

Table 5.3: Summary of SPM levels (Annual Average Concentration in $\mu\text{g}/\text{m}^3$) during 2006.

S.No.	STATE/UT	CITY	LOCATION	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
1.	Andhra Pradesh	Hyderabad	Nacharam	I	133	48	84	L	0
			CITD Balanagar	I	279	69	100	M	0
			Uppal	I	273	68	95	M	0
			Jubilee Hills	R	140	42	98	H	8
			Charminar	R	276	47	97	C	91
			Paradise	R	284	51	105	C	91
			Tarnaka	R	164	60	91	H	26
			ABIDS Circle	R	170	71	92	H	32
			Zoo Park	S	134	53	95	C	76
		Visakhapatnam	Industrial Estate	I	187	23	121	M	0
			Mindi	R	209	24	111	H	68
			Police Barracks	R	203	32	118	H	55
			Seethammadhara	R	186	31	118	H	21
			Naval Area	S	161	24	117	C	99
			Ganapuram	R	283	68	90	C	90
		Tirupati	Regional Science Centre	S	101	11	87	H	64
		Vijaywada	Auto Nagar	I	242	30	89	M	0
			Benz Circle	R	178	20	101	H	17
		Patancheru	Police Station	R	113	11	55	M	0
		Kurnool	Mourya Inn	R	192	76	90	H	28

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2.	Assam	Guwahati	Bamunimaidam	R	201	146	300	H	43
			Fire Brigade Station	R	202	135	289	H	39
			ITI Building Goipnath Nagar	R	153	128	250	H	24
			Near Pragiyotish College	R	224	39	29	-	69
		Bongaigaon	Borpara Boards Regional Office	R	59	32	67	L	0
		Dibrugarh	Dibrugarh Office Building	R	98	53	33	-	3
		Golaghat	Golaghat Office Buliding	R	98	45	38	-	3
		Sivasagar	Sivasagar Office Building	R	91	42	40	-	0
		Tezpur	Tezpur Office Building	R	108	75	50	M	14
3.	Bihar	Patna	CISF Campus	R	72	28	37	-	0
4.	Chandigarh	Chandigarh	Beltron Bhavan	R	243	25	93	C	97
			Gandhi Maidan	R	353	75	76	C	100
			Industrial Area	I	291	117	152	M	3
			Sector -17C	R	189	75	145	H	39
			Punjab Engg. College	R	189	85	140	H	40
5.	Chattisgarh	Korba	IMTECH, Sector 39	R	215	98	150	C	47
			Kaimbwala Village	R	211	94	156	C	49
			Pragati Nagar	R	158	20	93	H	0
			HIG 21, 22, MP Nagar (Extn)	R	205	33	96	H	67
5.	Chattisgarh	Korba	ITI Rampur	R	210	32	93	C	73

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	Chattisgarh	Bhilai	Laghu Udyog Nigam I.A.	I	265	21	78	M	0
			Vishak Hostel	R	200	33	89	H	40
			Regional Office Bunglow Office Building	R	162	20	91	H	1
		Raipur	M/s Wool Worth (I) Ltd	I	289	44	76	M	0
			New HIG – 9, Hirapur	R	259	45	89	C	88
			Yatayat Thane	R	210	33	80	C	65
6.	Delhi	Delhi	Mayapuri Industrial Area	I	484	221	95	H	48
			Shahzada Bagh	I	406	121	57	H	28
			Shahdara	I	408	191	78	H	24
			Sarojini Nagar	R	374	184	95	C	78
			Town hall	R	464	209	96	C	88
			Nizamuddin	R	350	168	77	C	83
			Pritam Pura	R	401	178	48	-	88
			Siri Fort	R	335	161	78	C	81
			Janakpuri	R	380	141	72	C	90
7.	Goa	Vasco	On the roof of Fuse Call Office, Elec. Dept.	I	159	100	103	L	1
			Mormugao Port Trust	I	84	48	102	L	0
		Panjim	Patto, Panaji	R	99	59	104	M	5
8.	Gujarat	Ahmedabad	Naroda GIDC	I	329	52	104	M	0
			Shardaben Hospital	I	205	49	100	M	0
			Cadilla Bridge, Narol	R	271	59	104	C	87
			L. D. Engineering College	R	164	61	103	H	33
			R.C.High school	R	223	67	95	C	55
			AZL Behrampur	R	207	57	104	H	53

