

MIZORAM WATER DATA

SEPTEMBER

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 SEPTEMBER 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	25.9.2017	10:40		Agriculture			Clear	0.5	Fishing		Colourless	Odourless	1.2
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	25.09.2017	10:45		Agriculture			Clear	0.6	Fishing		Colourless	Odourless	1
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	18.09.2017	11:30		Agriculture			Clear		Sand collection		Pale yellow	Odourless	1.1
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	12.09.2017	12:05		Domestic			Clear	0.3			Colourless	Odourless	2.1
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	04.09.2017	10:15		Domestic			Clear	0.5	Fishing		Colourless	Odourless	0.4
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19.09.2017	8:30		Agriculture			Cloudy	0.5	Washing & Bathing		Colourless	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	25.09.2017	3:00		Agriculture			Clear	1.4	Fishing		Colourless	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	25.09.2017	11:40		Agriculture			Clear	3.4	Fishing		Colourless	Odourless	0.8
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	25.09.2017	3:45		Agriculture		Drinking Water Source	Cloudy	N/A	Fishing		Colourless	Odourless	N/A
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	22.09.2017	2:00		Agriculture		Drinking Water Source	Cloudy	0.4			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	23.09.2017	7:10		Agriculture			Clear	4	Fishing		Colourless	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	26.09.2017			Domestic			Clear		Washing		Colourless	Odourless	1.7
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	26.09.2017			Agriculture		Drinking Water Source	Clear				Colourless	Odourless	1.1

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF SEPTEMBER 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	5.2	7.45	147	1.1	0.02	0	2400	2.1	35.8	8.5	0.243	48	10.4	5.2		180	50	0.11
2	2053	27	6.1	7.18	114	1.5	0.017	0	2400	2.8	32.2	7.6	0.312	44	12	3.3		190	60	0.066
3	3709	23	3.9	7.81	315	0.9	0.096	3.6	2400	41.2	30.4	7.6	0.41	42	14.4	1.4		70	20	0.298
4	3712	26	5.4	7.28	210	1	0.028			1.5	37.5	10.2	0.262	34	12	5.7		120	140	0.11
5	3718	21	6.7	7.2	132	1.3	0.098			0.4	78.2	45.2	0.453	94	21.8	6.2		230	70	0.121
6	3720	21	5.2	7.5	100	1	0.038			1.4	32.2	6.8	0.209	46	11.2	4.3		120	10	0.061
7	3734	28	7.3	7.14	213	1.3	0.028			0.3	28.6	8.5	0.234	42	12	2.8		90	40	0.1
8	3735	27	7.1	7.2	200	1.5	0.027			0.4	26.8	7.6	0.251	40	10.4	3.3		110	30	0.058
9	3736	26	6	7.25	174	1	0.064			0	37.5	5.9	0.248	50	11.2	5.2		90	20	0.068
10	3740	23	7	7.41	143	1.3	0.018			0	26.8	34	0.35	34	9.6	2.4				0.1
11	3754	23	5.4	7.22	131	1.1	0.035			0.4	25	6.8	0.357	42	11.2	3.3		120	20	0.11
12	3756	21	6.1	7.21	171	1.5	0.039			0.1	55.4	7.6	0.269	66	16	6.2		120	60	0.086
13	3757	22	6.7	7.14	104	1.1	0.024			0	39.5	8.5	0.179	54	11.2	6.2		120	50	0.069