

WATER QUALITY OF GROUND WATER IN ANDHRA PRADESH - 2006

| CODE | LOCATION | TEMPERATURE °C | | | pH | | | CONDUCTIVITY (µmhos/cm) | | | C.O.D. (mg/l) | | | B.O.D. (mg/l) | | | NITRATE (mg/l) | | | NITRITE (mg/l) | | | AMMONIA - N (mg/l) | | | FAECAL COLIFORM (MPN/100 ml) | | | TOTAL COLIFORM (MPN/100 ml) | | |
|------|--|----------------|-----|------|------|------|------|-------------------------|------|------|---------------|------|------|---------------|-----|------|----------------|-------|-------|----------------|------|------|--------------------|------|------|------------------------------|-----|------|-----------------------------|------|------|
| | | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN |
| 15 | WELL AT KUYYURA, A.P. | 28 | 28 | 28 | 7.28 | 7.28 | 7.28 | 222 | 222 | 222 | 16.0 | 16.0 | 16.0 | 0.4 | 0.4 | 0.4 | 0.19 | 0.19 | 0.19 | 0.01 | 0.01 | 0.01 | | | | | | | 7 | 7 | 7 |
| 16 | WELL AT TADAVAI A.P. | 26 | 26 | 26 | 8.26 | 8.26 | 8.26 | 422 | 422 | 422 | 6.0 | 6.0 | 6.0 | 1.6 | 1.6 | 1.6 | 11.59 | 11.59 | 11.59 | 0.01 | 0.01 | 0.01 | | | | 2 | 2 | 2 | 21 | 21 | 21 |
| 26 | WELL AT VIJAYWADA, A.P. | 31 | 31 | 31 | 7.90 | 7.90 | 7.90 | 1684 | 1684 | 1684 | 28.0 | 28.0 | 28.0 | 1.4 | 1.4 | 1.4 | 0.45 | 0.45 | 0.45 | | | | | | | 2 | 2 | 2 | 480 | 480 | 480 |
| 27 | WELL AT PEDDAVOORA, A.P. | 32 | 32 | 32 | 6.85 | 6.85 | 6.85 | 1633 | 1633 | 1633 | 7.0 | 7.0 | 7.0 | 0.8 | 0.8 | 0.8 | 3.40 | 3.40 | 3.40 | | | | | | | 3 | 3 | 3 | 80 | 80 | 80 |
| 1791 | B/W - EAST OF SAICHERUVU ,PAIDIPALLY (V),WARANGAL DIST., A.P | 28 | 28 | 28 | 7.50 | 7.50 | 7.50 | 1466 | 1466 | 1466 | 13.0 | 13.0 | 13.0 | 0.8 | 0.8 | 0.8 | 11.16 | 11.16 | 11.16 | | | | | | | 2 | 2 | 2 | 11 | 11 | 11 |
| 1792 | B/W -NEAR CKM COLLEGE , ENUMAMULA (V) ,WARANGAL DIST., A.P | 30 | 30 | 30 | 5.43 | 5.43 | 5.43 | 2530 | 2530 | 2530 | 13.0 | 13.0 | 13.0 | 2.2 | 2.2 | 2.2 | 11.51 | 11.51 | 11.51 | 0.01 | 0.01 | 0.01 | | | | 2 | 2 | 2 | 7 | 7 | 7 |
| 1793 | O/W - BHOOMAIAH NEAR ASHPONDS OF NTPC , KUNDANPALLY (V) , RAMAGUNDAM , KARIMNAGAR, A.P | 28 | 28 | 28 | 7.37 | 7.37 | 7.37 | 1644 | 1644 | 1644 | 16.0 | 16.0 | 16.0 | 2.6 | 2.6 | 2.6 | 4.03 | 4.03 | 4.03 | | | | | | | | | | 28 | 28 | 28 |
