

Table S1 Basic information of the available peer-reviewed publications in this study

Number	Authors	Year	Sites	Longitude (°E)	Latitude (°N)	Precipitation (mm)	Air Temperature (°C)	Stand age (years)	Planting density (trees/ha)	Field capacity (%)	Measured depth (cm)	Mean soil water content (%)				
												0-1 m	1-2 m	2-3 m	3-4 m	4-5 m
1	Bao, et al	2016	Luochuan	109.75	36.20	610	9.2	5	833	20.2	1500	17.66	15.02	17.82	20.05	20.82
2	Bao, et al	2016	Luochuan	109.75	36.20	610	9.2	10	833	20.2	1500	16.46	13.67	14.49	15.98	14.93
3	Bao, et al	2016	Luochuan	109.75	36.20	610	9.2	12	833	20.2	1500	17.92	14.18	13.64	14.42	12.63
4	Bao, et al	2016	Luochuan	109.75	36.20	610	9.2	15	833	20.2	1500	19.31	17.22	18.03	18.91	17.82
5	Bao, et al	2016	Luochuan	109.75	36.20	610	9.2	17	833	20.2	1500	14.97	11.50	11.81	11.47	11.46
6	Bao, et al	2016	Luochuan	109.75	36.20	610	9.2	20	833	20.2	1500	14.39	10.31	10.93	11.90	12.30
7	Bao, et al	2016	Luochuan	109.75	36.20	610	9.2	25	416	20.2	1500	17.07	12.99	14.23	13.53	13.26
8	Bao, et al	2016	Luochuan	109.75	36.20	610	9.2	27	833	20.2	1500	14.83	10.26	12.86	12.09	11.87
9	Cao, et al	2013	Luochuan	109.42	35.93	607.9	9.2	15	817	20.2	1500	11.11	13.66	14.58	14.37	14.50
10	Cao, et al	2013	Luochuan	109.42	35.93	607.9	9.2	25	500	20.2	1500	10.60	12.30	12.25	12.02	11.83
11	Cao, et al	2012	Changwu	107.97	34.98	563.8	9.1	15	715	22.5	1500	13.58	11.61	11.74	11.85	12.23
12	Cao, et al	2012	Changwu	107.97	34.98	563.8	9.1	22	1250	22.5	1500	11.06	11.51	12.20	11.54	11.19
13	Cao, et al	2012	Changwu	107.97	34.98	563.8	9.1	28	625	22.5	1500	11.96	13.34	11.19	11.61	11.00
14	Cao, et al	2012	Xifeng	107.67	35.75	542.7	9.7	18	833	22	1500	10.61	10.17	8.59	9.33	10.14
15	Cao, et al	2012	Xifeng	107.67	35.75	542.7	9.7	26	500	22	1500	15.56	9.76	9.24	10.42	10.17
16	Cheng, et al	2014	Changwu	107.67	35.23	578	9.1	16	833	22.5	1500	15.24	14.76	18.29	13.89	12.10
17	Cheng, et al	2014	Changwu	107.67	35.23	578	9.1	17	833	22.5	1500	17.60	14.88	14.79	12.43	12.45
18	Chuai, et al	2013	Changwu	107.70	35.27	584	9.1	10	833	22.5	600	19.68	20.12	20.45	20.14	17.89
19	Fan, et al	2004a	Changwu	107.87	34.92	584	9.3	5	833	22.5	1200	17.33	17.53	14.92	17.09	18.80
20	Fan, et al	2004a	Changwu	107.87	34.92	584	9.3	10	833	22.5	1200	14.78	12.80	11.19	11.96	12.38
21	Fan, et al	2004a	Changwu	107.87	34.92	584	9.3	15	833	22.5	1200	12.47	14.88	10.73	10.97	10.96
22	Fan, et al	2004b	Changwu	107.72	35.20	584	9.3	22	833	22.5	700	14.90	14.28	11.66	11.62	11.69

23	Fan, et al	2004b	Changwu	107.72	35.20	584	9.3	34	833	22.5	700	11.96	15.14	13.14	11.03	11.59
24	Fan, et al	2013	Fengxiang	107.30	34.42	610	11.5	10	833	21.7	1000	17.11	17.71	20.30	21.91	22.98
