

# 推算潮位（毎時・満干潮）

地点名：鹿島

緯度：35 °56 N

経度：140 °42 E

潮位表基準面の零点：平均海面下 89.0(cm)

2020 年 1 月

| 日  | 毎時潮位 |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     | 満潮   |      |   |       |     |       |      |    | 干潮 |      |    |       |     |       |      |    |    |    |    |
|----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|------|------|---|-------|-----|-------|------|----|----|------|----|-------|-----|-------|------|----|----|----|----|
|    | 0    | 1  | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22 | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 34   | 27 | 29  | 41  | 58  | 79  | 98  | 112 | 119 | 119 | 113 | 104 | 94  | 87  | 85  | 90  | 98  | 107 | 114 | 116 | 111 | 99  | 83 | 66  | 2083 | 86.8 |   | 8:27  | 120 | 18:47 | 116  | *  | *  | *    | *  | 1:15  | 27  | 13:46 | 85   | *  | *  | *  | *  |
| 2  | 51   | 41 | 38  | 44  | 56  | 72  | 89  | 104 | 114 | 118 | 116 | 109 | 99  | 90  | 84  | 83  | 86  | 92  | 99  | 104 | 105 | 100 | 91 | 79  | 2064 | 86.0 |   | 9: 4  | 118 | 19:38 | 105  | *  | *  | *    | *  | 1:50  | 38  | 14:48 | 83   | *  | *  | *  | *  |
| 3  | 67   | 57 | 51  | 52  | 58  | 70  | 84  | 98  | 109 | 116 | 117 | 113 | 105 | 96  | 87  | 80  | 77  | 78  | 83  | 88  | 93  | 94  | 92 | 87  | 2052 | 85.5 | U | 9:41  | 117 | 20:55 | 94   | *  | *  | *    | *  | 2:25  | 51  | 16:10 | 77   | *  | *  | *  | *  |
| 4  | 80   | 72 | 66  | 64  | 66  | 72  | 82  | 93  | 104 | 113 | 117 | 117 | 111 | 103 | 92  | 81  | 73  | 68  | 67  | 71  | 77  | 83  | 87 | 89  | 2048 | 85.3 |   | 10:22 | 118 | 23:11 | 89   | *  | *  | *    | *  | 3: 7  | 64  | 17:36 | 67   | *  | *  | *  | *  |
| 5  | 88   | 85 | 81  | 78  | 76  | 78  | 83  | 90  | 100 | 109 | 116 | 119 | 117 | 110 | 100 | 87  | 73  | 62  | 55  | 54  | 58  | 66  | 76 | 85  | 2046 | 85.3 |   | 11: 7 | 119 | *     | *    | *  | *  | 4: 6 | 76 | 18:41 | 54  | *     | *    | *  | *  |    |    |
| 6  | 91   | 94 | 95  | 92  | 89  | 87  | 87  | 90  | 97  | 105 | 113 | 119 | 121 | 118 | 109 | 95  | 78  | 61  | 48  | 40  | 40  | 47  | 59 | 73  | 2048 | 85.3 |   | 1:33  | 95  | 11:54 | 121  | *  | *  | *    | *  | 5:28  | 87  | 19:31 | 39   | *  | *  | *  | *  |
| 7  | 87   | 98 | 104 | 105 | 103 | 98  | 94  | 93  | 96  | 101 | 109 | 118 | 123 | 124 | 119 | 106 | 88  | 67  | 47  | 31  | 25  | 27  | 39 | 56  | 2058 | 85.8 |   | 2:48  | 105 | 12:40 | 125  | *  | *  | *    | *  | 6:52  | 93  | 20:13 | 24   | *  | *  | *  | *  |
| 8  | 75   | 93 | 107 | 114 | 115 | 110 | 104 | 99  | 97  | 99  | 105 | 114 | 123 | 129 | 128 | 119 | 102 | 78  | 53  | 30  | 15  | 11  | 18 | 34  | 2072 | 86.3 |   | 3:36  | 115 | 13:24 | 129  | *  | *  | *    | *  | 7:59  | 97  | 20:53 | 11   | *  | *  | *  | *  |
| 9  | 57   | 81 | 102 | 116 | 123 | 121 | 114 | 106 | 100 | 98  | 101 | 109 | 120 | 130 | 134 | 131 | 117 | 94  | 66  | 38  | 14  | 1   | 0  | 13  | 2086 | 86.9 |   | 4:16  | 123 | 14: 6 | 134  | *  | *  | *    | *  | 8:53  | 98  | 21:32 | -1   | *  | *  | *  | *  |
| 10 | 35   | 62 | 89  | 111 | 124 | 128 | 124 | 115 | 105 | 99  | 98  | 104 | 114 | 127 | 136 | 139 | 132 | 113 | 85  | 53  | 23  | 1   | -9 | -5  | 2103 | 87.6 |   | 4:55  | 128 | 14:48 | 139  | *  | *  | *    | *  | 9:37  | 98  | 22:12 | -10  | *  | *  | *  | *  |
| 11 | 13   | 39 | 70  | 98  | 119 | 129 | 130 | 123 | 112 | 102 | 96  | 98  | 107 | 120 | 133 | 142 | 142 | 130 | 107 | 75  | 42  | 12  | -8 | -14 | 2117 | 88.2 | F | 5:32  | 131 | 15:30 | 143  | *  | *  | *    | *  | 10:17 | 96  | 22:53 | #-14 | *  | *  | *  | *  |
| 12 | -4   | 18 | 47  | 79  | 106 | 124 | 131 | 128 | 118 | 106 | 96  | 93  | 98  | 109 | 124 | 137 | 144 | 141 | 125 | 99  | 66  | 32  | 5  | -11 | 2111 | 88.0 |   | 6: 9  | 131 | 16:12 | #145 | *  | *  | *    | *  | 10:56 | 93  | 23:33 | -13  | *  | *  | *  | *  |
| 13 | -11  | 3  | 28  | 58  | 89  | 113 | 127 | 129 | 123 | 111 | 98  | 90  | 89  | 97  | 111 | 126 | 138 | 143 | 136 | 118 | 90  | 58  | 27 | 4   | 2095 | 87.3 |   | 6:45  | 129 | 16:56 | 143  | *  | *  | *    | *  | 11:35 | 89  | *     | *    | *  | *  | *  | *  |
| 14 | -6   | -2 | 15  | 42  | 71  | 98  | 118 | 127 | 125 | 115 | 102 | 90  | 84  | 86  | 95  | 109 | 124 | 134 | 136 | 128 | 108 | 82  | 53 | 27  | 2061 | 85.9 |   | 7:18  | 127 | 17:43 | 137  | *  | *  | *    | *  | 0:13  | -7  | 12:17 | 83   | *  | *  | *  | *  |
| 15 | 10   | 5  | 13  | 33  | 58  | 85  | 107 | 121 | 125 | 119 | 107 | 93  | 82  | 77  | 81  | 91  | 104 | 117 | 126 | 126 | 117 | 99  | 77 | 53  | 2026 | 84.4 |   | 7:50  | 125 | 18:33 | 127  | *  | *  | *    | *  | 0:52  | 5   | 13: 4 | 77   | *  | *  | *  | *  |
| 16 | 33   | 22 | 22  | 33  | 52  | 75  | 98  | 114 | 123 | 121 | 112 | 99  | 85  | 75  | 71  | 75  | 84  | 95  | 106 | 113 | 113 | 106 | 92 | 75  | 1994 | 83.1 |   | 8:20  | 123 | 19:31 | 114  | *  | *  | *    | *  | 1:30  | 20  | 13:59 | 71   | *  | *  | *  | *  |
| 17 | 58   | 44 | 39  | 42  | 54  | 71  | 91  | 108 | 120 | 122 | 117 | 106 | 92  | 78  | 68  | 64  | 66  | 73  | 83  | 92  | 99  | 100 | 96 | 88  | 1971 | 82.1 | L | 8:50  | 123 | 20:47 | 100  | *  | *  | *    | *  | 2: 8  | 39  | 15: 7 | 64   | *  | *  | *  | *  |
| 18 | 78   | 67 | 59  | 57  | 62  | 73  | 88  | 104 | 116 | 122 | 122 | 114 | 102 | 87  | 73  | 62  | 56  | 56  | 60  | 68  | 77  | 85  | 90 | 91  | 1969 | 82.0 |   | 9:23  | 123 | 22:54 | 91   | *  | *  | *    | *  | 2:47  | 57  | 16:33 | 55   | *  | *  | *  | *  |
| 19 | 89   | 85 | 79  | 76  | 75  | 80  | 89  | 101 | 112 | 120 | 124 | 121 | 112 | 99  | 84  | 68  | 55  | 46  | 43  | 46  | 53  | 63  | 74 | 84  | 1978 | 82.4 |   | 10: 3 | 124 | *     | *    | *  | *  | 3:33 | 75 | 18: 0 | 43  | *     | *    | *  | *  |    |    |
| 20 | 91   | 94 | 95  | 93  | 90  | 90  | 93  | 99  | 108 | 116 | 123 | 125 | 121 | 113 | 99  | 81  | 63  | 47  | 35  | 30  | 32  | 40  | 53 | 68  | 1999 | 83.3 |   | 1:35  | 95  | 10:55 | 125  | *  | *  | *    | *  | 4:39  | 90  | 19:13 | 30   | *  | *  | *  | *  |
| 21 | 83   | 95 | 102 | 105 | 104 | 101 | 99  | 100 | 104 | 111 | 118 | 124 | 126 | 123 | 114 | 99  | 79  | 57  | 37  | 24  | 18  | 21  | 32 | 48  | 2024 | 84.3 |   | 3: 7  | 105 | 11:59 | 126  | *  | *  | *    | *  | 6:16  | 99  | 20:10 | 18   | *  | *  | *  | *  |
| 22 | 68   | 87 | 102 | 112 | 114 | 111 | 106 | 102 | 101 | 104 | 110 | 119 | 126 | 129 | 126 | 115 | 97  | 74  | 49  | 27  | 13  | 8   | 14 | 29  | 2043 | 85.1 |   | 3:56  | 114 | 13: 5 | 129  | *  | *  | *    | *  | 7:47  | 101 | 20:57 | 8    | *  | *  | *  | *  |
| 23 | 50   | 73 | 95  | 111 | 119 | 119 | 114 | 106 | 100 | 98  | 102 | 110 | 120 | 129 | 133 | 129 | 115 | 93  | 66  | 39  | 17  | 4   | 2  | 12  | 2056 | 85.7 |   | 4:32  | 120 | 14: 2 | 133  | *  | *  | *    | *  | 8:51  | 98  | 21:38 | 1    | *  | *  | *  | *  |
| 24 | 31   | 57 | 83  | 105 | 119 | 124 | 120 | 112 | 102 | 95  | 94  | 100 | 111 | 123 | 133 | 136 | 129 | 112 | 86  | 57  | 29  | 8   | -2 | 1   | 2065 | 86.0 |   | 5: 3  | 124 | 14:50 | 136  | *  | *  | *    | *  | 9:38  | 93  | 22:16 | -2   | *  | *  | *  | *  |
| 25 | 16   | 40 | 67  | 94  | 113 | 124 | 124 | 116 | 105 | 94  | 88  | 90  | 99  | 113 | 127 | 137 | 137 | 126 | 105 | 77  | 46  | 20  | 2  | -2  | 2058 | 85.8 | N | 5:31  | 125 | 15:33 | 138  | *  | *  | *    | *  | 10:17 | 88  | 22:50 | -2   | *  | *  | *  | *  |
| 26 | 7    | 26 | 53  | 81  | 104 | 120 | 124 | 120 | 109 | 96  | 85  | 82  | 88  | 101 | 117 | 131 | 138 | 135 | 119 | 95  | 65  | 36  | 13 | 1   | 2046 | 85.3 |   | 5:58  | 124 | 16:12 | 139  | *  | *  | *    | *  | 10:52 | 82  | 23:23 | 0    | *  | *  | *  | *  |
| 27 | 3    | 18 | 41  | 68  | 94  | 113 | 123 | 122 | 112 | 99  | 86  | 78  | 78  | 88  | 104 | 120 | 133 | 136 | 128 | 109 | 83  | 54  | 29 | 11  | 2030 | 84.6 |   | 6:23  | 123 | 16:49 | 136  | *  | *  | *    | *  | 11:25 | 77  | 23:53 | 6    | *  | *  | *  | *  |
| 28 | 6    | 14 | 33  | 58  | 84  | 106 | 119 | 122 | 115 | 103 | 88  | 77  | 72  | 77  | 90  | 106 | 122 | 131 | 130 | 118 | 97  | 71  | 45 | 26  | 2010 | 83.8 |   | 6:47  | 122 | 17:26 | 132  | *  | *  | *    | *  | 11:59 | 72  | *     | *    | *  | *  | *  | *  |
| 29 | 15   | 17 | 30  | 51  | 76  | 98  | 114 | 121 | 118 | 107 | 93  | 79  | 70  | 69  | 77  | 91  | 107 | 119 | 125 | 120 | 105 | 85  | 62 | 41  | 1990 | 82.9 |   | 7: 9  | 121 | 18: 3 | 125  | *  | *  | *    | *  | 0:21  | 14  | 12:34 | 68   | *  | *  | *  | *  |
| 30 | 28   | 25 | 33  | 49  | 70  | 91  | 109 | 119 | 119 | 111 | 98  | 83  | 71  | 66  | 68  | 77  | 91  | 104 | 113 | 115 | 108 | 94  | 75 | 57  | 1974 | 82.3 |   | 7:32  | 120 | 18:42 | 116  | *  | *  | *    | *  | 0:47  | 25  | 13:13 | 65   | *  | *  | *  | *  |
| 31 | 43   | 37 | 39  | 51  | 68  | 87  | 104 | 115 | 119 | 114 | 103 | 89  | 76  | 66  | 63  | 67  | 76  | 88  | 98  | 105 | 104 | 97  | 85 | 71  | 1965 | 81.9 |   | 7:55  | 119 | 19:27 | 105  | *  | *  | *    | *  | 1:13  | 37  | 13:57 | 63   | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位     |     |    |
|----------|--------------|---------------|-------------|-----|----|-------------|-----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時          | 潮位  | 回数 |
| 744      | 63242        | 85.0          | 12日 16時 12分 | 145 | 1  | 11日 22時 53分 | -14 | 1  |

# 推算潮位（毎時・満干潮）

地点名：鹿島

緯度：35 °56 N

経度：140 °42 E

潮位表基準面の零点：平均海面下 89.0(cm)

