

SM Decina *et al.* – Supporting Information

WebTable 1. Publications used in this analysis

Paper	Year	First author	Region	Country	Location	Latitude	Longitude	Type	Measurement
1	2018	Khan	Southeastern Asia	Malaysia	Petaling Jaya	3.127887	101.594488	Wet	C
2	2018	Decina	North America	USA	Boston	42.360083	-71.05888	Bulk,TF	D
3	2017	Song	Eastern Asia	China	Chengdu	30.572815	104.066801	Bulk	C,D
4	2017	Ponette-Gonzalez	South America	Brazil	Rio de Janeiro	-22.906847	-43.172897	Bulk,TF	D
5	2017	Li	Eastern Asia	China	Qilian County	38.177021	100.253252	Wet	C
6	2017	Liu	Eastern Asia	China	Guiyang	26.647661	106.630153	Wet	C,D
7	2017	Kurzyca	Europe	Poland	Poznan	52.406374	16.925168	Bulk	C
				Poland	Warsaw	52.229676	21.012229	Wet	C
				Poland	Katowice	50.264892	19.023782	Wet	C
				Poland	Wroclaw	51.107885	17.038538	Wet	C
8	2017	Decina	North America	USA	Boston	42.360083	-71.05888	TF	D
9	2017	Chaturvedi	Southern Asia	India	Mathura	27.492413	77.673673	Wet	C,D
10	2017	Beysens	Europe	France	Paris	48.856614	2.352222	Wet,Dew	C
11	2017	Baysal	Western Asia	Turkey	Istanbul	41.008237	28.978358	Snow	C
12	2016	Xiao	Eastern Asia	China	Xian	34.341574	108.93977	Wet	C
13	2016	Wang	Eastern Asia	China	Chengdu	30.572815	104.066801	Dry	D
				China	Wanzhou	30.807667	108.408661	Wet,Dry	D
14	2016	Tiwari	Southern Asia	India	Delhi	28.704059	77.10249	Dust	D
15	2016	Pandey	Southern Asia	India	Dev Prayag	30.145947	78.599292	Bulk	D
				India	Varanasi	25.317645	82.973914	Bulk	D
				India	Kolkata	22.572646	88.363895	Bulk	D
16	2016	Izquieta-Rojano	Europe	Spain	Barcelona	41.385064	2.173403	Bulk,TF	C,D
				Spain	Madrid	40.416775	-3.70379	Bulk,TF	C,D
17	2016	Hoseinzadeh	Southern Asia	Iran	Khorramabad	33.464683	48.338964	Wet	C

18	2016	Hall	North America	USA	Salt Lake City	40.760779	-111.891047	Bulk	C,D
19	2016	Cieзка	Europe	Poland	Wroclaw	51.107885	17.038538	Wet	C
20	2016	Cheng	Eastern Asia	China	Nanjing	NA	NA	Wet,Dry	D
21	2015	Vieira-Filho	South America	Brazil	Sao Paulo	-23.55052	-46.63331	Wet	C
				Brazil	Cubatao	-23.891615	-46.424414	Wet	C
22	2015	Varenik	Europe	Ukraine	Sevastopol	44.61665	33.525367	Wet	C,D
23	2015	Tulloss	North America	USA	Pleasanton	37.77493	-122.419416	Bulk,TF	D
24	2015	Sudalma	Southeastern Asia	Indonesia	Semarang	-7.005145	110.438125	Wet	C
25	2015	Ouyang	Eastern Asia	China	Beijing	39.9042	116.407396	Wet	C
26	2015	Muskala	Europe	Poland	Krakow	50.06465	19.94498	Dew	C
27	2015	Meena	Western Asia	Iraq	Erbil	36.206293	44.00887	Wet	C
				Iraq	Sleman	35.557045	45.435942	Wet	C
				Iraq	Duhok	36.867905	42.948857	Wet	C
28	2015	Lewis	North America	USA	Greenville	34.852618	-82.39401	Dry	D
29	2015	Kazemi	Southern Asia	Iran	Shahrood	36.406224	55.016269	Wet	C
30	2015	Huang	Eastern Asia	China	Guangzhou	23.12911	113.264385	Bulk	D
31	2015	Gupta	Southern Asia	India	Delhi	28.704059	77.10249	Dust	D
				India	Ghaziabad	28.669156	77.453758	Dust	D
32	2015	deSouza	South America	Brazil	Rio de Janeiro	-22.885898	-43.115221	Bulk	C,D
33	2015	Chen	Eastern Asia	Taiwan	Keelung	25.127603	121.739183	Wet	C,D
34	2015	Bisht	Southern Asia	India	Varanasi	25.317645	82.973914	Wet	C
35	2015	Beyn	Europe	Germany	Geesthacht	53.437956	10.361166	Wet,Dry	D
36	2015	Araujo	South America	Brazil	Itabuna	-14.788033	-39.278418	Bulk	C,D
				Brazil	Ilheus	-14.793505	-39.04638	Bulk	C,D
37	2015	Al Harbi	Western Asia	Kuwait	Kuwait City	29.375859	47.977405	Dust	D
38	2014	Rao	North America	USA	Boston	42.360083	-71.05888	TF	D