25	Fan, et al	2013	Fengxiang	107.30	34.42	610	11.5	17	833	21.7	1000	17.24	15.53	16.77	16.75	16.30
26	Fan, et al	2013	Fengxiang	107.30	34.42	610	11.5	28	833	21.7	1000	15.81	15.29	15.87	14.12	16.73
27	He, et al	2003	Changwu	107.67	35.23	581	9.1	5	833	22.5	600	16.34	16.66	13.10	13.62	14.55
28	He, et al	2003	Changwu	107.67	35.23	581	9.1	10	833	22.5	600	16.33	15.65	12.63	12.30	13.71
29	He, et al	2003	Changwu	107.67	35.23	581	9.1	15	833	22.5	600	17.00	15.77	11.05	10.78	11.08
30	Huang, et al	2003	Luochuan	109.63	35.42	620	9.2	8	833	20.2	1000	12.95	11.72	14.08	16.89	17.21
31	Huang, et al	2003	Luochuan	109.63	35.42	620	9.2	15	833	20.2	1000	12.31	11.45	10.82	11.66	11.63
32	Huang, et al	2003	Luochuan	109.63	35.42	620	9.2	28	833	20.2	1000	12.31	11.45	10.82	11.39	11.81
33	Huang, et al	2017	Luochuan	109.30	35.92	622	9.2	8	833	20.2	1000	12.30	15.44	16.87	19.52	20.83
34	Huang, et al	2017	Luochuan	109.53	35.73	622	9.2	13	833	20.2	1000	12.13	11.51	15.55	18.58	17.50
35	Huang, et al	2017	Luochuan	109.55	35.85	622	9.2	15	833	20.2	1000	10.60	14.03	17.91	20.04	21.02
36	Huang, et al	2017	Luochuan	109.55	35.75	622	9.2	24	833	20.2	1000	11.07	16.61	17.08	17.72	16.06
37	Huang, et al	2017	Luochuan	109.53	35.85	622	9.2	28	833	20.2	1000	10.24	13.38	14.42	12.39	10.98
38	Huang, et al	2017	Luochuan	109.55	35.85	622	9.2	30	833	20.2	1000	14.32	15.64	16.67	15.21	13.69
39	Huang, et al	2018	Changwu	107.63	35.23	576.7	9.4	10	833	22.5	1000	15.89	15.93	16.45	17.92	19.65
40	Huang, et al	2018	Changwu	107.63	35.23	576.7	9.4	20	833	22.5	1000	15.91	15.66	16.26	16.00	16.68
41	Li, et al	2008a	Luochuan	109.35	35.90	610	9.1	5	833	20.2	1000	10.86	12.59	14.80	17.15	20.41
42	Li, et al	2008a	Luochuan	109.35	35.90	610	9.1	9	833	20.2	1000	15.41	13.12	11.54	14.26	15.67
43	Li, et al	2008b	Luochuan	109.42	35.93	610	9.1	15	833	20.2	1000	12.71	14.91	10.69	10.95	10.93
44	Li, et al	2005	Xi'an	108.90	34.27	604	13	15	833	20.2	600	12.35	9.75	9.16	11.08	13.54
45	Li, et al	2019a	Changwu	107.70	35.23	579	9.2	18	833	22.5	2280	20.90	19.97	13.95	12.68	13.04
46	Li, et al	2019a	Changwu	107.70	35.23	579	9.2	22	833	22.5	2320	14.96	14.53	15.73	15.72	13.83
47	Li, et al	2019b	Changwu	107.68	35.23	579	9.2	17	833	22.5	2000	15.75	17.52	14.85	13.54	13.65
48	Li, et al	2019b	Changwu	107.68	35.23	579	9.2	8	833	22.5	1000	14.43	16.05	14.74	15.18	17.55

49	Li, et al	2019b	Changwu	107.68	35.23	579	9.2	11	833	22.5	1240	13.47	13.95	17.77	18.09	20.03
50	Li, et al	2019b	Changwu	107.68	35.23	579	9.2	15	833	22.5	1840	16.66	17.51	13.86	13.67	13.68
51	Liu, et al	2018	Changwu	107.67	35.23	582	9.1	5	833	22.5	500	20.93	19.99	18.34	16.86	20.89
52	Liu, et al	2018	Changwu	107.67	35.23	582	9.1	8	833	22.5	500	20.94	19.98	18.29	20.44	20.85
