

MIZORAM WATER DATA

August

2018

STATION DETAILS

MIZORAM STATE POLLUTION CONTROL BOARD

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

Sl. No.	Station Code	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)
		1	2	3		5	6	7	8	9	10	11	12	13
1	2050	20.08.2018	10:45		Agriculture		Drinking Water Source	Rain	0.3			Pale Yellow	Odourless	0.4
2	2051	20.08.2018	11:05		Agriculture		WTP located at nearby	Rain	0.4	Fishing		Pale Yellow	Colourless	0.5
3	2052	07.08.2018	11:30		Agriculture			Clear	0.4	Fishing		Pale Yellow	Odourless	0.5
4	2053	07.08.2018	11:40		Agriculture			Clear	0.4	Fishing		Pale Yellow	Odourless	0.6
5	2054	01.08.2018	11:50		Domestic			Clear	0.5	Washing		Colourless	Odourless	N/A
6	2055	20.08.2018	10:05		Domestic			Clear	1	Washing		Colourless	Odourless	N/A
7	3709	13.08.2018	11:30		Agriculture			Clear	0.2	Sand collection		Pale Yellow	Odourless	0.4
8	3710	20.08.2018	10:30		Agriculture		Drinking Water Source	Rain	0.3			Pale Yellow	Odourless	0.3
9	3711	20.08.2018	10:55		Agriculture		Drinking Water Source	Rain	0.3			Pale Yellow	Odourless	0.3
10	3712	20.08.2018	11:45		Domestic			Clear	0.3			Pale Yellow	Odourless	0.2
11	3713	21.08.2018	12:30		Domestic			Clear	0.1	Washing		Colourless	Odourless	1.1
12	3714	16.08.2018	4:00		Agriculture			Clear	0.1	Washing		Colourless	Odourless	1.5
13	3715	07.08.2018	12:45		Agriculture			Clear	0.3	Fishing		Pale Yellow	Odourless	0.4
14	3716	07.08.2018	12:35		Agriculture			Clear	0.3	Fishing		Pale Yellow	Odourless	0.4
15	3717	07.08.2018			Agriculture			Clear	0.4	Fishing		Pale Yellow	Odourless	0.5
16	3718	01.08.2018	10:35		Domestic			Clear	0.3			Colourless	Odourless	0.4
17	3719	18.08.2018	7:35		Agriculture			Clear	1.5	Washing		Dark colour	Odourless	2.5

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MONITORING PERIOD FOR THE MONTH OF AUGUST YEAR 2018

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		1	2	3	4	5	6	7	8	9	10	11	12	13
18	3720	18.08.2018	12:45		Agriculture			Clear	0.1	Washing & Bathing		Dark colour	Odourless	1.5
19	3721	08.08.2018	11:30		Domestic			Clear	0.2			Colourless	Odourless	1.2
20	3722	08.08.2018	11:40		Domestic		Fish Pond	Clear	2.5			Pale Yellow	Odourless	N/A
21	3723	18.08.2018	2:30		Agriculture		Fish Pond	Clear	2.5			Dark colour	Odourless	N/A
22	3724	13.08.2018	1:05		Agriculture			Clear	0.3	Fishing		Pale Yellow	Odourless	0.4
23	3725	08.08.2018	11:05		Domestic			Clear	0.9	Washing		Colourless	Odourless	N/A
24	3726	01.08.2018	11:15		Domestic			Clear	0.8	Washing		Colourless	Odourless	N/A
25	3727	08.08.2018	12:00		Domestic			Clear	0.3	Washing		Colourless	Odourless	N/A
26	3728	21.08.2018	12:20		Domestic			Clear	0.6	Washing		Colourless	Odourless	N/A
27	3729	14.08.2018	10:40		Domestic			Clear	N/A	Washing		Colourless	Odourless	N/A
28	3730	14.08.2018	11:25		Domestic			Clear	N/A	Washing		Colourless	Odourless	N/A
29	3731	14.08.2018	10:40		Domestic			Clear	N/A	Washing		Colourless	Odourless	N/A
30	3732	14.08.2018	12:05		Domestic			Clear	N/A	Washing		Colourless	Odourless	N/A
31	3733	21.08.2018	11:50		Domestic			Clear	N/A	Washing		Pale red	Odourless	N/A
32	3734	11.08.2018	1:40		Agriculture			Clear	2.1	Fishing		Colourless	Odourless	1
33	3735	11.08.2018	11:00		Agriculture			Cloudy	6.2	Fishing		Pale Yellow	Odourless	1.3
34	3736	11.08.2018	2:30		Agriculture		Drinking Water Source	Rainy	N/A	Fishing		Colourless	Odourless	N/A

