

U.P. POLLUTION CONTROL BOARD
NATIONAL WATER QUALITY MONITORING PROGRAMME (NWMP)
GROUND WATER (April-2017)
GENERAL PARAMETERS

S. No.	Station Name	Code No.	Regional Office	Temp. °C	pH	Cond. μ mhos/cm	T-Alk mg/l.	P-Alk. mg/l.	NO ₃ mg/l.	BOD mg/l.	COD mg/l.	Cl ⁻ mg/l.	SO ₄ ⁻ mg/l.	Na ⁺ mg/l.	K ⁺ mg/l.	CaCO ₃ /Ca ⁺⁺ mg/l.	MgCO ₃ /Mg ⁺⁺ mg/l.	F.Coli. MPN/100 ml	Turbi. (NTU)	TKN mg/l.	Hard. mg/l.	T.Coli MPN/100 ml	TDS mg/l.	TSS mg/l.	FDS mg/l.	NH ₃ -N mg/l.	Ground Water			
																											B mg/l.	PO ₄ -P mg/l.	F ⁻ mg/l.	
1	Ground water quality station Jodhpur, Sardarnagar, Gorakhpur	1736	Gorakhpur	20	6.92	988	318	-	2.6	3.8	20	352	94	18	-	222	142	100	34	6.4	364	340	628	-	416	0.66	3.60	0.88	-	
2	Ground water quality station Captainingj, Kushinagar, Gorakhpur	1737	Gorakhpur	24	6.92	738	206	-	1.6	3.2	14	132	38	9.2	-	164	102	80	16	3.1	268	230	486	-	268	0.42	0.36	0.54	-	
3	Site-1, Industrial area near M/s woodburn chemical Ltd, Unnao	1738	Unnao	-	7.60	876.6	392	-	-	-	-	28	158.0	85.74	43.10	120.0	224.0	<1.8	0.8	-	364.0	<1.8	490.0	51.0	-	0.22	-	0.05	0.22	
4	Site-1, Industrial area near M/s Jal Jagdamba meatalized, Unnao	1739	Unnao	-	7.28	1905	416	-	-	-	-	286	11.6	31.53	5.72	318.0	282.0	<1.8	1.1	-	600.0	<1.8	1105.0	42.0	-	0.46	-	0.04	1.66	
5	At roadways Bus Station, Unnao	1740	Unnao	-	7.39	2117	550	-	-	-	-	200	192.0	81.35	48.59	81.4	487.6	<1.8	144.0	-	569.0	<1.8	1280.0	28.0	-	0.23	-	0.73	0.07	
6	H.P near Oriental Palace, Magarwara Industrila area, Unnao	1741	Unnao	-	7.5	776	530	-	-	-	-	15	31.3	19.98	4.59	127.0	232.0	<1.8	1.2	-	359.0	<1.8	444.0	18.0	-	0.13	-	0.095	0.58	
7	Chinhath Industrial area in Lko. Near M/s India Pesticides Lko.	1742	Lucknow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Aishbagh Industrial area, near M/s Eveready Industries Ltd. Lko.	1743	Lucknow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Jajmau Industrial area no.6, Kanpur	1744	Kanpur	28	7.83	1800	464	ND	3.4	ND	6	272	3.6	-	-	156	48	<1.8	<5	4.0	264	<1.8	1174	30	368	ND	-	1.80	ND	
10	Panki Industrial area Near Industry of Ammonia Fertilizer, Kanpur	1745	Kanpur	28	7.78	1644	260	ND	4.8	ND	5.2	260	4.12	-	-	168	52	<1.8	<5	4.4	220	<1.8	1068	26	306	ND	ND	1.24	ND	
11	Nagar Palika Tubewell in Sultanpur	1746	Raibareli	20	7.69	901	280	-	0.1	-	-	71	14	15	8	160	98	Nil	1	5.4	258	Nil	452	38	288	0.01	1.44	0.50	0.60	
12	India Marka Hand pump in Sarowni block at Raibareli	1747	Raibareli	20	7.75	922	330	-	0.2	-	-	85.2	18	22	14	214	104	Nil	1	4.9	318	Nil	466	48	324	0.02	2.24	0.68	1.68	
13	Tubewell at Meerut City	1749	Meerut	19	7.5	670	158	-	2.9	-	-	112	66	6	3	232	128	Nil	8	-	360	Nil	430	-	-	0.6	0.8	0.4	0.5	
14	Tubewell at Bagpat City	1750	Meerut	18	7.7	740	178	-	3.3	-	-	134	72	7	5	278	132	Nil	10	-	410	Nil	550	-	-	0.5	0.8	1.1	0.8	
15	Tubewell in Industrial area at Gajraula	1751	Moradabad	-	7.5	889.2	456	-	-	-	-	108	36	8.5	4.6	246	186	-	0.9	-	432	-	542	18	326	0.11	-	0.74	0.46	
16	Sahibabad Industrial area, Ghaziabad	1752	Ghaziabad	25	7	1636	170	Nil	0.40	1.21	4.10	485	22	-	-	127.6	82.6	Nil	Nil	-	211.2	Nil	988	40	34	0.02	0.0	0.2	0.47	
17	Meerut road, Industrial area, Ghaziabad	1753	Ghaziabad	25	7.3	554	330	Nil	0.38	0.35	2.60	27	32	-	-	88.2	35	Nil	Nil	-	123.2	Nil	332	20	14	0.18	0.14	0.04	0.21	
18	Hapur road, Industrial area, Ghaziabad	1754	Ghaziabad	25	7	954	400	Nil	0.4	0.5	3.8	60	32	-	-	150.0	94	Nil	Nil	-	573	Nil	573	22	16	0.06	0.54	0.04	0.44	
19	Filkua Industrial area, Ghaziabad	1755	Ghaziabad	23	7.5	1712	520	Nil	0.48	0.28	2.3	184	0.32	-	-	98.8	94.4	Nil	Nil	-	193.2	-	1027	22	-	0.05	0.4	0.02	0.59	
20	Gopiganj Industrial area, Bhadohi, Varanasi	1756	Varanasi	20	7.64	468	304	-	1.8	1.4	8.8	40.98	17.5	13.24	-	340	134	NT	8	1.6	474	NT	308	-	164	0.4	BDL	0.22	-	

