## DELAWARE RIVER BASIN

## 01460200 DELAWARE RIVER BELOW TOHICKON CREEK AT POINT PLEASANT, PA

LOCATION.--Lat $40^{\circ} 25^{\prime} 06^{\prime \prime}$, long $75^{\circ} 03^{\prime} 42^{\prime \prime}$, Bucks County, Hydrologic Unit 02040105 , on right bank at Forest Park Water Company pump station, 0.2 mi downstream from Tohickon Creek and 0.4 mi southeast of Point Pleasant.

DRAINAGE AREA.--6,570 $\mathrm{mi}^{2}$.
PERIOD OF RECORD.--May 2000 to current year.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 2000 to current year.
pH : May 2000 to current year.
WATER TEMPERATURE: May 2000 to current year.
DISSOLVED OXYGEN: May 2000 to current year.
INSTRUMENTATION.--Probes interfaced with a data collection platform with 30-minute recording interval. Satellite and landline telemetry at station.
REMARKS.--Specific conductance and pH records rated good except for period Oct. 30 to Apr. 27, which is poor. Dissolved oxygen record rated fair except for period Apr. 23 to May 8, which is poor. Water temperature record rated good. Other interruptions in the record due to intermittent pumping. (See Distributary from Bradshaw Reservoir, station 01472618).

## EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 298 microsiemens, Dec. 12, 2002; minimum recorded, 77 microsiemens, Sept. 5, 6, 2003.
pH: Maximum recorded, 9.6, Apr. 25, 30, May 3, 2003; minimum recorded, 6.9, Oct. 18, 2002, Jan. 7, 2003.
WATER TEMPERATURE: Maximum, $32.5^{\circ} \mathrm{C}$, Aug. 9, 2001; minimum, $2.0^{\circ} \mathrm{C}$, Jan. 19-21, 2002.
DISSOLVED OXYGEN: Maximum, $15.5 \mathrm{mg} / \mathrm{L}$, Nov. 25, 2000; minimum, $6.1 \mathrm{mg} / \mathrm{L}$, Aug. 11, 2001.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 298 microsiemens, Dec. 12; minimum recorded, 77 microsiemens, Sept. 5, 6. $\mathrm{pH}:$ Maximum recorded, 9.6, Apr. 25, 30, May 3; minimum recorded, 6.9, Oct. 18, Jan. 7

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT $25^{\circ}$ CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 174 | 168 | 171 | 168 | 158 | 161 | 158 | 147 | 149 | 171 | 167 | 169 |
| 2 | 191 | 174 | 184 | 175 | 163 | 169 | 158 | 146 | 149 | 175 | 168 | 170 |
| 3 | 213 | 191 | 199 | 174 | 165 | 168 | 153 | 147 | 149 | 169 | 146 | 157 |
| 4 | 218 | 213 | 216 | 169 | 166 | 167 | 153 | 149 | 151 | 170 | 146 | 161 |
| 5 | 227 | 218 | 224 | 169 | 166 | 168 | 160 | 149 | 155 | 173 | 162 | 168 |
| 6 | 231 | 222 | 225 | 181 | 168 | 176 | 170 | 156 | 165 | 166 | 160 | 162 |
| 7 | 236 | 214 | 227 | 189 | 180 | 182 | 177 | 166 | 173 | 182 | 162 | 170 |
| 8 | 214 | 195 | 202 | 183 | 167 | 179 | 186 | 172 | 178 | 174 | 168 | 171 |
| 9 | 203 | 196 | 198 | 170 | 164 | 166 | 187 | 179 | 183 | 179 | 169 | 174 |
| 10 | 208 | 203 | 206 | 165 | 162 | 164 | 191 | 182 | 186 | 190 | 175 | 178 |
| 11 | 207 | 206 | 207 | 168 | 163 | 164 | 198 | 183 | 190 | 187 | 178 | 181 |
| 12 | 226 | 171 | 199 | 168 | 164 | 166 | 298 | 194 | 206 | 186 | 179 | 182 |
| 13 | 171 | 142 | 154 | 182 | 166 | 174 | 270 | 228 | 243 | 190 | 180 | 182 |
| 14 | 142 | 134 | 136 | 178 | 161 | 170 | 232 | 190 | 218 | 190 | 184 | 186 |
| 15 | 141 | 133 | 135 | 163 | 144 | 150 | 195 | 167 | 181 | 191 | 186 | 188 |
| 16 | 142 | 139 | 140 | 145 | 141 | 143 | 171 | 161 | 164 | 204 | 188 | 195 |
| 17 | 158 | 130 | 145 | 147 | 141 | 143 | 162 | 154 | 158 | 205 | 199 | 201 |
| 18 | 130 | 102 | 112 | 147 | 131 | 143 | 158 | 152 | 155 | 215 | 200 | 207 |
| 19 | 106 | 102 | 103 | 131 | 116 | 124 | 165 | 156 | 159 | 226 | 211 | 217 |
| 20 | 118 | 106 | 112 | 119 | 115 | 116 | 166 | 156 | 164 | 221 | 212 | 218 |
| 21 | 125 | 118 | 122 | 121 | 114 | 116 | 175 | 161 | 168 | --- | --- | --- |
| 22 | 135 | 123 | 127 | 128 | 120 | 124 | 169 | 141 | 155 | --- | --- | --- |
| 23 | 143 | 133 | 136 | 135 | 127 | 131 | 149 | 138 | 140 | --- | --- | --- |
| 24 | 148 | 140 | 144 | 131 | 123 | 127 | 144 | 139 | 143 | --- | --- | --- |
| 25 | 157 | 148 | 153 | 124 | 121 | 122 | 142 | 137 | 140 | --- | --- | --- |
| 26 | 170 | 156 | 161 | 127 | 123 | 125 | 178 | 141 | 168 | --- | --- | --- |
| 27 | 171 | 160 | 165 | 135 | 126 | 128 | 175 | 167 | 170 | --- | --- | --- |
| 28 | 166 | 144 | 150 | 143 | 135 | 140 | 172 | 162 | 165 | 205 | 197 | 201 |
| 29 | 148 | 142 | 144 | 145 | 141 | 142 | 165 | 159 | 161 | 209 | 200 | 204 |
| 30 | 154 | 148 | 151 | 157 | 142 | 144 | 164 | 160 | 162 | 222 | 201 | 214 |
| 31 | 163 | 152 | 156 | --- | --- | --- | 168 | 159 | 161 | 216 | 207 | 212 |
| MONTH | 236 | 102 | 165 | 189 | 114 | 150 | 298 | 137 | 168 | 226 | 146 | 186 |

