

NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF JUNE- 2020

| S.No. | Station code | Station name | District / RO | Programme | Frequency | Monitoring date | Sampling time | Weather | Depth (mtrs.) | Human activities | Floating matter | Colour | Odour | Flow (m ³ /Sec) | Water Temp. (°C) | DO (mg/L) | pH | Conductivity (mS/cm) | BOD (mg/L) | Nitrate-N (mg/L) | Nitrite-N (mg/L) | Nitrogen (mg/L) | Total Coliform (MPN/100ml) | Faecal Coliform (MPN/100ml) | Faecal Streptococci | Saprobity index | Diversity index | Turbidity (NTU) | Phen-Aik. (mg/L) | Total Aik. (mg/L) | Chloride (mg/L) | COD (mg/L) | TKN (mg/L) | Ammonia-N (mg/L) | Hardness (mg/L) | Calcium Hardness (mg/L) | Magnesium Hardness (mg/L) | Sulphate (mg/L) | Sodium (mg/L) | TDS (mg/L) | TFS (mg/L) | TSS (mg/L) | Phosphate (mg/L) | Boron (mg/L) | Potassium (mg/L) | Fluoride (mg/L) | %Sodium (mg/L) | SAR (mg/L) | Major polluting sources | Use of water in downstream |
|-------|--------------|--|----------------------|-----------|-----------|---|---------------|---------------|------------------|------------------------------|--------------------------|-----------|-----------|----------------------------|------------------|-----------|------|----------------------|------------|------------------|------------------|-----------------|----------------------------|-----------------------------|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|-----------------|------------|------------|------------------|-----------------|-------------------------|---------------------------|-----------------|---------------|------------|------------|------------|------------------|--------------|------------------|-----------------|----------------|-------------------------------|--------------------------------------|------------------------------|
| 1 | 25 | Upstream of river Krishna at Prakasam barrage | Krishna / Vijayawada | NWMP | Monthly | 06.06.2020 | 10.15 A.M | Clear | >1 mtr. | Bathing, Cloth washing etc. | --- | Clear | None | - | 26 | 7.1 | 7.92 | 687 | 1.2 | 0.64 | --- | 150 | <3 | BDL | --- | --- | 0.78 | 0.0 | 172 | 98 | <10 | 0.11 | 0.06 | 200 | 110 | 90 | 62 | 70 | 425 | 413 | 8 | 0.06 | 0.10 | 5 | 0.56 | 42.3 | 2.1 | Domestic | Irrigation purpose | |
| 2 | 1257 | Upstream of Pennar river at Somasila | Nellore / Nellore | NWMP | Monthly | 08.06.2020 | 02.00 P.M | Clear | 3-4 ft | Fishing & Agriculture | --- | Colorless | Odourless | - | 21 | 7.2 | 7.80 | 825 | 1.6 | 0.92 | --- | 380 | <3 | BDL | --- | --- | 1.06 | 0.0 | 182 | 122 | <10 | 0.12 | 0.06 | 248 | 132 | 116 | 79 | 80 | 520 | 508 | 6 | 0.10 | 0.20 | 4.8 | 0.60 | 40.5 | 2.2 | Domestic & agriculture | Domestic & Agriculture | |
