Supplementary information

Meybeck et al: Global hydrobelts and hydroregions: improved reporting scale for water-related issues?

The following section provides supplementary information for the Section 4.2 in the main article.

Boreal hydroregions*,* still barely populated, are characterized by a very low a population density: from 0.8 p km^{-2} in North America, 4.7 p km^{-2} in Europe, 5.8 p km^{-2} in West Siberia, to 8.5 p km^{-2} in East Siberia. The relative pressure RPI is 1.00 for N. America (by definition of the indicator), 3.6 for Europe, 8 for West Siberia and 11 for East Siberia, an illustration of their different exposures to potential water quality degradation.

Rural population is very sparse in these regions and these differences are probably linked to cities, generally established far away from the Arctic coastal zone, too cold, unlike in all other hydroregions. As agriculture is very limited, Human impacts are mostly due to large urban centres, to mining operations and to reservoir construction for hydropower as in the James Bay (Canada), N. Sweden, Ob and Yenissei River basins in W. Siberia. Influence on river regimes can therefore be locally very high (Nilsson *et al.*, 2005; Vörösmarty *et al.*, 2010). Boreal basins are very exposed to long range atmospheric pollutants originating from the Northern Mid Latitude Belt, much more industrialised (Eisenreich *et al.*, 1981). They are very sensitive to Global Warming (ACIA, 2006).

Northern Mid Latitude hydroregions are also contrasted for their human population. In Europe and Asia, where Human settlement has started very early (McNeill and McNeill, 2003; Klein Goldewijk *et al.*, 2010), they support very high population densities, 90 and 281 p km^{-2}, respectively, in contrast to North America, 39.6 p km^{-2}. Relative pressure indicators are among the world's highest and range from 32 for the N. American region, 100 for the European hydroregion, to 180 for the Asian hydroregion.

Intensive agriculture and industrial production are characteristic of Europe and North America regions and are fast-developing in Asia. This has often resulted in marked degradation of river water quality with various trajectories, depending on issues (Meybeck, 2003; Billen and Garnier, 2007; Seitzinger *et al.*, 2010). Multiple water demands for hydropower, irrigated agriculture, industrialisation and urbanisation, have also resulted in the construction of cascading reservoirs on many rivers and of countless ($n=10^8$) reservoirs in North America and Asia, securing the water resources (Vörösmarty, 2005) yet altering hydrological regimes and aquatic biodiversity (Nilsson *et al.*, 2005).

Northern Dry regions have medium population densities, unexpected when considering their very limited water resources: 27.2 p km^{-2} for North America, 27.6 p km^{-2} for Africa, 33.7 p km^{-2} for Middle East and only 13.3 p km^{-2} for Central Asia. The relative pressure indicator reaches its maximum for these regions: 220 for North Africa Dry region, 180 for North American Dry region, 269 for Middle East and 103 for Central Asia. These figures are averages that include the arheic part of river basins in which population density is orders of magnitude lower; if corrected the RPI indicators on rheic parts of river basins would be much higher.

These regions are facing multiple and critical water quality and quantity issues as well documented for Central Asia by Dukhovny and De Schutter (2011): (i) populations in allogenic river basins essentially depend on upstream supply for their water resources (Viviroli *et al.*, 2007), placing them in a very fragile position, particularly when headwaters are managed or shared by different political or administrative entities. This is the case for the Colorado and the Rio Grande - Rio Bravo, for the Senegal, Nile, Jordan, Shatt el Arab, Indus, Amu Darya and Syr Darya rivers; (ii) their water quality is very sensitive to Human pressures, due to their lowest dilution power, particularly at low flows. This point is often underestimated when dry and wet basins are mixed in national or regional reporting; (iii) river water can be heavily used, through withdrawal and/or diversions, particularly for irrigated agriculture and/or fast growing cities. As a result, some of the largest exorheic rivers of the Dry belt are now barely flowing to the ocean, a state termed neo-arheism (Meybeck, 2003), illustrating their extreme sensitivity to climate and anthropogenic changes. Examples are the Colorado, Rio Grande, Nile, Orange, in the Dry belt, and the Yellow River, Indus, Orange, Murray in other belts. Potential impacts of point sources of pollution on these rivers, as big cities (e.g. Cairo, Khartoum, New Delhi, Baghdad) are amplified by extreme seasonal variations with maximum local water quality degradation reached during low flows.

Northern Subtropical regions are characterized by their higher population density, maximum for Asia (194 p km^{-2}), high for North and Central America (103 p km^{-2}), and medium for Africa (55 p km^{-2}). However, the relative pressure indicator is limited for these regions due to their medium runoff: 93 for Africa and 90 for Asia, 66 for North and Central America. Depending on the water and energy demands, these rivers can also be equipped with dams and reservoirs as in India (Godavari, Narmada), Southeast Asia (Mekong, Chao Phraya, Song Koi) (Gupta, 2005), and Northern Africa (Niger). Impacts of point sources of pollution on these rivers also present seasonal variations, which may be locally very high (East Deccan, Middle Niger basin). In Southeast Asia accelerated land erosion due to land use changes is critical in many river basins. In terms of sediment transport to the ocean, this is often counterbalanced by the retention in reservoirs (Gupta, 2005; Salomons *et al.*, 2005).

Equatorial regions present the maximum contrast in terms of population densities. The South America Equatorial hydroregion is one of the least populated ones in the world with only 10.9 p km^{-2} (Magdalena, Orinoco and Amazon basins). The African one is twice lower than the world's average (24.1 p km^{-2} compared to 49.6 p km^{-2}) and the Asian one is three times higher (141.2 p km^{-2}) with peaks exceeding 900 p km^{-2} in Java. Due to the very high runoff in this belt, the relative pressure indicator is limited in South-Asia (28.3), very low in South America (2.85) and low in Africa (14.6), comparable to those of the Boreal regions.

Human impacts are limited to major cities, alleviated by a maximum dilution of their waste waters by large rivers (e.g. Manaus on the Rio Negro, Kinshasa on the Congo river). Based on the population criteria only, these rivers can be considered as in a sub-pristine state, but mining areas can have a marked local impact as in New Guinea or in the Congo basin. The occurrence of reservoirs in the Orinoco, Amazon and Congo rivers, for the energy supply of cities or industries, sometimes located in other basins, is still limited to few tributaries although this issue evolves rapidly. Deforestation is probably the major present threat on Equatorial regions, already affecting many basins in Southeast Asia, in Sumatra and Borneo, and in some parts of the Congo and of the Amazon basins (e.g. Rondonia).

The Southern Subtropical regions have limited population densities in South America (33.4 p km^{-2}) and in Africa (31.6 p km^{-2}), in contrast to North Australia where it reaches the world's minimum (0.7 p km^{-2}), similar to the North American Boreal region). The relative pressure is extremely low in Australia (1.24) and medium in South America (40) and in Africa (34.7), i.e. two to three times lower than in the Northern Subtropics. Deforestation and land use change and reservoir impacts (Parana, Zambezi) are among the issues reported in this region.

The Southern Dry regions have much lower population densities than their northern analogues: 12.1 p km^{-2} in South America, 7.4 p km^{-2} in Africa, and only 0.8 p km^{-2} for Australia. The relative pressure is medium for South America (30) and for Australia (37) and very high in Southern Africa (115) where past and present mining is a key issue for water quality.

The Southern Mid-Latitude regions have a limited extent, from 0.4 to 1.9 M km^2. They have low (12.7 p km^{-2} in Australia) to medium densities (39.1 for South America and 48.3 p km^{-2} for Africa). The relative pressure in African SML is very high (241), a figure only found in the Northern Dry regions; in South America and in Australia it is at levels comparable to other Southern regions, 23.6 and 18.9 respectively. In these hydroregions human impacts are very variable: few South Chile rivers are probably the most pristine rivers of both North and South temperate zones, but some are under threat as of hydropower dams are constructed for far away mining areas. In contrast, the salinization issue in the Murray–Darling basin, due to complex natural causes and water use for agriculture, is observed since several decades (Chartres *et al.*, 2003). Both examples illustrate that population cannot be the only indicator of human pressure on river quality.