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(S.A.)

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(As.0)

Handwritten signature: *Harpreet*
(I/c central lab)

S. No.	Station Name	Code No.	Regional Office	Temp. °C	pH	Cond. µmhos/cm	T-Alk mg/l.	P-Alk. mg/l.	NO ₃ mg/l.	BOD mg/l.	COD mg/l.	Cl mg/l.	SO ₄ mg/l.	Na ⁺ mg/l.	K ⁺ mg/l.	CaCO ₃ /Ca ⁺⁺ mg/l.	MgCO ₃ /Mg ⁺⁺ mg/l.	F.Coli. MPN/100 ml	Turbid. (NTU)	TKN mg/l.	Hard. mg/l.	T.Coli. MPN/100 ml	TDS mg/l.	TSS mg/l.	FDS mg/l.	NH ₃ -N mg/l.	B mg/l.	PO ₄ -P mg/l.	F ⁻ mg/l.	
21	Mirzapur Industrial area	1757	Allahabad	24.6	7.07	885	348	NT	1.18	0.3	1.2	44.0	4.85	6.00	13	268	132	NT	6	1.23	400	NT	438	20	156	NT	NT	0.428	0.36	
22	Ground water around STP Dinapur, Varanasi	1758	Varanasi	21.0	7.75	522	264	NT	2.2	0.8	7.4	34.98	12.4	8.64	-	330	152	NT	6	2.9	482	NT	334	-	222	0.6	BDL	0.2	-	
23	IFFCO Phoolpur, Allahabad	1759	Allahabad	24.8	7.22	762	356	NT	1.31	0.4	1.2	52.0	6.24	9.00	16	184	156	NT	8	1.28	340	NT	488	18	134	NT	NT	0.519	0.38	
24	M/s Kanoria Chemicals, Sonbhadra	1760	Allahabad	24.0	7.18	1136	284	NT	1.42	0.4	1.4	68.0	15.36	11.00	12	170	128	NT	7	1.51	298	NT	564	24	208	NT	NT	0.595	0.61	
25	Tubewell in Singrauli area, Allahabad	1761	Allahabad	24.3	7.21	1193	336	NT	1.48	0.3	1.4	72.0	12.89	12.00	16	186	138	NT	5	1.18	324	NT	452	23	286	NT	NT	0.576	0.68	
26	Chandpur Industrial area Lahartara, Varanasi	2467	Varanasi	20.6	7.60	530	282	-	2.5	0.80	8.2	30.48	15.8	13.64	-	304	134	NT	8	3.1	438	NT	322	-	208	0.54	BDL	0.17	-	
27	Bhadoli Industrial Area Development Authority, Sant Ravidas Nagar	2468	Varanasi	20.0	7.58	490	296	-	1.60	1.20	8.2	36.48	15.2	15.6	-	338	130	NT	10	1.7	468	NT	304	-	176	0.14	NT	0.3	-	
28	AI Industrial area Naini, Allahabad	2469	Allahabad	24.5	7.16	1248	358	NT	1.44	0.3	1.2	32.0	13.64	11.00	10	184	140	NT	7	1.06	324	NT	464	16	143	NT	NT	0.473	0.33	
29	AI Industrial area, Fatehpur	2470	Allahabad	24.6	7.15	1686	394	NT	1.56	0.4	1.6	88.0	10.68	15.00	12	212	180	NT	7	1.56	392	NT	456	20	178	NT	NT	0.459	0.39	
