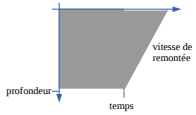
# Détermination de la pression d'air consommée en bar pour la planification de plongée.

Il est pris en compte les informations ci-dessous. Le profil est carré pour plongée, la vitesse de remonté est constante de puis la profondeur donnée.
La durée de 0minutes correspond à la consomation de la remontée uniquement.
Ce document est une aide pour la planification de plongée. Il ne remplace pas la planification en question.

| | | | |
|---|---|---|---|
| Consomation d'air [litres/minute] | 20 | Volume du bloc [litres] | 18 |
| Vitesse de remonté [mètres/minute] | 10 | Pression initiale du bloc [bars] | 220 |
| Pression de reserve [bars] | 50 | | |




Profondeurs de plongée [m] / temps de plongée [minutes]

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 0 | 2 | 3 | 5 | 6 | 8 | 9 | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 21 | 22 | 23 | 25 | 26 | 28 | 29 | 31 | 32 | 34 | 35 | 36 | 38 | 39 | 41 | 42 | 44 | 45 | 47 | 48 | 49 | 51 | 52 | 54 | 55 | 57 | 58 | 60 | 61 | 62 | 64 | 65 | 67 | 68 | 70 | 71 | 73 | 74 | 75 | 77 | 78 | 80 | 81 | 83 | 84 | 86 | 87 |
| 4 | 1 | 2 | 4 | 5 | 7 | 8 | 10 | 11 | 13 | 15 | 16 | 18 | 19 | 21 | 22 | 24 | 25 | 27 | 29 | 30 | 32 | 33 | 35 | 36 | 38 | 39 | 41 | 43 | 44 | 46 | 47 | 49 | 50 | 52 | 53 | 55 | 57 | 58 | 60 | 61 | 63 | 64 | 66 | 67 | 69 | 71 | 72 | 74 | 75 | 77 | 78 | 80 | 81 | 83 | 85 | 86 | 88 | 89 | 91 | 92 | 94 |
| 5 | 1 | 2 | 4 | 6 | 7 | 9 | 11 | 12 | 14 | 16 | 17 | 19 | 21 | 22 | 24 | 26 | 27 | 29 | 31 | 32 | 34 | 36 | 37 | 39 | 41 | 42 | 44 | 46 | 47 | 49 | 51 | 52 | 54 | 56 | 57 | 59 | 61 | 62 | 64 | 66 | 67 | 69 | 71 | 72 | 74 | 76 | 77 | 79 | 81 | 82 | 84 | 86 | 87 | 89 | 91 | 92 | 94 | 96 | 97 | 99 | 101 |
| 6 | 1 | 3 | 4 | 6 | 8 | 10 | 12 | 13 | 15 | 17 | 19 | 20 | 22 | 24 | 26 | 28 | 29 | 31 | 33 | 35 | 36 | 38 | 40 | 42 | 44 | 45 | 47 | 49 | 51 | 52 | 54 | 56 | 58 | 60 | 61 | 63 | 65 | 67 | 68 | 70 | 72 | 74 | 76 | 77 | 79 | 81 | 83 | 84 | 86 | 88 | 90 | 92 | 93 | 95 | 97 | 99 | 100 | 102 | 104 | 106 | 108 |
| 7 | 1 | 3 | 5 | 7 | 9 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 61 | 63 | 65 | 67 | 69 | 71 | 73 | 75 | 77 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 95 | 97 | 99 | 101 | 103 | 105 | 107 | 109 | 111 | 112 | 114 |
| 8 | 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 73 | 75 | 77 | 79 | 81 | 83 | 85 | 87 | 89 | 91 | 93 | 95 | 97 | 99 | 101 | 103 | 105 | 107 | 109 | 111 | 113 | 115 | 117 | 119 | 121 |