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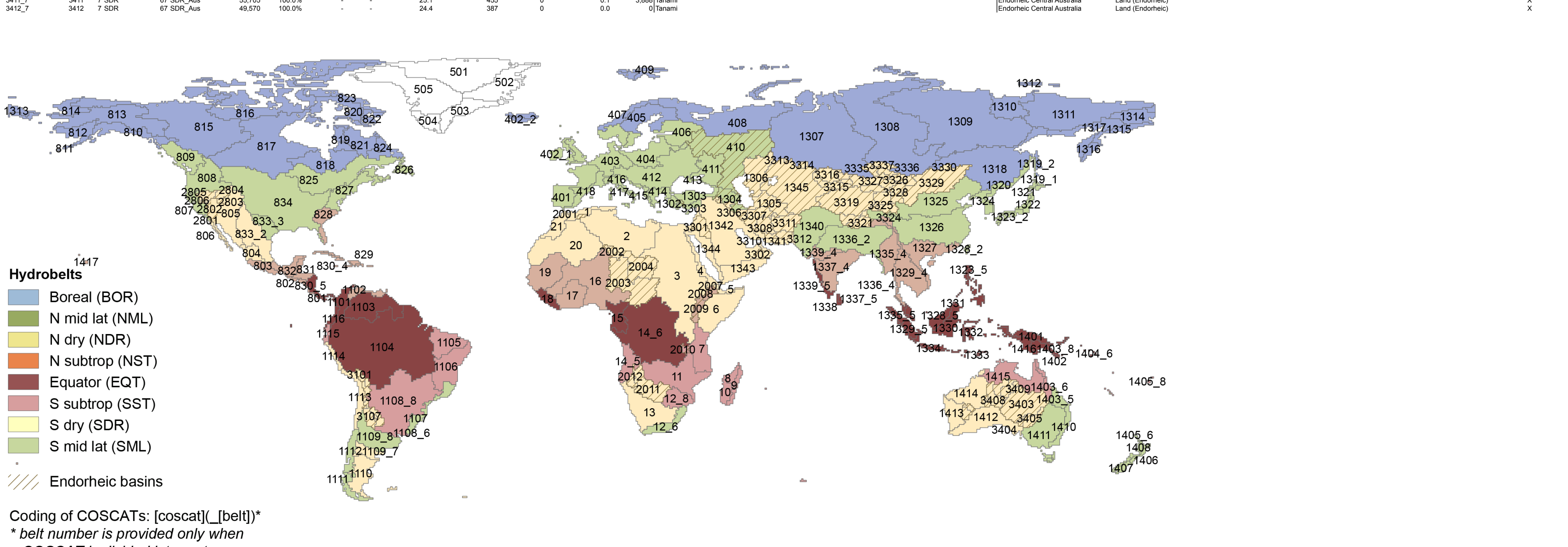
SUPPLEMENT: COSCAT LIST

