

CHAPTER-28

ENVIRONMENT

Table 28.1- Water quality in Brahmaputra and Barak river in Assam in 2015

(Based on Quarterly Monitoring Data) (Range: Min-Max)

#	Parameters/ Stations	pH	Conductance (µmho/cm)*	DO (mg./ltr.)	BOD (mg./ltr.)	Nitrate-N (mg./ltr.)	Faecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
1	Jhanji River at Jorhat	6.7-7.5	94 - 255	6.9-7.8	0.7-1.3	0.1-1.3	360 -15000	1500 - 46000
2	Dhansiri River at Golaghat	6.4-7.6	110 - 322	5.7-10.8	1.7-5.2	0.4-9.10	360 - 15000	360 - 240000
3	Subansiri River at Gerukamukh	6.6-8.0	71 - 279	8.5-8.9	1-2.9	0.1-1.00	Nil - 24000	910 - 240000
4	Disang River at Gudamghat	6.4-8.7	68 - 429	4.6-6.9	0.9-5.8	0.3-11.20	Nil - 12000	Nil - 21000
5	Buridihing at Margherita	7.2-8.0	208 - 439	6.2-11.0	0.7-1.4	0.1-1.40	Nil - 240000	Nil - 240000
6	Bhogdoi River at Jorhat	6.9-7.6	114 - 303	6.2-7.3	0.9-2.1	0.1-0.80	360 - 110000	3500 - 240000
7	Bharalu River at Guwahati	6.4-7.1	550 - 954	Nil - 0.7	24.0 -50.0	0.5-13.00	2000 - 240000	3500 - 240000
8	Digboi River at Lakhi-pathar Reserve Forests	7.1-7.6	172 - 556	2.5-7.3	3.2-4.3	3.5-10.80	1100 - 110000	2300 - 240000
9	Mora Bharali at Tazpur	6.6-7.8	87 - 341	5.9-7.1	1.2-5.2	0.1-11.80	Nil - 2000	730 - 110000
10	Disang River at Dillighat	7.2-7.8	81 - 248	6.4-8.6	0.7-3.1	0.1-0.30	Nil - 1100	Nil - 2000
11	Kolong River at Morigaon	6.7-7.6	50 - 141	5.2-8.6	0.7-3.1	0.1-1.30	360 - 2800	2100 - 110000
12	Manas River at NH-31 crossing Barpeta	7.2-8.0	345 - 886	5.5-7.6	0.7-3.4	0.1-0.60	360 - 720	730 - 21800
13	Kharsang River before confluence with Buridihing near Kharsang	6.9-7.9	81 - 228	5.8-7.5	0.4-2.2	0.2-1.70	Nil - 4300	Nil - 110000
14	Buridihing near Duliajan at D/S* Tinsukia	7.1-7.9	97 - 409	5.9-10.6	0.6-2.0	0.1-0.40	Nil - 910	Nil - 1500
15	Jia Bharali River near Biswanath Chariali	7.2-7.8	52 - 150	1.5-8.5	0.4-1.8	0.2-0.80	Nil - 1500	1500 - 110000
16	Pagladia River near Nalbari Town	7.6-8.2	147 - 351	5.9-9.3	0.7-1.9	0.1-1.00	360 - 15000	1100 - 46000
17	Borak River at Panchgram	6.9-7.8	59 - 277	5.7-5.9	1.1-2.4	0.3-1.80	730 - 1500	1500 - 15000
18	U/s of Kathakal at Matijuri Hailakandi	6.9-7.7	66 - 264	5.4-5.8	0.6-1.5	0.2-0.80	300 - 4300	7500 - 110000
19	Kundil River at Sapakhowa	7.5-8.1	225 - 434	4.2-8.2	0.8-3.1	0.1-3.10	Nil - 910	Nil - 2300
20	Buridihing River at Duliajan	7.1-8.4	93 - 407	8.2-9	1.2-4.2	0.1-6.10	Nil - 910	Nil - 2300
21	Dikhow River at Dikhow Bridge Sivasagar	6.7-7.4	102 - 359	6.6-7.8	1.4-3.9	0.2-0.60	360 - 240000	2000 - 240000
22	Kohora River at NH Crossing	6.9-7.3	20 - 70	4.3-9.6	1.3-4.9	0.1-16.70	300 - 7500	15000 - 240000
23	Boginadi River near Bridge at NH-52	6.9-7.9	67 - 206	6.9-8.4	0.8-2.2	0.1-0.30	360 - 2000	1500 - 110000
24	Ranga Nadi D/S of Hydrel Project	7.3-8.0	89 - 244	7.1-8.6	1.2-2.7	0.1-0.30	730 - 2000	1500 - 110000
25	Panchnai at NH-52, Orang	7.2-8.1	80 - 150	6.8-8.3	0.8-3.1	0.1-0.50	Nil - 1400	910 - 6400
26	Kapili at Dharamtul Bridge	6.2-7.7	82 - 180	5.6-8.4	0.6-1.5	0.1-1.50	Nil - 2800	Nil - 110000
27	Kolong at D/S of ADP Bridge	6.9-7.2	97 - 403	3.4-8.5	0.7-3.4	0.2-1.30	2100 - 29000	9300 - 240000
28	Beki at NH-37 cross at Barpeta	7.3-7.8	97 - 293	5.4-7.3	0.8-1.6	0.3-0.40	Nil - 730	Nil - 46000
29	Sonkosh River at Dhubri	6.9-7.7	60 - 81	5-7.1	0.9-3.1	0.1-3.10	360 - 24000	360 - 46000
30	Borak at D/S of Silchar	6.6-7.6	51 - 209	5.7-6.3	0.6-2.9	0.1-1.90	730 - 3600	2000 - 240000
31	Sonai River at Sonai	7.1-7.6	48 - 209	5.8-6.3	0.9-3.7	0.5-2.00	360 - 15000	730 - 240000
32	Kushiara at Karimganj	6.6-7.5	54 - 253	5.6-6.3	0.6-1.1	0.3-1.70	360 - 4300	2300 - 9300