2020 年 2 月

| 日  | 毎時潮位 |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |       |     |       |      | 干潮 |    |       |    |       |     |       |      |    |    |   |   |
|----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-----|-------|------|----|----|-------|----|-------|-----|-------|------|----|----|---|---|
|    | 0    | 1  | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 |   |   |
| 1  | 58   | 51 | 50  | 56  | 68  | 84  | 99  | 112 | 118 | 116 | 108 | 96  | 83  | 70  | 62  | 60  | 64  | 71  | 81  | 89  | 94  | 94  | 89  | 80  | 1953 | 81.4 |   | 8:19  | 118 | 20:25 | 95   | *  | *  | *     | *  | 1:37  | 49  | 14:53 | 60   | *  | *  | * | * |
| 2  | 72   | 65 | 62  | 65  | 73  | 84  | 96  | 108 | 115 | 117 | 112 | 103 | 91  | 78  | 67  | 59  | 56  | 58  | 64  | 72  | 79  | 85  | 86  | 85  | 1952 | 81.3 | U | 8:46  | 117 | 22: 2 | 86   | *  | *  | *     | *  | 2: 1  | 62  | 16: 5 | 56   | *  | *  | * | * |
| 3  | 82   | 78 | 76  | 76  | 80  | 86  | 95  | 104 | 111 | 115 | 114 | 109 | 99  | 87  | 75  | 63  | 53  | 48  | 48  | 53  | 61  | 69  | 77  | 83  | 1942 | 80.9 |   | 9:20  | 115 | *     | *    | *  | *  | 2:26  | 76 | 17:30 | 48  | *     | *    | *  | *  |   |   |
| 4  | 87   | 88 | 88  | 88  | 89  | 91  | 96  | 101 | 107 | 112 | 114 | 113 | 108 | 99  | 86  | 72  | 57  | 45  | 38  | 36  | 41  | 50  | 62  | 74  | 1942 | 80.9 |   | 10: 9 | 114 | *     | *    | *  | *  | 18:44 | 36 | *     | *   | *     | *    | *  | *  |   |   |
| 5  | 85   | 93 | 98  | 100 | 100 | 99  | 99  | 100 | 104 | 108 | 112 | 115 | 114 | 110 | 100 | 85  | 68  | 49  | 34  | 24  | 22  | 28  | 41  | 58  | 1946 | 81.1 |   | 3:17  | 100 | 11:24 | 115  | *  | *  | *     | *  | 5:34  | 98  | 19:44 | 22   | *  | *  | * | * |
| 6  | 75   | 91 | 102 | 109 | 110 | 108 | 104 | 101 | 101 | 103 | 108 | 113 | 118 | 119 | 114 | 103 | 84  | 62  | 39  | 20  | 10  | 9   | 18  | 36  | 1957 | 81.5 |   | 3:46  | 110 | 12:43 | 119  | *  | *  | *     | *  | 7:42  | 100 | 20:34 | 8    | *  | *  | * | * |
| 7  | 58   | 81 | 100 | 112 | 118 | 116 | 111 | 104 | 99  | 98  | 101 | 108 | 117 | 124 | 126 | 120 | 105 | 81  | 54  | 27  | 7   | -3  | -1  | 13  | 1976 | 82.3 |   | 4:15  | 118 | 13:47 | 126  | *  | *  | *     | *  | 8:47  | 97  | 21:19 | -4   | *  | *  | * | * |
| 8  | 36   | 63 | 89  | 109 | 121 | 123 | 118 | 108 | 99  | 93  | 93  | 99  | 110 | 122 | 131 | 133 | 124 | 104 | 76  | 45  | 16  | -5  | -12 | -6  | 1989 | 82.9 |   | 4:45  | 123 | 14:41 | 134  | *  | *  | *     | *  | 9:32  | 92  | 22: 2 | -12  | *  | *  | * | * |
| 9  | 14   | 42 | 72  | 99  | 118 | 126 | 123 | 114 | 101 | 90  | 85  | 88  | 98  | 113 | 128 | 138 | 138 | 126 | 102 | 70  | 36  | 7   | -11 | -15 | 2002 | 83.4 | F | 5:15  | 126 | 15:31 | 140  | *  | *  | *     | *  | 10:10 | 85  | 22:42 | #-15 | *  | *  | * | * |
| 10 | -2   | 22 | 53  | 84  | 109 | 124 | 126 | 119 | 105 | 90  | 79  | 76  | 83  | 98  | 116 | 133 | 142 | 139 | 123 | 96  | 62  | 29  | 3   | -11 | 1998 | 83.3 |   | 5:43  | 127 | 16:18 | #143 | *  | *  | *     | *  | 10:47 | 76  | 23:21 | -12  | *  | *  | * | * |
| 11 | -8   | 9  | 36  | 68  | 97  | 118 | 126 | 123 | 110 | 93  | 77  | 67  | 68  | 79  | 98  | 118 | 134 | 141 | 135 | 117 | 89  | 56  | 26  | 5   | 1982 | 82.6 |   | 6:10  | 126 | 17: 5 | 141  | *  | *  | *     | *  | 11:25 | 66  | 23:57 | -2   | *  | *  | * | * |
| 12 | -2   | 6  | 27  | 56  | 85  | 110 | 124 | 125 | 115 | 98  | 78  | 63  | 57  | 62  | 76  | 96  | 115 | 130 | 135 | 127 | 108 | 81  | 53  | 29  | 1954 | 81.4 |   | 6:35  | 126 | 17:53 | 135  | *  | *  | *     | *  | 12: 4 | 57  | *     | *    | *  | *  | * | * |
| 13 | 15   | 14 | 27  | 50  | 77  | 102 | 119 | 125 | 119 | 104 | 85  | 65  | 52  | 49  | 57  | 72  | 91  | 109 | 121 | 124 | 115 | 98  | 76  | 54  | 1920 | 80.0 |   | 6:59  | 125 | 18:43 | 124  | *  | *  | *     | *  | 0:31  | 13  | 12:47 | 49   | *  | *  | * | * |
| 14 | 37   | 31 | 36  | 52  | 73  | 96  | 115 | 125 | 123 | 112 | 93  | 73  | 55  | 45  | 44  | 53  | 67  | 84  | 99  | 109 | 110 | 103 | 90  | 74  | 1899 | 79.1 |   | 7:22  | 126 | 19:38 | 110  | *  | *  | *     | *  | 1: 3  | 31  | 13:34 | 43   | *  | *  | * | * |
| 15 | 60   | 51 | 50  | 59  | 75  | 94  | 111 | 123 | 125 | 118 | 104 | 84  | 65  | 50  | 41  | 41  | 49  | 61  | 74  | 87  | 94  | 96  | 93  | 85  | 1890 | 78.8 |   | 7:46  | 126 | 20:48 | 96   | *  | *  | *     | *  | 1:32  | 49  | 14:29 | 40   | *  | *  | * | * |
| 16 | 77   | 69 | 67  | 70  | 80  | 94  | 108 | 119 | 125 | 122 | 112 | 97  | 79  | 62  | 48  | 40  | 39  | 44  | 52  | 63  | 73  | 81  | 85  | 87  | 1893 | 78.9 | L | 8:12  | 125 | 23: 0 | 87   | *  | *  | *     | *  | 1:57  | 67  | 15:41 | 39   | *  | *  | * | * |
| 17 | 86   | 84 | 82  | 83  | 87  | 95  | 105 | 115 | 121 | 122 | 118 | 108 | 94  | 78  | 63  | 49  | 40  | 36  | 37  | 43  | 51  | 61  | 71  | 80  | 1909 | 79.5 |   | 8:44  | 123 | *     | *    | *  | *  | 2:14  | 82 | 17:16 | 36  | *     | *    | *  | *  |   |   |
| 18 | 87   | 91 | 93  | 94  | 95  | 98  | 103 | 109 | 114 | 118 | 118 | 114 | 106 | 95  | 81  | 65  | 51  | 39  | 31  | 29  | 33  | 42  | 53  | 67  | 1926 | 80.3 |   | 9:33  | 118 | *     | *    | *  | *  | 18:49 | 29 | *     | *   | *     | *    | *  | *  |   |   |
| 19 | 80   | 91 | 99  | 103 | 103 | 103 | 102 | 103 | 106 | 109 | 113 | 115 | 113 | 108 | 99  | 85  | 67  | 50  | 34  | 24  | 21  | 25  | 35  | 51  | 1939 | 80.8 |   | 3:44  | 103 | 11:10 | 115  | *  | *  | *     | *  | 5:53  | 102 | 19:58 | 21   | *  | *  | * | * |
| 20 | 69   | 86 | 100 | 108 | 110 | 108 | 103 | 99  | 98  | 99  | 104 | 109 | 114 | 116 | 113 | 103 | 87  | 67  | 46  | 28  | 16  | 14  | 20  | 35  | 1952 | 81.3 |   | 3:56  | 110 | 12:56 | 116  | *  | *  | *     | *  | 8: 1  | 98  | 20:47 | 13   | *  | *  | * | * |
| 21 | 54   | 76 | 95  | 109 | 115 | 113 | 106 | 98  | 91  | 89  | 92  | 99  | 109 | 117 | 121 | 118 | 106 | 86  | 62  | 38  | 19  | 9   | 10  | 21  | 1953 | 81.4 |   | 4:16  | 115 | 14: 4 | 121  | *  | *  | *     | *  | 8:57  | 89  | 21:28 | 8    | *  | *  | * | * |
| 22 | 40   | 63 | 87  | 106 | 116 | 117 | 111 | 100 | 89  | 81  | 81  | 87  | 99  | 112 | 123 | 127 | 121 | 104 | 81  | 54  | 29  | 12  | 5   | 11  | 1956 | 81.5 |   | 4:38  | 118 | 14:54 | 127  | *  | *  | *     | *  | 9:35  | 80  | 22: 2 | 5    | *  | *  | * | * |
| 23 | 27   | 51 | 76  | 99  | 115 | 120 | 115 | 103 | 89  | 77  | 71  | 75  | 86  | 102 | 118 | 129 | 130 | 119 | 98  | 72  | 44  | 21  | 7   | 7   | 1951 | 81.3 |   | 4:59  | 120 | 15:35 | 131  | *  | *  | *     | *  | 10: 7 | 71  | 22:34 | 5    | *  | *  | * | * |
| 24 | 18   | 40 | 66  | 91  | 111 | 120 | 118 | 108 | 92  | 76  | 65  | 64  | 73  | 89  | 108 | 124 | 132 | 128 | 113 | 89  | 61  | 35  | 16  | 8   | 1945 | 81.0 | N | 5:20  | 120 | 16:13 | 132  | *  | *  | *     | *  | 10:38 | 63  | 23: 2 | 8    | *  | *  | * | * |
| 25 | 15   | 32 | 57  | 83  | 105 | 118 | 120 | 112 | 96  | 78  | 63  | 56  | 60  | 74  | 94  | 114 | 128 | 131 | 123 | 103 | 78  | 51  | 29  | 16  | 1936 | 80.7 |   | 5:40  | 121 | 16:49 | 131  | *  | *  | *     | *  | 11: 8 | 56  | 23:29 | 14   | *  | *  | * | * |
| 26 | 16   | 29 | 50  | 75  | 99  | 115 | 121 | 115 | 101 | 82  | 64  | 52  | 51  | 61  | 78  | 99  | 117 | 127 | 126 | 113 | 92  | 67  | 44  | 28  | 1922 | 80.1 |   | 5:59  | 121 | 17:24 | 128  | *  | *  | *     | *  | 11:38 | 50  | 23:54 | 23   | *  | *  | * | * |
| 27 | 23   | 30 | 47  | 70  | 93  | 112 | 121 | 119 | 106 | 88  | 69  | 53  | 46  | 50  | 63  | 83  | 102 | 117 | 123 | 117 | 101 | 81  | 59  | 42  | 1915 | 79.8 |   | 6:18  | 121 | 18: 0 | 123  | *  | *  | *     | *  | 12: 9 | 46  | *     | *    | *  | *  | * | * |
| 28 | 33   | 36 | 48  | 68  | 89  | 108 | 119 | 120 | 111 | 95  | 75  | 57  | 45  | 43  | 51  | 67  | 85  | 102 | 113 | 114 | 106 | 91  | 72  | 56  | 1904 | 79.3 |   | 6:36  | 121 | 18:37 | 115  | *  | *  | *     | *  | 0:17  | 33  | 12:41 | 42   | *  | *  | * | * |
| 29 | 46   | 44 | 52  | 68  | 86  | 104 | 117 | 121 | 115 | 101 | 82  | 63  | 48  | 41  | 43  | 53  | 69  | 86  | 99  | 106 | 105 | 96  | 83  | 69  | 1897 | 79.0 |   | 6:55  | 121 | 19:19 | 107  | *  | *  | *     | *  | 0:39  | 44  | 13:17 | 41   | *  | *  | * | * |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位    |     |    |
|----------|--------------|---------------|-------------|-----|----|------------|-----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時         | 潮位  | 回数 |
| 696      | 56300        | 80.9          | 10日 16時 18分 | 143 | 1  | 9日 22時 42分 | -15 | 1  |

# 推算潮位（毎時・満干潮）

地点名：鹿島

緯度：35 °56 N

経度：140 °42 E

潮位表基準面の零点：平均海面下 89.0(cm)

2020 年 3 月

| 日  | 毎時潮位 |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | 満潮   |      |   |      |     |       |      |    | 干潮 |       |    |       |    |       |     |    |    |    |    |
|----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|------|------|---|------|-----|-------|------|----|----|-------|----|-------|----|-------|-----|----|----|----|----|
|    | 0    | 1  | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22 | 23 | 日合計  | 日平均  | 月 | 時刻   | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 59   | 55 | 59  | 70  | 85  | 101 | 113 | 119 | 117 | 106 | 90  | 72  | 56  | 44  | 40  | 44  | 55  | 68  | 82  | 93  | 97  | 95  | 88 | 80 | 1888 | 78.7 |   | 7:14 | 119 | 20:11 | 97   | *  | *  | *     | *  | 1: 0  | 55 | 13:59 | 40  | *  | *  | *  | *  |
| 2  | 72   | 67 | 68  | 75  | 86  | 98  | 109 | 116 | 117 | 110 | 98  | 82  | 65  | 52  | 43  | 40  | 44  | 53  | 64  | 75  | 84  | 88  | 88 | 86 | 1880 | 78.3 |   | 7:34 | 117 | 21:31 | 89   | *  | *  | *     | *  | 1:19  | 67 | 14:54 | 40  | *  | *  | *  | *  |
| 3  | 82   | 79 | 79  | 82  | 89  | 97  | 106 | 112 | 115 | 112 | 103 | 91  | 77  | 63  | 51  | 43  | 39  | 41  | 46  | 55  | 66  | 75  | 81 | 86 | 1870 | 77.9 | U | 7:57 | 115 | *     | *    | *  | *  | 1:33  | 79 | 16:13 | 39 | *     | *   | *  | *  |    |    |
| 4  | 88   | 89 | 89  | 91  | 94  | 98  | 103 | 108 | 111 | 111 | 107 | 100 | 90  | 78  | 65  | 52  | 41  | 35  | 33  | 37  | 45  | 55  | 67 | 78 | 1865 | 77.7 |   | 8:30 | 111 | *     | *    | *  | *  | 17:49 | 33 | *     | *  | *     | *   | *  | *  |    |    |
| 5  | 88   | 94 | 98  | 100 | 101 | 101 | 102 | 103 | 105 | 107 | 107 | 106 | 102 | 94  | 83  | 68  | 52  | 38  | 27  | 22  | 24  | 33  | 47 | 64 | 1866 | 77.8 |   | 9:51 | 107 | *     | *    | *  | *  | 19:10 | 22 | *     | *  | *     | *   | *  | *  |    |    |
| 6  | 80   | 94 | 104 | 108 | 109 | 106 | 102 | 99  | 98  | 100 | 103 | 107 | 109 | 108 | 102 | 89  | 71  | 50  | 31  | 16  | 10  | 13  | 25 | 44 | 1878 | 78.3 |   | 3:33 | 109 | 12:17 | 109  | *  | *  | *     | *  | 7:57  | 98 | 20:11 | 10  | *  | *  | *  | *  |
| 7  | 65   | 86 | 103 | 113 | 115 | 112 | 104 | 97  | 91  | 90  | 93  | 101 | 110 | 116 | 118 | 111 | 95  | 72  | 46  | 23  | 6   | 0   | 6  | 23 | 1896 | 79.0 |   | 3:51 | 115 | 13:42 | 118  | *  | *  | *     | *  | 8:46  | 90 | 21: 0 | 0   | *  | *  | *  | *  |
| 8  | 46   | 73 | 96  | 113 | 120 | 117 | 108 | 96  | 85  | 79  | 80  | 88  | 101 | 115 | 126 | 128 | 118 | 98  | 71  | 41  | 15  | -2  | -5 | 6  | 1913 | 79.7 |   | 4:14 | 120 | 14:42 | 128  | *  | *  | *     | *  | 9:22  | 79 | 21:43 | #-5 | *  | *  | *  | *  |
| 9  | 28   | 56 | 85  | 108 | 121 | 122 | 113 | 98  | 82  | 70  | 65  | 71  | 85  | 104 | 122 | 134 | 135 | 122 | 98  | 67  | 36  | 10  | -3 | -1 | 1928 | 80.3 |   | 4:37 | 123 | 15:34 | 136  | *  | *  | *     | *  | 9:57  | 65 | 22:23 | -4  | *  | *  | *  | *  |
| 10 | 15   | 41 | 71  | 99  | 118 | 125 | 119 | 103 | 83  | 64  | 53  | 53  | 64  | 84  | 107 | 127 | 138 | 137 | 121 | 95  | 63  | 33  | 11 | 3  | 1927 | 80.3 | F | 5: 0 | 125 | 16:23 | #139 | *  | *  | *     | *  | 10:32 | 51 | 22:59 | 3   | *  | *  | *  | *  |
| 11 | 11   | 32 | 60  | 90  | 113 | 125 | 123 | 110 | 88  | 65  | 46  | 38  | 43  | 59  | 83  | 108 | 128 | 138 | 133 | 116 | 89  | 60  | 34 | 19 | 1911 | 79.6 |   | 5:22 | 126 | 17:11 | 138  | *  | *  | *     | *  | 11: 8 | 38 | 23:33 | 16  | *  | *  | *  | *  |
| 12 | 18   | 31 | 55  | 82  | 107 | 124 | 127 | 117 | 97  | 71  | 47  | 31  | 27  | 37  | 57  | 82  | 107 | 125 | 131 | 125 | 107 | 83  | 59 | 40 | 1887 | 78.6 |   | 5:44 | 128 | 17:59 | 131  | *  | *  | *     | *  | 11:46 | 27 | *     | *   | *  | *  | *  | *  |
| 13 | 32   | 38 | 55  | 79  | 103 | 121 | 129 | 124 | 107 | 82  | 56  | 34  | 22  | 22  | 35  | 56  | 80  | 102 | 117 | 120 | 113 | 98  | 79 | 62 | 1866 | 77.8 |   | 6: 5 | 129 | 18:49 | 121  | *  | *  | *     | *  | 0: 4  | 32 | 12:26 | 20  | *  | *  | *  | *  |
| 14 | 51   | 51 | 61  | 79  | 100 | 118 | 129 | 128 | 116 | 95  | 69  | 45  | 26  | 19  | 23  | 36  | 56  | 77  | 94  | 105 | 108 | 102 | 91 | 79 | 1858 | 77.4 |   | 6:27 | 130 | 19:45 | 108  | *  | *  | *     | *  | 0:32  | 49 | 13: 9 | 18  | *  | *  | *  | *  |
| 15 | 69   | 65 | 70  | 82  | 98  | 114 | 126 | 129 | 122 | 106 | 84  | 61  | 40  | 26  | 21  | 26  | 38  | 54  | 71  | 84  | 93  | 95  | 93 | 88 | 1855 | 77.3 |   | 6:50 | 129 | 20:57 | 95   | *  | *  | *     | *  | 0:57  | 65 | 13:58 | 21  | *  | *  | *  | *  |
| 16 | 82   | 78 | 80  | 86  | 97  | 110 | 121 | 126 | 124 | 114 | 97  | 78  | 58  | 41  | 31  | 27  | 30  | 39  | 51  | 63  | 74  | 82  | 87 | 89 | 1865 | 77.7 | L | 7:14 | 126 | *     | *    | *  | *  | 1:16  | 78 | 15: 0 | 27 | *     | *   | *  | *  |    |    |
| 17 | 89   | 88 | 89  | 92  | 98  | 105 | 113 | 119 | 120 | 115 | 105 | 92  | 76  | 61  | 47  | 38  | 33  | 33  | 37  | 45  | 55  | 66  | 75 | 83 | 1874 | 78.1 |   | 7:42 | 120 | *     | *    | *  | *  | 16:29 | 32 | *     | *  | *     | *   | *  | *  |    |    |
| 18 | 90   | 94 | 96  | 97  | 99  | 102 | 105 | 109 | 111 | 111 | 107 | 101 | 91  | 80  | 67  | 55  | 44  | 36  | 32  | 34  | 40  | 49  | 61 | 74 | 1885 | 78.5 |   | 8:24 | 111 | *     | *    | *  | *  | 18:14 | 32 | *     | *  | *     | *   | *  | *  |    |    |
| 19 | 85   | 95 | 101 | 103 | 102 | 100 | 99  | 99  | 100 | 101 | 102 | 103 | 100 | 95  | 87  | 75  | 60  | 46  | 35  | 29  | 29  | 35  | 46 | 62 | 1889 | 78.7 |   | 3:10 | 103 | 10:34 | 103  | *  | *  | *     | *  | 6:42  | 98 | 19:31 | 28  | *  | *  | *  | *  |
| 20 | 78   | 92 | 103 | 107 | 107 | 102 | 95  | 90  | 88  | 89  | 93  | 98  | 103 | 105 | 102 | 93  | 79  | 62  | 45  | 31  | 24  | 25  | 34 | 49 | 1894 | 78.9 |   | 3:19 | 108 | 12:59 | 105  | *  | *  | *     | *  | 8:11  | 88 | 20:24 | 23  | *  | *  | *  | *  |
| 21 | 68   | 87 | 102 | 110 | 111 | 105 | 95  | 85  | 78  | 76  | 80  | 88  | 99  | 108 | 112 | 109 | 97  | 80  | 59  | 40  | 25  | 20  | 24 | 38 | 1896 | 79.0 |   | 3:36 | 112 | 14: 6 | 112  | *  | *  | *     | *  | 8:49  | 76 | 21: 3 | 20  | *  | *  | *  | *  |
| 22 | 57   | 79 | 98  | 111 | 115 | 110 | 98  | 84  | 72  | 65  | 66  | 75  | 89  | 104 | 115 | 118 | 112 | 97  | 76  | 53  | 33  | 21  | 20 | 29 | 1897 | 79.0 |   | 3:55 | 115 | 14:54 | 118  | *  | *  | *     | *  | 9:20  | 64 | 21:37 | 19  | *  | *  | *  | *  |
| 23 | 47   | 70 | 92  | 109 | 117 | 114 | 103 | 86  | 69  | 57  | 54  | 61  | 75  | 94  | 111 | 122 | 122 | 112 | 93  | 69  | 45  | 28  | 21 | 25 | 1896 | 79.0 |   | 4:14 | 118 | 15:34 | 123  | *  | *  | *     | *  | 9:49  | 54 | 22: 7 | 20  | *  | *  | *  | *  |
| 24 | 40   | 62 | 86  | 106 | 118 | 118 | 108 | 91  | 71  | 54  | 45  | 47  | 60  | 80  | 101 | 118 | 126 | 122 | 107 | 85  | 61  | 39  | 27 | 26 | 1898 | 79.1 | N | 4:32 | 120 | 16:10 | 126  | *  | *  | *     | *  | 10:18 | 44 | 22:34 | 25  | *  | *  | *  | *  |
| 25 | 37   | 56 | 80  | 102 | 117 | 121 | 113 | 97  | 75  | 54  | 39  | 36  | 45  | 64  | 87  | 108 | 123 | 126 | 117 | 99  | 76  | 54  | 37 | 31 | 1894 | 78.9 |   | 4:51 | 121 | 16:46 | 127  | *  | *  | *     | *  | 10:46 | 36 | 23: 0 | 31  | *  | *  | *  | *  |
| 26 | 37   | 53 | 75  | 97  | 115 | 123 | 118 | 103 | 81  | 58  | 39  | 29  | 33  | 48  | 70  | 94  | 114 | 124 | 122 | 110 | 90  | 69  | 50 | 40 | 1892 | 78.8 |   | 5: 8 | 123 | 17:22 | 125  | *  | *  | *     | *  | 11:14 | 29 | 23:24 | 39  | *  | *  | *  | *  |
| 27 | 41   | 53 | 72  | 94  | 112 | 123 | 122 | 109 | 89  | 64  | 42  | 27  | 25  | 34  | 53  | 77  | 100 | 116 | 121 | 115 | 100 | 82  | 64 | 52 | 1887 | 78.6 |   | 5:26 | 124 | 17:58 | 121  | *  | *  | *     | *  | 11:44 | 24 | 23:47 | 48  | *  | *  | *  | *  |
| 28 | 49   | 56 | 71  | 90  | 109 | 121 | 124 | 115 | 96  | 73  | 49  | 31  | 22  | 25  | 39  | 60  | 83  | 102 | 114 | 115 | 106 | 92  | 76 | 64 | 1882 | 78.4 |   | 5:44 | 124 | 18:36 | 116  | *  | *  | *     | *  | 12:14 | 21 | *     | *   | *  | *  | *  | *  |
| 29 | 58   | 61 | 72  | 88  | 105 | 118 | 123 | 118 | 104 | 82  | 59  | 38  | 24  | 21  | 29  | 45  | 66  | 86  | 101 | 108 | 107 | 98  | 86 | 75 | 1872 | 78.0 |   | 6: 2 | 123 | 19:18 | 109  | *  | *  | *     | *  | 0:10  | 58 | 12:46 | 21  | *  | *  | *  | *  |
| 30 | 68   | 68 | 75  | 88  | 102 | 114 | 121 | 120 | 109 | 91  | 70  | 48  | 32  | 23  | 24  | 34  | 50  | 68  | 84  | 96  | 101 | 99  | 93 | 85 | 1863 | 77.6 |   | 6:20 | 122 | 20:10 | 101  | *  | *  | *     | *  | 0:31  | 67 | 13:24 | 23  | *  | *  | *  | *  |
| 31 | 79   | 77 | 80  | 89  | 100 | 110 | 117 | 119 | 112 | 99  | 81  | 61  | 44  | 31  | 26  | 28  | 37  | 51  | 66  | 79  | 89  | 93  | 94 | 91 | 1853 | 77.2 |   | 6:40 | 119 | 21:30 | 94   | *  | *  | *     | *  | 0:52  | 77 | 14:12 | 26  | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位    |    |    |
|----------|--------------|---------------|-------------|-----|----|------------|----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時         | 潮位 | 回数 |
| 744      | 58425        | 78.5          | 10日 16時 23分 | 139 | 1  | 8日 21時 43分 | -5 | 1  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 鹿島