coscat_belt	Coscat	Belt	Belt	Hydroregion	Hydroregion	Area [km2]	Endorheic[1]	Permafrost	Glacier	Temperature [°C]	Precipitation [mm]	Runoff (mm)	Population density	Population	Major rivers	Receiving sea	Ocean basin	Remarks[1]	Unpublished COSCAT
1_3	1	3	NDR	43	NDR_Afr	255,465	-	-	-	14.9	462	86	122.8	31,360,766	Moulouya, Cheliff, Medjerda	Mediterranean Sea	Mediterranean Sea		
2_3	2	3	NDR	43	NDR_Afr	2,259,983	-	-	-	20.6	55	0	11.0	24,883,404	Irharhar, Araye	Mediterranean Sea	Mediterranean Sea		
3_3	3	3	NDR	43	NDR_Afr	4,500,618	-	-	-	23.9	454	71	48.5	218,170,582	Nile, Qattara	Mediterranean Sea	Mediterranean Sea		
4_3	4	3	NDR	43	NDR_Afr	331,544	-	-	-	24.6	201	14	24.5	8,126,126	no important rivers	Red Sea	Indian Ocean		
5_3	5	3	NDR	43	NDR_Afr	97,463	-	-	-	24.1	185	0	17.6	1,714,046	no important rivers	West Indian Ocean	Indian Ocean		
6_3	6	3	NDR	43	NDR_Afr	1,347,196	-	-	-	24.7	408	14	20.9	28,152,005	Jubba, Tana (Kenya)	West Indian Ocean	Indian Ocean		
7_6	7	6	SST	46	SST_Afr	846,942	-	-	-	22.3	971	189	40.4	34,218,516	Rufiji, Roviuna, Galana, Pangani, Lurio, Wami	West Indian Ocean	Indian Ocean		
8_6	8	6	SST	46	SST_Afr	166,331	-	-	-	23.3	1,523	687	30.0	4,994,775	Ikopa, Sofia	West Indian Ocean	Indian Ocean		
9_6	9	6	SST	46	SST_Afr	184,007	-	-	-	20.8	1,792	1,027	46.2	8,498,040	Mandrare	West Indian Ocean	Indian Ocean		
10_6	10	6	SST	46	SST_Afr	236,344	-	-	-	22.3	1,010	294	20.2	4,765,778	Mangoky, Tsiribihina, Onilahy	West Indian Ocean	Indian Ocean		
11_6	11	6	SST	46	SST_Afr	1,732,822	-	-	-	21.0	953	231	27.3	47,222,613	Zambezi, Save, Pungoe, Licungo, Buzi	West Indian Ocean	Indian Ocean		
12_6	12	6	SST	46	SST_Afr	485,795	-	-	-	20.1	572	34	47.2	22,930,102	Limpopo, Incomati	West Indian Ocean	Indian Ocean	COSCAT split to two	
12_8	12	8	SML	48	SML_Afr	387,096	-	-	-	15.9	616	56	48.3	18,706,074	Gourits, Gamtoos, Great Fish, Great Kei	West Indian Ocean	Indian Ocean	COSCAT split to two	
13_7	13	7	SDR	47	SDR_Afr	1,292,169	-	-	-	17.2	304	9	10.4	13,418,724	Orange, Olifants	South East Atlantic Ocean	Atlantic Ocean		
14_5	14	5	EQT	45	EQT_Afr	3,842,884	-	-	-	23.0	1,529	349	20.3	77,841,406	Zaire, Kouilou	South East Atlantic Ocean	Atlantic Ocean	COSCAT split to two	
14_6	14	6	SST	46	SST_Afr	510,641	-	-	-	20.8	871	214	18.4	9,415,162	Cuanza, Cunene	South East Atlantic Ocean	Atlantic Ocean	COSCAT split to two	
15_5	15	5	EQT	45	EQT_Afr	522,378	-	-	-	23.5	1,926	798	40.7	21,234,868	Ogooue, Sanaga, Cross, Ntem, Nyong	South East Atlantic Ocean	Atlantic Ocean	Technically, 15-17 are in N hemisphere, but receiving sea basin is S Atlantic	
16_4	16	4	NST	44	NST_Afr	2,463,031	-	-	-	26.5	701	172	58.9	145,095,460	Niger, Oueme	South East Atlantic Ocean	Atlantic Ocean		
17_4	17	4	NST	44	NST_Afr	773,542	-	-	-	26.2	1,162	178	73.8	57,124,856	Volta, Bandama, Comoe, Sassandra, Pra	South East Atlantic Ocean	Atlantic Ocean		
18_5	18	5	EQT	45	EQT_Afr	254,569	-	-	-	25.0	2,537	1,448	47.8	12,176,287	Cavally	North East Atlantic Ocean	Atlantic Ocean		
19_4	19	4	NST	44	NST_Afr	1,098,727	-	-	-	27.4	488	112	16.2	17,810,113	Senegal, Gambia	North East Atlantic Ocean	Atlantic Ocean		
20_3	20	3	NDR	43	NDR_Afr	2,170,829	-	-	-	24.7	34	0	1.7	3,694,737	Tamanrasett	North East Atlantic Ocean	Atlantic Ocean		
21_3	21	3	NDR	43	NDR_Afr	362,182	-	-	-	17.8	271	26	60.5	21,898,374	Sebou, Oum Er Rbia, Tensift, Sous	North East Atlantic Ocean	Atlantic Ocean		
401_2	401	2	NML	32	NML_Eur	795,405	-	0.2%	1.3%	11.5	736	275	98.7	78,485,147	Loire, Douro, Seine, Tejo, Guadiana, Garonne, Guadalquivir, Dordogne	North East Atlantic Ocean	Atlantic Ocean		
402_1	402	1	POL	31	POL_Eur	30,636	-	15.2%	100.0%	1.6	1,208	1,244	5.2	158,399	Thjorsa, Olfusa	North East Atlantic Ocean	Atlantic Ocean	COSCAT split to two	
402_2	402	2	NML	32	NML_Eur	161,986	-	-	82.2%	7.9	1,153	801	132.3	21,427,268	Severn, Shannon	North East Atlantic Ocean	Atlantic Ocean	COSCAT split to two	
403_2	403	2	NML	32	NML_Eur	851,232	-	7.5%	64.8%	6.5	819	404	199.4	169,767,968	Rhine, Elbe, Gota, Glama, Weser, Meuse, Thames	North Sea	Atlantic Ocean		
404_2	404	2	NML	32	NML_Eur	695,910	-	-	78.5%	6.1	622	213	86.5	60,209,133	Wisla, Odra, Nemanus, Daugava	Baltic Sea	Atlantic Ocean		
405_1	405	1	POL	31	POL_Eur	482,335	-	23.0%	100.0%	0.1	588	290	8.0	3,873,545	Kemijoki, Tornionjoki, Amgerman, Dalalven	Baltic Sea	Atlantic Ocean		
406_2	406	2	NML	32	NML_Eur	440,531	-	-	100.0%	2.7	636	275	35.7	15,723,943	Neva, Narva, Kymijoki, Luga	Baltic Sea	Atlantic Ocean		
407_1	407	1	POL	31	POL_Eur	205,932	-	66.7%	100.0%	0.2	1,112	817	7.5	1,549,645	Trondheims Fjord	Norwegian Basin	Arctic Ocean		
408_1	408	1	POL	31	POL_Eur	1,306,914	-	26.7%	64.3%	-2.0	542	314	3.2	4,191,987	Dvina, Pechora, Mezen, Onega	Barents Sea	Arctic Ocean		
409_1	409	1	POL	31	POL_Eur	1,102	-	56.5%	100.0%	-8.4	301	287	0.0	0	no important rivers	Arctic Open Ocean	Arctic Ocean		
410_2	410	2	NML	32	NML_Eur	1,778,051	100.0%	0.6%	16.9%	3.8	529	172	41.0	72,921,631	Volga, Kuma, Terek, Sulak	Caspian Sea	Land (Endorheic)		
411_2	411	2	NML	32	NML_Eur	573,020	-	0.0%	0.1%	7.3	534	91	55.4	31,765,057	Don, Kuban	Black Sea + Azov	Mediterranean Sea		
412_2	412	2	NML	32	NML_Eur	1,513,459	-	1.8%	6.4%	7.5	668	184	89.1	134,905,821	Danube, Dnepr, Dnestr, Bug	Black Sea + Azov	Mediterranean Sea		
413_2	413	2	NML	32	NML_Eur	10,962	-	-	-	11.0	635	196	118.4	1,298,107	no important rivers	Black Sea + Azov	Mediterranean Sea		
414_2	414	2	NML	32	NML_Eur	213,937	-	-	-	11.6	631	207	85.4	18,262,498	Evros, Strymon, Axios	Mediterranean Sea	Mediterranean Sea		
415_2	415	2	NML	32	NML_Eur	67,667	-	-	-	13.7	745	428	112.6	7,617,580	no important rivers	Mediterranean Sea	Mediterranean Sea		
416_2	416	2	NML	32	NML_Eur	256,306	-	13.6%	21.3%	9.6	982	662	171.5	43,967,345	Po	Mediterranean Sea	Mediterranean Sea		
417_2	417	2	NML	32	NML_Eur	58,276	-	-	-	13.0	731	393	169.3	9,866,548	no important rivers	Mediterranean Sea	Mediterranean Sea		
