# 海南

KAINAN　　2025 年

| | 日 | | 満潮 時 | 分 | cm | 満潮 時 | 分 | cm | 干潮 時 | 分 | cm | 干潮 時 | 分 | cm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1月 | 1 | | 7 | 51 | 171 | 18 | 31 | 164 | 0 | 55 | −14 | 13 | 8 | 89 |
| | 2 | | 8 | 26 | 170 | 19 | 17 | 164 | 1 | 34 | −15 | 13 | 48 | 85 |
| | 3 | | 9 | 3 | 168 | 20 | 5 | 159 | 2 | 13 | −11 | 14 | 31 | 82 |
| | 4 | | 9 | 41 | 163 | 20 | 56 | 150 | 2 | 53 | −1 | 15 | 19 | 78 |
| | 5 | | 10 | 19 | 158 | 21 | 54 | 139 | 3 | 33 | 15 | 16 | 13 | 74 |
| | 6 | | 10 | 59 | 152 | 23 | 5 | 127 | 4 | 15 | 36 | 17 | 18 | 67 |
| | 7 | 上弦 | 11 | 41 | 147 | | | | 5 | 1 | 59 | 18 | 32 | 57 |
| | 8 | | 0 | 41 | 119 | 12 | 28 | 143 | 5 | 59 | 82 | 19 | 49 | 43 |
| | 9 | | 2 | 39 | 123 | 13 | 24 | 141 | 7 | 24 | 101 | 20 | 59 | 27 |
| | 10 | | 4 | 21 | 135 | 14 | 29 | 142 | 9 | 7 | 111 | 22 | 0 | 12 |
| | 11 | | 5 | 23 | 149 | 15 | 33 | 146 | 10 | 27 | 111 | 22 | 53 | −2 |
| | 12 | | 6 | 6 | 160 | 16 | 31 | 152 | 11 | 20 | 105 | 23 | 40 | −13 |
| | 13 | | 6 | 42 | 167 | 17 | 22 | 158 | | | | 12 | 1 | 98 |
| | 14 | 望 | 7 | 15 | 170 | 18 | 8 | 162 | 0 | 23 | −19 | 12 | 38 | 90 |
| | 15 | | 7 | 47 | 170 | 18 | 50 | 163 | 1 | 1 | −19 | 13 | 12 | 83 |
| | 16 | | 8 | 17 | 167 | 19 | 29 | 160 | 1 | 37 | −14 | 13 | 46 | 78 |
| | 17 | | 8 | 47 | 163 | 20 | 7 | 153 | 2 | 11 | −4 | 14 | 21 | 74 |
| | 18 | | 9 | 15 | 157 | 20 | 44 | 143 | 2 | 41 | 10 | 14 | 57 | 72 |
| | 19 | | 9 | 41 | 152 | 21 | 25 | 131 | 3 | 9 | 27 | 15 | 37 | 70 |
| | 20 | | 10 | 6 | 147 | 22 | 13 | 118 | 3 | 35 | 45 | 16 | 23 | 68 |
| | 21 | | 10 | 30 | 141 | 23 | 21 | 107 | 4 | 1 | 63 | 17 | 21 | 66 |
| | 22 | 下弦 | 10 | 58 | 137 | | | | 4 | 30 | 80 | 18 | 36 | 61 |
| | 23 | | 1 | 31 | 103 | 11 | 33 | 132 | 5 | 12 | 97 | 20 | 2 | 53 |
| | 24 | | 4 | 19 | 113 | 12 | 30 | 128 | 6 | 55 | 110 | 21 | 16 | 42 |
| | 25 | | 5 | 8 | 127 | 13 | 50 | 127 | 9 | 27 | 113 | 22 | 10 | 28 |
| | 26 | | 5 | 39 | 140 | 15 | 9 | 131 | 10 | 37 | 107 | 22 | 54 | 13 |
| | 27 | | 6 | 6 | 151 | 16 | 13 | 140 | 11 | 15 | 99 | 23 | 32 | −2 |
| | 28 | | 6 | 33 | 160 | 17 | 5 | 152 | 11 | 49 | 90 | | | |
| | 29 | 朔 | 7 | 1 | 167 | 17 | 52 | 162 | 0 | 9 | −14 | 12 | 22 | 79 |
| | 30 | | 7 | 30 | 172 | 18 | 37 | 170 | 0 | 45 | −21 | 12 | 57 | 69 |
| | 31 | | 8 | 0 | 174 | 19 | 22 | 173 | 1 | 21 | −22 | 13 | 35 | 59 |
| 2月 | 1 | | 8 | 31 | 174 | 20 | 8 | 170 | 1 | 57 | −15 | 14 | 14 | 51 |
| | 2 | | 9 | 2 | 170 | 20 | 55 | 160 | 2 | 33 | 0 | 14 | 57 | 45 |
| | 3 | | 9 | 33 | 163 | 21 | 48 | 146 | 3 | 8 | 22 | 15 | 44 | 41 |
| | 4 | | 10 | 3 | 155 | 22 | 52 | 129 | 3 | 43 | 47 | 16 | 38 | 39 |
| | 5 | 上弦 | 10 | 32 | 146 | | | | 4 | 18 | 74 | 17 | 45 | 39 |
| | 6 | | 0 | 28 | 116 | 11 | 3 | 138 | 4 | 55 | 98 | 19 | 12 | 36 |
| | 7 | | 3 | 56 | 120 | 11 | 51 | 130 | 6 | 24 | 118 | 20 | 46 | 28 |
| | 8 | | 5 | 14 | 134 | 13 | 58 | 126 | 10 | 9 | 119 | 21 | 59 | 17 |
| | 9 | | 5 | 41 | 146 | 15 | 38 | 132 | 10 | 59 | 109 | 22 | 52 | 5 |
| | 10 | | 6 | 3 | 154 | 16 | 40 | 143 | 11 | 27 | 97 | 23 | 34 | −4 |
| | 11 | | 6 | 27 | 160 | 17 | 27 | 154 | 11 | 55 | 85 | | | |
| | 12 | 望 | 6 | 51 | 164 | 18 | 7 | 162 | 0 | 11 | −9 | 12 | 24 | 73 |
| | 13 | | 7 | 16 | 166 | 18 | 45 | 165 | 0 | 44 | −9 | 12 | 53 | 63 |
