

# 推算潮位 (毎時・満干潮)

地点名: 霧多布

緯度: 43°5' N

経度: 145°7' E

潮位表基準面の零点: 平均海面下 81.0(cm)

2017年1月

| 日  | 毎時潮位 |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | 満潮 |      |      |   |      |     |       |      | 干潮 |    |      |    |       |    |       |    |    |    |    |    |
|----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|------|------|---|------|-----|-------|------|----|----|------|----|-------|----|-------|----|----|----|----|----|
|    | 0    | 1  | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 日合計  | 日平均  | 月 | 時刻   | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 21   | 39 | 64  | 88  | 107 | 118 | 120 | 114 | 103 | 91  | 82  | 79  | 84  | 96  | 111 | 125 | 132 | 130 | 117 | 95  | 69  | 44 | 25 | 16 | 2070 | 86.3 |   | 5:42 | 120 | 16:16 | 133  | *  | *  | *    | *  | 10:51 | 79 | 23:17 | 15 | *  | *  | *  | *  |
| 2  | 18   | 31 | 52  | 76  | 97  | 112 | 119 | 117 | 108 | 96  | 84  | 78  | 78  | 86  | 99  | 113 | 125 | 128 | 122 | 107 | 85  | 60 | 39 | 25 | 2055 | 85.6 |   | 6:14 | 119 | 16:54 | 128  | *  | *  | *    | *  | 11:28 | 77 | 23:50 | 21 | *  | *  | *  | *  |
| 3  | 21   | 28 | 44  | 65  | 87  | 105 | 115 | 117 | 112 | 101 | 88  | 78  | 74  | 76  | 85  | 98  | 111 | 120 | 120 | 112 | 97  | 76 | 55 | 39 | 2024 | 84.3 |   | 6:44 | 118 | 17:37 | 121  | *  | *  | *    | *  | 12:11 | 74 | *     | *  | *  | *  | *  | *  |
| 4  | 30   | 31 | 41  | 58  | 78  | 97  | 111 | 117 | 115 | 106 | 94  | 82  | 73  | 69  | 73  | 81  | 93  | 104 | 111 | 110 | 102 | 88 | 71 | 55 | 1990 | 82.9 |   | 7:15 | 117 | 18:27 | 112  | *  | *  | *    | *  | 0:24  | 29 | 13:1  | 69 | *  | *  | *  | *  |
| 5  | 44   | 40 | 44  | 56  | 72  | 90  | 105 | 114 | 117 | 112 | 102 | 89  | 77  | 68  | 64  | 67  | 75  | 85  | 94  | 100 | 100 | 94 | 84 | 71 | 1964 | 81.8 |   | 7:49 | 117 | 19:30 | 101  | *  | *  | *    | *  | 0:59  | 40 | 14:4  | 64 | *  | *  | *  | *  |
| 6  | 61   | 54 | 53  | 59  | 70  | 84  | 99  | 111 | 117 | 116 | 110 | 98  | 85  | 72  | 62  | 58  | 58  | 64  | 73  | 83  | 89  | 92 | 89 | 84 | 1941 | 80.9 | U | 8:26 | 118 | 20:59 | 92   | *  | *  | *    | *  | 1:38  | 53 | 15:21 | 57 | *  | *  | *  | *  |
| 7  | 76   | 70 | 66  | 67  | 72  | 82  | 94  | 106 | 115 | 119 | 117 | 109 | 97  | 83  | 68  | 56  | 49  | 47  | 52  | 60  | 71  | 80 | 86 | 89 | 1931 | 80.5 |   | 9:10 | 119 | 23:13 | 89   | *  | *  | *    | *  | 2:24  | 66 | 16:44 | 47 | *  | *  | *  | *  |
| 8  | 88   | 85 | 81  | 78  | 79  | 83  | 91  | 101 | 111 | 119 | 122 | 120 | 111 | 98  | 82  | 64  | 48  | 38  | 34  | 38  | 47  | 60 | 74 | 85 | 1937 | 80.7 |   | 10:4 | 122 | *     | *    | *  | *  | 3:26 | 78 | 18:0  | 34 | *     | *  | *  | *  |    |    |
| 9  | 92   | 95 | 95  | 92  | 89  | 88  | 90  | 96  | 105 | 115 | 123 | 126 | 124 | 115 | 100 | 80  | 59  | 39  | 26  | 21  | 25  | 37 | 54 | 72 | 1958 | 81.6 |   | 1:20 | 95  | 11:6  | 126  | *  | *  | *    | *  | 4:49  | 88 | 19:2  | 21 | *  | *  | *  | *  |
| 10 | 87   | 98 | 104 | 104 | 100 | 95  | 93  | 94  | 99  | 108 | 118 | 127 | 132 | 129 | 119 | 101 | 78  | 52  | 30  | 15  | 10  | 16 | 32 | 53 | 1994 | 83.1 |   | 2:29 | 104 | 12:10 | 132  | *  | *  | *    | *  | 6:14  | 92 | 19:56 | 10 | *  | *  | *  | *  |
| 11 | 75   | 93 | 106 | 111 | 110 | 104 | 97  | 93  | 94  | 99  | 109 | 122 | 132 | 137 | 134 | 122 | 101 | 73  | 45  | 21  | 6   | 3  | 13 | 32 | 2032 | 84.7 |   | 3:16 | 112 | 13:9  | 138  | *  | *  | *    | *  | 7:25  | 93 | 20:44 | 3  | *  | *  | *  | *  |
| 12 | 57   | 81 | 101 | 113 | 117 | 112 | 104 | 95  | 90  | 91  | 98  | 110 | 125 | 137 | 142 | 137 | 122 | 97  | 67  | 37  | 14  | 1  | 2  | 15 | 2065 | 86.0 | F | 3:54 | 117 | 14:3  | 142  | *  | *  | *    | *  | 8:23  | 90 | 21:28 | #0 | *  | *  | *  | *  |
| 13 | 38   | 66 | 91  | 109 | 119 | 118 | 111 | 100 | 90  | 85  | 87  | 96  | 111 | 128 | 140 | 144 | 137 | 118 | 91  | 60  | 31  | 10 | 1  | 6  | 2087 | 87.0 |   | 4:28 | 120 | 14:52 | #144 | *  | *  | *    | *  | 9:13  | 85 | 22:8  | 1  | *  | *  | *  | *  |
| 14 | 24   | 50 | 78  | 102 | 117 | 121 | 117 | 106 | 93  | 83  | 79  | 83  | 95  | 112 | 129 | 140 | 142 | 132 | 111 | 83  | 52  | 27 | 10 | 7  | 2093 | 87.2 |   | 4:59 | 121 | 15:38 | 142  | *  | *  | *    | *  | 9:59  | 79 | 22:45 | 7  | *  | *  | *  | *  |
| 15 | 17   | 38 | 66  | 92  | 112 | 122 | 121 | 112 | 98  | 84  | 75  | 73  | 80  | 94  | 112 | 128 | 137 | 135 | 122 | 101 | 73  | 47 | 26 | 15 | 2080 | 86.7 |   | 5:27 | 123 | 16:21 | 137  | *  | *  | *    | *  | 10:43 | 73 | 23:19 | 15 | *  | *  | *  | *  |
| 16 | 18   | 32 | 56  | 82  | 105 | 119 | 124 | 118 | 105 | 90  | 76  | 68  | 69  | 77  | 93  | 110 | 123 | 129 | 125 | 111 | 89  | 65 | 44 | 29 | 2057 | 85.7 |   | 5:55 | 124 | 17:4  | 129  | *  | *  | *    | *  | 11:27 | 67 | 23:51 | 25 | *  | *  | *  | *  |
| 17 | 25   | 33 | 50  | 74  | 97  | 115 | 124 | 123 | 113 | 98  | 82  | 69  | 64  | 66  | 76  | 91  | 106 | 116 | 118 | 112 | 98  | 79 | 60 | 45 | 2034 | 84.8 |   | 6:22 | 125 | 17:47 | 119  | *  | *  | *    | *  | 12:12 | 64 | *     | *  | *  | *  | *  | *  |
| 18 | 37   | 38 | 50  | 68  | 89  | 109 | 121 | 125 | 119 | 107 | 91  | 76  | 65  | 61  | 65  | 75  | 87  | 99  | 106 | 106 | 100 | 87 | 73 | 59 | 2013 | 83.9 |   | 6:51 | 125 | 18:32 | 107  | *  | *  | *    | *  | 0:20  | 36 | 13:0  | 61 | *  | *  | *  | *  |
| 19 | 50   | 48 | 53  | 66  | 83  | 102 | 116 | 124 | 123 | 114 | 100 | 85  | 72  | 63  | 60  | 64  | 72  | 82  | 90  | 95  | 95  | 89 | 81 | 71 | 1998 | 83.3 |   | 7:23 | 124 | 19:25 | 96   | *  | *  | *    | *  | 0:49  | 48 | 13:56 | 60 | *  | *  | *  | *  |
| 20 | 63   | 59 | 61  | 68  | 80  | 95  | 109 | 119 | 123 | 119 | 109 | 96  | 82  | 70  | 62  | 59  | 61  | 67  | 74  | 81  | 85  | 86 | 83 | 79 | 1990 | 82.9 | L | 7:58 | 123 | 20:40 | 86   | *  | *  | *    | *  | 1:17  | 59 | 15:5  | 59 | *  | *  | *  | *  |
| 21 | 75   | 71 | 70  | 73  | 80  | 90  | 102 | 112 | 119 | 120 | 115 | 105 | 93  | 80  | 69  | 61  | 56  | 56  | 60  | 66  | 73  | 78 | 81 | 83 | 1988 | 82.8 |   | 8:39 | 120 | 23:27 | 83   | *  | *  | *    | *  | 1:47  | 70 | 16:29 | 56 | *  | *  | *  | *  |
| 22 | 83   | 82 | 81  | 81  | 83  | 88  | 96  | 105 | 113 | 117 | 117 | 113 | 104 | 92  | 79  | 67  | 57  | 51  | 49  | 52  | 59  | 67 | 75 | 82 | 1993 | 83.0 |   | 9:30 | 118 | *     | *    | *  | *  | 2:31 | 81 | 17:49 | 49 | *     | *  | *  | *  |    |    |
| 23 | 87   | 90 | 91  | 90  | 89  | 90  | 93  | 98  | 105 | 112 | 116 | 117 | 112 | 104 | 92  | 77  | 63  | 51  | 43  | 41  | 45  | 53 | 64 | 76 | 1999 | 83.3 |   | 1:59 | 91  | 10:35 | 117  | *  | *  | *    | *  | 4:20  | 89 | 18:50 | 41 | *  | *  | *  | *  |
| 24 | 87   | 94 | 99  | 99  | 97  | 94  | 92  | 94  | 98  | 105 | 112 | 117 | 118 | 114 | 104 | 90  | 73  | 56  | 42  | 34  | 33  | 39 | 51 | 66 | 2008 | 83.7 |   | 2:38 | 99  | 11:43 | 119  | *  | *  | *    | *  | 6:6   | 92 | 19:36 | 32 | *  | *  | *  | *  |
| 25 | 82   | 95 | 103 | 107 | 105 | 100 | 95  | 92  | 93  | 98  | 106 | 115 | 121 | 122 | 117 | 104 | 86  | 65  | 46  | 31  | 24  | 26 | 37 | 53 | 2023 | 84.3 |   | 3:7  | 107 | 12:42 | 122  | *  | *  | *    | *  | 7:17  | 92 | 20:16 | 24 | *  | *  | *  | *  |
| 26 | 72   | 90 | 104 | 111 | 112 | 106 | 99  | 92  | 89  | 91  | 98  | 109 | 119 | 126 | 126 | 118 | 101 | 79  | 55  | 35  | 21  | 17 | 24 | 39 | 2033 | 84.7 |   | 3:33 | 112 | 13:31 | 127  | *  | *  | *    | *  | 8:9   | 89 | 20:52 | 17 | *  | *  | *  | *  |
| 27 | 60   | 82 | 100 | 112 | 116 | 113 | 104 | 94  | 87  | 85  | 89  | 100 | 113 | 125 | 131 | 128 | 116 | 95  | 69  | 44  | 24  | 14 | 15 | 27 | 2043 | 85.1 |   | 3:59 | 116 | 14:14 | 131  | *  | *  | *    | *  | 8:50  | 85 | 21:26 | 13 | *  | *  | *  | *  |
| 28 | 47   | 71 | 93  | 110 | 118 | 118 | 110 | 98  | 87  | 80  | 81  | 89  | 103 | 118 | 130 | 134 | 128 | 111 | 86  | 59  | 34  | 17 | 11 | 17 | 2050 | 85.4 | N | 4:25 | 119 | 14:54 | 134  | *  | *  | *    | *  | 9:28  | 80 | 21:59 | 11 | *  | *  | *  | *  |
| 29 | 34   | 58 | 83  | 104 | 117 | 121 | 115 | 103 | 89  | 78  | 74  | 78  | 89  | 106 | 123 | 133 | 134 | 123 | 103 | 76  | 48  | 26 | 14 | 14 | 2043 | 85.1 |   | 4:51 | 121 | 15:34 | 135  | *  | *  | *    | *  | 10:4  | 74 | 22:31 | 12 | *  | *  | *  | *  |
| 30 | 26   | 47 | 73  | 97  | 114 | 121 | 119 | 109 | 94  | 79  | 70  | 68  | 76  | 91  | 109 | 125 | 133 | 130 | 116 | 93  | 66  | 41 | 23 | 17 | 2037 | 84.9 |   | 5:16 | 122 | 16:14 | 133  | *  | *  | *    | *  | 10:40 | 68 | 23:2  | 17 | *  | *  | *  | *  |
| 31 | 23   | 39 | 63  | 88  | 108 | 120 | 122 | 114 | 100 | 83  | 69  | 62  | 64  | 74  | 92  | 110 | 124 | 128 | 122 | 106 | 83  | 58 | 38 | 26 | 2016 | 84.0 |   | 5:41 | 123 | 16:56 | 128  | *  | *  | *    | *  | 11:18 | 61 | 23:31 | 25 | *  | *  | *  | *  |

| 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      | 62546        | 84.1          | 13日 14時 52分 | 144 | 1  | 12日 21時 28分 | 0  | 1  |

# 推算潮位（毎時・満干潮）

地点名：霧多布

緯度：43°5' N

経度：145°7' E

潮位表基準面の零点：平均海面下 81.0(cm)

2017年2月

| 日  | 毎時潮位 |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | 満潮 |      |      |   |       |     |       |      | 干潮 |    |       |    |       |    |       |    |    |    |    |    |
|----|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|------|------|---|-------|-----|-------|------|----|----|-------|----|-------|----|-------|----|----|----|----|----|
|    | 0    | 1  | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 26   | 37 | 56  | 80  | 102 | 117 | 123 | 119 | 107 | 90  | 72  | 60  | 55  | 60  | 73  | 91  | 108 | 119 | 120 | 112 | 95  | 74 | 54 | 40 | 1990 | 82.9 |   | 6:5   | 124 | 17:40 | 121  | *  | *  | *     | *  | 11:59 | 55 | *     | *  | *  | *  | *  | *  |
| 2  | 35   | 40 | 54  | 74  | 96  | 113 | 123 | 123 | 114 | 98  | 80  | 63  | 53  | 51  | 57  | 71  | 87  | 102 | 110 | 110 | 102 | 87 | 70 | 56 | 1969 | 82.0 |   | 6:31  | 124 | 18:29 | 111  | *  | *  | *     | *  | 0:0   | 35 | 12:44 | 51 | *  | *  | *  | *  |
| 3  | 47   | 48 | 56  | 72  | 91  | 108 | 121 | 125 | 121 | 108 | 91  | 73  | 57  | 49  | 47  | 54  | 66  | 81  | 93  | 100 | 99  | 92 | 82 | 70 | 1951 | 81.3 |   | 6:58  | 125 | 19:27 | 100  | *  | *  | *     | *  | 0:29  | 46 | 13:38 | 47 | *  | *  | *  | *  |
| 4  | 62   | 59 | 63  | 73  | 87  | 103 | 117 | 125 | 125 | 117 | 103 | 86  | 68  | 54  | 46  | 44  | 49  | 59  | 71  | 82  | 88  | 90 | 87 | 81 | 1939 | 80.8 | U | 7:30  | 126 | 20:45 | 90   | *  | *  | *     | *  | 0:57  | 59 | 14:44 | 44 | *  | *  | *  | *  |
| 5  | 75   | 72 | 72  | 77  | 87  | 99  | 111 | 121 | 125 | 123 | 114 | 101 | 84  | 68  | 53  | 44  | 40  | 42  | 50  | 60  | 71  | 79 | 84 | 85 | 1937 | 80.7 |   | 8:9   | 125 | 23:11 | 85   | *  | *  | *     | *  | 1:26  | 71 | 16:6  | 40 | *  | *  | *  | *  |
| 6  | 85   | 83 | 83  | 84  | 88  | 96  | 105 | 114 | 121 | 124 | 122 | 114 | 102 | 86  | 69  | 53  | 41  | 34  | 34  | 39  | 49  | 62 | 73 | 82 | 1943 | 81.0 |   | 9:3   | 124 | *     | *    | *  | *  | 1:58  | 83 | 17:33 | 33 | *     | *  | *  | *  |    |    |
| 7  | 88   | 92 | 93  | 93  | 93  | 95  | 99  | 106 | 113 | 119 | 123 | 122 | 116 | 105 | 90  | 71  | 52  | 36  | 27  | 24  | 30  | 41 | 57 | 72 | 1957 | 81.5 |   | 10:20 | 123 | *     | *    | *  | *  | 18:47 | 24 | *     | *  | *     | *  | *  | *  |    |    |
| 8  | 85   | 95 | 100 | 101 | 99  | 96  | 95  | 97  | 102 | 109 | 117 | 123 | 125 | 121 | 110 | 93  | 72  | 49  | 31  | 19  | 17  | 23 | 38 | 57 | 1974 | 82.3 |   | 2:43  | 101 | 11:51 | 125  | *  | *  | *     | *  | 5:53  | 95 | 19:45 | 16 | *  | *  | *  | *  |
| 9  | 77   | 93 | 103 | 108 | 106 | 101 | 94  | 91  | 91  | 96  | 105 | 116 | 125 | 129 | 126 | 114 | 95  | 70  | 45  | 24  | 13  | 12 | 22 | 41 | 1997 | 83.2 |   | 3:11  | 108 | 13:6  | 129  | *  | *  | *     | *  | 7:25  | 90 | 20:33 | 11 | *  | *  | *  | *  |
| 10 | 64   | 86 | 102 | 111 | 112 | 107 | 97  | 88  | 82  | 83  | 90  | 102 | 116 | 128 | 133 | 129 | 115 | 92  | 65  | 38  | 19  | 9  | 13 | 27 | 2008 | 83.7 |   | 3:37  | 113 | 14:5  | 133  | *  | *  | *     | *  | 8:25  | 82 | 21:15 | #9 | *  | *  | *  | *  |
| 11 | 50   | 76 | 97  | 112 | 117 | 113 | 102 | 89  | 78  | 73  | 75  | 85  | 101 | 118 | 131 | 135 | 129 | 112 | 86  | 58  | 32  | 16 | 11 | 19 | 2015 | 84.0 | F | 4:3   | 117 | 14:55 | #135 | *  | *  | *     | *  | 9:13  | 72 | 21:52 | 11 | *  | *  | *  | *  |
| 12 | 39   | 65 | 90  | 110 | 120 | 119 | 109 | 94  | 78  | 67  | 63  | 69  | 82  | 101 | 120 | 132 | 134 | 124 | 104 | 78  | 50  | 29 | 17 | 18 | 2012 | 83.8 |   | 4:27  | 121 | 15:40 | 134  | *  | *  | *     | *  | 9:55  | 63 | 22:25 | 16 | *  | *  | *  | *  |
| 13 | 32   | 55 | 82  | 105 | 120 | 124 | 117 | 102 | 83  | 67  | 57  | 56  | 65  | 82  | 103 | 120 | 129 | 128 | 115 | 94  | 68  | 45 | 28 | 23 | 2000 | 83.3 |   | 4:51  | 124 | 16:22 | 130  | *  | *  | *     | *  | 10:34 | 55 | 22:55 | 23 | *  | *  | *  | *  |
| 14 | 30   | 49 | 74  | 99  | 117 | 126 | 123 | 110 | 92  | 72  | 57  | 50  | 53  | 65  | 84  | 103 | 118 | 124 | 119 | 104 | 83  | 61 | 42 | 33 | 1988 | 82.8 |   | 5:15  | 126 | 17:1  | 124  | *  | *  | *     | *  | 11:12 | 50 | 23:23 | 32 | *  | *  | *  | *  |
| 15 | 34   | 47 | 67  | 92  | 113 | 125 | 127 | 118 | 101 | 81  | 62  | 50  | 47  | 53  | 67  | 86  | 102 | 113 | 115 | 107 | 92  | 74 | 56 | 45 | 1974 | 82.3 |   | 5:39  | 128 | 17:40 | 115  | *  | *  | *     | *  | 11:50 | 47 | 23:49 | 42 | *  | *  | *  | *  |
| 16 | 42   | 49 | 64  | 85  | 106 | 122 | 128 | 124 | 110 | 91  | 72  | 56  | 47  | 47  | 55  | 70  | 86  | 99  | 106 | 104 | 96  | 83 | 68 | 57 | 1967 | 82.0 |   | 6:5   | 128 | 18:20 | 106  | *  | *  | *     | *  | 12:29 | 46 | *     | *  | *  | *  | *  | *  |
| 17 | 52   | 54 | 64  | 81  | 99  | 116 | 125 | 126 | 117 | 101 | 82  | 65  | 52  | 47  | 49  | 58  | 71  | 84  | 93  | 97  | 94  | 87 | 77 | 68 | 1959 | 81.6 |   | 6:32  | 127 | 19:5  | 97   | *  | *  | *     | *  | 0:13  | 52 | 13:12 | 47 | *  | *  | *  | *  |
| 18 | 62   | 62 | 68  | 79  | 94  | 108 | 119 | 124 | 120 | 108 | 93  | 76  | 62  | 52  | 49  | 52  | 59  | 69  | 79  | 86  | 88  | 86 | 81 | 76 | 1952 | 81.3 |   | 7:1   | 124 | 20:2  | 88   | *  | *  | *     | *  | 0:34  | 61 | 14:2  | 49 | *  | *  | *  | *  |
| 19 | 72   | 71 | 73  | 80  | 90  | 102 | 112 | 119 | 119 | 113 | 101 | 87  | 73  | 61  | 54  | 51  | 52  | 58  | 65  | 72  | 78  | 81 | 82 | 81 | 1947 | 81.1 | L | 7:34  | 120 | 21:50 | 82   | *  | *  | *     | *  | 0:52  | 71 | 15:8  | 51 | *  | *  | *  | *  |
| 20 | 80   | 80 | 81  | 84  | 89  | 96  | 105 | 111 | 115 | 113 | 107 | 97  | 85  | 73  | 62  | 54  | 50  | 50  | 53  | 59  | 66  | 72 | 78 | 82 | 1942 | 80.9 |   | 8:14  | 115 | *     | *    | *  | *  | 0:51  | 80 | 16:37 | 49 | *     | *  | *  | *  |    |    |
| 21 | 85   | 87 | 88  | 89  | 91  | 94  | 98  | 103 | 108 | 110 | 109 | 104 | 96  | 86  | 74  | 63  | 53  | 46  | 44  | 46  | 52  | 60 | 70 | 79 | 1935 | 80.6 |   | 9:13  | 110 | *     | *    | *  | *  | 18:2  | 44 | *     | *  | *     | *  | *  | *  |    |    |
| 22 | 87   | 92 | 95  | 96  | 94  | 93  | 93  | 96  | 100 | 104 | 108 | 109 | 106 | 99  | 88  | 75  | 60  | 48  | 39  | 35  | 38  | 46 | 58 | 72 | 1931 | 80.5 |   | 2:40  | 96  | 10:44 | 109  | *  | *  | *     | *  | 5:24  | 93 | 19:3  | 35 | *  | *  | *  | *  |
| 23 | 84   | 94 | 100 | 102 | 99  | 95  | 91  | 89  | 91  | 96  | 102 | 108 | 111 | 110 | 102 | 89  | 73  | 55  | 40  | 30  | 27  | 33 | 45 | 61 | 1927 | 80.3 |   | 2:49  | 102 | 12:11 | 111  | *  | *  | *     | *  | 7:1   | 89 | 19:49 | 27 | *  | *  | *  | *  |
| 24 | 78   | 93 | 103 | 107 | 105 | 98  | 91  | 84  | 82  | 85  | 93  | 103 | 112 | 117 | 115 | 105 | 88  | 68  | 47  | 31  | 22  | 22 | 31 | 48 | 1928 | 80.3 |   | 3:7   | 107 | 13:14 | 117  | *  | *  | *     | *  | 7:55  | 82 | 20:28 | 21 | *  | *  | *  | *  |
| 25 | 68   | 88 | 103 | 110 | 110 | 103 | 92  | 82  | 75  | 74  | 81  | 92  | 106 | 118 | 123 | 119 | 105 | 84  | 60  | 38  | 23  | 16 | 21 | 36 | 1927 | 80.3 |   | 3:28  | 111 | 14:4  | 123  | *  | *  | *     | *  | 8:36  | 74 | 21:4  | 16 | *  | *  | *  | *  |
| 26 | 57   | 80 | 99  | 111 | 115 | 109 | 96  | 82  | 70  | 64  | 67  | 78  | 94  | 111 | 123 | 127 | 119 | 102 | 78  | 52  | 31  | 18 | 17 | 27 | 1927 | 80.3 | N | 3:50  | 115 | 14:50 | 127  | *  | *  | *     | *  | 9:13  | 64 | 21:37 | 16 | *  | *  | *  | *  |
| 27 | 46   | 71 | 94  | 110 | 118 | 115 | 103 | 86  | 69  | 57  | 54  | 61  | 77  | 97  | 116 | 127 | 128 | 117 | 96  | 70  | 45  | 27 | 19 | 23 | 1926 | 80.3 |   | 4:12  | 118 | 15:33 | 129  | *  | *  | *     | *  | 9:49  | 54 | 22:9  | 19 | *  | *  | *  | *  |
| 28 | 39   | 62 | 87  | 107 | 119 | 120 | 110 | 92  | 72  | 55  | 45  | 46  | 58  | 78  | 100 | 119 | 128 | 125 | 110 | 88  | 62  | 41 | 27 | 26 | 1916 | 79.8 |   | 4:34  | 121 | 16:16 | 128  | *  | *  | *     | *  | 10:25 | 45 | 22:39 | 25 | *  | *  | *  | *  |

