

Table S1. Mean values of maximum summer temperature (°C) and number of summer days with 100-hour fuels below the third percentile for the ensemble general circulation model (GCM), MIROC-ESM-CHEM (MIR), and HadGEM2-ES365 (Had) by region and land use, with land use area (square kilometers for 2000, 2030, and 2060), for different climate years.

Land use	Area 00	GCM	Had	MIR	GCM	Had	MIR	Area 30	GCM	Had	MIR	GCM	Had	MIR	Area 60	GCM	Had	MIR	GCM	Had	MIR
East		1971-2000							2010-2039							2040-2069					
Exurban low	165178	28.4	28.5	28.4	1.9	3.1	1.8	196118	30.4	31.5	30.5	4.3	11.0	2.7	195433	32.4	35.4	33.0	7.0	27.4	5.5
Exurban high	74552	28.2	28.3	28.1	2.2	3.0	2.1	96394	30.0	30.9	30.1	4.3	9.3	3.0	103032	32.1	34.6	32.7	6.8	24.0	5.2
Suburban	22799	28.2	28.4	28.2	2.3	3.2	2.2	32403	30.0	30.9	30.2	4.3	9.1	3.3	38140	32.1	34.5	32.8	6.7	22.9	5.5
Urban low	18298	28.1	28.2	28.0	2.8	3.7	2.7	26491	29.9	30.8	30.2	5.0	9.7	4.6	34153	32.0	34.3	32.8	7.6	23.2	6.9
Urban high	1234	28.0	28.2	28.0	2.4	3.0	2.5	2687	29.8	30.3	30.1	4.3	6.6	4.2	4746	31.8	33.4	32.6	6.0	15.0	6.2
Northeast																					
Exurban low	44364	25.3	25.5	25.2	1.8	1.7	1.7	60617	26.9	27.4	27.0	3.2	3.4	2.1	67915	28.9	30.1	29.5	4.6	10.9	1.9
Exurban high	11340	25.3	25.5	25.2	1.8	1.8	1.7	16982	27.0	27.5	27.1	3.2	3.4	2.2	19693	29.0	30.3	29.7	4.6	10.5	2.0
Suburban	2104	25.4	25.6	25.3	1.9	1.9	1.7	3439	27.1	27.7	27.2	3.3	3.7	2.4	4312	29.2	30.4	29.8	4.7	11.1	2.1
Urban low	983	25.5	25.6	25.4	2.2	2.1	2.1	1423	27.2	27.8	27.3	3.7	4.1	2.9	1859	29.3	30.6	29.9	5.1	11.8	2.4
Urban high	27	25.7	25.9	25.6	2.1	2.0	1.9	50	27.4	27.9	27.4	3.6	3.5	2.4	70	29.5	30.8	30.1	5.3	12.1	2.2
Plains																					
Exurban low	3370	29.6	29.5	29.7	5.9	6.3	6.5	16162	34.3	35.1	34.4	5.3	7.0	4.0	27427	36.2	37.4	37.0	7.5	14.2	8.0
Exurban high	3999	31.3	31.2	31.3	4.9	5.5	5.4	9468	34.2	35.0	34.3	5.4	7.0	4.0	13404	36.1	37.4	36.9	7.8	14.6	8.0
Suburban	2211	32.1	32.0	32.1	4.4	5.1	4.7	3809	34.4	35.1	34.5	5.4	7.1	3.8	5353	36.4	37.6	37.2	7.6	14.4	7.5
Urban low	3133	31.9	31.8	31.9	4.7	5.4	4.9	4711	33.8	34.5	33.9	6.4	8.0	4.2	7107	35.9	37.3	36.8	8.6	16.1	7.9
Urban high	102	31.8	31.7	31.8	4.9	5.5	5.8	228	33.2	33.9	33.3	7.1	9.0	3.6	451	35.4	36.9	36.1	9.5	17.8	6.7
Prairie																					
Exurban low	8623	30.3	30.2	30.3	4.0	5.1	4.4	38696	34.6	35.5	34.7	6.5	10.0	5.7	44820	36.4	38.4	37.6	9.3	23.4	11.3
Exurban high	11537	31.5	31.4	31.5	4.0	5.1	4.2	22742	34.1	34.9	34.3	6.6	9.6	6.3	27612	35.9	37.8	37.1	9.5	22.4	11.9