| | 14 | | 7 | 41 | 166 | 19 | 20 | 164 | 1 | 14 | −4 | 13 | 23 | 55 |
| | 15 | | 8 | 5 | 164 | 19 | 54 | 159 | 1 | 42 | 6 | 13 | 54 | 49 |
| | 16 | | 8 | 27 | 161 | 20 | 29 | 151 | 2 | 8 | 20 | 14 | 25 | 46 |
| | 17 | | 8 | 48 | 157 | 21 | 5 | 140 | 2 | 32 | 35 | 14 | 57 | 45 |
| | 18 | | 9 | 7 | 152 | 21 | 47 | 128 | 2 | 56 | 52 | 15 | 32 | 45 |
| | 19 | | 9 | 26 | 146 | 22 | 39 | 116 | 3 | 18 | 69 | 16 | 13 | 48 |
| | 20 | | 9 | 45 | 139 | | | | 3 | 41 | 85 | 17 | 7 | 51 |
| | 21 | 下弦 | 0 | 9 | 107 | 10 | 5 | 132 | 4 | 0 | 100 | 18 | 26 | 52 |
| | 22 | | 10 | 35 | 124 | | | | | | | 20 | 22 | 47 |
| | 23 | | 5 | 2 | 128 | 12 | 39 | 118 | 10 | 10 | 115 | 21 | 43 | 34 |
| | 24 | | 5 | 21 | 140 | 14 | 58 | 123 | 10 | 39 | 105 | 22 | 33 | 18 |
| | 25 | | 5 | 42 | 151 | 16 | 12 | 138 | 11 | 4 | 92 | 23 | 12 | 3 |
| | 26 | | 6 | 4 | 161 | 17 | 3 | 155 | 11 | 32 | 78 | 23 | 48 | −9 |
| | 27 | | 6 | 29 | 170 | 17 | 49 | 170 | | | | 12 | 3 | 61 |
| | 28 | 朔 | 6 | 55 | 176 | 18 | 32 | 181 | 0 | 23 | −14 | 12 | 37 | 45 |
| 3月 | 1 | | 7 | 23 | 180 | 19 | 16 | 185 | 0 | 58 | −11 | 13 | 13 | 30 |
| | 2 | | 7 | 51 | 179 | 20 | 1 | 181 | 1 | 33 | 1 | 13 | 52 | 19 |
| | 3 | | 8 | 20 | 175 | 20 | 48 | 169 | 2 | 8 | 20 | 14 | 33 | 14 |
| | 4 | | 8 | 47 | 167 | 21 | 40 | 152 | 2 | 42 | 45 | 15 | 17 | 15 |
| | 5 | | 9 | 12 | 157 | 22 | 45 | 134 | 3 | 14 | 71 | 16 | 7 | 21 |
| | 6 | | 9 | 31 | 147 | | | | 3 | 42 | 95 | 17 | 10 | 30 |
| | 7 | 上弦 | 0 | 38 | 120 | 9 | 35 | 136 | 3 | 59 | 114 | 18 | 42 | 37 |
| | 8 | | 5 | 21 | 129 | | | | | | | 20 | 32 | 36 |
| | 9 | | 5 | 7 | 139 | 14 | 22 | 117 | 11 | 12 | 112 | 21 | 48 | 29 |
| | 10 | | 5 | 19 | 146 | 15 | 49 | 129 | 10 | 59 | 99 | 22 | 37 | 21 |
| | 11 | | 5 | 34 | 152 | 16 | 39 | 142 | 11 | 13 | 85 | 23 | 15 | 15 |
| | 12 | | 5 | 53 | 157 | 17 | 20 | 154 | 11 | 35 | 71 | 23 | 47 | 13 |
| | 13 | | 6 | 14 | 162 | 17 | 57 | 163 | | | | 12 | 1 | 57 |
| | 14 | 望 | 6 | 36 | 165 | 18 | 31 | 168 | 0 | 17 | 15 | 12 | 28 | 45 |
| | 15 | | 6 | 58 | 167 | 19 | 5 | 169 | 0 | 44 | 21 | 12 | 56 | 36 |
| | 16 | | 7 | 19 | 166 | 19 | 38 | 166 | 1 | 10 | 30 | 13 | 24 | 30 |
| | 17 | | 7 | 38 | 164 | 20 | 12 | 160 | 1 | 35 | 41 | 13 | 52 | 26 |
| | 18 | | 7 | 57 | 161 | 20 | 48 | 151 | 1 | 59 | 54 | 14 | 22 | 26 |
| | 19 | | 8 | 16 | 156 | 21 | 27 | 141 | 2 | 24 | 68 | 14 | 53 | 29 |
| | 20 | | 8 | 34 | 149 | 22 | 17 | 129 | 2 | 49 | 82 | 15 | 29 | 35 |
| | 21 | | 8 | 50 | 142 | 23 | 34 | 118 | 3 | 14 | 95 | 16 | 15 | 42 |
| | 22 | 下弦 | 9 | 2 | 133 | | | | 3 | 41 | 109 | 17 | 23 | 49 |
| | 23 | | 8 | 51 | 124 | | | | | | | 19 | 12 | 50 |
| | 24 | | 4 | 17 | 132 | 12 | 4 | 114 | 10 | 9 | 113 | 20 | 58 | 42 |
| | 25 | | 4 | 38 | 143 | 14 | 53 | 123 | 10 | 14 | 100 | 21 | 56 | 29 |
| | 26 | | 4 | 58 | 154 | 16 | 1 | 142 | 10 | 36 | 83 | 22 | 39 | 18 |
| | 27 | | 5 | 20 | 164 | 16 | 51 | 161 | 11 | 5 | 63 | 23 | 18 | 11 |
| | 28 | | 5 | 45 | 173 | 17 | 37 | 179 | 11 | 37 | 41 | 23 | 55 | 11 |
| | 29 | 朔 | 6 | 12 | 180 | 18 | 22 | 190 | | | | 12 | 12 | 21 |
| | 30 | | 6 | 41 | 184 | 19 | 7 | 194 | 0 | 31 | 19 | 12 | 49 | 4 |
| | 31 | | 7 | 10 | 183 | 19 | 54 | 189 | 1 | 8 | 34 | 13 | 28 | −5 |
| 4月 | 1 | | 7 | 38 | 178 | 20 | 43 | 176 | 1 | 43 | 54 | 14 | 10 | −6 |
