

Table S1. 148 occurrence records for *Pinus yunnanensis*, with the corresponding 14 environmental variables. The eight variables used in ecological niche modeling are indicated in bold.

No.	Longitude (E)	Latitude (N)	Altitude (m)	TwoStep	Environmental variables													
					bio1	bio2	bio3	bio4	bio5	bio12	bio14	bio15	wet	vap	sph	sc	gdd	frs
1	98.3	25.31667	1782	1	149	112	48	4292	231	1573	16	77	17.02000046	14.47999954	5.620999813	6.28000021	3110.600098	4.010000229
2	98.35	25.1	1635	1	158	113	48	4265	242	1562	18	78	17.37000084	14.17000008	5.785999775	5.324999809	3262.419922	4.099999905
3	98.46133	25.32508	1908	1	150	112	48	4325	233	1483	17	77	17.86000061	13.35000038	5.952000141	5.471000195	3026.189941	4.739999771
4	98.65	25.03333	1629	1	160	114	48	4361	245	1372	19	76	17.86000061	14.05000019	6.40899992	4.149000168	3384.030029	4.059999943
5	98.68333	25.16667	1627	1	160	114	48	4394	246	1351	19	74	17.93000031	13.56999969	6.422999859	4.183000088	3127.469971	4.440000057
6	98.75	25.85	2597	1	137	111	48	4342	222	1363	13	81	17.30999947	11.85999966	6.56099987	4.842000008	2199.800049	5.789999962
7	98.76667	24.95	2089	1	140	114	49	4315	225	1277	16	78	17.72999954	14.34000015	6.611999989	3.848999977	3569.5	3.759999999
8	98.78333	24.63333	1828	1	151	116	49	4221	238	1314	16	80	17.22999954	14.64999962	6.418000221	3.954999924	3931.129883	3.400000095
9	98.8	25.16667	1864	1	165	114	48	4427	251	1266	18	73	17.90999985	13.60999966	6.607999802	3.834000111	3182.300049	4.360000134
10	98.82419	25.96578	1503	1	175	110	47	4386	261	1473	19	69	17.04999924	11.35999966	6.629000187	4.915999889	2030.050049	6.170000076
11	98.83333	26.15	1705	1	168	110	47	4461	255	1479	17	72	16.65999985	10.59000015	6.563000202	5.276000023	1746.5	6.900000095
12	98.85	24.58333	2025	1	146	115	49	4227	232	1287	15	80	17.28000069	14.52000046	6.285999775	3.937000036	3941.469971	3.450000048
13	98.87247	26.20326	1316	1	185	109	47	4418	273	1563	19	66	16.54000092	10.05000019	6.606999874	5.229000092	1670.27002	7.380000114
14	99.01667	25.86667	1530	1	174	112	48	4407	262	1318	19	68	17.23999977	10.72999954	7.021999836	4.175000191	2212.669922	6.590000153
15	99.067	25.684	2199	1	142	112	48	4381	230	1213	15	77	17.5	11.48999977	7.140999794	3.884000063	2528.070068	5.929999828
16	99.08333	24.86667	1673	1	161	115	48	4392	250	1110	16	75	17.57999992	14.40999985	6.401000023	3.734999895	3754.629883	3.539999962
17	99.13807	24.47679	1926	1	150	115	49	4217	238	1212	15	81	17.15999985	14.60999966	6.085999966	3.703999996	4121.450195	3.200000048
18	99.2	26.73333	2752	1	104	109	47	4511	196	1109	8	88	15.47000027	6.840000153	6.797999859	3.895999908	1109	10.34000015
19	99.2029	24.7191	1647	1	163	116	49	4323	253	1118	16	77	17.27000046	14.51000023	6.070000172	3.663000107	3834.320068	3.319999933
20	99.25	24.61667	1818	1	152	115	49	4270	241	1138	15	80	17.09000015	14.71000004	6.038000107	3.612999916	3974.25	3.099999905
