

MIZORAM WATER DATA

SEPTEMBER

2018

**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 SEPTEMBER 2018**

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	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	12.09.2018	11:30		Agriculture			Clear	0.3	Fishing		Pale Green	Odourless	0.6
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	12.09.2018	11:40		Agriculture			Clear	0.4	Fishing		Pale Green	Odourless	0.6
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	10.09.2018	10:45		Agriculture			Clear	0.3	Sand collection		Pale Yellow	Odourless	0.7
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	25.09.2018	11:45		Domestic			Clear	0.3			Colourless	Odourless	0.3
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	05.09.2018	10:50		Domestic			Clear	0.3			Colourless	Odourless	0.3
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	17.09.2018	8:00		Agriculture			Clear	2.8	Washing & Bathing		Dark colour	Odourless	1.5
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	24.09.2018	1:20		Agriculture			Clear	2	Fishing		Colourless	Odourless	1.1
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	24.09.2018	10:45		Agriculture			Cloudy	6.1	Fishing		Pale Yellow	Odourless	2.7
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	24.09.2018	2:30		Agriculture		Drinking Water Source	Clear	3.5	Fishing		Colourless	Odourless	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	19.09.2018	10:30		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	1.3
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	03.09.2018	5:30		Agriculture			Clear	5	Fishing		Pale yellow	Odourless	2
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	25.09.2018	10:20		Domestic			Clear	1.2	Washing		Colourless	Odourless	2.3
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	25.09.2018	1:46		Agriculture		Drinking Water Source	Clear	1.7			Pale yellow	Odourless	1.7

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF SEPTEMBER YEAR 2018**

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	26	5.4	7.79	138	1.1	0.005	0	2400	1.4	27.6	6.8	0.148	36	8.8	3.4				0.014
2	2053	26	5.4	7.6	136	1	0.005	0	2400	1.5	25.7	7.7	0.179	34	8.8	2.9				0.021
3	3709	29	5.5	7.06	131	1.1	0.013	0	2400	5	25.7	8.5	0.091	34	8.8	2.9				0.02
4	3712	25	4.7	5.48	140	1	0.005			2.1	57	36.6	0.171	70	18.4	5.8				0.014
5	3718	29	3.9	6.1	152	0.9	0.019			0.2	112.1	63.8	0.201	128	40	6.7				0.063
6	3720	24	8.4	7.54	117	1.7	0.006			4.1	20.2	8.5	0.194	28	7.2	2.4				0.024
7	3734	26	8.2	7.21	108	1.4	0.001			1.6	25.7	6.8	0.034	34	8	3.4				0.11
8	3735	26	7.7	6.97	103	1.3	0.04			6.8	23.9	8.5	0.46	32	8	2.9				0.405
9	3736	25	7.1	7.95	120	1.3	0.073			0.4	29.4	7.7	0.053	36	8.8	5.3				0.011
10	3740	26	6.8	7.24	124	1.2	0.006			0.7	25.7	7.7	0.068	36	8.8	3.4				0.016
11	3754	23	4.2	7.85	138	0.8	0.138			7.6	23.9	6.8	1.915	36	8	3.8				0.025
12	3756	21	6.1	7.81	957	1.7	0.005			0.6	31.3	6.8	0.091	42	10.4	3.8				0.021
13	3757	22	6.8	7.81	125	1.1	0.006			2.6	22.1	6.8	0.179	30	8	2.4				0.035