

Location	Lat.	Long.	Time period	Measured O : C	Simulated O : C	Reference
Riverside, US	33.95	-117.4	14 Jul-13 Aug 2005	0.35	0.57	Docherty et al. (2011)
Mexico City, MX	19.48	-99.15	10-30 Mar 2006	0.41	0.55	Aiken et al. (2008)
Whistler, CA	50.01	-122.95	19 Apr-16 May 2006	0.83	0.57	Sun et al. (2009)
Egbert, CA	44.23	-79.78	11 May-15 Jun 2007	0.45	0.53	Liggio et al. (2010)
London, UK	51.53	-0.15	17 Oct-15 Nov 2007	0.27	0.29	Allan et al. (2010)
Manaus, BR	-2.58	-60.2	7 Feb-14 Mar 2008	0.44	0.50	Martin et al. (2010)
Po Valley, IT	44.65	11.62	30 Mar-20 Apr 2008	0.47	0.56	Saarikoski et al. (2012)
Mace Head, IE	53.3	-9.8	16 May-13 Jun 2008	0.53	0.65	Murphy et al. (2012)
Cabauw, NL	51.97	4.93	28 Apr-30 May 2008	0.54	0.53	Murphy et al. (2012)
Beijing, CN	40.0	116.0	24 Jul-20 Sep 2008	0.33	0.49	Huang et al. (2010)
West coast, CL	-20	-80	21 Oct-30 Nov 2008	0.62	0.89	Hawkins et al. (2010)
Kaiping, CN	22.32	112.53	12 Oct-18 Nov 2008	0.47	0.41	Huang et al. (2011)
Helsinki, FI	60.2	24.95	9 Jan-13 Mar 2009	0.45	0.25	Carbone et al. (2014)
Barcelona, ES	41.39	2.12	25 Feb-26 Mar 2009	0.36	0.50	Mohr et al. (2012)
Mace Head, IE	53.3	-9.8	26 Feb-26 Mar 2009	0.58	0.65	Murphy et al. (2012)
Cabauw, NL	51.97	4.93	25 Feb-25 Mar 2009	0.34	0.32	Murphy et al. (2012)
Helsinki, FI	60.2	24.95	9 Apr-8 May 2009	0.51	0.46	Timonen et al. (2013)
Pasadena, US	34.14	-118.12	22 May-12 Jun 2009	0.44	0.51	Guo et al. (2017)
Pasadena, US	34.14	-118.12	18 Jun-7 Jul 2009	0.55	0.56	Guo et al. (2017)
New York, US	40.74	-73.92	13 Jul-3 Aug 2009	0.36	0.55	Sun et al. (2011)
Pasadena, US	34.14	-118.12	10 Jul-4 Aug 2009	0.48	0.55	Guo et al. (2017)
Paris, FR	48.83	2.36	1-31 Jul 2009	0.38	0.54	Crippa et al. (2013)
Alps, AT	47.05	12.95	10-31 Jul 2009	0.38	0.58	Holzinger et al. (2010)
Shenzhen, CN	22.6	113.9	25 Oct-2 Dec 2009	0.30	0.41	He et al. (2011)
Fresno, US	36.81	-119.78	9-23 Jan 2010	0.27	0.46	Ge et al. (2012)
Cool, US	38.88	-121.0	2-28 Jun 2010	0.44	0.51	Xu et al. (2015)
Jiaying, CN	30.8	120.8	29 Jun-15 Jul 2010	0.28	0.42	Huang et al. (2013)
Guangzhou, CN	22.71	112.93	13 Nov-1 Dec 2010	0.40	0.42	Gong et al. (2012)
Beijing, CN	40.0	116.0	22 Nov-22 Dec 2010	0.32	0.20	Hu et al. (2016)
Jiaying, CN	30.8	120.8	11-23 Dec 2010	0.33	0.24	Huang et al. (2013)