| N<br>総回数 | Sum<br>推算月合計 | Mean<br>推算月平均 | 推算月最高潮位     |     |    | 推算月最低潮位     |    |    |
|----------|--------------|---------------|-------------|-----|----|-------------|----|----|
|          |              |               | 起時          | 潮位  | 回数 | 起時          | 潮位 | 回数 |
| 672      | 54838        | 81.6          | 11日 14時 55分 | 135 | 1  | 10日 21時 15分 | 9  | 1  |

# 推算潮位（毎時・満干潮）

地点名：霧多布

緯度：43°5' N

経度：145°7' E

潮位表基準面の零点：平均海面下 81.0(cm)

2017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  | 36   | 55 | 80  | 103 | 119 | 124 | 117 | 101 | 79  | 58  | 42  | 36  | 41  | 57  | 80  | 102 | 118 | 124 | 118 | 102 | 80 | 57 | 41 | 34 | 1904 | 79.3 |   | 4:56 | 124  | 16:59 | 124 | *  | *  | *  | *  | 11:2  | 36 | 23:7  | 34 | *  | *  | *  | *  |
| 2  | 38   | 53 | 75  | 98  | 116 | 126 | 124 | 111 | 90  | 67  | 46  | 33  | 30  | 40  | 58  | 80  | 101 | 114 | 116 | 108 | 92 | 73 | 56 | 46 | 1891 | 78.8 |   | 5:20 | 126  | 17:44 | 117 | *  | *  | *  | *  | 11:42 | 30 | 23:34 | 44 | *  | *  | *  | *  |
| 3  | 45   | 54 | 72  | 93  | 113 | 125 | 128 | 120 | 102 | 79  | 56  | 37  | 28  | 29  | 40  | 58  | 79  | 96  | 106 | 106 | 98 | 85 | 70 | 59 | 1878 | 78.3 |   | 5:44 | 128  | 18:32 | 107 | *  | *  | *  | *  | 12:25 | 27 | *     | *  | *  | *  | *  | *  |
| 4  | 55   | 59 | 71  | 89  | 107 | 122 | 129 | 126 | 113 | 94  | 71  | 49  | 34  | 27  | 29  | 41  | 57  | 75  | 89  | 96  | 96 | 89 | 80 | 71 | 1869 | 77.9 |   | 6:12 | #129 | 19:27 | 97  | *  | *  | *  | *  | 0:0   | 55 | 13:14 | 27 | *  | *  | *  | *  |
| 5  | 66   | 66 | 74  | 86  | 101 | 116 | 125 | 127 | 121 | 106 | 87  | 67  | 48  | 35  | 29  | 31  | 41  | 54  | 68  | 79  | 86 | 87 | 84 | 80 | 1864 | 77.7 | U | 6:44 | 128  | 20:43 | 87  | *  | *  | *  | *  | 0:25  | 65 | 14:13 | 29 | *  | *  | *  | *  |
| 6  | 76   | 75 | 78  | 85  | 96  | 108 | 118 | 123 | 122 | 115 | 101 | 85  | 67  | 51  | 39  | 33  | 33  | 38  | 48  | 60  | 70 | 78 | 82 | 83 | 1864 | 77.7 |   | 7:22 | 124  | *     | *   | *  | *  | *  | *  | 0:48  | 75 | 15:30 | 32 | *  | *  | *  | *  |
| 7  | 83   | 83 | 84  | 86  | 92  | 99  | 107 | 114 | 117 | 116 | 110 | 100 | 87  | 72  | 57  | 44  | 35  | 32  | 34  | 42  | 53 | 64 | 74 | 82 | 1867 | 77.8 |   | 8:17 | 117  | *     | *   | *  | *  | *  | *  | 17:2  | 32 | *     | *  | *  | *  | *  | *  |
| 8  | 87   | 90 | 90  | 90  | 90  | 92  | 96  | 101 | 106 | 110 | 111 | 108 | 102 | 92  | 78  | 62  | 47  | 35  | 29  | 29  | 36 | 48 | 62 | 75 | 1866 | 77.8 |   | 9:51 | 111  | *     | *   | *  | *  | *  | *  | 18:25 | 28 | *     | *  | *  | *  | *  | *  |
| 9  | 86   | 94 | 97  | 96  | 92  | 88  | 86  | 87  | 91  | 97  | 103 | 109 | 110 | 107 | 98  | 84  | 65  | 47  | 32  | 24  | 25 | 34 | 48 | 66 | 1866 | 77.8 |   | 2:13 | 97   | 11:54 | 110 | *  | *  | *  | *  | 6:15  | 86 | 19:26 | 24 | *  | *  | *  | *  |
| 10 | 82   | 95 | 102 | 102 | 97  | 89  | 81  | 76  | 76  | 80  | 89  | 100 | 110 | 115 | 113 | 103 | 86  | 65  | 44  | 28  | 21 | 24 | 36 | 54 | 1868 | 77.8 |   | 2:35 | 103  | 13:16 | 115 | *  | *  | *  | *  | 7:35  | 75 | 20:14 | 21 | *  | *  | *  | *  |
| 11 | 75   | 93 | 104 | 108 | 104 | 94  | 81  | 69  | 63  | 64  | 72  | 85  | 100 | 113 | 119 | 117 | 104 | 84  | 61  | 39  | 25 | 21 | 27 | 44 | 1866 | 77.8 |   | 2:58 | 108  | 14:14 | 119 | *  | *  | *  | *  | 8:25  | 63 | 20:53 | 21 | *  | *  | *  | *  |
| 12 | 66   | 88 | 104 | 113 | 111 | 101 | 85  | 69  | 56  | 51  | 55  | 67  | 84  | 103 | 117 | 122 | 117 | 102 | 79  | 55  | 35 | 24 | 25 | 36 | 1865 | 77.7 | F | 3:21 | 113  | 15:1  | 122 | *  | *  | *  | *  | 9:6   | 51 | 21:28 | 23 | *  | *  | *  | *  |
| 13 | 57   | 81 | 102 | 115 | 117 | 109 | 93  | 73  | 55  | 44  | 41  | 49  | 66  | 87  | 107 | 119 | 122 | 113 | 95  | 72  | 49 | 33 | 28 | 34 | 1861 | 77.5 |   | 3:44 | 118  | 15:43 | 122 | *  | *  | *  | *  | 9:43  | 41 | 21:59 | 28 | *  | *  | *  | *  |
| 14 | 50   | 74 | 97  | 115 | 122 | 117 | 103 | 82  | 60  | 42  | 34  | 36  | 49  | 69  | 92  | 110 | 119 | 118 | 106 | 86  | 64 | 46 | 35 | 36 | 1862 | 77.6 |   | 4:7  | 122  | 16:21 | 120 | *  | *  | *  | *  | 10:18 | 34 | 22:28 | 34 | *  | *  | *  | *  |
| 15 | 47   | 67 | 91  | 111 | 123 | 123 | 112 | 92  | 69  | 47  | 33  | 29  | 36  | 53  | 75  | 96  | 111 | 116 | 110 | 96  | 77 | 59 | 46 | 41 | 1860 | 77.5 |   | 4:30 | 124  | 16:59 | 116 | *  | *  | *  | *  | 10:51 | 29 | 22:55 | 41 | *  | *  | *  | *  |
| 16 | 48   | 63 | 85  | 106 | 121 | 126 | 119 | 102 | 79  | 56  | 38  | 28  | 29  | 40  | 59  | 80  | 98  | 109 | 109 | 101 | 87 | 71 | 57 | 50 | 1861 | 77.5 |   | 4:54 | 126  | 17:35 | 110 | *  | *  | *  | *  | 11:24 | 27 | 23:20 | 49 | *  | *  | *  | *  |
| 17 | 51   | 62 | 79  | 99  | 116 | 125 | 123 | 110 | 90  | 67  | 46  | 32  | 28  | 33  | 47  | 65  | 84  | 98  | 104 | 101 | 92 | 79 | 67 | 59 | 1857 | 77.4 |   | 5:19 | 125  | 18:12 | 104 | *  | *  | *  | *  | 11:58 | 28 | 23:43 | 57 | *  | *  | *  | *  |
| 18 | 58   | 64 | 76  | 93  | 109 | 121 | 123 | 115 | 99  | 78  | 58  | 41  | 32  | 31  | 39  | 54  | 70  | 85  | 94  | 97  | 93 | 85 | 75 | 68 | 1858 | 77.4 |   | 5:44 | 123  | 18:53 | 97  | *  | *  | *  | *  | 12:33 | 30 | *     | *  | *  | *  | *  | *  |
| 19 | 65   | 67 | 76  | 88  | 102 | 114 | 119 | 116 | 105 | 88  | 69  | 52  | 40  | 35  | 37  | 45  | 58  | 71  | 82  | 88  | 89 | 86 | 81 | 75 | 1848 | 77.0 |   | 6:10 | 119  | 19:43 | 90  | *  | *  | *  | *  | 0:5   | 65 | 13:12 | 34 | *  | *  | *  | *  |
| 20 | 72   | 73 | 77  | 86  | 96  | 106 | 113 | 114 | 108 | 96  | 80  | 64  | 51  | 42  | 39  | 42  | 49  | 59  | 69  | 77  | 82 | 84 | 83 | 81 | 1843 | 76.8 |   | 6:38 | 114  | 21:1  | 84  | *  | *  | *  | *  | 0:24  | 72 | 14:1  | 39 | *  | *  | *  | *  |
| 21 | 79   | 79 | 81  | 85  | 91  | 99  | 105 | 108 | 106 | 100 | 89  | 76  | 63  | 52  | 45  | 42  | 44  | 48  | 56  | 64  | 71 | 77 | 81 | 83 | 1824 | 76.0 | L | 7:12 | 108  | *     | *   | *  | *  | *  | *  | 0:38  | 79 | 15:12 | 42 | *  | *  | *  | *  |
| 22 | 84   | 85 | 85  | 86  | 88  | 92  | 96  | 100 | 101 | 100 | 95  | 86  | 76  | 66  | 56  | 48  | 43  | 42  | 45  | 50  | 59 | 67 | 76 | 82 | 1808 | 75.3 |   | 8:3  | 101  | *     | *   | *  | *  | *  | *  | 16:48 | 42 | *     | *  | *  | *  | *  | *  |
| 23 | 87   | 90 | 90  | 89  | 88  | 87  | 88  | 90  | 93  | 95  | 96  | 94  | 88  | 80  | 70  | 58  | 48  | 40  | 37  | 39  | 45 | 55 | 67 | 78 | 1792 | 74.7 |   | 1:45 | 90   | 9:45  | 96  | *  | *  | *  | *  | 5:7   | 87 | 18:11 | 37 | *  | *  | *  | *  |
| 24 | 87   | 94 | 95  | 93  | 89  | 84  | 80  | 79  | 81  | 86  | 92  | 96  | 97  | 94  | 86  | 73  | 59  | 45  | 35  | 31  | 33 | 42 | 56 | 71 | 1778 | 74.1 |   | 1:58 | 95   | 11:46 | 97  | *  | *  | *  | *  | 6:47  | 79 | 19:9  | 31 | *  | *  | *  | *  |
| 25 | 85   | 95 | 100 | 99  | 92  | 83  | 74  | 69  | 68  | 73  | 82  | 92  | 100 | 104 | 100 | 90  | 75  | 57  | 41  | 30  | 26 | 32 | 44 | 61 | 1772 | 73.8 |   | 2:17 | 100  | 13:2  | 104 | *  | *  | *  | *  | 7:37  | 68 | 19:54 | 26 | *  | *  | *  | *  |
| 26 | 80   | 94 | 103 | 104 | 98  | 86  | 72  | 61  | 55  | 57  | 66  | 81  | 96  | 107 | 111 | 106 | 93  | 74  | 53  | 36  | 26 | 26 | 35 | 52 | 1772 | 73.8 |   | 2:38 | 105  | 13:58 | 111 | *  | *  | *  | *  | 8:16  | 55 | 20:33 | 25 | *  | *  | *  | *  |
| 27 | 72   | 92 | 105 | 109 | 105 | 91  | 74  | 57  | 45  | 42  | 48  | 63  | 82  | 101 | 114 | 117 | 109 | 92  | 70  | 49  | 33 | 26 | 30 | 44 | 1770 | 73.8 |   | 2:59 | 109  | 14:47 | 117 | *  | *  | *  | *  | 8:52  | 42 | 21:8  | 26 | *  | *  | *  | *  |
| 28 | 65   | 87 | 105 | 114 | 112 | 100 | 81  | 59  | 40  | 30  | 30  | 42  | 62  | 86  | 107 | 119 | 119 | 108 | 89  | 66  | 46 | 34 | 32 | 41 | 1774 | 73.9 | N | 3:21 | 114  | 15:33 | 120 | *  | *  | *  | *  | 9:28  | 29 | 21:40 | 31 | *  | *  | *  | *  |
| 29 | 59   | 82 | 103 | 116 | 119 | 110 | 91  | 66  | 42  | 24  | 17  | 23  | 40  | 65  | 90  | 110 | 120 | 118 | 104 | 84  | 63 | 46 | 39 | 42 | 1773 | 73.9 |   | 3:44 | 119  | 16:18 | 120 | *  | *  | *  | *  | 10:5  | 17 | 22:11 | 39 | *  | *  | *  | *  |
| 30 | 56   | 77 | 99  | 117 | 124 | 120 | 104 | 79  | 52  | 27  | 12  | 9   | 20  | 41  | 68  | 93  | 111 | 117 | 112 | 98  | 79 | 61 | 50 | 48 | 1774 | 73.9 |   | 4:8  | 124  | 17:3  | 117 | *  | *  | *  | *  | 10:43 | 9  | 22:41 | 47 | *  | *  | *  | *  |
| 31 | 56   | 73 | 94  | 114 | 126 | 127 | 116 | 94  | 67  | 39  | 17  | 6   | 7   | 21  | 44  | 71  | 94  | 108 | 111 | 104 | 90 | 75 | 62 | 56 | 1772 | 73.8 |   | 4:34 | 128  | 17:49 | 111 | *  | *  | *  | *  | 11:23 | #5 | 23:9  | 56 | *  | *  | *  | *  |

| 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      | 56927        | 76.5          | 4日6時12分 | 129 | 1  | 31日11時23分 | 5  | 1  |

# 推算潮位（毎時・満干潮）

地点名：霧多布

緯度：43°5' N

経度：145°7' E

潮位表基準面の零点：平均海面下 81.0(cm)

