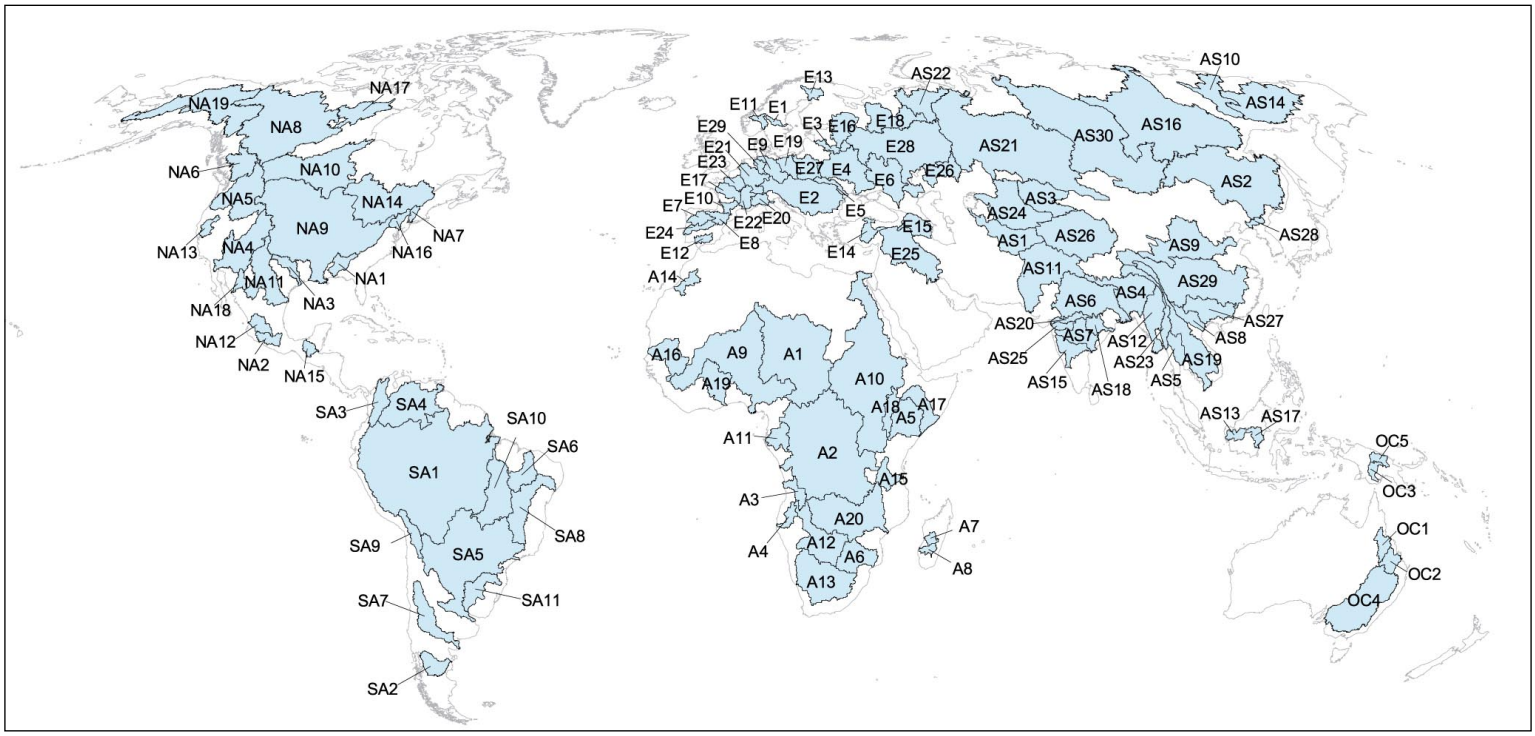
Water Resources eAtlas

Watersheds of the World : Global Maps

01. Primary Watersheds Map



Africa

A01 Lake Chad
A02 Congo
A03 Cuanza
A04 Cunene
A05 Jubba
A06 Limpopo
A07 Mangoky
A08 Mania
A09 Niger
A10 Nile
A11 Ogooue
A12 Okavango
A13 Orange
A14 Oued Draa
A15 Rufiji
A16 Senegal
A17 Shaballe
A18 Turkana
A19 Volta
A20 Zambezi