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

Sl. No.	Station Code	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)
		1	2	3	4	5	6	7	8	9	10	11	12	13
35	3737	11.08.2018	9:30				Drinking Water Source	Clear	N/A			Colourless	Odourless	N/A
36	3738	11.08.2018	2:45		Domestic			Clear	N/A	Washing		Colourless	Odourless	N/A
37	3739	11.08.2018	12:20		Domestic			Cloudy	N/A	Washing		Pale yellow	Metallic smell	N/A
38	3740	15.08.2018	10:30		Agriculture		Drinking Water Source	Rain	0.2			Colourless	Odourless	1.1
39	3741	15.08.2018	9:30		Domestic			Rain	0.9	Washing		Muddy color	Odourless	N/A
40	3742	15.08.2018	10:00		Domestic			Rain	N/A	Washing		Pale yellow	Odourless	N/A
41	3743	20.08.2018	11:20		Agriculture		Drinking Water Source	Cloudy	5			Colourless	Odourless	N/A
42	3744	20.08.2018	1:40		Agriculture			Clear	1.2	Fishing		Pale yellow	Odourless	1.2
43	3745	20.08.2018	3:15		Domestic			Rain	0.8	Washing		Colourless	Odourless	N/A
44	3746	04.08.2018	10:30		Agriculture		Drinking Water Source	Rain	2			Colourless	Odourless	1.2
45	3747	04.08.2018	12:15		Domestic			Rain	0.5	Washing		Colourless	Odourless	2.5
46	3748	04.08.2018	12:50		Domestic			Rain	0.6	Washing		Colourless	Odourless	N/A
47	3749	08.08.2108	5:40		Agriculture		Drinking Water Source	Clear	0.8			Colourless	Odourless	0.2
48	3750	08.08.2108	3:00		Agriculture			Clear	0.4	Washing		Pale yellow	Odourless	0.7
49	3751	07.08.2108	10:30		Agriculture			Clear	0.4	Washing & Fishing		Pale yellow	Odourless	0.7
50	3752	17.08.18	8:45		Agriculture		Drinking Water Source	Cloudy	1.1			Colourless	Odourless	1.4
51	3753	17.08.18	9:30		Domestic			Cloudy	2.4	Washing		Colourless	Odourless	N/A

