

## WATER QUALITY DATA 2013 | CPCB ENVIS

## WATER QUALITY OF RIVER BEAS - 2013

| STATION<br>CODE        | LOCATIONS   | STATE            | TEMPERATURE °C |     |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |     |      | B.O.D. (mg/l) |     |      | NITRATE- N+ NITRITE-<br>N (mg/l) |      |      | FECAL COLIFORM<br>(MPN/100ml) |      |      | TOTAL COLIFORM<br>(MPN/100ml) |      |      |
|------------------------|---|------------------|----------------|-----|------|-------------|------|------|---------|-----|------|----------------------------|-----|------|---------------|-----|------|----------------------------------|------|------|-------------------------------|------|------|-------------------------------|------|------|
|                        |   |                  | Min            | Max | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max | Mean | Min           | Max | Mean | Min                              | Max  | Mean | Min                           | Max  | Mean | Min                           | Max  | Mean |
| WATER QUALITY CRITERIA |   |                  |                |     |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |     |      | < 3 mg/l      |     |      |                                  |      |      | < 2500 MPN/100ml              |      |      | < 5000 MPN/100ml              |      |      |
| 1001                   | BEAS AT U/S MANALI, H.P.                                    | HIMACHAL PRADESH | 1              | 13  | 6.5  | 8.2         | 9.9  | 9.3  | 7.6     | 8.3 | 8    | 46                         | 104 | 81   | 0.1           | 0.6 | 0.2  | 0.176                            | 1.32 | 1    | 17                            | 94   | 38   | 34                            | 350  | 125  |
| 1002                   | BEAS AT D/S KULU, H.P.                                      | HIMACHAL PRADESH | 1              | 16  | 9.2  | 8.2         | 9.6  | 9    | 7       | 8.5 | 7.9  | 54                         | 119 | 92   | 0.1           | 0.4 | 0.3  | 0.342                            | 0.98 | 1    | 23                            | 140  | 80   | 170                           | 540  | 324  |
| 1003                   | BEAS AT D/S AUT, H.P.                                       | HIMACHAL PRADESH | 2              | 15  | 10.2 | 0.9         | 9.8  | 8.4  | 7       | 8.4 | 7.9  | 42                         | 118 | 82   | 0.1           | 1   | 0.3  | 0.283                            | 0.92 | 1    | 23                            | 79   | 43   | 130                           | 280  | 178  |
| 1004                   | BEAS AT U/S PANDON DAM, H.P.                                | HIMACHAL PRADESH | 7              | 18  | 12.9 | 0.3         | 10.5 | 8.6  | 7.4     | 8.2 | 7.8  | 57                         | 119 | 84   | 0.1           | 0.9 | 0.3  | 0.396                            | 3.2  | 1    | 33                            | 170  | 70   | 79                            | 920  | 250  |
| 1005                   | BEAS AT EXIT OF TUNNEL DEHAL<br>POWER HOUSE, H.P.           | HIMACHAL PRADESH | 5              | 26  | 13.8 | 8.9         | 12.1 | 9.8  | 7.4     | 8.5 | 8    | 64                         | 189 | 104  | 0.1           | 0.3 | 0.2  | 0.372                            | 2.45 | 1    | 21                            | 63   | 39   | 70                            | 280  | 135  |
| 1550                   | BEAS AT U/S MANDI, H.P                                      | HIMACHAL PRADESH | 7              | 20  | 15.3 | 7.5         | 10.8 | 8.9  | 7.5     | 8.5 | 8.1  | 76                         | 157 | 111  | 0.1           | 0.9 | 0.3  | 0.667                            | 3.7  | 1    | 27                            | 79   | 63   | 110                           | 280  | 218  |
| 1006                   | BEAS AT D/S MANDI, H.P.                                     | HIMACHAL PRADESH | 8              | 21  | 16.2 | 6.9         | 11.7 | 9    | 7.5     | 8.7 | 8.1  | 99                         | 204 | 145  | 0.2           | 1.4 | 0.5  | 0.676                            | 3.02 | 2    | 79                            | 2400 | 318  | 170                           | 2400 | 643  |
| 2604                   | BEAS AT D/S JAISINGHPUR                                     | HIMACHAL PRADESH | 9              | 22  | 16.7 | 6.7         | 8.3  | 7.5  | 7.5     | 8.8 | 8.4  | 81                         | 472 | 265  | 0             | 1.4 | 0.7  | 0.68                             | 1.02 | 1    |                               |      |      |                               |      |      |
| 1007                   | BEAS AT D/S ALAMPUR, H.P.                                   | HIMACHAL PRADESH | 10             | 21  | 16.7 | 6.5         | 8.1  | 7.4  | 6       | 9   | 8.2  | 100                        | 429 | 233  | 0.3           | 1.2 | 0.6  | 0.69                             | 3.6  | 2    |                               |      |      |                               |      |      |
| 1008                   | BEAS AT D/S DEHRAGOPIPUR,<br>H.P.                           | HIMACHAL PRADESH | 14.5           | 21  | 18.3 | 5.5         | 9.8  | 7.9  | 7.4     | 8.8 | 8.3  | 99                         | 419 | 252  | 0.3           | 6   | 1.3  | 0.63                             | 5.6  | 4    |                               |      |      |                               |      |      |
| 1009                   | BEAS AT D/S PONG DAM, H.P.                                  | HIMACHAL PRADESH | 14.5           | 24  | 18.7 | 4.5         | 9.5  | 7.3  | 7.5     | 8.9 | 8.3  | 164                        | 278 | 203  | 0.2           | 1.4 | 0.6  | 0.4                              | 0.96 | 1    |                               |      |      |                               |      |      |
| 1693                   | BEAS AT TALWARA H/W, PUNJAB                                 | PUNJAB           | 10             | 29  | 20.5 | 7.2         | 8    | 7.6  | 7       | 7.3 | 7.2  | 29                         | 210 | 154  | 0.3           | 0.4 | 0.4  | 1.4                              | 1.5  | 1    | 11                            | 120  | 40   | 28                            | 500  | 153  |
| 1694                   | BEAS AT U/S PATHANKOT,<br>PUNJAB                            | PUNJAB           | 10             | 29  | 19   | 7.3         | 7.8  | 7.5  | 7.4     | 7.7 | 7.6  | 29                         | 273 | 188  | 0.3           | 1.4 | 1.1  | 2.6                              | 3.2  | 3    | 110                           | 140  | 123  | 350                           | 500  | 435  |
| 1695                   | BEAS AT D/S<br>PATHANKOT,PUNJAB                             | PUNJAB           | 10             | 29  | 19.3 | 6.8         | 7.5  | 7.2  | 7.1     | 7.4 | 7.2  | 29                         | 258 | 187  | 0.4           | 0.7 | 0.6  | 2.8                              | 3.46 | 3    | 130                           | 180  | 148  | 430                           | 700  | 523  |
| 1010                   | BEAS AT MIRTHAL BRIDGE,<br>GURDASPUR, PUNJAB                | PUNJAB           | 9              | 29  | 16.4 | 7.2         | 10.5 | 8.5  | 7.2     | 8.1 | 7.6  | 57                         | 255 | 139  | 0.1           | 0.9 | 0.4  | 3.2                              | 3.52 | 3    | 33                            | 170  | 76   | 79                            | 920  | 325  |
| 1294                   | BEAS AT 1KM.D/S OF EFFL. DISH.<br>POINT AT MUKERIAN ,PUNJAB | PUNJAB           | 10             | 29  | 21.5 | 7           | 7.5  | 7.3  | 7.4     | 7.5 | 7.5  | 255                        | 270 | 264  | 1.2           | 1.8 | 1.6  | 3.2                              | 3.29 | 3    | 180                           | 700  | 428  | 430                           | 1100 | 773  |
| 1011                   | BEAS AT G.T.ROAD UNDER BDG.<br>NEAR KAPURTHALA, PUNJAB      | PUNJAB           | 10             | 29  | 21   | 7.3         | 7.6  | 7.43 | 7.1     | 7.5 | 7.4  | 205                        | 254 | 236  | 0.2           | 1   | 0.7  | 3.4                              | 4.8  | 4    | 110                           | 600  | 305  | 350                           | 1100 | 713  |
| 1696                   | BEAS AT U/S GOINDWAL, PUNJAB                                | PUNJAB           | 10             | 29  | 20.8 | 7.2         | 7.8  | 7.5  | 7       | 7.4 | 7.2  | 212                        | 258 | 236  | 0.6           | 0.9 | 0.7  | 3.2                              | 3.3  | 3    | 180                           | 700  | 333  | 460                           | 1200 | 775  |
| 1012                   | BEAS AT 100M D/S INDUST.<br>DISCH. GOINDWAL PUNJAB          | PUNJAB           | 10             | 29  | 21.5 | 7.2         | 7.7  | 7.4  | 7.1     | 7.4 | 7.3  | 221                        | 251 | 238  | 0.6           | 0.9 | 0.7  | 3.8                              | 3.93 | 4    | 130                           | 500  | 273  | 490                           | 1100 | 673  |
| 1697                   | BEAS AT HARIKE, PUNJAB                                      | PUNJAB           | 10             | 32  | 21.8 | 7.2         | 7.8  | 7.5  | 7.2     | 7.5 | 7.3  | 210                        | 264 | 235  | 0.4           | 1.2 | 0.8  | 3                                | 3.01 | 3    | 100                           | 140  | 120  | 300                           | 500  | 413  |
| 2601                   | BEAS AT D/S MANALI  | HIMACHAL PRADESH | 1              | 13  | 7.5  | 8.1         | 9.9  | 9.2  | 7.5     | 8.5 | 8    | 63                         | 95  | 81   | 0             | 0.8 | 0.3  | 0.128                            | 1.2  | 1    | 17                            | 94   | 56   | 63                            | 350  | 189  |

|      |                        |                  |   |    |      |     |     |     |     |     |     |    |     |     |   |     |     |       |      |   |    |     |    |     |      |     |
|------|------------------------|------------------|---|----|------|-----|-----|-----|-----|-----|-----|----|-----|-----|---|-----|-----|-------|------|---|----|-----|----|-----|------|-----|
| 2602 | BEAS AT U/S KULLU      | HIMACHAL PRADESH | 2 | 15 | 9.6  | 8.1 | 9.7 | 9.1 | 7.1 | 8.3 | 7.9 | 53 | 111 | 86  | 0 | 0.4 | 0.2 | 0.202 | 1.45 | 1 | 31 | 94  | 55 | 94  | 280  | 216 |
| 2603 | BEAS AT D/S PANDOH DAM | HIMACHAL PRADESH | 8 | 21 | 14.2 | 7.2 | 11  | 9.1 | 7   | 8.5 | 7.8 | 75 | 132 | 102 | 0 | 0.7 | 0.3 | 0.327 | 1.2  | 1 | 34 | 280 | 80 | 140 | 1600 | 343 |

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## WATER QUALITY OF RIVER BRAHMAPUTRA-2013

| STATION<br>CODE        | LOCATIONS  | STATE | TEMPERATURE °C |     |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |     |      | B.O.D. (mg/l) |     |      | NITRATE- N+<br>NITRITE-N (mg/l) |      |      | FECAL COLIFORM<br>(MPN/100ml) |      |      | TOTAL COLIFORM<br>(MPN/100ml) |       |      |
|------------------------|--|-------|----------------|-----|------|-------------|------|------|---------|-----|------|----------------------------|-----|------|---------------|-----|------|---------------------------------|------|------|-------------------------------|------|------|-------------------------------|-------|------|
|                        |  |       | Min            | Max | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max | Mean | Min           | Max | Mean | Min                             | Max  | Mean | Min                           | Max  | Mean | Min                           | Max   | Mean |
| WATER QUALITY CRITERIA |  |       |                |     |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |     |      | < 3 mg/l      |     |      |                                 |      |      | < 2500 MPN/100ml              |      |      | < 5000 MPN/100ml              |       |      |
| 1260                   | BRAHAMPUTRA AT KHERGHAT (AFTER CONFL. WITH DIBANG & DIHANG),ASSAM                  | ASSAM | 18             | 26  | 22.1 | 5.2         | 10   | 8.2  | 6.8     | 8.4 | 7.3  | 103                        | 247 | 163  | 0.9           | 2.6 | 1.6  | 0.1                             | 1.09 | 1    | 360                           | 1500 | 783  | 360                           | 4400  | 1621 |
| 1030                   | BRAHAMPUTRA AT DIBRUGARH, ASSAM  | ASSAM | 19             | 30  | 22.9 | 6.1         | 10.2 | 7.9  | 6.8     | 7.7 | 7.3  | 20                         | 240 | 136  | 1.2           | 3.6 | 2.1  | 0.2                             | 1.33 | 1.02 | 360                           | 1500 | 890  | 360                           | 9300  | 2269 |
| 1262                   | BRAHAMPUTRA AT NIMATIGHAT, ASSAM   | ASSAM | 18             | 27  | 22.9 | 5.6         | 7.9  | 7.2  | 6.6     | 7.5 | 7.1  | 108                        | 350 | 172  | 0.7           | 2.4 | 1.7  | 0.25                            | 2.33 | 1.95 | 360                           | 360  | 360  | 360                           | 2800  | 1270 |
| 1526                   | BRAHMPUTRA RIVER AT DHENUKHAPAHAR, ASSAM   | ASSAM | 17             | 29  | 23.9 | 7.1         | 8.9  | 7.7  | 6.5     | 8.5 | 7.2  | 93                         | 317 | 201  | 1.4           | 4.1 | 2.3  | 0.23                            | 2.06 | 1    |                               |      |      | 45                            | 45    | 45   |
| 1031                   | BRAHAMPUTRA AT PANDU, ASSAM  | ASSAM | 16             | 30  | 23.6 | 6.8         | 9.5  | 8.2  | 6.8     | 8.2 | 7.3  | 142                        | 290 | 191  | 0.6           | 2.2 | 1.4  | 0.2                             | 1.09 | 1    | 300                           | 730  | 523  | 300                           | 2000  | 1154 |
| 1299                   | BRAHAMPUTRA AT JOGIJHOGA NEAR BRIDGE, ASSAM  | ASSAM | 19             | 31  | 26.6 | 4.6         | 7.2  | 6.1  | 6       | 7.9 | 7.3  | 135                        | 322 | 180  | 0.7           | 2.4 | 1.5  | 0.18                            | 1.56 | 1.03 | 360                           | 1500 | 645  | 360                           | 4300  | 1336 |
| 2069                   | BRAHMPUTRA RIVER NEAR WATER INTAKE POINT AT KACHARIGHAT, PANBAZAR, GUWAHATI, ASSAM | ASSAM | 20             | 29  | 25.3 | 6.2         | 7.8  | 7.2  | 6.8     | 7.8 | 7.4  | 128                        | 203 | 161  | 1             | 2.8 | 1.9  | 0.21                            | 2.3  | 2.02 | 300                           | 910  | 575  | 730                           | 24000 | 7083 |
| 2064                   | BRAHMAPUTRA RIVER AT CHANDRAPUR, GUWAHATI  | ASSAM | 20             | 30  | 25.5 | 6.4         | 8.2  | 7.3  | 7.2     | 7.5 | 7.4  | 122                        | 502 | 334  | 1.1           | 1.9 | 1.5  | 0.1                             | 2.06 | 1.95 | 360                           | 1100 | 730  | 730                           | 3600  | 1733 |
| 2067                   | BRAHMPUTRA RIVER AT SUALKUCHI, DIST. KAMRUP, ASSAM                                 | ASSAM | 22             | 31  | 26.8 | 5.6         | 10.3 | 8.3  | 6.9     | 8.4 | 7.6  | 148                        | 275 | 196  | 1.1           | 1.9 | 1.4  | 0.21                            | 0.96 | 0.58 | 1500                          | 1500 | 1500 | 730                           | 4300  | 2043 |
| 2066                   | BRAHMAPUTRA RIVER AT DHUBRI  | ASSAM | 20             | 30  | 26.5 | 5.1         | 7    | 6.2  | 6.7     | 7.5 | 7.1  | 83                         | 176 | 134  | 0.8           | 1.4 | 1.2  | 0.14                            | 0.56 | 0.41 | 730                           | 2800 | 1765 | 300                           | 4300  | 2025 |