39	2014	Riha	North America	USA	Tuscon	32.221743	-110.926479	Wet	C
40	2014	Pandey	Southern Asia	India	Varanasi	25.317645	82.973914	Bulk	D
41	2014	Hall	North America	USA	Salt Lake City	40.760779	-111.891047	Snow	C
42	2014	Beyn	Europe	Germany	Geesthacht	53.437956	10.361166	Wet,Dry	D
43	2014	Aikawa	Eastern Asia	Japan	Kobe	34.691268	135.183071	Wet	D
44	2013	Xing	Eastern Asia	China	Xian	34.341574	108.93977	Wet	C
45	2013	Vieira-Filho	South America	Brazil	Sao Paulo	-23.55052	-46.633309	Wet	C
46	2013	Luo	Eastern Asia	China	Beijing	39.9042	116.407396	Bulk,Dry	C,D
				China	Baoding	38.874434	115.464589	Bulk,Dry	C,D
				China	Zhengzhou	34.746611	113.625328	Dry	C,D
47	2013	Li	Eastern Asia	China	Urumqi	43.825592	87.616848	Wet,Dry	C,D
48	2013	Huang	Eastern Asia	China	Shenzen	22.543096	114.057865	Wet	C,D
49	2013	Fang	Eastern Asia	China	Guangzhou	23.12911	113.264385	Wet	C,D
50	2013	Chiwa	Eastern Asia	Japan	Tokyo	35.689488	139.691706	Wet	D
				Japan	Masuda	34.674817	131.842862	Wet	D
				Japan	Fukuoka	33.590355	130.401716	Wet	D
				Japan	Kasuya	33.610743	130.480523	Bulk	D
51	2013	Bettez	North America	USA	Baltimore	39.290385	-76.612189	Bulk,TF	D
52	2012	Zhang	Eastern Asia	China	Dailan	38.914003	121.614682	Wet	C
53	2012	Zbieranowski	North America	Canada	Toronto	43.653226	-79.383184	Dry	D
54	2012	Xing	Eastern Asia	China	Xian	34.341574	108.93977	Wet	C
55	2012	Shen	Eastern Asia	China	Xian	34.341574	108.93977	Wet	C,D
56	2012	Pan	Eastern Asia	China	Beijing	39.9042	116.407396	Wet,Dry	D
				China	Tianjin	39.112049	117.173933	Wet,Dry	D
				China	Baoding	38.874434	115.464589	Wet,Dry	D
				China	Tanggu	39.028903	117.661318	Wet,Dry	D
				China	Tangshan	39.630867	118.180193	Wet,Dry	D

