

Code	Station	LON (°)	LAT (°)	ALT (m a.s.l.)	Contributor	Type	Time periods used in this study	Zoom	CH ₄	CO ₂
1	ALT	Alert, Canada	−62.52	82.45	210	NOAA/ESRL	coastal	Flask: 2006–2013	Y	Y
2	AMS	Amsterdam Island, France	77.54	−37.80	70	LSCE	marine	Flask: 2006–2013	Y	Y
3	AMY	Anmyeon-do, Republic of Korea	126.32	36.53	133	KMA	coastal	Continuous: 2006–2013	Y	Y
4	BKT	Bukit Kototabang, Indonesia	100.32	−0.20	869	BMKG, Empa, NOAA/ESRL	mountain	Flask: 2006–2013 CH ₄ continuous: 2009–2013 CO ₂ continuous: 2010–2013	Y	Y
5	BRW	Barrow, USA	−156.60	71.32	11	NOAA/ESRL	coastal	Continuous: 2006–2013	Y	Y
6	CGO	Cape Grim, Australia	144.68	−40.68	94	NOAA/ESRL	marine	Flask: 2006–2013	Y	Y
7	COI	Cape Ochi-ishi, Japan	145.50	43.16	94	NIES	coastal	Continuous: 2006–2013	Y	Y
8	CRI	Cape Rama, India	73.83	15.08	66	CSIRO	coastal	Flask: 2009–2013	Y	Y
9	DDR	Mt. Dodaira, Japan	139.18	36.00	840	Saitama	mountain	Continuous: 2006–2013	Y	Y
10	DSI	Dongsha Island, South China Sea	116.73	20.70	8	National Central Univ., NOAA/ESRL	marine	Flask: 2010–2013	Y	Y
11	GMI	Mariana Islands, Guam	144.66	13.39	5	Univ. of Guam, NOAA/ESRL	marine	Flask: 2006–2013	Y	Y
12	GSN	Gosan, Republic of Korea	126.12	33.15	144	NIER	marine	Continuous: 2006–2011	Y	Y
13	HAT	Hateruma, Japan	123.81	24.06	47	NIES	marine	Continuous: 2006–2013	Y	Y
14	HLE	Hanle, India	78.96	32.78	4517	LSCE, CSIR4PI, IIA	mountain	Flask: 2006–2013 CH ₄ continuous: 2012–2013 CO ₂ continuous: 2006–2013	Y	Y
15	JFJ	Jungfrauoch, Switzerland	7.99	46.55	3580	Empa	mountain	CH ₄ continuous: 2006–2013 CO ₂ continuous: 2010–2013	Y	Y
16	JIN	Jinsha, China	114.20	29.63	750	CMA	continental	Flask: 2006–2011	Y	Y
17	KIS	Kisai – Saitama	139.55	36.08	13	Saitama	continental	Continuous: 2006–2013	Y	Y
18	KZD	Sary Taukum, Kazakhstan	75.57	44.45	412	KSIEMC, NOAA/ESRL	continental	Flask: 2006–2009	Y	Y
19	KZM	Plateau Assy, Kazakhstan	77.87	43.25	2524	KSIEMC, NOAA/ESRL	mountain	Flask: 2006–2009	Y	Y
20	LIN	Lin'an, China	119.72	30.30	139	CMA	continental	Flask: 2006–2011	Y	Y
21	LLN	Lulin, Taiwan	120.87	23.47	2867	LAIBS, NOAA/ESRL	mountain	Flask: 2006–2013	Y	Y
22	LON	Longfengshan, China	127.60	44.73	331	CMA	continental	Flask: 2006–2011	Y	Y
23	MHD	Mace Head, Ireland	−9.90	53.33	8	NOAA/ESRL	coastal	Flask: 2006–2013	Y	Y
24	MKW	Mikawa-Ichinomiya, Japan	137.43	34.85	50	Aichi	continental	Continuous: 2006–2011	Y	Y
25	MLO	Mauna Loa, USA	−155.58	19.54	3397	NOAA/ESRL	mountain	Continuous: 2006–2013	Y	Y
26	MNM	Minamitori-shima, Japan	153.98	24.28	28	JMA	marine	Continuous: 2006–2013	Y	Y
27	NWR	Niwot Ridge, USA	−105.59	40.05	3523	NOAA/ESRL	mountain	Flask: 2006–2013	Y	Y
28	PBL	Port Blair, India	92.76	11.65	20	LSCE, CSIR4PI, ESSO/NIOT	marine	Flask: 2009–2013	Y	Y
29	PON	Pondicherry, India	79.86	12.01	30	LSCE, CSIR4PI, Pondicherry Univ.	coastal	Flask: 2006–2013 CH ₄ continuous: 2011–2013 CO ₂ continuous: 2011–2013	Y	Y
30	RYO	Ryori, Japan	141.82	39.03	280	JMA	continental	Continuous: 2006–2013	Y	Y
31	SDZ	Shangdianzi, China	117.12	40.65	293	CMA, NOAA/ESRL	continental	Flask: 2009–2013	Y	Y
32	SEY	Mahe Island, Seychelles	55.53	−4.68	7	SBS, NOAA/ESRL	marine	Flask: 2006–2013	Y	Y
33	SNG	Sinhagad, India	73.75	18.35	1600	IITM	mountain	CH ₄ flask: 2010–2013 CO ₂ flask: 2009–2013	Y	Y
34	SPO	South Pole	−24.80	−89.98	2810	NOAA/ESRL	mountain	Flask: 2006–2013	Y	Y
35	TAP	Tae-ahn Peninsula, Republic of Korea	126.13	36.73	21	KCAER, NOAA/ESRL	coastal	Flask: 2006–2013	Y	Y
36	UUM	Ulaan Uul, Mongolia	111.10	44.45	1012	MHRI, NOAA/ESRL	continental	Flask: 2006–2013	Y	Y
37	WIS	Negev Desert, Israel	30.86	34.79	482	WIS, AIES, NOAA/ESRL	continental	Flask: 2006–2013	Y	Y
38	WLG	Mt. Waliguan, China	100.90	36.28	3890	CMA, NOAA/ESRL	mountain	Flask: 2006–2013	Y	Y
39	YON	Yonagunjima, Japan	123.02	24.47	50	JMA	marine	Continuous: 2006–2013	Y	Y