

Supplemental Table 1 the linear correlation coefficients between AT vs MDPM, MCPM, or DI

Month	Linear correlation coefficient		
	MDPM vs AT	MCPM vs AT	DI vs AT
March	-0.24	-0.42	-0.54
April	-0.41	-0.49	-0.15
May	-0.48	-0.22	0.07
June	-0.35	-0.16	0.02

Note: AT: Monthly average ambient temperature; MDPM: monthly new deaths per million population; MCPM: monthly new cases per million population; DI: the total number of days with more cases than previous days.

Supplemental Figure legends

Supplemental Figure 1: Monthly risk levels in provincial regions of Argentina

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Supplemental Figure 1 Monthly risk levels in provincial regions of Argentina

Province	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Buenos Aires	23.2	22.4	20.4	16.8	13.6	10.5	10.2	11.2	13.0	15.8	18.7	21.7
Ciudad de Buenos Aires	24.4	23.4	21.4	18.0	14.7	11.6	11.3	12.4	14.4	17.1	20.0	22.9
Chaco	27.2	26.4	24.8	21.3	18.5	15.7	15.9	16.8	18.7	21.5	24.0	26.2
Cordoba	24.2	23.5	21.3	18.3	15.4	11.9	11.7	13.6	15.8	19.1	21.5	23.4
Rio Negro	21.7	20.7	17.9	14.2	10.0	7.0	6.9	8.3	10.8	14.0	17.7	20.2
La Rioja	26.2	24.7	22.4	18.7	14.5	10.3	10.3	13.0	16.2	20.9	23.9	25.9
Santa Fe	25.8	24.9	22.7	19.1	16.2	12.7	12.5	13.8	15.9	19.1	22.0	24.5
Mendoza	24.3	23.1	20.2	16.5	12.4	8.8	8.4	10.8	13.3	17.6	20.9	23.5
Tucuman	24.3	23.4	21.5	18.6	15.6	12.0	12.0	14.0	16.9	20.3	22.5	24.3
Corrientes	27.2	26.4	24.8	21.3	18.5	15.7	15.9	16.8	18.7	21.5	24.0	26.2
Neuquen	22.8	21.8	18.5	13.8	9.8	6.8	6.3	8.7	11.4	15.3	19.0	21.9
Terra del Guego	8.1	7.9	6.6	4.5	1.9	0.2	-0.2	0.8	2.7	4.8	6.3	7.5
Entre Rios	25.4	24.5	22.4	18.8	15.8	12.5	12.4	13.5	15.5	18.7	21.4	24.0
Misiones	26.3	26.1	24.6	21.0	18.3	16.5	16.2	17.6	19.0	21.4	23.5	25.6
San Juan	26.0	24.5	21.5	16.6	11.9	8.2	8.0	10.6	14.2	18.6	22.3	25.4
Santiago del Estero	27.2	26.3	24.2	20.7	17.5	13.6	13.5	15.7	18.7	22.6	25.1	26.9
Salta	21.7	20.6	19.4	16.8	13.8	11.1	11.0	12.8	15.8	18.7	20.7	21.7
Chubut	21.4	20.5	17.9	14.2	10.2	6.8	6.7	8.5	11.1	14.1	17.5	19.8
Santa Cruz	13.4	13.2	11.3	7.9	4.2	1.6	1.2	3.3	6.1	8.6	10.9	12.6
San Luis	24.9	23.8	21.0	17.6	14.1	10.7	10.4	12.4	15.0	18.8	21.8	24.0
La Pampa	26.8	26.2	24.4	21.2	18.5	15.6	15.9	17.0	18.4	21.2	23.6	25.7
Jujuy	23.3	22.2	20.5	18.0	14.9	11.9	11.9	14.2	17.3	21.0	22.2	23.3
Catamarca	26.9	25.2	23.2	19.2	15.2	11.1	11.1	13.9	18.0	21.8	24.4	26.5
Formosa	27.8	27.4	26.0	22.6	20.0	17.4	17.5	18.2	20.2	22.9	24.8	27.0

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 2 Monthly risk levels in Brazil states

Province	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Acre	25.3	25.2	25.4	25.2	24.4	23.3	23.2	24.2	25.2	25.7	25.6	25.4
Alagoas	25.9	26.05	25.9	25.4	24.85	23.85	23.1	23.05	23.75	24.65	25.55	25.8
Amapá	25.9	25.7	25.7	26	26.2	26.2	26.1	26.8	27.5	28	27.8	27.1
Amazonas	26.1	25.9	26	26.2	26.2	26.4	26.5	27.3	27.7	27.7	27.2	26.6
Bahia	26.4	26.5	26.6	26.2	25.2	24.3	23.7	23.6	24.3	25.1	25.5	25.9
Ceará	27.1	26.9	26.4	26.2	26.2	25.8	25.6	26	26.4	26.9	27.2	27.3
Distrito Federal	21.2	21.3	21.5	20.9	19.6	18.5	18.3	20.3	21.7	21.6	21.1	21
Espírito Santo	26.2	26.7	26.5	25.1	23.3	22.3	21.6	22.2	22.8	23.5	24.4	25.5
Goias	23.8	23.8	24	23.6	22.2	20.9	20.9	23	24.5	24.6	24.1	23.5
Maranhão	26.1	25.7	25.6	25.8	25.9	25.9	25.6	25.9	26.3	26.6	26.9	26.7
Mato Grosso	26.7	26.5	26.5	26	24.4	23	22.8	25	26.6	27.4	27.2	26.9
Mato Grosso do Sul	24.6	24.5	24.2	22.6	20.8	19.4	20.3	21.4	22.5	24.2	24.2	24.3
Minas Gerais	22.8	23	22.9	21.7	19.6	18.5	18	19.7	21.1	21.7	22.2	22.2
Pará	25.6	25.4	25.5	25.6	25.8	26	25.7	26	26	26.4	26.5	26.2
Paraíba	27.1	27.2	27	26.7	26	25.2	24.2	24.3	25.1	26.3	26.7	26.9
Paraná	20.4	20.6	19.6	17.2	14.5	13.1	12.9	14.1	15	16.5	18.2	19.3
Pernambuco	26.5	26.5	26.4	25.9	25.2	24.5	23.9	23.9	24.6	25.5	26.1	26.4
Piauí	26.7	26.1	26.1	26.2	26.4	26.1	26.2	26.8	28.8	29.3	28.8	28.1
Rio de Janeiro	26.3	26.6	26	24.4	22.8	21.8	21.3	21.8	22.2	22.9	24	25.3
Rio Grande do Norte	27	27.2	27	26.6	26	24.9	24.3	24.3	25.1	26	26.4	26.7
Rio Grande do Sul	24.6	24.6	23.1	19.9	16.9	14.3	14.4	15.2	16.8	19.1	21.2	23.3
Rondônia	25.5	25.5	25.6	25.7	25.3	24.7	24.6	25.9	26.2	26.1	26	25.5
Roraima	27.5	28	28.4	28	26.9	25.9	25.8	26.6	27.7	28.2	28	27.6
Santa Catarina	21.2	21.6	21.1	18.8	16.7	15.6	15.1	16.4	17.6	18.5	19.5	20.6
São Paulo	24.2	24.6	23.6	21.1	18.9	16.7	16.5	16.9	17.9	19.6	21.3	23
Sergipe	27	27.1	27.1	26.7	26	25.1	24.4	24.4	25	25.9	26.3	26.6
Tocantins	25	25.1	25.5	25.5	24.5	23.1	22.9	24.4	26.5	26.4	25.6	25.3