Source: Pollution Control Board, Assam.

µmho/cm=Micromho per centimeter; D/S=Downstream; U/S=Up Stream;

Table 28.2- Water quality in Beel, Tank and Pond in Assam in 2015

(Based on Quarterly Monitoring Data)

(Range: Min-Max)

#	Parameters/ Stations	pH	Conductance (µmho/cm)	DO (mg./ltr.)	BOD (mg./ltr.)	Nitrate-N (mg./ltr.)	Faecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
1	Elenga Beel at Jagiroad	7.2-11.3	734 - 3950	Nil - 1.6	14.0-50.0	0.90-7.10	Nil - 4300	Nil - 240000
2	Deepar Beel at Guwahati	6.6-8.3	162 - 301	1.7-13.2	2.0-11.0	0.70-1.50	360 - 110000	2000 - 240000
3	Joysagar Tank at Sivasagar	6.4-6.9	18 - 26	5.8-7.5	2.0-3.2	0.10-0.60	Nil - 910	Nil - 7500
4	Mer Beel at Madhabpur	6.1-7.1	72 - 153	6.2-7.2	0.7-7.6	0.30-5.00	Nil - 3500	360 - 240000
5	Daloni Beel at Jogighopa	7.2-8.1	58 - 185	5.0-6.3	2.4-4.8	0.10-0.80	Nil - 730	720 - 15000
6	Bor Beel at Jakai	6.1-7.2	52 - 390	4.8-6.7	3.8-8.2	0.30-0.60	360 - 15000	2300 - 46000
7	Borpukhuri at Nazira	6.3-8.7	21 - 251	6.3-7.5	0.6-2.7	0.10-8.80	Nil - 360	Nil - 1500
8	Gaurisagar Tank at Gaurisagar	6.3-6.9	13 - 77	6.5-6.7	1.4-2.6	0.10-0.40	360 - 4400	910 - 240000
9	Rajmao Pukhuri at Jorhat	7-7.7	66 - 116	6.2-8.1	1.8-2.9	0.10-0.70	Nil - 2000	910 - 9300
10	Padum Pukhuri at Tezpur	7.3-9.2	216 - 560	8.0-12.0	2.4-6.8	1.00-8.20	Nil - 360	Nil - 2300
11	Gohpur Tank at Gohpur	7.7-8.3	73 - 209	8.0-10.3	2.9-4.1	0.10-0.50	Nil - 910	Nil - 4300
12	Jaipal Pukhuri at Sipajhar	7-8.4	20 - 45	6.6-8.9	5.6-11.0	0.30-1.10	360 - 4300	910 - 240000
13	Botodrowa Satra Pond at Nagaon	6.6-7.3	34 - 96	5.5-7.0	2.6-8.6	0.60-1.00	730 - 3500	910 - 110000
14	Saran Beel at Morigaon	6.6-7.7	59 - 131	2.8-7.0	1.4-3.2	0.20-0.30	360 - 1500	910 - 240000
15	Dighali Pukhuri at Guwahati	7.6-10.1	195 - 343	8.6-19.0	3.6-13.0	1.10-2.90	Nil - 910	360 - 910
16	Soubhagya Pond at Kamakhya	7.1-7.3	429 - 694	4.0-8.9	3.6-7.0	1.60-2.50	360 - 21000	15000 - 240000
17	Deepar Beel near IASST	6.4-7.1	161 - 1236	1.8-6.4	3.4-14.5	0.50-2.30	360 - 7500	3500 - 240000
18	Bishnu Puskar Pukhuri at Hajo	7.8-9.1	221 - 651	10.0-15.1	3.2-6.4	0.40-1.80	360 - 730	360 - 240000
19	Chanddubi Beel at Chanddubi	6.1-7.3	41 - 69	5.5-8.2	0.8-3.1	0.50-1.00	Nil - 1500	730 - 9300
20	Ganga Pukhuri at Nalbari	7.2-7.6	48 - 85	7.7-9.5	1.2-4.6	0.30-6.90	360 - 4300	1500 - 1200
21	Rajadinia Pukhuri at Abhayapuri	6.3-8.2	20 - 25	3.3-7.8	1.6-8.8	0.10-0.80	Nil - 910	360 - 46000
22	Mahamaya Mandir pukhuri	6.8-7.8	35 - 94	5.4-5.9	4.4-4.8	0.10-1.30	Nil - 24000	1500 - 240000
23	Rajapukhuri at Gauripur	6.6-8.0	50 - 98	5.8-9.3	3.7-5.6	0.20-1.60	910 - 46000	46000 - 240000
24	Baskandi Pond at Baskandi	7.1-7.9	25 - 176	5.1-6.4	2.7-4.6	0.10-0.80	Nil - 910	1100 - 4300
25	Sivasagar Tank	6.1-6.8	16 - 26	5.3-7.2	1.4-4.2	0.10-0.4	Nil - 9300	360 - 240000
26	Hordoi Pukhuri at Charaidew	6.3-8.9	16 - 567	5.4-7.2	0.5-3.8	0.10-10.50	Nil - 1500	Nil - 110000
27	Gelabeel at Dergaon	7.1-7.6	29 - 373	4.2-8.4	1.6-4.1	0.50-1.30	360 - 3500	7500 - 110000

