

APPENDIX 3 GIS DATA CALCULATED BY BASIN

The tables below³⁶ provides a sampling of the data created as part of the Basins At Risk project. At the time of this publication, the full data are in the process of being made web-accessible, at <http://terra.geo.orst.edu/users/tfdd/>.

Table A3.1: Basin Level GIS Data

Basin Name	BCODE	Dams (# of)	Runoff (mm/yr)	Climate Zones (# of)	Basin Area (sq. km)	Population (total)	Population Density (pop/sq. km)	Dam Density (dams/(sq. km/1000))	Discharge (cu.km/yr)
Akpa Yafi	AKPA	0	No Data	1	4905	136162	27.76	0	No Data
Alsek	ALSK	0	6321	3	28365	536	0.02	0	9
Amacuro	AMCR	0	No Data	1	5638	10283	1.82	0	No Data
Amur	AMUR	59	186368	10	2085864	66087512	31.68	0.02829	366
Amazon	AMZN	2	2134664	23	5883357	24583020	4.18	0.00034	6627
An Nahr Al Kabir	ANAK	1	No Data	1	1287	88880	69.06	0.77700	No Data
Aral Sea (internal drainage)	ARAL	44	44828	14	1231389	40126840	32.59	0.03573	111
Asi	ASIX	6	4163	4	37900	4694289	123.86	0.15831	8
Artibonite	ATBN	1	No Data	4	8830	1093537	123.84	0.11325	No Data

³⁶ The data for these tables was derived by Greg Fiske.

Table A3.1: Basin Level GIS Data (cont.)

Basin Name	BCODE	Dams (# of)	Runoff (mm/yr)	Climate Zones (# of)	Basin Area (sq. km)	Population (total)	Population Density (pop/sq. km)	Dam Density (dams/(sq. km/1000))	Discharge (cu.km/yr)
Astara Chay	ATCY	0	No Data	1	561	22441	40.00	0	No Data
Atrak	ATRK	0	605	4	34215	1160722	33.92	0	1
Atui	ATUI	0	No Data	1	32645	8808	0.27	0	No Data
Aviles	AVLS	0	No Data	1	257	643	2.50	0	No Data
Awash	AWSH	2	7326	7	154944	11766847	75.94	0.01291	18
Aysen	AYSN	0	No Data	1	13596	14499	1.07	0	No Data
Baker	BAKR	0	11522	2	30796	20168	0.65	0	25
Bann	BANN	0	No Data	1	5551	637028	114.76	0	No Data
Bidasoa	BDSO	0	No Data	1	525	43866	83.55	0	No Data
Benito Ntem	BENT	0	10852	2	45115	512316	11.36	0	26
Bia	BIAX	1	No Data	2	11062	567388	51.29	0.09040	No Data
Beilun	BLUN	0	No Data	1	915	155062	169.47	0	No Data
Belize	BLZE	0	No Data	4	11463	96946	8.46	0	No Data
Bangau	BNGU	0	No Data	1	63	381	6.05	0	No Data
Baraka	BRKA	0	76	2	66248	1864721	28.15	0	No Data
Barima	BRMA	0	No Data	1	2088	2216	1.06	0	No Data
Barta	BRTA	0	No Data	1	1766	58981	33.40	0	No Data
Buzi	BUZI	1	2464	2	27681	900512	32.53	0.03613	6
Ca (Song-Koi)	CAXX	3	6084	1	31028	3674502	118.43	0.09669	14
Candelaria	CDLR	0	No Data	2	12755	70793	5.55	0	No Data
Changuinola	CGNL	0	No Data	1	3204	31637	9.87	0	No Data

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Basin Name	BCODE	Dams (# of)	Runoff (mm/yr)	Climate Zones (# of)	Basin Area (sq. km)	Population (total)	Population Density (pop/sq. km)	Dam Density (dams/(sq. km/1000))	Discharge (cu.km/yr)
Chico (Carmen Silva)	CHIC	0	No Data	1	1680	8065	4.80	0	No Data
Chira	CHIR	1	No Data	4	15705	448049	28.53	0.06367	No Data
Choluteca	CHLT	0	No Data	2	7400	1386452	187.36	0	No Data
Chiriqui	CHRQ	0	No Data	1	1735	41860	24.13	0	No Data
Chuy	CHUY	0	No Data	1	175	12402	70.87	0	No Data
Colorado	CLDO	68	7074	13	655030	7014887	10.71	0.10381	19
Chilkat	CLKT	0	No Data	1	3776	201	0.05	0	No Data
Columbia	CLMB	111	107307	10	668433	6355980	9.51	0.16606	221
Chiloango	CLNG	0	No Data	1	11644	752156	64.60	0	No Data
Cancoso (Lauca)	CNCS	0	No Data	2	23509	126222	5.37	0	No Data
Congo	CNGO	16	420499	10	3691027	60222852	16.32	0.00433	1249
Coco (Segovia)	COCO	0	9483	4	25389	611662	24.09	0	20
Comau	COMA	0	No Data	1	937	288	0.31	0	No Data
Corubal	CRBL	0	No Data	2	24004	518214	21.59	0	No Data
Cross	CROS	0	22013	3	52756	8286256	157.07	0	55
Courantyne (Corantijn)	CRTY	0	12035	1	41765	51101	1.22	0	37
Coruh	CRUH	0	No Data	3	22066	409916	18.58	0	No Data
Castletown	CSTL	0	No Data	1	381	29460	77.32	0	No Data
Cestos	CSTO	0	No Data	3	15012	610416	40.66	0	No Data
Coatan Achute	CTAT	0	No Data	1	1989	410759	206.52	0	No Data
Catatumbo	CTTB	0	5216	4	30970	1322650	42.71	0	24
Cullen	CULL	0	No Data	1	594	6526	10.99	0	No Data

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Basin Name	BCODE	Dams (# of)	Runoff (mm/yr)	Climate Zones (# of)	Basin Area (sq. km)	Population (total)	Population Density (pop/sq. km)	Dam Density (dams/(sq. km/1000))	Discharge (cu.km/yr)
Cavally	CVLY	0	8977	3	30580	728609	23.83	0	17
Danube	DANU	57	95465	13	790119	80258360	101.58	0.07214	194
Daoura	DAUR	0	No Data	2	34479	402291	11.67	0	No Data
Dnieper	DNPR	69	27357	6	516281	31292984	60.61	0.13365	53
Dniester	DNSR	15	5961	4	62000	6458344	104.17	0.24194	8
Don	DONX	83	15498	7	425551	19618048	46.10	0.19504	31
Dra	DRAX	3	1	3	96368	866277	8.99	0.03113	No Data
Drin	DRIN	2	No Data	5	17917	1896715	105.86	0.11163	No Data
Dasht	DSHT	0	No Data	1	33353	340966	10.22	0	No Data
Daugava	DUGV	1	7478	2	58742	1814622	30.89	0.01702	13
Douro (Duero)	DURO	27	10071	4	98856	4340608	43.91	0.27312	19
Ebro	EBRO	49	9997	7	85787	2960721	34.51	0.57118	27
Elbe	ELBE	36	12203	5	132245	23291484	176.12	0.27222	22
Elancik	ELNK	0	No Data	1	924	6508	7.04	0	No Data
Erne	ERNE	0	No Data	1	4784	158730	33.18	0	No Data
Essequibo	ESQB	2	73611	4	239480	720069	3.01	0.00835	215
Etosha/Cuvelai	ETOS	1	303	5	167417	776842	4.64	0.00597	1
Fane	FANE	0	No Data	1	198	7064	35.68	0	No Data
Flurry	FLRY	0	No Data	1	61	6955	114.02	0	No Data
Fly	FLYX	0	46799	3	64616	310200	4.80	0	140
Fenney	FNNY	0	No Data	1	2783	478059	171.78	0	No Data
Foyle	FOYL	0	No Data	1	2917	141525	48.52	0	No Data

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Basin Name	BCODE	Dams (# of)	Runoff (mm/yr)	Climate Zones (# of)	Basin Area (sq. km)	Population (total)	Population Density (pop/sq. km)	Dam Density (dams/(sq. km/1000))	Discharge (cu.km/yr)
Fraser	FRSR	4	49681	10	239735	1221582	5.10	0.01669	88
Firth	FRTH	0	No Data	2	6046	0	0.00	0	No Data
Gallegos	GALG	0	No Data	4	11597	17846	1.54	0	No Data
Gambia	GAMB	0	2886	2	69932	1413293	20.21	0	9
Ganges	GANG	222	442060	13	1634936	508719840	311.16	0.13579	1247
Gash	GASH	0	387	5	40045	2676104	66.83	0	1
Geba	GEBA	0	No Data	1	12784	410075	32.08	0	No Data
Grijalva	GJLV	3	35134	10	126790	6211205	48.99	0.02366	103
Glama	GLAM	0	10339	5	43002	650934	15.14	0	18
Golok	GLOK	0	No Data	1	1842	253430	137.58	0	No Data
Goascoran	GOSR	0	No Data	1	2785	245454	88.13	0	No Data
Garonne	GRON	9	8378	5	55783	3400137	60.95	0.16134	18
Great Scarcies	GSCR	0	No Data	3	12068	458384	37.98	0	No Data
Guadiana	GUDN	17	2363	1	67925	1677741	24.70	0.25028	5
Guir	GUIR	1	No Data	2	78913	326304	4.13	0.01267	No Data
Gauja	GUJA	0	No Data	4	11553	436658	37.80	0	No Data
Han	HANX	11	11915	5	35266	18065656	512.27	0.31192	24
Hari (Harirud)	HARI	2	2274	5	92593	4870661	52.60	0.02160	6
Helmand	HLMD	4	5009	6	353513	6991007	19.78	0.01132	15
Hondo	HOND	0	No Data	2	14590	182094	12.48	0	No Data
Har Us Nur	HRUN	0	716	7	185252	241744	1.30	0	2
Hsi	HSIX	60	93657	4	417755	79367008	189.98	0.14362	277

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Incomati	ICMT	3	1775	6	46729	1457973	31.20	0.06420	4
Ili (Kunes He)	ILIX	0	No Data	1	161221	4149595	25.74	0	7
Indus	INDU	28	58429	19	1138805	200078528	175.69	0.02459	146
Irrawaddy	IRWD	1	204433	9	404189	35008484	86.61	0.00247	504
Isonzo	ISNZ	0	No Data	2	3021	371742	123.05	0	No Data
Jacobs	JCBS	0	No Data	1	442	883	2.00	0	No Data
Jordan	JORD	2	736	4	34016	5153450	151.50	0.05880	2
Juba-Shibeli	JUBA	0	5101	13	803543	12431128	15.47	0	13
Jurado	JURD	0	No Data	1	665	4580	6.89	0	No Data
Kaladan	KALD	0	23439	3	30516	933627	30.59	0	62
Kemi	KEMI	1	15353	2	55732	98942	1.78	0.01794	17
Kogilnik	KGNK	9	No Data	2	6147	524750	85.37	1.46413	No Data
Komoe	KMOE	0	1386	2	78123	1963384	25.13	0	5
Karnaphuli	KNFL	1	No Data	2	12510	1932158	154.45	0.07994	No Data
Kowl-E-Namaksar	KOWL	0	171	2	36455	396751	10.88	0	1
Krka	KRKA	0	No Data	1	1254	104886	83.64	0	No Data
Klaralven	KRLV	0	11310	8	50960	1142571	22.42	0	17
Kunene	KUNE	3	5065	8	109991	1200370	10.91	0.02727	20
Kura-Araks	KURA	11	5964	13	193197	13349132	69.10	0.05694	15
Lava (Pregel)	LAVA	0	No Data	2	8578	755114	88.03	0	No Data
Lotagipi Swamp	LGPS	0	502	3	38749	191702	4.95	0	No Data
Lima	LIMA	1	No Data	1	2284	118077	51.70	0.43783	No Data