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 3 Monthly risk levels in states and regions of Canada

Province	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Alberta	-13.6	-10.5	-4.7	4.2	10.9	14.7	16.5	15.4	10.3	5.0	-5.5	-11.9
British Columbia	4.0	5.6	6.6	8.6	11.7	14.2	16.1	16.3	14.1	10.1	6.6	4.6
Manitoba	-18.7	-15.1	-6.9	4.0	11.7	16.7	19.7	18.3	12.4	5.6	-4.9	-14.6
New Brunswick	-9.7	-8.6	-2.7	3.9	10.7	16.0	19.0	18.2	13.0	7.4	1.2	-6.6
Newfoundland and Labrador	-4.2	-5.0	-2.3	1.5	6.0	11.1	15.6	15.4	11.7	7.3	3.2	-1.6
Nova Scotia	-4.7	-4.7	-0.9	3.8	8.8	13.8	17.4	17.8	14.5	9.3	4.3	-1.7
Northwest Territories	-28.0	-24.7	-18.7	-6.3	4.9	13.0	16.2	14.0	6.7	-1.5	-14.8	-24.1
Nunavut	-27.2	-28.3	-25.0	-16.1	-5.5	2.4	6.8	5.9	1.2	-5.8	-13.6	-23.2
Ontario	-6.2	-5.5	-0.1	6.6	13.1	18.4	21.3	20.4	16.2	9.9	3.9	-2.8
Prince Edward Island	-7.5	-7.5	-3.1	2.7	9.0	14.7	18.7	18.3	13.9	8.5	3.0	-3.8
Québec	-12.2	-9.7	-4.0	3.6	11.4	16.5	19.5	18.3	12.8	6.6	-0.1	-8.7
Saskatchewan	-16.4	-13.0	-6.1	4.1	11.5	16.4	19.0	18.0	11.4	4.7	-5.3	-13.7
Yukon	-18.9	-13.4	-7.2	0.5	6.7	11.7	14.1	12.4	7.5	0.6	-10.3	-16.3

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk.

Green: low risk.

Supplemental Figure 4 Monthly risk levels in provincial regions of China

Province	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Anhui	3.1	3.6	11.7	16.8	21.4	25.4	28.7	28.6	23.9	17.1	12.2	6.5
Beijing	-1.2	-0.3	9.5	14.3	21.4	26.5	28.0	25.7	23.1	13.1	5.7	-0.6
Chongqing	8.9	11.6	15.0	22.5	21.6	25.5	28.5	31.0	25.4	19.1	14.9	11.3
Fujian	13.2	13.1	15.8	20.8	22.6	26.5	29.8	29.9	28.1	22.9	19.6	15.3
Gansu	-2.1	0.7	6.3	15.7	16.6	20.2	22.3	21.6	17.6	11.2	3.5	-2.0
Guangdong	16.1	18.6	20.0	23.8	25.4	28.7	29.6	29.4	28.0	24.5	21.1	17.3
Guangxi	12.8	14.7	18.4	24.6	25.3	28.7	29.0	29.4	28.2	23.8	20.6	16.7
Guizhou	4.9	5.8	12.0	18.5	18.3	22.6	23.5	25.1	21.5	15.8	11.6	8.0
Hainan	19.9	24.4	25.2	29.1	28.8	30.8	30.4	29.1	27.9	26.4	24.1	21.2
Hebei	-0.3	1.2	11.6	15.2	23.1	27.5	28.5	26.6	23.7	15.8	7.9	1.9
Heilongjiang	-12.8	-9.0	0.1	8.4	15.6	20.0	24.0	21.1	17.2	7.1	-5.0	-15.7
Henan	2.0	2.9	12.6	16.2	23.5	28.2	29.8	27.3	23.0	16.0	11.1	5.7
Hong Kong	18.7	20.8	21.5	24.4	25.8	28.5	29.2	29.0	28.7	27.4	23.9	20.1
hubei	4.1	4.3	12.9	18.2	21.4	26.4	29.5	30.9	25.8	18.1	13.5	7.5
Hunan	4.6	4.8	13.0	18.1	21.2	25.7	28.4	30.3	26.2	18.4	14.9	8.9
Inner Mongolia	-8.9	-7.0	2.3	11.1	15.1	21.3	21.5	20.0	17.2	7.3	0.4	-9.2
Jiangsu	4.4	4.6	12.1	17.1	21.9	25.5	28.7	29.0	24.7	18.2	13.9	7.8
Jiangxi	6.6	6.2	13.7	19.6	23.5	27.0	29.2	32.0	27.9	20.9	16.4	10.4
Jilin	-9.9	-7.4	1.8	9.0	17.3	20.1	25.1	22.0	18.1	7.8	-3.2	-11.3
Liaoning	-7.3	-5.7	4.1	10.3	18.8	21.5	26.0	23.8	19.4	9.3	0.1	-7.3
Macau	18.4	21.0	21.6	25.1	26.4	29.2	29.7	29.7	29.0	27.2	23.6	19.9
Ningxia	-6.1	-1.1	6.5	16.3	17.2	22.5	24.5	23.2	19.3	10.1	4.6	-1.7
Qinghai	-6.3	-2.0	3.4	10.9	12.1	15.5	17.2	17.4	13.3	6.5	2.4	-4.2
Shaanxi	2.0	5.6	13.9	20.7	23.3	27.5	28.4	28.3	22.2	15.8	10.4	4.4
Shandong	1.6	2.9	12.1	15.7	23.5	29.2	29.0	26.1	23.8	15.9	10.1	3.4
Shanghai	5.9	6.2	11.5	16.9	20.7	24.2	27.9	28.6	24.7	18.7	14.7	9.0
Shanxi	-3.7	-0.6	7.1	13.4	19.2	24.3	25.5	23.4	19.3	11.2	5.6	-0.4
Sichuan	7.8	9.4	14.9	22.9	21.8	27.6	26.8	27.3	22.5	19.1	14.2	10.0
Taiwan	16.3	17.5	18.1	22.3	23.1	26.3	28.2	28.1	25.8	23.2	19.6	17.1
Tianjin	-0.8	0.1	10.2	14.8	23.0	26.8	28.1	25.8	23.7	14.9	7.2	0.1
Tibet	-1.3	3.2	6.3	10.3	14.7	20.1	17.2	17.6	15.4	10.8	7.8	1.5
Xinjiang	-10.6	-10.5	1.7	13.9	15.1	22.2	26.0	25.1	19.5	8.4	-0.9	-6.6
Yunnan	10.7	13.2	14.8	18.9	22.2	22.7	21.6	21.9	19.1	17.3	15.1	8.9
Zhejiang	6.2	6.3	12.9	18.7	22.4	25.4	28.7	29.9	25.4	19.5	15.0	9.5