418_2	418	2	NML	32	NML_Eur	343,449	-	6.9%	11.4%	11.1	724	279	103.9	35,670,096	Rhone, Ebro, Segura, Jucar	Mediterranean Sea	Mediterranean Sea		
801_5	801	5	EQT	25	EQT_Sam	36,773	-	-	-	24.8	2,651	1,553	84.8	3,118,399	no important rivers	North East Pacific Ocean	Pacific Ocean		
802_4	802	4	NST	14	NST_Nam	96,414	-	-	-	23.4	1,933	1,109	148.9	14,360,088	no important rivers	North East Pacific Ocean	Pacific Ocean		
803_4	803	4	NST	14	NST_Nam	238,341	-	-	-	21.0	1,066	254	133.6	31,850,254	Balsas	North East Pacific Ocean	Pacific Ocean		
804_3	804	3	NDR	13	NDR_Nam	269,249	-	-	-	17.7	746	90	72.7	19,573,705	Grande de Santiago	North East Pacific Ocean	Pacific Ocean		
805_3	805	3	NDR	13	NDR_Nam	1,038,731	-	2.4%	4.0%	13.5	366	20	12.1	12,564,680	Colorado (Arizona), Fuerte	California Gulf	Pacific Ocean		
806_3	806	3	NDR	13	NDR_Nam	62,551	-	-	-	18.2	197	0	12.4	775,084	no important rivers	North East Pacific Ocean	Pacific Ocean		
807_2	807	2	NML	12	NML_Nam	245,171	-	2.0%	8.2%	12.1	599	195	96.3	23,621,386	San Joaquin, Sacramento	North East Pacific Ocean	Pacific Ocean		
808_2	808	2	NML	12	NML_Nam	836,069	-	12.6%	29.0%	5.2	701	390	10.7	8,949,026	Columbia, Klamath, Eel	North East Pacific Ocean	Pacific Ocean		
809_2	809	2	NML	12	NML_Nam	483,728	-	35.1%	98.8%	2.4	1,065	872	17.7	8,546,800	Fraser, Skeena, Nass, Skagit	North Cascadia Basin	Pacific Ocean		
810_1	810	1	POL	11	POL_Nam	313,405	-	73.9%	95.4%	-2.3	828	980	2.0	618,870	Copper, Stikine, Alsek, Taku	North East Pacific Ocean	Pacific Ocean		
811_1	811	1	POL	11	POL_Nam	11,930	-	25.2%	100.0%	1.2	883	2,055	0.0	0	no important rivers	North East Pacific Ocean	Pacific Ocean		
812_1	812	1	POL	11	POL_Nam	269,124	-	86.9%	27.7%	-2.0	561	620	0.1	21,595	Kuskowin, Nushagak	Bering Sea	Pacific Ocean		
813_1	813	1	POL	11	POL_Nam	908,963	-	98.0%	32.3%	-7.0	326	238	0.1	133,635	Yukon, Kuzitrin, Koyuk	Bering Sea	Pacific Ocean		
814_1	814	1	POL	11	POL_Nam	153,482	-	88.3%	9.9%	-9.4	241	122	0.1	14,420	Kobuk, Noatak	Chukchi Sea	Arctic Ocean		
815_1	815	1	POL	11	POL_Nam	2,252,218	-	88.0%	91.4%	-6.8	349	135	0.2	430,175	Mackenzie, Peel, Colville, Anderson	Arctic Open Ocean	Arctic Ocean		
816_1	816	1	POL	11	POL_Nam	985,964	-	98.7%	100.0%	-16.0	156	54	0.0	10,303	Back, Coppermine, Burnside, Hayes (Arctic), Ellice	Canadian Archipelago	Arctic Ocean		
817_1	817	1	POL	11	POL_Nam	2,377,465	-	56.1%	100.0%	-3.6	441	104	2.5	5,898,715	Nelson, Churchill (Hudson Bay), Baker, Severn	Hudson, Ungava, Foxe Basin	Atlantic Ocean		
818_1	818	1	POL	11	POL_Nam	726,674	-	54.4%	100.0%	-2.1	765	397	0.3	243,490	Albany, Moose, La Grande, Nottaway	Hudson, Ungava, Foxe Basin	Atlantic Ocean		
819_1	819	1	POL	11	POL_Nam	187,278	-	100.0%	100.0%	-7.3	518	332	0.0	2,782	Grande Riviere Baleine, Povuntnituk, Petite Riviere Baleine, Innuksuac, Kogaluc, Nastapoca	Hudson, Ungava, Foxe Basin	Atlantic Ocean		
820_1	820	1	POL	11	POL_Nam	251,069	-	100.0%	100.0%	-13.1	260	135	0.0	597	Koukdjuak, McBeth, Piling Bay, Ajaqutalik	Hudson, Ungava, Foxe Basin	Arctic Ocean		
821_1	821	1	POL	11	POL_Nam	432,348	-	100.0%	100.0%	-7.2	570	440	0.0	14,699	Koksoak, Aux Feuilles, George, Arnaud	Hudson, Ungava, Foxe Basin	Atlantic Ocean		
822_1	822	1	POL	11	POL_Nam	76,579	-	100.0%	100.0%	-11.5	419	246	0.0	46	McKeand	North West Atlantic Ocean	Atlantic Ocean		
823_1	823	1	POL	11	POL_Nam	179,765	-	98.5%	99.7%	-16.3	217	74	0.0	302	no important rivers	Baffin Bay	Arctic Ocean		
824_1	824	1	POL	11	POL_Nam	256,240	-	99.8%	100.0%	-4.3	873	607	0.1	34,215	Churchill (Atlantic)	North West Atlantic Ocean	Atlantic Ocean		
825_2	825	2	NML	12	NML_Nam	1,409,634	-	12.5%	99.8%	2.6	944	448	53.6	75,618,173	Saint Lawrence, Saguenay, Petit Mecatina	Saint Lawrence Gulf	Atlantic Ocean		
826_2	826	2	NML	12	NML_Nam	93,696	-	6.9%	99.8%	2.7	1,250	894	3.3	312,575	no important rivers	North West Atlantic Ocean	Atlantic Ocean		
827_2	827	2	NML	12	NML_Nam	561,208	-	-	57.9%	7.6	1,109	563	134.4	75,434,452	Susquehanna, Saint John, Hudson, Potomac, Roanoke, Connecticut, James, Delaware, Penobscot, Merrimack	North West Atlantic Ocean	Atlantic Ocean		
828_4	828	4	NST	14	NST_Nam	422,422	-	-	-	18.3	1,284	269	114.4	48,319,360	Altamaha, Santee, Savannah	North West Atlantic Ocean	Atlantic Ocean		
829_4	829	4	NST	14	NST_Nam	14,683	-	-	-	22.6	1,404	297	362.1	5,316,373	no important rivers	Colombia-Venezuelian Basin	Atlantic Ocean		
830_4	830	4	NST	14	NST_Nam	11,767	-	-	-	23.1	1,687	502	273.8	3,221,485	no important rivers	Colombia-Venezuelian Basin	Atlantic Ocean	COSCAT split to two	
830_5	830	5	EQT	25	EQT_Sam	187,702	-	-	-	23.9	2,567	1,361	44.3	8,319,128	San Juan, Grande-Matagalpa, Coco	Colombia-Venezuelian Basin	Atlantic Ocean	COSCAT split to two	
831_4	831	4	NST	14	NST_Nam	277,185	-	-	-	23.5	1,591	517	92.6	25,666,689	Patuca, Ulua, Motagua	Yucatan-Cayman Basin	Atlantic Ocean		
832_4	832	4	NST	14	NST_Nam	326,552	-	-	-	23.2	1,742	615	62.8	20,521,524	Usumacinta, Grijalva, Papaloapan	Gulf of Mexico	Atlantic Ocean		
833_2	833	2	NML	12	NML_Nam	358,167	-	-	-	17.9	683	34	23.5	8,407,727	Brazos, Colorado (Texas), Nueces, Guadalupe	Gulf of Mexico	Atlantic Ocean	COSCAT split to two	
833_3	833	3	NDR	13	NDR_Nam	1,035,268	-	1.0%	0.9%	16.6	473	46	31.8	32,890,437	Rio Grande (US), Panuco	Gulf of Mexico	Atlantic Ocean	COSCAT split to two	
834_2	834	2	NML	12	NML_Nam	3,679,295	-	0.8%	22.4%	10.4	853	219	28.1	103,440,446	Mississippi, Alabama, Appalachicola, Trinity, Sabine, Suwannee, Pearl, Neches	Gulf of Mexico	Atlantic Ocean		
1101_5	1101	5	EQT	25	EQT_Sam	353,245	-	-	-	22.3	2,178	865	93.7	33,082,186	Magdalena, Atrato	Colombia-Venezuelian Basin	Atlantic Ocean		
1102_4	1102	4	NST	14	NST_Nam	235,031	-	-	-	24.7	1,275	297	89.1	20,939,264	no important rivers	Colombia-Venezuelian Basin	Atlantic Ocean		