| 9 | 1 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 23 | 25 | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 61 | 63 | 65 | 67 | 69 | 71 | 73 | 75 | 77 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 99 | 101 | 103 | 105 | 107 | 109 | 111 | 113 | 115 | 118 | 120 | 122 | 124 | 126 | 128 |
| 10 | 2 | 4 | 6 | 8 | 11 | 13 | 15 | 17 | 19 | 22 | 24 | 26 | 28 | 31 | 33 | 35 | 37 | 39 | 42 | 44 | 46 | 48 | 51 | 53 | 55 | 57 | 59 | 62 | 64 | 66 | 68 | 71 | 73 | 75 | 77 | 79 | 82 | 84 | 86 | 88 | 91 | 93 | 95 | 97 | 99 | 102 | 104 | 106 | 108 | 111 | 113 | 115 | 117 | 119 | 122 | 124 | 126 | 128 | 131 | 133 | 135 |
| 11 | 2 | 4 | 7 | 9 | 11 | 14 | 16 | 18 | 21 | 23 | 25 | 28 | 30 | 32 | 35 | 37 | 39 | 42 | 44 | 46 | 49 | 51 | 53 | 56 | 58 | 60 | 63 | 65 | 67 | 70 | 72 | 74 | 77 | 79 | 81 | 84 | 86 | 88 | 91 | 93 | 95 | 98 | 100 | 102 | 105 | 107 | 109 | 112 | 114 | 116 | 119 | 121 | 123 | 126 | 128 | 130 | 133 | 135 | 137 | 140 | 142 |
| 12 | 2 | 5 | 7 | 9 | 12 | 14 | 17 | 19 | 22 | 24 | 27 | 29 | 31 | 34 | 36 | 39 | 41 | 44 | 46 | 49 | 51 | 53 | 56 | 58 | 61 | 63 | 66 | 68 | 71 | 73 | 75 | 78 | 80 | 83 | 85 | 88 | 90 | 93 | 95 | 97 | 100 | 102 | 105 | 107 | 110 | 112 | 115 | 117 | 119 | 122 | 124 | 127 | 129 | 132 | 134 | 137 | 139 | 141 | 144 | 146 | 149 |
| 13 | 2 | 5 | 7 | 10 | 13 | 15 | 18 | 20 | 23 | 25 | 28 | 30 | 33 | 36 | 38 | 41 | 43 | 46 | 48 | 51 | 53 | 56 | 59 | 61 | 64 | 66 | 69 | 71 | 74 | 76 | 79 | 82 | 84 | 87 | 89 | 92 | 94 | 97 | 99 | 102 | 105 | 107 | 110 | 112 | 115 | 117 | 120 | 122 | 125 | 128 | 130 | 133 | 135 | 138 | 140 | 143 | 145 | 148 | 151 | 153 | 156 |
| 14 | 3 | 5 | 8 | 11 | 13 | 16 | 19 | 21 | 24 | 27 | 29 | 32 | 35 | 37 | 40 | 43 | 45 | 48 | 51 | 53 | 56 | 59 | 61 | 64 | 67 | 69 | 72 | 75 | 77 | 80 | 83 | 85 | 88 | 91 | 93 | 96 | 99 | 101 | 104 | 107 | 109 | 112 | 115 | 117 | 120 | 123 | 125 | 128 | 131 | 133 | 136 | 139 | 141 | 144 | 147 | 149 | 152 | 155 | 157 | 160 | 163 |
| 15 | 3 | 6 | 8 | 11 | 14 | 17 | 20 | 22 | 25 | 28 | 31 | 33 | 36 | 39 | 42 | 45 | 47 | 50 | 53 | 56 | 58 | 61 | 64 | 67 | 70 | 72 | 75 | 78 | 81 | 83 | 86 | 89 | 92 | 95 | 97 | 100 | 103 | 106 | 108 | 111 | 114 | 117 | 120 | 122 | 125 | 128 | 131 | 133 | 136 | 139 | 142 | 145 | 147 | 150 | 153 | 156 | 158 | 161 | 164 | 167 | 170 |
| 16 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 23 | 26 | 29 | 32 | 35 | 38 | 41 | 44 | 47 | 49 | 52 | 55 | 58 | 61 | 64 | 67 | 70 | 73 | 75 | 78 | 81 | 84 | 87 | 90 | 93 | 96 | 99 | 101 | 104 | 107 | 110 | 113 | 116 | 119 | 122 | 125 | 127 | 130 | 133 | 136 | 139 | 142 | 145 | 148 | 151 | 153 | 156 | 159 | 162 | 165 | 168 | 171 | 174 | 177 |
