

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

**APRIL  
2020**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF APRIL, 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	02-04-2020	11.00		Domestic			Clear	0.5	Washing		Pale yellow	Odour free	0.2
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	13-04-2020	12.10		Agriculture			Clear	0.8	Sand collection		Pale yellow	Odour free	0.6
	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	14-04-2020	12.30		Agriculture		Working, Bathing, Kitchen	Clear	0.9	Fishing		Clear	Odour free	0.6
	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	14-04-2020	2.00		Agriculture		Drinking Water Source	Clear	3.1	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	10-04-2020	10.50		Agriculture			Clear	0.7	Fishing		Clear	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	02-04-2020	1.30		Agriculture		Drinking Water Source	Clear	0.7			Clear	Odour free	0.3
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	11-04-2020	8.45		Agriculture			Clear	0.2	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	11-04-2020	1.10		Domestic			Cloudy	0.1			Pale brown	Odour free	1.5
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	13-04-2020	11.00		Agriculture			Clear	1	Fishing		Clear	Odour free	0.5
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	12-04-2020	5.00		Agriculture		Drinking Water Source	Clear	0.3			Clear	Odour free	0.1
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	13-04-2020	12.00		Domestic			Clear	0.2			Pale yellow	Odour free	2
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	14-04-2020	12.20		Agriculture			Clear	0.5	Fishing	Algae	Pale yellow	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	14-04-2020	12.40		Agriculture			Clear	0.6	Fishing	Algae	Pale yellow	Odour free	0.7

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF APRIL, 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	21	6	8.5	120	1.3	0.015			2	26.4	9.7	0.095	34	8.8	2.9	1	0.5		0.051
2	3709	29	6.1	8.54	233	1.2	0.014	23	290	7.2	94.3	19.4		70	16.8	6.7	2	0		0.145
	3734	28	7.8	7.23	119	1.3	0.004			1.1	56.6	14.6		50	11.2	5.3	0	0		0.038
	3736	26	7.7	8.25	122	1.5	0.004			0.3	49.1	9.7		40	8.8	4.3	0.5	0		0.065
	3754	29	6.1	7.6	224	1.6	0.009			5.4	56.6	15.5		76	20	6.2	1.5	0		0.082
3	3757	22	6.5	7.8	106	1.3	0.005			0.6	24.5	8.7	0.255	36	8	3.8	1.5	0		0.018
4	3720	22	7.1	7.62	159	1.5	0.042			1.4	83	11.6		60	16.8	4.3	1	0		0.065
5	3718	23	5.6	7.98	529	2	1.055	0	2400	40.1	201.9	97.1		196	60.8	10.6	5	1.5		0.166
6	3735	27	7.5	7.42	97	1.5	0.004			1.1	62.3	2.9		42	10.4	3.8	0	0		0.069
7	3740	26	5.7	7.9	429	1.2	0.012			0.6	39.6	8.7	0.201	48	10.4	5.3	1	0		0.035
8	3712	25	6.4	8.08	378	1.3	0.013	0	2400	3.9	84.9	38.8		104	30.4	6.7	2.5	0.5		0.227
9	2052	27	6.9	8.53	366	1.4	0.026	0	2400	8.6	124.5	35.9		96	24.8	8.2	3	0.5		0.063
	2053	26	6.9	8.6	364	1.6	0.027	0	2400	8.7	132.1	34		100	28.8	6.7	3	0		0.093