| | 2 | | 8 | 5 | 170 | 21 | 38 | 159 | 2 | 19 | 75 | 14 | 55 | 1 |
| | 3 | | 8 | 28 | 159 | 22 | 47 | 141 | 2 | 52 | 96 | 15 | 46 | 14 |
| | 4 | | 8 | 43 | 146 | | | | 3 | 26 | 113 | 16 | 49 | 29 |
| | 5 | 上弦 | 0 | 51 | 130 | 8 | 30 | 134 | 4 | 13 | 126 | 18 | 15 | 42 |
| | 6 | | 3 | 41 | 135 | | | | | | | 19 | 58 | 48 |
| | 7 | | 4 | 10 | 141 | 14 | 29 | 118 | 10 | 30 | 105 | 21 | 14 | 47 |
| | 8 | | 4 | 28 | 146 | 15 | 39 | 130 | 10 | 29 | 90 | 22 | 4 | 44 |
| | 9 | | 4 | 46 | 151 | 16 | 26 | 142 | 10 | 45 | 75 | 22 | 42 | 43 |
| | 10 | | 5 | 7 | 156 | 17 | 6 | 153 | 11 | 8 | 60 | 23 | 14 | 44 |
| | 11 | | 5 | 28 | 161 | 17 | 42 | 162 | 11 | 33 | 46 | 23 | 44 | 47 |
| | 12 | | 5 | 50 | 164 | 18 | 17 | 169 | | | | 12 | 0 | 34 |
| | 13 | 望 | 6 | 11 | 166 | 18 | 50 | 172 | 0 | 12 | 53 | 12 | 27 | 24 |
| | 14 | | 6 | 31 | 167 | 19 | 24 | 171 | 0 | 38 | 60 | 12 | 55 | 18 |
| | 15 | | 6 | 51 | 166 | 19 | 59 | 168 | 1 | 5 | 68 | 13 | 23 | 15 |
| | 16 | | 7 | 12 | 164 | 20 | 36 | 161 | 1 | 32 | 77 | 13 | 53 | 17 |
| | 17 | | 7 | 34 | 159 | 21 | 17 | 152 | 2 | 0 | 87 | 14 | 26 | 21 |
| | 18 | | 7 | 55 | 152 | 22 | 9 | 142 | 2 | 31 | 97 | 15 | 3 | 29 |
| | 19 | | 8 | 16 | 144 | 23 | 22 | 133 | 3 | 6 | 107 | 15 | 50 | 38 |
| | 20 | | 8 | 38 | 135 | | | | 3 | 58 | 117 | 16 | 54 | 46 |
| | 21 | 下弦 | 1 | 29 | 132 | 9 | 20 | 124 | 6 | 9 | 122 | 18 | 22 | 51 |
| | 22 | | 2 | 54 | 139 | 12 | 29 | 118 | 8 | 51 | 111 | 19 | 58 | 50 |
| | 23 | | 3 | 30 | 148 | 14 | 34 | 129 | 9 | 26 | 94 | 21 | 7 | 46 |
| | 24 | | 3 | 59 | 157 | 15 | 42 | 148 | 9 | 58 | 72 | 21 | 59 | 42 |
| | 25 | | 4 | 27 | 166 | 16 | 36 | 167 | 10 | 32 | 48 | 22 | 43 | 43 |
| | 26 | | 4 | 57 | 175 | 17 | 25 | 183 | 11 | 8 | 25 | 23 | 25 | 48 |
| | 27 | | 5 | 27 | 181 | 18 | 13 | 194 | 11 | 47 | 4 | | | |
| | 28 | 朔 | 5 | 59 | 184 | 19 | 1 | 196 | 0 | 5 | 58 | 12 | 27 | −10 |
| | 29 | | 6 | 30 | 184 | 19 | 51 | 191 | 0 | 45 | 72 | 13 | 9 | −16 |
| | 30 | | 7 | 2 | 179 | 20 | 43 | 180 | 1 | 24 | 87 | 13 | 54 | −13 |
| 5月 | 1 | | 7 | 33 | 170 | 21 | 40 | 166 | 2 | 4 | 101 | 14 | 42 | −1 |
| | 2 | | 8 | 2 | 159 | 22 | 46 | 152 | 2 | 46 | 113 | 15 | 34 | 15 |
| | 3 | | 8 | 31 | 146 | | | | 3 | 38 | 122 | 16 | 34 | 32 |
| | 4 | 上弦 | 0 | 9 | 143 | 9 | 4 | 131 | 5 | 13 | 126 | 17 | 43 | 48 |
| | 5 | | 1 | 45 | 141 | 11 | 44 | 119 | 8 | 44 | 116 | 19 | 2 | 60 |
| | 6 | | 2 | 43 | 143 | 14 | 1 | 121 | 9 | 18 | 101 | 20 | 16 | 67 |
| | 7 | | 3 | 18 | 147 | 15 | 14 | 130 | 9 | 43 | 86 | 21 | 13 | 71 |
| | 8 | | 3 | 45 | 151 | 16 | 6 | 141 | 10 | 9 | 70 | 21 | 57 | 74 |
| | 9 | | 4 | 11 | 155 | 16 | 50 | 151 | 10 | 36 | 56 | 22 | 35 | 77 |
| | 10 | | 4 | 35 | 159 | 17 | 29 | 161 | 11 | 4 | 42 | 23 | 9 | 81 |
| | 11 | | 4 | 59 | 163 | 18 | 5 | 168 | 11 | 32 | 30 | 23 | 40 | 85 |
| | 12 | | 5 | 22 | 165 | 18 | 41 | 173 | | | | 12 | 1 | 21 |
| | 13 | 望 | 5 | 46 | 167 | 19 | 16 | 175 | 0 | 11 | 89 | 12 | 31 | 16 |
| | 14 | | 6 | 11 | 168 | 19 | 52 | 173 | 0 | 41 | 92 | 13 | 2 | 13 |
| | 15 | | 6 | 38 | 166 | 20 | 32 | 169 | 1 | 13 | 97 | 13 | 36 | 15 |
| | 16 | | 7 | 6 | 162 | 21 | 15 | 162 | 1 | 47 | 102 | 14 | 13 | 19 |
| | 17 | | 7 | 37 | 156 | 22 | 6 | 156 | 2 | 25 | 108 | 14 | 54 | 26 |
| | 18 | | 8 | 12 | 149 | 23 | 6 | 150 | 3 | 13 | 114 | 15 | 42 | 35 |