緯度: 35 °56 N

経度: 140 °42 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020 年 4 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮   |      |   |      |      |       |      |    | 干潮 |    |    |       |       |       |       |    |    |    |    |   |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|------|------|-------|------|----|----|----|----|-------|-------|-------|-------|----|----|----|----|---|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻   | 潮位   | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 | 時刻    | 潮位    | 時刻    | 潮位    | 時刻 | 潮位 | 時刻 | 潮位 |   |
| 1  | 88   | 86  | 87  | 92  | 99  | 106 | 112 | 115 | 112 | 104 | 91  | 75  | 59  | 45  | 35  | 30  | 30  | 37  | 47  | 59  | 71  | 81  | 88  | 92  | 1841 | 76.7 | U | 7: 1 | 115  | *     | *    | *  | *  | *  | *  | *     | 1: 9  | 86    | 15:21 | 29 | *  | *  | *  | * |
| 2  | 94   | 94  | 95  | 97  | 99  | 103 | 107 | 109 | 109 | 105 | 98  | 88  | 76  | 63  | 50  | 39  | 32  | 29  | 32  | 40  | 51  | 64  | 76  | 87  | 1837 | 76.5 |   | 7:28 | 109  | *     | *    | *  | *  | *  | *  | *     | 16:59 | 29    | *     | *  | *  | *  | *  | * |
| 3  | 95   | 100 | 102 | 103 | 102 | 101 | 101 | 101 | 102 | 102 | 101 | 98  | 92  | 83  | 71  | 57  | 43  | 31  | 25  | 24  | 31  | 43  | 59  | 76  | 1843 | 76.8 |   | 2:39 | 103  | 8:42  | 102  | *  | *  | *  | *  | *     | 6: 3  | 101   | 18:32 | 24 | *  | *  | *  | * |
| 4  | 91   | 102 | 108 | 109 | 106 | 101 | 96  | 92  | 91  | 92  | 96  | 100 | 102 | 101 | 94  | 81  | 63  | 45  | 29  | 19  | 17  | 25  | 40  | 60  | 1860 | 77.5 |   | 2:44 | 109  | 12:11 | 102  | *  | *  | *  | *  | *     | 7:55  | 91    | 19:39 | 17 | *  | *  | *  | * |
| 5  | 81   | 98  | 110 | 115 | 111 | 103 | 92  | 83  | 77  | 78  | 83  | 93  | 103 | 111 | 112 | 105 | 89  | 67  | 44  | 25  | 14  | 14  | 24  | 44  | 1876 | 78.2 |   | 3: 3 | 115  | 13:41 | 112  | *  | *  | *  | *  | *     | 8:29  | 77    | 20:31 | 12 | *  | *  | *  | * |
| 6  | 68   | 91  | 109 | 118 | 117 | 107 | 93  | 77  | 65  | 60  | 64  | 76  | 93  | 109 | 121 | 123 | 114 | 95  | 69  | 43  | 23  | 13  | 16  | 31  | 1895 | 79.0 |   | 3:24 | 119  | 14:43 | 123  | *  | *  | *  | *  | *     | 9: 2  | 60    | 21:16 | 13 | *  | *  | *  | * |
| 7  | 55   | 81  | 104 | 119 | 122 | 114 | 97  | 76  | 57  | 45  | 44  | 54  | 72  | 95  | 116 | 129 | 130 | 118 | 96  | 69  | 43  | 25  | 19  | 27  | 1907 | 79.5 |   | 3:46 | 123  | 15:36 | 131  | *  | *  | *  | *  | *     | 9:36  | 43    | 21:55 | 19 | *  | *  | *  | * |
| 8  | 46   | 72  | 98  | 118 | 126 | 121 | 104 | 81  | 55  | 35  | 26  | 30  | 47  | 71  | 98  | 121 | 133 | 132 | 119 | 95  | 69  | 45  | 32  | 31  | 1905 | 79.4 | F | 4: 8 | 126  | 16:26 | #135 | *  | *  | *  | *  | *     | 10:12 | 26    | 22:31 | 30 | *  | *  | *  | * |
| 9  | 44   | 66  | 92  | 115 | 128 | 128 | 114 | 90  | 62  | 35  | 17  | 12  | 22  | 44  | 72  | 100 | 122 | 133 | 129 | 115 | 93  | 69  | 51  | 43  | 1896 | 79.0 |   | 4:30 | 130  | 17:16 | 133  | *  | *  | *  | *  | *     | 10:49 | 12    | 23: 5 | 43 | *  | *  | *  | * |
| 10 | 49   | 65  | 88  | 111 | 128 | 133 | 124 | 103 | 74  | 44  | 18  | 4   | 5   | 20  | 45  | 73  | 100 | 120 | 127 | 122 | 108 | 89  | 71  | 59  | 1880 | 78.3 |   | 4:52 | 133  | 18: 5 | 127  | *  | *  | *  | *  | *     | 11:27 | 3     | 23:35 | 57 | *  | *  | *  | * |
| 11 | 58   | 69  | 87  | 108 | 126 | 135 | 132 | 115 | 89  | 59  | 30  | 9   | 0   | 5   | 23  | 48  | 74  | 98  | 113 | 118 | 113 | 102 | 87  | 75  | 1873 | 78.0 |   | 5:16 | #135 | 18:57 | 118  | *  | *  | *  | *  | *     | 12: 6 | #0    | *     | *  | *  | *  | *  | * |
| 12 | 70   | 74  | 87  | 104 | 121 | 133 | 135 | 124 | 104 | 76  | 48  | 23  | 7   | 3   | 11  | 29  | 51  | 74  | 93  | 105 | 108 | 105 | 97  | 87  | 1869 | 77.9 |   | 5:40 | #135 | 19:55 | 108  | *  | *  | *  | *  | *     | 0: 4  | 70    | 12:48 | 3  | *  | *  | *  | * |
| 13 | 81   | 81  | 88  | 101 | 115 | 127 | 132 | 128 | 114 | 92  | 67  | 42  | 23  | 12  | 11  | 20  | 35  | 54  | 72  | 87  | 96  | 99  | 98  | 94  | 1869 | 77.9 |   | 6: 5 | 132  | 21:10 | 99   | *  | *  | *  | *  | *     | 0:30  | 80    | 13:34 | 10 | *  | *  | *  | * |
| 14 | 90   | 88  | 91  | 98  | 108 | 118 | 125 | 125 | 118 | 103 | 84  | 63  | 44  | 29  | 22  | 22  | 28  | 40  | 54  | 69  | 81  | 89  | 94  | 95  | 1878 | 78.3 |   | 6:33 | 126  | 23:13 | 96   | *  | *  | *  | *  | *     | 0:56  | 88    | 14:29 | 21 | *  | *  | *  | * |
| 15 | 95   | 94  | 94  | 97  | 102 | 108 | 114 | 117 | 114 | 107 | 95  | 80  | 64  | 50  | 39  | 32  | 31  | 35  | 43  | 53  | 65  | 76  | 86  | 93  | 1884 | 78.5 | L | 7: 4 | 117  | *     | *    | *  | *  | *  | *  | 1:24  | 94    | 15:44 | 31    | *  | *  | *  | *  |   |
| 16 | 97   | 99  | 99  | 98  | 98  | 100 | 102 | 104 | 105 | 103 | 98  | 91  | 81  | 70  | 58  | 48  | 40  | 37  | 37  | 43  | 52  | 63  | 76  | 87  | 1886 | 78.6 |   | 7:49 | 105  | *     | *    | *  | *  | *  | *  | 17:20 | 36    | *     | *     | *  | *  | *  | *  |   |
| 17 | 96   | 101 | 103 | 101 | 98  | 94  | 92  | 91  | 92  | 94  | 95  | 94  | 92  | 86  | 78  | 67  | 55  | 45  | 39  | 38  | 42  | 52  | 65  | 79  | 1889 | 78.7 |   | 1:56 | 103  | 10:18 | 95   | *  | *  | *  | *  | *     | 6:47  | 91    | 18:42 | 37 | *  | *  | *  | * |
| 18 | 93   | 102 | 107 | 106 | 100 | 92  | 85  | 79  | 78  | 81  | 85  | 91  | 96  | 97  | 93  | 85  | 72  | 58  | 46  | 38  | 37  | 43  | 55  | 71  | 1890 | 78.8 |   | 2:19 | 107  | 12:48 | 97   | *  | *  | *  | *  | *     | 7:50  | 78    | 19:40 | 37 | *  | *  | *  | * |
| 19 | 87   | 101 | 110 | 111 | 105 | 94  | 82  | 71  | 65  | 66  | 72  | 82  | 93  | 101 | 104 | 100 | 90  | 74  | 58  | 44  | 37  | 38  | 47  | 62  | 1894 | 78.9 |   | 2:40 | 111  | 13:57 | 104  | *  | *  | *  | *  | *     | 8:25  | 65    | 20:24 | 36 | *  | *  | *  | * |
| 20 | 81   | 98  | 111 | 115 | 111 | 99  | 83  | 67  | 56  | 52  | 57  | 68  | 84  | 99  | 109 | 111 | 105 | 91  | 73  | 56  | 43  | 38  | 43  | 56  | 1906 | 79.4 |   | 3: 1 | 115  | 14:46 | 111  | *  | *  | *  | *  | *     | 8:56  | 52    | 21: 0 | 38 | *  | *  | *  | * |
| 21 | 74   | 94  | 110 | 118 | 116 | 105 | 87  | 67  | 50  | 41  | 42  | 52  | 70  | 90  | 107 | 116 | 116 | 106 | 89  | 70  | 53  | 43  | 42  | 52  | 1910 | 79.6 |   | 3:21 | 119  | 15:28 | 117  | *  | *  | *  | *  | *     | 9:25  | 40    | 21:32 | 41 | *  | *  | *  | * |
| 22 | 69   | 89  | 107 | 119 | 121 | 112 | 94  | 71  | 49  | 34  | 29  | 36  | 53  | 76  | 98  | 114 | 121 | 117 | 103 | 85  | 66  | 52  | 46  | 51  | 1912 | 79.7 |   | 3:40 | 122  | 16: 6 | 121  | *  | *  | *  | *  | *     | 9:53  | 29    | 22: 1 | 46 | *  | *  | *  | * |
| 23 | 65   | 84  | 104 | 119 | 124 | 118 | 102 | 78  | 53  | 32  | 21  | 23  | 37  | 59  | 84  | 106 | 120 | 123 | 114 | 99  | 80  | 64  | 54  | 54  | 1917 | 79.9 | N | 3:59 | 124  | 16:43 | 123  | *  | *  | *  | *  | *     | 10:22 | 20    | 22:29 | 53 | *  | *  | *  | * |
| 24 | 64   | 81  | 101 | 117 | 126 | 124 | 109 | 87  | 60  | 35  | 18  | 13  | 22  | 41  | 67  | 93  | 113 | 122 | 121 | 109 | 93  | 76  | 64  | 60  | 1916 | 79.8 |   | 4:18 | 127  | 17:20 | 123  | *  | *  | *  | *  | *     | 10:51 | 13    | 22:55 | 60 | *  | *  | *  | * |
| 25 | 66   | 79  | 97  | 114 | 126 | 127 | 117 | 96  | 69  | 42  | 20  | 9   | 11  | 26  | 49  | 76  | 100 | 116 | 121 | 116 | 103 | 88  | 75  | 67  | 1910 | 79.6 |   | 4:38 | 128  | 17:58 | 121  | *  | *  | *  | *  | *     | 11:20 | 8     | 23:20 | 67 | *  | *  | *  | * |
| 26 | 69   | 79  | 94  | 111 | 124 | 128 | 122 | 105 | 81  | 53  | 28  | 12  | 7   | 15  | 34  | 58  | 83  | 103 | 115 | 116 | 109 | 98  | 85  | 76  | 1905 | 79.4 |   | 4:58 | 128  | 18:38 | 117  | *  | *  | *  | *  | *     | 11:51 | 7     | 23:45 | 74 | *  | *  | *  | * |
| 27 | 74   | 80  | 92  | 107 | 120 | 127 | 125 | 113 | 92  | 66  | 40  | 20  | 9   | 10  | 22  | 42  | 65  | 87  | 103 | 111 | 111 | 104 | 94  | 85  | 1899 | 79.1 |   | 5:19 | 128  | 19:24 | 112  | *  | *  | *  | *  | *     | 12:25 | 8     | *     | *  | *  | *  | *  | * |
| 28 | 81   | 83  | 91  | 103 | 115 | 123 | 125 | 117 | 101 | 79  | 55  | 33  | 17  | 11  | 15  | 29  | 48  | 69  | 87  | 100 | 106 | 105 | 100 | 93  | 1886 | 78.6 |   | 5:41 | 125  | 20:20 | 106  | *  | *  | *  | *  | *     | 0:11  | 81    | 13: 4 | 11 | *  | *  | *  | * |
| 29 | 89   | 88  | 92  | 100 | 110 | 118 | 122 | 119 | 108 | 91  | 70  | 49  | 31  | 20  | 16  | 22  | 34  | 50  | 68  | 84  | 95  | 101 | 102 | 99  | 1878 | 78.3 |   | 6: 5 | 122  | 21:40 | 102  | *  | *  | *  | *  | *     | 0:39  | 88    | 13:52 | 16 | *  | *  | *  | * |
| 30 | 96   | 94  | 95  | 99  | 105 | 111 | 115 | 115 | 110 | 100 | 84  | 67  | 50  | 35  | 26  | 23  | 26  | 36  | 50  | 65  | 80  | 91  | 98  | 102 | 1873 | 78.0 |   | 6:33 | 116  | 23:37 | 102  | *  | *  | *  | *  | *     | 1:14  | 94    | 14:57 | 23 | *  | *  | *  | * |

| N   | Sum   | Mean | 推算月最高潮位  |     |    | 推算月最低潮位  |    |    |
|-----|-------|------|----------|-----|----|----------|----|----|
|     |       |      | 起時       | 潮位  | 回数 | 起時       | 潮位 | 回数 |
| 720 | 56584 | 78.6 | 12日5時40分 | 135 | 3  | 11日12時6分 | 0  | 1  |

# 推算潮位（毎時・満干潮）

地点名：鹿島

緯度：35 °56 N

経度：140 °42 E

潮位表基準面の零点：平均海面下 89.0(cm)

