

Status of Water Quality of River Ganga at Interstate Boundaries (September- 2022)
(In Compliance to Hon'ble NGT order dated 14.05.2019 in the matter of M. C. Mehta Vs Union of India & Ors.)

| WATER QUALITY OF RIVER GANGA (Sep-2022) | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------|---------------|-----------|------------------------------|---------------------|---------------------|-------------------------|---------|-------------------------|------------|-----------------------------|-----------------------------|
| S. No | Station code | Name of Monitoring Location | GPS Locations | | Boundary State Name | Monitoring agencies | Date of sampling | Dissolved Oxygen (mg/l) | pH | Conductivity (µmhos/cm) | BOD (mg/l) | Fecal Coliform (MPN/100 ml) | Total Coliform (MPN/100 ml) |
| Primary Water Quality Criteria for Outdoor Bathing notified by MoEF&CC | | | Latitude | Longitude | -- | | - | >5mg/l | 6.5-8.5 | - | <3mg/l | <2500 (MPN/100ml) | - |
| 1 | 30005 | Ganga at Sultanpur (U.K) (IRBM) | 29.641083 | 78.101750 | Exit point of Uttarakhand | RD-Lucknow | 7/9/2022 | 6.9 | 7.75 | 173 | 1(BDL) | NA | 2000 |
| 2 | 30006 | Ganga at Bijnor (U.P.) (IRBM) | 29.373472 | 78.040972 | Entry point of Uttar Pradesh | CPCB-HQ, Delhi | Monitored Quarterly | | | | | | |
| 3 | 30075 | Ganga at Tarighat Ghazipur (U.P.) (IRBM) | 25.587222 | 83.605361 | Exit point of Uttar Pradesh | RD-Lucknow | 27/9/2022 | 7.8 | 7.59 | 294 | 1.1 | 1.8(BDL) | 2000 |
| 4 | 10113 | River Ganga at U/s Jail Ghat, Buxar (Bihar) (NWMP) | 25.519940 | 83.900847 | Entry point of Bihar | Bihar | 8/9/2022 | 5.4 | 7.1 | 206 | 2.2 | 3300 | 13000 |
| | | | | | | | 21/9/2022 | 7.7 | 7.83 | 208 | 1.7 | 17000 | 22000 |
| 5 | 30076 | Ganga at Manjhighat (Bihar) (IRBM) | 25.733210 | 84.622470 | District Chhapra, Bihar | RD-Lucknow | 27/9/2022 | 7.9 | 7.5 | 312 | 2.3 | 17000 | 1300000 |
| 6 | 10143 | River Ganga at D/s near cremation ghat (Bihar) (NWMP) | 25.281489 | 87.247598 | Exit point of Bihar | Bihar | 2/9/2022 | 5.6 | 7.2 | 197 | 2.7 | 2300 | 3300 |
| | | | | | | | 16/9/2022 | 6.6 | 7.47 | 225 | 2.1 | 35000 | 54000 |
| 7 | 10144 | River Ganga U/s near LCT Ghat (Jharkhand) (NWMP) | 25.292498 | 87.631830 | Entry point of Jharkhand | Jharkhand | 10/9/2022 | 7.2 | 7.5 | 104 | 1.2 | NA | NA |
| | | | | | | | 24/9/2022 | 6.9 | 7.4 | 118 | 1.1 | NA | NA |
| 8 | 1059 | Ganga at Raj Mahal (Bihar) (NWMP) | 25.054889 | 87.838639 | Exit point of Jharkhand | Jharkhand | 10/9/2022 | 6.8 | 7.5 | 132 | 1.3 | NA | NA |
| | | | | | | | 24/9/2022 | 7.2 | 7.5 | 122 | 1.2 | NA | NA |
| 9 | 10159 | River Ganga at Khagra, Beharapore (W.B.) (NWMP) | 24.100623 | 88.243263 | Entry point of West Bengal | West Bengal | 1/9/2022 | 6 | 7.83 | 256 | 1.7 | 1700 | 3500 |
| | | | | | | | 22/9/2022 | 6.4 | 7.82 | 247 | 1.9 | 1300 | 1700 |
| 10 | 1469 | Ganga at Diamond Harbour (W.B.) (NWMP) | 22.183389 | 88.186222 | Last point of West Bengal | West Bengal | 6/9/2022 | 5.4 | 7.26 | 325 | 3 | 2300 | 7900 |
| | | | | | | | 21/9/2022 | 5.4 | 6.93 | 344 | 3 | 4500 | 7800 |

Abbreviations

1. IRBM- Interstate River Boundary Monitoring
2. NWMP-National Water Quality Monitoring Programme
3. BDL- Below Detection Limit