## WATER QUALITY DATA 2013 | CPCB ENVIS

## WATER QUALITY OF RIVER CAUVERY - 2013

| STATION<br>CODE        | LOCATIONS  | STATE      | TEMPERATURE °C |      |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |      |      | B.O.D. (mg/l) |     |      | NITRATE- N+<br>NITRITE-N (mg/l) |      |      | FECAL COLIFORM<br>(MPN/100ml) |        |       | TOTAL COLIFORM<br>(MPN/100ml) |        |       |
|------------------------|--|------------|----------------|------|------|-------------|------|------|---------|-----|------|----------------------------|------|------|---------------|-----|------|---------------------------------|------|------|-------------------------------|--------|-------|-------------------------------|--------|-------|
|                        |  |            | Min            | Max  | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max  | Mean | Min           | Max | Mean | Min                             | Max  | Mean | Min                           | Max    | Mean  | Min                           | Max    | Mean  |
| WATER QUALITY CRITERIA |  |            |                |      |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |      |      | < 3 mg/l      |     |      |                                 |      |      | < 2500 MPN/100ml              |        |       | < 5000 MPN/100ml              |        |       |
| 1198                   | CAUVERY AT NAPOKULU BDG (D/S),<br>KARNATAKA                    | KARNATAKA  | 22             | 28   | 24.2 | 6.2         | 8.2  | 6.9  | 6.2     | 8.3 | 7.1  | 35                         | 104  | 60   | 1             | 1   | 1    | 0                               | 0.07 | 0.05 | 20                            | 260    | 117   | 110                           | 840    | 486   |
| 1195                   | CAUVERY AT KUSHAL NAGAR U/S (NEAR<br>BAICHANAHALLI), KARNATAKA | KARNATAKA  | 22             | 30   | 25.5 | 6.4         | 8.8  | 7.2  | 6.3     | 8.1 | 7.4  | 50                         | 119  | 93   | 1             | 1   | 1    | 0.07                            | 0.2  | 0.12 | 78                            | 380    | 205   | 310                           | 1700   | 888   |
| 33                     | CAUVERY AT KRS<br>DAM,BALAMURIKSHETRA,KARNATAKA                | KARNATAKA  | 24             | 29   | 26.3 | 5.5         | 8    | 6.7  | 7.1     | 8.9 | 8.1  | 80                         | 359  | 236  | 1             | 2   | 1.5  | 0.15                            | 0.49 | 0.28 | 110                           | 580    | 299   | 470                           | 2200   | 1193  |
| 1386                   | CAUVERY AT D/S OF KAREKUARA VILLAGE,<br>KARNATAKA              | KARNATAKA  | 24             | 28   | 26.4 | 6.4         | 7.8  | 7    | 7.3     | 8.8 | 8.2  | 82                         | 362  | 247  | 1             | 2   | 1.3  | 0.16                            | 0.5  | 0.32 | 140                           | 630    | 305   | 580                           | 2200   | 1249  |
| 1171                   | CAUVERY AT SRI RANGAPATTANNA,D/S OF<br>ROAD BDG.,KARNATAKA     | KARNATAKA  | 25             | 28   | 26.3 | 5.7         | 7    | 6.3  | 7.3     | 8.6 | 8    | 96                         | 377  | 287  | 1             | 4   | 2.5  | 0.2                             | 0.53 | 0.4  | 200                           | 4900   | 1976  | 780                           | 24000  | 8007  |
| 34                     | CAUVERY AT SATHYAGALAM BRIDGE,<br>KARNATAKA                    | KARNATAKA  | 26             | 28   | 26.8 | 5.2         | 8.7  | 7    | 7       | 8.8 | 7.8  | 95                         | 448  | 318  | 1             | 3   | 1.9  | 0.17                            | 0.53 | 0.4  | 92                            | 630    | 345   | 390                           | 2800   | 1561  |
| 2773                   | CAUVERY AT BANNUR BRIDGE, KARNATAKA                            | KARNATAKA  | 25             | 30   | 27.1 | 4.4         | 8.7  | 6.7  | 7.1     | 8.8 | 7.8  | 90                         | 530  | 313  | 1             | 3   | 1.8  | 0.33                            | 0.6  | 0.46 | 92                            | 700    | 345   | 390                           | 2400   | 1408  |
| 2774                   | CAUVERY AT RANGANATHITTU, KARNATAKA                            | KARNATAKA  | 25             | 27   | 25.7 | 5.3         | 6.8  | 6    | 7.4     | 8.7 | 8    | 85                         | 387  | 266  | 1             | 3   | 2.3  | 0.18                            | 0.51 | 0.33 | 320                           | 3900   | 1573  | 1300                          | 14000  | 6350  |
| 50                     | CAUVERY AT METTUR, TAMIL NADU                                  | TAMILNADU  | 22             | 32   | 28.5 | 3.6         | 7.9  | 6.3  | 7.3     | 8.9 | 8    | 108                        | 477  | 343  | 0.3           | 7   | 1.5  | 0.07                            | 0.29 | 0.17 | 84                            | 54000  | 7220  | 110                           | 92000  | 11770 |
| 1322                   | CAUVERY AT 1KM. D/S OF BHAVANI RIVER<br>CONFL., TAMILNADU      | TAMILNADU  | 23             | 29   | 27   | 3.8         | 9    | 5.9  | 7.6     | 8.9 | 8.2  | 155                        | 551  | 389  | 0.3           | 3   | 0.8  | 0.04                            | 0.6  | 0.2  | 84                            | 35000  | 3273  | 110                           | 54000  | 5138  |
| 51                     | CAUVERY AT PALLIPPALAYAM, TAMIL NADU                           | TAMILNADU  | 26             | 33   | 28.7 | 2           | 13.6 | 8.4  | 7.4     | 8.3 | 8    | 110                        | 2870 | 741  | 0.6           | 6   | 1.8  | 0.04                            | 0.49 | 0.18 | 110                           | 35000  | 3282  | 170                           | 54000  | 5225  |
| 1320                   | CAUVERY AT ERODE NEAR CHIRAPALAYAM,<br>TAMILNADU               | TAMILNADU  | 24             | 30   | 27.5 | 1.8         | 8.4  | 5.5  | 7.7     | 9.1 | 8.2  | 152                        | 1640 | 676  | 0.3           | 8.5 | 1.8  | 0.03                            | 0.8  | 0.19 | 170                           | 54000  | 4975  | 220                           | 92000  | 8413  |
| 1323                   | CAUVERY AT VELORE NEAR KATTIPALAYAM,<br>TAMILNADU              | TAMILNADU  | 26             | 32   | 28   | 6.1         | 13.3 | 9    | 7.4     | 9.1 | 8.4  | 173                        | 786  | 510  | 0.5           | 1.3 | 1    | 0.06                            | 0.75 | 0.23 | 110                           | 5400   | 842   | 210                           | 9200   | 1424  |
| 3015                   | CAUVERY AT PUGALUR, KARUR, TAMILNADU                           | TAMILNADU  | 27             | 32   | 28.5 | 2.8         | 10.4 | 6.6  | 7.8     | 9.4 | 8.6  | 150                        | 1159 | 596  | 0.4           | 1.4 | 0.9  | 0.03                            | 0.31 | 0.19 | 110                           | 3500   | 479   | 170                           | 9200   | 1062  |
| 1324                   | CAUVERY AT MOHANUR NEAR<br>PATTAPALAYAM, TAMILNADU             | TAMILNADU  | 16             | 31   | 26.7 | 6.5         | 13.4 | 8.4  | 7.3     | 9.3 | 8.3  | 165                        | 886  | 507  | 0.5           | 1.7 | 1.2  | 0.02                            | 1.17 | 0.27 | 94                            | 5400   | 690   | 120                           | 9200   | 1174  |
| 1451                   | CAUVERY AT THIRUMUKKUDAL-CONFL. PT.OF<br>R. AMRAVATI,TAMILNADU | TAMILNADU  | 27             | 31.5 | 28.6 | 5.7         | 10.6 | 7.8  | 7.7     | 9.2 | 8.4  | 160                        | 675  | 511  | 0.1           | 2.7 | 0.9  | 0.04                            | 0.4  | 0.23 | 110                           | 490    | 203   | 220                           | 790    | 328   |
| 31                     | CAUVERY AT MUSIRI, TAMIL NADU                                  | TAMILNADU  | 25             | 32   | 29   | 6.1         | 10.2 | 8.1  | 7.3     | 8.7 | 8.2  | 300                        | 937  | 579  | 0.2           | 1.8 | 1    | 0.09                            | 1.14 | 0.25 | 110                           | 13000  | 2271  | 210                           | 35000  | 4160  |
| 3016                   | CAUVERY AT PETTAIVAITHALAI, TRICHY,<br>TAMILNADU               | TAMILNADU  | 25             | 32   | 28.6 | 6           | 9.4  | 7.7  | 7.1     | 8.8 | 8.1  | 184                        | 796  | 521  | 0.3           | 2   | 0.9  | 0.07                            | 0.51 | 0.21 | 90                            | 540000 | 50083 | 210                           | 920000 | 85403 |
| 1202                   | CAUVERY AT TIRUCHIRAPPALLI U/S,<br>TAMILNADU                   | TAMILNADU  | 25             | 32   | 28.3 | 6.5         | 9.4  | 7.7  | 7.1     | 8   | 7.5  | 154                        | 674  | 466  | 0.1           | 2.2 | 1    | 0.05                            | 0.7  | 0.21 | 33                            | 1400   | 344   | 140                           | 3500   | 696   |
| 1325                   | CAUVERY AT TIRUCHIRAPPALLI D/S,<br>TAMILNADU                   | TAMILNADU  | 25             | 30   | 27.5 | 2.1         | 8    | 6    | 7.2     | 8.3 | 7.8  | 196                        | 1115 | 601  | 0.2           | 4.2 | 1.9  | 0.02                            | 0.98 | 0.23 | 25                            | 240000 | 30508 | 79                            | 540000 | 68359 |
| 1203                   | CAUVERY AT TRICHY,GRAND ANAICUT,<br>TAMILNADU                  | TAMILNADU  | 25             | 30   | 27.3 | 4.7         | 9.1  | 6.7  | 7.3     | 8.3 | 7.9  | 225                        | 886  | 545  | 0.4           | 4   | 1.9  | 0.06                            | 0.95 | 0.25 | 110                           | 17000  | 3448  | 240                           | 35000  | 5325  |
| 1206                   | CAUVERY AT THANJAVUR, TAMILNADU                                | TAMIL NADU | 19             | 31   | 25   | 6           | 8.8  | 7.6  | 7.6     | 8.7 | 8.2  | 190                        | 910  | 529  | 0.6           | 2.3 | 1.3  | 0.04                            | 0.32 | 0.19 | 48                            | 2400   | 590   | 140                           | 3500   | 892   |

|      |  |           |    |    |      |     |      |     |     |     |     |     |       |       |     |     |     |      |      |      |    |       |      |     |       |      |
|------|--|-----------|----|----|------|-----|------|-----|-----|-----|-----|-----|-------|-------|-----|-----|-----|------|------|------|----|-------|------|-----|-------|------|
| 3012 | CAUVERY AT KOMARAPALAYAM, NAMAKAL, TAMILNADU | TAMILNADU | 26 | 33 | 29.5 | 4.2 | 10   | 7.3 | 7.1 | 9.1 | 8.2 | 170 | 1078  | 517   | 0.8 | 3.6 | 1.6 | 0.03 | 0.94 | 0.27 | 90 | 24000 | 2803 | 220 | 35000 | 5232 |
| 3013 | CAUVERY AT URRACHIKOTTAI, ERODE, TAMILNADU   | TAMILNADU | 25 | 31 | 27   | 4.4 | 10.3 | 7.1 | 7   | 8.7 | 7.4 | 64  | 447   | 189   | 0.4 | 3.7 | 1.5 | 0.08 | 0.58 | 0.21 | 0  | 730   | 179  | 220 | 2800  | 1145 |
| 3014 | CAUVERY AT VAIRAPALAYAM, NAMAKAL, TAMILNADU  | TAMILNADU | 27 | 33 | 29.4 | 5.8 | 11.8 | 7.7 | 7.1 | 8.8 | 8.1 | 132 | 937   | 476   | 0.1 | 2.1 | 1   | 0.03 | 0.31 | 0.16 | 80 | 24000 | 2375 | 200 | 54000 | 5221 |
| 3017 | CAUVERY AT KUMBAKONAM, THANJAVUR, TAMILNADU  | TAMILNADU | 20 | 28 | 24.3 | 7.3 | 8.9  | 8.2 | 7.6 | 8.6 | 8   | 220 | 594   | 375   | 0.9 | 3   | 1.8 | 0.04 | 0.94 | 0.24 | 48 | 4600  | 1287 | 130 | 7000  | 1965 |
|      | <b>ESTUARINE ZONE</b>                        |           |    |    |      |     |      |     |     |     |     |     |       |       |     |     |     |      |      |      |    |       |      |     |       |      |
| 1326 | CAUVERY AT COLEROON, TAMILNADU               | TAMILNADU | 26 | 35 | 27.8 | 5.4 | 8.9  | 7.5 | 7.6 | 8.9 | 8.3 | 176 | 50400 | 17218 | 0.2 | 7.8 | 1.3 | 0.06 | 0.27 | 0.18 | 4  | 3500  | 872  | 6   | 9200  | 1916 |
| 1327 | CAUVERY AT PITCHAVARAM, TAMILNADU            | TAMILNADU | 26 | 35 | 27.4 | 1.1 | 7.9  | 5.3 | 7   | 9.3 | 8.2 | 490 | 4730  | 1778  | 0.2 | 6.1 | 1.6 | 0.05 | 0.67 | 0.21 | 13 | 24000 | 4648 | 20  | 54000 | 7505 |

