

**WATER QUALITY INDEX OF SURFACE WATER BODIES AT DIFFERENT LOCATION IN MEGHALAYA UNDER NWMP FOR AUGUST 2021**

| Station Code | WATER QUALITY CRITERIA →                 | pH<br>6.5 -<br>8.5 | DO<br>>4.0<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                                    | 7.1                | 6.7                | 5.4             | 410                  | 1200                 | 48                      | Not Satisfactory        |
| 3346         | UMIAM LAKE AT OUTFALL OF UMIAM RIVER     | 7.5                | 5.8                | 6.0             | 440                  | 1300                 | 54                      | Not Satisfactory        |
| 3347         | UMIAM LAKE MIDDLE POINT                  | 7.2                | 6.6                | 5.5             | 320                  | 940                  | 40                      | Not Satisfactory        |
| 3348         | UMIAM LAKE NEAR UNITED CHRISTIAN COLLEGE | 7.2                | 6.5                | 5.8             | 380                  | 1100                 | 43                      | Not Satisfactory        |
| 1348         | WARD'S LAKE                              | 7.1                | 6.8                | 2.7             | 94                   | 390                  | 21                      | Satisfactory            |
| 3350         | UMKHEN AT WAHKDAIT                       | 6.9                | 7.0                | 1.8             | 21                   | 430                  | 8                       | Satisfactory            |
| 3351         | UMKHEN AT KSEHPONGDENG                   | 7.2                | 7.0                | 1.3             | 4                    | 110                  | 2                       | Satisfactory            |
| 3352         | UMKHEN AT DIENGPASOH                     | 7.2                | 7.0                | 1.5             | 12                   | 130                  | 2                       | Satisfactory            |
| 3353         | UMIAM MAWPHLANG AT NONGKREM              | 6.9                | 6.8                | 1.6             | 49                   | 540                  | 11                      | Satisfactory            |
| 3354         | UMIAM MAWPHLANG UMTYNGNGAR               | 6.9                | 7.0                | 1.7             | 17                   | 420                  | 4                       | Satisfactory            |
| 3355         | UMIAM MAWPHLANG AT MAWPHLANG             | 6.8                | 7.1                | 1.7             | 21                   | 350                  | 4                       | Satisfactory            |
| 3356         | UMIAM MAWPHLANG AT SHELLA                | 8.1                | 7.5                | 1.5             | 2                    | 63                   | --                      | Satisfactory            |
| 3357         | UMNGOT RIVER AT SMIT                     | 6.9                | 6.8                | 1.6             | 14                   | 210                  | 6                       | Satisfactory            |
| 3358         | UMNGOT RIVER AT DAWKI                    | 7.0                | 7.3                | 1.0             | 2                    | 49                   | 2                       | Satisfactory            |
| 3363         | UMSHYRPI AT RISA COLONY                  | 7.2                | 7.2                | 1.6             | 2                    | 79                   | 2                       | Satisfactory            |
| 3364         | UMSHYRPI NEAR LAW COLLEGE                | 7.0                | 3.5                | 19.7            | 14000                | 49000                | 2500                    | Not Satisfactory        |
| 3365         | UMSHYRPI AT UMSHYRPI BRIDGE              | 6.7                | 6.5                | 8.0             | 4200                 | 9400                 | 1100                    | Not Satisfactory        |
| 3359         | UMKHRAH AT DEMTHRING                     | 7.1                | 3.8                | 17.0            | 11000                | 33000                | 2200                    | Not Satisfactory        |
| 3360         | UMKHRAH AT UMKALIAR                      | 7.1                | 6.4                | 6.5             | 4600                 | 13000                | 1200                    | Not Satisfactory        |
| 3361         | UMKHRAH ATNEAR SLAUGHTER HOUSE           | 7.1                | 3.7                | 18.5            | 17000                | 58000                | 2400                    | Not Satisfactory        |
| 3362         | UMKHRAH AT MAWPDANG MAWLAI               | 7.5                | 3.6                | 17.7            | 13000                | 49000                | 2300                    | Not Satisfactory        |
| 1422         | UMTREW AT BYRNIHAT                       | 7.3                | 6.9                | 2.5             | 230                  | 2100                 | 46                      | Satisfactory            |
| 3366         | UMTREW AT UMRAN                          | 7.3                | 7.1                | 1.5             | 49                   | 540                  | 14                      | Satisfactory            |
| 3368         | NONBAH AT PHODSOHSAT                     | 7.0                | 7.1                | 1.3             | 2                    | 110                  | 2                       | Satisfactory            |
