

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

**MAY
2020**



MIZORAM STATE POLLUTION CONTROL BOARD

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

Sl. No.	Station Code	Name of Station	Location	A. STATIONS DETAILS															
				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	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	15-05-2020	2.00		Domestic			Clear	0.4	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	05-05-2020	12.38		Agriculture			Clear	0.9	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	18-05-2020	2.00		Agriculture		Washing, Bathing	Clear	0.8	Washing, Domestic Purpose		Pale Yellow	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	18-05-2020	3.10		Agriculture		Drinking Water Source	Clear	3.6	Fishing		Pale Yellow	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	10-05-2020	2.30		Agriculture			Clear	2	Fishing		Brown	Odour free	0.4
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	15-05-2020	11.30		Agriculture		Drinking Water Source	Clear	0.76			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	20-05-2020	12.45		Agriculture			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	19-05-2020	12.35		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	18-05-2020	9.30		Agriculture		Washing, Domestic Purpose	Clear	1	Plantation, Gardening		Pale Yellow	Odour free	0.4
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	12-05-2020	11.45		Domestic		Drinking Water Source	Clear	0.9			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	11-05-2020	1.20		Domestic			Clear	0.8			Pale Yellow	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	12-05-2020	1.20		Agriculture			Clear	0.9	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	12-05-2020	1.00		Agriculture			Clear	0.7	Fishing		Brown	Odour free	0.6

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF MAY, 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 ₂) (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	19	6.8	8.9	197	1.4	0.012			5	27.4	10.7	0.213	36	8.8	3.4	1	0		0.056
2	3709	26	6.1	8.05	264	1.3	0.057	3.6	2400	58	85.6	20.7		80	24	4.8	1.5	0.5		0.206
	3734	28	7.7	7.22	63.3	1.6	0.004			1.7	42.8	10.7	0.236	24	6.4	1.9	0	0		0.016
	3736	27	7	7.73	126	1.3	0.004			1.2	42.8	13.3	0.327	34	8	3.4	0.5	0		0.013
	3754	28	6.2	7.71	180	1.5	0.079			100	59.9	14.1	1.338	64	16.8	5.3	0.5	0.5		0.247
3	3757	18	7	7.35	118	1.6	0.009			1.6	30.8	8.9	0.384	44	10.4	4.3	1	0		0.032
4	3720	24	7.1	7.58	161	1.3	0.006			0.5	68.5	13.3		54	15.2	3.8	1	0		0.059
5	3718	29	6.2	8.15	700	2	0.952	150	2400	1.7	145.5	98.1	0.384	190	62.4	8.2	4.5	1		0.164
6	3735	28	7	7.25	64.7	1.8	0.003			1.1	25.7	8.9	0.232	26	7.2	1.9	0	0		0.037
7	3740	24	5.6	7.49	77	1.3	0.003			0.6	42.8	8.9	0.179	20	4.8	1.9	0	0		0.031
8	3712	26	7.8	8.43	478	1.4	0.013	26	2400	2.9	101	56.6	0.167	140	40.8	9.1	3	0.5		0.059
9	2052	29	6.6	8.19	326	1.3	0.021	0	2400	36.5	77.1	20.7	0.217	90	24	7.2	2	0.5		0.066
	2053	28	6.6	8.26	314	1.4	0.017	0	2400	54	85.6	18.9	0.247	90	24.8	6.7	2.5	0		0.063