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Lake Chad	LKCH	1	40327	7	2388687	33139232	13.87	0.00042	93
Lake Fagnano	LKFN	0	No Data	1	3189	3751	1.18	0	No Data
Lake Natron	LKNT	0	942	8	55441	1225326	22.10	0	2
Lake Prespa	LKPP	2	No Data	2	9035	894761	99.03	0.22136	No Data
Lake Titicaca-Poopo System	LKTC	1	12783	8	111781	2119984	18.97	0.00895	34
Lake Turkana	LKTK	1	16646	8	206923	14768555	71.37	0.00483	56
Lake Ubsa-Nur	LKUN	0	781	5	62784	106628	1.70	0	2
Lielupe	LLUP	0	No Data	3	14351	422161	29.42	0	No Data
Lempa	LMPA	2	No Data	2	18040	3960724	219.55	0.11086	No Data
Limpopo	LMPO	38	3454	6	414798	13210817	31.85	0.09161	12
Lagoon Mirim	LMRM	0	10764	3	54957	548307	9.98	0	28
Loffa	LOFF	0	No Data	2	11402	159465	13.99	0	No Data
La Plata	LPTA	46	258199	16	2954460	57016904	19.30	0.01557	736
Little Scarcies	LSCR	0	No Data	3	18872	729853	38.67	0	No Data
Mana-Morro	MANA	0	No Data	1	6847	213945	31.25	0	No Data
Massacre	MASS	0	No Data	1	798	202670	253.97	0	No Data
Ma	MAXX	0	5340	1	30269	2418574	79.90	0	17
Mbe	MBEX	0	No Data	1	6981	21830	3.13	0	No Data
Medjerda	MDJD	2	2012	1	174816	2343374	13.40	0.01144	5
Mekong	MEKO	25	166550	10	787776	52446340	66.58	0.03173	492
Mino	MINO	13	5869	1	15089	1044297	69.21	0.86155	No Data
Mira	MIRA	0	No Data	2	12096	323366	26.73	0	No Data

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Mississippi	MISS	750	255926	17	3226293	69847144	21.65	0.23246	620
Mius	MIUS	0	No Data	1	2787	106189	38.10	0	No Data
Moa	MOAX	0	No Data	2	22510	1283346	57.01	0	No Data
Mono	MONO	0	No Data	2	23430	1451172	61.94	0	No Data
Motaqua	MOTQ	0	No Data	5	16088	3566074	221.66	0	No Data
Maputo	MPUT	3	1446	4	30656	1104265	36.02	0.09786	4
Murgab	MRGB	3	1428	6	60926	1237547	20.31	0.04924	3
Maroni	MRNI	0	19674	3	64999	10767	0.17	0	62
Maritsa	MRSA	30	5686	8	49643	3359028	67.66	0.60431	12
Mataje	MTJE	0	No Data	1	734	12254	16.69	0	No Data
Naatamo	NAAT	0	No Data	1	996	772	0.78	0	No Data
Negro	NEGR	0	No Data	2	5766	158764	27.53	0	No Data
Nelson-Saskatchewan	NELS	142	45993	11	1109407	5164532	4.66	0.12800	87
Niger	NGER	7	110480	7	2113244	71496680	33.83	0.00331	310
Nahr El Kebir	NHRK	0	No Data	1	1536	594630	387.13	0	No Data
Nile	NILE	12	107410	14	3031691	144982480	47.82	0.00396	324
Neman	NMAN	5	11660	2	90310	4614951	51.10	0.05536	19
Neretva	NRTV	0	No Data	2	5502	278296	50.58	0	No Data
Narva	NRVA	0	8249	3	52955	1126515	21.27	0	12
Nestos	NSTO	0	No Data	3	10190	272275	26.72	0	No Data
Nyanga	NYGA	0	No Data	1	12340	36495	2.96	0	No Data
Ob	OBXX	88	262023	11	2950834	31332128	10.62	0.02982	431

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Oued Bon Naima	ODBN	0	No Data	1	504	47599	94.44	0	No Data
Oder (Odra)	ODER	15	11049	6	122425	16783652	137.09	0.12252	20
Ogooue	OGOO	0	48951	4	222987	618835	2.78	0	149
Okavango	OKVG	1	10821	4	706879	1385033	1.96	0.00141	32
Olanga	OLNG	0	No Data	1	18831	71450	3.79	0	No Data
Oral	ORAL	64	9587	3	311001	3417159	10.99	0.20579	18
Orange	ORAN	32	2952	10	945475	13918971	14.72	0.03385	9
Orinoco	ORIN	2	328617	10	927430	10089300	10.88	0.00216	986
Oueme	OUEM	0	2221	2	59517	4641340	77.98	0	11
Oulu	OULU	0	7063	1	28681	206014	7.18	0	11
Oyupock (Oiapoque)	OYPK	0	No Data	2	23251	34875	1.50	0	No Data
Paz	PAZX	0	No Data	1	2170	485232	223.61	0	No Data
Pedernales	PDNL	0	No Data	1	358	52430	146.45	0	No Data
Pakchan	PKCN	0	No Data	1	3912	128069	32.74	0	No Data
Palena	PLNA	0	No Data	5	13336	8045	0.60	0	No Data
Pandaruan	PNDR	0	No Data	1	371	7612	20.52	0	No Data
Po	POXX	3	21951	7	87076	17313426	198.83	0.03445	50
Prohladnaja	PRLN	0	No Data	1	619	23431	37.85	0	No Data
Parnu	PRNU	0	No Data	1	5842	162531	27.82	0	No Data
Pascua	PSCU	0	No Data	1	13696	3477	0.25	0	No Data
Pasvik	PSVK	1	No Data	1	16015	43718	2.73	0.06244	No Data
Patia	PTIA	0	No Data	4	21289	1001301	47.03	0	No Data

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Basin Name	BCODE	Dams (# of)	Runoff (mm/yr)	Climate Zones (# of)	Basin Area (sq. km)	Population (total)	Population Density (pop/sq. km)	Dam Density (dams/(sq. km/1000))	Discharge (cu.km/yr)
Puelo	PUEL	0	No Data	3	8404	5061	0.60	0	No Data
Pu-Lun-T'o	PULT	0	224	6	89004	418476	4.70	0	1
Rudkhaneh-ye (BahuKalat)	RDKH	0	No Data	2	18018	77881	4.32	0	No Data
Red	REDX	11	31507	2	157103	27153668	172.84	0.07002	90
Rezvaya	REZV	0	No Data	1	671	7573	11.29	0	No Data
Rio Grande	RGNA	67	No Data	10	656109	11484489	17.50	0.10212	3
Rio Grande	RGSA	0	No Data	1	8015	22590	2.82	0	No Data
Rhine	RHIN	16	39471	6	172945	53590904	309.87	0.09251	80
Rhone	RHON	6	24835	6	100219	9621311	96.00	0.05987	54
Roia	ROIA	0	No Data	1	647	29545	45.66	0	No Data
Ruvuma	RVMA	0	21536	3	174816	1746468	9.99	0	60
Sabi	SABI	5	4330	4	115695	3105723	26.84	0.04322	15
Saigon	SAIG	2	10190	2	25138	5411169	215.26	0.07956	25
Salaca	SALC	0	No Data	2	2086	49117	23.55	0	No Data
Salween	SALW	1	49287	9	244016	5013968	20.55	0.00410	124
Samur	SAMR	0	No Data	2	6772	34428	5.08	0	No Data
Sassandra	SASS	0	9635	2	68177	2715123	39.82	0	26
St. Croix	SCRO	1	No Data	1	4639	32239	6.95	0.21556	No Data
Seine	SEIN	5	8550	1	85749	16323425	190.36	0.05831	16
Senegal	SENG	0	8532	4	435979	4103053	9.41	0	22
Seno Union (Serrano)	SENO	0	No Data	3	6469	2293	0.35	0	No Data
Sepik	SEPK	0	31823	2	73361	764375	10.42	0	87

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Schelde	SHLD	1	No Data	1	17107	7507796	438.87	0.05846	No Data
Sixaola	SIOL	2	No Data	1	2873	17624	6.13	0.69614	No Data
St. John	SJAF	0	5546	2	15563	471178	30.28	0	No Data
Saint John	SJNA	1	13181	1	47719	458768	9.61	0.02096	29
San Juan	SJUA	6	13726	6	42166	2578821	61.16	0.14229	44
Skagit	SKAG	2	No Data	2	8021	58108	7.24	0.24935	No Data
St. Lawrence	SLAW	85	172648	13	1055163	45094216	42.74	0.08056	356
San Martin	SMAR	0	No Data	1	653	1786	2.74	0	No Data
Sembakung	SMBK	0	10497	1	15251	125300	8.22	0	No Data
St. Paul	SPAU	1	No Data	2	21232	652205	30.72	0.04710	No Data
Sarata	SRTA	1	No Data	1	1756	60348	34.37	0.56948	No Data
Sarstun	SRTU	0	No Data	1	2070	37749	18.24	0	No Data
Stikine	STKN	0	28310	2	50868	1950	0.04	0	39
Struma	STUM	1	No Data	3	14982	866392	57.83	0.06675	No Data
Suchiate	SUCT	0	No Data	1	1554	640859	412.39	0	No Data
Sujfun	SUJF	0	No Data	2	18269	664807	36.39	0	No Data
Sulak	SULK	0	No Data	2	15075	228092	15.13	0	No Data
Song Vam Co Dong	SVCD	0	4210	2	15300	4385538	286.64	0	No Data
Tafna	TAFN	0	No Data	2	9453	1434397	151.74	0	No Data
Tagus (Tejo)	TAGU	40	6532	3	77871	9160948	117.64	0.51367	19
Taku	TAKU	0	No Data	2	18145	12	0.00	0	No Data
Tami	TAMI	0	46146	2	89850	338061	3.76	0	113

Table A3.1: Basin Level GIS Data (cont.)