## WATER QUALITY DATA 2013 | CPCB ENVIS

## WATER QUALITY OF RIVER GANGA - 2013

| STATION<br>CODE        | LOCATIONS   | STATE         | TEMPERATURE °C |      |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |     |      | B.O.D. (mg/l) |      |      | NITRATE- N+<br>NITRITE-N (mg/l) |      |      | FECAL COLIFORM<br>(MPN/100ml) |        |       | TOTAL COLIFORM<br>(MPN/100ml) |        |       |
|------------------------|---|---------------|----------------|------|------|-------------|------|------|---------|-----|------|----------------------------|-----|------|---------------|------|------|---------------------------------|------|------|-------------------------------|--------|-------|-------------------------------|--------|-------|
|                        |   |               | Min            | Max  | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max | Mean | Min           | Max  | Mean | Min                             | Max  | Mean | Min                           | Max    | Mean  | Min                           | Max    | Mean  |
| WATER QUALITY CRITERIA |   |               |                |      |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |     |      | < 3 mg/l      |      |      |                                 |      |      | < 2500 MPN/100ml              |        |       | < 5000 MPN/100ml              |        |       |
| 1491                   | BHAGIRATHI AT GANGOTRI, UTTAR PRADESH   | UTTARAKHAND   | 3.3            | 7    | 5.2  | 8.3         | 8.8  | 8.6  | 8.4     | 8.5 | 8.5  | 126                        | 126 | 126  |               |      |      | 0                               | 0    | 0    | 220                           | 220    | 220   | 220                           | 220    | 220   |
| 1484                   | ALKANANDA B/C MANDAKINI AT RUDRA PRAYAG, UTTAR PRADESH                          | UTTARAKHAND   | 11.3           | 19   | 15.4 | 7.4         | 10.6 | 8.7  | 7.4     | 8.4 | 8.1  | 124                        | 124 | 124  | 0.2           | 1    | 0.7  | 0                               | 0    | 0    | 790                           | 790    | 790   | 1700                          | 1700   | 1700  |
| 1486                   | ALKANANDA A/C MANDAKINI AT RUDRAPRAYAG, UTTAR PRADESH                           | UTTARAKHAND   | 11.3           | 19   | 16   | 7.6         | 10   | 8.6  | 7.5     | 8.7 | 8.1  | 183                        | 183 | 183  | 0.8           | 2    | 1.4  | 0                               | 0    | 0    | 78                            | 78     | 78    | 230                           | 230    | 230   |
| 1488                   | BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG, U.P                                 | UTTARAKHAND   | 14             | 20   | 17.1 | 7.4         | 11.2 | 9    | 7.8     | 8.6 | 8.2  | 170                        | 170 | 170  | 0.4           | 1.8  | 1.2  | 0                               | 0    | 0    | 40                            | 40     | 40    | 140                           | 140    | 140   |
| 1489                   | ALKANANDA A/C WITH BHAGIRATHI AT DEVPRAYAG, UTTAR PRADESH                       | UTTARAKHAND   | 13.2           | 20   | 16.8 | 7.6         | 10   | 8.6  | 7.9     | 8.5 | 8.3  | 151                        | 151 | 151  | 1.2           | 2    | 1.6  | 0                               | 0    | 0    | 45                            | 45     | 45    | 330                           | 330    | 330   |
| 1060                   | GANGA AT RISHIKESH U/S, U.P   | UTTARAKHAND   | 10.6           | 21   | 16.8 | 7.4         | 9.2  | 8.6  | 7.3     | 8.2 | 7.9  |                            |     |      | 0.8           | 2.4  | 1.5  | 0                               | 0    | 0    |                               |        |       | 14                            | 110    | 32    |
| 2725                   | GANGA RIVER AFTER CONFLUENCE OF RIVER SONG NEAR SATYANARAYAN TEMPLE D/S RAIWALA | UTTARAKHAND   | 13             | 24   | 20   | 5.4         | 8    | 6.7  | 7.4     | 8.2 | 7.9  |                            |     |      | 2             | 13   | 5.5  | 0                               | 0    | 0    |                               |        |       | 300                           | 1600   | 1283  |
| 1061                   | GANGA AT HARIDWAR D/S, U.P  | UTTARAKHAND   | 19             | 19   | 19   | 5.6         | 7.8  | 6.5  | 7.5     | 8.3 | 7.8  |                            |     |      | 2.2           | 7.8  | 5.2  | 0                               | 0    | 0    |                               |        |       | 500                           | 1600   | 1245  |
| 2727                   | UPPER GANGA RIVER D/S ROORKEE   | UTTARAKHAND   | 15             | 15   | 15   | 7.2         | 8.8  | 7.9  | 7.8     | 8.3 | 8.1  |                            |     |      | 1.2           | 3    | 2.5  | 0                               | 0    | 0    |                               |        |       | 110                           | 500    | 235   |
| 1062                   | GANGA AT GARHMUKTESHWAR, U.P  | UTTAR PRADESH | 15             | 27   | 21.9 | 7           | 11.2 | 9    | 6.8     | 7.8 | 7.4  | 190                        | 480 | 273  | 2.2           | 5.2  | 2.9  | 0.4                             | 1.23 | 1    | 550                           | 1400   | 767   | 920                           | 2400   | 1402  |
| 2488                   | GANGA U/S, ANOOPSHAHAR  | UTTAR PRADESH |                |      |      |             |      |      | 7       | 7.5 | 7.4  | 171                        | 330 | 241  | 1.1           | 3.6  | 2.6  | 0                               | 0    | 0    |                               |        |       |                               |        |       |
| 2489                   | GANGA D/S, ANOOPSHAHAR  | UTTAR PRADESH |                |      |      |             |      |      | 7       | 7.5 | 7.4  | 170                        | 320 | 243  | 1.2           | 3.4  | 2.5  | 0                               | 0    | 0    |                               |        |       |                               |        |       |
| 1145                   | GANGA AT NARORA (BULANDSAHAR), U.P.   | UTTAR PRADESH |                |      |      |             |      |      | 7       | 7.5 | 7.4  | 174                        | 310 | 243  | 1.2           | 3.4  | 2.4  | 0                               | 0    | 0    |                               |        |       |                               |        |       |
| 2490                   | GANGA AT KACHHLA GHAT, ALIGARH  | UTTAR PRADESH |                |      |      |             |      |      | 7.4     | 7.5 | 7.5  | 150                        | 340 | 257  | 1.8           | 3.2  | 2.4  | 0                               | 0    | 0    |                               |        |       |                               |        |       |
| 1063                   | GANGA AT KANNAUJ U/S (RAJGHAT), U.P   | UTTAR PRADESH | 12             | 33   | 25.8 | 6.5         | 9.9  | 8.2  | 7.4     | 9.3 | 8    | 21                         | 180 | 45   | 3             | 5.4  | 4    | 0.18                            | 3.6  | 3    | 700                           | 2100   | 1210  | 2000                          | 6400   | 4075  |
| 1066                   | GANGA AT KANNAUJ D/S, U.P   | UTTAR PRADESH | 12             | 33   | 25.3 | 6.4         | 9.6  | 7.9  | 7.6     | 9.2 | 8.1  | 18                         | 183 | 44   | 2             | 5.8  | 4.2  | 0.16                            | 2.56 | 2    | 900                           | 2300   | 1569  | 2300                          | 6400   | 4638  |
| 1146                   | GANGA AT BITHOOR (KANPUR), U.P.   | UTTAR PRADESH | 12             | 33   | 25.6 | 6.4         | 10.6 | 8.5  | 7.4     | 8.7 | 8.1  | 19                         | 195 | 41   | 2.3           | 3.8  | 3.2  | 0.14                            | 2.2  | 2    | 700                           | 2100   | 1300  | 2300                          | 4300   | 3792  |
| 1067                   | GANGA AT KANPUR U/S (RANIGHAT), U.P   | UTTAR PRADESH | 12             | 33   | 25.6 | 6.1         | 10.8 | 8.3  | 7.5     | 8.7 | 8.1  | 20                         | 120 | 37   | 2.5           | 4.1  | 3.4  | 0.16                            | 2.3  | 2    | 700                           | 2500   | 1438  | 2300                          | 44500  | 6992  |
| 1068                   | GANGA AT KANPUR D/S (JAJMAU PUMPING STATION), U.P                               | UTTAR PRADESH | 12             | 33   | 25.6 | 5.4         | 8.9  | 6.8  | 7.3     | 8.7 | 8.1  | 26                         | 270 | 59   | 4             | 15.6 | 6.7  | 0.24                            | 5.44 | 3    | 8400                          | 28000  | 13292 | 40000                         | 210000 | 70462 |
| 1147                   | GANGA AT DALMAU (RAI BAREILLY), U.P.  | UTTAR PRADESH | 14             | 23   | 19.1 | 6.8         | 10.5 | 8.3  | 7.7     | 7.8 | 7.8  | 152                        | 281 | 212  | 3.2           | 3.8  | 3.6  | 0.8                             | 1.22 | 1    | 4300                          | 4900   | 4645  | 7000                          | 7900   | 7591  |
| 2498                   | GANGA AT KALA KANKAR, RAEBARELI   | UTTAR PRADESH | 14             | 24   | 19.1 | 6.9         | 10.5 | 8.4  | 7.7     | 7.8 | 7.8  | 150                        | 278 | 208  | 3             | 3.7  | 3.4  | 0.76                            | 1.02 | 1    | 4100                          | 4800   | 4400  | 6900                          | 7800   | 7355  |
| 1046                   | GANGA AT ALLAHABAD (RASOOLABAD), U.P.   | UTTAR PRADESH | 19.8           | 30.5 | 24.7 | 6.9         | 10.8 | 8.5  | 8       | 8.3 | 8.2  | 338                        | 385 | 367  | 2.5           | 4.8  | 3.6  | 2.44                            | 2.56 | 2    | 3000                          | 17000  | 5033  | 10000                         | 33000  | 21417 |
| 2487                   | GANGA AT KADAGHAT, ALLAHABAD  | UTTAR PRADESH | 19.4           | 30.2 | 24.3 | 6.8         | 10.2 | 8.4  | 7.8     | 8.3 | 8.2  | 358                        | 398 | 374  | 2.8           | 4.4  | 3.4  | 2.4                             | 2.66 | 2    | 3000                          | 140000 | 16100 | 9000                          | 32000  | 22417 |

