

A hierarchical collection of political/economic regions for analysis of climate extremes: Supplementary material A (WRAF10-v4.1, WRAF5-v4.1, WRAF2-v4.1)

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Abstract This document lists the WRAF10-v4.1, WRAF5-v4.1, and WRAF2-v4.1 regions, of approximately 10Mm², 5Mm², and 2Mm² size respectively, developed in the manuscript titled “A hierarchical collection of political/economic regions for analysis of climate extremes”.

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Supplementary Table A 1 List of WRAF10-v4.1, WRAF5-v4.1, and WRAF2-v4.1 regions, of approximate size of 10 Mm², 5 Mm², an 2 Mm² respectively. ID numbers are intended for quick reference against Figures 2 through 4 in the main text, and Supplementary Tables A1 through A17.

ID	WRAF10		ID	WRAF5		ID	WRAF2	
	Label (Table)	Area (Mm ²)		Label	Area (Mm ²)		Label	Area (Mm ²)
1	Canada (Table A1)	9.924	1.1	Arctic Canada	3.903	1.1.1	NWT and Yukon	1.824
				1.1.2	Nunavut	2.079		
			1.2	south Canada	6.022	1.2.1	west Canada	2.253
						1.2.2	Manitoba and Ontario	1.725
						1.2.3	east Canada	2.044
2	USA (Table A2)	9.476	2.1	north USA	5.396	2.1.1	Alaska	1.506
						2.1.2	northwest USA	2.147
						2.1.3	Midwest USA	1.743
			2.2	south and east USA	4.082	2.2.1	southwest USA	2.452
						2.2.2	east USA	1.630
3	Mercosur (Table A3)	12.804	3.1	northern Brazil	3.569	3.1.1	west North Brazil	1.965
				3.1.2	central North Brazil	1.605		
			3.2	east and south Brazil	4.947	3.2.1	northeast Brazil	1.836
						3.2.2	Central-West Brazil	1.613
						3.2.3	South and Southeast Brazil	1.497
			3.3	south Mercosur	3.367	3.3.1	Argentina	2.786
			4	Arab League (Table A4)	12.634	4.1	west Arab League	4.105
4.1.2	central AMU	2.471						
4.2	central Arab League	3.495				4.2.1	Libya	1.630
						4.2.2	Sudan	1.865
4.3	east Arab League	5.034				4.3.1	northeast Arab League	1.733
						4.3.2	Saudi Arabia	1.931
						4.3.3	far east Arab League	1.348
5	ECOWAS and CEMAC (Table A5)	8.029	5.1	ECOWAS	5.029	5.1.1	west ECOWAS	2.242
						5.1.2	east ECOWAS	2.788
			5.2	CEMAC	2.999	5.2.1	Chad	1.275
						5.2.2	central and south CEMAC	1.724
6	SADC (Table A6)	9.873	6.1	north SADC	4.855	6.1.1	DR Congo	2.336
						6.1.2	northwest SADC	2.518
			6.2	east and south SADC	5.018	6.2.1	east SADC	2.339
						6.2.2	south SADC	2.679
7	west Russia (Table A7)	8.973	7.1	European Russia	4.296	7.1.1	northwest Russia	2.150
						7.1.2	southwest Russia	2.147
			7.2	west and north Siberia	4.676	7.2.1	West Siberia	2.362
						7.2.2	north East Siberia	2.314
8	east Russia (Table A8)	7.909	8.1	central east Russia	4.833	8.1.1	south East Siberia	1.780
						8.1.2	Sakha	3.053
			8.2	Pacific Russia	3.076	8.2.1	north Pacific Russia	1.641
						8.2.2	south Pacific Russia	1.435
9	ECO (Table A9)	7.989	9.1	west ECO	3.416	9.1.1	northwest ECO	1.790
						9.1.2	Iran	1.625
			9.2	east ECO	4.573	9.2.1	Kazakhstan	2.713
						9.2.2	southeast ECO	1.861
10	China (Table A10)	9.379	10.1	north China	5.104	10.1.1	northwest China	2.799
						10.1.2	northeast China	2.304
			10.2	south China	4.277	10.2.1	southwest China	2.260
						10.2.2	southeast China	2.017

Continued...

Supplementary Table A 1 ...continued.

WRAF10			WRAF5			WRAF2		
ID	Label	Area (Mm ²)	ID	Label	Area (Mm ²)	ID	Label	Area (Mm ²)
11	Australia (Table A11)	7.724	11.1	west and south Australia	4.631	11.1.1	Western Australia	2.540
			11.2	northeast Australia	3.095	11.1.2	southeast Australia	2.091
						11.2.1	Northern Territory	1.356
						11.2.2	Queensland	1.739
12	Antarctica (Table A12)	12.276	12.1	polar and West Antarctica	5.435	12.1.1	West Antarctica	2.513
						12.1.2	polar Antarctica	2.922
			12.2	East Antarctica	6.842	12.2.1	west East Antarctica	2.309
						12.2.2	central East Antarctica	2.309
						12.2.3	east East Antarctica	2.224
—	—	—	X.1	Andean Community (Table A10)	3.788	X.1.1	north Andean Community	1.398
						X.1.2	south Andean Community	2.390
—	—	—	X.2	EEA (Table A14)	4.946	X.2.1	north EEA	2.757
						X.2.2	south EEA	2.189
—	—	—	X.3	India (Table A15)	3.166	X.3.1	north India	1.300
						X.3.2	south and east India	1.858
—	—	—	X.4	ASEAN (Table A16)	4.464	X.4.1	north ASEAN	2.562
						X.4.2	Indonesia	1.903
—	—	—	—	—	—	X.X.1	Greenland	2.146
—	—	—	—	—	—	X.X.2	Mexico	1.970
—	—	—	—	—	—	X.X.3	central IGAD	2.741
—	—	—	—	—	—	X.X.4	Mongolia	1.562

AMU = Arab Maghreb Union; Arab League = League of Arab States; ASEAN = Association of Southeast Asian Nations; CEMAC = Economic and Monetary Community of Central Africa; DR Congo = Democratic Republic of Congo; ECO = Economic Cooperation Organization; ECOWAS = Economic Community of West African States; EEA = European Economic Area; IGAD = Intergovernmental Authority on Development; Mercosur = Southern Common Market; NWT = Northwest Territories; SADC = Southern Africa Development Community; USA = United States of America