

**Water Quality Data of 9 (NINE) Polluted River
stretches in Mizoram
(OA - No. 673 of 2018)**

**MARCH
2021**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF MARCH, 2021

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	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	18-03-2021	10.20		Domestic			Clear	0.2	Washing		Clear	Odour free	3.8
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	08-03-2021	1.00		Agriculture			Clear	1	Sand collection		Clear	Odour free	0.4
	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	18-03-2021	9.50		Agriculture		Washing, Bathing	Clear	0.2	Washing, Domestic Purpose		Clear	Odour free	0.2
	3736	Tlawng River, Palthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	18-03-2021	12.45		Agriculture		Drinking Water Source	Clear	3	Fishing		Clear	Odour free	0.1
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	09-03-2021	2.30		Agriculture			Clear	1.6	Fishing		Yellow	Odour free	0.3
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	18-03-2021	11.30		Agriculture		Drinking Water Source	Clear	1.1			Clear	Odour free	0.3
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	17-03-2021	1.45		Agriculture			Clear	0.1	Washing & Bathing		Clear	Odour free	0.3
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	01-03-2021	11.45		Domestic			Clear	0.2			Pale yellow	Odour free	0.3
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	18-03-2021	7.20		Agriculture		Washing, Domestic Purpose	Clear	1.2	Plantation, Gardening		Clear	Odour free	0.5
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	17-03-2021	11.00		Domestic		Drinking Water Source	Clear	0.2			Clear	Odour free	0.1
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	15-03-2021	12.55		Domestic			Clear	2			Pale yellow	Odour free	0.5
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	02-03-2021	12.10		Agriculture			Clear	1.5	Fishing		Pale yellow	Odour free	0.5
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	02-03-2021	12.30		Agriculture			Clear	2	Fishing		Cear	Odour free	0.3

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF MARCH, 2021**

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 ₂) (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)	K (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	33
1	3756	20	4	8.2	270	0.3	0.01			4.2	141.5	15.9	0.334	100	32	4.8	0	0	120	10	0.051
2	3709	24	11.5	8.4	178	2.4	0.215	35	1100	2	155.7	14.9	8.124	70	16	7.2	1.5	0	100	30	1.397
	3734	18	6.8	6.7	494	1.6	0.013			2.1	63.7	5.6	0.486	20	4	2.4	0	0	20	10	0.066
	3736	18	7.4	7.2	47	2.4	0.011			2.1	37.7	5.6	0.502	16	0.8	3.4	0	0	20	10	0.096
	3754	22	5.1	7.2	203	1	0.045			44.7	125	9.3	0.733	104	32	5.8	1	0	180	70	0.079
3	3757	18	3.5	7.8	119	0.2	0.008			3.8	77.8	5.6	0.471	36	4	6.2	0	0	60	0	0.052
4	3720	20	8.9	8.2	175	1	0.01			3	113.2	4.7	0.452	66	20	3.8	0	0	110	10	0.068
5	3718	21	4.9	6.9	734	2.8	0.582	35	2400	9.2	157	94.4	4.34	190	64	7.2	5.5	2	500	40	0.905
6	3735	19	7.3	5.8	57	0.5	0.011			1.9	37.7	6.5	0.536	8	0.8	1.4	0	0	30	20	0.086
7	3740	20	5.9	7.3	74	1.5	0.032			1.9	43.4	7.8	0.711	54	12.8	5.3	0	0	50	10	0.073
8	3712	20	6.7	8.7	254	1.5	0.033	44	120	5.8	139.2	31.8	0.631	90	27.2	5.3	0	0	210	60	0.096
9	2052	20	7.5	8	291	2.1	0.021	93	290	7.2	136.8	12.1	0.464	82	24	5.3	2.5	0	210	20	0.109
	2053	20	7.6	8	257	2.6	0.019	210	290	4.8	132.1	10.3	0.445	80	24	4.8	2.5	0	220	30	0.075