2020年5月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |    |    |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |      |      |       |     | 干潮 |    |    |    |      |       |       |       |    |    |    |    |   |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|------|------|-------|-----|----|----|----|----|------|-------|-------|-------|----|----|----|----|---|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10 | 11 | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻   | 潮位   | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 | 時刻   | 潮位    | 時刻    | 潮位    | 時刻 | 潮位 | 時刻 | 潮位 |   |
| 1  | 102  | 101 | 99  | 99  | 101 | 103 | 106 | 108 | 107 | 103 | 95 | 84 | 70  | 56  | 43  | 33  | 28  | 29  | 35  | 47  | 62  | 77  | 90  | 99  | 1877 | 78.2 | U | 7:14 | 108  | *     | *   | *  | *  | *  | *  | *    | 2:34  | 99    | 16:22 | 27 | *  | *  | *  | * |
| 2  | 105  | 106 | 105 | 102 | 98  | 96  | 95  | 96  | 97  | 98  | 98 | 95 | 88  | 79  | 66  | 52  | 40  | 31  | 29  | 34  | 46  | 61  | 78  | 93  | 1888 | 78.7 |   | 0:56 | 106  | 9:19  | 98  | *  | *  | *  | *  | *    | 6:2   | 95    | 17:48 | 29 | *  | *  | *  | * |
| 3  | 104  | 110 | 111 | 106 | 98  | 90  | 84  | 81  | 81  | 85  | 91 | 97 | 100 | 98  | 90  | 77  | 61  | 45  | 34  | 30  | 35  | 47  | 65  | 84  | 1904 | 79.3 |   | 1:32 | 111  | 12:9  | 100 | *  | *  | *  | *  | *    | 7:18  | 80    | 18:58 | 30 | *  | *  | *  | * |
| 4  | 101  | 112 | 116 | 112 | 102 | 88  | 75  | 66  | 63  | 66  | 75 | 88 | 100 | 108 | 109 | 101 | 87  | 68  | 50  | 37  | 34  | 40  | 54  | 74  | 1926 | 80.3 |   | 1:59 | 116  | 13:38 | 109 | *  | *  | *  | *  | *    | 7:59  | 63    | 19:53 | 33 | *  | *  | *  | * |
| 5  | 95   | 111 | 120 | 119 | 109 | 92  | 72  | 55  | 45  | 44  | 52 | 68 | 87  | 105 | 117 | 119 | 111 | 94  | 74  | 55  | 42  | 40  | 49  | 67  | 1942 | 80.9 |   | 2:24 | 121  | 14:42 | 119 | *  | *  | *  | *  | *    | 8:36  | 43    | 20:40 | 40 | *  | *  | *  | * |
| 6  | 88   | 108 | 122 | 126 | 118 | 100 | 76  | 52  | 33  | 24  | 28 | 42 | 64  | 89  | 111 | 124 | 126 | 116 | 98  | 78  | 60  | 50  | 51  | 64  | 1948 | 81.2 |   | 2:49 | 126  | 15:38 | 127 | *  | *  | *  | *  | *    | 9:13  | 24    | 21:22 | 49 | *  | *  | *  | * |
| 7  | 83   | 105 | 122 | 131 | 128 | 112 | 87  | 57  | 31  | 13  | 8  | 17 | 37  | 64  | 92  | 115 | 128 | 128 | 118 | 100 | 81  | 66  | 60  | 65  | 1948 | 81.2 | F | 3:14 | 132  | 16:31 | 130 | *  | *  | *  | *  | *    | 9:51  | 7     | 22:0  | 60 | *  | *  | *  | * |
| 8  | 81   | 101 | 120 | 134 | 136 | 124 | 101 | 71  | 39  | 13  | -2 | -2 | 12  | 37  | 67  | 96  | 118 | 128 | 127 | 116 | 100 | 83  | 72  | 71  | 1943 | 81.0 |   | 3:40 | 137  | 17:23 | 129 | *  | *  | *  | *  | *    | 10:30 | -4    | 22:36 | 70 | *  | *  | *  | * |
| 9  | 81   | 97  | 117 | 133 | 140 | 135 | 116 | 88  | 55  | 24  | 1  | -9 | -4  | 14  | 41  | 71  | 98  | 117 | 125 | 122 | 112 | 98  | 86  | 80  | 1938 | 80.8 |   | 4:7  | 140  | 18:14 | 125 | *  | *  | *  | *  | *    | 11:10 | #-9   | 23:9  | 80 | *  | *  | *  | * |
| 10 | 83   | 95  | 111 | 128 | 139 | 140 | 129 | 106 | 75  | 43  | 15 | -4 | -8  | 1   | 21  | 47  | 74  | 98  | 113 | 119 | 116 | 107 | 97  | 88  | 1933 | 80.5 |   | 4:35 | #141 | 19:7  | 119 | *  | *  | *  | *  | *    | 11:50 | #-9   | 23:43 | 86 | *  | *  | *  | * |
| 11 | 87   | 93  | 106 | 121 | 133 | 139 | 135 | 119 | 94  | 64  | 36 | 12 | -1  | -1  | 10  | 30  | 54  | 77  | 97  | 109 | 113 | 110 | 103 | 96  | 1936 | 80.7 |   | 5:6  | 139  | 20:2  | 113 | *  | *  | *  | *  | *    | 12:32 | -2    | *     | *  | *  | *  | *  | * |
| 12 | 91   | 93  | 100 | 112 | 124 | 132 | 133 | 125 | 107 | 83  | 57 | 34 | 16  | 8   | 10  | 22  | 39  | 60  | 79  | 95  | 104 | 107 | 105 | 101 | 1937 | 80.7 |   | 5:38 | 134  | 21:5  | 107 | *  | *  | *  | *  | *    | 0:17  | 91    | 13:16 | 7  | *  | *  | *  | * |
| 13 | 96   | 94  | 96  | 103 | 113 | 121 | 126 | 123 | 113 | 97  | 76 | 55 | 37  | 24  | 19  | 22  | 33  | 47  | 64  | 80  | 93  | 101 | 104 | 103 | 1940 | 80.8 |   | 6:12 | 126  | 22:17 | 104 | *  | *  | *  | *  | *    | 0:58  | 94    | 14:5  | 19 | *  | *  | *  | * |
| 14 | 100  | 97  | 95  | 97  | 102 | 108 | 113 | 115 | 112 | 103 | 89 | 73 | 57  | 44  | 34  | 31  | 33  | 42  | 54  | 68  | 81  | 92  | 100 | 104 | 1944 | 81.0 | L | 6:53 | 115  | 23:29 | 104 | *  | *  | *  | *  | *    | 1:57  | 95    | 15:4  | 31 | *  | *  | *  | * |
| 15 | 104  | 101 | 97  | 95  | 94  | 96  | 99  | 102 | 103 | 101 | 95 | 86 | 75  | 63  | 52  | 44  | 41  | 42  | 48  | 58  | 71  | 84  | 94  | 102 | 1947 | 81.1 |   | 7:51 | 103  | *     | *   | *  | *  | *  | *  | 3:43 | 94    | 16:15 | 40    | *  | *  | *  | *  |   |
| 16 | 106  | 106 | 102 | 96  | 91  | 87  | 86  | 87  | 90  | 92  | 93 | 92 | 87  | 80  | 71  | 61  | 53  | 48  | 48  | 53  | 63  | 75  | 88  | 99  | 1954 | 81.4 |   | 0:24 | 106  | 9:52  | 93  | *  | *  | *  | *  | *    | 5:52  | 86    | 17:31 | 47 | *  | *  | *  | * |
| 17 | 107  | 110 | 107 | 101 | 91  | 82  | 75  | 73  | 74  | 79  | 85 | 90 | 93  | 92  | 87  | 78  | 68  | 59  | 53  | 52  | 58  | 68  | 81  | 95  | 1958 | 81.6 |   | 1:2  | 110  | 12:15 | 93  | *  | *  | *  | *  | *    | 7:5   | 73    | 18:36 | 52 | *  | *  | *  | * |
| 18 | 106  | 113 | 113 | 107 | 96  | 82  | 69  | 61  | 59  | 63  | 72 | 82 | 92  | 98  | 99  | 94  | 84  | 73  | 63  | 56  | 57  | 63  | 75  | 90  | 1967 | 82.0 |   | 1:32 | 114  | 13:38 | 99  | *  | *  | *  | *  | *    | 7:49  | 59    | 19:29 | 56 | *  | *  | *  | * |
| 19 | 104  | 114 | 118 | 114 | 102 | 86  | 68  | 54  | 46  | 47  | 55 | 69 | 84  | 98  | 105 | 106 | 100 | 88  | 76  | 65  | 60  | 62  | 71  | 85  | 1977 | 82.4 |   | 1:58 | 118  | 14:35 | 107 | *  | *  | *  | *  | *    | 8:24  | 45    | 20:13 | 60 | *  | *  | *  | * |
| 20 | 101  | 114 | 121 | 120 | 110 | 92  | 71  | 51  | 37  | 32  | 38 | 52 | 71  | 90  | 106 | 113 | 112 | 103 | 90  | 77  | 67  | 64  | 70  | 81  | 1983 | 82.6 |   | 2:22 | 122  | 15:21 | 114 | *  | *  | *  | *  | *    | 8:56  | 32    | 20:51 | 64 | *  | *  | *  | * |
| 21 | 97   | 112 | 123 | 125 | 118 | 101 | 78  | 53  | 33  | 22  | 23 | 35 | 54  | 78  | 99  | 114 | 119 | 115 | 104 | 90  | 77  | 70  | 71  | 79  | 1990 | 82.9 |   | 2:45 | 126  | 16:3  | 119 | *  | *  | *  | *  | *    | 9:27  | 21    | 21:26 | 69 | *  | *  | *  | * |
| 22 | 94   | 110 | 123 | 129 | 125 | 110 | 87  | 60  | 35  | 18  | 11 | 18 | 36  | 61  | 86  | 107 | 120 | 122 | 115 | 103 | 89  | 78  | 75  | 79  | 1991 | 83.0 |   | 3:8  | 129  | 16:42 | 122 | *  | *  | *  | *  | *    | 9:58  | 11    | 21:58 | 75 | *  | *  | *  | * |
| 23 | 91   | 106 | 121 | 130 | 131 | 120 | 99  | 71  | 43  | 19  | 6  | 6  | 20  | 42  | 69  | 95  | 114 | 123 | 122 | 113 | 100 | 88  | 80  | 81  | 1990 | 82.9 | N | 3:32 | 132  | 17:21 | 124 | *  | *  | *  | *  | *    | 10:29 | 5     | 22:28 | 80 | *  | *  | *  | * |
| 24 | 89   | 102 | 117 | 129 | 134 | 127 | 110 | 84  | 55  | 27  | 8  | 0  | 7   | 25  | 51  | 78  | 102 | 118 | 123 | 119 | 109 | 97  | 88  | 84  | 1983 | 82.6 |   | 3:57 | 134  | 18:2  | 123 | *  | *  | *  | *  | *    | 11:2  | 0     | 22:59 | 84 | *  | *  | *  | * |
| 25 | 88   | 99  | 113 | 126 | 134 | 132 | 120 | 98  | 70  | 40  | 16 | 2  | 0   | 12  | 33  | 60  | 86  | 106 | 118 | 121 | 115 | 106 | 96  | 89  | 1980 | 82.5 |   | 4:23 | 134  | 18:45 | 121 | *  | *  | *  | *  | *    | 11:36 | -1    | 23:30 | 88 | *  | *  | *  | * |
| 26 | 89   | 96  | 108 | 120 | 130 | 133 | 127 | 110 | 85  | 57  | 31 | 11 | 1   | 5   | 19  | 42  | 67  | 90  | 108 | 117 | 117 | 111 | 103 | 95  | 1972 | 82.2 |   | 4:51 | 133  | 19:32 | 118 | *  | *  | *  | *  | *    | 12:14 | 1     | *     | *  | *  | *  | *  | * |
| 27 | 92   | 95  | 103 | 114 | 124 | 130 | 129 | 118 | 99  | 75  | 49 | 26 | 11  | 6   | 12  | 27  | 49  | 72  | 93  | 107 | 114 | 113 | 108 | 102 | 1968 | 82.0 |   | 5:21 | 131  | 20:26 | 114 | *  | *  | *  | *  | *    | 0:4   | 92    | 12:56 | 6  | *  | *  | *  | * |
| 28 | 97   | 95  | 99  | 107 | 116 | 123 | 126 | 121 | 109 | 91  | 68 | 46 | 27  | 15  | 13  | 20  | 35  | 55  | 75  | 93  | 106 | 111 | 111 | 107 | 1966 | 81.9 |   | 5:55 | 126  | 21:28 | 112 | *  | *  | *  | *  | *    | 0:45  | 95    | 13:44 | 13 | *  | *  | *  | * |
| 29 | 102  | 98  | 97  | 100 | 106 | 112 | 117 | 118 | 113 | 102 | 86 | 67 | 48  | 33  | 24  | 22  | 29  | 42  | 59  | 78  | 94  | 105 | 111 | 111 | 1974 | 82.3 |   | 6:39 | 118  | 22:32 | 111 | *  | *  | *  | *  | *    | 1:42  | 97    | 14:41 | 22 | *  | *  | *  | * |
| 30 | 108  | 102 | 98  | 95  | 96  | 99  | 103 | 107 | 108 | 105 | 97 | 85 | 71  | 56  | 43  | 34  | 32  | 37  | 48  | 64  | 81  | 96  | 107 | 113 | 1985 | 82.7 | U | 7:47 | 108  | 23:28 | 113 | *  | *  | *  | *  | *    | 3:15  | 95    | 15:48 | 32 | *  | *  | *  | * |
| 31 | 112  | 108 | 101 | 94  | 88  | 86  | 87  | 90  | 95  | 98  | 99 | 97 | 90  | 79  | 66  | 54  | 45  | 41  | 45  | 55  | 70  | 87  | 101 | 112 | 2000 | 83.3 |   | 9:49 | 99   | *     | *   | *  | *  | *  | *  | 5:13 | 86    | 17:0  | 41    | *  | *  | *  | *  |   |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位  |     |    | 推算月最低潮位   |    |    |
|----------|--------------|---------------|----------|-----|----|-----------|----|----|
|          |              |               | 起時       | 潮位  | 回数 | 起時        | 潮位 | 回数 |
| 744      | 60589        | 81.4          | 10日4時35分 | 141 | 1  | 10日11時50分 | -9 | 2  |

# 推算潮位 (毎時・満干潮)

地点名: 鹿島

緯度: 35 °56 N

経度: 140 °42 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020年6月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |       |      |       |     | 干潮 |    |      |    |       |     |       |    |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|------|-------|-----|----|----|------|----|-------|-----|-------|----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位   | 時刻    | 潮位  | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 116  | 114 | 107 | 96  | 85  | 76  | 70  | 70  | 75  | 82  | 91  | 97  | 100 | 98  | 90  | 78  | 66  | 55  | 51  | 54  | 64  | 78  | 95  | 109 | 2017 | 84.0 |   | 0:11  | 116  | 12: 4 | 100 | *  | *  | *    | *  | 6:31  | 70  | 18: 8 | 51 | *  | *  | *  | *  |
| 2  | 119  | 121 | 115 | 103 | 87  | 71  | 58  | 51  | 52  | 59  | 72  | 86  | 99  | 107 | 107 | 101 | 90  | 76  | 65  | 60  | 63  | 74  | 89  | 105 | 2030 | 84.6 |   | 0:47  | 121  | 13:37 | 108 | *  | *  | *    | *  | 7:24  | 50  | 19: 8 | 60 | *  | *  | *  | *  |
| 3  | 119  | 126 | 124 | 114 | 96  | 74  | 53  | 38  | 31  | 35  | 47  | 65  | 85  | 103 | 114 | 117 | 111 | 99  | 85  | 74  | 70  | 74  | 85  | 101 | 2040 | 85.0 |   | 1:19  | 126  | 14:47 | 117 | *  | *  | *    | *  | 8:10  | 31  | 20: 1 | 70 | *  | *  | *  | *  |
| 4  | 117  | 129 | 132 | 126 | 109 | 85  | 58  | 34  | 19  | 14  | 21  | 39  | 62  | 87  | 108 | 121 | 124 | 117 | 105 | 91  | 81  | 79  | 85  | 98  | 2041 | 85.0 |   | 1:52  | 133  | 15:47 | 124 | *  | *  | *    | *  | 8:52  | 14  | 20:48 | 79 | *  | *  | *  | *  |
| 5  | 114  | 129 | 138 | 136 | 124 | 101 | 72  | 42  | 17  | 3   | 2   | 14  | 36  | 63  | 91  | 113 | 125 | 127 | 120 | 108 | 95  | 87  | 87  | 95  | 2039 | 85.0 |   | 2:24  | 138  | 16:41 | 128 | *  | *  | *    | *  | 9:34  | 1   | 21:32 | 86 | *  | *  | *  | *  |
| 6  | 109  | 125 | 138 | 143 | 137 | 118 | 91  | 58  | 28  | 4   | -7  | -3  | 13  | 38  | 68  | 96  | 116 | 127 | 128 | 120 | 108 | 97  | 91  | 94  | 2037 | 84.9 | F | 2:58  | 143  | 17:32 | 129 | *  | *  | *    | *  | 10:16 | -7  | 22:13 | 91 | *  | *  | *  | *  |
| 7  | 104  | 119 | 134 | 144 | 144 | 133 | 110 | 80  | 47  | 17  | -3  | -9  | -2  | 18  | 45  | 74  | 100 | 118 | 126 | 125 | 117 | 106 | 97  | 94  | 2038 | 84.9 |   | 3:34  | #145 | 18:20 | 127 | *  | *  | *    | *  | 10:57 | #-9 | 22:53 | 94 | *  | *  | *  | *  |
| 8  | 99   | 111 | 126 | 139 | 145 | 141 | 126 | 100 | 69  | 38  | 12  | -3  | -5  | 6   | 27  | 54  | 81  | 104 | 118 | 123 | 121 | 112 | 103 | 96  | 2043 | 85.1 |   | 4:10  | #145 | 19: 6 | 123 | *  | *  | *    | *  | 11:38 | -6  | 23:32 | 95 | *  | *  | *  | *  |
| 9  | 96   | 103 | 115 | 129 | 139 | 142 | 134 | 116 | 90  | 60  | 33  | 12  | 1   | 4   | 17  | 39  | 64  | 87  | 106 | 117 | 119 | 115 | 107 | 99  | 2044 | 85.2 |   | 4:48  | 142  | 19:50 | 120 | *  | *  | *    | *  | 12:19 | 1   | *     | *  | *  | *  | *  | *  |
| 10 | 95   | 97  | 105 | 117 | 128 | 135 | 135 | 124 | 105 | 81  | 55  | 32  | 16  | 11  | 16  | 31  | 51  | 73  | 93  | 108 | 115 | 116 | 111 | 103 | 2053 | 85.5 |   | 5:26  | 136  | 20:33 | 116 | *  | *  | *    | *  | 0:14  | 95  | 12:59 | 10 | *  | *  | *  | *  |
| 11 | 96   | 94  | 96  | 104 | 115 | 124 | 128 | 125 | 113 | 95  | 74  | 52  | 35  | 24  | 22  | 30  | 44  | 62  | 82  | 98  | 109 | 114 | 112 | 107 | 2055 | 85.6 |   | 6: 7  | 128  | 21:16 | 114 | *  | *  | *    | *  | 1: 0  | 94  | 13:40 | 22 | *  | *  | *  | *  |
| 12 | 100  | 94  | 92  | 95  | 101 | 109 | 116 | 118 | 114 | 103 | 88  | 71  | 54  | 41  | 35  | 35  | 43  | 56  | 73  | 89  | 102 | 110 | 113 | 111 | 2063 | 86.0 |   | 6:53  | 118  | 22: 0 | 113 | *  | *  | *    | *  | 1:57  | 92  | 14:24 | 34 | *  | *  | *  | *  |
| 13 | 105  | 98  | 92  | 89  | 90  | 94  | 100 | 105 | 107 | 103 | 95  | 84  | 71  | 59  | 50  | 46  | 48  | 55  | 67  | 81  | 95  | 106 | 112 | 114 | 2066 | 86.1 | L | 7:50  | 107  | 22:45 | 114 | *  | *  | *    | *  | 3:12  | 89  | 15:12 | 46 | *  | *  | *  | *  |
| 14 | 110  | 103 | 95  | 88  | 83  | 82  | 85  | 89  | 94  | 97  | 96  | 92  | 85  | 76  | 67  | 60  | 57  | 59  | 66  | 76  | 89  | 101 | 110 | 115 | 2075 | 86.5 |   | 9:19  | 97   | 23:28 | 116 | *  | *  | *    | *  | 4:44  | 82  | 16: 9 | 57 | *  | *  | *  | *  |
| 15 | 115  | 110 | 101 | 91  | 81  | 74  | 71  | 73  | 78  | 84  | 90  | 93  | 92  | 89  | 83  | 76  | 70  | 67  | 69  | 75  | 84  | 96  | 107 | 115 | 2084 | 86.8 |   | 11:27 | 93   | *     | *   | *  | *  | 6: 5 | 71 | 17:14 | 67  | *     | *  | *  | *  |    |    |
| 16 | 118  | 116 | 109 | 97  | 83  | 70  | 61  | 58  | 61  | 68  | 77  | 87  | 94  | 97  | 96  | 92  | 85  | 79  | 76  | 77  | 82  | 92  | 103 | 113 | 2091 | 87.1 |   | 0: 9  | 119  | 13:16 | 98  | *  | *  | *    | *  | 7: 2  | 58  | 18:18 | 75 | *  | *  | *  | *  |
| 17 | 120  | 122 | 117 | 105 | 89  | 72  | 57  | 47  | 45  | 50  | 61  | 75  | 89  | 100 | 105 | 105 | 100 | 93  | 86  | 82  | 83  | 89  | 99  | 110 | 2101 | 87.5 |   | 0:45  | 122  | 14:27 | 106 | *  | *  | *    | *  | 7:46  | 44  | 19:17 | 82 | *  | *  | *  | *  |
| 18 | 120  | 126 | 124 | 115 | 98  | 78  | 57  | 41  | 32  | 33  | 43  | 59  | 78  | 95  | 108 | 113 | 112 | 106 | 97  | 90  | 87  | 89  | 96  | 107 | 2104 | 87.7 |   | 1:18  | 126  | 15:19 | 114 | *  | *  | *    | *  | 8:24  | 32  | 20: 8 | 87 | *  | *  | *  | *  |
| 19 | 119  | 127 | 130 | 124 | 109 | 88  | 64  | 41  | 26  | 20  | 25  | 40  | 62  | 84  | 103 | 116 | 120 | 117 | 109 | 100 | 93  | 90  | 94  | 103 | 2104 | 87.7 |   | 1:50  | 130  | 16: 3 | 120 | *  | *  | *    | *  | 9: 0  | 20  | 20:52 | 90 | *  | *  | *  | *  |
| 20 | 115  | 127 | 133 | 132 | 121 | 101 | 75  | 48  | 26  | 12  | 11  | 22  | 43  | 68  | 92  | 112 | 123 | 125 | 119 | 110 | 100 | 94  | 94  | 100 | 2103 | 87.6 |   | 2:22  | 134  | 16:44 | 125 | *  | *  | *    | *  | 9:35  | 10  | 21:33 | 93 | *  | *  | *  | *  |
| 21 | 111  | 124 | 134 | 137 | 131 | 115 | 90  | 60  | 33  | 12  | 3   | 7   | 24  | 48  | 76  | 101 | 119 | 127 | 126 | 119 | 109 | 100 | 95  | 98  | 2099 | 87.5 | N | 2:54  | 137  | 17:24 | 128 | *  | *  | *    | *  | 10:11 | 3   | 22:10 | 95 | *  | *  | *  | *  |
| 22 | 106  | 119 | 131 | 139 | 139 | 127 | 106 | 77  | 47  | 20  | 3   | -1  | 8   | 29  | 56  | 84  | 108 | 123 | 129 | 125 | 116 | 106 | 98  | 97  | 2092 | 87.2 |   | 3:28  | 140  | 18: 4 | 129 | *  | *  | *    | *  | 10:48 | -1  | 22:47 | 96 | *  | *  | *  | *  |
| 23 | 102  | 112 | 125 | 137 | 141 | 137 | 121 | 96  | 65  | 36  | 12  | -1  | 0   | 14  | 37  | 65  | 92  | 113 | 125 | 128 | 122 | 113 | 103 | 97  | 2092 | 87.2 |   | 4: 3  | 141  | 18:45 | 128 | *  | *  | *    | *  | 11:27 | -2  | 23:25 | 97 | *  | *  | *  | *  |
| 24 | 98   | 105 | 117 | 130 | 139 | 140 | 131 | 112 | 86  | 56  | 28  | 8   | 0   | 5   | 22  | 47  | 74  | 99  | 117 | 125 | 125 | 118 | 109 | 100 | 2091 | 87.1 |   | 4:40  | 141  | 19:26 | 126 | *  | *  | *    | *  | 12: 7 | 0   | *     | *  | *  | *  | *  | *  |
| 25 | 96   | 99  | 108 | 119 | 130 | 137 | 135 | 124 | 104 | 77  | 50  | 26  | 10  | 7   | 15  | 33  | 57  | 83  | 105 | 119 | 124 | 122 | 114 | 104 | 2098 | 87.4 |   | 5:21  | 137  | 20: 8 | 124 | *  | *  | *    | *  | 0: 6  | 96  | 12:48 | 6  | *  | *  | *  | *  |
| 26 | 97   | 94  | 98  | 107 | 118 | 127 | 131 | 128 | 116 | 96  | 72  | 49  | 29  | 18  | 17  | 28  | 46  | 69  | 91  | 109 | 120 | 123 | 118 | 109 | 2110 | 87.9 |   | 6: 6  | 131  | 20:48 | 123 | *  | *  | *    | *  | 0:53  | 94  | 13:32 | 16 | *  | *  | *  | *  |
| 27 | 100  | 93  | 91  | 95  | 102 | 112 | 119 | 122 | 119 | 108 | 91  | 72  | 52  | 37  | 30  | 31  | 42  | 59  | 80  | 99  | 114 | 121 | 121 | 115 | 2125 | 88.5 |   | 7: 1  | 122  | 21:28 | 122 | *  | *  | *    | *  | 1:49  | 91  | 14:19 | 29 | *  | *  | *  | *  |
| 28 | 105  | 95  | 87  | 85  | 87  | 93  | 101 | 108 | 112 | 110 | 103 | 90  | 76  | 61  | 50  | 44  | 47  | 57  | 73  | 91  | 107 | 118 | 123 | 120 | 2143 | 89.3 | U | 8:13  | 112  | 22: 7 | 123 | *  | *  | *    | *  | 3: 1  | 85  | 15: 9 | 44 | *  | *  | *  | *  |
| 29 | 112  | 101 | 89  | 80  | 75  | 75  | 80  | 87  | 95  | 101 | 103 | 100 | 94  | 84  | 73  | 64  | 60  | 63  | 72  | 86  | 101 | 114 | 123 | 125 | 2157 | 89.9 |   | 9:58  | 103  | 22:47 | 125 | *  | *  | *    | *  | 4:27  | 74  | 16: 6 | 60 | *  | *  | *  | *  |
| 30 | 120  | 110 | 96  | 81  | 69  | 62  | 60  | 64  | 72  | 82  | 92  | 99  | 102 | 100 | 94  | 86  | 79  | 75  | 77  | 85  | 97  | 110 | 121 | 128 | 2161 | 90.0 |   | 12: 6 | 102  | 23:30 | 129 | *  | *  | *    | *  | 5:47  | 60  | 17:10 | 75 | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位 |     |    | 推算月最低潮位  |    |    |
|----------|--------------|---------------|---------|-----|----|----------|----|----|
|          |              |               | 起時      | 潮位  | 回数 | 起時       | 潮位 | 回数 |
| 720      | 62396        | 86.7          | 8日4時10分 | 145 | 2  | 7日10時57分 | -9 | 1  |

