

**WATER QUALITY INDEX OF SURFACE WATER BODIES AT DIFFERENT LOCATION IN MEGHALAYA UNDER NWMP FOR JUNE 2022**

| Station Code | WATER QUALITY CRITERIA →<br>LOCATION NAME<br>↓ | pH<br>6.5 -<br>8.5 | DO<br>>5.0<br>mg/l | BOD<br><3.0<br>mg/l | FC<br><2500MPN/100ml | TC<br><5000MPN/100ml | FS<br><500 MPN/100ml | Water Quality Status |
|--------------|--|--------------------|--------------------|---------------------|----------------------|----------------------|----------------------|----------------------|
|              |  |                    |                    |                     |                      |                      |                      |                      |
| 1347         | UMIAM  | 7.2                | 6.8                | 4.6                 | 470                  | 2200                 | 70                   | Not Satisfactory     |
| 3346         | UMIAM LAKE AT OUTFALL OF UMIAM RIVER           | 6.7                | 5.6                | 6.2                 | 630                  | 2300                 | 110                  | Not Satisfactory     |
| 3347         | UMIAM LAKE MIDDLE POINT                        | 7.1                | 6.6                | 4.4                 | 430                  | 2000                 | 120                  | Not Satisfactory     |
| 3348         | UMIAM LAKE NEAR UNION CHRISTIAN COLLEGE        | 7.0                | 6.0                | 4.3                 | 320                  | 1400                 | 79                   | Not Satisfactory     |
| 1348         | WARD'S LAKE                                    | 7.1                | 8.8                | 1.4                 | 130                  | 630                  | 31                   | Satisfactory         |
| 3350         | UMKHEN AT WAHKDAIT                             | 6.8                | 6.8                | 1.8                 | 41                   | 920                  | 17                   | Satisfactory         |
| 3351         | UMKHEN AT KSEHPONGDENG                         | 6.8                | 8.1                | 1.0                 | 13                   | 210                  | 7                    | Satisfactory         |
| 3352         | UMKHEN AT DIENGPASOH                           | 7.1                | 7.8                | 1.4                 | 23                   | 210                  | 6                    | Satisfactory         |
| 3353         | UMIAM MAWPHLANG AT NONGKREM                    | 6.8                | 7.2                | 1.7                 | 130                  | 920                  | 27                   | Satisfactory         |
| 3354         | UMIAM MAWPHLANG UMTYNGNGAR                     | 6.9                | 7.4                | 2.0                 | 41                   | 840                  | 17                   | Satisfactory         |
| 3355         | UMIAM MAWPHLANG AT MAWPHLANG                   | 6.8                | 7.8                | 1.5                 | 38                   | 430                  | 12                   | Satisfactory         |
| 3356         | UMIAM MAWPHLANG AT SHELLA                      | 7.7                | 8.5                | 1.0                 | 4                    | 63                   | 2                    | Satisfactory         |
| 3357         | UMNGOT RIVER AT SMIT                           | 6.9                | 6.8                | 2.0                 | 30                   | 540                  | 17                   | Satisfactory         |
| 3358         | UMNGOT RIVER AT DAWKI                          | 7.1                | 8.2                | 1.0                 | <1.8                 | 41                   | <1.8                 | Satisfactory         |
| 3363         | UMSHYRPI AT RISA COLONY                        | 6.7                | 7.2                | 1.3                 | 9                    | 83                   | 2                    | Satisfactory         |
| 3364         | UMSHYRPI NEAR LAW COLLEGE                      | 6.8                | 2.4                | 18.0                | 22000                | 49000                | 2100                 | Not Satisfactory     |
| 3365         | UMSHYRPI AT UMSHYRPI BRIDGE                    | 6.9                | 5.8                | 9.2                 | 6100                 | 17000                | 1100                 | Not Satisfactory     |
| 3359         | UMKHRAH AT DEMTHRING                           | 6.8                | 3.8                | 16.0                | 21000                | 43000                | 3100                 | Not Satisfactory     |
| 3360         | UMKHRAH AT UMKALIAR                            | 7.1                | 5.6                | 13.0                | 4100                 | 23000                | 1700                 | Not Satisfactory     |
| 3361         | UMKHRAH AT SLAUGHTER HOUSE                     | 7.0                | 3.2                | 20.0                | 23000                | 70000                | 3800                 | Not Satisfactory     |