| 17 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 57 | 60 | 63 | 66 | 69 | 72 | 75 | 78 | 81 | 84 | 87 | 90 | 93 | 96 | 99 | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | 168 | 171 | 174 | 177 | 180 | 183 |
| 18 | 4 | 7 | 10 | 13 | 16 | 19 | 22 | 26 | 29 | 32 | 35 | 38 | 41 | 44 | 47 | 50 | 54 | 57 | 60 | 63 | 66 | 69 | 72 | 75 | 78 | 82 | 85 | 88 | 91 | 94 | 97 | 100 | 103 | 106 | 110 | 113 | 116 | 119 | 122 | 125 | 128 | 131 | 134 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 166 | 169 | 172 | 175 | 178 | 181 | 184 | 187 | 190 |
| 19 | 4 | 7 | 11 | 14 | 17 | 20 | 23 | 27 | 30 | 33 | 36 | 40 | 43 | 46 | 49 | 52 | 56 | 59 | 62 | 65 | 69 | 72 | 75 | 78 | 81 | 85 | 88 | 91 | 94 | 98 | 101 | 104 | 107 | 110 | 114 | 117 | 120 | 123 | 127 | 130 | 133 | 136 | 139 | 143 | 146 | 149 | 152 | 156 | 159 | 162 | 165 | 168 | 172 | 175 | 178 | 181 | 185 | 188 | 191 | 194 | 197 |
| 20 | 4 | 8 | 11 | 14 | 18 | 21 | 24 | 28 | 31 | 34 | 38 | 41 | 44 | 48 | 51 | 54 | 58 | 61 | 64 | 68 | 71 | 74 | 78 | 81 | 84 | 88 | 91 | 94 | 98 | 101 | 104 | 108 | 111 | 114 | 118 | 121 | 124 | 128 | 131 | 134 | 138 | 141 | 144 | 148 | 151 | 154 | 158 | 161 | 164 | 168 | 171 | 174 | 178 | 181 | 184 | 188 | 191 | 194 | 198 | 201 | 204 |
| 21 | 5 | 8 | 12 | 15 | 19 | 22 | 25 | 29 | 32 | 36 | 39 | 43 | 46 | 50 | 53 | 56 | 60 | 63 | 67 | 70 | 74 | 77 | 81 | 84 | 87 | 91 | 94 | 98 | 101 | 105 | 108 | 112 | 115 | 118 | 122 | 125 | 129 | 132 | 136 | 139 | 143 | 146 | 149 | 153 | 156 | 160 | 163 | 167 | 170 | 174 | 177 | 180 | 184 | 187 | 191 | 194 | 198 | 201 | 205 | 208 | 211 |
| 22 | 5 | 9 | 12 | 16 | 19 | 23 | 26 | 30 | 34 | 37 | 41 | 44 | 48 | 51 | 55 | 58 | 62 | 66 | 69 | 73 | 76 | 80 | 83 | 87 | 90 | 94 | 98 | 101 | 105 | 108 | 112 | 115 | 119 | 122 | 126 | 130 | 133 | 137 | 140 | 144 | 147 | 151 | 154 | 158 | 162 | 165 | 169 | 172 | 176 | 179 | 183 | 186 | 190 | 194 | 197 | 201 | 204 | 208 | 211 | 215 | 218 |
| 23 | 5 | 9 | 13 | 16 | 20 | 24 | 27 | 31 | 35 | 38 | 42 | 46 | 49 | 53 | 57 | 60 | 64 | 68 | 71 | 75 | 79 | 82 | 86 | 90 | 93 | 97 | 101 | 104 | 108 | 112 | 115 | 119 | 123 | 126 | 130 | 134 | 137 | 141 | 145 | 148 | 152 | 156 | 159 | 163 | 167 | 170 | 174 | 178 | 181 | 185 | 189 | 192 | 196 | 200 | 203 | 207 | 211 | 214 | 218 | | |