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 5 Monthly risk levels in states and regions of India

Province	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Andaman-Nicobar Islands	28.2	28.6	29.2	30.4	30.1	29.3	28.8	28.3	28.2	29.6	29.3	28.3
Andhra	28.1	31.7	36.3	38.8	39.6	35.5	31.9	29.7	29.6	29.3	30.0	27.0
Arunachal	15.6	17.8	20.4	24.1	24.2	27.4	26.9	28.9	26.9	24.3	21.6	16.3
Assam	16.7	18.9	21.7	25.0	25.9	29.5	28.7	30.7	28.8	26.3	23.3	17.7
Bihar	18.3	21.0	25.9	29.6	31.7	32.0	30.4	31.1	29.3	27.4	24.9	18.3
Chandigarh	12.9	15.3	19.8	28.8	32.6	35.2	30.7	29.6	29.2	25.3	20.2	13.5
Chattisgarh	18.5	22.3	27.1	32.9	36.7	34.9	29.1	28.2	28.1	27.2	24.1	20.8
Dadra and Nagar Haveli	21.8	23.6	26.8	30.6	31.5	30.7	28.0	27.3	27.3	28.4	27.1	25.3
Delhi	14.2	16.4	21.1	29.8	33.5	35.3	32.2	30.9	30.5	26.8	22.1	14.2
Goa	27.0	27.2	27.8	29.8	29.6	29.2	27.8	27.4	27.7	28.9	28.7	28.5
Gujarat	19.5	22.1	26.7	32.7	35.3	34.6	32.2	28.9	29.1	28.7	26.7	21.7
Haryana	14.9	17.0	22.5	31.6	34.6	37.0	33.1	31.1	31.2	27.9	23.3	14.6
Himachal Pradesh	5.5	7.1	10.5	17.2	19.7	22.9	22.3	22.1	21.2	15.8	11.9	6.5
Jammu and Kashmir	0.1	1.1	1.1	8.2	13.2	16.7	21.8	20.3	20.6	12.0	5.1	1.2
Jharkand	18.2	22.7	28.5	33.3	34.0	34.7	30.6	29.7	28.8	26.9	23.4	19.0
Karnataka	25.7	29.4	32.8	33.0	31.8	28.9	27.1	25.7	26.4	26.3	25.8	24.5
Kerala	28.4	29.7	30.4	30.6	29.7	28.9	27.6	27.4	28.1	28.5	29.2	28.7
Lakshadvip	28.5	28.6	28.9	30.2	30.3	29.7	28.9	28.4	28.6	29.4	29.2	29.3
Madhya Pradesh	19.2	23.3	28.0	33.8	36.9	35.0	28.3	26.5	26.7	26.4	24.1	21.6
Maharashtra	23.1	25.2	28.3	32.2	33.4	31.6	27.8	27.3	27.3	28.2	27.4	26.5
Manipur	12.9	15.2	18.1	22.2	24.4	24.9	24.5	25.1	24.1	22.3	18.5	13.5
Meghalaya	11.6	13.9	16.3	19.3	21.7	22.9	22.8	23.7	22.3	20.1	17.5	12.9
Mizoram	13.6	16.1	19.4	23.2	25.6	25.7	25.0	25.6	24.7	23.2	19.7	14.4
Nagaland	12.8	15.0	18.1	20.8	23.0	24.8	24.8	25.6	24.1	21.7	18.6	13.6
Oriya	22.7	24.3	26.6	28.1	28.6	29.3	29.3	29.2	29.6	29.6	27.4	25.2
Panjab	26.4	28.3	30.1	31.5	31.8	31.8	30.6	29.9	29.5	29.4	28.8	27.0
Pondichéry	12.4	14.7	18.8	27.2	30.9	34.6	30.7	29.8	29.3	25.1	19.6	12.6
Rajasthan	17.0	19.9	25.5	33.7	36.3	36.9	31.9	28.7	29.2	26.3	23.3	16.0
Sikkim	7.9	10.1	12.1	15.5	18.5	20.3	20.5	20.9	19.6	16.9	14.3	8.8
Tamil Nadu	26.1	29.7	32.8	34.7	36.5	34.5	31.7	30.2	29.8	29.1	28.0	25.3
Tripura	19.6	22.6	27.3	28.7	30.8	29.9	29.1	29.8	29.2	27.8	24.2	19.2
Uttar Pradesh	14.2	16.8	21.8	30.1	32.8	35.3	32.1	30.4	30.1	26.6	22.4	14.3
Uttaranchal	10.6	13.3	16.8	24.1	27.8	30.5	27.5	27.2	26.3	21.4	17.0	11.2
West Bengal	20.3	24.4	27.1	31.1	32.7	31.8	30.7	30.1	29.5	28.3	24.8	20.8

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 6 Monthly risk levels in Italy regions