## DELAWARE RIVER BASIN

01460200 DELAWARE RIVER BELOW TOHICKON CREEK AT POINT PLEASANT, PA

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT $25^{\circ}$ CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 215 | 201 | 205 | 200 | 183 | 191 | 126 | 116 | 117 | 165 | 158 | 163 |
| 2 | 203 | 198 | 201 | 188 | 179 | 183 | 125 | 117 | 121 | 168 | 162 | 165 |
| 3 | 206 | 199 | 202 | 214 | 179 | 196 | 142 | 123 | 128 | 172 | 164 | 169 |
| 4 | 203 | 196 | 199 | 211 | 199 | 204 | 131 | 128 | 130 | 170 | 146 | 159 |
| 5 | 211 | 198 | 203 | 202 | 192 | 197 | 135 | 130 | 132 | 146 | 137 | 141 |
| 6 | 219 | 203 | 210 | 201 | 192 | 197 | 143 | 134 | 135 | 143 | 140 | 142 |
| 7 | 206 | 196 | 202 | 230 | 199 | 219 | 135 | 131 | 133 | 148 | 141 | 145 |
| 8 | 200 | 188 | 195 | 230 | 214 | 221 | 150 | 131 | 139 | 159 | 147 | 151 |
| 9 | 205 | 191 | 197 | 227 | 214 | 220 | 156 | 147 | 150 | 167 | 159 | 165 |
| 10 | 207 | 196 | 201 | 221 | 214 | 216 | 157 | 151 | 155 | 172 | 167 | 170 |
| 11 | 213 | 200 | 209 | 216 | 207 | 213 | 158 | 154 | 156 | 177 | 171 | 174 |
| 12 | 209 | 202 | 205 | 213 | 205 | 208 | 160 | 155 | 158 | 187 | 176 | 180 |
| 13 | 213 | 201 | 208 | 213 | 208 | 211 | 161 | 149 | 154 | 191 | 177 | 187 |
| 14 | 216 | 207 | 211 | 216 | 207 | 212 | - | - | - | 192 | 175 | 184 |
| 15 | 220 | 210 | 216 | 230 | 211 | 216 | --- | --- | --- | 179 | 176 | 177 |
| 16 | 217 | 210 | 214 | 211 | 204 | 208 | --- | --- | --- | 179 | 176 | 178 |
| 17 | 217 | 208 | 213 | 206 | 199 | 202 | --- | --- | --- | 181 | 176 | 179 |
| 18 | 222 | 206 | 210 | 201 | 182 | 191 | 164 | 160 | 162 | 188 | 178 | 183 |
| 19 | 232 | 222 | 229 | 185 | 129 | 154 | 172 | 162 | 164 | 191 | 179 | 187 |
| 20 | 228 | 208 | 218 | 129 | 112 | 120 | 169 | 163 | 167 | 185 | 179 | 182 |
| 21 | 222 | 204 | 212 | 119 | 111 | 113 | 176 | 168 | 173 | 190 | 183 | 186 |
| 22 | 209 | 198 | 205 | 118 | 101 | 111 | 180 | 174 | 176 | 195 | 190 | 193 |
| 23 | --- | --- | --- | 104 | 97 | 100 | 184 | 178 | 181 | 198 | 195 | 196 |
| 24 | -- | 213 | --- | 99 | 96 | 97 | 184 | 176 | 181 | 198 | 196 | 198 |
| 25 | 215 | 198 | 207 | 107 | 99 | 103 | 185 | 176 | 179 | 203 | 198 | 201 |
| 26 | 203 | 186 | 194 | 114 | 106 | 111 | 185 | 177 | 182 | 203 | 184 | 197 |
| 27 | 199 | 187 | 189 | 118 | 112 | 116 | 193 | 185 | 189 | 200 | 183 | 190 |
| 28 | 194 | 186 | 189 | 119 | 115 | 115 | 191 | 171 | 185 | 183 | 165 | 172 |
| 29 | --- | --- | --- | 122 | 115 | 119 | 171 | 158 | 162 | 171 | 165 | 169 |
| 30 | --- | --- | --- | 130 | 121 | 127 | 164 | 157 | 161 | 176 | 161 | 164 |
| 31 | --- | --- | --- | 124 | 116 | 120 | --- | --- | --- | 174 | 167 | 169 |
