

Table 2.3: Summary of SO₂ levels (Annual Average Concentration in µg/m³) during 2006.

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average (µg/m ³)	Std. Dev.	n	Air Quality	% vio
1.	Andhra Pradesh	Hyderabad	Nacharam	I	4	3	87	L	0
			CITD Balanagar	I	6	2	100	L	0
			Uppal	I	5	0.3	95	L	0
			Jubilee Hills	R	4	0.2	98	L	0
			Charminar	R	5	0.2	97	L	0
			Paradise	R	5	1	105	L	0
			Tarnaka	R	5	4	90	L	0
			ABIDS Circle	R	6	4	91	L	0
			Zoo Park	S	5	0.2	95	L	0
		Visakhapatnam	Industrial Estate	I	12	3	121	L	0
			Mindi	R	12	2	111	L	0
			Police Barracks	R	11	2	118	L	0
			Seethammadhara	R	11	1	118	L	0
			Naval Area	S	10	1	117	L	0
			Ganapuram	R	12	2	90	L	0
		Tirupati	Regional Science Centre	S	4	0	87	L	0
		Vijaywada	Auto Nagar	I	6	1	89	L	0
			Benz Circle	R	5	1	101	L	0
		Patancheru	Police Station	R	13	1	55	L	0
		Kurnool	Mourya Inn	R	4	0	91	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
2.	Assam	Guwahati	Bamunimaidam	R	7	3	299	L	0
			Fire Brigade Station	R	7	3	288	L	0
			ITI Building Goipnath Nagar	R	6	3	251	L	0
			Near Pragiyotish College	R	9	2	29	-	0
		Bongaigaon	Borpara Boards Regional Office	R	4	1	67	L	0
		Dibrugarh	Dibrugarh Office Building	R	6	2	33	-	0
		Golaghat	Golaghat Office Buliding	R	5	2	38	-	0
		Sivasagar	Sivasagar Office Building	R	5	2	40	-	0
		Tezpur	Tezpur Office Building	R	4	1	50	L	0
		Hailakandi	CISF Campus	R	7	2	37	-	0
3.	Bihar	Patna	Beltron Bhavan	R	9	2	93	L	0
			Gandhi Maidan	R	11	2	75	L	0
4.	Chandigarh	Chandigarh	Industrial Area	I	BDL	0	151	L	0
			Sector -17C	R	BDL	0.3	145	L	0
			Punjab Engg. College	R	BDL	0.3	140	L	0
			IMTECH, Sector 39	R	BDL	0.3	151	L	0
			Kaimbwala Village	R	BDL	0.3	153	L	0
5.	Chattisgarh	Korba	Pragati Nagar	R	13	1	95	L	0
			HIG 21, 22, MP Nagar (Extn)	R	13	1	96	L	0
			ITI Rampur	R	13	1	93	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
5.	Chattisgarh	Bhilai	Laghu Udyog Nigam I.A.	I	26	1	78	L	0
			Vishak Hostel	R	23	1	85	L	0
			Regional Office Bunglow Office Building	R	BDL	2	90	L	0
		Raipur	M/s Wool Worth (I) Ltd	I	11	1	73	L	0
			New HIG – 9, Hirapur	R	12	2	83	L	0
			Yatayat Thane	R	12	1	77	L	0
6.	Delhi	Delhi	Mayapuri Industrial Area	I	13	7	97	L	0
			Shahzada Bagh	I	9	4	62	L	0
			Shahdara	I	10	7	78	L	0
			Sarojini Nagar	R	7	4	96	L	0
			Town hall	R	10	6	96	L	0
			Nizamuddin	R	10	4	77	L	0
			Pritam Pura	R	9	6	47	-	0
			Siri Fort	R	6	2	78	L	0
			Janakpuri	R	9	4	78	L	0
7.	Goa	Vasco	On the roof of Fuse Call Office, Elec. Dept.	I	BDL	4	104	L	0
			Mormugao Port Trust	I	BDL	3	102	L	0
		Panjim	Patto, Panaji	R	BDL	3	105	L	0
8.	Gujarat	Ahmedabad	Naroda GIDC	I	13	2	104	L	0
			Shardaben Hospital	I	11	2	100	L	0
			Cadilla Bridge, Narol	R	12	2	104	L	0
			L. D. Engineering College	R	9	2	101	L	0
			R.C.High school	R	10	2	95	L	0
			AZL Behrampur	R	10	2	102	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
8.	Gujarat	Vadodara	CETP Nandesari	I	26	4	101	L	0
