

# **MIZORAM WATER DATA**

**OCTOBER**

**2016**

**Water Quality Data of Polluted River  
stretches in Mizoram  
Identified by Central Pollution Control Board**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF OCTOBER 2016**

Sl. No.	Station Code	Name of Station	Location	Co-Ordinates			A. STATIONS DETAILS												
							Sampling Date	Sampling Time	Used Based Class	Major Polluting Sources	Visibility Effluent Discharge	Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others)	Weather	Depth of Water Body (m)	Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others)	Floating matter	Colour	Odour	Flow (m/s)
				Longitude	Latitude	Elevation	1	2	3	4	5	6	7	8	9	10	11	12	13
1	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	17.10.2016	10:45		Agriculture			Clear	0.5	Fishing		Pale yellow	Odourless	0.3
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	17.10.2016	10:50		Agriculture			Clear	0.4	Fishing		Pale yellow	Odourless	0.3
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	19.10.2016	10:55		Agriculture			Clear	0.4	Sand collection		Pale yellow	Odourless	0.3
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	6.10.2016	12:30		Agriculture			Clear	0.4			Colourless	Odourless	1.1
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	5.10.2016	10:20		Domestic			Clear	0.2			Colourless	Odourless	0.3
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	13.10.2016	11:25		Agriculture			Cloudy	1	Washing & Bathing		Colourless	Odourless	1.3
7	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausem Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m	18.10.2016	12:30		Agriculture			Clear	0.9	Fishing			Odourless	1.3
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	18.10.2016	9:30		Agriculture			Clear	3.7	Fishing		Pale yellow	Odourless	1
9	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	18.10.2016	1:37		Agriculture		Public water supply	Clear	1.7	Fishing		Colourless	Odourless	N/A
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	03.10.2016	3:00		Agriculture		Public water supply	Clear	N/A			Colourless	Odourless	1.1
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	15.10.2016	6:00		Agriculture		Fishing	Clear	2	Fishing		Colourless	Odourless	1
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	13.10.2016	12:30		Domestic			Clear	0.9	Washing		Pale yellow	Odourless	3.03
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	13.10.2016	11:30		Agriculture		Public Water Supply	Clear	0.61			Pale yellow	Odourless	4.5

**WATER QUALITY DATA UNDER NWMP, MIZORAM**  
**MONITORING PERIOD FOR THE MONTH OF OCTOBER YEAR 2016**

Sl. No.	Station Code	B. CORE PARAMETERS								C. GENERAL PARAMETERS										
		Water Temp (°C)	D.O (mg/L)	pH	Conductivity µs/cm	B.O.D (mg/L)	Nitorgen Nitrite (N-No <sub>2</sub> ) (mg/L)	Faecal Coliform MPN	Total Coliform MPN	Turbidity NTU	Total Alkalinity (mg/L)	Chlorides (mg/L)	Ammonia-N (mg/L)	Total Hardness (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	TDS (mg/L)	TSS (mg/L)	Total Phosphate (mg/L)
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	2052	28	7.9	7.24	384	1.7	0.077	0	1100	3.4	49.2	7.9	0.574	54	12	5.7	34	130	60	0.144
2	2053	28	7.8	7.16	315	1.6	0.066	3.6	2400	3.1	45.3	9.9	0.365	50	11.2	5.2	28	130	50	0.165
3	3709	29	7.5	7.4	346	1.5	0.148	7.3	1100	6.4	29.5	9.9	0.764	34	8	3.3	34	120	50	0.505
4	3712	25	7.3	7.8	247	1.7	0.06	9.1	2400	0.1	39.4	11.9	0.217	32	8	2.8	26.5	110	50	0.065
5	3718	27	7.6	7.2	256	1.7	0.062			0.1	236.4	110.1	0.27	186	56.8	10.5	28	110	40	0.116
6	3720	21	6.8	7.6	967	1.4	0.042			0.4	41.3	9.9	0.372	40	9.6	3.8	2	130	60	0.072
7	3734	23	7.1	7.3	325	1.7	0.065			0.3	49.2	8.9	0.251	42	9.6	4.3	35.5	120	50	0.137
8	3735	22	7.1	7.12	325	1.6	0.078			3.6	45.3	9.9	0.296	44	9.6	4.8	36	130	60	0.213
9	3736	25	7	7.3	248	1.5	0.088			0.1	39.4	8.9	0.437	44	10.4	4.3	41	130	60	0.079
10	3740	25	6.3	7.2	164	1.3	0.066			0.1	25.6	8.9	0.54	24	5.6	2.4	28	110	50	0.145
11	3754	26	7.4	8.6	255	1.8	0.064			0.1	51.2	8.9	0.323	46	10.4	4.8	29	130	60	0.128
12	3756	22	6.5	5.7	331	2.1	0.076			0.3	82.7	9.9	0.426	62	14.4	6.2	31	140	60	0.176
13	3757	23	7.2	6.6	310	1.3	0.057			1.1	59.1	8.9	0.445	50	11.2	5.2	36	130	50	0.214