| MONTH | 232 | 186 | 206 | 230 | 96 | 168 | 193 | 116 | 157 | 203 | 137 | 175 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 182 | 164 | 176 | 179 | 173 | 176 | 223 | 208 | 219 | 238 | 226 | 234 |
| 2 | 164 | 119 | 134 | 192 | 179 | 185 | 227 | 220 | 223 | 231 | 221 | 226 |
| 3 | 120 | 108 | 113 | 197 | 191 | 192 | 232 | 223 | 228 | 234 | 118 | 199 |
| 4 | 110 | 108 | 110 | 203 | 193 | 196 | 226 | 202 | 217 | 118 | 102 | 105 |
| 5 | 125 | 109 | 119 | 206 | 200 | 204 | 216 | 181 | 194 | 104 | 77 | 90 |
| 6 | 131 | 118 | 125 | 211 | 203 | 208 | 187 | 156 | 168 | 88 | 77 | 83 |
| 7 | 132 | 128 | 129 | 215 | 205 | 211 | 162 | 145 | 158 | 102 | 88 | 96 |
| 8 | 150 | 128 | 140 | 219 | 209 | 215 | 155 | 145 | 150 | 117 | 102 | 109 |
| 9 | 147 | 142 | 145 | 225 | 212 | 219 | 160 | 149 | 155 | 126 | 117 | 122 |
| 10 | 155 | 145 | 149 | 228 | 222 | 226 | 170 | 153 | 162 | 142 | 126 | 133 |
| 11 | 151 | 145 | 147 | 232 | 223 | 227 | 173 | 159 | 164 | 151 | 141 | 146 |
| 12 | 162 | 149 | 155 | 232 | 227 | 230 | 172 | 144 | 163 | 156 | 147 | 151 |
| 13 | 167 | 146 | 159 | 235 | 220 | 230 | 170 | 139 | 150 | 163 | 155 | 157 |
| 14 | 153 | 145 | 147 | 220 | 208 | 213 | 148 | 138 | 143 | 178 | 163 | 170 |
| 15 | 153 | 137 | 148 | 226 | 213 | 220 | 154 | 148 | 152 | 197 | 178 | 185 |
| 16 | 139 | 135 | 137 | 236 | 226 | 232 | 167 | 154 | 159 | 196 | 156 | 174 |
| 17 | 141 | 135 | 138 | 239 | 233 | 236 | 173 | 163 | 168 | 158 | 124 | 139 |
| 18 | 153 | 141 | 146 | 245 | 237 | 242 | 177 | 168 | 172 | 129 | 120 | 123 |
| 19 | 157 | 151 | 154 | 250 | 241 | 246 | 181 | 177 | 179 | 140 | 120 | 129 |
| 20 | 161 | 151 | 157 | 250 | 243 | 248 | 188 | 181 | 185 | 151 | 137 | 144 |
| 21 | 161 | 142 | 156 | 251 | 240 | 244 | 196 | 188 | 192 | 152 | 143 | 147 |
| 22 | 146 | 125 | 138 | 258 | 215 | 239 | 204 | 196 | 200 | 157 | 149 | 153 |
| 23 | 127 | 121 | 124 | 222 | 181 | 206 | 209 | 204 | 207 | 164 | 140 | 154 |
| 24 | 129 | 123 | 124 | 227 | 210 | 222 | 213 | 208 | 210 | 140 | 111 | 123 |
| 25 | 134 | 123 | 129 | 216 | 197 | 204 | 222 | 210 | 216 | 111 | 104 | 106 |
| 26 | 139 | 132 | 136 | 204 | 197 | 199 | 232 | 222 | 226 | 114 | 106 | 110 |
| 27 | 142 | 138 | 140 | 226 | 198 | 208 | 238 | 230 | 233 | 124 | 114 | 118 |
| 28 | 156 | 140 | 148 | 226 | 217 | 222 | 232 | 224 | 228 | 140 | 119 | 129 |
| 29 | 165 | 156 | 161 | 230 | 213 | 222 | 232 | 226 | 230 | 138 | 120 | 131 |
| 30 | 173 | 165 | 169 | 220 | 213 | 217 | 236 | 225 | 230 | 120 | 113 | 115 |
| 31 | --- | --- | --- | 220 | 213 | 218 | 240 | 234 | 237 | --- | --- | --- |
| MONTH | 182 | 108 | 142 | 258 | 173 | 218 | 240 | 138 | 191 | 238 | 77 | 140 |