			GPCB Office, Geri Vasahat	R	9	3	104	L	0
			City Dandia Bazaar	R	18	4	102	L	0
			Shubhanpura	R	10	9	107	L	0
		Surat	Udhna	I	25	3	96	L	0
			SVR Engg. College	R	21	3	104	L	0
			Near Air India Office	R	23	3	104	L	0
		Rajkot	Sardhara Ind. Corporation	I	12	4	103	L	0
			Regional Office	R	11	4	102	L	0
		Ankaleshwar	Rallis India Ltd	I	26	2	103	L	0
			Durga Traders	R	21	2	103	L	0
		Vapi	GEB GIDC	I	25	2	104	L	0
			Vapi Nagar Palika	R	22	3	103	L	0
		Jamnagar	Fisheries Office	R	11	5	103	L	0
9.	Haryana	Faridabad	Shivalic Global Industries	I	12	2	97	L	0
			Regional Office	R	10	2	126	L	0
		Yamuna Nagar	Ballarpur Industries	I	17	3	52	L	0
		Hissar	Urban Estate II	R	9	1	86	L	0
			Guru Jambheshwar Univ.	R	8	2	94	L	0
10.	Himachal Pradesh	Shimla	Tekka Bench, The Ridge	S	4	3	117	L	0
			Bus Stand	R	7	5	122	L	0
		Parwanoo	AC Office Building,	I	4	1	125	L	0
			Regional Office	R	BDL	1	147	L	0
		Damtal	Regional Office	R	BDL	2	122	L	0
			Old Road	R	4	2	103	L	0

S.n o.	State	City	Location	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
10.	Himachal Pradesh	Paonta Sahib	Industrial Area, Gondpur	I	BDL	0.3	115	L	0
			Paonta Sahib	R	BDL	0.3	137	L	0
		Baddi	Industry Dept. Office Building	I	4	1	292	L	0
		Kala Amb	Industrial Area	I	BDL	1	131	L	0
			Kala Amb	R	BDL	0	89	L	0
11.	Jharkhand	Dhanbad	Regional Office	R	19	3	90	L	0
		Jharia	MADA	I	20	3	97	L	0
		Sindri	BIT	I	19	3	92	L	0
		Jamshedpur	Bistupur Vehicle Testing Center	I	39	3	91	L	0
			Golmuri Vehicle Testing Center	I	37	4	81	L	0
12.	Karnataka	Bangalore	Graphite India Limited	I	23	12	81	L	0
			KHB Industrial Area	I	21	9	76	L	0
			Peenya Industrial Area	I	18	6	46	-	0
			Victoria Hospital	S	20	9	73	H	15
			Amco Batteries	R	20	10	65	L	0
			Yeshwantpura	R	18	6	63	L	0
		Mysore	Hebbal Industrial Area	I	17	6	103	L	0
			K.R. Circle	R	18	6	112	L	0
		Hubli-Dharwad	Lakkamanahalli Industrial Area	I	BDL	1	83	L	0
			Rani Chennamma Circle	R	BDL	1	97	L	0
		Mangalore	Baikampady Indl. Area	I	8	3	104	L	0

S.No.	State	City	Location	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
12.	Karnataka	Gulbarga	Govt. Hospital	S	BDL	3	98	L	0
		Belgam	KSPCB Building	I	BDL	1	80	L	0
		Hassan	KSRTC Bus Stand Building	R	6	1	105	L	0
13.	Kerala	Kochi	Eloor	I	26	29	107	L	2
			Irumpanam	I	6	13	107	L	0
			Ernakulum south	R	BDL	2	108	L	0
		Tiruvananthapuram	Hitech Chackai	I	17	3	104	L	0
			SMV School	R	7	3	104	L	0
			Sasthamangalam/Pettah	R	6	1	103	L	0
			PRS Hospital	S	7	2	105	L	0
		Kozhikode	Nallalam	I	BDL	0.4	110	L	0
			Kozhikode City	R	BDL	1	110	L	0
		Kottayam	Vadavathoor	I	5	0.3	96	L	0
			Kottayam	R	6	0.3	96	L	0
		Palakkad	SEPR Refractories India Ltd. Kanjikode	I	BDL	1	120	L	0
14.	Madhya Pradesh	Bhopal	CEPT Govindpura	I	4	1	76	L	0
			Hamidia Road	R	5	2	72	L	0
			TT Nagar	R	4	1	78	L	0
			Arera Colony	R	BDL	0	241	L	0
		Jabalpur	Vijay Nagar	R	BDL	0	86	L	0
