

DELTA	Area X 10 ³	Stream Length	Relief	Ave EI (USGS)	Max EI	Min EI
	(sq km)	(km)	(m)		(USGS)	(USGS)
Amu Darya	466.20			1,717	4,833	110
Baram	17.76	305		602	760	40
Burdekin	226.70	613	339			
Chao Phraya	992.00	866	176			
Colville	59.40	567	469	410	1,350	20
Danube	779.50	2,536	292	462	2,600	60
Dneiper	495.50	1,223	45	150	297	50
Ebro	85.10	624	402	854	1,893	260
Fly	64.62			1,015	2,317	30
Ganges-Brahmaputra	1,664.70	3,902	682	1,923	6,033	180
Grijalva	134.40	82		631	2,220	7
Krishna	305.30	968	191			
Godavari	126.80	656	351	470	860	177
Huang He (Yellow)	865.10	5,464	514	1,547	4,240	327
Indus	1,086.00	1,487	606	1,721	5,700	30
Irrawaddy	404.10	1,295	353	898	4,433	30
Klang	0.90	56	446	165	310	217
Lena	2,421.40	4,319	223	570	1,697	90
MacKenzie	1,448.40	1,470	730	620	2,167	80
Magdalena	251.71	1,081	787	1,088	2,887	43
Mahakam	64.60	920		516	1,087	7
Mahanadi	141.59	900		426	877	193
Mangoky	58.16	570		778	1,440	240
Mekong	780.30	4,350	440	1,318	5,423	30
Mississippi	3,226.30	6,211	915	659	2,980	30
Niger	2,117.70	4,462	93	431	1,693	157
Nile	3,038.10	3,878	1,007	737	2,900	40
Ord	46.60	406	297	129	187	93
Orinoco	958.50	1,531	243	442	2,843	30
Paraiba do Sol				736	1,133	250
Parana	2,966.90	1,168	1,110	541	4,500	30
Pechora	300.70	1,513	147	154	927	53
Po	87.10	382	480	1,115	2,450	60
Pungoe	32.71	390		436	797	83

DELTA	Area X 10 ³ (sq km)	Stream Length (km)	Relief (m)	Ave EI (USGS)	Max EI (USGS)	Min EI (USGS)
Red	164.60	760	420	1,409	2,243	263
Salenga	549.09	992		1,292	2,450	693
Sao Francisco	602.30	2,227	63	621	1,150	310
Senegal	437.00	1,190	40	250	803	23
Shatt el Arab	793.60	2,658	112	1,090	2,450	60
Volga	1,553.90	2,365	32	161	783	30
Yangtze-Kiang	1,354.20	3,807	567	748	3,680	30
Yukon	829.70	2620		740	2,797	50
Zambezi	1,388.20	2650		1,058	1,847	333
TOTALS	33,387.44	73,464.0				
AVE	794.94	1,837	406	766	2,301	121

DELTA	DRAINAGE BASIN								
	Drainage Density	# Days Freeze	Ave Rainfall	Max Rainfall	Min Rainfall	J	F	M	A
			(USGS)	(USGS)	(USGS)				
Amu Darya			464	2,009	69	45	53	74	72
Baram			3225	3,330	1,359	367	264	283	268
Burdekin	0.22	0	662						
Chao Phraya	0.19	0	1,317						
Colville	0.31	305	92	110	73	0	0	0	0
Danube	0.30	180	808	1,678	457	51	51	47	60
Dneiper		165	489	631	769	46	43	41	39
Ebro	0.15	120	745	1,337	453	67	61	66	66
Fly			2,848	3,342	2,439	273	282	299	280
Ganges-Brahmaputra	0.24	0	1,474	2,269	341	20	21	28	40
Grijalva		0	1,591	2,801	916	25	19	33	70
Krishna	0.22	0	1,512						
Godavari	0.18	0	1,090	2,851	466	20	21	28	40
Huang He (Yellow)	0.23	180	300	754	6	20	21	28	40
Indus	0.37	105	396	1,580	39	20	21	28	40
Irrawaddy	0.21	0	1,684	3,529	665	20	21	28	40
Klang	0.01	0	758	1,010	575				
Lena	0.19	285	406	700	226	13	10	11	19
MacKenzie		300	335	893	119	16	15	16	15
Magdalena	0.67	0	1,835	3,266	586	65	71	95	175
Mahakam			2,982	3,250	2,513	303	263	308	275
Mahanadi			1,463	1,663	1,331	18	27	23	20
Mangoky			931	1,882	240	22	167	124	31
Mekong	0.23	120	1,303	2,263	216	15	18	34	66
Mississippi	0.19	120	688	1,532	169	34	35	52	65
Niger	0.20	0	672	2,247	8	2	3	9	24
Nile	0.20	0	664	2,703	1	11	14	27	45
Ord	0.11	0	793	939	678	168	196	156	20
Orinoco	0.23	0	1,998	3,872	648	49	56	74	173
Paraiba do Sol			1,482	1,643	1,253	247	216	211	83
Parana	0.30	0	1,207	1,984	197	182	161	141	90
Pechora	0.21	285	484	700	379	27	21	24	26
Po	0.26	0	1,179	1,921	599	65	64	83	102
Pungoe			1,130	1,363	919	252	230	155	62