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	Gujarat	Vadodara	CETP Nandesari	I	350	65	101	M	0
			GPCB Office, Geri Vasahat	R	153	43	104	H	13
			City Dandia Bazaar	R	243	27	102	C	93
			Shubhanpura	R	202	81	216	H	48
		Surat	Udhna	I	179	15	96	L	0
			SVR Engg. College	R	165	14	104	H	0
			Near Air India Office	R	172	15	104	H	1
		Rajkot	Sardhara Ind. Corporation	I	305	66	103	M	0
			Regional Office	R	106	37	102	M	1
		Ankaleshwar	Rallis India Ltd	I	178	16	103	L	0
			Durga Traders	R	168	19	103	H	1
		Vapi	GEB GIDC	I	172	28	104	L	0
			Vapi Nagar Palika	R	155	29	103	H	0
		Jamnagar	Fisheries Office	R	181	62	103	H	48
9.	Haryana	Faridabad	Shivalic Global Industries	I	409	23	96	H	0
			Regional Office	R	353	47	125	C	99
		Yamuna Nagar	Ballarpur Industries	I	230	77	57	M	0
		Hissar	Urban Estate II	R	248	123	97	C	63
			Guru Jambheshwar Univ.	R	164	51	94	H	20
10.	Himachal Pradesh	Shimla	Tekka Bench, The Ridge	S	87	52	149	H	34
			Bus Stand	R	126	67	140	M	15
		Parwanoo	AC Office Building,	I	231	115	129	M	2
			Regional Office	R	152	89	148	H	20
		Damtal	Regional Office	R	152	54	124	H	22
			Old Road	R	220	76	106	C	56

S.no.	State	City	Location	Type of Area	Average ($\mu\text{g}/\text{m}^3$)	Std. Dev.	n	Air Quality	% vio
	Himachal Pradesh	Paonta Sahib	Industrial Area, Gondpur	I	356	158	128	M	19
			Paonta Sahib	R	230	124	142	C	4
		Baddi	Industry Dept. Office Building	I	428	164	295	H	30
		Kala Amb	Industrial Area	I	482	169	130	H	42
			Kala Amb	R	146	84	89	H	23
11.	Jharkhand	Dhanbad	Regional Office	R	167	63	94	H	30
		Jharia	MADA	I	229	68	98	M	0
		Sindri	BIT	I	151	60	93	L	0
		Jamshedpur	Bistupur Vehicle Testing Center	I	280	25	90	M	0
			Golmuri Vehicle Testing Center	I	279	26	81	M	0
12.	Karnataka	Bangalore	Graphite India Limited	I	408	257	100	H	27
			KHB Industrial Area	I	163	63	96	L	0
			Peenya Industrial Area	I	241	101	55	M	2
			Victoria Hospital	S	179	61	87	C	90
			Amco Batteries	R	128	48	86	M	9
			Yeshwantpura	R	158	45	93	H	15
		Mysore	Hebbal Industrial Area	I	79	17	103	L	0
			K.R. Circle	R	91	20	111	M	0
		Hubli-Dharwad	Lakkamanahalli Industrial Area	I	98	73	83	L	1
			Rani Chennamma Circle	R	214	130	97	C	64
		Mangalore	Baikampady Indl. Area	I	151	120	103	L	2

