

# WATER QUALITY INDEX OF SURFACE WATER BODIES AT DIFFERENT LOCATION IN MEGHALAYA UNDER NWMP FOR DECEMBER 2024

| Station Code | WATER QUALITY CRITERIA →                 | pH<br>6.5 -<br>8.5 | DO<br>>5.0<br>mg/l | BOD<br><3.0mg/l | FC<br><2500MPN/100ml | TC<br><5000MPN/100ml | FS<br><500<br>MPN/100ml | Water Quality<br>Status |
|--------------|------------------------------------------|--------------------|--------------------|-----------------|----------------------|----------------------|-------------------------|-------------------------|
|              | LOCATION NAME<br>↓                       |                    |                    |                 |                      |                      |                         |                         |
| 1347         | UMIAM                                    | 7.2                | 6.3                | 4.1             | 430                  | 2800                 | 170                     | Not Satisfactory        |
| 3346         | UMIAM LAKE AT OUTFALL OF UMIAM RIVER     | 7.0                | 5.5                | 4.9             | 840                  | 4300                 | 430                     | Not Satisfactory        |
| 3347         | UMIAM LAKE MIDDLE POINT                  | 7.2                | 6.5                | 3.9             | 360                  | 2200                 | 150                     | Not Satisfactory        |
| 3348         | UMIAM LAKE NEAR UNITED CHRISTIAN COLLEGE | 7.1                | 6.8                | 3.7             | 380                  | 2400                 | 210                     | Not Satisfactory        |
| 1348         | WARD'S LAKE                              | 7.0                | 8.2                | 1.3             | 270                  | 840                  | 70                      | Satisfactory            |
| 3350         | UMKHEN AT WAHKDAIT                       | 6.9                | 6.9                | 1.7             | 40                   | 790                  | 17                      | Satisfactory            |
| 3351         | UMKHEN AT KSEHPONGDENG                   | 7.1                | 7.1                | 1.6             | 11                   | 280                  | 4                       | Satisfactory            |
| 3352         | UMKHEN AT DIENGPASOH                     | 7.0                | 7.0                | 1.7             | 13                   | 330                  | 4                       | Satisfactory            |
| 3353         | UMIAM MAWPHLANG AT NONGKREM              | 7.1                | 6.8                | 2.1             | 430                  | 1300                 | 84                      | Satisfactory            |
| 3354         | UMIAM MAWPHLANG UMTYNGNGAR               | 7.1                | 7.3                | 1.9             | 49                   | 540                  | 10                      | Satisfactory            |
| 3355         | UMIAM MAWPHLANG AT MAWPHLANG             | 6.9                | 7.4                | 1.6             | 23                   | 430                  | 4                       | Satisfactory            |
| 3356         | UMIAM MAWPHLANG AT SHELLA                | 7.2                | 7.6                | 1.0             | 4                    | 38                   | 2                       | Satisfactory            |
| 3357         | UMNGOT RIVER AT SMIT                     | 7.0                | 7.3                | 1.0             | 33                   | 540                  | 6                       | Satisfactory            |
| 3358         | UMNGOT RIVER AT DAWKI                    | 6.8                | 7.9                | 1.0             | 6                    | 33                   | 2                       | Satisfactory            |
| 3363         | UMSHYRPI AT RISA COLONY                  | 7.0                | 7.4                | 1.8             | 11                   | 110                  | 4                       | Satisfactory            |
| 3364         | UMSHYRPI NEAR LAW COLLEGE                | 6.8                | 1.7                | 27.0            | 34000                | 94000                | 7900                    | Not Satisfactory        |
| 3365         | UMSHYRPI AT UMSHYRPI BRIDGE              | 7.0                | 5.0                | 8.6             | 4100                 | 23000                | 2100                    | Not Satisfactory        |
| 3359         | UMKHRAH AT DEMTHRING                     | 7.2                | 2.6                | 15.0            | 7900                 | 38000                | 3100                    | Not Satisfactory        |
| 3360         | UMKHRAH AT UMKALIAR                      | 7.0                | 5.2                | 4.6             | 2700                 | 8400                 | 1100                    | Not Satisfactory        |
| 3361         | UMKHRAH AT NEAR SLAUGHTER HOUSE          | 7.1                | 1.9                | 24.0            | 23000                | 79000                | 6300                    | Not Satisfactory        |
| 3362         | UMKHRAH AT MAWPDANG MAWLAI               | 6.9                | 2.2                | 21.0            | 21000                | 70000                | 5800                    | Not Satisfactory        |