2017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  | 59   | 71  | 89  | 109 | 124 | 130 | 124 | 108 | 84  | 56  | 31 | 12  | 5  | 10  | 26  | 48  | 72  | 91  | 101 | 102 | 96 | 84 | 73 | 65 | 1770 | 73.8 |   | 5:2  | 130  | 18:37 | 103 | *  | *  | *    | *  | 12:6  | 5    | 23:37 | 64 | *  | *  | *  | *  |
| 2  | 65   | 71  | 85  | 101 | 117 | 127 | 127 | 118 | 99  | 75  | 50 | 28  | 14 | 10  | 16  | 31  | 51  | 71  | 86  | 93  | 94 | 89 | 81 | 74 | 1773 | 73.9 |   | 5:33 | 128  | 19:33 | 94  | *  | *  | *    | *  | 12:53 | 10   | *     | *  | *  | *  |    |    |
| 3  | 71   | 73  | 81  | 94  | 107 | 118 | 123 | 120 | 109 | 91  | 70 | 49  | 31 | 20  | 18  | 24  | 36  | 52  | 68  | 79  | 86 | 87 | 84 | 81 | 1772 | 73.8 |   | 6:9  | 124  | 20:45 | 87  | *  | *  | *    | *  | 0:6   | 71   | 13:48 | 18 | *  | *  | *  | *  |
| 4  | 77   | 77  | 80  | 87  | 96  | 106 | 113 | 115 | 111 | 101 | 86 | 69  | 52 | 38  | 29  | 26  | 30  | 39  | 51  | 64  | 74 | 81 | 84 | 84 | 1770 | 73.8 | U | 6:51 | 115  | 22:41 | 85  | *  | *  | *    | *  | 0:42  | 77   | 14:57 | 26 | *  | *  | *  | *  |
| 5  | 83   | 82  | 81  | 83  | 86  | 92  | 98  | 103 | 104 | 102 | 95 | 85  | 73 | 60  | 47  | 37  | 32  | 33  | 39  | 49  | 60 | 71 | 80 | 85 | 1760 | 73.3 |   | 7:53 | 104  | *     | *   | *  | *  | 1:52 | 81 | 16:23 | 32   | *     | *  | *  | *  |    |    |
| 6  | 88   | 88  | 85  | 82  | 80  | 80  | 82  | 86  | 91  | 94  | 95 | 93  | 88 | 79  | 68  | 55  | 43  | 36  | 34  | 38  | 48 | 60 | 73 | 84 | 1750 | 72.9 |   | 0:23 | 88   | 9:53  | 95  | *  | *  | *    | *  | 4:29  | 80   | 17:47 | 34 | *  | *  | *  | *  |
| 7  | 91   | 93  | 92  | 86  | 79  | 73  | 69  | 69  | 73  | 79  | 87 | 93  | 95 | 93  | 86  | 74  | 60  | 46  | 36  | 34  | 38 | 49 | 64 | 79 | 1738 | 72.4 |   | 1:6  | 93   | 12:8  | 95  | *  | *  | *    | *  | 6:29  | 69   | 18:52 | 34 | *  | *  | *  | *  |
| 8  | 91   | 98  | 99  | 93  | 83  | 71  | 61  | 55  | 55  | 61  | 72 | 84  | 94 | 100 | 100 | 92  | 78  | 61  | 45  | 36  | 34 | 41 | 55 | 72 | 1731 | 72.1 |   | 1:36 | 99   | 13:25 | 101 | *  | *  | *    | *  | 7:29  | 55   | 19:42 | 34 | *  | *  | *  | *  |
| 9  | 89   | 100 | 105 | 101 | 91  | 75  | 59  | 47  | 41  | 44  | 54 | 69  | 85 | 99  | 106 | 104 | 94  | 77  | 59  | 44  | 36 | 37 | 47 | 64 | 1727 | 72.0 |   | 2:4  | 105  | 14:19 | 106 | *  | *  | *    | *  | 8:13  | 41   | 20:22 | 35 | *  | *  | *  | *  |
| 10 | 84   | 100 | 109 | 109 | 100 | 83  | 63  | 45  | 33  | 30  | 36 | 51  | 71 | 90  | 104 | 110 | 106 | 93  | 74  | 56  | 42 | 38 | 43 | 58 | 1728 | 72.0 |   | 2:30 | 111  | 15:4  | 110 | *  | *  | *    | *  | 8:50  | 30   | 20:58 | 38 | *  | *  | *  | *  |
| 11 | 77   | 97  | 111 | 115 | 109 | 94  | 72  | 49  | 31  | 22  | 23 | 35  | 54 | 77  | 97  | 109 | 112 | 104 | 88  | 69  | 53 | 43 | 43 | 53 | 1737 | 72.4 | F | 2:55 | 115  | 15:44 | 112 | *  | *  | *    | *  | 9:24  | 21   | 21:30 | 42 | *  | *  | *  | *  |
| 12 | 71   | 92  | 109 | 118 | 117 | 104 | 83  | 58  | 35  | 20  | 15 | 22  | 38 | 61  | 85  | 103 | 111 | 110 | 99  | 82  | 65 | 52 | 47 | 52 | 1749 | 72.9 |   | 3:21 | 119  | 16:21 | 112 | *  | *  | *    | *  | 9:56  | 15   | 22:0  | 47 | *  | *  | *  | *  |
| 13 | 66   | 85  | 105 | 118 | 121 | 113 | 94  | 70  | 44  | 24  | 13 | 14  | 26 | 46  | 70  | 92  | 106 | 110 | 105 | 92  | 77 | 62 | 54 | 54 | 1761 | 73.4 |   | 3:46 | 121  | 16:56 | 110 | *  | *  | *    | *  | 10:27 | 12   | 22:29 | 53 | *  | *  | *  | *  |
| 14 | 64   | 80  | 99  | 114 | 122 | 118 | 104 | 81  | 56  | 33  | 17 | 12  | 18 | 34  | 56  | 78  | 96  | 106 | 106 | 98  | 86 | 72 | 62 | 59 | 1771 | 73.8 |   | 4:11 | 122  | 17:31 | 107 | *  | *  | *    | *  | 10:58 | 12   | 22:56 | 59 | *  | *  | *  | *  |
| 15 | 64   | 76  | 92  | 109 | 119 | 120 | 111 | 92  | 68  | 44  | 25 | 15  | 15 | 25  | 44  | 65  | 84  | 98  | 103 | 100 | 91 | 80 | 70 | 65 | 1775 | 74.0 |   | 4:37 | 121  | 18:7  | 103 | *  | *  | *    | *  | 11:29 | 13   | 23:22 | 65 | *  | *  | *  | *  |
| 16 | 66   | 74  | 87  | 102 | 114 | 119 | 114 | 100 | 79  | 56  | 36 | 22  | 17 | 22  | 35  | 53  | 72  | 87  | 96  | 98  | 94 | 86 | 77 | 71 | 1777 | 74.0 |   | 5:2  | 119  | 18:46 | 98  | *  | *  | *    | *  | 12:0  | 17   | 23:48 | 70 | *  | *  | *  | *  |
| 17 | 70   | 74  | 83  | 95  | 106 | 114 | 113 | 105 | 88  | 68  | 48 | 32  | 23 | 23  | 30  | 43  | 59  | 75  | 86  | 92  | 92 | 88 | 82 | 77 | 1766 | 73.6 |   | 5:29 | 114  | 19:33 | 93  | *  | *  | *    | *  | 12:35 | 22   | *     | *  | *  | *  | *  | *  |
| 18 | 74   | 75  | 80  | 89  | 98  | 106 | 109 | 105 | 94  | 78  | 61 | 45  | 33 | 28  | 29  | 37  | 49  | 62  | 74  | 83  | 88 | 88 | 85 | 82 | 1752 | 73.0 |   | 5:57 | 109  | 20:36 | 88  | *  | *  | *    | *  | 0:17  | 74   | 13:17 | 27 | *  | *  | *  | *  |
| 19 | 79   | 78  | 80  | 84  | 90  | 97  | 101 | 101 | 96  | 86  | 72 | 58  | 46 | 37  | 33  | 35  | 41  | 51  | 61  | 71  | 79 | 84 | 86 | 86 | 1732 | 72.2 | L | 6:32 | 102  | 22:14 | 86  | *  | *  | *    | *  | 0:56  | 78   | 14:12 | 33 | *  | *  | *  | *  |
| 20 | 84   | 82  | 81  | 81  | 83  | 87  | 91  | 93  | 93  | 89  | 81 | 71  | 60 | 50  | 42  | 38  | 38  | 42  | 50  | 59  | 69 | 77 | 84 | 87 | 1712 | 71.3 |   | 7:26 | 94   | 23:50 | 88  | *  | *  | *    | *  | 2:20  | 81   | 15:30 | 38 | *  | *  | *  | *  |
| 21 | 88   | 87  | 84  | 80  | 78  | 77  | 79  | 82  | 85  | 86  | 85 | 81  | 74 | 66  | 56  | 47  | 41  | 39  | 41  | 48  | 57 | 68 | 79 | 87 | 1695 | 70.6 |   | 9:11 | 86   | *     | *   | *  | *  | 4:49 | 77 | 17:1  | 39   | *     | *  | *  | *  |    |    |
| 22 | 91   | 92  | 88  | 82  | 75  | 69  | 66  | 67  | 71  | 77  | 83 | 86  | 86 | 81  | 73  | 62  | 51  | 42  | 38  | 40  | 47 | 58 | 72 | 84 | 1681 | 70.0 |   | 0:36 | 92   | 11:24 | 87  | *  | *  | *    | *  | 6:17  | 66   | 18:14 | 38 | *  | *  | *  | *  |
| 23 | 93   | 97  | 94  | 87  | 76  | 64  | 56  | 52  | 54  | 62  | 73 | 84  | 92 | 94  | 90  | 80  | 66  | 52  | 42  | 37  | 40 | 50 | 64 | 80 | 1679 | 70.0 |   | 1:7  | 97   | 12:51 | 94  | *  | *  | *    | *  | 7:7   | 52   | 19:8  | 37 | *  | *  | *  | *  |
| 24 | 93   | 101 | 101 | 94  | 81  | 64  | 49  | 39  | 37  | 43  | 56 | 72  | 88 | 99  | 102 | 97  | 85  | 68  | 53  | 42  | 39 | 44 | 57 | 74 | 1678 | 69.9 |   | 1:34 | 102  | 13:53 | 102 | *  | *  | *    | *  | 7:47  | 36   | 19:52 | 39 | *  | *  | *  | *  |
| 25 | 91   | 104 | 108 | 104 | 90  | 70  | 48  | 31  | 22  | 22  | 34 | 53  | 75 | 95  | 107 | 109 | 102 | 87  | 69  | 54  | 45 | 44 | 53 | 69 | 1686 | 70.3 |   | 2:0  | 108  | 14:45 | 110 | *  | *  | *    | *  | 8:25  | 21   | 20:32 | 43 | *  | *  | *  | *  |
| 26 | 88   | 105 | 114 | 114 | 102 | 81  | 56  | 31  | 14  | 7   | 12 | 29  | 54 | 80  | 101 | 112 | 113 | 103 | 87  | 69  | 55 | 49 | 53 | 65 | 1694 | 70.6 | N | 2:26 | 115  | 15:33 | 114 | *  | *  | *    | *  | 9:4   | 7    | 21:8  | 49 | *  | *  | *  | *  |
| 27 | 84   | 103 | 117 | 122 | 115 | 97  | 70  | 41  | 16  | 0   | -3 | 7   | 29 | 57  | 85  | 105 | 115 | 113 | 101 | 85  | 69 | 58 | 57 | 64 | 1707 | 71.1 |   | 2:54 | 122  | 16:20 | 115 | *  | *  | *    | *  | 9:44  | -4   | 21:42 | 56 | *  | *  | *  | *  |
| 28 | 79   | 99  | 117 | 127 | 125 | 112 | 88  | 58  | 28  | 4   | -9 | -7  | 8  | 33  | 62  | 89  | 106 | 113 | 109 | 97  | 82 | 69 | 63 | 65 | 1717 | 71.5 |   | 3:24 | 128  | 17:6  | 113 | *  | *  | *    | *  | 10:24 | -10  | 22:15 | 63 | *  | *  | *  | *  |
| 29 | 76   | 93  | 112 | 126 | 131 | 124 | 105 | 78  | 47  | 18  | -2 | -10 | -5 | 13  | 39  | 67  | 91  | 105 | 109 | 103 | 92 | 79 | 70 | 68 | 1729 | 72.0 |   | 3:56 | #131 | 17:53 | 109 | *  | *  | *    | *  | 11:6  | #-11 | 22:48 | 68 | *  | *  | *  | *  |
| 30 | 74   | 86  | 103 | 119 | 129 | 129 | 118 | 97  | 69  | 40  | 14 | -2  | -6 | 3   | 22  | 46  | 71  | 90  | 101 | 102 | 97 | 87 | 78 | 72 | 1739 | 72.5 |   | 4:30 | #131 | 18:41 | 103 | *  | *  | *    | *  | 11:50 | -6   | 23:25 | 72 | *  | *  | *  | *  |

| 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 | 52056 | 72.3 | 30日4時30分 | 131 | 2  | 29日11時6分 | -11 | 1  |

# 推算潮位（毎時・満干潮）

地点名：霧多布

緯度：43°5' N

経度：145°7' E

潮位表基準面の零点：平均海面下 81.0(cm)

2017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  | 73   | 80  | 93  | 108 | 121 | 126 | 123 | 109 | 88  | 62  | 37  | 16  | 5  | 3  | 13  | 31  | 53  | 73  | 88  | 96  | 96  | 91  | 84 | 77  | 1746 | 72.8 |   | 5:7   | 126  | 19:33 | 97  | *  | *  | *    | *  | 12:36 | 3    | *     | *  | *  | *  | *  | *  |
| 2  | 74   | 76  | 84  | 95  | 107 | 116 | 118 | 112 | 99  | 80  | 59  | 39  | 23 | 15 | 15  | 24  | 40  | 58  | 74  | 86  | 92  | 92  | 88 | 83  | 1749 | 72.9 |   | 5:49  | 118  | 20:32 | 93  | *  | *  | *    | *  | 0:8   | 74   | 13:26 | 14 | *  | *  | *  | *  |
| 3  | 78   | 75  | 77  | 83  | 91  | 99  | 105 | 106 | 101 | 91  | 76  | 60  | 45 | 33 | 26  | 27  | 34  | 46  | 61  | 75  | 85  | 90  | 91 | 88  | 1743 | 72.6 | U | 6:40  | 107  | 21:40 | 91  | *  | *  | *    | *  | 1:7   | 75   | 14:25 | 26 | *  | *  | *  | *  |
| 4  | 83   | 78  | 75  | 74  | 77  | 82  | 88  | 92  | 94  | 91  | 85  | 76  | 65 | 53 | 43  | 37  | 36  | 41  | 51  | 64  | 76  | 86  | 91 | 92  | 1730 | 72.1 |   | 7:55  | 94   | 22:48 | 92  | *  | *  | *    | *  | 2:40  | 74   | 15:36 | 36 | *  | *  | *  | *  |
| 5  | 90   | 84  | 77  | 71  | 67  | 67  | 69  | 74  | 79  | 83  | 85  | 84  | 79 | 71 | 62  | 52  | 45  | 43  | 46  | 55  | 67  | 79  | 89 | 95  | 1713 | 71.4 |   | 10:3  | 85   | 23:44 | 96  | *  | *  | *    | *  | 4:42  | 66   | 16:54 | 43 | *  | *  | *  | *  |
| 6  | 96   | 92  | 85  | 74  | 64  | 57  | 54  | 55  | 61  | 69  | 77  | 83  | 86 | 85 | 79  | 69  | 58  | 50  | 47  | 50  | 58  | 71  | 84 | 95  | 1699 | 70.8 |   | 12:12 | 86   | *     | *   | *  | *  | 6:11 | 54 | 18:3  | 47   | *     | *  | *  | *  |    |    |
| 7  | 101  | 100 | 94  | 82  | 68  | 54  | 44  | 40  | 42  | 51  | 63  | 76  | 86 | 92 | 91  | 85  | 74  | 62  | 53  | 49  | 53  | 63  | 78 | 92  | 1693 | 70.5 |   | 0:27  | 101  | 13:27 | 92  | *  | *  | *    | *  | 7:7   | 40   | 18:58 | 49 | *  | *  | *  | *  |
| 8  | 103  | 107 | 103 | 93  | 76  | 58  | 41  | 31  | 28  | 33  | 46  | 63  | 79 | 92 | 98  | 97  | 88  | 76  | 63  | 54  | 52  | 58  | 70 | 86  | 1695 | 70.6 |   | 1:4   | 107  | 14:20 | 99  | *  | *  | *    | *  | 7:50  | 28   | 19:44 | 52 | *  | *  | *  | *  |
| 9  | 101  | 110 | 111 | 103 | 87  | 67  | 45  | 28  | 19  | 20  | 30  | 47  | 67 | 86 | 99  | 104 | 100 | 89  | 75  | 62  | 55  | 56  | 65 | 80  | 1706 | 71.1 |   | 1:37  | 112  | 15:3  | 104 | *  | *  | *    | *  | 8:27  | 18   | 20:25 | 55 | *  | *  | *  | *  |
| 10 | 96   | 110 | 116 | 112 | 99  | 78  | 54  | 32  | 17  | 11  | 16  | 31  | 53 | 76 | 94  | 105 | 107 | 100 | 88  | 73  | 62  | 58  | 62 | 74  | 1724 | 71.8 |   | 2:8   | 116  | 15:42 | 108 | *  | *  | *    | *  | 9:1   | 11   | 21:1  | 58 | *  | *  | *  | *  |
| 11 | 90   | 107 | 117 | 118 | 109 | 91  | 66  | 41  | 20  | 8   | 8   | 19  | 38 | 62 | 85  | 102 | 109 | 107 | 98  | 84  | 72  | 63  | 63 | 70  | 1747 | 72.8 | F | 2:38  | 119  | 16:18 | 110 | *  | *  | *    | *  | 9:33  | 7    | 21:35 | 62 | *  | *  | *  | *  |
| 12 | 84   | 101 | 115 | 121 | 117 | 102 | 79  | 53  | 28  | 11  | 5   | 10  | 26 | 48 | 73  | 94  | 106 | 110 | 105 | 94  | 81  | 70  | 66 | 69  | 1768 | 73.7 |   | 3:6   | 121  | 16:53 | 110 | *  | *  | *    | *  | 10:4  | 5    | 22:7  | 66 | *  | *  | *  | *  |
| 13 | 79   | 95  | 110 | 120 | 121 | 111 | 91  | 66  | 40  | 19  | 7   | 6   | 17 | 36 | 60  | 83  | 100 | 108 | 108 | 100 | 89  | 78  | 71 | 70  | 1785 | 74.4 |   | 3:34  | 122  | 17:27 | 109 | *  | *  | *    | *  | 10:34 | 5    | 22:37 | 69 | *  | *  | *  | *  |
| 14 | 76   | 89  | 103 | 116 | 121 | 116 | 101 | 79  | 53  | 30  | 14  | 7   | 12 | 27 | 48  | 70  | 90  | 102 | 107 | 103 | 95  | 85  | 76 | 72  | 1792 | 74.7 |   | 4:2   | 121  | 18:2  | 107 | *  | *  | *    | *  | 11:5  | 7    | 23:8  | 72 | *  | *  | *  | *  |
| 15 | 75   | 83  | 96  | 109 | 117 | 117 | 107 | 90  | 67  | 43  | 24  | 13  | 12 | 21 | 37  | 58  | 78  | 93  | 102 | 103 | 98  | 90  | 81 | 76  | 1790 | 74.6 |   | 4:31  | 118  | 18:40 | 103 | *  | *  | *    | *  | 11:37 | 11   | 23:41 | 75 | *  | *  | *  | *  |
| 16 | 75   | 80  | 89  | 100 | 110 | 114 | 110 | 97  | 78  | 57  | 37  | 23  | 16 | 19 | 30  | 47  | 66  | 82  | 94  | 99  | 99  | 93  | 86 | 80  | 1781 | 74.2 |   | 5:1   | 114  | 19:21 | 100 | *  | *  | *    | *  | 12:11 | 16   | *     | *  | *  | *  | *  | *  |
| 17 | 77   | 77  | 83  | 91  | 100 | 107 | 107 | 101 | 87  | 69  | 51  | 35  | 25 | 23 | 28  | 39  | 55  | 70  | 84  | 93  | 96  | 95  | 90 | 84  | 1767 | 73.6 |   | 5:35  | 108  | 20:10 | 96  | *  | *  | *    | *  | 0:19  | 76   | 12:49 | 22 | *  | *  | *  | *  |
| 18 | 79   | 77  | 78  | 83  | 90  | 96  | 100 | 99  | 92  | 79  | 64  | 49  | 37 | 31 | 30  | 36  | 46  | 59  | 73  | 84  | 92  | 94  | 93 | 89  | 1750 | 72.9 |   | 6:17  | 100  | 21:8  | 94  | *  | *  | *    | *  | 1:10  | 77   | 13:35 | 29 | *  | *  | *  | *  |
| 19 | 83   | 79  | 76  | 76  | 79  | 84  | 89  | 91  | 91  | 85  | 76  | 64  | 53 | 43 | 38  | 37  | 42  | 51  | 62  | 74  | 85  | 92  | 94 | 93  | 1737 | 72.4 | L | 7:18  | 92   | 22:9  | 94  | *  | *  | *    | *  | 2:28  | 75   | 14:35 | 37 | *  | *  | *  | *  |
| 20 | 89   | 82  | 76  | 71  | 69  | 70  | 74  | 79  | 83  | 84  | 82  | 77  | 68 | 59 | 51  | 45  | 44  | 47  | 54  | 65  | 77  | 87  | 94 | 97  | 1724 | 71.8 |   | 8:57  | 84   | 23:3  | 97  | *  | *  | *    | *  | 4:10  | 69   | 15:50 | 44 | *  | *  | *  | *  |
| 21 | 95   | 88  | 80  | 70  | 62  | 57  | 57  | 61  | 68  | 76  | 82  | 84  | 82 | 76 | 68  | 59  | 52  | 49  | 51  | 58  | 69  | 81  | 92 | 99  | 1716 | 71.5 |   | 11:1  | 84   | 23:47 | 101 | *  | *  | *    | *  | 5:32  | 57   | 17:7  | 49 | *  | *  | *  | *  |
| 22 | 101  | 97  | 87  | 74  | 60  | 48  | 42  | 42  | 49  | 60  | 72  | 83  | 89 | 90 | 86  | 77  | 66  | 58  | 54  | 56  | 63  | 75  | 89 | 100 | 1718 | 71.6 |   | 12:38 | 91   | *     | *   | *  | *  | 6:28 | 41 | 18:12 | 54   | *     | *  | *  | *  |    |    |
| 23 | 106  | 106 | 98  | 83  | 64  | 46  | 32  | 25  | 27  | 38  | 54  | 72  | 88 | 97 | 99  | 94  | 84  | 72  | 63  | 59  | 62  | 71  | 85 | 99  | 1724 | 71.8 |   | 0:24  | 107  | 13:47 | 99  | *  | *  | *    | *  | 7:15  | 25   | 19:5  | 59 | *  | *  | *  | *  |
| 24 | 110  | 114 | 110 | 97  | 76  | 52  | 30  | 15  | 9   | 15  | 31  | 52  | 75 | 94 | 105 | 107 | 100 | 89  | 76  | 67  | 64  | 69  | 80 | 96  | 1733 | 72.2 |   | 1:0   | 114  | 14:43 | 107 | *  | *  | *    | *  | 7:59  | 9    | 19:52 | 64 | *  | *  | *  | *  |
| 25 | 111  | 120 | 121 | 112 | 93  | 67  | 38  | 15  | 0   | -3  | 7   | 28  | 54 | 80 | 100 | 111 | 111 | 103 | 91  | 78  | 70  | 70  | 77 | 91  | 1745 | 72.7 |   | 1:35  | 122  | 15:33 | 112 | *  | *  | *    | *  | 8:42  | -3   | 20:34 | 69 | *  | *  | *  | *  |
| 26 | 107  | 122 | 129 | 126 | 111 | 87  | 56  | 26  | 2   | -10 | -9  | 5   | 30 | 59 | 86  | 105 | 114 | 112 | 103 | 90  | 79  | 74  | 76 | 85  | 1765 | 73.5 | N | 2:12  | 129  | 16:21 | 114 | *  | *  | *    | *  | 9:26  | -12  | 21:14 | 73 | *  | *  | *  | *  |
| 27 | 101  | 118 | 130 | 134 | 126 | 107 | 79  | 47  | 16  | -5  | -14 | -9  | 9  | 36 | 65  | 91  | 107 | 114 | 110 | 100 | 88  | 79  | 76 | 80  | 1785 | 74.4 |   | 2:50  | 134  | 17:7  | 114 | *  | *  | *    | *  | 10:9  | #-15 | 21:55 | 76 | *  | *  | *  | *  |
| 28 | 92   | 108 | 124 | 134 | 134 | 123 | 101 | 71  | 39  | 11  | -7  | -12 | -3 | 17 | 45  | 72  | 95  | 108 | 111 | 106 | 96  | 85  | 78 | 77  | 1805 | 75.2 |   | 3:30  | #136 | 17:51 | 111 | *  | *  | *    | *  | 10:53 | -12  | 22:37 | 77 | *  | *  | *  | *  |
| 29 | 84   | 96  | 112 | 126 | 133 | 130 | 116 | 93  | 64  | 35  | 11  | -3  | -4 | 7  | 29  | 54  | 79  | 97  | 107 | 107 | 101 | 91  | 82 | 76  | 1823 | 76.0 |   | 4:12  | 133  | 18:34 | 108 | *  | *  | *    | *  | 11:36 | -5   | 23:23 | 76 | *  | *  | *  | *  |
| 30 | 77   | 85  | 97  | 112 | 123 | 127 | 121 | 107 | 85  | 59  | 34  | 16  | 6  | 8  | 21  | 41  | 64  | 85  | 99  | 105 | 104 | 97  | 87 | 78  | 1838 | 76.6 |   | 4:57  | 127  | 19:16 | 105 | *  | *  | *    | *  | 12:20 | 6    | *     | *  | *  | *  | *  | *  |
| 31 | 74   | 75  | 83  | 94  | 106 | 115 | 116 | 110 | 97  | 78  | 57  | 38  | 24 | 18 | 23  | 35  | 53  | 73  | 90  | 100 | 104 | 101 | 93 | 84  | 1841 | 76.7 |   | 5:45  | 117  | 19:59 | 104 | *  | *  | *    | *  | 0:17  | 74   | 13:4  | 18 | *  | *  | *  | *  |