MIZORAM WATER DATA

August

2018

CORE & GENERAL PARAMETERS

MIZORAM STATE POLLUTION CONTROL BOARD

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF AUGUST 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	2050	25	4.9		256	1	0.029	0	2400	1.3	27.6	7.7	0.16	36	8.8	3.4				0.117
2	2051	25	5.1		244	1.1	0.033	0	2400	2.1	29.4	6.8	0.217	38	8.8	3.8				0.087
3	2052	29	5.3		156	1	0.041	0	2400	0.3	23.9	7.7	0.467	30	8	2.4				0.089
4	2053	29	5.4		201	1.1	0.027	0	2400	0.4	29.4	6.8	0.437	36	8	3.8				0.176
5	2054	21	4.9		117	1	0.017			0	20.2	20.4	0.224	30	8	2.4				0.097
6	2055	20	3.8		316	0.8	0.026			0.2	95.6	48.5	0.312	108	32	6.7				0.128
7	3709	24	5.4		441	1.2	0.07	0	2400	7.2	29.4	7.7	0.41	36	8.8	3.4				0.135
8	3710	25	5.1		217	1	0.026			3.1	20.2	6.8	0.239	28	7.2	2.4				0.12
9	3711	24	4.6		247	0.9	0.027			2.4	22.1	7.7	0.277	30	8	2.4				0.117
10	3712	24	5.4		266	1.1	0.018			4.6	5105	34.9	0.198	62	14.4	6.2				0.117
11	3713	22	4.2		144	0.8	0.017			0	126.6	55.3	0.224	122	36	7.7				0.13
12	3714	16	5.2		233	1.1	0.026			0.3	23.9	6.8	0.087	32	8.8	2.4				0.071
13	3715	29	5.2		222	0.9	0.029			1.2	31.3	8.5	0.289	40	9.6	3.8				0.166
14	3716	28	5		236	0.9	0.033			0.5	36.8	9.4	0.3	46	10.4	4.8				0.17
15	3717	28	5.1		251	1	0.026			2.2	40.4	9.4	0.334	50	11.2	5.3				0.093
16	3718	25	3.7		144	0.9	0.024			0.4	117.6	62.1	0.281	134	40.8	7.7				0.116
17	3719	23	9		242	1.5	0.033			4.3	25.7	6.8	0.388	34	8.8	2.9				0.165

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF AUGUST 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
18	3720	26	9.5		372	1.7	0.036			3.6	23.9	7.7	0.422	30	8	2.4				0.128
19	3721	24	3.6		143	0.9	0.025	0	2400	0.1	75.4	19.6	0.296	90	25.6	6.2				0.093
20	3722	25	5.4		216	1	0.043			4.6	23.9	8.5	0.395	34	8	3.4				0.131
21	3723	26	10.5		318	1.6	0.04			5.2	42.3	9.4	0.581	54	12	5.8				0.116
22	3724	25	4.8		385	1.1	0.043	3.6	2400	5.9	29.4	7.7	0.825	40	10.4	3.4				0.165
23	3725	21	3.7		147	0.8	0.011			0.1	31.3	9.4	0.213	42	9.6	4.3				0.063
24	3726	21	5.4		129	1	0.012	0	2400	0.2	23.9	27.2	0.156	34	8.8	2.9				0.073
25	3727	22	3.2		111	0.8	0.014			0.1	27.6	10.2	0.194	36	8.8	3.4				0.075
26	3728	21	5.4		117	1.2	0.019			0	31.3	13.6	0.22	40	9.6	3.8				0.066
27	3729	22	2.9		357	0.8	0.041			4.3	31.3	21.3	0.521	42	9.6	4.3				0.102
28	3730	21	3.1		244	0.9	0.066			3.3	36.8	19.6	0.547	48	10.4	5.3				0.097
29	3731	22	2.1		152	0.7	0.061			0.8	66.2	28.9	0.414	80	21.6	6.2				0.159
30	3732	22	0.9		471	0.4	0.044			6.2	86.4	55.3	0.68	102	29.6	6.7				0.149
31	3733	21	1.9		320	0.6	0.022			3.9	58.8	57	0.296	70	19.2	5.3				0.093
32	3734	26	7.6		153	1.3	0.017			0	22.1	7.7	0.251	30	8	2.4				0.114
33	3735	26	7.2		231	1.3	0.032			2.8	22.1	6.8	0.032	26	7.2	1.9				0.135
34	3736	25	7.3		171	1.3	0.017			0.3	31.3	8.5	0.198	42	10.4	3.8				0.065