For frequency of monitoring

1. 'F'- Fortnight
2. 'M'- Monthly
3. 'Q'- Quarterly

Status of Water Quality of River Ganga at Interstate Boundaries (October- 2022)
(In Compliance to Hon'ble NGT order dated 14.05.2019 in the matter of M. C. Mehta Vs Union of India & Ors.)

| WATER QUALITY OF RIVER GANGA (Oct-2022) | | | | | | | | | | | | | |
|------------------------------------------------------------------------|--------------|-------------------------------------------------------|---------------|-----------|------------------------------|---------------------|---------------------|-------------------------|---------|-------------------------|------------|-----------------------------|-----------------------------|
| S. No | Station code | Name of Monitoring Location | GPS Locations | | Boundary State Name | Monitoring agencies | Date of sampling | Dissolved Oxygen (mg/l) | pH | Conductivity (µmhos/cm) | BOD (mg/l) | Fecal Coliform (MPN/100 ml) | Total Coliform (MPN/100 ml) |
| Primary Water Quality Criteria for Outdoor Bathing notified by MoEF&CC | | | Latitude | Longitude | — | | — | >5mg/l | 6.5-8.5 | - | <3mg/l | <2500 (MPN/100ml) | - |
| 1 | 30005 | Ganga at Sultanpur (U.K) (IRBM) | 29.641083 | 78.101750 | Exit point of Uttarakhand | RD-Lucknow | Monitored Quarterly | | | | | | |
| 2 | 30006 | Ganga at Bijnor (U.P.) (IRBM) | 29.373472 | 78.040972 | Entry point of Uttar Pradesh | CPCB-HQ, Delhi | Monitored Quarterly | | | | | | |
| 3 | 30075 | Ganga at Tarighat Ghazipur (U.P.) (IRBM) | 25.587222 | 83.605361 | Exit point of Uttar Pradesh | RD-Lucknow | Monitored Quarterly | | | | | | |
| 4 | 10113 | River Ganga at U/s Jail Ghat, Buxar (Bihar) (NWMP) | 25.519940 | 83.900847 | Entry point of Bihar | Bihar | 10/10/2022 | 7.5 | 7.63 | 246 | 1.1 | 35000 | 160000 |
| | | | | | | | 26/10/2022 | 8 | 7.82 | 402 | 1.4 | 92000 | 160000 |
| 5 | 30076 | Ganga at Manjhighat (Bihar) (IRBM) | 25.733210 | 84.622470 | District Chhapra, Bihar | RD-Lucknow | Monitored Quarterly | | | | | | |
| 6 | 10143 | River Ganga at D/s near Cremation Ghat (Bihar) (NWMP) | 25.281489 | 87.247598 | Exit point of Bihar | Bihar | 5/10/2022 | 5.6 | 7.52 | 232 | 2.8 | 92000 | 160000 |
| | | | | | | | 21/10/2022 | 5.8 | 7.32 | 210 | 2.9 | 54000 | 160000 |
| 7 | 10144 | River Ganga U/s near LCT Ghat (Jharkhand) (NWMP) | 25.292498 | 87.631830 | Entry point of Jharkhand | Jharkhand | 8/10/2022 | 7 | 7.5 | 116 | 1.2 | NA | NA |
| | | | | | | | 17/10/2022 | 7.1 | 7.5 | 116 | 1.2 | NA | NA |
| 8 | 1059 | Ganga at Raj Mahal (Bihar) (NWMP) | 25.054889 | 87.838639 | Exit point of Jharkhand | Jharkhand | 8/10/2022 | 7.2 | 7.5 | 120 | 1.3 | NA | NA |
| | | | | | | | 17/10/2022 | 6.9 | 7.6 | 116 | 1.2 | NA | NA |
| 9 | 10159 | River Ganga at Khagra, Beharapmore (W.B.) (NWMP) | 24.100623 | 88.243263 | Entry point of West Bengal | West Bengal | 11/10/2022 | 6.6 | 7.85 | 275 | 2.3 | 1300 | 2400 |
| | | | | | | | 17/10/2022 | 6.6 | 7.78 | 241 | 1(BDL) | 490 | 1300 |
| 10 | 1469 | Ganga at Diamond Harbour (W.B.) (NWMP) | 22.183389 | 88.186222 | Last point of West Bengal | West Bengal | 14/10/2022 | 6.4 | 7.55 | 784 | 2.7 | 4500 | 7800 |
| | | | | | | | 18/10/2022 | 6.2 | 7.09 | 310 | 2.1 | 2300 | 7900 |

Abbreviations

1. IRBM- Interstate River Boundary Monitoring
2. NWMP-National Water Quality Monitoring Programme
3. BDL- Below Detection Limit