| 24 | 6 | 10 | 13 | 17 | 21 | 25 | 29 | 32 | 36 | 40 | 44 | 47 | 51 | 55 | 59 | 63 | 66 | 70 | 74 | 78 | 81 | 85 | 89 | 93 | 97 | 100 | 104 | 108 | 112 | 115 | 119 | 123 | 127 | 131 | 134 | 138 | 142 | 146 | 149 | 153 | 157 | 161 | 165 | 168 | 172 | 176 | 180 | 183 | 187 | 191 | 195 | 199 | 202 | 206 | 210 | 214 | 217 | | | | |
| 25 | 6 | 10 | 14 | 18 | 22 | 26 | 30 | 33 | 37 | 41 | 45 | 49 | 53 | 57 | 61 | 65 | 68 | 72 | 76 | 80 | 84 | 88 | 92 | 96 | 100 | 103 | 107 | 111 | 115 | 119 | 123 | 127 | 131 | 135 | 138 | 142 | 146 | 150 | 154 | 158 | 162 | 166 | 170 | 173 | 177 | 181 | 185 | 189 | 193 | 197 | 201 | 205 | 208 | 212 | 216 | | | | | | |
| 26 | 7 | 11 | 15 | 19 | 23 | 27 | 31 | 35 | 39 | 43 | 47 | 51 | 55 | 59 | 63 | 67 | 71 | 75 | 79 | 83 | 87 | 91 | 95 | 99 | 103 | 107 | 111 | 115 | 119 | 123 | 127 | 131 | 135 | 139 | 143 | 147 | 151 | 155 | 159 | 163 | 167 | 171 | 175 | 179 | 183 | 187 | 191 | 195 | 199 | 203 | 207 | 211 | 215 | 219 | | | | | | |
| 27 | 7 | 11 | 15 | 19 | 23 | 28 | 32 | 36 | 40 | 44 | 48 | 52 | 56 | 60 | 65 | 69 | 73 | 77 | 81 | 85 | 89 | 93 | 97 | 102 | 106 | 110 | 114 | 118 | 122 | 126 | 130 | 134 | 139 | 143 | 147 | 151 | 155 | 159 | 163 | 167 | 171 | 176 | 180 | 184 | 188 | 192 | 196 | 200 | 204 | 208 | 213 | 217 | | | | | | | | |
| 28 | 7 | 12 | 16 | 20 | 24 | 29 | 33 | 37 | 41 | 45 | 50 | 54 | 58 | 62 | 67 | 71 | 75 | 79 | 83 | 88 | 92 | 96 | 100 | 105 | 109 | 113 | 117 | 121 | 126 | 130 | 134 | 138 | 143 | 147 | 151 | 155 | 159 | 164 | 168 | 172 | 176 | 181 | 185 | 189 | 193 | 197 | 202 | 206 | 210 | 214 | 219 | | | | | | | | | |
| 29 | 8 | 12 | 17 | 21 | 25 | 30 | 34 | 38 | 43 | 47 | 51 | 56 | 60 | 64 | 69 | 73 | 77 | 82 | 86 | 90 | 95 | 99 | 103 | 108 | 112 | 116 | 121 | 125 | 129 | 134 | 138 | 142 | 147 | 151 | 155 | 160 | 164 | 168 | 173 | 177 | 181 | 186 | 190 | 194 | 199 | 203 | 207 | 212 | 216 | | | | | | | | | | | | |
| 30 | 8 | 13 | 17 | 22 | 26 | 31 | 35 | 39 | 44 | 48 | 53 | 57 | 62 | 66 | 71 | 75 | 79 | 84 | 88 | 93 | 97 | 102 | 106 | 111 | 115 | 119 | 124 | 128 | 133 | 137 | 142 | 146 | 151 | 155 | 159 | 164 | 168 | 173 | 177 | 182 | 186 | 191 | 195 | 199 | 204 | 208 | 213 | 217 | | | | | | | | | | | | | | |
| 31 | 9 | 13 | 18 | 22 | 27 | 32 | 36 | 41 | 45 | 50 | 54 | 59 | 63 | 68 | 73 | 77 | 82 | 86 | 91 | 95 | 100 | 104 | 109 | 114 | 118 | 123 | 127 | 132 | 136 | 141 | 145 | 150 | 155 | 159 | 164 | 168 | 173 | 177 | 182 | 186 | 191 | 196 | 200 | 205 | 209 | 214 | 218 | | | | | | | | | | | | | | | |
