

Table S1. AERONET site name, longitude, and latitude.

Site Name	Longitude (°E)	Latitude (°N)
Issyk-Kul	76.98	42.62
Dushanbe	68.86	38.55
SACOL	104.14	35.95
Kanpur	80.23	26.51
Pimai	102.56	15.18
Dalanzadgad	104.42	43.58
Tomsk	85.05	56.48
Karachi	67.03	24.87
Lahore	74.33	31.54
Pune	73.81	18.54
Chiang_Mai_Met_Sta	98.97	18.77
Dongsha_Island	116.73	20.70
Hong_Kong_PolyU	114.18	22.30
Chen-Kung_Univ	120.22	23.00
Irkutsk	103.09	51.80
Yakutsk	129.37	61.66
Midway_Island	-177.38	28.21
Mauna_Loa	-155.58	19.54
Bonanza_Creek	-148.32	64.74
Trinidad_Head	-124.15	41.05
Saturn_Island	-123.13	48.78
UCSB	-119.85	34.42
Monterey	-121.86	36.59
Taihu	120.22	31.42
Beijing	116.38	39.98
Gosan_SNU	126.16	33.29
Osaka	135.59	34.65
Noto	137.14	37.33
Ussuriysk	132.16	43.70