|      |  |               |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |      |      |      |       |       |       |       |        |       |
|------|--|---------------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-------|-------|-------|-------|--------|-------|
| 1049 | GANGA AT ALLAHABAD D/S (SANGAM), U.P.                  | UTTAR PRADESH | 19.6 | 30.8 | 24.7 | 6.6 | 9.7  | 8.2 | 8.1 | 8.4 | 8.3 | 368 | 501 | 429 | 2.8 | 4.6 | 3.6 | 2.78 | 3.3  | 3    | 3100  | 21000 | 6475  | 17000 | 38000  | 24333 |
| 2485 | GANGA U/S, VINDHYACHAL, MIRZAPUR                       | UTTAR PRADESH | 14   | 32   | 26.2 | 5.5 | 11.6 | 8.8 | 7.4 | 8.2 | 7.9 | 237 | 582 | 362 | 2.2 | 3.1 | 2.6 | 1.24 | 2.56 | 2    | 490   | 2100  | 1441  | 1700  | 4600   | 3542  |
| 2486 | GANGA D/S, MIRZAPUR                                    | UTTAR PRADESH | 14   | 34   | 27.2 | 5.1 | 10.8 | 8.4 | 7.4 | 8.9 | 7.9 | 238 | 582 | 365 | 2.4 | 3.6 | 3.1 | 1.46 | 2.22 | 2    | 1100  | 4600  | 2808  | 2200  | 7000   | 4600  |
| 1070 | GANGA AT VARANASI U/S (ASSIGHAT), U.P                  | UTTAR PRADESH | 21   | 24.5 | 23.2 | 6.9 | 8.8  | 8.4 | 7.6 | 8.4 | 8.2 | 268 | 370 | 291 | 2.9 | 3.2 | 3   | 0    | 0    | 0    | 5000  | 8000  | 5500  | 7000  | 13000  | 8833  |
| 1071 | GANGA AT VARANASI D/S (MALVIYA BRIDGE), U.P            | UTTAR PRADESH | 21   | 24.5 | 23.2 | 6.4 | 8.3  | 7.9 | 7.7 | 8.7 | 8.5 | 306 | 392 | 327 | 3.3 | 5.1 | 4.6 | 0.15 | 1.98 | 1.64 | 31000 | 46000 | 34500 | 43000 | 70000  | 49500 |
| 1073 | GANGA AT TRIGHAT (GHAZIPUR), U.P                       | UTTAR PRADESH | 22   | 24.5 | 23.6 | 6.8 | 8.4  | 7.9 | 7.6 | 8.6 | 8.4 | 285 | 390 | 336 | 2.7 | 4.1 | 3.7 | 0    | 0    | 0    | 13000 | 23000 | 15167 | 17000 | 46000  | 22500 |
| 1074 | GANGA AT BUXAR, BIHAR                                  | BIHAR         | 17   | 17   | 17   | 8.6 | 8.6  | 8.6 | 8.4 | 8.4 | 8.4 | 282 | 542 | 387 | 2.7 | 2.7 | 2.7 | 0    | 0    | 0    | 1300  | 3000  | 1913  | 3000  | 9000   | 5250  |
| 2551 | GANGA AT BUXAR, RAMREKHAGHAT                           | BIHAR         | 17   | 35   | 26.5 | 7.6 | 8.2  | 7.9 | 7.6 | 8.4 | 8   | 281 | 553 | 391 | 2.6 | 2.9 | 2.7 | 0    | 0    | 0    | 2400  | 9000  | 4925  | 9000  | 24000  | 13143 |
| 1077 | GANGA AT KHURJI, PATNA U/S, BIHAR                      | BIHAR         | 9    | 32   | 24.9 | 7.5 | 8.8  | 8   | 7.8 | 8.4 | 8.1 | 265 | 437 | 341 | 2.4 | 2.7 | 2.6 | 0    | 0    | 0    | 1100  | 5000  | 2356  | 2400  | 9000   | 5378  |
| 2556 | GANGA AT INDRAPURI, DEHRI ON SONE                      | BIHAR         | 10   | 30   | 23.2 | 7.3 | 9    | 8   | 7.4 | 8.2 | 7.8 | 12  | 256 | 161 | 2   | 2.4 | 2.2 | 0    | 0    | 0    | 500   | 900   | 650   | 1300  | 2400   | 1733  |
| 2564 | GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ, CHAPRA | BIHAR         | 14   | 34   | 25.7 | 7.4 | 9.3  | 8.3 | 7.8 | 8.3 | 8.1 | 243 | 386 | 304 | 2.1 | 2.7 | 2.5 | 0    | 0    | 0    | 1300  | 2400  | 1729  | 3000  | 5000   | 3929  |
| 2552 | GANGA DARBHANGA GHAT AT PATNA                          | BIHAR         | 9    | 32   | 25.1 | 7.2 | 8.6  | 7.8 | 7.8 | 8.1 | 7.9 | 284 | 490 | 350 | 2.5 | 2.9 | 2.7 | 0    | 0    | 0    | 2400  | 9000  | 7378  | 9000  | 24000  | 19571 |
| 1079 | GANGA AT PATNA D/S (GANGA BRIDGE), BIHAR               | BIHAR         | 10   | 33   | 25.2 | 7   | 8.7  | 7.9 | 7.6 | 8.2 | 7.8 | 275 | 530 | 357 | 2.6 | 3   | 2.8 | 0    | 0    | 0    | 3000  | 9000  | 5222  | 9000  | 24000  | 14143 |
| 2555 | GANGA AT PUNPUN, PATNA                                 | BIHAR         | 8.4  | 33   | 25.7 | 7   | 8.7  | 7.7 | 7.3 | 8.4 | 7.9 | 285 | 756 | 444 | 2.5 | 8.7 | 4   | 0    | 0    | 0    | 700   | 2400  | 1713  | 1700  | 5000   | 3463  |
| 2553 | GANGA AT FATUHA  | BIHAR         | 8    | 33   | 25.3 | 7.5 | 8.7  | 8.1 | 7.6 | 8.2 | 7.8 | 267 | 429 | 351 | 2.4 | 2.7 | 2.5 | 0    | 0    | 0    | 1100  | 3000  | 2300  | 2800  | 9000   | 6700  |
| 1817 | GANGA AT MOKAMA (U/S)                                  | BIHAR         | 11   | 28   | 24.1 | 6.1 | 8.8  | 7.9 | 7.8 | 8.2 | 8   | 279 | 310 | 288 | 2.4 | 2.6 | 2.5 | 0    | 0    | 0    | 1100  | 1700  | 1410  | 2200  | 5000   | 3280  |
| 1815 | GANGA AT MOKAMA (D/S)                                  | BIHAR         | 11   | 28   | 24.5 | 5.9 | 8.6  | 7.8 | 7.6 | 8.1 | 7.9 | 310 | 346 | 330 | 2.4 | 2.9 | 2.8 | 0    | 0    | 0    | 3000  | 9000  | 5000  | 9000  | 16000  | 14250 |
| 1818 | GANGA AT MUNGER  | BIHAR         | 21   | 30   | 26.1 | 5.8 | 8.5  | 7.6 | 7.6 | 8   | 7.9 | 260 | 336 | 286 | 2.4 | 2.7 | 2.5 | 0    | 0    | 0    | 1100  | 3000  | 1645  | 2400  | 5000   | 3455  |
| 2554 | GANGA AT SULTANGANJ, BHAGALPUR                         | BIHAR         | 22   | 30   | 26.1 | 5.9 | 8.5  | 7.8 | 7.6 | 8   | 7.8 | 256 | 332 | 287 | 2.4 | 2.7 | 2.6 | 0    | 0    | 0    | 800   | 3000  | 1418  | 2400  | 5000   | 3200  |
| 1819 | GANGA AT BHAGALPUR                                     | BIHAR         | 17   | 28   | 25.2 | 5.9 | 8.5  | 7.6 | 7.7 | 8   | 7.8 | 279 | 383 | 303 | 2.4 | 2.8 | 2.7 | 0    | 0    | 0    | 2200  | 3000  | 2673  | 5000  | 9000   | 6818  |
| 1816 | GANGA AT KAHALGAON                                     | BIHAR         | 19   | 28   | 25.3 | 6   | 8.6  | 7.8 | 7.8 | 8.1 | 8   | 232 | 332 | 263 | 2.5 | 2.9 | 2.7 | 0    | 0    | 0    | 2200  | 5000  | 3055  | 5000  | 9000   | 7909  |
| 3113 | GANGA AT D/S BUXAR NEAR GANGA BRIDGE                   | BIHAR         | 17   | 34   | 26.3 | 7.4 | 8.4  | 8   | 7.5 | 8.4 | 8   | 283 | 553 | 383 | 2.5 | 2.8 | 2.6 | 0    | 0    | 0    | 1100  | 5000  | 2750  | 3000  | 16000  | 9500  |
| 3114 | GANGA RIVER NEAR DANAPUR (NEAR PIPAPUL)                | BIHAR         | 9    | 32   | 24.8 | 7.3 | 8.3  | 8   | 7.5 | 8.3 | 8   | 268 | 460 | 336 | 2.4 | 2.7 | 2.6 | 0    | 0    | 0    | 1100  | 3000  | 1889  | 2400  | 16000  | 6378  |
| 3115 | GANGA RIVER AT BARH                                    | BIHAR         | 18   | 30   | 25.2 | 5.9 | 8.8  | 7.9 | 7.6 | 8.1 | 8   | 262 | 330 | 285 | 2.2 | 2.5 | 2.4 | 0    | 0    | 0    | 700   | 1400  | 1309  | 1700  | 3500   | 2927  |
| 3116 | GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)        | BIHAR         | 21   | 30   | 26.5 | 6.1 | 8.6  | 7.8 | 7.8 | 8.1 | 8   | 258 | 320 | 275 | 2.2 | 2.6 | 2.4 | 0    | 0    | 0    | 700   | 1700  | 1191  | 1700  | 5000   | 2718  |
| 3117 | GANGA AT U/S SULTANGANJ                                | BIHAR         | 22   | 29   | 26   | 6   | 8.6  | 7.8 | 7.6 | 8.1 | 7.9 | 268 | 328 | 287 | 2.4 | 2.6 | 2.5 | 0    | 0    | 0    | 900   | 2200  | 1245  | 2200  | 3000   | 2555  |
| 3118 | GANGA AT U/S BHAGALPUR                                 | BIHAR         | 17   | 28   | 25.1 | 6   | 8.5  | 7.7 | 7.8 | 8   | 7.9 | 265 | 362 | 298 | 2.4 | 2.8 | 2.6 | 0    | 0    | 0    | 800   | 1700  | 1355  | 2400  | 5000   | 3164  |
| 3122 | GANGA AT MALSALAMI, PATNA                              | BIHAR         | 10   | 33   | 25.3 | 7.5 | 8.8  | 8   | 7.7 | 8.2 | 7.9 | 289 | 438 | 354 | 2.4 | 2.7 | 2.6 | 0    | 0    | 0    | 900   | 3000  | 1722  | 2400  | 9000   | 4822  |
| 3123 | GANGA RIVER AT BARAHIA                                 | BIHAR         | 26   | 29   | 27.2 | 6   | 8.5  | 7.5 | 7.6 | 8.1 | 8   | 276 | 318 | 287 | 2   | 2.6 | 2.4 | 0    | 0    | 0    | 800   | 1300  | 1083  | 2200  | 3000   | 2700  |
| 1080 | GANGA AT BAHARAMPORE WEST BENGAL                       | WEST BENGAL   | 20   | 32   | 26.5 | 6   | 11   | 7.4 | 7.4 | 7.8 | 7.6 | 230 | 358 | 295 | 4.5 | 6.9 | 5.6 | 0.77 | 1.26 | 1    | 1     | 90000 | 15071 | 400   | 160000 | 28547 |

|      |   |             |    |      |      |     |      |     |     |     |     |     |      |      |     |     |     |       |      |   |       |         |        |        |         |         |
|------|---|-------------|----|------|------|-----|------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-------|------|---|-------|---------|--------|--------|---------|---------|
| 2511 | NABADIP ON GANGA, GHOSH PARA NEAR MONIPURGHAT | WEST BENGAL | 16 | 32   | 27.7 | 5.5 | 10.6 | 7.1 | 7.2 | 8   | 7.5 | 212 | 339  | 296  | 1.6 | 5.9 | 3.4 | 0.78  | 1.55 | 1 | 700   | 50000   | 14344  | 1100   | 90000   | 26306   |
| 2506 | TRIBENI ON GANGA, NEAR BURNING GHAT           | WEST BENGAL | 18 | 32   | 27.1 | 4.9 | 9.3  | 6.6 | 7.6 | 8.3 | 8   | 213 | 357  | 284  | 1   | 4.3 | 2   | 0.427 | 2.56 | 2 | 200   | 130000  | 31038  | 400    | 170000  | 42482   |
| 1054 | GANGA AT PALTA, WEST BENGAL                   | WEST BENGAL | 18 | 52   | 29.3 | 5.4 | 9.8  | 7.1 | 6.9 | 7.9 | 7.5 | 219 | 359  | 288  | 2.3 | 5.1 | 3.5 | 0.41  | 1.02 | 1 | 1     | 500000  | 146000 | 26000  | 900000  | 248588  |
| 1472 | GANGA AT SERAMPORE, WEST BENGAL               | WEST BENGAL | 17 | 32   | 26.8 | 3.9 | 9    | 5.8 | 7.1 | 8.2 | 7.7 | 233 | 413  | 309  | 1.8 | 6   | 3.8 | 0.387 | 5.66 | 4 | 8000  | 500000  | 253188 | 11000  | 900000  | 381824  |
| 1053 | GANGA AT DAKSHMINESWAR, WEST BENGAL           | WEST BENGAL | 16 | 32   | 26.7 | 4   | 8.5  | 5.9 | 7.6 | 8.1 | 7.8 | 208 | 398  | 292  | 1.1 | 6.6 | 3.9 | 0.11  | 1.02 | 1 | 70000 | 1100000 | 425313 | 85000  | 4500000 | 1075588 |
| 1471 | GANGA AT HOWRAH-SHIVPUR, WEST BENGAL          | WEST BENGAL | 19 | 30   | 25.9 | 4.4 | 7.4  | 6   | 7.2 | 8.1 | 7.7 | 234 | 425  | 304  | 0.8 | 5.8 | 3.5 | 0.3   | 1.55 | 1 | 1     | 700000  | 237059 | 110000 | 4500000 | 855882  |
| 1470 | GANGA AT GARDEN REACH, WEST BENGAL            | WEST BENGAL | 20 | 30   | 25.6 | 4.5 | 8.5  | 6.1 | 7.7 | 8.2 | 7.9 | 230 | 408  | 301  | 1.8 | 7.5 | 4   | 0.09  | 2.56 | 2 | 1     | 650000  | 300294 | 165000 | 2500000 | 942941  |
| 1052 | GANGA AT ULUBERIA, WEST BENGAL                | WEST BENGAL | 15 | 30   | 25.7 | 3.6 | 8.8  | 5.4 | 7.2 | 8.1 | 7.7 | 249 | 412  | 314  | 0.6 | 8.4 | 3.3 | 0.1   | 1.44 | 1 | 4000  | 220000  | 69500  | 11000  | 500000  | 189706  |
| 1469 | GANGA AT DIAMOND HARBOUR, WEST BENGAL         | WEST BENGAL | 18 | 31.5 | 26.7 | 4.7 | 8.6  | 6.3 | 7.4 | 8   | 7.8 | 240 | 6270 | 1437 | 0.6 | 4.3 | 2.5 | 0.25  | 1.25 | 1 | 1     | 170000  | 32824  | 7000   | 500000  | 99647   |