21	99.25	25.999	2926	1	111	110	48	4345	198	1167	10	86	16.70000076	10.18999958	7.352000237	3.588999987	2088.5	6.809999943
22	99.32004	26.59541	2875	1	107	109	47	4470	199	1106	8	88	15.56999969	7.380000114	6.872000217	3.727999926	1272.27002	9.619999886
23	99.35	25.81667	1779	1	170	112	48	4441	261	1144	17	69	16.76000023	11.22999954	7.388999939	3.602999926	2286.189941	5.920000076
24	99.35688	26.4795	2546	1	127	110	48	4458	218	1145	10	85	15.68999958	7.940000057	6.923999786	3.769000053	1430.599976	8.970000267
25	99.4	26.16667	2145	1	148	111	48	4407	238	1156	13	78	16.20000076	9.340000153	7.116000175	3.812999964	1843.339966	7.5
26	99.42936	25.89479	2107	1	148	111	48	4405	237	1127	14	78	16.56999969	10.80000019	7.288000107	3.703000069	2167.090088	6.190000057
27	99.55	26.7	2601	1	115	111	48	4489	209	1064	7	91	15.28999996	6.820000172	6.478000164	3.894999981	1115.900024	10.06999969
28	99.6	26	2508	1	128	111	49	4353	218	1100	11	86	16.20999908	9.899999619	7.084000111	3.915999889	2009.400024	6.760000229
29	99.67116	25.40889	2423	1	130	111	49	4265	218	1080	14	82	16.47999954	13.5	7.210000038	3.846999884	3261.219971	3.829999924

Continued Table S1

No.	Longitude (E)	Latitude (N)	Altitude (m)	TwoStep	Environmental variables													
					bio1	bio2	bio3	bio4	bio5	bio12	bio14	bio15	wet	vap	sph	sc	gdd	frs
30	99.76667	26.1	1889	1	160	112	48	4409	253	1065	14	77	15.76000023	9.199999809	6.868999958	4.131999969	1944.76001	7.300000191
31	99.85	26.3	2141	1	147	112	48	4381	240	1049	10	84	15.32999992	8.399999619	6.665999889	4.212999821	2016.699951	8.050000191
32	99.93333	25.98333	2237	1	142	111	48	4335	235	1053	12	85	15.63000011	9.399999619	6.876999855	4.152999878	2512.120117	6.960000038
33	99.95	26.86667	1864	1	165	115	48	4519	262	1012	10	79	14.85999966	5.489999771	6.217999935	3.881999969	1165.699951	11.34000015
34	99.96667	24.83333	2297	1	137	111	49	4112	225	1080	14	83	16.52000046	12.72999954	6.428999901	3.892999887	3830.639893	4.139999866
35	99.96667	25.08333	1500	1	180	114	48	4271	275	986	15	76	16.32999992	12.85999966	6.81099987	3.812000036	3813.330078	4.019999981
36	100.0333	25.7	2142	1	147	111	48	4281	242	1047	14	83	15.59000015	11.60999966	6.940999985	4.138000011	2966.300049	4.920000076
37	100.0833	25.98333	2136	1	148	112	48	4323	243	1034	12	85	15.31000042	9.640000343	6.78399992	4.244999886	2960	6.539999962
38	100.131	25.68548	2608	1	123	111	49	4235	214	1058	11	89	15.39000034	11.82999992	6.848999977	4.21999979	3203.300049	4.599999905
39	100.1668	25.25421	2357	1	135	111	48	4189	227	1049	13	86	15.67000008	13.13000011	6.953000069	3.654000044	3811.090088	3.549999952
40	100.1833	25.1667	2206	1	138	111	49	4155	229	1047	13	85	15.72999954	13.17000008	6.794000149	3.72300005	3868.620117	3.539999962
41	100.1833	26.15	2059	1	153	113	49	4341	249	1008	11	85	14.81000042	9.720000267	6.679999828	4.27699995	3266.909912	6.349999905
