



**Table A.4.1: HTAP2 regions**

	Tier 1		Tier 2	Remark
01	<b>GLO*</b>	<b>World</b>		Not provided as separate mask
02	OCN	Non-arctic/Antarctic Ocean	020 Baltic Sea 021 North Atlantic 022 South Atlantic 023 North Pacific 024 South Pacific 025 Indian Ocean 026 Hudson Bay 027 Mediterranean Sea 028 Black and Caspian Sea	150 Arctic seas are included in the Arctic receptor region  160 Antarctic seas are included in Antarctic receptor as Southern Ocean
03	<b>NAM*</b>	US+Canada (upto 66 N; polar circle)	031 NE US 032 SE US 033 NW US 034 SW US 035 E. Canada 036 W. Canada + Alaska up to 66 N.	Division along state lines. Emissions North of 66 N are marginal.
04	<b>EUR*</b>	Western + Eastern EU+Turkey (upto 66 N polar circle)	041 NW Europe 042 SW Europe (France follows province borders at ca. 46 N). 043 Eastern Europe 044 Greece+Turkey+Cyprus	
05	<b>SAS*</b>	South Asia: India, Nepal, Pakistan, Afghanistan, Bangladesh, Sri Lanka	051 North India +Nepal +Bangladesh +Afghanistan +Pakistan (ex. Himalaya) 052 South India+Sri Lanka 053 Indian Himalaya	Himalaya defined as regions above 1500 m altitude
06	<b>EAS*</b>	East Asia: China, Korea, Japan	061 North East China 062 South East China 063 West China +Mongolia (excl. Himalaya) 064 North/South Korea 065 Japan 066 China/Tibet Himalaya	Himalaya defined as regions above 1500 m altitude
07	SEA	South East Asia	071 Indonesia+Malaysia+Singapore 072 Thailand+Myanmar+Vietnam	
08	PAN	Pacific, Australia+New Zealand	081 Pacific 082 Australia 083 New Zealand	
09	NAF	Northern Africa+Sahara+Sahel	091 Egypt 092 Rest of Northern Africa 093 Sahel	Sahel identified as important dust source region.
10	SAF	Sub Saharan/sub Sahel Africa	101 West and Central Africa: Côte d'Ivoire, Angola, Benin, Burkina Faso, Cameroon, Cape Verde, Chad, Congo Brazzaville, Democratic Republic of Congo, Equatorial Guinea, Gambia, Ghana, Guinea, Guinea Bissau, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone and Togo (excluding Sahel) 102 East Africa: Burundi, Djibouti, Eritrea, Ethiopia, Kenya, Sudan, Rwanda, Uganda, Somalia and Tanzania. 103 Southern Africa: Angola, Botswana, Lesotho, Madagascar, Malawi,	Parts of these countries included in Sahel region.

			Mauritius, Mozambique, Namibia, South Africa, Swaziland, Tanzania, Zambia, and Zimbabwe	
11	<b>MDE*</b>	<b>Middle East: S. Arabia, Oman, etc, Iran, Iraq</b>	111 Lebanon, Israel, Jordan, Syria. 112 Saudi Arabia; Yemen; Oman; Emirates, Qatar, Bahrein. 113 Iran, Iraq	
12	MCA	Mexico, Central America, Caribbean, Guyanas, Venezuela, Columbia	121 Mexico 122 Central America 123 Caribbean 124 Guyanas, Columbia, Venezuela	
13	SAM	S. America	131 South Brazil 132 Rest of Brazil 133 Uruguay, Paraguay, Argentina, Chile 134 Peru, Ecuador	
14	<b>RBU*</b>	<b>Russia, Belarussia, Ukraine</b>	141 Russia West 142 Russia East 143 Belarussia+Ukraine	
15	CAS	Central Asia	151 Uzbekistan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan	Pamir mountains not included in Himalaya
16	NPO	Arctic Circle (North of 66 N)+Greenland	150 Arctic (includes ocean and all of Greenland)	Defined as Tier 1; but mainly relevant as receptor
17	SPO	Antarctic	160 Antarctic 161 Southern Ocean, south of 60S	Defined as Tier 1; but mainly relevant as receptor

\*Regions in bold characters defined as priority regions for TF HTAP Phase 2 simulations.