Province	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Abruzzo	4.9	7.2	10.9	13.2	14.9	24.3	25.4	26.5	21.1	16.7	13.0	8.3
Basilicata	5.2	7.8	11.4	13.6	15.6	25.1	26.8	27.8	22.8	18.4	13.8	9.8
Calabria	4.2	6.4	9.7	11.5	13.1	21.2	22.8	23.7	20.3	16.6	12.5	9.4
Campania	4.7	7.0	10.0	12.5	13.8	22.5	24.8	26.1	20.9	16.5	12.9	8.5
Emilia-Romagna	2.4	6.9	12.0	14.4	15.5	25.4	26.8	26.8	21.0	17.1	11.7	6.9
Friuli Venezia Giulia	2.9	5.9	9.1	12.4	13.8	23.1	25.2	24.8	19.4	14.6	10.5	5.7
Lazio	2.8	5.3	9.3	11.0	12.5	21.4	23.9	23.8	19.2	14.7	11.0	6.6
Liguria	4.3	6.5	9.4	11.5	12.9	20.0	22.3	22.0	18.6	15.5	10.4	7.4
Lombardia	1.6	3.9	7.2	10.0	12.2	20.2	21.6	21.3	16.8	13.2	7.6	4.0
Marche	7.9	9.1	12.0	15.0	16.5	25.8	27.8	28.7	23.5	19.0	15.0	11.0
Molise	3.9	6.0	8.9	11.2	12.8	22.2	23.9	25.7	19.9	15.5	11.5	7.2
P.A. Bolzano	-1.3	1.5	4.1	6.8	8.8	16.8	18.0	17.6	13.2	9.0	3.5	0.6
P.A. Trento	-0.1	2.0	4.5	7.0	9.1	17.1	18.0	17.7	13.7	10.4	4.6	1.3
Piemonte	3.2	6.0	11.5	14.2	16.6	26.2	27.6	26.9	21.4	17.1	10.3	6.5
Puglia	10.9	11.6	13.5	15.0	16.7	24.3	26.7	27.8	24.4	20.5	17.0	13.9
Sardegna	10.2	10.8	13.2	14.5	16.9	23.8	27.4	27.4	24.5	21.2	15.9	13.7
Sicilia	12.0	12.5	14.4	15.8	17.7	24.9	27.4	28.3	25.4	22.1	17.5	14.8
Toscana	2.0	5.2	8.3	10.8	12.3	20.9	23.0	23.8	19.1	14.7	10.4	6.1
Umbria	3.2	6.1	9.5	12.1	13.6	23.5	25.8	26.7	21.0	16.2	11.7	7.4
Valle d'Aosta	0.1	-0.1	-0.1	0.0	0.1	8.2	14.0	12.8	9.0	4.7	2.4	2.0
Veneto	-0.4	1.2	2.5	4.8	6.9	16.1	16.6	16.7	12.7	9.4	5.3	2.4

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 7 Monthly risk levels in states and regions of Russia (part 1)

State	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Altay republic	-3.7	-3.7	-3.2	-0.2	3.2	9.9	12.5	12.2	6.5	0.6	-0.5	-1.9
Altayskiy kray	-6.3	-6.5	-2.1	4.4	11.1	17.4	20.6	20.2	12.9	6.4	-4.2	-3.0
Amursk oblast	-13.4	-12.4	-8.1	0.3	7.9	14.2	16.9	15.1	7.3	-1.0	-6.4	-8.3
Arkhangelsk oblast	-4.1	-2.4	-1.3	-0.6	7.7	12.7	13.4	10.7	8.5	1.2	-3.5	-0.9
Astrahan oblast	-2.1	-1.6	5.1	11.9	20.7	29.6	27.7	26.3	18.4	12.8	1.3	-0.5
Belgorod oblast	-1.3	-0.8	1.9	9.5	16.5	22.9	20.2	20.1	15.5	10.5	3.1	1.4
Briansk oblast	-1.3	-0.8	1.2	8.0	15.4	21.1	17.7	17.2	13.0	9.3	2.5	0.5
Chechen republic	1.7	2.2	6.2	11.3	18.9	25.6	25.0	25.2	18.4	14.0	4.2	1.8
Cheliabinsk oblast	-2.2	-2.0	-0.9	4.0	14.0	17.7	20.5	17.1	9.9	6.6	-3.0	-2.8
Chukotskiy autonomous oblast	-10.4	-5.8	-7.3	-8.6	-2.1	12.0	15.2	10.0	3.8	-2.8	-6.4	-4.8
Habarovskiy kray	-15.0	-11.0	-1.3	4.2	11.9	15.7	21.0	18.6	14.2	5.9	-5.0	-14.6
Hanty-Mansiyskiy AO	-4.1	-3.0	-1.5	-0.7	7.1	13.0	19.7	14.6	8.3	2.6	-4.9	-3.7
Ingushetia republic	-0.1	-0.2	2.1	5.4	12.5	17.7	17.7	18.2	12.3	9.4	1.9	-0.2
Irkutsk oblast	-5.1	-5.2	-1.6	-0.4	6.4	15.4	20.0	15.2	7.7	-1.7	-9.0	-6.8
Ivanovo oblast	-2.3	-1.3	-0.7	5.3	14.3	17.9	15.5	14.3	10.5	6.7	-0.4	-1.2
Jewish Autonomous oblast	-6.4	-6.3	-1.6	3.9	11.7	15.1	20.1	18.0	13.4	4.2	-6.2	-12.2
Kaliningrad oblast	-0.7	1.9	4.2	8.7	12.3	20.2	17.8	18.7	14.1	10.2	5.4	3.4
Kaluga oblast	-1.7	-0.9	0.9	7.2	15.4	20.6	17.1	16.2	12.6	8.9	1.9	0.5
Kamchatskiy kray	-2.0	-0.9	-1.4	-1.5	2.8	11.5	13.3	12.1	5.4	-1.2	-4.1	-1.6
Kemerovo oblast	-1.9	-1.2	-0.7	3.5	10.7	16.6	18.6	17.8	11.0	4.3	-1.9	-1.3
Kirov oblast	-2.0	-1.5	-1.0	2.2	12.7	15.6	15.9	13.2	8.6	4.3	-2.8	-1.6
Komi republic	-4.4	-2.6	-1.6	-0.7	4.2	10.5	14.1	10.8	7.2	0.5	-3.3	-2.2
Kostroma oblast	-2.5	-1.4	-1.0	2.4	12.7	16.5	14.8	12.4	9.2	4.4	-2.2	-2.0
Krasnodarskiy kray	3.9	3.9	6.8	11.8	18.9	25.3	24.1	25.0	19.9	14.3	7.4	4.5
Krasnoyarskiy kray	-3.3	-2.2	-1.7	-0.4	7.0	15.9	18.0	16.8	8.9	2.0	-2.3	-1.9
Kurgan oblast	-3.2	-3.6	-2.1	3.2	13.3	16.3	20.1	16.8	9.9	5.9	-5.0	-2.8
Kursk oblast	-1.5	-0.8	1.7	9.1	15.9	21.2	19.1	19.4	14.9	9.9	2.8	1.1
Leningradskaya oblast	-2.0	-0.6	-0.1	4.8	10.8	17.3	15.1	14.8	10.7	5.4	0.6	0.6
Lipetsk oblast	-2.1	-1.5	0.3	8.5	16.8	22.3	19.3	19.1	14.2	10.1	1.8	-0.2
Magadan oblast	-2.7	-2.2	-1.9	-1.1	4.2	11.9	14.2	12.3	4.5	-0.7	-1.0	-2.5
Moscow	-1.6	-0.9	0.3	6.9	15.7	19.9	16.7	15.8	12.1	8.3	1.5	0.4
Moscow oblast	-1.5	-0.9	-0.1	6.4	14.8	18.7	16.1	15.4	11.4	7.9	1.3	0.3
Murmansk oblast	-6.5	-3.4	-1.1	1.0	4.4	8.5	10.3	10.4	8.0	0.0	-2.1	-0.8
Nenetskiy autonomous oblast	-7.0	-5.2	-2.9	-2.7	0.0	7.1	12.4	9.9	7.0	0.5	-3.0	-2.9
Nizhegorodskaya oblast	-2.2	-1.7	-0.7	4.8	14.6	17.7	16.4	14.6	10.6	7.4	-0.7	-2.1
Novgorod oblast	-2.2	-1.7	-0.7	4.8	14.6	17.7	16.4	14.6	10.6	7.4	-0.7	-2.1
Novosibirsk oblast	-3.3	-2.6	-1.6	3.1	10.7	16.4	19.3	18.4	11.1	4.5	-4.9	-2.6
Omsk oblast	-4.3	-4.0	-3.2	2.6	10.9	14.5	19.6	17.4	11.0	5.5	-6.9	-4.5
Orel oblast	-1.8	-1.0	0.5	7.9	15.5	20.6	17.8	17.7	13.4	9.4	2.4	0.3
Orenburg oblast	-4.4	-3.1	-1.3	7.0	17.3	22.4	23.2	19.2	11.9	8.6	-2.2	-4.2
Pensa oblast	-2.5	-2.3	-0.9	6.1	16.1	20.1	18.4	16.4	11.2	8.7	-0.8	-2.7
Perm oblast	-1.8	-1.7	-1.3	0.7	11.1	14.3	16.2	13.5	8.5	4.6	-1.8	-0.8
Primorskiy kray	-15.9	-12.6	-2.5	2.8	10.4	13.3	17.2	16.4	11.4	3.9	-2.8	-2.7
Pskov oblast	-1.2	-0.5	1.2	6.8	11.8	18.2	16.2	15.8	11.3	7.4	2.9	1.4
Republic of Adygeia	2.4	3.7	5.5	10.3	16.8	22.9	21.8	23.5	18.5	13.7	6.9	3.9
Republic of Bashkortostan	-2.9	-2.1	-1.0	4.9	14.3	17.9	19.6	16.1	9.8	7.0	-2.0	-1.8
Republic of Buriatia	-22.6	-19.4	-13.4	-5.7	2.0	10.2	14.4	11.4	4.2	-3.9	-16.3	-24.0
Republic of Chuvashia	-2.2	-1.7	-0.5	4.3	14.5	17.7	17.1	14.9	10.5	7.3	-1.5	-2.6
Republic of Crimea	2.1	2.2	4.7	9.6	16.9	23.1	22.7	23.6	18.3	13.5	8.5	3.7
Republic of Dagestan	-0.9	-1.4	-0.7	1.3	8.0	13.5	14.6	14.8	9.2	6.6	-0.6	-1.2
Republic of Hakassia	-15.8	-16.4	-0.1	4.4	10.4	18.4	18.8	18.8	12.2	3.8	-2.7	-1.7
Republic of Kabardino-Balkaria	-0.7	-1.0	-1.0	-0.3	2.9	10.7	11.5	12.7	6.7	2.7	-1.1	-1.7
Republic of Kalmykia	-1.3	-1.2	5.3	11.5	19.9	29.0	27.0	26.3	18.8	12.8	2.8	0.4
Republic of Karachaevo-Cherkessia	0.2	0.3	1.3	4.9	11.3	15.6	15.1	16.2	10.9	8.5	2.5	0.3

