

MIZORAM WATER DATA

AUGUST

2017

**Water Quality Data of Polluted River
stretches in Mizoram
Identified by Central Pollution Control Board**



MIZORAM STATE POLLUTION CONTROL BOARD

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF AUGUST 2017**

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	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	21.08.2017	11:05		Agriculture			Clear	0.4	Fishing		Pale yellow	Odourless	0.3
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	21.08.2017	11:10		Agriculture			Clear	0.3	Fishing		Pale yellow	Odourless	0.3
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	14.08.2017	10:35		Agriculture			Clear	0.8	Sand collection		Pale yellow	Odourless	0.3
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	22.08.2017	12:05		Domestic			Cloudy	0.4			Colourless	Odourless	1.8
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	07.08.2017	10:25		Domestic			Cloudy	0.2	Fishing		Colourless	Odourless	1.6
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19.08.2017	11:30		Agriculture			Cloudy	1.5	Washing & Bathing		Pale Yellow	Odourless	1.7
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	18.08.2017	01.:00		Agriculture			Clear	1	Fishing		Muddy Color	Odourless	0.6
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	18.08.2017	10:45		Agriculture			Clear	3.4	Fishing		Muddy Color	Odourless	0.9
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	18.08.2017	4:50		Agriculture		Drinking Water Source	Clear	3	Fishing		Colourless	Odourless	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	01.08.2017	3:45		Agriculture		Drinking Water Source	Clody	0.2			Colourless	Odourless	1.1
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	15.08.2017	4:00		Agriculture			Cloudy	3	Fishing		Brown	Odourless	1.5
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	28.08.2017	11:30		Domestic			Clear	0.7	Washing		Colourless	Odourless	1.3
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	28.08.2017	2:40		Agriculture		Drinking Water Source	Clear	0.8			Colourless	Odourless	1.1

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF AUGUST YEAR 2017**

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)	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
1	2052	27	4.7	7.16	123	1	0.017	0	23	3.6	35.8	8.5	0.251	44	11.2	3.8		180	170	0.131
2	2053	27	5.6	7.24	184	1.1	0.018	0	2400	5.3	32.2	7.6	0.274	40	11.4	3.3		120	150	0.71
3	3709	25	4	7.81	315	1	0.096	0	2400	41.2	35.8	4.05	0.41	42	10.4	3.8		80	60	0.298
4	3712	26	4.9	7.42	197	0.9	0.028			0.1	39.3	10.2	0.331	52	11.2	5.7		120	80	0.096
5	3718	25	5.2	7.32	127	1.2	0.039	0	2400	0.1	76.9	51.8	0.441	90	24.8	6.7		450	120	0.11
6	3720	20	7.8	7.42	166	1.2	0.042			7.1	25	5.9	0.357	38	8.8	3.8		60	30	0.093
7	3734	27	7.5	7.15	235	1.5	0.032			0.5	19.6	8.5	0.213	28	7.2	2.4		110	20	0.089
8	3735	26	8.1	7.11	231	1.3	0.033			0.8	17.9	6.8	0.296	26	7.2	1.9		50	10	0.073
9	3736	23	6.8	7.16	181	1.2	0.015			0	21.4	9.3	0.376	30	7.2	2.8		70	20	0.111
10	3740	24	6.4	7.12	122	1.1	0.036			0	26.8	4	0.213	34	8	3.3		20	80	0.061
11	3754	27	4.8	7.21	215	0.9	0.038			5.6	25	7.6	0.433	42	10.4	3.8		130	30	0.228
12	3756	23	6.7	7.51	110	1.4	0.032			0	55.4	7.6	0.213	70	16.8	6.7		140	60	0.089
13	3757	22	6.5	7.45	166	1.6	0.044			0.1	32.2	6.8	0.247	46	9.6	5.2		160	70	0.124