| 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 | 54332 | 73.0 | 28日3時30分 | 136 | 1  | 27日10時9分 | -15 | 1  |

# 推算潮位 ( 毎時・満干潮 )

地点名: 霧多布

緯度: 43 ° 5 N

経度: 145 ° 7 E

潮位表基準面の零点: 平均海面下 81.0(cm)

2017 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  | 76   | 71  | 72  | 78  | 87  | 96  | 103 | 104 | 99  | 88 | 74 | 58 | 44 | 34 | 32  | 37  | 48  | 64  | 80  | 94  | 102 | 103 | 99  | 91  | 1834 | 76.4 | U | 6:43  | 104  | 20:44 | 103 | *  | *  | *    | *  | 1:21  | 71   | 13:52 | 32 | *  | *  | *  | *  |
| 2  | 81   | 73  | 67  | 66  | 70  | 76  | 84  | 90  | 92  | 89 | 83 | 73 | 62 | 52 | 46  | 44  | 49  | 58  | 72  | 86  | 97  | 103 | 104 | 99  | 1816 | 75.7 |   | 7:58  | 92   | 21:33 | 104 | *  | *  | *    | *  | 2:42  | 66   | 14:46 | 44 | *  | *  | *  | *  |
| 3  | 90   | 80  | 70  | 62  | 59  | 60  | 64  | 71  | 78  | 82 | 84 | 81 | 76 | 69 | 62  | 56  | 54  | 58  | 66  | 78  | 91  | 101 | 106 | 105 | 1803 | 75.1 |   | 9:50  | 84   | 22:26 | 106 | *  | *  | *    | *  | 4:15  | 59   | 15:51 | 54 | *  | *  | *  | *  |
| 4  | 100  | 90  | 77  | 65  | 55  | 49  | 48  | 53  | 60  | 69 | 77 | 82 | 84 | 82 | 77  | 70  | 64  | 62  | 64  | 72  | 83  | 95  | 104 | 109 | 1791 | 74.6 |   | 11:59 | 84   | 23:17 | 109 | *  | *  | *    | *  | 5:36  | 48   | 17: 1 | 62 | *  | *  | *  | *  |
| 5  | 108  | 101 | 88  | 73  | 58  | 45  | 38  | 37  | 43  | 53 | 66 | 77 | 86 | 90 | 89  | 84  | 77  | 70  | 67  | 69  | 76  | 88  | 100 | 109 | 1792 | 74.7 |   | 13:22 | 90   | *     | *   | *  | *  | 6:36 | 37 | 18: 6 | 66   | *     | *  | *  | *  |    |    |
| 6  | 113  | 110 | 100 | 85  | 66  | 48  | 35  | 28  | 29  | 37 | 51 | 67 | 82 | 92 | 97  | 96  | 89  | 80  | 73  | 70  | 73  | 81  | 93  | 105 | 1800 | 75.0 |   | 0: 5  | 113  | 14:17 | 98  | *  | *  | *    | *  | 7:22  | 27   | 19: 3 | 70 | *  | *  | *  | *  |
| 7  | 114  | 116 | 111 | 98  | 79  | 57  | 38  | 24  | 19  | 23 | 36 | 54 | 73 | 90 | 100 | 104 | 101 | 92  | 82  | 74  | 72  | 76  | 86  | 100 | 1819 | 75.8 |   | 0:48  | 116  | 15: 0 | 104 | *  | *  | *    | *  | 8: 2  | 19   | 19:51 | 72 | *  | *  | *  | *  |
| 8  | 112  | 119 | 118 | 109 | 92  | 69  | 46  | 27  | 15  | 14 | 23 | 40 | 61 | 82 | 98  | 108 | 109 | 103 | 92  | 82  | 75  | 75  | 81  | 93  | 1843 | 76.8 |   | 1:26  | 120  | 15:37 | 109 | *  | *  | *    | *  | 8:38  | 13   | 20:34 | 74 | *  | *  | *  | *  |
| 9  | 107  | 118 | 123 | 118 | 104 | 83  | 58  | 34  | 17  | 10 | 13 | 27 | 48 | 71 | 92  | 106 | 112 | 110 | 101 | 90  | 81  | 76  | 78  | 87  | 1864 | 77.7 | F | 2: 1  | 123  | 16:12 | 112 | *  | *  | *    | *  | 9:11  | 9    | 21:12 | 76 | *  | *  | *  | *  |
| 10 | 100  | 114 | 123 | 124 | 115 | 96  | 72  | 46  | 24  | 11 | 8  | 17 | 35 | 58 | 82  | 101 | 112 | 114 | 108 | 98  | 87  | 80  | 77  | 82  | 1884 | 78.5 |   | 2:35  | 125  | 16:45 | 114 | *  | *  | *    | *  | 9:44  | 8    | 21:48 | 77 | *  | *  | *  | *  |
| 11 | 94   | 108 | 120 | 126 | 122 | 108 | 86  | 60  | 35  | 17 | 8  | 11 | 24 | 46 | 70  | 91  | 107 | 114 | 112 | 104 | 94  | 84  | 79  | 80  | 1900 | 79.2 |   | 3: 8  | 126  | 17:18 | 114 | *  | *  | *    | *  | 10:16 | 8    | 22:22 | 78 | *  | *  | *  | *  |
| 12 | 87   | 100 | 113 | 123 | 125 | 116 | 98  | 74  | 49  | 27 | 13 | 10 | 18 | 35 | 57  | 80  | 99  | 110 | 113 | 109 | 99  | 89  | 81  | 78  | 1903 | 79.3 |   | 3:40  | 125  | 17:51 | 113 | *  | *  | *    | *  | 10:48 | 10   | 22:57 | 78 | *  | *  | *  | *  |
| 13 | 82   | 92  | 105 | 117 | 123 | 120 | 108 | 87  | 63  | 40 | 22 | 14 | 15 | 27 | 46  | 68  | 89  | 104 | 111 | 110 | 104 | 94  | 85  | 79  | 1905 | 79.4 |   | 4:13  | 123  | 18:25 | 111 | *  | *  | *    | *  | 11:20 | 13   | 23:33 | 78 | *  | *  | *  | *  |
| 14 | 78   | 84  | 95  | 107 | 116 | 119 | 112 | 98  | 77  | 55 | 35 | 22 | 18 | 24 | 38  | 58  | 78  | 95  | 106 | 109 | 106 | 98  | 89  | 81  | 1898 | 79.1 |   | 4:48  | 119  | 19: 0 | 109 | *  | *  | *    | *  | 11:53 | 18   | *     | *  | *  | *  |    |    |
| 15 | 77   | 78  | 85  | 95  | 106 | 112 | 112 | 103 | 88  | 69 | 49 | 34 | 26 | 26 | 34  | 49  | 68  | 85  | 99  | 106 | 107 | 102 | 94  | 84  | 1888 | 78.7 |   | 5:28  | 113  | 19:37 | 108 | *  | *  | *    | *  | 0:15  | 77   | 12:29 | 25 | *  | *  | *  | *  |
| 16 | 77   | 74  | 76  | 83  | 92  | 101 | 105 | 103 | 95  | 81 | 64 | 49 | 38 | 33 | 36  | 45  | 60  | 76  | 91  | 101 | 106 | 105 | 99  | 90  | 1880 | 78.3 |   | 6:15  | 105  | 20:16 | 106 | *  | *  | *    | *  | 1: 5  | 74   | 13: 8 | 33 | *  | *  | *  | *  |
| 17 | 80   | 73  | 70  | 72  | 77  | 85  | 93  | 97  | 95  | 89 | 78 | 65 | 53 | 45 | 43  | 46  | 56  | 69  | 83  | 95  | 104 | 107 | 104 | 96  | 1875 | 78.1 | L | 7:17  | 97   | 20:58 | 107 | *  | *  | *    | *  | 2: 9  | 70   | 13:54 | 43 | *  | *  | *  | *  |
| 18 | 86   | 76  | 68  | 63  | 63  | 68  | 75  | 83  | 88  | 89 | 86 | 79 | 70 | 61 | 55  | 53  | 57  | 65  | 76  | 89  | 100 | 107 | 108 | 104 | 1869 | 77.9 |   | 8:44  | 90   | 21:43 | 108 | *  | *  | *    | *  | 3:26  | 63   | 14:50 | 53 | *  | *  | *  | *  |
| 19 | 95   | 83  | 70  | 60  | 53  | 52  | 56  | 64  | 73  | 82 | 87 | 87 | 84 | 78 | 71  | 65  | 63  | 66  | 73  | 84  | 95  | 105 | 111 | 111 | 1868 | 77.8 |   | 10:37 | 87   | 22:30 | 112 | *  | *  | *    | *  | 4:44  | 51   | 15:58 | 63 | *  | *  | *  | *  |
| 20 | 105  | 94  | 79  | 63  | 49  | 40  | 37  | 42  | 52  | 65 | 78 | 87 | 92 | 92 | 88  | 81  | 75  | 72  | 74  | 80  | 91  | 102 | 112 | 117 | 1867 | 77.8 |   | 12:27 | 92   | 23:19 | 118 | *  | *  | *    | *  | 5:50  | 37   | 17: 9 | 72 | *  | *  | *  | *  |
| 21 | 116  | 108 | 93  | 74  | 54  | 36  | 25  | 23  | 29  | 43 | 60 | 78 | 91 | 99 | 101 | 97  | 90  | 83  | 79  | 80  | 87  | 98  | 110 | 120 | 1874 | 78.1 |   | 13:46 | 101  | *     | *   | *  | *  | 6:46 | 23 | 18:14 | 79   | *     | *  | *  | *  |    |    |
| 22 | 124  | 121 | 110 | 92  | 68  | 43  | 23  | 11  | 10  | 19 | 37 | 59 | 80 | 97 | 106 | 108 | 103 | 95  | 87  | 83  | 85  | 93  | 104 | 117 | 1875 | 78.1 |   | 0: 8  | 124  | 14:45 | 108 | *  | *  | *    | *  | 7:38  | 9    | 19:13 | 83 | *  | *  | *  | *  |
| 23 | 128  | 131 | 126 | 111 | 89  | 61  | 33  | 12  | 0   | 1  | 14 | 35 | 61 | 85 | 103 | 112 | 113 | 107 | 97  | 89  | 86  | 88  | 97  | 110 | 1889 | 78.7 |   | 0:57  | 131  | 15:35 | 114 | *  | *  | *    | *  | 8:26  | -1   | 20: 5 | 85 | *  | *  | *  | *  |
| 24 | 124  | 135 | 137 | 129 | 111 | 84  | 53  | 24  | 3   | -6 | -2 | 14 | 39 | 67 | 92  | 109 | 116 | 115 | 107 | 96  | 88  | 85  | 89  | 100 | 1909 | 79.5 | N | 1:45  | 137  | 16:19 | 117 | *  | *  | *    | *  | 9:13  | # -7 | 20:55 | 85 | *  | *  | *  | *  |
| 25 | 115  | 130 | 139 | 140 | 129 | 108 | 78  | 46  | 18  | -1 | -7 | 0  | 20 | 47 | 75  | 98  | 113 | 118 | 113 | 104 | 93  | 85  | 83  | 89  | 1933 | 80.5 |   | 2:32  | #141 | 16:59 | 118 | *  | *  | *    | *  | 9:58  | # -7 | 21:43 | 83 | *  | *  | *  | *  |
| 26 | 101  | 117 | 132 | 141 | 139 | 125 | 102 | 72  | 41  | 16 | 0  | -2 | 9  | 31 | 58  | 85  | 105 | 116 | 117 | 110 | 98  | 87  | 80  | 80  | 1960 | 81.7 |   | 3:19  | #141 | 17:36 | 117 | *  | *  | *    | *  | 10:41 | -3   | 22:31 | 79 | *  | *  | *  | *  |
| 27 | 87   | 101 | 117 | 131 | 137 | 133 | 118 | 95  | 66  | 38 | 17 | 6  | 8  | 22 | 45  | 71  | 95  | 110 | 117 | 114 | 104 | 92  | 81  | 75  | 1980 | 82.5 |   | 4: 7  | 138  | 18:11 | 117 | *  | *  | *    | *  | 11:22 | 5    | 23:21 | 74 | *  | *  | *  | *  |
| 28 | 76   | 85  | 99  | 114 | 126 | 130 | 124 | 109 | 87  | 61 | 38 | 22 | 16 | 22 | 38  | 60  | 84  | 103 | 114 | 116 | 110 | 99  | 86  | 75  | 1994 | 83.1 |   | 4:55  | 130  | 18:43 | 117 | *  | *  | *    | *  | 12: 0 | 16   | *     | *  | *  | *  |    |    |
| 29 | 70   | 72  | 81  | 94  | 108 | 117 | 120 | 113 | 99  | 80 | 59 | 41 | 31 | 29 | 38  | 54  | 75  | 95  | 110 | 117 | 115 | 106 | 93  | 80  | 1997 | 83.2 |   | 5:45  | 120  | 19:17 | 117 | *  | *  | *    | *  | 0:13  | 70   | 12:38 | 29 | *  | *  | *  | *  |
| 30 | 70   | 65  | 68  | 76  | 87  | 99  | 106 | 108 | 102 | 90 | 75 | 60 | 48 | 42 | 44  | 54  | 69  | 88  | 104 | 115 | 118 | 113 | 103 | 89  | 1993 | 83.0 |   | 6:40  | 108  | 19:52 | 118 | *  | *  | *    | *  | 1:10  | 65   | 13:15 | 42 | *  | *  | *  | *  |

| 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 | 56503 | 78.5 | 26 日 3 時 19 分 | 141 | 2  | 25 日 9 時 58 分 | -7 | 2  |

# 推算潮位（毎時・満干潮）

地点名：霧多布

緯度：43°5' N

経度：145°7' E

潮位表基準面の零点：平均海面下 81.0(cm)