| 1422         | UMTREW AT BYRNIHAT                       | 7.0                | 7.1                | 2.2             | 630                  | 4300                 | 430                     | Satisfactory            |
| 3366         | UMTREW AT UMRAN                          | 7.0                | 7.3                | 1.4             | 170                  | 630                  | 49                      | Satisfactory            |
| 3368         | NONBAH AT PHODSOHSAT                     | 7.2                | 6.7                | 2.1             | 23                   | 350                  | 4                       | Satisfactory            |
| 3367         | NONBAH AT NONGSTOIN                      | 7.0                | 6.9                | 2.1             | 790                  | 4500                 | 350                     | Satisfactory            |

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|--------------|-----------------------------------------------------|--------------------|--------------------|-----------------|----------------------|----------------------|-------------------------|-------------------------|
|              | LOCATION NAME<br>↓                                  |                    |                    |                 |                      |                      |                         |                         |
| 3369         | KYN Shi AT SOHIONG                                  | 7.0                | 7.3                | 1.4             | 4                    | 210                  | 2                       | Satisfactory            |
| 3370         | KYN Shi AT NONGKHNUM                                | 7.0                | 7.9                | 1.0             | 4                    | 40                   | 2                       | Satisfactory            |
| 3371         | KYN Shi AT RANIKOR                                  | 6.4                | 7.4                | 1.0             | 4                    | 120                  | 2                       | Satisfactory            |
| 3372         | RILANG RIVER AT MAWKYRWAT                           | 7.0                | 8.0                | 1.1             | 13                   | 110                  | 2                       | Satisfactory            |
| 3373         | WAHBLEI AT RIANGDO                                  | 7.1                | 7.5                | 1.3             | 23                   | 210                  | 4                       | Satisfactory            |
| 3374         | WAHBLEI AT SHADDKHAR                                | 6.5                | 7.7                | 1.5             | 14                   | 140                  | 2                       | Satisfactory            |
| 1631         | MYNTDU AT JOWAI                                     | 6.9                | 7.4                | 1.8             | 430                  | 3300                 | 280                     | Satisfactory            |
| 3379         | MYNTDU AT LESHKA                                    | 4.5                | 7.4                | 1.4             | 11                   | 140                  | 6                       | Not Satisfactory        |
| 1459         | THADLASKEIN                                         | 7.0                | 7.9                | 1.0             | 10                   | 110                  | 2                       | Satisfactory            |
| 1428         | KYRHUKHLA                                           | 3.1                | 7.2                | 1.9             | <1.8                 | <1.8                 | <1.8                    | Not Satisfactory        |
| 3375         | LUNAR RIVER (TRIBUTARY OF LUKHA RIVER) AT MYNDIHATI | 3.0                | 6.7                | 2.3             | <1.8                 | <1.8                 | <1.8                    | Not Satisfactory        |
| 3376         | LUKHA RIVER AT SUNAPUR                              | 6.9                | 7.0                | 1.4             | 6                    | 130                  | 2                       | Satisfactory            |
| 3377         | MYNTANG RIVER AT NARTIANG                           | 7.0                | 7.3                | 1.9             | 27                   | 280                  | 4                       | Satisfactory            |
| 3378         | MYNTANG RIVER AT MYNSO                              | 6.8                | 7.6                | 1.3             | 2                    | 43                   | 2                       | Satisfactory            |
| 1632         | GANOL AT TURA                                       | 6.9                | 7.4                | 1.9             | 230                  | 1200                 | 70                      | Satisfactory            |
| 1633         | SIMSANG AT WILLIAMNAGAR                             | 7.0                | 7.4                | 2.1             | 63                   | 430                  | 21                      | Satisfactory            |
| 3349         | TASEK LAKE AT SONGSAK                               | 6.9                | 7.2                | 1.7             | 36                   | 410                  | 11                      | Satisfactory            |
| 3380         | DAMRING AT RESUBELPARA                              | 7.1                | 7.5                | 1.2             | 40                   | 490                  | 6                       | Satisfactory            |