| 3 | 1782 | Puligadda aqueduct near Avanigadda (V) | Krishna / Vijayawada | NWMP | Monthly | 11.06.2020 | 04.30 P.M | Clear | >1 mtr. | Cattle Washing, Boating | --- | Turbid | None | Medium | 26 | 4.8 | 7.68 | 30300 | 2.0 | 0.80 | --- | 150 | <3 | BDL | --- | --- | 0.94 | 0.0 | 134 | 550 | 12 | 0.14 | 0.08 | 4540 | 1000 | 3540 | 3020 | 5100 | 20600 | 22562 | 6 | 0.12 | 0.26 | 384 | 0.92 | 68.6 | 32.7 | Other | Fishing | |
| 4 | 1787 | River Krishna at Amaravathi | Guntur / Guntur | NWMP | Monthly | 06.06.2020 | 11.30 A.M | Clear | >100 cms. | Others | --- | Clear | None | - | 23 | 7.3 | 7.83 | 640 | 1.4 | 0.70 | --- | 120 | <3 | BDL | --- | --- | 0.80 | 0.0 | 160 | 92 | <10 | 0.12 | 0.06 | 184 | 86 | 98 | 54 | 60 | 398 | 390 | 4 | 0.18 | 0.24 | 5 | 0.86 | 40.5 | 1.9 | Other | Fishing | |
| 5 | 1786 | Downstream of Krishna river at Vedadri | Krishna / Vijayawada | NWMP | Monthly | 06.06.2020 | 03.00 P.M | Clear | Approx >1 mts | Bathing, cloth washing | --- | Clear | None | - | 27 | 7.6 | 7.97 | 715 | 1.8 | 0.76 | --- | 150 | <3 | BDL | --- | --- | 0.88 | 0.0 | 192 | 102 | <10 | 0.12 | 0.08 | 210 | 118 | 92 | 66 | 72 | 446 | 433 | 8 | 0.26 | 0.18 | 4 | 0.86 | 41.9 | 2.2 | Other | Cultivation | |
| 6 | 1790 | 2nd Causeway, Pulicot lake | Nellore / Nellore | NWMP | Monthly | 09.06.2020 | 11.00 A.M | Clear | 2-3ft | Fishing | --- | Colorless | Odourless | - | 21 | 4.8 | 7.98 | 24600 | 2.4 | 0.93 | --- | 120 | <3 | BDL | --- | --- | 0.96 | 0.0 | 164 | 7400 | 12 | 0.14 | 0.08 | 2480 | 822 | 1658 | 2040 | 4800 | 16200 | 16165 | 8 | 0.12 | 0.18 | 324 | 0.76 | 78.2 | 41.7 | Industrial & other | Industrial & Fishing | |
| 7 | 3051 | Budameru canal near BDG at NH-5, Keesarapalli | Krishna / Vijayawada | NWMP | Monthly | 22.06.2020 | 09.30 A.M | Clear | >1 mts | Fishing and Cloth Washing. | --- | Cloud | None | - | 26 | 5.5 | 7.22 | 1210 | 3.2 | 2.29 | --- | 460 | <3 | BDL | --- | --- | 1.82 | 0.0 | 358 | 186 | 20 | 2.06 | 1.90 | 384 | 196 | 188 | 58 | 116 | 784 | 756 | 12 | 2.03 | 0.92 | 14 | 0.96 | 38.4 | 2.6 | Other | Natural drain | |
| 8 | 3052 | Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada | Krishna / Vijayawada | NWMP | Monthly | 22.06.2020 | 08.30 A.M | Clear | <1 mts | --- | --- | Cloud | None | - | 26 | 5.2 | 6.89 | 1450 | 4.8 | 5.39 | --- | >2400 | 3 | BDL | --- | --- | 1.80 | 0.0 | 478 | 210 | 36 | 4.88 | 4.50 | 440 | 228 | 212 | 64 | 142 | 950 | 912 | 16 | 2.80 | 1.94 | 18 | 1.06 | 39.8 | 2.9 | Industrial, Domestic & others | Cultivation | |
| 9 | 1178 | Downstream of Paleru river at Jaggaiahpet | Krishna/ Vijayawada | NWMP | Monthly | 06.06.2020 | 2.15 P.M | Clear | Approx >1 mts | Others | Water hyacinth | Clear | None | - | 27 | 7.2 | 7.84 | 886 | 1.8 | 0.78 | --- | 240 | <3 | BDL | --- | --- | 0.99 | 0.0 | 224 | 126 | 12 | 0.16 | 0.10 | 284 | 154 | 130 | 92 | 79 | 574 | 560 | 6 | 0.24 | 0.28 | 5.74 | 0.68 | 36.9 | 2.0 | Other | Drinking water source to Jaggaiahpet | |