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## DELAWARE RIVER BASIN

01460200 DELAWARE RIVER BELOW TOHICKON CREEK AT POINT PLEASANT, PA

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| DAY | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 8.5 | 7.4 | 7.6 | 7.5 | 7.3 | 7.4 | 7.4 | 7.3 | 7.3 | 7.5 | 7.4 | 7.5 |
| 2 | 8.6 | 7.3 | 7.7 | 7.5 | 7.3 | 7.5 | 7.4 | 7.3 | 7.4 | 7.5 | 7.4 | 7.5 |
| 3 | 8.6 | 7.3 | 7.8 | 7.5 | 7.3 | 7.4 | 7.5 | 7.3 | 7.4 | 7.4 | 7.1 | 7.3 |
| 4 | 7.7 | 7.4 | 7.5 | 7.6 | 7.4 | 7.5 | 7.5 | 7.3 | 7.4 | 7.2 | 7.0 | 7.1 |
| 5 | 8.4 | 7.4 | 7.7 | 7.6 | 7.4 | 7.5 | 7.5 | 7.4 | 7.4 | 7.2 | 7.1 | 7.2 |
| 6 | 8.5 | 7.4 | 7.7 | 7.6 | 7.4 | 7.4 | 7.6 | 7.3 | 7.4 | 7.2 | 7.1 | 7.2 |
| 7 | 8.5 | 7.5 | 7.8 | 7.7 | 7.4 | 7.5 | 7.6 | 7.4 | 7.5 | 7.3 | 6.9 | 7.1 |
| 8 | 8.6 | 7.5 | 7.8 | 7.6 | 7.4 | 7.5 | 7.6 | 7.4 | 7.5 | 7.1 | 7.0 | 7.0 |
| 9 | 8.4 | 7.5 | 7.7 | 7.6 | 7.4 | 7.4 | 7.7 | 7.5 | 7.5 | 7.1 | 7.0 | 7.0 |
| 10 | 8.0 | 7.5 | 7.6 | 7.6 | 7.4 | 7.4 | 7.6 | 7.5 | 7.6 | 7.1 | 7.0 | 7.1 |
| 11 | 7.6 | 7.5 | 7.5 | 7.6 | 7.3 | 7.4 | --- | --- | --- | 7.2 | 7.1 | 7.1 |
| 12 | 7.5 | 7.2 | 7.4 | 7.4 | 7.3 | 7.4 | --- | --- | --- | 7.2 | 7.1 | 7.2 |
| 13 | 7.2 | 7.1 | 7.2 | 7.5 | 7.2 | 7.3 | --- | --- | --- | 7.2 | 7.1 | 7.1 |
| 14 | 7.1 | 7.0 | 7.1 | 7.6 | 7.3 | 7.4 | --- | --- | --- | 7.2 | 7.1 | 7.2 |
| 15 | 7.2 | 7.0 | 7.1 | 7.4 | 7.2 | 7.3 | --- | --- | --- | 7.3 | 7.2 | 7.2 |
| 16 | 7.3 | 7.1 | 7.2 | 7.4 | 7.3 | 7.3 | --- | --- | --- | 7.3 | 7.2 | 7.2 |
| 17 | 7.3 | 7.1 | 7.2 | 7.3 | 7.2 | 7.3 | 7.2 | 7.1 | 7.2 | 7.3 | 7.2 | 7.2 |
| 18 | 7.2 | 6.9 | 7.0 | 7.3 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.4 | 7.2 | 7.3 |
| 19 | 7.0 | 7.0 | 7.0 | 7.2 | 7.1 | 7.2 | 7.2 | 7.1 | 7.2 | 7.3 | 7.2 | 7.3 |
| 20 | 7.1 | 7.0 | 7.0 | 7.2 | 7.0 | 7.1 | 7.3 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 |
| 21 | 7.2 | 7.1 | 7.1 | 7.2 | 7.1 | 7.1 | 7.4 | 7.2 | 7.3 | --- | --- | --- |
| 22 | 7.3 | 7.1 | 7.2 | 7.2 | 7.1 | 7.2 | 7.3 | 7.2 | 7.3 | --- | --- | --- |
| 23 | 7.3 | 7.2 | 7.2 | 7.3 | 7.2 | 7.2 | 7.3 | 7.2 | 7.2 | --- | --- | --- |
| 24 | 7.4 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.3 | 7.2 | 7.3 | --- | --- | --- |
| 25 | 7.3 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.3 | 7.2 | 7.3 | --- | --- | --- |
| 26 | 7.4 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.4 | 7.3 | 7.3 | --- | --- | --- |
| 27 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.3 | 7.5 | 7.3 | 7.4 | --- | --- | -- |
| 28 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.3 | 7.5 | 7.4 | 7.4 | 7.6 | 7.3 | 7.5 |
| 29 | 7.4 | 7.3 | 7.3 | 7.4 | 7.3 | 7.3 | 7.5 | 7.4 | 7.4 | 7.7 | 7.3 | 7.3 |
| 30 | 7.4 | 7.2 | 7.3 | 7.4 | 7.2 | 7.3 | 7.6 | 7.4 | 7.5 | 7.8 | 7.4 | 7.5 |
| 31 | 7.4 | 7.2 | 7.3 | --- | --- | --- | 7.6 | 7.4 | 7.5 | 7.7 | 7.5 | 7.6 |
