

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

**FEBRUARY  
2021**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF FEBRUARY, 20210**

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	15-02-2021	10.30		Domestic			Clear	1.1	Washing		Pale yellow	Odour free	0.5
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	15-02-2021	12.16		Agriculture			Clear	3	Sand collection		Clear	Odour free	0.5
	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	08-02-2021	12.00		Agriculture	Washing, Bathing		Clear	0.3	Washing, Domestic Purpose		Clear	Odour free	0.3
	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	08-02-2021	3.15		Agriculture	Drinking Water Source		Clear	3.1	Dwelling Vehicular Movement		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	14-02-2021	2.30		Agriculture			Clear	1	Fishing		Pale yellow	Odour free	0.2
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	15-02-2021	11.30		Agriculture	Drinking Water Source		Clear	1.5			Clear	Odour free	0.2
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	17-02-2021	12.45		Agriculture	Domestic		Clear	0.5	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	01-02-2021	12.00		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	08-02-2021	10.10		Agriculture	Washing, Domestic Purpose		Clear	1.5	Plantation, Gardening		Clear	Odour free	0.6
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	25-02-2021	9.30		Domestic	Drinking Water Source		Clear	0.2			Clear	Odour free	0.2
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	08-02-2021	11.45		Domestic			Clear	2			Clear	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	02-02-2021	12.45		Agriculture			Clear	0.5	Fishing		Clear	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	02-02-2021	1.15		Agriculture			Clear	0.5	Fishing		Clear	Odour free	0.5

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF FEBRUARY, 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	12	4.9	7.9	197	0.2	0.007			7	119.8	12.1	0.281	92	15.2	13	2.5	1	70	15	0.03
2	3709	19	10	8.5	147	2.1	0.012	35	1100	3.9	97.1	9.3	0.483	62	16	5.3	1.5	0.5	70	10	0.058
	3734	15	6.8	7.5	46	1.1	0.011			2.2	28.9	3.7	0.247	38	8	4.3	1.5	0	90	20	0.08
	3736	16	6.7	7.1	78	1.3	0.01			1.5	33.1	7.5	0.331	56	12.8	5.8	1	0	60	20	0.078
	3754	25	6.4	7.8	194	1	0.02			4.7	124	10.3	0.768	94	28	5.8	1.5	0.5	100	10	0.068
3	3757	12	4.4	7.2	65	1.8	0.006			1.5	56.6	8.3	0.372	14	15.2	2.4	2	1	30	10	0.025
4	3720	16	8.4	7.5	122	0.8	0.013			1.8	80.6	5.6	0.893	50	10.4	5.8	3	1	60	10	0.111
5	3718	19	3.3	7.3	583	2.6	0.736	35	2400	5.4	245.9	93	4.625	184	64	5.8	4	1	370	30	0.171
6	3735	17	7.1	6.8	34	1.4	0.015			2.2	31	7.5	0.521	38	8.8	3.8	1	0	50	10	0.079
7	3740	21	7.4	7.72	88	1.6	0.018			1.5	78.5	7.5	0.665	64	16	5.8	2	0	50	10	0.109
8	3712	18	4.7	7.7	286	0.5	0.02	44	53	4.3	144.6	39.1	0.391	88	28	4.3	1	0	140	10	0.093
9	2052	18	5.7	8	176	0.5	0.019	93	290	4.1	107.4	9.3	0.395	76	20	6.2	0.5	0	110	10	0.062
	2053	18	5.5	8.2	175	0.31	0.018	210	290	5	111.6	10.2	0.471	80	24	4.8	0.5	0	130	10	0.066