

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

**JANUARY  
2020**



**MIZORAM STATE POLLUTION CONTROL BOARD**

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

Sl. No.	Station Code	Name of Station	Location	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													
1	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	10-01-2020	10.00		Domestic		Clear	1	Washing		Pale yellow	Odour free	0.3	
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	14-01-2020	12.45		Agriculture		Clear	0.6	Sand collection		Pale Yellow	Odour free	0.7	
	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	18-01-2020	12.45		Agriculture	Washing, Bathing	Clear	1.2	Washing, Domestic Purpose		Clear	Odour free	1.1	
	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	18-01-2020	2.15		Agriculture	Drinking Water Source	Clear	3.1	Fishing		Clear	Odour free	0.4	
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	14-01-2020	2.30		Agriculture		Clear	2	Fishing		Clear	Odour free	0.6	
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	10-01-2020	3.00		Agriculture	Drinking Water Source	Clear	0.5			Clear	Odour free	0.6	
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	22-01-2020	1.35		Agriculture		Clear	0.5	Washing & Bathing		Clear	Odour free	0.4	
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	13-01-2020	1.15		Domestic		Clear	0.5			Pale Yellow	Odour free	0.7	
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	18-01-2020	8.00		Agriculture	Washing, Domestic Purpose	Clear	1.1	Plantation, Gardening		Clear	Odour free	1	
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	18-01-2020	2.00		Domestic	Drinking Water Source	Clear	0.5			Clear	Odour free	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	21-01-2020	11.35		Domestic		Clear	0.5			Clear	Odour free	0.7	
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	28-01-2020	11.43		Agriculture		Clear	0.9	Fishing		Clear	Odour free	0.9	
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	28-01-2020	11.30		Agriculture		Clear	0.8	Fishing		Clear	Odour free	0.7	

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF JANUARY, 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)	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
1	3756	15	6	7.38	147	1.2	0.014			22.6	32.1	10.4	0.369	42	10.4	3.8	3	0.5		0.051
2	3709	17	7.5	8.09	132	1.6	0.014	0	2400	7.9	50.9	7.8	0.296	62	16	5.3	1	0.5		0.038
	3734	24	7	5.9	85	1.4	0.008			1.1	26.4	7.8	0.285	34	8	3.4	4.5	1		0.035
	3736	25	7.1	7.01	81	1.2	0.004			0.3	28.3	10.4	0.16	26	6.4	2.4	0.5	0		0.079
	3754	19	5.9	7.05	125	1.2	0.007			0.9	79.2	33	0.251	70	17.6	6.2	1.5	0.5		0.039
3	3757	14	6.5	7.1	63	1.4	0.002			0.2	37.7	7	0.023	46	10.4	4.8	1	0		0.011
4	3720	12	8.1	7.2	105	1.5	0.004			0	22.6	12.7	0.16	34	8.8	2.9	4	0		0.014
5	3718	17	5	8	744	1.1	0.392	16	2400	45	109.4	61.7	3.578	128	40	6.7	27.5	1.5		0.228
6	3735	24	7.3	6.89	75	1.4	0.007			0.5	32.1	12.2	0.194	30	8	2.4	3	0		0.021
7	3740	18	4.1	5.12	62	1.2	0.004			0.4	22.6	7	0.274	30	8	2.4	1	0		0.035
8	3712	17	5.4	7.59	205	1.1	0.006	0	2400	1.2	88.7	37.4	0.148	102	29.6	6.7	4	0.5		0.024
9	2052	15	6.6	6.47	167	1.4	0.011	43	2400	0.2	81.1	11.7	0.277	72	18.4	6.2	1.5	0		0.075
	2053	16	6.7	6.58	161	1.5	0.013	39	2400	1.4	79.2	12.7	0.262	70	18.4	5.8	2	0.5		0.065