Europe

E01 Dalalven
E02 Danube
E03 Daugava
E04 Dnieper
E05 Dniester (Nistru)
E06 Don
E07 Duero
E08 Ebro
E09 Elbe
E10 Garonne
E11 Glomma-Laagen
E12 Guadalquivir
E13 Kemijoki
E14 Kizilirmak
E15 Kura-Araks
E16 Lake Ladoga
E17 Loire
E18 North Dvina
E19 Oder
E20 Po
E21 Rhine & Maas
E22 Rhone
E23 Seine
E24 Tagus
E25 Tigris & Euphrates
E26 Ural
E27 Vistula
E28 Volga
E29 Weser

Asia

AS01 Amu Darya
AS02 Amur
AS03 Lake Balkhash
AS04 Brahmaputra
AS05 Chao Phraya
AS06 Ganges
AS07 Godavari
AS08 Hong (Red River)
AS09 Huang He (Yellow River)
AS10 Indigirka
AS11 Indus
AS12 Irrawaddy
AS13 Kapuas
AS14 Kolyma
AS15 Krishna
AS16 Lena
AS17 Mahakam
AS18 Mahanadi
AS19 Mekong
AS20 Narmada
AS21 Ob
AS22 Pechora
AS23 Salween
AS24 Syr Darya
AS25 Tapti
AS26 Tarim
AS27 Xun Jiang
AS28 Yalu Jiang
AS29 Yangtze
AS30 Yenisey

North & Central America

NA01 Alabama & Tombigbee
NA02 Balsas
NA03 Brazos
NA04 Colorado
NA05 Columbia
NA06 Fraser
NA07 Hudson
NA08 Mackenzie
NA09 Mississippi
NA10 Nelson
NA11 Rio Grande
NA12 Rio Grande de Santiago
NA13 Sacramento
NA14 Saint Lawrence
NA15 San Pedro & Usumacinta
NA16 Susquehanna
NA17 Thelon
NA18 Yaqui
NA19 Yukon

South America

SA01 Amazon
SA02 Chubut
SA03 Magdalena
SA04 Orinoco
SA05 Parana
SA06 Parnaiba
SA07 Rio Colorado
SA08 Sao Francisco
SA09 Lake Titicaca & Salar de Uyuni
SA10 Tocantins
SA11 Uruguay

Oceania

OC01 Burdekin-Belyando
OC02 Dawson
OC03 Fly
OC04 Murray-Darling
OC05 Sepik

01. Primary Watersheds Map

Map Description

This map shows the location of 114 major watersheds of the world. It includes the world's largest transboundary watersheds and other small basins that are representative of a particular geographic area. Omitted regions, shown in white, are primarily smaller coastal drainage basins or regions with no permanent rivers. Basins are labeled and numbered by geographic region. The principal subbasins of these large watersheds are not highlighted in this map, however, profiles for each one of the subbasins are available in the CD-Rom.

Mapping Details

River basin boundaries presented in this map are based on two datasets: a revised version of the Major Watersheds of the World dataset distributed on the GlobalARC CD-ROM by the U.S. Army Corps of Engineers Construction Engineering Research Laboratories (CERL) and the EROS Data Center HYDRO1k basin boundaries developed at the U.S. Geological Survey. The CERL basins were digitally derived using ETOPO5, 5-minute gridded elevation data, and known locations of rivers. The HYDRO1k is a geographic database derived from the USGS' 30 arc-second digital elevation model of the world (GTOPO30). Because of the low resolution of the elevation data used to derive the CERL base data layer, boundaries are coarse and an effort was made to refine the basin boundaries as follows. WRI revised and checked basin boundaries by overlaying ArcWorld 1:3 million rivers. In cases where rivers (except canals) crossed basin boundaries, the boundary was edited using a 1-kilometer Digital Elevation Model as a guide and redrawing the boundaries along identifiable ridges. In some cases, polygons were split to separate subbasins. After editing the boundaries, all subbasins were identified and labeled for each primary basin, using several world atlases as references.

Map Projection

Robinson

Sources

C. Revenga, S. Murray, J. Abramovitz, and A. Hammond, 1998. *Watersheds of the World: Ecological Value and Vulnerability*. Washington, DC: World Resources Institute.

U. S. Geological Survey's Hydro 1k data available at: http://edcdaac.usgs.gov/gtopo30/hydro/