For frequency of monitoring

1. 'F'- Fortnight
2. 'M'- Monthly
3. 'Q'- Quarterly

Status of Water Quality of River Ganga at Interstate Boundaries (November- 2022)
(In Compliance to Hon'ble NGT order dated 14.05.2019 in the matter of M. C. Mehta Vs Union of India & Ors.)

| WATER QUALITY OF RIVER GANGA (Nov-2022) | | | | | | | | | | | | | |
|------------------------------------------------------------------------|--------------|-------------------------------------------------------|---------------|-----------|------------------------------|---------------------|---------------------|-------------------------|---------|-------------------------|------------|-----------------------------|-----------------------------|
| S. No | Station code | Name of Monitoring Location | GPS Locations | | Boundary State Name | Monitoring agencies | Date of sampling | Dissolved Oxygen (mg/l) | pH | Conductivity (µmhos/cm) | BOD (mg/l) | Fecal Coliform (MPN/100 ml) | Total Coliform (MPN/100 ml) |
| Primary Water Quality Criteria for Outdoor Bathing notified by MoEF&CC | | | Latitude | Longitude | Water Quality Criteria | | - | >5mg/l | 6.5-8.5 | - | <3mg/l | <2500 (MPN/100ml) | - |
| 1 | 30005 | Ganga at Sultanpur (U.K) (IRBM) | 29.641083 | 78.101750 | Exit point of Uttarakhand | RD-Lucknow | Monitored Quarterly | | | | | | |
| 2 | 30006 | Ganga at Bijnor (U.P.) (IRBM) | 29.373472 | 78.040972 | Entry point of Uttar Pradesh | CPCB-HQ, Delhi | Monitored Quarterly | | | | | | |
| 3 | 30075 | Ganga at Tarighat Ghazipur (U.P.) (IRBM) | 25.587222 | 83.605361 | Exit point of Uttar Pradesh | RD-Lucknow | Monitored Quarterly | | | | | | |
| 4 | 10113 | River Ganga at U/s Jail Ghat, Buxar (Bihar) (NWMP) | 25.519940 | 83.900847 | Entry point of Bihar | Bihar | 3/11/2022 | 8.4 | 7.78 | 331 | 1(BDL) | 54000 | 160000 |
| | | | | | | | 14/11/2022 | 8.3 | 7.36 | 348 | 1.5 | 92000 | 160000 |
| 5 | 30076 | Ganga at Manjhighat (Bihar) (IRBM) | 25.733210 | 84.622470 | District Chhapra, Bihar | RD-Lucknow | Monitored Quarterly | | | | | | |
| 6 | 10143 | River Ganga at D/s near cremation ghat (Bihar) (NWMP) | 25.281489 | 87.247598 | Exit point of Bihar | Bihar | 4/11/2022 | 5.4 | 7.42 | 289 | 1.5 | 240000 | 350000 |
| | | | | | | | 18/11/2022 | 7 | 7.38 | 224 | 2.3 | 350000 | 540000 |
| 7 | 10144 | River Ganga U/s near LCT Ghat (Jharkhand) (NWMP) | 25.292498 | 87.631830 | Entry point of Jharkhand | Jharkhand | 5/11/2022 | 7.1 | 7.5 | 114 | 1.1 | NA | NA |
| | | | | | | | 23/11/2022 | 7 | 7.5 | 114 | 1.2 | NA | NA |
| 8 | 1059 | Ganga at Raj Mahal (Bihar) (NWMP) | 25.054889 | 87.838639 | Exit point of Jharkhand | Jharkhand | 5/11/2022 | 7 | 7.5 | 114 | 1.2 | NA | NA |
| | | | | | | | 23/11/2022 | 7.2 | 7.5 | 108 | 1.1 | NA | NA |
| 9 | 10159 | River Ganga at Khagra, Beharapmore (W.B.) (NWMP) | 24.100623 | 88.243263 | Entry point of West Bengal | West Bengal | 3/11/2022 | 7.6 | 7.9 | 240 | 2.7 | 700 | 1100 |
| | | | | | | | 30/11/2022 | 8 | 8.1 | 361 | 1.1 | 790 | 1400 |
| 10 | 1469 | Ganga at Diamond Harbour (W.B.) (NWMP) | 22.183389 | 88.186222 | Last point of West Bengal | West Bengal | 14/11/2022 | 6.7 | 7.58 | 1407 | 3 | 3100 | 8400 |
| | | | | | | | 28/11/2022 | 6.5 | 7.33 | 2780 | 3.7 | 6800 | 11000 |

Abbreviations

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For frequency of monitoring

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Status of Water Quality of River Ganga at Interstate Boundaries (December- 2022)
(In Compliance to Hon'ble NGT order dated 14.05.2019 in the matter of M. C. Mehta Vs Union of India & Ors.)

