

**WATER QUALITY INDEX OF SURFACE WATER BODIES AT DIFFERENT LOCATION IN MEGHALAYA UNDER NWMP FOR JULY 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                                    | 7.0                | 6.8                | 5.5             | 390                  | 1100                 | 46                      | Not Satisfactory        |
| 3346         | UMIAM LAKE AT OUTFALL OF UMIAM RIVER     | 6.8                | 5.5                | 6.2             | 460                  | 1400                 | 58                      | Not Satisfactory        |
| 3347         | UMIAM LAKE MIDDLE POINT                  | 6.9                | 6.5                | 5.8             | 330                  | 920                  | 41                      | Not Satisfactory        |
| 3348         | UMIAM LAKE NEAR UNITED CHRISTIAN COLLEGE | 6.9                | 6.7                | 5.6             | 410                  | 1100                 | 49                      | Not Satisfactory        |
| 1348         | WARD'S LAKE                              | 7.0                | 7.2                | 2.5             | 84                   | 380                  | 17                      | Satisfactory            |
| 3350         | UMKHEN AT WAHKDAIT                       | 6.8                | 6.8                | 2.0             | 24                   | 410                  | 9                       | Satisfactory            |
| 3351         | UMKHEN AT KSEHPONGDENG                   | 7.1                | 6.7                | 1.5             | 6                    | 120                  | 2                       | Satisfactory            |
| 3352         | UMKHEN AT DIENGPASOH                     | 7.1                | 6.8                | 1.7             | 14                   | 140                  | 4                       | Satisfactory            |
| 3353         | UMIAM MAWPHLANG AT NONGKREM              | 6.8                | 6.4                | 1.9             | 58                   | 630                  | 12                      | Satisfactory            |
| 3354         | UMIAM MAWPHLANG UMTYNGGAR                | 6.8                | 6.8                | 1.9             | 21                   | 430                  | 4                       | Satisfactory            |
| 3355         | UMIAM MAWPHLANG AT MAWPHLANG             | 6.8                | 7.3                | 1.5             | 24                   | 420                  | 6                       | Satisfactory            |
| 3356         | UMIAM MAWPHLANG AT SHELLA                | 8.0                | 7.3                | 1.7             | 2                    | 79                   | --                      | Satisfactory            |
| 3357         | UMNGOT RIVER AT SMIT                     | 6.8                | 6.4                | 1.8             | 17                   | 210                  | 7                       | Satisfactory            |
| 3358         | UMNGOT RIVER AT DAWKI                    | 7.1                | 7.0                | 1.2             | 2                    | 58                   | 2                       | Satisfactory            |
| 3363         | UMSHYRPI AT RISA COLONY                  | 7.2                | 7.0                | 1.8             | 2                    | 84                   | 2                       | Satisfactory            |
| 3364         | UMSHYRPI NEAR LAW COLLEGE                | 7.0                | 3.0                | 22.0            | 17000                | 58000                | 2700                    | Not Satisfactory        |
| 3365         | UMSHYRPI AT UMSHYRPI BRIDGE              | 6.9                | 6.0                | 9.0             | 4900                 | 11000                | 1200                    | Not Satisfactory        |
| 3359         | UMKHRAH AT DEMTHRING                     | 6.8                | 3.2                | 17.5            | 15000                | 38000                | 2400                    | Not Satisfactory        |
| 3360         | UMKHRAH AT UMKALIAR                      | 6.8                | 6.0                | 7.0             | 4800                 | 14000                | 1300                    | Not Satisfactory        |
| 3361         | UMKHRAH ATNEAR SLAUGHTER HOUSE           | 6.9                | 3.2                | 20.0            | 21000                | 63000                | 3400                    | Not Satisfactory        |
| 3362         | UMKHRAH AT MAWPDANG MAWLAI               | 6.9                | 3.3                | 18.0            | 20000                | 58000                | 2700                    | Not Satisfactory        |
| 1422         | UMTREW AT BYRNIHAT                       | 6.9                | 7.2                | 2.3             | 220                  | 1700                 | 49                      | Satisfactory            |
| 3366         | UMTREW AT UMRAN                          | 7.0                | 6.9                | 1.7             | 46                   | 520                  | 13                      | Satisfactory            |
| 3368         | NONBAH AT PHODSOHSAT                     | 7.2                | 7.3                | 2.2             | 340                  | 1300                 | 43                      | Satisfactory            |