42	100.2	25.01667	1976	1	165	112	48	4171	259	997	15	81	15.80000019	13.28999996	6.472000122	3.903000116	3979.629883	3.480000019
43	100.3034	25.22222	1710	1	172	113	48	4215	268	972	14	80	15.38000011	13.31000042	6.734000206	3.723999977	3857.679932	3.289999962
44	99.32483	27.19582	2426	2	129	111	47	4659	226	1100	8	85	14.63000011	6.110000134	6.355000019	5.300000191	1336.98999	11.18999958
45	99.43	26.95	2893	2	106	110	47	4596	202	1043	7	90	15.13000011	5.619999886	6.468999863	4.276000023	1178.890015	11.56999969
46	99.46607	27.6	2471	2	126	114	47	4789	228	991	7	87	13.81000042	6.5	6.340000153	5.190000057	1259.150024	10.890000034
47	99.46667	27.2	2507	2	125	112	47	4638	223	1043	7	88	14.63000011	5.71999979	6.281000137	4.721000195	1329.310059	11.52999973
48	99.509	28.015	3225	2	78	140	48	5185	195	906	3	96	13.53999996	4.320000172	6.225999832	5.913000107	932.2700195	14.02000046
49	99.5764	28.02422	3320	2	78	140	48	5181	194	904	3	96	13.53999996	4.320000172	6.225999832	5.913000107	932.2700195	14.02000046
50	99.65	27.1333	2312	2	139	113	47	4587	236	1039	7	88	14.71000004	5.340000153	6.204999924	4.004000187	1277.680054	11.81000042
51	99.7167	26.7833	2720	2	114	112	48	4490	209	1023	6	94	15.06999969	6.21999979	6.18900013	3.983999968	1049.619995	10.64000034
52	99.8333	26.8667	2689	2	116	113	48	4508	213	1002	5	96	14.94999981	5.599999905	6.175000191	3.903000116	1128.069946	11.28999996
53	99.85	26.65	2610	2	126	113	48	4422	221	1025	6	94	14.98999977	6.880000114	6.302999973	4.048999786	1302	9.760000229
54	99.91667	26.43333	2371	2	135	112	48	4403	229	1035	7	91	15.03999996	7.900000095	6.53000021	4.147999763	1912.030029	8.510000229
55	99.91715	26.538	2198	2	145	113	48	4431	240	1028	8	88	14.93000031	7.460000038	6.427000046	4.092000008	1650.079956	9.010000229
56	99.95536	26.76798	2650	2	120	113	48	4447	216	1002	5	97	14.86999989	6.070000172	6.235000134	3.959000111	1169.619995	10.64000034
57	100.05	27.18	2202	2	135	115	48	4584	233	996	6	91	14.60000038	5.21999979	6.15199995	3.671000004	1250.680054	11.85999966
58	100.2	26.5	2203	2	145	114	49	4402	241	993	7	93	14.18999958	9.260000229	6.500999928	4.090000153	2356.600098	6.860000134
59	100.2167	26.36667	1975	2	157	114	48	4374	254	988	9	86	14.34000015	9.590000153	6.574999809	4.175000191	2905.98999	6.46999979

Continued Table S1

No.	Longitude (E)	Latitude (N)	Altitude (m)	TwoStep	Environmental variables													
					bio1	bio2	bio3	bio4	bio5	bio12	bio14	bio15	wet	vap	sph	sc	gdd	frs
60	100.2364	26.88652	2508	2	126	116	49	4468	225	972	3	102	14.31000042	6.21999979	6.30700016	3.823999882	1234.199951	10.39000034
61	100.2667	26.8	2395	2	134	116	49	4459	234	975	3	101	14.18000031	7.159999847	6.330999851	3.915999889	1359.51001	9.300000191
62	100.3633	25.97407	2932	2	102	112	49	4246	194	1052	8	96	14.60000038	11.02999973	6.602000237	4.46999979	3562.540039	4.809999943