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 7 Monthly risk levels in states and regions of Russia (part 2)

State	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Republic of Karelia	-4.9	-2.7	-1.3	0.7	7.4	14.5	12.6	12.7	8.9	1.9	-2.4	-1.8
Republic of Mariy El	-2.1	-1.6	-0.6	3.6	14.3	17.3	16.9	14.7	9.9	6.8	-2.2	-3.1
Republic of Mordovia	-2.3	-2.2	-0.8	5.2	15.5	19.2	17.7	16.2	11.2	8.5	-0.6	-2.7
Republic of North Osetia-Alania	0.0	0.8	2.9	7.1	13.8	18.4	18.3	18.8	13.2	10.4	2.5	0.3
Republic of Tatarstan	-2.6	-1.9	-0.6	4.4	14.6	17.9	18.5	15.5	10.4	7.6	-1.8	-3.3
Republic of Tyva	-19.3	-18.2	-4.3	5.4	12.2	20.0	21.5	20.0	15.2	2.7	-8.2	-10.5
Republic of Udmurtia	-2.2	-1.7	-1.0	1.2	12.0	15.0	16.0	13.7	8.7	5.1	-3.5	-2.0
Rostov oblast	-0.8	-0.3	5.1	11.4	19.1	25.6	23.5	24.1	18.3	13.1	4.4	2.4
Ryazan oblast	-2.3	-1.3	-0.3	7.0	15.9	19.8	17.2	16.4	12.5	8.7	1.0	-0.8
Saha republic	-4.5	-2.4	-1.0	1.2	8.5	15.5	13.2	12.5	7.8	1.7	-1.7	-0.7
Saint Petersburg	-3.4	-1.1	-0.6	5.2	10.9	17.4	16.6	16.1	12.0	6.1	1.7	0.6
Sakhalin oblast	-3.0	-1.8	-1.5	0.1	7.8	10.0	14.6	13.6	10.0	2.5	-0.9	-2.4
Samara oblast	-3.1	-2.4	-1.0	5.2	15.8	20.0	20.1	17.5	11.5	8.8	-1.6	-3.7
Saratov oblast	-2.7	-2.4	-1.0	7.3	17.2	23.2	21.1	19.1	13.7	10.1	0.0	-2.3
Sevastopol	7.4	7.1	7.4	10.1	15.6	23.1	23.1	23.7	20.6	16.6	13.3	9.4
Smolensk oblast	-1.2	-0.7	0.7	6.5	13.6	19.1	15.8	15.3	11.0	8.2	2.1	0.7
Stavropolskiy kray	0.1	0.5	6.1	11.2	19.6	28.0	26.0	25.6	19.0	13.6	4.8	1.9
Sverdlov oblast	1.7	1.9	10.4	14.6	20.1	26.9	33.0	29.4	21.6	14.4	2.7	2.3
Tambov oblast	-2.3	-2.0	-0.5	8.1	17.3	21.6	18.7	18.1	13.2	9.5	0.6	-1.2
Tomsk oblast	-2.5	-1.3	-1.0	1.4	9.0	15.6	18.5	17.3	10.3	3.5	-2.3	-2.0
Tula oblast	-2.0	-1.0	0.8	6.9	15.4	20.6	17.2	16.5	12.8	8.7	1.6	-0.1
Tumen oblast	-2.3	-2.2	-1.0	2.4	11.9	15.1	19.0	15.6	9.4	4.9	-5.5	-4.8
Tver oblast	-1.4	-0.9	-0.2	5.9	14.1	18.0	15.6	14.9	11.3	7.5	1.5	0.8
Ulianovsk oblast	-2.5	-2.2	-0.6	4.0	15.5	19.9	19.2	16.4	11.2	8.5	-1.1	-3.4
Vladimir oblast	-2.3	-1.4	-0.5	5.7	15.0	18.2	16.0	15.0	11.2	7.9	0.0	-1.2
Volgograd oblast	-2.7	-2.5	2.6	10.6	18.8	26.5	24.3	23.7	17.0	11.9	1.2	-0.8
Vologda oblast	-2.8	-1.4	-1.0	3.6	11.4	16.2	14.6	12.9	9.9	3.9	-1.4	-1.2
Voronezh oblast	-1.8	-1.3	0.4	8.9	16.7	22.3	19.6	19.8	14.8	10.4	2.0	0.1
Yamalo-Nenetskiy AO	-6.1	-4.9	-2.8	-2.5	0.0	8.9	18.7	14.0	5.7	-0.1	-3.0	-4.4
Yaroslavl oblast	-2.3	-1.1	-0.7	4.8	13.3	17.0	15.0	13.9	10.3	5.9	-0.4	-0.8
Zabaykalskiy kray	-22.1	-17.5	-6.0	-0.4	7.6	17.1	18.1	15.3	9.3	-0.9	-13.1	-22.6

