

Table S1 The climate indexes for each province from 1990 to 2010

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	Tmax (℃)																				
Fujian	22.71	22.97	22.38	22.70	23.09	22.47	22.82	22.64	23.56	23.21	22.90	23.30	23.49	24.18	23.69	22.97	23.46	23.67	23.36	23.74	22.98
Guangdong	25.43	25.70	24.99	25.20	25.55	24.93	25.30	25.30	26.21	26.07	25.72	25.83	26.05	26.45	26.23	25.58	26.11	26.14	25.44	26.10	25.43
Guangxi	24.51	24.35	24.26	24.14	24.17	23.76	23.77	23.90	25.05	24.78	24.19	24.28	24.63	25.31	24.88	24.39	25.05	25.17	24.17	25.35	24.78
Guizhou	19.91	19.03	19.26	19.32	19.47	18.96	18.91	19.10	20.42	19.91	19.00	19.80	20.07	20.02	19.79	19.35	20.24	20.14	19.39	20.22	20.08
Hainan	27.96	28.75	27.81	28.28	28.44	27.90	27.92	28.14	29.04	27.91	27.95	28.36	28.55	28.88	28.32	28.46	28.73	28.36	27.45	27.92	28.54
Hunan	20.78	20.29	20.99	20.26	20.59	20.91	20.51	20.54	21.88	21.20	20.43	21.11	21.23	21.35	21.85	20.92	21.73	21.94	21.46	21.65	21.34
Jiangxi	22.06	22.00	22.13	21.75	22.13	21.98	22.03	21.88	23.04	22.52	21.82	22.36	22.62	23.26	23.40	22.28	22.80	23.35	22.78	23.22	22.64
Sichuan	14.22	14.09	13.59	13.99	14.71	14.07	14.08	13.99	15.06	14.96	14.23	14.81	15.01	14.95	14.46	14.69	15.71	15.29	14.70	15.44	15.24
Yunnan	20.82	21.00	20.42	20.86	21.51	20.97	20.98	20.79	21.82	21.72	20.83	21.29	21.37	21.60	21.15	21.70	22.05	21.32	21.10	22.36	22.32
Zhejiang	20.76	20.62	20.43	20.51	21.25	20.57	20.68	20.88	21.76	21.03	20.85	21.15	21.56	22.07	22.06	21.19	21.97	22.30	21.55	21.70	21.20
Chongqing	19.87	18.86	19.05	18.76	19.55	19.09	18.54	19.47	20.28	19.64	19.22	20.01	20.03	19.82	19.88	19.55	20.93	20.39	19.91	20.29	20.08
	Tmin (℃)																				
Fujian	14.75	14.70	13.98	14.20	14.75	13.86	13.84	14.57	15.49	14.69	14.85	14.72	15.17	14.59	14.21	14.79	15.11	15.08	14.58	14.86	14.83
Guangdong	17.90	17.94	17.10	17.37	17.93	17.35	17.25	17.84	18.57	17.97	17.94	17.95	18.39	18.03	17.53	18.08	18.32	18.20	17.55	18.00	17.92
Guangxi	16.84	16.75	16.08	16.11	16.69	16.35	15.86	16.70	17.15	16.79	16.42	16.63	17.04	17.05	16.51	16.86	17.11	16.97	16.37	17.23	17.04
Guizhou	11.80	11.73	11.17	11.23	11.93	11.54	11.17	11.61	12.22	12.03	11.42	11.81	11.86	12.09	11.65	11.91	12.19	12.17	11.70	12.29	11.93
Hainan	20.95	21.14	20.53	20.65	21.17	20.72	20.77	21.15	21.96	21.04	21.11	21.38	21.49	21.27	20.79	21.35	21.70	21.41	20.92	21.05	21.46
Hunan	13.27	12.99	12.77	12.56	13.34	13.12	12.66	13.24	13.83	13.44	13.10	13.35	13.56	13.24	13.50	13.54	13.98	14.01	13.51	13.83	13.55
Jiangxi	14.31	14.04	13.55	13.54	14.29	13.77	13.56	14.21	14.97	14.33	14.23	14.28	14.67	14.25	14.19	14.49	14.75	14.89	14.35	14.63	14.49
Sichuan	3.05	3.30	2.49	3.03	3.36	3.31	3.05	2.87	3.86	3.75	2.99	3.45	3.32	3.70	3.31	3.76	3.91	3.79	3.43	4.07	3.77
Yunnan	10.12	10.53	9.68	10.12	10.46	10.57	10.41	10.09	10.97	10.96	10.41	10.77	10.60	10.89	10.43	11.05	10.86	10.56	10.64	10.96	11.24
Zhejiang	12.98	12.59	12.10	12.20	13.09	11.97	12.08	12.79	13.69	12.74	13.04	13.03	13.36	12.89	12.93	12.93	13.66	13.76	13.09	13.24	12.89