DELTA	DRAINAGE BASIN								
	Drainage Density	# Days Freeze	Ave Rainfall	Max Rainfall	Min Rainfall				
			(USGS)	(USGS)	(USGS)	J	F	M	A
Red	0.31	0	1,122	1,417	928	16	19	28	76
Salenga			391	952	236	7	5	8	16
Sao Francisco	0.19	0	998	1,671	422	159	137	138	71
Senegal	0.16	0	657	1,902	111	2	3	3	8
Shatt el Arab	0.01	0	920	1,921	599	42	42	56	71
Volga		240	626	839	395	44	36	38	36
Yangtze-Kiang	0.36	120	1,190	1,917	572	30	48	78	119
Yukon			502	2,041	77	31	25	27	20
Zambezi			955	1,518	533	219	195	150	48
TOTALS									
AVE			1,078.33	1,855.75	564.55				

DELTA	Ave Monthly Rainfall (MM)								Annual Ave Discharge	Max Discharge
	M	J	J	A	S	O	N	D	(m ³ /sec)	(cu m/sec)
Amu Darya	52	25	15	8	7	23	43	48	1,397	3,145
Baram	239	213	213	193	208	258	329	380		
Burdekin									355	1,604
Chao Phraya									777	1,776
Colville	0	15	29	37	11	0	0	0	491	
Danube	83	99	91	78	60	66	65	57	6,499	8,938
Dneiper	42	54	71	79	69	50	46	50	48	2,893
Ebro	74	60	35	40	56	73	71	75	240	
Fly	261	219	203	186	213	179	208	245		
Ganges-Brahmaputra	65	101	115	105	72	46	29	21	29,692	80,984
Grijalva	153	249	211	208	283	173	62	39	3,079	11,567
Krishna									1,656	6,266
Godavari	65	101	115	105	72	46	29	21	3,079	11,567
Huang He (Yellow)	65	101	115	105	72	46	29	21	2,571	2,858
Indus	65	101	115	105	72	46	29	21	2,644	10,128
Irrawaddy	65	101	115	105	72	46	29	21	12,564	
Klang									17	24
Lena	33	56	75	73	46	32	21	16	16,630	73,996
MacKenzie	26	46	56	51	34	21	20	19	8,561	18,188
Magdalena	203	164	138	155	175	260	213	126	6,992	8,141
Mahakam	253	218	211	211	180	206	253	302		
Mahanadi	30	211	405	391	233	85	14	4	1,895	6,352
Mangoky	18	13	11	11	15	32	95	190	526	1,621
Mekong	150	175	208	240	211	120	48	20	10,314	21,872
Mississippi	84	87	75	68	61	49	42	37	17,704	28,161
Niger	56	87	136	179	124	43	7	2	1,045	1,424
Nile	67	76	114	131	89	52	24	14	2,778	7,692
Ord	7	2	5	1	6	36	79	118	166	816
Orinoco	262	295	298	235	172	174	136	73	28,857	58,822
Paraiba do Sol	44	31	22	26	59	126	207	271	854	1,546
Parana	60	44	30	28	57	113	132	169	17,280	20,841
Pechora	39	51	58	60	61	51	37	29	3,411	13,760
Po	133	105	93	102	111	122	118	80	1,514	1,936
Pungoe	22	18	12	17	11	28	110	212	137	513

DELTA	Ave Monthly Rainfall (MM)								Annual Ave Discharge	Max Discharge
	M	J	J	A	S	O	N	D	(m ³ /sec)	(cu m/sec)
	Red	124	173	221	230	137	82	53	26	3,913
Salenga	27	63	101	85	41	16	11	10		
Sao Francisco	24	12	11	9	23	67	148	200	2,808	4,878
Senegal	24	74	147	204	139	44	6	3	841	3,138
Shatt el Arab	99	103	104	103	91	84	73	50	1,966	3,299
Volga	49	64	74	66	60	57	51	50	8,103	24,022
Yangtze-Kiang	167	176	174	149	100	75	47	27	25,110	47,300
Yukon	28	41	60	72	63	58	43	34	6,115	12,988
Zambezi	6	2	1	1	4	26	102	201	3,341	4,558
TOTALS									235,970	507,614
AVE									6,051	14,503