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	Karnataka	Gulbarga	Govt. Hospital	S	186	73	98	C	89
		Belgam	KSPCB Building	I	59	31	88	L	0
		Hassan	KSRTC Bus Stand Building	R	161	25	105	H	10
13.	Kerala	Kochi	Eloor	I	129	81	107	L	1
			Irumpanam	I	118	90	107	L	2
			Ernakulum south	R	95	45	108	M	5
		Tiruvananthapuram	Hitech Chackai	I	105	19	104	L	0
			SMV School	R	87	23	104	M	1
			Sasthamangalam/Pettah	R	65	21	102	L	1
			PRS Hospital	S	79	28	105	H	5
		Kozhikode	Nallalam	I	99	49	111	L	0
			Kozhikode City	R	87	40	110	M	3
		Kottayam	Vadavathoor	I	36	8	95	L	0
			Kottayam	R	61	19	96	L	0
		Palakkad	SEPR Refractories India Ltd. Kanjikode	I	178	19	120	L	0
14.	Madhya Pradesh	Bhopal	CEPT Govindpura	I	164	17	76	L	0
			Hamidia Road	R	250	29	74	C	93
			TT Nagar	R	85	24	79	M	1
			Arera Colony	R	265	122	241	C	68
		Jabalpur	Vijay Nagar	R	173	36	86	H	21
		Nagda	Chemical Division Labour Club	I	114	14	79	L	0
			BCI Labour Club	R	98	8	81	M	0
			Grasim Kalyan Kendra	R	107	7	79	M	0

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	Madhya Pradesh	Satna	Sub-divisional Office	I	460	64	79	H	22
			Regional Office	R	213	35	84	C	67
		Indore	Pologround	I	215	109	77	M	1
			Kothari Market	R	194	89	66	H	38
			Telephone Nagar	R	157	72	75	H	24
		Dewas	EID Perry(I) Ltd	I	103	43	34	-	0
			Metal Section	R	107	30	17	-	0
			Vikas Nagar	R	96	30	44	-	0
		Singrauli	Jayant Township	R	384	34	33	-	100
			NTPC Vidhyanagar	R	286	26	31	-	100
			Waidhan	R	290	61	30	-	100
		Sagar	Pt.Deendayal Nagar	R	192	35	26	-	39
		Gwalior	Dindayal Nagar	R	230	126	72	C	50
			Maharaj Bada	R	185	108	58	H	33
		Ujjain	District Office	I	123	23	46	-	0
			Regional Office	R	118	36	46	-	7
			Mahakal Temple	S	128	41	45	-	80
15.	Maharashtra	Mumbai	Parel	I	232	119	94	M	0
			Worli	R	222	96	95	C	59
			Kalbadevi	R	237	104	92	C	57
		Solapur	WIT Campus	I	323	23	105	M	0
			Chitale Clinic	R	336	23	104	C	100

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	Maharashtra	Nagpur	MIDC Office	I	241	88	80	M	0
			Hingna Road	I	185	59	87	M	0
			Institution of Engineers	R	173	49	86	H	16
			Govt.Polytechnic College	R	180	51	88	H	22
			Nagpur Corporation Building, Maskasath	R	185	92	92	H	39
			NEERI Lab., Nehru Marg	R	145	58	94	H	16
		Pune	Bhosari	I	250	54	97	M	0
			Swargate	R	263	59	94	C	86
			Nalstop	R	259	47	100	C	91
		Nasik	VIP Industrial Area	I	139	49	92	L	0
			RTO Colony Tank	R	131	47	85	M	6
			Nasik Municipal Council Building	R	154	47	98	H	28
		Chandarpur	MIDC, Chandrapur	I	144	60	87	L	0
			SRO/Gram Panchayat Ghugus	R	170	86	64	H	23
			Nagar Parishad	R	157	74	87	H	15
		Aurangabad	Bibi Ka Maqbara	S	128	87	58	C	52
			S.B.E.S. College	R	210	140	56	C	48
			C.A.D.A. Office	R	162	83	60	H	42
		Navi Mumbai	MIDC Taloja	I	231	147	16	-	6
			MPCB Central Lab, TTC	I	239	135	21	-	5
			Airoli, TTC	R	211	131	19	-	5

