

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

**JULY  
2021**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JULY, 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)
							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	30-07-2021	2.00		Domestic			Clear	0.8	Washing		Pale yellow	Odourless	1.1
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	27-07-2021	11.30		Agriculture			Clear	2			Pale Yellow	Odourless	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	30-07-2021	7.00		Agriculture		Washing, Bathing	Clear	0.8	Washing, Domestic Purpose		Clear	Odourless	0.5
	3736	Tlawng River, Pialhleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	30-07-2021	3.00		Agriculture		Drinking Water Source	Clear	3.6	Fishing		Clear	Odourless	0.3
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	26-07-2021	12.00		Agriculture			Clear	1.5	Fishing		Clear	Odourless	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	30-07-2021	8.11		Agriculture		Drinking Water Source	Clear	2.1			Clear	Odourless	0.3
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19-07-2021	1.45		Agriculture		Domestic, Jhum Cultivation	Clear	0.7	Washing & Bathing		Clear	Odourless	1.3
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	05-07-2021	11.45		Domestic			Clear	0.2			Pale Yellow	Odourless	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	30-07-2021	2.00		Agriculture		Washing, Domestic Purpose	Clear	1.3	Plantation, Gardening		Clear	Odourless	0.5
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	17-07-2021	2.00		Domestic		Drinking Water Source	Clear	0.3			Clear	Odourless	0.4
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	12-07-2021	12.30		Domestic			Clear	1			Pale Yellow	Odourless	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	26-07-2021	12.10		Agriculture			Clear	2	Fishing		Pale Yellow	Odourless	0.5
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	26-07-2021	12.30		Agriculture			Clear	0.5	Fishing		Pale Yellow	Odourless	0.5

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF JULY, 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 <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	22	5.8	7.1	286	1	0.764	95	1100	12	57	9.8	0.977	70	17.6	6.2					0.073
2	3709	30	8	7.3	80.5	1.7	0.075	460	2400	116	41.5	10.4	1.072	36	5.6	5.3			140	60	0.271
	3734	27	7.9	7.2	69	1.7	0.041	2	210	4.5	22.1	13.3	0.562	14	5	4					0.2
	3736	25	7.1	7.3	145	1.9	0.022	20	1100	3.1	40.4	22.2	0.4	48	12	4.3					0.2
	3754	24	7	6.9	188	1	0.067	3	460	6.5	46	8	0.718	42	10.4	4					0.082
3	3757	22	6.7	7.1	168	1	0.868	15	1100	5.1	46	17.8	0.635	34	8.8	4					0.065
4	3720	20	7.9	7	127	1.2	0.059	0	160	3.3	20	8	0.4	22	5.6	4			100	20	0.2
5	3718	26	5.3	7.3	610	1.6	0.747	9.1	2400	12.2	144.4	68.8	0.4	158	38.4	14.9			350	20	0.407
6	3735	26	7	7.3	74	1.1	0.024	0	160	4	31.3	8.9	0.4	16	5	4					0.2
7	3740	24	6	6.8	124	1.7	0.032	0	460	4.1	21.7	7.2	0.483	28	5.6	4			70	10	0.075
8	3712	21	6	8.2	206	1	0.031	53	2400	24.2	83	23.2	0.4	80	24	4.8			140	40	0.2
9	2052	25	7.5	7.7	134	1.7	0.02	460	1100	97	81.2	6.4	0.54	44	8	5.8			90	60	0.2
	2053	25	7	7.6	132	1.71	0.02	460	1100	81	74	6.4	0.464	42	8	5.3			120	70	0.1