

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

**AUGUST  
2020**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF AUGUST, 2020**

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)	
							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	113-8-2020	11.00		Domestic				Clear	1.5	Washing		Pale Yellow	Odour free	3.7
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	24-08-2020	1.50		Agriculture				Clear	1.8	Sand collection		Pale Yellow	Odour free	0.3
	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausen Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m														
	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	17-08-2020	4.00		Agriculture		Drinking Water Source		Clear	3.7	Fishing		Clear	Odour free	0.2
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	10-08-2020	2.30		Agriculture				Cloudy	2.1	Fishing		Brown	Odour free	0.5
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	13-08-2020	11.30		Agriculture		Drinking Water Source		Clear	2.3			Pale Yellow	Odour free	3.9
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	25-08-2020	11.45		Agriculture				Clear	1	Washing & Bathing	0.8	Dark brown	Odour free	0.5
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	04-08-2020	11.20		Domestic				Clear	0.3			Pale Yellow	Odour free	0.6
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	17-08-2020	9.50		Agriculture		Washing, Domestic Purpose	Cloudy/Rain	2.7	Plantation, Gardening		Pale Yellow	Odour free	1.4	
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	12-08-2020	2.00		Domestic		Drinking Water Source	Clear	1.8				Pale yellow	Odour free	N/A
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	10-08-2020	12.13		Domestic				Clear	0.6			Pale Yellow	Odour free	0.3
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	25-08-2020	12.30		Agriculture				Cloudy	1.8	Fishing		Pale Yellow	Odour free	0.4
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	25-08-2020	12.32		Agriculture				Cloudy	1.9	Fishing		Pale Yellow	Odour free	1.8

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF AUGUST, 2020**

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)	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	23	5.4	6.65	286	1.6	0.012	20	1100	30	51.4	9.3	0.467	70	18.4	5.8	2	0.5			0.085
2	3709	28	6.3	7.64	99	0.5	0.015	3.6	2400	18	47.9	9.3	0.41	34	8	3.4	0.5	0			0.037
	3734	25	8	6.88	38	0.4	0.013	11	1100	11	25.7	11.2	0.422	20	5.6	1.4	0.5	0			0.058
	3736	24	8.5	6.87	73	0.4	0.14	11	2400	0.8	39.4	15.8	0.163	42	10.4	3.8	0.5	0	212	44	0.049
	3754	27	4.5	7.3	102	0.9	0.033	15	2400	83	53.1	7.4	0.889	40	10.4	3.4	0.5	0			0.166
3	3757	22	5.2	5.55	50	0.9	0.012	20	1100	17.7	39.4	15.8	0.186	42	10.4	3.8	0.5	0	281	60	0.03
4	3720	23	9.2	7.6	78	1.3	0.01	3.6	160	4.6	3.8	9.3	0.315	26	6.4	2.4	0.5	0			0.063
5	3718	25	4.5	7.79	465	2.3	1.055	19	2400	4.5	149	75.3	3.462	152	48	7.7	3.5	1	344	41	0.096
6	3735	26	7.7	5.88	29	1.1	0.012	9	120	25	25.7	8.4	0.429	10	2.4	1	0	0	378	40	0.056
7	3740	23	5.6	7.07	57	1.8	0.014	3	150	2.3	34.2	9.3	0.247	30	8	2.4	0.5	0	293	26	0.117
8	3712	26	5.2	8.51	204	0.8	0.132	1100	2400	9	63.4	16.7	0.163	68	16.8	6.2	1.5	0			0.089
9	2052	25	5.5	8.4	113	0.3	0.023	9.1	2400	7.5	42.8	8.4	0.471	40	10.4	3.4	2	0	301	27	0.124
	2053	25	4.7	7.43	106	0.6	0.023	14	2400	9	42.8	10.2	0.654	40	9.6	3.8	1	0	368	29	0.111