		Nagda	Chemical Division Labour Club	I	28	6	77	L	0
			BCI Labour Club	R	18	4	80	L	0
			Grasim Kalyan Kendra	R	21	4	79	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
14.	Madhya Pradesh	Satna	Sub-divisional Office	I	4	1	78	L	0
			Regional Office	R	BDL	1	84	L	0
		Indore	Pologround	I	8	4	69	L	0
			Kothari Market	R	7	4	59	L	0
			Telephone Nagar	R	4	2	73	L	0
		Dewas	EID Perry(I) Ltd	I	19	6	34	-	0
			Metal Section	R	11	4	15	-	0
			Vikas Nagar	R	14	6	43	-	0
		Singrauli	Jayant Township	R	25	2	22	-	0
			NTPC Vidhyanagar	R	26	2	20	-	0
			Waidhan	R	19	1	19	-	0
		Sagar	Pt.Deendayal Nagar	R	7	2	26	-	0
		Gwalior	Dindayal Nagar	R	6	2	71	L	0
			Maharaj Bada	R	6	2	58	L	0
		Ujjain	District Office	I	18	5	43	-	0
			Regional Office	R	10	2	44	-	0
			Mahakal Temple	S	16	4	45	-	0
15.	Maharashtra	Mumbai	Parel	I	9	12	95	L	0
			Worli	R	9	10	95	L	0
			Kalbadevi	R	9	8	92	L	0
		Solapur	WIT Campus	I	16	3	103	L	0
			Chitale Clinic	R	15	2	104	L	0
		Thane	Balkum/Kolshet	I	12	3	92	L	0
			Kopri	R	11	3	106	L	0
			Naupada	R	11	3	99	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
15.	Maharashtra	Nagpur	MIDC Office	I	5	8	80	L	0
			Hingna Road	I	10	1	87	L	0
			Institution of Engineers	R	10	2	85	L	0
			Govt.Polytechnic College	R	10	3	85	L	0
			Nagpur Corporation Building, Maskasath	R	4	6	94	L	0
			NEERI Lab., Nehru Marg	R	5	11	93	L	1
		Pune	Bhosari	I	26	6	97	L	0
			Swargate	R	26	6	94	L	0
			Nalstop	R	24	5	100	L	0
		Nasik	VIP Industrial Area	I	34	6	93	L	0
			RTO Colony Tank	R	30	5	86	M	0
			Nasik Municipal Council Building	R	38	8	99	M	0
		Chandarpur	MIDC, Chandrapur	I	33	8	96	L	0
			SRO/Gram Panchayat Ghugus	R	25	11	73	L	0
			Nagar Parishad	R	26	9	95	L	0
		Aurangabad	Bibi Ka Maqbara	S	5	1	88	L	0
			S.B.E.S. College	R	5	2	84	L	0
			C.A.D.A. Office	R	5	2	84	L	0
		Kolhapur	University Campus, Shivaji University	R	5	1	103	L	0
			Ruikar Trust, Dabholkar Corner	R	12	3	104	L	0
			Mahadwar Road , Near Mahalaxmi temple	R	8	2	102	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
15.	Maharashtra	Dombivali	Dombivali MIDC Phase-II	I	25	22	100	L	0
			Ambernath Municipal Council Office	I	23	29	88	L	2
		Navi Mumbai	MIDC Taloja	I	25	22	41	-	2
			MPCB Central Lab, TTC	I	32	34	25	-	0
			Airoli TTC	R	18	24	38	-	3
			MESB Power Station, Taloja	R	13	16	50	L	0
			Nerul, TTC	R	16	18	53	L	2
			Panvel, Taloja	R	11	13	44	-	0
		Lote	Pump House	I	38	44	76	L	7
			Chalke Wadi	R	15	15	28	-	0
		Tarapur	MIDC Compound	I	18	22	66	L	2
			Police Chowki	I	14	12	55	L	0
			Sport Stadium	I	14	13	64	L	0
16.	Meghalaya	Shillong	Boards Office Premises	R	BDL	0	61	L	0
			MUDA Complex Police Bazar	R	4	3	34	-	0
17.	Mizoram	Aizawal	Bawongkawn	R	BDL	1	94	L	0
			Khatla	R	BDL	1	92	L	0
			Laipuitlang	R	BDL	0.3	94	L	0
18.	Nagaland	Dimapur	Bank colony	R	BDL	1	103	L	0
			Dhobinala	R	BDL	0.4	105	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
