

| Stn Name | Frequency of Monitoring | Temp., °C | pH | DO, mg/l | BOD, mg/l | COD, mg/l | Cond., mS/cm | Nitrate-N, mg/l | NH4-N, mg/l | TC, MPN/100 ml | FC, MPN/100 ml | SI | DI | Class | Nitrite N, mg/l | T. Alk., mg/l | P. Alk., mg/l |
|-----------|-------------------------|-----------|-----|----------|-----------|-----------|--------------|-----------------|-------------|----------------|----------------|---------|------|-------|-----------------|---------------|---------------|
| Madhopur | Jan | 27 | 8.5 | 8.5 | 1.5 | 14 | 546 | 0.535 | 0.56 | 2100 | 1400 | | | | 0.065 | 110 | 18 |
| | April | 37 | 8.2 | 6.9 | 2.7 | 27 | 306 | 1.468 | 0.58 | 3500 | 2100 | | | | 0.018 | 104 | ND |
| | July | 29 | 8 | 8.5 | 2.5 | 10.7 | 254 | 0.743 | 0.928 | 4300 | 1500 | | | | 0.05 | 110 | 0 |
| | October | 28 | 7.8 | 7 | 1 | 12.5 | 212 | 0.89 | 1.1 | 2200 | 1700 | | | | 0.05 | 108 | 0 |
| | Min | 27 | 8 | 6.9 | 1.5 | 10.7 | 254 | 0.535 | 0.56 | 2100 | 1400 | 0 | 0 | 0 | 0.018 | 104 | 0 |
| | Max | 37 | 8.5 | 8.5 | 2.7 | 27 | 546 | 1.468 | 0.928 | 4300 | 2100 | 0 | 0 | 0 | 0.065 | 110 | 18 |
| | Avg | 30.3 | 8.1 | 7.7 | 1.9 | 16.1 | 329.5 | 0.91 | 0.79 | 3025.0 | 1675.0 | #DIV/0! | ### | #### | 0.0 | 108.0 | 6.0 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Stn Name | Frequency of Monitoring | Temp., °C | pH | DO, mg/l | BOD, mg/l | COD, mg/l | Cond., mS/cm | Nitrate-N, mg/l | NH4-N, mg/l | TC, MPN/100 ml | FC, MPN/100 ml | SI | DI | Class | Nitrite N, mg/l | T. Alk., mg/l | P. Alk., mg/l |
| Pottagarh | Jan | 26 | 8.1 | 7.7 | 1.2 | 26 | 35000 | 0.133 | 0.56 | 470 | 270 | 6 | 0.42 | C | ND | 84 | 8 |
| | April | 36 | 8.1 | 6.6 | 0.8 | 71.4 | 45870 | 0.397 | 0.58 | 320 | 210 | 5.2 | 0.48 | C | 0.004 | 80 | ND |
| | July | 28 | 7.7 | 8.7 | 2 | 12.4 | 2060 | 1.01 | 1.5 | 480 | 270 | | | | 0.05 | 112 | 0 |
| | October | 29 | 7.6 | 6.9 | 1.2 | 18.9 | 259 | 0.17 | 0.9 | 240 | 170 | 5.2 | 0.52 | C | 0.05 | 114 | 0 |
| | Min | 26 | 7.7 | 6.6 | 0.8 | 12.4 | 2060 | 0.133 | 0.56 | 320 | 210 | 5.2 | 0.42 | 0 | 0.05 | 80 | 0 |
| | Max | 36 | 8.1 | 8.7 | 2 | 71.4 | 45870 | 1.01 | 1.5 | 480 | 270 | 6 | 0.48 | 0 | 0.05 | 112 | 8 |
| | Avg | 29.8 | 7.9 | 7.5 | 1.3 | 32.2 | 20797.3 | 0.43 | 0.89 | 377.5 | 230.0 | 5.5 | 0.47 | #### | 0.1 | 97.5 | 2.7 |

0(1.40-2.10) (0.21-0.27)

| | | | | | | | | | | | |
|----------|----------|--|--|--|--|--|--|-----------|--|--|--|
| Stn Name | Madhopur | | | | | | | Pottagarh | | | |
|----------|----------|--|--|--|--|--|--|-----------|--|--|--|