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF AUGUST 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
35	3737	22	7		182	1.3	0.019			0.2	38.6	8.5	0.262	4.8	10.4	5.3				0.111
36	3738	23	6.8		149	1.3	0.015			0.1	25.7	11.1	0.201	34	8	3.4				0.086
37	3739	25	3		337	0.7	0.04			3.8	97.4	30.6	0.498	114	32.8	7.7				0.209
38	3740	21	8.3		142	1.5	0.021			0.1	22.1	7.7	0.179	28	7.2	2.4				0.055
39	3741	20	6.4		233	1.1	0.024			1.8	31.1	22.1	0.418	42	10.4	3.8				0.102
40	3742	22	3.3		340	0.8	0.033			4.2	101.1	36.6	0.418	116	33.6	7.7				0.182
41	3743	21	6.7		144	1.1	0.014			0.1	20.2	6.8	0.156	26	7.2	1.9				0.104
42	3744	23	6.4		217	1.3	0.017			0.2	38.6	8.5	0.296	48	10.4	5.3				0.072
43	3745	20	5.4		198	1.9	0.018			0.1	31.3	21.3	0.338	42	10.4	3.8				0.069
44	3746	20	7.6		210	1.4	0.024			0.1	25.7	7.7	0.3	34	8.8	2.9				0.112
45	3747	18	7.3		177	1.3	0.026			0.2	23.9	6	0.308	36	8	3.8				0.089
46	3748	19	7		145	1.4	0.019			0.3	38.6	7.7	0.167	48	10.4	10.3				0.114
47	3749	21	7.1		142	0.8	0.043			0.2	38.6	6.8	3.344	52	12	5.3				0.171
48	3750	22	7		225	1.6	0.046			0.4	22.1	6.8	0.654	30	7.2	2.9				0.182
49	3751	22	6.9		116	1.3	0.025			0.1	2.9	7.7	0.422	36	8	3.8				0.087
50	3752	23	7.1		148	1.2	0.015			0.1	42.3	6.8	0.11	52	11.2	5.8				0.069
51	3753	21	8.5		221	1.8	0.014			0.2	33.1	10.2	0.179	42	9.6	4.3				0.083

MIZORAM WATER DATA

August

2018

LIST OF OLD AND NEW NWMP STATIONS FOR MIZORAM

MIZORAM STATE POLLUTION CONTROL BOARD

LIST OF 76 NWMP STATIONS

Mizoram Pollution Control Board

Sl. No.	Station Code	Station Name	Address
Aizawl		Mizoram Pollution Control Board	
1	2050	Tlawng Upper Stream	Aizawl
2	2051	Tlawng Lower stream	Aizawl
3	2052	Tuirial Upper Stream	Aizawl
4	2053	Tuirial Lower Stream	Aizawl
5	2054	Ramhlun North Tuikhur	Ramhlun North Tuikhur
6	2055	Mission Vengthlang North Tuikhur	Mission Vengthlang North
7	3709	Tlawng River	Sairang
8	3710	Serlui Stream	Reiek Kai, Near PHE Water Treatment Plant
9	3711	Vaipuanpho Stream	Reiek Kai
10	3712	Tuikual Stream	Reiek Kai
11	3713	Sakhisih Stream	Mission Vengthlang
12	3714	Tuirial River Upstream	Near Sumsuih Village
13	3715	Tuirial River	Airfield before dumping ground
14	3716	Damdiai Stream	Airfield near dumping ground
15	3717	Tuirial River	Airfield after dumping ground
16	3718	Chite Stream	Armed Veng Near Mini Sports Complex
17	3719	Tuirni River	Seling
18	3720	Tuivawl River	Near Tuivawl Bridge, Keifang
19	3721	Lawibual Stream	Lawibual Village
20	3722	Lawibual Fish Pond	Lawibual Village
21	3723	Tamdil Lake	Saitual
22	3724	Challui	Lengpui
23	3725	Lungli Tuikhur	Republic Veng
24	3726	Ramhlun South Tuikhur	Ramhlun South Near Community Hall
25	3727	Tuithiang Veng Tuikhur	Tuithiang
26	3728	Khurpui Tuikhur	South Hlimen
27	3729	Bawngkawn Hand Pump	Near HB Petrol Pump