# 推算潮位（毎時・満干潮）

地点名：鹿島

緯度：35 °56 N

経度：140 °42 E

潮位表基準面の零点：平均海面下 89.0(cm)

2020 年 7 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |       |      |       |     | 干潮 |    |    |    |      |       |       |       |     |    |    |    |   |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|------|-------|-----|----|----|----|----|------|-------|-------|-------|-----|----|----|----|---|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位   | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 | 時刻   | 潮位    | 時刻    | 潮位    | 時刻  | 潮位 | 時刻 | 潮位 |   |
| 1  | 128  | 121 | 107 | 90  | 72  | 56  | 46  | 43  | 48  | 58  | 72  | 87  | 99  | 107 | 109 | 106 | 99  | 92  | 88  | 89  | 96  | 106 | 118 | 128 | 2165 | 90.2 |   | 13:50 | 109  | *     | *   | *  | *  | *  | *  | *    | 6:52  | 43    | 18:17 | 88  | *  | *  | *  | * |
| 2  | 133  | 131 | 121 | 104 | 83  | 61  | 42  | 30  | 28  | 34  | 48  | 66  | 86  | 103 | 114 | 118 | 116 | 109 | 101 | 97  | 97  | 103 | 114 | 125 | 2164 | 90.2 |   | 0:14  | 133  | 15: 6 | 118 | *  | *  | *  | *  | *    | 7:48  | 27    | 19:24 | 96  | *  | *  | *  | * |
| 3  | 134  | 138 | 134 | 121 | 100 | 75  | 49  | 29  | 16  | 15  | 24  | 42  | 65  | 88  | 108 | 121 | 125 | 122 | 115 | 107 | 101 | 102 | 109 | 119 | 2159 | 90.0 |   | 1: 1  | 138  | 16: 3 | 125 | *  | *  | *  | *  | *    | 8:37  | 14    | 20:25 | 101 | *  | *  | *  | * |
| 4  | 131  | 140 | 142 | 136 | 119 | 94  | 66  | 38  | 17  | 6   | 7   | 20  | 42  | 68  | 94  | 115 | 127 | 130 | 125 | 116 | 108 | 103 | 104 | 112 | 2160 | 90.0 |   | 1:48  | 143  | 16:51 | 130 | *  | *  | *  | *  | *    | 9:23  | 5     | 21:18 | 102 | *  | *  | *  | * |
| 5  | 124  | 136 | 145 | 145 | 135 | 115 | 87  | 56  | 28  | 8   | 0   | 5   | 22  | 47  | 75  | 101 | 121 | 131 | 131 | 124 | 114 | 105 | 101 | 104 | 2160 | 90.0 | F | 2:34  | 146  | 17:33 | 132 | *  | *  | *  | *  | *    | 10: 6 | 0     | 22: 4 | 101 | *  | *  | *  | * |
| 6  | 114  | 128 | 140 | 148 | 145 | 132 | 108 | 78  | 47  | 21  | 4   | 0   | 9   | 29  | 56  | 84  | 109 | 125 | 131 | 129 | 120 | 109 | 101 | 99  | 2166 | 90.3 |   | 3:18  | 148  | 18:10 | 131 | *  | *  | *  | *  | *    | 10:47 | # -1  | 22:46 | 98  | *  | *  | *  | * |
| 7  | 104  | 116 | 131 | 143 | 148 | 142 | 126 | 100 | 69  | 40  | 16  | 4   | 5   | 19  | 41  | 68  | 95  | 115 | 127 | 129 | 124 | 113 | 102 | 96  | 2173 | 90.5 |   | 4: 1  | 148  | 18:44 | 130 | *  | *  | *  | *  | *    | 11:26 | 3     | 23:26 | 95  | *  | *  | *  | * |
| 8  | 96   | 105 | 118 | 132 | 143 | 145 | 136 | 116 | 90  | 61  | 35  | 16  | 9   | 15  | 32  | 55  | 81  | 104 | 121 | 127 | 126 | 117 | 106 | 96  | 2182 | 90.9 |   | 4:42  | 145  | 19:15 | 128 | *  | *  | *  | *  | *    | 12: 2 | 9     | *     | *   | *  | *  | *  | * |
| 9  | 91   | 94  | 105 | 119 | 132 | 139 | 138 | 126 | 106 | 81  | 55  | 34  | 21  | 20  | 29  | 48  | 71  | 94  | 113 | 124 | 126 | 120 | 110 | 99  | 2195 | 91.5 |   | 5:23  | 140  | 19:45 | 126 | *  | *  | *  | *  | *    | 0: 6  | 91    | 12:37 | 19  | *  | *  | *  | * |
| 10 | 90   | 88  | 93  | 104 | 117 | 128 | 133 | 129 | 115 | 96  | 73  | 52  | 37  | 30  | 33  | 46  | 65  | 86  | 105 | 119 | 125 | 123 | 115 | 103 | 2205 | 91.9 |   | 6: 4  | 133  | 20:13 | 125 | *  | *  | *  | *  | *    | 0:47  | 88    | 13:10 | 30  | *  | *  | *  | * |
| 11 | 93   | 86  | 85  | 91  | 102 | 113 | 121 | 123 | 118 | 105 | 88  | 70  | 54  | 44  | 42  | 49  | 63  | 80  | 98  | 113 | 122 | 124 | 119 | 109 | 2212 | 92.2 |   | 6:48  | 123  | 20:43 | 124 | *  | *  | *  | *  | *    | 1:34  | 85    | 13:42 | 42  | *  | *  | *  | * |
| 12 | 98   | 88  | 82  | 82  | 88  | 96  | 105 | 112 | 113 | 107 | 97  | 84  | 71  | 60  | 55  | 57  | 65  | 78  | 94  | 108 | 119 | 124 | 122 | 115 | 2220 | 92.5 |   | 7:40  | 113  | 21:14 | 124 | *  | *  | *  | *  | *    | 2:29  | 81    | 14:15 | 55  | *  | *  | *  | * |
| 13 | 105  | 93  | 83  | 78  | 77  | 81  | 88  | 96  | 102 | 103 | 100 | 93  | 85  | 76  | 70  | 69  | 72  | 80  | 91  | 104 | 115 | 122 | 124 | 120 | 2227 | 92.8 | L | 8:49  | 103  | 21:48 | 124 | *  | *  | *  | *  | *    | 3:37  | 77    | 14:52 | 68  | *  | *  | *  | * |
| 14 | 112  | 101 | 89  | 78  | 72  | 70  | 72  | 79  | 86  | 93  | 97  | 97  | 94  | 90  | 85  | 82  | 82  | 85  | 92  | 101 | 111 | 119 | 124 | 124 | 2235 | 93.1 |   | 10:37 | 97   | 22:29 | 125 | *  | *  | *  | *  | *    | 4:54  | 70    | 15:39 | 81  | *  | *  | *  | * |
| 15 | 119  | 110 | 97  | 84  | 71  | 63  | 60  | 62  | 69  | 78  | 87  | 94  | 99  | 100 | 99  | 96  | 94  | 93  | 95  | 100 | 108 | 116 | 122 | 126 | 2242 | 93.4 |   | 12:58 | 100  | 23:15 | 126 | *  | *  | *  | *  | *    | 6: 5  | 60    | 16:47 | 93  | *  | *  | *  | * |
| 16 | 125  | 118 | 107 | 92  | 76  | 62  | 52  | 48  | 51  | 60  | 72  | 85  | 96  | 104 | 108 | 108 | 106 | 103 | 101 | 102 | 106 | 112 | 119 | 125 | 2238 | 93.3 |   | 14:31 | 109  | *     | *   | *  | *  | *  | *  | 7: 2 | 48    | 18:13 | 101   | *   | *  | *  | *  |   |
| 17 | 128  | 126 | 118 | 104 | 86  | 67  | 50  | 39  | 36  | 41  | 53  | 70  | 87  | 102 | 113 | 118 | 117 | 113 | 109 | 105 | 105 | 109 | 115 | 123 | 2234 | 93.1 |   | 0: 6  | 128  | 15:24 | 118 | *  | *  | *  | *  | *    | 7:51  | 36    | 19:31 | 105 | *  | *  | *  | * |
| 18 | 129  | 132 | 128 | 117 | 99  | 77  | 55  | 36  | 26  | 25  | 34  | 51  | 72  | 93  | 111 | 122 | 126 | 123 | 117 | 111 | 107 | 107 | 111 | 119 | 2228 | 92.8 |   | 0:57  | 132  | 16: 5 | 126 | *  | *  | *  | *  | *    | 8:34  | 24    | 20:32 | 106 | *  | *  | *  | * |
| 19 | 128  | 135 | 136 | 130 | 115 | 93  | 67  | 42  | 23  | 14  | 17  | 31  | 53  | 78  | 101 | 119 | 129 | 131 | 126 | 118 | 110 | 106 | 107 | 113 | 2222 | 92.6 |   | 1:44  | 137  | 16:41 | 131 | *  | *  | *  | *  | *    | 9:15  | 14    | 21:20 | 105 | *  | *  | *  | * |
| 20 | 123  | 134 | 141 | 140 | 131 | 111 | 84  | 55  | 29  | 12  | 6   | 13  | 32  | 58  | 86  | 110 | 127 | 134 | 133 | 125 | 115 | 107 | 103 | 106 | 2215 | 92.3 |   | 2:30  | 142  | 17:17 | 135 | *  | *  | *  | *  | *    | 9:56  | 6     | 22: 2 | 103 | *  | *  | *  | * |
| 21 | 116  | 128 | 140 | 146 | 143 | 129 | 105 | 75  | 44  | 19  | 4   | 2   | 15  | 38  | 67  | 96  | 119 | 133 | 136 | 131 | 121 | 109 | 101 | 100 | 2217 | 92.4 | N | 3:14  | 146  | 17:51 | 136 | *  | *  | *  | *  | *    | 10:36 | 1     | 22:41 | 100 | *  | *  | *  | * |
| 22 | 106  | 118 | 133 | 144 | 149 | 142 | 125 | 98  | 66  | 35  | 12  | 1   | 5   | 22  | 48  | 78  | 106 | 126 | 135 | 135 | 126 | 114 | 102 | 95  | 2221 | 92.5 |   | 3:58  | #149 | 18:24 | 136 | *  | *  | *  | *  | *    | 11:15 | 1     | 23:20 | 95  | *  | *  | *  | * |
| 23 | 97   | 106 | 120 | 135 | 146 | 148 | 139 | 118 | 90  | 59  | 31  | 11  | 6   | 14  | 34  | 62  | 91  | 115 | 131 | 135 | 130 | 119 | 105 | 94  | 2236 | 93.2 |   | 4:42  | #149 | 18:56 | 136 | *  | *  | *  | *  | *    | 11:54 | 6     | *     | *   | *  | *  | *  | * |
| 24 | 89   | 94  | 105 | 120 | 135 | 144 | 144 | 132 | 111 | 83  | 55  | 31  | 17  | 16  | 29  | 51  | 77  | 103 | 123 | 133 | 133 | 124 | 110 | 95  | 2254 | 93.9 |   | 5:29  | 145  | 19:26 | 134 | *  | *  | *  | *  | *    | 0: 1  | 89    | 12:33 | 15  | *  | *  | *  | * |
| 25 | 85   | 83  | 89  | 102 | 117 | 130 | 137 | 136 | 124 | 104 | 79  | 56  | 37  | 29  | 33  | 48  | 70  | 94  | 115 | 130 | 134 | 128 | 116 | 100 | 2276 | 94.8 |   | 6:19  | 138  | 19:54 | 134 | *  | *  | *  | *  | *    | 0:45  | 83    | 13:10 | 29  | *  | *  | *  | * |
| 26 | 86   | 78  | 77  | 84  | 96  | 110 | 122 | 128 | 125 | 115 | 98  | 79  | 61  | 49  | 46  | 53  | 68  | 88  | 109 | 125 | 133 | 132 | 123 | 108 | 2293 | 95.5 |   | 7:15  | 128  | 20:23 | 134 | *  | *  | *  | *  | *    | 1:34  | 76    | 13:48 | 46  | *  | *  | *  | * |
| 27 | 92   | 78  | 70  | 70  | 76  | 87  | 99  | 110 | 116 | 115 | 108 | 97  | 84  | 72  | 65  | 66  | 74  | 88  | 105 | 120 | 131 | 134 | 129 | 118 | 2304 | 96.0 | U | 8:24  | 116  | 20:52 | 134 | *  | *  | *  | *  | *    | 2:33  | 69    | 14:26 | 64  | *  | *  | *  | * |
| 28 | 102  | 86  | 72  | 64  | 62  | 67  | 76  | 87  | 97  | 104 | 107 | 105 | 99  | 92  | 86  | 82  | 85  | 92  | 104 | 117 | 128 | 134 | 134 | 127 | 2309 | 96.2 |   | 10: 3 | 107  | 21:27 | 135 | *  | *  | *  | *  | *    | 3:44  | 62    | 15: 7 | 82  | *  | *  | *  | * |
| 29 | 114  | 98  | 81  | 67  | 57  | 53  | 55  | 63  | 73  | 85  | 95  | 102 | 106 | 106 | 103 | 100 | 98  | 100 | 106 | 114 | 124 | 132 | 136 | 134 | 2302 | 95.9 |   | 12:30 | 106  | 22:11 | 136 | *  | *  | *  | *  | *    | 5: 6  | 53    | 16: 2 | 98  | *  | *  | *  | * |
| 30 | 126  | 113 | 97  | 79  | 62  | 49  | 43  | 44  | 50  | 62  | 76  | 90  | 102 | 110 | 114 | 114 | 112 | 110 | 110 | 113 | 119 | 127 | 133 | 136 | 2291 | 95.5 |   | 14:29 | 115  | 23:12 | 136 | *  | *  | *  | *  | *    | 6:26  | 43    | 17:29 | 109 | *  | *  | *  | * |
| 31 | 135  | 127 | 114 | 96  | 76  | 57  | 41  | 33  | 33  | 40  | 54  | 71  | 90  | 106 | 118 | 123 | 123 | 120 | 116 | 114 | 115 | 120 | 127 | 133 | 2282 | 95.1 |   | 15:30 | 124  | *     | *   | *  | *  | *  | *  | 7:32 | 32    | 19: 9 | 114   | *   | *  | *  | *  |   |

| N   | Sum   | Mean | 推算月最高潮位  |     |    | 推算月最低潮位  |    |    |
|-----|-------|------|----------|-----|----|----------|----|----|
|     |       |      | 起時       | 潮位  | 回数 | 起時       | 潮位 | 回数 |
| 744 | 68987 | 92.7 | 23日4時42分 | 149 | 2  | 6日10時47分 | -1 | 1  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 鹿島