Basin Name	BCODE	Dams (# of)	Runoff (mm/yr)	Climate Zones (# of)	Basin Area (sq. km)	Population (total)	Population Density (pop/sq. km)	Dam Density (dams/(sq. km/1000))	Discharge (cu.km/yr)
Tana	TANA	0	No Data	2	15633	6376	0.41	0	No Data
Tano	TANO	0	1185	2	15571	1043531	67.02	0	No Data
Terek	TERK	0	6010	5	38741	2344346	60.51	0	14
Tigris_Euphrates	TIGR	33	47447	9	789017	48110860	60.98	0.04182	125
Tijuana	TIJU	2	No Data	1	4390	841034	191.58	0.45558	No Data
Tjeroaka_Wanggoe	TJWA	0	No Data	2	6568	32165	4.90	0	No Data
Torne	TORN	0	4374	2	37316	85615	2.29	0	5
Tarim	TRIM	37	3199	12	1051614	7804121	7.42	0.03518	7
Tuloma	TULM	1	3272	2	25772	412293	16.00	0.03880	4
Tumbes	TUMB	0	No Data	1	4969	74654	15.02	0	No Data
Tumen	TUMN	0	1739	2	29118	2062230	70.82	0	4
Umbeluzi	UBLZ	1	No Data	3	10914	1560038	142.94	0.09163	No Data
Umba	UMBA	0	No Data	1	8185	512216	62.58	0	No Data
Utamboni	UTBN	0	No Data	1	7656	39472	5.16	0	No Data
Valdivia	VDVA	1	No Data	2	14971	1066300	71.22	0.06680	No Data
Venta	VENT	0	No Data	2	9526	570293	59.87	0	No Data
Vijose	VJSE	1	No Data	1	7169	513935	71.69	0.13949	No Data
Velaka	VLKA	0	No Data	1	695	10844	15.60	0	No Data
Volga	VOLG	135	179413	7	1554883	62319276	40.08	0.08682	310
Volta	VOLT	3	12417	4	412799	19097806	46.26	0.00727	39
Vardar	VRDR	2	2067	6	32373	3510334	108.43	0.06178	4
Vistula	VSTL	9	16757	4	194010	24015210	123.78	0.04639	34

Table A3.1: Basin Level GIS Data (cont.)

Basin Name	BCODE	Dams (# of)	Runoff (mm/yr)	Climate Zones (# of)	Basin Area (sq. km)	Population (total)	Population Density (pop/sq. km)	Dam Density (dams/(sq. km/1000))	Discharge (cu.km/yr)
Vuoksa	VUKS	0	14323	4	62748	653566	10.42	0	19
Wadi Al Izziyah	WADI	0	No Data	1	576	33340	57.88	0	No Data
Whiting	WHIT	0	No Data	1	2553	0	0.00	0	No Data
Wiedau	WIED	0	No Data	1	1126	65023	57.75	0	No Data
Yalu	YALU	10	9271	4	50865	6375738	125.35	0.19660	22
Yaqui	YAQU	3	41	4	74662	643180	8.61	0.04018	No Data
Yelcho	YELC	0	No Data	3	11139	7786	0.70	0	No Data
Yenisey (Jenisej)	YNSY	9	402987	9	2557825	8042464	3.14	0.00352	601
Yser	YSER	0	No Data	1	923	84695	91.76	0	No Data
Yukon	YUKN	3	154435	9	829732	104639	0.13	0.00362	174
Zambezi	ZAMB	30	105885	6	1385275	28135732	20.31	0.02166	333
Zapaleri	ZAPL	0	No Data	1	2636	8385	3.18	0	No Data
Zarumilla	ZARM	0	No Data	1	4311	567550	131.65	0	No Data

Table A3.2: Country Level GIS Data

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.k m.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.k m)
Aruba	ABW	200.33	64634	322.6	No Data	No Data	0	0
Afghanistan	AFG	642117.00	24785372	38.6	71.7	2894.3	4	0.00001
Angola	AGO	1252140.08	10463960	8.4	303.6	29013.9	10	0.00001
Anguilla	AIA	91.57	11293	123.3	No Data	No Data	0	0
Albania	ALB	28616.50	3294902	115.1	23.8	7220.5	8	0.00028
Andorra	AND	506.31	65451	129.3	No Data	No Data	0	0
Netherlands Antilles	ANT	791.73	174110	219.9	No Data	No Data	0	0
United Arab Emirates	ARE	70473.50	2187809	31.0	0.8	381.6	0	0
Argentina	ARG	2781196.47	36205064	13.0	242.5	6698.5	13	0
Armenia	ARM	29636.06	3420643	115.4	1.8	516.4	3	0.00010
American Samoa	ASM	164.36	13755	83.7	No Data	No Data	0	0
Antarctica	ATA	200995.29	0	0.0	No Data	No Data	0	0
French Southern & Antarctic Lands	ATF	7455.21	0	0.0	No Data	No Data	0	0
Antigua and Barbuda	ATG	538.64	51519	95.6	No Data	No Data	0	0
Australia	AUS	7701676.83	18281688	2.4	283.8	15523.3	60	0.00001

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.k m.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.k m)
Austria	AUT	83707.40	8088725	96.6	41.5	5131.1	0	0
Azerbaijan	AZE	85844.71	7819936	91.1	8.9	1135.6	5	0.00006
Burundi	BDI	27309.40	5644691	206.7	7.1	1258.7	0	0
Belgium	BEL	30542.20	10197549	333.9	9.9	971.6	1	0.00003
Benin	BEN	116660.00	6126811	52.5	22.6	3683.9	0	0
Burkina Faso	BFA	273396.00	11221887	41.0	14.6	1301.5	1	0
Bangladesh	BGD	138201.94	127093952	919.6	128.9	1014.2	1	0.00001
Bulgaria	BGR	110834.00	8199727	74.0	20.2	2469.3	39	0.00035
	BHR	641.48	520937	812.1	No Data	No Data	0	0
Bahamas, The	BHS	12165.62	238678	19.6	No Data	No Data	0	0
Bosnia and Herzegovina	BIH	51422.50	3332724	64.8	36.9	11069.6	1	0.00002
Byelarus	BLR	206859.00	10415724	50.4	34.0	3268.4	9	0.00004
Belgium/Luxembourg								
Belize	BLZ	22098.60	197615	8.9	No Data	No Data	0	0
Bermuda	BMU	19.80	9963	503.1	No Data	No Data	0	0
Bolivia	BOL	1090140.00	7809062	7.2	317.8	40699.1	2	0
Brazil	BRA	8504477.43	167213728	19.7	6790.7	40611.0	319	0.00004
Barbados	BRB	447.94	247405	552.3	No Data	No Data	0	0

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.km.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.km)
Brunei	BRN	5772.18	285877	49.5	No Data	No Data	0	0
Bhutan	BTN	39901.80	1895010	47.5	45.5	24035.6	0	0
Botswana	BWA	579826.00	1441759	2.5	3.7	2551.3	3	0.00001
Central African Republic	CAF	621267.00	3163966	5.1	117.9	37262.7	0	0
Canada	CAN	9901381.00	29083380	2.9	2456.0	84447.5	351	0.00004
Cocos (Keeling) Islands	CCK	18.01	155	8.6	No Data	No Data	0	0
Switzerland	CHE	41379.00	7260209	175.5	47.5	6547.0	4	0.00010
Chile	CHL	744103.22	14173216	19.0	343.3	24225.1	9	0.00001
China	CHN	9367296.70	1.235E+09	131.9	2080.8	1684.3	894	0.00010
Ivory Coast	CIV	322688.14	15029100	46.6	86.9	5782.1	2	0.00001
Cameroon	CMR	466784.00	14937038	32.0	268.2	17952.6	3	0.00001
Congo, Republic of the (Brazzaville)	COG	345560.00	2656441	7.7	141.1	53129.7	0	0
Cook Islands	COK	150.94	9468	62.7	No Data	No Data	0	0
Colombia	COL	1140079.51	38728872	34.0	1679.7	43370.0	11	0.00001
Comoros	COM	1722.90	303596	176.2	No Data	No Data	0	0
	CPV	4045.17	321017	79.4	No Data	No Data	0	0
Costa Rica	CRI	51260.10	3567351	69.6	70.4	19735.8	21	0.00041
Cuba	CUB	109476.24	10501331	95.9	19.5	1857.7	25	0.00023

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.km.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.km)
Christmas Island	CXR	124.47	580	4.7	No Data	No Data	0	0
Cayman Islands	CYM	209.24	19145	91.5	No Data	No Data	0	0
Cyprus	CYP	9137.23	715065	78.3	No Data	No Data	2	0.00022
Czech Republic	CZE	78490.40	10303657	131.3	14.6	1421.0	31	0.00039
Germany	DEU	355923.17	82019456	230.4	107.7	1313.4	33	0.00009
Djibouti	DJI	21519.60	219175	10.2	No Data	No Data	0	0
Dominica	DMA	767.00	34309	44.7	No Data	No Data	0	0
Denmark	DNK	42509.31	5020528	118.1	No Data	No Data	0	0
Dominican Republic	DOM	48515.79	7913613	163.1	10.6	1334.1	0	0
Algeria	DZA	2320970.00	30112646	13.0	13.9	461.8	9	0
Ecuador	ECU	256444.09	12304469	48.0	110.9	9010.1	2	0.00001
Egypt	EGY	1000220.00	64523500	64.5	No Data	No Data	2	0
Eritrea	ERI	121331.73	3823629	31.5	0.9	229.8	1	0.00001
Western Sahara	ESH	269562.00	197021	0.7	No Data	No Data	0	0
Spain	ESP	505594.66	38729244	76.6	101.3	2615.1	178	0.00035
Estonia	EST	45689.00	1402343	30.7	17.9	12785.8	0	0
Ethiopia	ETH	1132230.00	58316080	51.5	215.9	3703.0	3	0
Finland	FIN	333142.25	5065456	15.2	95.8	18906.2	1	0
Fiji	FJI	18091.73	460828	25.5	No Data	No Data	0	0

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.km.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.km)
Falkland Islands (Islas Malvinas)	FLK	11449.31	2512	0.2	No Data	No Data	0	0
France	FRA	546639.21	58126004	106.3	166.6	2867.0	44	0.00008
Faroe Islands	FRO	1474.64	37532	25.5	No Data	No Data	0	0
Federated States of Micronesia	FSM	518.48	33474	64.6	No Data	No Data	0	0
Gabon	GAB	261843.68	1162972	4.4	188.5	162121.7	0	0
United Kingdom	GBR	243298.48	57974716	238.3	104.4	1801.2	54	0.00022
Georgia	GEO	69847.80	5009220	71.7	26.3	5260.1	3	0.00004
Ghana	GHA	240041.00	18880412	78.7	40.4	2138.5	3	0.00001
Gibraltar	GIB	7.85	12195	1554.2	No Data	No Data	0	0
Guinea	GIN	246023.00	6895440	28.0	192.7	27950.6	3	0.00001
Guadeloupe	GLP	1657.45	350486	211.5	No Data	No Data	0	0
Gambia, The	GMB	10762.20	1211354	112.6	No Data	No Data	0	0
Guinea-Bissau	GNB	33287.61	1175331	35.3	35.5	30207.0	0	0
Equatorial Guinea	GNQ	27038.37	394245	14.6	23.8	60398.5	0	0
Greece	GRC	129901.37	10217959	78.7	26.9	2628.1	6	0.00005
Grenada	GRD	347.54	78276	225.2	No Data	No Data	0	0
Greenland	GRL	2143322.94	41029	0.0	40.8	995044.9	0	0
Guatemala	GTM	109387.00	12002093	109.7	134.5	11204.6	1	0.00001