30	Gorakhpur Industrial Development Authority area (GIDA), Gorakhpur	2471	Gorakhpur	22	8.08	496	136	-	0.22	2.4	10.0	48.0	26	18	-	136	94	40.0	4.4	0.36	230	80.0	332	-	220	0.16	0.34	0.12	-	
31	Village Daurala, Meerut	2472	Meerut	18	7.5	710	166	-	3.8	-	-	137.0	125	5	3	282	166	Nil	9	7.2	448	Nil	470	-	-	0.6	0.9	0.4	0.7	
32	Khekra, Baghpat	2473	Meerut	18	7.7	780	178	-	3.5	-	-	148.0	102	7	4	278	144	Nil	12	5.8	422	Nil	570	-	-	0.8	0.9	1.3	0.6	
33	Unchahaar (Near Thermal power plant), Raebareilly	2474	Raibareilly	21	7.81	891	260	-	0.18	-	-	62.48	14	16	10	198	102	Nil	1	4.0	300	Nil	448	44	278	0.02	2.2	0.54	0.7	
34	Industrial area, Sultanpur Road, Raebareilly	2475	Raibareilly	22	8.01	971	320	-	0.20	-	-	65.32	18	19	12	204	104	Nil	1	4.6	308	Nil	454	48	298	0.02	2.10	0.62	0.8	
35	Gandhi Park, Jalaun (Non operational)	2476	Jhansi	Non operational																										
36	Near Arya Kanya Inter College Jalaun	2477	Jhansi																											
37	Deva Road Industrial area, Chinhath Lko, near Upton Police Chowki, Lko	2478	Lucknow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38	Near M/s Kumar International lakti Fazalpur, Delhi Road, Moradabad	2479	Moradabad	28.0	7.0	266	-	-	0.08	0.5	-	112	42	30	-	112.0	4032.00	Nil	Nil	0.60	448	90	680	-	-	0.0	0.5	1.0	0.1	
39	Near Brahman Majra Pilkhani, Muzaffarnagar	2480	Saharanpur	21.0	7.4	375.0	230.0	-	-	Nil	Nil	58.0	27.50	-	-	170.0	50.0	ND	5.0	-	220	ND	220.0	-	190.0	ND	0.28	Nil	-	
40	Near Peer, Begraj Industrial Area, Muzaffarnagar	2481	Muzaffarnagar	19	7.30	612	164	-	-	Nil	Nil	136	38.0	-	-	240	138	Nil	10.0	-	378	Nil	416	-	-	ND	ND	-	-	
STANDARD for Drinking Water Source IS10500:2012				Acceptable Limit	-	6.5-8.5	-	200.0	-	45.0	-	-	250.0	200.0	-	-	75/-	30.0/-	<1.8	1.0	-	200.0	<1.8	500.0	-	-	0.50	0.5	-	1.0
				Permissible Limit in the absence of alternate source	-	no relaxation	-	600.0	-	no relaxation	-	-	1000.0	400.0	-	-	200/-	100/-	<1.8	5.0	-	600.0	<1.8	2000.0	-	-	no relaxation	1.0	-	1.5