| MAX | 8.6 | 7.5 | 7.8 | 7.7 | 7.4 | 7.5 | 7.7 | 7.5 | 7.6 | 7.8 | 7.5 | 7.6 |
| MIN | 7.0 | 6.9 | 7.0 | 7.2 | 7.0 | 7.1 | 7.2 | 7.1 | 7.2 | 7.1 | 6.9 | 7.0 |
| DAY | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 7.7 | 7.4 | 7.4 | 8.0 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 9.5 | 7.8 | 8.5 |
| 2 | 7.9 | 7.4 | 7.4 | 7.7 | 7.4 | 7.5 | 7.4 | 7.3 | 7.3 | 9.5 | 7.8 | 8.6 |
| 3 | 7.9 | 7.5 | 7.8 | 8.0 | 7.6 | 7.7 | 7.4 | 7.2 | 7.4 | 9.6 | 7.8 | 8.6 |
| 4 | 7.8 | 7.4 | 7.5 | 7.9 | 7.6 | 7.8 | 7.4 | 7.4 | 7.4 | 9.1 | 7.8 | 8.2 |
| 5 | 8.1 | 7.5 | 7.5 | 8.4 | 7.6 | 7.7 | 7.4 | 7.4 | 7.4 | 8.2 | 7.6 | 7.8 |
| 6 | 7.9 | 7.5 | 7.7 | 8.1 | 7.6 | 7.7 | 7.5 | 7.3 | 7.4 | 8.1 | 7.6 | 7.7 |
| 7 | 7.9 | 7.4 | 7.5 | 8.2 | 7.6 | 7.6 | 7.5 | 7.4 | 7.4 | 8.3 | 7.7 | 7.8 |
| 8 | 8.1 | 7.4 | 7.6 | 8.8 | 7.7 | 8.4 | 7.5 | 7.4 | 7.4 | 8.0 | 7.6 | 7.8 |
| 9 | 8.2 | 7.5 | 7.7 | 8.7 | 7.7 | 7.7 | 7.5 | 7.4 | 7.5 | 8.4 | 7.5 | 7.8 |
| 10 | 8.1 | 7.6 | 7.7 | 7.8 | 7.7 | 7.8 | 7.6 | 7.4 | 7.5 | 8.5 | 7.6 | 7.9 |
| 11 | 8.0 | 7.4 | 7.5 | 8.6 | 7.7 | 7.8 | 7.6 | 7.5 | 7.5 | 8.3 | 7.6 | 7.8 |
| 12 | 8.5 | 7.6 | 7.7 | 8.7 | 7.8 | 8.3 | 7.5 | 7.5 | 7.5 | 8.1 | 7.7 | 7.8 |
| 13 | 8.4 | 7.6 | 8.2 | 8.4 | 7.8 | 7.9 | 7.6 | 7.5 | 7.5 | 8.0 | 7.6 | 7.8 |
| 14 | 8.2 | 7.6 | 8.1 | 8.6 | 7.7 | 8.3 | -- |  |  | 7.8 | 7.7 | 7.8 |
| 15 | 8.5 | 7.6 | 7.7 | 8.5 | 7.7 | 7.8 | --- | --- | --- | 7.8 | 7.6 | 7.7 |
| 16 | 8.3 | 7.7 | 8.2 | 9.0 | 7.8 | 8.7 | -- | -- | -- | 7.8 | 7.7 | 7.7 |
| 17 | 8.2 | 7.6 | 8.0 | 8.9 | 7.7 | 7.8 | --- | -- | -- | 7.8 | 7.7 | 7.7 |
| 18 | 8.6 | 7.4 | 7.9 | 7.8 | 7.5 | 7.7 | 7.9 | 7.6 | 7.7 | 7.9 | 7.7 | 7.8 |
| 19 | 8.5 | 7.5 | 7.9 | 7.6 | 7.3 | 7.4 | 7.9 | 7.6 | 7.8 | 8.0 | 7.8 | 7.9 |
| 20 | 8.5 | 7.5 | 7.9 | 7.3 | 7.1 | 7.2 | 7.9 | 7.6 | 7.8 | 8.2 | 7.9 | 8.0 |
| 21 | 8.6 | 7.4 | 7.8 | 7.2 | 7.1 | 7.1 | 8.5 | 7.7 | 7.8 | 7.9 | 7.7 | 7.8 |
| 22 | --- | --- | --- | 7.2 | 7.1 | 7.1 | 8.4 | 7.8 | 8.1 | 8.0 | 7.7 | 7.8 |
| 23 | --- | --- | --- | 7.1 | 7.0 | 7.0 | 9.0 | 7.7 | 7.8 | 8.0 | 7.8 | 7.8 |
| 24 | - | --- | --- | 7.2 | 7.0 | 7.2 | 9.3 | 8.0 | 8.1 | 8.0 | 7.8 | 7.8 |
| 25 | 7.4 | 7.1 | 7.2 | 7.3 | 7.2 | 7.2 | 9.6 | 8.3 | 9.2 | 7.9 | 7.8 | 7.8 |
| 26 | 7.4 | 7.1 | 7.3 | 7.4 | 7.2 | 7.3 | 9.5 | 8.0 | 8.4 | 7.8 | 7.6 | 7.6 |
| 27 | 7.6 | 7.2 | 7.2 | 7.3 | 7.2 | 7.3 | 9.5 | 7.8 | 8.8 | 7.8 | 7.6 | 7.7 |
| 28 | 8.0 | 7.3 | 7.6 | 7.3 | 7.2 | 7.3 | 9.5 | 7.9 | 8.8 | 7.7 | 7.5 | 7.6 |
| 29 | --- | - | - | 7.4 | 7.2 | 7.3 | 9.4 | 7.9 | 8.6 | 7.6 | 7.5 | 7.6 |
| 30 | --- | --- | --- | 7.4 | 7.3 | 7.4 | 9.6 | 7.8 | 8.8 | 7.6 | 7.4 | 7.5 |
| 31 | --- | -- | --- | 7.4 | 7.3 | 7.3 | --- | --- | --- | 7.7 | 7.6 | 7.6 |
| MAX | 8.6 | 7.7 | 8.2 | 9.0 | 7.8 | 8.7 | 9.6 | 8.3 | 9.2 | 9.6 | 7.9 | 8.6 |
| MIN | 7.4 | 7.1 | 7.2 | 7.1 | 7.0 | 7.0 | 7.4 | 7.2 | 7.3 | 7.6 | 7.4 | 7.5 |