| 1794 | B/W - MANAKONDUR (V) , KARIMNAGAR DIST., A.P | 28 | 28 | 28 | 7.49 | 7.49 | 7.49 | 987 | 987 | 987 | 13.0 | 13.0 | 13.0 | 1.3 | 1.3 | 1.3 | 5.05 | 5.05 | 5.05 | 0.07 | 0.07 | 0.07 | 0.03 | 0.03 | 0.03 | | | | 43 | 43 | 43 |
| 1795 | B/W - PANCHAYAT OFFICE „BOLLARAM (V) MEDAK DIST., A.P | 30 | 30 | 30 | 6.91 | 6.91 | 6.91 | 4980 | 4980 | 4980 | 12.8 | 12.8 | 12.8 | 0.9 | 0.9 | 0.9 | 32.00 | 32.00 | 32.00 | | | | 0.10 | 0.10 | 0.10 | 3 | 3 | 3 | 100 | 100 | 100 |
| 1525 | B/W - IDA - NEAR CHAITANYA CHLORIDES PASHAMAYLAM , MEDAK DIST. | 29 | 29 | 29 | 7.24 | 7.24 | 7.24 | 4100 | 4100 | 4100 | 12.0 | 12.0 | 12.0 | 1.0 | 1.0 | 1.0 | 24.06 | 24.06 | 24.06 | | | | | | | 3 | 3 | 3 | 150 | 150 | 150 |
| 1811 | B/W - PRIMARY SCHOOL - RUDRAVELLI (V) , BIBINAGAR (M) , NALGONDA DIST., A.P | 24 | 29 | 27 | 6.40 | 7.40 | 6.90 | 646 | 2070 | 1358 | 8.0 | 8.0 | 8.0 | 1.0 | 1.2 | 1.1 | 0.80 | 0.88 | 0.84 | | | | | | | 2 | 2 | 2 | 70 | 90 | 80 |
| 1810 | B/W - SRI RAMNAGAR COLONY, SAKKAR NAGAR, BODHAN, NIZAMABAD DIST., A.P | | | | 6.90 | 6.90 | 6.90 | 1626 | 1626 | 1626 | | | | 1.2 | 1.2 | 1.2 | 2.2 | 2.2 | 2.2 | | | | | | | 2 | 2 | 2 | 75 | 75 | 75 |
| 1513 | B W - KRISHNA MURTHY, D.NO. 48-16-43 AUTONAGAR VIJJAYAWADA, KRISNA DIST., A.P. | 29 | 29 | 29 | 7.90 | 7.90 | 7.90 | 1300 | 1300 | 1300 | 18.0 | 18.0 | 18.0 | 1.0 | 1.0 | 1.0 | 3.98 | 3.98 | 3.98 | | | | | | | 2 | 2 | 2 | 2500 | 2500 | 2500 |
| 1514 | B/W - VIJAY KUMAR AUTONAGAR VIJAYAWADA, KRISHNA DIST., A.P. | 30 | 30 | 30 | 8.20 | 8.20 | 8.20 | 1210 | 1210 | 1210 | 15.0 | 15.0 | 15.0 | 1.2 | 1.2 | 1.2 | 3.52 | 3.52 | 3.52 | | | | | | | 2 | 2 | 2 | 2500 | 2500 | 2500 |
| 1515 | B/W - NAGARAM(V), PALVONCHA, KHAMMAM DIST., A.P. | 23 | 29 | 26 | 7.20 | 8.20 | 7.70 | 2060 | 2370 | 2215 | 10.0 | 10.0 | 10.0 | 4.8 | 4.8 | 4.8 | 2.20 | 3.60 | 2.90 | | | | | | | 2 | 2 | 2 | 2550 | 2550 | 2550 |
| 1516 | B W OF NAVLOK GARDENS NELLORE AP | 28 | 28 | 28 | 8.80 | 8.80 | 8.80 | 1210 | 1210 | 1210 | 10.0 | 10.0 | 10.0 | 0.8 | 0.8 | 0.8 | 0.55 | 0.55 | 0.55 | | | | | | | 1 | 1 | 1 | 2500 | 2500 | 2500 |