| WATER QUALITY OF RIVER GANGA (Dec-2022) | | | | | | | | | | | | | |
|------------------------------------------------------------------------|--------------|-------------------------------------------------------|---------------|-----------|------------------------------|---------------------|------------------|-------------------------|---------|-------------------------|------------|-----------------------------|-----------------------------|
| S. No | Station code | Name of Monitoring Location | GPS Locations | | Boundary State Name | Monitoring agencies | Date of sampling | Dissolved Oxygen (mg/l) | pH | Conductivity (µmhos/cm) | BOD (mg/l) | Fecal Coliform (MPN/100 ml) | Total Coliform (MPN/100 ml) |
| Primary Water Quality Criteria for Outdoor Bathing notified by MoEF&CC | | | Latitude | Longitude | — | | — | >5mg/l | 6.5-8.5 | - | <3mg/l | <2500 (MPN/100ml) | - |
| 1 | 30005 | Ganga at Sultanpur (U.K) (IRBM) | 29.641083 | 78.101750 | Exit point of Uttarakhand | RD-Lucknow | 13/12/2022 | 9.5 | 8.09 | 271 | 1(BDL) | 1.8(BDL) | 1.8(BDL) |
| 2 | 30006 | Ganga at Bijnor (U.P.) (IRBM) | 29.373472 | 78.040972 | Entry point of Uttar Pradesh | CPCB-HQ, Delhi | 1/12/2022 | 7.2 | 8 | 258 | 1(BDL) | 400 | 35000 |
| 3 | 30075 | Ganga at Tarighat Ghazipur (U.P.) (IRBM) | 25.587222 | 83.605361 | Exit point of Uttar Pradesh | RD-Lucknow | 28/12/2022 | 8.1 | 7.33 | 612 | 1(BDL) | 3300 | 24000 |
| 4 | 10113 | River Ganga at U/s Jail Ghat, Buxar (Bihar) (NWMP) | 25.519940 | 83.900847 | Entry point of Bihar | Bihar | 5/12/2022 | 8.7 | 7.2 | 363 | 2 | 3400 | 13000 |
| | | | | | | | 20/12/2022 | 9.3 | 7.42 | 404 | 1(BDL) | 22000 | 54000 |
| 5 | 30076 | Ganga at Manjhighat (Bihar) (IRBM) | 25.733210 | 84.622470 | District Chhapra, Bihar | RD-Lucknow | 28/12/2022 | — | 7.92 | 609 | 1(BDL) | 2100 | 2600 |
| 6 | 10143 | River Ganga at D/s near cremation ghat (Bihar) (NWMP) | 25.281489 | 87.247598 | Exit point of Bihar | Bihar | 9/12/2022 | 8.6 | 7.4 | 337 | 1.6 | 92000 | 160000 |
| | | | | | | | 23/12/2022 | 9 | 7.42 | 331 | 1(BDL) | 92000 | 160000 |
| 7 | 10144 | River Ganga U/s near LCT Ghat (Jharkhand) (NWMP) | 25.292498 | 87.631830 | Entry point of Jharkhand | Jharkhand | 2/12/2022 | 7.3 | 7.6 | 112 | 1.1 | NA | NA |
| | | | | | | | 16/12/2022 | 7.2 | 7.5 | 108 | 1.1 | NA | NA |
| 8 | 1059 | Ganga at Raj Mahal (Bihar) (NWMP) | 25.054889 | 87.838639 | Exit point of Jharkhand | Jharkhand | 2/12/2022 | 7.2 | 7.6 | 108 | 1.1 | NA | NA |
| | | | | | | | 16/12/2022 | 7.2 | 7.5 | 104 | 1.1 | NA | NA |
| 9 | 10159 | River Ganga at Khagra, Beharampore (W.B.) (NWMP) | 24.100623 | 88.243263 | Entry point of West Bengal | West Bengal | 12/12/2022 | 8.5 | 8.18 | 372 | 1.5 | 1100 | 2800 |
| | | | | | | | 30/12/2022 | 8.4 | 8.2 | 395 | 1.5 | 1400 | 2400 |
| 10 | 1469 | Ganga at Diamond Harbour (W.B.) (NWMP) | 22.183389 | 88.186222 | Last point of West Bengal | West Bengal | 13/12/2022 | 7 | 7.75 | 1695 | 3.5 | 7800 | 13000 |
| | | | | | | | 27/12/2022 | 6.8 | 7.08 | 2761 | 3.4 | 6800 | 11000 |

Abbreviations

1. IRBM- Interstate River Boundary Monitoring
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For frequency of monitoring

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3. 'Q'- Quarterly