57	2012	Li	Eastern Asia	China	Guangzhou	23.12911	113.264385	Bulk	C,D
58	2012	Huang	Eastern Asia	China	Guangzhou	23.12911	113.264385	Bulk,TF	D
59	2012	Hou	Eastern Asia	China	Beijing	39.9042	116.407396	Wet,Bulk	D
60	2012	Gonzalez	South America	Colombia	Manizales	5.070275	-75.513817	Wet	C
61	2012	Budhavant	Southern Asia	India	Pune	18.52043	73.856744	Bulk,Dry	D
62	2011	Zheng	Eastern Asia	China	Nanning	22.817002	108.366543	Wet	D
63	2011	Zhang	Eastern Asia	China	Qingdao	36.067108	120.382609	Wet	C
64	2011	Xu	Eastern Asia	China	Hangzhou	30.274084	120.15507	Wet	C
65	2011	Raman	Southern Asia	India	Ahmedabad	23.022505	72.571362	Wet	C
66	2011	Kojima	Eastern Asia	Japan	Chiba	35.607267	140.106291	Bulk	C
67	2011	He	Southeastern Asia	Singapore	Singapore	1.352083	103.819836	Wet,Dry	C,D
68	2011	Fang	Eastern Asia	China	Guangzhou	23.12911	113.264385	Bulk	D
69	2011	Fang	Eastern Asia	China	Guangzhou	23.12911	113.264385	Bulk,TF	D
70	2011	Chen	Eastern Asia	China	Xiamen	24.479833	118.089425	Wet,Dry	C,D
71	2011	Allen	South America	Brazil	Araraquara	-21.784827	-48.178649	Dry	D
				Brazil	Sao Jose do Rio Preto	-20.811761	-49.376227	Dry	D
72	2010	Xiao	Eastern Asia	China	Suzhou	31.298974	120.585289	Wet	C
				China	Nanjing	32.060255	118.796877	Wet	C
				China	Hefei	31.820591	117.227219	Wet	C
				China	Nanchang	28.682892	115.858197	Wet	C
				China	Wuhan	30.592849	114.305539	Wet	C,D
				China	Changsha	28.228209	112.938814	Wet	C
				China	Guiyang	26.647661	106.630153	Wet	C
				China	Chongqing	29.562887	106.551611	Wet	C
				China	Chengdu	30.572815	104.066801	Wet	C
73	2010	Templer	North America	USA	Boston	42.360083	-71.05888	TF	D
74	2010	Raymond	North America	Canada	Vancouver	49.282729	-123.120738	Wet,Dry	C,D

				Canada	Victoria	48.428421	-123.365644	Wet,Dry	C,D
75	2010	Pieri	Europe	Italy	Bologna	44.494887	11.342616	Bulk	C,D
76	2010	Nduka	Africa	Nigeria	Warri	5.554399	5.793201	Wet	C
				Nigeria	Port Harcourt	4.815554	7.049844	Wet	C
				Nigeria	Awka	6.222004	7.082116	Wet	C
77	2010	Micovic	Europe	Croatia	Rijeka	45.327063	14.442176	Dust	D
78	2010	Jia	Eastern Asia	China	Guangzhou	23.12911	113.264385	Wet	C,D
79	2010	Huang	Eastern Asia	China	Guangzhou	23.12911	113.264385	Wet	C,D
80	2009	Song	North America	USA	Newark	40.735657	-74.172367	Wet	C
81	2009	Ozsoy	Western Asia	Turkey	Mersin	36.812104	34.641481	Wet	C,D
82	2009	Kimura	Eastern Asia	Japan	Tokyo	35.689488	139.691706	Bulk,TF	D
83	2009	Karthikeyan	Southeastern Asia	Singapore	Singapore	1.352083	103.819836	Wet,Dry	C,D
84	2009	Huang	Eastern Asia	China	Guangzhou	23.12911	113.264385	Wet	C
85	2008	Zhang	Eastern Asia	China	Beijing	39.9042	116.407396	Bulk	D
86	2008	Rubio	South America	Chile	Santiago	-33.44889	-70.669266	Dew	C
87	2008	Polkowska	Europe	Poland	Gdansk	54.352025	18.646638	Dew	C
				Poland	Gdynia	54.51889	18.530541	Dew	C
				Poland	Sopot	54.441581	18.560096	Dew	C
				Poland	Bytow	54.170622	17.491609	Dew	C
88	2008	Lohse	North America	USA	Phoenix	33.448377	-112.074037	Wet,Dry	D
89	2008	Huang	Eastern Asia	China	Shanghai	31.23039	121.473702	Wet	C
90	2008	Golobocanin	Europe	Serbia	Nis	43.320902	21.895759	Bulk	C,D
91	2008	Alebic Juretic	Europe	Croatia	Rijeka	45.327063	14.442176	Bulk	C,D
92	2007	Zhang	Eastern Asia	China	Jinhua	29.079175	119.64742	Wet	C,D
93	2007	Yeung	Eastern Asia	China	Hong Kong	22.318567	114.179606	Bulk	C
94	2007	Strayer	North America	USA	Tampa	27.950575	-82.457178	Wet	C,D