63	100.4	25.96	1649	2	175	115	48	4308	275	955	12	80	14.38000011	11.09000015	6.599999905	4.453999996	3606.199951	4.670000076
64	100.4729	24.89589	2041	2	155	112	49	4091	247	1018	13	86	15.09000015	14.14999962	5.989999771	4.139999866	4083.689941	2.549999952
65	100.5	24.8	1960	2	167	113	49	4068	260	1003	14	84	15.01000023	14.35999966	5.853000164	4.160999775	4136.5	2.359999895
66	100.5	27.2	1683	2	149	119	48	4586	250	934	4	97	14.05000019	4.96999979	6.221000195	4.131999969	1314.150024	11.88000011
67	100.53	25.2	2220	2	144	112	49	4123	238	1020	13	87	14.89000034	13.60000038	6.247000217	4.144999981	3907.929932	2.880000114
68	100.5867	25.22014	1841	2	161	113	49	4136	257	978	13	85	14.81000042	13.51000023	6.15199995	4.254000187	3903.469971	2.950000048
69	100.6	26.6	2419	2	122	116	49	4381	220	993	4	102	13.19999981	10.65999985	6.238999844	4.625999928	2446.77002	5.21999979
70	100.6333	27.16667	2332	2	137	120	49	4544	238	944	3	101	13.72000027	5.659999847	6.224999905	4.402999878	1538.189941	10.97000027
71	100.7	25.16	1815	2	164	113	48	4117	260	963	13	86	14.69999981	13.57999992	5.894000053	4.421000004	3944.77002	2.920000076
72	100.7667	25.7	1952	2	161	115	48	4260	260	950	11	88	14.15999985	12.51000023	5.962999821	5.236999989	3837.850098	3.5
73	100.7833	26.13333	1922	2	162	117	49	4330	262	945	9	91	13.51000023	11.93999958	6.559000015	4.585000038	3828.02002	3.769999981
74	100.7845	27.7098	2692	2	117	127	49	4755	222	900	3	101	13.59000015	4.510000229	6.605000019	4.703000069	1233.109985	12.65999985
75	100.7962	27.2971	2524	2	124	122	49	4603	226	945	3	103	13.35999966	5.960000038	6.315999985	4.633999825	1665.449951	10.60000038
76	100.8004	25.5118	2076	2	156	114	49	4193	253	962	11	89	14.34000015	12.84000015	5.869999886	4.980000019	3841.699951	3.349999905
77	100.8333	25.4	2167	2	149	113	48	4164	245	984	11	89	14.39000034	13.06000042	5.802999973	4.827000141	3845.120117	3.230000019
78	100.8333	26.53333	2276	2	142	118	48	4401	243	974	5	99	12.77000046	11.61999989	6.263999939	4.809999943	2929.47998	4.130000114
79	100.9	25.15	1801	2	173	114	48	4136	269	929	12	86	14.47999954	13.47999954	5.664999962	4.557000016	3877	3.00999999
80	100.9	25.33333	2114	2	153	114	48	4176	250	973	11	89	14.34000015	13.15999985	5.705999851	4.763999939	3807.419922	3.180000067
81	100.9	25.7	2610	2	126	114	49	4173	221	1024	9	95	13.94999981	12.57999992	5.874000072	5.206999779	3719.050049	3.440000057
82	101.0167	26.41667	1849	2	168	120	48	4432	272	927	7	93	12.64000034	12.01000023	6.407999992	4.690000057	3217.189941	3.720000029
83	101.16667	27.33333	2695	2	112	124	49	4625	214	979	3	103	12.63000011	7.539999962	6.267000198	4.986000061	2029.22998	8.630000114
84	101.2631	25.15278	1878	2	170	115	48	4172	268	914	11	88	14.14000034	13.27999973	5.375	4.732999802	3685.23999	3.339999914