| 3367         | NONBAH AT NONGSTOIN                      | 7.5                | 7.0                | 2.4             | 320                  | 1200                 | 44                      | Satisfactory            |

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|              | LOCATION NAME<br>↓                                  |                    |                    |                 |                      |                      |                         |                         |
| 3369         | KYN Shi AT SOHIONG                                  | 6.7                | 7.1                | 1.4             | 21                   | 220                  | --                      | Satisfactory            |
| 3370         | KYN Shi AT NONGKHNUM                                | 6.9                | 7.3                | 1.4             | 8                    | 70                   | --                      | Satisfactory            |
| 3371         | KYN Shi AT RANIKOR                                  | 6.7                | 7.3                | 1.6             | 6                    | 63                   | 2                       | Satisfactory            |
| 3372         | RILANG RIVER AT MAWKYRWAT                           | 6.8                | 7.3                | 1.5             | 2                    | 43                   | 2                       | Satisfactory            |
| 3373         | WAHBLEI AT RIANGDO                                  | 6.9                | 6.8                | 1.5             | 4                    | 79                   | 2                       | Satisfactory            |
| 3374         | WAHBLEI AT SHADDKHAR                                | 6.7                | 7.0                | 1.4             | 12                   | 150                  | 6                       | Satisfactory            |
| 1631         | MYNTDU AT JOWAI                                     | 7.2                | 7.3                | 2.3             | 310                  | 1100                 | 33                      | Satisfactory            |
| 3379         | MYNTDU AT LESHKA                                    | 6.0                | 7.2                | 1.4             | 21                   | 150                  | 4                       | Not Satisfactory        |
| 1459         | THADLASKEIN   | 7.1                | 7.0                | 1.6             | 15                   | 170                  | 4                       | Satisfactory            |
| 1428         | KYRHUKHLA   | 3.7                | 7.3                | 2.1             | BDL                  | 17                   | BDL                     | Not Satisfactory        |
| 3375         | LUNAR RIVER (TRIBUTARY OF LUKHA RIVER) AT MYNDIHATI | 3.2                | 7.0                | 2.4             | BDL                  | BDL                  | BDL                     | Not Satisfactory        |
| 3376         | LUKHA RIVER AT SUNAPUR                              | 7.6                | 7.4                | 1.4             | 12                   | 70                   | 4                       | Satisfactory            |
| 3377         | MYNTANG RIVER AT NARTIANG                           | 6.8                | 7.1                | 1.5             | 22                   | 230                  | 6                       | Satisfactory            |
| 3378         | MYNTANG RIVER AT MYNSO                              | 6.8                | 7.3                | 1.1             | 10                   | 46                   | 4                       | Satisfactory            |
| 1632         | GANOL AT TURA                                       | 7.4                | 7.1                | 1.7             | 150                  | 430                  | --                      | Satisfactory            |
| 1633         | SIMSANG AT WILLIAMNAGAR                             | 7.2                | 7.1                | 1.6             | 140                  | 410                  | --                      | Satisfactory            |
| 3349         | TASEK LAKE AT SONGSAK                               | 7.1                | 6.8                | 1.8             | 120                  | 490                  | --                      | Satisfactory            |
| 3380         | DAMRING AT RESUBELPARA                              | 7.1                | 7.1                | 1.7             | 61                   | 410                  | --                      | Satisfactory            |
| 3381         | MANDA AT JAMPA                                      | 6.8                | 6.7                | 1.9             | 40                   | 320                  | --                      | Satisfactory            |
| 3382         | MANDA AT WAGAI SI                                   | 7.2                | 7.5                | 1.2             | 37                   | 310                  | --                      | Satisfactory            |
| 3383         | BUGI AT MEBANPARA                                   | 7.2                | 7.0                | 1.7             | 37                   | 320                  | --                      | Satisfactory            |
