

# 高知

KOCHI

2019年

| 日  | 満潮 |       |     |       | 干潮  |       |     |       | 日   | 満潮 |    |      |     | 干潮    |     |       |     |       |    |
|----|----|-------|-----|-------|-----|-------|-----|-------|-----|----|----|------|-----|-------|-----|-------|-----|-------|----|
|    | 時分 | cm    | 時分  | cm    | 時分  | cm    | 時分  | cm    |     | 時分 | cm | 時分   | cm  | 時分    | cm  | 時分    | cm  |       |    |
| 1月 | 1  | 2 47  | 125 | 14 21 | 148 | 8 11  | 77  | 21 22 | 35  | 4月 | 1  | 4 33 | 143 | 15 54 | 135 | 10 21 | 73  | 22 26 | 32 |
|    | 2  | 4 0   | 134 | 15 9  | 151 | 9 19  | 82  | 22 9  | 21  |    | 2  | 5 0  | 150 | 16 36 | 146 | 10 51 | 60  | 23 0  | 27 |
|    | 3  | 4 54  | 144 | 15 53 | 156 | 10 14 | 82  | 22 50 | 10  |    | 3  | 5 25 | 157 | 17 12 | 157 | 11 18 | 48  | 23 31 | 24 |
|    | 4  | 5 37  | 152 | 16 32 | 159 | 10 59 | 80  | 23 27 | 1   |    | 4  | 5 48 | 162 | 17 47 | 164 | 11 45 | 37  | 23 59 | 24 |
|    | 5  | 6 14  | 157 | 17 9  | 162 | 11 38 | 78  |       |     |    | 5  | 6 11 | 167 | 18 20 | 170 |       |     | 12 13 | 27 |
|    | 6  | 6 48  | 160 | 17 43 | 164 | 0 1   | -3  | 12 12 | 76  |    | 6  | 6 34 | 169 | 18 54 | 172 | 0 28  | 27  | 12 42 | 19 |
|    | 7  | 7 19  | 161 | 18 17 | 164 | 0 33  | -5  | 12 44 | 73  |    | 7  | 6 57 | 170 | 19 30 | 171 | 0 56  | 34  | 13 12 | 13 |
|    | 8  | 7 49  | 159 | 18 50 | 162 | 1 5   | -4  | 13 16 | 72  |    | 8  | 7 22 | 169 | 20 7  | 166 | 1 23  | 42  | 13 45 | 11 |
|    | 9  | 8 19  | 156 | 19 23 | 158 | 1 36  | 0   | 13 48 | 71  |    | 9  | 7 48 | 165 | 20 49 | 158 | 1 56  | 54  | 14 20 | 12 |
|    | 10 | 8 49  | 153 | 19 58 | 151 | 2 7   | 6   | 14 23 | 70  |    | 10 | 8 16 | 158 | 21 39 | 148 | 2 29  | 66  | 15 1  | 17 |
|    | 11 | 9 20  | 149 | 20 36 | 142 | 2 38  | 15  | 15 2  | 71  |    | 11 | 8 48 | 150 | 22 45 | 138 | 3 7   | 80  | 15 51 | 24 |
|    | 12 | 9 54  | 145 | 21 21 | 131 | 3 11  | 26  | 15 48 | 71  |    | 12 | 9 32 | 139 |       |     | 3 59  | 94  | 16 59 | 33 |
|    | 13 | 10 33 | 141 | 22 20 | 121 | 3 48  | 38  | 16 46 | 69  |    | 13 | 0 21 | 132 | 10 51 | 129 | 5 35  | 104 | 18 31 | 37 |
|    | 14 | 11 19 | 137 | 23 43 | 113 | 4 32  | 52  | 17 57 | 65  |    | 14 | 2 7  | 137 | 13 0  | 127 | 7 56  | 99  | 20 4  | 33 |
|    | 15 |       |     | 12 15 | 136 | 5 31  | 66  | 19 14 | 54  |    | 15 | 3 16 | 148 | 14 39 | 139 | 9 13  | 83  | 21 15 | 25 |