緯度: 35 °56 N

経度: 140 °42 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020 年 8 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |       |   |       |      |       |     | 干潮 |    |      |    |       |     |       |     |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---|-------|------|-------|-----|----|----|------|----|-------|-----|-------|-----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均   | 月 | 時刻    | 潮位   | 時刻    | 潮位  | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 138  | 137 | 130 | 116 | 96  | 73  | 50  | 33  | 24  | 24  | 34  | 51  | 72  | 95  | 113 | 126 | 131 | 129 | 123 | 116 | 112 | 112 | 117 | 126 | 2278 | 94.9  |   | 0:25  | 138  | 16:10 | 131 | *  | *  | *    | *  | 8:28  | 22  | 20:25 | 111 | *  | *  | *  | *  |
| 2  | 135  | 141 | 141 | 133 | 117 | 93  | 67  | 43  | 25  | 16  | 19  | 33  | 54  | 79  | 103 | 122 | 132 | 134 | 129 | 120 | 111 | 106 | 108 | 115 | 2276 | 94.8  |   | 1:33  | 142  | 16:43 | 135 | *  | *  | *    | *  | 9:15  | 16  | 21:18 | 106 | *  | *  | *  | *  |
| 3  | 126  | 137 | 145 | 144 | 134 | 115 | 89  | 60  | 35  | 18  | 13  | 20  | 37  | 62  | 89  | 113 | 129 | 136 | 134 | 125 | 113 | 103 | 100 | 103 | 2280 | 95.0  |   | 2:29  | 146  | 17:13 | 136 | *  | *  | *    | *  | 9:56  | 13  | 22:0  | 100 | *  | *  | *  | *  |
| 4  | 114  | 128 | 141 | 148 | 146 | 132 | 110 | 81  | 52  | 29  | 15  | 14  | 26  | 48  | 74  | 101 | 122 | 135 | 136 | 129 | 117 | 104 | 94  | 93  | 2289 | 95.4  | F | 3:17  | 149  | 17:40 | 137 | *  | *  | *    | *  | 10:33 | 13  | 22:38 | 93  | *  | *  | *  | *  |
| 5  | 101  | 115 | 131 | 144 | 150 | 144 | 127 | 101 | 72  | 45  | 25  | 17  | 22  | 38  | 63  | 89  | 114 | 130 | 136 | 132 | 121 | 106 | 93  | 87  | 2303 | 96.0  |   | 4:1   | 150  | 18:4  | 136 | *  | *  | *    | *  | 11:7  | 16  | 23:13 | 86  | *  | *  | *  | *  |
| 6  | 89   | 101 | 117 | 134 | 145 | 147 | 138 | 118 | 91  | 64  | 40  | 26  | 24  | 34  | 55  | 80  | 105 | 124 | 135 | 134 | 125 | 111 | 95  | 84  | 2316 | 96.5  |   | 4:41  | 148  | 18:28 | 136 | *  | *  | *    | *  | 11:39 | 23  | 23:48 | 81  | *  | *  | *  | *  |
| 7  | 81   | 88  | 102 | 120 | 135 | 143 | 141 | 128 | 107 | 82  | 58  | 40  | 32  | 37  | 52  | 73  | 97  | 118 | 132 | 135 | 129 | 116 | 100 | 85  | 2331 | 97.1  |   | 5:20  | 144  | 18:50 | 135 | *  | *  | *    | *  | 12:8  | 32  | *     | *   | *  | *  | *  | *  |
| 8  | 77   | 78  | 88  | 104 | 120 | 133 | 138 | 132 | 117 | 97  | 75  | 56  | 45  | 44  | 53  | 71  | 92  | 113 | 128 | 135 | 132 | 121 | 106 | 90  | 2345 | 97.7  |   | 5:59  | 138  | 19:12 | 135 | *  | *  | *    | *  | 0:23  | 76  | 12:35 | 43  | *  | *  | *  | *  |
| 9  | 78   | 73  | 77  | 88  | 104 | 118 | 128 | 129 | 122 | 107 | 89  | 72  | 60  | 55  | 60  | 72  | 90  | 108 | 124 | 133 | 134 | 126 | 112 | 96  | 2355 | 98.1  |   | 6:40  | 130  | 19:33 | 135 | *  | *  | *    | *  | 1:2   | 73  | 13:1  | 55  | *  | *  | *  | *  |
| 10 | 82   | 72  | 71  | 76  | 88  | 101 | 113 | 120 | 119 | 112 | 100 | 86  | 75  | 69  | 69  | 77  | 90  | 106 | 120 | 130 | 134 | 129 | 119 | 104 | 2362 | 98.4  |   | 7:27  | 120  | 19:56 | 134 | *  | *  | *    | *  | 1:44  | 70  | 13:25 | 68  | *  | *  | *  | *  |
| 11 | 89   | 77  | 69  | 69  | 74  | 84  | 96  | 106 | 111 | 110 | 105 | 97  | 89  | 83  | 81  | 85  | 93  | 105 | 117 | 127 | 132 | 131 | 124 | 112 | 2366 | 98.6  |   | 8:25  | 111  | 20:20 | 133 | *  | *  | *    | *  | 2:35  | 68  | 13:49 | 81  | *  | *  | *  | *  |
| 12 | 98   | 84  | 73  | 67  | 66  | 70  | 79  | 88  | 97  | 103 | 104 | 103 | 99  | 96  | 94  | 95  | 99  | 106 | 115 | 123 | 129 | 131 | 127 | 119 | 2365 | 98.5  | L | 9:55  | 104  | 20:50 | 131 | *  | *  | *    | *  | 3:39  | 66  | 14:13 | 94  | *  | *  | *  | *  |
| 13 | 108  | 95  | 81  | 70  | 63  | 61  | 64  | 71  | 80  | 90  | 97  | 102 | 105 | 106 | 105 | 105 | 106 | 110 | 114 | 120 | 125 | 129 | 129 | 125 | 2361 | 98.4  |   | 21:31 | 129  | *     | *   | *  | *  | 4:56 | 61 | *     | *   | *     | *   | *  | *  |    |    |
| 14 | 117  | 106 | 93  | 79  | 66  | 57  | 53  | 54  | 61  | 72  | 84  | 96  | 105 | 111 | 115 | 116 | 115 | 115 | 116 | 118 | 121 | 125 | 127 | 128 | 2350 | 97.9  |   | 15:3  | 116  | 22:42 | 128 | *  | *  | *    | *  | 6:12  | 53  | 17:2  | 115 | *  | *  | *  | *  |
| 15 | 125  | 118 | 107 | 92  | 76  | 60  | 48  | 42  | 44  | 53  | 66  | 82  | 98  | 111 | 120 | 124 | 124 | 122 | 119 | 117 | 117 | 120 | 124 | 128 | 2337 | 97.4  |   | 15:29 | 125  | *     | *   | *  | *  | 7:16 | 42 | 19:25 | 117 | *     | *   | *  | *  |    |    |
| 16 | 130  | 129 | 122 | 109 | 91  | 70  | 51  | 37  | 31  | 34  | 46  | 64  | 85  | 104 | 120 | 129 | 132 | 129 | 123 | 118 | 114 | 114 | 117 | 124 | 2323 | 96.8  |   | 0:12  | 130  | 15:55 | 132 | *  | *  | *    | *  | 8:9   | 30  | 20:33 | 113 | *  | *  | *  | *  |
| 17 | 131  | 136 | 135 | 127 | 110 | 87  | 62  | 40  | 25  | 20  | 27  | 43  | 66  | 91  | 113 | 129 | 137 | 136 | 129 | 120 | 112 | 108 | 109 | 116 | 2309 | 96.2  |   | 1:24  | 136  | 16:23 | 137 | *  | *  | *    | *  | 8:56  | 20  | 21:16 | 107 | *  | *  | *  | *  |
| 18 | 126  | 137 | 143 | 142 | 130 | 109 | 82  | 54  | 30  | 15  | 13  | 24  | 46  | 73  | 101 | 124 | 137 | 141 | 135 | 124 | 112 | 103 | 100 | 105 | 2306 | 96.1  |   | 2:21  | 144  | 16:51 | 141 | *  | *  | *    | *  | 9:39  | 12  | 21:53 | 100 | *  | *  | *  | *  |
| 19 | 116  | 130 | 143 | 150 | 147 | 131 | 106 | 75  | 45  | 22  | 10  | 13  | 29  | 55  | 85  | 113 | 133 | 142 | 140 | 129 | 115 | 101 | 92  | 92  | 2314 | 96.4  | N | 3:12  | 150  | 17:18 | 143 | *  | *  | *    | *  | 10:19 | #9  | 22:29 | 91  | *  | *  | *  | *  |
| 20 | 101  | 117 | 135 | 149 | 155 | 148 | 129 | 101 | 69  | 39  | 19  | 12  | 20  | 41  | 69  | 99  | 125 | 140 | 143 | 135 | 119 | 102 | 87  | 81  | 2335 | 97.3  |   | 4:0   | #155 | 17:44 | 143 | *  | *  | *    | *  | 10:57 | 12  | 23:6  | 81  | *  | *  | *  | *  |
| 21 | 85   | 99  | 118 | 137 | 151 | 155 | 145 | 124 | 95  | 64  | 38  | 22  | 21  | 35  | 59  | 87  | 115 | 135 | 143 | 139 | 125 | 106 | 87  | 74  | 2359 | 98.3  |   | 4:48  | #155 | 18:9  | 143 | *  | *  | *    | *  | 11:34 | 20  | 23:44 | 71  | *  | *  | *  | *  |
| 22 | 71   | 80  | 97  | 117 | 137 | 149 | 150 | 139 | 117 | 90  | 63  | 43  | 34  | 38  | 55  | 80  | 106 | 129 | 142 | 142 | 132 | 113 | 92  | 73  | 2389 | 99.5  |   | 5:36  | 151  | 18:33 | 144 | *  | *  | *    | *  | 12:9  | 33  | *     | *   | *  | *  | *  | *  |
| 23 | 63   | 64  | 75  | 94  | 114 | 132 | 142 | 141 | 130 | 111 | 88  | 67  | 53  | 51  | 60  | 79  | 102 | 123 | 139 | 144 | 138 | 122 | 101 | 79  | 2412 | 100.5 |   | 6:26  | 143  | 18:56 | 144 | *  | *  | *    | *  | 0:25  | 62  | 12:42 | 50  | *  | *  | *  | *  |
| 24 | 63   | 56  | 59  | 72  | 89  | 108 | 123 | 131 | 130 | 121 | 106 | 89  | 76  | 69  | 72  | 83  | 101 | 120 | 136 | 144 | 142 | 130 | 112 | 91  | 2423 | 101.0 |   | 7:22  | 132  | 19:19 | 145 | *  | *  | *    | *  | 1:10  | 56  | 13:13 | 69  | *  | *  | *  | *  |
| 25 | 71   | 57  | 52  | 56  | 68  | 83  | 99  | 112 | 119 | 119 | 114 | 105 | 95  | 88  | 87  | 92  | 104 | 118 | 132 | 142 | 144 | 137 | 123 | 105 | 2422 | 100.9 |   | 8:31  | 120  | 19:45 | 144 | *  | *  | *    | *  | 2:1   | 52  | 13:41 | 86  | *  | *  | *  | *  |
| 26 | 85   | 67  | 56  | 51  | 54  | 63  | 75  | 88  | 100 | 107 | 111 | 110 | 107 | 104 | 102 | 103 | 109 | 118 | 128 | 137 | 142 | 140 | 132 | 118 | 2407 | 100.3 | U | 10:21 | 111  | 20:15 | 142 | *  | *  | *    | *  | 3:5   | 51  | 14:7  | 102 | *  | *  | *  | *  |
| 27 | 102  | 84  | 68  | 57  | 51  | 51  | 57  | 66  | 78  | 89  | 99  | 107 | 111 | 113 | 114 | 114 | 115 | 119 | 125 | 131 | 136 | 138 | 135 | 128 | 2388 | 99.5  |   | 20:57 | 138  | *     | *   | *  | *  | 4:28 | 50 | *     | *   | *     | *   | *  | *  |    |    |
| 28 | 117  | 103 | 87  | 72  | 59  | 50  | 47  | 50  | 57  | 69  | 82  | 96  | 108 | 117 | 122 | 123 | 122 | 122 | 122 | 124 | 127 | 131 | 133 | 132 | 2372 | 98.8  |   | 15:4  | 123  | 22:20 | 133 | *  | *  | *    | *  | 6:2   | 47  | 17:19 | 122 | *  | *  | *  | *  |
| 29 | 128  | 120 | 108 | 92  | 75  | 59  | 47  | 41  | 42  | 50  | 64  | 81  | 98  | 113 | 124 | 129 | 129 | 125 | 121 | 118 | 118 | 120 | 125 | 130 | 2357 | 98.2  |   | 15:26 | 130  | *     | *   | *  | *  | 7:19 | 41 | 19:36 | 117 | *     | *   | *  | *  |    |    |
| 30 | 133  | 132 | 125 | 113 | 95  | 75  | 56  | 42  | 35  | 37  | 47  | 64  | 85  | 105 | 122 | 132 | 134 | 130 | 122 | 114 | 109 | 108 | 113 | 121 | 2349 | 97.9  |   | 0:20  | 133  | 15:49 | 134 | *  | *  | *    | *  | 8:17  | 35  | 20:36 | 108 | *  | *  | *  | *  |
| 31 | 130  | 136 | 137 | 131 | 116 | 95  | 72  | 51  | 36  | 30  | 35  | 50  | 71  | 94  | 116 | 131 | 137 | 135 | 126 | 114 | 103 | 98  | 100 | 108 | 2352 | 98.0  |   | 1:40  | 138  | 16:12 | 138 | *  | *  | *    | *  | 9:2   | 30  | 21:16 | 98  | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位  |     |    | 推算月最低潮位   |    |    |
|----------|--------------|---------------|----------|-----|----|-----------|----|----|
|          |              |               | 起時       | 潮位  | 回数 | 起時        | 潮位 | 回数 |
| 744      | 72731        | 97.8          | 21日4時48分 | 155 | 2  | 19日10時19分 | 9  | 1  |





推算潮位（毎時・満干潮）

地点名：鹿島

緯度：35°56' N

経度：140°42' E

潮位表基準面の零点：平均海面下 89.0(cm)