| 3384         | DALU  | 7.3                | 7.0                | 1.6             | 31                   | 330                  | --                      | Satisfactory            |
| 4304         | RIVER SDERKARIAH SOHRA (CHERRAPUNJEE)               | 4.8                | 7.1                | 1.8             | 4                    | 63                   | 2                       | Not Satisfactory        |
| 4305         | LAITRYNGEW STREAM LAITRYNEW                         | 4.5                | 7.0                | 1.7             | 6                    | 30                   | 2                       | Not Satisfactory        |
| 4306         | WAH KHLEK KHLEK RIVER SAITSOHPEN                    | 6.9                | 7.3                | 1.6             | 2                    | 49                   | 2                       | Satisfactory            |
| 4307         | WAH REW RIVER                                       | 6.9                | 7.5                | 1.4             | BDL                  | 4                    | BDL                     | Satisfactory            |
| 4308         | UMNGI RIVER AT JAKREM                               | 7.2                | 7.3                | 1.5             | 7                    | 40                   | 2                       | Satisfactory            |

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| 4309         | UMNGI RIVER AT UMPUNG          | 7.1                | 7.7                | 1.2             | 4                    | 43                   | 2                       | Satisfactory               |
| 4310         | RWIANG RIVER AT RWIANG         | 7.0                | 7.2                | 1.4             | 9                    | 48                   | 2                       | Satisfactory               |
| 4311         | KALIPAI RIVER AT RYMBAI        | 3.2                | 6.9                | 1.5             | BDL                  | BDL                  | BDL                     | Not<br>Satisfactory        |
| 4312         | KME UM RIVER RYMBAI            | 2.8                | 7.0                | 1.5             | BDL                  | BDL                  | BDL                     | Not<br>Satisfactory        |
| 4313         | WAIKHYRWI RIVER MOOKLHLOT      | 3.2                | 6.8                | 1.5             | BDL                  | BDL                  | BDL                     | Not<br>Satisfactory        |
| 4314         | KWAI RIVER SUTNGA MAWPUN       | 4.4                | 6.8                | 1.4             | BDL                  | BDL                  | BDL                     | Not<br>Satisfactory        |
| 4315         | LUKHA RIVER KHADDUM            | 6.0                | 6.9                | 1.5             | BDL                  | 32                   | BDL                     | Not<br>Satisfactory        |
| 4316         | MYNTDU RIVER MIH MYNTDU        | 6.9                | 7.1                | 1.6             | 36                   | 410                  | 12                      | Satisfactory               |
| 4317         | LAMU RIVER AT LESHKA           | 7.2                | 7.3                | 1.6             | 22                   | 120                  | 13                      | Satisfactory               |
| 4318         | LYNRIANG RIANG RIVER AT LESHKA | 4.6                | 7.1                | 1.2             | 6                    | 40                   | 2                       | Not<br>Satisfactory        |
| 4319         | UMIUREM RIVER IALE             | 4.5                | 7.2                | 1.6             | BDL                  | 22                   | BDL                     | Not<br>Satisfactory        |
| 4320         | KUPLI RIVER IOOKSI             | 4.4                | 7.3                | 1.5             | BDL                  | 21                   | BDL                     | Not<br>Satisfactory        |
| 4321         | KUPLI RIVER KHANDONG           | 4.5                | 7.0                | 1.6             | BDL                  | 120                  | BDL                     | Not<br>Satisfactory        |
| 4322         | THLUMUWI RIVER AT THLUMUWI     | 4.9                | 7.5                | 1.3             | 11                   | 63                   | 4                       | Not<br>Satisfactory        |
| 4326         | SIMSANG RIVER AT BAGHMERE      | 7.1                | 7.3                | 1.2             | 30                   | 310                  | --                      | Satisfactory               |
| 4110         | NONGAL RIVER AT NONGALBIBRA    | 4.3                | 7.0                | 1.5             | 31                   | 210                  | --                      | Not<br>Satisfactory        |
| 4111         | SIMSANG RIVER NONGALBIBRA      | 7.1                | 7.5                | 1.3             | 33                   | 220                  | --                      | Satisfactory               |
| 4112         | GANOL RIVER TURA AT GAROBADHA  | 6.8                | 7.0                | 1.8             | 30                   | 350                  | --                      | Satisfactory               |
| 4113         | DAMRING RIVER AT BOLDANGRE     | 7.2                | 7.2                | 1.4             | 39                   | 410                  | --                      | Satisfactory               |