53	Liu, et al	2018	Changwu	107.67	35.23	582	9.1	13	833	22.5	500	19.35	16.11	15.46	15.78	15.38
54	Liu, et al	2002	Changwu	107.83	34.87	584.1	9.1	8	833	22.5	1000	14.62	14.42	12.72	14.83	18.31
55	Liu, et al	2002	Changwu	107.83	34.87	584.1	9.1	14	833	22.5	1000	12.51	13.57	11.67	11.55	11.86
56	Liu, et al	2019	Luochuan	109.37	35.78	615	9.2	8	825	20.2	600	18.75	19.12	18.25	17.65	17.44
57	Liu, et al	2019	Luochuan	109.63	35.72	615	9.2	17	825	20.2	600	18.09	18.36	15.74	14.15	13.86
58	Liu, et al	2019	Luochuan	109.55	35.67	615	9.2	25	825	20.2	600	18.72	18.16	15.62	14.18	13.33
59	Lv, et al	2009	Linyi	101.63	35.00	508.7	13.5	12	833	20.2	600	15.16	10.12	9.60	7.57	9.30
60	Peng,	2017	Changwu	107.67	35.20	578.5	9.1	10	1000	22.5	1500	12.61	14.68	14.41	16.02	17.55
61	Peng,	2017	Changwu	107.67	35.20	578.5	9.1	15	833	22.5	1500	12.33	15.05	14.30	14.54	17.27
62	Peng,	2017	Changwu	107.67	35.20	578.5	9.1	20	833	22.5	1500	12.17	12.10	11.40	11.55	11.49
63	Peng,	2017	Changwu	107.67	35.20	578.5	9.1	27	1250	22.5	1500	13.25	15.14	17.30	16.43	13.59
64	Peng,	2017	Luochuan	109.42	35.58	607.9	9.2	3	625	20.2	1500	11.57	15.92	18.23	18.85	19.25
65	Peng,	2017	Luochuan	109.42	35.58	607.9	9.2	14	500	20.2	1500	13.93	17.39	19.45	20.46	20.10
66	Peng,	2017	Luochuan	109.42	35.58	607.9	9.2	20	750	20.2	1500	11.36	12.94	13.07	12.07	11.30
67	Peng,	2017	Luochuan	109.42	35.58	607.9	9.2	26	1142	20.2	1500	11.46	14.51	16.36	17.23	17.24
68	Peng,	2017	Luochuan	109.42	35.58	607.9	9.2	33	500	20.2	1500	11.36	13.01	14.11	16.05	17.77
69	Peng,	2017	Baishui	109.65	35.23	568.5	11.4	13	1666	23	1500	19.10	11.72	11.00	11.54	12.01
70	Peng,	2017	Baishui	109.65	35.23	568.5	11.4	19	833	23	1500	16.24	11.48	11.25	11.10	9.86
71	Peng,	2017	Baishui	109.65	35.23	568.5	11.4	23	416	23	1500	12.17	10.83	11.90	11.33	11.93
72	Ran, et al	2008	Changwu	107.88	34.80	578.5	9.3	6	715	22.5	1000	16.10	13.64	14.58	16.84	19.34
73	Ran, et al	2008	Changwu	107.88	34.80	578.5	9.3	8	500	22.5	1000	19.09	16.01	14.20	16.10	18.59
74	Ran, et al	2008	Changwu	107.88	34.80	578.5	9.3	10	1666	22.5	1000	16.45	12.10	10.71	10.92	11.30

75	Ran, et al	2008	Changwu	107.88	34.80	578.5	9.3	15	833	22.5	1000	17.01	12.06	11.65	11.91	12.16
76	Ran, et al	2008	Changwu	107.88	34.80	578.5	9.3	17	833	22.5	1000	19.96	14.93	14.97	12.84	12.40
77	Ran, et al	2008	Changwu	107.88	34.80	578.5	9.3	20	1250	22.5	1000	19.98	15.25	13.59	14.64	13.29
78	Ran, et al	2008	Changwu	107.88	34.80	578.5	9.3	26	625	22.5	900	18.80	14.02	12.38	12.35	12.86
79	Ran, et al	2008	Changwu	107.88	34.80	578.5	9.3	37	1110	22.5	1000	18.31	13.06	12.26	11.69	11.24
80	Suo, et al	2016	Changwu	107.68	35.23	581	9.2	13	833	22.5	600	16.73	14.85	13.19	12.86	12.70