## WATER QUALITY DATA 2013 | CPCB ENVIS

## WATER QUALITY OF RIVER GODAVARI - 2013

| STATION<br>CODE        | LOCATIONS   | STATE          | TEMPERATURE °C |     |      | D.O. (mg/l) |     |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |      |      | B.O.D. (mg/l) |     |      | NITRATE- N+<br>NITRITE-N (mg/l) |      |      | FECAL COLIFORM<br>(MPN/100ml) |     |      | TOTAL COLIFORM<br>(MPN/100ml) |      |      |
|------------------------|---|----------------|----------------|-----|------|-------------|-----|------|---------|-----|------|----------------------------|------|------|---------------|-----|------|---------------------------------|------|------|-------------------------------|-----|------|-------------------------------|------|------|
|                        |   |                | Min            | Max | Mean | Min         | Max | Mean | Min     | Max | Mean | Min                        | Max  | Mean | Min           | Max | Mean | Min                             | Max  | Mean | Min                           | Max | Mean | Min                           | Max  | Mean |
| WATER QUALITY CRITERIA |   |                |                |     |      | > 4 mg/l    |     |      | 6.5-8.5 |     |      |                            |      |      | < 3 mg/l      |     |      |                                 |      |      | < 2500 MPN/100ml              |     |      | < 5000 MPN/100ml              |      |      |
| 1312                   | GODAVARI AT JAYAKWADI DAM,<br>AURNAGABAD,MAHARASHTRA                                    | MAHARASHTRA    | 28             | 31  | 29.2 | 5.9         | 7   | 6.4  | 7.6     | 8.7 | 8.1  | 412                        | 1443 | 735  | 2             | 5   | 3.4  | 1.8                             | 2    | 2    | 2                             | 3   | 3    | 60                            | 90   | 73   |
| 2177                   | GODAVARI RIVER NEAR SOMESHWAR<br>TEMPLE.  | MAHARASHTRA    | 23             | 28  | 24.5 | 4.9         | 7   | 6    | 7.4     | 8.3 | 8    | 163                        | 403  | 270  | 2.4           | 5   | 3.1  | 1.648                           | 2    | 2    | 33                            | 170 | 72   | 110                           | 340  | 182  |
| 2182                   | GODAVARI RIVER AT SAIKHEDA.   | MAHARASHTRA    | 23             | 28  | 25.8 | 4.5         | 6.5 | 5.5  | 7.5     | 8   | 7.8  | 263                        | 507  | 355  | 2.8           | 5.5 | 4.2  | 8.096                           | 10   | 9    | 21                            | 170 | 59   | 90                            | 210  | 133  |
| 2179                   | GODAVARI RIVER AT HANUMAN GHAT, NASHIK<br>CITY.   | MAHARASHTRA    | 23             | 30  | 24.8 | 4.1         | 6.7 | 5.5  | 7.4     | 8.2 | 7.8  | 166                        | 545  | 371  | 2.6           | 12  | 5.6  | 1.004                           | 7    | 3.55 | 33                            | 300 | 90   | 90                            | 900  | 283  |
| 2183                   | GODAVARI RIVER AT NANDUR- MADMESHWAR<br>DAM.  | MAHARASHTRA    | 25             | 27  | 25.7 | 4.4         | 7   | 5.7  | 7.7     | 8.2 | 7.9  | 191                        | 369  | 294  | 2.4           | 3.6 | 3.2  | 0.663                           | 3    | 2.69 | 17                            | 110 | 45   | 40                            | 350  | 132  |
| 2181                   | GODAVARI RIVER AT KAPILA- GODAVARI<br>CONFLUENCE POINT, TAPOVAN.                        | MAHARASHTRA    | 23             | 30  | 25   | 2.6         | 6.1 | 4.5  | 7       | 8.2 | 7.5  | 440                        | 655  | 513  | 3.8           | 22  | 12.6 | 0                               | 4    | 2.3  | 33                            | 350 | 131  | 110                           | 900  | 320  |
| 2180                   | GODAVARI RIVER NEAR TAPOVAN.  | MAHARASHTRA    | 24             | 29  | 24.8 | 3.9         | 6.5 | 5.2  | 7.3     | 8.2 | 7.7  | 365                        | 576  | 475  | 2.8           | 18  | 10.3 | 0                               | 4    | 1.9  | 40                            | 300 | 122  | 140                           | 900  | 343  |
| 1096                   | GODAVARI AT PANCHAVATI AT<br>RAMKUND,MAHARASHTRA  | MAHARASHTRA    | 24             | 30  | 26.3 | 4.5         | 6.9 | 5.6  | 7.4     | 8   | 7.7  | 242                        | 528  | 385  | 2.6           | 6   | 3.8  | 0                               | 2    | 1    | 110                           | 110 | 110  | 210                           | 350  | 292  |
| 1211                   | GODAVARI AT NASIK D/S, MAHARASHTRA  | MAHARASHTRA    | 24             | 30  | 26.5 | 4.2         | 6.5 | 5.2  | 7.4     | 8.1 | 7.8  | 318                        | 536  | 410  | 3.2           | 8   | 5.2  | 0                               | 3    | 1.5  | 21                            | 140 | 77   | 90                            | 350  | 218  |
| 1095                   | GODAVARI AT U/S OF GANGAPUR<br>DAM,NASIK,MAHARASHTRA                                    | MAHARASHTRA    | 24             | 31  | 26   | 5.7         | 7   | 6.5  | 7.3     | 8.1 | 7.8  | 158                        | 199  | 178  | 2             | 3   | 2.5  | 1.073                           | 2.03 | 1.99 | 11                            | 33  | 22   | 22                            | 140  | 74   |
| 2160                   | GODAVARI RIVER AT U/S OF AURANGABAD<br>RESERVOIR, KAIGAON TOKKA NEAR KAIGAON<br>BRIDGE. | MAHARASHTRA    | 28             | 32  | 29.2 | 5.5         | 6.9 | 6.2  | 7.2     | 8.4 | 7.9  | 366                        | 1091 | 749  | 2             | 4.2 | 3.5  | 1.5                             | 2    | 1.75 | 2                             | 3   | 2    | 70                            | 90   | 80   |
| 2158                   | GODAVARI RIVER AT U/S OF PAITHAN AT<br>PAITHAN INTAKE PUMP HOUSE AT<br>JAYAKWADI        | MAHARASHTRA    | 28             | 32  | 29.5 | 6.1         | 6.7 | 6.4  | 7.8     | 8.1 | 8    | 512                        | 1279 | 834  | 3             | 6   | 4.7  | 1.6                             | 2    | 1.8  | 2                             | 3   | 2    | 70                            | 90   | 77   |
| 2159                   | GODAVARI RIVER AT D/S OF PAITHAN AT<br>PATHEGAON BRIDGE.                                | MAHARASHTRA    | 28             | 32  | 30.2 | 5.6         | 6.8 | 6.2  | 7.5     | 8.2 | 8    | 536                        | 2075 | 925  | 2             | 6.2 | 4.2  | 6.6                             | 7    | 6.9  | 2                             | 3   | 2    | 70                            | 90   | 82   |
| 2161                   | GODAVARI RIVER AT JALNA INTAKE WATER<br>PUMP HOUSE, SHAHABAD.                           | MAHARASHTRA    | 22             | 30  | 26.7 | 5.9         | 7.1 | 6.5  | 7.6     | 8.4 | 8    | 459                        | 943  | 730  | 3             | 5   | 4    | 2.5                             | 3    | 2.9  | 2                             | 3   | 2    | 70                            | 90   | 78   |
| 12                     | GODAVARI AT DHALEGAON, MAHARASHTRA  | MAHARASHTRA    | 25             | 29  | 27.2 | 6           | 7   | 7    | 7.1     | 8.2 | 7.9  | 399                        | 895  | 637  | 2.1           | 12  | 4.7  | 6.3                             | 7    | 6.5  | 2                             | 3   | 2    | 70                            | 90   | 80   |
| 1209                   | GODAVARI AT RAHER, MAHARASHTRA  | MAHARASHTRA    | 24             | 38  | 29.7 | 5.8         | 6.9 | 6.4  | 7.6     | 8.4 | 8    | 468                        | 987  | 656  | 3             | 5   | 3.6  | 1.7                             | 2    | 1.8  | 2                             | 3   | 3    | 60                            | 90   | 82   |
| 2157                   | GODAVARI RIVER AT LATUR WATER INTAKE<br>NEAR PUMP HOUSE AT DHAMEGAON.                   | MAHARASHTRA    | 20             | 37  | 26   | 6           | 7   | 6.6  | 7.8     | 8.4 | 8.1  | 408                        | 866  | 601  | 2             | 5.2 | 3.2  | 6.3                             | 7    | 6.75 | 2                             | 3   | 2    | 70                            | 90   | 80   |
| 2360                   | GODAVARI AT BASARA, ADILABAD  | ANDHRA PRADESH | 26             | 30  | 28   | 5.2         | 5.8 | 5.5  | 7.8     | 8.4 | 8.1  | 420                        | 1464 | 826  | 1.2           | 2.2 | 1.7  | 1                               | 2    | 1    | 10                            | 55  | 27   | 120                           | 285  | 161  |
| 2361                   | GODAVARI AT MANCHERIAL, NEAR RLY BDG<br>B/C OF RALLAVAGU                                | ANDHRA PRADESH | 31             | 31  | 31   | 6.6         | 7.2 | 6.9  | 8.4     | 9.6 | 9    | 477                        | 575  | 526  | 12            | 12  | 12   | 0                               | 0    | 0    | 90                            | 170 | 130  | 220                           | 350  | 285  |
| 2362                   | GODAVARI AT RAMAGUNDAM D/S, NEAR FCI<br>INTAKE WELL, KARIMNAGAR                         | ANDHRA PRADESH | 30             | 30  | 30   | 5.6         | 5.8 | 5.7  | 8.3     | 8.7 | 8.5  | 568                        | 581  | 575  | 10            | 16  | 13   | 0                               | 0    | 0    | 240                           | 240 | 240  | 500                           | 900  | 700  |
| 2363                   | GODAVARI AT GODAVARIKHANI, NEAR<br>BATHING GHAT, KARIMNAGAR                             | ANDHRA PRADESH | 30             | 31  | 30.5 | 3.1         | 3.3 | 3.2  | 8.4     | 9.1 | 8.8  | 739                        | 867  | 803  | 12            | 18  | 15   | 0                               | 0    | 0    | 500                           | 500 | 500  | 900                           | 1600 | 1250 |

|      |  |                |    |    |      |     |     |     |     |     |     |     |      |     |     |     |      |      |   |      |     |     |     |      |       |      |
|------|--|----------------|----|----|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|------|---|------|-----|-----|-----|------|-------|------|
| 2364 | GODAVARI AT RAMAGUNDAM U/S ,<br>KARIMNAGAR                                   | ANDHRA PRADESH | 30 | 31 | 30.5 | 6.3 | 7   | 6.7 | 8.3 | 9.7 | 9   | 488 | 574  | 531 | 10  | 15  | 12.5 | 0    | 0 | 0    | 90  | 170 | 130 | 350  | 500   | 425  |
| 2356 | GODAVARI, D/S OF RAMANUGUNDAM,   | ANDHRA PRADESH | 29 | 29 | 29   | 4.4 | 4.4 | 4.4 | 8.5 | 8.5 | 8.5 | 656 | 656  | 656 | 13  | 13  | 13   | 0    | 0 | 0    | 300 | 300 | 300 | 500  | 500   | 500  |
| 2365 | GODAVARI AT KAMALPUR U/S M/S AP RAYONS<br>LTD. INTAKE WELL, WARANGAL         | ANDHRA PRADESH | 30 | 30 | 30   | 5.2 | 6.9 | 6.1 | 8.3 | 8.4 | 8.4 | 415 | 421  | 418 | 5   | 8   | 6.5  | 0    | 0 | 0    | 300 | 300 | 300 | 500  | 500   | 500  |
| 2366 | GODAVARI AT KAMALPUR D/S AT M/S. AP<br>RAYONS LTD. DISCHARGE POINT, WARANGAL | ANDHRA PRADESH | 29 | 30 | 29.5 | 6.5 | 6.7 | 6.6 | 8.2 | 8.2 | 8.2 | 409 | 433  | 421 | 4   | 4   | 4    | 0    | 0 | 0    | 280 | 280 | 280 | 500  | 900   | 700  |
| 13   | GODAVARI AT MANCHERIAL, A.P.   | ANDHRA PRADESH | 29 | 30 | 29.5 | 4.1 | 4.1 | 4.1 | 8.4 | 9.8 | 9.1 | 467 | 568  | 518 | 11  | 22  | 16.5 | 0    | 0 | 0    | 240 | 240 | 240 | 900  | 900   | 900  |
| 2367 | GODAVARI AT BHADRACHALAM U/S BATHING<br>GHAT, KHAMMAM                        | ANDHRA PRADESH | 19 | 21 | 20   | 5.4 | 6.5 | 6   | 7.5 | 8.6 | 8.1 | 381 | 528  | 443 | 0.3 | 0.3 | 0.3  | 0.3  | 1 | 1    | 2   | 2   | 2   | 400  | 900   | 640  |
| 2368 | GODAVARI AT BHADRACHALAM D/S BATHING<br>GHAT, KHAMMAM                        | ANDHRA PRADESH | 20 | 21 | 20.2 | 5.1 | 6.3 | 5.6 | 7.6 | 8.2 | 8   | 394 | 563  | 462 | 0.6 | 1.4 | 0.8  | 0.28 | 1 | 1    | 2   | 4   | 3   | 1200 | 21000 | 5280 |
| 2369 | GODAVARI AT BURGAMPAHAD, KHAMMAM   | ANDHRA PRADESH | 19 | 21 | 19.8 | 5.8 | 6.6 | 6.1 | 7.1 | 8.6 | 7.9 | 626 | 696  | 666 | 1   | 2   | 1.8  | 0.42 | 1 | 0.84 | 2   | 2   | 2   | 1100 | 1200  | 1160 |
| 2370 | GODAVARI AT RAJAMUNDRY U/S OF NALLA<br>CHANNEL                               | ANDHRA PRADESH | 26 | 27 | 26.6 | 5.6 | 6.2 | 5.8 | 6.4 | 7.2 | 6.9 | 256 | 327  | 290 | 1.2 | 1.2 | 1.2  | 0.94 | 3 | 2.4  | 3   | 93  | 48  | 240  | 1100  | 628  |
| 14   | GODAVARI AT POLAVARAM, A.P.  | ANDHRA PRADESH | 27 | 27 | 27   | 5.6 | 7.4 | 6.2 | 7.5 | 7.8 | 7.7 | 289 | 518  | 380 | 1.2 | 1.2 | 1.2  | 1.05 | 2 | 1.56 |     |     |     | 39   | 240   | 170  |
| 1218 | GODAVARI AT RAJAHMUNDRY U/S, A.P.  | ANDHRA PRADESH | 25 | 28 | 26.6 | 5.6 | 6.8 | 6.1 | 6.7 | 7.9 | 7.4 | 244 | 1815 | 480 | 1.2 | 1.6 | 1.3  | 0.82 | 2 | 1.98 | 3   | 3   | 3   | 75   | 1100  | 432  |
| 2371 | GODAVARI AT RAJAMUNDRY D/S OF NALLA<br>CHANNEL                               | ANDHRA PRADESH | 26 | 27 | 26.8 | 5.8 | 6.2 | 5.9 | 6.8 | 7.4 | 7   | 225 | 390  | 315 | 1.2 | 1.2 | 1.2  | 1.07 | 2 | 1.29 | 3   | 93  | 23  | 1100 | 1100  | 1100 |