## DELAWARE RIVER BASIN

01460200 DELAWARE RIVER BELOW TOHICKON CREEK AT POINT PLEASANT, PA

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003


WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003


## DELAWARE RIVER BASIN

## 01460200 DELAWARE RIVER BELOW TOHICKON CREEK AT POINT PLEASANT, PA

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.5 | 15.0 | 16.0 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18.5 | 16.5 | 17.0 |
| 3 | --- |  | --- |  | --- | --- | --- | --- | --- | 19.0 | 16.5 | 17.5 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.5 | 16.5 | 17.0 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.5 | 14.5 | 15.5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14.5 | 14.0 | 14.0 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.0 | 13.5 | 14.5 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.5 | 15.0 | 15.0 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.5 | 15.0 | 15.0 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.0 | 15.0 | 15.5 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.0 | 15.5 | 16.0 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.5 | 15.5 | 16.0 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.0 | 15.0 | 15.5 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.5 | 14.5 | 15.0 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.0 | 14.0 | 14.5 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.0 | 14.0 | 14.5 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.5 | 14.0 | 14.5 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.5 | 14.0 | 15.0 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18.0 | 14.0 | 16.0 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 19.5 | 15.5 | 17.5 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18.0 | 17.0 | 17.5 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.5 | 16.5 | 17.0 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.5 | 15.5 | 16.0 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.0 | 15.5 | 15.5 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.5 | 15.0 | 15.5 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.0 | 14.5 | 15.0 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.5 | --- | --- |
| 28 | --- | --- | --- | --- | --- | --- | 16.0 | 13.0 | 14.5 | 16.0 | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | 16.0 | 14.5 | 15.0 | 17.5 | 15.5 | 16.5 |
| 30 | --- | --- | --- | --- | --- | --- | 17.0 | 14.5 | 15.5 | 18.5 | 16.5 | 17.5 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18.0 | 17.5 | 18.0 |
| MONTH | --- | --- | --- | --- | --- | --- | 17.0 | 13.0 | 15.0 | 19.5 | 13.5 | 15.9 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 17.5 | 16.0 | --- | 23.5 | 21.5 | 22.5 | 25.5 | 24.5 | 25.0 | 23.0 | 21.5 | 22.5 |
| 2 | 16.0 | 15.0 | --- | 24.0 | 22.0 | 23.0 | 26.5 | 24.0 | 25.0 | 21.5 | --- | 21.0 |
| 3 | --- | 15.0 | --- | 23.5 | 22.5 | 23.0 | 26.5 | 25.0 | 25.5 |  | 19.0 |  |
| 4 | --- | --- | --- | 25.0 | 22.5 | 23.5 | 26.0 | 25.0 | 25.5 | 19.0 | 18.0 | 18.5 |
| 5 | 15.0 | 14.0 | --- | 26.5 | 23.5 | 25.0 | 25.5 | 24.5 | 25.0 | 19.0 | 18.0 | 18.5 |
| 6 | 16.5 | 15.0 | 15.5 | 27.5 | 24.5 | 25.5 | 23.5 | 23.0 | 23.0 | 19.0 | 18.0 | 18.5 |
| 7 | --- | --- | --- | 27.5 | 25.0 | 26.0 | 23.0 | 23.0 | 23.0 | 20.0 | 18.5 | 19.5 |
| 8 | 16.0 | 15.5 | 15.5 | 27.5 | 25.5 | 26.5 | 24.0 | 23.0 | 23.5 | 21.0 | 19.5 | 20.0 |
| 9 | 16.5 | 15.5 | 16.0 | 27.0 | 25.5 | 26.0 | 24.0 | 22.5 | 23.5 | 21.5 | 20.0 | 20.5 |
| 10 |  | 16.5 | 17.0 | 25.5 | 23.5 | 24.5 | 24.0 | 23.0 | 23.5 | 22.0 | 20.0 | 20.5 |
| 11 | 18.5 | 17.5 | 18.0 | 24.5 | 22.5 | 23.5 | 24.5 | 23.5 | 24.0 | 22.0 | 20.0 | 21.0 |
| 12 | 19.0 | 18.0 | 18.5 | 24.5 | 22.0 | 23.5 | 24.0 | 23.5 | 24.0 | 22.5 | 20.5 | 21.0 |
| 13 | 19.0 | 18.5 | 18.5 | 25.0 | 22.0 | 23.5 | 24.5 | 23.5 | 24.0 | 21.0 | 20.5 | 20.5 |
| 14 | 19.0 | --- | --- | 25.0 | 22.5 | 23.5 | 24.5 | 23.5 | 24.0 | 22.5 | 20.5 | 21.5 |
| 15 | 19.5 | 18.5 | 19.0 | 25.5 | 22.5 | 24.0 | 25.5 | 24.0 | 24.5 | 22.0 | 21.5 | 21.5 |
| 16 | 19.5 | 18.5 | 19.0 | 25.5 | 23.5 | 24.5 | 25.0 | 24.0 | 24.5 | 22.0 | 20.5 | 21.5 |
| 17 | 19.5 | 18.5 | 19.0 | 27.0 | 23.5 | 25.0 | 25.0 | 23.5 | 24.0 | 21.0 | 20.0 | 20.5 |
| 18 | 19.0 | 18.5 | 19.0 | 25.5 | 24.0 | 24.5 | 24.5 | 23.0 | 23.5 | 20.0 | 19.5 | 20.0 |
| 19 | --- | --- | 18.5 | 26.5 | 23.5 | 24.5 | 25.0 | 23.0 | 24.0 | 20.5 | --- | --- |
| 20 | --- | --- | --- | 26.5 | 23.0 | 24.5 | 25.5 | 23.0 | 24.0 | 21.0 | --- | 20.5 |
| 21 | --- | 16.5 | --- | 26.5 | 24.0 | 25.0 | 26.0 | 23.5 | 24.5 | 21.0 | 20.0 | 20.5 |
| 22 | 16.5 | 16.0 | 16.0 | 25.0 | 23.5 | 24.0 | 27.0 | 24.5 | 25.5 | 20.5 | 20.0 | 20.0 |
| 23 | 17.0 | --- | 16.5 | 24.0 | 22.5 | 23.5 | 26.5 | 24.5 | 25.5 | 20.0 | --- | --- |
| 24 | 19.0 | 17.0 | 18.0 | 25.0 | 23.0 | 24.0 | 26.0 | 23.0 | 24.5 | 19.5 | 18.0 | 19.0 |
| 25 | 20.0 | 18.5 | 19.0 | 25.5 | 23.0 | 24.5 | 25.5 | 23.0 | 24.0 | 18.0 | 17.5 | 18.0 |
| 26 | --- | 20.0 | 20.0 | 26.0 | 23.5 | 24.5 | 25.0 | 23.0 | 24.0 | 18.0 | 18.0 | 18.0 |
| 27 | 22.0 | 21.0 | 21.5 | 27.0 | 24.5 | 25.5 | 25.5 | 23.5 | 24.5 | 19.0 | 18.0 | 18.5 |
| 28 | 23.0 | --- | 22.5 | 26.5 | 25.0 | 25.5 | 26.0 | 23.5 | 24.5 | 19.0 | 18.5 | 19.0 |
| 29 | 23.0 | 22.0 | 22.5 | 27.5 | 24.5 | 25.5 | 24.5 | 23.0 | 24.0 | 18.5 | 17.5 | 18.0 |
| 30 | 23.0 | 22.0 | 22.5 | 27.0 | 24.5 | 25.5 | 25.5 | 23.5 | 24.0 | 17.5 | 16.5 | 17.0 |
| 31 |  |  | --- | 26.5 | 24.5 | 25.5 | 25.0 | 22.0 | 23.5 | --- | --- |  |
| MONTH | 23.0 | 14.0 | 18.7 | 27.5 | 21.5 | 24.5 | 27.0 | 22.0 | 24.2 | 23.0 | 16.5 | 19.8 |