| Hardness CaCO3, mg/l | Ca as CaCO3, mg/l | Mg as CaCO3, mg/l | Chloride, mg/l | Sulphate, mg/l | PO43- P, mg/l | Fluoride, mg/l | Total Kjeldahl N, mg/l | TSS, mg/l | TDS, mg/l | TFS, mg/l | Turbidity, NTU | Na, mg/l | K, mg/l | B, mg/l | Cadmium, mg/l | Copper, mg/l | Lead, mg/l | Chromium Total, mg/l | Nickel, mg/l | Zinc, mg/l | Mercury, mg/l | Iron Total, mg/l | |
|-------------------------|----------------------|----------------------|-------------------|-------------------|------------------|-------------------|------------------------------|--------------|--------------|--------------|-------------------|-------------|------------|------------|------------------|-----------------|---------------|----------------------------|-----------------|---------------|------------------|------------------------|--|
| 116 | 68 | 48 | 40 | 22.1 | 0.055 | 0.202 | 14 | 21 | 282 | 226 | 4.8 | 23.1 | 3.1 | 0.085 | 2 | 2 | 4 | 46 | 4 | 15 | 0.2 | 1494 | |
| 96 | 52 | 44 | 40 | 13.5 | 0.016 | 0.302 | 2.8 | 78 | 162 | 147 | 17.6 | 26.4 | 6.6 | 0.065 | 1 | 1 | 2 | 38 | 1 | 9 | 0.1 | 982 | |
| 100 | 68 | 32 | 26 | 3.73 | 0.034 | 0.445 | 2.24 | 30 | 166 | 158 | 48 | 17.6 | 3.9 | 0.096 | 0.6 | 2.9 | 11.9 | 58 | 3.4 | 10.6 | 5E-04 | 155 | |
| 76 | 40 | 36 | 13 | 1.6 | 0.049 | 0.308 | 5.6 | 184 | 125 | 110 | 132 | 9.8 | 2.4 | 0.017 | 1 | 2.7 | 12.3 | 132 | 6 | 20.4 | 5E-04 | 140.6 | |
| 96 | 52 | 32 | 26 | 3.73 | 0.016 | 0.202 | 2.24 | 21 | 162 | 147 | 48 | 17.6 | 3.1 | 0.065 | 0.6 | 1 | 2 | 38 | 1 | 9 | 5E-04 | 155 | |
| 116 | 68 | 32 | 40 | 22.1 | 0.055 | 0.445 | 14 | 78 | 282 | 226 | 48 | 26.4 | 6.6 | 0.096 | 2 | 2.9 | 11.9 | 58 | 4 | 15 | 0.2 | 155 | |
| 97.0 | 57.0 | 34.0 | 29.8 | 10.2 | 0.0 | 0.3 | 6.2 | 78.3 | 183.8 | 160.3 | 90.0 | 19.2 | 4.0 | 0.1 | 1.2 | 2.2 | 7.6 | 68.5 | 3.6 | 13.8 | 0.1 | 147.8 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Hardness CaCO3, mg/l | Ca as CaCO3, mg/l | Mg as CaCO3, mg/l | Chloride, mg/l | Sulphate, mg/l | PO43- P, mg/l | Fluoride, mg/l | Total Kjeldahl N, mg/l | TSS, mg/l | TDS, mg/l | TFS, mg/l | Turbidity, NTU | Na, mg/l | K, mg/l | B, mg/l | Cadmium, mg/l | Copper, mg/l | Lead, mg/l | Chromium Total, mg/l | Nickel, mg/l | Zinc, mg/l | Mercury, mg/l | Iron Total, mg/l | |
| 102 | 52 | 50 | 9795 | 42.4 | 0.457 | 0.717 | 5.6 | 13 | 19186 | 18986 | 1.3 | 5221 | 1232 | 1.008 | 2 | 14 | 12 | 36 | 13 | 11 | BDL | 521 | |
| 5900 | 1000 | 4900 | 15170 | 305.8 | ND | 0.793 | 2.8 | 46.6 | 24350 | 22550 | 5.6 | 8840 | 141 | 1.451 | 1 | 9 | 18 | 52 | 10 | 15 | BDL | 456 | |
| 236 | 96 | 140 | 460 | 93.9 | 0.163 | 0.322 | 2.8 | 47 | 1524 | 1278 | 54 | 280.5 | 13.5 | 0.521 | 0.5 | 2.9 | 48.2 | 90 | 3.4 | 10.6 | 5E-04 | 155 | |
| 84 | 46 | 38 | 16 | 4.5 | 0.03 | 0.33 | 8.4 | 88 | 153 | 134 | 134 | 10.3 | 2.6 | 0.005 | 1 | 2.6 | 10 | 67 | 3.8 | 13.4 | 0.76 | 96.9 | |
| 102 | 52 | 140 | 460 | 42.4 | 0.163 | 0.322 | 2.8 | 13 | 1524 | 1278 | 54 | 280.5 | 13.5 | 0.521 | 0.5 | 2.9 | 12 | 36 | 3.4 | 10.6 | 5E-04 | 155 | |
| 5900 | 1000 | 140 | 15170 | 305.8 | 0.163 | 0.793 | 5.6 | 47 | 24350 | 22550 | 54 | 8840 | 1232 | 1.451 | 2 | 14 | 48.2 | 90 | 13 | 15 | 5E-04 | 155 | |
| 1580.5 | 298.5 | 89.0 | 6360.3 | 111.7 | 0.1 | 0.5 | 4.9 | 48.7 | #### | #### | 94.0 | #### | 347.3 | 0.7 | 1.1 | 7.1 | 22.1 | 61.3 | 7.6 | 12.5 | 0.4 | 126.0 | |