## WATER QUALITY DATA 2013 | CPCB ENVIS

## WATER QUALITY OF RIVER KRISHNA - 2013

| STATION<br>CODE        | LOCATIONS  | STATE          | TEMPERATURE °C |      |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |      |      | B.O.D. (mg/l) |     |      | NITRATE- N+<br>NITRITE-N (mg/l) |      |      | FECAL COLIFORM<br>(MPN/100ml) |      |      | TOTAL COLIFORM<br>(MPN/100ml) |      |      |
|------------------------|--|----------------|----------------|------|------|-------------|------|------|---------|-----|------|----------------------------|------|------|---------------|-----|------|---------------------------------|------|------|-------------------------------|------|------|-------------------------------|------|------|
|                        |  |                | Min            | Max  | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max  | Mean | Min           | Max | Mean | Min                             | Max  | Mean | Min                           | Max  | Mean | Min                           | Max  | Mean |
| WATER QUALITY CRITERIA |  |                |                |      |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |      |      | < 3 mg/l      |     |      |                                 |      |      | < 2500 MPN/100ml              |      |      | < 5000 MPN/100ml              |      |      |
| 1194                   | KRISHNA AT MAHABALESHWAR DHOM DAM<br>NEAR KOINA DAM,MAHARASHTRA            | MAHARASHTRA    | 22.5           | 28.4 | 24.1 | 5.8         | 6.2  | 5.9  | 7.8     | 8.8 | 8.4  | 108                        | 192  | 144  | 3.4           | 6.2 | 4.4  | 0.16                            | 1.02 | 1    | 9                             | 40   | 24   | 120                           | 275  | 201  |
| 1153                   | KRISHNA AT RAJAPUR WEIR, MAHARASHTRA                                       | MAHARASHTRA    | 26             | 32   | 29.7 | 6.6         | 7.4  | 6.9  | 7.1     | 8.1 | 7.8  | 136                        | 527  | 273  | 1.8           | 4   | 3.2  | 2.39                            | 2.86 | 2.74 | 2                             | 6    | 4    | 80                            | 120  | 107  |
| 36                     | KRISHNA AT KRISHNA BRIDGE, KARAD,<br>MAHARASHTRA                           | MAHARASHTRA    | 22             | 25.4 | 23.7 | 5.7         | 5.9  | 5.8  | 7.9     | 8.8 | 8.5  | 133                        | 238  | 192  | 4.2           | 7.4 | 5.9  | 0.53                            | 1.05 | 0.89 | 80                            | 425  | 265  | 900                           | 1800 | 1500 |
| 1906                   | KRISHNA D/S OF ISLAMPUR  | MAHARASHTRA    | 20             | 27   | 25.2 | 5.8         | 7.5  | 6.7  | 7.6     | 8.6 | 8.1  | 199                        | 418  | 273  | 2             | 8.2 | 4.1  | 1.33                            | 4    | 3.22 | 2                             | 4    | 4    | 80                            | 130  | 115  |
| 37                     | KRISHNA AT SANGLI, MAHARASHTRA   | MAHARASHTRA    | 22             | 28   | 24.5 | 6.1         | 6.9  | 6.6  | 7.5     | 8.5 | 8    | 196                        | 892  | 409  | 2.4           | 6.4 | 4    | 2.45                            | 3    | 2.87 | 2                             | 6    | 4    | 110                           | 140  | 123  |
| 1310                   | KRISHNA AT KURUNDWAD IN<br>KOLHAPUR,MAHARASHTRA                            | MAHARASHTRA    | 25             | 32   | 30.2 | 6.4         | 7.4  | 6.9  | 7.5     | 8.2 | 7.8  | 133                        | 597  | 252  | 2             | 4.8 | 3.7  | 2.54                            | 3.88 | 3    | 4                             | 6    | 5    | 90                            | 140  | 118  |
| 2187                   | KRISHNA RIVER AT KSHETRA MAHULI.   | MAHARASHTRA    | 20.9           | 23   | 21.7 | 5.6         | 5.9  | 5.8  | 8.2     | 9.1 | 8.6  | 280                        | 518  | 368  | 4             | 6.4 | 5.2  | 0.38                            | 1    | 0.69 | 95                            | 350  | 236  | 900                           | 1800 | 1583 |
| 2188                   | KRISHNA RIVER AT KRISHNA-VENNA SANGAM<br>AT MAHULI.                        | MAHARASHTRA    | 20.2           | 21.9 | 21.1 | 5           | 6    | 5.6  | 8.1     | 8.8 | 8.4  | 173                        | 502  | 351  | 4.6           | 7.6 | 6    | 0.22                            | 4    | 3.04 | 120                           | 350  | 212  | 900                           | 1800 | 1617 |
| 2190                   | KRISHNA RIVER AT WAI.  | MAHARASHTRA    | 22             | 28.7 | 23.8 | 2.8         | 5.8  | 5.1  | 8.2     | 9   | 8.6  | 258                        | 586  | 387  | 3.6           | 8.6 | 6.1  | 0.24                            | 5    | 3.23 | 70                            | 350  | 225  | 900                           | 1800 | 1583 |
| 1182                   | KRISHNA AT U/S OF UGARKHURD<br>BARRAGE,KARNATAKA                           | KARNATAKA      | 24             | 33   | 28   | 5.9         | 11.4 | 7.5  | 7.5     | 8.9 | 8.1  | 230                        | 1780 | 927  | 0.5           | 2.6 | 1.7  | 7.11                            | 8    | 7.75 | 12                            | 900  | 408  | 22                            | 1600 | 1038 |
| 1889                   | KRISHNA - ANKALI BRIDGE ALONG CHIKKODI<br>KAGWAD ROAD                      | KARNATAKA      | 23             | 32   | 27.3 | 5.6         | 11.7 | 7.9  | 7.3     | 9.1 | 8    | 250                        | 1300 | 705  | 0.9           | 2.5 | 1.6  | 0                               | 26   | 18.6 | 22                            | 900  | 572  | 50                            | 1600 | 1088 |
| 1181                   | KRISHNA AT D/S OF NARAYANPURA<br>DAM,KARNATAKA                             | KARNATAKA      | 28             | 29   | 28.5 | 5           | 5.8  | 5.2  | 7.5     | 9.5 | 8.2  | 230                        | 780  | 512  | 0.5           | 3.2 | 1.6  | 0                               | 14   | 5.66 | 6                             | 900  | 418  | 12                            | 1600 | 827  |
| 1170                   | KRISHNA AT D/S OF DEVASAGAR<br>BDG.,KARNATAKA                              | KARNATAKA      | 28             | 32   | 29.4 | 6           | 7.6  | 7.1  | 8.2     | 8.7 | 8.4  | 376                        | 828  | 678  | 1             | 2   | 1.7  | 0.42                            | 0    | 1    | 170                           | 900  | 706  | 500                           | 1600 | 1288 |
| 1028                   | KRISHNA AT TINTINI BRIDGE, KARNATAKA                                       | KARNATAKA      | 26             | 34   | 29.8 | 6.6         | 7.8  | 7.3  | 7.7     | 8.3 | 7.7  | 359                        | 753  | 633  | 1             | 2   | 1.8  | 0.432                           | 1.64 | 1    | 70                            | 1600 | 623  | 220                           | 1600 | 1220 |
| 2781                   | KRISHNA AT D/S OF ALAMATTI DAM,<br>KARNATAKA                               | KARNATAKA      | 28             | 29.5 | 28.5 | 4.9         | 5.9  | 5.2  | 7.1     | 9.4 | 8.2  | 240                        | 690  | 488  | 0.7           | 3.3 | 1.6  | 0                               | 0    | 0    | 7                             | 900  | 407  | 12                            | 1600 | 1014 |
| 1784                   | THANGADI , MAHABOONAGAR DIST., A.P   | ANDHRA PRADESH | 29             | 30   | 29.5 | 6.4         | 6.8  | 6.6  | 8.4     | 8.4 | 8.4  | 688                        | 758  | 723  | 13            | 14  | 13.5 | 0                               | 0    | 0    | 90                            | 170  | 130  | 220                           | 350  | 285  |
| 1175                   | KRISHNA AFTER CONFL. WITH<br>TUNGABHADRA, SANGAMESHWARAM A.P.              | ANDHRA PRADESH | 23             | 29   | 25.4 | 6.1         | 6.2  | 6.2  | 7.5     | 8.5 | 8    | 390                        | 600  | 479  | 2.4           | 2.8 | 2.6  | 4.3                             | 6    | 5.56 | 60                            | 150  | 128  | 180                           | 1200 | 956  |
| 39                     | KRISHNA AT GADWAL BRIDGE, A.P.   | ANDHRA PRADESH | 29             | 30   | 29.5 | 6.2         | 6.9  | 6.6  | 8.3     | 8.5 | 8.4  | 675                        | 869  | 772  | 9             | 12  | 10.5 | 0                               | 0    | 0    | 90                            | 170  | 130  | 500                           | 500  | 500  |
| 1465                   | KRISHNA AT WADAPALLY AFTER CONFL. WITH<br>R. MUSI, A.P.(SHIFTED FROM 1220) | ANDHRA PRADESH | 25             | 30   | 27.8 | 5.1         | 6.1  | 5.8  | 8.4     | 9   | 8.7  | 516                        | 2098 | 1399 | 0.8           | 4   | 2.3  | 0.5                             | 1    | 1    | 20                            | 230  | 117  | 155                           | 240  | 199  |
| 1786                   | VEDADRI , GUNTUR DIST., A.P  | ANDHRA PRADESH | 19             | 22   | 20.6 | 6           | 6.8  | 6.3  | 7.5     | 8.5 | 8    | 648                        | 875  | 753  | 0.7           | 0.8 | 0.8  | 0.31                            | 1    | 1    | 2                             | 2    | 2    | 1100                          | 1200 | 1160 |
| 1787                   | AMARAVATI , GUNTUR DIST., A.P  | ANDHRA PRADESH | 25             | 27   | 26   | 6.2         | 7.5  | 6.8  | 7.1     | 9.2 | 8    | 607                        | 865  | 727  | 0.4           | 0.8 | 0.7  | 0.52                            | 1    | 1    | 2                             | 2    | 2    | 900                           | 1200 | 1100 |
| 25                     | KRISHNA AT VIJAYWADA, A.P.   | ANDHRA PRADESH | 17             | 23   | 20   | 6           | 6.4  | 6.2  | 7.4     | 8.4 | 7.9  | 689                        | 787  | 741  | 0.8           | 1.2 | 1    | 0.36                            | 1    | 1    | 2                             | 2    | 2    | 900                           | 1200 | 1100 |

|      |   |                |    |    |      |     |     |     |     |     |     |      |      |      |     |     |     |      |   |   |    |     |    |      |      |      |
|------|---|----------------|----|----|------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|------|---|---|----|-----|----|------|------|------|
| 3079 | D/S OF RIVER KRISHNA A/C WITH TREATED SEWAGE DISCHARGING FROM 10MLD STP LOCATED AT RAMALINGESHWARNAGAR, VIJAYAWADA, KRISHNA, A.P. | ANDHRA PRADESH | 18 | 18 | 18   | 3.3 | 3.3 | 3.3 | 6.8 | 6.8 | 6.8 | 1634 | 1634 | 1634 | 1   | 1   | 1   | 0.86 | 1 | 1 | 2  | 2   | 2  | 1200 | 1200 | 1200 |
| 3083 | KRISHNA D/S OF SRISHAILAM, KURNOOL, A.P.  | ANDHRA PRADESH | 25 | 26 | 25.6 | 5.8 | 6   | 5.9 | 7.1 | 7.6 | 7.4 | 350  | 410  | 375  | 2   | 2.1 | 2   | 0    | 4 | 2 | 90 | 110 | 98 | 180  | 1000 | 796  |
|      | <b>ESTUARINE ZONE</b>   |                |    |    |      |     |     |     |     |     |     |      |      |      |     |     |     |      |   |   |    |     |    |      |      |      |
| 1782 | HAMSALA DEEVI, GUNTUR DIST, A.P   | ANDHRA PRADESH | 18 | 21 | 20.2 | 5.6 | 6.2 | 6   | 7.5 | 8.5 | 8.1 | 676  | 858  | 741  | 0.8 | 1   | 0.9 | 0.44 | 1 | 1 | 2  | 2   | 2  | 400  | 1100 | 740  |