DELTA	DELTA					
	Min. Discharge	Delta Area	Subaerial/Suaqueous	Abandoned/Active	Shoreline	# River Mouths
	(cu m/sed)	(sq km)	(area)	(area)	(length/width)	
Amu Darya	464	19,160				
Baram		208				
Burdekin	8	2,112	2.12	3.96	1.66	4
Chao Phraya	327	11,329	7.38	8.95	1.15	1
Colville		1,687	0.51		1.73	19
Danube	4,447	4,345	8.60	3.10	1.65	14
Dneiper	842	15,460				
Ebro		624	4.60	5.33	2.89	2
Fly		6,228				
Ganges-Brahmaputra	6,041	105,641	2.42	1.62	1.51	8
Grijalva	87	3,341				2
Krishna	34	6,322	4.55	1.17	1.76	11
Godavari	122	17,028	6.70	1.37	1.26	2
Huang He (Yellow)	543	36,272	3.30	3.41	1.36	5
Indus	189	29,524	8.15	6.41	1.42	4
Irrawaddy		20,571	0.09	2.94	1.65	10
Klang	11	1,817	1.00		1.35	2
Lena	1,203	43,563	1.21	0.26	1.85	7
MacKenzie	2,873	8,506	0.00			11
Magdalena	4,095	1,689	14.81	5.32	1.02	1
Mahakam		2,437				
Mahanadi	759	10,589				
Mangoky	93	1,547	3.90			
Mekong	1,505	93,781	1.98	1.85	2.20	5
Mississippi	9,579	28,568	5.23	5.33	2.03	22
Niger	750	19,135	8.53	1.60	1.24	11
Nile	979	12,512		8.68	1.20	2
Ord	1	3,896	3.20	1.39	2.28	2
Orinoco	5,642	20,642	8.61	0.19	1.81	18
Paraiba do Sol	392					
Parana	14,301	5,440	1.51		1.81	21
Pechora	481	8,737				
Po	969	13,398	7.96	3.98	1.39	8
Pungoe	28	413				

DELTA	DELTA					
	Min. Discharge	Delta Area	Subaerial/Suaqueous	Abandoned/Active	Shoreline	# River Mouths
	(cu m/sed)	(sq km)	(area)	(area)	(length/width)	
Red		12,073	3.94	0.49	1.33	12
Salenga						
Sao Francisco	1,215	1,742	1.36	2.30	1.08	1
Senegal	5	4,254	20.10	1.22	1.02	1
Shatt el Arab	849	18,497	0.62	5.66	1.30	2
Volga	3,918	27,224	1.97	0.73		15
Yangtze-Kiang	9,261	66,669	1.70	1.66	1.55	3
Yukon	895	4,937				
Zambezi	1,954	2,705				
TOTALS	74,862	694,623				
AVE	2,139	16,942				8

DELTA	RECEIVING BASIN				
	Distributory	Offshore Slope	Spring Tide	Wave Power Shoreline	RMS Wave Height
	Density	(degrees)	(m)	(x 107 Ergs/sec/m coast)	(m)
Amu Darya					
Baram					
Burdekin	0.25	0.0451	2.23	6.410	0.59
Chao Phraya	0.04	0.0041	2.38	0.736	0.23
Colville	0.30	0.0380	0.21		0.07
Danube	0.23	0.1520	0.00	0.033	0.51
Dneiper			0.00		0.23
Ebro	0.47	0.3050	0.00	0.155	1.53
Fly					
Ganges-Brahmaputra	0.05	0.0111	3.63	0.585	1.42
Grijalva					
Krishna	0.18	0.1270	1.19		1.42
Godavari	0.22	0.1940	0.79		0.64
Huang He (Yellow)	0.03	0.0261	1.13	0.218	0.58
Indus	0.68	0.0960	2.62	14.150	1.84
Irrawaddy	0.17	0.0211	2.71	0.193	1.42
Klang	0.08	0.0301	4.15		1.24
Lena	0.04	0.0151	0.21		0.24
MacKenzie	0.04		0.34		0.15
Magdalena	0.36	0.4690	1.10	206.250	1.62
Mahakam					
Mahanadi					
Mangoky			4.00		
Mekong	0.06	0.0351	2.59		1.92
Mississippi	0.32	0.0740	0.43	0.034	1.27
Niger	0.48	0.0660	1.43	2.000	1.11
Nile	0.38	0.1030	0.43	10.250	1.53
Ord	0.07	0.0451	5.85	1.000	0.78
Orinoco	0.15	0.0231	1.77		1.19
Paraiba do Sol					
Parana	0.20	0.0031	0.64		1.89
Pechora			0.73		0.30
Po	0.33	0.0331	0.73		1.53
Pungoe					

DELTA	RECEIVING BASIN				
	Distriburary	Offshore Slope	Spring Tide	Wave Power Shoreline	RMS Wave Height
	Density	(degrees)	(m)	(x 107 Ergs/sec/m coast)	(m)
Red	0.08	0.0481	1.86		1.92
Salenga					
Sao Francisco	0.55	0.1870	1.86	30.420	1.49
Senegal	0.16	0.4790	1.22	112.420	1.61
Shatt el Arab	0.21	0.1000	2.53	0.014	0.99
Volga	0.12				
Yangtze-Kiang	0.03	0.0111	3.66	0.127	2.14
Yukon					
Zambezi					
TOTALS					
AVE		0.1015	1.69	22.647	1.11