| 1517 | B/W. - TUNGBHADRA RIVER NEAR KURNOOL, A.P. | 29 | 29 | 29 | 7.71 | 7.71 | 7.71 | 1478 | 1478 | 1478 | 7.0 | 7.0 | 7.0 | 1.8 | 1.8 | 1.8 | 2.74 | 2.74 | 2.74 | | | | | | | 4 | 4 | 4 | 12 | 12 | 12 |
| 1518 | B/W. - NANDYAL, KURNOOL DIST., A.P. | 28 | 28 | 28 | 7.55 | 7.55 | 7.55 | 2434 | 2434 | 2434 | 8.0 | 8.0 | 8.0 | 1.2 | 1.2 | 1.2 | 35.00 | 35.00 | 35.00 | | | | | | | 4 | 4 | 4 | 12 | 12 | 12 |
| 1519 | B/W - NAGIRI, CHITTOOR DIST., A.P | 24 | 24 | 24 | 7.69 | 7.69 | 7.69 | 2510 | 2510 | 2510 | | | | 1.8 | 1.8 | 1.8 | 6.4 | 6.4 | 6.4 | | | | | | | 2 | 2 | 2 | 110 | 110 | 110 |
| 1520 | B/W - SWARNAMUKHI RIVER, SRIKALAHASTI, CHITTOOR DIST., A.P. | 25 | 25 | 25 | 7.98 | 7.98 | 7.98 | 2560 | 2560 | 2560 | | | | 1.5 | 1.5 | 1.5 | 6.5 | 6.5 | 6.5 | | | | | | | | | | 110 | 110 | 110 |
| 1521 | O/W - NEAR RAMA TEMPLE , WARD No.2 , MINDI , VISAKHAPATNAM, A.P | 27 | 27 | 27 | 7.45 | 7.45 | 7.45 | 9970 | 9970 | 9970 | 40.0 | 40.0 | 40.0 | 0.8 | 0.8 | 0.8 | 7.36 | 7.36 | 7.36 | 1.12 | 1.12 | 1.12 | 2.00 | 2.00 | 2.00 | | | | 8000 | 8000 | 8000 |
| 1522 | O/W. PEDDANUYI - VIZIANAGARAM, A.P | 28 | 28 | 28 | 7.22 | 7.22 | 7.22 | 2760 | 2760 | 2760 | 2.0 | 2.0 | 2.0 | 0.5 | 0.5 | 0.5 | 51.40 | 51.40 | 51.40 | 2.67 | 2.67 | 2.67 | 1.00 | 1.00 | 1.00 | | | | 4000 | 4000 | 4000 |
| 1523 | B/W - NEAR M/S ANDHRA SUGARS LTD. , KOVVUR , W.G.DIST., A.P | 27 | 27 | 27 | 7.15 | 7.15 | 7.15 | 316 | 316 | 316 | 2.0 | 2.0 | 2.0 | 0.1 | 0.1 | 0.1 | 0.08 | 0.08 | 0.08 | 0.00 | 0.00 | 0.00 | 0.85 | 0.85 | 0.85 | | | | 25 | 25 | 25 |
| 1524 | O/W -NEAR PARTAP NAGAR BRIIDGE -KAKINADA ,E.G.DIST., A.P | 26 | 26 | 26 | 7.22 | 7.22 | 7.22 | 3590 | 3590 | 3590 | 4.0 | 4.0 | 4.0 | 0.4 | 0.4 | 0.4 | 23.70 | 23.70 | 23.70 | 0.97 | 0.97 | 0.97 | 1.00 | 1.00 | 1.00 | | | | 500 | 500 | 500 |

WATER QUALITY OF GROUND WATER IN ASSAM, MEGHALAYA & TRIPURA - 2006

| CODE | LOCATION | TEMPERATURE °C | | | pH | | | CONDUCTIVITY (µmhos/cm) | | | C.O.D. (mg/l) | | | B.O.D. (mg/l) | | | NITRATE (mg/l) | | | NITRITE (mg/l) | | | AMMONIA - N (mg/l) | | | FAECAL COLIFORM (MPN/100 ml) | | | TOTAL COLIFORM (MPN/100 ml) | | |
|------|---|----------------|-----|------|------|------|------|-------------------------|-----|------|---------------|------|------|---------------|-----|------|----------------|------|------|----------------|------|-------|--------------------|------|------|------------------------------|------|------|-----------------------------|-------|-------|
| | | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN |
| 1533 | *DIGBOI, TINSUKIA DISTT., ASSAM | 28 | 28 | 28 | 6.60 | 6.60 | 6.60 | 432 | 432 | 432 | 14.2 | 14.2 | 14.2 | 1.8 | 1.8 | 1.8 | 1.24 | 1.24 | 1.24 | | | | 0.02 | 0.02 | 0.02 | | | | 72 | 72 | 72 |
| 1535 | *SIBSAGAR , ASSAM | 26 | 26 | 26 | 7.40 | 7.40 | 7.40 | 184 | 184 | 184 | 25.5 | 25.5 | 25.5 | 1.8 | 1.8 | 1.8 | 0.10 | 0.10 | 0.10 | | | | 0.02 | 0.02 | 0.02 | | | | 360 | 360 | 360 |
| 1536 | *SIBSAGAR, ASSAM | 23 | 23 | 23 | 6.50 | 6.50 | 6.50 | 310 | 310 | 310 | 13.2 | 13.2 | 13.2 | 2.0 | 2.0 | 2.0 | 0.04 | 0.04 | 0.04 | | | | 0.02 | 0.02 | 0.02 | | | | 60 | 60 | 60 |
| 1537 | *JORHAT, ASSAM | 20 | 20 | 20 | 7.00 | 7.00 | 7.00 | 649 | 649 | 649 | 15.0 | 15.0 | 15.0 | 0.6 | 0.6 | 0.6 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | | | | 1 | 1 | 1 |
| 1538 | *SILCHAR, ASSAM | 18 | 18 | 18 | 7.30 | 7.30 | 7.30 | 197 | 197 | 197 | 5.9 | 5.9 | 5.9 | 0.8 | 0.8 | 0.8 | 0.07 | 0.07 | 0.07 | | | | 0.02 | 0.02 | 0.02 | | | | 360 | 360 | 360 |
| 1539 | *BARPETA, ASSAM | 27 | 27 | 27 | 7.20 | 7.20 | 7.20 | 572 | 572 | 572 | 21.8 | 21.8 | 21.8 | 1.4 | 1.4 | 1.4 | 2.13 | 2.13 | 2.13 | | | | 0.02 | 0.02 | 0.02 | | | | 1 | 1 | 1 |
| 1540 | *BONAIGAON, ASSAM | 27 | 27 | 27 | 6.80 | 6.80 | 6.80 | 461 | 461 | 461 | 6.3 | 6.3 | 6.3 | 1.0 | 1.0 | 1.0 | 0.55 | 0.55 | 0.55 | | | | 0.02 | 0.02 | 0.02 | 9300 | 9300 | 9300 | 9301 | 9301 | 9301 |
| 1541 | *GUWAHATI, ASSAM | 23 | 23 | 23 | 7.20 | 7.20 | 7.20 | 668 | 668 | 668 | 21.1 | 21.1 | 21.1 | 0.7 | 0.7 | 0.7 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.02 | 0.02 | 0.02 | 73 | 73 | 73 | 210 | 210 | 210 |
| 1542 | *GUWAHATI, ASSAM | 21 | 21 | 21 | 6.70 | 6.70 | 6.70 | 892 | 892 | 892 | 33.1 | 33.1 | 33.1 | 2.6 | 2.6 | 2.6 | 0.09 | 0.09 | 0.09 | | | | 0.02 | 0.02 | 0.02 | 36 | 36 | 36 | 280 | 280 | 280 |
| 1634 | POLICE BAZAR, SHILLONG, MEGHALAYA | 14 | 14 | 14 | 6.70 | 6.70 | 6.70 | 190 | 190 | 190 | | | | 2.6 | 2.6 | 2.6 | 6.50 | 6.50 | 6.50 | | | | | | | 8 | 8 | 8 | 23 | 23 | 23 |