1103_5	1103	5	EQT	25	EQT_Sam	1,353,075	-	-	-	25.1	2,286	1,033	8.3	11,232,302	Orinoco, Essequibo, Corantijn, Mazaruni	North West Atlantic Ocean	Atlantic Ocean		
1104_5	1104	5	EQT	25	EQT_Sam	7,116,223	-	-	-	24.1	2,113	1,058	5.0	35,448,596	Amazon, Tocantins, Maroni, Araguari, Oyapok, Suriname	North West Atlantic Ocean	Atlantic Ocean		
1105_6	1105	6	SST	26	SST_Sam	788,477	-	-	-	25.4	1,174	261	20.3	15,971,931	Parnaiba, Mearim, Gurupi	South West Atlantic Ocean	Atlantic Ocean		
1106_6	1106	6	SST	26	SST_Sam	1,098,089	-	-	-	22.4	938	175	35.2	38,640,411	Sao Francisco, Jequitinhonha	South West Atlantic Ocean	Atlantic Ocean		
1107_8	1107	8	SML	28	SML_Sam	439,179	-	-	-	18.8	1,432	579	105.9	46,491,506	Doce, Jacui, Paraiba do Sul	South West Atlantic Ocean	Atlantic Ocean		
1108_6	1108	6	SST	26	SST_Sam	3,071,904	-	-	1.2%	20.2	1,185	247	34.4	105,669,484	Parana, Urugay	South West Atlantic Ocean	Atlantic Ocean	COSCAT split to two	
1108_8	1108	8	SML	28	SML_Sam	5,180	-	-	-	16.6	1,190	451	79.9	413,668	no important rivers	South West Atlantic Ocean	Atlantic Ocean	COSCAT split to two	
1109_7	1109	7	SDR	27	SDR_Sam	242,006	-	-	34.7%	11.4	298	114	5.1	1,232,763	Negro Arg	South West Atlantic Ocean	Atlantic Ocean	COSCAT split to two	
1109_8	1109	8	SML	28	SML_Sam	792,544	-	-	8.2%	13.0	507	44	7.5	5,951,652	Colorado (Argentina), Salado	South West Atlantic Ocean	Atlantic Ocean	COSCAT split to two	
1110_7	1110	7	SDR	27	SDR_Sam	518,720	-	-	42.9%	7.7	260	181	1.6	825,922	Chubut, Deseado, Santa Cruz	South West Atlantic Ocean	Atlantic Ocean		
1111_8	1111	8	SML	28	SML_Sam	176,100	-	-	99.7%	4.7	1,689	803	2.0	354,472	Baker (Chile)	Chile Trench	Pacific Ocean		
1112_8	1112	8	SML	28	SML_Sam	282,501	-	-	55.4%	8.6	1,467	1,243	46.2	13,049,998	Bio Bio, Maipo, Rappel, Itata, Maule	South East Pacific Ocean	Pacific Ocean		
1113_7	1113	7	SDR	27	SDR_Sam	398,306	-	-	5.6%	10.3	135	39	11.8	4,713,335	no important rivers	South East Pacific Ocean	Pacific Ocean		
1114_7	1114	7	SDR	27	SDR_Sam	137,144	-	-	-	13.3	345	105	44.7	6,132,503	Santa	South East Pacific Ocean	Pacific Ocean		
1115_6	1115	6	SST	26	SST_Sam	95,877	-	-	-	21.8	1,002	324	87.6	8,399,237	Guayas	South East Pacific Ocean	Pacific Ocean		
1116_5	1116	5	EQT	25	EQT_Sam	136,055	-	-	-	21.6	3,380	1,986	63.1	8,591,026	no important rivers	North East Pacific Ocean	Pacific Ocean		
1301_2	1301	2	NML	32	NML_Eur	128,217	-	-	-	11.6	604	286	96.9	12,422,830	Ceyhan, Seyhan, Aksu	Mediterranean Sea	Mediterranean Sea	COSCAT split to two	
1301_3	1301	3	NDR	53a	NDR_Asi(MdE)	77,830	-	-	-	16.6	433	215	191.9	14,933,701	Asi	Mediterranean Sea	Mediterranean Sea	COSCAT split to two	
1302_2	1302	2	NML	32	NML_Eur	92,318	-	-	-	12.7	711	208	111.9	10,326,536	Buyuk Menderes, Gediz, Simav	Mediterranean Sea	Mediterranean Sea		
1303_2	1303	2	NML	32	NML_Eur	321,308	-	0.3%	0.0%	8.8	603	263	90.4	29,035,792	Kizil Irmak, Sakarya, Yesil, Coroch	Black Sea + Azov	Mediterranean Sea		
1304_2	1304	2	NML	32	NML_Eur	316,027	100.0%	3.7%	5.4%	8.6	515	177	72.2	22,818,994	Kura, Safid Rud	Caspian Sea	Land (Endorheic)		
1305_3	1305	3	NDR	53b	NDR_Asi(CAs)	480,181	100.0%	-	8.1%	13.6	223	36	29.7	14,283,854	Atrek, Tedzhen, Uzboy	Caspian Sea	Land (Endorheic)		
1306_3	1306	3	NDR	53b	NDR_Asi(CAs)	634,822	100.0%	-	-	7.2	217	23	6.7	4,246,098	Ural, Emba	Caspian Sea	Land (Endorheic)		
1307_1	1307	1	POL	51a	POL_Asi(WSb)	3,615,775	-	40.4%	9.6%	-2.1	435	168	8.1	29,253,191	Ob, Taz, Pur, Nadym	Kara Sea	Arctic Ocean		
1308_1	1308	1	POL	51a	POL_Asi(WSb)	2,955,894	-	94.2%	40.6%	-7.1	427	238	2.9	8,677,479	Yenisei, Pyasina, Taymyra, Lenivaya	Kara Sea	Arctic Ocean		
1309_1	1309	1	POL	51b	POL_Asi(ESb)	3,256,929	-	98.9%	28.1%	-11.5	362	183	0.3	963,506	Lena, Khatanga, Olenek, Anabar	Laptev Sea	Arctic Ocean		
1310_1	1310	1	POL	51b	POL_Asi(ESb)	350,297	-	96.3%	51.5%	-17.3	258	97	0.1	21,502	Yana, Omoloy, Sellyakh	Laptev Sea	Arctic Ocean		
1311_1	1311	1	POL	51b	POL_Asi(ESb)	1,314,741	-	96.2%	49.6%	-14.8	256	144	0.1	110,136	Kolyma, Indigirka, Alazeya, Pegtymel, Khroma	East Siberian Sea	Arctic Ocean		
1312_1	1312	1	POL	51b	POL_Asi(ESb)	15,250	-	45.5%	19.3%	-16.7	134	130	0.0	263	no important rivers	Arctic Open Ocean	Arctic Ocean		
1313_1	1313	1	POL	51b	POL_Asi(ESb)	89,660	-	71.7%	67.3%	-11.0	364	302	0.0	4,018	Rekuul, Amguema	Chukchi Sea	Arctic Ocean		
1314_1	1314	1	POL	51b	POL_Asi(ESb)	287,125	-	93.9%	58.5%	-10.5	352	281	0.3	94,465	Anadyr	Bering Sea	Pacific Ocean		
1315_1	1315	1	POL	51b	POL_Asi(ESb)	161,488	-	89.9%	100.0%	-6.6	521	407	0.1	15,916	no important rivers	North West Pacific Ocean	Pacific Ocean		
1316_1	1316	1	POL	51b	POL_Asi(ESb)	107,570	-	86.5%	93.6%	-2.8	859	615	4.1	438,464	Kamchatka	North West Pacific Ocean	Pacific Ocean		
1317_1	1317	1	POL	51b	POL_Asi(ESb)	401,256	-	94.1%	54.5%	-7.6	501	329	0.5	208,281	Penzhina, Gizhiga	Okhotsk Sea	Pacific Ocean		
1318_1	1318	1	POL	51b	POL_Asi(ESb)	1,982,915	-	63.4%	16.3%	-2.9	569	218	33.2	65,825,627	Amur, Uda, Tugur	Okhotsk Sea	Pacific Ocean		
1319_1	1319	1	POL	51b	POL_Asi(ESb)	46,949	-	7.3%	-	-1.4	754	472	11.4	533,368	no important rivers	Okhotsk Sea	Pacific Ocean	COSCAT split to two	
1319_2	1319	2	NML	52	NML_Asi	17,773	-	5.9%	-	3.9	1,116	603	13.7	243,696	no important rivers	Okhotsk Sea	Pacific Ocean	COSCAT split to two	
1320_2	1320	2	NML	52	NML_Asi	252,975	-	4.6%	13.9%	1.7	838	379	54.5	13,792,485	no important rivers	Japan Sea	Pacific Ocean		
1321_2	1321	2	NML	52	NML_Asi	140,721	-	1.3%	-	7.5	1,543	1,144	167.6	23,583,586	Shinano, Ishikari Gawa, Agano, Omono	Japan Sea	Pacific Ocean		
1322_2	1322	2	NML	52	NML_Asi	112,454	-	0.6%	-	8.5	1,409	838	438.5	49,309,405	Tone, Kitakami, Tokachi	North West Pacific Ocean	Pacific Ocean		
1323_2	1323	2	NML	52	NML_Asi	111,408	-	-	-	13.2	2,097	1,354	405.8	45,208,219	no important rivers	North West Pacific Ocean	Pacific Ocean	COSCAT split to two	