81	Suo, et al	2016	Changwu	107.68	35.23	581	9.2	14	833	22.5	600	18.61	17.79	15.23	13.71	13.07
82	Suo, et al	2016	Changwu	107.68	35.23	581	9.2	15	833	22.5	600	18.25	18.89	17.48	14.86	13.02
83	Suo, et al	2016	Changwu	107.68	35.23	581	9.2	16	833	22.5	600	16.90	17.24	16.67	15.37	12.86
84	Suo, et al	2016	Changwu	107.68	35.23	581	9.2	17	833	22.5	600	17.29	18.31	17.18	15.92	14.07
85	Tian, et al	2014	Changwu	107.67	35.20	584	9.1	10	833	22.5	600	24.54	17.84	15.66	16.88	17.18
86	Wang, et al	2012	Luochuan	109.22	35.47	600	9.2	6	1250	20.2	500	14.82	16.35	18.66	20.96	21.26
87	Wang, et al	2012	Luochuan	109.22	35.47	600	9.2	14	833	20.2	500	11.26	10.58	12.22	13.64	14.30
88	Wang, et al	2012	Luochuan	109.22	35.47	600	9.2	15	416	20.2	500	18.13	17.49	17.37	17.03	15.80
89	Wang, et al	2012	Luochuan	109.22	35.47	600	9.2	16	1250	20.2	500	14.20	13.21	14.25	15.03	15.44
90	Wang, et al	2012	Luochuan	109.22	35.47	600	9.2	23	500	20.2	500	10.84	9.63	11.44	11.97	12.30
91	Wang, et al	2014	Changwu	107.67	35.23	578	9.1	12	833	22.5	2000	15.31	15.40	16.83	17.70	16.83
92	Wang, et al	2014	Changwu	107.67	35.23	578	9.1	20	833	22.5	2000	18.34	15.25	15.53	14.93	12.64
93	Wang, et al	2016	Changwu	107.70	35.25	584	9.1	9	833	22.5	600	20.12	21.68	21.23	22.03	24.01
94	Wang, et al	2016	Changwu	107.70	35.25	584	9.1	19	833	22.5	600	17.58	18.45	15.39	14.00	13.15
95	Wang, et al	2018	Changwu	107.70	35.22	584	9.1	7	833	22.5	600	17.16	15.89	16.67	18.17	18.92
96	Wang, et al	2018	Changwu	107.70	35.22	584	9.1	17	833	22.5	600	16.12	16.46	15.90	13.76	12.65
97	Wang, et al	2018	Changwu	107.70	35.22	584	9.1	8	833	22.5	600	16.29	15.15	15.34	16.50	18.90
98	Wang, et al	2018	Changwu	107.70	35.22	584	9.1	18	833	22.5	600	15.32	15.58	14.68	13.42	12.78
99	Wang, et al	2018	Changwu	107.70	35.22	584	9.1	9	833	22.5	600	18.11	16.53	16.30	17.18	18.55
100	Wang, et al	2018	Changwu	107.70	35.22	584	9.1	19	833	22.5	600	17.18	16.39	15.39	14.00	13.15

101	Wang, et al	2018	Changwu	107.70	35.22	584	9.1	10	833	22.5	600	17.47	16.14	15.73	16.97	18.17
102	Wang, et al	2018	Changwu	107.70	35.22	584	9.1	20	833	22.5	600	17.79	16.70	15.65	14.42	13.11
103	Wang, et al	2013	Fengxiang	107.40	34.57	602	11.5	6	1666	21.7	500	16.51	19.29	18.64	18.67	21.30
104	Wang, et al	2013	Luochuan	109.39	35.77	622.3	9.2	6	1250	20.2	500	16.35	20.48	22.77	23.16	24.34
105	Wang, et al	2013	Luochuan	109.53	35.85	622.3	9.2	14	500	20.2	500	15.22	14.06	12.54	12.19	12.62
106	Wang, et al	2013	Baishui	109.62	35.23	577.8	11.4	15	500	23	500	10.52	10.86	13.92	10.29	9.43
107	Wang, et al	2013	Chunhua	108.51	34.87	600.6	9.8	15	833	21.5	500	8.04	10.66	12.51	11.98	12.70
108	Wang, et al	2013	Yintai	109.06	35.13	617.7	10.1	16	1666	23	500	16.23	15.64	16.25	15.92	13.58
