

Sampling site	Longitude	Latitude	Elevation (m); Temperature (°C)	Description	Date of sample collection	
					2011	2013
Bomi	95°46.167' E	29°51.485' N	2720; 8.8	Hydrological observation station, remote area	2 May–28 Jul	5 May–25 Jul
Rawu	96°54.745' E	29°22.289' N	4540; −2	Rural site, 20 km from Rawu Lake	3 May–31 Jul	5 May–26 Jul
Lunang	94°44.246' E	29°45.908' N	3330; 5.4	Meteorological station in forest region, remote area	2 May–28 Jul	5 May–31 Jul
Qamdo	97°08.624' E	31°09.014' N	3250; 7.6	Rural site, 50 km from farmland	4 May–31 Jul	6 May–28 Jul
Chayu	97°29.4' E	28°37.2' N	1400; 12.4	Meteorological station, remote area	5 May–31 Jul	2 May–29 Jul
Nam Co	90°57.800' E	30°46.375' N	4740; −2.2	Meteorological station near Nam Co Lake, remote area	5 May–25 Jul	5 May–31 Jul
GBJD	93°14.478' E	29°53.122' N	3420; 6.2	Hydrological observation station, remote area	3 May–28 Jul	4 May–28 Jul
Lhasa	91°01.956' E	29°38.728' N	3660; 8.1	Building roof of the Lhasa campus	1 May–31 Jul	8 May–28 Jul
Lhaze	87°38.094' E	29°05.405' N	4020; 6.8	Meteorological station, rural site	2 May–31 Jul	4 May–27 Jul
Xigaze	88°53.319' E	29°15.014' N	3840; 6.6	Meteorological station, rural site	3 May–31 Jul	5 May–24 Jul
Mt. Everest	86°56.948' E	28°21.633' N	4300; 4.3	Meteorological station near the Mt. Everest, remote area	2 May–31 Jul	3 May–29 Jul
Saga	85°13.951' E	29°19.889' N	4500; 6.5	Rural site and without agriculture activities	7 May–25 Jul	6 May–28 Jul
Golmud	94°54.480' E	36°23.637' N	2830; 5.3	Observation station for frost soil, rural site	2 May–27 Jul	6 May–27 Jul
Naqu	91°58.827' E	31°25.373' N	4500; −1	Hydrological observation station, remote area	2 May–31 Jul	58 May–26 Jul
Gar	80°05.654' E	32°30.116' N	4300; 0.6	Meteorological station, remote area	6 May–31 Jul	3 May–27 Jul
Muztagata	74°50.919' E	38°16.072' N	5200; −6	Meteorological station, remote area	9 May–31 Jul	7 May–29 Jul