2017 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  | 76   | 66  | 62  | 63  | 70  | 79  | 88  | 95  | 96  | 92 | 84 | 74 | 64 | 57  | 54  | 58  | 67  | 81  | 97  | 110 | 117 | 117 | 111 | 100  | 1978 | 82.4 | U    | 7:45  | 96    | 20:32 | 118 | *  | *  | *    | *    | 2:15  | 61    | 13:56 | 54 | *  | *  | *  | *  |
| 2  | 86   | 73  | 63  | 58  | 57  | 62  | 70  | 78  | 85  | 88 | 87 | 83 | 77 | 71  | 67  | 66  | 69  | 78  | 90  | 103 | 113 | 118 | 116 | 109  | 1967 | 82.0 |      | 9:16  | 88    | 21:18 | 118 | *  | *  | *    | *    | 3:31  | 57    | 14:44 | 66 | *  | *  | *  | *  |
| 3  | 98   | 85  | 71  | 60  | 52  | 51  | 54  | 61  | 69  | 77 | 83 | 86 | 86 | 84  | 80  | 76  | 75  | 78  | 85  | 95  | 106 | 114 | 118 | 116  | 1960 | 81.7 |      | 11:30 | 86    | 22:10 | 118 | *  | *  | *    | *    | 4:51  | 51    | 15:50 | 75 | *  | *  | *  | *  |
| 4  | 109  | 97  | 83  | 68  | 55  | 46  | 43  | 46  | 54  | 64 | 75 | 84 | 90 | 92  | 92  | 88  | 84  | 82  | 83  | 89  | 98  | 108 | 115 | 119  | 1964 | 81.8 |      | 13:15 | 93    | 23: 7 | 119 | *  | *  | *    | *    | 5:59  | 43    | 17: 8 | 82 | *  | *  | *  | *  |
| 5  | 117  | 109 | 96  | 79  | 62  | 48  | 38  | 35  | 40  | 50 | 63 | 77 | 89 | 97  | 100 | 99  | 94  | 89  | 86  | 86  | 92  | 100 | 110 | 118  | 1974 | 82.3 |      | 14:13 | 100   | *     | *   | *  | *  | 6:53 | 35   | 18:21 | 85    | *     | *  | *  | *  |    |    |
| 6  | 121  | 118 | 108 | 93  | 74  | 55  | 39  | 30  | 29  | 36 | 49 | 66 | 83 | 96  | 105 | 107 | 104 | 98  | 91  | 87  | 88  | 93  | 103 | 113  | 1986 | 82.8 |      | 0: 2  | 121   | 14:54 | 107 | *  | *  | *    | *    | 7:37  | 28    | 19:22 | 86 | *  | *  | *  | *  |
| 7  | 121  | 124 | 119 | 106 | 88  | 66  | 46  | 30  | 23  | 25 | 36 | 53 | 73 | 91  | 105 | 112 | 112 | 106 | 98  | 90  | 86  | 88  | 96  | 107  | 2001 | 83.4 |      | 0:51  | 124   | 15:29 | 113 | *  | *  | *    | *    | 8:16  | 23    | 20:11 | 86 | *  | *  | *  | *  |
| 8  | 118  | 125 | 126 | 118 | 102 | 80  | 56  | 36  | 22  | 18 | 25 | 40 | 61 | 83  | 101 | 113 | 117 | 113 | 105 | 95  | 88  | 85  | 89  | 99   | 2015 | 84.0 |      | 1:35  | 127   | 16: 0 | 117 | *  | *  | *    | *    | 8:52  | 18    | 20:53 | 85 | *  | *  | *  | *  |
| 9  | 112  | 123 | 129 | 127 | 115 | 95  | 70  | 46  | 27  | 17 | 17 | 28 | 48 | 71  | 93  | 109 | 118 | 118 | 111 | 101 | 91  | 85  | 85  | 91   | 2027 | 84.5 | F    | 2:14  | 130   | 16:31 | 119 | *  | *  | *    | *    | 9:26  | 16    | 21:31 | 84 | *  | *  | *  | *  |
| 10 | 103  | 117 | 128 | 131 | 125 | 109 | 85  | 59  | 36  | 20 | 15 | 20 | 36 | 59  | 82  | 103 | 116 | 120 | 116 | 107 | 95  | 86  | 82  | 84   | 2034 | 84.8 |      | 2:51  | 131   | 17: 0 | 120 | *  | *  | *    | *    | 10: 0 | 15    | 22: 7 | 82 | *  | *  | *  | *  |
| 11 | 94   | 108 | 122 | 130 | 130 | 119 | 100 | 75  | 49  | 29 | 17 | 17 | 28 | 47  | 71  | 93  | 110 | 119 | 119 | 112 | 100 | 88  | 81  | 79   | 2037 | 84.9 |      | 3:28  | 132   | 17:29 | 120 | *  | *  | *    | *    | 10:32 | 16    | 22:43 | 79 | *  | *  | *  | *  |
| 12 | 85   | 97  | 112 | 124 | 130 | 126 | 111 | 90  | 65  | 42 | 25 | 19 | 24 | 39  | 60  | 83  | 103 | 116 | 120 | 116 | 105 | 93  | 82  | 76   | 2043 | 85.1 |      | 4: 5  | 130   | 17:58 | 120 | *  | *  | *    | *    | 11: 4 | 19    | 23:20 | 75 | *  | *  | *  | *  |
| 13 | 77   | 86  | 99  | 113 | 124 | 126 | 118 | 102 | 80  | 57 | 38 | 26 | 26 | 35  | 52  | 74  | 95  | 111 | 119 | 118 | 110 | 98  | 85  | 75   | 2044 | 85.2 |      | 4:44  | 126   | 18:26 | 119 | *  | *  | *    | *    | 11:35 | 25    | *     | *  | *  | *  |    |    |
| 14 | 72   | 75  | 85  | 99  | 112 | 119 | 119 | 109 | 93  | 72 | 52 | 38 | 32 | 36  | 48  | 66  | 87  | 104 | 116 | 119 | 114 | 104 | 90  | 78   | 2039 | 85.0 |      | 5:26  | 120   | 18:55 | 119 | *  | *  | *    | *    | 0: 0  | 72    | 12: 7 | 32 | *  | *  | *  | *  |
| 15 | 69   | 67  | 72  | 83  | 96  | 107 | 113 | 111 | 101 | 85 | 68 | 53 | 44 | 42  | 49  | 63  | 80  | 98  | 111 | 118 | 118 | 110 | 98  | 83   | 2039 | 85.0 |      | 6:15  | 113   | 19:25 | 119 | *  | *  | *    | *    | 0:46  | 67    | 12:40 | 42 | *  | *  | *  | *  |
| 16 | 71   | 64  | 63  | 68  | 78  | 90  | 99  | 104 | 102 | 94 | 82 | 69 | 58 | 53  | 55  | 63  | 76  | 92  | 106 | 116 | 120 | 116 | 106 | 93   | 2038 | 84.9 |      | 7:13  | 104   | 19:58 | 120 | *  | *  | *    | *    | 1:40  | 62    | 13:16 | 53 | *  | *  | *  | *  |
| 17 | 78   | 66  | 58  | 57  | 61  | 70  | 81  | 90  | 96  | 95 | 90 | 82 | 74 | 68  | 65  | 68  | 76  | 88  | 101 | 113 | 120 | 121 | 115 | 104  | 2037 | 84.9 | L    | 8:29  | 96    | 20:37 | 121 | *  | *  | *    | *    | 2:45  | 56    | 13:57 | 65 | *  | *  | *  | *  |
| 18 | 89   | 74  | 61  | 52  | 48  | 51  | 59  | 70  | 81  | 88 | 92 | 91 | 87 | 82  | 79  | 77  | 80  | 87  | 97  | 108 | 118 | 123 | 122 | 116  | 2032 | 84.7 |      | 10:17 | 92    | 21:24 | 123 | *  | *  | *    | *    | 4: 1  | 48    | 14:50 | 77 | *  | *  | *  | *  |
| 19 | 104  | 88  | 71  | 55  | 44  | 38  | 40  | 48  | 60  | 73 | 84 | 91 | 95 | 95  | 92  | 89  | 87  | 89  | 94  | 103 | 113 | 121 | 126 | 125  | 2025 | 84.4 |      | 12:29 | 95    | 22:23 | 126 | *  | *  | *    | *    | 5:17  | 38    | 16: 3 | 87 | *  | *  | *  | *  |
| 20 | 118  | 106 | 89  | 69  | 50  | 35  | 28  | 28  | 37  | 51 | 68 | 83 | 94 | 101 | 103 | 101 | 97  | 94  | 94  | 98  | 106 | 115 | 124 | 130  | 2019 | 84.1 |      | 13:55 | 103   | 23:30 | 131 | *  | *  | *    | *    | 6:24  | 27    | 17:29 | 94 | *  | *  | *  | *  |
| 21 | 130  | 123 | 109 | 89  | 66  | 43  | 26  | 17  | 18  | 29 | 46 | 67 | 86 | 100 | 109 | 110 | 107 | 101 | 96  | 95  | 99  | 106 | 117 | 127  | 2016 | 84.0 |      | 14:49 | 111   | *     | *   | *  | *  | 7:23 | 16   | 18:47 | 95    | *     | *  | *  | *  |    |    |
| 22 | 135  | 135 | 128 | 112 | 88  | 62  | 36  | 18  | 9   | 12 | 25 | 46 | 70 | 92  | 107 | 115 | 115 | 109 | 101 | 94  | 92  | 96  | 105 | 118  | 2020 | 84.2 |      | 0:35  | 136   | 15:30 | 116 | *  | *  | *    | *    | 8:15  | 9     | 19:53 | 92 | *  | *  | *  | *  |
| 23 | 131  | 139 | 140 | 131 | 112 | 86  | 57  | 30  | 12  | 5  | 11 | 28 | 52 | 78  | 100 | 114 | 119 | 116 | 107 | 97  | 89  | 87  | 92  | 103  | 2036 | 84.8 | N    | 1:35  | 141   | 16: 5 | 119 | *  | *  | *    | *    | 9: 3  | # 5   | 20:48 | 87 | *  | *  | *  | *  |
| 24 | 118  | 133 | 142 | 142 | 131 | 110 | 82  | 51  | 26  | 9  | 6  | 16 | 36 | 63  | 89  | 109 | 120 | 121 | 114 | 102 | 89  | 81  | 80  | 87   | 2057 | 85.7 |      | 2:29  | #144  | 16:37 | 122 | *  | *  | *    | *    | 9:46  | 6     | 21:37 | 80 | *  | *  | *  | *  |
| 25 | 101  | 119 | 134 | 143 | 141 | 127 | 104 | 76  | 47  | 24 | 12 | 13 | 26 | 50  | 77  | 101 | 117 | 124 | 120 | 108 | 93  | 80  | 73  | 74   | 2084 | 86.8 |      | 3:19  | 143   | 17: 6 | 124 | *  | *  | *    | *    | 10:25 | 10    | 22:24 | 72 | *  | *  | *  | *  |
| 26 | 83   | 99  | 118 | 133 | 140 | 135 | 120 | 97  | 69  | 43 | 25 | 19 | 25 | 42  | 67  | 92  | 113 | 124 | 124 | 116 | 101 | 84  | 71  | 66   | 2106 | 87.8 |      | 4: 7  | 140   | 17:33 | 125 | *  | *  | *    | *    | 11: 2 | 19    | 23:10 | 66 | *  | *  | *  | *  |
| 27 | 69   | 80  | 98  | 116 | 128 | 133 | 126 | 110 | 88  | 64 | 43 | 31 | 30 | 40  | 60  | 84  | 107 | 122 | 127 | 122 | 110 | 93  | 76  | 64   | 2121 | 88.4 |      | 4:53  | 133   | 18: 1 | 127 | *  | *  | *    | *    | 11:35 | 29    | 23:55 | 61 | *  | *  | *  | *  |
| 28 | 61   | 66  | 78  | 95  | 111 | 121 | 123 | 115 | 100 | 80 | 61 | 47 | 41 | 45  | 58  | 78  | 100 | 117 | 127 | 127 | 118 | 103 | 85  | 70   | 2127 | 88.6 |      | 5:40  | 123   | 18:30 | 128 | *  | *  | *    | *    | 12: 7 | 41    | *     | *  | *  | *  |    |    |
| 29 | 60   | 58  | 64  | 76  | 91  | 104 | 112 | 111 | 104 | 91 | 76 | 62 | 54 | 53  | 60  | 75  | 93  | 111 | 124 | 129 | 124 | 113 | 96  | 80   | 2121 | 88.4 |      | 6:28  | 112   | 19: 1 | 129 | *  | *  | *    | *    | 0:44  | 58    | 12:37 | 52 | *  | *  | *  | *  |
| 30 | 66   | 58  | 57  | 63  | 74  | 86  | 96  | 101 | 101 | 95 | 85 | 75 | 67 | 64  | 66  | 75  | 88  | 104 | 118 | 126 | 127 | 120 | 107 | 92   | 2111 | 88.0 |      | 7:23  | 102   | 19:35 | 128 | *  | *  | *    | *    | 1:37  | 56    | 13: 7 | 64 | *  | *  | *  | *  |
| 31 | 77   | 64  | 57  | 57  | 61  | 70  | 79  | 88  | 92  | 93 | 90 | 85 | 79 | 75  | 78  | 87  | 98  | 110 | 120 | 125 | 123 | 115 | 103 | 2101 | 87.5 | U    | 8:35 | 93    | 20:15 | 125   | *   | *  | *  | *    | 2:39 | 56    | 13:41 | 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 |
| 744      | 63159        | 84.9          | 24日2時29分 | 144 | 1  | 23日9時3分 | 5  | 1  |

# 推算潮位 (毎時・満干潮)

地点名: 霧多布

緯度: 43 ° 5 N

経度: 145 ° 7 E

潮位表基準面の零点: 平均海面下 81.0(cm)

2017 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  | 89   | 75  | 64  | 57  | 55  | 58  | 64  | 73  | 80  | 86 | 89 | 89 | 88 | 86  | 85  | 85  | 88  | 94  | 103 | 112 | 119 | 122 | 120 | 112  | 2093 | 87.2 |      | 10:44 | 89    | 21: 3 | 122 | *  | *  | *    | *     | 3:54  | 55   | 14:29 | 85 | *  | *  | *  | *  |
| 2  | 101  | 88  | 75  | 63  | 55  | 51  | 53  | 58  | 67  | 76 | 84 | 90 | 93 | 95  | 95  | 93  | 92  | 94  | 98  | 104 | 111 | 117 | 120 | 118  | 2091 | 87.1 |      | 13:17 | 95    | 22: 6 | 120 | *  | *  | *    | *     | 5:13  | 51   | 16: 3 | 92 | *  | *  | *  | *  |
| 3  | 112  | 101 | 88  | 74  | 61  | 51  | 46  | 47  | 53  | 63 | 74 | 85 | 95 | 101 | 103 | 102 | 99  | 96  | 95  | 98  | 103 | 110 | 116 | 120  | 2093 | 87.2 |      | 14:11 | 103   | 23:19 | 120 | *  | *  | *    | *     | 6:20  | 45   | 17:46 | 95 | *  | *  | *  | *  |
| 4  | 119  | 113 | 102 | 87  | 70  | 55  | 44  | 39  | 41  | 49 | 62 | 77 | 91 | 102 | 108 | 110 | 106 | 101 | 96  | 94  | 96  | 102 | 110 | 118  | 2092 | 87.2 |      | 14:44 | 110   | *     | *   | *  | *  | 7:12 | 39    | 19: 1 | 94   | *     | *  | *  | *  |    |    |
| 5  | 122  | 122 | 114 | 101 | 83  | 64  | 47  | 36  | 32  | 37 | 49 | 66 | 84 | 100 | 110 | 115 | 113 | 107 | 99  | 93  | 91  | 94  | 102 | 112  | 2093 | 87.2 |      | 0:24  | 123   | 15:12 | 115 | *  | *  | *    | *     | 7:55  | 32   | 19:55 | 91 | *  | *  | *  | *  |
| 6  | 121  | 126 | 125 | 115 | 98  | 77  | 56  | 38  | 28  | 28 | 37 | 53 | 73 | 93  | 109 | 117 | 119 | 113 | 103 | 94  | 87  | 87  | 92  | 103  | 2092 | 87.2 |      | 1:16  | 127   | 15:38 | 119 | *  | *  | *    | *     | 8:33  | 27   | 20:37 | 86 | *  | *  | *  | *  |
| 7  | 116  | 126 | 131 | 126 | 113 | 92  | 68  | 46  | 30  | 23 | 27 | 41 | 61 | 84  | 103 | 117 | 122 | 118 | 109 | 97  | 86  | 81  | 83  | 92   | 2092 | 87.2 |      | 2: 1  | 131   | 16: 4 | 122 | *  | *  | *    | *     | 9: 8  | 23   | 21:14 | 81 | *  | *  | *  | *  |
| 8  | 106  | 121 | 131 | 133 | 125 | 108 | 84  | 59  | 37  | 24 | 22 | 31 | 50 | 73  | 96  | 113 | 122 | 122 | 114 | 101 | 88  | 78  | 75  | 81   | 2094 | 87.3 | F    | 2:42  | 134   | 16:29 | 124 | *  | *  | *    | *     | 9:41  | 22   | 21:50 | 75 | *  | *  | *  | *  |
| 9  | 94   | 111 | 126 | 134 | 133 | 121 | 100 | 74  | 50  | 31 | 23 | 27 | 41 | 63  | 87  | 108 | 121 | 125 | 119 | 107 | 91  | 78  | 70  | 71   | 2105 | 87.7 |      | 3:22  | 135   | 16:54 | 125 | *  | *  | *    | *     | 10:13 | 23   | 22:25 | 69 | *  | *  | *  | *  |
| 10 | 80   | 96  | 115 | 129 | 134 | 129 | 113 | 90  | 65  | 43 | 30 | 28 | 36 | 55  | 78  | 101 | 118 | 126 | 124 | 113 | 97  | 80  | 68  | 63   | 2111 | 88.0 |      | 4: 1  | 134   | 17:18 | 126 | *  | *  | *    | *     | 10:43 | 27   | 23: 1 | 63 | *  | *  | *  | *  |
| 11 | 68   | 81  | 99  | 116 | 128 | 130 | 122 | 104 | 81  | 59 | 42 | 34 | 37 | 50  | 71  | 94  | 113 | 125 | 127 | 119 | 104 | 86  | 70  | 60   | 2120 | 88.3 |      | 4:42  | 131   | 17:42 | 127 | *  | *  | *    | *     | 11:13 | 34   | 23:40 | 58 | *  | *  | *  | *  |
| 12 | 58   | 66  | 81  | 99  | 115 | 124 | 123 | 113 | 95  | 75 | 56 | 45 | 43 | 51  | 67  | 88  | 108 | 122 | 128 | 124 | 112 | 95  | 76  | 61   | 2125 | 88.5 |      | 5:25  | 125   | 18: 7 | 128 | *  | *  | *    | *     | 11:41 | 43   | *     | *  | *  | *  | *  | *  |
| 13 | 54   | 55  | 65  | 80  | 97  | 111 | 117 | 115 | 104 | 88 | 72 | 59 | 53 | 56  | 67  | 84  | 102 | 118 | 128 | 128 | 120 | 105 | 86  | 68   | 2132 | 88.8 |      | 6:12  | 117   | 18:33 | 129 | *  | *  | *    | *     | 0:22  | 53   | 12:10 | 53 | *  | *  | *  | *  |
| 14 | 55   | 50  | 52  | 62  | 77  | 92  | 104 | 108 | 106 | 97 | 85 | 73 | 66 | 65  | 71  | 83  | 98  | 114 | 125 | 130 | 126 | 115 | 99  | 80   | 2133 | 88.9 |      | 7: 7  | 108   | 19: 4 | 130 | *  | *  | *    | *     | 1:11  | 50   | 12:39 | 64 | *  | *  | *  | *  |
| 15 | 64   | 52  | 47  | 50  | 58  | 71  | 84  | 94  | 99  | 98 | 92 | 85 | 79 | 76  | 78  | 85  | 96  | 108 | 120 | 128 | 129 | 123 | 111 | 95   | 2122 | 88.4 | L    | 8:17  | 99    | 19:41 | 130 | *  | *  | *    | *     | 2:10  | 47   | 13:10 | 76 | *  | *  | *  | *  |
| 16 | 78   | 63  | 51  | 45  | 46  | 52  | 63  | 75  | 85  | 91 | 93 | 92 | 90 | 87  | 87  | 89  | 95  | 104 | 114 | 122 | 128 | 128 | 122 | 111  | 2111 | 88.0 |      | 10: 7 | 93    | 20:29 | 128 | *  | *  | *    | *     | 3:23  | 44   | 13:47 | 87 | *  | *  | *  | *  |
| 17 | 96   | 80  | 63  | 50  | 42  | 40  | 44  | 53  | 65  | 77 | 86 | 93 | 96 | 97  | 96  | 96  | 97  | 100 | 106 | 114 | 121 | 126 | 127 | 123  | 2088 | 87.0 |      | 12:56 | 97    | 21:40 | 127 | *  | *  | *    | *     | 4:48  | 40   | 15: 1 | 96 | *  | *  | *  | *  |
| 18 | 113  | 100 | 83  | 65  | 49  | 37  | 33  | 35  | 45  | 58 | 73 | 86 | 96 | 103 | 105 | 103 | 101 | 99  | 100 | 104 | 110 | 118 | 124 | 128  | 2068 | 86.2 |      | 14: 4 | 105   | 23:12 | 128 | *  | *  | *    | *     | 6: 7  | 33   | 17:11 | 99 | *  | *  | *  | *  |
| 19 | 126  | 119 | 105 | 87  | 65  | 46  | 32  | 25  | 28  | 39 | 55 | 74 | 91 | 103 | 110 | 111 | 107 | 101 | 96  | 95  | 98  | 105 | 114 | 124  | 2056 | 85.7 |      | 14:38 | 111   | *     | *   | *  | *  | 7:12 | 25    | 18:49 | 95   | *     | *  | *  | *  |    |    |
| 20 | 131  | 131 | 124 | 109 | 88  | 64  | 42  | 26  | 20  | 24 | 38 | 59 | 80 | 99  | 111 | 116 | 113 | 105 | 96  | 88  | 86  | 90  | 99  | 112  | 2051 | 85.5 |      | 0:35  | 132   | 15: 7 | 116 | *  | *  | *    | *     | 8: 4  | 20   | 19:55 | 86 | *  | *  | *  | *  |
| 21 | 126  | 135 | 136 | 128 | 111 | 87  | 60  | 37  | 22  | 18 | 26 | 44 | 68 | 91  | 109 | 119 | 119 | 112 | 99  | 87  | 78  | 76  | 82  | 95   | 2065 | 86.0 |      | 1:41  | 137   | 15:34 | 120 | *  | *  | *    | *     | 8:49  | # 18 | 20:46 | 76 | *  | *  | *  | *  |
| 22 | 112  | 128 | 138 | 139 | 129 | 109 | 82  | 55  | 33  | 21 | 21 | 34 | 56 | 81  | 104 | 119 | 124 | 119 | 106 | 90  | 75  | 67  | 67  | 76   | 2085 | 86.9 | N    | 2:35  | #140  | 15:59 | 124 | *  | *  | *    | *     | 9:29  | 20   | 21:30 | 65 | *  | *  | *  | *  |
| 23 | 92   | 112 | 130 | 139 | 138 | 125 | 103 | 76  | 50  | 32 | 25 | 30 | 47 | 72  | 97  | 117 | 127 | 126 | 115 | 97  | 78  | 64  | 57  | 60   | 2109 | 87.9 |      | 3:22  | #140  | 16:24 | 128 | *  | *  | *    | *     | 10: 4 | 25   | 22:11 | 57 | *  | *  | *  | *  |
| 24 | 73   | 92  | 113 | 130 | 137 | 132 | 117 | 95  | 69  | 48 | 35 | 33 | 44 | 65  | 90  | 112 | 127 | 131 | 123 | 107 | 87  | 67  | 54  | 50   | 2131 | 88.8 |      | 4: 7  | 137   | 16:49 | 131 | *  | *  | *    | *     | 10:36 | 33   | 22:51 | 50 | *  | *  | *  | *  |
| 25 | 57   | 73  | 94  | 114 | 127 | 131 | 124 | 107 | 86  | 64 | 48 | 42 | 46 | 61  | 83  | 106 | 124 | 133 | 130 | 117 | 97  | 76  | 58  | 48   | 2146 | 89.4 |      | 4:49  | 131   | 17:15 | 133 | *  | *  | *    | *     | 11: 6 | 42   | 23:31 | 47 | *  | *  | *  | *  |
| 26 | 48   | 58  | 75  | 95  | 112 | 122 | 122 | 113 | 97  | 79 | 63 | 53 | 62 | 79  | 100 | 119 | 131 | 134 | 125 | 109 | 88  | 68  | 53  | 2158 | 89.9 |      | 5:31 | 123   | 17:42 | 134   | *   | *  | *  | *    | 11:33 | 52    | *    | *     | *  | *  | *  | *  |    |
| 27 | 46   | 49  | 61  | 77  | 95  | 108 | 114 | 112 | 103 | 89 | 76 | 65 | 62 | 66  | 77  | 94  | 112 | 127 | 133 | 130 | 118 | 100 | 80  | 63   | 2157 | 89.9 |      | 6:14  | 114   | 18:10 | 133 | *  | *  | *    | *     | 0:11  | 46   | 12: 0 | 62 | *  | *  | *  | *  |
| 28 | 51   | 48  | 53  | 64  | 78  | 92  | 102 | 105 | 102 | 95 | 85 | 76 | 72 | 72  | 79  | 91  | 106 | 119 | 128 | 130 | 123 | 109 | 92  | 75   | 2147 | 89.5 |      | 7: 0  | 105   | 18:40 | 130 | *  | *  | *    | *     | 0:54  | 48   | 12:25 | 71 | *  | *  | *  | *  |
| 29 | 61   | 53  | 51  | 56  | 66  | 77  | 88  | 95  | 97  | 95 | 91 | 85 | 81 | 80  | 83  | 90  | 100 | 111 | 121 | 125 | 124 | 115 | 102 | 88   | 2135 | 89.0 | U    | 7:59  | 97    | 19:14 | 126 | *  | *  | *    | *     | 1:44  | 51   | 12:49 | 80 | *  | *  | *  | *  |
| 30 | 74   | 63  | 56  | 55  | 58  | 65  | 74  | 82  | 88  | 91 | 92 | 91 | 89 | 89  | 89  | 92  | 97  | 104 | 112 | 118 | 120 | 117 | 110 | 99   | 2125 | 88.5 |      | 9:42  | 92    | 19:56 | 120 | *  | *  | *    | *     | 2:46  | 54   | 13:13 | 89 | *  | *  | *  | *  |
| 31 | 87   | 75  | 65  | 58  | 55  | 57  | 62  | 69  | 77  | 84 | 89 | 93 | 95 | 96  | 96  | 96  | 97  | 100 | 104 | 109 | 113 | 115 | 113 | 107  | 2112 | 88.0 |      | 20:58 | 115   | *     | *   | *  | *  | 4: 9 | 55    | *     | *    | *     | *  | *  | *  |    |    |