| | 19 | | 9 | 1 | 139 | | | | 4 | 19 | 117 | 16 | 39 | 44 |
| | 20 | 下弦 | 0 | 14 | 148 | 10 | 29 | 131 | 5 | 54 | 115 | 17 | 46 | 53 |
| | 21 | | 1 | 21 | 151 | 12 | 28 | 129 | 7 | 30 | 103 | 19 | 2 | 61 |
| | 22 | | 2 | 12 | 155 | 14 | 9 | 138 | 8 | 30 | 85 | 20 | 14 | 68 |
| | 23 | | 2 | 53 | 161 | 15 | 23 | 153 | 9 | 16 | 62 | 21 | 16 | 73 |
| | 24 | | 3 | 30 | 168 | 16 | 23 | 169 | 9 | 59 | 38 | 22 | 10 | 80 |
| | 25 | | 4 | 7 | 174 | 17 | 18 | 183 | 10 | 42 | 16 | 22 | 59 | 87 |
| | 26 | | 4 | 44 | 179 | 18 | 11 | 192 | 11 | 26 | −1 | 23 | 45 | 95 |
| | 27 | 朔 | 5 | 22 | 183 | 19 | 2 | 195 | | | | 12 | 12 | −11 |
| | 28 | | 6 | 1 | 183 | 19 | 52 | 192 | 0 | 30 | 102 | 12 | 58 | −14 |
| | 29 | | 6 | 40 | 180 | 20 | 42 | 184 | 1 | 15 | 108 | 13 | 46 | −8 |
| | 30 | | 7 | 21 | 173 | 21 | 32 | 175 | 1 | 59 | 113 | 14 | 34 | 3 |
| | 31 | | 8 | 5 | 163 | 22 | 22 | 165 | 2 | 47 | 117 | 15 | 23 | 19 |
| 6月 | 1 | | 8 | 54 | 151 | 23 | 15 | 156 | 3 | 41 | 118 | 16 | 11 | 37 |
| | 2 | | 9 | 58 | 138 | | | | 4 | 51 | 117 | 17 | 1 | 55 |
| | 3 | 上弦 | 0 | 9 | 151 | 11 | 24 | 128 | 6 | 26 | 110 | 17 | 55 | 71 |
| | 4 | | 1 | 2 | 149 | 13 | 10 | 125 | 7 | 53 | 99 | 18 | 56 | 85 |
| | 5 | | 1 | 49 | 150 | 14 | 40 | 130 | 8 | 46 | 85 | 20 | 1 | 95 |
| | 6 | | 2 | 28 | 152 | 15 | 47 | 139 | 9 | 26 | 71 | 21 | 2 | 103 |
| | 7 | | 3 | 2 | 154 | 16 | 39 | 150 | 10 | 1 | 57 | 21 | 53 | 107 |
| | 8 | | 3 | 34 | 157 | 17 | 23 | 160 | 10 | 35 | 45 | 22 | 38 | 109 |
| | 9 | | 4 | 5 | 161 | 18 | 2 | 169 | 11 | 8 | 34 | 23 | 17 | 110 |
| | 10 | | 4 | 37 | 164 | 18 | 38 | 175 | 11 | 42 | 25 | 23 | 53 | 109 |
| | 11 | 望 | 5 | 10 | 168 | 19 | 14 | 178 | | | | 12 | 16 | 19 |
| | 12 | | 5 | 45 | 170 | 19 | 50 | 179 | 0 | 28 | 109 | 12 | 52 | 16 |
| | 13 | | 6 | 21 | 171 | 20 | 28 | 178 | 1 | 4 | 108 | 13 | 29 | 15 |
| | 14 | | 7 | 0 | 169 | 21 | 7 | 175 | 1 | 43 | 109 | 14 | 8 | 18 |
| | 15 | | 7 | 43 | 165 | 21 | 50 | 171 | 2 | 25 | 109 | 14 | 49 | 24 |
| | 16 | | 8 | 32 | 159 | 22 | 34 | 168 | 3 | 14 | 110 | 15 | 33 | 33 |
| | 17 | | 9 | 31 | 151 | 23 | 20 | 165 | 4 | 11 | 108 | 16 | 19 | 46 |
| | 18 | | 10 | 43 | 144 | | | | 5 | 18 | 102 | 17 | 11 | 61 |
| | 19 | 下弦 | 0 | 8 | 163 | 12 | 12 | 141 | 6 | 31 | 91 | 18 | 12 | 78 |
| | 20 | | 0 | 56 | 163 | 13 | 47 | 144 | 7 | 39 | 75 | 19 | 23 | 94 |
| | 21 | | 1 | 45 | 165 | 15 | 13 | 155 | 8 | 39 | 56 | 20 | 37 | 106 |
| | 22 | | 2 | 33 | 167 | 16 | 25 | 168 | 9 | 33 | 36 | 21 | 46 | 114 |
| | 23 | | 3 | 22 | 172 | 17 | 26 | 181 | 10 | 26 | 19 | 22 | 46 | 118 |
| | 24 | | 4 | 11 | 176 | 18 | 18 | 190 | 11 | 17 | 5 | 23 | 39 | 118 |
| | 25 | 朔 | 5 | 0 | 181 | 19 | 5 | 194 | | | | 12 | 6 | −3 |
| | 26 | | 5 | 50 | 184 | 19 | 48 | 194 | 0 | 26 | 116 | 12 | 53 | −5 |
| | 27 | | 6 | 38 | 184 | 20 | 28 | 190 | 1 | 9 | 114 | 13 | 38 | 0 |
| | 28 | | 7 | 24 | 180 | 21 | 7 | 183 | 1 | 51 | 111 | 14 | 21 | 11 |
| | 29 | | 8 | 10 | 173 | 21 | 44 | 176 | 2 | 34 | 109 | 15 | 1 | 26 |
| | 30 | | 8 | 57 | 162 | 22 | 19 | 170 | 3 | 18 | 107 | 15 | 38 | 44 |

潮位表基準面の零点: 平均海面下　111.0 (cm)

# 海南

KAINAN　　2025 年

| | 日 | | 満潮 時 | 分 | cm | 満潮 時 | 分 | cm | 干潮 時 | 分 | cm | 干潮 時 | 分 | cm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7月 | 1 | | 9 | 46 | 151 | 22 | 53 | 164 | 4 | 8 | 104 | 16 | 14 | 63 |