95	2007	Michopoulos	Europe	Greece	Athens	37.98381	23.727539	Bulk,TF	C,D
96	2007	Melidis	Europe	Greece	Xanthi	41.130036	24.88649	Wet	C
97	2007	Lindner	North America	USA	Charleston	32.776475	-79.931051	Bulk	C
98	2007	Jukyns	Europe	Lithuania	Kaunas	54.898521	23.903596	Bulk,TF	C,D
99	2007	Baez	North America	Mexico	Mexico City	19.432608	-99.133208	Wet	C
100	2007	Anatolaki	Europe	Greece	Thessaloniki	40.640063	22.944419	Wet,Dry	D
101	2007	Arsene	Europe	Romania	Iasi	47.158455	27.601442	Wet	C,D
102	2006	Zhang	Eastern Asia	China	Beijing	39.9042	116.407396	Bulk	C,D
103	2006	Suzuki	Eastern Asia	Japan	Matsumoto	36.238038	137.972034	Wet,Dry	D
104	2006	Salve	Southern Asia	India	Nagpur	21.1458	79.088155	Dry	D
105	2006	Poor	North America	USA	Tampa	27.950575	-82.457178	Wet,Dry	D
106	2006	Kunimatsu	Eastern Asia	Japan	Kusatsu	36.620778	138.596053	Bulk	C,D
				Japan	Kyoto	35.011636	135.768029	Bulk	D
				Japan	Osaka	34.693738	135.502165	Bulk	D
107	2006	Kumar	Southern Asia	India	Agra	27.17667	78.008074	Dry	D
108	2006	Baez	North America	Mexico	Mexico City	19.432608	-99.133208	Wet	C
109	2006	Aikawa	Eastern Asia	Japan	Kobe	34.691268	135.183071	Wet,Bulk,TF	C,D
110	2005	Tu	Eastern Asia	China	Nanjing	32.060255	118.796877	Wet	C
111	2005	Tang	Eastern Asia	China	Beijing	39.9042	116.407396	Wet	C
112	2005	Paramee	Southeastern Asia	Thailand	Bangkok	13.756331	100.501765	Bulk	C,D
				Thailand	Chiang Mai	18.786601	98.989966	Bulk	C,D
				Thailand	Nan	18.767229	100.782606	Bulk	C,D
113	2005	Mouli	Southern Asia	India	Tirupati	13.628756	79.419179	Wet	C,D
114	2005	Dillon	North America	USA	Sarasota	27.336435	-82.530653	Wet	C
115	2005	Asaf	Western Asia	Israel	Ashdod	31.804381	34.655314	Bulk	C
116	2005	Aikawa	Eastern Asia	Japan	Kobe	34.691268	135.183071	Wet,Dry	D