Chongqing	12.36	12.08	11.55	11.59	12.40	12.08	11.64	12.05	12.63	12.36	12.01	12.43	12.31	12.70	12.33	12.49	13.04	12.87	12.38	12.81	12.36
	Prec (mm)																				
Fujian	1838.85	1211.86	1979.75	1564.28	1741.67	1535.71	1519.70	2034.54	1904.96	1637.17	1834.04	1723.05	1737.57	1112.18	1350.52	1841.01	2058.70	1494.24	1528.24	1411.17	2015.80
Guangdong	1688.98	1306.49	1979.90	1993.56	2006.21	1784.37	1643.63	2211.23	1801.75	1520.71	1736.15	2180.90	1851.40	1362.80	1318.54	1732.26	2056.54	1523.45	2059.53	1554.30	1862.96
Guangxi	1634.91	1341.62	1389.78	1792.50	2073.81	1560.41	1595.16	1850.52	1681.69	1600.56	1415.70	1786.62	1886.23	1357.36	1385.19	1436.07	1520.30	1355.52	1855.49	1345.25	1620.30
Guizhou	1120.91	1224.53	1098.39	1274.77	1267.98	1184.40	1243.09	1296.04	1181.45	1258.16	1302.10	1114.01	1260.91	1037.45	1146.84	1012.52	1086.43	1197.31	1282.50	956.40	1136.11
Hainan	2097.35	1364.69	1692.64	1852.64	2027.61	1838.47	1962.73	2156.38	1610.50	2147.98	2397.13	2256.67	1841.16	1513.40	1305.34	1819.53	1592.72	1771.16	2208.53	2392.52	2302.99
Hunan	1558.52	1427.75	1405.09	1619.77	1717.78	1515.82	1492.50	1613.28	1597.42	1644.92	1455.02	1352.02	1975.30	1253.37	1460.38	1347.57	1466.71	1274.36	1384.90	1238.16	1659.59
Jiangxi	1657.76	1416.32	1778.71	1785.29	1931.44	1843.43	1552.89	2003.40	2066.15	1934.86	1681.73	1617.15	2079.69	1321.86	1435.90	1716.75	1732.85	1284.66	1527.81	1394.23	2147.45
Sichuan	1058.81	928.23	889.98	971.55	867.44	928.98	881.09	831.65	1057.03	1002.34	960.89	953.14	874.74	938.15	952.27	984.45	789.59	891.40	957.63	885.74	945.19
Yunnan	1258.80	1261.31	1007.35	1107.06	1189.53	1210.87	1154.48	1224.63	1126.26	1311.66	1211.30	1327.98	1211.51	985.12	1143.50	1102.89	1059.81	1191.43	1224.29	932.38	1089.60
Zhejiang	1728.55	1338.93	1755.82	1714.14	1578.35	1688.98	1432.39	1676.58	1746.25	1789.71	1559.06	1515.07	1821.70	1133.63	1289.15	1515.16	1448.38	1433.16	1386.60	1505.96	1951.46
Chongqing	1098.55	1232.39	1074.18	1336.89	1079.06	1186.04	1267.21	1007.80	1455.27	1300.20	1259.14	941.16	1273.26	1253.49	1301.36	1202.68	925.48	1315.40	1223.05	1093.60	1198.50
	Pred (d)																				
Fujian	171	148	164	165	171	155	147	182	166	157	168	167	162	121	136	158	159	149	141	138	173
Guangdong	155	136	153	164	167	155	144	172	156	146	149	154	153	120	124	146	146	132	148	133	154
Guangxi	170	156	152	174	179	163	155	178	156	154	160	172	171	134	140	157	145	138	150	134	149
Guizhou	171	188	169	177	182	180	173	192	163	168	189	168	170	158	162	167	166	162	168	154	163
Hainan	160	132	145	144	152	152	143	160	147	161	161	155	146	130	118	139	136	137	159	152	149
Hunan	168	172	154	176	187	157	160	184	157	160	175	159	179	147	144	156	153	146	149	146	164
Jiangxi	172	160	156	171	175	151	150	184	159	158	173	157	170	131	134	155	153	142	142	141	168
Sichuan	162	168	164	167	156	170	160	159	161	160	162	157	150	156	170	168	147	147	160	151	155
Yunnan	171	163	151	157	156	157	147	156	146	151	164	155	153	138	153	149	136	151	156	125	145
Zhejiang	178	165	155	167	159	148	151	172	163	161	172	167	171	131	136	156	155	148	141	150	173
Chongqing	151	167	149	168	164	170	156	159	147	153	164	145	158	156	155	159	137	151	150	149	150