LBA Regional River Discharge Data (Coe and Olejniczak)

Description:
The data set consists of an LBA study area subset of the Center for Sustainability and the Global Environment (SAGE) Global River Discharge Data Set.

The SAGE Global River Discharge Database, formerly known as the Climate, People, and Environment Program (CPEP) global river discharge data set, is a compilation of monthly mean discharge data for over 2600 sites worldwide. The data sources are RivDis1.1, the United States Geological Survey, and Brazilian National Department of Water and Electrical Energy. The period of record is variable, from 3 years to greater than 100.

The purpose of this compilation is to provide detailed hydrographic information to the climate research community in as general a format as possible. The data are freely available from our web site. Data is provided in units of meters cubed per second (m**3/sec). The LBA subset of the SAGE Discharge Data Set can be downloaded either by individual stations or for the entire LBA study area.

Data from stations with less than 3 years of information or with basin area less than 5000 km2 were excluded from this compilation. Therefore the original sources may have more sites available. No further documentation is available on this data set. Users should refer to the data originators for documentation.

LBA subset of the SAGE Global River Discharge Data Set
Each point on the map below represents a station with reported data available for download. Click on the map to see what data are available for a specific country. Only countries for which there are data are clickable. Alternatively, scroll through the table below the map. The table is organized alphabetically by country. To download data for a particular station, please click on the id number.

The star indicates points that have incorrect coordinates. See below for more information.

Country	Id	River	Station	Lat	Lon
Argentina	224	Bermejo	Z.delTigre	-23.1	-64.21
Bolivia	220	Beni	AngostodelBala	-14.55	-67.55
	662	Desaguadero	Ulloma	-17.4	-68.45
	894	Grande	Abapo	-18.85	-63.46
	1924	Pilcomayo	VillaMontes	-18.85	-63.46
	2247	SantaIsabel	Locotal	-17.04	-66.02
	2544	Tamampaya	VillaBarrientos	-16.32	-67.25
Brazil	41	Amazonas	Obidos	-1.91	-55.55
	63	Araguaia	ConceicaodoAraguaia	-8.28	-49.25
	1022	Jequitinhonha	Jacintop	-16.13	-40.28
	1269	Madeira	PortoVelho	-8.76	-63.91
	1826	Paraguay	FechodosMorros	-21.42	-57.92
	1827	ParaibadoSul	Campos	-21.75	-41.33
	1829	Parana	Guaira	-24.06	-54.26
	1833	Parnaiba	PortoFormoso	-3.43	-42.4
	2271	SaoFrancisco	Juazeiro	-9.41	-40.5
	2272	SaoFrancisco	Traipu	-9.96	-36.98
	2617	Tocantins	Itupiranga	-5.13	-49.35
	2621	Tocantins	PortoNacional	-10.7	-48.43
	2824	Xingu	Altamira	-3.2	-52.21
Chile	1238	Loa	Quillagua	-21.83	-69.56
Colombia	140	Ateato	Tagachi	6.21	-76.71
	156	Atrato	Bellavista	6.56	-76.86
	386	Cauca	Pintadala	5.73	-75.6
	922	Guavio	Ubala	4.71	-73.53

	1359	Meta	PteLleras	4.11	-72.96
	2260	SanJuan	Penitas	4.3	-77.21
	384	Cauca	LaSalvajina	3.07	-76.57
	385	Cauca	LaVirginia	3.97	-74.82
	757	Fonce	SanGil	5.97	-72.82
	1272	Magdalena	PtoBerrio	6.5	-74.38
	1273	Magdalena	PuenteSantander	2	-75
	1839	Patia	PtePusmeo	1.7	-77.61
	1960	Prado	Boqueron	3	-74
	2402	Sogamoso	ElTablazo	6.82	-73.08
Ecuador	42	Ambi	D.j.Cariyacu	0.33	-78.16
	344*	Calera	A.j.Amarillo	3.66	-79.66
	434	Chimbo	Bucay	-1.16	-79.13
	501	Coca	SanRafael	-0.1	-77.57
	651	Daule	LaCapilla	-1.69	-79.99
	725	Esmeraldas	D.J.Sade	0.51	-79.4
	897	Granobles	A.j.Guachalo	0	-78.16
	1039*	Jubones	D.j.SanFrancisco	3.33	-79.5
	1388	Mira	D.J.Lita	0.83	-78.33
	1838	Pastaza	Banos	-1.38	-78.4
	1840	Paute	D.J.Palmira	-2.55	-78.55
	1986	Quevedo	Quevedo	-0.01	-79.33
	1988	Quljos	D.J.Oyacachi	-0.32	-77.78
	2613	Toachi	A.j.Pilaton	0.33	-78.83
	2713	Vinces	Vinces	-1.53	-79.75
	2876	Zapotal	Lechugal	-1.4	-79.4
Guyana	638	Cuyuni	KamariaFalls	6.42	-58.8
	726	Essequibo	PlantainIsland	5.85	-58.58
	1816	Oyapock	Maripa	3.81	-51.88

