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Supplement of

Characteristics and performance of wind profiles as observed by the radar wind profiler network of China

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Table S1. Detail information of Chinese radar wind profiler stations.

<i>ID</i>	<i>Latitude (°)</i>	<i>Longitude(°)</i>	<i>Altitude (m)</i>	<i>Type of profiler*</i>	<i>Land cover types*</i>
51463	44	88	935	LC	13
52754	37	100	3301	LC	0
52889	36	104	1517	LC	13
53588	39	114	2208	LC	10
54338	41	122	5	PB	13
54342	42	124	50	LC	13
54399	40	116	46	LC	13
54406	40	116	489	LC	12
54419	40	117	75	LC	10
54421	41	117	286	LC	10
54424	40	117	32	LC	12
54511	40	116	32	LC	13
54525	40	117	5	LC	13
54527	39	117	5	LC	13
54597	40	116	409	LC	9
54619	39	117	-3	LC	12
54727	37	118	121	LC	13
54736	37	119	11	LC	13
54752	38	121	60	LC	12
54843	37	119	22	LC	13
54857	36	120	12	PB	13
56462	29	102	2925	LC	1
57171	34	113	142	LC	12
57358	31	111	295	LC	8
57377	31	112	184	LC	13
57494	31	114	23	LC	13
57516	30	106	230	LC	13
57633	29	109	795	LC	8
57687	28	113	119	LC	9
57793	28	114	130	LC	9
57989	25	114	105	PA	2
57996	25	114	148	LC	9
58026	34	118	25	LC	12
58044	35	119	9	LC	12
58135	33	118	17	LC	13
58141	34	119	19	LC	12
58158	33	120	5	LC	12
58235	32	119	19	LC	13
58237	32	119	49	LC	9
58238	32	119	41	LC	13
58246	33	120	15	LC	13
58259	32	121	5	LC	12
58334	31	118	8	LC	9
58339	31	119	25	LC	13
58340	32	119	30	LC	9
58352	32	121	20	LC	0

58353	32	121	17	LC	13
58354	32	120	15	LC	13
58356	31	121	20	LC	13
58358	31	120	11	LC	9
58365	31	121	16	LC	13
58367	31	121	4	LC	13
58377	31	121	30	LC	13
58448	30	120	112	LC	8
58450	31	120	4	LC	9
58452	31	121	4	LC	13
58459	30	120	38	LC	13
58460	31	121	6	LC	13
58462	31	121	0	LC	12
58463	31	122	8	LC	9
58474	31	122	49	LC	0
58527	29	117	88	LC	9
58543	30	119	175	LC	0
58557	29	120	100	LC	13
58637	28	118	150	LC	13
58730	28	118	224	LC	9
58737	27	118	154	LC	2
58754	27	120	36	LC	8
58760	28	121	71	LC	0
58821	27	117	286	LC	2
58822	27	117	342	LC	8
58845	27	120	87	LC	5
58912	26	117	404	LC	12
58917	25	116	307	LC	9
58921	26	117	253	LC	8
58927	25	117	375	LC	9
58933	27	119	869	LC	8
58935	26	118	640	LC	9
58938	25	119	65	LC	13
58942	26	119	51	LC	14
58944	26	120	18	LC	13
59046	24	109	312	LC	13
59072	25	112	131	LC	9
59125	24	117	108	LC	9
59137	25	119	124	LC	13
59140	25	118	20	LC	0
59268	23	112	70	PA	9
59284	23	113	42	LC	13
59285	24	114	39	LC	9
59287	23	113	65	PA	9
59290	24	114	79	LC	9
59294	23	114	30	LC	2
59303	24	116	133	LC	9
59312	24	117	59	LC	13
59320	24	117	20	LC	14
59431	23	109	101	LC	9
59462	23	112	53	LC	9

59476	23	113	37	LC	13
59486	23	114	75	LC	13
59488	22	113	30	LC	0
59758	20	110	65	LC	9
59948	18	110	368	LC	2
59981	17	112	20	LC	0
G7190	22	112	119	LC	0
M7100	32	118	5	LC	12

** The type mark PA, PB, and LC represent tropospheric type I , tropospheric type I, and boundary layer radar wind profiler.*

** The land cover types 0-16 represent the water, Evergreen Needleleaf forest, Evergreen Broadleaf forest, Deciduous Needleleaf forest, Deciduous Broadleaf forest, Mixed forest, Closed shrublands, Open shrublands, woody savannas, Savannas, Grasslands, Permanent Croplands, Urban and built-up, Cropland/Natural vegetation mosaic, Snow and ice, Barren or sparsely vegetated, respectively.*