

# **MIZORAM WATER DATA**

**MAY**

**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 MAY 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	16.05.2017	10:45		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	16.05.2017	10:50		Agriculture			Clear	0.5	Fishing		Pale yellow	Odourless	0.4
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	22.05.2017	10:35		Agriculture			Clear	0.4	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	23.05.2017	12:45		Domestic			Clear	0.4			Colourless	Odourless	0.7
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	02.05.2017	10:25		Domestic			Clear	0.3			Pale yellow	Odourless	0.3
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	20.05.2017	2:30		Agriculture			Clear	0.5	Washing & Bathing		Colourless	Odourless	0.5
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	01.05.2017	2:30		Agriculture			Clear	0.9	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	01.05.2017	12:00		Agriculture			Clear	2	Fishing		Colourless	Odourless	0.5
9	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	01.05.2017	3:40		Agriculture		Drinking Water Source	Clear	N/A	Fishing		Colourless	Odourless	
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	02.05.2017	1:00		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	0.3
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	08.05.2017	5:00		Agriculture			Clear	1	Fishing		Colourless	Odourless	1
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	25.05.2017	11:40		Domestic			Clear	0.6	Washing		Colourless	Odourless	1.2
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	25.05.2017	1:30		Agriculture		Drinking Water Source	Clear	0.7			Colourless	Odourless	0.9

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF MAY 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 <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)	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	28	5.7	8.23	361	1	0.203	3.6	16	30.2	36.2	8.6	1.6	42	12	2.8		120	10	1.165
2	2053	28	5.2	8.45	333	0.8	0.134	0	210	16.4	38	9.6	1.015	44	11.2	3.8				0.722
3	3709	29	4.8	8.16	159	1	0.094	0	2400	6.3	41.6	9.6	0.965	40	9.6	3.8		180	350	0.391
4	3712	29	5.7	7.29	314	1.1	0.052			1.3	45.2	64.3	0.654	68	16	6.7		150	10	0.1
5	3718	27	2.9	7.28	311	0.5	0.164			8.9	65.1	57.6	1.098	82	20	7.6		540	60	0.735
6	3720	25	5.5	7.28	148	1.1	0.055			0.1	54.3	8.6	0.289	52	12	5.2		170	10	0.055
7	3734	27	7.9	7.66	189	1.6	0.064			0.1	27.1	17.2	0.277	48	10.4	5.2				0.089
8	3735	26	7.4	7.45	122	1.4	0.084			0.1	36.2	11.5	0.608	54	12.8	5.2				0.127
9	3736	24	7.2	7.12	133	1.5	0.094			0	30.7	24	0.509	40	9.6	3.8				0.18
10	3740	25	8.3	7.63	245	1.7	0.05			0.3	56.1	8.6	0.334	56	11.2	6.7		120	30	0.107
11	3754	27	7	8.23	167	1.9	0.077			1.2	103.1	13.4	0.562	90	24	7.2		240	30	0.189
12	3756	23	5.8	7.11	216	1.4	0.047			1	92.3	12.4	0.429	86	20.8	8.1				0.199
13	3757	22	6.2	7.42	311	1.4	0.055			0.1	43.4	9.6	0.296	42	10.4	3.8				0.087