

# **MIZORAM WATER DATA**

**MAY**

**2018**

**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 MAY 2018**

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	07.05.2018	11:10		Agriculture			Clear	0.4	Fishing		Pale Yellow	Odourless	0.4
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	07.05.2018	11:20		Agriculture			Clear	0.2	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	09.05.2018	11:05		Agriculture			Rain	0.4	Sand collection		Pale Yellow	Odourless	0.4
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	21.05.2018	11:20		Domestic			Clear	0.3			Colourless	Odourless	0.2
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	03.05.2018	10:35		Domestic			Clear	0.34	Fishing		Colourless	Odourless	0.7
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	15.05.2018	10:35		Agriculture			Clear	1.2	Washing & Bathing		Colourless	Odourless	1.5
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	19.05.2018	12:30		Agriculture			Clear	1.2	Fishing		Colourless	Odourless	0.2
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	19.05.2018	9:45		Agriculture			Clear	2.3	Fishing		Colourless	Odourless	0.3
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	19.05.2018	3:30		Agriculture		Drinking Water Source	Clear	N/A	Fishing		Colourless	Odourless	N/A
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	6.05.2018	2:20		Agriculture		Drinking Water Source	Clear	N/A			Colourless	Odourless	N/A
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	08.05.2018	2:00		Agriculture			Clear	3	Fishing		Brownish	Odourless	2
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	23.05.2018	11:30		Domestic			Clear	0.5	Washing		Colourless	Odourless	1.5
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	23.05.2018	1:10		Agriculture		Drinking Water Source	Clear	0.8			Colourless	Odourless	1.3

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF MAY YEAR 2018**

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)	Nitrogen 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	25	4.9		163	1	0.025	0	2400	0.3	31.3	8.5	0.148	60	14.4	5.8				0.124
2	2053	25	4.8		758	1	0.036	0	2400	0.3	33.1	10.2	559	44	10.4	4.3				0.224
3	3709	26	4.8		654	1	0.023	3.6	2400	4.5	29.4	7.7	0.296	40	9.6	3.8				0.109
4	3712	25	4.8		218	0.9	0.026			0.2	73.5	17.9	0.156	90	24.8	6.7				0.054
5	3718	26	3.4		108	0.8	0.023	7.3	2400	0.3	123.2	64.7	0.171	142	43.2	8.2				0.056
6	3720	21	6.5		234	1.3	0.012			0	23.9	6.8	0.179	34	8.8	2.9				0.017
7	3734	26	7.7		245	1.5	0.045			0.2	25.7	7.7	0.148	34	8.8	2.9				0.051
8	3735	27	7.4		154	1.4	0.063			0.2	22.1	6.8	0.399	32	8.8	2.4				0.157
9	3736	24	7		132	1.4	0.019			0.2	33.1	8.5	0.236	44	10.4	4.3				0.1
10	3740	25	7		158		0.013			0.1	25.7	6.8	0.281	34	8	3.4				0.121
11	3754	22	5.5		334	1	0.019			1.5	27.6	6.8	0.198	34	8.8	2.9				0.068
12	3756	23	0		233	0	0.028			0.3	38.6	6.8	0.144	50	10.4	5.8				0.032
13	3757	21	0		253	0	0.012			0.3	22.1	7.7	0.171	32	8.8	2.4				0.149