| | 2 | | 10 | 46 | 139 | 23 | 27 | 160 | 5 | 8 | 101 | 16 | 50 | 82 |
| | 3 | 上弦 | | | | 12 | 8 | 131 | 6 | 19 | 95 | 17 | 31 | 99 |
| | 4 | | 0 | 3 | 157 | 13 | 59 | 131 | 7 | 32 | 86 | 18 | 28 | 114 |
| | 5 | | 0 | 43 | 155 | 15 | 38 | 140 | 8 | 34 | 75 | 19 | 51 | 125 |
| | 6 | | 1 | 31 | 154 | 16 | 43 | 151 | 9 | 26 | 64 | 21 | 18 | 129 |
| | 7 | | 2 | 24 | 155 | 17 | 27 | 162 | 10 | 11 | 53 | 22 | 23 | 128 |
| | 8 | | 3 | 16 | 158 | 18 | 3 | 172 | 10 | 52 | 42 | 23 | 9 | 125 |
| | 9 | | 4 | 6 | 163 | 18 | 35 | 179 | 11 | 30 | 32 | 23 | 46 | 120 |
| | 10 | | 4 | 53 | 170 | 19 | 6 | 184 | | | | 12 | 7 | 23 |
| | 11 | 望 | 5 | 38 | 176 | 19 | 38 | 188 | 0 | 21 | 114 | 12 | 44 | 17 |
| | 12 | | 6 | 22 | 180 | 20 | 10 | 189 | 0 | 56 | 109 | 13 | 20 | 14 |
| | 13 | | 7 | 6 | 183 | 20 | 43 | 189 | 1 | 34 | 104 | 13 | 57 | 17 |
| | 14 | | 7 | 52 | 181 | 21 | 18 | 187 | 2 | 14 | 100 | 14 | 34 | 24 |
| | 15 | | 8 | 40 | 176 | 21 | 52 | 183 | 2 | 58 | 95 | 15 | 12 | 38 |
| | 16 | | 9 | 33 | 168 | 22 | 28 | 179 | 3 | 46 | 90 | 15 | 51 | 56 |
| | 17 | | 10 | 35 | 158 | 23 | 5 | 174 | 4 | 42 | 84 | 16 | 34 | 78 |
| | 18 | 下弦 | 11 | 55 | 150 | 23 | 45 | 169 | 5 | 45 | 77 | 17 | 24 | 101 |
| | 19 | | | | | 13 | 39 | 148 | 6 | 57 | 67 | 18 | 33 | 122 |
| | 20 | | 0 | 35 | 166 | 15 | 33 | 156 | 8 | 11 | 55 | 20 | 14 | 135 |
| | 21 | | 1 | 39 | 164 | 16 | 52 | 170 | 9 | 21 | 42 | 21 | 52 | 137 |
| | 22 | | 2 | 53 | 167 | 17 | 41 | 182 | 10 | 22 | 28 | 22 | 56 | 132 |
| | 23 | | 4 | 2 | 173 | 18 | 20 | 191 | 11 | 15 | 17 | 23 | 41 | 124 |
| | 24 | | 5 | 1 | 181 | 18 | 55 | 195 | | | | 12 | 2 | 9 |
| | 25 | 朔 | 5 | 52 | 188 | 19 | 28 | 197 | 0 | 19 | 115 | 12 | 43 | 8 |
| | 26 | | 6 | 38 | 192 | 19 | 59 | 195 | 0 | 56 | 106 | 13 | 22 | 12 |
| | 27 | | 7 | 20 | 191 | 20 | 29 | 192 | 1 | 32 | 99 | 13 | 57 | 23 |
| | 28 | | 8 | 0 | 185 | 20 | 57 | 187 | 2 | 8 | 94 | 14 | 29 | 38 |
| | 29 | | 8 | 40 | 175 | 21 | 23 | 181 | 2 | 45 | 91 | 14 | 58 | 56 |
| | 30 | | 9 | 22 | 163 | 21 | 47 | 176 | 3 | 24 | 89 | 15 | 25 | 75 |
| | 31 | | 10 | 10 | 151 | 22 | 10 | 171 | 4 | 8 | 88 | 15 | 51 | 94 |
| 8月 | 1 | 上弦 | 11 | 14 | 140 | 22 | 33 | 165 | 5 | 0 | 87 | 16 | 19 | 111 |
| | 2 | | 13 | 9 | 135 | 23 | 3 | 160 | 6 | 5 | 85 | 16 | 59 | 127 |
| | 3 | | 15 | 54 | 143 | 23 | 52 | 155 | 7 | 26 | 81 | 18 | 30 | 140 |
| | 4 | | | | | 16 | 51 | 156 | 8 | 48 | 73 | 21 | 24 | 143 |
| | 5 | | 1 | 13 | 152 | 17 | 24 | 167 | 9 | 51 | 62 | 22 | 31 | 137 |
| | 6 | | 2 | 45 | 155 | 17 | 52 | 177 | 10 | 38 | 49 | 23 | 6 | 128 |
| | 7 | | 3 | 57 | 163 | 18 | 18 | 185 | 11 | 17 | 37 | 23 | 37 | 119 |
| | 8 | | 4 | 51 | 174 | 18 | 44 | 192 | 11 | 52 | 26 | | | |
| | 9 | 望 | 5 | 37 | 185 | 19 | 10 | 197 | 0 | 7 | 109 | 12 | 26 | 19 |
| | 10 | | 6 | 21 | 194 | 19 | 38 | 201 | 0 | 40 | 98 | 13 | 0 | 17 |
| | 11 | | 7 | 4 | 199 | 20 | 7 | 202 | 1 | 15 | 87 | 13 | 35 | 22 |
| | 12 | | 7 | 48 | 199 | 20 | 37 | 200 | 1 | 53 | 78 | 14 | 9 | 34 |
| | 13 | | 8 | 34 | 192 | 21 | 7 | 195 | 2 | 33 | 71 | 14 | 44 | 53 |
| | 14 | | 9 | 24 | 181 | 21 | 36 | 188 | 3 | 17 | 66 | 15 | 20 | 76 |
| | 15 | | 10 | 24 | 167 | 22 | 5 | 180 | 4 | 7 | 64 | 15 | 56 | 101 |