Suburban	5451	32.1	32.0	32.0	3.8	4.9	4.2	8374	34.0	34.9	34.2	6.3	9.4	5.9	11287	35.8	37.7	37.0	9.0	21.3	10.9
Urban low	7169	32.3	32.2	32.3	3.7	4.8	3.0	10608	34.0	34.8	34.1	6.2	9.3	5.9	15606	35.8	37.7	37.0	8.9	21.1	10.9
Urban high	316	33.4	33.3	33.4	3.4	4.6	4.5	633	34.9	35.8	35.0	5.8	8.9	5.0	1307	36.8	38.6	37.7	8.1	19.9	9.3
Intermountain																					
Exurban low	8568	27.1	27.0	27.1	9.5	9.5	9.6	15054	29.1	29.7	29.4	12.9	12.9	10.0	20862	31.3	32.8	32.4	18.6	26.4	20.4
Exurban high	5197	28.2	28.1	28.1	9.6	9.6	9.8	8446	29.8	30.4	30.2	13.0	13.2	10.9	11258	32.0	33.5	33.2	18.7	26.7	21.3
Suburban	1693	28.7	28.6	28.6	9.7	9.6	10.0	2794	30.2	30.7	30.6	13.1	13.3	11.2	3905	32.1	33.5	33.3	18.6	26.3	21.4
Urban low	1589	29.4	29.3	29.3	10.0	9.9	9.3	2771	31.2	31.7	31.7	13.7	13.6	12.3	4259	32.9	34.4	34.2	19.3	27.4	22.7
Urban high	37	29.1	29.0	29.0	9.8	9.7	9.9	123	31.0	31.6	31.5	13.6	13.7	12.1	243	32.9	34.3	34.2	19.1	26.5	23.2
Southeast																					
Exurban low	109645	31.9	31.8	31.9	1.2	2.3	1.8	158877	33.8	34.7	34.1	3.6	10.9	4.2	170816	35.7	38.5	36.9	6.8	31.3	14.0
Exurban high	55260	31.9	31.9	31.9	1.3	2.3	1.7	84277	33.5	34.3	33.8	3.1	8.6	3.3	99225	35.4	38.1	36.4	5.8	26.3	11.4
Suburban	19007	31.9	31.9	31.9	1.3	2.1	1.6	33450	33.4	34.1	33.6	2.7	6.6	2.7	43585	35.2	37.6	36.1	5.0	21.4	9.2
Urban low	10939	31.9	31.9	31.9	1.2	1.9	1.4	21191	33.3	34.0	33.6	2.4	5.6	2.5	30971	35.0	37.1	36.0	4.4	17.9	8.1
Urban high	496	31.2	31.3	31.2	1.2	1.8	1.9	1464	32.8	33.3	33.0	2.0	3.4	1.8	3011	34.3	35.8	35.2	3.1	10.8	4.6
Southwest																					
Exurban low	4580	33.2	33.1	33.1	7.7	7.4	7.3	8584	34.4	35.2	35.1	9.8	12.9	13.3	14558	35.5	36.3	37.0	12.6	16.6	20.2
Exurban high	5490	35.6	35.5	35.4	7.6	7.3	7.1	7498	36.6	37.2	37.1	9.4	11.4	12.6	9193	37.9	38.6	39.0	11.9	14.7	18.3
Suburban	2354	36.6	36.5	36.4	7.5	7.2	6.9	3982	37.5	38.1	38.0	9.3	10.9	12.3	5407	39.0	39.7	39.9	11.3	13.5	16.8
Urban low	2577	37.7	37.6	37.5	7.5	7.1	8.0	4518	39.1	39.7	39.6	9.6	11.2	12.8	7718	40.2	40.8	40.9	11.2	13.1	16.2
Urban high	120	38.3	38.1	38.1	7.8	7.4	7.5	353	40.1	40.6	40.6	11.0	13.0	15.1	742	41.9	42.4	42.8	13.8	16.6	23.4
West																					
Exurban low	17869	27.4	27.2	27.3	7.6	7.7	6.5	21135	29.2	29.6	29.5	10.4	9.9	8.0	22880	30.9	31.5	31.7	13.6	15.8	12.6
Exurban high	11772	28.0	27.8	27.9	6.5	6.7	5.5	14776	29.5	29.9	29.9	9.6	9.8	7.4	16242	31.3	32.0	32.1	12.8	16.2	11.8
Suburban	5029	27.8	27.6	27.7	5.7	5.9	4.7	6329	29.7	30.0	30.0	8.4	8.8	6.5	7485	31.3	32.0	32.1	11.4	15.3	10.7

Urban low	7842	28.3	28.1	28.1	4.8	5.2	3.0	11031	30.1	30.4	30.4	6.8	7.2	5.5	14377	32.1	32.7	32.7	9.5	13.2	9.4
Urban high	605	26.7	26.5	26.5	2.8	3.4	4.8	1583	28.4	28.7	28.8	3.9	4.4	3.0	3354	30.3	30.8	30.8	4.7	7.0	4.8