Paraguay	1825	Paraguay	Asuncion	-24.89	-57.27
Peru	442	Chira	PteSullana	-4.65	-80.49
	1993	Ramis	PteCarret	-15.02	-70.22
	2244	Santa	PteCarret	-9	-78
Surinam	614	Coppename	Maksita	4.9	-56.12
	618	Corantijn	Mataway	5.8	-57.65
	1594	Nickerie	Stondansie	5.1	-56.51
	1318	Marowijne	LangaTabbetje	5	-54.4
Venezuela	62	Apure	SanFernando	7.9	-67.43
	64	Arauca	PteInternacional	7	-70
	65	Aricuaisa	PiedeMonte	9	-72
	271	Bocono	PenaLarga	8.9	-70.05
	723	Escalante	LaFerreira	8	-71
	1320	Masparro	PteMasparro	8	-70
	1581	Neveri	LaCorcovada	10	-64
	1756	Orinoco	Cdad.Bolivar	8.15	-63.35
	1757	Orinoco	Musinacio	7.98	-63.82
	2681	Uribante	PteUribante	7	-72

* These files have incorrect coordinates. See below for more information.

DATA FORMAT

The LBA subset of the SAGE Discharge Data Set can be downloaded either by individual stations or for the entire LBA study area. The entire subset download consists of a single file, sage_discharge.tar.gz. This is a UNIX compressed tar file. Once the file is uncompressed there will be 73 files each for an individual station.

The naming convention used is that of the original SAGE data - #####.sum, where ##### is the SAGE Discharge Data Set id number. The data are provided in ASCII format. The files contain monthly mean data and, for those years in which data are recorded for each month, annual means as well. Data are provided in units of meters cubed per second (m3/sec). Data from stations with less than 3 years of information or with basin area less than 5000 km2 were excluded from the original SAGE compilation. Therefore, the original sources may have more sites available.

NOTE: Within the LBA subset of the SAGE discharge data set there are 2 data points with incorrect coordinates 01039.sum and 00344.sum. This error goes back to the original RivDis data set. For these two points it is most likely a case of the latitudes being incorrectly labeled as North when they should be South. These data have not been corrected for the LBA subset.

Below is an example file with the data for months July through December removed due to spacing (the actual data file does contain data for these months):

Country= Bolivia
Station= Angostodel Bala
River= Beni
Area= 69000 km2
Lat= -14.55
Lon= -67.55
PointID= 00962
Datasource= RivDIS
Starting_Year= 1976
Ending_Year= 1979
Total_Years= 4

Year	Jan	Feb	Mar	Apr	May	Jun	Avg_Annual
1976	6197.00	5914.00	5105.00	2060.00	1322.00	892.00	2268.83
1977	2562.00	5388.00	5124.00	2382.00	1398.00	729.00	2274.00
1978	5551.00	8614.00	4394.00	2455.00	1257.00	844.00	2487.08
1979	5226.00	4604.00	4889.00	3415.00	1463.00	805.00	2221.33
Avg_Mon	4884.00	6130.00	4878.00	2578.00	1360.00	817.50	2312.81
Std_Dev	1599.74	1741.28	339.81	583.79	89.64	68.90	118.57

Total_Usable_Years= 4
Area= km2
Discharge= m3/sec

There is limited documentation for the SAGE compilation of discharge data. What does exist can be found on-line at:
http://www.sage.wisc.edu/riverdata/. Users are referred to the data originator for documentation.