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 8 Monthly risk levels in Sweden provinces

Province	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Blekinge	1.1	2.6	3.7	6.4	9.7	16.3	16.7	17.5	13.5	9.3	6.5	4.4
Dalarna	-2.0	-1.1	-0.5	4.4	8.7	15.4	15.6	15.4	10.2	3.9	0.3	-0.2
Gävleborg	-1.6	-1.2	0.3	4.8	9.0	16.5	16.3	16.6	11.4	5.6	1.8	0.7
Gotland	1.9	2.6	2.6	5.3	8.7	16.1	16.8	18.2	14.8	9.9	6.7	4.9
Halland	-0.1	2.5	3.7	7.6	10.1	17.1	17.2	16.8	12.8	8.0	4.9	3.1
Jämtland	-1.6	-0.8	-0.8	2.6	6.2	12.4	14.1	13.9	7.9	1.2	-2.3	-0.8
Jönköping	-1.6	1.0	1.8	5.5	9.0	15.9	15.5	15.2	11.1	6.2	2.8	1.8
Kalmar län	0.0	2.4	3.6	6.2	10.3	17.6	17.3	17.7	13.6	8.8	5.8	3.6
Kronoberg	-1.2	1.4	2.5	6.0	9.6	16.6	16.1	15.8	11.8	6.9	3.9	2.2
Norrbottn	-3.6	-4.4	-2.9	0.2	5.2	12.0	15.6	14.9	11.1	4.3	-0.9	-0.9
Örebro	-2.3	0.8	1.6	5.7	9.9	16.0	16.2	16.3	11.3	5.4	1.9	1.3
Östergötland	-1.7	1.5	2.2	5.4	9.9	17.1	16.5	16.6	11.9	6.4	2.8	2.1
Skåne	1.4	3.9	5.2	8.4	11.8	19.2	19.7	18.9	14.4	9.8	6.5	4.5
Sörmland	-0.3	1.2	1.9	4.9	9.2	15.6	16.7	17.5	12.3	7.9	4.8	3.2
Stockholm	-1.9	0.8	1.5	4.9	9.5	16.7	16.2	16.6	12.1	6.8	3.6	2.0
Uppsala	-2.3	0.3	1.0	5.1	9.6	16.6	16.0	16.2	11.7	6.2	2.5	1.3
Värmland	-2.1	0.6	1.7	6.1	9.9	15.6	17.1	16.3	11.3	5.1	1.4	0.9
Västerbotten	-2.7	-3.1	-1.4	0.8	5.8	11.0	14.8	15.1	11.1	5.2	1.4	0.6
Västernorrland	-2.6	-1.6	-1.0	3.5	7.4	13.4	15.1	15.1	10.2	4.5	0.3	-0.4
Västmanland	-1.5	0.4	1.4	5.6	10.2	16.7	16.5	16.6	11.5	5.3	2.0	1.2
Västra Götaland	-0.2	2.5	3.6	7.3	9.7	15.8	16.6	16.2	12.6	7.3	4.0	2.9

Note: Numbers represent ambient temperatures (°C). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 9 Monthly risk levels in U. S. states (part 1)