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		Navi Mumbai	MESB Power Station, Taloja	R	265	180	20	-	45
			Nerul, TTC	R	242	192	28	-	46
			Panvel, Taloja	R	281	212	15	-	47
		Lote	Pump House	I	92	61	76	L	0
			Chalke Wadi	R	110	45	28	-	4
		Tarapur	MIDC Compound	I	123	56	66	L	0
			Police Chowki	I	134	39	51	L	0
			Sport Stadium	I	126	44	62	L	0
16.	Meghalaya	Shillong	Boards Office Premises	R	63	16	61	L	0
			MUDA Complex Police Bazar	R	113	29	34	-	0
17.	Mizoram	Aizawal	Bawongkawn	R	128	56	94	M	15
			Khatla	R	92	43	93	M	2
			Laipuitlang	R	68	41	94	L	0
18.	Nagaland	Dimapur	Bank colony	R	129	45	106	M	4
			Dhobinala	R	141	43	106	H	9
19.	Orissa	Talcher	T.T.P.S. Colony	I	192	96	102	M	0
			Coal Field	I	166	64	64	L	0
		Angul	Industrial Estate	I	228	78	102	M	0
			NALCO Nagar Township	R	131	48	104	M	6
		Rourkela	IDL Police Outpost	R	185	38	106	H	36
			Regional Office	R	185	45	105	H	35

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	Orissa	Rayagada	Jaykaypur	I	103	47	107	L	0
			Regional Office	R	114	48	109	M	3
		Bhubaneshwar	SPCB Building	R	117	69	106	M	10
			IRC Village	R	120	55	95	M	6
			Capital Police Station	R	191	133	93	H	41
		Cuttack	R.O. Cuttack Office	R	159	54	106	H	16
			Roof of Traffic Tower	R	271	98	111	C	79
		Sambalpur	Roof of Filter Plant PHD Off.	R	115	25	111	M	0
		Behrampur	Regional Office	R	156	86	103	H	34
20.	Pondicherry	Pondicherry	PIPDIC Ind Estate	I	111	49	95	L	0
			DSTE Office	R	130	53	94	M	9
			Chamber of Commerce	R	103	46	91	M	4
21	Punjab	Naya Nangal	M/s Punjab Alkalis & Chemicals Ltd.	R	231	65	103	C	67
			M/s NFL Guest House	R	220	53	131	C	60
		Amritsar	Nagina Soap Factory	I	375	48	63	H	0
			A-1 Platters	R	366	56	66	C	100
		Bathinda	M/s Bhantinda Dist, Coop Milk Procedures Union Ltd.	I	242	66	91	M	0
		Derabessi	M/s Punjab Chemicals and Crop Protection Ltd	I	233	54	84	M	0
			M/s Winsome Yarns Ltd.	I	252	62	105	M	0
22.	Rajasthan	Alwar	RIICO Pump House	I	196	76	95	M	0
			Gaurav Solvex/Vitage Distillers Ltd.	I	222	91	91	M	2
			Regional Office	R	280	113	99	C	74
		Jaipur	VKIA	I	478	210	96	H	37

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	Rajasthan	Jaipur	RIICO Office, M.I.A.	I	176	96	102	L	1
			Office of District Education Officer, Chandpole	R	447	195	98	C	91
			Ajmeri Gate	R	270	148	101	C	61
			Rajasthan SPCB Office	R	233	159	104	C	47
			Regional Office(North), RSPCB, Vidaya Nagar	R	245	144	98	C	57
		Jodhpur	RICCO/R.O. Office	I	348	140	102	M	12
			DIC Office	I	347	137	103	M	17
			Sojati Gate	R	351	109	92	C	96
			Maha Mandir Police Thana	R	347	136	101	C	93
			Shastri Nagar Police Thane	R	441	183	100	C	94
			Office of Housing Board	R	370	171	101	C	91
		Kota	Regional Office	I	329	168	101	M	12
			KVK Bhorkhara	R	254	139	102	C	63
			Municipal Corporation Bldg	R	255	126	101	C	64
		Udaipur	Regional Office	I	399	240	98	H	40
			Town Hall	R	190	110	86	H	40
			Amabmata	R	174	121	93	H	32
23.	Tamil Nadu	Chennai	Thiruvottiyur Municipal Office	I	166	76	93	L	0
			Kathhivakkam	I	132	59	98	L	0
			Manali	I	152	46	97	L	0
			Thiruvottiyur	I	147	80	138	L	1
			Madras Medical College	R	176	91	91	H	24
			NEERI CSIR Campus	R	104	58	95	M	6

