

# **MIZORAM WATER DATA**

**JUNE**

**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 JUNE 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	05.06.2017	10:35		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	05.06.2017	10:40		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	19.06.2017	11:15		Agriculture			Rain	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	20.06.2017	12:25		Domestic			Cloudy	0.5			Pale yellow	Odourless	2.2
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	07.06.2017	10:30		Domestic			Clear	1.1	Fishing		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	17.06.2017	10:35		Agriculture			Cloudy	1.04	Washing & Bathing		Pale Yellow	Odourless	1.05
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	24.06.2017	3:00		Agriculture			Clear	1.5	Fishing		Pale Yellow	Odourless	0.8
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	24.06.2017	11:45		Agriculture			Clear	3.5	Fishing		Muddy Color	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	24.06.2017	4:25		Agriculture		Drinking Water Source	Clear	N/A	Fishing		Colourless	Odourless	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	26.06.2017	10:00		Agriculture		Drinking Water Source	Cloudy	N/A			Colourless	Odourless	0.5
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	08.06.2017	12:00		Agriculture			Clear	5	Fishing		Colourless	Odourless	0.5
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	21.06.2017	11:20		Domestic			Clear	1.1	Washing		Pale yellow	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	21.06.2017	12:50		Agriculture		Drinking Water Source	Clear	1.5			Pale yellow	Odourless	0.5

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF JUNE 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	25	4.2	7.86	361	0.7	0.166	3.6	150	14.5	32.2	11.5	1.262	52	12	6.7		60	330	0.819
2	2053	25	5.1	7.92	284	1.1	0.089	9.1	460	10.3	30.4	9.6	0.901	52	11.2	5.7				0.594
3	3709	24	6.6	8.16	237	1.6	0.093	23	2400	26.3	35.8	9.6	0.809	48	10.4	5.7				0.32
4	3712	24	6.1	7.31	334	1.5	0.056			9.7	35.8	9.6	0.707	44	10.4	4.3		70	140	0.165
5	3718	29	4	7.56	340	0.7	0.13			0.7	66.2	73.9	1.296	86	24	6.2		300	10	0.396
6	3720	24	5.4	7.8	155	1.2	0.06			0.3	26.8	8.6	0.296	22	4	2.8				0.12
7	3734	27	7	7.11	204	0.9	0.068			1.9	23.2	14.4	0.372	42	11.2	3.3				0.124
8	3735	26	7.8	7.59	136	1.3	0.068			1.9	37.5	9.6	0.547	52	12	5.2				0.152
9	3736	26	7.3	7.13	144	1.4	0.057			0	26.8	12.4	0.581	42	11.2	3.8				0.149
10	3740	23	7.3	7.49	200	1.4	0.052			0.1	48.3	9.6	0.395	52	11.2	5.7				0.128
11	3754	20	5.8	8.14	213	1.2	0.081			10.6	21.4	7.6	0.578	50	10.4	5.7				0.161
12	3756	22	6.8	7.26	233	1.1	0.055			0.2	89.5	10.5	0.559	82	20	7.6				0.149
13	3757	21	6.4	7.21	274	0.9	0.06			0.1	37.5	9.6	0.319	48	11.2	4.8				0.104