| 32 | 9 | 14 | 19 | 23 | 28 | 33 | 37 | 42 | 47 | 51 | 56 | 61 | 65 | 70 | 75 | 79 | 84 | 89 | 93 | 98 | 103 | 107 | 112 | 117 | 121 | 126 | 131 | 135 | 140 | 145 | 149 | 154 | 159 | 163 | 168 | 173 | 177 | 182 | 187 | 191 | 196 | 201 | 205 | 210 | 215 | 219 | | | | | | | | | | | | | | | | |
| 33 | 10 | 14 | 19 | 24 | 29 | 34 | 38 | 43 | 48 | 53 | 57 | 62 | 67 | 72 | 77 | 81 | 86 | 91 | 96 | 100 | 105 | 110 | 115 | 120 | 124 | 129 | 134 | 139 | 143 | 148 | 153 | 158 | 163 | 167 | 172 | 177 | 182 | 186 | 191 | 196 | 201 | 206 | 210 | 215 | 220 | | | | | | | | | | | | | | | | | |
| 34 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 44 | 49 | 54 | 59 | 64 | 69 | 74 | 79 | 84 | 88 | 93 | 98 | 103 | 108 | 113 | 118 | 123 | 128 | 132 | 137 | 142 | 147 | 152 | 157 | 162 | 167 | 172 | 176 | 181 | 186 | 191 | 196 | 201 | 206 | 211 | 216 | | | | | | | | | | | | | | | | | | |
| 35 | 11 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | 81 | 86 | 91 | 96 | 101 | 106 | 111 | 116 | 121 | 126 | 131 | 136 | 141 | 146 | 151 | 156 | 161 | 166 | 171 | 176 | 181 | 186 | 191 | 196 | 201 | 206 | 211 | 216 | | | | | | | | | | | | | | | | | | | |
| 36 | 11 | 16 | 21 | 27 | 32 | 37 | 42 | 47 | 52 | 57 | 62 | 67 | 73 | 78 | 83 | 88 | 93 | 98 | 103 | 108 | 113 | 119 | 124 | 129 | 134 | 139 | 144 | 149 | 154 | 159 | 165 | 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 211 | 216 | | | | | | | | | | | | | | | | | | | | |
| 37 | 12 | 17 | 22 | 27 | 33 | 38 | 43 | 48 | 53 | 59 | 64 | 69 | 74 | 80 | 85 | 90 | 95 | 100 | 106 | 111 | 116 | 121 | 127 | 132 | 137 | 142 | 147 | 153 | 158 | 163 | 168 | 174 | 179 | 184 | 189 | 194 | 200 | 205 | 210 | 215 | | | | | | | | | | | | | | | | | | | | | |
| 38 | 12 | 18 | 23 | 28 | 34 | 39 | 44 | 50 | 55 | 60 | 66 | 71 | 76 | 82 | 87 | 92 | 98 | 103 | 108 | 114 | 119 | 124 | 130 | 135 | 140 | 146 | 151 | 156 | 162 | 167 | 172 | 178 | 183 | 188 | 194 | 199 | 204 | 210 | 215 | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 13 | 18 | 24 | 29 | 35 | 40 | 45 | 51 | 56 | 62 | 67 | 73 | 78 | 84 | 89 | 94 | 100 | 105 | 111 | 116 | 122 | 127 | 133 | 138 | 143 | 149 | 154 | 160 | 165 | 171 | 176 | 182 | 187 | 192 | 198 | 203 | 209 | 214 | 220 | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 13 | 19 | 24 | 30 | 36 | 41 | 47 | 52 | 58 | 63 | 69 | 74 | 80 | 86 | 91 | 97 | 102 | 108 | 113 | 119 | 124 | 130 | 136 | 141 | 147 | 152 | 158 | 163 | 169 | 174 | 180 | 186 | 191 | 197 | 202 | 208 | 213 | 219 | | | | | | | | | | | | | | | | | | | | | | | | |

Moënne B.