| | 16 | 下弦 | 11 | 45 | 153 | 22 | 34 | 171 | 5 | 8 | 64 | 16 | 36 | 125 |
| | 17 | | 14 | 16 | 150 | 23 | 16 | 163 | 6 | 25 | 63 | 17 | 48 | 145 |
| | 18 | | | | | 16 | 29 | 163 | 7 | 57 | 59 | 21 | 13 | 150 |
| | 19 | | 1 | 3 | 157 | 17 | 9 | 175 | 9 | 21 | 49 | 22 | 29 | 141 |
| | 20 | | 3 | 2 | 161 | 17 | 37 | 184 | 10 | 22 | 38 | 23 | 2 | 128 |
| | 21 | | 4 | 13 | 173 | 18 | 2 | 191 | 11 | 8 | 29 | 23 | 32 | 115 |
| | 22 | | 5 | 5 | 184 | 18 | 28 | 195 | 11 | 48 | 24 | | | |
| | 23 | 朔 | 5 | 49 | 193 | 18 | 54 | 198 | 0 | 3 | 101 | 12 | 23 | 24 |
| | 24 | | 6 | 28 | 198 | 19 | 20 | 198 | 0 | 34 | 90 | 12 | 55 | 30 |
| | 25 | | 7 | 6 | 197 | 19 | 44 | 197 | 1 | 6 | 81 | 13 | 25 | 41 |
| | 26 | | 7 | 42 | 192 | 20 | 7 | 193 | 1 | 37 | 74 | 13 | 52 | 56 |
| | 27 | | 8 | 19 | 184 | 20 | 28 | 188 | 2 | 9 | 71 | 14 | 17 | 72 |
| | 28 | | 8 | 56 | 173 | 20 | 46 | 183 | 2 | 42 | 70 | 14 | 40 | 89 |
| | 29 | | 9 | 39 | 161 | 21 | 4 | 176 | 3 | 17 | 71 | 15 | 3 | 106 |
| | 30 | | 10 | 33 | 149 | 21 | 21 | 169 | 3 | 58 | 75 | 15 | 26 | 121 |
| | 31 | 上弦 | 12 | 12 | 140 | 21 | 39 | 162 | 4 | 51 | 79 | 15 | 50 | 135 |
| 9月 | 1 | | | | | 21 | 56 | 153 | 6 | 9 | 82 | | | |
| | 2 | | | | | 16 | 40 | 160 | 8 | 1 | 78 | 22 | 13 | 144 |
| | 3 | | 0 | 12 | 146 | 17 | 2 | 170 | 9 | 24 | 68 | 22 | 31 | 134 |
| | 4 | | 2 | 43 | 150 | 17 | 23 | 180 | 10 | 13 | 55 | 22 | 51 | 122 |
| | 5 | | 3 | 55 | 163 | 17 | 44 | 189 | 10 | 52 | 42 | 23 | 16 | 108 |
| | 6 | | 4 | 45 | 178 | 18 | 7 | 197 | 11 | 26 | 32 | 23 | 44 | 92 |
| | 7 | | 5 | 28 | 193 | 18 | 31 | 203 | 11 | 59 | 26 | | | |
| | 8 | 望 | 6 | 11 | 205 | 18 | 57 | 208 | 0 | 16 | 75 | 12 | 33 | 28 |
| | 9 | | 6 | 54 | 211 | 19 | 25 | 209 | 0 | 50 | 60 | 13 | 7 | 37 |
| | 10 | | 7 | 38 | 210 | 19 | 53 | 206 | 1 | 27 | 48 | 13 | 41 | 53 |
| | 11 | | 8 | 24 | 201 | 20 | 20 | 199 | 2 | 7 | 41 | 14 | 16 | 75 |
| | 12 | | 9 | 15 | 187 | 20 | 46 | 190 | 2 | 50 | 40 | 14 | 49 | 99 |
| | 13 | | 10 | 17 | 169 | 21 | 8 | 179 | 3 | 39 | 45 | 15 | 22 | 123 |
| | 14 | 下弦 | 11 | 54 | 154 | 21 | 21 | 167 | 4 | 39 | 53 | 15 | 55 | 142 |
| | 15 | | | | | 15 | 50 | 158 | 6 | 4 | 61 | | | |
| | 16 | | | | | 16 | 29 | 168 | 7 | 49 | 63 | 22 | 35 | 142 |
| | 17 | | 1 | 37 | 147 | 16 | 49 | 176 | 9 | 13 | 57 | 22 | 33 | 128 |
| | 18 | | 3 | 19 | 157 | 17 | 7 | 182 | 10 | 8 | 49 | 22 | 50 | 113 |
| | 19 | | 4 | 15 | 171 | 17 | 27 | 187 | 10 | 49 | 45 | 23 | 13 | 97 |
| | 20 | | 4 | 58 | 183 | 17 | 50 | 192 | 11 | 23 | 43 | 23 | 40 | 82 |
| | 21 | | 5 | 37 | 191 | 18 | 13 | 195 | 11 | 54 | 46 | | | |
| | 22 | 朔 | 6 | 14 | 196 | 18 | 35 | 196 | 0 | 9 | 69 | 12 | 23 | 53 |
| | 23 | | 6 | 49 | 196 | 18 | 57 | 195 | 0 | 37 | 59 | 12 | 50 | 63 |
| | 24 | | 7 | 24 | 193 | 19 | 17 | 192 | 1 | 6 | 52 | 13 | 16 | 75 |
| | 25 | | 7 | 59 | 187 | 19 | 35 | 188 | 1 | 35 | 49 | 13 | 40 | 88 |
| | 26 | | 8 | 36 | 177 | 19 | 52 | 183 | 2 | 5 | 50 | 14 | 4 | 101 |
| | 27 | | 9 | 16 | 166 | 20 | 9 | 176 | 2 | 37 | 53 | 14 | 29 | 114 |
| | 28 | | 10 | 8 | 154 | 20 | 24 | 167 | 3 | 13 | 60 | 14 | 54 | 126 |
| | 29 | | 11 | 34 | 145 | 20 | 32 | 158 | 3 | 59 | 68 | 15 | 21 | 138 |
| | 30 | 上弦 | | | | 19 | 31 | 149 | 5 | 8 | 75 | | | |

| | 日 | | 満潮 時 | 分 | cm | 満潮 時 | 分 | cm | 干潮 時 | 分 | cm | 干潮 時 | 分 | cm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10月 | 1 | | | | | 15 | 59 | 159 | 6 | 56 | 77 | | | |