19.	Orrisa	Talcher	T.T.P.S. Colony	I	9	2	102	L	0
			Coal Field	I	9	2	64	L	0
		Angul	Industrial Estate	I	7	1	102	L	0
			NALCO Nagar Township	R	5	1	104	L	0
		Rourkela	IDL Police Outpost	R	5	1	106	L	0
			Regional Office	R	5	1	105	L	0
		Rayagada	Jaykaypur	I	BDL	1	107	L	0
			Regional Office	R	BDL	1	108	L	0
		Bhubaneshwar	SPCB Building	R	BDL	0.2	106	L	0
			IRC Village	R	BDL	0.2	95	L	0
			Capital Police Station	R	BDL	0.2	93	L	0
		Cuttack	R.O. Cuttack Office	R	BDL	1	106	L	0
			Roof of Traffic Tower	R	BDL	1	111	L	0
		Sambalpur	Roof of Filter Plant PHD Off.	R	BDL	1	106	L	0
		Behrampur	Regional Office	R	BDL	0	86	L	0
20.	Pondicherry	Pondicherry	PIPDIC Ind Estate	I	14	7	92	L	0
			DSTE Office	R	8	3	93	L	0
			Chamber of Commerce	R	7	3	88	L	0
21.	Punjab	Ludhiana	Milk Plant	I	16	3	140	L	0
			Rita Sewing Machine	I	16	3	108	L	0
			Bharat Nagar Chowk	R	15	4	22	-	0
			Vishwakarma Office Building	R	16	3	145	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
21.	Punjab	Jalandhar	Focal Point	I	12	1	124	L	0
			Regional Office	R	10	1	105	L	0
			MC Tubewell	R	11	1	96	L	0
			Punhab Maltex/M/s Gee Kay International	I	12	1	112	L	0
		Gobindgarh	M/s Raj Steel Rolling Mills	I	11	2	101	L	0
			M/s Modi Oil & General Mills	R	11	2	144	L	0
			United Rolling Machine	R	11	2	116	L	0
		Naya Nangal	M/s Punjab Alkalies & Chemicals Ltd.	R	10	3	129	L	0
			M/s NFL Guest House	R	10	3	131	L	0
		Amritsar	Nagina Soap Factory	I	12	1	64	L	0
			A-1 Platters	R	12	2	66	L	0
		Bathinda	M/s Bhandinda Dist, Coop Milk Procedures Union Ltd.	I	11	2	91	L	0
		Khana	Markfed Vanaspati	I	14	3	86	L	0
			A S School	R	14	2	72	L	0
		Derabassi	M/s Punjab Chemicals and Crop Protection Ltd	I	11	1	86	L	0
			M/s Winsome Yarns Ltd.	I	11	2	107	L	0
22.	Rajasthan	Alwar	RIICO Pump House	I	6	1	95	L	0
			Gaurav Solvex/Vitage Distillers Ltd.	I	7	1	92	L	0
			Regional Office	R	7	2	99	L	0
		Jaipur	VKIA	I	16	16	95	L	0
			RIICO Office, M.I.A.	I	4	1	101	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
22.	Rajasthan	Jaipur	Office of District Education Officer, Chandpole	R	5	1	98	L	0
			Ajmeri Gate	R	4	1	101	L	0
			Rajasthan SPCB Office	R	BDL	1	103	L	0
			Regional Office(North), RSPCB, Vidaya Nagar	R	5	4	98	L	0
		Jodhpur	RIICO/R.O. Office	I	7	1	102	L	0
			DIC Office	I	7	1	104	L	0
			Sojati Gate	R	7	1	93	L	0
			Maha Mandir Police Thana	R	7	1	102	L	0
			Shastri Nagar Police Thane	R	7	1	103	L	0
			Office of Housing Board	R	6	1	103	L	0
		Kota	Regional Office	I	9	4	102	L	0
			KVK Bhorkhara	R	8	2	102	L	0
			Municipal Corporation Bldg	R	8	2	100	L	0
		Udaipur	Regional Office	I	8	2	100	L	0
			Town Hall	R	7	2	84	L	0
			Amabmata	R	7	1	91	L	0
23.	Tamil Nadu	Chennai	Thiruvottiyur Municipal Office	I	7	6	92	L	0
			Kathhivakkam	I	13	4	98	L	0
			Manali	I	13	5	97	L	0
			Thiruvottiyur	I	12	6	137	L	0
			Madras Medical College	R	7	6	90	L	0