117	2004	Michopoulos	Europe	Greece	Athens	37.98381	23.727539	Bulk,TF	D
118	2004	Garban	Europe	France	Paris	48.856614	2.352222	Bulk	C,D
					Le Havre	49.49437	0.107929	Bulk	C,D
					Rouen	49.443232	1.099971	Bulk	C,D
119	2004	Aikawa	Eastern Asia	Japan	Kobe	34.691268	135.183071	Bulk	C,D
				Japan	Tatsuno	34.85786	134.545363	Bulk	C,D
120	2003	Zhang	Eastern Asia	China	Lhasa	29.652491	91.17211	Bulk	C
121	2003	Rocha	South America	Brazil	Sao Paulo	-23.55052	-46.633309	Wet	C
122	2003	Netsvetaeva	Eastern Asia	Russia	Irkutsk	52.286974	104.305018	Wet	C
123	2003	Luo	North America	USA	Old Greenwich	41.023262	-73.565205	Wet,Dry	C
				USA	Bridgeport	41.186548	-73.195177	Wet,Dry	D
				USA	Waterbury	41.558152	-73.051496	Wet,Dry	D
				USA	East Hartford	41.763422	-72.612834	Wet,Dry	D
124	2003	Kulshrestha	Southern Asia	India	Hyderabad	17.385044	78.486671	Wet	C,D
125	2003	Hontoria	Europe	Spain	Madrid	40.416775	-3.70379	Wet	C
126	2003	Fornaro	South America	Brazil	Sao Paulo	-23.55052	-46.63331	Wet	C
127	2003	Chiwa	Eastern Asia	Japan	Hiroshima	34.385203	132.455293	Wet,TF	C,D
128	2003	Chiwa	Eastern Asia	Japan	Hiroshima	34.385203	132.455293	Dry,Dew	C,D
129	2002	Takeuchi	Eastern Asia	Japan	Yokohama	35.443708	139.638026	Dew	C
130	2002	Onianwa	Africa	Nigeria	Ibadan	7.377536	3.94704	Wet	C,D
131	2002	Moschonas	Europe	Greece	Patras	38.24664	21.734574	Wet	C
132	2002	Luo	North America	USA	Bridgeport	41.186548	-73.195177	Wet,Dry	C,D
133	2002	Al Momani	Western Asia	Jordan	Al Hashemiya	32.13715	36.120088	Wet,Dry	C,D
134	2002	Ayers	Southeastern Asia	Malaysia	Klang	3.044917	101.445562	Wet,Dry	C,D
				Malaysia	Petaling Jaya	3.127887	101.594488	Wet,Dry	C,D
				Malaysia	Kuala Lumpur	3.139003	101.686855	Wet,Dry	C,D
				Malaysia	Ulu Langat	2.993643	101.7892	Wet,Dry	C,D

				Malaysia	Johor Bahru	1.492659	103.741359	Wet,Dry	C,D
135	2001	Nadim	North America	USA	Bridgeport	41.186548	-73.195177	Wet,Dry,Bulk	D
				USA	Waterbury	41.558152	-73.051496	Wet,Dry,Bulk	D
				USA	East Hartford	41.763422	-72.612834	Wet,Dry,Bulk	D
136	2001	Morselli	Europe	Italy	Bologna	44.494887	11.342616	Wet,Dry	C,D
137	2001	Kim	Eastern Asia	Korea	Seoul	37.566535	126.977969	Wet	C
138	2001	deMello	South America	Brazil	Rio de Janeiro	-22.885898	-43.115221	Wet	C,D
139	2001	Balasubramanian	Southeastern Asia	Singapore	Singapore	1.352083	103.819836	Wet	C
140	2000	Lovett	North America	USA	New York City	40.712775	-74.005973	Bulk,TF,Dust	C,D
141	2000	Lee	Eastern Asia	Korea	Seoul	37.566535	126.977969	Wet	C
142	2000	Gillett	Southeastern Asia	Indonesia	Jakarta	-6.17511	106.86504	Wet,Dry	C,D
				Indonesia	Bogor	-6.597147	106.806039	Wet,Dry	C,D
				Indonesia	Serang	-6.110366	106.163975	Wet	C,D
143	2000	Balestrini	Europe	Italy	Morbegno	46.135506	9.566074	Wet,Dry	C,D
144	1999	Zhang	Eastern Asia	China	Qingdao	36.067108	120.382609	Wet	C
145	1999	Tanner	Eastern Asia	China	Hong Kong	22.318567	114.179606	Wet,Bulk	C
146	1999	Padgett	North America	USA	Moreno Valley	33.942466	-117.229672	Wet	D
147	1999	Gulsoy	Western Asia	Turkey	Istanbul	41.008237	28.978358	Wet	C
148	1999	Ducceschi	Europe	Italy	Florence	43.76956	11.255814	Wet,Dry	C,D
149	1998	Sequeira	Eastern Asia	China	Hong Kong	22.318567	114.179606	Wet	C
150	1997	Paiva	South America	Brazil	Sao Paulo	-23.55052	-46.63331	Wet	C
151	1998	Murano	Eastern Asia	Japan	Tokyo	35.689488	139.691706	Wet	D
				Japan	Nagoya	35.181446	136.906398	Wet	D
				Japan	Osaka	34.693738	135.502165	Wet	D
152	1998	Morales	South America	Venezuela	Maracaibo	10.654451	-71.714795	Wet	C
153	1998	Minoura	Eastern Asia	Japan	Nagoya	35.181446	136.906398	Wet	C