| 10 | 4375 | Pavitra Sangamam at Ibrahimpatnam | Krishna/ Vijayawada | NWMP | Monthly | 06.06.2020 | 11.30 A.M | Clear | Approx >1 mts | Bathing, Cloth washing etc. | None | Clear | None | - | 26 | 7.1 | 7.82 | 880 | 1.4 | 0.80 | --- | 120 | <3 | BDL | --- | --- | 0.88 | 0.0 | 210 | 126 | <10 | 0.14 | 0.08 | 256 | 130 | 126 | 84 | 89 | 560 | 548 | 6 | 0.20 | 0.18 | 5.12 | 0.90 | 42.3 | 2.4 | Domestic | Irrigation purpose | |
| 11 | 4381 | River Krishna after confluence with River Musi at Vadapalli (V), Guntur District | Guntur/ Guntur | NWMP | Monthly | 10.06.2020 | 11.30 A.M | Clear | >100 CM. | Fishing | - | Clear | None | - | 23 | 7.3 | 7.97 | 714 | 2.0 | 0.90 | --- | 240 | <3 | BDL | --- | --- | 0.72 | 0.0 | 134 | 104 | <10 | 0.12 | 0.06 | 176 | 82 | 94 | 71 | 72 | 446 | 432 | 6 | 0.18 | 0.26 | 4.30 | 0.82 | 46.1 | 2.4 | Other | Irrigation purpose | |
| 12 | 4384 | Infront of M/s Bhageeratha Chemicals & Industries Ltd., Cheruvukommupalem (V), Ongole (M), Prakasam District | Prakasam/ Ongole | NWMP | Monthly | 08.06.2020 | 10.20 A.M | Clear & Sunny | About 500 ft | Industries | --- | Colorless | Odorless | - | 30 | 4.1 | 7.70 | 8900 | 2.0 | 5.76 | --- | 64 | <3 | BDL | --- | --- | 1.48 | 0.0 | 150 | 2460 | 18 | 0.08 | 0.04 | 1740 | 688 | 1052 | 1008 | 1400 | 5600 | 5580 | 8 | 0.21 | 0.64 | 3.82 | 1.60 | 63.4 | 14.5 | Industrial | Industrial & Domestic | |
| 13 | 4383 | Sea Water Bay of Bengal Fishing Harbor, Nizampatnam | Guntur/ Guntur | NWMP | Monthly | 04.06.2020 | 02.30 P.M | Clear | Approx >100 mtr. | Fishing | --- | Clear | None | - | 23 | 4.4 | 7.86 | 39100 | 2.6 | 0.63 | --- | 75 | <3 | BDL | --- | --- | 0.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2084 | --- | 27700 | --- | --- | 0.21 | --- | --- | --- | --- | --- | --- | Other | Cultivation |
| 14 | 4385 | Sea Water, Bay of Bengal. Kothapatnam Beach, Prakasam District. | Prakasam/ Ongole | NWMP | Monthly | 08.06.2020 | 12.00 P.M | Clear & Sunny | Below 100m | Fishing & Salt Manufacturing | --- | Colorless | Odourless | - | 31 | 4.6 | 8.03 | 38210 | 2.4 | 0.62 | --- | 120 | <3 | BDL | --- | --- | 0.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1890 | --- | 26700 | --- | --- | 0.28 | --- | --- | --- | --- | --- | --- | Other | Fishing & Salt Manufacturing |
| 15 | 4386 | Sea Water Bay of Bengal, Vadarevu Beach, Chirala, Prakasam District | Prakasam/ Ongole | NWMP | Monthly | 08.06.2020 | 04.00 P.M | Clear & Sunny | Below 100m | Fishing | --- | Colorless | Odorless | - | 31 | 4.8 | 8.01 | 38020 | 2.8 | 0.69 | --- | 64 | <3 | BDL | --- | --- | 0.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1920 | --- | 26990 | --- | --- | 0.20 | --- | --- | --- | --- | --- | --- | Other | Fishing |