28	3730	Selesih Hand Pump	Selesih
29	3731	Tuikual Hand Pump	Tuikual
30	3732	Chaltlang Hand Pump	Chaltlang near Remi Tyre Works
31	3733	South Hlimen Hand Pump	South Hlimen
Lunglei		Mizoram Pollution Control Board	
32	3734	Tlawng River Upstream	Zobawk, Lunglei
33	3735	Mat River	Mat
34	3736	Tlawng River	Pialthleng Zotlang, Lunglei
35	3737	Vaitui Tuikhur	Theiriat, Lunglei
36	3738	Sap Tuikhur	Serkawn, Lunglei
37	3739	Zobawk Veng Hand Pump	Lunglei
Lawngtlai		Mizoram Pollution Control Board	
38	3740	Saikah Stream	Lawngtlai
39	3741	Khurpui Tuikhur	Lawngtlai
40	3742	Chanmari Hand Pump	Lawngtlai
Saiha		Mizoram Pollution Control Board	
41	3743	PHE Reservoir (Tanks)	Halipad New Saiha
42	3744	Chhimtuipui River	Kawlchaw
43	3745	Chhochhopa Tuikhur	Saiha
Serchhip		Mizoram Pollution Control Board	
44	3746	Tuikum River	Serchhip
45	3747	Sesah Stream	Serchhip
46	3748	Project Veng Hand Pump	Serchhip
Mamit		Mizoram Pollution Control Board	
47	3749	Lahmun River	Phaizau, Mamit
48	3750	Teirei River	Near Bawngva Village, Mamit
49	3751	Tut River	Near Dapchhuah Village

Kolasib		Mizoram Pollution Control Board	
50	3752	Tuichhuahen Stream	Kolasib
51	3753	Hmar Veng Tuikhur	Kolasib
52	3754	Tlawng River Down Stream	Bairabi
53	3755	Pond	Near Thermal Power Plant Bairabi
Champhai		Mizoram Pollution Control Board	
54	3756	Tiau River	Champhai
55	3757	Tuipui River	Champhai
56	3758	Bethel Veng Hand Pump	Champhai

LIST OF NEW 20 NWMP STATIONS FOR MIZORAM

Sl. No.		Stations Name	Address
Aizawl		Mizoram Pollution Control Board	
57	4114	Chite stream,	Near SIPMUI's STP, Bethlehem Vengthlang, Aizawl
58	4115	Tuikual stream (U/S)	Near New Secretariat Complex, Dinthar, Aizawl
59	4116	P.H.E Water Reservoir	Tlawng river water, Tuikhuahtlang, Aizawl
60	4117	P.H.E Water Reservoir	Tawizo stream water, Rulchawm village
Kolasib		Mizoram Pollution Control Board	
61	4118	Tuirial Dam (River)	Tuirial HEPP, Saipum village
62	4119	Serlui 'B'	Dam, Serlui 'B' HEPP site, Bilkhawthlir village
63	4120	Teirei river	(d/s) Near confluencing point with Tlawng river Sapmara village
64	4121	Tlawng River	Suarpui, Bairabi HEPP Dam site, Bairabi village
Lunglei		Mizoram Pollution Control Board	
65	4122	Khawthlangtuipui River	Tlabung
66	4123	Tuipui Darzokai River	Chhintuipui Tuipui D village
67	4124	Electric veng tuikhur	Lunglei

Champhai		Mizoram Pollution Control Board	
68	4125	Tuipui	(u/s) Near confluencing point with Keilungliah Stream, Vengthar, Champhai
69	4126	Pawhhawn Tuikhur	Near GM H.S.S, Vengsang, Champhai
Saiha		Mizoram Pollution Control Board	
70	4127	Khurpui Tuikhur	New Colony, Saiha
71	4128	Hand-pump	New Saiha Bazar
Lawngtlai		Mizoram Pollution Control Board	
72	4129	Tuivamit Tuikhur	AOC Veng, Lawngtlai
73	4130	Ngengpui stream	Near Kaladan Multi Modal Road Ngengpui village
74	4131	P.H.E Reservoir	(Chengkawl lui & Chengpawng li) Chawnhu village
Serchhip		Mizoram Pollution Control Board	
75	4132	Vantawng waterfall (River)	Buangpui Ram, Near Thenzawl town
Mamit		Mizoram Pollution Control Board	
76	4133	Ngharpet veng tuikhur	Lungsir, Mamit