2020 年 10 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |       |   |       |      |       |      | 干潮 |    |    |    |    |    |    |    |       |      |       |     |    |    |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---|-------|------|-------|------|----|----|----|----|----|----|----|----|-------|------|-------|-----|----|----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均   | 月 | 時刻    | 潮位   | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 | 時刻    | 潮位   | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 99   | 118 | 134 | 143 | 142 | 129 | 110 | 87  | 66  | 52  | 49  | 57  | 75  | 97  | 119 | 136 | 142 | 138 | 123 | 103 | 82  | 66  | 60  | 66  | 2393 | 99.7  |   | 3:21  | 144  | 16:5  | 142  | *  | *  | *  | *  |    |    |    |    | 9:45  | 49   | 21:59 | 60  | *  | *  | *  | *  |    |    |
| 2  | 82   | 104 | 125 | 141 | 147 | 141 | 125 | 103 | 80  | 62  | 54  | 57  | 71  | 91  | 114 | 133 | 143 | 142 | 129 | 109 | 86  | 65  | 53  | 54  | 2411 | 100.5 | F | 3:59  | 147  | 16:24 | 144  | *  | *  | *  | *  |    |    |    |    | 10:14 | 54   | 22:28 | 52  | *  | *  | *  | *  |    |    |
| 3  | 66   | 87  | 111 | 133 | 146 | 147 | 137 | 118 | 96  | 76  | 63  | 61  | 70  | 88  | 109 | 129 | 142 | 145 | 135 | 116 | 92  | 68  | 51  | 45  | 2431 | 101.3 |   | 4:36  | 148  | 16:42 | 145  | *  | *  | *  | *  |    |    |    |    | 10:41 | 60   | 22:57 | 45  | *  | *  | *  | *  |    |    |
| 4  | 52   | 70  | 95  | 119 | 138 | 146 | 143 | 129 | 110 | 91  | 75  | 69  | 73  | 87  | 106 | 125 | 140 | 146 | 140 | 123 | 100 | 75  | 54  | 42  | 2448 | 102.0 |   | 5:12  | 146  | 17:0  | 146  | *  | *  | *  | *  |    |    |    |    | 11:7  | 69   | 23:26 | 41  | *  | *  | *  | *  |    |    |
| 5  | 43   | 56  | 78  | 102 | 125 | 139 | 143 | 136 | 121 | 104 | 88  | 79  | 79  | 88  | 104 | 122 | 137 | 145 | 143 | 130 | 108 | 84  | 60  | 44  | 2458 | 102.4 |   | 5:49  | 143  | 17:18 | 146  | *  | *  | *  | *  |    |    |    |    | 11:31 | 77   | 23:56 | 39  | *  | *  | *  | *  |    |    |
| 6  | 39   | 46  | 63  | 85  | 109 | 127 | 137 | 136 | 128 | 114 | 100 | 89  | 86  | 91  | 103 | 119 | 133 | 143 | 144 | 135 | 117 | 94  | 70  | 51  | 2459 | 102.5 |   | 6:27  | 138  | 17:36 | 145  | *  | *  | *  | *  |    |    |    |    | 11:53 | 86   | *     | *   | *  | *  | *  | *  | *  | *  |
| 7  | 40   | 41  | 52  | 70  | 92  | 112 | 126 | 132 | 129 | 120 | 109 | 100 | 95  | 97  | 105 | 117 | 130 | 139 | 142 | 137 | 123 | 103 | 81  | 61  | 2453 | 102.2 |   | 7:9   | 132  | 17:55 | 142  | *  | *  | *  | *  |    |    |    |    | 0:28  | 39   | 12:15 | 95  | *  | *  | *  | *  |    |    |
| 8  | 47   | 42  | 46  | 58  | 76  | 95  | 111 | 121 | 125 | 122 | 116 | 108 | 104 | 103 | 108 | 116 | 126 | 135 | 139 | 137 | 128 | 112 | 93  | 74  | 2442 | 101.8 |   | 8:0   | 125  | 18:13 | 139  | *  | *  | *  | *  |    |    |    |    | 1:3   | 42   | 12:37 | 103 | *  | *  | *  | *  |    |    |
| 9  | 59   | 49  | 46  | 52  | 63  | 78  | 93  | 106 | 115 | 118 | 118 | 115 | 112 | 110 | 112 | 117 | 123 | 130 | 134 | 134 | 129 | 118 | 104 | 88  | 2423 | 101.0 |   | 9:15  | 118  | 18:32 | 134  | *  | *  | *  | *  |    |    |    |    | 1:47  | 46   | 12:57 | 110 | *  | *  | *  | *  |    |    |
| 10 | 73   | 61  | 53  | 51  | 55  | 64  | 76  | 89  | 100 | 109 | 115 | 117 | 118 | 118 | 118 | 119 | 122 | 125 | 127 | 128 | 126 | 121 | 113 | 102 | 2400 | 100.0 | L | 18:52 | 128  | *     | *    | *  | *  | *  | *  | *  |    |    |    |       | 2:50 | 51    | *   | *  | *  | *  | *  | *  |    |
| 11 | 90   | 77  | 66  | 58  | 54  | 55  | 60  | 70  | 82  | 95  | 106 | 115 | 121 | 124 | 124 | 122 | 121 | 120 | 120 | 120 | 119 | 117 | 112 |     | 2372 | 98.8  |   | 13:51 | 124  | *     | *    | *  | *  | *  | *  | *  |    |    |    |       | 4:22 | 53    | *   | *  | *  | *  | *  | *  |    |
| 12 | 106  | 96  | 85  | 73  | 61  | 53  | 50  | 54  | 63  | 77  | 92  | 107 | 119 | 127 | 130 | 129 | 125 | 119 | 113 | 110 | 109 | 111 | 114 | 117 | 2340 | 97.5  |   | 14:10 | 130  | 23:45 | 118  | *  | *  | *  | *  |    |    |    |    | 5:57  | 50   | 19:45 | 109 | *  | *  | *  | *  |    |    |
| 13 | 118  | 115 | 107 | 94  | 78  | 62  | 50  | 45  | 48  | 59  | 76  | 95  | 113 | 127 | 135 | 135 | 129 | 119 | 108 | 100 | 96  | 98  | 104 | 113 | 2324 | 96.8  |   | 14:31 | 136  | *     | *    | *  | *  | *  | *  |    |    |    |    | 7:8   | 45   | 20:11 | 96  | *  | *  | *  | *  |    |    |
| 14 | 122  | 128 | 127 | 117 | 101 | 81  | 61  | 46  | 41  | 46  | 60  | 81  | 103 | 123 | 136 | 140 | 134 | 122 | 106 | 91  | 81  | 80  | 87  | 100 | 2314 | 96.4  |   | 1:21  | 128  | 14:53 | 140  | *  | *  | *  | *  |    |    |    |    | 8:2   | 41   | 20:41 | 79  | *  | *  | *  | *  |    |    |
| 15 | 116  | 131 | 139 | 138 | 126 | 106 | 82  | 60  | 45  | 41  | 49  | 68  | 92  | 116 | 135 | 143 | 140 | 127 | 108 | 87  | 70  | 62  | 65  | 79  | 2325 | 96.9  |   | 2:23  | 140  | 15:15 | 144  | *  | *  | *  | *  |    |    |    |    | 8:48  | 41   | 21:13 | 61  | *  | *  | *  | *  |    |    |
| 16 | 99   | 121 | 140 | 149 | 146 | 131 | 108 | 82  | 60  | 47  | 48  | 61  | 82  | 108 | 131 | 145 | 146 | 135 | 114 | 89  | 64  | 48  | 44  | 54  | 2352 | 98.0  |   | 3:16  | 149  | 15:38 | 147  | *  | *  | *  | *  |    |    |    |    | 9:29  | 46   | 21:48 | 44  | *  | *  | *  | *  |    |    |
| 17 | 74   | 100 | 127 | 147 | 155 | 150 | 132 | 108 | 83  | 64  | 56  | 61  | 78  | 101 | 126 | 144 | 151 | 144 | 124 | 97  | 68  | 43  | 30  | 32  | 2395 | 99.8  | N | 4:6   | 155  | 16:0  | 151  | *  | *  | *  | *  |    |    |    |    | 10:6  | 56   | 22:24 | 29  | *  | *  | *  | *  |    |    |
| 18 | 47   | 73  | 103 | 131 | 149 | 155 | 148 | 130 | 108 | 86  | 71  | 69  | 79  | 98  | 121 | 141 | 153 | 152 | 136 | 110 | 79  | 49  | 27  | 19  | 2434 | 101.4 |   | 4:56  | #156 | 16:24 | 154  | *  | *  | *  | *  |    |    |    |    | 10:41 | 68   | 23:2  | 19  | *  | *  | *  | *  |    |    |
| 19 | 26   | 46  | 75  | 105 | 131 | 147 | 151 | 143 | 126 | 107 | 90  | 82  | 85  | 99  | 118 | 138 | 152 | 156 | 146 | 124 | 95  | 63  | 35  | 18  | 2458 | 102.4 |   | 5:46  | 151  | 16:48 | #156 | *  | *  | *  | *  |    |    |    |    | 11:14 | 82   | 23:41 | #14 | *  | *  | *  | *  |    |    |
| 20 | 15   | 27  | 49  | 77  | 106 | 128 | 141 | 143 | 135 | 122 | 108 | 97  | 94  | 102 | 116 | 133 | 148 | 156 | 152 | 137 | 112 | 82  | 52  | 29  | 2461 | 102.5 |   | 6:39  | 144  | 17:13 | #156 | *  | *  | *  | *  |    |    |    |    | 11:45 | 94   | *     | *   | *  | *  | *  | *  |    |    |
| 21 | 18   | 19  | 33  | 55  | 80  | 104 | 123 | 132 | 134 | 128 | 119 | 109 | 104 | 106 | 115 | 128 | 142 | 151 | 153 | 144 | 125 | 100 | 74  | 49  | 2445 | 101.9 |   | 7:38  | 134  | 17:40 | 153  | *  | *  | *  | *  |    |    |    |    | 0:23  | 17   | 12:15 | 104 | *  | *  | *  | *  |    |    |
| 22 | 32   | 25  | 28  | 41  | 60  | 81  | 101 | 115 | 123 | 125 | 122 | 117 | 113 | 111 | 115 | 123 | 133 | 142 | 146 | 144 | 133 | 115 | 93  | 72  | 2410 | 100.4 |   | 8:50  | 125  | 18:9  | 147  | *  | *  | *  | *  |    |    |    |    | 1:8   | 25   | 12:46 | 111 | *  | *  | *  | *  |    |    |
| 23 | 53   | 40  | 36  | 40  | 50  | 65  | 81  | 96  | 108 | 116 | 120 | 120 | 118 | 116 | 119 | 125 | 131 | 135 | 136 | 132 | 122 | 108 | 92  |     | 2375 | 99.0  | U | 10:34 | 120  | 18:41 | 137  | *  | *  | *  | *  |    |    |    |    | 2:1   | 36   | 13:28 | 116 | *  | *  | *  | *  |    |    |
| 24 | 75   | 61  | 52  | 48  | 49  | 56  | 67  | 80  | 93  | 104 | 113 | 118 | 121 | 121 | 119 | 118 | 118 | 120 | 122 | 124 | 124 | 121 | 114 | 105 | 2343 | 97.6  |   | 12:25 | 121  | 19:28 | 124  | *  | *  | *  | *  |    |    |    |    | 3:11  | 48   | 15:26 | 118 | *  | *  | *  | *  |    |    |
| 25 | 95   | 83  | 72  | 63  | 57  | 56  | 60  | 68  | 79  | 91  | 104 | 114 | 121 | 124 | 123 | 119 | 115 | 111 | 109 | 109 | 110 | 112 | 113 | 112 | 2320 | 96.7  |   | 13:15 | 124  | 21:58 | 113  | *  | *  | *  | *  |    |    |    |    | 4:44  | 56   | 18:27 | 109 | *  | *  | *  | *  |    |    |
| 26 | 108  | 102 | 93  | 82  | 71  | 63  | 60  | 62  | 69  | 80  | 94  | 108 | 119 | 126 | 128 | 123 | 116 | 106 | 99  | 95  | 95  | 98  | 104 | 110 | 2311 | 96.3  |   | 13:44 | 128  | *     | *    | *  | *  | *  | *  |    |    |    |    | 6:11  | 60   | 19:29 | 94  | *  | *  | *  | *  |    |    |
| 27 | 114  | 114 | 110 | 101 | 89  | 76  | 66  | 61  | 63  | 71  | 84  | 100 | 115 | 127 | 131 | 129 | 120 | 107 | 93  | 84  | 80  | 82  | 90  | 101 | 2308 | 96.2  |   | 0:36  | 115  | 14:9  | 132  | *  | *  | *  | *  |    |    |    |    | 7:14  | 61   | 20:5  | 80  | *  | *  | *  | *  |    |    |
| 28 | 112  | 120 | 122 | 117 | 106 | 91  | 77  | 66  | 62  | 66  | 77  | 93  | 110 | 125 | 134 | 134 | 126 | 111 | 93  | 77  | 67  | 66  | 74  | 88  | 2314 | 96.4  |   | 1:48  | 122  | 14:31 | 135  | *  | *  | *  | *  |    |    |    |    | 8:1   | 62   | 20:37 | 66  | *  | *  | *  | *  |    |    |
| 29 | 104  | 119 | 128 | 129 | 122 | 108 | 91  | 76  | 66  | 64  | 72  | 86  | 105 | 122 | 135 | 138 | 132 | 117 | 96  | 76  | 60  | 53  | 57  | 71  | 2327 | 97.0  |   | 2:38  | 130  | 14:52 | 139  | *  | *  | *  | *  |    |    |    |    | 8:39  | 64   | 21:6  | 53  | *  | *  | *  | *  |    |    |
| 30 | 90   | 111 | 127 | 136 | 134 | 123 | 107 | 89  | 74  | 68  | 70  | 82  | 99  | 118 | 134 | 141 | 138 | 124 | 103 | 78  | 57  | 44  | 43  | 54  | 2344 | 97.7  |   | 3:20  | 136  | 15:13 | 141  | *  | *  | *  | *  |    |    |    |    | 9:13  | 67   | 21:35 | 42  | *  | *  | *  | *  |    |    |
| 31 | 74   | 98  | 120 | 136 | 141 | 135 | 121 | 103 | 86  | 75  | 73  | 80  | 95  | 114 | 131 | 142 | 142 | 131 | 111 | 85  | 59  | 40  | 33  | 39  | 2364 | 98.5  | F | 3:58  | 141  | 15:33 | 144  | *  | *  | *  | *  |    |    |    |    | 9:44  | 72   | 22:4  | 33  | *  | *  | *  | *  |    |    |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|-------------|-----|----|-------------|----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時          | 潮位 | 回数 |
| 744      | 73954        | 99.4          | 20日 17時 13分 | 156 | 3  | 19日 23時 41分 | 14 | 1  |

推算潮位 (毎時・満干潮)

地点名: 鹿島

緯度: 35 °56 N

経度: 140 °42 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020 年 11 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮   |       |   |       |     |       |      |    | 干潮 |      |    |       |     |       |      |    |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---|-------|-----|-------|------|----|----|------|----|-------|-----|-------|------|----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均   | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 | 時刻 |
| 1  | 56   | 81  | 107 | 129 | 141 | 142 | 133 | 117 | 100 | 85  | 78  | 81  | 93  | 110 | 128 | 141 | 145 | 138 | 119 | 94  | 66  | 42  | 28  | 28  | 2382 | 99.3  |   | 4:35  | 143 | 15:53 | 145  | *  | *  | *    | *  | 10:13 | 78  | 22:33 | 26   | *  | *  | *  | *  |    |
| 2  | 40   | 63  | 90  | 116 | 135 | 143 | 140 | 128 | 112 | 97  | 87  | 85  | 93  | 107 | 124 | 138 | 146 | 142 | 128 | 104 | 76  | 49  | 30  | 22  | 2395 | 99.8  |   | 5:11  | 143 | 16:13 | 146  | *  | *  | *    | *  | 10:40 | 84  | 23: 2 | 22   | *  | *  | *  | *  |    |
| 3  | 29   | 47  | 73  | 100 | 123 | 138 | 141 | 134 | 122 | 107 | 96  | 91  | 94  | 105 | 120 | 135 | 144 | 145 | 134 | 114 | 87  | 60  | 37  | 23  | 2399 | 100.0 |   | 5:48  | 141 | 16:34 | 146  | *  | *  | *    | *  | 11: 6 | 91  | 23:32 | 21   | *  | *  | *  | *  |    |
| 4  | 23   | 35  | 57  | 83  | 108 | 127 | 136 | 136 | 128 | 116 | 104 | 97  | 97  | 104 | 116 | 130 | 141 | 144 | 138 | 122 | 99  | 72  | 48  | 30  | 2391 | 99.6  |   | 6:26  | 137 | 16:55 | 144  | *  | *  | *    | *  | 11:32 | 96  | *     | *    | *  | *  | *  | *  |    |
| 5  | 23   | 28  | 44  | 66  | 91  | 112 | 127 | 132 | 130 | 122 | 112 | 104 | 102 | 105 | 114 | 125 | 135 | 141 | 139 | 128 | 109 | 86  | 62  | 42  | 2379 | 99.1  |   | 7: 9  | 132 | 17:17 | 141  | *  | *  | *    | *  | 0: 4  | 23  | 11:58 | 102  | *  | *  | *  | *  |    |
| 6  | 30   | 28  | 36  | 53  | 74  | 95  | 113 | 124 | 127 | 124 | 118 | 111 | 107 | 107 | 113 | 121 | 129 | 136 | 137 | 131 | 117 | 98  | 77  | 57  | 2363 | 98.5  |   | 7:59  | 127 | 17:40 | 137  | *  | *  | *    | *  | 0:40  | 27  | 12:27 | 107  | *  | *  | *  | *  |    |
| 7  | 42   | 34  | 35  | 44  | 59  | 78  | 96  | 110 | 119 | 122 | 121 | 117 | 113 | 112 | 113 | 117 | 123 | 128 | 131 | 129 | 121 | 108 | 92  | 74  | 2338 | 97.4  |   | 9: 8  | 122 | 18: 6 | 131  | *  | *  | *    | *  | 1:23  | 33  | 13: 5 | 112  | *  | *  | *  | *  |    |
| 8  | 58   | 47  | 41  | 42  | 50  | 62  | 78  | 94  | 107 | 116 | 120 | 121 | 119 | 117 | 115 | 116 | 117 | 120 | 122 | 122 | 119 | 113 | 103 | 91  | 2310 | 96.3  | L | 10:44 | 121 | 18:38 | 122  | *  | *  | *    | *  | 2:20  | 41  | 14:24 | 115  | *  | *  | *  | *  |    |
| 9  | 78   | 65  | 54  | 48  | 48  | 53  | 63  | 76  | 91  | 105 | 115 | 121 | 123 | 122 | 119 | 116 | 113 | 111 | 110 | 111 | 112 | 111 | 109 | 104 | 2278 | 94.9  |   | 12:10 | 123 | 20:19 | 112  | *  | *  | *    | *  | 3:38  | 47  | 17:52 | 110  | *  | *  | *  | *  |    |
| 10 | 96   | 86  | 75  | 63  | 55  | 51  | 54  | 62  | 75  | 91  | 106 | 118 | 125 | 128 | 125 | 118 | 110 | 103 | 98  | 96  | 97  | 101 | 106 | 110 | 2249 | 93.7  |   | 12:55 | 128 | 23:40 | 110  | *  | *  | *    | *  | 5: 7  | 51  | 19: 2 | 96   | *  | *  | *  | *  |    |
| 11 | 110  | 106 | 98  | 85  | 72  | 60  | 54  | 55  | 63  | 77  | 95  | 111 | 124 | 131 | 131 | 123 | 112 | 98  | 86  | 79  | 78  | 83  | 93  | 105 | 2229 | 92.9  |   | 13:26 | 132 | *     | *    | *  | *  | 6:23 | 53 | 19:39 | 78  | *     | *    | *  | *  |    |    |    |
| 12 | 115  | 120 | 119 | 110 | 95  | 79  | 64  | 57  | 58  | 68  | 84  | 103 | 121 | 133 | 136 | 131 | 117 | 98  | 79  | 65  | 58  | 61  | 72  | 88  | 2231 | 93.0  |   | 1:18  | 120 | 13:53 | 137  | *  | *  | *    | *  | 7:23  | 56  | 20:14 | 58   | *  | *  | *  | *  |    |
| 13 | 107  | 123 | 131 | 130 | 120 | 103 | 84  | 69  | 62  | 65  | 77  | 95  | 116 | 132 | 141 | 139 | 126 | 104 | 80  | 57  | 42  | 38  | 46  | 64  | 2251 | 93.8  |   | 2:24  | 132 | 14:19 | 142  | *  | *  | *    | *  | 8:14  | 61  | 20:50 | 38   | *  | *  | *  | *  |    |
| 14 | 87   | 112 | 131 | 141 | 139 | 127 | 108 | 89  | 75  | 70  | 75  | 90  | 110 | 130 | 143 | 146 | 137 | 116 | 88  | 59  | 35  | 21  | 22  | 36  | 2287 | 95.3  |   | 3:20  | 141 | 14:45 | 147  | *  | *  | *    | *  | 8:58  | 70  | 21:27 | 20   | *  | *  | *  | *  |    |
| 15 | 60   | 89  | 117 | 138 | 147 | 143 | 130 | 111 | 93  | 82  | 80  | 89  | 106 | 126 | 143 | 152 | 147 | 130 | 102 | 70  | 39  | 16  | 7   | 13  | 2330 | 97.1  | N | 4:13  | 147 | 15:12 | 152  | *  | *  | *    | *  | 9:38  | 79  | 22: 6 | 7    | *  | *  | *  | *  |    |
| 16 | 32   | 61  | 93  | 121 | 141 | 148 | 143 | 130 | 112 | 97  | 89  | 92  | 104 | 122 | 140 | 153 | 155 | 143 | 120 | 88  | 53  | 23  | 4   | 0   | 2364 | 98.5  |   | 5: 4  | 148 | 15:40 | 156  | *  | *  | *    | *  | 10:16 | 89  | 22:46 | # -1 | *  | *  | *  | *  |    |
| 17 | 11   | 35  | 65  | 97  | 123 | 140 | 145 | 139 | 127 | 112 | 101 | 97  | 104 | 117 | 134 | 149 | 157 | 152 | 135 | 108 | 74  | 41  | 15  | 1   | 2379 | 99.1  |   | 5:55  | 145 | 16:10 | #157 | *  | *  | *    | *  | 10:52 | 97  | 23:27 | # -1 | *  | *  | *  | *  |    |
| 18 | 1    | 16  | 41  | 71  | 100 | 123 | 136 | 139 | 133 | 123 | 111 | 104 | 105 | 113 | 127 | 142 | 152 | 154 | 145 | 124 | 96  | 64  | 35  | 14  | 2369 | 98.7  |   | 6:47  | 139 | 16:42 | 155  | *  | *  | *    | *  | 11:27 | 103 | *     | *    | *  | *  | *  | *  |    |
| 19 | 5    | 10  | 26  | 50  | 77  | 102 | 120 | 130 | 132 | 127 | 118 | 110 | 107 | 110 | 119 | 131 | 143 | 149 | 147 | 134 | 113 | 86  | 59  | 35  | 2340 | 97.5  |   | 7:41  | 132 | 17:16 | 150  | *  | *  | *    | *  | 0: 9  | 5   | 12: 4 | 107  | *  | *  | *  | *  |    |
| 20 | 20   | 15  | 22  | 38  | 59  | 82  | 102 | 117 | 125 | 125 | 122 | 115 | 110 | 108 | 112 | 121 | 130 | 138 | 141 | 135 | 122 | 103 | 80  | 59  | 2301 | 95.9  |   | 8:39  | 126 | 17:53 | 141  | *  | *  | *    | *  | 0:52  | 15  | 12:47 | 108  | *  | *  | *  | *  |    |
| 21 | 41   | 30  | 29  | 36  | 50  | 68  | 86  | 103 | 114 | 120 | 121 | 118 | 113 | 109 | 108 | 111 | 117 | 123 | 128 | 128 | 123 | 112 | 96  | 79  | 2263 | 94.3  |   | 9:42  | 121 | 18:34 | 129  | *  | *  | *    | *  | 1:39  | 28  | 13:46 | 108  | *  | *  | *  | *  |    |
| 22 | 63   | 50  | 43  | 43  | 49  | 60  | 74  | 90  | 103 | 113 | 118 | 119 | 117 | 113 | 108 | 106 | 106 | 109 | 112 | 115 | 115 | 111 | 104 | 94  | 2235 | 93.1  | U | 10:47 | 119 | 19:32 | 116  | *  | *  | *    | *  | 2:33  | 42  | 15:23 | 105  | *  | *  | *  | *  |    |
| 23 | 82   | 71  | 61  | 55  | 55  | 59  | 68  | 80  | 93  | 105 | 114 | 119 | 120 | 117 | 111 | 105 | 99  | 96  | 96  | 99  | 102 | 104 | 104 | 101 | 2216 | 92.3  |   | 11:43 | 120 | 21:30 | 104  | *  | *  | *    | *  | 3:39  | 54  | 17:28 | 96   | *  | *  | *  | *  |    |
| 24 | 96   | 88  | 80  | 72  | 66  | 64  | 67  | 74  | 85  | 97  | 109 | 118 | 123 | 122 | 117 | 108 | 98  | 89  | 83  | 82  | 85  | 90  | 96  | 101 | 2210 | 92.1  |   | 12:26 | 123 | *     | *    | *  | *  | 4:55 | 64 | 18:46 | 82  | *     | *    | *  | *  |    |    |    |
| 25 | 103  | 101 | 97  | 89  | 80  | 73  | 70  | 72  | 79  | 90  | 103 | 115 | 123 | 127 | 123 | 114 | 101 | 87  | 75  | 68  | 68  | 73  | 83  | 93  | 2207 | 92.0  |   | 0: 8  | 103 | 13: 0 | 127  | *  | *  | *    | *  | 6: 7  | 70  | 19:32 | 67   | *  | *  | *  | *  |    |
| 26 | 103  | 109 | 109 | 105 | 96  | 87  | 78  | 75  | 77  | 85  | 97  | 111 | 122 | 129 | 129 | 122 | 107 | 89  | 71  | 58  | 53  | 56  | 66  | 81  | 2215 | 92.3  |   | 1:37  | 110 | 13:30 | 130  | *  | *  | *    | *  | 7: 7  | 75  | 20: 9 | 53   | *  | *  | *  | *  |    |
| 27 | 96   | 109 | 117 | 117 | 112 | 101 | 90  | 82  | 79  | 83  | 93  | 106 | 120 | 130 | 134 | 129 | 115 | 95  | 73  | 54  | 42  | 40  | 48  | 64  | 2229 | 92.9  |   | 2:34  | 118 | 13:57 | 134  | *  | *  | *    | *  | 7:56  | 79  | 20:41 | 39   | *  | *  | *  | *  |    |
| 28 | 84   | 103 | 118 | 125 | 124 | 116 | 104 | 92  | 84  | 84  | 90  | 102 | 116 | 129 | 137 | 135 | 124 | 104 | 79  | 55  | 36  | 28  | 32  | 46  | 2247 | 93.6  |   | 3:20  | 126 | 14:22 | 137  | *  | *  | *    | *  | 8:37  | 83  | 21:12 | 28   | *  | *  | *  | *  |    |
| 29 | 67   | 91  | 113 | 127 | 131 | 127 | 117 | 104 | 93  | 87  | 89  | 98  | 112 | 127 | 137 | 140 | 132 | 114 | 89  | 61  | 37  | 22  | 19  | 29  | 2263 | 94.3  |   | 4: 0  | 131 | 14:47 | 140  | *  | *  | *    | *  | 9:14  | 87  | 21:43 | 18   | *  | *  | *  | *  |    |
| 30 | 49   | 75  | 101 | 122 | 133 | 134 | 127 | 115 | 102 | 93  | 91  | 97  | 108 | 123 | 136 | 142 | 139 | 124 | 100 | 72  | 44  | 22  | 12  | 16  | 2277 | 94.9  | F | 4:37  | 135 | 15:12 | 142  | *  | *  | *    | *  | 9:47  | 91  | 22:14 | 12   | *  | *  | *  | *  |    |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|-------------|-----|----|-------------|----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時          | 潮位 | 回数 |
| 720      | 68927        | 95.7          | 17日 16時 10分 | 157 | 1  | 17日 23時 27分 | -1 | 2  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 鹿島