| 2054 | RAMHLUM (NORTHERN PART), Mizoram | 17 | 24 | 21 | 7.20 | 8.01 | 7.53 | 419 | 473 | 440 | | | | 0.7 | 0.7 | 0.7 | | | | | | | | | | | | | | | |
| 2055 | MISSION VENGTHLANG (SOUTHERN PART), Mizoram | 15 | 24 | 21 | 7.24 | 8.37 | 7.90 | 593 | 695 | 644 | | | | 0.8 | 0.8 | 0.8 | | | | | | | | | | | | | | | |
| 1635 | MAWLAI, SHILLONG, MEGHALAYA | 18 | 18 | 18 | 7.00 | 7.20 | 7.10 | 230 | 250 | 240 | | | | 2.0 | 3.0 | 2.5 | 6.9 | 7 | 6.95 | 0.04 | 0.09 | 0.065 | | | | 27 | 94 | 61 | 34 | 140 | 87 |
| 1636 | INDUSTRIAL ESTATE, BYRNIHAT, MEGHALAYA | 26 | 28 | 27 | 7.00 | 7.20 | 7.10 | 275 | 420 | 348 | | | | 1.4 | 1.5 | 1.5 | 1.5 | 2.8 | 2.15 | | | | | | | 22 | 22 | 22 | 33 | 34000 | 17017 |
| 1637 | SOHRA CHERRAPUNJEE, MEGHALAYA | 11 | 18 | 15 | 6.50 | 6.60 | 6.55 | 101 | 155 | 128 | | | | 0.3 | 0.5 | 0.4 | 2 | 2.2 | 2.1 | | | | | | | 13 | 17 | 15 | 21 | 26 | 24 |
| 1405 | WELL AT UDAIPUR (TUBEWELL), TRIPURA | 27 | 27 | 27 | 6.50 | 7.43 | 7.06 | 450 | 540 | 507 | 19.0 | 19.0 | 19.0 | 4.0 | 4.0 | 4.0 | 2.88 | 3.14 | 3.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 490 | 500 | 495 | 550 | 580 | 565 |
| 1406 | WELL AROUND UDAIPUR (TUBEWELL), TRIPURA | 26 | 27 | 26 | 7.65 | 7.76 | 7.72 | 160 | 325 | 255 | | | | | | | 0.02 | 0.09 | 0.05 | 0.1 | 0.1 | 0.1 | | | | | | | | | |
| 1730 | KUNJBAN, AGARTALA, TRIPURA | 26 | 29 | 28 | 5.10 | 5.76 | 5.43 | 145 | 150 | 148 | 30.0 | 30.0 | 30.0 | | | | 0.03 | 0.51 | 0.27 | 0.15 | 3.15 | 1.65 | 0.35 | 0.35 | 0.35 | 610 | 610 | 610 | 690 | 690 | 690 |
| 1731 | LANKAMURA, TRIPURA | 26 | 28 | 27 | 5.53 | 6.10 | 5.82 | 69 | 150 | 110 | 30.0 | 30.0 | 30.0 | | | | 0.13 | 0.51 | 0.32 | 3.15 | 3.15 | 3.15 | 0.35 | 0.35 | 0.35 | 610 | 610 | 610 | 690 | 690 | 690 |
| 1732 | A.D.NAGAR, AGARTALA, TRIPURA | 27 | 28 | 27 | 5.42 | 6.52 | 5.97 | 70 | 70 | 70 | | | | | | | 0.03 | 0.03 | 0.03 | | | | | | | | | | | | |
| 1733 | SHIBNAGAR, AGARTALA, TRIPURA | 27 | 27 | 27 | 6.25 | 6.41 | 6.33 | 145 | 166 | 156 | | | | | | | 0.03 | 0.03 | 0.03 | | | | | | | | | | | | |
| 1734 | GANDHIGRAM, AGARTALA, TRIPURA | 28 | 28 | 27 | 5.64 | 6.55 | 6.10 | 158 | 175 | 167 | | | | | | | 0.02 | 0.02 | 0.02 | | | | | | | | | | | | |