Source: Pollution Control Board, Assam.

pH = Hydrogen Ion Concentration a scale for measuring acidity/alkalinity.

Table 28.3- Quality of water in wells in Assam in 2015

(Based on Half yearly Monitoring Data)

(Range: Min-Max)

#	Parameters/ Stations	pH	Conductance (µmho/cm)	DO (mg./ltr.)	BOD (mg./ltr.)	Nitrate-N (mg./ltr.)	Faecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
1	Digboi	6.3-6.4	660 - 762	1.2-6.7	0.7-5.0	3.30-8.6	36 - 12000	24000 - 29000
2	Karbi Anglong	6.2-6.9	205 - 626	2.4-6.1	0.7-0.8	1.20-3.00	150 - 4600	11000 - 24000
3	Sivasagar	6.2-7.5	258 - 364	3.4-4.2	1.8-2.7	0.70-3.00	Nil	91 - 300
4	Sivasagar	5.8-7.1	238 - 696	2.6-2.6	1.3-2.6	0.20-0.40	Nil	Nil - 91
5	Jorhat	7.0-7.4	203 - 579	3.4-5.5	2.3-3.3	3.80-4.20	72 - 280	280 - 4600
6	Silchar	5.2-5.4	72 - 149	5.6-5.6	0.3-2.0	1.60-4.80	Nil	Nil - 230
7	Barpeta	7.1-7.4	587 - 1043	4.5-5.3	1.0-1.2	0.10-0.50	Nil	Nil - 36
8	Bongaigaon	6.4-6.7	34 - 146	2.5-5.4	0.9-1.1	0.10-0.10	Nil	Nil
9	Guwahati	6.6	664	3.1	3.4	8.7	930	1500
10	Guwahati	7.1-7.4	246 - 761	4.5-4.9	0.8-2.3	0.60-1.70	Nil - 750	Nil - 1200
11	Ledo, Margherita	5.2-5.7	298 - 436	0.4-6.2	0.7-2.6	0.10-6.70	Nil	Nil
12	Nazira	6.9-7.2	242 - 520	3.8-3.8	1.4-1.7	3.10-3.3	Nil	Nil - 36
13	Numaligarh	5.4-6.5	138 - 400	5.3-5.3	0.5-0.9	1.50-4.00	Nil - 30	Nil - 1500
14	Semenchapari	6.6-6.9	208 - 470	7.9-7.9	0.8-0.9	0.20-1.50	Nil - 360	Nil - 440
15	Silapathar	6.2-6.2	345 - 706	5.1-5.1	0.7-1.9	0.30-1.70	Nil	Nil - 36
16	Lakhimpur Town	6.1-6.6	145 - 234	4.0-4.0	0.8-1.3	2.10-6.40	30 - 110	60 - 2100
17	Tezpur Mission Chariali	6.2-6.4	153 - 247	4.5-4.5	0.9-1.0	1.70-2.30	Nil	Nil - 36
18	Nagaon, Panigaon	6.5-6.7	314 - 578	2.9-2.9	0.7-1.2	2.10-2.20	Nil	Nil
19	Jagiroad near Hindustan Paper Corporation	6.6-7.0	259 - 718	3.2-3.2	0.7-0.8	0.80-11.20	Nil - 200	Nil - 24000
20	Garchuk near MSW dumping site, Guwahati	6.6-6.9	204 - 257	3.5-3.5	0.8-1	0.10-1.00	Nil	Nil - 360
21	Nalbari	6.6-6.7	305 - 745	2.3-2.3	1.1-1.6	1.20-6.50	Nil	Nil
