

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

**AUGUST  
2019**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF AUGUST, 2019**

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	05-08-2019	11.00		Domestic			Clear	1.5	Washing		Brown	Odour free	1.67
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	13-08-2019	4.15		Agriculture			Clear	1.7	Sand collection		Pale yellow	Odour free	0.5
	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	12-08-2019	9.40		Agriculture	Washing, Bathing		Clear	2.7	Fishing		Light brown	Odour free	2
	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	13-08-2019	12.30		Agriculture	Drinking Water Source		Clear	3.8	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	18-08-2019	2.30		Agriculture			Clear	2	Fishing		Pale Brown	Odour free	0.7
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	05-08-2019	12.30		Agriculture	Drinking Water Source		Clear	1.64			Clear	Odour free	1.78
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19-08-2019	10.15		Agriculture	Plantation, Kitchen, Garden		Clear	0.5	Washing & Bathing		Clear	Odour free	1.07
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	06-08-2019	12.11		Domestic			Cloudy	0.8			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	12-08-2019	1.00		Agriculture	Washing, Domestic		Clear	1.9	Plantation, Fishing		Clear	Odour free	1
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	12-08-2019	1.30		Agriculture	Drinking Water Source		Clear	0.4			Clear	Odour free	0.7
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	19-08-2019	2.15		Domestic			Clear	1.5			Brown	Odour free	0.6
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	20-08-2019	12.35		Agriculture			Clear	1.2	Fishing		Brown	Odour free	0.7
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	20-08-2019	12.50		Agriculture			Clear	1.3	Fishing		Brown	Odour free	0.6

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF AUGUST, 2019**

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	18.5	6.9	7.8		1.4	0.023			5	64.3	25.2	0.327	70	18.4	5.8	3.5			0.048
2	3709	27	6	7.6		1.4	0.324	0	2400	0.5	36.8	15.3	2.793	48	11.2	4.8	18			0.705
	3734	27	7	6.9		1.3	0.019			0.7	29.4	13	0.046	30	8	2.4	0.6			0.052
	3736	26	7.1	7.9		1.3	0.016			0.2	36.8	9.6	0.099	32	8	2.9	2.5			0.089
	3754	19	7.2	7.3		1.8	0			0.8	55.1	5.2	0.388	38	12.8	1.4	2.1			0.048
3	3757	18	6.9	6.9		2.1	0.019			0.4	20.2	17	0.483	28	7.2	2.4	2.1			0.01
4	3720	24	8.8	7.4		1.3	0			0.4	18.4	7.7	0.209	26	6.4	2.4	0.8			0.035
5	3718	28	4.5	7.3		0.8	0.038	0	35	0.5	128.7	59.1	0.642	150	48.8	6.7	22			0.061
6	3735	25	7.3	7.3		2.2	0.005			0.3	36.8	15.6	1.292	22	4.8	2.4	1.5			0.141
7	3740	22	5.6	7.4		1.8	0.041			0.1	44.1	8.5	0.228	54	12.8	5.3	1.5			0.09
8	3712	26	3.3	8.01		0.4	0.144	0	1100	4	36.8	8.5	0.802	40	11.2	2.9	8			0.141
9	2052	26	6.2	7		2.2	0.018	0	2400	11	20.2	7.8	0.456	26	6.4	2.4	1.5			0.071
	2053	27	6.4	6.99		1.3	0.014	0	2400	12	16.5	5.2	0.418	24	8	1	1.4			0.063