109	Wang, et al	2013	Fengxiang	107.40	34.55	610	11.5	18	1666	21.7	500	15.21	15.18	15.19	13.49	14.10
110	Wang, et al	2013	Luochuan	109.40	35.78	622.3	9.2	23	500	20.2	500	10.80	9.48	11.35	11.89	12.31
111	Wang, et al	2013	Yintai	109.06	35.13	617.7	10.1	27	1250	23	500	15.89	15.15	15.86	13.11	12.31
112	Wang, et al	2013	Luochuan	109.52	35.85	622.3	9.2	6	1250	20.2	500	14.62	16.21	18.44	20.90	21.17
113	Wang, et al	2013	Luochuan	109.47	35.79	622.3	9.2	16	1250	20.2	500	14.23	13.18	14.23	15.07	15.44
114	Wang, et al	2013	Yintai	109.06	35.13	617.7	10.1	6	1666	23	500	19.22	19.96	20.71	16.38	16.61
115	Wang, et al	2013	Baishui	109.62	35.23	577.8	11.4	15	833	23	500	8.90	8.36	9.21	9.18	7.96
116	Wang, et al	2013	Yintai	109.06	35.13	617.7	10.1	16	1666	23	500	14.20	15.90	15.97	16.79	15.30
117	Wang, et al	2013	Chunhua	108.53	34.85	600.6	9.8	15	833	21.5	500	14.93	15.33	15.84	15.72	15.28
118	Wang, et al	2015a	Changwu	107.67	35.25	584	9.1	7	720	22.5	600	22.46	20.85	21.58	24.29	26.36
119	Wang, et al	2015a	Changwu	107.67	35.25	584	9.1	17	720	22.5	600	17.79	19.13	17.14	14.11	13.52
120	Wang, et al	2015b	Changwu	107.68	35.37	560	9.1	5	833	22.5	1800	16.43	17.72	16.64	18.23	20.84
121	Wang, et al	2015b	Changwu	107.68	35.37	560	9.1	9	833	22.5	1800	16.94	15.95	15.01	15.75	17.32
122	Wang, et al	2015b	Changwu	107.68	35.37	560	9.1	17	833	22.5	1800	12.34	12.05	9.35	10.62	10.77
123	Wang, et al	2015b	Changwu	107.68	35.37	560	9.1	22	833	22.5	1800	13.54	15.50	14.53	11.86	11.74
124	Wang, et al	2015b	Changwu	107.68	35.37	560	9.1	26	833	22.5	1800	13.55	16.50	15.18	12.24	11.40
125	Xiang, et al	2016	Changwu	107.77	35.23	584	9.1	10	833	22.5	1000	14.17	19.40	21.83	23.78	26.22
126	Xiang, et al	2016	Changwu	107.77	35.25	584	9.1	20	833	22.5	1000	16.96	14.92	14.14	15.83	16.34

127	Xiang, et al	2016	Changwu	107.73	35.25	584	9.1	10	833	22.5	1000	12.73	17.68	17.72	19.74	21.70
128	Xiang, et al	2016	Changwu	107.73	35.23	584	9.1	20	833	22.5	1000	13.88	14.86	14.89	15.31	15.43
129	Xiang, et al	2016	Changwu	107.72	35.28	584	9.1	10	833	22.5	1000	18.31	15.07	14.44	15.84	17.85
130	Xiang, et al	2016	Changwu	107.72	35.25	584	9.1	20	833	22.5	1000	20.45	19.90	18.89	19.16	17.50
131	Xiang, et al	2016	Changwu	107.65	35.32	584	9.1	10	833	22.5	1000	17.49	15.93	15.88	18.50	21.20
132	Xiang, et al	2016	Changwu	107.65	35.25	584	9.1	20	833	22.5	1000	16.85	16.12	16.33	17.02	14.19
133	Xiang, et al	2016	Changwu	107.58	35.32	584	9.1	10	833	22.5	1000	14.85	14.18	13.90	14.13	15.64
134	Xiang, et al	2016	Changwu	107.58	35.25	584	9.1	20	833	22.5	1000	15.53	14.50	15.72	15.51	14.09
135	Xiang, et al	2016	Changwu	107.50	35.28	584	9.1	10	833	22.5	1000	16.31	15.71	14.34	14.82	16.38