22	Barpeta Road	7.0-7.0	612 - 1205	5.5-5.5	0.5-1.5	0.20-0.20	Nil	Nil - 140
23	Dhaligaon near BRPL	5.9-7.4	88 - 6000	4.1-4.1	0.4-1.0	0.10-4.90	Nil	Nil - 4600
24	Kokrajhar HS School	6.4-6.5	124 - 136	2.8-3.5	0.6-0.6	0.50-4.90	Nil - 91	Nil - 930
25	Dhubri College Nagar	6.7-7.2	576 - 1036	4.7-5.7	0.5-1.2	0.10-0.10	Nil - 2400	91 - 2400
26	Goalpara College	6.3-6.6	390 - 613	2.7-2.7	0.4-0.6	1.50-2.80	Nil	2300 - 3500
27	Diphu Govt. College	7.5-7.8	971 - 1904	2.8-6.6	0.7-0.9	0.40-1.90	Nil	Nil - 210
28	Haflong	6.1-7.1	125 - 668	6.0-6.0	0.6-3.9	0.20-0.70	Nil	Nil - 150
29	Karimganj (College)	5.9	74	-	0.7	0.10	Nil	Nil
30	Hailakandi near ASTC bus stand	6.9-7.7	166 - 417	5.5-5.5	0.4-0.7	1.60-9.80	Nil	Nil
31	Panchagram market near Cachar Paper Mill	6.5-7.5	134 - 184	5.8-5.8	1.1-4.1	0.10-4.00	Nil - 4300	280 - 9300

Source: Pollution Control Board, Assam.

MSW = Municipal Solid Waste.

Table 28.4- Quality of water at Brahmaputra river at different locations in Assam in 2015

(Based on Monthly/Quarterly Monitoring Data)

(Range: Min-Max)

Parameters/ Station	pH	Conductance (µmho/cm)	DO (mg/l)	BOD (mg/l)	Nitrate-N (mg/l)	Faecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
Brahmaputra River at							
Maijan	6.8-8.3	86-244	6.3-9.0	0.5-2.0	0.1-3.1	Nil-15000	Nil-110000
Balijan	6.7-8.1	81-532	5.5-9.5	0.6-2.8	0.1-4.7	Nil-110000	360-240000
Nimatighat	6.4-7.9	68-327	5.8-7.8	0.6-3.5	0.1-1.7	Nil-24000	360-240000
Dhenukhanapahar	7.1-8.1	42-274	5.6-8.6	0.4-1.6	0.1-5.4	360-21000	2800-240000
Chandrapur	6.4-7.3	76-125	4.4-7.7	0.8-2.0	0.3-2.0	360-9300	360-9300
Kacharighat	7.2-7.9	111-273	5.0-7.6	1.1-2.9	0.1-0.2	1400-7500	1400-21000
Pandu	7.0-8.1	101-272	5.9-9.8	0.6-1.6	0.6-1.6	300-110000	2300-240000
Sualkuchi	7.1-7.7	103-309	7.1-8.8	1.0-2.0	0.1-1.0	730-240000	4300-240000
Jogighopa	7.3-8.3	129-282	5.3-7.8	0.8-1.6	0.1-0.6	Nil-15000	Nil-240000
Dhubri	7.3-7.7	107-175	5.6-6.4	1.0-2.5	0.1-0.1	910-24000	2300-46000

Source: Pollution Control Board, Assam.