**WATER QUALITY DATA 2013 | CPCB ENVIS**  
**WATER QUALITY OF RIVER MAHANADI & ITS TRIBUTARY SERUA- 2013**

| STATION<br>CODE        | LOCATIONS  | STATE        | TEMPERATURE °C |     |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |       |       | B.O.D. (mg/l) |     |      | NITRATE- N+<br>NITRITE-N (mg/l) |      |      | FECAL COLIFORM<br>(MPN/100ml) |        |       | TOTAL COLIFORM<br>(MPN/100ml) |        |       |
|------------------------|--|--------------|----------------|-----|------|-------------|------|------|---------|-----|------|----------------------------|-------|-------|---------------|-----|------|---------------------------------|------|------|-------------------------------|--------|-------|-------------------------------|--------|-------|
|                        |  |              | Min            | Max | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max   | Mean  | Min           | Max | Mean | Min                             | Max  | Mean | Min                           | Max    | Mean  | Min                           | Max    | Mean  |
| WATER QUALITY CRITERIA |  |              |                |     |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |       |       | < 3 mg/l      |     |      |                                 |      |      | < 2500 MPN/100ml              |        |       | < 5000 MPN/100ml              |        |       |
| 1851                   | MAHANADI AT SIHAWA   | CHHATTISGARH | 24             | 37  | 28.3 | 8           | 9.2  | 8.6  | 7.4     | 7.7 | 7.5  | 104                        | 415   | 220   | 0.9           | 2.3 | 1.3  | 1                               | 2.5  | 2    |                               |        |       | 11                            | 300    | 90    |
| 1264                   | MAHANADI AT RUDRI U/S AT DHAMTORI<br>RESERVOIR,CHHATISSGARH    | CHHATTISGARH | 24             | 37  | 28.6 | 7.5         | 8.2  | 7.8  | 7.6     | 8   | 7.8  | 184                        | 452   | 296   | 1.8           | 3   | 2.4  | 1.6                             | 3.55 | 3    |                               |        |       | 50                            | 500    | 200   |
| 1099                   | MAHANADI AT U/S OF RAJIM, CHHATISSGARH.                        | CHHATTISGARH | 22             | 38  | 29.1 | 7.3         | 8.3  | 7.8  | 7.2     | 7.9 | 7.6  | 21                         | 624   | 334   | 1.7           | 3.1 | 2.2  | 1.1                             | 2.59 | 2    |                               |        |       | 60                            | 500    | 191   |
| 1852                   | MAHANADI AT ARRANG, RAIPUR                                     | CHHATTISGARH | 23             | 37  | 28.4 | 7.5         | 8.3  | 7.8  | 7.5     | 7.8 | 7.7  | 156                        | 554   | 328   | 1.6           | 3.2 | 2.2  | 1.2                             | 1    | 3    |                               |        |       | 40                            | 500    | 190   |
| 1100                   | MAHANADI AT KHARAD CHHATISSGARH.                               | CHHATTISGARH | 20             | 34  | 29.2 | 6.8         | 7.8  | 7.3  | 7.5     | 8   | 7.7  | 174                        | 318   | 244   |               |     |      | 1.648                           | 2.69 | 2    |                               |        |       | 8                             | 1412   | 367   |
| 1282                   | MAHANADI AT SHEORINARAYAN VILLAGE,<br>CHHATISSGARH.            | CHHATTISGARH | 20             | 32  | 28.1 | 5.6         | 7    | 6.4  | 8       | 8.5 | 8.1  | 318                        | 416   | 352   |               |     |      | 10.2                            | 15.2 | 14.8 |                               |        |       | 48                            | 1622   | 508   |
| 1467                   | MAHANADI AFTER CONFL. WITH RIVER<br>MAND,CHHATISSGARH          | CHHATTISGARH | 20             | 34  | 29.1 | 6.6         | 8    | 7.4  | 7.5     | 7.8 | 7.6  | 187                        | 338   | 261   |               |     |      | 1.656                           | 5.36 | 3    |                               |        |       | 18                            | 1839   | 418   |
| 1101                   | MAHANADI AT INTERSTATE BOUNDRY<br>CHHATISSGARH.                | CHHATTISGARH | 20             | 30  | 23.5 | 7.1         | 7.6  | 7.3  | 7.2     | 7.6 | 7.4  | 208                        | 311   | 269   | 0.9           | 1   | 1    | 1.166                           | 2.25 | 2.03 |                               |        |       | 39                            | 1100   | 306   |
| 1281                   | MAHANADI AT HIRAKUD RESERVOIR, ORISSA                          | ORISSA       | 20             | 34  | 28.2 | 5.4         | 8.7  | 7.2  | 7.2     | 8.4 | 7.9  | 168                        | 240   | 202   | 0.4           | 2.2 | 1.1  | 0.726                           | 1.98 | 1.36 | 130                           | 2300   | 1034  | 230                           | 4900   | 2406  |
| 1270                   | MAHANADI AT SAMBALPUR U/S, ORISSA                              | ORISSA       | 21             | 35  | 28.4 | 5.5         | 8.7  | 7.5  | 7.6     | 8.4 | 8.1  | 144                        | 255   | 206   | 0.3           | 3.6 | 1.3  | 0.534                           | 1.55 | 1.06 | 1100                          | 13000  | 4480  | 3300                          | 22000  | 9120  |
| 1271                   | MAHANADI AT SAMBALPUR D/S, ORISSA                              | ORISSA       | 20             | 34  | 28.9 | 5.6         | 7.6  | 6.8  | 7.1     | 8.4 | 7.9  | 191                        | 269   | 241   | 2.2           | 4.2 | 3.1  | 0.434                           | 3    | 2.6  | 4600                          | 54000  | 25860 | 7000                          | 92000  | 42100 |
| 2405                   | SAMBHALPUR FDS AT HUMA   | ORISSA       | 20             | 36  | 28.3 | 6.1         | 8.2  | 7.2  | 6.9     | 8.4 | 7.9  | 158                        | 235   | 203   | 0.4           | 2.6 | 1.8  | 0.501                           | 1.2  | 1    | 330                           | 3300   | 1662  | 1300                          | 4900   | 3330  |
| 1272                   | MAHANADI D/S (AFTER CONFL. WITH R. ONG<br>SONEPUR U/S), ORISSA | ORISSA       | 25             | 37  | 29.6 | 6.4         | 8.6  | 7.4  | 7.7     | 8.4 | 8    | 184                        | 237   | 215   | 0.4           | 1.4 | 0.9  | 0.615                           | 2.22 | 1.98 | 45                            | 3300   | 944   | 130                           | 7900   | 2090  |
| 1274                   | MAHANADI AFTER CONFL. WITH R.TEL<br>(SONEPUR D/S),ORISSA       | ORISSA       | 24             | 37  | 29.9 | 6.6         | 8.4  | 7.5  | 6.5     | 8.4 | 7.9  | 181                        | 286   | 232   | 0.7           | 1.8 | 1.4  | 0.332                           | 2.33 | 2.03 | 78                            | 7900   | 1745  | 220                           | 14000  | 3363  |
| 1275                   | MAHANADI AT TIKARPADA, ORISSA                                  | ORISSA       | 23             | 34  | 29.3 | 6.7         | 8.4  | 7.8  | 7.5     | 8.4 | 8    | 181                        | 250   | 217   | 0.3           | 1.6 | 0.8  | 0.321                           | 1.65 | 1.33 | 230                           | 2700   | 725   | 490                           | 7900   | 1789  |
| 1276                   | MAHANADI AT NARSINGHPUR, ORISSA                                | ORISSA       | 25             | 35  | 29.7 | 6.4         | 8.9  | 7.6  | 7.3     | 8.4 | 8    | 166                        | 289   | 217   | 0.6           | 2   | 1.3  | 0.258                           | 2.22 | 1.13 | 78                            | 5400   | 2004  | 230                           | 11000  | 4463  |
| 1277                   | MAHANADI AT CUTTACK U/S, ORISSA                                | ORISSA       | 24             | 36  | 30.4 | 6.2         | 8.6  | 7.6  | 7.9     | 8.4 | 8.2  | 142                        | 264   | 201   | 0.6           | 1.8 | 1.1  | 0.497                           | 1.66 | 1.22 | 130                           | 9200   | 1566  | 330                           | 16000  | 2985  |
| 1278                   | MAHANADI AT CUTTACK D/S, ORISSA                                | ORISSA       | 24             | 35  | 30.4 | 6           | 8.2  | 7.3  | 7       | 8.4 | 8    | 169                        | 226   | 205   | 1.6           | 3.1 | 2.5  | 0.085                           | 2.03 | 1.55 | 13000                         | 160000 | 44400 | 35000                         | 160000 | 69500 |
| 2409                   | CUTTACK FDS (SERUA) AT SANKHATRASA                             | ORISSA       | 23             | 34  | 29   | 6.9         | 12.5 | 7.9  | 7.6     | 8.4 | 8.1  | 120                        | 226   | 196   | 1.8           | 3.6 | 2.8  | 1.467                           | 1.92 | 1.75 | 700                           | 24000  | 8820  | 1400                          | 35000  | 16600 |
| 2406                   | MUNDALI(WATER INTAKE POINT OF<br>BHUBANESWAR CITY              | ORISSA       | 23             | 35  | 29.2 | 6           | 8.6  | 7.4  | 7.1     | 8.2 | 7.6  | 144                        | 258   | 206   | 0.5           | 2   | 0.9  | 0.222                           | 1.06 | 1    | 130                           | 1300   | 793   | 330                           | 9200   | 3072  |
| 2404                   | POWER CHANNEL D/S NEAR BURLA                                   | ORISSA       | 23             | 35  | 28.5 | 5.5         | 7.9  | 6.8  | 7.1     | 8.4 | 8    | 185                        | 236   | 206   | 0.6           | 2.3 | 1.3  | 0.528                           | 1.22 | 1    | 140                           | 1300   | 531   | 210                           | 3400   | 1671  |
| ESTUARINE ZONE         |  |              |                |     |      |             |      |      |         |     |      |                            |       |       |               |     |      |                                 |      |      |                               |        |       |                               |        |       |
| 2407                   | PARADEEP U/S (BEFORE INDUSTRIAL<br>ACTIVITY AT PARADEEP)       | ORISSA       | 23             | 33  | 28   | 6.3         | 8.6  | 7.5  | 7.4     | 8.4 | 8    | 104                        | 8702  | 1606  | 0.6           | 2.1 | 1.5  | 0.593                           | 2.23 | 2    | 1300                          | 160000 | 19060 | 2200                          | 160000 | 29130 |
| 1639                   | MAHANADI AT PARADEEPD/S, ORISSA                                | ORISSA       | 20             | 33  | 26.4 | 6.2         | 8.6  | 7.4  | 7.6     | 8.3 | 8    | 147                        | 34350 | 12352 | 1             | 2.7 | 1.7  | 1.564                           | 2.56 | 2    | 45                            | 160000 | 19996 | 78                            | 160000 | 24927 |