|    | 16 | 1 30  | 113 | 13 19 | 137 | 6 53  | 77  | 20 24 | 39  |    | 16 | 4 2  | 160 | 15 47 | 155 | 10 1  | 63  | 22 10 | 19 |
|    | 17 | 3 5   | 124 | 14 21 | 142 | 8 23  | 82  | 21 22 | 20  |    | 17 | 4 39 | 170 | 16 42 | 170 | 10 42 | 43  | 22 56 | 17 |
|    | 18 | 4 13  | 139 | 15 18 | 151 | 9 37  | 81  | 22 14 | 1   |    | 18 | 5 13 | 178 | 17 30 | 181 | 11 21 | 26  | 23 38 | 21 |
|    | 19 | 5 6   | 153 | 16 9  | 160 | 10 35 | 77  | 23 2  | -16 |    | 19 | 5 45 | 182 | 18 16 | 185 | 11 58 | 12  |       |    |
|    | 20 | 5 53  | 165 | 16 58 | 170 | 11 24 | 72  | 23 49 | -29 |    | 20 | 6 16 | 183 | 19 0  | 184 | 0 17  | 30  | 12 35 | 4  |
|    | 21 | 6 37  | 173 | 17 46 | 177 |       |     | 12 9  | 67  |    | 21 | 6 45 | 181 | 19 43 | 177 | 0 53  | 43  | 13 12 | 1  |
|    | 22 | 7 18  | 177 | 18 33 | 180 | 0 34  | -35 | 12 53 | 61  |    | 22 | 7 13 | 176 | 20 26 | 167 | 1 28  | 57  | 13 49 | 4  |
|    | 23 | 7 58  | 176 | 19 20 | 177 | 1 18  | -33 | 13 36 | 57  |    | 23 | 7 41 | 169 | 21 10 | 156 | 2 1   | 71  | 14 26 | 12 |
|    | 24 | 8 37  | 172 | 20 8  | 169 | 2 1   | -23 | 14 21 | 54  |    | 24 | 8 9  | 159 | 21 59 | 144 | 2 35  | 83  | 15 5  | 23 |
|    | 25 | 9 14  | 165 | 20 58 | 156 | 2 43  | -7  | 15 7  | 52  |    | 25 | 8 40 | 148 | 23 0  | 135 | 3 14  | 94  | 15 49 | 35 |
|    | 26 | 9 52  | 157 | 21 52 | 139 | 3 24  | 13  | 15 59 | 52  |    | 26 | 9 19 | 135 |       |     | 4 6   | 102 | 16 46 | 48 |
|    | 27 | 10 30 | 149 | 23 0  | 123 | 4 5   | 36  | 16 59 | 52  |    | 27 | 0 25 | 130 | 10 26 | 123 | 5 39  | 107 | 18 6  | 57 |
|    | 28 | 11 14 | 142 |       |     | 4 51  | 58  | 18 13 | 50  |    | 28 | 1 57 | 132 | 12 32 | 117 | 7 52  | 101 | 19 38 | 60 |
|    | 29 | 0 35  | 112 | 12 10 | 135 | 5 49  | 77  | 19 39 | 45  |    | 29 | 2 58 | 139 | 14 19 | 123 | 9 3   | 88  | 20 49 | 57 |
|    | 30 | 2 36  | 113 | 13 21 | 132 | 7 20  | 90  | 20 56 | 35  |    | 30 | 3 38 | 146 | 15 24 | 134 | 9 44  | 73  | 21 40 | 53 |
|    | 31 | 4 3   | 122 | 14 34 | 134 | 9 1   | 92  | 21 54 | 24  |    |    |      |     |       |     |       |     |       |    |
| 2月 | 1  | 4 55  | 133 | 15 33 | 139 | 10 9  | 87  | 22 38 | 14  | 5月 | 1  | 4 9  | 154 | 16 11 | 146 | 10 16 | 59  | 22 19 | 49 |