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.k m.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.k m)
French Guiana	GUF	83967.60	154621	1.8	115.0	743909.3	0	0
Guam	GUM	577.93	127454	220.5	No Data	No Data	0	0
Guyana	GUY	211511.00	599601	2.8	223.0	371919.0	0	0
Heard Island & McDonald Islands	HMD	398.57	0	0.0	No Data	No Data	0	0
Honduras	HND	112602.02	5722110	50.8	72.1	12608.0	1	0.00001
Croatia	HRV	55763.86	4476114	80.3	28.7	6422.3	3	0.00005
Haiti	HTI	27234.73	5651693	207.5	10.9	1920.7	1	0.00004
Hungary	HUN	92740.20	10211737	110.1	5.5	534.7	0	0
Indonesia	IDN	1901671.99	207784288	109.3	2210.7	10639.5	2	0
India	IND	3159708.19	980240832	310.2	1468.1	1497.7	463	0.00015
British Indian Ocean Territory	IOT	90.83	0	0.0	No Data	No Data	0	0
Ireland	IRL	69356.25	3536446	51.0	43.5	12296.8	0	0
Iran	IRN	1624128.11	67332224	41.5	119.7	1777.1	19	0.00001
Iraq	IRQ	436487.00	23053884	52.8	26.2	1137.2	14	0.00003
Iceland	ISL	102280.00	257599	2.5	65.6	254578.6	1	0.00001
Israel	ISR	26981.41	8401502	311.4	No Data	No Data	0	0
Italy	ITA	299482.49	55391116	185.0	114.1	2059.4	9	0.00003
Jamaica	JAM	11066.60	2461379	222.4	No Data	No Data	0	0

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.k m.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.k m)
Jordan	JOR	89290.50	4437094	49.7	0.7	149.9	1	0.00001
Japan	JPN	371029.80	122565104	330.3	334.1	2726.2	119	0.00032
Kazakhstan	KAZ	2715281.89	16868988	6.2	113.3	6715.9	76	0.00003
Kenya	KEN	584430.82	28371668	48.5	42.4	1493.5	10	0.00002
Kyrgyzstan	KGZ	199285.00	4493993	22.6	33.5	7447.5	10	0.00005
Cambodia (Kampuchea)	KHM	182438.00	11270101	61.8	119.5	10605.5	0	0
Kiribati	KIR	420.66	1585	3.8	No Data	No Data	0	0
St. Kitts and Nevis	KNA	196.25	35085	178.8	No Data	No Data	0	0
Korea	KOR	97209.89	45303440	466.0	53.6	1183.5	56	0.00058
Kuwait	KWT	16759.22	1445527	86.3	No Data	No Data	0	0
Laos, People's Democratic Republic of	LAO	230598.00	5310349	23.0	209.0	39347.9	2	0.00001
Lebanon	LBN	10217.30	3465249	339.2	No Data	No Data	1	0.00010
Liberia	LBR	96418.20	2670863	27.7	107.2	40126.7	1	0.00001
Libya	LBY	1620340.00	4810843	3.0	0.8	163.9	0	0
St. Lucia	LCA	637.64	129942	203.8	No Data	No Data	0	0
Liechtenstein	LIE	175.92	32451	184.5	No Data	No Data	0	0
Sri Lanka	LKA	66319.42	18564274	279.9	51.2	2759.2	3	0.00005
Lesotho	LSO	30552.90	1817408	59.5	6.7	3703.3	0	0

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.k m.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.k m)
Lithuania	LTU	64714.71	3608803	55.8	16.9	4686.1	1	0.00002
Luxembourg	LUX	2571.99	431448	167.7	No Data	No Data	1	0.00039
Latvia	LVA	64325.00	2372019	36.9	17.9	7564.3	1	0.00002
Macau	MAC	4.48	272926	60882.4	No Data	No Data	0	0
Morocco	MAR	403542.00	26795004	66.4	9.9	371.2	13	0.00003
Monaco	MCO	9.25	4733	511.5	No Data	No Data	0	0
Moldova	MDA	33595.10	4442628	132.2	1.0	232.6	41	0.00122
Madagascar	MDG	594749.34	14390306	24.2	365.4	25388.8	14	0.00002
Maldives	MDV	33.77	50509	1495.5	No Data	No Data	0	0
Mexico	MEX	1961264.74	99698816	50.8	306.2	3071.1	115	0.00006
Marshall Islands	MHL	31.87	2701	84.7	No Data	No Data	0	0
Macedonia	MKD	25426.10	2020533	79.5	4.7	2301.4	0	0
Mali	MLI	1256360.00	10126725	8.1	31.1	3072.3	0	0
Malta	MLT	294.36	350089	1189.3	No Data	No Data	0	0
Myanmar (Burma)	MMR	668863.54	46684256	69.8	873.5	18711.3	3	0
Mongolia	MNG	1558810.00	2522851	1.6	26.5	10514.6	0	0
Northern Mariana Islands	MNP	237.88	30369	127.7	No Data	No Data	0	0
	MON	13772.90	680340	49.4	No Data	No Data	1	0.00007

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.k m.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.k m)
Mozambique	MOZ	788867.69	18560296	23.5	169.6	9139.8	5	0.00001
Mauritania	MRT	1041437.11	2500873	2.4	0.6	253.5	0	0
Montserrat	MSR	112.95	5169	45.8	No Data	No Data	0	0
Martinique	MTQ	1151.94	392827	341.0	No Data	No Data	0	0
Mauritius	MUS	2151.04	1164063	541.2	No Data	No Data	2	0.00093
Malawi	MWI	118932.57	9799094	82.4	15.4	1571.3	0	0
Malaysia	MYS	329955.94	20060724	60.8	502.3	25038.3	8	0.00002
Mayotte	MYT	436.96	138446	316.8	No Data	No Data	0	0
Namibia	NAM	825725.00	1594516	1.9	0.7	444.9	3	0
New Caledonia	NCL	18895.02	170368	9.0	No Data	No Data	0	0
Niger	NER	1185840.00	9599165	8.1	3.4	353.9	0	0
Norfolk Island	NFK	49.05	2171	44.3	No Data	No Data	0	0
Nigeria	NGA	912245.12	109638592	120.2	350.8	3199.7	8	0.00001
Nicaragua	NIC	128594.00	4703224	36.6	149.0	31670.2	1	0.00001
Niue	NIU	250.25	1262	5.0	No Data	No Data	0	0
Netherlands	NLD	35426.44	15612527	440.7	6.2	397.8	1	0.00003
Norway	NOR	318907.37	4082835	12.8	224.0	54857.7	10	0.00003
Nepal	NPL	147380.00	23881958	162.0	151.4	6340.8	2	0.00001
Nauru	NRU	27.28	3536	129.6	No Data	No Data	0	0

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.km.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.km)
New Zealand	NZL	268340.63	3459718	12.9	215.0	62157.7	3	0.00001
Oman	OMN	309591.69	1329679	4.3	0.9	663.5	2	0.00001
Pakistan	PAK	877532.00	134927984	153.8	25.2	186.9	22	0.00003
Panama	PAN	74381.40	2709214	36.4	105.7	39005.0	4	0.00005
Pitcairn Islands	PCN	48.23	0	0.0	No Data	No Data	0	0
Peru	PER	1296130.00	25146108	19.4	552.0	21950.4	3	0
Philippines	PHL	293543.30	69732904	237.6	217.1	3114.0	4	0.00001
Pacific Islands (Palau)	PLW	353.83	3855	10.9	No Data	No Data	0	0
Papua New Guinea	PNG	464460.28	4344240	9.4	674.6	155287.9	0	0
Poland	POL	310470.00	38532768	124.1	58.5	1517.3	16	0.00005
Puerto Rico	PRI	9176.22	3739470	407.5	No Data	No Data	0	0
Korea, Democratic People's Republic of (North)	PRK	122078.00	21014220	172.1	54.1	2573.2	51	0.00042
Portugal	PRT	91820.62	9691862	105.6	34.2	3524.4	43	0.00047
Paraguay	PRY	399762.00	5239306	13.1	65.8	12567.4	1	0
French Polynesia	PYF	2090.58	137972	66.0	No Data	No Data	0	0
Qatar	QAT	11118.70	655978	59.0	No Data	No Data	0	0
Glorioso Islands, Juan de Nova Island, Reunion	REU	2659.87	656681	246.9	No Data	No Data	0	0

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.km.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.km)
Romania	ROM	236801.00	22374524	94.5	31.4	1402.5	10	0.00004
Russia	RUS	16849714.28	146537920	8.7	3568.7	24353.4	400	0.00002
Rwanda	RWA	25246.60	8001503	316.9	3.9	484.7	0	0
Saudi Arabia	SAU	1958875.58	20357542	10.4	No Data	No Data	6	0
Sudan	SDN	2496000.00	33492672	13.4	132.4	3952.5	5	0
Senegal	SEN	196730.00	8771695	44.6	23.4	2669.9	0	0
Singapore	SNG	553.57	3322694	6002.3	No Data	No Data	0	0
South Georgia and the South Sandwich Islands	SGS	3701.77	0	0.0	No Data	No Data	0	0
St. Helena	SHN	130.93	3704	28.3	No Data	No Data	0	0
Svalbard and Jan Mayen	SJM	62375.67	1697	0.0	4.7	2791732.4	0	0
Solomon Islands	SLB	27096.62	295186	10.9	No Data	No Data	0	0
Sierra Leone	SLE	72789.17	4916672	67.5	120.2	24441.7	0	0
El Salvador	SLV	20646.50	5816424	281.7	No Data	No Data	2	0.00010
San Marino	SMR	59.75	22786	381.4	No Data	No Data	0	0
Singapore								
Somalia	SOM	639032.00	6853615	10.7	No Data	No Data	0	0
St. Pierre and Miquelon	SPM	222.34	4542	20.4	No Data	No Data	0	0
Sao Tome and Principe	STP	1147.16	146045	127.3	No Data	No Data	0	0

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.km.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.km)
Suriname	SUR	145634.00	426513	2.9	131.0	307055.1	3	0.00002
Slovakia	SVK	48774.40	5428999	111.3	13.9	2569.5	2	0.00004
Slovenia	SVN	20369.70	1980608	97.2	No Data	No Data	0	0
Sweden	SWE	443329.05	8548355	19.3	118.7	13880.8	1	0
Swaziland	SWZ	17141.10	964017	56.2	No Data	No Data	2	0.00012
Seychelles	SYC	379.31	64944	171.2	No Data	No Data	0	0
Syria	SYR	187984.00	16602527	88.3	6.3	382.0	11	0.00006
Turks and Caicos Islands	TCA	286.82	1970	6.9	No Data	No Data	0	0
Chad	TCD	1276260.00	7343361	5.8	46.5	6330.5	0	0
Togo	TGO	57357.00	4879306	85.1	9.4	1918.8	0	0
Thailand	THA	514051.61	59666440	116.1	217.6	3646.7	40	0.00008
Tajikistan	TJK	142325.00	6045902	42.5	27.0	4460.7	7	0.00005
Turkmenistan	TKM	471266.00	4296545	9.1	4.0	937.7	27	0.00006
Tonga	TON	457.74	86075	188.0	No Data	No Data	0	0
Trinidad and Tobago	TTO	5030.46	1002237	199.2	No Data	No Data	0	0
Tunisia	TUN	155406.01	8824201	56.8	5.1	572.5	4	0.00003
Turkey	TUR	779286.16	62472916	80.2	176.2	2821.1	51	0.00007
Tuvalu	TUV	29.13	3318	113.9	No Data	No Data	0	0
Taiwan	TWN	36259.92	21515752	593.4	49.8	2312.5	3	0.00008

