 1867 | 77.8 | L | 1:54 | 113 | 14:41 | 122 | * | * | * | * | 8: 3 | 32 | 20:47 | 43 | * | * | * | * |
| 20 | 75 | 90 | 102 | 109 | 108 | 98 | 81 | 62 | 47 | 39 | 41 | 51 | 68 | 87 | 104 | 116 | 120 | 114 | 99 | 78 | 58 | 44 | 38 | 41 | 1870 | 77.9 | | 3:23 | 109 | 15:53 | 120 | * | * | * | * | 9:19 | 38 | 22: 9 | 38 | * | * | * | * |
| 21 | 51 | 66 | 83 | 99 | 110 | 112 | 106 | 90 | 70 | 52 | 41 | 40 | 49 | 64 | 84 | 102 | 116 | 122 | 117 | 101 | 79 | 55 | 37 | 29 | 1875 | 78.1 | | 4:49 | 113 | 17: 1 | 122 | * | * | * | * | 10:37 | 40 | 23:20 | 28 | * | * | * | * |
| 22 | 31 | 41 | 59 | 80 | 100 | 115 | 121 | 115 | 98 | 76 | 54 | 40 | 37 | 45 | 62 | 84 | 105 | 121 | 127 | 120 | 102 | 76 | 49 | 28 | 1886 | 78.6 | | 6: 1 | 121 | 18: 1 | 127 | * | * | * | * | 11:46 | 37 | * | * | * | * | * | * |
| 23 | 18 | 21 | 34 | 56 | 81 | 105 | 123 | 130 | 123 | 104 | 77 | 52 | 36 | 32 | 42 | 62 | 87 | 111 | 128 | 133 | 123 | 101 | 70 | 40 | 1889 | 78.7 | | 7: 1 | 130 | 18:52 | 133 | * | * | * | * | 0:17 | 18 | 12:44 | 32 | * | * | * | * |
| 24 | 17 | 8 | 14 | 31 | 57 | 87 | 114 | 133 | 139 | 129 | 105 | 74 | 46 | 30 | 28 | 42 | 66 | 94 | 119 | 135 | 137 | 123 | 96 | 61 | 1885 | 78.5 | | 7:53 | 139 | 19:38 | 138 | * | * | * | * | 1: 7 | 8 | 13:35 | 27 | * | * | * | * |
| 25 | 29 | 8 | 1 | 11 | 33 | 63 | 96 | 124 | 143 | 145 | 130 | 101 | 67 | 39 | 24 | 27 | 45 | 73 | 103 | 128 | 141 | 138 | 119 | 87 | 1875 | 78.1 | | 8:39 | 146 | 20:21 | 142 | * | * | * | * | 1:52 | 1 | 14:20 | 23 | * | * | * | * |
| 26 | 50 | 19 | 0 | -1 | 13 | 40 | 73 | 107 | 134 | 149 | 147 | 126 | 93 | 57 | 31 | 21 | 29 | 53 | 83 | 113 | 135 | 144 | 135 | 111 | 1862 | 77.6 | N | 9:21 | 151 | 21: 1 | 144 | * | * | * | * | 2:35 | -3 | 15: 1 | 21 | * | * | * | * |
| 27 | 75 | 39 | 10 | -3 | 1 | 21 | 51 | 85 | 118 | 142 | 151 | 142 | 116 | 80 | 47 | 25 | 22 | 36 | 63 | 95 | 122 | 140 | 142 | 127 | 1847 | 77.0 | | 10: 0 | 151 | 21:38 | 143 | * | * | * | * | 3:15 | -4 | 15:40 | 20 | * | * | * | * |
| 28 | 98 | 62 | 28 | 5 | -2 | 9 | 33 | 65 | 99 | 128 | 146 | 147 | 132 | 102 | 67 | 37 | 23 | 27 | 47 | 75 | 105 | 128 | 139 | 135 | 1835 | 76.5 | | 10:36 | 149 | 22:13 | 140 | * | * | * | * | 3:52 | -2 | 16:17 | 22 | * | * | * | * |
| 29 | 115 | 84 | 49 | 20 | 4 | 5 | 21 | 48 | 80 | 110 | 133 | 143 | 137 | 117 | 86 | 54 | 32 | 25 | 36 | 59 | 87 | 113 | 130 | 134 | 1822 | 75.9 | | 11: 9 | 143 | 22:47 | 134 | * | * | * | * | 4:27 | 2 | 16:52 | 25 | * | * | * | * |
| 30 | 123 | 100 | 69 | 39 | 17 | 9 | 16 | 37 | 64 | 93 | 118 | 133 | 135 | 123 | 100 | 72 | 46 | 32 | 32 | 47 | 70 | 95 | 115 | 126 | 1811 | 75.5 | | 11:39 | 136 | 23:21 | 127 | * | * | * | * | 5: 0 | 9 | 17:27 | 30 | * | * | * | * |
| 31 | 123 | 109 | 85 | 58 | 33 | 19 | 18 | 30 | 52 | 77 | 101 | 119 | 127 | 123 | 108 | 86 | 62 | 44 | 36 | 41 | 57 | 77 | 98 | 112 | 1795 | 74.8 | | 12:11 | 127 | 23:58 | 117 | * | * | * | * | 5:33 | 17 | 18: 5 | 36 | * | * | * | * |

| N | Sum | Mean | 推算月最高潮位 | | | 推算月最低潮位 | | |
|---|---|---|---|---|---|---|---|---|
| 総回数 | 推算月合計 | 推算月平均 | 起時 | 潮位 | 回数 | 起時 | 潮位 | 回数 |
| 744 | 59080 | 79.4 | 14 日 10 時 26 分 | 158 | 2 | 14 日 3 時 50 分 | -5 | 1 |