|    | 2  | 5 32  | 143 | 16 20 | 146 | 10 54 | 80  | 23 16 | 5   |    | 2  | 4 36 | 161 | 16 52 | 157 | 10 46 | 44  | 22 54 | 48 |
|    | 3  | 6 3   | 150 | 17 0  | 152 | 11 30 | 73  | 23 49 | -1  |    | 3  | 5 2  | 167 | 17 29 | 167 | 11 15 | 31  | 23 27 | 49 |
|    | 4  | 6 32  | 154 | 17 36 | 158 |       |     | 12 1  | 66  |    | 4  | 5 28 | 172 | 18 6  | 174 | 11 45 | 19  | 23 59 | 52 |
|    | 5  | 6 59  | 157 | 18 10 | 161 | 0 20  | -4  | 12 30 | 60  |    | 5  | 5 54 | 176 | 18 43 | 178 |       |     | 12 17 | 10 |
|    | 6  | 7 24  | 158 | 18 43 | 162 | 0 50  | -5  | 12 59 | 56  |    | 6  | 6 21 | 177 | 19 22 | 178 | 0 31  | 58  | 12 50 | 4  |
|    | 7  | 7 50  | 157 | 19 15 | 160 | 1 18  | -2  | 13 29 | 52  |    | 7  | 6 50 | 176 | 20 4  | 174 | 1 5   | 65  | 13 27 | 2  |
|    | 8  | 8 15  | 156 | 19 49 | 155 | 1 46  | 4   | 14 1  | 49  |    | 8  | 7 21 | 172 | 20 49 | 168 | 2 41  | 74  | 14 6  | 15 |
|    | 9  | 8 40  | 154 | 20 25 | 148 | 2 14  | 12  | 14 35 | 48  |    | 9  | 7 55 | 165 | 21 42 | 159 | 2 20  | 85  | 14 51 | 12 |
|    | 10 | 9 7   | 150 | 21 5  | 139 | 2 43  | 23  | 15 12 | 47  |    | 10 | 8 36 | 156 | 22 47 | 151 | 3 7   | 94  | 15 44 | 22 |
|    | 11 | 9 37  | 146 | 21 55 | 128 | 3 14  | 36  | 15 57 | 47  |    | 11 | 9 33 | 145 |       |     | 4 12  | 102 | 16 50 | 33 |
|    | 12 | 10 11 | 140 | 23 3  | 118 | 3 50  | 52  | 16 53 | 47  |    | 12 | 0 7  | 148 | 11 2  | 135 | 5 49  | 104 | 18 10 | 42 |
|    | 13 | 10 57 | 134 |       |     | 4 36  | 68  | 18 7  | 44  |    | 13 | 1 27 | 150 | 12 55 | 135 | 7 35  | 94  | 19 33 | 46 |
|    | 14 | 0 46  | 112 | 12 5  | 130 | 5 51  | 84  | 19 35 | 35  |    | 14 | 2 30 | 157 | 14 27 | 144 | 8 45  | 76  | 20 43 | 46 |
|    | 15 | 2 46  | 120 | 13 35 | 131 | 7 51  | 92  | 20 54 | 20  |    | 15 | 3 18 | 165 | 15 36 | 157 | 9 35  | 57  | 21 40 | 47 |
|    | 16 | 4 5   | 135 | 14 55 | 140 | 9 29  | 87  | 21 57 | 2   |    | 16 | 3 57 | 173 | 16 33 | 169 | 10 18 | 38  | 22 29 | 50 |
|    | 17 | 4 58  | 150 | 15 59 | 153 | 10 29 | 77  | 22 50 | -14 |    | 17 | 4 33 | 179 | 17 23 | 177 | 10 59 | 21  | 23 12 | 56 |
|    | 18 | 5 40  | 163 | 16 53 | 167 | 11 16 | 65  | 23 38 | -26 |    | 18 | 5 7  | 183 | 18 9  | 182 | 11 37 | 10  | 23 53 | 63 |
|    | 19 | 6 19  | 172 | 17 43 | 173 | 11 59 | 53  |       |     |    | 19 | 5 39 | 184 | 18 52 | 182 |       |     | 12 15 | 4  |