| 16 | 4378 | Sea Water Bay of Bengal Manginapudi Beach, Machilipatnam | Krishna / Vijayawada | NWMP | Monthly | 18.06.2020 | 03.30 P.M | Clear | Approx >1 mts | Bathing | - | None | None | - | 26 | 4.5 | 7.49 | 35160 | 2.6 | 0.83 | --- | 120 | <3 | BDL | --- | --- | 0.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2016 | - | 25300 | - | - | 0.14 | - | - | - | - | - | - | Other | Irrigation purpose |
| 17 | 4387 | Krishnapatnam Port | Nellore/ Nellore | NWMP | Monthly | 04.06.2020 | 03.00 P.M | Clear | 2-3 mtr. | Fishing | --- | Colorless | Odourless | - | 22 | 5.1 | 8.02 | 37320 | 2.6 | 0.68 | --- | 75 | <3 | BDL | --- | --- | 0.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1786 | --- | 26490 | --- | --- | 0.10 | --- | --- | --- | --- | --- | --- | Industrial / Other | Industrial and Fishig |
| 18 | 4379 | Upputeru before confluence with sea at Chinnagollapalem | Krishna / Vijayawada | NWMP | Monthly | 30.06.2020 | 03.00 P.M | Clear | Aprox >1mts | - | Water hyacinth | None | None | - | 26 | 5.2 | 7.88 | 38400 | 2.4 | 0.71 | --- | 64 | <3 | BDL | --- | --- | 0.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2110 | - | 27100 | - | - | 0.16 | - | - | - | - | - | - | Other | Irrigation purpose |
| 19 | 30 | River Pennar at Siddavatam, YSR District | Kadapa/ Kadapa | NWMP | Monthly | 05.06.2020 | 10:29 AM | Clear | 50-100 cm | Agriculture / Others | None | Clear | None | Moderate | 26°C | 5.8 | 7.5 | 993 | 1.8 | 0.4 | 0.03 | 100 | 600 | --- | --- | --- | 2.5 | --- | 122 | 180 | 16 | 0.5 | BDL | 157 | 110 | 47 | 109 | 153 | 605 | 460 | 13 | 0.02 | 1.2 | 6.3 | 0.9 | 67 | 5.3 | Domestic | Irrigation | |
| 20 | 1174 | River Thungabhadra at Bhavapuram | Kurnool / Kurnool | NWMP | Monthly | 10.06.2020 | 8:30 AM | Clear | 50-100 cms | Others | None | Clear | None | Moderate | 26°C | 5.4 | 7.6 | 1593 | 2.5 | 1 | 0.02 | 200 | 500 | --- | --- | --- | 16.0 | --- | 203 | 247 | 22 | 0.3 | BDL | 204 | 157 | 47 | 211 | 262 | 956 | 764 | 42 | 0.04 | 1.4 | 7.3 | 0.7 | 73 | 8.0 | Domestic | Irrigation | |
| 21 | 1175 | River Krishna at Sangameswaram | Kurnool / Kurnool | NWMP | Monthly | 08.06.2020 | 9:30 AM | Clear | 50-100 cm | Others | None | Clear | None | Moderate | 28°C | 5.9 | 7.5 | 982 | 1.7 | 0.4 | 0.04 | 100 | 500 | --- | --- | --- | 16.0 | --- | 175 | 133 | 14 | 0.8 | BDL | 192 | 110 | 82 | 118 | 137 | 587 | 470 | 29 | 0.1 | 1 | 3.3 | 0.7 | 60 | 4.3 | None | Irrigation | |