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.k m.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.k m)
Tanzania, United Republic of	TZA	945442.51	30411468	32.2	123.1	4048.3	6	0.00001
Uganda	UGA	243156.00	22223644	91.4	23.6	1063.3	2	0.00001
Ukraine	UKR	595610.00	49892652	83.8	55.2	1106.5	132	0.00022
Howland, Johnston Atoll, Midway Islands, Wake Islands, Baker Island	UMI	37.59	234	6.2	No Data	No Data	0	0
Uruguay	URY	177958.00	3286231	18.5	63.6	19366.8	2	0.00001
United States	USA	9443329.40	265568144	28.1	2203.4	8296.9	1571	0.00017
Uzbekistan	UZB	445967.00	23784228	53.3	13.3	558.0	20	0.00004
St. Vincent and the Grenadines	VCT	343.52	94484	275.0	No Data	No Data	0	0
Venezuela	VEN	914729.87	22328188	24.4	770.3	34499.5	6	0.00001
British Virgin Islands	VGB	115.74	9445	81.6	No Data	No Data	0	0
Virgin Islands	VIR	218.95	43220	197.4	No Data	No Data	0	0
Vietnam	VNM	325300.61	74373360	228.6	241.3	3243.9	11	0.00003
Vanuatu	VUT	12307.27	154721	12.6	No Data	No Data	0	0
Wallis and Futuna	WLF	161.04	3239	20.1	No Data	No Data	0	0
Western Samoa	WSM	2948.49	182016	61.7	No Data	No Data	0	0

Table A3.2: Country Level GIS Data (cont.)

Country Name	CCODE	Area (sq.km.)	Population	Population Density (persons/sq.k m.)	Discharge (cu.km/yr)	Water Stress (cu.m./person)	# of dams	Dam Density (# of dams/sq.k m)
Yugoslavia (Serbia and Montenegro)	YUG	87959.80	10537752	119.8	15.1	1430.0	4	0.00005
Yemen	YEM	425172.95	16038857	37.7	No Data	No Data	2	0
South Africa	ZAF	1222991.15	42755892	35.0	39.8	930.5	71	0.00006
Congo, Democratic Republic of (Kinshasa)	ZAR	2336840.00	48960208	21.0	853.5	17432.6	14	0.00001
Zambia	ZMB	754730.00	9514623	12.6	254.7	26768.4	23	0.00003
Zimbabwe	ZWE	391043.00	11041112	28.2	39.7	3596.5	25	0.00006