State	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Alabama	48 (9.1)	58 (14.5)	57 (13.9)	65 (18.2)	76 (24.3)	80 (26.7)	83 (28.3)	84 (28.7)	82 (27.7)	71 (21.7)	53 (11.6)	53 (11.8)
Alaska	25 (-3.8)	28 (-2.4)	28 (-2)	30 (-1.2)	42 (5.5)	58 (14.5)	62 (16.8)	52 (11.1)	43 (5.9)	29 (-1.4)	13 (-10.4)	22 (-5.3)
Arizona	38 (3.5)	38 (3.2)	45 (7)	54 (12.4)	56 (13.6)	71 (21.9)	78 (25.7)	77 (25.2)	70 (21.1)	57 (14.2)	49 (9.5)	40 (4.5)
Arkansas	42 (5.5)	46 (7.9)	50 (10.1)	61 (16.4)	71 (21.7)	77 (25)	80 (26.8)	82 (27.7)	82 (27.6)	64 (17.9)	48 (8.7)	46 (7.9)
California	49 (9.5)	48 (8.8)	55 (12.7)	64 (17.9)	67 (19.2)	80 (26.6)	85 (29.7)	86 (29.8)	78 (25.6)	64 (17.7)	55 (12.9)	50 (10.1)
Colorado	27 (-2.8)	27 (-2.6)	29 (-1.9)	33 (0.5)	39 (4.1)	52 (11)	61 (16.3)	61 (16.2)	57 (13.9)	39 (3.8)	31 (-0.7)	30 (-1.3)
Connecticut	30 (-1.2)	31 (-0.3)	38 (3.1)	49 (9.6)	57 (13.8)	66 (18.9)	75 (24.1)	72 (22.1)	65 (18.5)	56 (13.2)	40 (4.6)	34 (1.1)
Delaware	38 (3.1)	38 (3.6)	44 (6.8)	58 (14.2)	67 (19.4)	74 (23.6)	80 (26.9)	78 (25.3)	73 (23)	64 (17.6)	48 (8.8)	42 (5.4)
District of Columbia	36 (2.3)	38 (3.2)	44 (6.9)	59 (14.7)	68 (20.1)	76 (24.2)	81 (27.5)	79 (26)	75 (23.8)	63 (17)	45 (7.2)	39 (4)
Florida	62 (16.4)	70 (20.9)	70 (20.9)	77 (24.9)	82 (28)	84 (29)	83 (28.5)	83 (28.2)	82 (27.8)	80 (26.7)	69 (20.5)	67 (19.4)
Georgia	47 (8.5)	53 (11.8)	55 (12.9)	64 (17.9)	76 (24.7)	78 (25.4)	81 (27.2)	81 (27.3)	80 (26.5)	70 (21)	52 (11.2)	51 (10.6)
Guam	82 (27.7)	81 (27.4)	81 (27.4)	82 (27.9)	84 (28.8)	85 (29.4)	86 (29.9)	85 (29.5)	85 (29.5)	85 (29.3)	84 (29.1)	83 (28.3)
Hawaii	62 (16.4)	62 (16.7)	63 (17.5)	67 (19.3)	69 (20.5)	71 (21.5)	71 (21.8)	72 (22.2)	71 (21.5)	69 (20.7)	68 (19.7)	65 (18.1)
Idaho	30 (-1.1)	30 (-0.9)	31 (-0.7)	32 (-0.2)	32 (-0.1)	40 (4.5)	53 (11.5)	53 (11.8)	44 (6.9)	30 (-1.2)	26 (-3.5)	28 (-2.2)
Illinois	31 (-0.8)	30 (-1)	39 (3.8)	54 (12.1)	64 (18)	71 (21.9)	78 (25.6)	75 (24)	73 (23)	57 (13.8)	40 (4.2)	36 (2.5)
Indiana	32 (0.1)	32 (-0.1)	38 (3.5)	53 (11.7)	63 (17.1)	71 (21.5)	77 (25.1)	75 (23.9)	73 (22.7)	59 (15.1)	41 (4.8)	38 (3.1)
Iowa	31 (-0.7)	27 (-2.7)	36 (2.2)	51 (10.7)	59 (15)	71 (21.7)	78 (25.8)	73 (23.1)	71 (21.9)	51 (10.8)	36 (2.2)	32 (-0.2)
Kansas	31 (-0.3)	29 (-1.5)	40 (4.4)	57 (14)	62 (16.9)	74 (23.3)	81 (27.3)	80 (26.4)	77 (24.8)	54 (12.4)	42 (5.7)	35 (1.9)
Kentucky	36 (2.2)	41 (5.1)	43 (6.1)	57 (14.1)	68 (20)	71 (21.8)	78 (25.5)	77 (24.8)	75 (24)	61 (15.9)	42 (5.5)	42 (5.7)
Louisiana	53 (11.6)	60 (15.8)	62 (16.4)	67 (19.5)	77 (24.8)	81 (27.5)	83 (28.5)	83 (28.5)	83 (28.3)	75 (23.7)	58 (14.7)	58 (14.6)
Maine	29 (-1.7)	30 (-0.9)	31 (-0.8)	38 (3.1)	48 (9.1)	59 (15.3)	69 (20.7)	65 (18.5)	57 (13.7)	48 (8.6)	33 (0.3)	28 (-2.2)
Maryland	36 (2.2)	37 (2.9)	44 (6.4)	58 (14.3)	67 (19.5)	74 (23.2)	79 (26.2)	77 (24.9)	73 (22.7)	62 (16.6)	45 (7.2)	39 (4.1)
Massachusetts	30 (-1.2)	30 (-0.9)	36 (2.3)	48 (8.9)	55 (12.7)	66 (18.7)	75 (23.8)	71 (21.9)	64 (17.6)	54 (12)	38 (3.5)	32 (0.2)
Michigan	22 (-5.6)	26 (-3.6)	30 (-1.3)	41 (4.8)	50 (10.2)	61 (16.1)	69 (20.8)	65 (18.4)	61 (16.1)	46 (7.8)	31 (-0.7)	29 (-1.6)
Minnesota	27 (-2.8)	26 (-3.1)	30 (-1.4)	41 (5)	51 (10.3)	65 (18.4)	71 (21.5)	67 (19.3)	61 (15.9)	43 (6.3)	28 (-2.5)	29 (-1.7)
Mississippi	45 (7.3)	53 (11.9)	54 (12.1)	62 (16.6)	73 (22.7)	77 (25.2)	80 (26.9)	81 (27.2)	82 (28)	67 (19.5)	49 (9.6)	51 (10.4)
Missouri	32 (0)	32 (-0.3)	40 (4.5)	56 (13.2)	64 (17.7)	72 (22.1)	78 (25.4)	76 (24.6)	75 (23.9)	55 (12.9)	41 (4.9)	38 (3.3)

Note: Numbers represent ambient temperatures in degree Fahrenheit (degree Celsius). Red: high risk. Yellow: moderate risk. Green: low risk.