| 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 | 65332 | 87.8 | 23 日 3 時 22 分 | 140 | 2  | 21 日 8 時 49 分 | 18 | 1  |



# 推算潮位 ( 毎時・満干潮 )

地点名: 霧多布

緯度: 43 ° 5 N

経度: 145 ° 7 E

潮位表基準面の零点: 平均海面下 81.0(cm)

2017 年 9 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |    |    |    |    |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |       |     |       |      | 干潮 |    |      |    |       |     |       |    |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-----|-------|------|----|----|------|----|-------|-----|-------|----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9  | 10 | 11 | 12 | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位  | 時刻    | 潮位 | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 99   | 88  | 77  | 66  | 58  | 53  | 52  | 56  | 64  | 73 | 83 | 91 | 98 | 102 | 103 | 102 | 99  | 98  | 98  | 100 | 105 | 109 | 112 | 112 | 2098 | 87.4 |   | 13:57 | 103 | 22:32 | 113  | *  | *  | *    | *  | 5:35  | 52  | 17:26 | 97 | *  | *  | *  | *  |
| 2  | 109  | 101 | 91  | 78  | 65  | 54  | 47  | 46  | 51  | 60 | 72 | 85 | 97 | 105 | 108 | 108 | 103 | 98  | 94  | 93  | 95  | 100 | 107 | 113 | 2080 | 86.7 |   | 14:19 | 109 | *     | *    | *  | *  | 6:41 | 46 | 18:51 | 93  | *     | *  | *  | *  |    |    |
| 3  | 115  | 113 | 105 | 92  | 76  | 60  | 47  | 40  | 40  | 48 | 60 | 76 | 92 | 105 | 112 | 113 | 109 | 101 | 92  | 87  | 86  | 90  | 98  | 108 | 2065 | 86.0 |   | 0:2   | 115 | 14:40 | 113  | *  | *  | *    | *  | 7:29  | 39  | 19:42 | 85 | *  | *  | *  | *  |
| 4  | 117  | 120 | 117 | 107 | 90  | 71  | 53  | 39  | 34  | 37 | 48 | 65 | 84 | 101 | 113 | 117 | 114 | 105 | 93  | 83  | 77  | 78  | 86  | 99  | 2048 | 85.3 |   | 1:4   | 120 | 15:2  | 117  | *  | *  | *    | *  | 8:9   | 34  | 20:20 | 77 | *  | *  | *  | *  |
| 5  | 112  | 123 | 126 | 120 | 106 | 86  | 64  | 45  | 33  | 30 | 38 | 54 | 75 | 96  | 112 | 120 | 119 | 110 | 96  | 82  | 71  | 68  | 73  | 85  | 2044 | 85.2 |   | 1:53  | 126 | 15:24 | 121  | *  | *  | *    | *  | 8:44  | 30  | 20:55 | 68 | *  | *  | *  | *  |
| 6  | 102  | 118 | 129 | 130 | 121 | 102 | 79  | 56  | 38  | 30 | 32 | 45 | 65 | 88  | 108 | 121 | 123 | 116 | 102 | 84  | 69  | 60  | 60  | 70  | 2048 | 85.3 | F | 2:36  | 131 | 15:46 | 124  | *  | *  | *    | *  | 9:17  | #29 | 21:29 | 59 | *  | *  | *  | *  |
| 7  | 87   | 107 | 124 | 133 | 130 | 117 | 96  | 71  | 49  | 35 | 32 | 40 | 58 | 81  | 103 | 120 | 126 | 123 | 109 | 90  | 70  | 56  | 50  | 54  | 2061 | 85.9 |   | 3:18  | 133 | 16:8  | 126  | *  | *  | *    | *  | 9:48  | 32  | 22:4  | 50 | *  | *  | *  | *  |
| 8  | 69   | 90  | 112 | 128 | 133 | 127 | 111 | 88  | 65  | 47 | 38 | 40 | 53 | 74  | 97  | 117 | 128 | 128 | 117 | 99  | 76  | 57  | 44  | 43  | 2081 | 86.7 |   | 3:59  | 133 | 16:31 | 129  | *  | *  | *    | *  | 10:17 | 37  | 22:40 | 42 | *  | *  | *  | *  |
| 9  | 52   | 71  | 94  | 115 | 128 | 130 | 121 | 103 | 81  | 61 | 48 | 45 | 53 | 70  | 92  | 113 | 128 | 132 | 125 | 109 | 86  | 63  | 45  | 37  | 2102 | 87.6 |   | 4:41  | 131 | 16:54 | 132  | *  | *  | *    | *  | 10:46 | 45  | 23:17 | 36 | *  | *  | *  | *  |
| 10 | 39   | 52  | 73  | 96  | 114 | 124 | 123 | 112 | 95  | 76 | 62 | 55 | 57 | 69  | 88  | 108 | 125 | 134 | 131 | 119 | 99  | 75  | 53  | 38  | 2117 | 88.2 |   | 5:24  | 125 | 17:18 | 134  | *  | *  | *    | *  | 11:13 | 54  | 23:58 | 33 | *  | *  | *  | *  |
| 11 | 33   | 39  | 54  | 75  | 95  | 111 | 117 | 114 | 104 | 89 | 75 | 66 | 65 | 72  | 86  | 104 | 121 | 132 | 135 | 127 | 111 | 89  | 67  | 48  | 2129 | 88.7 |   | 6:11  | 117 | 17:45 | #135 | *  | *  | *    | *  | 11:39 | 64  | *     | *  | *  | *  | *  | *  |
| 12 | 36   | 33  | 41  | 55  | 74  | 91  | 103 | 108 | 105 | 96 | 86 | 78 | 74 | 77  | 86  | 99  | 114 | 127 | 133 | 131 | 121 | 104 | 83  | 63  | 2118 | 88.3 |   | 7:4   | 108 | 18:16 | 134  | *  | *  | *    | *  | 0:44  | 33  | 12:6  | 74 | *  | *  | *  | *  |
| 13 | 47   | 37  | 36  | 43  | 55  | 71  | 85  | 95  | 99  | 97 | 93 | 87 | 83 | 83  | 88  | 96  | 108 | 119 | 128 | 130 | 126 | 115 | 100 | 82  | 2103 | 87.6 | L | 8:12  | 99  | 18:54 | 130  | *  | *  | *    | *  | 1:40  | 36  | 12:33 | 83 | *  | *  | *  | *  |
| 14 | 65   | 50  | 41  | 39  | 43  | 53  | 65  | 77  | 86  | 92 | 93 | 93 | 91 | 90  | 91  | 95  | 102 | 110 | 117 | 123 | 124 | 120 | 112 | 99  | 2071 | 86.3 |   | 10:9  | 93  | 19:46 | 124  | *  | *  | *    | *  | 2:51  | 39  | 13:5  | 90 | *  | *  | *  | *  |
| 15 | 85   | 70  | 56  | 46  | 41  | 42  | 48  | 58  | 70  | 80 | 88 | 94 | 96 | 97  | 97  | 96  | 97  | 100 | 105 | 111 | 115 | 118 | 117 | 112 | 2039 | 85.0 |   | 12:56 | 97  | 21:14 | 118  | *  | *  | *    | *  | 4:20  | 40  | 14:54 | 96 | *  | *  | *  | *  |
| 16 | 103  | 91  | 77  | 61  | 48  | 40  | 38  | 43  | 53  | 65 | 79 | 90 | 98 | 103 | 103 | 100 | 96  | 93  | 93  | 96  | 101 | 107 | 113 | 117 | 2008 | 83.7 |   | 13:35 | 103 | 23:19 | 117  | *  | *  | *    | *  | 5:48  | 38  | 17:36 | 93 | *  | *  | *  | *  |
| 17 | 116  | 110 | 98  | 82  | 64  | 48  | 38  | 34  | 39  | 50 | 66 | 83 | 96 | 106 | 109 | 106 | 99  | 91  | 84  | 82  | 84  | 91  | 101 | 112 | 1989 | 82.9 |   | 14:1  | 109 | *     | *    | *  | *  | 6:55 | 34 | 19:2  | 82  | *     | *  | *  | *  |    |    |
| 18 | 119  | 121 | 116 | 104 | 85  | 64  | 46  | 34  | 32  | 39 | 54 | 73 | 92 | 106 | 113 | 113 | 105 | 93  | 80  | 72  | 69  | 73  | 83  | 98  | 1984 | 82.7 |   | 0:49  | 121 | 14:27 | 114  | *  | *  | *    | *  | 7:46  | 32  | 19:56 | 69 | *  | *  | *  | *  |
| 19 | 113  | 124 | 127 | 121 | 106 | 84  | 62  | 43  | 33  | 33 | 44 | 63 | 84 | 104 | 116 | 119 | 113 | 100 | 83  | 67  | 58  | 56  | 64  | 80  | 1997 | 83.2 |   | 1:51  | 127 | 14:51 | 119  | *  | *  | *    | *  | 8:28  | 32  | 20:39 | 56 | *  | *  | *  | *  |
| 20 | 99   | 117 | 128 | 130 | 122 | 104 | 80  | 57  | 41  | 34 | 39 | 54 | 76 | 99  | 116 | 124 | 122 | 109 | 90  | 70  | 53  | 45  | 48  | 60  | 2017 | 84.0 | N | 2:41  | 131 | 15:15 | 125  | *  | *  | *    | *  | 9:5   | 34  | 21:17 | 45 | *  | *  | *  | *  |
| 21 | 80   | 102 | 121 | 131 | 130 | 118 | 98  | 75  | 54  | 42 | 40 | 50 | 69 | 93  | 114 | 127 | 128 | 119 | 101 | 78  | 56  | 41  | 37  | 44  | 2048 | 85.3 |   | 3:25  | 132 | 15:39 | 129  | *  | *  | *    | *  | 9:38  | 39  | 21:54 | 37 | *  | *  | *  | *  |
| 22 | 60   | 83  | 106 | 123 | 130 | 125 | 111 | 91  | 69  | 53 | 46 | 50 | 65 | 86  | 109 | 126 | 132 | 127 | 112 | 89  | 65  | 45  | 33  | 34  | 2070 | 86.3 |   | 4:6   | 130 | 16:4  | 132  | *  | *  | *    | *  | 10:8  | 46  | 22:29 | 32 | *  | *  | *  | *  |
| 23 | 45   | 65  | 89  | 110 | 123 | 126 | 118 | 102 | 83  | 66 | 55 | 54 | 64 | 81  | 103 | 122 | 133 | 133 | 121 | 101 | 77  | 54  | 37  | 31  | 2093 | 87.2 |   | 4:45  | 126 | 16:30 | 134  | *  | *  | *    | *  | 10:36 | 54  | 23:4  | 31 | *  | *  | *  | *  |
| 24 | 35   | 50  | 72  | 94  | 111 | 120 | 119 | 109 | 94  | 78 | 66 | 61 | 66 | 78  | 96  | 115 | 129 | 134 | 128 | 112 | 89  | 66  | 46  | 34  | 2102 | 87.6 |   | 5:23  | 120 | 16:56 | 134  | *  | *  | *    | *  | 11:3  | 61  | 23:39 | 32 | *  | *  | *  | *  |
| 25 | 33   | 41  | 58  | 78  | 97  | 109 | 114 | 110 | 100 | 88 | 77 | 70 | 70 | 78  | 92  | 108 | 123 | 131 | 130 | 119 | 101 | 79  | 58  | 43  | 2107 | 87.8 |   | 6:2   | 114 | 17:23 | 132  | *  | *  | *    | *  | 11:29 | 69  | *     | *  | *  | *  | *  | *  |
| 26 | 36   | 39  | 49  | 65  | 82  | 97  | 105 | 107 | 102 | 94 | 85 | 78 | 76 | 80  | 89  | 102 | 115 | 125 | 128 | 122 | 109 | 90  | 71  | 55  | 2101 | 87.5 |   | 6:43  | 107 | 17:51 | 128  | *  | *  | *    | *  | 0:15  | 36  | 11:53 | 76 | *  | *  | *  | *  |
| 27 | 45   | 42  | 46  | 56  | 70  | 83  | 94  | 100 | 100 | 96 | 91 | 86 | 83 | 84  | 89  | 97  | 107 | 116 | 121 | 120 | 112 | 99  | 83  | 68  | 2088 | 87.0 |   | 7:34  | 100 | 18:21 | 122  | *  | *  | *    | *  | 0:54  | 42  | 12:18 | 83 | *  | *  | *  | *  |
| 28 | 56   | 49  | 48  | 52  | 61  | 71  | 81  | 89  | 94  | 95 | 93 | 91 | 90 | 89  | 91  | 95  | 101 | 107 | 113 | 115 | 112 | 104 | 93  | 80  | 2070 | 86.3 | U | 8:51  | 95  | 18:56 | 115  | *  | *  | *    | *  | 1:43  | 47  | 12:45 | 89 | *  | *  | *  | *  |
| 29 | 69   | 60  | 54  | 52  | 55  | 61  | 69  | 77  | 84  | 90 | 93 | 94 | 95 | 95  | 94  | 95  | 96  | 99  | 103 | 106 | 107 | 105 | 99  | 91  | 2043 | 85.1 |   | 19:51 | 107 | *     | *    | *  | *  | 2:51 | 52 | *     | *   | *     | *  | *  | *  |    |    |
| 30 | 82   | 72  | 64  | 57  | 54  | 54  | 58  | 64  | 73  | 81 | 89 | 95 | 98 | 100 | 99  | 97  | 94  | 93  | 94  | 96  | 99  | 101 | 101 | 99  | 2014 | 83.9 |   | 13:6  | 100 | 21:40 | 102  | *  | *  | *    | *  | 4:27  | 54  | 17:15 | 93 | *  | *  | *  | *  |

| 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 | 61935 | 86.0 | 11日17時45分 | 135 | 1  | 6日9時17分 | 29 | 1  |

# 推算潮位（毎時・満干潮）

地点名：霧多布

緯度：43°5' N

経度：145°7' E

潮位表基準面の零点：平均海面下 81.0(cm)