| | 2 | | | | | 16 | 19 | 168 | 8 | 36 | 70 | 22 | 7 | 123 |
| | 3 | | 2 | 36 | 143 | 16 | 38 | 177 | 9 | 33 | 59 | 22 | 22 | 107 |
| | 4 | | 3 | 42 | 160 | 16 | 58 | 186 | 10 | 15 | 50 | 22 | 47 | 88 |
| | 5 | | 4 | 30 | 178 | 17 | 21 | 195 | 10 | 52 | 43 | 23 | 16 | 66 |
| | 6 | | 5 | 15 | 195 | 17 | 46 | 202 | 11 | 28 | 42 | 23 | 49 | 45 |
| | 7 | 望 | 5 | 58 | 208 | 18 | 14 | 206 | | | | 12 | 4 | 48 |
| | 8 | | 6 | 43 | 213 | 18 | 42 | 207 | 0 | 25 | 27 | 12 | 40 | 60 |
| | 9 | | 7 | 29 | 211 | 19 | 10 | 203 | 1 | 3 | 16 | 13 | 16 | 77 |
| | 10 | | 8 | 18 | 200 | 19 | 38 | 196 | 1 | 44 | 12 | 13 | 52 | 97 |
| | 11 | | 9 | 12 | 185 | 20 | 4 | 185 | 2 | 28 | 17 | 14 | 27 | 117 |
| | 12 | | 10 | 19 | 167 | 20 | 24 | 171 | 3 | 19 | 28 | 15 | 4 | 134 |
| | 13 | | 12 | 7 | 155 | 20 | 25 | 157 | 4 | 22 | 43 | 16 | 0 | 147 |
| | 14 | 下弦 | | | | 14 | 54 | 157 | 5 | 45 | 57 | | | |
| | 15 | | | | | 15 | 39 | 163 | 7 | 24 | 64 | 22 | 3 | 126 |
| | 16 | | 1 | 55 | 138 | 16 | 2 | 168 | 8 | 44 | 64 | 22 | 8 | 109 |
| | 17 | | 3 | 14 | 149 | 16 | 22 | 172 | 9 | 38 | 63 | 22 | 26 | 92 |
| | 18 | | 4 | 5 | 161 | 16 | 43 | 177 | 10 | 18 | 63 | 22 | 49 | 76 |
| | 19 | | 4 | 47 | 172 | 17 | 5 | 181 | 10 | 52 | 66 | 23 | 15 | 61 |
| | 20 | | 5 | 25 | 180 | 17 | 27 | 184 | 11 | 22 | 70 | 23 | 43 | 48 |
| | 21 | 朔 | 6 | 1 | 186 | 17 | 49 | 186 | 11 | 51 | 76 | | | |
| | 22 | | 6 | 36 | 188 | 18 | 9 | 186 | 0 | 10 | 38 | 12 | 18 | 83 |
| | 23 | | 7 | 11 | 187 | 18 | 29 | 184 | 0 | 38 | 31 | 12 | 45 | 91 |
| | 24 | | 7 | 46 | 183 | 18 | 50 | 181 | 1 | 7 | 29 | 13 | 12 | 99 |
| | 25 | | 8 | 23 | 176 | 19 | 10 | 176 | 1 | 37 | 30 | 13 | 40 | 107 |
| | 26 | | 9 | 5 | 166 | 19 | 31 | 168 | 2 | 9 | 35 | 14 | 9 | 116 |
| | 27 | | 9 | 56 | 156 | 19 | 50 | 160 | 2 | 46 | 43 | 14 | 43 | 125 |
| | 28 | | 11 | 9 | 148 | 20 | 6 | 149 | 3 | 31 | 52 | 15 | 34 | 133 |
| | 29 | | 13 | 15 | 147 | 20 | 2 | 138 | 4 | 32 | 61 | 17 | 58 | 137 |
| | 30 | 上弦 | 14 | 37 | 153 | 23 | 49 | 127 | 5 | 55 | 67 | 21 | 5 | 124 |
| | 31 | | | | | 15 | 11 | 161 | 7 | 27 | 67 | 21 | 18 | 107 |
| 11月 | 1 | | 2 | 10 | 135 | 15 | 37 | 169 | 8 | 38 | 64 | 21 | 43 | 87 |
| | 2 | | 3 | 20 | 152 | 16 | 3 | 177 | 9 | 31 | 61 | 22 | 13 | 63 |
| | 3 | | 4 | 13 | 170 | 16 | 31 | 185 | 10 | 15 | 61 | 22 | 47 | 38 |
| | 4 | | 5 | 2 | 187 | 17 | 0 | 192 | 10 | 57 | 64 | 23 | 24 | 16 |
| | 5 | 望 | 5 | 50 | 199 | 17 | 31 | 196 | 11 | 38 | 72 | | | |
| | 6 | | 6 | 37 | 204 | 18 | 4 | 197 | 0 | 3 | −1 | 12 | 18 | 83 |
| | 7 | | 7 | 27 | 202 | 18 | 36 | 193 | 0 | 45 | −10 | 12 | 58 | 96 |
| | 8 | | 8 | 18 | 193 | 19 | 9 | 186 | 1 | 29 | −10 | 13 | 38 | 109 |
| | 9 | | 9 | 14 | 179 | 19 | 42 | 174 | 2 | 17 | −1 | 14 | 21 | 120 |
| | 10 | | 10 | 18 | 165 | 20 | 15 | 160 | 3 | 10 | 13 | 15 | 12 | 129 |
| | 11 | | 11 | 35 | 155 | 20 | 58 | 143 | 4 | 8 | 31 | 16 | 34 | 133 |
| | 12 | 下弦 | 13 | 8 | 150 | 23 | 6 | 129 | 5 | 15 | 48 | 19 | 59 | 125 |
| | 13 | | | | | 14 | 15 | 151 | 6 | 31 | 62 | 21 | 0 | 108 |
| | 14 | | 1 | 29 | 127 | 14 | 54 | 154 | 7 | 48 | 72 | 21 | 29 | 91 |
| | 15 | | 2 | 54 | 134 | 15 | 23 | 158 | 8 | 49 | 78 | 21 | 56 | 74 |