Supplemental Figure 9 Monthly risk levels in U. S. states (part 2)

State	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Montana	28 (-2)	28 (-2.3)	31 (-0.4)	41 (4.8)	47 (8.1)	59 (14.8)	66 (19)	68 (20.1)	58 (14.3)	38 (3.5)	31 (-0.5)	31 (-0.7)
Nebraska	29 (-1.6)	26 (-3.6)	36 (2.2)	50 (9.7)	55 (12.6)	68 (19.9)	76 (24.3)	73 (22.9)	70 (21.1)	48 (8.9)	37 (2.7)	31 (-0.4)
Nevada	33 (0.8)	33 (0.4)	37 (2.6)	52 (11)	59 (15)	74 (23.3)	85 (29.6)	85 (29.4)	71 (21.7)	50 (10.2)	43 (6.1)	35 (1.6)
New Hampshire	30 (-1.1)	30 (-0.9)	31 (-0.6)	36 (2.4)	48 (8.7)	58 (14.4)	68 (19.9)	64 (17.5)	55 (12.6)	45 (7.2)	29 (-1.4)	25 (-3.8)
New Jersey	35 (1.4)	37 (2.7)	43 (6.2)	57 (13.9)	65 (18.3)	73 (22.7)	80 (26.7)	77 (25)	72 (22.1)	62 (16.6)	44 (6.9)	39 (4)
New Mexico	35 (1.7)	39 (3.8)	49 (9.4)	59 (15)	65 (18.5)	78 (25.7)	84 (28.8)	83 (28.1)	77 (25)	58 (14.4)	45 (7.4)	36 (2.3)
New York	30 (-1.4)	29 (-1.8)	33 (0.4)	45 (7)	53 (11.7)	61 (16.3)	69 (20.3)	65 (18.1)	58 (14.6)	49 (9.7)	34 (0.9)	30 (-1.2)
North Carolina	42 (5.4)	46 (7.8)	48 (9.1)	60 (15.7)	72 (22)	74 (23.5)	80 (26.4)	77 (24.7)	76 (24.4)	65 (18.2)	47 (8.1)	45 (7.3)
North Dakota	22 (-5.3)	28 (-2.3)	30 (-0.9)	42 (5.5)	52 (10.9)	65 (18.2)	70 (21.3)	67 (19.3)	59 (15.3)	42 (5.4)	29 (-1.8)	28 (-2)
Northern Mariana	82 (27.5)	81 (27.1)	81 (27.2)	82 (27.9)	84 (28.8)	85 (29.5)	86 (30)	85 (29.7)	85 (29.6)	85 (29.2)	84 (29)	83 (28.2)
Ohio	32 (0.1)	33 (0.5)	38 (3.3)	53 (11.9)	63 (17.5)	70 (21.1)	76 (24.7)	73 (23)	72 (22.4)	60 (15.4)	40 (4.6)	37 (2.9)
Oklahoma	37 (2.8)	39 (3.6)	47 (8.1)	61 (16)	68 (20.1)	77 (24.9)	82 (28)	83 (28.4)	80 (26.7)	59 (15.1)	46 (7.8)	43 (5.9)
Oregon	32 (-0.1)	31 (-0.8)	35 (1.5)	45 (7)	54 (12.2)	63 (17.4)	71 (21.7)	71 (21.8)	59 (15.2)	42 (5.6)	37 (2.9)	31 (-0.4)
Pennsylvania	31 (-0.8)	30 (-1.1)	35 (1.5)	49 (9.2)	58 (14.6)	64 (17.8)	71 (21.9)	68 (20.2)	63 (17)	52 (11.3)	37 (2.9)	32 (0.2)
Puerto Rico	74 (23.4)	75 (23.9)	76 (24.5)	78 (25.4)	79 (26.1)	80 (26.8)	81 (27.2)	81 (27.2)	81 (27.2)	80 (26.5)	78 (25.8)	78 (25.3)
Rhode Island	30 (-1.2)	31 (-0.3)	37 (2.6)	49 (9.3)	56 (13.1)	66 (18.7)	75 (23.9)	72 (22)	64 (17.8)	55 (12.6)	40 (4.5)	34 (1.2)
South Carolina	49 (9.6)	53 (11.8)	57 (13.9)	67 (19.4)	80 (26.8)	80 (26.4)	85 (29.3)	83 (28.2)	84 (29)	72 (22.4)	54 (12.1)	52 (11.3)
South Dakota	25 (-4.1)	23 (-4.9)	32 (-0.2)	43 (6.3)	53 (11.4)	70 (21.4)	76 (24.3)	72 (22.4)	66 (18.8)	44 (6.8)	31 (-0.3)	29 (-1.6)
Tennessee	40 (4.6)	47 (8.2)	48 (8.7)	60 (15.5)	70 (21.4)	74 (23.5)	78 (25.8)	78 (25.4)	77 (25.2)	63 (17.3)	45 (7.1)	47 (8.3)
Texas	49 (9.7)	55 (12.7)	59 (15.2)	69 (20.5)	73 (22.8)	80 (26.7)	86 (30)	91 (32.9)	88 (31.3)	71 (21.9)	57 (13.9)	54 (12)
Utah	32 (0.1)	32 (0)	34 (1.1)	45 (7)	51 (10.7)	67 (19.4)	80 (26.7)	79 (26.3)	70 (20.9)	47 (8.5)	39 (3.8)	37 (2.7)
Vermont	28 (-2.2)	30 (-1.2)	31 (-0.7)	41 (4.8)	49 (9.7)	59 (14.8)	68 (19.9)	64 (18.1)	56 (13.1)	46 (7.5)	30 (-0.9)	25 (-3.9)
Virgin Islands	79 (26.4)	79 (26.1)	79 (26.2)	80 (26.6)	81 (27.1)	82 (28)	83 (28.4)	84 (28.9)	85 (29.4)	85 (29.5)	84 (28.7)	82 (28)
Virginia	38 (3.2)	41 (4.8)	45 (7.4)	59 (15.2)	70 (21.2)	74 (23.4)	81 (27)	78 (25.5)	76 (24.2)	63 (17.1)	45 (7.4)	41 (5.2)
Washington	31 (-0.4)	31 (-0.6)	32 (0)	36 (2.3)	49 (9.3)	53 (11.5)	57 (13.9)	60 (15.6)	51 (10.7)	36 (1.9)	32 (-0.2)	31 (-0.7)
West Virginia	34 (1)	37 (3.1)	41 (5.1)	56 (13.2)	65 (18.2)	68 (19.9)	74 (23.3)	72 (22.2)	71 (21.8)	59 (15.2)	41 (5)	39 (3.9)
Wisconsin	20 (-6.6)	27 (-2.8)	33 (0.4)	43 (5.9)	53 (11.6)	64 (18)	72 (22.4)	67 (19.3)	63 (17.3)	47 (8.2)	31 (-0.7)	27 (-2.6)
Wyoming	30 (-1.1)	29 (-1.5)	30 (-1.1)	40 (4.2)	47 (8.1)	62 (16.6)	77 (25)	77 (24.8)	64 (17.5)	39 (4.1)	32 (-0.1)	32 (-0.2)

Note: Numbers represent ambient temperatures in degree Fahrenheit (degree Celsius). Red: high risk. Yellow: moderate risk. Green: low risk.