			NEERI CSIR Campus	R	6	5	95	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
23.	Tamil Nadu	Coimbatore	SIDCO Office	I	13	3	81	L	0
			Dist. Collectors Office	R	11	2	76	L	0
			Poniarajapuram	R	10	2	90	L	0
		Madurai	Fenner (I) Ltd./Susee Cars & Trucks Ltd.	I	13	4	101	L	0
			Highway	R	10	3	99	L	0
			Kunnathur Chatram/ Avvai Girls Hr Sec School	R	10	4	100	L	0
		Tuticorin	Raja Agencies	I	18	5	87	L	0
			Fisheries College	R	17	4	85	L	0
			AVM Jewellery Building	R	17	6	94	L	0
		Salem	Sowdeswari Coll Building	R	8	1	143	L	0
24.	Uttar Pradesh	Lucknow	Talkatora	I	11	3	110	L	0
			Kapoor Hotel	R	10	2	110	L	0
			Mahanagar	R	10	2	109	L	0
			Aminabad	R	11	3	110	L	0
			Aliganj	R	10	2	110	L	0
		Kanpur	Fazalganj	I	7	1	62	L	0
			Jajmau	I	7	1	84	L	0
			Deputy ka Padao	R	7	1	81	L	0
			Kidwai Nagar	R	7	1	85	L	0
			Sharda Nagar	R	7	1	65	L	0
			Vikas Nagar	R	4	0	250	L	0
		Varanasi	Regional Office	R	16	2	93	L	0
			Shivpur	R	15	2	53	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
24.	Uttar Pradesh	Anpara	Anapara Colony	I	21	3	104	L	0
			Renusagar Colony	I	21	3	101	L	0
		Gajraula	Raunaq Auto Limited	I	32	7	76	L	0
			Indra Chowk	R	24	1	2	-	0
		Ghaziabad	Shahibabad Industrial Area	I	12	5	85	L	0
			Bulandshahar Road Industrial Area	I	11	4	83	L	0
		Agra	TajMahal	S	6	3	270	L	0
			Itmad ud daulah	S	7	3	109	L	0
			Rambagh	S	7	3	112	L	0
			Nunhai	S	7	3	110	L	1
		Noida	M/s GEE PEE Electroplating and Engineering Works	I	23	5	94	L	0
			Regional Office	R	22	6	93	L	0
		Firozabad	Center for Development of Glass Industry	I	22	4	96	L	0
			Tilak Nagar	R	18	4	100	L	0
			Raza ka Tal	R	18	4	96	L	0
		Janshi	Jail Chauraha	R	7	2	68	L	0
			Veerangna Nagar	R	7	1	73	L	0
25.	Uttaranchal	Dehradun	Clock Tower	R	25	3	86	L	0

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
26.	West Bengal	Kolkata	Cossipore	I	11	8	94	L	0
			Behala Chowrasta	I	7	3	104	L	0
			Dunlop Bridge	I	9	7	105	L	0
			Lal Bazaar	R	11	12	96	L	0
			Kasba	R	9	8	95	L	0
			J.D. Park	R	6	2	175	L	0
			Baishabghate	R	5	2	100	L	0
			Salt Lake	R	6	2	104	L	0
			Minto Park	R	6	3	104	L	0
			Moulali	R	8	6	105	L	0
		Haldia	WBIIDC	I	9	3	103	L	0
			Super Market	I	8	2	102	L	0
		Durgapur	Dew India Ltd	I	11	5	104	L	0
			Kwality Hotel	I	6	1	104	L	0
			PCBL Club	R	5	0.3	104	L	0
		Asansol	Asansol Municipal Corporation	I	5	1	104	L	0
		Howrah	Howrah Municipal Corporation	I	8	5	104	L	0
			Bandhaghat	I	9	8	103	L	0
			Ghuseri	R	12	9	101	L	0
			Bator	R	6	3	103	L	0

Note:- R – Residential and other areas, I – Industrial area, S – Sensitive Areas, Std dev. – Standard deviation, n – number of days monitored for 16 and more hours a day L- Low, M- Moderate, H – High and C – Critical levels of pollution based on exceedance factor (calculated for $n \geq 50$ days), % vio – percentage violation of NAAQS (24 hourly average)
BDL = Below Detection Limit (Concentration less than $4 \mu\text{g}/\text{m}^3$ for SO_2)