136	Xiang, et al	2016	Changwu	107.50	35.25	584	9.1	20	833	22.5	1000	13.57	15.98	15.18	12.67	14.71
137	Zhang, et al	2018	Jingchuan	107.66	35.23	584	9.2	19	833	22.5	1800	17.30	15.00	17.98	20.46	21.77
138	Zhang, et al	2018	Changwu	107.70	35.21	584	9.2	20	833	22.5	1800	20.32	17.60	13.73	14.46	15.31
139	Zhang, et al	2018	Changwu	107.70	35.21	584	9.2	26	833	22.5	1800	20.41	18.53	16.35	15.02	13.81
140	Zhang, et al	2011	Changwu	107.70	35.20	584	9.1	6	715	22.5	1000	16.11	13.49	14.74	17.15	20.13
141	Zhang, et al	2011	Changwu	107.70	35.20	584	9.1	8	715	22.5	1000	19.23	15.41	14.37	16.08	19.14
142	Zhang, et al	2011	Changwu	107.70	35.20	584	9.1	10	1666	22.5	1000	16.33	11.76	10.86	10.94	11.30
143	Zhang, et al	2011	Changwu	107.70	35.20	584	9.1	15	833	22.5	1000	17.74	11.97	11.68	11.99	12.99
144	Zhang, et al	2011	Changwu	107.70	35.20	584	9.1	20	833	22.5	1000	19.91	14.41	13.65	14.60	13.22
145	Zhang, et al	2010a	Changwu	107.68	35.22	584	9.1	8	715	22.5	600	14.79	14.92	13.51	14.40	15.63
146	Zhang, et al	2010b	Changwu	107.68	35.27	584	9.1	11	1666	22.5	600	16.16	18.01	15.29	15.22	15.20
147	Zhang, et al	2018	Changwu	107.67	35.27	584	9.1	19	833	22.5	600	14.49	14.33	12.55	11.39	10.95
148	Zhao, et al	2015	Qingyang	107.48	35.50	503	8.3	18	833	22	500	15.98	11.18	9.64	10.53	11.11
149	Zhao, et al	2015	Qingyang	107.48	35.50	503	8.3	19	833	22	500	19.45	17.05	11.56	12.00	11.40
150	Zhao, et al	2015	Qingyang	107.48	35.50	503	8.3	20	833	22	500	20.34	20.00	17.48	12.22	11.41
151	Zhao, et al	2015	Qingyang	107.48	35.50	503	8.3	23	833	22	500	18.47	18.87	16.83	13.76	12.33
152	Zhao, et al	2005a	Xi'an	108.25	34.17	604	13	6	833	20.2	600	12.61	11.25	11.19	13.19	14.39

153	Zhao, et al	2005a	Xi'an	108.13	34.02	604	13	10	833	20.2	600	13.09	10.24	10.31	10.84	13.09
154	Zhao, et al	2005b	Xianyang	108.73	34.35	604	13	10	833	20.2	600	14.03	11.84	8.41	9.18	10.03
155	Zhao, et al	2005b	Xianyang	108.73	34.35	604	13	12	833	20.2	600	13.10	11.71	9.95	9.58	11.95
156	Zhao, et al	2007	Xi'an	109.03	34.40	604	13	15	833	20.2	600	12.67	9.55	8.92	11.29	13.64
157	Zhao, et al	2016	Qingyang	107.48	35.50	540	8.3	20	833	22	500	16.74	11.22	8.28	9.02	9.77
158	Zhao, et al	2016	Qingyang	107.48	35.50	540	8.3	21	833	22	500	19.57	13.26	9.18	11.19	11.50
159	Zhao, et al	2016	Qingyang	107.48	35.50	540	8.3	22	833	22	500	20.43	20.18	18.09	12.92	10.39
160	Zhao, et al	2016	Qingyang	107.48	35.50	540	8.3	23	833	22	500	19.00	18.69	12.68	11.53	10.58
161	Zhao, et al	2016	Qingyang	107.48	35.50	540	8.3	24	833	22	500	20.07	19.89	14.39	13.11	12.61
162	Zou, et a;	2011	Luochuan	109.38	35.93	610	9.2	20	833	20.2	1500	19.81	17.12	16.28	15.63	15.69

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