

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

**MAY
2021**



MIZORAM STATE POLLUTION CONTROL BOARD

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

Sl. No.	Station Code	Name of Station	Location	A. STATIONS DETAILS															
				Co-Ordinates			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	12-05-2021	11.30		Domestic			Clear	0.3	Washing		Pale yellow	Odour free	3.8
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	18-05-2021	11.30		Agriculture			Clear	1.5	Sand collection		Brown	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	13-05-2021	2.00		Agriculture		Washing, Bathing	Clear	0.3	Washing, Domestic Purpose		Clear	Odour free	0.1
	3736	Tlawng River, Pialhlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	24-05-2021	3.30		Agriculture		Drinking Water Source	Clear	3.3	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	31-05-2021	1.00		Agriculture			Clear	1.4	Fishing		Pale yellow	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	12-05-2021	11.30		Agriculture		Drinking Water Source	Clear	1.3			Clear	Odour free	1.3
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	14-05-2021	12.45		Agriculture			Clear	0.4	Washing & Bathing		Clear	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	10-05-2021	11.00		Domestic			Clear	0.2			Clear	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	24-05-2021	11.30		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	19-05-2021	1.30		Domestic		Domestic purpose	Clear	0.2			Clear	Odour free	0.3
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	17-05-2021	1.00		Domestic			Clear					Odour free	
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	10-05-2021	12.45		Agriculture			Clear	0.3	Fishing		Light Brown	Odour free	0.3
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	10-05-2021	12.15		Agriculture			Clear	0.3	Fishing		Light Brown	Odour free	0.3

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF MAY, 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	22	5.6	8.6	292	0.6	1.035	0	75	11.1	27.4	10.7	0.623	36	8.8	3.4					0.059
2	3709	30	5	7.6	282	0.7	0.146	150	110	100	83.7	12	2.094	56	8	8.6			140	40	0.461
	3734	25	7.4	6.78	74	1.2	0.018			2.9	39.7	7.1	0.357	26	6.4	2.4			50	10	0.059
	3736	26	7.5	6.98	132	1.2	0.018			3.3	63.2	10.4	0.331	42	8	5.3			110	20	0.059
	3754	26	6.2	7.5	128	1.7	0.023	0	120	9.3	59.9	14.1	0.429	64	16.8	5.3					0.072
3	3757	21	5	7.2	156		0.667	0	43	5.6	30.8	8.9	0.369	44	10.4	4.3					0.054
4	3720	19	8.1	6.6	178	1.3	0.02	0	42	6.8	50.5	12	0.334	48	12.8	3.8			110	20	0.065
5	3718	21	3.6	7.4	321	1.2	0.538	1100	2400	5.1	219.8	75.2	2.234	171	40	16.8			300	60	0.193
6	3735	26	7.3	7.2	75	1.6	0.022			3.1	12.6	11.2	0.369	20	7.2	0.5			40	10	0.055
7	3740	16	6	7	139	2	0.026			3.7	72.2	3.2	0.429	50	8	7.2			70	10	0.089
8	3712	21	6.9	7.9	182	1.1	0.141	1100	2400	8.7	107	35.2	0.209	110	36	4.8			180	30	0.085
9	2052	21	7.6	7.3	102	1.5	0.036	240	460	17.4	120.6	16.8	0.486	90	23.2	7.7			160	20	0.118
	2053	21	7.4	7.6	212	1.12	0.041	460	1100	16.3	120.6	16.8	0.498	90	20.8	9.1			160	20	0.13