| 3367         | NONBAH AT NONGSTOIN                      | 7.2                | 7.3                | 2.2             | 340                  | 1300                 | 43                      | Satisfactory            |

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|              | LOCATION NAME<br>↓                                  |                    |                    |                 |                      |                      |                         |                         |
| 3369         | KYN Shi AT SOHIONG                                  | 7.0                | 3.8                | 1.6             | 22                   | 230                  | --                      | Satisfactory            |
| 3370         | KYN Shi AT NONGKHNUM                                | 7.0                | 7.0                | 1.2             | 10                   | 79                   | --                      | Satisfactory            |
| 3371         | KYN Shi AT RANIKOR                                  | 6.6                | 7.4                | 1.4             | 6                    | 70                   | 2                       | Satisfactory            |
| 3372         | RILANG RIVER AT MAWKYRWAT                           | 7.2                | 7.2                | 1.3             | 4                    | 49                   | 2                       | Satisfactory            |
| 3373         | WAHBLEI AT RIANGDO                                  | 6.8                | 6.4                | 1.8             | 6                    | 84                   | 2                       | Satisfactory            |
| 3374         | WAHBLEI AT SHADDKHAR                                | 6.6                | 6.8                | 1.7             | 14                   | 170                  | 6                       | Satisfactory            |
| 1631         | MYNTDU AT JOWAI                                     | 6.8                | 7.5                | 2.1             | 330                  | 1100                 | 31                      | Satisfactory            |
| 3379         | MYNTDU AT LESHKA                                    | 5.7                | 6.8                | 1.3             | 24                   | 170                  | 6                       | Not Satisfactory        |
| 1459         | THADLASKEIN   | 6.9                | 6.8                | 1.9             | 17                   | 150                  | 4                       | Satisfactory            |
| 1428         | KYRHUKHLA   | 3.5                | 7.2                | 2.3             | BDL                  | 12                   | BDL                     | Not Satisfactory        |
| 3375         | LUNAR RIVER (TRIBUTARY OF LUKHA RIVER) AT MYNDIHATI | 2.9                | 7.0                | 2.6             | BDL                  | BDL                  | BDL                     | Not Satisfactory        |
| 3376         | LUKHA RIVER AT SUNAPUR                              | 6.9                | 7.2                | 1.4             | 14                   | 63                   | 4                       | Satisfactory            |
| 3377         | MYNTANG RIVER AT NARTIANG                           | 6.7                | 6.8                | 1.7             | 24                   | 240                  | 8                       | Satisfactory            |
| 3378         | MYNTANG RIVER AT MYNSO                              | 6.7                | 6.9                | 1.3             | 11                   | 48                   | 4                       | Satisfactory            |
| 1632         | GANOL AT TURA                                       | 7.2                | 7.4                | 1.6             | 170                  | 460                  | --                      | Satisfactory            |
| 1633         | SIMSANG AT WILLIAMNAGAR                             | 7.1                | 7.4                | 1.5             | 150                  | 420                  | --                      | Satisfactory            |
| 3349         | TASEK LAKE AT SONGSAK                               | 6.9                | 6.8                | 1.6             | 130                  | 520                  | --                      | Satisfactory            |
| 3380         | DAMRING AT RESUBELPARA                              | 7.2                | 7.0                | 1.5             | 79                   | 430                  | --                      | Satisfactory            |
| 3381         | MANDA AT JAMPA                                      | 6.7                | 7.0                | 1.6             | 46                   | 320                  | --                      | Satisfactory            |
| 3382         | MANDA AT WAGAI SI                                   | 7.1                | 7.2                | 1.5             | 48                   | 330                  | --                      | Satisfactory            |
| 3383         | BUGI AT MEBANPARA                                   | 7.1                | 7.4                | 1.5             | 43                   | 350                  | --                      | Satisfactory            |