## DELAWARE RIVER BASIN

01460200 DELAWARE RIVER BELOW TOHICKON CREEK AT POINT PLEASANT, PA

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 9.8 | 8.6 | 9.3 | --- | --- | --- | - | --- | --- | --- | --- | - |
| 2 | 9.8 | 8.3 | 8.9 | -- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 9.8 | 8.0 | 8.7 | - | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 8.7 | 7.9 | 8.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 9.3 | 7.7 | 8.5 | -- | - | --- | --- | --- | --- | --- | --- | --- |
| 6 | 9.7 | 8.0 | 8.7 | --- | --- | - | --- | --- | --- | -- | --- | --- |
| 7 | 10.0 | 8.1 | 8.8 | --- | --- | --- | - | --- | --- | - | --- | --- |
| 8 | 10.1 | 8.5 | 9.2 | --- | --- | - | --- | - | --- | - | --- | --- |
| 9 | 10.3 | 8.7 | 9.3 | --- | --- | --- | - | - | --- | --- | --- | --- |
| 10 | 9.7 | 8.6 | 9.1 | -- | - | --- | --- | --- | --- | --- | - | --- |
| 11 | --- | --- | - | --- | --- | - | --- | - | --- | --- | - | - |
| 12 | 9.4 | --- | --- | --- | - | --- | --- | --- | --- | --- | --- | --- |
| 13 | 9.5 | 9.4 | 9.4 | - | --- | --- | --- | - | --- | - | - | - |
| 14 | 9.6 | 9.4 | 9.5 | --- | --- | --- | --- | --- | --- | --- | - | -- |
| 15 | 9.8 | 9.6 | 9.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 9.8 | 9.5 | 9.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | --- | --- | --- | --- | --- | --- | --- | - | --- | --- | --- | -- |
| 18 | -- | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | - | -- | --- | -- | - | --- |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- |
| 24 | --- | --- | --- | --- | --- | - | - | -- | --- | -_- | - | --- |
| 25 | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - | -- |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | - | - | - | --- | --- | --- | --- | -- | --- | --- | --- | -- |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | 10.3 | 7.7 | 9.1 | --- | --- | --- | - | --- | --- | --- | --- | - |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | february |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | --- | -- | - | --- | --- | --- | --- | --- | - | 14.8 | 11.3 | 12.8 |
| 2 | --- | -- | - | - | --- | --- | --- | -- | --- | 14.7 | 11.3 | 12.9 |
| 3 | --- | --- | --- | -- | --- | --- | --- | --- | --- | 14.4 | 10.9 | 12.4 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12.4 | 10.6 | 11.5 |
| 5 | -- | --- | --- | --- | --- | --- | --- | --- | --- | 11.3 | 10.4 | 11.0 |
| 6 | --- | -- | -- | --- | --- | --- | - | --- | - | 10.9 | 10.2 | 10.5 |
| 7 | --- | --- | -- | - | --- | --- | - | - | - | 10.9 | 9.9 | 10.4 |
| 8 | --- | -- | --- | - | --- | --- | --- | --- | - | 10.1 | 9.3 | 9.7 |
| 9 | --- | -- | --- | --- | --- | --- | --- | --- | --- | 10.3 | 9.1 | 9.7 |
| 10 | --- | --- | -- | --- | --- | --- | --- | --- | --- | 10.6 | 9.1 | 9.8 |
| 11 | --- | --- | --- | --- | --- | --- | --- | - | -- | 10.2 | 9.0 | 9.5 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.0 | 8.6 | 9.3 |
| 13 | --- | --- | -- | --- | -- | --- | -- | --- | --- | 10.0 | 8.8 | 9.4 |
| 14 | --- | -- | -- | --- | --- | --- | --- | -- | --- | 10.0 | 9.1 | 9.5 |
| 15 | -- | --- | - | --- | --- | --- | --- | --- | -- | 10.0 | 9.4 | 9.7 |
| 16 | --- | --- | --- | -- | - | --- | --- | --- | --- | 10.2 | 9.3 | 9.8 |
| 17 | --- | --- | -- | --- | --- | --- | --- | - | - | 10.2 | 9.6 | 9.9 |
| 18 | --- | - | --- | --- | --- | --- | - | --- | -- | 10.2 | 9.4 | 9.8 |
| 19 | --- | - | --- | --- | --- | --- | --- | --- | --- | 10.0 | 9.6 | 9.8 |
| 20 | --- | --- | - | --- | --- | --- | --- | --- | --- | 9.7 | 9.2 | 9.5 |
| 21 | --- | --- | --- | -- | --- | -- | --- | --- | -- | 9.3 | 8.9 | 9.1 |
| 22 | --- | --- | --- | -- | --- | -- | --- | --- | -- | 9.4 | 8.8 | 9.1 |
| 23 | --- | --- | --- | --- | --- | -- | --- | -- | -- | 9.7 | 9.1 | 9.4 |
| 24 | --- | -- | --- | - | --- | - | -- | -- | -- | 9.8 | 9.3 | 9.5 |
| 25 | --- | -- | --- | -- | --- | --- | --- | -- | --- | 9.9 | 9.4 | 9.6 |
| 26 | --- | --- | --- | --- | --- | --- | --- | - | --- | --- | --- | -- |
| 27 | --- | --- | --- | --- | --- | --- | - | - | --- | -- | - | -- |
| 28 | --- | --- | - | - | --- | --- | 15.2 | 11.6 | 13.3 | --- | --- | - |
| 29 | --- | -- | --- | - | --- | --- | 14.2 | 11.3 | 12.6 | 9.6 | 9.1 | 9.3 |
| 30 | --- | --- | --- | --- | --- | - | 15.1 | 11.4 | 13.1 | 9.2 | 8.9 | 9.1 |
| 31 | --- | --- | --- | --- | --- | --- |  |  |  | 8.9 | 8.7 | 8.8 |
| MONTH | --- | - | -- | --- | --- | --- | 15.2 | 11.3 | 13.0 | 14.8 | 8.6 | 10.0 |