| | 16 | | 3 | 52 | 144 | 15 | 49 | 161 | 9 | 36 | 83 | 22 | 23 | 58 |
| | 17 | | 4 | 38 | 154 | 16 | 15 | 165 | 10 | 16 | 87 | 22 | 51 | 43 |
| | 18 | | 5 | 18 | 163 | 16 | 39 | 168 | 10 | 51 | 90 | 23 | 20 | 31 |
| | 19 | | 5 | 56 | 170 | 17 | 3 | 170 | 11 | 24 | 93 | 23 | 49 | 21 |
| | 20 | 朔 | 6 | 31 | 175 | 17 | 28 | 171 | 11 | 55 | 96 | | | |
| | 21 | | 7 | 7 | 176 | 17 | 53 | 171 | 0 | 19 | 15 | 12 | 26 | 99 |
| | 22 | | 7 | 42 | 174 | 18 | 19 | 169 | 0 | 50 | 13 | 12 | 57 | 102 |
| | 23 | | 8 | 20 | 170 | 18 | 47 | 165 | 1 | 23 | 14 | 13 | 30 | 105 |
| | 24 | | 9 | 1 | 163 | 19 | 16 | 159 | 1 | 58 | 18 | 14 | 6 | 109 |
| | 25 | | 9 | 47 | 157 | 19 | 48 | 151 | 2 | 36 | 24 | 14 | 50 | 114 |
| | 26 | | 10 | 40 | 151 | 20 | 29 | 140 | 3 | 19 | 33 | 15 | 49 | 117 |
| | 27 | | 11 | 42 | 148 | 21 | 42 | 129 | 4 | 9 | 42 | 17 | 18 | 116 |
| | 28 | 上弦 | 12 | 47 | 148 | 23 | 41 | 122 | 5 | 8 | 52 | 19 | 4 | 106 |
| | 29 | | | | | 13 | 41 | 152 | 6 | 18 | 62 | 20 | 12 | 87 |
| | 30 | | 1 | 35 | 127 | 14 | 24 | 157 | 7 | 34 | 70 | 20 | 58 | 65 |
| 12月 | 1 | | 2 | 58 | 140 | 15 | 2 | 163 | 8 | 42 | 76 | 21 | 40 | 40 |
| | 2 | | 4 | 2 | 157 | 15 | 40 | 169 | 9 | 41 | 82 | 22 | 22 | 16 |
| | 3 | | 4 | 58 | 172 | 16 | 18 | 175 | 10 | 32 | 87 | 23 | 5 | −4 |
| | 4 | | 5 | 50 | 184 | 16 | 57 | 180 | 11 | 20 | 92 | 23 | 50 | −19 |
| | 5 | 望 | 6 | 41 | 189 | 17 | 37 | 182 | | | | 12 | 6 | 97 |
| | 6 | | 7 | 31 | 189 | 18 | 19 | 180 | 0 | 37 | −26 | 12 | 51 | 101 |
| | 7 | | 8 | 20 | 183 | 19 | 2 | 175 | 1 | 24 | −24 | 13 | 36 | 105 |
| | 8 | | 9 | 8 | 174 | 19 | 47 | 165 | 2 | 12 | −15 | 14 | 22 | 107 |
| | 9 | | 9 | 56 | 164 | 20 | 36 | 152 | 3 | 0 | 0 | 15 | 13 | 108 |
| | 10 | | 10 | 45 | 154 | 21 | 34 | 137 | 3 | 47 | 19 | 16 | 15 | 107 |
| | 11 | | 11 | 35 | 147 | 22 | 49 | 123 | 4 | 34 | 39 | 17 | 41 | 102 |
| | 12 | 下弦 | | | | 12 | 27 | 143 | 5 | 24 | 59 | 19 | 25 | 91 |
| | 13 | | 0 | 34 | 115 | 13 | 17 | 141 | 6 | 21 | 76 | 20 | 32 | 76 |
| | 14 | | 2 | 24 | 117 | 14 | 2 | 142 | 7 | 30 | 90 | 21 | 18 | 61 |
| | 15 | | 3 | 44 | 125 | 14 | 41 | 143 | 8 | 40 | 99 | 21 | 55 | 47 |
| | 16 | | 4 | 41 | 136 | 15 | 17 | 146 | 9 | 41 | 103 | 22 | 30 | 33 |
| | 17 | | 5 | 24 | 147 | 15 | 51 | 149 | 10 | 30 | 104 | 23 | 4 | 22 |
| | 18 | | 6 | 1 | 156 | 16 | 25 | 152 | 11 | 11 | 103 | 23 | 37 | 12 |
| | 19 | | 6 | 35 | 162 | 16 | 59 | 155 | 11 | 46 | 100 | | | |
| | 20 | 朔 | 7 | 8 | 166 | 17 | 34 | 158 | 0 | 10 | 5 | 12 | 20 | 98 |
| | 21 | | 7 | 41 | 167 | 18 | 9 | 159 | 0 | 44 | 1 | 12 | 53 | 96 |
| | 22 | | 8 | 15 | 166 | 18 | 47 | 158 | 1 | 18 | −1 | 13 | 28 | 94 |
| | 23 | | 8 | 49 | 163 | 19 | 26 | 154 | 1 | 53 | 1 | 14 | 6 | 94 |
| | 24 | | 9 | 26 | 160 | 20 | 9 | 148 | 2 | 29 | 6 | 14 | 49 | 93 |
| | 25 | | 10 | 4 | 156 | 20 | 59 | 139 | 3 | 6 | 15 | 15 | 39 | 92 |
| | 26 | | 10 | 45 | 152 | 22 | 1 | 130 | 3 | 46 | 27 | 16 | 39 | 87 |
| | 27 | | 11 | 28 | 149 | 23 | 21 | 121 | 4 | 29 | 42 | 17 | 49 | 79 |
| | 28 | 上弦 | | | | 12 | 14 | 147 | 5 | 21 | 60 | 19 | 4 | 65 |
| | 29 | | 1 | 2 | 120 | 13 | 4 | 146 | 6 | 28 | 78 | 20 | 11 | 46 |
| | 30 | | 2 | 43 | 128 | 13 | 57 | 148 | 7 | 52 | 93 | 21 | 11 | 26 |
| | 31 | | 4 | 9 | 142 | 14 | 50 | 150 | 9 | 16 | 103 | 22 | 6 | 6 |

潮位表基準面の零点: 平均海面下　111.0 (cm)