緯度: 35 °56 N

経度: 140 °42 E

潮位表基準面の零点: 平均海面下 89.0(cm)

2020年 12月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   | 干潮    |     |       |      |    |    |      |    |       |     |       |      |    |    |    |    |   |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-----|-------|------|----|----|------|----|-------|-----|-------|------|----|----|----|----|---|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |   |
| 1  | 32   | 57  | 85  | 111 | 129 | 136 | 134 | 124 | 112 | 101 | 95  | 96  | 105 | 118 | 132 | 142 | 143 | 133 | 113 | 85  | 55  | 29  | 12  | 8   | 2287 | 95.3 |   | 5:14  | 137 | 15:37 | 144  | *  | *  | *    | *  | 10:18 | 94  | 22:46 | 8    | *  | *  | *  | *  |   |
| 2  | 19   | 40  | 68  | 96  | 119 | 132 | 136 | 130 | 120 | 108 | 99  | 97  | 102 | 113 | 127 | 139 | 144 | 139 | 123 | 99  | 69  | 41  | 19  | 8   | 2287 | 95.3 |   | 5:50  | 136 | 16: 4 | 144  | *  | *  | *    | *  | 10:49 | 97  | 23:18 | 7    | *  | *  | *  | *  |   |
| 3  | 10   | 26  | 50  | 78  | 104 | 123 | 133 | 133 | 125 | 115 | 105 | 100 | 101 | 109 | 121 | 133 | 141 | 141 | 131 | 111 | 85  | 56  | 31  | 14  | 2276 | 94.8 |   | 6:29  | 134 | 16:32 | 142  | *  | *  | *    | *  | 11:19 | 99  | 23:53 | 9    | *  | *  | *  | *  |   |
| 4  | 9    | 17  | 35  | 60  | 87  | 109 | 125 | 130 | 128 | 120 | 111 | 104 | 102 | 106 | 115 | 126 | 135 | 139 | 135 | 121 | 99  | 73  | 47  | 27  | 2260 | 94.2 |   | 7:10  | 131 | 17: 1 | 139  | *  | *  | *    | *  | 11:52 | 101 | *     | *    | *  | *  | *  | *  | * |
| 5  | 15   | 15  | 26  | 45  | 69  | 93  | 112 | 124 | 127 | 124 | 116 | 109 | 104 | 104 | 109 | 118 | 127 | 133 | 133 | 126 | 110 | 89  | 66  | 44  | 2238 | 93.3 |   | 7:56  | 127 | 17:34 | 134  | *  | *  | *    | *  | 0:31  | 13  | 12:30 | 103  | *  | *  | *  | *  |   |
| 6  | 28   | 21  | 23  | 36  | 54  | 76  | 97  | 113 | 122 | 124 | 120 | 114 | 108 | 104 | 105 | 110 | 116 | 123 | 126 | 124 | 116 | 102 | 83  | 64  | 2209 | 92.0 |   | 8:48  | 124 | 18:12 | 126  | *  | *  | *    | *  | 1:13  | 20  | 13:20 | 104  | *  | *  | *  | *  |   |
| 7  | 46   | 34  | 30  | 33  | 45  | 62  | 81  | 99  | 113 | 121 | 122 | 119 | 113 | 107 | 103 | 103 | 105 | 110 | 114 | 116 | 114 | 108 | 97  | 83  | 2178 | 90.8 |   | 9:44  | 122 | 19: 8 | 116  | *  | *  | *    | *  | 2: 2  | 30  | 14:38 | 102  | *  | *  | *  | *  |   |
| 8  | 68   | 54  | 44  | 40  | 44  | 54  | 69  | 86  | 102 | 114 | 121 | 122 | 118 | 112 | 104 | 98  | 95  | 95  | 97  | 101 | 104 | 105 | 103 | 97  | 2147 | 89.5 | L | 10:40 | 122 | 20:52 | 105  | *  | *  | *    | *  | 3: 1  | 40  | 16:33 | 95   | *  | *  | *  | *  |   |
| 9  | 88   | 76  | 65  | 56  | 52  | 54  | 62  | 76  | 91  | 106 | 117 | 123 | 123 | 118 | 109 | 98  | 88  | 82  | 79  | 81  | 86  | 93  | 99  | 102 | 2124 | 88.5 |   | 11:29 | 124 | 23:25 | 102  | *  | *  | *    | *  | 4:12  | 52  | 18: 4 | 79   | *  | *  | *  | *  |   |
| 10 | 102  | 97  | 88  | 78  | 69  | 63  | 64  | 71  | 83  | 98  | 112 | 123 | 127 | 125 | 116 | 103 | 87  | 73  | 63  | 60  | 63  | 71  | 83  | 96  | 2115 | 88.1 |   | 12:10 | 127 | *     | *    | *  | *  | 5:26 | 63 | 19: 1 | 60  | *     | *    | *  | *  |    |    |   |
| 11 | 105  | 110 | 108 | 101 | 91  | 80  | 74  | 73  | 80  | 92  | 106 | 120 | 130 | 132 | 126 | 112 | 93  | 72  | 54  | 42  | 39  | 46  | 59  | 78  | 2123 | 88.5 |   | 1:16  | 110 | 12:47 | 132  | *  | *  | *    | *  | 6:34  | 72  | 19:47 | 39   | *  | *  | *  | *  |   |
| 12 | 96   | 111 | 120 | 120 | 113 | 102 | 90  | 83  | 82  | 89  | 102 | 117 | 130 | 137 | 136 | 125 | 105 | 80  | 54  | 33  | 22  | 21  | 32  | 52  | 2152 | 89.7 |   | 2:31  | 121 | 13:22 | 138  | *  | *  | *    | *  | 7:34  | 81  | 20:31 | 20   | *  | *  | *  | *  |   |
| 13 | 76   | 100 | 119 | 129 | 129 | 121 | 109 | 97  | 90  | 91  | 99  | 112 | 127 | 139 | 144 | 138 | 121 | 95  | 65  | 36  | 15  | 5   | 9   | 25  | 2191 | 91.3 |   | 3:32  | 130 | 13:58 | 144  | *  | *  | *    | *  | 8:27  | 89  | 21:13 | 4    | *  | *  | *  | *  |   |
| 14 | 49   | 78  | 105 | 125 | 135 | 135 | 126 | 113 | 102 | 96  | 98  | 108 | 122 | 137 | 147 | 148 | 137 | 114 | 84  | 50  | 21  | 1   | -6  | 2   | 2227 | 92.8 |   | 4:26  | 136 | 14:35 | 149  | *  | *  | *    | *  | 9:14  | 95  | 21:56 | -6   | *  | *  | *  | *  |   |
| 15 | 23   | 52  | 83  | 110 | 130 | 138 | 136 | 126 | 113 | 103 | 99  | 104 | 116 | 131 | 145 | 152 | 148 | 132 | 105 | 72  | 38  | 10  | -7  | -9  | 2250 | 93.8 | N | 5:16  | 138 | 15:12 | 152  | *  | *  | *    | *  | 9:58  | 99  | 22:38 | #-10 | *  | *  | *  | *  |   |
| 16 | 4    | 28  | 58  | 89  | 115 | 131 | 137 | 133 | 123 | 111 | 103 | 101 | 109 | 122 | 137 | 149 | 153 | 145 | 125 | 95  | 61  | 29  | 5   | -7  | 2256 | 94.0 |   | 6: 2  | 137 | 15:51 | #153 | *  | *  | *    | *  | 10:39 | 101 | 23:19 | -8   | *  | *  | *  | *  |   |
| 17 | -5   | 11  | 37  | 67  | 95  | 118 | 131 | 133 | 127 | 117 | 107 | 101 | 102 | 112 | 125 | 139 | 149 | 149 | 137 | 115 | 85  | 53  | 25  | 5   | 2235 | 93.1 |   | 6:46  | 133 | 16:31 | 150  | *  | *  | *    | *  | 11:18 | 100 | 23:59 | -2   | *  | *  | *  | *  |   |
| 18 | -2   | 5   | 23  | 49  | 77  | 101 | 119 | 128 | 128 | 121 | 111 | 102 | 98  | 102 | 113 | 126 | 138 | 144 | 140 | 126 | 104 | 76  | 48  | 25  | 2202 | 91.8 |   | 7:27  | 129 | 17:11 | 144  | *  | *  | *    | *  | 11:59 | 98  | *     | *    | *  | *  | *  | *  |   |
| 19 | 11   | 10  | 19  | 38  | 62  | 86  | 107 | 120 | 124 | 122 | 114 | 105 | 97  | 96  | 101 | 111 | 123 | 132 | 135 | 129 | 114 | 93  | 69  | 47  | 2165 | 90.2 |   | 8: 5  | 124 | 17:52 | 135  | *  | *  | *    | *  | 0:39  | 9   | 12:44 | 96   | *  | *  | *  | *  |   |
| 20 | 30   | 22  | 24  | 35  | 53  | 75  | 95  | 110 | 119 | 121 | 116 | 108 | 100 | 94  | 93  | 98  | 107 | 116 | 122 | 123 | 116 | 103 | 85  | 67  | 2132 | 88.8 |   | 8:43  | 121 | 18:36 | 123  | *  | *  | *    | *  | 1:17  | 21  | 13:36 | 93   | *  | *  | *  | *  |   |
| 21 | 50   | 39  | 35  | 40  | 51  | 68  | 86  | 102 | 113 | 119 | 118 | 112 | 104 | 96  | 90  | 89  | 93  | 99  | 106 | 110 | 110 | 104 | 94  | 81  | 2109 | 87.9 |   | 9:21  | 119 | 19:30 | 111  | *  | *  | *    | *  | 1:56  | 35  | 14:43 | 89   | *  | *  | *  | *  |   |
| 22 | 68   | 57  | 50  | 49  | 55  | 66  | 80  | 95  | 107 | 116 | 119 | 116 | 110 | 101 | 92  | 86  | 83  | 84  | 88  | 93  | 97  | 98  | 96  | 90  | 2096 | 87.3 | U | 10: 2 | 119 | 20:48 | 99   | *  | *  | *    | *  | 2:37  | 49  | 16:11 | 83   | *  | *  | *  | *  |   |
| 23 | 82   | 74  | 67  | 63  | 63  | 68  | 77  | 89  | 102 | 112 | 118 | 119 | 116 | 108 | 98  | 87  | 78  | 73  | 72  | 75  | 81  | 86  | 90  | 92  | 2090 | 87.1 |   | 10:46 | 119 | 23: 5 | 92   | *  | *  | *    | *  | 3:26  | 62  | 17:41 | 72   | *  | *  | *  | *  |   |
| 24 | 91   | 87  | 83  | 78  | 75  | 75  | 79  | 87  | 97  | 107 | 115 | 120 | 120 | 115 | 106 | 93  | 79  | 68  | 61  | 59  | 63  | 70  | 79  | 87  | 2094 | 87.3 |   | 11:32 | 121 | *     | *    | *  | *  | 4:29 | 74 | 18:47 | 59  | *     | *    | *  | *  |    |    |   |
| 25 | 93   | 96  | 96  | 93  | 88  | 85  | 84  | 87  | 93  | 102 | 112 | 119 | 123 | 122 | 114 | 101 | 85  | 68  | 54  | 46  | 46  | 52  | 63  | 76  | 2098 | 87.4 |   | 1:22  | 97  | 12:15 | 123  | *  | *  | *    | *  | 5:46  | 84  | 19:35 | 45   | *  | *  | *  | *  |   |
| 26 | 89   | 99  | 105 | 105 | 102 | 97  | 92  | 90  | 92  | 99  | 107 | 117 | 124 | 126 | 122 | 111 | 94  | 74  | 54  | 39  | 32  | 34  | 45  | 61  | 2110 | 87.9 |   | 2:38  | 106 | 12:55 | 126  | *  | *  | *    | *  | 6:59  | 90  | 20:15 | 32   | *  | *  | *  | *  |   |
| 27 | 79   | 96  | 108 | 114 | 114 | 109 | 102 | 96  | 94  | 96  | 103 | 113 | 122 | 129 | 129 | 121 | 105 | 83  | 59  | 38  | 24  | 20  | 27  | 43  | 2124 | 88.5 |   | 3:27  | 115 | 13:32 | 130  | *  | *  | *    | *  | 7:59  | 94  | 20:51 | 20   | *  | *  | *  | *  |   |
| 28 | 64   | 86  | 105 | 117 | 122 | 119 | 112 | 104 | 98  | 96  | 100 | 108 | 119 | 129 | 133 | 130 | 117 | 96  | 70  | 44  | 23  | 11  | 12  | 25  | 2140 | 89.2 |   | 4: 6  | 122 | 14: 7 | 133  | *  | *  | *    | *  | 8:48  | 96  | 21:26 | 10   | *  | *  | *  | *  |   |
| 29 | 46   | 71  | 95  | 114 | 125 | 126 | 121 | 112 | 103 | 97  | 97  | 104 | 114 | 126 | 135 | 136 | 128 | 110 | 84  | 55  | 28  | 10  | 3   | 9   | 2149 | 89.5 |   | 4:42  | 127 | 14:42 | 137  | *  | *  | *    | *  | 9:28  | 97  | 22: 1 | 3    | *  | *  | *  | *  |   |
| 30 | 27   | 53  | 81  | 105 | 122 | 129 | 127 | 119 | 109 | 100 | 96  | 99  | 108 | 121 | 132 | 139 | 136 | 123 | 100 | 70  | 40  | 15  | 0   | -1  | 2150 | 89.6 | F | 5:16  | 129 | 15:16 | 139  | *  | *  | *    | *  | 10: 4 | 96  | 22:35 | -2   | *  | *  | *  | *  |   |
| 31 | 11   | 34  | 62  | 90  | 113 | 126 | 130 | 125 | 115 | 105 | 98  | 97  | 103 | 114 | 128 | 138 | 141 | 134 | 115 | 88  | 57  | 28  | 6   | -4  | 2154 | 89.8 |   | 5:51  | 130 | 15:50 | 141  | *  | *  | *    | *  | 10:38 | 96  | 23:11 | -4   | *  | *  | *  | *  |   |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位     |     |    |
|----------|--------------|---------------|-------------|-----|----|-------------|-----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時          | 潮位  | 回数 |
| 744      | 67368        | 90.5          | 16日 15時 51分 | 153 | 1  | 15日 22時 38分 | -10 | 1  |