85	101.2789	26.65936	1493	2	187	122	48	4573	294	901	7	92	12.52999973	10.5	6.102000237	5.136000156	3494.280029	5.260000229
86	101.37	25.52361	2205	2	152	116	48	4200	250	949	9	93	13.81000042	12.35000038	5.636000156	4.863999844	3633.929932	4.050000191
87	101.5	29	3336	2	44	115	44	5205	154	744	6	93	13.31999969	6.03000021	6.480999947	5.360000134	941.4000244	11.72000027
88	101.509	29.00745	3129	2	44	115	44	5205	154	744	6	93	13.31999969	6.03000021	6.480999947	5.360000134	941.4000244	11.72000027
89	101.6	24.83333	1999	2	165	112	48	4098	259	953	12	88	14.22000027	13.69999981	6.124000072	4.164000034	3848.25	3.170000076

Continued Table S1

No.	Longitude (E)	Latitude (N)	Altitude (m)	TwoStep	Environmental variables													
					bio1	bio2	bio3	bio4	bio5	bio12	bio14	bio15	wet	vap	sph	sc	gdd	frs
90	101.66	25.12833	1792	2	175	115	48	4167	273	879	10	89	13.84000015	13.14999962	6.369999886	4.195000172	3645.449951	3.630000114
91	101.85	25.65	1153	2	216	126	49	4433	324	670	5	92	13.25	12.35000038	5.931000233	4.446000099	4103.600098	4.039999962
92	101.86667	27.5	2433	2	135	121	48	4678	237	1036	5	99	12.23999977	8.600000381	6.217000008	4.761000156	2374.949951	7.369999886
93	101.9122	25.19083	1750	2	176	115	48	4226	274	866	9	90	13.63000011	12.86999989	6.714000225	4.124000072	3538.780029	3.900000095
94	102.015	26.93038	2060	2	148	122	47	4778	255	1073	6	101	11.5	12.27999973	5.925000191	4.672999859	3204.48999	3.710000038
95	102.033	24.13073	1595	2	188	110	48	4055	282	984	13	83	14.56999969	15.85000038	6.103000164	3.890000105	4413.899902	1.429999948
96	102.1018	27.87644	2118	2	148	116	46	4777	252	1024	5	95	12.5	7.980000019	6.407999992	4.096000195	2505.689941	8.279999733
97	102.1589	24.25606	1805	2	176	109	48	4070	271	990	13	84	14.26000023	15.31999969	5.974999905	4.157000065	4198.109863	1.75
98	102.2114	24.20824	1343	2	203	111	48	4141	300	901	11	81	14.28999996	15.32999992	5.979000092	4.146999836	4191.839844	1.730000019
99	102.2333	24.83333	1706	2	180	111	48	4281	274	895	11	86	13.65999985	13.53999996	6.552999973	4.026000023	3558.550049	3.25
100	102.2639	24.97083	1851	2	167	109	47	4204	261	926	11	88	13.56000042	13.02000046	6.679999828	4.102000237	3487.580078	3.710000038
101	102.2939	25.30611	1846	2	164	112	47	4273	260	908	10	91	13.36999989	12.31999969	6.856999874	4.249000072	3312.070068	4.21999979
102	102.3	24.73	2441	2	132	105	47	4138	221	1073	13	89	13.68000031	13.76000023	6.410999775	4.011000156	3573.429932	3
103	102.3053	24.37861	2379	2	140	105	48	4007	228	1101	15	88	13.97999954	14.77000046	6.070000172	4.224999905	3941.48999	2.099999905
104	102.3167	24.5167	2382	2	137	105	48	4092	225	1083	14	88	13.80000019	14.39999962	6.203000069	4.149000168	3782.409912	2.380000114
105	102.4102	24.83994	1938	2	161	107	47	4204	252	969	12	88	13.56000042	13.25	6.386000156	4.09499979	3470.199951	3.410000086
106	102.42121	27.59382	2120	2	144	115	46	4833	249	1026	6	95	12.47000027	8.529999733	5.965000153	4.089000225	2375.159912	7.599999905