Table A3.3: Basin-Country Polygon Level GIS Data

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density
AKPA_CMV	3024	48951	0	16.19	0
AKPA_NGA	1872	87274	0	46.62	0
ALSK_CAN	26520	536	0	0.02	0
ALSK_USA	1845	0	0	0.00	0
AMCR_GUY	739	527	0	0.71	0
AMCR_VEN	4899	9756	0	1.99	0
AMUR_CHN	889076	61613833	59	69.30	0.06636
AMUR_MNG	190582	262502	0	1.38	0
AMUR_PRK	112	4937	0	44.08	0
AMUR_RUS	1006094	4206287	1	4.18	0.00099
AMZN_BOL	706693	4683516	1	6.63	0.00142
AMZN_BRA	3670320	9414178	0	2.56	0
AMZN_COL	367828	875528	0	2.38	0
AMZN_ECU	123792	1754587	0	14.17	0
AMZN_GUF	27	4	0	0.15	0
AMZN_GUY	14455	5285	0	0.37	0
AMZN_PER	956548	7844894	1	8.20	0.00105
AMZN_SUR	1429	660	0	0.46	0
AMZN_VEN	40261	4992	0	0.12	0
ANAK_LBN	408	26762	0	65.59	0
ANAK_SYR	870	66881	1	76.87	1.14943
ARAL_AFG	104879	4583123	0	43.70	0
ARAL_CHN	1852	2590	0	1.40	0
ARAL_KAZ	424384	2552566	14	6.01	0.03299
ARAL_KGZ	111741	2446824	3	21.90	0.02685
ARAL_PAK	175	149	0	0.85	0
ARAL_TJK	135717	6038429	7	44.49	0.05158
ARAL_TKM	69992	943845	0	13.49	0
ARAL_UZB	382649	23563848	20	61.58	0.05227
ASIX_LBN	2176	105495	0	48.48	0
ASIX_SYR	16796	2946400	6	175.42	0.35723
ASIX_TUR	18928	1642546	2	86.78	0.10566
ATBN_DOM	2256	175540	0	77.81	0
ATBN_HTI	6567	916890	1	139.62	0.15228
ATCY_AZE	103	2027	0	19.68	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
ATCY_IRN	458	19814	0	43.26	0
ATRK_IRN	23561	1058471	0	44.92	0
ATRK_TKM	10654	101750	0	9.55	0
ATUI_ESH	11179	3459	0	0.31	0
ATUI_MRT	20536	5349	0	0.26	0
AVLS_ARG	228	537	0	2.36	0
AVLS_CHL	29	82	0	2.83	0
AWSH_DJI	10987	40945	0	3.73	0
AWSH_ETH	143702	11711707	2	81.50	0.01392
AYSN_ARG	534	177	0	0.33	0
AYSN_CHL	13062	14322	0	1.10	0
BAKR_ARG	9803	1798	0	0.18	0
BAKR_CHL	20987	18370	0	0.88	0
BANN_GBR	5392	634334	0	117.64	0
BANN_IRL	159	2176	0	13.69	0
BDSO_ESP	469	37752	0	80.49	0
BDSO_FRA	56	6012	0	107.36	0
BENT_CMR	18889	230907	0	12.22	0
BENT_GAB	10766	67480	0	6.27	0
BENT_GNQ	15390	216774	0	14.09	0
BIAX_CIV	4456	226003	2	50.72	0.44883
BIAX_GHA	6370	341622	0	53.63	0
BLUN_CHN	777	105560	0	135.86	0
BLUN_VNM	138	69861	0	506.24	0
BLZE_BLZ	6976	56627	0	8.12	0
BLZE_GTM	4487	40319	0	8.99	0
BNGU_BRN	29	135	0	4.66	0
BNGU_MYS	31	246	0	7.94	0
BRKA_ERI	41451	1668394	0	40.25	0
BRKA_SDN	24797	196780	0	7.94	0
BRMA_GUY	1066	1063	0	1.00	0
BRMA_VEN	999	1186	0	1.19	0
BRTA_LTU	666	21236	0	31.89	0
BRTA_LVA	1075	37289	0	34.69	0
BUZI_MOZ	24456	638013	1	26.09	0.04089
BUZI_ZWE	3225	262640	0	81.44	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
CAXX_LAO	10888	121005	0	11.11	0
CAXX_VNM	20140	3554197	3	176.47	0.14896
CDLR_GTM	1498	5741	0	3.83	0
CDLR_MEX	11255	65097	0	5.78	0
CGNL_CRI	267	1097	0	4.11	0
CGNL_PAN	2925	30305	0	10.36	0
CHIC_ARG	1003	6386	0	6.37	0
CHIC_CHL	677	1760	0	2.60	0
CHIR_ECU	5847	91535	0	15.66	0
CHIR_PER	9773	357509	1	36.58	0.10232
CHLT_HND	7228	1383347	0	191.39	0
CHLT_NIC	172	3105	0	18.05	0
CHRQ_CRI	240	13513	0	56.30	0
CHRQ_PAN	1495	28347	0	18.96	0
CHUY_BRA	113	9839	0	87.07	0
CHUY_URY	57	2563	0	44.96	0
CLDO_MEX	10386	314183	1	30.25	0.09628
CLDO_USA	644593	6734986	65	10.45	0.10084
CLKT_CAN	1637	0	0	0.00	0
CLKT_USA	2137	201	0	0.09	0
CLMB_CAN	101877	470791	8	4.62	0.07853
CLMB_USA	566513	5886749	102	10.39	0.18005
CLNG_AGO	3809	84663	0	22.23	0
CLNG_COG	313	10572	0	33.78	0
CLNG_ZAR	7522	657291	0	87.38	0
CNCS_BOL	20152	111719	0	5.54	0
CNCS_CHL	3357	14477	0	4.31	0
CNGO_AGO	290614	1511127	3	5.20	0.01032
CNGO_BDI	14388	2300990	0	159.92	0
CNGO_CAF	400807	2254066	0	5.62	0
CNGO_CMR	85210	515146	0	6.05	0
CNGO_COG	248143	1486338	0	5.99	0
CNGO_GAB	499	630	0	1.26	0
CNGO_MWI	138	2887	0	20.92	0
CNGO_SDN	1376	4839	0	3.52	0
CNGO_TZA	166338	3321071	0	19.97	0
CNGO_UGA	65	45082	0	693.57	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
CNGO_ZAR	2302836	46348256	14	20.13	0.00608
CNGO_ZMB	175992	1017318	0	5.78	0
COCO_HND	7484	56891	0	7.60	0
COCO_NIC	17905	554735	0	30.98	0
COMA_ARG	81	4	0	0.05	0
COMA_CHL	856	284	0	0.33	0
CRBL_GIN	17454	451348	0	25.86	0
CRBL_GNB	6485	68010	0	10.49	0
CROS_CMR	12480	542589	0	43.48	0
CROS_NGA	40276	7743864	0	192.27	0
CRTY_BRA	80	101	0	1.26	0
CRTY_GUY	21742	50272	0	2.31	0
CRTY_SUR	19943	747	0	0.04	0
CRUH_GEO	1989	13026	0	6.55	0
CRUH_TUR	20046	397370	0	19.82	0
CSTL_GBR	290	9557	0	32.96	0
CSTL_IRL	91	17688	0	194.37	0
CSTO_CIV	2238	226580	0	101.24	0
CSTO_GIN	16	278	0	17.38	0
CSTO_LBR	12758	384433	0	30.13	0
CTAT_GTM	273	25522	0	93.49	0
CTAT_MEX	1716	385237	0	224.50	0
CTTB_COL	19559	1047636	0	53.56	0
CTTB_VEN	11380	276883	0	24.33	0
CULL_ARG	101	795	0	7.87	0
CULL_CHL	493	5731	0	11.62	0
CVLY_CIV	16550	375488	0	22.69	0
CVLY_GIN	1290	57249	0	44.38	0
CVLY_LBR	12740	296213	0	23.25	0
DANU_ALB	217	1913	0	8.82	0
DANU_AUT	81575	7775631	0	95.32	0
DANU_BGR	40881	3495036	6	85.49	0.14677
DANU_BIH	38193	2623277	1	68.68	0.02618
DANU_CHE	2521	63917	0	25.35	0
DANU_CZE	20464	2729595	1	133.39	0.04887
DANU_DEU	59036	9521449	4	161.28	0.06776
DANU_HRV	35856	3209321	0	89.51	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
DANU_HUN	92786	10211670	0	110.06	0
DANU_ITA	1205	38612	0	32.04	0
DANU_MDA	13936	1065457	23	76.45	1.65040
DANU_POL	742	29129	0	39.26	0
DANU_ROM	228548	21708374	9	94.98	0.03938
DANU_SVK	45571	5033456	1	110.45	0.02194
DANU_SVN	17232	1783803	0	103.52	0
DANU_UKR	29601	2669789	1	90.19	0.03378
DAUR_DZA	16300	3147	0	0.19	0
DAUR_MAR	18179	399144	0	21.96	0
DNPR_BLR	124874	6609227	6	52.93	0.04805
DNPR_RUS	92065	3659786	9	39.75	0.09776
DNPR_UKR	299293	21023554	55	70.24	0.18377
DNSR_MDA	15201	2876694	10	189.24	0.65785
DNSR_POL	28	227	0	8.11	0
DNSR_UKR	46771	3581596	6	76.58	0.12828
DONX_RUS	371206	12888577	72	34.72	0.19396
DONX_UKR	54321	6729625	13	123.89	0.23932
DRAX_DZA	20555	7393	0	0.36	0
DRAX_MAR	75789	858877	3	11.33	0.03958
DRIN_ALB	8133	712481	2	87.60	0.24591
DRIN_MKD	2182	112055	0	51.35	0
DSHT_IRN	7198	24630	0	3.42	0
DSHT_PAK	26155	316366	0	12.10	0
DUGV_BLR	28276	1101899	0	38.97	0
DUGV_LTU	808	19142	0	23.69	0
DUGV_LVA	20196	631397	1	31.26	0.04951
DUGV_RUS	9462	62061	0	6.56	0
DURO_ESP	80700	2325832	24	28.82	0.29740
DURO_PRT	18156	2014776	5	110.97	0.27539
EBRO_AND	408	61009	0	149.53	0
EBRO_ESP	85239	2892608	50	33.94	0.58659
EBRO_FRA	140	7104	0	50.74	0
ELBE_AUT	712	35369	0	49.68	0
ELBE_CZE	47641	5746833	29	120.63	0.60872
ELBE_DEU	83134	17366322	7	208.90	0.08420
ELBE_POL	740	147431	0	199.23	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
ELNK_RUS	659	4498	0	6.83	0
ELNK_UKR	265	2010	0	7.58	0
ERNE_GBR	1948	74657	0	38.32	0
ERNE_IRL	2836	85663	0	30.21	0
ESQB_BRA	170	136	0	0.80	0
ESQB_GUY	162053	560202	0	3.46	0
ESQB_SUR	24264	45714	2	1.88	0.08243
ESQB_VEN	52385	114034	0	2.18	0
ETOS_AGO	53314	153129	0	2.87	0
ETOS_NAM	114103	625255	1	5.48	0.00876
FANE_GBR	7	127	0	18.14	0
FANE_IRL	191	6937	0	36.32	0
FLRY_GBR	45	917	0	20.38	0
FLRY_IRL	16	6038	0	377.38	0
FLYX_IDN	4264	22700	0	5.32	0
FLYX_PNG	60352	287515	0	4.76	0
FNNY_BGD	951	281863	0	296.39	0
FNNY_IND	1832	196045	0	107.01	0
FOYL_GBR	1963	112385	0	57.25	0
FOYL_IRL	954	29336	0	30.75	0
FRSR_CAN	239110	1217461	4	5.09	0.01673
FRSR_USA	623	5662	0	9.09	0
FRTH_CAN	3845	0	0	0.00	0
FRTH_USA	2201	0	0	0.00	0
GALG_ARG	6976	9155	0	1.31	0
GALG_CHL	4621	9350	0	2.02	0
GAMB_GIN	13233	445483	0	33.66	0
GAMB_SEN	50685	498356	0	9.83	0
GANG_BGD	107130	107417509	0	1002.68	0
GANG_BTN	39907	1895010	0	47.49	0
GANG_CHN	321318	1397083	0	4.35	0
GANG_IND	1016710	374139859	224	367.99	0.22032
GANG_NPL	147358	23881956	2	162.07	0.01357
GASH_ERI	21381	942645	0	44.09	0
GASH_ETH	9019	986989	0	109.43	0
GASH_SDN	9645	761682	0	78.97	0
GEBA_GIN	54	1821	0	33.72	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
GEBA_GNB	8653	273846	0	31.65	0
GEBA_SEN	4075	135847	0	33.34	0
GJLV_BLZ	21	90	0	4.29	0
GJLV_GTM	47824	2364275	1	49.44	0.02091
GJLV_MEX	78927	3847877	2	48.75	0.02534
GLAM_NOR	42574	649340	0	15.25	0
GLAM_SWE	427	1615	0	3.78	0
GLOK_MYS	799	33618	0	42.08	0
GLOK_THA	1043	219812	0	210.75	0
GOSR_HND	1486	54870	0	36.92	0
GOSR_SLV	1299	191074	0	147.09	0
GRON_AND	42	3267	0	77.79	0
GRON_ESP	597	5100	0	8.54	0
GRON_FRA	55129	3391777	8	61.52	0.14511
GSCR_GIN	9046	247561	0	27.37	0
GSCR_SLE	3022	210823	0	69.76	0
GUDN_ESP	54895	1387267	9	25.27	0.16395
GUDN_PRT	13030	287861	8	22.09	0.61397
GUIR_DZA	61181	203165	1	3.32	0.01634
GUIR_MAR	17732	123186	0	6.95	0
GUJA_EST	1107	11173	0	10.09	0
GUJA_LVA	10446	422815	0	40.48	0
HANX_PRK	10109	783181	5	77.47	0.49461
HARI_AFG	41031	1292521	0	31.50	0
HARI_IRN	35439	3409900	0	96.22	0
HARI_TKM	16123	168337	2	10.44	0.12405
HLMD_AFG	288210	5798645	4	20.12	0.01388
HLMD_IRN	54877	1050192	0	19.14	0
HLMD_PAK	10426	142424	0	13.66	0
HOND_BLZ	1511	20096	0	13.30	0
HOND_GTM	4158	13717	0	3.30	0
HOND_MEX	8921	148597	0	16.66	0
HRUN_CHN	278	253	0	0.91	0
HRUN_MNG	179334	239343	0	1.33	0
HRUN_RUS	5640	2164	0	0.38	0
HSIX_CHN	407851	78223931	63	191.80	0.15447
HSIX_VNM	9827	1143029	0	116.32	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
ICMT MOZ	14578	495636	0	34.00	0
ICMT SWZ	2960	107330	1	36.26	0.33784
ICMT ZAF	29191	854831	2	29.28	0.06851
INDU AFG	72131	8335753	0	115.56	0
INDU CHN	85776	26023	0	0.30	0
INDU IND	383201	73044369	10	190.62	0.02610
INDU NPL	14	1	0	0.07	0
INDU PAK	597678	118672616	19	198.56	0.03179
IRWD CHN	18517	1981174	0	106.99	0
IRWD IND	15300	456960	0	29.87	0
IRWD MMR	368615	32582510	1	88.39	0.00271
ISNZ ITA	1211	323977	0	267.53	0
ISNZ SVN	1797	48457	0	26.97	0
JCBS NOR	301	502	0	1.67	0
JCBS RUS	141	381	0	2.70	0
JORD ISR	9190	199221	0	21.68	0
JORD JOR	19387	4195597	1	216.41	0.05158
JORD LBN	723	39249	0	54.29	0
JORD SYR	4545	720012	1	158.42	0.22002
JUBA ETH	367406	8093574	0	22.03	0
JUBA KEN	215271	1641449	0	7.63	0
JUBA SOM	220866	2696310	0	12.21	0
JURD COL	546	4172	0	7.64	0
JURD PAN	119	408	0	3.43	0
KALD BGD	2	254	0	127.00	0
KALD IND	7275	161749	0	22.23	0
KALD MMR	22859	771121	0	33.73	0
KEMI FIN	52679	96155	1	1.83	0.01898
KEMI NOR	8	0	0	0.00	0
KEMI RUS	3017	2787	0	0.92	0
KEMI SWE	4	0	0	0.00	0
KGNK MDA	3554	472645	6	132.99	1.68824
KGNK UKR	2593	52164	4	20.12	1.54261
KMOE BFA	16919	348451	0	20.60	0
KMOE CIV	58331	1423377	0	24.40	0
KMOE GHA	2224	173517	0	78.02	0
KMOE MLI	644	18833	0	29.24	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
KNFL_BGD	7353	1676951	1	228.06	0.13600
KNFL_IND	5146	255277	0	49.61	0
KNFL_MMR	11	332	0	30.18	0
KOWL_AFG	10523	171883	0	16.33	0
KOWL_IRN	25932	224928	0	8.67	0
KRKA_BIH	112	1754	0	15.66	0
KRKA_HRV	1123	103104	0	91.81	0
KRLV_NOR	7876	35360	0	4.49	0
KRLV_SWE	43084	1104065	0	25.63	0
KUNE_AGO	95340	1188257	3	12.46	0.03147
KUNE_NAM	14651	12253	0	0.84	0
KURA_ARM	34840	7719377	6	221.57	0.17222
KURA_AZE	56572	6594450	2	116.57	0.03535
KURA_GEO	34338	5636566	1	164.15	0.02912
KURA_IRN	39709	4191872	2	105.56	0.05037
KURA_RUS	64	176	0	2.75	0
KURA_TUR	27673	1733861	0	62.66	0
LAVA_POL	2045	102093	0	49.92	0
LAVA_RUS	6348	656102	0	103.36	0
LGPS_ETH	3224	22892	0	7.10	0
LGPS_KEN	20277	70625	0	3.48	0
LGPS_SDN	13197	80375	0	6.09	0
LGPS_UGA	2051	17918	0	8.74	0
LIMA_ESP	1162	34300	1	29.52	0.86059
LIMA_PRT	1120	84063	1	75.06	0.89286
LKCH_CAF	218577	903919	0	4.14	0
LKCH_CMR	46802	2112210	0	45.13	0
LKCH_DZA	90021	612	0	0.01	0
LKCH_LBY	4587	0	0	0.00	0
LKCH_NER	674209	1775827	0	2.63	0
LKCH_NGA	180198	19762942	4	109.67	0.02220
LKCH_SDN	82777	2029309	0	24.52	0
LKCH_TCD	1091516	6576793	0	6.03	0
LKFN_ARG	2716	3515	0	1.29	0
LKFN_CHL	473	248	0	0.52	0
LKNT_KEN	18298	424077	0	23.18	0
LKNT_TZA	37143	801503	0	21.58	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
LKPP_ALB	7966	875029	2	109.85	0.25107
LKPP_GRC	300	1349	0	4.50	0
LKPP_MKD	768	18450	0	24.02	0
LKTC_BOL	62960	1202931	1	19.11	0.01588
LKTC_CHL	827	4982	0	6.02	0
LKTC_PER	47994	912288	0	19.01	0
LKTK_ETH	113165	12328092	0	108.94	0
LKTK_KEN	89732	2399622	1	26.74	0.01114
LKTK_SDN	1522	8158	0	5.36	0
LKTK_UGA	2504	33741	0	13.47	0
LKUN_MNG	47579	89264	0	1.88	0
LKUN_RUS	15205	17390	0	1.14	0
LLUP_LTU	4767	159222	0	33.40	0
LLUP_LVA	9581	263525	0	27.50	0
LMPA_GTM	2804	415777	0	148.28	0
LMPA_HND	5774	377518	0	65.38	0
LMPA_SLV	9462	3168967	2	334.92	0.21137
LMPO_BWA	81492	881563	3	10.82	0.03681
LMPO_MOZ	87170	1107101	3	12.70	0.03442
LMPO_ZAF	183547	10419530	20	56.77	0.10896
LMPO_ZWE	62568	804353	13	12.86	0.20777
LMRM_BRA	23764	359981	0	15.15	0
LMRM_URY	31153	189068	0	6.07	0
LOFF_GIN	1297	31490	0	24.28	0
LOFF_LBR	10098	128031	0	12.68	0
LPTA_ARG	817873	9905745	4	12.11	0.00489
LPTA_BOL	245087	1465879	0	5.98	0
LPTA_BRA	1379308	39628028	41	28.73	0.02973
LPTA_PRY	400107	5288951	1	13.22	0.00250
LPTA_URY	111636	728353	2	6.52	0.01792
LSCR_GIN	5827	107575	0	18.46	0
LSCR_SLE	13045	622013	0	47.68	0
MANA_LBR	5672	159868	0	28.19	0
MANA_SLE	1175	54091	0	46.03	0
MASS_DOM	287	31257	0	108.91	0
MASS_HTI	495	164213	0	331.74	0
MAXX_LAO	13174	232561	0	17.65	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
MAXX_VNM	17095	2194230	0	128.36	0
MBEX_GAB	6490	16122	0	2.48	0
MBEX_GNQ	490	5691	0	11.61	0
MEKO_CHN	171660	5996705	0	34.93	0
MEKO_KHM	158368	9042172	0	57.10	0
MEKO_LAO	198031	4873451	2	24.61	0.01010
MEKO_THA	193944	22898775	24	118.07	0.12375
MEKO_VNM	38150	9037969	1	236.91	0.02621
MINO_ESP	14513	1014551	12	69.91	0.82684
MINO_PRT	558	29068	0	52.09	0
MIRA_COL	6153	149854	0	24.35	0
MIRA_ECU	5803	174253	0	30.03	0
MISS_CAN	49768	24656	21	0.50	0.42196
MISS_USA	3176517	69822488	736	21.98	0.23170
MIUS_RUS	1946	107640	0	55.31	0
MIUS_UKR	838	5487	0	6.55	0
MOAX_GIN	8825	338785	0	38.39	0
MOAX_LBR	2928	41777	0	14.27	0
MOAX_SLE	10757	905311	0	84.16	0
MONO_BEN	1126	196508	0	174.52	0
MONO_TGO	22304	1254813	0	56.26	0
MOTQ_GTM	14616	3521364	0	240.93	0
MOTQ_HND	1466	44521	0	30.37	0
MPUT_MOZ	1527	29294	0	19.18	0
MPUT_SWZ	10641	737565	0	69.31	0
MPUT_ZAF	18488	337835	3	18.27	0.16227
MRGB_AFG	36427	855447	0	23.48	0
MRGB_TKM	24499	379854	3	15.50	0.12245
MRNI_BRA	175	141	0	0.81	0
MRNI_GUF	27235	7885	0	0.29	0
MRNI_SUR	37466	2742	0	0.07	0
MRSA_BGR	33008	2510292	29	76.05	0.87857
MRSA_GRC	3746	100941	0	26.95	0
MRSA_TUR	12754	748534	1	58.69	0.07841
MTJE_COL	191	3868	0	20.25	0
MTJE_ECU	543	8379	0	15.43	0
NAAT_FIN	418	46	0	0.11	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
NAAT_NOR	575	723	0	1.26	0
NEGR_HND	904	28254	0	31.25	0
NEGR_NIC	4836	130891	0	27.07	0
NELS_CAN	951999	4486328	130	4.71	0.13655
NELS_USA	157405	678314	12	4.31	0.07624
NGER_BEN	45271	659860	0	14.58	0
NGER_BFA	82945	2077052	1	25.04	0.01206
NGER_CIV	22877	404689	0	17.69	0
NGER_CMR	88073	3015002	0	34.23	0
NGER_DZA	161286	1099	0	0.01	0
NGER_GIN	95875	1450434	0	15.13	0
NGER_MLI	540659	7286685	0	13.48	0
NGER_NER	497944	7823561	0	15.71	0
NGER_NGA	561870	48062953	6	85.54	0.01068
NGER_SLE	52	477	0	9.17	0
NGER_TCD	16392	716219	0	43.69	0
NHRK_SYR	1315	607696	0	462.13	0
NHRK_TUR	213	5160	0	24.23	0
NILE_BDI	12923	3342991	0	258.69	0
NILE_CAF	1151	1018	0	0.88	0
NILE_EGY	277000	41430404	2	149.57	0.00722
NILE_ERI	3542	56479	0	15.95	0
NILE_ETH	356004	22807284	1	64.06	0.00281
NILE_KEN	50873	11617062	2	228.35	0.03931
NILE_RWA	20733	6599214	0	318.30	0
NILE_SDN	1929341	29097898	5	15.08	0.00259
NILE_TZA	120152	6106219	0	50.82	0
NILE_UGA	238540	22120620	2	92.73	0.00838
NILE_ZAR	21431	1824470	0	85.13	0
NMAN_BLR	41656	2076530	3	49.85	0.07202
NMAN_LTU	39710	2174062	1	54.75	0.02518
NMAN_LVA	322	7965	0	24.74	0
NMAN_POL	3799	174499	0	45.93	0
NMAN_RUS	4788	187090	0	39.07	0
NRTV_BIH	5281	260356	0	49.30	0
NRTV_HRV	191	18177	0	95.17	0
NRVA_BLR	831	5573	0	6.71	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
NRVA_EST	18055	456766	0	25.30	0
NRVA_LVA	5896	168109	0	28.51	0
NRVA_RUS	28173	496123	0	17.61	0
NSTO_BGR	5465	142601	0	26.09	0
NSTO_GRC	4724	129725	0	27.46	0
NYGA_COG	795	1496	0	1.88	0
NYGA_GAB	11545	34999	0	3.03	0
OBXX_CHN	13902	112376	0	8.08	0
OBXX_KAZ	743790	6932384	30	9.32	0.04033
OBXX_MNG	154	576	0	3.74	0
OBXX_RUS	2192656	24295300	60	11.08	0.02736
ODBN_DZA	176	26654	0	151.44	0
ODBN_MAR	328	20586	0	62.76	0
ODER_CZE	10260	1808049	1	176.22	0.09747
ODER_DEU	7750	737548	1	95.17	0.12903
ODER_POL	103076	14182517	9	137.59	0.08731
ODER_SVK	1339	57077	1	42.63	0.74683
OGOO_GAB	189495	505118	0	2.67	0
OKVG_AGO	150082	456420	0	3.04	0
OKVG_NAM	176224	385417	0	2.19	0
OKVG_ZWE	22568	185600	1	8.22	0.04431
OLNG_FIN	2000	16999	0	8.50	0
OLNG_RUS	16830	54497	0	3.24	0
ORAL_KAZ	175505	768130	15	4.38	0.08547
ORAL_RUS	135496	2649114	12	19.55	0.08856
ORAN_BWA	121448	179479	0	1.48	0
ORAN_LSO	19901	1546443	0	77.71	0
ORAN_NAM	240178	156402	2	0.65	0.00833
ORAN_ZAF	563947	12036643	30	21.34	0.05320
ORIN_BRA	788	685	0	0.87	0
ORIN_COL	321672	1388481	1	4.32	0.00311
ORIN_VEN	604506	8700134	1	14.39	0.00165
OUEM_BEN	49388	3780168	0	76.54	0
OUEM_NGA	9695	849653	0	87.64	0
OUEM_TGO	434	11661	0	26.87	0
OULU_FIN	26731	197034	0	7.37	0
OULU_RUS	1944	8978	0	4.62	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
OYPK_BRA	9532	15181	0	1.59	0
OYPK_GUF	13700	19694	0	1.44	0
PAZX_GTM	1399	116016	0	82.93	0
PAZX_SLV	771	369320	0	479.01	0
PDNL_DOM	117	223	0	1.91	0
PDNL_HTI	241	52207	0	216.63	0
PKCN_MMR	1921	74562	0	38.81	0
PKCN_THA	1848	53915	0	29.17	0
PLNA_ARG	6019	2588	0	0.43	0
PLNA_CHL	7317	5606	0	0.77	0
PNDR_BRN	225	4344	0	19.31	0
PNDR_MYS	145	3184	0	21.96	0
POXX_AUT	88	355	0	4.03	0
POXX_CHE	4283	326158	1	76.15	0.23348
POXX_FRA	474	1747	0	3.69	0
POXX_ITA	82231	16995252	1	206.68	0.01216
PRLN_POL	143	9810	0	68.60	0
PRLN_RUS	476	14673	0	30.83	0
PRNU_EST	5833	162426	0	27.85	0
PRNU_LVA	9	93	0	10.33	0
PSCU_ARG	6363	138	0	0.02	0
PSCU_CHL	7329	3339	0	0.46	0
PSVK_FIN	12405	11295	0	0.91	0
PSVK_NOR	1023	1761	1	1.72	0.97752
PSVK_RUS	2587	30971	0	11.97	0
PTIA_COL	20781	863746	0	41.56	0
PTIA_ECU	507	135582	0	267.42	0
PUEL_ARG	5549	2482	0	0.45	0
PUEL_CHL	2855	2579	0	0.90	0
PULT_CHN	77784	410146	0	5.27	0
PULT_KAZ	33	0	0	0.00	0
PULT_MNG	11104	8476	0	0.76	0
PULT_RUS	83	0	0	0.00	0
RDKH_IRN	17988	77796	0	4.32	0
RDKH_PAK	30	85	0	2.83	0
REDX_CHN	84450	10521832	8	124.59	0.09473
REDX_LAO	1165	16101	0	13.82	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
REDX_VNM	71486	16616206	2	232.44	0.02798
REZV_BGR	170	1919	0	11.29	0
REZV_TUR	501	5833	0	11.64	0
RGSA_ARG	3987	13858	0	3.48	0
RGSA_CHL	4028	8741	0	2.17	0
RGSA_MEX	314270	8066645	33	25.67	0.10501
RGSA_USA	341837	3399167	36	9.94	0.10531
RHIN_AUT	1312	321005	0	244.67	0
RHIN_BEL	13883	2798345	0	201.57	0
RHIN_CHE	24296	5511664	1	226.85	0.04116
RHIN_DEU	97696	36059193	13	369.10	0.13307
RHIN_FRA	23070	3668942	1	159.04	0.04335
RHIN_ITA	66	236	0	3.58	0
RHIN_LIE	163	31688	0	194.40	0
RHIN_LUX	2521	391983	1	155.49	0.39667
RHIN_NLD	9938	4811753	0	484.18	0
RHON_CHE	10075	1330031	1	132.01	0.09926
RHON_FRA	90081	8291213	5	92.04	0.05551
RHON_ITA	50	67	0	1.34	0
ROIA_FRA	436	10980	0	25.18	0
ROIA_ITA	197	20332	0	103.21	0
RVMA_MOZ	99010	531239	0	5.37	0
RVMA_TZA	52228	1190602	0	22.80	0
SABI_MOZ	30251	282634	0	9.34	0
SABI_ZWE	85444	2823042	5	33.04	0.05852
SAIG_KHM	248	716	0	2.89	0
SAIG_VNM	24804	5411105	2	218.15	0.08063
SALC_EST	119	1257	0	10.56	0
SALC_LVA	1638	47303	0	28.88	0
SALW_CHN	127873	2482481	0	19.41	0
SALW_THA	9106	150286	0	16.50	0
SAMR_AZE	421	887	0	2.11	0
SAMR_RUS	6349	33548	0	5.28	0
SASS_CIV	59750	2553539	0	42.74	0
SASS_GIN	8427	163152	0	19.36	0
SCRO_CAN	1352	25241	0	18.67	0
SCRO_USA	3287	7041	1	2.14	0.30423