| 22 | 1255 | River Pennar at Unganoor | Anantapuram | NWMP | Monthly | Sample Not Collected due to dry condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 1256 | River Pennar at Pushpagiri | Kadapa/ Kadapa | NWMP | Monthly | 05.06.2020 | 09:50:PM | Clear | 50 - 100 cms | Agriculture / Others | None | Clear | None | Moderate | 26°C | 5.4 | 7.4 | 1041 | 2.2 | 0.4 | 0.05 | 100 | 700 | --- | --- | --- | 10.3 | --- | 150 | 165 | 19 | 0.5 | BDL | 165 | 71 | 94 | 127 | 161 | 628 | 502 | 12 | 0.02 | 1.5 | 6.3 | 0.8 | 67 | 5.4 | Domestic | Irrigation | |
| 24 | 1785 | River Thungabhadra at Manthralayam | Kurnool / Kurnool | NWMP | Monthly | 13.06.2020 | 9:15 AM | Clear | 50 - 100 cms | Others | None | Clear | None | Moderate | 28°C | 5.7 | 7.7 | 1400 | 2.5 | 2.1 | 0.08 | 100 | 600 | --- | --- | --- | 15 | --- | 244 | 188 | 23 | 1 | BDL | 199 | 102 | 97 | 165 | 224 | 840 | 672 | 14 | 0.02 | 1.4 | 6.5 | 0.9 | 70 | 6.9 | Domestic | Irrigation | |
| 25 | 2350 | River Hundri near Laxmipuram village | Kurnool/ Kurnool | NWMP | Monthly | Sample Not Collected due to dry condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 2351 | River Kundu at Nandyal | Kurnool/ Kurnool | NWMP | Monthly | 10.06.2020 | 10:00 AM | Clear | 50 - 100 | Others | None | Clear | None | Moderate | 26°C | 5.1 | 6.8 | 1433 | 2 | 0.8 | 0.04 | 300 | 900 | --- | --- | --- | 20.5 | --- | 317 | 180 | 16 | 1.8 | 1.1 | 208 | 157 | 51 | 122 | 221 | 860 | 688 | 25 | 0.7 | 1.7 | 20.0 | 0.9 | 67 | 6.7 | Town sewage | Irrigation | |
| 27 | 3083 | River Krishna D/s. of Srishailam (Pathalaganga) | Kurnool/ Kurnool | NWMP | Monthly | 13.06.2020 | 8:40 AM | Clear | > 100 cms | Bathing/ others | Flowers & Puja materials | Clear | None | Moderate | 27°C | 5.9 | 7.1 | 636 | 1.2 | 1.5 | 0.06 | 100 | 800 | --- | --- | --- | 6.5 | --- | 138 | 76 | 8 | 1.1 | 0.5 | 148 | 82 | 66 | 63 | 76 | 380 | 304 | 12 | 0.02 | 1.5 | 2.8 | 0.2 | 52 | 2.7 | Domestic | Irrigation | |
| 28 | 4389 | River Tungabhadra at Padidempadu (V), Kurnool (M), Kurnool district. | Kurnool/ Kurnool | NWMP | Monthly | 10.06.2020 | 9:30 AM | Clear | 50 - 100 cms | Others | None | Clear | None | Moderate | 28°C | 5.8 | 7.8 | 1943 | 2.3 | 1.1 | 0.06 | 100 | 800 | --- | --- | --- | | | | | | | | | | | | | | | | | | | | | | | | |

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|----|------|--|-----------------------|------|---------|---|----------|-------|------------|-------------------|------|-------|------|---|----|-----|------|-------|-----|------|------|----|-----|-----|---|---|------|-----|-----|-------|------|------|------|-----|-----|-----|-------|--------|-------|-------|----|------|------|-------|------|-------|------|--------------------------------|----------------------------------|