## DELAWARE RIVER BASIN

01460200 DELAWARE RIVER BELOW TOHICKON CREEK AT POINT PLEASANT, PA

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |
| 1 | 8.9 | 8.5 | 8.7 | 8.8 | 8.4 | 8.6 | 8.2 | 7.4 | 7.8 | - | --- | --- |
| 2 | 9.2 | 8.8 | --- | 9.1 | 8.3 | 8.6 | 8.6 | 7.2 | 7.8 | --- | --- | --- |
| 3 | 9.5 |  | 9.4 | 9.1 | 8.2 | 8.6 | 8.4 | 7.2 | 7.7 | --- | --- | --- |
| 4 | --- | 9.5 | --- | 9.6 | 8.1 | 8.8 | 7.8 | 6.9 | 7.3 | 8.8 | 8.6 | 8.7 |
| 5 | --- | --- | --- | 10.2 | 8.0 | 8.9 | --- | 6.8 | --- | 8.9 | 8.7 | 8.8 |
| 6 | 9.6 | 9.2 | 9.4 | 10.8 | 7.8 | 9.1 | 7.3 | 7.1 | 7.3 | 8.9 | 8.7 | 8.8 |
| 7 | --- | --- | --- | 11.4 | 7.5 | 9.1 | --- | --- | - | 8.7 | 8.7 | 8.7 |
| 8 | --- | 9.1 | --- | 11.3 | 7.3 | 9.1 | 7.5 | 7.3 | 7.4 | 8.8 | 8.6 | 8.7 |
| 9 | 9.3 | - | 9.1 | 11.1 | 7.2 | 8.6 | -- | --- | --- | 9.0 | 8.6 | 8.8 |
| 10 | 9.0 | 8.8 | 8.9 | 9.2 | 7.3 | 8.0 | --- | --- | --- | 9.1 | 8.7 | 8.9 |
| 11 | 8.8 | 8.6 | 8.7 | 10.4 | 7.4 | 8.6 | --- | - | --- | 9.3 | 8.8 | 9.0 |
| 12 | 8.6 | 8.3 | 8.5 | 10.5 | 7.7 | 9.1 | --- | --- | -- | 9.5 | 8.7 | 9.1 |
| 13 | 8.5 | 8.3 | 8.4 | 10.3 | 7.7 | 9.0 | - | --- | --- | 9.4 | 8.6 | 9.0 |
| 14 | 8.5 | --- | --- | 9.8 | 7.6 | 8.7 | --- | --- | --- | 9.5 | 8.6 | 9.0 |
| 15 | 8.5 | 8.3 | 8.4 | 9.7 | 7.7 | 8.6 | - | - | --- | -- | --- | --- |
| 16 | 8.5 | 8.3 | 8.4 | 9.2 | 7.4 | 8.2 | --- | --- | --- | --- | --- | --- |
| 17 | 8.6 | 8.4 | 8.5 | 9.3 | 7.2 | 8.2 | -- | -- | --- | 8.8 | 8.6 | 8.8 |
| 18 | 8.7 | 8.4 | 8.5 | 8.7 | 7.1 | 7.8 | --- | --- | --- | 8.9 | 8.8 | 8.9 |
| 19 | 8.9 | 8.5 | 8.7 | 8.8 | 6.9 | 7.8 | --- | --- | --- | --- | --- | --- |
| 20 | --- | --- | --- | 8.4 | 6.8 | 7.6 | -- | --- | --- | 8.9 | 8.7 | 8.8 |
| 21 | -- | --- | -- | 8.1 | 6.5 | 7.3 | --- | -- | --- | 9.1 | 8.8 | 8.9 |
| 22 | 9.2 | 9.1 | 9.2 | --- | --- | --- | --- | --- | --- | 9.1 | 8.7 | 8.9 |
| 23 | 9.2 | 9.0 | 9.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 9.0 | 8.7 | 8.9 | --- | -- | --- | --- | --- | --- | 8.5 | 8.1 | 8.4 |
| 25 | 8.8 | 8.5 | 8.7 | 7.3 | 6.4 | 6.9 | --- | --- | --- | 8.6 | 8.5 | 8.6 |
| 26 | 8.6 | 8.4 | 8.5 | 7.9 | 7.0 | 7.6 | --- | --- | --- | 8.7 | 8.6 | 8.7 |
| 27 | 8.4 | 8.0 | 8.3 | 7.9 | 7.1 | 7.5 | --- | --- | --- | 8.7 | 8.6 | 8.6 |
| 28 | 8.4 | 8.2 | 8.3 | 8.1 | 6.9 | 7.4 | --- | --- | --- | 8.6 | 8.5 | 8.5 |
| 29 | 8.5 | 8.2 | 8.4 | 8.7 | 7.2 | 7.8 | --- | --- | --- | 8.8 | 8.5 | 8.7 |
| 30 | 8.7 | 8.2 | 8.5 | 8.9 | 7.5 | 8.1 | --- | --- | - | 9.1 | 8.8 | 8.9 |
| 31 | --- | --- | --- | 9.0 | 7.5 | 8.1 | --- | --- | --- | --- | - | --- |
| MONTH | 9.6 | 8.0 | 8.7 | 11.4 | 6.4 | 8.3 | 8.6 | 6.8 | 7.5 | 9.5 | 8.1 | 8.8 |


[^0]:    $\begin{array}{lll}Y E A R & 298 & 77\end{array}$