Table 28.5- Air quality status at different residential zone in Guwahati in Assam in 2015

Location	SO ₂ (µg m ⁻³)		NO ₂ (µg m ⁻³)		PM ₁₀ (µg m ⁻³)	
	2013	2014	2013	2014	2013	2014
	During Pre-Deepawali (29-10-2013 & 15-10-2014)					
Santipur	7.90	6.20	14.30	12.10	78.50	48.40
Gopinath Nagar	9.90	5.40	18.90	11.70	114.70	49.80
Bamunimaidam	5.30	7.00	14.30	12.10	189.00	46.50
Khanapara	7.00	7.20	15.00	13.80	107.60	70.90
	During Deepawali (03-11-2013 & 13-10-2014)					
Santipur	6.30	8.50	14.60	15.90	180.50	139.50
Gopinath Nagar	8.30	6.00	18.40	12.70	402.80	268.60
Bamunimaidam	8.40	10.70	14.10	18.30	243.70	222.40
Khanapara	9.60	10.40	14.70	18.80	209.60	169.00

SO₂ = Sulphur Dioxide; NO₂ = Nitrogen Dioxide; PM₁₀ = Particulate Matter of size 10 micron; µg m⁻³ = Micro gram per cubic meter.

Source: Pollution Control Board, Assam.

Table 28.6- Air quality in Guwahati and in Assam at different locations in 2015

(Based on 16th hrs. Average data under National Air Monitoring Programme)

(Figure in $\mu\text{gm-3}$)

#	Station/Location	No. of Observation (in days)	SO2		NO2		RSPM		SPM	
			Range (Min-Max)	Mean	Range (Min-Max)	Mean	Range (Min-Max)	Mean	Range (Min-Max)	Mean
	GUWAHATI									
1	Bamunimaidan, Guwahati-21	254	4.50-12.80	7.50	9.00-24.30	13.80	59.50-281.50	98.30	105.00-393.50	154.80
2	ITI Building, Gopinath Nagar	243	3.50-13.00	6.70	8.50-27.50	13.80	47.00-237.50	95.60	85.00-348.50	159.00
3	Santipur (Near Pragjyotish College)	255	3.30-13.50	6.90	8.50-24.50	14.00	54.00-240.50	95.70	67.00-411.00	153.90
4	Khanapara (Central Diry Campus, Guwahati)	220	3.00-13.30	7.30	9.10-26.80	15.00	54.00-358.00	112.00	-	-
5	Gauhati University(Deptt of EnvSc campus)	218	3.30-10.80	6.60	9.30-27.80	14.70	46.00-240.00	94.60	80.50-344.50	155.80
6	Boragaon (IASST Campus, Guwahati)	128	4.80-11.50	7.50	9.50-22.50	14.10	54.00-230.50	90.80	88.00-317.00	143.60
	OTHER LOCATIONS									
1	Dibrugarh (Board's Office Building)	98	5.00-13.00	7.40	11.00-29.00	14.70	22.00-218.00	109.10	48.00-312.00	163.90
2	Golaghat (Board's Office Building)	97	5.00-11.50	7.00	10.80-18.30	13.80	59.50-207.50	123.80	111.00-295.50	187.40
3	Sivasagar (Board's office building)	102	3.80-13.50	6.20	9.80-19.80	13.00	33.00-127.00	60.00	86.00-320.50	125.00
4	Tezpur (Board's Office Building)	103	4.80-11.80	7.20	11.30-20.00	13.90	20.50-203.00	89.50	31.50-293.50	137.20
5	Silchar (Board's Office Building)	94	3.30-9.50	6.10	8.40-21.80	13.50	47.00-103.50	71.50	85.50-181.50	128.10
6	Barpara (Board's Office Building), Bongaigaon	94	5.00-11.00	7.10	10.50-18.50	14.20	17.50-80.00	44.20	26.50-152.00	70.70
7	Bongaigaon (Campus of Oil India)	93	4.80-11.50	6.70	10.80-19.30	13.30	17.50-85.00	47.80	26.50-153.50	75.30
8	Darranga(BTAD,Near Sadoop Jhankar Town,Bhutan)*	81	2.00-8.80	5.60	5.70-19.20	12.00	18.70-203.30	69.00	42.00-282.00	109.10
9	Margherita (Coal India Complex)	93	4.30-13.80	7.40	11.00-24.80	14.90	54.00-200.50	115.40	94.50-289.50	176.90
10	North Lakhimpur (Bazar Patti)	96	4.00-10.80	6.40	9.90-30.80	14.10	44.00-196.50	78.50	69.50-254.50	121.60
11	Usha Lodge (Near ONGC Colony, Sivasagar)	101	3.80-8.50	6.30	9.00-20.30	12.90	44.00-153.50	80.60	83.00-314.00	154.40
12	Janiganj (Silchar)	94	3.80-8.00	6.00	8.60-23.80	13.10	30.00-104.00	73.00	74.00-183.00	129.00
13	Digboi Carbon Factory Campus, Tinsukia.	93	2.50-10.50	6.90	10.30-20.80	14.10	51.50-209.50	113.70	85.50-282.50	175.00
14	Shreepuria (Borguri, Tinsukia)	85	4.00-11.30	7.40	11.00-24.30	15.50	51.00-222.00	123.60	97.00-307.00	183.00
15	Nalbari (PWD Rural Div Office Complex)	105	2.00-10.80	6.10	11.00-22.80	15.30	58.00-236.50	120.40	106.50-325.50	185.50
16	Nagaon (WRD Campus, Christain Patty.)	76	6.00-13.30	8.30	11.80-23.00	15.10	56.00-239.50	136.90	102.00-401.50	204.80
	Annual National Standard for Residential areas (in $\mu\text{gm-3}$)		50		40			60		-