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
SEIN_BEL	1834	118957	0	64.86	0
SEIN_FRA	83845	16169597	7	192.85	0.08349
SEIN_LUX	68	34963	0	514.16	0
SENG_GIN	30834	534890	0	17.35	0
SENG_MLI	150814	1689533	0	11.20	0
SENG_MRT	219097	1393435	0	6.36	0
SENG_SEN	35234	487264	0	13.83	0
SENO_ARG	669	89	0	0.13	0
SENO_CHL	5688	2206	0	0.39	0
SEPK_IDN	2337	9813	0	4.20	0
SEPK_PNG	71024	754581	0	10.62	0
SHLD_BEL	8431	4318892	1	512.26	0.11861
SHLD_FRA	8559	3184936	0	372.12	0
SHLD_NLD	80	4864	0	60.80	0
SIOL_CRI	2547	15065	3	5.91	1.17786
SIOL_PAN	287	2264	0	7.89	0
SJAF_GIN	2639	125013	0	47.37	0
SJAF_LBR	12924	346687	0	26.83	0
SJNA_CAN	30302	386495	1	12.75	0.03300
SJNA_USA	17286	75413	0	4.36	0
SJUA_CRI	11775	118062	5	10.03	0.42463
SJUA_NIC	30369	2460758	1	81.03	0.03293
SKAG_CAN	926	176	0	0.19	0
SKAG_USA	7095	57997	2	8.17	0.28189
SLAW_CAN	559003	16960424	37	30.34	0.06619
SLAW_USA	496134	28133630	48	56.71	0.09675
SMAR_ARG	82	223	0	2.72	0
SMAR_CHL	571	1584	0	2.77	0
SMBK_IDN	8061	52610	0	6.53	0
SMBK_MYS	7190	72383	0	10.07	0
SPAU_GIN	9395	346991	0	36.93	0
SPAU_LBR	11836	305214	1	25.79	0.08449
SRTA_MDA	633	38469	1	60.77	1.57978
SRTA_UKR	1122	22122	0	19.72	0
SRTU_BLZ	256	665	0	2.60	0
SRTU_GTM	1814	37084	0	20.44	0
STKN_CAN	50015	1950	0	0.04	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
STKN_USA	853	0	0	0.00	0
STUM_BGR	8638	570447	0	66.04	0
STUM_GRC	3878	189050	1	48.75	0.25786
STUM_MKD	1831	97627	0	53.32	0
SUCT_GTM	1069	417134	0	390.21	0
SUCT_MEX	485	224892	0	463.69	0
SUJF_CHN	11777	343508	0	29.17	0
SUJF_RUS	6492	321296	0	49.49	0
SULK_AZE	57	56	0	0.98	0
SULK_GEO	1091	1419	0	1.30	0
SULK_RUS	13926	226620	0	16.27	0
SVCD_KHM	7532	1590168	0	211.12	0
SVCD_VNM	7754	2797102	0	360.73	0
TAFN_DZA	7032	822323	0	116.94	0
TAFN_MAR	2420	612142	0	252.95	0
TAGU_ESP	51445	5988700	28	116.41	0.54427
TAGU_PRT	26088	3172248	11	121.60	0.42165
TAKU_CAN	16347	3	0	0.00	0
TAKU_USA	1656	9	0	0.01	0
TAMI_IDN	87652	326805	0	3.73	0
TAMI_PNG	2198	11264	0	5.12	0
TANA_FIN	6289	893	0	0.14	0
TANA_NOR	9334	5483	0	0.59	0
TANO_CIV	1745	82226	0	47.12	0
TANO_GHA	13696	961165	0	70.18	0
TERK_GEO	1787	5168	0	2.89	0
TERK_RUS	36954	2339178	0	63.30	0
TIGR_IRN	155406	8769098	5	56.43	0.03217
TIGR_IRQ	319405	21278854	14	66.62	0.04383
TIGR_JOR	2007	6805	0	3.39	0
TIGR_SAU	84	225	0	2.68	0
TIGR_SYR	116259	7071236	2	60.82	0.01720
TIGR_TUR	195694	10985320	12	56.14	0.06132
TIJU_MEX	3098	627096	0	202.42	0
TIJU_USA	1292	482399	2	373.37	1.54799
TJWA_IDN	4044	27855	0	6.89	0
TJWA_PNG	2524	4332	0	1.72	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
TORN_FIN	10447	26893	0	2.57	0
TORN_NOR	1502	293	0	0.20	0
TORN_SWE	25367	58425	0	2.30	0
TRIM_AFG	59	125	0	2.12	0
TRIM_CHN	1021802	7749108	37	7.58	0.03621
TRIM_KGZ	21080	44732	0	2.12	0
TRIM_PAK	2040	2781	0	1.36	0
TRIM_TJK	6633	7475	0	1.13	0
TULM_FIN	2044	405	0	0.20	0
TULM_RUS	23671	411888	1	17.40	0.04225
TUMB_ECU	3559	46401	0	13.04	0
TUMB_PER	1410	28484	0	20.20	0
TUMN_CHN	20309	1492093	0	73.47	0
TUMN_PRK	8325	570762	0	68.56	0
TUMN_RUS	484	1957	0	4.04	0
UBLZ_MOZ	7189	1442292	0	200.62	0
UBLZ_SWZ	3541	117359	1	33.14	0.28241
UBLZ_ZAF	29	164	0	5.66	0
UMBA_KEN	1343	26286	0	19.57	0
UMBA_TZA	6841	485992	0	71.04	0
UTBN_GAB	4490	10395	0	2.32	0
UTBN_GNQ	3093	28947	0	9.36	0
VDVA_ARG	104	14	0	0.13	0
VDVA_CHL	14730	1066286	1	72.39	0.06789
VENT_LTU	3307	339842	0	102.76	0
VENT_LVA	6206	230534	0	37.15	0
VJSE_ALB	4648	473627	1	101.90	0.21515
VJSE_GRC	2485	40510	0	16.30	0
VLKA_BGR	662	10540	0	15.92	0
VLKA_TUR	26	294	0	11.31	0
VOLG_BLR	1269	9329	0	7.35	0
VOLG_KAZ	2202	8198	0	3.72	0
VOLG_RUS	1551293	62301717	128	40.16	0.08251
VOLT_BEN	14965	439398	0	29.36	0
VOLT_BFA	173549	8796615	0	50.69	0
VOLT_CIV	13488	191628	0	14.21	0
VOLT_GHA	166006	7586852	3	45.70	0.01807