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24.	Tamil Nadu	Coimbatore	SIDCO Office	I	214	73	87	M	0
			Dist. Collectors Office	R	88	43	79	M	3
			Poniarajapuram	R	83	47	95	M	2
		Madurai	Fenner (I) Ltd./Susee cars & Trucks Ltd.	I	113	58	98	L	0
			Highway	R	106	43	97	M	4
			Kunnathur Chatram/Avvai Girls Higher Sr. Sec. School	R	126	62	99	M	14
		Tuticorin	Raja Agencies	I	108	83	87	L	0
			Fisheries College	R	75	43	84	M	2
			AVM Jewellery Building	R	101	47	94	M	5
		Salem	Sowdeswari Coll Building	R	69	20	143	L	0
	Uttar Pradesh	Lucknow	Talkatora	I	420	68	110	H	12
			Kapoor Hotel	R	399	68	110	C	100
			Mahanagar	R	387	64	109	C	100
			Aminabad	R	408	70	110	C	100
			Aliganj	R	401	70	110	C	100
		Kanpur	Fazalganj	I	393	118	73	H	21
			Jajmau	I	434	83	93	H	19
			Deputy ka Padao	R	409	92	92	C	100
			Kidwai Nagar	R	400	92	92	C	100
			Sharda Nagar	R	414	98	82	C	100
			Vikas Nagar	R	349	168	250	C	77
		Varanasi	Regional Office	R	296	55	92	C	99
			Shivpur	R	348	55	53	C	98

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	Uttar Pradesh	Anpara	Anapara Colony	I	282	118	103	M	5
			Renusagar Colony	I	256	102	104	M	0
		Gajraula	Raunaq Auto Limited	I	348	69	76	M	4
			Indra Chowk	R	194	34	46	-	33
		Ghaziabad	Shahibabad Industrial Area	I	449	90	76	H	40
			Bulandshahar Road Industrial Area	I	404	101	75	H	21
		Agra	TajMahal	S	316	129	270	C	83
			Itmad ud daulah	S	401	148	105	C	99
			Rambagh	S	431	132	106	C	99
			Nunhai	S	637	259	108	C	99
		Noida	M/s GEE PEE Electroplating and Engineering Works	I	447	56	94	H	15
			Regional Office	R	453	66	94	C	100
		Firozabad	Center for Development of Glass Industry	I	458	147	98	H	40
			Tilak Nagar	R	360	130	100	C	89
			Raza ka Tal	R	401	144	97	C	92
		Janshi	Jail Chauraha	R	348	130	71	C	86
			Veerangna Nagar	R	223	102	77	C	48
25.	Uttaranchal	Dehradun	Clock Tower	R	269	89	90	C	77

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26.	West Bengal	Kolkata	Cossipore	I	325	163	94	M	18
			Behala Chowrasta	I	232	117	104	M	4
			Dunlop Bridge	I	247	126	105	M	3
			Lal Bazaar	R	281	136	93	C	70
			Kasba	R	237	129	95	C	55
			Baishabghate	R	174	105	100	H	33
			Salt Lake	R	173	98	104	H	33
			Minto Park	R	151	80	104	H	27
			Maulali	R	212	117	105	C	47
		Haldia	WBIIDC	I	213	141	103	M	5
			Super Market	I	195	127	102	M	2
		Durgapur	Dew India Ltd	I	440	274	103	H	38
			Kwality Hotel	I	285	155	104	M	14
			PCBL Club	R	155	84	104	H	30
		Asansol	Asansol Municipal Corporation	I	280	174	104	M	12
		Howrah	Howrah Municipal Corporation	I	287	200	104	M	18
			Bandhaghat	I	195	132	103	M	3
			Ghuseri	R	220	137	101	C	51
			Bator	R	187	120	103	H	43

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)