|    | 20 | 6 56  | 177 | 18 30 | 178 | 0 22  | -30 | 12 39 | 42  |    | 20 | 6 11 | 182 | 19 34 | 178 | 0 30  | 72  | 12 52 | 3  |
|    | 21 | 7 30  | 178 | 19 16 | 181 | 1 3   | -26 | 13 19 | 34  |    | 21 | 6 41 | 178 | 20 15 | 172 | 1 6   | 80  | 13 28 | 6  |
|    | 22 | 8 3   | 175 | 20 1  | 173 | 1 43  | -14 | 14 0  | 29  |    | 22 | 7 12 | 172 | 20 56 | 164 | 1 42  | 88  | 14 5  | 14 |
|    | 23 | 8 34  | 169 | 20 47 | 159 | 2 20  | 4   | 14 41 | 28  |    | 23 | 7 45 | 164 | 21 39 | 156 | 2 19  | 94  | 14 42 | 24 |
|    | 24 | 9 5   | 161 | 21 36 | 142 | 2 55  | 26  | 15 25 | 30  |    | 24 | 8 21 | 155 | 22 27 | 149 | 3 0   | 99  | 15 23 | 36 |
|    | 25 | 9 35  | 151 | 22 35 | 125 | 3 29  | 48  | 16 13 | 35  |    | 25 | 9 4  | 144 | 23 25 | 144 | 3 51  | 103 | 16 10 | 48 |
|    | 26 | 10 8  | 141 |       |     | 4 5   | 69  | 17 14 | 42  |    | 26 | 10 4 | 133 |       |     | 5 1   | 105 | 17 8  | 59 |
|    | 27 | 0 1   | 112 | 10 52 | 131 | 4 52  | 87  | 18 39 | 46  |    | 27 | 0 32 | 143 | 11 36 | 125 | 6 35  | 101 | 18 19 | 67 |
|    | 28 | 2 19  | 111 | 12 11 | 122 | 6 32  | 99  | 20 17 | 43  |    | 28 | 1 36 | 145 | 13 20 | 126 | 7 57  | 90  | 19 35 | 72 |
|    |    |       |     |       |     |       |     |       |     |    | 29 | 2 27 | 150 | 14 40 | 134 | 8 51  | 76  | 20 39 | 73 |
|    |    |       |     |       |     |       |     |       |     |    | 30 | 3 7  | 157 | 15 39 | 145 | 9 33  | 61  | 21 30 | 72 |
|    |    |       |     |       |     |       |     |       |     |    | 31 | 3 42 | 164 | 16 27 | 157 | 10 9  | 45  | 22 14 | 72 |
| 3月 | 1  | 3 55  | 120 | 14 1  | 121 | 8 59  | 97  | 21 30 | 34  | 6月 | 1  | 4 13 | 170 | 17 10 | 168 | 10 43 | 30  | 22 54 | 73 |
|    | 2  | 4 40  | 131 | 15 19 | 128 | 10 6  | 87  | 22 19 | 24  |    | 2  | 4 45 | 176 | 17 52 | 177 | 11 18 | 16  | 23 32 | 75 |
|    | 3  | 5 11  | 141 | 16 11 | 138 | 10 44 | 76  | 22 57 | 15  |    | 3  | 5 17 | 181 | 18 34 | 183 | 11 55 | 6   |       |    |
|    | 4  | 5 39  | 148 | 16 52 | 148 | 11 15 | 66  | 23 30 | 9   |    | 4  | 5 51 | 184 | 19 16 | 184 | 0 11  | 79  | 12 34 | 0  |
|    | 5  | 6 4   | 154 | 17 27 | 156 | 11 43 | 56  |       |     |    | 5  | 6 27 | 184 | 20 1  | 183 | 0 51  | 84  | 13 15 | -2 |
|    | 6  | 6 28  | 158 |       |     |       |     |       |     |    |    |      |     |       |     |       |     |       |    |