## WATER QUALITY DATA 2013 | CPCB ENVIS

## WATER QUALITY OF RIVER SATLUJ - 2013

| STATION<br>CODE        | LOCATIONS   | STATE            | TEMPERATURE °C |     |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |     |      | B.O.D. (mg/l) |     |      | NITRATE- N+<br>NITRITE-N (mg/l) |      |      | FECAL COLIFORM<br>(MPN/100ml) |       |      | TOTAL COLIFORM<br>(MPN/100ml) |       |       |
|------------------------|---|------------------|----------------|-----|------|-------------|------|------|---------|-----|------|----------------------------|-----|------|---------------|-----|------|---------------------------------|------|------|-------------------------------|-------|------|-------------------------------|-------|-------|
|                        |   |                  | Min            | Max | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max | Mean | Min           | Max | Mean | Min                             | Max  | Mean | Min                           | Max   | Mean | Min                           | Max   | Mean  |
| WATER QUALITY CRITERIA |   |                  |                |     |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |     |      | < 3 mg/l      |     |      |                                 |      |      | < 2500 MPN/100ml              |       |      | < 5000 MPN/100ml              |       |       |
| 1867                   | SATLUJ B/C WITH RIVER SPITI<br>AT KHAB, DISTT.KINNAUR, H.P.       | HIMACHAL PRADESH | 3              | 13  | 8.5  | 9           | 10.4 | 9.7  | 7.6     | 8.5 | 8.1  | 123                        | 426 | 238  | 0.1           | 0.3 | 0.1  | 0.219                           | 1.03 | 1    | 11                            | 33    | 21   | 22                            | 130   | 75    |
| 2611                   | SATLUJ AT KHAB  | HIMACHAL PRADESH | 2.5            | 13  | 8.3  | 9.1         | 10.6 | 9.8  | 7.9     | 8.8 | 8.2  | 125                        | 457 | 236  | 0.1           | 0.2 | 0.1  | 0.356                           | 1.3  | 1    | 11                            | 46    | 24   | 34                            | 140   | 80    |
| 1389                   | SATLUJ AT NEPTHA ZAKHAI, H.P                                      | HIMACHAL PRADESH | 3.5            | 17  | 12.3 | 8.8         | 10.2 | 9.5  | 7.5     | 8.9 | 8.2  | 75                         | 476 | 221  | 0.1           | 0.5 | 0.2  | 0.146                           | 1.45 | 1    | 22                            | 46    | 31   | 70                            | 180   | 119   |
| 1086                   | SATLUJ AT U/S RAMPUR, H.P.  | HIMACHAL PRADESH | 4              | 22  | 14.7 | 9.2         | 10.4 | 9.5  | 6.7     | 8.6 | 7.9  | 176                        | 485 | 245  | 0.1           | 0.3 | 0.2  | 0.173                           | 1.86 | 1    | 21                            | 110   | 50   | 94                            | 540   | 213   |
| 1087                   | SATLUJ AT D/S RAMPUR, H.P.  | HIMACHAL PRADESH | 4.5            | 23  | 15   | 0.4         | 10.1 | 8.6  | 7.5     | 8.7 | 8.1  | 90                         | 884 | 260  | 0.2           | 0.6 | 0.3  | 0.202                           | 1.05 | 1    | 23                            | 140   | 69   | 130                           | 920   | 303   |
| 1013                   | SATLUJ AT U/S TATAPANI, H.P.                                      | HIMACHAL PRADESH | 4.5            | 22  | 16.1 | 8.9         | 9.4  | 9.2  | 7.2     | 8.5 | 8    | 128                        | 940 | 271  | 0.4           | 0.8 | 0.5  | 0.342                           | 1.55 | 1    | 31                            | 79    | 49   | 94                            | 350   | 203   |
| 1014                   | SATLUJ AT U/S SLAPPER, H.P.                                       | HIMACHAL PRADESH | 3              | 25  | 13.5 | 8.6         | 11.6 | 9.4  | 7.9     | 8.5 | 8.2  | 166                        | 314 | 200  | 0.2           | 0.3 | 0.2  | 0.322                           | 2.6  | 1    | 46                            | 350   | 87   | 130                           | 1600  | 341   |
| 1015                   | SATLUJ AT D/S SLAPPER, H.P.                                       | HIMACHAL PRADESH | 4              | 20  | 13.1 | 8.6         | 11.7 | 9.5  | 7.7     | 8.7 | 8.2  | 146                        | 268 | 187  | 0.1           | 0.3 | 0.2  | 0.338                           | 3.2  | 1    | 43                            | 280   | 74   | 130                           | 1600  | 300   |
| 1016                   | SATLUJ AT D/S BHAKHRA, H.P.                                       | HIMACHAL PRADESH | 13             | 20  | 16.7 | 6.6         | 11.8 | 8.4  | 7.8     | 8.7 | 8.3  | 195                        | 239 | 214  | 0.2           | 0.9 | 0.5  | 0.26                            | 1.2  | 1    |                               |       |      |                               |       |       |
| 1017                   | SATLUJ AT 100M U/S OF<br>HEADWORKS, NANGAL,<br>PUNJAB             | PUNJAB           | 11             | 25  | 18.9 | 7           | 8.4  | 7.6  | 7.1     | 8.1 | 7.5  | 20                         | 465 | 227  | 0.4           | 3   | 1.3  | 1                               | 2.06 | 2    | 35                            | 400   | 106  | 50                            | 900   | 315   |
| 1293                   | SATLUJ AT 1 KM. D/S OF<br>ZENITH, PUNJAB                          | PUNJAB           | 7              | 25  | 19.3 | 6           | 7    | 6.6  | 6.8     | 8   | 7.6  | 23                         | 482 | 275  | 1.8           | 13  | 5.3  | 3                               | 3    | 5    | 500                           | 1700  | 925  | 1100                          | 3000  | 2175  |
| 1814                   | SATLUJ AT D/S KIRATPUR<br>SAHIB, PUNJAB                           | PUNJAB           | 13             | 25  | 21.3 | 6.8         | 8.4  | 7.5  | 7.4     | 7.7 | 7.5  | 23                         | 342 | 230  | 0.8           | 2.6 | 1.4  | 1.1                             | 2.96 | 2    | 50                            | 210   | 105  | 110                           | 500   | 403   |
| 1019                   | SATLUJ AT U/S HEAD WORKS<br>ROPAR, PUNJAB                         | PUNJAB           | 5              | 24  | 18   | 6           | 7.4  | 6.8  | 6.9     | 7.8 | 7.4  | 22                         | 310 | 220  | 1.2           | 2.8 | 2.1  | 2.6                             | 3    | 3    | 40                            | 1000  | 388  | 500                           | 2500  | 1125  |
| 1380                   | SATLUJ AT D/S NFL, PUNJAB   | PUNJAB           | 11             | 26  | 20.8 | 6.8         | 8.6  | 7.5  | 7.2     | 7.9 | 7.4  | 24                         | 430 | 251  | 1             | 3   | 1.9  | 1.4                             | 3.06 | 3    | 110                           | 500   | 378  | 500                           | 2500  | 1200  |
| 1690                   | SATLUJ AT U/S BUDHA NALLAH<br>(UPPER), PUNJAB                     | PUNJAB           | 17             | 24  | 20.5 | 5.8         | 7.4  | 6.8  | 7.2     | 7.9 | 7.7  | 343                        | 386 | 360  | 0.5           | 2   | 1.2  | 2.6                             | 3.05 | 3    | 50                            | 1100  | 407  | 300                           | 2300  | 1033  |
| 1020                   | SATLUJ AT 100M D/S BUDHA<br>NALA CONFL., LUDHIANA,<br>PUNJAB      | PUNJAB           | 17             | 25  | 21   | 2           | 4.6  | 3.8  | 6.3     | 7.9 | 7.1  | 466                        | 678 | 558  | 0.9           | 12  | 5.9  | 3.4                             | 5.66 | 5    | 1100                          | 5000  | 3700 | 5000                          | 11000 | 8000  |
| 1021                   | SATLUJ AT BOAT BDG.<br>DHARMKOTNAKODAR ROAD,<br>JALANDHAR, PUNJAB | PUNJAB           | 18             | 25  | 21.5 | 5.4         | 6.3  | 5.8  | 6.5     | 7.7 | 7.3  | 368                        | 480 | 407  | 0.6           | 2.6 | 1.7  | 1.6                             | 3.06 | 3    | 1100                          | 10000 | 4700 | 5000                          | 22000 | 11000 |
| 1381                   | SATLUJ AT D/S EAST BASIN,<br>PUNJAB                               | PUNJAB           | 16             | 32  | 24.8 | 3.2         | 5.9  | 4.7  | 6.8     | 7.2 | 7.1  | 32                         | 870 | 528  | 3.8           | 8   | 5.5  | 3.2                             | 4.66 | 4    | 1800                          | 22000 | 7100 | 4600                          | 50000 | 16125 |
| 1691                   | SATLUJ AT U/S HUSSANIWALA -<br>H/W FEROREPUR, PUNJAB              | PUNJAB           | 25             | 25  | 25   | 6.9         | 7.6  | 7.2  | 6.7     | 8   | 7.3  | 182                        | 332 | 267  | 0.5           | 2.4 | 1.7  | 2.6                             | 3.2  | 3    | 40                            | 50    | 47   | 300                           | 500   | 400   |

|      |   |        |    |    |      |     |     |     |     |     |     |     |     |     |     |     |     |     |      |   |     |      |     |     |      |      |
|------|---|--------|----|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---|-----|------|-----|-----|------|------|
| 1692 | SATLUJ AT D/S HUSSANIWALA-<br>H/W FEROZEPUR, PUNJAB | PUNJAB | 20 | 25 | 22.5 | 7   | 7.8 | 7.2 | 6.8 | 7.9 | 7.3 | 184 | 353 | 276 | 0.7 | 2.6 | 1.9 | 2.6 | 4.56 | 3 | 50  | 100  | 67  | 400 | 500  | 433  |
| 1022 | SATLUJ AT BRIDGE HARIKE,<br>AMRITSAR, PUNJAB        | PUNJAB | 26 | 32 | 28.7 | 5.2 | 6.8 | 6   | 7.1 | 7.9 | 7.4 | 32  | 370 | 254 | 2   | 3.4 | 2.7 | 2.8 | 5.02 | 4 | 130 | 1100 | 595 | 700 | 2300 | 1400 |

## WATER QUALITY DATA 2013 | CPCB ENVIS

## WATER QUALITY OF RIVER YAMUNA - 2013

| STATION<br>CODE        | LOCATIONS  | STATE            | TEMPERATURE °C |      |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |     |      | B.O.D. (mg/l) |     |      | NITRATE- N+<br>NITRITE-N (mg/l) |      |      | FECAL COLIFORM (MPN/100ml) |       |       | TOTAL COLIFORM (MPN/100ml) |         |         |
|------------------------|--|------------------|----------------|------|------|-------------|------|------|---------|-----|------|----------------------------|-----|------|---------------|-----|------|---------------------------------|------|------|----------------------------|-------|-------|----------------------------|---------|---------|
|                        |  |                  | Min            | Max  | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max | Mean | Min           | Max | Mean | Min                             | Max  | Mean | Min                        | Max   | Mean  | Min                        | Max     | Mean    |
| WATER QUALITY CRITERIA |  |                  |                |      |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |     |      | < 3 mg/l      |     |      |                                 |      |      | < 2500 MPN/100ml           |       |       | < 5000 MPN/100ml           |         |         |
| 1492                   | YAMUNA AT YAMUNOTRI, UTTAR PRADESH                     | UTTARAKHAND      | 2.8            | 3    | 2.86 | 7.9         | 8.4  | 8.2  | 7.8     | 8.4 | 8.1  | 74                         | 74  | 74   |               |     |      | 0                               | 0    | 0    | 220                        | 220   | 220   | 220                        | 220     | 220     |
| 1493                   | YAMUNA AT HANUMANCHATTI, UTTAR PRADESH                 | UTTARAKHAND      | 8              | 13.2 | 10.6 | 7.1         | 8.8  | 8    | 8.2     | 8.3 | 8.3  | 123                        | 123 | 123  |               |     |      | 0                               | 0    | 0    | 18                         | 18    | 18    | 33                         | 33      | 33      |
| 1494                   | YAMUNA AT U/S OF LAKHWAR DAM, U.P                      | UTTARAKHAND      | 12.2           | 23   | 19.6 | 5.2         | 8.8  | 7.4  | 7.8     | 8.5 | 8.2  | 164                        | 282 | 218  | 1.4           | 2.4 | 1.9  | 0                               | 0    | 0    | 7000                       | 7000  | 7000  | 9400                       | 9400    | 9400    |
| 1490                   | YAMUNA AT U/S DAK PATTHAR, UTTAR PARDESH               | UTTARAKHAND      | 12.8           | 23.2 | 19.1 | 6           | 8.4  | 7.3  | 7.8     | 8.3 | 8.1  | 207                        | 258 | 232  | 1.2           | 2.6 | 2    | 0                               | 0    | 0    | 180                        | 35000 | 12293 | 21                         | 35000   | 7512    |
| 1553                   | YAMUNA , U/S PAONTA SAHIB, H.P                         | HIMACHAL PRADESH | 13             | 28   | 19.5 | 6.2         | 24   | 8.9  | 7       | 8.2 | 7.4  | 202                        | 276 | 233  | 0.8           | 1.6 | 1.1  | 0.22                            | 1.66 | 1.15 | 4                          | 16    | 10    | 12                         | 29      | 21      |
| 1554                   | YAMUNA , D/S PAONTA SAHIB, H.P                         | HIMACHAL PRADESH | 14             | 29   | 20.4 | 6           | 27   | 9    | 6.6     | 8.2 | 7.4  | 161                        | 374 | 253  | 1             | 4.2 | 3.6  | 0.26                            | 1.05 | 1    | 3                          | 15    | 10    | 10                         | 28      | 21      |
| 1117                   | YAMUNA AT HATHNIKUND HARYANA                           | HARYANA          |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 1496                   | YAMUNA AT KALANAUR, YAMUNA NAGAR, HARYANA              | HARYANA          |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 1119                   | YAMUNA AT SONEPAT, HARYANA                             | HARYANA          |                |      |      | 8.1         | 8.1  | 8.1  | 7.4     | 7.4 | 7.4  | 290                        | 290 | 290  | 1.6           | 1.6 | 1.6  | 0                               | 0    | 0    |                            |       |       |                            |         |         |
| 1120                   | YAMUNA AT WAZIRABAD, DELHI, CPCB                       | DELHI            |                |      |      | 9.5         | 11.5 | 10.5 | 7.7     | 8.5 | 8.1  |                            |     |      | 2             | 4   | 3    |                                 |      |      |                            |       |       | 1700                       | 3300    | 2500    |
| 1121                   | YAMUNA AT NIZAMUDDIN, DELHI                            | DELHI            |                |      |      | 0.6         | 0.6  | 0.6  | 7.3     | 8.2 | 7.8  |                            |     |      | 11            | 17  | 14   | 12.5                            | 12.5 | 12.5 |                            |       |       | 9200000                    | 9200000 | 9200000 |
| 1375                   | YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL), DELHI    | DELHI            |                |      |      | 0.7         | 0.7  | 0.7  | 7.4     | 8.1 | 7.8  |                            |     |      | 15            | 19  | 17   | 19.3                            | 19.3 | 19.3 |                            |       |       | 2200000                    | 3500000 | 2850000 |
| 1812                   | YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN, DELHI | DELHI            |                |      |      | 0.6         | 0.7  | 0.6  | 7.3     | 8   | 7.6  |                            |     |      | 20            | 43  | 31   |                                 |      |      |                            |       |       | 3500000                    | 9200000 | 6350000 |
| 1497                   | YAMUNA AT MAZAWALI, U.P                                | UTTAR PRADESH    |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 2495                   | YAMUNA AT KESIGHAT, VRINDAVAN                          | UTTAR PRADESH    | 22             | 30   | 26.6 | 4           | 6.8  | 5.7  | 7.2     | 7.8 | 7.4  | 117                        | 117 | 117  | 6             | 7.8 | 7    | 0                               | 0    | 0    | 28000                      | 41000 | 35200 | 63000                      | 70000   | 66600   |
| 1123                   | YAMUNA AT MATHURA U/S , U.P.                           | DELHI            |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 2494                   | YAMUNA AT VISHRAMGHAT, MATHURA                         | UTTAR PRADESH    | 20             | 30   | 26.2 | 3.6         | 6.4  | 5.5  | 7.3     | 7.8 | 7.4  | 121                        | 121 | 121  | 7.2           | 9   | 7.8  | 0                               | 0    | 0    | 37000                      | 48000 | 42600 | 79000                      | 94000   | 87200   |
| 1124                   | YAMUNA AT MATHURA D/S , U.P.                           | DELHI            |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 1125                   | YAMUNA AT AGRA U/S, U.P.                               | UTTAR PRADESH    |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 1126                   | YAMUNA AT D/S OF AGRA, U.P.                            | UTTAR PRADESH    |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 2493                   | YAMUNA AT SHAHPUR                                      | UTTAR PRADESH    | 20             | 30   | 26.2 | 3.8         | 7.6  | 6.1  | 7.2     | 7.6 | 7.4  | 112                        | 112 | 112  | 4.8           | 6.6 | 5.7  | 0                               | 0    | 0    | 24000                      | 28000 | 26200 | 43000                      | 54000   | 47800   |
| 1498                   | YAMUNA AT BATESWAR, U.P                                | CPCB, DELHI      |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 1127                   | YAMUNA AT ETAWAH, U.P.                                 | CPCB, DELHI      |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 1499                   | YAMUNA AT JUHIKA B/C WITH CHANBAL, ETAWAH, U.P         | CPCB, DELHI      |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 2283                   | YAMUNA AT HAMIRPUR                                     | UTTAR PRADESH    |                |      |      |             |      |      |         |     |      |                            |     |      |               |     |      |                                 |      |      |                            |       |       |                            |         |         |
| 1069                   | YAMUNA AT ALLAHABAD D/S (BALUA GHAT), U.P              | UTTAR PRADESH    | 19.8           | 29.9 | 24.7 |             |      |      | 7.9     | 8.3 | 8.2  |                            |     |      | 1.6           | 2.8 | 2.1  |                                 |      |      |                            |       |       |                            |         |         |