1323_5	1323	5	EQT	55	EQT_Asi	69,052	-	-	-	24.6	2,673	1,304	273.6	18,892,654	Cagayan	North West Pacific Ocean	Pacific Ocean	COSCAT split to two	
1324_2	1324	2	NML	52	NML_Asi	206,362	-	-	14.1%	8.1	1,206	586	321.6	66,356,587	Yalu, Nag Dong, Han	Pohai, Yellow	Pacific Ocean		
1325_2	1325	2	NML	52	NML_Asi	1,557,850	-	6.0%	3.1%	6.0	475	45	213.9	333,172,558	Huang He, Liao, Hai Ho, Luan	Pohai, Yellow	Pacific Ocean		
1326_2	1326	2	NML	52	NML_Asi	2,282,346	-	8.3%	7.0%	11.5	1,068	482	303.9	693,558,987	Chang Jiang, Huai, Fuchun Jiang, Menjiang	Pohai, Yellow	Pacific Ocean		
1327_4	1327	4	NST	54	NST_Asi	922,493	-	-	-	19.5	1,530	640	256.9	236,980,249	Zhujiang, Hong, Dongjiang	SouthChina Sea	Pacific Ocean		
1328_2	1328	2	NML	52	NML_Asi	14,209	-	-	-	19.5	2,339	1,592	402.2	5,714,255	no important rivers	SouthChina Sea	Pacific Ocean	COSCAT split to two	
1328_5	1328	5	EQT	55	EQT_Asi	317,051	-	-	-	24.9	3,238	1,941	144.2	45,707,723	Kapuas, Rajang	SouthChina Sea	Pacific Ocean	COSCAT split to two	
1329_4	1329	4	NST	54	NST_Asi	1,175,068	-	6.7%	7.4%	22.3	1,555	608	101.0	118,690,433	Mekong, Chao Phraya	SouthChina Sea	Pacific Ocean	COSCAT split to two	
1329_5	1329	5	EQT	55	EQT_Asi	290,869	-	-	-	25.4	2,578	1,228	80.1	23,305,823	Pahang, Inderagiri, Hari	SouthChina Sea	Pacific Ocean	COSCAT split to two	
1330_5	1330	5	EQT	55	EQT_Asi	516,227	-	-	-	24.7	2,641	1,292	246.7	127,339,508	Barito, Mahakam	Sunda-Sulu-Banda	Pacific Ocean		
1331_5	1331	5	EQT	55	EQT_Asi	310,591	-	-	-	24.3	2,580	1,370	123.1	38,219,247	Mindanao	Sunda-Sulu-Banda	Pacific Ocean		
1332_5	1332	5	EQT	55	EQT_Asi	166,821	-	-	-	23.8	2,040	918	58.9	9,827,902	no important rivers	Sunda-Sulu-Banda	Pacific Ocean		
1333_5	1333	5	EQT	55	EQT_Asi	12,227	-	-	-	23.2	1,601	559	78.7	962,797	no important rivers	Carpentaria-Arafura-Timor	Indian Ocean		
1334_5	1334	5	EQT	55	EQT_Asi	153,877	-	-	-	23.3	2,587	1,411	295.8	45,510,774	no important rivers	East Indian Ocean	Indian Ocean		
1335_4	1335	4	NST	54	NST_Asi	800,013	-	12.6%	11.5%	18.0	1,638	1,116	65.8	52,615,664	Irrawaddy, Salween, Sittang	Andaman Sea	Indian Ocean	COSCAT split to two	
1335_5	1335	5	EQT	55	EQT_Asi	148,418	-	-	-	24.3	2,505	1,153	162.3	24,087,157	Perak	Andaman Sea	Indian Ocean	COSCAT split to two	
1336_2	1336	2	NML	52	NML_Asi	1,812,729	-	15.8%	26.6%	17.4	1,295	819	401.7	728,159,601	Ganges, Damodar, Kaladan	East Indian Ocean	Indian Ocean	COSCAT split to two	
1336_4	1336	4	NST	54	NST_Asi	3,021	-	-	-	25.9	2,991	1,498	36.8	111,050	no important rivers	East Indian Ocean	Indian Ocean	COSCAT split to two	
1337_4	1337	4	NST	54	NST_Asi	1,082,905	-	-	-	25.6	1,058	265	311.8	337,659,780	Godavari, Krishna, Mahanadi, Cauweri, Brahmani	East Indian Ocean	Indian Ocean	COSCAT split to two	
1337_5	1337	5	EQT	55	EQT_Asi	24,552	-	-	-	25.7	1,823	814	178.2	4,375,828	no important rivers	East Indian Ocean	Indian Ocean	COSCAT split to two	
1338_5	1338	5	EQT	55	EQT_Asi	122,193	-	-	-	25.8	1,922	695	468.4	57,230,403	Ponnani, Payaswani, Kalinadi	East Indian Ocean	Indian Ocean		
1339_4	1339	4	NST	54	NST_Asi	257,956	-	-	-	25.3	965	305	294.5	75,976,200	Narmada, Tapti, Mahi, Rabarmati	West Indian Ocean	Indian Ocean	COSCAT split to two	
1339_5	1339	5	EQT	55	EQT_Asi	71,338	-	-	-	24.8	2,814	1,258	340.4	24,283,039	no important rivers	West Indian Ocean	Indian Ocean	COSCAT split to two	
1340_2	1340	2	NML	52	NML_Asi	1,390,976	-	15.2%	27.4%	16.4	382	115	186.2	258,998,109	Indus	West Indian Ocean	Indian Ocean		
1341_3	1341	3	NDR	53a	NDR_Asi(MdE)	254,394	-	-	-	22.3	142	2	15.8	4,018,988	no important rivers	West Indian Ocean	Indian Ocean		
1342_3	1342	3	NDR	53a	NDR_Asi(MdE)	2,458,168	-	-	-	21.6	185	49	30.3	74,385,386	Shatt el Arab, Dawasir	Persian Gulf	Indian Ocean		
1343_3	1343	3	NDR	53a	NDR_Asi(MdE)	780,283	-	-	-	23.6	83	2	18.7	14,616,843	Muqshin	West Indian Ocean	Indian Ocean		
1344_3	1344	3	NDR	53a	NDR_Asi(MdE)	441,676	-	-	-	23.1	98	0	45.9	20,258,633	no important rivers	Red Sea	Indian Ocean		
1345_3	1345	3	NDR	53b	NDR_Asi(CAs)	1,929,916	100.0%	5.1%	16.5%	7.6	267	69	28.0	53,958,733	Syr-Darya, Amu-Darya, Turgay	Aral Sea	Land (Endorheic)		
1401_5	1401	5	EQT	55	EQT_Asi	293,610	-	-	-	23.2	3,002	1,562	10.0	2,948,406	Mamberamo, Sepik, Ramu, Markham	South West Pacific Ocean	Pacific Ocean		
1402_5	1402	5	EQT	55	EQT_Asi	79,790	-	-	-	22.3	2,801	1,690	8.9	708,812	no important rivers	Salomon Sea	Pacific Ocean		
1403_5	1403	5	EQT	55	EQT_Asi	184,414	-	-	-	22.4	3,433	1,892	4.8	884,644	Fly, Kikori, Purari	Coral Sea	Pacific Ocean	COSCAT split to three	
1403_6	1403	6	SST	66	SST_Aus	213,903	-	-	-	22.7	1,002	249	1.8	376,584	Burdekin	Coral Sea	Pacific Ocean	COSCAT split to three	
1403_8	1403	8	SML	68	SML_Aus	226,713	-	-	-	20.3	763	71	1.1	240,476	Fitzroy East	Coral Sea	Pacific Ocean	COSCAT split to three	
1404_5	1404	5	EQT	55	EQT_Asi	9,189	-	-	-	24.9	3,212	949	18.0	165,171	no important rivers	South West Pacific Ocean	Pacific Ocean	COSCAT split to two	
1404_6	1404	6	SST	66	SST_Aus	5,917	-	-	-	23.5	2,484	1,329	22.7	134,191	no important rivers	South West Pacific Ocean	Pacific Ocean	COSCAT split to two	
1405_6	1405	6	SST	66	SST_Aus	17,456	-	-	-	21.7	2,144	1,327	15.1	263,293	no important rivers	South West Pacific Ocean	Pacific Ocean	COSCAT split to two	
1405_8	1405	8	SML	68	SML_Aus	24,606	-	-	-	12.5	1,786	936	18.6	457,576	no important rivers	South West Pacific Ocean	Pacific Ocean	COSCAT split to two	
1406_8	1406	8	SML	68	SML_Aus	58,627	-	-	0.1%	10.1	1,386	629	10.6	624,251	no important rivers	South West Pacific Ocean	Pacific Ocean		
1407_8	1407	8	SML	68	SML_Aus	72,397	-	-	23.2%	7.6	1,154	578	5.8	421,372	Clutha	South West Pacific Ocean	Pacific Ocean		
1408_8	1408	8	SML	68	SML_Aus	59,802	-	-	-	11.1	1,732	897	58.4	3,493,500	Waikato	Tasman Sea	Pacific Ocean		
1409_8	1409	8	SML	68	SML_Aus	35,686	-	-	42.5%	7.2	3,160	2,878	0.4	13,522	no important rivers	Tasman Sea	Pacific Ocean		
1410_8	1410	8	SML	68	SML_Aus	267,952	-	-	-	14.1	1,012	156	41.7	11,182,196	Hunter	Tasman Sea	Pacific Ocean		
1411_8	1411	8	SML	68	SML_Aus	1,179,381	-	-	-	16.4	543	39	6.8	7,979,768	Murray	East Indian Ocean	Indian Ocean		
1412_7	1412	7	SDR	67	SDR_Aus	1,037,311	-	-	-	17.6	268	7	0.4	438,427	no important rivers	East Indian Ocean	Indian Ocean		
1413_7	1413	7	SDR	67	SDR_Aus	472,813	-	-	-	20.0	308	20	6.8	3,205,326	Swan-Avon, Gasgoyne, Murchinson	East Indian Ocean	Indian Ocean		
1414_7	1414	7	SDR	67	SDR_Aus	901,428	-	-	-	24.8	363	11	0.1	97,174	Taymyr, Fitzroy West, Ashburton, Fortesque	East Indian Ocean	Indian Ocean		
1415_6	1415	6	SST	66	SST_Aus	1,077,072	-	-	-	25.6	861	114	0.1	83,814	Flinders, Roper, Victoria, Gilbert, Leichhardt	Carpentaria-Arafura-Timor	Indian Ocean		
1416_5	1416	5	EQT	55	EQT_Asi	252,828	-	-	-	24.3	3,065	1,429	9.5	2,392,760	no important rivers	Carpentaria-Arafura-Timor	Indian Ocean		
1417_4	1417	4	NST	14	NST_Nam	11,630	-	-	-	16.6	1,704	1,047	41.8	486,050	no important rivers	Central Pacific Ocean	Pacific Ocean		
2001_3	2001	3	NDR	43	NDR_Afr	28,304	100.0%	-	-	14.3	270	0	24.5	693,622	Atlas High Plateau	Endorheic North Africa	Land (Endorheic)	ALL ENDORHEIC are river names as far as possible, otherwise name of basin / depression / area	X
2002_3	2002	3	NDR	43	NDR_Afr	142,779	100.0%	-	-	23.9	12	0	0.1	19,107	Tenere	Endorheic North Africa	Land (Endorheic)		X
2003_3	2003	3	NDR	43	NDR_Afr	1,544,885	100.0%	-	-	26.1	554	69	27.1	41,911,799	North Chad, Batha, Shari/Logone	Endorheic North Africa	Land (Endorheic)		X
2004_3	2004	3	NDR	43	NDR_Afr	759,226	100.0%	-	-	25.8	63	2	1.1	821,095	Bodele	Endorheic North Africa	Land (Endorheic)		X
2007_3	2007	3	NDR	43	NDR_Afr	24,259	100.0%	-	-	27.0	186	0	10.1	244,964	Danakil	Endorheic East Africa	Land (Endorheic)		X
2008_4	2008	4	NST	44	NST_Afr	140,413	100.0%	-	-	21.1	715	204	128.9	18,092,512	Awash / Etiopia	Endorheic East Africa	Land (Endorheic)		X
2009_4	2009	4	NST	44	NST_Afr	228,241	100.0%	-	-	22.0	862	266	93.8	21,415,007	Turkana	Endorheic East Africa	Land (Endorheic)		X
2010_6	2010	6	SST	46	SST_Afr	67,508	100.0%	-	-	21.8	995	208	25.7	1,737,952	Ngomba (Chilwa)	Endorheic East Africa	Land (Endorheic)		X
2011_7	2011	7	SDR	47	SDR_Afr	754,861	100.0%	-	-	20.4	521	36	1.9	1,455,135	Okawango-Kalahari	Endorheic Southern Africa	Land (Endorheic)		X
2012_7	2012	7	SDR	47	SDR_Afr	103,137	100.0%	-	-	21.6	497	6	9.3	956,550	Etocha	Endorheic Southern Africa	Land (Endorheic)		X
2801_3	2801	3	NDR	13	NDR_Nam	31,073	100.0%	-	-	17.8	248	28	60.8	1,887,948	Salton Sea	Endorheic North America	Land (Endorheic)		X
2802_3	2802	3	NDR	13	NDR_Nam	92,763	100.0%	-	-	15.5	150	17	13.3	1,237,440	Death Valley	Endorheic North America	Land (Endorheic)		X
2803_3	2803	3	NDR	13	NDR_Nam	45,903	100.0%	-	2.3%	6.9	314	9	1.2	54,831	Sevier	Endorheic North America	Land (Endorheic)		X
2804_3	2804	3	NDR	13	NDR_Nam	107,646	100.0%	1.0%	9.7%	6.0	360	44	21.4	2,306,730	Great Salt Lake	Endorheic North America	Land (Endorheic)		X
2805_3	2805	3	NDR	13	NDR_Nam	141,763	100.0%	-	2.5%	7.3	290	27	4.3	615,533	Humboldt	Endorheic North America	Land (Endorheic)		X
2806_3	2806	3	NDR	13	NDR_Nam	9,715	100.0%	-	9.0%	6.2	293	17	1.0	9,600	NoName Endorheic North America	Endorheic North America	Land (Endorheic)		X
3101_7	3101	7	SDR	27	SDR_Sam	83,324	100.0%	-	-	5.3	628	442	41.3	3,442,091	Titicaca	Endorheic South America	Land (Endorheic)		X
3102_7	3102	7	SDR	27	SDR_Sam	72,582	100.0%	-	0.6%	6.0	144	29	1.1	81,285	Uyuni	Endorheic South America	Land (Endorheic)		X
3103_7	3103	7	SDR	27	SDR_Sam	35,286	100.0%	-	-	7.5	340	103	15.4	544,558	NoName Endorheic South America	Endorheic South America	Land (Endorheic)		X
3104_7	3104	7	SDR	27	SDR_Sam	11,374	100.0%	-	-	8.4	38	0	0.1	1,665	NoName Endorheic South America	Endorheic South America	Land (Endorheic)		X
3105_7	3105	7	SDR	27	SDR_Sam	28,086	100.0%	-	14.0%	5.1	61	141	0.0	466	NoName Endorheic South America	Endorheic South America	Land (Endorheic)		X
3106_7	3106	7	SDR	27	SDR_Sam	8,347	100.0%	-	50.3%	4.9	58	0	0.0	154	NoName Endorheic South America	Endorheic South America	Land (Endorheic)		X
3107_7	3107	7	SDR	27	SDR_Sam	159,022	100.0%	-	4.4%	15.3	321	12	4.8	770,735	NoName Endorheic South America	Endorheic South America	Land (Endorheic)		X
3108_7	3108	7	SDR	27	SDR_Sam	124,214	100.0%	-	-	17.3	697	31	35.1	4,358,878	Mar Chiquita	Endorheic South America	Land (Endorheic)		X
3109_7	3109	7	SDR	27	SDR_Sam	13,528	100.0%	-	-	19.5	531	0	3.2	42,965	NoName Endorheic South America	Endorheic South America	Land (Endorheic)		X
3110_7	3110	7	SDR	27	SDR_Sam	2,676	100.0%	-	-	19.3	514	0	3.6	9,515	NoName Endorheic South America	Endorheic South America	Land (Endorheic)		X
3301_3	3301	3	NDR	53a	NDR_Asi(MdE)	266,862	100.0%	-	-	18.7	107	10	52.6	14,032,923	Dead Sea	Endorheic Near East & Ar. Peninsula	Land (Endorheic)		X
3302_3	3302	3	NDR	53a	NDR_Asi(MdE)	74,756	100.0%	-	-	26.6	53	0	1.9	142,880	Umm as Samim	Endorheic Near East & Ar. Peninsula	Land (Endorheic)		X
3303_2	3303	2	NML	32	NML_Eur	14,630	100.0%	-	-	9.3	558	102	77.7	1,136,532	Egridir Beysehir	Endorheic Turkey	Land (Endorheic)		X
3304_3	3304	3	NDR	53a	NDR_Asi(MdE)	19,345	100.0%	-	-	5.9	550	301	58.6	1,133,814	Van	Endorheic Turkey	Land (Endorheic)		X
3305_3	3305	3	NDR	53a	NDR_Asi(MdE)	44,205	100.0%	-	-	8.9	380	186	94.1	4,158,191	Urmia Basin	Endorheic Middle East	Land (Endorheic)		X
3306_3	3306	3	NDR	53a	NDR_Asi(MdE)	94,356	100.0%	-	-	12.4	219	77	178.8	16,872,873	Great Salt Desert	Endorheic Middle East	Land (Endorheic)		X
3307_3	3307	3	NDR	53a	NDR_Asi(MdE)	331,073	100.0%	-	-	15.6	138	60	22.2	7,346,119	Great Salt Desert	Endorheic Middle East	Land (Endorheic)		X
3308_3	3308	3	NDR	53a	NDR_Asi(MdE)	246,585	100.0%	-	-	18.3	101	4	7.6	1,885,208	Namakzar-e-Shadad	Endorheic Middle East	Land (Endorheic)		X
3309_3	3309	3	NDR	53a	NDR_Asi(MdE)	28,228	100.0%	-	-	15.6	189	22	12.7	359,657	Kavir-i-Namak	Endorheic Middle East	Land (Endorheic)		X
3310_3	3310	3	NDR	53a	NDR_Asi(MdE)	71,102	100.0%	-	-	20.8	124	2	11.5	820,866	Hamun-e-Jaz-Murian	Endorheic Middle East	Land (Endorheic)		X
3311_3	3311	3	NDR	53b	NDR_Asi(CAs)	418,353	100.0%	-	8.3%	15.0	163	34	18.7	7,824,160	Helmand	Endorheic Middle East	Land (Endorheic)		X
3312_3	3312	3	NDR	53b	NDR_Asi(CAs)	109,318	100.0%	-	-	21.4	95	1	7.0	761,022	Hanum-e-Mashkal	Endorheic Middle East	Land (Endorheic)		X
3313_3	3313	3	NDR	53b	NDR_Asi(CAs)	9,653	100.0%	-	-	3.8	267	0	1.2	11,491	NoName Endorheic Central & East Asia	Endorheic Central & East Asia	Land (Endorheic)		X
3314_3	3314	3	NDR	53b	NDR_Asi(CAs)	39,804	100.0%	-	-	2.1	260	105	0.5	18,925	NoName Endorheic Central & East Asia	Endorheic Central & East Asia	Land (Endorheic)		X
3315_3	3315	3	NDR	53b	NDR_Asi(CAs)	206,555	100.0%	14.0%	46.7%	3.9	309	34	19.8	4,092,218	Balkhash	Endorheic Central & East Asia	Land (Endorheic)		X
3316_3	3316	3	NDR	53b	NDR_Asi(CAs)	219,902	100.0%	2.5%	9.5%	4.0	270	42	6.9	1,527,234	Balkhash	Endorheic Central & East Asia	Land (Endorheic)		X
3317_3	3317	3	NDR	53b	NDR_Asi(CAs)	66,153	100.0%	-	0.6%	2.9	326	45	9.8	650,467	Alakol	Endorheic Central & East Asia	Land (Endorheic)		X
3318_3	3318	3	NDR	53b	NDR_Asi(CAs)	46,202	100.0%	19.4%	8.7%	2.6	267	12	19.7	911,970	Ebi-Nor	Endorheic Central & East Asia	Land (Endorheic)		X
3319_3	3319	3	NDR	53b	NDR_Asi(CAs)	1,149,058	100.0%	35.7%	23.6%	3.1	77	8	7.6	8,781,840	Tarim / Lob-Nor	Endorheic Central & East Asia	Land (Endorheic)		X
3320_3	3320	3	NDR	53b	NDR_Asi(CAs)	153,106	100.0%	100.0%	7.0%	-4.7	157	51	0.0	7,425	Tibet Endorheic	Endorheic Central & East Asia	Land (Endorheic)		X
3321_3	3321	3	NDR	53b	NDR_Asi(CAs)	194,746	100.0%	100.0%	0.4%	-3.5	236	330	0.2	38,277	Tibet Endorheic	Endorheic Central & East Asia	Land (Endorheic)		X
3322_3	3322	3	NDR	53b	NDR_Asi(CAs)	33,135	100.0%	100.0%	4.0%	-6.9	174	62	0.0	71	Tibet Endorheic	Endorheic Central & East Asia	Land (Endorheic)		X
3323_3	3323	3	NDR	53b	NDR_Asi(CAs)	49,837	100.0%	54.8%	82.9%	-3.2	120	0	0.1	6,348	Tsaidam / Suhai-Hu	Endorheic Central & East Asia	Land (Endorheic)		X
3324_3	3324	3	NDR	53b	NDR_Asi(CAs)	134,817	100.0%	46.4%	89.0%	-1.7	228	54	2.1	279,690	Tsaidam / Suhai-Hu	Endorheic Central & East Asia	Land (Endorheic)		X
3325_3	3325	3	NDR	53b	NDR_Asi(CAs)	198,376	100.0%	11.1%	5.2%	3.0	63	1	1.7	336,590	Tarim / Lob-Nor	Endorheic Central & East Asia	Land (Endorheic)		X
3326_3	3326	3	NDR	53b	NDR_Asi(CAs)	141,421	100.0%	-	-	7.2	72	0	6.3	888,256	Turfan / Kurukgol	Endorheic Central & East Asia	Land (Endorheic)		X
3327_3	3327	3	NDR	53b	NDR_Asi(CAs)	332,250	100.0%	14.2%	1.0%	4.1	126	2	14.3	4,753,907	Dzoungary	Endorheic Central & East Asia	Land (Endorheic)		X
3328_3	3328	3	NDR	53b	NDR_Asi(CAs)	232,439	100.0%	16.4%	-	3.5	112	4	8.7	2,033,758	Sogonur	Endorheic Central & East Asia	Land (Endorheic)		X
3329_3	3329	3	NDR	53b	NDR_Asi(CAs)	1,113,884	100.0%	22.5%	0.4%	2.0	199	4	5.3	5,921,648	Kerulen	Endorheic Central & East Asia	Land (Endorheic)		X
3330_3	3330	3	NDR	53b	NDR_Asi(CAs)	40,382	100.0%	89.7%	-	-0.7	263	0	0.5	21,214	Kerulen	Endorheic Central & East Asia	Land (Endorheic)		X
3331_3	3331	3	NDR	53b	NDR_Asi(CAs)	68,063	100.0%	32.2%	1.4%	2.4	154	0	0.9	60,152	Mongolian Endorheic	Endorheic Central & East Asia	Land (Endorheic)		X
3332_3	3332	3	NDR	53b	NDR_Asi(CAs)	41,147	100.0%	65.1%	44.4%	-0.7	210	6	0.8	32,927	Mongolian Endorheic	Endorheic Central & East Asia	Land (Endorheic)		X
3333_3	3333	3	NDR	53b	NDR_Asi(CAs)	51,510	100.0%	83.4%	58.3%	-2.9	139	2	0.8	39,649	Mongolian Endorheic	Endorheic Central & East Asia	Land (Endorheic)		X
3334_3	3334	3	NDR	53b	NDR_Asi(CAs)	36,300	100.0%	100.0%	40.6%	-0.3	116	0	1.1	39,800	NoName Endorheic Central & East Asia	Endorheic Central & East Asia	Land (Endorheic)		X
3335_3	3335	3	NDR	53b	NDR_Asi(CAs)	86,204	100.0%	100.0%	86.6%	-3.3	159	8	1.6	136,865	Hyargasnur	Endorheic Central & East Asia	Land (Endorheic)		X
3336_3	3336	3	NDR	53b	NDR_Asi(CAs)	82,911	100.0%	100.0%	4.9%	-3.2	153	2	0.7	56,246	NoName Endorheic Central & East Asia	Endorheic Central & East Asia	Land (Endorheic)		X
3337_3	3337	3	NDR	53b	NDR_Asi(CAs)	85,861	100.0%	100.0%	35.9%	-6.4	257	23	1.2	99,943	Uvsnur	Endorheic Central & East Asia	Land (Endorheic)		X
3401_7	3401	7	SDR	67	SDR_Aus	103,851	100.0%	-	-	19.7	234	0	0.0	2,199	Way-Carnegie	Endorheic West Australia	Land (Endorheic)		X
3402_7	3402	7	SDR	67	SDR_Aus	52,824	100.0%	-	-	21.0	220	0	0.0	0	Way-Carnegie	Endorheic West Australia	Land (Endorheic)		X
3403_7	3403	7	SDR	67	SDR_Aus	1,171,205	100.0%	-	-	21.7	257	0	0.0	47,165	Great Artesian Basin / Lake Eyre	Endorheic Central Australia	Land (Endorheic)		X
3404_7	3404	7	SDR	67	SDR_Aus	31,878	100.0%	-	-	18.8	194	0	0.1	3,401	Torrens	Endorheic Central Australia	Land (Endorheic)		X
3405_7	3405	7	SDR	67	SDR_Aus	209,845	100.0%	-	-	19.3	236	0	0.1	23,832	Frome	Endorheic Central Australia	Land (Endorheic)		X
3406_7	3406	7	SDR	67	SDR_Aus	56,341	100.0%	-	-	22.6	208	0	0.0	0	Amadeus Mackay	Endorheic Central Australia	Land (Endorheic)		X
3407_7	3407	7	SDR	67	SDR_Aus	22,748	100.0%	-	-	23.6	228	0	0.0	0	Amadeus Mackay	Endorheic Central Australia	Land (Endorheic)		X
3408_7	3408	7	SDR	67	SDR_Aus	274,166	100.0%	-	-	22.8	307	0	0.1	31,356	Amadeus Mackay	Endorheic Central Australia	Land (Endorheic)		X
3409_7	3409	7	SDR	67	SDR_Aus	154,561	100.0%	-	-	24.7	429	0	0.0	0	Tanami	Endorheic Central Australia	Land (Endorheic)		X
3410_7	3410	7	SDR	67	SDR_Aus	98,158	100.0%	-	-	23.2	351	0	0.0	0	Tanami	Endorheic Central Australia	Land (Endorheic)		X
3411_7	3411	7	SDR	67	SDR_Aus	55,705	100.0%	-	-	25.1	455	0	0.1	3,888	Tanami	Endorheic Central Australia	Land (Endorheic)		X
3412_7	3412	7	SDR	67	SDR_Aus	49,570	100.0%	-	-	24.4	387	0	0.0	0	Tanami	Endorheic Central Australia	Land (Endorheic)		X



Map of the COSCATs