2017年 10月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |    |    |    |     |     |     |     |     |     |     |     |     |     |     | 満潮  |      |      |   |       |     |       |      | 干潮 |    |      |    |       |    |       |      |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|-------|-----|-------|------|----|----|------|----|-------|----|-------|------|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9  | 10 | 11 | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位 | 時刻    | 潮位   | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 94   | 86  | 77  | 67  | 58  | 52  | 50  | 53  | 60  | 71 | 82 | 92 | 100 | 104 | 104 | 100 | 95  | 89  | 85  | 85  | 87  | 93  | 99  | 103 | 1986 | 82.8 |   | 13:30 | 105 | 23:40 | 103  | *  | *  | *    | *  | 5:52  | 50 | 18:38 | 84   | *  | *  | *  | *  |
| 2  | 103  | 100 | 91  | 80  | 67  | 55  | 47  | 45  | 49  | 59 | 72 | 87 | 99  | 107 | 109 | 105 | 97  | 87  | 79  | 74  | 74  | 80  | 90  | 100 | 1956 | 81.5 |   | 13:51 | 109 | *     | *    | *  | *  | 6:50 | 45 | 19:23 | 73 | *     | *    | *  | *  |    |    |
| 3  | 108  | 110 | 106 | 95  | 80  | 64  | 50  | 42  | 42  | 49 | 62 | 79 | 96  | 108 | 113 | 111 | 102 | 88  | 75  | 65  | 61  | 65  | 76  | 91  | 1938 | 80.8 |   | 0:53  | 110 | 14:13 | 113  | *  | *  | *    | *  | 7:35  | 41 | 19:59 | 61   | *  | *  | *  | *  |
| 4  | 105  | 115 | 117 | 111 | 97  | 78  | 60  | 46  | 39  | 42 | 53 | 71 | 90  | 107 | 116 | 117 | 109 | 93  | 75  | 59  | 50  | 50  | 59  | 75  | 1934 | 80.6 |   | 1:46  | 117 | 14:34 | 118  | *  | *  | *    | *  | 8:12  | 39 | 20:32 | 49   | *  | *  | *  | *  |
| 5  | 95   | 112 | 122 | 123 | 113 | 95  | 74  | 55  | 43  | 40 | 48 | 64 | 84  | 104 | 118 | 123 | 117 | 101 | 80  | 59  | 43  | 37  | 41  | 56  | 1947 | 81.1 |   | 2:32  | 124 | 14:56 | 123  | *  | *  | *    | *  | 8:46  | 40 | 21: 7 | 37   | *  | *  | *  | *  |
| 6  | 78   | 101 | 119 | 128 | 125 | 112 | 91  | 70  | 53  | 45 | 47 | 59 | 79  | 100 | 118 | 127 | 125 | 112 | 90  | 65  | 43  | 29  | 26  | 36  | 1978 | 82.4 | F | 3:15  | 128 | 15:19 | 128  | *  | *  | *    | *  | 9:18  | 44 | 21:42 | 26   | *  | *  | *  | *  |
| 7  | 57   | 83  | 107 | 124 | 129 | 123 | 107 | 86  | 67  | 54 | 51 | 58 | 74  | 96  | 116 | 129 | 132 | 123 | 103 | 76  | 50  | 29  | 19  | 21  | 2014 | 83.9 |   | 3:58  | 129 | 15:43 | 132  | *  | *  | *    | *  | 9:49  | 51 | 22:19 | 18   | *  | *  | *  | *  |
| 8  | 36   | 60  | 88  | 111 | 124 | 126 | 118 | 101 | 82  | 67 | 59 | 61 | 73  | 91  | 112 | 129 | 136 | 132 | 116 | 91  | 63  | 37  | 20  | 14  | 2047 | 85.3 |   | 4:41  | 127 | 16: 8 | 136  | *  | *  | *    | *  | 10:18 | 58 | 22:57 | # 14 | *  | *  | *  | *  |
| 9  | 21   | 39  | 65  | 91  | 111 | 121 | 120 | 110 | 95  | 79 | 69 | 67 | 73  | 88  | 107 | 125 | 136 | 137 | 127 | 107 | 80  | 53  | 30  | 16  | 2067 | 86.1 |   | 5:25  | 122 | 16:36 | #138 | *  | *  | *    | *  | 10:46 | 66 | 23:39 | # 14 | *  | *  | *  | *  |
| 10 | 15   | 25  | 45  | 69  | 92  | 108 | 115 | 112 | 103 | 90 | 79 | 74 | 76  | 86  | 101 | 117 | 131 | 137 | 133 | 119 | 98  | 72  | 47  | 29  | 2073 | 86.4 |   | 6:12  | 115 | 17: 7 | 137  | *  | *  | *    | *  | 11:14 | 74 | *     | *    | *  | *  | *  | *  |
| 11 | 19   | 20  | 31  | 50  | 71  | 90  | 102 | 106 | 104 | 96 | 88 | 82 | 80  | 85  | 95  | 109 | 122 | 131 | 133 | 126 | 111 | 90  | 68  | 48  | 2057 | 85.7 |   | 7: 5  | 106 | 17:42 | 133  | *  | *  | *    | *  | 0:24  | 18 | 11:44 | 80   | *  | *  | *  | *  |
| 12 | 33   | 26  | 28  | 38  | 53  | 71  | 85  | 95  | 99  | 98 | 93 | 88 | 86  | 86  | 91  | 100 | 110 | 119 | 125 | 124 | 117 | 104 | 87  | 69  | 2025 | 84.4 | L | 8:11  | 99  | 18:24 | 125  | *  | *  | *    | *  | 1:16  | 25 | 12:21 | 85   | *  | *  | *  | *  |
| 13 | 53   | 41  | 35  | 36  | 43  | 55  | 68  | 81  | 89  | 94 | 95 | 93 | 91  | 89  | 90  | 93  | 98  | 105 | 111 | 115 | 114 | 109 | 100 | 88  | 1986 | 82.8 |   | 9:49  | 95  | 19:23 | 115  | *  | *  | *    | *  | 2:22  | 34 | 13:24 | 89   | *  | *  | *  | *  |
| 14 | 74   | 61  | 50  | 43  | 42  | 46  | 54  | 66  | 77  | 87 | 93 | 96 | 97  | 95  | 92  | 89  | 89  | 91  | 94  | 99  | 103 | 105 | 104 | 100 | 1947 | 81.1 |   | 11:38 | 97  | 21:13 | 105  | *  | *  | *    | *  | 3:46  | 41 | 15:44 | 89   | *  | *  | *  | *  |
| 15 | 93   | 82  | 70  | 58  | 49  | 45  | 46  | 53  | 64  | 77 | 88 | 96 | 101 | 101 | 97  | 91  | 84  | 80  | 78  | 80  | 86  | 93  | 99  | 103 | 1914 | 79.8 |   | 12:31 | 101 | 23:36 | 104  | *  | *  | *    | *  | 5:14  | 44 | 17:53 | 78   | *  | *  | *  | *  |
| 16 | 104  | 100 | 90  | 77  | 63  | 52  | 45  | 46  | 54  | 66 | 81 | 94 | 103 | 107 | 105 | 97  | 85  | 74  | 66  | 63  | 66  | 75  | 86  | 98  | 1897 | 79.0 |   | 13: 6 | 107 | *     | *    | *  | *  | 6:24 | 45 | 19: 0 | 63 | *     | *    | *  | *  |    |    |
| 17 | 107  | 110 | 107 | 96  | 81  | 65  | 52  | 46  | 47  | 57 | 73 | 89 | 104 | 112 | 113 | 105 | 92  | 76  | 61  | 51  | 49  | 55  | 68  | 84  | 1900 | 79.2 |   | 1: 2  | 110 | 13:35 | 113  | *  | *  | *    | *  | 7:16  | 45 | 19:46 | 49   | *  | *  | *  | *  |
| 18 | 100  | 112 | 116 | 112 | 99  | 81  | 64  | 51  | 47  | 52 | 65 | 83 | 101 | 114 | 119 | 115 | 102 | 83  | 62  | 46  | 37  | 38  | 49  | 66  | 1914 | 79.8 |   | 1:59  | 116 | 14: 3 | 119  | *  | *  | *    | *  | 7:59  | 47 | 20:25 | 36   | *  | *  | *  | *  |
| 19 | 87   | 106 | 118 | 120 | 113 | 98  | 79  | 62  | 52  | 51 | 59 | 76 | 96  | 114 | 124 | 124 | 113 | 94  | 70  | 48  | 33  | 27  | 32  | 48  | 1944 | 81.0 |   | 2:46  | 121 | 14:30 | 125  | *  | *  | *    | *  | 8:36  | 50 | 21: 1 | 27   | *  | *  | *  | *  |
| 20 | 70   | 93  | 112 | 122 | 121 | 111 | 94  | 75  | 61  | 54 | 58 | 70 | 90  | 110 | 124 | 129 | 123 | 106 | 82  | 57  | 35  | 23  | 22  | 32  | 1974 | 82.3 | N | 3:27  | 123 | 14:56 | 129  | *  | *  | *    | *  | 9:10  | 54 | 21:35 | 21   | *  | *  | *  | *  |
| 21 | 53   | 77  | 101 | 117 | 123 | 119 | 106 | 89  | 72  | 61 | 60 | 68 | 84  | 104 | 122 | 131 | 130 | 117 | 95  | 69  | 44  | 25  | 18  | 22  | 2007 | 83.6 |   | 4: 5  | 123 | 15:23 | 132  | *  | *  | *    | *  | 9:41  | 59 | 22: 8 | 18   | *  | *  | *  | *  |
| 22 | 38   | 61  | 86  | 107 | 119 | 121 | 114 | 100 | 84  | 71 | 65 | 68 | 80  | 97  | 116 | 129 | 133 | 125 | 107 | 82  | 56  | 34  | 20  | 19  | 2032 | 84.7 |   | 4:42  | 122 | 15:50 | 133  | *  | *  | *    | *  | 10:10 | 65 | 22:40 | 18   | *  | *  | *  | *  |
| 23 | 28   | 47  | 71  | 94  | 111 | 118 | 116 | 107 | 93  | 80 | 72 | 71 | 78  | 92  | 109 | 124 | 132 | 129 | 116 | 95  | 70  | 46  | 28  | 21  | 2048 | 85.3 |   | 5:17  | 119 | 16:17 | 132  | *  | *  | *    | *  | 10:39 | 70 | 23:12 | 21   | *  | *  | *  | *  |
| 24 | 24   | 38  | 58  | 80  | 99  | 111 | 114 | 110 | 100 | 89 | 79 | 75 | 78  | 88  | 102 | 116 | 127 | 129 | 121 | 105 | 82  | 59  | 40  | 28  | 2052 | 85.5 |   | 5:53  | 114 | 16:44 | 129  | *  | *  | *    | *  | 11: 7 | 75 | 23:44 | 25   | *  | *  | *  | *  |
| 25 | 26   | 33  | 48  | 68  | 86  | 101 | 108 | 109 | 103 | 95 | 86 | 81 | 81  | 86  | 96  | 108 | 119 | 124 | 122 | 111 | 93  | 72  | 53  | 39  | 2048 | 85.3 |   | 6:32  | 109 | 17:12 | 125  | *  | *  | *    | *  | 11:35 | 80 | *     | *    | *  | *  | *  | *  |
| 26 | 32   | 33  | 43  | 58  | 74  | 89  | 99  | 104 | 103 | 98 | 92 | 86 | 84  | 86  | 92  | 101 | 110 | 117 | 118 | 112 | 100 | 83  | 66  | 51  | 2031 | 84.6 |   | 7:16  | 104 | 17:41 | 118  | *  | *  | *    | *  | 0:18  | 31 | 12: 6 | 84   | *  | *  | *  | *  |
| 27 | 41   | 38  | 42  | 51  | 64  | 77  | 88  | 96  | 99  | 98 | 95 | 91 | 89  | 88  | 90  | 95  | 101 | 107 | 110 | 109 | 102 | 91  | 78  | 64  | 2004 | 83.5 |   | 8:15  | 99  | 18:16 | 110  | *  | *  | *    | *  | 0:58  | 38 | 12:48 | 88   | *  | *  | *  | *  |
| 28 | 53   | 47  | 45  | 48  | 56  | 66  | 76  | 86  | 92  | 96 | 97 | 95 | 93  | 91  | 90  | 91  | 93  | 96  | 100 | 101 | 100 | 95  | 87  | 77  | 1971 | 82.1 | U | 9:45  | 97  | 19: 7 | 101  | *  | *  | *    | *  | 1:49  | 45 | 14:13 | 90   | *  | *  | *  | *  |
| 29 | 67   | 58  | 53  | 50  | 52  | 57  | 65  | 74  | 83  | 91 | 96 | 98 | 98  | 95  | 92  | 89  | 86  | 86  | 88  | 90  | 93  | 94  | 92  | 87  | 1934 | 80.6 |   | 11:23 | 98  | 20:51 | 94   | *  | *  | *    | *  | 3: 4  | 50 | 16:41 | 86   | *  | *  | *  | *  |
| 30 | 80   | 72  | 64  | 58  | 53  | 53  | 56  | 64  | 73  | 84 | 92 | 99 | 102 | 100 | 96  | 89  | 82  | 77  | 75  | 76  | 81  | 86  | 91  | 93  | 1896 | 79.0 |   | 12:13 | 102 | 23:10 | 94   | *  | *  | *    | *  | 4:37  | 53 | 18: 7 | 75   | *  | *  | *  | *  |
| 31 | 92   | 87  | 79  | 70  | 60  | 54  | 52  | 55  | 64  | 75 | 87 | 98 | 104 | 106 | 102 | 93  | 82  | 71  | 64  | 61  | 65  | 73  | 84  | 93  | 1871 | 78.0 |   | 12:45 | 106 | *     | *    | *  | *  | 5:53 | 52 | 18:53 | 61 | *     | *    | *  | *  |    |    |

| 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      | 61392        | 82.5          | 9日 16時 36分 | 138 | 1  | 9日 23時 39分 | 14 | 2  |

# 推算潮位（毎時・満干潮）

地点名：霧多布

緯度：43°5' N

経度：145°7' E

潮位表基準面の零点：平均海面下 81.0(cm)

2017 年 11 月

| 日  | 毎時潮位 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    | 満潮   |      |   |       |     |       |      |    | 干潮 |      |    |       |    |       |     |    |    |    |    |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|------|------|---|-------|-----|-------|------|----|----|------|----|-------|----|-------|-----|----|----|----|----|
|    | 0    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22 | 23 | 日合計  | 日平均  | 月 | 時刻    | 潮位  | 時刻    | 潮位   | 時刻 | 潮位 | 時刻   | 潮位 | 時刻    | 潮位 | 時刻    | 潮位  | 時刻 | 潮位 | 時刻 | 潮位 |
| 1  | 99   | 100 | 95  | 85  | 73  | 61  | 54  | 52  | 56  | 67  | 81  | 95  | 106 | 111 | 109 | 100 | 85  | 69  | 55  | 47  | 47  | 55  | 69 | 85 | 1856 | 77.3 |   | 0:39  | 101 | 13:13 | 111  | *  | *  | *    | *  | 6:48  | 51 | 19:31 | 46  | *  | *  | *  | *  |
| 2  | 99   | 108 | 109 | 102 | 89  | 74  | 61  | 54  | 53  | 61  | 75  | 91  | 106 | 116 | 117 | 109 | 93  | 73  | 53  | 38  | 31  | 35  | 49 | 69 | 1865 | 77.7 |   | 1:38  | 109 | 13:38 | 118  | *  | *  | *    | *  | 7:32  | 52 | 20:7  | 31  | *  | *  | *  | *  |
| 3  | 90   | 107 | 116 | 116 | 106 | 91  | 74  | 61  | 56  | 59  | 70  | 87  | 105 | 119 | 124 | 120 | 105 | 83  | 57  | 35  | 21  | 18  | 27 | 47 | 1894 | 78.9 |   | 2:28  | 117 | 14:5  | 124  | *  | *  | *    | *  | 8:10  | 56 | 20:44 | 18  | *  | *  | *  | *  |
| 4  | 72   | 96  | 114 | 122 | 119 | 107 | 90  | 74  | 63  | 61  | 68  | 82  | 101 | 119 | 130 | 130 | 119 | 97  | 69  | 41  | 19  | 8   | 9  | 24 | 1934 | 80.6 | F | 3:14  | 122 | 14:32 | 131  | *  | *  | *    | *  | 8:46  | 61 | 21:22 | 7   | *  | *  | *  | *  |
| 5  | 49   | 77  | 103 | 119 | 125 | 119 | 105 | 88  | 74  | 67  | 69  | 79  | 97  | 116 | 131 | 137 | 131 | 114 | 87  | 56  | 27  | 7   | 0  | 7  | 1984 | 82.7 |   | 3:58  | 125 | 15:1  | 137  | *  | *  | *    | *  | 9:19  | 66 | 22:1  | 0   | *  | *  | *  | *  |
| 6  | 26   | 54  | 83  | 107 | 121 | 123 | 115 | 101 | 86  | 75  | 72  | 78  | 91  | 110 | 128 | 139 | 140 | 128 | 106 | 76  | 44  | 18  | 2  | -1 | 2022 | 84.3 |   | 4:43  | 123 | 15:33 | 141  | *  | *  | *    | *  | 9:52  | 72 | 22:42 | #-2 | *  | *  | *  | *  |
| 7  | 10   | 32  | 61  | 88  | 108 | 119 | 118 | 110 | 97  | 84  | 78  | 78  | 87  | 102 | 120 | 135 | 142 | 137 | 121 | 96  | 66  | 37  | 15 | 3  | 2044 | 85.2 |   | 5:28  | 120 | 16:7  | #142 | *  | *  | *    | *  | 10:25 | 77 | 23:25 | 2   | *  | *  | *  | *  |
| 8  | 4    | 18  | 41  | 67  | 91  | 107 | 114 | 112 | 103 | 92  | 84  | 80  | 84  | 94  | 109 | 125 | 136 | 138 | 130 | 112 | 87  | 60  | 35 | 17 | 2040 | 85.0 |   | 6:14  | 114 | 16:44 | 138  | *  | *  | *    | *  | 11:0  | 80 | *     | *   | *  | *  | *  | *  |
| 9  | 10   | 14  | 28  | 49  | 72  | 91  | 104 | 108 | 105 | 98  | 90  | 84  | 83  | 88  | 98  | 111 | 123 | 130 | 129 | 120 | 103 | 81  | 58 | 38 | 2015 | 84.0 |   | 7:3   | 108 | 17:25 | 131  | *  | *  | *    | *  | 0:9   | 9  | 11:41 | 82  | *  | *  | *  | *  |
| 10 | 25   | 20  | 25  | 39  | 57  | 76  | 91  | 100 | 103 | 101 | 95  | 89  | 84  | 84  | 88  | 97  | 107 | 115 | 120 | 118 | 109 | 95  | 78 | 61 | 1977 | 82.4 |   | 7:58  | 103 | 18:14 | 120  | *  | *  | *    | *  | 0:58  | 20 | 12:35 | 84  | *  | *  | *  | *  |
| 11 | 46   | 36  | 33  | 37  | 48  | 63  | 78  | 90  | 98  | 101 | 99  | 94  | 89  | 84  | 83  | 85  | 90  | 97  | 103 | 106 | 106 | 100 | 91 | 79 | 1936 | 80.7 | L | 9:1   | 101 | 19:21 | 107  | *  | *  | *    | *  | 1:54  | 32 | 13:56 | 83  | *  | *  | *  | *  |
| 12 | 67   | 55  | 47  | 44  | 47  | 55  | 67  | 80  | 91  | 98  | 101 | 100 | 95  | 89  | 83  | 78  | 77  | 79  | 83  | 89  | 93  | 96  | 95 | 91 | 1900 | 79.2 |   | 10:10 | 101 | 21:15 | 96   | *  | *  | *    | *  | 3:1   | 44 | 15:55 | 77  | *  | *  | *  | *  |
| 13 | 84   | 75  | 65  | 57  | 53  | 54  | 60  | 70  | 82  | 93  | 101 | 104 | 103 | 97  | 88  | 78  | 70  | 65  | 65  | 68  | 75  | 83  | 90 | 94 | 1874 | 78.1 |   | 11:10 | 104 | 23:39 | 95   | *  | *  | *    | *  | 4:20  | 52 | 17:38 | 65  | *  | *  | *  | *  |
| 14 | 94   | 91  | 83  | 73  | 64  | 58  | 58  | 64  | 74  | 87  | 99  | 107 | 110 | 106 | 98  | 85  | 71  | 59  | 52  | 50  | 55  | 65  | 77 | 89 | 1869 | 77.9 |   | 11:59 | 110 | *     | *    | *  | *  | 5:34 | 58 | 18:42 | 50 | *     | *   | *  | *  |    |    |
| 15 | 97   | 100 | 98  | 90  | 79  | 68  | 62  | 61  | 68  | 79  | 94  | 106 | 114 | 115 | 109 | 96  | 78  | 60  | 46  | 38  | 38  | 46  | 60 | 77 | 1879 | 78.3 |   | 1:6   | 101 | 12:39 | 115  | *  | *  | *    | *  | 6:33  | 61 | 19:29 | 37  | *  | *  | *  | *  |
| 16 | 92   | 103 | 107 | 104 | 94  | 81  | 70  | 64  | 65  | 73  | 87  | 102 | 115 | 121 | 119 | 108 | 90  | 68  | 47  | 32  | 26  | 30  | 42 | 61 | 1901 | 79.2 |   | 2:3   | 107 | 13:15 | 121  | *  | *  | *    | *  | 7:23  | 63 | 20:8  | 26  | *  | *  | *  | *  |
| 17 | 82   | 99  | 110 | 113 | 107 | 95  | 81  | 70  | 66  | 69  | 80  | 96  | 112 | 123 | 126 | 119 | 103 | 80  | 55  | 34  | 21  | 18  | 27 | 44 | 1930 | 80.4 |   | 2:49  | 113 | 13:48 | 126  | *  | *  | *    | *  | 8:5   | 66 | 20:44 | 18  | *  | *  | *  | *  |
| 18 | 67   | 90  | 107 | 116 | 116 | 107 | 94  | 80  | 71  | 69  | 76  | 89  | 106 | 121 | 130 | 128 | 115 | 94  | 68  | 42  | 23  | 14  | 16 | 30 | 1969 | 82.0 | N | 3:28  | 117 | 14:19 | 130  | *  | *  | *    | *  | 8:43  | 69 | 21:17 | 13  | *  | *  | *  | *  |
| 19 | 52   | 77  | 99  | 114 | 119 | 116 | 105 | 91  | 79  | 72  | 74  | 84  | 100 | 116 | 129 | 132 | 125 | 107 | 82  | 55  | 31  | 16  | 12 | 20 | 2007 | 83.6 |   | 4:5   | 119 | 14:50 | 132  | *  | *  | *    | *  | 9:18  | 72 | 21:50 | 11  | *  | *  | *  | *  |
| 20 | 38   | 62  | 87  | 107 | 118 | 119 | 112 | 100 | 87  | 78  | 75  | 81  | 93  | 109 | 124 | 133 | 131 | 118 | 96  | 69  | 43  | 23  | 13 | 15 | 2031 | 84.6 |   | 4:39  | 120 | 15:20 | 133  | *  | *  | *    | *  | 9:51  | 75 | 22:21 | 12  | *  | *  | *  | *  |
| 21 | 28   | 49  | 74  | 96  | 112 | 119 | 116 | 107 | 95  | 85  | 79  | 80  | 88  | 102 | 117 | 129 | 132 | 124 | 107 | 83  | 57  | 34  | 19 | 15 | 2047 | 85.3 |   | 5:13  | 119 | 15:49 | 132  | *  | *  | *    | *  | 10:22 | 78 | 22:52 | 15  | *  | *  | *  | *  |
| 22 | 22   | 39  | 61  | 84  | 103 | 114 | 116 | 111 | 101 | 91  | 83  | 80  | 85  | 95  | 109 | 122 | 129 | 127 | 115 | 95  | 70  | 47  | 29 | 20 | 2048 | 85.3 |   | 5:47  | 117 | 16:18 | 129  | *  | *  | *    | *  | 10:53 | 80 | 23:23 | 19  | *  | *  | *  | *  |
| 23 | 21   | 32  | 51  | 72  | 92  | 106 | 113 | 112 | 105 | 96  | 88  | 83  | 83  | 90  | 101 | 113 | 122 | 124 | 118 | 103 | 83  | 61  | 41 | 28 | 2038 | 84.9 |   | 6:22  | 113 | 16:48 | 125  | *  | *  | *    | *  | 11:26 | 82 | 23:55 | 24  | *  | *  | *  | *  |
| 24 | 24   | 30  | 43  | 61  | 80  | 96  | 106 | 110 | 107 | 100 | 93  | 86  | 84  | 86  | 93  | 103 | 112 | 118 | 116 | 108 | 92  | 73  | 55 | 40 | 2016 | 84.0 |   | 7:1   | 110 | 17:20 | 118  | *  | *  | *    | *  | 12:2  | 84 | *     | *   | *  | *  | *  | *  |
| 25 | 32   | 32  | 40  | 53  | 69  | 85  | 98  | 105 | 106 | 103 | 97  | 91  | 86  | 85  | 88  | 94  | 101 | 108 | 110 | 107 | 98  | 84  | 68 | 53 | 1993 | 83.0 |   | 7:45  | 106 | 17:58 | 110  | *  | *  | *    | *  | 0:30  | 31 | 12:49 | 85  | *  | *  | *  | *  |
| 26 | 43   | 38  | 41  | 49  | 61  | 75  | 88  | 97  | 103 | 103 | 100 | 95  | 90  | 85  | 84  | 86  | 90  | 95  | 99  | 101 | 98  | 90  | 79 | 67 | 1957 | 81.5 |   | 8:37  | 104 | 18:50 | 101  | *  | *  | *    | *  | 1:11  | 38 | 13:59 | 84  | *  | *  | *  | *  |
| 27 | 56   | 49  | 46  | 49  | 56  | 66  | 78  | 89  | 97  | 102 | 103 | 100 | 94  | 88  | 83  | 80  | 79  | 81  | 85  | 89  | 92  | 91  | 87 | 80 | 1920 | 80.0 | U | 9:37  | 103 | 20:17 | 92   | *  | *  | *    | *  | 2:2   | 46 | 15:41 | 79  | *  | *  | *  | *  |
| 28 | 71   | 63  | 57  | 54  | 55  | 61  | 70  | 80  | 91  | 99  | 104 | 104 | 100 | 94  | 85  | 77  | 71  | 68  | 69  | 74  | 80  | 85  | 88 | 88 | 1888 | 78.7 |   | 10:34 | 104 | 22:26 | 89   | *  | *  | *    | *  | 3:11  | 54 | 17:13 | 68  | *  | *  | *  | *  |
| 29 | 85   | 79  | 71  | 65  | 61  | 61  | 65  | 73  | 84  | 95  | 103 | 108 | 107 | 101 | 91  | 79  | 67  | 58  | 54  | 55  | 62  | 72  | 82 | 90 | 1868 | 77.8 |   | 11:22 | 108 | *     | *    | *  | *  | 4:32 | 60 | 18:13 | 53 | *     | *   | *  | *  |    |    |
| 30 | 94   | 93  | 88  | 80  | 72  | 66  | 65  | 69  | 78  | 90  | 102 | 110 | 114 | 111 | 101 | 86  | 69  | 53  | 41  | 37  | 41  | 52  | 68 | 83 | 1863 | 77.6 |   | 0:18  | 94  | 12:3  | 114  | *  | *  | *    | *  | 5:44  | 65 | 19:0  | 37  | *  | *  | *  | *  |