107	102.4828	23.8125	1401	2	198	110	49	4010	292	1004	11	84	14.57999992	15.40999985	6.046000004	3.674999952	4285.540039	1.519999981
108	102.4968	25.05	2269	2	133	106	47	4221	223	1040	12	90	13.40999985	12.56999969	6.376999855	4.277999878	3342.929932	3.970000029
109	102.5333	24.53333	2200	2	146	104	47	4148	235	1049	14	87	13.67000008	13.97000027	6.138999939	4.280000021	3648.810059	2.650000095
110	102.585	24.80694	1953	2	161	105	47	4252	251	986	12	86	13.51000023	13.11999989	6.18599987	4.138999939	3404.77002	3.440000057
111	102.62	25.86417	2156	2	141	115	47	4498	239	952	8	95	13.15999985	10.81999969	6.073999882	4.093999863	2926.409912	5.380000114
112	102.6226	24.96881	2185	2	141	104	46	4251	231	1028	13	89	13.42000008	12.64000034	6.169000149	4.289999962	3314.679932	3.890000105
113	102.6263	25.89998	2286	2	132	114	47	4487	230	982	8	96	13.15999985	10.73999977	6.03000021	4.117000103	2916.050049	5.440000057
114	102.8185	25.29437	2080	2	146	106	46	4388	239	986	12	89	13.35000038	11.89999962	5.864999771	4.604000092	3123.840088	4.429999828
115	102.8389	25.19472	1977	2	150	105	46	4380	242	993	12	88	13.35000038	12.06000042	5.860000134	4.638999939	3177.050049	4.309999943
116	102.892	24.92323	2057	2	151	103	45	4395	243	1022	13	87	13.38000011	12.53999996	5.90199995	4.455999851	3355.840088	3.910000086
117	102.892	24.99617	2071	2	146	103	45	4341	236	1026	13	88	13.34000015	12.38000011	5.875999928	4.518000126	3313.439941	4.059999943
118	102.9053	24.76194	2705	2	113	101	46	4175	200	1139	13	89	13.44999981	12.85999966	5.952000141	4.333000183	3450.98999	3.599999905
119	102.9479	25.32931	2157	2	140	106	45	4425	233	995	11	89	13.38000011	11.73999977	5.743000031	4.656000137	3146.379883	4.530000021

Continued Table S1

No.	Longitude (E)	Latitude (N)	Altitude (m)	TwoStep	Environmental variables													
					bio1	bio2	bio3	bio4	bio5	bio12	bio14	bio15	wet	vap	sph	sc	gdd	frs
120	102.95	23.88333333	2062	2	156	102	47	4105	247	1100	13	85	13.81999969	14.84000015	5.842000008	4.000999928	4010.409912	1.75
121	102.9825	24.44278	1682	2	180	107	47	4325	275	951	11	84	13.56000042	13.40999985	5.93900013	4.362999916	3771.030029	3.049999952
122	102.9975	25.1625	2029	2	147	104	45	4417	240	1002	12	88	13.35000038	12	5.731999874	4.739999771	3261.399902	4.329999924
123	103.0181	24.26404	2475	2	128	100	46	4139	216	1151	14	87	13.60000038	13.81999969	5.921000004	4.256999969	3970.330078	2.630000114
124	103.1766	24.73217	1838	2	161	105	45	4429	256	1002	13	85	13.28999996	13.18000031	5.827000141	4.611000061	3666.679932	3.279999971
125	103.2016	24.97649	1564	2	177	108	46	4532	273	961	11	84	13.28999996	12.65999985	5.668000221	4.802999973	3489.280029	3.740000001
126	103.2467	25.42306	1900	2	157	108	45	4566	253	927	11	86	13.47999954	11.75	5.43200016	4.768000126	3159.48999	4.400000095