| 63 | 4370 | Krishna Canal at Hanuman Nagar, Near Saibaba Temple, Eluru | West Godavari / Eluru | NWMP | Monthly | 13.06.2020 | 05.30 PM | Clear | 100 cms | Cloth washings | None | Clear | None | - | 26 | 2.8 | 7.46 | 748 | 4.6 | 1.99 | 1.7 | 15 | 210 | - | - | - | 3.96 | 0.0 | 144 | 125.3 | 19.2 | 0.28 | 0.04 | 204 | 120 | 84 | 52.78 | 67.22 | 504 | 492 | 7 | 1.04 | 0.04 | 21.34 | 0.90 | 38.76 | 2.05 | Domestic, Agriculture & others | Irrigation & Fish ponds |
| 64 | 4371 | Sea water, Bay of Bengal, After confluence of River Vasista Godavari at Chinnamainavanilanka (V), Narasapuram (M), West Godavari District. | West Godavari / Eluru | NWMP | Monthly | 13.06.2020 | 12.15 PM | Clear | >100cms | Fishing & Bathing | None | Clear | None | - | 28 | 5.4 | 8.20 | 52500 | 2.4 | 0.71 | 0.28 | 7 | 64 | - | - | - | 2.20 | - | - | - | 0.14 | 0.06 | - | - | - | - | - | - | 37840 | 37820 | 4 | 0.02 | 0.22 | 321.9 | 0.81 | - | - | Domestic, Agriculture & others | Fishing & Bathing |
| 65 | 4372 | Gosthani River sample before confluence with M/s Delta Paper Mill effluents, Vendra (V), Palakoderu (M) | West Godavari / Eluru | NWMP | Monthly | 12.06.2020 | 04.30 PM | Clear | < 3 mtrs | Cloth washings | None | Clear | None | - | 26 | 1.0 | 7.53 | 1150 | 5.6 | 2.28 | 0.01 | 11 | 150 | NIL | - | - | 6.18 | 0.0 | 160 | 241 | 17.2 | 0.28 | 0.04 | 300 | 172 | 128 | 79.66 | 117.06 | 760 | 746 | 13 | 0.18 | 0.04 | 7.72 | 0.35 | 45.14 | 2.94 | Domestic, Agriculture & others | Irrigation & Fish ponds |
| 66 | 4373 | Gosthani River sample after confluence with M/s Delta Paper Mill effluents, Vendra (V), | West Godavari / Eluru | NWMP | Monthly | 12.06.2020 | 05.30 PM | Clear | < 3 mtrs | Cloth washings | None | Clear | None | - | 26 | 0.5 | 7.41 | 1200 | 6.4 | 2.27 | 0.01 | 21 | 240 | NIL | - | - | 9.97 | 0.0 | 112 | 269.9 | 18.4 | 0.56 | 0.12 | 340 | 240 | 100 | 84.16 | 122.16 | 804 | 792 | 16 | 0.15 | 0.06 | 7.33 | 0.78 | 43.24 | 2.88 | Domestic, Agriculture & others | Confluence with Yenamaduru drain |
| 67 | 4374 | Gostha Nadi-Velpuru Canal at Hanuman Temple D/s of Tanuku Town, Attili (M) | West Godavari / Eluru | NWMP | Monthly | 12.06.2020 | 09.30 AM | Clear | 50-100 cms | Cloth washings | None | Clear | None | - | 28 | 4.5 | 7.39 | 418 | 2.5 | 0.65 | 0.01 | 11 | 150 | - | - | - | 5.48 | 0.0 | 92 | 77.12 | 11.6 | 0.28 | 0.05 | 128 | 88 | 40 | 13.81 | 40.3 | 272 | 260 | 12 | 0.05 | 0.03 | 3.09 | 0.09 | 39.95 | 1.55 | Domestic, Agriculture & others | Drinking & Washing |
| 68 | 3079 | D/s of River Krishna after confluence with treated sewage discharging from 10MLD STP located at Ramalingeshwarnagar, Vijayawada | Krishna | NWMP | Monthly | Sample Not Collected due to dry condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |