Annex IX

GEMS/GLORI Data Base (1995) Suspended and dissolved loads

Notes to Annex IX

Suspended and dissolved loads

1	2	3	4	5	6	7	8	9	10	11	
Rivers	**A** M km^2	**Qnat** km^3/a	**Qact** km^3/a	***q1** mm/a	***q2** L/s/km^2	**Msnat.** Mt/a	**Msact.** Mt/a	***Md** Mt/a	***TSS** mg/L	***TDS** mg/L	
RHINE	**0.224**	**69.4**		**310**	**9,8**	**3.41**		**47.96**	**42.7**	**599**	A
	78.090	*94.034*		*94,034*	*94,034*	*92.049*					*B*
	0.16		**101**			**2.71**			**36.4**		
	78.161		*78.090*			*89.173*			*89.173*		
	0.22		**80**			**2.75**					
			78.161			*69.014*					

1. River name: for spelling and synonyms see tables II and III.
2. River drainage area, in million km^2.
3. Long term natural water discharge in km^3 per year.
4. Present water discharge when differing markedly from the natural one, in km^3 per year.
5. Water runoff in mm per year (calculated from Q nat or Q act, see the reference number).
6. Specific water discharge in litre per second per km^2, based on the same water discharge as q1, see the reference number.
7. Long term natural suspended load, in million tonnes per year, prior to damming.
8. Actual suspended load, in million tonnes per year, when differing markedly from the natural figure.
9. Calculated total dissolved salt load, in million tonnes per year, based on the calculated total dissolved solids and the discharge selected for q1 and q2.
10. Calculated Total Suspended Solid from natural suspended load (Ms nat) and discharge (Q nat).
11. Calculated Total Dissolved Solids ($Ca^{++} + Mg^{++} + Na^{+} + K^{+} + Cl^{-} + SO_4^{--} + HCO_3^{-}$, and SiO_2 when available) expressed in mg / L from selected data as given in the first lines of Annex XII.

A. First line (bold font): selected data

B. Second line (italic): corresponding reference number starting with reference year (see Annex XIV)

C. Third line (normal font): time period of record, when appropriate.

*. Calculated data

Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
A LA BALEINE	0.0318	18.3	18.20	572	18.05			0.46		25.4
	75.109	94.034	75.109	75.109	75.109					
	(>72)		<72							
	0.0313		17.20							
ABITIBI	0.0275		12.38	450	14.20					
	82.097		82.097	82.097	82.097					
ABRA	0.0051		13.00	2537	80.02					
	95.013		95.013	95.013	95.013					
	80.148									
ADIGE	0.0120		7.29	610	19.24		1.65	1.60	226.3	219.1
	84.211		84.211	84.211	84.211		78.162			
	0.0122		10.70							
	78.161		75.109							
			51-64							
			7.41							
			78.162							
ADOUR	0.0160	11.3	10.70	669	21.10	0.24		2.36	21.1	221.0
	92.009	94.034	92.009	92.009	92.009	89.014				
	0.0783		2.33							
	78.161		78.161							
AGANO	0.00834		10.6	1271	40.09			0.61		57.75
	60.020		60.020	60.020	60.020					
AGNO	0.0012					5				
AGUSAN	0.0113		40.00	3540	111.7					
	80.150		80.150	80.150	80.150					
			22.10							
AKSU	0.0196		14.35	732	23.10					
	75.109		75.109	75.109	75.109					
ALAZEYA	0.0680		8.80	129	4.08	0.7	0.1	0.19	79.5	22.1
	95.004		95.004	95.004	95.004	95.004	96.005			95.004
	0.0290		1.65							
	96.005		96.005							
ALBANY	0.1340	44.8	44.00	328	10.36			5.21		118.5
	78.090	94.034	78.090	78.090	78.090					
	0.1180		28.91	245						
	82.097		82.097	82.097						
			44.10							
			75.109							
ALIAKMON	0.0095		4.20	442	13.95					
	84.211		84.211	84.211	84.211					
	0.0095		4.73							
	78.162									
ALSEK	0.0280		26.80	957	30.19					
	95.013		94.034	94.034	94.034					
ALTAMAHA	0.0352	12.8	10.80	307	9.68	2.5		0.73	195.3	67.4
	74.033	94.034	74.033	74.033	74.033					
	78.161		12.15							
	0.0363		78.161							
	82.097									
AMAZON	6.1120		6590	1078	34.01	1200		286.67	182.1	43.5
	92.046		95.010	95.010	95.010	92.009				
	6.1500		6450			1230				
	78.161		92.046			89.173				
			5521							
			78.161							
AMECA	0.0120		3.00	250	7.89			0.56		186.2
	71.022		71.022	71.022	71.022					
AMGERMAN	0.0317	15.1	12.30	388	12.24			0.95		77.5
	78.161	94.034	78.161	78.161	78.161					
AMGUEMA	0.0296		9.2	311	9.80	0.5	0.612	0.17	54.3	18.4
	95.004		95.004	95.004	95.004	96.003	96.005			95.004
	0.0264		8.56							
	96.005		96.005							

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
AMUR	1.8550	344	344.00	185	5.85	24.9		18.87	72.4	55.0
	96.003	*94.034*	*96.003*	*96.003*	*96.003*	*96.003*				
	78.090		355.00							
			78.090							
			325.00							
			78.161							
ANABAR	0.0788	13.6	13.20	168	5.28	0.4	0.38	0.70	29.4	52.8
	96.005	*94.034*	*96.005*	*96.005*	*96.005*	*95.004*	*96.005*			50.1
	0.1000		17.30							*95.004*
	95.004		*95.004*							
	78.090									
ANADYR	0.2000	63.7	60	300	9.46	1.8		1.99	28.3	33.1
	96.003	*94.034*	*96.003*	*96.003*	*96.003*	*96.003*				
	0.1910		60							
	78.090		*78.090*							
ANDERSON	0.0480		3.53	74	2.32			1.06		299.7
	82.205		*82.205*	*82.205*	*82.205*					
ANGHARI	0.0526		74.00	1407	44.38					
	80.150		*80.150*	*80.150*	*80.150*					
ANKOBRA										
APPALACHICOLA	0.0456	23.6	21.43	470	14.83	0.17			7.2	
	82.097	*94.034*	*82.097*	*82.097*	*82.097*	*92.009*				52
	0.0505		21.60							*74.033*
	74.034		*78.161*							
	0.0520		24							
	78.090		*78.090*							
APPROUAGUE	0.0102		11.60	1137	35.88	0.20		0.41	17.2	35.8
	95.012		*95.012*	*95.012*	*95.012*	*88.208*				
	0.0110		8.00							
	88.208		*88.208*							
ARAGUARI	0.0230		16.00	696	21.94	0.50			31.3	
	88.208		*88.208*	*88.208*	*88.208*	*88.208*				
ARNAUD	0.0495	20.6	20.63	417	13.15			0.29		14.2
	78.160	*94.034*	*78.160*	*78.160*	*78.160*					
	0.0270		11.20							
	70.100		*70.100*							
			68-69							
ARNO	0.0082	3.25	2.10	256	8.08	2.2	2.21	1.39	676.9	664.0
	78.162	*78.162*	*91.081*	*78.162*	*78.162*	*68.025*	*78.162*			
						69.061				
						69.014				
						36-64				
ASHBURTON	0.0820									
	78.090									
ASI	0.0226		2.70	119	3.77					
	83.244		*83.244*	*83.244*	*83.244*					
ATRATO	0.0322									
	78.090									
ATTAWAPISKAT	0.0502	19.7	19.74	393	12.40	0.2			10.2	
	78.160	*94.034*	*78.160*	*78.160*	*78.160*	*92.009*				
	75.109		13.40							
	78.090		*75.109*							
			78.161							
AURE	0.0045					50				
AUX FEUILLES	0.0425	18.1	18.60	438	13.81			0.28		15.2
	75.109	*94.034*	*75.109*	*75.109*	*75.109*					
	78.160		(<72)							
AUX OUTARDES	0.0191	12.6	12.60	660	20.81			0.11		8.4
	86.172	*94.034*	*75.109*	*75.109*	*75.109*					
	75.109		(<72)							
AXIOS	0.0247		4.14	168	5.29		0.80		193.2	
	84.211		*84.211*	*84.211*	*84.211*		*78.162*			
	78.162		4.23							
			78.162							

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
BABBAGE	0.0500					3.5				
	92.009					92009				
BACK	0.1070	19.3	16.00	150	4.72			0.18		11.2
	78.160	94.034	78.160	78.160	78.160					
	78.090		16.00	154						
	75.109		78.090	75.109						
	0.098		16.50							
	82.097		75.109							
BAKER	0.0235		31.55	1343	42.35					
	78.161		78.161	78.161	78.161					
BALSAS	0.1120		14.00	125	3.94			10.58		755.8
	78.090		78.090	78.090	78.090					
	0.1165		12.20							
	78.161		75.109							
			78.161							
			16.30							
BAN PAKONG	0.0177		16.60	938	29.59			0.09		5.4
	80.148		80.148	80.148	80.148					
BANDAMA	0.1050		11.5	110	3.46	1.18		0.79	102.6	68.9
	94.035		94.035	94.035	94.035	71.087				
	0.0975		12.60							
	71.087		71.087							
BARITO	0.0660		86.80	1315	41.49			4.24		48.9
	80.148		80.148	80.148	80.148					
	80.150		87!							
	0.0570		80.150							
			28.30							
BARUMUM										
BERBICE	0.011		11	1000	31.55	0.20			18.2	
	88.208		88.208	88.208	88.208	88.208				
BERSIMIS	0.0187									9.2
	86.172									
BETSIAMITES			11.80							
			94.034							
BETSIBOKA	0.0118		8.86	751	23.69	20			2257.3	
	93.021		93.021	93.021	93.021					
	91.080		9.20							
			91.080							
BIO BIO	0.0239		25.20	1054	33.26			1.83		72.5
	75.109		75.109	75.109	75.109					
BRAHMANI	0.0390	18.3	16.3	418	13.18		20.4		1114.8	
	79.181	79.181	87.191	87.191	87.191		87.191			
	0.0282									
	87.191									
BRAHMAPUTRA	0.5800		510	879	27.74	540		51.36	1058.8	100.7
	79.181		79.181	79.181	79.181	92.009				
	78.090		644.0	605		735				
	0.5366		78.090	75.109		75.109				
	78.161		605.7			720				
			78.161			68.025				
BRANTAS	0.0119		13.00	1092	34.46			3.34		257.0
	80.150		80.150	80.150	80.150					
	0.1076		12.60							
	80.148		80.148							
BRAZOS (Tex)	0.1140		5.04	44	1.39	32	16	2.33	6349.2	463.2
	74.033		74.033	74.033	74.033		76.132			
	78.161		6.75			31.3				388
	0.1174		78.161			68.025				74.033
	82.097					24-50				
	0.1180									
	86.224									
BREEDE	0.0153		2.02	132	4.16					
	75.109		75.109	75.109	75.109					

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
BROADBACK	0.0170	12.1	10.30	606	19.11			0.21		20.0
	70.100	*94.034*	*70.100*	*70.100*	*70.100*					
			68-69	68-69	68-69					
BUG	0.0637		3.40	53	1.68	0.5		1.99	147.1	584.5
	96.003		*96.003*	*96.003*	*96.003*	*96.003*				
	0.046		2.83			0.83				
	85.186		*96.005*			*96.005*				
BULLER	0.0064		12.6	1984	62.59					
	80.152		*80.152*	*80.152*	*80.152*					
BURDEKIN	0.1290		8.70	67	2.13	3.02		2.44	347.1	280.1
	75.109		*75.109*	*75.109*	*75.109*	*92.009*				
	78.161		8.50							
			78.161							
BURNETT	0.0334		1.62	49	1.53					
	75.109		*75.109*	*75.109*	*75.109*					
	78.090		(10-64)							
			1.60							
			78.090							
BUYUK	0.0196		4.70	240	7.56			3.37		718.0
MENDERES	*89.175*		*89.175*	*89.175*	*89.175*					
	0.0237		2.86							
	83.244		*83.244*							
	0.0249		3.15							
	84.211		*84.211*							
BUZI	0.0288		1.45	50	1.59					
	75.109		*75.109*	*75.109*	*75.109*					
BZYB										152.2
CAGAYAN	0.0276		44.20	1601	50.52			2.82		64.0
	80.148		*80.148*	*80.148*	*80.148*					
	0.0264		44.00							
	78.161		*80.150*							
			54.89							
			78.161							
CAPE FEAR	0.0126		4.40	349	11.02	0.29		0.25	65.9	53.5
	74.033		*74.033*	*74.033*	*74.033*	*92.009*				57.0
	0.0135		5.00	370						*74.033*
	82.097		*82.097*	*82.097*						
CAPIM										
CAUWERI	0.0880		20.90	238	7.49		0.04	8.27	1.9	395.5
	79.181		*79.181*	*79.181*	*79.181*		*86.071*			
	0.0900		11.50				*87.191*			
	92.033		*87.191*				1.5			
	0.0879		7.45				*87.191*			
	75.110		*78.161*				0.71			
	0.0825									
	78.161									
CAVALLY	0.0288		13.47	468	14.75			0.99		73.2
	94.035		*94.035*	*94.035*	*94.035*					
CEYHAN	0.0205		7.00	341	10.77		5.5	1.96	785.7	280.3
	83.244		*83.244*	*83.244*	*83.244*		*92.009*			
	0.015		7.25							
	84.211		*84.211*							
	0.0220		7.00							
	78.162		*78.162*							
CHANG JIANG	1.808		928	513	16.19	480		192.9	517.0	221.0
	92.003		*92.003*	*78.090*	*78.090*	*92.009*				
	1.8300		873.00		1022	459				
					75.109	*93.024*				
	1.800		995			500				
	78.090		*78.090*			*92.003*				

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
CHAO PHRYA	**0.1114**		**27.80**	**249**	**7.87**	**11**		**3.9**	**395.7**	**140.3**
	78.161		*78.161*	*78.161*	*78.161*	*92.009*				
	0.1600		*78.090*							
	75.109		**5.7**							
	78.090		*80.150*							
	0.177									
	80.150									
CHELIFF	**0.0437**		**1.26**	**29**	**0.91**	**3.4**	**3.1**		**2698.4**	
	84.211		*84.211*	*84.211*	*84.211*	*76.126*	*68.025*			
	0.0350		**1.48**				(16y)			
	78.090		*78.161*							
	0.0293		**0.55**							
	75.109		*75.109*							
CHICO										
CHIRA	**0.0184**		**4.80**	**261**	**8.24**	**20**			**4167**	
	77.141		*77.141*	*77.141*	*77.141*					
			65-66			**39**				
	0.0200		**20.00**			*77.141*				
						65-66				
CHO SHUI CHI	**0.0031**		**5.98**	**1929**	**60.85**					
	75.109		*75.109*	*75.109*	*75.109*					
CHOCTAWATCHEE	**0.0114**		**6.28**	**551**	**17.38**			**0.28**		
	95.004		*95.004*	*95.004*	*95.004*					**45**
	74.033		*74.033*	**670**						*74.033*
	82.097		**7.64**	*82.097*						
			82.097	77-78						
CHOWAN	**0.0126**		**4.13**	**328**	**10.34**			**0.30**		
	95.004		*95.004*	*95.004*	*95.004*					**73**
	74.033		*74.033*	*74.033*	*74.033*					*74.033*
CHUBUT	**0.1380**									
	78.090									
	0.0798	**51.1**	**50.00**	**627**	**19.77**					
	78.090	*94.034*	*78.090*	*78.090*	*78.090*					
	0.0789	*78.160*	**49.80**							
	75.109		*75.109*							
CHURCHILL (Hud)	**0.2980**	**40**	**25.83**	**87**	**2.73**			**3.45**		**90.8**
	78.160	*94.034*	*82.097*	*78.160*	*78.160*					
	0.2870	**40.06**	**38.00**							
	82.097	*78.160*	*78.090*							
	0.2810		**37.80**							
	78.090		*75.109*							
CIMANUK	**0.0037**		**4.45**	**1219**	**38.46**	**25**		**0.69**	**5618**	**155.9**
	75.109		*75.109*	*75.109*	*75.109*					
	0.0033									
	80.148									
CITANDUY	**0.0036**		**5.30**	**1488**	**46.95**	**9.5**		**0.38**	**1792.5**	**72.6**
	75.109		*75.109*	*75.109*	*75.109*					
CITARUM	**0.0059**		**4.89**	**829**	**26.15**			**0.61**		**124.8**
	75.109		*75.109*	*75.109*	*75.109*					
	0.0060		**9.50**							
	80.148		*80.148*							
CLARENCE	**0.0166**		**3.72**	**224**	**7.07**					
	75.109		*75.109*	*75.109*	*75.109*					
			22-64							
CLUTHA	**0.0203**		**18.80**	**926**	**29.21**			**0.96**		**51.2**
	78.161		*78.161*	*78.161*	*78.161*					
	0.0220		**19.40**							
	78.090		*78.090*							
COCO	**0.0267**		**30.00**	**1124**	**35.44**					
	76.132		*76.132*	*76.132*	*76.132*					
	0.0199		**21.30**							
	75.109		*75.109*							

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
COLORADO (Arg)	**0.0650**						**6.8**			
	78.090						*69.061*			
							92.009			
							68.025			
							38-64			
COLORADO (Ari)	**0.6390**	**18.5**	**0.10**	**0.156**	**0.005**	**120**	**0.1**	**0.11**	**6487**	**1109**
	82.097	*91.087*	*91.087*	*91.087*	*91.087*	*92.009*	*92.009*			
	0.6350	**17.3**	**12.8**			**134**				
	78.090	*94.034*	*82.097*			*68.025*				
	0.715		**23.0**			25-57				
	94.021		*78.090*			**149**				
						64.035				
COLORADO (Tex)	**0.1070**		**2.49**	**23**	**0.73**		**1.9**	**0.95**	**763.1**	**383.3**
	74.033		*74.033*	*74.033*	*74.033*		*92.009*			
	82.097						*76.132*			**248.0**
							3.61			*74.033*
							64.035			
							50-57			
COLUMBIA	**0.6690**	**236**	**236**	**353**	**11.13**	**15**	**10**	**27.16**	**63.6**	**115.1**
	86.224	*94.034*	*86.224*	*86.224*	*86.224*	*92.009*	*92.009*			
	78.090		51-80			**10.3**				**100**
			267			*68.025*				*74.033*
	0.6650		*78.090*			50-52				
	74.034		**225**							
	31-60		*74.034*							
			31-60							
COLVILLE	**0.0500**	**18.9**	**16.00**	**320**	**10.09**	**6**		**1.57**	**317.5**	**97.8**
	92.009	*94.034*	*92.009*	*92.009*	*92.009*	*92.009*				
COMOE	**0.0780**		**3.31**	**42**	**1.34**			**0.17**		**50.3**
	94.035		*94.035*	*94.035*	*94.035*					
	0.0603									
	78.161									
CONNECTICUT	**0.0250**	**17.0**	**14.20**	**568**	**17.92**			**0.99**		**70.0**
	74.033	*94.034*	*74.033*	*74.033*	*74.033*					
	78.161		**15.88**							
	82.097		*82.097*							
COPPENAME	**0.0200**		**14.00**	**700**	**22.08**	**0.40**		**0.06**	**28.6**	**4.4**
	88.208		*88.208*	*88.208*	*88.208*	*88.208*				
	0.0179		**14.83**							
	78.161		*78.161*							
COPPER	**0.0632**	**56.6**	**52.50**	**831**	**26.20**	**70**			**1236.7**	
	86.224	*94.034*	*86.224*	*86.224*	*86.224*	*92.009*				
			51-80							
	0.0533		**32.80**							
	78.161		*75.109*							
COPPERMINE	**0.0203**	**11.3**	**2.64**	**130**	**4.10**					
	82.097	*94.034*	*82.097*	*82.097*	*82.097*					
CORANTIJN	**0.069**		**47**	**681**	**21.49**	**1.10**			**23.4**	
	88.208		*88.208*	*88.208*	*88.208*	*88.208*				
	0.0067		**63.10**							
	78.161		*78.161*							
COROCH	**0.0221**		**9.00**	**407**	**12.85**	**8.25**	**8.4**		**916.7**	
	96.003		*96.003*	*96.003*	*96.003*	*96.003*	*96.005*			
	0.020		**6.40**							
	83.244		*83.244*							
	75.109		**4.90**							
			75.109							
			<68							
CROSS	**0.0480**		**49.00**	**1021**	**32.20**					
	80.147		*80.147*	*80.147*	*80.147*					
CUANZA	**0.1490**		**29.80**	**200**	**6.31**					
	78.090		*78.090*	*78.090*	*78.090*					
	0.1550		**26.40**							

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
	78.161		*78.161*							
CUNENE	**0.1065**		**6.80**	**64**	**2.01**			**0.35**		**51.7**
	78.161		*78.161*	*78.161*	*78.161*					
	0.1370		**6.77**							
	78.090		*75.109*							
CUYUNI	**0.0539**		**33.50**	**622**	**19.61**			**1.43**		**42.7**
	75.109		*75.109*	*75.109*	*75.109*					
	0.0534									
	78.161									
DALALVEN	**0.0250**	**15.2**	**9.84**	**394**	**12.42**			**0.30**		**28.6**
	76.130	*94.034*	*76.130*	*76.130*	*76.130*					
			65-71							
	0.0290		**10.53**							
	78.161		*78.161*							
DALING										
DALY										
DAMODAR	**0.0200**		**10.00**	**500**	**15.77**	**28**		**1.65**	**2800**	**164.9**
	92.009		*92.009*	*92.009*	*92.009*	*92.009*				
	0.0233					**31**				
	78.161					*68.025*				
DANUBE	**0.8170**	**203**	**207**	**253**	**7.99**	**68**	**48**	**88.68**	**335.0**	**428.4**
	78.090	*94.034*	*93.028*	*93.028*	*93.028*	*93.028*	*93.028*			
	91.081		31-70							
			214							
			78.090							
DAUGAVA	**0.0879**	**20.1**	**20.40**	**232**	**7.32**	**0.47**		**4.35**	**23.4**	**213.2**
	84.212	*94.034*	*96.003*	*96.003*	*96.003*	*96.003*				
	0.070		**16.60**							**44.0**
	84.212		*84.212*							*84.212*
	0.0645		**14.67**							46-65
	78.161		*78.161*							
DAULE	**0.0090**		**8.70**	**967**	**30.49**			**0.77**		**88.7**
DELAWARE	**0.0295**	**17.3**	**15.30**	**519**	**16.36**	**0.68**	**1.0**	**1.44**	**39.3**	**94.0**
	74.034	*94.034*	*74.034*	*74.034*	*74.034*	*92.009*	*64.035*			*74.033*
	41-70		41-70			**0.988**	49-57			
	0.0176		**10.32**			*68.025*				
	78.161		*78.161*			49-57				
DESEADO										
DIGUL	**0.0257**									
	78.161									
DNEPR	**0.5040**	**53.6**	**53.40**	**106**	**3.34**	**2.3**		**14.61**	**42.9**	**273.6**
	96.003	*94.034*	*96.003*	*96.003*	*96.003*	*96.003*				
	78.090		*78.090*			**1.1**				
						68.025				
						38-39				
DNESTR	**0.0721**		**10.70**	**148**	**4.68**	**3**	**4.9**	**6.08**	**233.6**	**568.2**
	96.003		*96.003*	*96.003*	*96.003*	*92.009*	*96.005*			
	78.090		**9.59**			**0.41**				
	0.0430		*78.090*			*96.003*				
	96.005									
DOCE	**0.0810**		**32.80**	**405**	**12.77**					
	78.090		*78.090*	*78.090*	*78.090*					
	0.0840									
	78.161									
DON	**0.4220**	**28.1**	**20.70**	**49**	**1.55**	**2.16**	**0.77**	**17.14**	**76.9**	**828.1**
	96.003	*94.034*	*96.003*	*96.003*	*96.003*	*96.003*	*92.009*			
	78.090		**28.9**			**4.8**				
			78.090			*68.025*				
			26.25			32-47				
			78.161							
DONG NAI	**0.0220**		**14.92**	**678**	**21.39**					
	78.161		*78.161*	*78.161*	*78.161*					
	75.109									
DONGJIANG	**0.0253**		**23.30**	**921**	**29.05**			**1.05**		**45.2**
	87.186		*87.186*	*87.186*	*87.186*			*87.186*		

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
DORDOGNE										
DOURO	0.0950	20.5	16	164	5.18			5.55		356.0
	78.090	*94.034*	*75.109*	*75.109*	*75.109*					
	0.0984		35							
	91.081		*78.090*							
DRÂA	0.0151		0.42	28	0.88					
	75.109		*75.109*	*75.109*	*75.109*					
DRAMMENSELVA	0.0170	10.3	8.10	476	15.03	1.83		0.07	177.7	8.1
	93.020	*94.034*	*93.020*	*93.020*	*93.020*	*93.020*				
DRINI	0.0124	11.0	10.78	869	27.42	14.7	2.1		1336.4	
	84.211	*94.034*	*84.211*	*84.211*	*84.211*	*69.061*				
	78.161		3.90			14.6				
	0.0170		*92.009*			*69.014*				
			7.60			60-63				
						13.5				
						76.126				
EASTMAIN	0.046	28.7	28.20	608	19.2			0.36		12.9
	78.160	*94.034*	*70.100*	*70.100*	*70.100*					
	0.044	*78.160*	68-69	68-69	68-69					
	70.100									
EBRO	0.0840	18.2	15.77	188	5.92	18	1.5	8.02	989	508.5
	84.211	*94.034*	*84.211*	*84.211*	*84.211*	*92.009*	*92.009*			
	0.0868		*76.126*				0.5			
	78.090						*78.162*			
	0.0860									
	91.081									
EEL	0.0081		6.30	782	24.66	14			2222	
	74.033		*74.033*	*74.033*	*74.033*	*92.009*				142.0
	82.097		5.06	625		16.4				*74.033*
			82.097	*82.097*		*68.025*				
				77-78		57-60				
ELBE	0.1460		23.70	162	5.12	0.84		17.20	35.4	725.7
	91.081		*91.081*	*91.081*	*91.081*	*92.049*				
	0.1480		22.80							
	78.090		*78.090*							
ELLICE	0.0170		0.91	54	1.69			0.01		13.8
	82.205		*82.205*	*82.205*	*82.205*					
EMS	0.0051		1.90	373	11.75			0.34		177.0
	78.161		*78.161*	*78.161*	*78.161*					
	0.0013									
	91.081									
ERHIAN	0.0003		0.49	1441	45.46	12.5			25510	
	95.013		*95.013*	*95.013*	*95.013*					
ESCAMBIA	0.0099		6.19	625	19.72			0.39		63.2
	82.097		*82.097*	*82.097*	*82.097*					
	75.109		*75.109*	*75.109*	*75.109*					
			77-78							
ESCONDIDO	0.0114		6.00	526	16.60					
	75.109		*75.109*	*75.109*	*75.109*					
ESMERALDAS	0.0215		31.20	1451	45.78					
	92.048		*92.048*	*92.048*	*92.048*					
	0.0212		22.22							
	78.161		*78.161*							
ESSEQUIBO	0.1640		178	1085	34.24	4.5		4.89	25.3	27.5
	88.208		*88.208*	*88.208*	*88.208*	*88.208*				
	0.0680		71							
	78.161		*78.161*							
EVROS	0.0550		9.81	178	5.63			3.32		338.0
	78.162		*78.162*	*78.162*	*78.162*					
	0.0270		*84.211*							
	89.175									
FILYOS	0.0133		4.79	360	11.36					
	83.244		*83.244*	*83.244*	*83.244*					

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
FITZROY EAST	0.1430		5.70	40	1.26			1.06		186.5
	78.090		*78.090*	*78.090*	*78.090*					
			75.109							
			22-62							
FITZROY WEST	0.0865									
FLINDERS	0.1080	2.00	0.49	5	0.14			0.29		146.5
	78.090		*78.090*	*78.090*	*78.090*					
	0.1088									
	78.161									
FLY	0.0644		141.00	2189	69.07	115		16.33	815.6	115.8
	78.090		*78.090*	*78.090*	*78.090*					
	0.0610									
	78.161									
FORSTESCUE	0.0550									
	78.090									
FRASER	0.2200	114.0	112	509	16.06	20		10.36	175.4	92.5
	75.109	*94.034*	*75.109*	*75.109*	*75.109*	*92.009*				
	78.090	*78.160*	*78.090*							
	0.2330		84.4							
	78.160		*82.097*							
FUCHUN JIANG	0.0543		37.30	686	21.65	50		0.18	1340	4.7
	93.023		*93.023*	*93.023*	*93.023*	*92.003*				
						6.59				
						93.023				
FUERTE										
FYRIS	0.0012					0.0055				
GALANA										
GAMBIA	0.0420		4.90	117	3.68	0.2		0.22	40.8	45.3
	84.072		*84.072*	*84.072*	*84.072*					
	0.1800									
	78.090									
	80.147									
GAMTOOS	0.0344		0.57	17	0.52					
	75.109		*75.109*	*75.109*	*75.109*					
GANGES	1.0500		493	470	14.81	520		91.50	1055	185.6
	79.181		*79.181*	*79.181*	*79.181*	*92.009*				
	0.9500		475			480				
	78.090		*78.090*			*75.109*				
	0.9770		366							
	75.109		*78.161*							
	1.0700									
	75.110									
GARONNE	0.0550		17.20	313	9.87	2.2	1.14	3.90	127.9	227.0
	78.161		*78.161*	*78.161*	*78.161*	*92.009*	*83.095*			
						2.48	74-81			
						68.025				
						00-46				
GASGOYNE	0.0790		0.59	7	0.24					
	78.090		*78.090*	*78.090*	*78.090*					
GAUJA	0.0085		2.1	247	7.78			0.62		293.2
	96.005		*96.005*	*96.005*	*96.005*					
GEDIZ	0.0156		1.87	120	3.78			0.32		172.8
	83.244		*83.244*	*83.244*	*83.244*					
	0.0180		2.27							
	76.126		*76.126*							
GEORGE	0.0417	27.8	29.50	707	22.32			0.47		16.1
	75.109	*94.034*	*75.109*	*75.109*	*75.109*					
	78.160	*78.160*								
	0.0541		36.65							
	74.033		*74.033*							
	0.0448									
GILBERT										

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
GIZHIGA	0.0117		4.91	420	13.24		0.333		67.8	
	96.005		*96.005*	*96.005*	*96.005*		*96.005*			
GLAMA	0.0412	23.0	19.90	483	15.24	15.3		0.51	665.2	25.7
	93.020	*94.034*	*93.020*	*93.020*	*93.020*	*93.020*				
	0.0402		18.93							
	78.161		*78.161*							
	0.0418									
	91.081									
GLENELG	0.0108		0.65	60	1.90					
	75.109		*75.109*	*75.109*	*75.109*					
GODAVARI	0.3130		105	335	10.58	170		20.28	1619	193.1
	79.181		*79.181*	*79.181*	*79.181*	*92.009*				
	87.191					*86.073*				
	0.3140		122							
	78.090		*78.090*							
	0.3100		92							
	86.073		*86.073*							
GOKSU	0.0101		2.50	248	7.81	2.5			1000	
	92.009		*92.009*	*92.009*	*92.009*	*92.009*				
			83.244							
GORONGOSE	0.0131									
	75.109									
GOTA	0.0502	17.4	16.28	324	10.23					
	91.081	*94.034*	*78.161*	*78.161*	*78.161*					
	0.0468									
	78.161									
GOURITS	0.0451		0.67	15	0.47					
	75.109		*75.109*	*75.109*	*75.109*					
	0.0440									
	78.090									
GR BALEINE	0.0427	21.0		492	15.5					14.3
	70.100	*94.034*								
	78.160	*78.160*								
GRANDE	0.0127		0.56	44	1.38					
	75.109		*75.109*	*75.109*	*75.109*					
GRANDE	0.1250		12	96	3.03					
DE SANTIAGO	*78.090*		*78.090*	*78.090*	*78.090*					
			11.50							
			75.109							
GRANDE-	0.0197		24	1218	38.4					
MATAGALPA	*75.109*		*75.109*	*75.109*	*75.109*					
GREAT FISH	0.0302		0.58	19	0.61					
	75.109		*75.109*	*75.109*	*75.109*					
GREAT KEI	0.0204		1.22	60	1.89					
	75.109		*75.109*	*75.109*	*75.109*					
GREY	0.0038		10.50	2749	86.71					
	80.152		*80.152*	*80.152*	*80.152*					
GRIJALVA	0.0364		23.00	632	19.93			4.58		199.0
	78.161		*78.161*	*78.161*	*78.161*					
GUADALUPE	0.0134		1.40	104	3.30			0.34		245.0
	82.097		*74.033*	*74.033*	*74.033*					*74.033*
	74.033									
GUADIANA	0.0720		9.00	125	3.94			4.58		509.2
	78.090		*78.090*	*78.090*	*78.090*					
	0.0609		6.40							
	75.109		*75.109*							
			47-66							
GUALDALQUIVIR	0.0560		7.29	130	4.11			5.95		816.0
	78.161		*78.161*	*78.161*	*78.161*					
	91.081									
GUAYAS	0.0327		36.60	1119	35.31					
	92.048		*92.048*	*92.048*	*92.048*					

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
GUNDLAKAMMA	0.0085									
	79.181									
GURUPI										
HAAST	0.0010		5.97	5970	188.3	13			2178	
	95.013		*95.013*	*95.013*	*95.013*					
HAI HO	0.2640		9.00	34	1.08	660			73333	
	92.003		*92.003*	*92.003*	*92.003*	*92.003*				
HAN	0.0261		10.90	417	13.16			0.68		62.5
	81.011		*81.011*	*81.011*	*81.011*					
	0.0250		15.30							
	78.161		*78.161*							
HANJIANG	0.0291		24.00	825	26.02	10	3	1.41	416.7	58.7
	87.186		*87.186*	*87.186*	*87.186*	*92.009*	*92.009*			
	0.0262		17.3							
	75.109		*75.109*							
			49							
HARI										
HARRICANA	0.0293	14.9	17.90	611	19.27			1.24		69.5
	75.109	*94.034*	*75.109*	*75.109*	*75.109*					
	78.090	*78.160*	(<72)							
	(<72)									
HAYES	0.1980	21.9	21.89	111	3.49			3.29		150.1
	78.160	*94.034*	*78.160*	*78.160*	*78.160*					
	0.1030		18.60	77-78						
	82.097		*82.097*							
	0.1080									
	75.109									
HELLEH	0.0100		1.00	100	3.15			2.30		2300
	89.174		*89.174*	*89.174*	*89.174*					*89.174*
HOKITIKA	0.0011		6.00	5455	172.1	6			1000	
	95.013		*95.013*	*95.013*	*95.013*					
	0.0004		3.11							
HONG	0.1200		123	1025	32.33	130		18.07	1057	146.9
	68.084		*68.084*	*78.090*	*78.090*	*92.009*				
	0.1450		128.00			*75.109*				
	78.090		*78.090*							
	0.1650									
HSIUKULUAN	0.0018		4.20	2333	73.61	20			4762	
	75.109		*95.013*	*95.013*	*95.013*					
HUAI	0.2700		50.00	185	5.84	14			280.0	
	78.090		*78.090*	*78.090*	*78.090*	*92.009*				
	0.1640		32.00							
	75.109		*75.109*							
HUALIEN	0.0015		3.80	2533	79.92	20			5263	
	75.109		*95.013*	*95.013*	*95.013*					
HUANG HE	0.7520		41.00	55	1.72	1100		18.87	26829	460.4
	92.003		*92.003*	*92.003*	*92.003*	*92.009*				
	0.7700		*90.112*			900			25600	
	78.161		48.60			*93.024*			*90.112*	
	0.7450		*78.161*			1100			26500	
	78.090		*78.090*			*92.003*			*93.024*	
HUDSON	0.0345	19.6	17.30	501	15.8	1		2.18	51.0	126.0
	74.034	*94.034*	*74.034*	*74.034*	*74.034*	*92.009*				
	0.0210		41-70							78.0
	78.161		11.70							*74.033*
	82.097		*78.161*							
HUN										
HUNTER	0.0220		1.65	75	2.37					
	78.090		*78.090*	*78.090*	*78.090*					
			0.89							
			75.109							

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
IKOPA	**0.028**		**18.8**	**671**	**21.2**	**15**			**797.9**	
	93.021		*93.021*	*93.021*	*93.021*	*93.021*				
	0.0186		**14.3**							
	78.161		*78.161*							
INCOMATI	**0.0462**		**2.30**	**50**	**1.57**					
	75.109		*75.109*	*75.109*	*75.109*					
INDALSALVEN		**14.1**								**77.5**
		94.034								
INDERAGIRI	**0.0192**		**27.0**	**1406**	**44.4**					
	80.150		*80.150*	*80.150*	*80.150*					
INDIGIRKA	**0.3620**	**53.6**	**61.0**	**169**	**5.32**	**12.9**		**3.79**	**240.7**	**62.1**
	95.004	*94.034*	*95.004*	*95.004*	*95.004*	*95.004*				
	0.3600		**54.90**			**14**				**60.4**
	78.161		*78.161*			*92.009*				*95.004*
	0.3050		**49.7**							
	96.004		*96.004*							
INDUS	**0.9160**	**90**	**57**	**62**	**1.96**	**250**	**59**	**10.27**	**2778**	**180.1**
	94.021	*84.222*	*84.222*	*84.222*	*84.222*	*84.222*	*84.222*			
	0.9600	31-47				80	80			
	78.090									
	0.9700									
	75.109									
INGURI	**0.0089**		**1.58**	**178**	**5.60**	**0.13**		**0.22**	**82.3**	**142.3**
	96.003		*96.003*	*96.003*	*96.003*	*96.003*				
IRRAWADDY	**0.4100**		**486**	**1185**	**37.4**	**260**		**97.69**	**535.0**	**201.0**
	78.090		*78.090*	*78.090*	*78.090*	*92.009*				
	0.414		**428**							
	94.021									
ISHIKARI	**0.0143**		**15.50**	**1084**	**34.2**	**1.8**		**1.80**	**116.1**	**116.0**
	75.109		*75.109*	*75.109*	*75.109*	*92.009*				
	0.0111		**14.80**			**1.74**				
	60.020		*60.020*			*68.025*				
ISSER	**0.0316**		**6.12**	**194**	**6.11**	**6.1**			**996.7**	
	84.209		*84.209*	*84.209*	*84.209*	**54**				
						84.209				
ITATA	**0.0115**		**5.92**	**515**	**16.24**					
	75.109		*75.109*	*75.109*	*75.109*					
			47-56							
JACUI	**0.0715**		**41**	**573**	**18.09**			**0.69**		**16.9**
	92.046		*92.046*	*92.046*	*92.046*					
JAMES	**0.0175**		**6.43**	**367**	**11.59**			**0.78**		**121.0**
	74.033		*74.033*	*74.033*	*74.033*					*74.033*
	0.0162		**5.75**	**355**						
	82.097		*82.097*	*82.097*						
				77-78						
JEQUITINHONHA	**0.0639**		**13.50**	**211**	**6.66**					
	78.161		*78.161*	*78.161*	*78.161*					
JIULONG	**0.0147**		**14.70**	**1000**	**31.55**			**0.87**		**59.4**
	87.186		*87.186*	*87.186*	*87.186*					
JUBBA	**0.7500**		**17.20**	**23**	**0.72**			**5.68**		**330.0**
	78.090		*78.090*	*78.090*	*78.090*					
	78.161		*78.161*							
JUCAR	**0.0216**		**1.26**	**58**	**1.84**		**0.08**	**1.00**	**63.5**	**794.0**
	84.211		*84.211*	*84.211*	*84.211*		*78.162*			
	0.0179		*75.109*							
	78.161		46-70							
	0.0224									
KALADAN										
KALIX	**0.0234**	**8.9**		**380**	**12**					
	78.161	*94.034*		*94.034*	*94.034*					
KAMCHATKA	**0.0559**	**33.1**	**33.1**	**592**	**18.68**	**0.7**	**2.7**	**3.39**	**81.6**	**102.3**
	96.005	*94.034*	*96.005*	*96.005*	*96.005*	*96.003*	*96.005*			
	0.0466		**23.50**							
	78.161		*78.161*							

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
KAOPING	0.0033		8.50	2615	83	36			4235	
	95.013		*95.013*	*95.013*	*95.013*					
KAPUAS	0.0768		100.90	1314	41					
	80.140		*80.140*	*80.140*	*80.140*					
	0.0767		101.00							
	78.161		*80.150*							
	0.0715		17.10							
KARUN			10.20							
			75.109							
			56-61							
KAZAN	0.072		17.85	248	7.8			0.28		15.9
	76.131		*78.160*	*78.160*	*78.160*					
	0.0723		14.70							
	82.097		*76.131*							
KELANTAN	0.0138		22	1594	50.3			1.08		48.9
	80.150		*80.150*	*80.150*	*80.150*					
	0.0119		15.00							
	75.109		*78.161*							
KEM	0.0277		8.18	295	9.3					
	96.005		*96.005*	*96.005*	*96.005*					
KEMIJOKI	0.0514	17.4	17.13	333	10.5			0.57		33.6
	87.185	*94.034*	*87.185*	*87.185*	*87.185*					
	0.0520		16.6							
	86.116		*91.081*							
	78.090		16.9							
			86.116							
KENNEBEC	0.0140		15.40	1100	34.7			0.40		26.0
	95.013		*95.013*	*95.013*	*95.013*					
KHATANGA	0.3640	101.0	85.30	234	7.4	1.7		9.38	16.8	110.0
	95.004	*94.034*	*95.004*	*95.004*	*95.004*	*95.004*				*95.004*
	96.003		*96.003*			*96.003*				
KIKORI	0.0132		40.06	3046	96.1			7.10		177.2
	78.161		*78.161*	*78.161*	*78.161*					
			47.30							
			83.046							
KISO	0.0091		10.40	1143	36.1			0.45		43.6
	75.109		*75.109*	*75.109*	*75.109*					
	78.161		11.90							
			60.020							
KITAKAMI	0.0102		9.4	919	29.0			0.78		83.4
	75.109		*75.109*	*75.109*	*75.109*					
	0.0093		*52-65*							
	60.020		11.5							
			60.020							
KIZIL IRMARK	0.0760		5.75	76	2.39	23	0.46	5.50	4000	956.9
	83.244		*83.244*	*83.244*	*83.244*	*92.009*	*92.009*			
	0.08		6.40							
	78.090		*78.090*							
	0.0782		6.20							
	75.109		*75.109*							
			(>66)							
KLAMATH	0.0313	16.2	15.20	486	15.32	2.4		2.39	148.1	157.1
	74.033	*94.034*	*74.033*	*74.033*	*74.033*	*92.009*				
	82.097		11.74							110.0
			82.097							*74.033*
KOBUK	0.0310	16.1	16	516	16.28			1.23		77.0
	95.013	*94.034*	*94.034*	*94.034*	*94.034*					
	0.0246		10.21							
	82.097		*82.097*							
KODORI	0.0020		4	1941	61.23	0.82		0.39	208.1	98.0
	96.003		*96.003*	*96.003*	*96.003*	*96.003*				

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
KOKEMAENJOKI	**0.0271**	**7.1**	**6.85**	**253**	**7.97**					
	87.185	*94.034*	*87.185*	*87.185*	*87.185*					
			61-80							
			6.78							
KOKSOAK	**0.1330**	**54.2**	**76.33**	**574**	**18.10**			**1.64**		**21.6**
	78.160	*94.034*	*78.160*	*78.160*	*78.160*					
	0.1290		**76.00**							
	70.100		*70.100*							
KOLA	**0.0038**		**1.40**	**370**	**11.68**			**0.03**		**23.0**
	96.004		*96.004*	*96.004*	*96.004*					
	55-59		55-59	55-59	55-59					
KOLYMA	**0.6600**	**128.0**	**132.00**	**200**	**6.31**	**16.1**		**9.70**	**125.8**	**73.5**
	95.004	*94.034*	*95.004*	*95.004*	*95.004*	*95.004*				
	0.6470		**135.00**			*96.003*				**54.8**
	78.090		*78.090*			**6**				*95.004*
						92.009				
KONKOURE	**0.0160**		**21.50**	**1344**	**42.4**			**0.38**		**17.9**
	80.147		*80.147*	*80.147*	*80.147*					
KOUILOU	**0.0620**		**34.70**	**560**	**17.7**					
	78.090		*78.090*	*78.090*	*78.090*					
	0.0550		**31.00**							
	78.161		*78.161*							
KOVDA	**0.0214**		**7**	**335**	**10.6**					
	96.005		*96.005*	*96.005*	*96.005*					
KRISHNA	**0.2590**		**30.00**	**116**	**3.7**	**64**	**16**	**9.50**	**2133**	**316.5**
	79.181		*86.071*	*86.071*	*86.071*	*92.009*	*92.009*			
	0.2510		**67.70**				**4**			
	85.198		*85.198*				*87.191*			
	0.2589		**32.40**							
	75.110		*87.191*							
KUBAN	**0.0579**	**13.6**	**13.40**	**231**	**7.3**	**7.7**		**5.46**	**566.2**	**407.3**
	78.090	*94.034*	*78.090*	*78.090*	*78.090*	*92.009*				
	0.0481		**12.37**			**1.3**				
	78.161		*78.161*			*96.003*				
KUSKOKWIM	**0.1230**	**59.9**	**60**	**488**	**15.4**	**7**		**8.68**	**116.9**	**144.7**
	78.090	*94.034*	*86.224*	*86.224*	*86.224*	*92.009*				
	0.0805		51-80	**390**						
	82.097		**40.3**	*82.097*						
			75.109	77-78						
			51-65							
KVICHAK			**18.6**							
			94.034							
KYMIJOKI	**0.0372**	**9.6**	**9.68**	**260**	**8.21**	**0.15**		**0.43**	**15.5**	**44.1**
	87.185	*94.034*	*87.185*	*87.185*	*87.185*					
	0.0378		**9.10**							
	78.090		*86.116*							
LA GRANDE	**0.0976**	**54.2**		**555**	**17.5**					**13.2**
	78.160	*94.034*		*94.034*	*94.034*					
	0.0977	*78.160*								
	70.100									
LANYANG	**0.0010**		**2.84**	**2840**	**89.6**	**8.1**			**2852**	
	95.013		*95.013*	*95.013*	*95.013*					
LEICHHARDT										
LEMPA	**0.0180**		**14.80**	**822**	**25.94**					
	75.109		*75.109*	*75.109*	*75.109*					
			11.86							
			78.161							
LEMRO										
LENA	**2.4900**	**533**	**525**	**211**	**6.65**	**17.6**		**58.75**	**33.0**	**111.9**
	95.004	*94.034*	*95.004*	*95.004*	*95.004*	*95.004*				
	94.021		*96.003*			**12**				**106.0**
	78.090		**514.2**			*92.009*				*95.004*
	2.4300		*78.161*							
	78.161		**532**							
			78.090							

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
LIAO	0.2190		16.20	74	2.33	41		0.03	2531	1.8
	75.109		*75.109*	*75.109*	*75.109*	*92.009*				
	0.2280		15.70							
LICUNGO	0.0277		1.21	44	1.38					
	75.109		*75.109*	*75.109*	*75.109*					
LIELUPE	0.0094		1.79	191	6.01			0.98		546.6
	96.005		*96.005*	*96.005*	*96.005*					
LIGONHA	0.0163		0.82	50	1.59					
	75.109		*75.109*	*75.109*	*75.109*					
LIJOKI	0.0144		5.46	379	12.0					
	87.185		*87.185*	*87.185*	*87.185*					
LIMPOPO	0.4400		26.00	59	1.86	33		6.19	1269	237.9
	78.090		*78.090*	*78.090*	*78.090*	*92.009*				
	0.4120		5.33			34				
	75.109		*75.109*			*84.209*				
	0.1960									
	84.209									
LJUNGAN	0.0128									
	75.109									
LLOBREGAT	0.0049		0.66	135	4.25		0.04		60.6	
	78.162		*78.162*	*78.162*	*78.162*		*78.162*			
LOIRE	0.1120	28.4	26	232	7.32			6.05		232.7
	78.161	*94.034*	*78.161*	*78.161*	*78.161*					
	0.1200		27.40							
	78.090									
LUAN	0.0540		4.20	78	2.45	20		0.02	4762	4.7
	92.003		*92.003*	*92.003*	*92.003*	*92.003*				
										283
										93.029
LUGA	0.0128		2.76	216	6.80			0.57		204.9
	96.005		*96.005*	*96.005*	*96.005*					
LULEALVEN	0.0245	15.8	13.40	547	17.3			0.26		19.6
	76.130	*94.034*	*76.130*	*76.130*	*76.130*					
	0.0223		11.20							
	78.161		*78.161*							
LURIO	0.0610		7.30	120	3.78					
	75.109		*75.109*	*75.109*	*75.109*					
	78.161		*78.161*							
MACKENZIE	1.787	312.5	308	172	5.44	42		64.28	134.4	208.7
	78.160	*94.034*	*86.226*	*86.226*	*86.226*	*92.009*				
	1.670	*78.160*	350	160						
	86.226		*78.090*	*82.097*						
	1.810		306	77-78						
	75.109		*75.109*							
	1.660									
	82.097									
MAE KLONG	0.0270		12.90	478	15.1	8.1			627.9	
	75.109		*75.109*	*75.109*	*75.109*	*69.014*				
	0.0320		31.00							
	80.150		*80.150*							
MAGDALENA	0.2350		237.0	1009	31.8	220		28.00	928.3	118.2
	76.125		*76.125*	*76.125*	*76.125*	*92.009*				
	0.2409		214.5			*91.089*				
	78.161		*91.089*							
	0.2600									
	91.089									
MAHAKAM	0.0653		87	1332	42.0			3.62		41.7
	78.161		*80.150*							
	80.148		*80.148*							
	80.150									

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
MAHANADI	0.1416		66	466	14.7	60		9.73	909.1	147.4
	79.181		*79.181*	*79.181*	*79.181*	*92.009*				
	0.1320		54.50			30.7				
	78.161		*87.191*			*87.191*				
	0.0880		67.07			61				
	87.191		*78.161*			*68.025*				
						15.74				
						90.171				
MAHI	0.0255		10.80	424	13.36		9.7		898.1	
	87.191		*87.191*	*87.191*	*87.191*		*87.191*			
	0.0376									
	75.110									
MAIPO	0.0150		3.58	239	7.53			2.54		708.9
	75.109		*75.109*	*75.109*	*75.109*					
			14-52							
MAJES	0.0173		2.95	171	5.38					
	75.109		*75.109*	*75.109*	*75.109*					
MAMBERAMO	0.0776		130.0	1675	52.8					
	78.090		*78.090*	*78.090*	*78.090*					
	0.0527									
	78.161									
MANA	0.012		11.9	992	31.3	0.10			8.4	
	95.012		*95.012*	*95.012*	*95.012*	*88.208*				
	88.208		8.00							
			88.208							
MANANARA SUD	0.0140		7.25	518	16.3					
	93.021		*93.021*	*93.021*	*93.021*					
	0.0142		7.17							
	91.080									
MANAVGAT	0.0013		4.07	3074	97.0			0.90		221.1
	83.244		*84.211*	*84.211*	*84.211*					
MAND										
MANDRARE	0.0124		2.30	185	5.85					
	91.080		*91.080*	*91.080*	*91.080*					
MANGOKY	0.0540		15.55	288	9.08	10			643.1	
	84.209		*84.209*	*84.209*	*84.209*	*84.209*				
	0.0500		14.48							
	78.161		*78.161*							
MANICOUAGAN	0.0458	26.90		587	18.5					9.1
	78.090	*94.034*		*94.034*	*94.034*					
	75.109									
MAPUTO	0.0298		2.80	94	2.96					
	75.109		*75.109*	*75.109*	*75.109*					
MARKHAM	0.0134									
	80.153									
MARONI	0.0658		57.4	872	27.5	1.4		1.44	24.4	25.1
	95.012		*95.012*	*95.012*	*95.012*	*88.208*				
	0.070		54.0							
	88.208		*88.208*							
MAULE	0.0217		12.76	588	18.5					
	75.109		*75.109*	*75.109*	*75.109*					
			47-56	47-56	47-56					
MAZARUNI	0.0140		23.22	1654	52.2			0.71		30.7
	78.161		*78.161*							
			36.10							
			75.109							
MEARIM	0.0900									
	78.090									
MEDJERDA	0.0218		0.95	43	1.37	13.3	>0.35		14074	
	76.126		*76.126*	*76.126*	*76.126*	*68.075*	<4.23			
	78.165		0.90			(5y)	*78.162*			
	0.0230		*78.162*			21				
	78.162					*76.126*				

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
MEGHNA	0.0800		111	1388	43.8					
	68.084		*68.084*	*68.084*	*68.084*					
	0.0950		213							
	79.180		*79.180*							
MEKONG	0.7950		467	587	18.5	150		46.16	321.2	98.9
	68.084		*68.084*	*68.084*	*68.084*	*92.036*				
	80.148		577.30	467						
	0.8100		*80.148*	*75.109*						
	78.090		470.03							
	0.7830		*78.161*							
	92.036									
MENJIANG	0.0610		58.40	957	30.2			2.41		41.3
	87.186		*87.186*	*87.186*	*87.186*					
	0.0608		106							
	75.109		*75.109*							
MERRIMACK	0.0120		6.24	520	16.4					
	74.033		*74.033*	*74.033*	*74.033*					71
	82.097		7.26							*74.033*
			82.097							
MESSALO	0.0240		1.03	43	1.35					
	75.109		*75.109*	*75.109*	*75.109*					
MEUSE	0.0290		10.20	352	11.1	0.7		1.67	68.6	163.4
	78.161		*78.161*	*78.161*	*78.161*	*92.009*				
	0.0490									
	91.081									
MEZEN	0.0564	28	20	355	11.2	0.9		2.09	32.5	104.4
	96.004	*94.034*	*96.004*	*96.004*	*96.004*	*95.004*				137.0
	78.161		20.4							*95.004*
	0.0556		*96.005*							
	96.005		27.20							
	0.0564		*95.004*							
MINDANAO	0.0195		20	1026	32.4					
	80.150		*80.150*	*80.150*	*80.150*					
	80.148		20.50							
			80.148							
MINHO	0.02		13.5	675	21.3			0.63		46.5
	74.111		*74.111*	*74.111*	*74.111*					
MIRA										
MISSISSIPPI	2.980	580	529	178	5.60	500	305	146.1	862.1	276.1
	86.224	*94.034*	*86.224*	*86.224*	*86.224*	*83.055*	*64.035*			
	3.270	*74.033*	51-80				49-61			245.0
	78.090		580				235			*74.033*
	74.033		*78.090*				*68.075*			
	3.217		687				49-66			
	74.034		*74.034*							
MITCHELL	0.0720		11.50	160	5.04			2.15		186.6
	78.161		*78.161*	*78.161*	*78.161*					
MOA	0.0179									
	75.109									
MOBILE	0.1130	59.90	60.00	531	16.7	4.5	4.42	5.33	75.0	88.9
	74.034	*94.034*	*86.224*	*74.034*	*74.034*	*92.009*	*64.035*			61.0
	0.1088		54.70			*76.132*	52-60			*74.033*
	78.161		*74.034*							
			51.70							
			78.161							
MOGAMI	0.0064		11.3	1755	55.4			0.88		77.7
	60.020		*60.020*	*60.020*	*60.020*					
MOISIE	0.0192	15.50	15.50	808	25.5			0.28		18.3
	86.172	*94.034*	*75.109*	*75.109*	*75.109*					
	0.0190		<72							
	75.109									
MONO	0.0220		3.50	159	5.02					
	75.109		*80.147*	*80.147*	*80.147*					
	80.147									

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
MOOSE	**0.1090**	**45.40**	**43.50**	**399**	**12.6**	**0.4**		**5.79**	**8.8**	**133.2**
	78.160	*94.034*	*75.109*	*75.109*	*75.109*	*92.009*				
	0.1080	*78.160*								
	75.109									
MOTAGUA	**0.0140**		**5.96**	**426**	**13.4**					
	75.109		*75.109*	*75.109*	*75.109*					
MOULOUYA	**0.0510**		**1.58**	**31**	**0.98**	**6.6**			**4177.2**	
	92.009		*92.009*	*92.009*	*92.009*	*92.009*				
	0.0537		**1.57**		**1.38**					
	75.109		*76.126*		*75.109*					
	0.0520		*79.179*							
	78.162		**0.50**							
			78.162							
MURCHISON	**0.0680**									
	78.090									
MURRAY	**1.0600**	**23.6**	**7.90**	**7**	**0.24**	**30**		**3.02**	**1271.2**	**381.7**
	94.017	*78.090*	*94.017*	*94.017*	*94.017*	*92.009*				
	93.012		74-86			**31.7**				
	1.0570					*68.075*				
	78.090					60-64				
	1.140									
	94.021									
	1.060									
MUSA	**0.005**									
	80.113									
MUSI	**0.0567**		**80.40**	**1418**	**44.7**			**3.49**		**43.4**
	78.161		*80.150*	*80.150*	*80.150*					
	80.148		*80.148*							
	0.0460									
N. DVINA	**0.3480**	**105**	**110**	**316**	**9.97**	**4.5**		**19.57**	**42.9**	**177.9**
	96.004	*94.034*	*96.004*	*96.004*	*96.004*	*92.009*				
	0.3570		*95.004*	47-75	47-75	**3.8**				**225.0**
	78.090		**108.0**			*95.004*				*95.004*
	95.004		*78.090*							
NADYM	**0.0480**	**19.20**	**14.80**	**308**	**9.73**	**0.4**		**0.14**	**20.8**	**9.3**
	96.005	*94.034*	*96.005*	*96.005*	*96.005*	*95.004*				
	0.0640									
	95.004									
NAG DONG	**0.0240**		**11.80**	**492**	**15.5**	**10**			**847.5**	
	92.009		*92.009*	*92.009*	*92.009*	*92.009*				
	0.02292									
	78.161									
NAGAVALI	**0.0094**									
	79.181									
NARMADA	**0.099**	**40.70**	**39.00**	**394**	**12.4**	**125**	**30.7**	**11.12**	**3071.3**	**285.2**
	79.181	*79.181*	*78.090*	*78.090*	*78.090*	*92.009*	*87.191*			
	0.090		**54.50**							
	87.191		*87.191*							
	0.1020		**21.83**							
	78.090		*78.161*							
	0.1212									
	78.161									
NARVA	**0.0560**	**14.20**	**10.60**	**189**	**5.97**					
	96.005	*94.034*	*96.005*	*96.005*	*96.005*					
NASKAUPI			**11.00**							
			94.034							
NASS	**0.0207**	**28.10**	**28.13**	**1359**	**42.9**					
	78.160	*94.034*	*78.160*	*78.160*	*78.160*					
	0.0550		**30.00**							
	78.090		*78.090*							
NATASHQUAN	**0.0161**	**13.30**		**826**	**26.1**					**8.8**
	86.172	*94.034*		*94.034*	*94.034*					
	0.0160	*78.160*								
	75.109									

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
NECHES	**0.0206**		**5.40**	**262**	**8.27**			**0.48**		**88.8**
	74.033		*74.033*	*74.033*	*74.033*					**92**
	82.097		**2.99**	**145**						*74.033*
			82.097	*82.097*						
				77-78						
NEGARA										**95.9**
NEGRO ARG	**0.0970**		**29.50**	**304**	**9.59**	**13.4**		**5.41**	**454.2**	**183.5**
	68.063		*68.063*	*68.063*	*68.063*	*68.063*				
	0.1300					**1.35**				
	78.090					*69.061*				
NELSON	**1.1320**	**83.30**	**89.3**	**79**	**2.49**			**21.04**		**235.7**
	78.160	*94.034*	*78.160*	*78.160*	*78.160*					
	1.0100		**110**							
	82.097		*82.097*							
	1.0700		**86.0**							
	78.090		*78.090*							
NEMANUS	**0.0982**	**19.60**	**17.20**	**175**	**5.53**	**0.66**		**7.66**	**33.7**	**445.1**
	84.212	*94.034*	*84.212*	*84.212*	*84.212*	*96.003*				*84.212*
	0.0980		**20.60**							46-65
	78.090		*78.090*							
			21.8							
			91.081							
NERETVA	**0.0127**	**11.9**	**11.20**	**882**	**27.8**					
	84.211	*94.034*	*84.211*	*84.211*	*84.211*					
	75.109		**11.90**							
			75.109							
NEUSE	**0.0070**		**2.5**	**357**	**11.3**			**0.16**		**65.5**
	95.013		*95.013*	*95.013*	*95.013*					
	74.033		**2.6**							
			74.033							
NEVA	**0.2820**	**78.50**	**80.40**	**285**	**8.99**	**0.82**		**5.39**	**10.4**	**67.0**
	84.212	*94.034*	*84.212*	*84.212*	*84.212*	*96.003*				
	0.2810		**82.60**							**52.0**
	78.090		*78.090*							*84.212*
	91.081		**80.13**							46-65
			78.161							
NICKERIE	**0.0100**		**6.00**	**600**	**18.9**	**0.20**			**33.3**	
	88.208		*88.208*	*88.208*	*88.208*	*88.208*				
NIGER	**1.200**		**154.1**	**128**	**4.05**	**40**		**9.12**	**259.5**	**59.2**
	91.090		*91.090*	*91.090*	*91.090*	*92.009*				
	1.1250		**168.10**							
	80.147		*80.147*							
	1.2150		**192.10**							
	78.161		*78.161*							
NILE	**2.8700**	**83.20**	**0.3**	**0.10**	**0.003**	**120**		**0.12**	**1442**	**387.6**
	78.090	*93.027*	*93.027*	*78.161*	*78.161*	*92.009*	*92.009*			
	2.960	**73.10**								
	78.161	*78.090*								
NIVA	**0.0128**		**5.04**	**394**	**12.42**					
	96.005		*96.005*	*96.005*	*96.005*					
NOATAK		**11**								
		94.034								
NOTTAWAY	**0.0658**	**35.60**	**37.50**	**570**	**18.0**	**1.0**		**1.43**	**28.1**	**38.1**
	75.109	*94.034*	*75.109*	*75.109*	*75.109*	*92.009*				
	<72	*78.160*	*<72*							
	78.160									
NTEM	**0.0310**		**9.10**	**294**	**9.26**					
	80.147		*80.147*	*80.147*	*80.147*					
	0.0180		**8.70**							
	78.161		*75.109*							
	0.0320		*53-66*							
			9.00							

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
NUECES	**0.0404**		**0.725**	**18**	**0.57**			**0.58**		**795.1**
	82.097		*74.033*	*74.033*	*74.033*					
	0.0430		**0.606**							
	74.033		*82.097*							
NUSHAGAK	**0.0347**	**31.50**	**32.1**	**925**	**29.2**					
	86.224	*94.034*	*86.224*	*86.224*	*86.224*					
			51-80							
NYANGA	**0.0208**		**16.10**	**774**	**24.4**					
	75.109		*75.109*	*75.109*	*75.109*					
	0.0200		*80.147*							
	78.161		**16.00**							
			20.50							
			78.161							
NYONG	**0.0190**		**6.10**	**321**	**10.1**					
	80.147		*80.147*	*80.147*	*80.147*					
	0.0137		**9.90**							
	75.109		*75.109*							
			40-66							
NZI										
OB	**2.9900**	**404**	**404**	**135**	**4.26**	**16.5**		**53.69**	**40.8**	**132.9**
	96.003	*94.034*	*96.003*	*96.003*	*96.003*	*95.004*				
	2.4300		**400**			**16**				
	96.004		*96.004*			*92.009*				
	2.5500		**429**							
	95.004		*95.004*							
ODRA	**0.1120**	**18.30**	**16.60**	**148**	**4.68**	**0.13**		**8.78**	**7.1**	**528.7**
	78.090	*94.034*	*78.090*	*78.090*	*78.090*	*92.009*				
			15.90			*69.014*				
			78.161			61-64				
OGOOUE	**0.2050**		**150.1**	**732**	**23.1**					
	80.147		*80.147*	*80.147*	*80.147*					
	78.161		**149**							
			78.161							
OLENEK	**0.2190**	**34.40**	**35.80**	**163**	**5.16**	**1.1**		**4.06**	**32.0**	**113.4**
	95.004	*94.034*	*95.004*	*95.004*	*95.004*	*95.004*				**117.0**
	0.1810		**25.50**							*95.004*
	78.161		*78.161*							
OLFUSA	**0.0062**	**13.90**	**13.90**	**2242**	**70.7**			**0.97**		**69.9**
	94.030	*94.034*	*94.030*	*94.030*	*94.030*					
	0.0058		**12.00**							
	78.161		*78.161*							
OLIFANTS										
OMOLOY	**0.0390**		**7.00**	**179**	**5.66**	**0.13**			**18.6**	
	95.004		*95.004*	*95.004*	*95.004*	*96.003*				*95.004*
	96.003		*96.003*							
ONEGA	**0.0557**	**15.80**	**15.40**	**276**	**8.72**	**0.3**		**2.54**	**19.0**	**164.7**
	96.005	*94.034*	*96.005*	*96.005*	*96.005*	*95.004*				**192.0**
	95.004		**15.20**							*95.004*
			95.004							
ONILAHY	**0.0278**									
	93.021									
ORANGE	**1.0000**		**11.36**	**11**	**0.36**	**89**	**17**	**2.08**	**7834.5**	**183.2**
	91.090		*91.090*	*91.090*	*91.090*	*92.009*	*92.009*			
	1.0200		*78.161*							
	78.090		**15.30**							
	0.6040		*78.090*							
	75.109									
ORD	**0.0460**		**3.95**	**86**	**2.71**	**20**			**5063.3**	
	75.109		*75.109*	*75.109*	*75.109*	*92.009*				
	92.009		30-65							

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
ORINOCO	**1.1000**		**1135**	**1032**	**32.5**	**150**		**28.19**	**132.2**	**24.8**
	89.119		*89.119*	*89.119*	*89.119*	*92.009*				
	0.9500		**946.4**			*91.089*				
	76.125		*76.125*							
	0.9930		**1070.4**							
	78.161		*78.161*							
OUEME	**0.0500**		**5.70**	**114**	**3.60**					
	80.147		*80.147*	*80.147*	*80.147*					
	0.0236									
	75.109									
OULUJOKI	**0.0229**		**7.82**	**341**	**10.8**			**0.17**		**21.2**
	85.080		*85.080*	*85.080*	*85.080*					
	87.185		**8.01**							
			87.185							
OUM ER RBIA	**0.0306**		**3.69**	**121**	**3.80**					
	73.106		*73.106*	*73.106*	*73.106*					
	0.0344		**4.10**							
	78.090		*78.090*							
OYAPOK	**0.0269**		**28.30**	**1052**	**33.2**	**0.50**			**17.7**	
	95.012		*95.012*	*95.012*	*95.012*	*88.208*				
	0.0270		**19.00**							
	88.208		*88.208*							
PAHANG	**0.0377**		**40.00**	**1061**	**33.5**					
	80.150		*80.150*	*80.150*	*80.150*					
	80.148		**41.00**							
	0.0256		*80.148*							
	78.161		**21.14**							
			78.161							
PALAR	**0.0180**		**2**	**99**	**3.12**					
	79.181		*79.181*	*79.181*	*79.181*					
PAMPANGA	**0.0098**		**7.20**	**738**	**23.3**					
	80.148		*75.109*	*75.109*	*75.109*					
	0.0065		44-65	44-65	44-65					
	75.096									
PANGANI	**0.0251**		**0.95**	**38**	**1.19**					
	75.109		*75.109*	*75.109*	*75.109*					
			59-65							
PANUCO	**0.0663**		**17.30**	**261**	**8.23**			**10.39**		**600.5**
	78.161		*78.161*	*78.161*	*78.161*					
			18.90							
			75.109							
PAPALOAPAN	**0.0374**		**41.10**	**1099**	**34.7**					
	75.109		*75.109*	*75.109*	*75.109*					
PARAIBA DO SUL	**0.0570**		**30.60**	**537**	**16.9**			**1.25**		**40.8**
	78.161		*92.045*	*92.045*	*92.045*					
			28.40							
			78.161							
PARANA	**2.7830**		**568**	**204**	**6.44**	**79**		**48.65**	**139.1**	**85.7**
	68.065		*68.065*	*68.065*	*68.065*	*92.009*				
	2.8350		**470**			**116**				
	78.161		*78.161*			*68.063*				
	2.80		**473.2**			**80**				
	91.089		*91.089*			*91.089*				
PARNAIBA	**0.3250**		**32.20**	**99**	**3.13**					
	78.090		*92.045*	*92.045*	*92.045*					
	92.045									
PASAK	**0.0145**		**2.62**	**181**	**5.70**					
	75.109		*75.109*	*75.109*	*75.109*					
PASCAGOULA	**0.0171**	**13.60**	**8.42**	**492**	**15.5**					
	74.033	*94.034*	*74.033*	*74.033*	*74.033*					**100**
	0.0173		**9.00**	**520**						*95.004*
	82.097		*82.097*	*82.097*						*74.033*
				77-78						

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
PATSJOKI	0.0183	5.36	5.69	311	9.81					
	96.005	*94.034*	*96.005*	*96.005*	*96.005*					
	0.0146		4.61							
	87.185		*87.185*							
PATUCA	0.0256		20.00	781	24.6					
	78.161		*78.161*	*78.161*	*78.161*					
PEARL	0.0172		7.80	453	14.3	0.8			102.6	
	74.033		*74.033*	*74.033*	*74.033*	*92.009*				49
	82.097		9.29	540						*74.033*
			82.097	*82.097*						
				77-78						
PECHORA	0.3240	129	131	404	12.75	6.5		9.80	50.4	74.8
	95.004	*94.034*	*95.004*	*95.004*	*95.004*	*92.009*				67.5
	0.2480		110			13.5				*95.004*
	96.004		*96.004*			*95.004*				
	0.3220		106							
	78.090		*78.161*							
PEE DEE	0.0230	17.40	8.20	357	11.2	0.4		0.47	23.0	57.0
	74.031	*94.034*	*74.031*	*74.031*	*74.031*					38
	0.0328		11.71							*74.031*
	82.097		*82.097*							
PEEL	0.071		25	345	10.9			5.79		236.5
	86.226		*86.226*	*86.226*	*86.226*					
PEINAN	0.0016		3.76	2350	74.1	24			6383.0	
	75.109		*75.109*	*75.109*	*75.109*					
PENNER	0.0550		3.24	59	1.86		6.9		2129.6	
	79.181		*79.181*	*79.181*	*79.181*		*87.191*			
	0.0480		5.20							
	87.191		*87.191*							
	0.0552									
	75.110									
PENOBSCOT	0.0173	14.20	10.60	613	19.3			0.43		40.6
	74.033	*94.034*	*74.033*	*74.033*	*74.033*					55
	82.097		11.59							*74.033*
			82.097							
PENZHINA	0.0716	22.7	22.8	318	10.0		0.93	0.83	41.0	30.9
	96.005	*94.034*	*96.005*	*96.005*	*96.005*		*96.005*			
PERAK										
PERIYAR	0.0052		12.3	2365	74.62					
	79.181		*79.181*	*79.181*	*79.181*					
PETIT -	0.0196	16.5	16.2	827	26.07			0.14		8.4
MECATINA	*75.109*	*94.034*	*75.109*	*75.109*	*75.109*					
	78.160	*78.160*	<72							
	0.01958									
	86.172									
PETITE RIVIERE BALEINE										
PINIOS										
PITALVEN	0.0112	4.90		438	13.8					20.9
	75.109	*94.034*		*94.034*	*94.034*					
PIURA	0.0126		0.84	66	2.09					
	75.109		*75.109*	*75.109*	*75.109*					
PO	0.0700	46.00	48.90	699	22.0	15.2		17.31	330.4	354.0
	84.211	*94.034*	*84.211*	*84.211*	*84.211*	*69.061*				
	0.0667		46.70			15.1				
	85.200		*75.109*			*68.075*				
			18-64			56-62				
PONNAIYAR	0.0160		1.6	100	3.15					
	79.181		*79.181*	*79.181*	*79.181*					
PONOI	0.0153		5.14	336	10.60					
	96.005		*96.005*	*96.005*	*96.005*					

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
POTOMAC	0.0300	11.00	9.65	322	10.15	0.72		1.61	65.5	166.4
	74.033	94.034	74.033	74.033	74.033					
	0.0299		9.30	345		2.25				182
	82.097		78.161	82.097		68.075				74.033
			10.32	77-78						
			82.097							
POVUNTNITUK			11.0							
			94.034							
PRA	0.0230		9.10	396	12.48	6.1			670.3	
	80.147		80.147	80.147	80.147	84.219				
	0.0208									
	84.219									
PREGOLYA										460.0
PROGO	0.0025							1.80		164.9
	75.109									
PULANGUI	0.0130		11.00	846	26.7					
	75.109		75.109	75.109	75.109					
			55-65							
PUNGOE	0.0290		3.1	107	3.37					
	95.013		95.013	95.013	95.013					
PUR	0.0951	33.10	28.10	295	9.32	0.6		0.28	18.1	9.9
	96.005	94.034	96.005	96.005	96.005	95.004				
	78.161		34.30							
	0.112		95.004							
	95.004		27.90							
	78.090		78.161							
PURARI	0.0306		84.13	2751	86.8	80		10.58	950.9	125.8
	78.161		83.046	83.046	83.046	92.009				
	0.0286		77.30							
	75.109		78.161							
PYASINA	0.1250	71.30	56.20	450	14.2	3.4			47.7	
	96.005	94.034	96.005	96.005	96.005	95.004				
	0.1820		86.00							
	95.004		95.004							
QUOICH	0.0287		5.31	185	5.84			0.03		5.4
	82.097		82.097	82.097	82.097					
				77-78						
RAJANG										
RAMU			15.77							
			83.046							
RAPEL	0.0135		25.20	1867	58.9					
	75.109		75.109	75.109	75.109					
			46-86							
RED	0.2400		55.50	231	7.29					
	86.224		86.224	86.224	86.224					
	51-80		51-80							
	0.2268		163.30							
	82.097		82.097							
RESCATA	0.0031		1.70	544	17.2	11			6470.6	
	76.126		76.126	76.126	76.126	76.126				
RHINE	0.2240	69.40		310	9.8	3.41		60.55	49.1	599.5
	78.090	94.034		94.034	94.034	92.049			36.4	
	0.1600		101			2.71			89.173	
	78.161		78.090			89.173				
	0.2200		80			2.75				
			78.161			69.014				
RHONE	0.0956	59.90	54.01	565	17.8	31		18.26	517.5	339.1
	84.211	94.034	84.211	84.211	84.211	92.009				
	0.0990		54.80							
	78.090		78.090							

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
RIO GRANDE (US)	**0.8700**	**18**	**0.72**	**1**	**0.03**	**20**	**0.8**	**0.57**	**1111.1**	**796.5**
	86.224	*94.034*	*74.033*	*74.033*	*74.033*	*92.009*	*92.009*			**559**
	0.6700		**3.88**	**4**						*74.033*
	92.009		*78.161*	*82.097*						
	0.5700		**3.15**	77-78						
	78.090									
	0.4670									
	74.033									
RIONI	**0.0134**	**13.20**	**12.90**	**963**	**30.37**	**6.8**		**2.76**	**515.2**	**209.6**
	96.003	*94.034*	*96.003*	*96.003*	*96.003*	*96.003*				
	0.013		**12.5**			**3.5**				
	78.090		*78.090*			*92.009*				
ROANOKE	**0.0218**		**7**	**321**	**10.1**	**2**			**285.7**	
	74.033		*74.033*	*74.033*	*74.033*					
	82.097		**7.63**							
			82.097							
ROGUE	**0.0102**		**5.36**	**525**	**16.6**			**0.52**		**97.7**
	74.033		*74.033*	*74.033*	*74.033*					**73**
	82.097		**3.32**							*74.033*
			82.097							
			77-78							
ROMAINE	**0.0142**									**9.6**
	86.172									
ROPER										
RUFIJI	**0.1780**		**35.20**	**198**	**6.24**	**17**		**2.96**	**483.0**	**84.0**
	78.090		*78.090*	*78.090*	*78.090*	*92.009*				
	84.209		**30.70**		**30.30**	*84.209*				
	0.1800		**9.12**		*75.109*					
	94.021		*78.161*		59-65					
RUPERT	**0.0430**	**27.70**	**27.69**	**644**	**20.3**			**0.56**		**20.4**
	75.109	*94.034*	*78.160*	*78.160*	*78.160*					
	78.160									
RUVUMA	**0.1550**		**2.25**	**15**	**0.46**					
	75.109		*75.109*	*75.109*	*75.109*					
	0.1450		59-65							
	78.090									
SABARMATI	**0.0217**									
	75.110									
SABINE	**0.0242**		**4.24**	**175**	**5.53**	**0.75**		**0.35**	**176.9**	**81.9**
	74.033		*82.097*	*82.097*	*82.097*	*92.009*				*74.033*
	82.097		77-78	77-78	77-78	**0.66**				
						68.075				
SACRAMENTO	**0.0700**		**20.50**	**293**	**9.24**	**2.3**	**2.58**	**2.29**	**112.2**	**112.0**
	74.034		*74.034*	*74.034*	*74.034*		*64.035*			**96**
	0.0609		*74.032*				56-60			*74.033*
	82.097		**16.70**							
	0.0550									
	78.161									
SAGUENAY	**0.0881**	**55.50**	**55.20**	**627**	**19.8**	**0.4**		**1.42**	**7.2**	**25.7**
	75.109	*94.034*	*75.109*	*75.109*	*75.109*	*92.009*				
	78.160		**55.51**							
			78.160							
SAINT AUGUSTIN	**0.0099**									**10.1**
	86.172									
SAINT JOHN	**0.0554**	**34.70**	**35.60**	**643**	**20.27**			**1.60**		**44.9**
	75.109	*94.034*	*75.109*	*75.109*	*75.109*					
	0.0399									
	82.097									
	0.0550									
	78.090									
SAINT JOHN'S	**0.0227**		**16.12**	**711**	**22.43**					
	82.097		*82.097*	*82.097*	*82.097*					
			77-78	77-78	77-78					

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
SAINT LAWRENCE	**1.020**	**341**	**337**	**330**	**10.42**	**4**		**61.74**	**11.7**	**183.2**
	79.101	*94.034*	*79.101*	*79.101*	*79.101*	*92.009*				
	1.290		**439**			**3.6**				
	78.090		*78.090*			*68.075*				
	1.026		**311**							
	75.109		*75.109*							
	-72		-72							
SAKARYA	**0.0553**		**5.87**	**106**	**3.35**	**8.8**	**6.2**	**2.94**	**1499.1**	**500.8**
	83.244		*83.244*	*83.244*	*83.244*	*92.009*	*92.009*			
	0.0460		**4.10**		*89.175*					
	92.009		*75.109*							
			<68							
			6.41							
			92.009							
SALADO (Arg)										
SALINAS	**0.0105**		**0.50**	**48**	**1.50**					
	82.097		*82.097*	*82.097*	*82.097*					
			66-84	77-78						
SALWEEN	**0.3250**		**211.0**	**649**	**20.5**			**64.57**		**306.0**
	78.090		*78.090*	*78.090*	*78.090*					
SAN ANTONIO	**0.0100**		**0.72**	**72**	**2.27**					
	74.033		*74.033*	*74.033*	*74.033*					*74.033*
	0.01016		**0.86**							
	82.097		*82.097*							
SAN JOAQUIN	**0.0800**	**18.00**	**4.00**	**50**	**1.58**		**0.35**	**1.68**	**19.4**	**421.2**
	78.090	*78.090*	*74.033*	*74.033*	*74.033*		*64.035*			**330**
	0.0350	30-83					56-60			*74.033*
	82.097									
SAN JUAN	**0.0296**		**17.80**	**601**	**19.0**	**4.9**			**275.3**	
	75.109		*75.109*	*75.109*	*75.109*					
	0.0265		**24.90**							
	0.0389		**51.10**							
	76.125		*76.125*							
SANAGA	**0.1193**		**55**	**461**	**14.5**	**2.8**		**2.58**	**50.9**	**47.0**
	77.021		*77.021*	*77.021*	*77.021*	*92.009*				
	0.1350		**65.00**			**5.75**				
	78.090		*80.147*			*77.021*				
	80.147		**67.90**							
			78.090							
SANTA	**0.0117**		**4.70**	**402**	**12.7**					
	75.109		*75.109*	*75.109*	*75.109*					
SANTA CLARA	**0.0042**		**5.88**	**1400**	**44.2**	**6.0**			**1020.4**	
	92.009		*92.009*	*92.009*	*92.009*					
SANTA CRUZ	**0.0155**		**21.30**	**1374**	**43.35**					
	78.161		*78.161*	*78.161*	*78.161*					
SANTEE	**0.0386**	**17.70**	**14.60**	**378**	**11.93**	**1**	**0.1**	**0.88**	**56.5**	**60.2**
	77.068	*94.034*	*77.068*	*77.068*	*77.068*					
SAO FRANCISCO	**0.6300**		**90.00**	**143**	**4.51**	**6**		**5.91**	**66.7**	**65.7**
	92.046		*92.046*	*92.046*	*92.046*	*92.009*				
	0.6200		**97.00**							
	78.161		*78.161*							
			118.6							
			91.089							
SARAMACCA	**0.0120**		**8.00**	**667**	**21.0**	**0.20**			**25.0**	
	88.208		*88.208*	*88.208*	*88.208*	*88.208*				
SASSANDRA	**0.0750**		**18.10**	**241**	**7.61**			**1.29**		**71.5**
	94.035		*94.035*	*94.035*	*94.035*					
	0.0800		**11.40**							
	80.147		*80.147*							
	0.0660		**13.41**							
	80.147		*78.161*							

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
SAVANNAH	0.0255	11.60	10.60	416	13.1	2.8	1	0.60	241.4	56.6
	74.031	*94.034*	*74.031*	*74.031*	*74.031*	*92.009*	*92.009*			47
	0.0272		10.45							*74.033*
	78.090		*82.097*							
SAVE	0.1070		5.00	47	1.47					
	78.090		*75.109*	*75.109*	*75.109*					
	0.0880		*78.161*							
	75.109									
	0.1009									
	78.161									
SAVIO	0.0060					11				
	92.009									
SCHELDT	0.0114		6.00	526	16.6	1		2.75	166.7	457.5
						92.009				
SEAL			11.50					0.36		31.5
			94.034							
SEBOU	0.0390		63.00	1615	50.96		26	0.67	412.7	10.6
	75.109		*75.109*	*75.109*	*75.109*		*89.014*			
SEGURA	0.0149		0.95	64	2.01					
	76.126		*76.126*	*76.126*	*76.126*					
	77.142		0.23							
	0.0161		*75.109*							
			28-70							
SEINE	0.0786		15.80	201	6.34		0.7	7.69	44.3	486.5
	78.090		*94.034*	*94.034*	*94.034*		*95.040*			
	0.0650		8.60				59-94			
	78.161		*78.161*							
	0.060		14.2							
	94.036		*94.036*							
SEMANI	0.0053		3.56	672	21.2	22			6179.8	
	84.211		*84.211*	*84.211*	*84.211*	*68.075*				
	77.142		*77.142*			61-63				
						76.126				
SENEGAL	0.4410		24.40	55	1.75	1.9		1.24	77.9	55.0
	80.147		*80.147*	*80.147*	*80.147*	*92.009*				
	78.090		23.20			2.0				
	0.2680		*78.090*			*85.023*				
	78.161		21.70			(2y)				
	91.090		*78.161*							
SEPIK	0.0787		120.0	1525	48.1	8.16		13.67	68.0	113.9
	78.161		*78.161*	*78.161*	*78.161*					
			126.18							
			83.046							
SERAYU	0.0037		5.2	1405	44.3			0.54		103.3
	95.013		*95.013*	*95.013*	*95.013*					
SEVERN (Can)	0.1910	22.80	15.20	80	2.51					
	78.160	*94.034*	*75.109*	*75.109*	*75.109*					
	0.1010	*78.160*								
	75.109									
SEVERN (GB)	0.0068		2.58	379	12.0	0.44			170.5	
	92.009		*92.009*	*92.009*	*92.009*	*92.009*				
	0.0043		1.17							
	78.161		*78.161*							
SEYBOUSSE	0.0060		0.41	68	2.16					
	77.142		*77.142*	*77.142*	*77.142*					
SEYHAN	0.0193		4.80	249	7.85		5.2	1.34	1083.3	279.7
	83.244		*83.244*	*83.244*	*83.244*		*92.009*			
	0.0204		5.92							
	84.211		*84.211*							
			5.52							
			78.162							
SHANNON	0.0104		5.68	546	17.2					
	78.161		*78.161*	*78.161*	*78.161*					
	0.0157									

The authors would welcome any comments or additional data

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
SHATT EL ARAB	0.5413		45.75	85	2.67	105		18.30	2295	399.9
	78.161		*78.161*	*78.161*	*78.161*	58				
	0.9230		55.50			*68.075*				
	94.021		*75.109*			48-49				
	0.7500		32-66							
	78.090									
SHCHUCHYA	0.0106		3.47	327	10.33					
	96.005		*96.005*	*96.005*	*96.005*					
SHINANO	0.0122		15.90	1303	41.11			1.32		83.3
	75.109		*75.109*	*75.109*	*75.109*					
	78.161		51-65							
			9.82							
			60.020							
SHKUMBINI	0.0019		3.56	1874	59.11	6.8			1910.1	
	78.162		*78.162*	*78.162*	*78.162*	*78.162*				
						76.126				
SIMAV	0.0216		4.37	202	6.38			1.16		265.2
	83.244		*83.244*	*83.244*	*83.244*					
SINNAMARY	0.0065		9.1	1400	44.16					
	95.012		*95.012*	*95.012*	*95.012*					
SITTANG										
SKAGIT	0.0800	15.0	14.6	183	5.76	0.33			22.0	
	92.009	*94.034*	*74.033*	*74.033*	*74.033*	*92.009*				
	82.097		12.5							
			82.097							
SKEENA	0.0550	55.50	54.60	993	31.3	11		3,51	198.2	63.2
	75.109	*94.034*	*75.109*	*75.109*	*75.109*	*92.009*				
	0.0549		55.00							
	78.090		*78.090*							
	78.160		*78.160*							
SKELLEFTALV	0.0105	4.9	3.9	371	11.7			0.08		20.8
	76.130	*94.034*	*76.130*	*76.130*	*76.130*					
SKIENSELVA	0.0103	9.00	6.40	621	19.6	1.49		0.03	165.6	4.9
	93.020	*94.034*	*93.020*	*93.020*	*93.020*	*93.020*				
SNOWY	0.0132		2.07	157	4.95					
	75.109		*75.109*	*75.109*	*75.109*					
SOFIA										
SOLO	0.0160		15.00	938	29.6	19		2.97	1266.7	197.8
	80.150		*80.150*	*80.150*	*80.150*	*92.009*				
	0.0154		23.90							
	75.109		*75.109*							
SOUMMAM	0.0080		0.79	99	3.12					
	77.142		*77.142*	*77.142*	*77.142*					
SOUS	0.0160		0.31	20	0.62		1.6	0.00	5111.8	7.3
	89.014		*89.014*	*89.014*	*89.014*		*92.009*			
STIKINE	0.0530	50.50	50.00	943	29.76	20		5.54	396	110.7
	86.224	*94.034*	*86.224*	*86.224*	*86.224*	*92.009*				
	0.0510		51-80							
	82.097		46.41							
	0.0492		*82.097*							
	78.161									
STRYMON	0.0165		3.50	212	6.69					
	84.211		*84.211*	*84.211*	*84.211*					
			4.10							
			76.126							
			2.30							
			78.162							
SUBARNAREKHA	0.0193	8		411	12.98					
	79.181	*79.181*		*79.181*	*79.181*					
SURINAME	0.0160		11.00	688	21.69	0.30		0.33	27.3	30.2
	88.208		*88.208*	*88.208*	*88.208*	*88.208*				
	78.161		13.90							
			78.161							

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
SUSITNA	0.0502	44.20	45.50	906	28.59	25		5.41	565.6	119.0
	82.097	*94.034*	*86.224*	*86.224*	*86.224*	*92.009*				
	0.0465		51-80							
	78.090		43.67							
			82.097							
SUSQUEHANNA	0.0710	37.80	34.00	479	15.11	1.8		4.24	47.6	124.8
	74.034	*94.034*	*86.224*	*86.224*	*86.224*	*92.009*				135
	82.097		33.20							*74.033*
	0.0725		*74.034*							
	78.090		36.00							
			78.090							
SUWANNEE	0.0252		9.50	377	11.89			1.30		137.3
	74.033		*74.033*	*74.033*	*74.033*					*74.033*
	0.0250		*82.097*							
	82.097									
SWAN-AVON	0.1240		0.88	7	0.22					
	78.161		*78.161*	*78.161*	*78.161*					
TA CHIA CHI	0.0012									
	75.109									
TAKU			18.90							
			94.034							
TAMBO	0.0129		1.05	81	2.57					
	75.109		*75.109*	*75.109*	*75.109*					
TAN SHUI	0.0027		5.94	2200	69.4	11			1852	
	75.109		*75.109*	*75.109*	*75.109*					
TANA (Ken)	0.0420		4.75	113	3.57	32		0.65	6736.8	136.0
	75.109		*75.109*	*75.109*	*75.109*	*92.009*				
	0.0910		33-65							
	78.090									
TANA (Nor)	0.0144	5.90	5.43	377	11.9			0.12		21.8
	87.185	*94.034*	*87.185*	*87.185*	*87.185*					
TANO	0.0160		4.60	288	9.07	0.35			76.1	
	80.147		*80.147*	*80.147*	*80.147*	*92.009*				
	92.009					0.436				
						84.219				
TAPTI	0.0650	18.0	9.70	149	4.71			4.20		432.7
	79.181	*79.181*	*87.191*	*87.191*	*87.191*					
	0.0490									
	87.191									
	0.0659									
	75.110									
TAR	0.0055		2.02	364	11.50	0.11			54.5	
	74.033		*74.033*	*74.033*	*74.033*					
TAUY	0.0251	11.4	11.4	454	14.33		0.484	0.05	42.5	
	96.005	*94.034*	*96.005*	*96.005*	*96.005*		*96.005*			
TAYMYRA	0.1240	31.20		252	7.94					
		94.034		*94.034*	*94.034*					
TAZ	0.1000	48.50	34.10	341	10.76	0.9			18.6	
	96.005	*94.034*	*96.005*	*96.005*	*96.005*	*95.004*				
	0.1500		44.30							
	95.004		*95.004*							
TEJO	0.0762	15.80	9.60	126	3.97			3.14		327.6
	78.161	*94.034*	*78.161*	*78.161*	*78.161*					
	0.0809		19.30							
	78.090		*78.090*							
TENRYU	0.0049		5.0	1027	32.39			0.43		85.8
	60.020		*60.020*	*60.020*	*60.020*					
TENSIFT	0.0200		0.91	46	1.44					
	75.109		*75.109*	*75.109*	*75.109*					
TERENGGANU	0.0133									
	80.148									
TESHIO	0.0058		10.7	1838	58.0			0.75		70.1
	60.020		*60.020*	*60.020*	*60.020*					

The authors would welcome any comments or additional data

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
TEVERE	0.0165		7.38	447	14.1	7.5	0.33	5.87	1016.3	795.5
	84.211		*84.211*	*84.211*	*84.211*	*68.061*	*78.162*			
	0.0172		*75.109*			33-46	71-72			
	78.162		21-64			5.8				
						76.126				
THAANNE			16.0							
			94.034							
THAMES	0.0153		3.17	207	6.54			0.82		259.6
	78.090		*78.090*	*78.161*	*78.161*					
	0.0099		2.81							
	78.161		*78.161*							
THELON	0.1420		25.36	179	5.63			0.64		25.3
	78.160		*78.160*	*78.160*	*78.160*					
	75.109		26.50							
	0.1540		*75.109*							
	82.097		25.41							
			82.097							
THJORSA	0.0072	12.30	12.60	1750	55.2			1.06		84.4
	94.030	*94.034*	*94.030*	*94.030*	*94.030*					*73.109*
	78.161		11.40							
			78.161							
TOCANTINS	0.7570		372	491	15.5	75		15.18	201.6	40.8
	92.046		*92.046*	*92.046*	*92.046*					
	0.7000		347							
	78.161									
TOKACHI	0.0088		10.9	1241	39.2			0.89		81.6
	60.020		*60.020*	*60.020*	*60.020*					
TONE	0.0168		8.28	493	15.5	3		0.91	362.3	110.4
	75.109		*75.109*	*75.109*	*75.109*	*92.009*				
			38-65			3.27				
	0.0158		13.50			*69.061*				
	60.020		*60.020*			2.8				
						68.075				
TORNIONJOKI	0.0395		11.86	300	9.47			0.37		31.6
	78.090		*78.090*	*78.090*	*78.090*					
	0.0401									
TRENT	0.0082		2.00	244	7.69					
	78.161		*78.161*	*78.161*	*78.161*					
TRINITY	0.0440		6.30	143	4.52					
	74.033		*74.033*	*74.033*	*74.033*					241.0
	0.0445		4.23							*74.033*
	82.097		*82.097*							
TSENGWEN	0.0012					31				
	75.109									
TSIRIBIHINA	0.0450		31.30	696	21.9					
	91.080		*91.080*	*91.080*	*91.080*					
	93.021		*93.021*							
TUGUR	0.0120		6.31	526	16.6		0.150		23.8	
	96.005		*96.005*	*96.005*	*96.005*		*96.005*			
TULOMA	0.0215		7.09	330	10.4					
	96.005		*96.005*	*96.005*	*96.005*					
TURIA	0.0064		0.46	72	2.27					
	78.162		*78.162*	*78.162*	*78.162*			*78.162*		
UDA	0.0613	25.20		411	13.0					
		94.034		*94.034*	*94.034*					
ULUA	0.0273		21.10	773	24.4					
	75.109		*75.109*	*75.109*	*75.109*					
UME-VINDEALVEN	0.0270		14	519	16.36			0.38		27.3
	95.013		*95.013*	*95.013*	*95.013*					
UMPQUA	0.0095		6.68	703	22.18			0.50		74.3
	74.033		*74.033*	*74.033*	*74.033*					58
	82.097									*74.033*

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Annex IX Suspended and dissolved loads

Rivers	A M km²	Q nat. km³/a	Q act. km³/a	q1 mm/a	*q2 L/s/km²	Ms nat. Mt/a	Ms act. Mt/a	*Md Mt/a	*TSS mg/L	*TDS mg/L
URUGUAY	0.2400		145	604	19.06	11		10.90	75.9	75.2
	90.030		*90.030*	*90.030*	*90.030*	*92.009*				
	0.3100		173.5			16.5				
	78.161		*78.161*			*68.063*				
USUMACINTA	0.0477		55.52	1164	36.72			13.30		239.5
	78.161		*78.161*	*78.161*	*78.161*					
VAMSADHARA	0.0110		3.5	318	10.0					
	79.181		*79.181*	*79.181*	*79.181*					
VAR	0.0018		1.26	688	21.7	7.5			5952.4	
	76.126		*76.126*	*76.126*	*76.126*	*76.126*				
VELLAR	0.0086		0.85	99	3.12					
	79.181		*79.181*	*79.181*	*79.181*					
VENTA	0.0083		2.0	240	7.58		0.064	0.80	32.0	399.4
	96.005		*96.005*	*96.005*	*96.005*		*96.005*			
VICTORIA	0.0770		6.16	80	2.52					
	78.090		*78.090*	*78.090*	*78.090*					
VIJOSE	0.0052		5.77	1110	35.0					
	84.211		*84.211*	*84.211*	*84.211*					
	77.142		*77.142*							
VOLTA	0.3940		36.8	93	2.95	19	1.6	2.06	516.3	56.0
	80.147		*86.227*	*86.227*	*86.227*	*92.009*	*96.006*			
	78.090		40.6			2.8				
			78.090			*96.006*				
	0.3980		36.6							
	78.161		*78.161*							
VORONYA	0.0086		3.24	375	11.8					
	96.005		*96.005*	*96.005*	*96.005*					
WAIAU	0.0071		15.2	2141	67.5		2.6	1.32	171.0	86.7
	75.111		*75.111*	*75.111*	*75.111*		*95.013*			
			80.152							
WAIKATO	0.0137		12.1	883	27.9		1.6	1.54	132.2	127.0
	80.152		*80.152*	*80.152*	*80.152*		*95.013*			
	78.090		25.10							
			78.090							
			12.80							
			78.161							
WAIMAKARIRI	0.0032		3.80	1188	37.5		5.3	0.19	1394.7	43.7
	95.013		*95.013*	*95.013*	*95.013*		*95.013*			
WAIPAOA	0.0016					11	9.3			
	95.013					*69.061*	*95.013*			
						69.014				
						(4y)				
WAITAKI	0.0064		12.10	1882	59.36			0.49		40.6
	75.111		*75.111*	*75.111*	*75.111*					
	80.152		*80.152*							
WAMI	0.0365		1.96	54	1.69					
	75.109		*75.109*	*75.109*	*75.109*					
			59-65							
WESER	0.0458	11.30	10.60	231	7.30	0.33		26.11	26.11	2463
	78.161	*94.034*	*78.161*	*78.161*	*78.161*	*92.009*				
	91.081									
WINISK	0.0673	21.90		325	10.3					
	78.161	*78.161*		*78.161*	*78.161*					
	0.0670	*94.034*								
	75.109									
WISLA	0.1980	34.10	32.50	164	5.18	2.5		18.94	73.3	582.9
	78.090	*94.034*	*78.090*	*78.090*	*78.090*	*92.009*				
	0.1945		21-65			1.52				
	78.161		31.86			*68.075*				
			78.161			1.44				
						69.061				
WOURI	0.0083		10.30	1248	39.4					
	75.109		*75.109*	*75.109*	*75.109*					

The authors would welcome any comments or additional data

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Annex IX Suspended and dissolved loads

Rivers	A	Q nat.	Q act.	q1	*q2	Ms nat.	Ms act.	*Md	*TSS	*TDS
	M km²	km³/a	km³/a	mm/a	L/s/km²	Mt/a	Mt/a	Mt/a	mg/L	mg/L
WU CHI	0.0020									
	75.109									
YALU	0.0550		28.80	524	16.52					
	93.029		*93.029*	*93.029*	*93.029*					73.9
										93.029
YANA	0.2380	30.60	34.30	144	4.55	3.5		1.56	114.4	49.7
	95.004	*94.036*	*95.004*	*95.004*	*95.004*	*95.004*				
	0.2160		28.80			3				42.6
	96.004		*96.004*			*92.009*				*95.004*
	78.161		*78.161*							
YENISEY	2.5900		620	239	7.55	5.9		65.84	9.5	109.6
	95.004		*95.004*	*95.004*	*95.004*	*95.004*				100
	2.4400		562			13				*95.004*
	96.004		*96.004*			*92.009*				
	2.6000		*78.161*							
	78.161		610							
			78.090							
YESIL	0.0360		5.67	158	4.97	19	0.36	1.01	3351.0	177.5
	83.244		*83.244*	*83.244*	*83.244*	*92.009*	*92.009*			
	0.0340		5.10							
	92.009		*92.009*							
	0.0361		6							
	75.109		*75.109*							
			(<66)							
YODO	0.0082		9.68	1180	37.2	1.9		0.66	196.3	67.8
	75.109		*75.109*	*75.109*	*75.109*	*92.009*				
			52-65			0.143				
	0.0084		7.63			*69.014*				
	60.020		*60.020*			(1y)				
YUKON	0.8490	201.0	200	236	7.43	60		36.59	300.0	182.9
	86.224	*94.034*	*86.224*	*86.224*	*86.224*	*92.009*				
	0.8450		51-80							
	74.034		195.60							
	0.8310									
	82.097		207.00							
	0.8520		*78.090*							
	78.090									
ZAIRE	3.698		1200	324	10.24	22.8		42.48	19.0	35.4
	94.021		*93.010*	*93.010*	*93.010*	*95.009*				
	93.010		1283			43				
	3.8220		*80.147*			*92.009*				
	78.090		1414			30.6				
			78.090			*93.010*				
			1250							
			78.161							
ZAMBEZI	1.3300		106	80	2.51	20		8.51	188.7	80.3
	78.090		*78.090*	*78.090*	*78.090*					
	1.2000		223							
	78.161		*78.161*							
ZEROUD	0.0090		0.05	5	0.16	1.8			38298	
	71.100		*71.100*	*71.100*	*71.100*					
ZHUJIANG	0.437		363	831	26.2	69		58.44	190.1	161.0
	78.090		*78.090*	*78.090*	*78.090*	*92.009*				
	0.464		302			110				
	94.021					*92.003*				
	0.442		388							
			75.109							

The authors would welcome any comments or additional data

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Annex X

GEMS/GLORI Data Base (1995) Dissolved nutrients

Notes to Annex X

Dissolved nutrients

1	2	3	4	5	6	7	8	9	10
Rivers	**SiO_2** mg/L	**N-NO_3^-** mg/L	**N-NH_4^+** mg/L	**P-PO_4^{-3}** mg/L	**DOP** mg/L	**DON** mg/L	**DOC** mg/L	***DIC** mg/L	***TDC** mg/L
RHINE	**5.2**	**3.9**	**0.9**	**0.4**			**5.36**	**31.08**	**36.44**
	89.173	*89.173*	*83.247*	*89.173*					
	75-84	79-83	*79-83*	75-84					
	6.08	**3.94**	**0.94**	**0.36**					
	95.001	*95.001*	*89.173*	*95.001*					
	79-84	79-84		79-84					

1. River name: for spelling and synonyms see tables II and III
2. Dissolved reactive silica.
3. Nitrate nitrogen (in mg N/L)
4. Ammonia nitrogen (in mg N/L)
5. Orthophosphate phosphorus (in mg P/L).
6. Dissolved organic phosphorus (in mg P/L).
7. Dissolved organic nitrogen (in mg N/L), usually Nk minus N-NH_4^+.
8. Dissolved organic carbon (in mg C/L).
9. Dissolved inorganic carbon (in mg C/L), calculated from HCO_3^- (see Annex XII).
10. Total dissolved carbon (in mg/L) calculated as DIC + DOC.

A. First line (bold font): selected data

B. Second line (italic): corresponding reference number starting with reference year (see Annex XIV)

C. Third line (normal font): time period of record, when appropriate.

*. Calculated data.

Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
A LA BALEINE		**0.25**						**2.8**	
		70.100							
		68-69							
ABITIBI									
ABRA									
ADIGE		**0.940**	**0.130**	**0.05**	**0.010**	**0.15**		**24.8**	
		85.200	*85.200*	*85.200*	*85.200*	*85.200*			
		70-80	70-80	70-80	70-80	70-80			
ADOUR	**12.0**							**22.0**	
	89.014								
AGANO	**13.8**	**0.13**	**0.05**					**3.32**	
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						
AGNO									
AGUSAN									
AKSU									
ALAZEYA									
ALBANY								**16.7**	
ALIAKMON									
ALSEK									
ALTAMAHA	**11.5**	**0.210**					**8.7**	**5.2**	**13.91**
	77.068	*77.068*					*91.097*		
	75	75							
AMAZON	**6.9**	**0.14**	**0.020**	**0.022**	**0.015**	**0.162**	**4.1**	**4.1**	**8.23**
	92.035	*95.016*	*95.016*	*95.016*	*95.016*	*95.016*	*95.016*		
	11.2	**0.17**		**0.025**			**3.6**		
	79.101	*92.035*		*92.035*			*91.092*		
		88.173		**0.023**			**3.3**		
				88.173			*91.096*		
AMECA	**30.1**							**17.7**	
	71.022								
AMGERMAN								**9.4**	
AMGUEMA	**5.9**	**0.025**		**0.012**				**1.5**	
	95.006	*95.006*		*95.006*					
AMUR	**2.15**	**0.02**	**0.43**	**0.021**				**5.7**	
	96.004	*96.004*	*96.004*	*96.004*					
	80-90	80-90	80-90	80-90					
	2.25	**0.04**	**0.36**	**0.35**					
	95.001	*95.001*	*95.001*	*85.186*					
	80-92	80-92	80-92						
ANABAR	**2.6**	**0.030**	**0.040**	**0.003**	**0.0003**	**0.25**		**6.1**	
	95.006	*95.006*	*95.006*	*95.006*	*95.006*	*95.006*			
				0.006					
				96.003					
ANADYR								**3.3**	
ANDERSON	**2.7**							**27.5**	
	82.205								
	77-79								
ANGHARI									
ANKOBRA									
APPALACHICOLA									
APPROUAGUE	**15.0**							**1.8**	
	74.112								
ARAGUARI									

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Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
ARNAUD		**0.20**						**1.4**	
		70.100							
		68-69							
ARNO		**1.0**	**1.190**	**0.500**	**0.08**	**1.20**		**54.5**	
		91.081	*91.081*	*85.200*	*85.200*	*85.200*			
		77-83	*77-83*						
ASHBURTON									
ASI									
ATRATO									
ATTAWAPISKAT									
AURE									
AUX FEUILLES		**0.16**						**1.6**	
		70.100							
		68-69							
AUX OUTARDES		**0.048**					**4.8**	**0.6**	**5.36**
		86.172					*86.172*		
AXIOS									
BABBAGE									
BACK	**0.4**							**1.2**	
	76.128								
BAKER									
BALSAS		**0.190**	**0.395**	**0.095**				**32.7**	
		95.001	*95.001*	*95.001*					
		79-89	79-85	79-85					
				0.200					
BAN PAKONG	**5.4**	**0.056**		**0.22**					
	88.228	*88.228*		*88.228*					
BANDAMA	**19.9**							**7.0**	
	94.035								
	16.7								
	82.055								
	17.9								
	72.055								
BARITO	**9.3**	**0.110**	**0.010**	**0.005**				**4.1**	
	78.170	*78.170*	*95.001*	*78.170*					
		0.145	79-81	**0.088**					
		95.001		*95.001*					
		79-81		79-81					
BARUMUM									
BERBICE									
BERSIMIS		**0.04**					**5.2**	**0.4**	**5.64**
		86.172					*86.172*		
BETSIAMITES									
BETSIBOKA									
BIO BIO	**19.0**	**0.200**						**6.6**	
	91.098	*91.098*							
BRAHMANI									
BRAHMAPUTRA	**7.8**			**0.060**		**0.042**	**3.2**	**11.4**	**14.61**
	89.049			*87.187*			*91.092*		
				84			**2.5**		
							91.091		
BRANTAS	**45,0**	**0.98**	**0.150**	**0.120**				**28.5**	
	95.001	*95.001*	*95.001*	*95.001*					
	85-93	85-93	85-93	85-93					
	26.8	**0,74**	**0.058**						
	78.170	*78.170*	*78.170*						
BRAZOS (Tex)	**9.06**	**0.370**					**3.25**	**32.8**	**36.02**
	77.068	*77.068*					*76.048*		
	75	75							

The authors would welcome any comments or additional data

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Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
BREEDE									
BROADBACK		**0.17**						**2.3**	
		70.100							
		68-69							
BUG	**0.60**	**0.25**	**0.28**	**0.097**				**63.1**	
	96.004	*96.004*	*96.004*	*96.004*					
	80-90	80-90	80-90	80-90					
BULLER									
BURDEKIN	**18.5**							**30.5**	
	75.115								
BURNETT									
BUYUK MENDERES								**50.4**	
BUZI									
BZYB	**2.6**	**0.50**	**0.56**	**0.006**				**19.4**	
	96.004	*96.004*	*96.004*	*96.004*					
	80-90	80-90	80-90	80-90					
CAGAYAN				**0.218**				**11.8**	
				95.001					
				79-94					
CAPE FEAR	**7.7**	**0.450**						**3.2**	
	77.068	*77.068*							
	75	75							
CAPIM									
CAUWERI	**19**			**0.100**				**34.8**	
	83.241			*92.033*					
	15.3			85-89					
	92.033								
	85-89								
CAVALLY	**18**							**6.5**	
	82.055								
CEYHAN								**25.2**	
CHANG JIANG	**6.5**	**0.319**	**0.319**	**0.020**			**2.07**	**27.7**	**29.54**
	87.186	*95.001*	*95.001*	*95.001*			*93.024*		
	5.7	80-92	80-92	80-92			**13.4**		
	94.013	**0.77**	**0.200**	**0.014**			*91.092*		
		87.186	*94.013*	*87.186*					
		0.460		**0.018**					
		94.013		*94.013*					
CHAO PHRYA	**15.8**	**0.140**	**0.100**	**0.026**				**15.0**	
	59.001	*95.001*	*95.001*	*95.001*					
		79-93	79-93	79-93					
CHELIFF									
CHICO									
CHIRA									
CHO SHUI CHI									
CHOCTAWATCHEE									
CHOWAN									
CHUBUT									
CHURCHILL (Atl)									
CHURCHILL (Hud)	**1.4**	**0.010**	**0.100**	**0.006**				**12.1**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-92	79-92	79-92	79-92					
	3								
	76.128								

The authors would welcome any comments or additional data

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Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
CIMANUK	**19.2**	**0.53**	**0.010**	**0.160**				**15.9**	
	78.170	*95.001*	*95.001*	*95.001*					
		79-81	79-81	79-81					
		0.26		**0.014**					
		78.170		*78.170*					
CITANDUY	**13.3**	**0.36**		**0.007**				**7.1**	
	78.170	*78.170*		*78.170*					
CITARUM	**30**	**0.43**	**0.53**	**0.032**				**10.2**	
	95.001	*95.001*	*95.001*	*95.001*					
	85-94	85-94	85-94	85-94					
	16	**0.52**		**0.012**					
	78.170	*78.170*		*78.170*					
CLARENCE									
CLUTHA	**3.2**							**5.9**	
	85.202								
COCO									
COLORADO (Arg)									
COLORADO (Ari)	**8.75**	**0.35**		**0.100**				**40.4**	
	95.001	*95.001*		*95.001*					
	79-93	79-93		79-93					
	9.3								
	79.101								
	11,0	**0.25**							
	77.068	*77.068*							
	75	75							
COLORADO (Tex)	**10.1**	**0.520**						**38.6**	
	77.068	*77.068*							
	75	75							
COLUMBIA	**9**	**0.200**	**0.010**	**0.014**			**2.7**	**12.4**	**15.09**
	95.001	*95.001*	*95.001*	*95.001*			*91.092*		
	79-93	79-93	79-93	79-93			**2.3**		
	10.5	**0.109**		**0.025**			*81.079*		
	79.101	*82.093*		*82.093*					
	63-67								
COLVILLE								**10.5**	
COMOE	**14.9**							**3.9**	
	82.055								
CONNECTICUT	**5.06**							**5.0**	
	77.068								
COPPENAME	**0.2**	**0.05**		**0.002**					
	82.205	*82.205*		*82.205*					
	77-79	77-79		77-79					
COPPER									
COPPERMINE									
CORANTIJN									
COROCH									
CROSS									
CUANZA									
CUNENE								**6.0**	
CUYUNI								**4.5**	
DALALVEN	**4.8**	**0.13**	**0.014**	**0.002**				**1.6**	
	95.001	*95.001*	*95.001*	*95.001*					
	78-87	78-87	78-87	78-87					
		0.113	**0.019**	**0.004**					
		83.247	*83.247*	*83.247*					
		79-81	79-81	79-81					
DALING									
DALY									

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Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
DAMODAR								**12.2**	
DANUBE	**4.14**	**1.8**		**0.180**	**0.035**	**0.600**	**5.50**	**39.9**	**45.43**
	93.028	*92.044*		*92.044*					
	79-83								
	5	**1.5**		**0.20**					
	79.101	*93.028*		*93.028*					
		79-83		79-83					
DAUGAVA	**2.8**	**0.190**		**0.037**				**26.0**	
	91.035	*91.035*		*91.035*					
DAULE		**0.330**	**0.390**	**0.130**				**12.8**	
		95.001	*95.001*	*95.001*					
		80-83	80-83	80-83					
DELAWARE	**3.5**	**1.0**	**0.030**	**0.040**			**2.80**	**8.8**	**11.61**
	95.001	*95.001*	*95.001*	*95.001*			*95.001*		
	79-93	79-93	79-93	79-93			79-93		
	3.63	**0.9**							
	77.068	*77.068*							
	75	75							
DESEADO									
DIGUL									
DNEPR	**3.4**	**0.21**		**0.036**			**4.9**	**30.0**	**34.92**
	89.060	*89.060*		*89.060*			*96.003*		
	71-80	71-80		71-80					
DNESTR	**4.1**	**1**		**0.056**				**44.7**	
	89.060	*89.060*		*89.060*					
	81-90								
DOCE									
DON	**0.28**	**0.23**	**0.08**	**0.042**			**4.20**	**39.4**	**43.64**
	96.004	*96.004*	*96.004*	*96.004*			*96.003*		
	80-90	80-90	80-90	80-90					
	4.4	**0.4**	**0.070**	**0.134**					
	95.001	*95.001*	*95.001*	*95.001*					
	80-92	80-92	80-92	80-92					
DONG NAI									
DONGJIANG	**11.2**							**4.3**	
	87.186								
	83								
DORDOGNE									
DOURO	**2**							**28.7**	
	69. 066								
DRAA									
DRAMMENSELVA		**0.28**	**0.021**	**0.0016**					
		93.020	*93.020*	*93.020*					
DRINI									
EASTMAIN	**3.0**	**0.10**		**0.022**				**0.6**	
	86.030	*86.030*		*86.030*					
		0.16							
		70.100							
		68-69							
EBRO	**2.55**	**1.5**	**0.1**	**0.029**				**25.9**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-82	79-82	79-82	79-82					
	10.6								
	69.067								
	63								

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Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
EEL									
ELBE		**3.60**	**1.30**	**0.390**			**4.0**	**26.0**	**29.97**
		95.001	*95.001*	*95.001*			*95.001*		
		79-90	79-90	79-90			79-90		
		3.0	**2.1**						
		91.081	*91.081*						
ELLICE	**0.8**							**1.0**	
	82.205								
EMS		**5.390**	**0.330**	**0.285**					
		95.001	*95.001*	*95.001*					
		79-90	79-90	79-90					
ERHIAN									
ESCAMBIA	**7.9**	**0.140**						**5.6**	
	77.068	*77.068*							
	75	75							
ESCONDIDO									
ESMERALDAS									
ESSEQUIBO								**3.4**	
EVROS		**1.4**	**0.05**	**0.36**				**33.4**	
		87.192	*87.192*	*87.192*					
		<84	<84	<84					
FILYOS									
FITZROY EAST	**15**							**18.9**	
	75.115								
FITZROY WEST									
FLINDERS	**14.8**							**15.9**	
	75.115								
FLY	**9**							**15.4**	
	83.058								
FORSTESCUE									
FRASER	**5.46**	**0.099**		**0.050**			**3.70**	**10.1**	**13.79**
	95.001	*95.001*		*95.001*			*77.143*		
	79-91	79-91		79-91					
	4.9								
	60.018								
FUCHUN JIANG	**4.72**	**1.43**	**0.034**	**0.046**					
	93.023	*93.023*	*93.023*	*93.023*					
FUERTE									
FYRIS									
GALANA									
GAMBIA	**10.8**			**0.015**			**2.28**	**4.5**	**6.80**
	84.072			*84.072*			*84.072*		
							2.4		
							91.092		
GAMTOOS									
GANGES	**11.7**			**0.075**		**0.063**	**4.60**	**23.4**	**28.01**
	91.091			*87.187*			*91.092*		
	7.9			84			**2,80**		
	89.049						*91.091*		
	8.0						**4.40**		
	84.221						*87.187*		
	12.8						84		
	72.036								

The authors would welcome any comments or additional data

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Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
GARONNE	**4**	**1.46**	**0.230**	**0.104**				**26.2**	
	82.092	*82.092*	*83.247*	*82.092*					
	75-78	75-78	79-80	75-78					
		2.2		**0.067**					
		83.247		*83.247*					
GASGOYNE									
GAUJA	**3.0**	**0.45**		**0.016**				**37.4**	
	96.004	*96.004*		*96.004*					
	47-88	47-88		47-88					
GEDIZ		**1.65**	**0.05**	**0.19**					
		87.192	*87.192*	*87.192*					
		<84	<84	<84					
GEORGE		**0.15**						**1.8**	
		70.100							
		68-69							
GILBERT									
GIZHIGA									
GLAMA		**0.42**	**0.038**	**0.0075**				**2.6**	
		93.020	*93.020*	*93.020*					
		82-89	82-89	82-89					
		0.32	**0.016**	**0.004**					
		95.001	*95.001*	*95.001*					
		81-86	81-86	81-86					
GLENELG									
GODAVARI	**21.1**	**0.16**						**20.7**	
	83.241	*95.001*							
		80-87							
GOKSU									
GORONGOSE									
GOTA									
GOURITS									
GR BALEINE		**0.200**						**1.5**	
		70.100							
		68-69							
GRANDE									
GRANDE DE SANTIAGO									
GRANDE MATAGALPA									
GREAT FISH									
GREAT KEI									
GREY									
GRIJALVA		**0.682**	**0.0655**	**0.085**				**25.4**	
		95.001	*95.001*	*95.001*					
		85-89	85-89	85-89					
GUADALUPE									
GUADIANA		**1.18**	**0.005**	**0.057**				**26.0**	
		95.001	*95.001*	*95.001*					
		79-82	79-82	79-82					
GUALDALQUIVIR	**15**							**45.8**	
	77.144								
GUAYAS									
GUNDLAKAMMA									
GURUPI									
HAAST									
HAI HO									
HAN		**0.977**	**0.22**	**0.01**				**9.0**	
		95.001	*95.001*	*95.001*					
		82-94	82-94	82-94					

The authors would welcome any comments or additional data

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Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
HANJIANG	**15.4** *87.186* 83							**5.3**	
HARI									
HARRICANA		**0.135** *70.100* 68-69						**7.9**	
HAYES	**2.7** *78.172* 74-76	**0.09** *78.172* 74-76						**21.2**	
HELLEH								**216.4**	
HOKITIKA									
HONG	**10.0** *82.056*							**15.9**	
HSIUKULUAN									
HUAI									
HUALIEN									
HUANG HE	**7.7** *82.093* **9.5** *94.013*	**2.2** *95.001* 80-92 **1.105** *94.013*	**0.010** *95.001* 80-92	**0.020** *95.001* 80-92 **0.016** *94.013*			**1.75** *93.024* **12.30** *91.092*	**40.3**	**52.63**
HUDSON	**4.2** *95.001* 79-92 **1.43** *77.068* 75	**0.67** *95.001* 79-92 **0.55** *77.068*	**0.090** *95.001* 79-92	**0.020** *95.001* 79-92				**12.9**	
HUN									
HUNTER									
IKOPA									
INCOMATI									
INDALSALVEN								**9.4**	
INDERAGIRI									
INDIGIRKA	**2.8** *91.096* **5.9** *91.096*	**0.024** *95.006*	**0.040** *95.006*	**0.006** *95.006*	**0.009** *95.006*	**0.35** *95.006*		**5.6**	
INDUS	**14** *91.091* **5.1** *79.101*	**2.0** *95.001* 79-93	**0.200** *95.001* 79-93	**0.52** *91.091*			**8.5** *91.091* **16.1** *91.092*	**17.6**	**33.73**
INGURI	**4.4** *96.004* 80-90	**1.2** *96.004* 80-90	**1.0** *96.004* 80-90	**0.018** *96.004* 80-90				**15.3**	
IRRAWADDY	**10** *00.081*							**23.6**	
ISHIKARI	**20.9** *60.020* 56-57	**0.62** *60.020* 56-57	**0.09** *60.020* 56-57					**8.2**	
ISSER									
ITATA									
JACUI								**2.7**	
JAMES									
JEQUITINHONHA									

The authors would welcome any comments or additional data

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Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
JIULONG	**17.0**							**4.5**	
	87.186								
	83								
JUBBA								**22.8**	
JUCAR								**47.2**	
KALADAN									
KALIX									
KAMCHATKA	**12.6**	**0.1**	**0.05**	**0.075**				**9.6**	
	96.004	*96.004*	*96.004*	*96.004*					
	80-90	80-90	80-90	80-90					
KANAIRIKTOV									
KAOPING									
KAPUAS									
KARUN									
KAZAN	**0.2**							**2.0**	
	76.131								
KELANTAN	**12**	**0.375**	**0.165**					**4.5**	
	95.001	*95.001*	*95.001*						
	79-87	81-87	81-87						
KEM									
KEMIJOKI								**3.8**	
KENNEBEC	**3.52**							**1.9**	
	77.068								
KHATANGA	**3.2**	**0.030**	**0.040**	**0.006**	**0.006**	**0.41**		**9.4**	
	95.006	*95.006*	*95.006*	*95.006*	*95.006*	*95.006*			
		0.020							
		96.003							
KIKORI	**8**							**24.6**	
	83.058								
KISO	**10.0**	**0.38**	**0.060**	**0.016**				**4.0**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-92	79-92	79-92	79-92					
	15.5	**0.23**	**0.040**						
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						
KITAKAMI	**19.6**	**0.26**	**0.08**					**4.2**	
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						
KIZIL IRMARK								**38.4**	
KLAMATH	**18.0**	**0.140**					**4.10**	**18.1**	**22.16**
	77.080	*77.080*							
	75	75							
KOBUK	**3.4**		**0.019**	**0.250**				**6.4**	
	91.088		*91.088*	*91.088*					
KODORI								**11.7**	
KOKEMAENJOKI									
KOKSOAK		**0.200**						**2.5**	
		70.100							
		68-69							
KOLA	**2.3**	**0.04**	**0.03**	**0.00**				**2.2**	
	96.004	*96.004*	*96.004*	*96.004*					
	80-90	80-90	80-90	80-90					
KOLYMA	**4.0**	**0.04**	**0.050**	**0.009**	**0.015**	**0.35**		**6.8**	
	95.006	*95.001*	*95.006*	*95.001*	*95.006*	*95.006*			
	2.4	80-92	80-92	80-92					
	95.001	**0.030**	**0.06**	**0.009**					
	80-92	*95.006*	*95.001*	*95.006*					
KONKOURE	**5.6**							**1.5**	
	90.093								

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Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
KOUILOU									
KOVDA									
KRISHNA	**5**	**0.21**						**24.6**	
	83.241	*95.001*							
		79-87							
KUBAN	**2.6**	**1.07**	**0.36**	**0.03**			**1.90**	**39.7**	**41.60**
	95.001	*95.001*	*95.001*	*95.001*			*96.003*		
	80-91	80-91	80-91	80-91					
KUSKOKWIM	**7.6**						**4.60**	**17.6**	**22.23**
	77.068								
	75								
KVICHAK									
KYMIJOKI	**2.25**		**0.012**	**0.010**				**1.6**	
	95.001		*95.001*	*95.001*					
	79-92		79-92	79-92					
LA GRANDE	**2.6**	**0.10**		**0.014**				**0.8**	
	86.030	*86.030*		*86.030*					
		0.27							
		70.100							
		68-69							
LANYANG									
LEICHHARDT									
LEMPA									
LEMRO									
LENA	**4.2**	**0.03**	**0.08**	**0.004**	**0.022**	**0.46**	**6.60**	**10.4**	**17.05**
	95.006	*96.004*	*96.004*	*96.004*	*95.006*	*95.006*	*95.006*		
	1.55	80-90	80-90	80-90					
	95.001	**0.02**	**0.07**	**0.009**			**9.5**		
	80-92	*95.001*	*95.001*	*95.001*			*91.092*		
	1.5	80-92	80-92	80-92					
	96.004	**0.04**	**0.04**	**0.009**					
	80-90	*95.006*	*95.006*	*95.006*					
LIAO	**1.75**	**0.105**	**0.175**	**0.053**					
	94.013	*94.013*	*94.013*	*94.013*					
LICUNGO									
LIELUPE	**2.4**	**0.45**		**0.039**				**50.6**	
	96.004	*96.004*		*96.004*					
	47-88	47-88		47-88					
LIGONHA									
LIJOKI									
LIMPOPO	**17.7**							**28.3**	
	63.024								
LJUNGAN									
LLOBREGAT									
LOIRE	**8**	**1.7**		**0.090**			**5.30**	**23.6**	**28.91**
	83.247	*83.247*		*83.247*			*88.033*		
	71-80	71-80		71-80					
LUAN	**4.70**	**0.935**		**0.012**					
	94.013	*94.013*		*94.013*					
LUGA								**24.0**	
LULEALVEN								**1.8**	
LURIO									
MACKENZIE	**3.7**	**0.053**		**0.004**		**0.1**	**5.2**	**21.6**	**26.84**
	95.001	*95.001*		*95.001*		*91.088*	*91.092*		
	79-92	79-92		79-92		81-83	**4.5**		
	4.0	**0.10**		81-83			*91.088*		
	91.088	*91.088*		**0.006**			81-83		
	81-83	81-83		*91.088*					
	3.0								
	75.114								

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Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
MAE KLONG									
MAGDALENA	**12.6**	**0.250**		**0.120**				**9.7**	
	79.101	*79.101*		*95.001*					
		0.220							
		95.001							
MAHAKAM	**11.8**							**3.5**	
	84.216								
MAHANADI	**9.0**							**12.0**	
	83.214								
MAHI									
MAIPO		**0.182**	**0.07**	**0.065**				**19.4**	
		95.001	*95.001*	*95.001*					
		79-88	79-88	79-88					
MAJES									
MAMBERAMO									
MANA									
MANANARA SUD									
MANAVGAT	**4.9**							**30.3**	
	70.027								
MAND									
MANDRARE									
MANGOKY									
MANICOUAGAN		**0.03**					**5.2**	**0.7**	**5.88**
		86.172					*86.172*		
MAPUTO									
MARKHAM									
MARONI	**11.5**								
	69.068								
MAULE									
MAZARUNI								**3.0**	
MEARIM									
MEDJERDA									
MEGHNA									
MEKONG	**8.9**							**11.4**	
	76.129								
MENJIANG	**11.7**							**3.3**	
	87.186								
	83								
MERRIMACK									
MESSALO									
MEUSE	**6.85**	**2.78**		**0.230**					
	95.001	*95.001*		*95.001*					
	79-84	79-84		79-84					
MEZEN	**2.75**	**0.08**		**0.021**				**12.3**	
	96.004	*96.004*		*96.004*					
	80-90	80-90		80-90					
	2.4	**0.01**	**0.06**	**0.028**					
	95.001	*95.001*	*95.001*	*95.001*					
	80-90	80-90	80-90	80-90					
	6.9								
	95.004								
MINDANAO									
MINHO	**3.6**							**5.5**	
	74.111								
MIRA									

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Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
MISSISSIPPI	**6.7**	**1.400**	**0.040**	**0.070**			**8**	**23.7**	**31.69**
	95.001	*95.001*	*95.001*	*95.001*			*91.092*		
	79-93	79-93	79-93	79-93			**3.3**		
	6.3	**1.100**		**0.200**			*76.048*		
	77.068	*77.068*		*82.093*					
	75	75							
	7.6	**1.1**							
	79.101	*82.093*							
MITCHELL	**18.0**							**22.4**	
	75.115								
MOA									
MOBILE	**7.2**	**0.260**						**8.3**	
	77.068	*77.068*							
	75	75							
MOGAMI	**17.6**	**0.29**	**0.06**					**3.1**	
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						
MOISIE	**3.0**	**0.06**					**4.40**	**1.6**	**6.03**
	70.100	*86.172*					*86.172*		
	68-69	**0.11**							
MONO									
MOOSE							**20.0**	**17.2**	**37.21**
MOTAGUA									
MOULOUYA									
MURCHISON									
MURRAY	**5.0**	**0.110**	**0.036**	**0.024**				**19.5**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-87	79-87	79-87	79-87					
		0.16		**0.14**					
		79.182		*79.182*					
		78-82		78-82					
MUSA									
MUSI	**24.5**	**0.160**	**0.050**	**0.030**				**3.0**	
	95.001	*95.001*	*95.001*	*95.001*					
	86-93	86-93	86-93	86-93					
	10.8	**0.080**		**0.006**					
	78.170	*78.170*		*78.170*					
N. DVINA	**2.28**	**0.020**	**0.12**	**0.039**			**20.1**	**16.3**	**36.43**
	96.004	*96.004*	*96.004*	*91.035*			*95.006*		
	80-92	80-92	80-92	80-92					
	2.1	**0.06**							
	95.001	*95.001*							
	80-92	80-92							
	7.6								
	95.006								
NADYM	**9.3**	**0.140**							
	95.006	*95.006*							
NAG DONG									
NAGAVALI									
NARMADA	**9.0**	**0.21**						**34.4**	
	83.241	*95.001*							
		79-87							
NARVA									
NASKAUPI									
NASS									
NATASHQUAN							**5.0**	**0.7**	**5.68**
							86.172		
NECHES	**9.87**	**0.050**						**4.1**	
	77.068	*77.068*							
	75	75							

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Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
NEGARA	**14.8**	**0.170**		**0.012**				**11.2**	
	78.170	*78.170*		*78.170*					
NEGRO ARG	**16.3**							**13.9**	
NELSON	**1.4**	**0.012**		**0.004**				**25.4**	
	95.001	*95.001*		*95.001*					
	87-92	87-92		87-92					
	1.4								
	78.172								
	72-76								
NEMANUS	**2.06**	**0.37**	**0.42**	**0.046**				**48.9**	
	96.004	*96.004*	*96.004*	*96.004*					
	80-90	80-90	80-90	80-90					
NERETVA									
NEUSE	**10.00**	**0.490**						**4.0**	
	77.068	*77.068*							
	75	75							
NEVA	**0.1**	**0.23**	**0.03**	**0.03**				**5.3**	
	95.001	*95.001*	*95.001*	*95.001*					
	80-91	80-91	80-91	80-91					
NICKERIE									
NIGER	**14.0**					**0.13**	**2.90**	**6.6**	**9.49**
	91.096						*91.092*		
	15						**2.10**		
	79.101						*84.071*		
NILE	**12.8**					**0.01**	**3.5**	**34.2**	**37.73**
	96.010						*93.027*		
NIVA									
NOATAK									
NOTTAWAY		**0.15**						**4.0**	
		70.100							
		68-69							
NTEM									
NUECES	**13.4**	**2.040**						**39.9**	
	77.068	*77.068*							
	75	75							
NUSHAGAK									
NYANGA									
NYONG									
NZI									
OB	**2.85**	**0.06**	**0.6**	**0.065**			**9.1**	**15.3**	**24.44**
	96.004	*96.004*	*96.004*	*96.004*			*95.006*		
	80-90	80-90	80-90	80-90			**8.8**		
	2.8	**0.07**	**0.655**				*91.092*		
	95.001	*95.001*	*95.001*						
	80-92	80-92	80-92						
	9.9	**0.06**		**0.043**					
	95.006	*95.006*		*95.006*					
ODRA		**2.42**	**0.210**	**0.370**				**29.5**	
		95.001	*95.001*	*95.001*					
		92-94	92-94	92-94					
OGOOUE							**8.4**		
							84.071		
OLENEK	**2.7**	**0.030**	**0.050**	**0.003**	**0.006**	**0.41**		**14.3**	
	95.006	*95.006*	*95.006*	*95.006*	*95.006*	*95.006*			
OLFUSA	**14**	**0.024**	**0.045**	**0.007**				**6.3**	
	94.030	*94.030*	*94.030*	*94.030*					
	14.4								
	73.109								

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Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
OLIFANTS									
OMOLOY									
ONEGA	**7.5**	**0.150**		**0.015**				**15.8**	
	95.006	*95.006*		*95.006*					
	2.0								
	96.004								
	80-90								
ONILAHY									
ORANGE	**16.9**	**0.72**				**0.15**	**2.33**	**21.0**	**23.38**
	62.008	*62.008*							
ORD									
ORINOCO	**6.3**	**0.080**	**0.035**	**0.010**	**0.010**	**0.16**	**4.40**	**2.0**	**6.37**
	89.119	*95.016*	*95.016*	*95.016*	*95.016*	*95.016*	*89.119*		
		89.119	*89.119*	*89.119*	*89.119*	*89.119*	**2.87**		
							91.082		
OUEME									
OULUJOKI								**2.2**	
OUM ER RBIA									
OYAPOK									
PAHANG									
PALAR									
PAMPANGA									
PANGANI									
PANUCO		**0.920**	**0.050**	**0.016**				**35.0**	
		95.001	*95.001*	*95.001*					
		79-89	79-89	79-89					
PAPALOAPAN									
PARAIBA DO SUL		**0.305**	**0.040**	**0.010**				**2.8**	
		95.001	*95.001*	*95.001*					
			79-90	79-90					
				0.069					
				76.127					
PARANA	**17.1**	**0.165**	**0.050**	**0.045**		**0.08**	**6.10**	**8.3**	**13.28**
	91.089	*95.001*	*95.001*	*95.001*			*91.092*		
	14.3	79-92	79-92	79-92			**12.5**		
	76.135	**0.290**					*91.096*		
	23	*76.127*							
	69.063								
PARNAIBA									
PASAK									
PASCAGOULA									
PATSJOKI									
PATUCA									
PEARL									
PECHORA	**1.6**	**0.0**	**0.22**	**0.008**			**12.7**	**7.7**	**20.35**
	96.004	*96.004*	*96.004*	*96.004*			*95.006*		
	80-90	80-90	80-90	80-90					
	2.4	**0.070**	**0.09**	**0.05**					
	95.001	*95.001*	*95.001*	*95.001*					
	80-92	80-92	80-92	80-92					
	6.6	**0.06**		**0.003**					
	95.006	*95.006*		*95.006*					
PEE DEE	**10.8**	**0.420**					**1.13**	**4.2**	**5.28**
	77.068	*77.068*					*91.097*		
	75	75							
PEEL				**0.006**				**25.6**	
				86.226					
PEINAN									
PENNER									

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Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
PENOBSCOT	**3.20**							**2.8**	
	77.068								
	75								
PENZHINA	**5.41**	**0.03**	**0.05**	**0.021**				**3.1**	
	96.004	*96.004*	*96.004*	*96.004*					
	80-90	80-90	80-90	80-90					
PERAK									
PERIYAR									
PETIT MECATINA		**0.010**					**6.0**	**0.8**	**6.76**
		86.172					*86.172*		
		0.090							
		70.100							
		68-69							
PETITE RIVIERE BALEINE									
PINIOS									
PITALVEN								**2.0**	
PIURA				**0.084**	**0.009**	**0.53**			
				91.094	*91.094*	*91.094*			
				88-90	88-90	88-90			
PO	**4.0**	**1.43**	**0.27**	**0.075**	**0.01**	**0.32**	**2.40**	**35.0**	**37.42**
		85.200	*85.200*	*91.081*	*85.200*	*85.200*	*85.200*		
PONNAIYAR									
PONOI									
POTOMAC	**6.0**	**1.200**	**0.030**	**0.030**			**3.10**	**14.6**	**17.66**
	95.001	*95.001*	*95.001*	*95.001*			*95.001*		
	79-93	79-93	79-93	79-93			79-93		
POVUNTNITUK									
PRA									
PREGOLYA								**52.5**	
PROGO	**25.0**	**0.30**		**0.043**				**19.1**	
	78.170	*78.170*		*78.170*					
PULANGUI									
PUNGOE									
PUR	**9.9**	**0.040**							
	95.006	*95.006*							
PURARI	**13.8**	**0.040**	**0.040**	**0.002**				**15.9**	
	83.058	*82.096*	*82.096*	*82.096*					
PYASINA									
QUOICH	**0.2**								
	82.205								
	77-79								
RAJANG									
RAMU									
RAPEL									
RED									
RESCATA									
RHINE	**5.2**	**3.90**	**0.90**	**0.400**			**5.36**	**31.1**	**36.44**
	89.173	*89.173*	*89.173*	*89.173*					
	75-84	75-84	75-84	75-84					
	6.08	**3.94**	**0.940**	**0.360**					
	95.001	*95.001*	*83.247*	*95.001*					
	79-84	79-84	79-83	79-84					
RHONE	**3.0**	**0.072**	**0.45**	**0.128**				**34.6**	
	93.022	*82.093*	*83.247*	*93.022*					
	84+89+90	*92.035*	79-80	84+89+90					

The authors would welcome any comments or additional data

See page 140 for an explanation of terms used in this annex

Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
RIO GRANDE (US)	**14.0**	**0.15**	**0.030**	**0.030**				**31.4**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-93	79-93	79-93	79-93					
	13.3	**0.300**							
	77.068	*77.068*							
	75	75							
RIONI	**4.4**	**1.0**	**0.77**	**0.030**			**0.9**	**25.3**	**26.18**
	96.004	*96.004*	*96.004*	*96.004*			*96.003*		
	80-90	80-90	80-90	80-90					
ROANOKE									
ROGUE	**21.8**							**9.9**	
	77.068								
	75								
ROMAINE		**0.027**					**4.50**	**0.6**	**5.14**
		86.172					*86.172*		
ROPER									
RUFIJI		**1.300**	**0.095**	**0.010**				**9.8**	
		95.001	*95.001*	*95.001*					
		80-87	80-87	80-87					
RUPERT		**0.09**						**2.3**	
		70.100							
		68-69							
RUVUMA									
SABARMATI									
SABINE	**8.0**	**0.080**						**4.0**	
	77.068	*77.068*							
	75	75							
SACRAMENTO	**17.0**	**0.100**	**0.030**	**0.030**			**3.60**	**11.7**	**15.30**
	95.001	*95.001*	*95.001*	*95.001*					
	79-94	79-94	79-94	79-94					
	16.8	**0.080**							
	77.068	*77.068*							
	75	75							
SAGUENAY	**4.1**	**0.200**						**2.2**	
	70.100	*70.100*							
	68-69	68-69							
SAINT AUGUSTIN							**6.0**	**0.7**	**6.66**
							86.172		
SAINT JOHN	**2.7**	**0.080**	**0.013**					**4.3**	
	95.001	*95.001*	*95.001*						
	79-85	79-85	79-85						
SAINT JOHN'S									
SAINT LAWRENCE	**2.4**	**0.160**	**0.080**			**0.03**	**3.7**	**17.1**	**20.87**
	79.101	*95.001*	*95.001*				*87.067*		
		79-88	79-88				*91.092*		
SAKARYA	**11.8**	**1.11**	**0.35**	**0.16**				**39.3**	
	95.001	*95.001*	*95.001*	*95.001*					
	80-87	80-87	80-87	80-87					
		1.150	**0.3**						
		87.192	*87.192*						
		<84	<84						
SALADO (Arg)									
SALINAS									
SALWEEN								**41.7**	
								00.081	
SAN ANTONIO									
SAN JOAQUIN	**15.75**	**0.810**						**24.4**	
	77.068	*77.068*							
	75	75							

The authors would welcome any comments or additional data

See page 140 for an explanation of terms used in this annex

Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
SAN JUAN									
SANAGA	**15.5**						**3.50**	**4.1**	**7.60**
	78.173						*84.071*		
SANTA									
SANTA CLARA									
SANTA CRUZ									
SANTEE	**9.8**	**0.130**						**4.2**	
	77.068	*77.068*							
	75	75							
SAO FRANCISCO	**2.2**							**10.0**	
	92.035								
SARAMACCA									
SASSANDRA	**20.8**							**6.7**	
	82.055								
SAVANNAH	**8.9**	**0.230**					**5.50**	**4.9**	**10.42**
	77.068	*77.068*					*91.097*		
	75	75							
SAVE									
SAVIO									
SCHELDT		**4.6**	**7.7**	**0.81**			**7.9**	**54.9**	**62.79**
		95.001	*95.001*	*95.001*			*95.001*		
		78-91	78-91	78-91			78-91		
SEAL	**1.7**	**0.050**						**3.7**	
	78.172	*78.172*							
	72-76	72-76							
SEBOU	**10.6**								
	89.014								
SEGURA									
SEINE	**6.33**	**4.3**	**1.0**	**0.4**		**0.5**	**3.65**	**49.6**	**53.22**
	94.036	*89.092*	*89.092*	*89.092*		*89.092*	*89.092*		
	90-91	80-86	80-86	80-86		80-86	80-86		
		4.38	**2.41**	**0.7**					
		94.036	*94.036*	*94.036*					
		90-91	90-91	90-91					
SEMANI									
SENEGAL	**7.65**							**5.8**	
	85.023								
SEPIK	**12.5**							**14.5**	
	83.058								
SERAYU	**33.4**	**0.47**		**0.022**				**7.5**	
	78.170	*78.170*		*78.170*					
SEVERN (Can)									
SEVERN (GB)									
SEYBOUSSE									
SEYHAN		**0.59**	**0.31**	**0.01**				**31.2**	
		87.192	*87.192*	*87.192*					
		<84	<84	<84					
SHANNON									
SHATT EL ARAB	**6.9**							**35.4**	
	79.101								
SHCHUCHYA									
SHINANO	**17**	**0.780**	**0.080**	**0.047**				**6.0**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-92	79-92	79-92	79-92					
	15	**0.27**	**0.07**						
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						

The authors would welcome any comments or additional data

See page 140 for an explanation of terms used in this annex

Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
SHKUMBINI									
SIMAV		**0.52**	**0.6**	**0.104**					
		87.192	*87.192*	*87.192*					
		<84	<84	<84					
SINNAMARY									
SITTANG									
SKAGIT									
SKEENA	**4.8**	**0.099**						**7.3**	
	95.001	*95.001*							
	84-91	84-91							
	3.8								
	76.128								
SKELLEFTALV								**2.0**	
SKIENSELVA		**0.246**	**0.021**	**0.0014**					
		93.020	*93.020*	*93.020*					
SNOWY									
SOFIA									
SOLO	**19.6**	**0.28**		**0.033**				**24.0**	
	78.170	*78.170*		*78.170*					
SOUMMAM									
SOUS	**7.3**								
	89.014								
STIKINE	**6.0**						**3.60**	**12.8**	**16.39**
	76.128								
STRYMON									
SUBARNAREKHA									
SURINAME	**8.7**							**2.6**	
	69.068								
SUSITNA	**6.7**							**12.6**	
	77.068								
	75								
SUSQUEHANNA	**3.8**	**1.000**	**0.030**	**0.010**			**4.40**	**8.9**	**13.33**
	95.001	*95.001*	*95.001*	*95.001*					
	79-93	79-93	79-93	79-93					
	4.59	**0.940**							
	77.068	*77.068*							
	75	75							
SUWANNEE	**6.1**	**0.310**					**42.7**	**15.8**	**58.48**
	77.068	*77.068*					*91.097*		
	75	75							
SWAN-AVON									
TA CHIA CHI									
TAKU									
TAMBO									
TAN SHUI									
TANA (Ken)	**20.0**	**0.040**	**1.600**	**0.040**				**15.0**	
	95.001	*95.001*	*95.001*	*95.001*					
	83-88	83-88	83-88	83-88					
TANA (Nor)									
TANO									
TAPTI	**16.0**	**0.463**						**47.6**	
	83.241	*95.001*							
		79-87							
TAR									
TAUY	**4.2**	**0.02**	**0.24**	**0.011**					
	96.004	*96.004*	*96.004*	*96.004*					
	80-90	80-90	80-90	80-90					

The authors would welcome any comments or additional data

See page 140 for an explanation of terms used in this annex

Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
TAYMYRA									
TAZ									
TEJO	**5.0**	**0.660**	**0.120**	**0.148**				**18.7**	
	95.001	*95.001*	*95.001*	*95.001*					
	80-92	80-92	80-92	80-92					
	2.0								
	74.109								
TENRYU	**12.9**	**0.23**	**0.05**					**8.4**	
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						
TENSIFT									
TERENGGANU									
TESHIO	**14.7**	**0.33**	**0.03**					**5.4**	
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						
TEVERE		**1.37**	**1.42**	**0.26**				**76.9**	
		91.081	*91.081*	*91.081*					
		79-83	79-83	79-83					
THAANNE									
THAMES	**12.3**	**7.03**	**0.21**	**0.349**					
	95.001	*95.001*	*95.001*	*95.001*					
	80-92	80-92	80-92	80-92					
THELON	**0.5**							**2.6**	
	76.131								
THJORSA	**14.4**	**0.029**	**0.027**	**0.018**				**8.2**	
	94.030	*94.030*	*94.030*	*94.030*					
	73.109								
TOCANTINS	**11.6**	**0.015**		**0.003**				**3.8**	
	95.011								
TOKACHI	**29.9**	**0.99**	**0.07**					**5.3**	
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						
TONE	**21.5**	**1.560**	**0.2**	**0.033**				**7.5**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-92	79-92	79-92	79-92					
	21.1	**0.210**	**0.1**						
	60.020	*60.020*	*60.020*						
	56-57	56-57	56-57						
TORNIONJOKI	**7.1**	**0.023**	**0.007**	**0.004**				**2.1**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-92	79-92	79-92	79-92					
TRENT	**7.5**	**8.6**	**0.24**	**0.49**					
	95.001	*95.001*	*95.001*	*95.001*					
	80-92	80-92	80-92	80-92					
TRINITY									
TSENGWEN									
TSIRIBIHINA									
TUGUR									
TULOMA									
TURIA									
UDA									
ULUA									
UME-VINDEALVEN								**2.4**	
UMPQUA	**17.3**								
	77.068								
	75								

The authors would welcome any comments or additional data

See page 140 for an explanation of terms used in this annex

Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
URUGUAY	**15**	**0.226**	**0.050**	**0.037**			**3.2**	**7.1**	**10.32**
	79.101	*95.001*	*95.001*	*95.001*			*91.092*		
		82-87	82-87	82-87			**3.5**		
							91.096		
USUMACINTA		**0.435**	**0.048**	**0.085**				**27.7**	
		95.001	*95.001*	*95.001*					
		85-89	85-89	85-89					
VAMSADHARA									
VAR									
VELLAR									
VENTA	**2.3**	**0.46**		**0.017**				**48.0**	
	96.004	*96.004*		*96.004*					
	47-88	47-88		47-88					
VICTORIA									
VIJOSE									
VOLTA		**0.15**						**7.5**	
		96.006							
VORONYA									
WAIAU								**7.3**	
WAIKATO	**28.2**	**0.303**	**0.006**	**0.022**		**0.05**		**8.3**	
	95.001	*95.001*	*95.001*	*95.001*					
	79-93	79-93	79-93	79-93					
	28.7	**0.32**	**0.017**	**0.022**					
	85.202	*85.202*	*85.202*	*85.202*					
WAIMAKARIRI	**7**	**0.08**	**0.005**	**0.003**				**4.8**	
	75.111	*95.001*	*95.001*	*95.001*					
		79-82	79-82	79-82					
WAIPAOA									
WAITAKI	**5**							**5.3**	
	75.111								
WAMI									
WESER	**4.0**	**5.08**	**0.125**	**0.370**				**33.0**	
	81.186	*95.001*	*95.001*	*95.001*					
	71	79-90	79-90	79-90					
WINISK									
WISLA		**1.83**	**0.435**	**0.21**				**37.4**	
		95.001	*95.001*	*95.001*					
		92-94	92-94	92-94					
WOURI									
WU CHI									
YALU									
YANA	**2.2**	**0.01**	**0.17**	**0.001**	**0.010**	**0.40**		**4.1**	
	96.004	*96.004*	*96.004*	*96.004*	*96.003*	*96.003*			
	80-90	80-90	80-90	80-90					
	3.1	**0.02**	**0.04**	**0.003**	**0.006**	**0.25**			
	95.006	*95.006*	*95.006*	*95.006*	*95.006*	*95.006*			
YENISEY	**3.0**	**0.02**	**0.28**	**0.008**			**7.4**	**11.3**	**18.67**
	96.004	*96.004*	*96.004*	*96.004*			*91.092*		
	80-90	80-90	80-90	80-90					
	3.55	**0.050**	**0.13**	**0.015**					
	95.001	*95.001*	*95.001*	*95.001*					
	86-92	86-92	86-92	86-92					
	6.4	**0.06**							
	95.006	*95.006*							
YESIL		**0.53**	**0.27**	**0.08**					
		87.192	*87.192*	*87.192*					
		<84	<84	<84					

The authors would welcome any comments or additional data

See page 140 for an explanation of terms used in this annex

Annex X Dissolved nutrients

Rivers	SiO_2 mg/L	$N\text{-}NO_3$ mgN/L	$N\text{-}NH_4$ mgN/L	$P\text{-}PO_4$ mgP/L	DOP mgP/L	DON mgN/L	DOC mgC/L	*DIC mgC/L	*TDC mgC/L
YODO	**8.2**	**0.732**	**0.47**	**0.08**				**5.8**	
	60.020	*95.001*	*95.001*	*95.001*					
	56-57	79-92	79-92	79-92					
		0.27	**0.05**						
		60.020	*60.020*						
		56-57	56-57						
YUKON	**6.9**	**0.100**	**0.030**	**0.010**			**4.8**	**21.4**	**30.24**
	95.001	*95.001*	*95.001*	*95.001*			*91.088*		
	79-93	79-93	79-93	79-93			**4.3**		
	7.7	**0.117**	**0.061**	**0.011**			*91.096*		
	91.088	*91.088*	*91.088*	*91.088*			**8.8**		
							91.092		
ZAIRE	**9.4**	**0.090**	**0.007**	**0.024**		**0.18**	**8.5**	**3.1**	**11.59**
	95.008	*82.096*	*82.096*	*82.096*			*91.092*		
	5.3	**0.080**							
	93.010	*95.008*							
	9.7								
	92.035								
	11.2								
	80.151								
ZAMBEZI	**16.8**	**0.13**	**0.040**	**0.010**				**6.3**	
	77.049	*77.049*	*77.049*	*82.096*					
	12.3		**0.014**						
	74.107		*82.096*						
ZEROUD									
ZHUJIANG	**8.5**	**0.620**	**0.010**	**0.003**				**19.7**	
	94.013	*95.001*	*95.001*	*95.001*					
	9.05	80-92	80-92	80-92					
	87.186	**0.868**	**0.200**						
		94.013	*94.013*						

The authors would welcome any comments or additional data

See page 140 for an explanation of terms used in this annex

Annex XI

GEMS/GLORI Data Base (1995) Particulate and total nutrients

Notes to Annex XI

Particulate and total nutrients

1	2	3	4	5	6	7	8	9	10	11
Rivers	**POC** mg/L	**DOC+POC** (*) mg/L	**TOC** mg/L	**Tot N** mg/L	**Tot P** mg/L	**PIC** µg/g	**POC** µg/g	**PN** µg/g	**Nk** mg/L	**POC** (*) µ
:HINE	**3.00** *91.093*	**8.36**	7 *95.001* 79-84			**13000** *92.051*			**1.6** *95.001* 79-84	

1. River name: for spelling and synonyms see tables II and III
2. Particulate organic carbon (in mg C/L).
3. Calculated sum of dissolved plus particulate organic carbon (in mg C/L).
4. Total organic carbon (in mg C/L), from direct measurements on unfiltered water.
5. Total nitrogen (in mg N/L), when available from direct measurement.
6. Total phosphorus (in mg P/L), when available from direct measurement.
7. Particulate inorganic carbon content in suspended matter (in µg carbon per gram of total suspended solids).
8. Particulate organic carbon content in suspended matter (in µg carbon per gram of total suspended solids).
9. Particulate nitrogen content in suspended matter (in µg nitrogen per gram of total suspended solids).
10. Kjeldhal nitrogen (in mg N/L).
11. Calculated particulate organic carbon content in total suspended matter solids (POC in mg C/L over TSS in mg/L).

A. First line (bold font): selected data

B. Second line (italic): corresponding reference number starting with reference year (see Annex XIV)

C. Third line (normal font): time period of record, when appropriate.

*. Calculated data.

Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
A LA BALEINE											
ABITIBI			**12.7**								
			82.097								
			78								
ABRA											
ADIGE			**2.7**	**1.06**	**0.165**						
			95.017	*95.017*	*95.017*						
					0.18						
					85.200						
					70-80						
ADOUR									**830**		
									89.014		
AGANO											
AGNO											
AGUSAN											
AKSU											
ALAZEYA											
ALBANY			**9.0**								
			82.097								
			78								
ALIAKMON											
ALSEK											
ALTAMAHA	**0.45**	**9.15**	**6.7**								**2304**
	91.097		*82.097*								
			78								
AMAZON	**2.5**	**6.60**	**5.6**	**0.505**	**0.239**			**920**	**1660**		**13729**
	95.016		*92.035*	*95.016*	*95.016*			*88.173*	*88.173*		
	2.10		**5.36**		**0.061**				**1650**		
	92.035		*91.096*		*88.173*				*79.040*		
	2.25										
	91.096										
AMECA											
AMGERMAN											
AMGUEMA			**6.7**								
			85.201								
AMUR			**10.1**								
			85.201								
ANABAR			**5.1**								
			95.004								
ANADYR			**7.2**								
			85.201								
ANDERSON											
ANGHARI											
ANKOBRA											
APPALACHICOLA			**7.9**								
			82.097								
			79								
APPROUAGUE											
ARAGUARI											
ARNAUD											
ARNO			**6.1**	**2.2**	**0.86**						
			95.017	*95.017*	*91.081*						
					77-83						
ASHBURTON											
ASI											
ATRATO											
ATTAWAPISKAT											
AURE											
AUX FEUILLES											
AUX OUTARDES											
AXIOS											
BABBAGE											
BACK			**3.2**								
			82.097								
			72-79								
BAKER											

The authors would welcome any comments or additional data

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
BALSAS										**0.89**	
										95.001	
										79-85	
BAN PAKONG											
BANDAMA											
BARITO										**0.615**	
										95.001	
										79-81	
BARUMUM											
BERBICE											
BERSIMIS											
BETSIAMITES											
BETSIBOKA											
BIO BIO											
BRAHMANI											
BRAHMAPUTRA	**2.60**	**5.80**									**2456**
	1.00										
	89.049										
BRANTAS										**0.31**	
										95.001	
										85-93	
BRAZOS (Tex)	**3.6**	**6.85**	**7.0**			**13000**	**46700**	**6500**			**567**
	76.048		*82.097*			*76.048*	*76.048*	*76.048*			
			78								
BREEDE											
BROADBACK											
BUG							**7800**				
							85.201				
BULLER											
BURDEKIN											
BURNETT											
BUYUK MENDERES											
BUZI											
BZYB											
CAGAYAN											
CAPE FEAR			**7.2**								
			82.097								
			1978								
CAPIM											
CAUWERI										**0.4**	
										95.001	
										78-87	
CAVALLY											
CEYHAN											
CHANG JIANG	**6.00**	**8.07**				**10800**	**11400**		**1200**		**11601**
	93.024					*93.024*	*93.024*		*84.060*		
	13.00										
CHAO PHRYA										**0.28**	
										95.001	
										79-93	
CHELIFF											
CHICO											
CHIRA											
CHO SHUI CHI											
CHOCTAWATCHEE			**9.0**								
			82.097								
			78								
CHOWAN											
CHUBUT											
CHURCHILL (Atl)											
CHURCHILL (Hud)			**8.8**							**0.6**	
			82.097							*78.172*	
			73-79								
CIMANUK										**0.92**	
										95.001	
										79-81	
CITANDUY											

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
CITARUM										**0.95**	
										95.001	
										85-94	
CLARENCE											
CLUTHA											
COCO											
COLORADO (Arg)											
COLORADO (Ari)			**3.3**						**540**		
			82.097						*79.040*		
			78								
COLORADO (Tex)			**4.6**								
			82.097								
			78								
COLUMBIA	**0.3**	**3.00**	**2**							**0.4**	**4717**
	81.079		*95.001*							*95.001*	
	0.8		79-93							79-93	
	91.093		**3.3**								
			91.096								
			2.6								
			82.097								
			78								
COLVILLE											
COMOE											
CONNECTICUT			**7.1**								
			82.097								
			78								
COPPENAME											
COPPER			**6.3**								
			82.097								
			78-79								
COPPERMINE			**4.1**								
			82.097								
			70-72								
CORANTIJN											
COROCH											
CROSS											
CUANZA											
CUNENE											
CUYUNI											
DALALVEN					**0.020**					**0.305**	
					83.247					*95.001*	
					79-81					78-87	
DALING											
DALY											
DAMODAR											
DANUBE	**3.40**	**8.90**					**11000**		**790**		**10149**
	85.201						*85.201*		*93.028*		
									680		
DAUGAVA			**13.1**						*79.040*		
DAULE											
DELAWARE			**3**							**0.5**	
			95.001							*95.001*	
			79-93							79-93	
DESEADO											
DIGUL											
DNEPR	**0.9**	**5.80**	**5.8**				**161000**				**20979**
	96.003		*96.003*				*85.201*				
			9.9								
			85.201								
DNESTR			**4.8**								
			85.201								
DOCE											
DON	**1.70**	**5.90**	**5.9**				**21000**				**22107**
	96.003		*96.003*				*85.201*				
			9.0								
			85.201								

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
DONG NAI											
DONGJIANG											
DORDOGNE											
DOURO											
DRAA											
DRAMMENSELVA			**2.9**	**0.420**	**0.006**						
			93.020	*93.020*	*93.020*						
DRINI											
EASTMAIN	**8.00**										
EBRO											
EEL			**6.2**								
			82.097								
			79								
ELBE					**0.65**						
					92.049						
					0.375						
					91.081						
ELLICE											
EMS					**0.51**						
					91.081						
ERHIAN											
ESCAMBIA			**7.4**								
			82.097								
			78								
ESCONDIDO											
ESMERALDAS											
ESSEQUIBO											
EVROS											
FILYOS											
FITZROY EAST											
FITZROY WEST											
FLINDERS											
FLY											
FORSTESCUE											
FRASER			**6.3**								
			82.097								
			73								
FUCHUN JIANG											
FUERTE											
FYRIS						**103000**					
GALANA											
GAMBIA	**1.0**	**3.28**					**24000**	**2850**	**985**		**24510**
	84.072						*84.072*	*84.072*	*84.072*		
GAMTOOS											
GANGES	**3.50**	**8.10**					**12500**	**1150**	**500**		**3318**
							85.110	*85.110*	*79.040*		
GARONNE						**6000**			**1300**		
									79.040		
GASGOYNE											
GAUJA											
GEDIZ											
GEORGE											
GILBERT											
GIZHIGA											
GLAMA			**4.17**	**0.612**	**0.021**					**3.2**	
			93.020	*93.020*	*93.020*					*95.001*	
										82-89	
GLENELG											
GODAVARI											
GOKSU											
GORONGOSE											
GOTA											
GOURITS											
GR BALEINE											
GRANDE											
GRANDE DE SANTIAGO											

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
GRANDE MATAGALPA											
GREAT FISH											
GREAT KEI											
GREY											
GRIJALVA											
GUADALUPE			**7.0** *82.097* 78								
GUADIANA											
GUALDALQUIVIR											
GUAYAS											
GUNDLAKAMMA											
GURUPI											
HAAST											
HAI HO											
HAN			**10.4** *95.001* 82-94								
HANJIANG											
HARI											
HARRICANA											
HAYES			**10.7** *82.097* 74-77							**0.5** *78.172* 74-76	
HELLEH											
HOKITIKA											
HONG											
HSIUKULUAN											
HUAI											
HUALIEN											
HUANG HE	**132** *93.024* **188**	**133.7**				**19100** *93.024*	**5000** *93.024* **8900** **7000** *92.032*	**1170** *85.145* **1000** *92.032*	**1100**		**4920**
HUDSON			**5** *95.001* 79-92 *82.097* 78							**0.5** *95.001* 79-92	
HUN											
HUNTER											
IKOPA											
INCOMATI											
INDALSALVEN											
INDERAGIRI											
INDIGIRKA			**8.3** *85.201* **7.7** *95.004*								
INDUS	**2.20** *91.091* **10.00**	**18.3**							**900** *85.110*		**792**
INGURI											
IRRAWADDY											
ISHIKARI											
ISSER											
ITATA											
JACUI											
JAMES			**4.3** *82.097* 78								
JEQUITINHONHA											
JIULONG											
JUBBA											
JUCAR											

The authors would welcome any comments or additional data

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
KALADAN											
KALIX											
KAMCHATKA											
KANAIRIKTOV											
KAOPING											
KAPUAS											
KARUN											
KAZAN			**4.2** *82.097* 72-77								
KELANTAN										**3.6** *95.001* 81-87	
KEM											
KEMIJOKI				**0.408** *86.116**	**0.0254** *71.084* 62-68						
KENNEBEC											
KHATANGA			**6.3** *95.004*								
KIKORI											
KISO											
KITAKAMI											
KIZIL IRMARK											
KLAMATH			**2.4** *82.097* 78								
KOBUK			**5.4** *82.097* 76								
KODORI											
KOKEMAENJOKI				**1.165** *86.116*	**0.078** *86.116*						
KOKSOAK											
KOLA											
KOLYMA			**8.1** *95.004*								
KONKOURE											
KOUILOU											
KOVDA											
KRISHNA											
KUBAN	**2.80** *96.003*	**4.70**	**4.7** *96.003* **6.8** *85.201*				**20000** *85.201*				**4945**
KUSKOKWIM			**4.1** *82.097* 77-78								
KVICHAK											
KYMIJOKI			**9.5** *95.001* 79-92		**0.37** *71.084* 62-68						
LA GRANDE	**6.20**										
LANYANG											
LEICHHARDT											
LEMPA											
LEMRO											
LENA	**1.1** *96.003*	**7.70**	**7.7** *96.003* **9.5** *85.201* **10.1** *95.004*								**33333**
LIAO											
LICUNGO											
LIELUPE											

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
LIGONHA											
LIJOKI											
LIMPOPO											
LJUNGAN											
LLOBREGAT											
LOIRE	**2.70**	**8.00**				**20000**	**76000**				
	88.033					*88.033*	*88.033*				
LUAN											
LUGA											
LULEALVEN											
LURIO											
MACKENZIE	**3.2**	**8.40**	**7.5**			**15300**	**15800**	**2000**			**23810**
	91.088		*82.097*			*77.028*	*77.028*	*77.028*			
	81-83		73-78								
	7.2		**7.7**								
	91.096		*91.088*								
			81-83								
			12.5								
			91.096								
MAE KLONG											
MAGDALENA											
MAHAKAM											
MAHANADI											
MAHI											
MAIPO											
MAJES											
MAMBERAMO											
MANA											
MANANARA SUD											
MANAVGAT											
MAND											
MANDRARE											
MANGOKY											
MANICOUAGAN											
MAPUTO											
MARKHAM											
MARONI											
MAULE											
MAZARUNI											
MEARIM											
MEDJERDA	**148.0**										**10516**
MEGHNA											
MEKONG									**2000**		
									79.040		
MENJIANG											
MERRIMACK			**8.1**								
			82.097								
			78								
MESSALO											
MEUSE			**6**							**1.3**	
			95.001							*95.001*	
			79-84							79-84	
MEZEN			**7.0**								
			95.004								
MINDANAO											
MINHO											
MIRA											
MISSISSIPPI	**1.9**	**9.90**	**5.5**			**1500**	**22800**	**2800**		**1**	**2204**
	91.093		*95.001*			*76.048*	*76.048*	*76.048*		*95.001*	
	91.096		79-93							79-93	
	3.8		**6.4**								
	76.048		*82.097*								
			78								
MITCHELL											
MOA											
MOBILE											

The authors would welcome any comments or additional data

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
MOGAMI											
MOISIE											
MONO											
MOOSE	**0.80**	**20.80**									**90909**
MOTAGUA											
MOULOUYA											
MURCHISON											
MURRAY			**9**							**0.83**	
			95.001							*95.001*	
			79-87							79-87	
MUSA											
MUSI										**0.31**	
										95.001	
										86-93	
N. DVINA	**3.20**	**23.30**	**23.4**				**233000**				**74592**
	95.006		*95.006*				*95.006*				
			16.4								
			85.110								
NADYM			**5**								
			95.004								
NAG DONG											
NAGAVALI											
NARMADA										**0.532**	
										95.001	
										79-87	
NARVA											
NASKAUPI											
NASS											
NATASHQUAN											
NECHES			**11**								
			82.097								
			78								
NEGARA											
NEGRO ARG											
NELSON			**8.7**		**0.19**					**1**	
			82.097		*78.172*					*78.172*	
			73-79		72-76					72-76	
			9								
			78.172								
			72-76								
NEMANUS			**7.1**								
			85.201								
NERETVA											
NEUSE						**100**	**9000**	**1300**			
						76.048	*76.048*	*76.048*			
NEVA			**8.6**								
			85.201								
NICKERIE											
NIGER	**3.9**	**6.80**					**58000**		**1600**		**15023**
	91.093						*84.071*		*79.040*		
	1.7								**3000**		
	84.071								*90.033*		
NILE	**4.4**	**7.9**				**10000**	**11400**	**900**			**3051**
	93.027										
NIVA											
NOATAK											
NOTTAWAY											
NTEM											
NUECES			**21.2**								
			82.097								
			78								
NUSHAGAK											
NYANGA											
NYONG											
NZI											

The authors would welcome any comments or additional data

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
OB	**0.9**	**10.00**	**10**				**20000**				**22059**
	95.006		*96.003*				*95.006*				
			8.8				**20000**				
			85.201				*85.201*				
ODRA											
OGOOUE	**2.4**	**10.80**					**63000**				
	84.071						*84.071*				
OLENEK			**7.2**								
			95.004								
OLFUSA											
OLIFANTS											
OMOLOY											
ONEGA			**20.7**								
			95.004								
ONILAHY											
ORANGE	**0.85**	**3.18**					**16100**				**108**
ORD											
ORINOCO	**1.50**	**5.90**	**6.0**	**0.46**	**0.065**		**19000**	**2200**	**550**		**11346**
	89.119		*91.096*	*95.016*	*95.016*		*89.119*	*89.119*	*89.119*		
	1.62										
	91.082										
	91										
	2.5										
	91.093										
OUEME											
OULUJOKI				**0.5**	**0.0281**						
				86.106	*71.084*						
					62-68						
OUM ER RBIA											
OYAPOK											
PAHANG											
PALAR											
PAMPANGA											
PANGANI											
PANUCO										**0.27**	
										95.001	
										79-89	
PAPALOAPAN											
PARAIBA DO SUL										**0.583**	
										95.001	
										79-90	
PARANA	**2.8**	**8.9**	**2.95**		**1.1**		**10700**	**1400**	**598**		**20129**
	91.096		*93.011*		*91.089*		*94.015*	*94.015*	*94.015*		
	7.95		**15.3**				**21000**	**2560**	**1300**		
	93.011		*91.096*						*79.040*		
	1.4								**1000**		
	91.093								*85.110*		
	2.10										
	85.206										
PARNAIBA											
PASAK											
PASCAGOULA			**7.9**								
			82.097								
			78								
PATSJOKI											
PATUCA											
PEARL			**5.8**								
			82.097								
			79								
PECHORA	**0.30**	**13.00**	**13**				**16000**				**5952**
	95.006		*85.201*				*95.006*				
PEE DEE	**0.5**	**1.63**	**11.0**								**21739**
	91.097		*82.097*								
			77								
PEEL											
PEINAN											

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
PENNER											
PENOBSCOT			**9.3** *82.097* 78								
PENZHINA											
PERAK											
PERIYAR											
PETIT MECATINA											
PETITE RIVIERE BALEINE											
PINIOS											
PITALVEN											
PIURA											
PO			**4.7** *95.017*	**1.76** *95.017*	**0.23** *91.081*	**28000** *64.042*		**6500** *91.094* 88-90	**1400** *91.094* 88-90		
PONNAIYAR											
PONOI											
POTOMAC			**5** *95.001* 79-93 **7.1** *82.097* 75-77							**1** *95.001* 79-93	
POVUNTNITUK											
PRA											
PREGOLYA											
PROGO											
PULANGUI											
PUNGOE											
PUR			**6.7** *95.004*								
PURARI											
PYASINA											
QUOICH			**2.7** *82.097* 72-77								
RAJANG											
RAMU											
RAPEL											
RED			**9.2** *82.097* 78								
RESCATA											
RHINE	**3.0** *91.093*	**8.36**	**7** *95.001* 79-84			**13000** *92.051*				**1.6** *95.001* 79-84	**61100**
RHONE											
RIO GRANDE (US)			**7** *95.001* 79-93 **5.8** *82.097* 78							**1** *95.001* 79-93	
RIONI	**1.8** *96.003*	**2.70**	**2.7** *96.003* **2.1** *85.201*				**7000** *85.201*		**620**		**3494**
ROANOKE			**7.1** *82.097* 78								
ROGUE			**1.8** *82.097* 78								
ROMAINE											
ROPER											
RUFIJI											

The authors would welcome any comments or additional data

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
RUPERT											
RUVUMA											
SABARMATI											
SABINE			**8.3** *82.097* 78								
SACRAMENTO			**2** *95.001* 79-94 **5.5** *82.097* 70-74							**0.4** *95.001* 79-94	
SAGUENAY											
SAINT AUGUSTIN											
SAINT JOHN			**11.3** *95.001* 79-85 **10.9** *82.097* 77								
SAINT JOHN'S			**13.7** *82.097* 73-77								
SAINT LAWRENCE	**0.72** *87.067* **0.8** *91.096* **0.5** *91.093*	**4.48** *87.067*	**4.5** *91.096* **24** *95.001* 79-88				**86000** *87.076*		**820** **1800** *85.110*	**0.245** *95.001* 79-88	**61538**
SAKARYA										**0.9** *95.001* 80-87 **0.6** *87.192* <84	
SALADO (Arg)											
SALINAS			**11.3** *82.097* 78								
SALWEEN											
SAN ANTONIO			**20.2** *82.097* 78								
SAN JOAQUIN			**5.2** *82.097* 78								
SAN JUAN											
SANAGA	**3.20** *84.071*	**6.70**					**23000** *84.071*				**62868**
SANTA											
SANTA CLARA											
SANTA CRUZ											
SANTEE			**8.4** *82.097* 78								
SAO FRANCISCO											
SARAMACCA											
SASSANDRA											
SAVANNAH	**0.90** *91.097*	**6.40**	**4.6** *82.097* 78								**3728**
SAVE											
SAVIO											
SCHELDT			**7.05** *95.001* 78-91							**8.75** *95.001* 78-91	

The authors would welcome any comments or additional data

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
SEAL			**7**					**0.006**		**0.5**	
			78.172					*78.172*		*78.172*	
			72-76					72-76		72-76	
SEBOU									**960**		
									89.014		
SEGURA											
SEINE	**2.65**	**6.30**	**6.3**								**59819**
	89.092		*89.092*								
	80-86		80-86								
	2.5										
	94.036										
	90-91										
SEMANI											
SENEGAL							**12000**		**900**		
							90.083		*90.083*		
SEPIK											
SERAYU											
SEVERN (Can)											
SEVERN (GB)											
SEYBOUSSE											
SEYHAN										**0.27**	
										87.192	
										<84	
SHANNON											
SHATT EL ARAB											
SHCHUCHYA											
SHINANO											
SHKUMBINI											
SIMAV											
SINNAMARY											
SITTANG											
SKAGIT			**2.8**								
			82.097								
			78								
SKEENA											
SKELLEFTALV											
SKIENSELVA			**1.69**	**0.366**	**0.005**						
			93.020	*93.020*	*93.020*						
SNOWY											
SOFIA											
SOLO											
SOUMMAM											
SOUS									**1000**		
									89.014		
STIKINE			**2.4**								
			82.097								
			76-79								
STRYMON											
SUBARNAREKHA											
SURINAME											
SUSITNA			**2.8**								
			82.097								
			78								
SUSQUEHANNA			**4.0**							**0.60**	
			95.001							*95.001*	
			79-93							79-93	
			8.2								
			82.097								
			78								
SUWANNEE	**0.59**	**43.29**	**12.4**								
	91.097		*82.097*								
			78								
SWAN-AVON											
TA CHIA CHI											
TAKU											
TAMBO											

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
TAN SHUI											
TANA (Ken)											
TANA (Nor)											
TANO											
TAPTI										**0.8**	
										95.001	
										79-87	
TAR											
TAUY											
TAYMYRA											
TAZ											
TEJO										**1**	
										95.001	
										80-92	
TENRYU											
TENSIFT											
TERENGGANU											
TESHIO											
TEVERE			**5.4**	**2.88**	**0.455**						
			91.081	*95.017*	*95.017*						
			79-83		**0.44**						
					91.081						
					79-83						
THAANNE											
THAMES					**0.023**						
					91.081						
THELON			**4**								
			82.097								
			72-79								
THJORSA											
TOCANTINS											
TOKACHI											
TONE			**1.61**							**2.5**	
			95.001							*95.001*	
			79-92							79-92	
TORNIONJOKI			**7.0**	**0.347**	**0.009**						
			95.001	*86.116*	*86.116*						
			79-92								
TRENT											
TRINITY			**8.3**								
			82.097								
			78								
TSENGWEN											
TSIRIBIHINA											
TUGUR											
TULOMA											
TURIA											
UDA											
ULUA											
UME-VINDEALVEN											
UMPQUA			**1.6**								
			82.097								
			78								
URUGUAY	**0.7**	**3.90**	**4**							**0.45**	**9223**
	91.096		*91.096*							*95.001*	
										82-87	
USUMACINTA											
VAMSADHARA											
VAR											
VELLAR											
VENTA											
VICTORIA											
VIJOSE											
VOLTA											
VORONYA											
WAIAU											

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Annex XI Particulate and total nutrients

Rivers	POC mgC/L	*DOC+POC mgC/L	TOC mgC/L	Tot N mgN/L	Tot P mgP/L	PIC µg/g	POC µg/g	PN µg/g	PP µg/g	N k mg/L	*POCcal µg/g
WAIKATO			**6.1**						**2300**	**0.41**	
			95.001						*85.110*	*95.001*	
			79-93							79-93	
WAIMAKARIRI										**0.05**	
										95.001	
										79-82	
WAIPAOA											
WAITAKI											
WAMI											
WESER					**0.56**						
					91.081						
WINISK											
WISLA											
WOURI											
WU CHI											
YALU											
YANA			**6.7**								
			95.004								
YENISEY			**7.4**								
			85.201								
YESIL											
YODO			**2.4**								
			95.001								
			79-92								
YUKON	**1.33**	**6.1**	**7**							**0.5**	**4433**
	91.088		*95.001*							*95.001*	
	1.7		79-93							79-93	
	91.093		**7.2**								
	1.4		*82.097*								
	91.096		77-78								
			5.7								
			91.096								
ZAIRE	**1.0**	**9.50**							**2060**		**52632**
	91.093								*90.083*		
									1500		
									79.040		
ZAMBEZI							**51000**		**990**		
							90.083		*90.083*		
ZEROUD											
ZHUJIANG											

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