154	1997	Kucukgul	Western Asia	Turkey	Izmir	38.423734	27.142826	Wet	D
				Turkey	Antalya	36.896891	30.713323	Wet	D
155	1997	Kaya	Western Asia	Turkey	Ankara	39.933363	32.859742	Wet,Dry	C,D
156	1997	Baez	North America	Mexico	Mexico City	19.432608	-99.133208	Wet	C,D
157	1996	Kulshrestha	Southern Asia	India	New Delhi	28.613939	77.209021	Wet,Bulk	C
158	1996	Pratt	North America	USA	Minneapolis	44.977753	-93.265011	Dry	D
159	1995	Baba	Eastern Asia	Japan	Tokyo	35.689488	139.691706	Bulk,TF	D
160	1995	Alebic Juretic	Europe	Croatia	Rijeka	45.327063	14.442176	Bulk	D
161	1993	Udisti	Europe	Italy	Florence	43.76956	11.255814	Wet	C
162	1993	Sakugawa	North America	USA	Los Angeles	34.052234	-118.243685	Wet	C,D
163	1993	Conlan	Europe	England	Manchester	53.480759	-2.24263	Bulk	C,D
164	1992	Smirnoudi	Europe	Greece	Athens	37.98381	23.727539	Wet	C
165	1992	Prakasa Rao	Southern Asia	India	Pune	18.52043	73.856744	Bulk,Dry	D
166	1992	Lee	Europe	England	Manchester	53.480759	-2.24263	Wet,Bulk	C,D
167	1991	Jonnalagadda	Africa	Zimbabwe	Harare	-17.825166	31.03351	Wet	C
168	1990	Sisterson	North America	USA	Chicago	41.878144	-87.629798	Wet	C
169	1990	Forti	South America	Brazil	Sao Paulo	-23.55052	-46.63331	Bulk	C
170	1990	Dikaikos	Europe	Greece	Athens	37.98381	23.727539	Wet	C
171	1987	Galloway	North America	USA	New York City	40.712775	-74.005973	Wet	C,D
			Eastern Asia	China	Beijing	39.9042	116.407396	Wet	C,D
			Eastern Asia	China	Guiyang	26.647661	106.630153	Wet	C,D
172	1985	Vong	North America	USA	Seattle	47.606209	-122.332071	Wet	C
173	1981	Liljestrand	North America	USA	Los Angeles	34.052234	-118.243685	Wet	C
174	1976	Sequeira	Southern Asia	India	Mumbai	19.075984	72.877656	Wet	C

Notes: Type = type of concentration or deposition measured; Measurement = type of measurement reported, concentration (C) and/or deposition (D).

WebReferences

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