* Data based on 24 hrs daily average data under national Air monitoring programme.

RSPM = Respirable Suspended Particulate Matter.SO2 = Sulphur Dioxide;

NO2= Nitrogen Dioxide; PM10 = Particulate Matter of size 10 micron;

$\mu\text{g m-3}$ =Micro gram per cubic meter.

Source: Pollution Control Board, Assam.

Table 28.7- Noise level in Assam at different locations in 2015

Location	Zone	Noise Level [dB(A)]			
		Before Deepawali (Monitoring Time: 6:00 PM to 12:00 PM)		During Deepawali (Monitoring Time: 6:00 PM to 12:00 PM)	
		Leq dB(A) on 15.10.14	Leq dB(A) on 05.11.15	Leq dB(A) on 23.10.2014	Leq dB(A) on 11.11.2015
GUWAHATI					
Panbazar	Silence	61.4	61.7	64.2	82.3
Ganeshguri	Commercial	76.8	68.2	86.5	74.2
TEZPUR					
RLO Tezpur	Residential	60.9	63.1	72.2	77.6
Mazgaon	Residential	61.3	63.5	72.6	80.2
Civil Hospital	Silence	60.9	63.9	69.8	78.7
Main Bazar	Commercial	68.1	70.6	78.8	81.7
DIBRUGARH					
Milan Nagar	Residential	47.8	84.0	50.8	73.1
H.S. Road	Commercial	67.8	101.0	69.9	100.9
AMC Hospital	Silence	49.2	63.2	49.9	53.7
SILCHAR					
Ambicappatty	Residential	60.3	60.0	65.7	67.8
Janiganj	Commercial	67.3	66.7	85.7	88.0
Near Court Complex	Silence	54.7	54.8	61.5	61.0
GOLAGHAT					
Old Amulapatty	Residential	47.4	-	65.2	-
Market Area	Commercial	57.4	62.9	81.4	76.9
Golaghat Civil Hosp.	Silence	47.5	-	54.8	-
NAGAON					
Christian Patty	Residential	64.3	59.6	69.2	69.7
Market Area	Commercial	71.3	69.0	78.0	83.8
(Hoibargaon)					
Nagaon Civil Hosp.	Silence	59.0	66.9	69.0	73.2
BONGAIGAON					
Barpara	Residential	50.5	49.4	68.7	60.4
Mayapuri	Commercial	64.7	51.8	80.8	73.1
Civil Hospital	Silence	46.5	44.1	60.9	51.8
SIVASAGAR					
Melachakar	Residential	49.4	49.0	60.3	60.0
Central Market	Commercial	64.1	51.8	84.9	73.1
Shiva Dol	Silence	47.5	43.3	56.9	51.8

Source: Pollution Control Board, Assam.

dB(A) = Decible in accuracy of noise measurement;

Leq = Limit equivalent;