

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

**OCTOBER  
2020**



**MIZORAM STATE POLLUTION CONTROL BOARD**

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

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	12-10-2020	10.20		Domestic			Clear	1.09	Washing		Pale yellow	Odour free	5
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	19-10-2020	12.00		Agriculture			Clear	2	Sand collection		Pale yellow	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	13-10-2020	12.45		Agriculture		Washing, Bathing, Kitchen	Clear	1.5	Fishing		Pale Yellow	Odour free	1.3
	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	13-10-2020	1.30		Agriculture		Drinking Water Source	Clear	3.5	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	18-10-2020	2.30		Agriculture			Clear	2	Fishing		Brown	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	12-10-2020	11.30		Agriculture		Drinking Water Source	Clear	2.12			Clear	Odour free	0.5
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19-10-2020	11.25		Agriculture			Clear	0.2	Washing & Bathing		Pale Yellow	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	05-10-2020	12.20		Domestic			Cloudy	0.5			Pale brown	Odour free	0.5
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	13-10-2020	8.45		Agriculture			Clear	1.8	Fishing		Pale Yellow	Odour free	1.5
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	10-10-2020	10.00		Agriculture		Drinking Water Source	Clear	0.3	Domestic		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	12-10-2020	12.10		Domestic			Clear	1			Pale yellow	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	06-10-2020	12.15		Agriculture			Clear	2	Fishing		Pale yellow	Odour free	0.6
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	06-10-2020	12.15		Agriculture			Clear	2	Fishing		Pale yellow	Odour free	0.6

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF OCTOBER, 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)	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	19	3.7	7.05	193	1	0.028	23	1100	115	56.3	9.3	0.566	46	11.2	4.3	1	0.1			0.197
2	3709	27	7.3	7.5	99.2	1.4	0.014	1100	2400	41.8	47.9	10.2	0.304	30	8	2.4	0	0	50	160	0.113
	3734	26	7.8	6.92	52	1.5	0.02	12	1100	24	29.2	10.2	0.331	30	8	2.4	0.5	0			0.086
	3736	26	6.8	6.6	85	1.6	0.017	39	2400	1.8	41.7	13.9	0.213	46	11.2	4.3	0.5	0			0.061
	3754	22	4.7	7.09	91	1	0.133	15	2400	100	46.2	9.2	5.343	50	11.2	4.8	0.5	0.5			0.977
3	3757	19	4.1	6.9	45	1	0.026	20	1100	6.4	47.9	14.9	0.315	42	10.4	3.8	0.5	0.1			0.066
4	3720	23	7.9	7	83	1.6	0.023	3.6	160	3.7	3.8	8.4	0.274	26	7.2	1.9	0.5	0.1	80	10	0.151
5	3718	24	8	6.99	366	1.2	0.815	210	2400	33	14.5	67.9	2.25	114	34.4	6.7	3	0.5	300	100	0.238
6	3735	26	7	5.94	67	1.2	0.014	9	120	32	27.1	9.3	0.429	22	5.6	1.9	0	0			0.068
7	3740	23	5.1	6.89	55.3	1.4	0.017	6	93	1.7	25	7.4	0.198	20	5.6	1.4	0.5	0.1			0.041
8	3712	27	8.8	7.8	228	1.5	0.024	210	2400	10.6	42.8	11.2	3.268	42	10.4	3.8	1.5	0			0.073
9	2052	23	9.3	7.22	70	1	0.091	1100	2400	127	46.2	12.1	1.372	16	4	1.4	0	0	90	320	0.409
	2053	23	6.7	6.82	71	1	0.089	1100	2400	100	39.4	9.3	1.383	16	4	1.4	0	0	120	640	0.351