| 3362         | UMKHRAH AT MAWPDANG MAWLAI                     | 7.0                | 2.6                | 23.0                | 24000                | 79000                | 3900                 | Not Satisfactory     |
| 1422         | UMTREW AT BYRNIHAT                             | 7.0                | 7.2                | 1.9                 | 280                  | 1700                 | 110                  | Satisfactory         |
| 3366         | UMTREW AT UMRAN                                | 6.8                | 6.8                | 1.4                 | 110                  | 790                  | 33                   | Satisfactory         |
| 3368         | NONBAH AT PHODSOHSAT                           | 7.1                | 7.2                | 1.2                 | 4                    | 79                   | 2                    | Satisfactory         |
| 3367         | NONBAH AT NONGSTOIN                            | 6.8                | 7.8                | 1.8                 | 430                  | 2300                 | 120                  | Satisfactory         |
| 3369         | KYN Shi AT SOHIONG                             | 7.0                | 6.9                | 1.0                 | 17                   | 240                  | 4                    | Satisfactory         |

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|--------------|---|-----------|-----------|-----------|----------------|----------------|----------------|----------------------|
|              |   | 6.5 - 8.5 | >5.0 mg/l | <3.0 mg/l | <2500MPN/100ml | <5000MPN/100ml | <500 MPN/100ml |                      |
| 3370         | KYN Shi AT NONGKHNUM                                | 7.3       | 7.6       | 1.0       | <1.8           | 43             | <1.8           | Satisfactory         |
| 3371         | KYN Shi AT RANIKOR                                  | 6.8       | 8.2       | 1.2       | 7              | 110            | 2              | Satisfactory         |
| 3372         | RILANG RIVER AT MAWKYRWAT                           | 7.2       | 7.0       | 1.0       | <1.8           | 33             | <1.8           | Satisfactory         |
| 3373         | WAHBLEI AT RIANGDO                                  | 7.1       | 7.6       | 1.1       | 8.1            | 120            | 2              | Satisfactory         |
| 3374         | WAHBLEI AT SHADDKHAR                                | 6.8       | 8.1       | 1.0       | 6              | 94             | 2              | Satisfactory         |
| 1631         | MYNTDU AT JOWAI                                     | 7.1       | 7.4       | 1.7       | 220            | 920            | 94             | Satisfactory         |
| 3379         | MYNTDU AT LESHKA                                    | 6.0       | 7.9       | 1.5       | 31             | 220            | 10             | Not Satisfactory     |
| 1459         | THADLASKEIN   | 6.9       | 7.3       | 1.2       | 17             | 170            | 4              | Satisfactory         |
| 1428         | KYRHUKHLA   | 3.9       | 7.0       | 2.0       | <1.8           | 21             | <1.8           | Not Satisfactory     |
| 3375         | LUNAR RIVER (TRIBUTARY OF LUKHA RIVER) AT MYNDIHATI | 3.2       | 6.8       | 2.0       | <1.8           | <1.8           | <1.8           | Not Satisfactory     |
| 3376         | LUKHA RIVER AT SUNAPUR                              | 7.4       | 7.4       | 1.4       | 17             | 170            | 7              | Satisfactory         |
| 3377         | MYNTANG RIVER AT NARTIANG                           | 7.0       | 7.9       | 1.2       | 31             | 280            | 10             | Satisfactory         |
| 3378         | MYNTANG RIVER AT MYNSO                              | 7.0       | 8.1       | 1.0       | 11             | 49             | 2              | Satisfactory         |
| 1632         | GANOL AT TURA                                       | 7.1       | 7.2       | 1.6       | 220            | 700            | 63             | Satisfactory         |
| 1633         | SIMSANG AT WILLIAMNAGAR                             | 7.1       | 7.3       | 1.3       | 210            | 580            | 49             | Satisfactory         |
| 3349         | TASEK LAKE AT SONGSAK                               | 6.8       | 6.7       | 1.2       | 170            | 490            | 23             | Satisfactory         |
| 3380         | DAMRING AT RESUBELPARA                              | 7.2       | 7.8       | 1.4       | 84             | 490            | 21             | Satisfactory         |
| 3381         | MANDA AT JAMPA                                      | 6.6       | 7.4       | 1.7       | 58             | 480            | 24             | Satisfactory         |