| 3381         | MANDA AT JAMPA                                      | 7.0                | 7.3                | 1.6             | 21                   | 350                  | 2                       | Satisfactory            |
| 3382         | MANDA AT WAGAI SI                                   | 7.0                | 7.4                | 1.8             | 17                   | 430                  | 2                       | Satisfactory            |
| 3383         | BUGI AT MEBANPARA                                   | 6.9                | 7.0                | 1.9             | 43                   | 350                  | 14                      | Satisfactory            |
| 3384         | DALU                                                | 6.9                | 6.9                | 2.7             | 150                  | 540                  | 23                      | Satisfactory            |
| 4304         | RIVER SDERKARIAH SOHRA (CHERRAPUNJEE)               | 4.3                | 8.0                | 1.0             | <1.8                 | 23                   | <1.8                    | Not Satisfactory        |
| 4305         | LAITRYNGEW STREAM LAITRYNEW                         | 4.1                | 7.5                | 1.4             | <1.8                 | 33                   | <1.8                    | Not Satisfactory        |
| 4306         | WAH KHLEK KHLEK RIVER SAITSOHPEN                    | 7.0                | 8.0                | 1.1             | 6                    | 110                  | 4                       | Satisfactory            |
| 4307         | WAH REW RIVER                                       | 7.1                | 8.1                | 1.0             | 4                    | 43                   | 2                       | Satisfactory            |
| 4308         | UMNGI RIVER AT JAKREM                               | 7.1                | 7.7                | 1.4             | 2                    | 49                   | 2                       | Satisfactory            |

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| 4309         | UMNGI RIVER AT UMPUNG          | 6.9             | 7.9             | 1.0             | 10                   | 130                  | 4                    | Satisfactory         |
| 4310         | RWANG RIVER AT RWANG           | 7.1             | 7.6             | 1.4             | 12                   | 130                  | 4                    | Satisfactory         |
| 4311         | KALIPAI RIVER AT RYMBAI        | 2.9             | 7.5             | 1.2             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4312         | KME UM RIVER RYMBAI            | 2.8             | 7.0             | 1.1             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4313         | WAIKHYRWI RIVER MOOKHLHOT      | 3.0             | 7.4             | 1.0             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4314         | KWAI RIVER SUTNGA MAWPUN       | 3.3             | 7.5             | 1.5             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4315         | LUKHA RIVER KHADDUM            | 6.9             | 8.0             | 1.1             | 4                    | 110                  | 1.8                  | Satisfactory         |
| 4316         | MYNTDU RIVER MIH MYNTDU        | 7.0             | 7.3             | 1.7             | 70                   | 540                  | 21                   | Satisfactory         |
| 4317         | LAMU RIVER AT LESHKA           | 6.8             | 7.5             | 1.0             | 6                    | 130                  | 4                    | Satisfactory         |
| 4318         | LYNRIANG RIANG RIVER AT LESHKA | 2.9             | 7.1             | 1.4             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4319         | UMIUREM RIVER IALE             | 3.6             | 7.6             | 1.0             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4320         | KUPLI RIVER IOOKSI             | 3.5             | 6.8             | 1.6             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4321         | KUPLI RIVER KHANDONG           | 3.4             | 7.0             | 1.5             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4322         | THLUMUWI RIVER AT THLUMUWI     | 4.1             | 7.9             | 1.0             | <1.8                 | <1.8                 | <1.8                 | Not Satisfactory     |
| 4326         | SIMSANG RIVER AT BAGHMERE      | 7.0             | 7.5             | 1.4             | 27                   | 430                  | 10                   | Satisfactory         |
| 4110         | NONGAL RIVER AT NONGALBIBRA    | 4.1             | 7.3             | 1.7             | <1.8                 | 17                   | <1.8                 | Not Satisfactory     |
| 4111         | SIMSANG RIVER NONGALBIBRA      | 7.0             | 7.6             | 1.3             | 27                   | 350                  | 4                    | Satisfactory         |
| 4112         | GANOL RIVER TURA AT GAROBADHA  | 6.8             | 7.4             | 1.7             | 14                   | 350                  | 4                    | Satisfactory         |
| 4113         | DAMRING RIVER AT BOLDANGRE     | 7.0             | 7.8             | 1.6             | 17                   | 380                  | 4                    | Satisfactory         |