| 3384         | DALU  | 7.1                | 7.2                | 1.5             | 36                   | 350                  | --                      | Satisfactory            |
| 4304         | RIVER SDERKARIAH SOHRA (CHERRAPUNJEE)               | 4.7                | 7.4                | 1.6             | 12                   | 70                   | 4                       | Not Satisfactory        |
| 4305         | LAI TRYNGEW STREAM LAITRYNEW                        | 4.3                | 7.2                | 1.5             | 4                    | 41                   | 2                       | Not Satisfactory        |
| 4306         | WAH KHLEK KHLEK RIVER SAITSOHPEN                    | 6.8                | 7.5                | 1.4             | 4                    | 63                   | 2                       | Satisfactory            |
| 4307         | WAH REW RIVER                                       | 6.8                | 7.7                | 1.2             | BDL                  | 2                    | BDL                     | Satisfactory            |
| 4308         | UMNGI RIVER AT JAKREM                               | 7.1                | 7.5                | 1.3             | 12                   | 42                   | 4                       | Satisfactory            |

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| 4309         | UMNGI RIVER AT UMPUNG            | 6.8                | 7.4                | 1.5             | 4                    | 43                   | 2                       | Satisfactory            |
| 4310         | RWIAN RIVER AT RWIAN             | 7.1                | 7.4                | 1.6             | 11                   | 49                   | 4                       | Satisfactory            |
| 4311         | KALIPAI RIVER AT RYMBAI          | 3.1                | 6.6                | 1.4             | BDL                  | BDL                  | BDL                     | Not Satisfactory        |
| 4312         | KME UM RIVER RYMBAI              | 2.7                | 6.9                | 1.7             | BDL                  | BDL                  | BDL                     | Not Satisfactory        |
| 4313         | WAIKHWRWI RIVER MOOKLHLOT        | 3.1                | 6.3                | 1.6             | BDL                  | BDL                  | BDL                     | Not Satisfactory        |
| 4314         | KWAI RIVER SUTNGA MAWPUN         | 4.3                | 6.5                | 1.5             | BDL                  | 24                   | BDL                     | Not Satisfactory        |
| 4315         | LUKHA RIVER KHADDUM              | 5.8                | 6.7                | 1.5             | 7                    | 70                   | 2                       | Not Satisfactory        |
| 4316         | MYNTDU RIVER MIH MYNTDU          | 6.8                | 7.0                | 1.4             | 38                   | 430                  | 17                      | Satisfactory            |
| 4317         | LAMU RIVER AT LESHKA             | 7.1                | 7.5                | 1.4             | 21                   | 30                   | 12                      | Satisfactory            |
| 4318         | LYNRIANG RIANG RIVER AT LESHKA   | 4.4                | 7.2                | 1.4             | 6                    | 38                   | 2                       | Satisfactory            |
| 4319         | UMIUREM RIVER IALE               | 4.4                | 7.1                | 1.5             | BDL                  | 21                   | BDL                     | Not Satisfactory        |
| 4320         | KUPLI RIVER IOOKSI               | 4.6                | 7.0                | 1.6             | BDL                  | 14                   | BDL                     | Not Satisfactory        |
| 4321         | KUPLI RIVER KHANDONG             | 4.6                | 7.2                | 1.4             | BDL                  | 110                  | BDL                     | Not Satisfactory        |
| 4322         | THLUMUWI RIVER AT THLUMUWI       | 4.7                | 7.9                | 1.5             | 12                   | 70                   | 4                       | Not Satisfactory        |
| 4326         | SIMSANG RIVER AT BAGHMERE        | 6.9                | 7.2                | 1.4             | 32                   | 330                  | --                      | Satisfactory            |
| 4110         | NONGAL RIVER AT NONGALBIBRA      | 4.0                | 7.2                | 1.4             | 33                   | 210                  | --                      | Not Satisfactory        |
| 4111         | SIMSANG RIVER NONGALBIBRA        | 6.9                | 7.4                | 1.4             | 38                   | 230                  | --                      | Satisfactory            |
| 4112         | GANOL RIVER TURA AT<br>GAROBADHA | 6.7                | 7.2                | 1.6             | 31                   | 410                  | --                      | Satisfactory            |
| 4113         | DAMRING RIVER AT BOLDANGRE       | 7.1                | 7.4                | 1.5             | 41                   | 420                  | --                      | Satisfactory            |