| 3382         | MANDA AT WAGAI SI                                   | 7.1       | 7.9       | 1.0       | 49             | 540            | 23             | Satisfactory         |
| 3383         | BUGI AT MEBANPARA                                   | 7.1       | 7.5       | 1.3       | 60             | 470            | 21             | Satisfactory         |
| 3384         | DALU  | 7.2       | 7.5       | 1.3       | 94             | 460            | 33             | Satisfactory         |
| 4304         | RIVER SDERKARIAH SOHRA (CHERRAPUNJEE)               | 4.7       | 8.2       | 1.0       | <1.8           | 48             | 1.8            | Not Satisfactory     |
| 4305         | LAITRYNGEW STREAM LAITRYNEW                         | 4.4       | 7.4       | 1.2       | 2              | 49             | 2              | Not Satisfactory     |
| 4306         | WAH KHLEK KHLEK RIVER SAITSOHPEN                    | 7.0       | 7.0       | 1.2       | <1.8           | 46             | 1.8            | Satisfactory         |
| 4307         | WAH REW RIVER                                       | 7.1       | 7.8       | 1.0       | <1.8           | 4              | <1.8           | Satisfactory         |
| 4308         | UMNGI RIVER AT JAKREM                               | 7.1       | 8.4       | 1.0       | <1.8           | 33             | <1.8           | Satisfactory         |

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|--------------|--|-----------|-----------|-----------|----------------|----------------|----------------|----------------------|
|              |  | 6.5 - 8.5 | >5.0 mg/l | <3.0 mg/l | <2500MPN/100ml | <5000MPN/100ml | <500 MPN/100ml |                      |
| 4309         | UMNGI RIVER AT UMPUNG                          | 6.8       | 7.8       | 1.0       | 2              | 94             | 2              | Satisfactory         |
| 4310         | RWIANG RIVER AT RWIANG                         | 7.2       | 6.8       | 1.2       | 6.1            | 79             | 2              | Satisfactory         |
| 4311         | KALIPAI RIVER AT RYMBAI                        | 3.1       | 7.7       | 1.1       | <1.8           | <1.8           | <1.8           | Not Satisfactory     |
| 4312         | KME UM RIVER RYMBAI                            | 3.0       | 7.8       | 1.2       | <1.8           | <1.8           | <1.8           | Not Satisfactory     |
| 4313         | WAIKHYRWI RIVER MOOKLHLOT                      | 3.3       | 7.9       | 1.0       | <1.8           | <1.8           | <1.8           | Not Satisfactory     |
| 4314         | KWAI RIVER SUTNGA MAWPUN                       | 3.9       | 7.4       | 1.2       | <1.8           | <1.8           | <1.8           | Not Satisfactory     |
| 4315         | LUKHA RIVER KHADDUM                            | 7.5       | 7.5       | 1.6       | 4              | 120            | 2              | Satisfactory         |
| 4316         | MYNTDU RIVER MIH MYNTDU                        | 6.9       | 7.6       | 1.2       | 310            | 630            | 23             | Satisfactory         |
| 4317         | LAMU RIVER AT LESHKA                           | 6.8       | 7.8       | 1.1       | 31             | 220            | 4              | Satisfactory         |
| 4318         | LYNRIANG RIANG RIVER AT LESHKA                 | 3.0       | 7.5       | 1.4       | <1.8           | 46             | <1.8           | Not Satisfactory     |
| 4319         | UMIUREM RIVER IALE                             | 3.9       | 7.9       | 1.2       | <1.8           | 23             | <1.8           | Not Satisfactory     |
| 4320         | KUPLI RIVER IOOKSI                             | 4.5       | 7.7       | 1.0       | <1.8           | 27             | <1.8           | Not Satisfactory     |
| 4321         | KUPLI RIVER KHANDONG                           | 5.5       | 7.5       | 1.6       | 14             | 150            | 4              | Not Satisfactory     |
| 4322         | THLUMUWI RIVER AT THLUMUWI                     | 4.6       | 7.5       | 1.3       | 23             | 170            | 10             | Not Satisfactory     |
| 4326         | SIMSANG RIVER AT BAGHMERE                      | 6.9       | 7.4       | 1.2       | 43             | 540            | 11             | Satisfactory         |
| 4110         | NONGAL RIVER AT NONGALBIBRA                    | 4.7       | 7.7       | 1.1       | 37             | 480            | 22             | Not Satisfactory     |
| 4111         | SIMSANG RIVER NONGALBIBRA                      | 6.8       | 7.6       | 1.0       | 47             | 470            | 28             | Satisfactory         |
| 4112         | GANOL RIVER TURA AT GAROBADHA                  | 6.9       | 6.9       | 1.7       | 40             | 630            | 23             | Satisfactory         |
| 4113         | DAMRING RIVER AT BOLDANGRE                     | 7.2       | 7.0       | 1.4       | 43             | 430            | 20             | Satisfactory         |