127	103.305	24.52444	1955	2	155	105	46	4376	249	1014	13	84	13.13000011	13.93999958	5.797999859	4.339000225	3894.600098	2.599999905
128	103.45984	24.16696	1552	2	175	106	46	4382	272	944	11	82	13.34000015	14.09000015	5.919000149	4.197000027	4032.040039	2.279999971
129	103.50151	24.21653	1733	2	164	105	46	4397	260	979	12	82	13.26000023	14.14000034	5.953000069	4.30700016	4014.830078	2.25
130	103.5167	25.48333	2000	2	152	106	44	4584	247	936	11	84	13.61999989	11.81999969	5.605999947	5.146999836	3208.459961	4.219999979
131	103.8333	25.71667	1936	2	155	104	44	4698	249	933	12	84	14.13000011	11.53999996	5.602000237	5	3230.550049	4.329999924
132	103.9333	25.83333	2078	2	144	102	43	4752	237	972	11	84	14.27999973	11.56000042	5.590000153	4.776000023	3060.820068	4.239999771
133	103.9861	25.71993	2149	2	140	101	43	4719	231	1011	12	83	14.28999996	11.67000008	5.497000217	4.822999954	3070.310059	4.150000095
134	104.0964	23.42715	1418	3	173	87	42	4432	263	1082	12	78	14.85000038	14.69999981	5.78399992	4.066999912	4007.73999	1.649999976
135	104.13773	24.07135	1490	3	175	101	44	4638	270	972	13	76	13.78999996	14.22000027	5.81099987	3.880000114	4013.790039	2.230000019
136	104.35	24.06667	1495	3	171	99	43	4730	266	1009	14	76	13.97000027	14.35000038	5.730000019	3.676000118	4070.290039	2.170000076
137	104.4	24.28333	1757	3	157	99	43	4754	252	1070	16	77	13.77999973	14.5	5.758999825	3.742000103	4101.160156	2.200000048
138	104.49344	23.69962	1536	3	165	91	41	4611	258	1094	14	78	14.56999969	14.67000008	5.69299984	3.757999897	4077.310059	1.649999976
139	104.6649	23.3148	1148	3	184	85	40	4600	279	1255	12	82	14.47999954	16.32999992	5.801000118	4.565000057	4470.120117	0.779999971
140	104.8164	23.19861	1310	3	173	82	39	4596	266	1365	11	86	14.19999981	17.30999947	5.801000118	4.675000191	4743.799805	0.460000008
141	105.07669	24.0749	1270	3	175	100	41	5010	277	1101	14	78	14.14999962	15.10999966	5.829999924	3.595000029	4240.140137	1.870000005
142	105.1875	23.98139	1275	3	175	96	40	5008	276	1149	14	79	14.21000004	15.18999958	5.888999939	3.624000072	4237.350098	1.809999943
143	105.8166667	23.78333333	864	3	193	88	38	5098	295	1268	12	84	13.67000008	16.86000061	6.114999771	3.694999933	4719.379883	0.990000001
144	105.95	23.93333333	762	3	196	89	38	5169	301	1219	10	84	13.52000046	16.89999962	6.080999851	3.676000118	4856.259766	1.019999981
145	106.15	24.7	508	3	219	94	37	5635	335	1137	9	80	13.35000038	16.84000015	5.755000114	3.601000071	4555.560059	1.190000057
146	106.3	24.93333333	587	3	199	92	36	5718	315	1197	10	79	13.59000015	16.56999969	5.71600008	3.615000001	4601.790039	1.389999986
147	106.3166667	24.81666667	908	3	186	90	36	5672	298	1236	10	80	13.46000004	16.77000046	5.697999954	3.572999954	4573.870117	1.279999971
148	106.5667	24.8	1174	3	170	86	35	5632	279	1311	14	78	13.39999962	17.02000046	5.649000168	3.628000021	4601.149902	1.210000038