| 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 | 58565 | 81.3 | 7日 16時 7分 | 142 | 1  | 6日 22時 42分 | -2 | 1  |

# 推算潮位（毎時・満干潮）

地点名：霧多布

緯度：43°5' N

経度：145°7' E

潮位表基準面の零点：平均海面下 81.0(cm)

2017 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  | 96   | 102 | 102 | 96  | 87  | 77  | 71  | 70  | 75  | 85  | 98  | 111 | 120 | 121 | 114 | 99  | 78  | 55  | 36  | 24  | 22  | 30 | 46 | 67 | 1882 | 78.4 |   | 1:31  | 103 | 12:40 | 121  | *  | *  | *    | *  | 6:41  | 69 | 19:43 | 21  | *  | *  | *  | *  |
| 2  | 88   | 103 | 111 | 110 | 103 | 91  | 81  | 74  | 74  | 81  | 94  | 109 | 122 | 129 | 127 | 115 | 94  | 67  | 41  | 20  | 9   | 10 | 23 | 45 | 1921 | 80.0 |   | 2:26  | 112 | 13:16 | 129  | *  | *  | *    | *  | 7:29  | 74 | 20:25 | 8   | *  | *  | *  | *  |
| 3  | 70   | 94  | 110 | 117 | 115 | 106 | 93  | 83  | 78  | 80  | 90  | 105 | 121 | 133 | 137 | 130 | 112 | 86  | 55  | 27  | 6   | -2 | 3  | 21 | 1970 | 82.1 |   | 3:15  | 118 | 13:53 | 137  | *  | *  | *    | *  | 8:12  | 78 | 21:7  | -2  | *  | *  | *  | *  |
| 4  | 47   | 76  | 100 | 116 | 121 | 117 | 106 | 93  | 84  | 81  | 86  | 98  | 115 | 131 | 141 | 142 | 130 | 107 | 77  | 44  | 16  | -2 | -7 | 3  | 2022 | 84.3 | F | 4:1   | 121 | 14:31 | 143  | *  | *  | *    | *  | 8:52  | 81 | 21:50 | #-7 | *  | *  | *  | *  |
| 5  | 24   | 53  | 82  | 105 | 118 | 121 | 115 | 103 | 91  | 84  | 84  | 91  | 106 | 123 | 138 | 146 | 142 | 126 | 100 | 68  | 36  | 10 | -5 | -5 | 2056 | 85.7 |   | 4:45  | 121 | 15:11 | #146 | *  | *  | *    | *  | 9:32  | 83 | 22:32 | #-7 | *  | *  | *  | *  |
| 6  | 8    | 32  | 62  | 89  | 109 | 119 | 118 | 110 | 99  | 88  | 83  | 85  | 95  | 111 | 128 | 141 | 145 | 138 | 119 | 92  | 60  | 31 | 9  | -1 | 2070 | 86.3 |   | 5:28  | 120 | 15:52 | 145  | *  | *  | *    | *  | 10:13 | 83 | 23:15 | -1  | *  | *  | *  | *  |
| 7  | 2    | 19  | 43  | 71  | 95  | 110 | 117 | 114 | 105 | 94  | 85  | 82  | 86  | 97  | 112 | 128 | 138 | 139 | 129 | 110 | 84  | 55 | 31 | 14 | 2060 | 85.8 |   | 6:9   | 117 | 16:36 | 140  | *  | *  | *    | *  | 10:57 | 82 | 23:57 | 8   | *  | *  | *  | *  |
| 8  | 8    | 15  | 32  | 56  | 80  | 99  | 111 | 114 | 109 | 99  | 89  | 81  | 80  | 85  | 95  | 109 | 122 | 130 | 128 | 118 | 100 | 77 | 54 | 35 | 2026 | 84.4 |   | 6:49  | 114 | 17:22 | 130  | *  | *  | *    | *  | 11:46 | 79 | *     | *   | *  | *  | *  | *  |
| 9  | 23   | 21  | 30  | 47  | 68  | 88  | 103 | 111 | 111 | 105 | 95  | 85  | 78  | 77  | 81  | 91  | 102 | 112 | 117 | 115 | 106 | 92 | 74 | 56 | 1988 | 82.8 |   | 7:29  | 112 | 18:15 | 118  | *  | *  | *    | *  | 0:40  | 21 | 12:44 | 77  | *  | *  | *  | *  |
| 10 | 42   | 35  | 36  | 45  | 60  | 78  | 94  | 106 | 111 | 109 | 102 | 92  | 82  | 75  | 73  | 76  | 83  | 91  | 99  | 103 | 103 | 96 | 86 | 74 | 1951 | 81.3 | L | 8:11  | 111 | 19:20 | 104  | *  | *  | *    | *  | 1:24  | 34 | 13:57 | 73  | *  | *  | *  | *  |
| 11 | 62   | 52  | 48  | 50  | 58  | 71  | 86  | 100 | 109 | 111 | 108 | 101 | 91  | 80  | 72  | 67  | 68  | 72  | 78  | 85  | 90  | 92 | 90 | 85 | 1926 | 80.3 |   | 8:58  | 111 | 20:55 | 92   | *  | *  | *    | *  | 2:12  | 48 | 15:28 | 67  | *  | *  | *  | *  |
| 12 | 78   | 70  | 63  | 60  | 61  | 68  | 79  | 92  | 104 | 111 | 113 | 109 | 101 | 90  | 78  | 67  | 60  | 57  | 59  | 65  | 73  | 80 | 86 | 88 | 1912 | 79.7 |   | 9:50  | 113 | 23:19 | 88   | *  | *  | *    | *  | 3:11  | 60 | 17:2  | 57  | *  | *  | *  | *  |
| 13 | 88   | 84  | 79  | 73  | 69  | 70  | 76  | 85  | 97  | 107 | 114 | 116 | 111 | 102 | 89  | 74  | 60  | 50  | 46  | 47  | 54  | 64 | 75 | 85 | 1915 | 79.8 |   | 10:45 | 116 | *     | *    | *  | *  | 4:22 | 69 | 18:14 | 46 | *     | *   | *  | *  |    |    |
| 14 | 91   | 94  | 92  | 87  | 81  | 76  | 76  | 80  | 89  | 101 | 111 | 118 | 119 | 114 | 102 | 86  | 68  | 51  | 40  | 35  | 38  | 47 | 61 | 76 | 1933 | 80.5 |   | 1:5   | 94  | 11:39 | 119  | *  | *  | *    | *  | 5:35  | 75 | 19:7  | 35  | *  | *  | *  | *  |
| 15 | 89   | 98  | 102 | 99  | 93  | 85  | 80  | 79  | 84  | 93  | 105 | 116 | 123 | 122 | 115 | 100 | 80  | 59  | 41  | 29  | 26  | 32 | 45 | 63 | 1958 | 81.6 |   | 2:7   | 102 | 12:28 | 123  | *  | *  | *    | *  | 6:39  | 79 | 19:51 | 26  | *  | *  | *  | *  |
| 16 | 81   | 96  | 106 | 109 | 105 | 96  | 87  | 81  | 81  | 87  | 98  | 111 | 122 | 127 | 124 | 113 | 94  | 71  | 48  | 30  | 20  | 21 | 31 | 48 | 1987 | 82.8 |   | 2:52  | 109 | 13:11 | 127  | *  | *  | *    | *  | 7:33  | 80 | 20:28 | 19  | *  | *  | *  | *  |
| 17 | 70   | 90  | 105 | 113 | 113 | 107 | 96  | 87  | 82  | 83  | 91  | 103 | 117 | 127 | 130 | 124 | 108 | 86  | 60  | 37  | 21  | 15 | 20 | 35 | 2020 | 84.2 |   | 3:30  | 114 | 13:50 | 130  | *  | *  | *    | *  | 8:19  | 81 | 21:3  | 15  | *  | *  | *  | *  |
| 18 | 56   | 80  | 100 | 113 | 118 | 115 | 106 | 94  | 85  | 82  | 86  | 96  | 110 | 124 | 132 | 131 | 120 | 100 | 74  | 48  | 27  | 14 | 13 | 24 | 2048 | 85.3 | N | 4:4   | 118 | 14:26 | 133  | *  | *  | *    | *  | 9:0   | 82 | 21:36 | 12  | *  | *  | *  | *  |
| 19 | 43   | 67  | 91  | 109 | 119 | 120 | 113 | 102 | 91  | 84  | 83  | 90  | 102 | 117 | 129 | 134 | 128 | 113 | 89  | 62  | 37  | 19 | 12 | 17 | 2071 | 86.3 |   | 4:36  | 120 | 14:59 | 134  | *  | *  | *    | *  | 9:36  | 82 | 22:7  | 12  | *  | *  | *  | *  |
| 20 | 32   | 54  | 79  | 101 | 115 | 121 | 118 | 108 | 97  | 87  | 82  | 85  | 94  | 109 | 123 | 132 | 132 | 122 | 102 | 77  | 50  | 29 | 16 | 14 | 2079 | 86.6 |   | 5:6   | 121 | 15:32 | 134  | *  | *  | *    | *  | 10:10 | 82 | 22:38 | 13  | *  | *  | *  | *  |
| 21 | 24   | 43  | 67  | 90  | 108 | 118 | 119 | 113 | 102 | 91  | 84  | 82  | 88  | 100 | 114 | 126 | 131 | 127 | 112 | 90  | 64  | 41 | 24 | 17 | 2075 | 86.5 |   | 5:37  | 120 | 16:4  | 131  | *  | *  | *    | *  | 10:43 | 82 | 23:8  | 17  | *  | *  | *  | *  |
| 22 | 21   | 35  | 56  | 79  | 99  | 113 | 118 | 116 | 107 | 96  | 86  | 81  | 83  | 91  | 103 | 116 | 125 | 126 | 118 | 101 | 78  | 55 | 35 | 24 | 2062 | 85.9 |   | 6:8   | 118 | 16:37 | 127  | *  | *  | *    | *  | 11:18 | 81 | 23:38 | 21  | *  | *  | *  | *  |
| 23 | 22   | 31  | 48  | 69  | 89  | 106 | 115 | 116 | 110 | 101 | 90  | 83  | 80  | 84  | 93  | 105 | 115 | 121 | 118 | 107 | 89  | 68 | 48 | 34 | 2042 | 85.1 |   | 6:39  | 116 | 17:13 | 121  | *  | *  | *    | *  | 11:55 | 80 | *     | *   | *  | *  | *  | *  |
| 24 | 28   | 31  | 43  | 60  | 80  | 97  | 109 | 114 | 112 | 105 | 95  | 85  | 79  | 79  | 83  | 92  | 102 | 111 | 113 | 109 | 97  | 80 | 62 | 47 | 2013 | 83.9 |   | 7:12  | 114 | 17:53 | 113  | *  | *  | *    | *  | 0:10  | 28 | 12:39 | 78  | *  | *  | *  | *  |
| 25 | 38   | 36  | 42  | 55  | 72  | 88  | 102 | 111 | 113 | 108 | 100 | 90  | 81  | 76  | 76  | 80  | 88  | 96  | 103 | 104 | 99  | 89 | 75 | 61 | 1983 | 82.6 |   | 7:46  | 113 | 18:44 | 104  | *  | *  | *    | *  | 0:43  | 36 | 13:34 | 75  | *  | *  | *  | *  |
| 26 | 51   | 45  | 47  | 54  | 66  | 81  | 95  | 106 | 112 | 111 | 105 | 96  | 86  | 77  | 72  | 71  | 74  | 80  | 87  | 93  | 95  | 92 | 85 | 75 | 1956 | 81.5 | U | 8:24  | 112 | 19:54 | 95   | *  | *  | *    | *  | 1:20  | 45 | 14:46 | 70  | *  | *  | *  | *  |
| 27 | 66   | 59  | 56  | 58  | 65  | 76  | 89  | 101 | 109 | 113 | 111 | 104 | 94  | 83  | 72  | 65  | 62  | 63  | 68  | 76  | 83  | 87 | 88 | 85 | 1933 | 80.5 |   | 9:7   | 113 | 21:40 | 88   | *  | *  | *    | *  | 2:4   | 56 | 16:10 | 62  | *  | *  | *  | *  |
| 28 | 80   | 74  | 69  | 67  | 69  | 75  | 84  | 95  | 106 | 113 | 115 | 112 | 104 | 92  | 78  | 65  | 55  | 49  | 49  | 55  | 64  | 75 | 83 | 89 | 1917 | 79.9 |   | 9:55  | 115 | 23:55 | 90   | *  | *  | *    | *  | 3:3   | 67 | 17:27 | 49  | *  | *  | *  | *  |
| 29 | 90   | 88  | 84  | 80  | 77  | 78  | 83  | 91  | 101 | 111 | 118 | 120 | 116 | 106 | 91  | 73  | 56  | 42  | 35  | 35  | 42  | 55 | 70 | 83 | 1925 | 80.2 |   | 10:48 | 120 | *     | *    | *  | *  | 4:19 | 77 | 18:29 | 34 | *     | *   | *  | *  |    |    |
| 30 | 93   | 98  | 98  | 94  | 89  | 85  | 85  | 89  | 97  | 107 | 117 | 124 | 126 | 120 | 107 | 88  | 66  | 45  | 28  | 20  | 21  | 31 | 48 | 68 | 1944 | 81.0 |   | 1:32  | 99  | 11:43 | 126  | *  | *  | *    | *  | 5:37  | 84 | 19:22 | 19  | *  | *  | *  | *  |
| 31 | 86   | 100 | 107 | 108 | 103 | 96  | 91  | 90  | 93  | 102 | 113 | 124 | 132 | 132 | 124 | 108 | 84  | 57  | 32  | 14  | 6   | 10 | 24 | 46 | 1982 | 82.6 |   | 2:35  | 108 | 12:34 | 133  | *  | *  | *    | *  | 6:46  | 89 | 20:11 | 6   | *  | *  | *  | *  |

| 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 | 61627 | 82.8 | 5日 15時 11分 | 146 | 1  | 5日 22時 32分 | -7 | 2  |