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
VOLT_MLI	18814	566849	0	30.13	0
VOLT_TGO	25841	1509437	0	58.41	0
VRDR_BGR	2	38	0	19.00	0
VRDR_GRC	3866	265879	0	68.77	0
VRDR_MKD	20341	1780782	0	87.55	0
VSTL_BLR	9768	606620	0	62.10	0
VSTL_CZE	15	42	0	2.80	0
VSTL_POL	169654	21020688	7	123.90	0.04126
VSTL_SVK	1866	316127	0	169.41	0
VSTL_UKR	12705	2071892	1	163.08	0.07871
VUKS_FIN	54263	631840	0	11.64	0
VUKS_RUS	8485	21675	0	2.55	0
WADI_ISR	182	5852	0	32.15	0
WADI_LBN	393	27488	0	69.94	0
WHIT_CAN	2044	0	0	0.00	0
WHIT_USA	509	0	0	0.00	0
WIED_DEN	971	61950	0	63.80	0
WIED_DEU	150	2651	0	17.67	0
YALU_CHN	26781	3634184	7	135.70	0.26138
YALU_PRK	23813	2741586	5	115.13	0.20997
YAQU_MEX	70083	594336	3	8.48	0.04281
YAQU_USA	4579	52813	0	11.53	0
YELC_ARG	6922	4632	0	0.67	0
YELC_CHL	4217	3154	0	0.75	0
YNSY_MNG	327879	1449603	0	4.42	0
YNSY_RUS	2229761	6592848	9	2.96	0.00404
YSER_BEL	428	53007	0	123.85	0
YSER_FRA	495	35520	0	71.76	0
YUKN_CAN	333320	9376	2	0.03	0.00600
YUKN_USA	496412	95263	2	0.19	0.00403
ZAMB_AGO	254584	332831	0	1.31	0
ZAMB_BWA	18922	22755	0	1.20	0
ZAMB_MOZ	163543	2355844	1	14.41	0.00611
ZAMB_MWI	110352	8609824	0	78.02	0
ZAMB_NAM	17192	106878	0	6.22	0
ZAMB_TZA	27244	1283605	0	47.12	0
ZAMB_ZAR	1105	11590	0	10.49	0

Table A3.3: Basin-Country Polygon Level GIS Data (cont.)

BCCODE	Area (sq. km.)	Population	Dams	Population Density (people/sq. km.)	Dam Density (# of dams/(sq. km./1000))
ZAMB_ZMB	576855	8481536	23	14.70	0.03987
ZAMB_ZWE	215476	6931133	6	32.17	0.02785
ZAPL_ARG	518	1780	0	3.44	0
ZAPL_BOL	547	1220	0	2.23	0
ZAPL_CHL	1571	5344	0	3.40	0
ZARM_ECU	3393	485440	0	143.07	0
ZARM_PER	884	82194	0	92.98	0