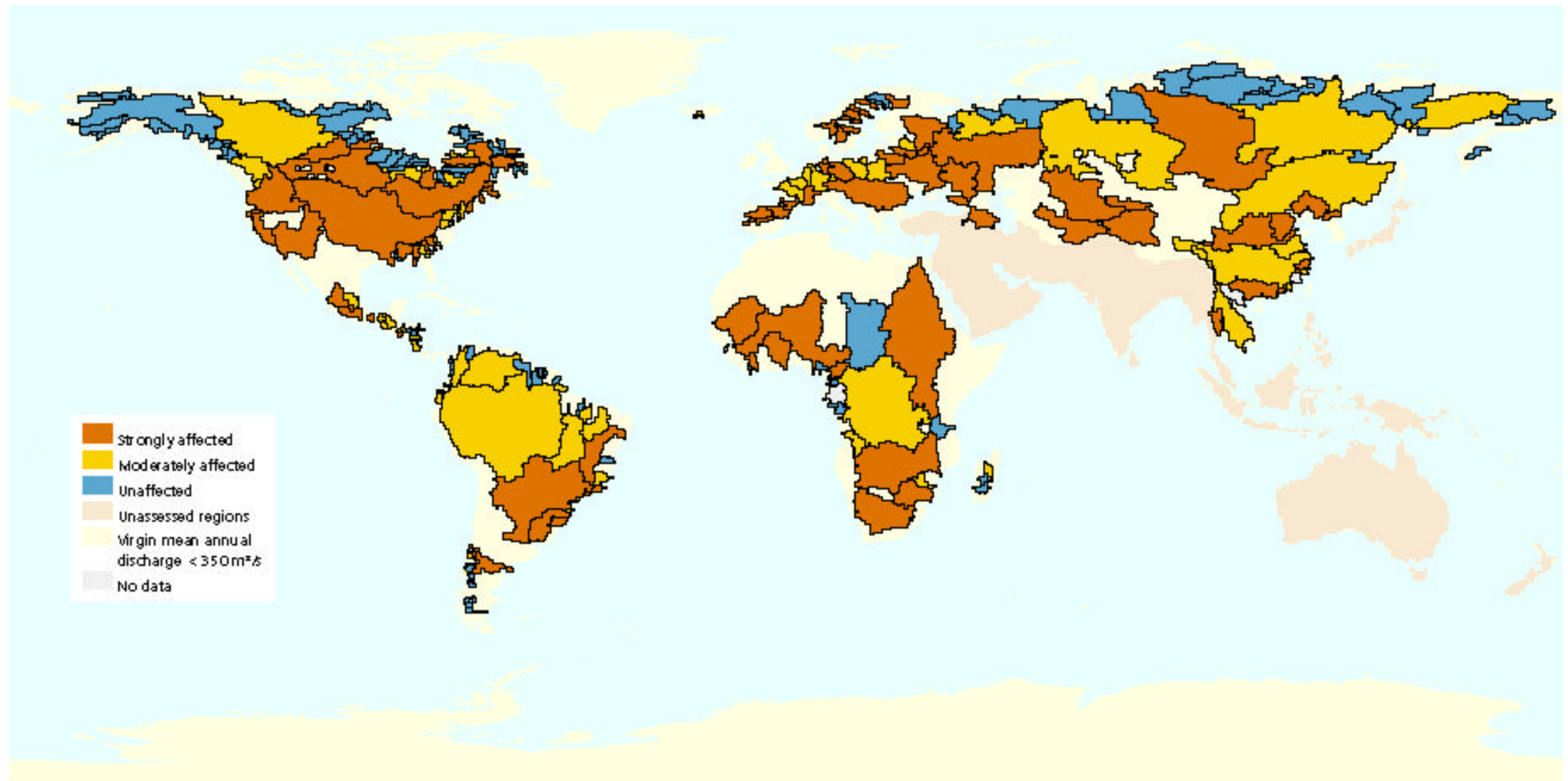


## Map 1

### River Channel Fragmentation and Flow Regulation

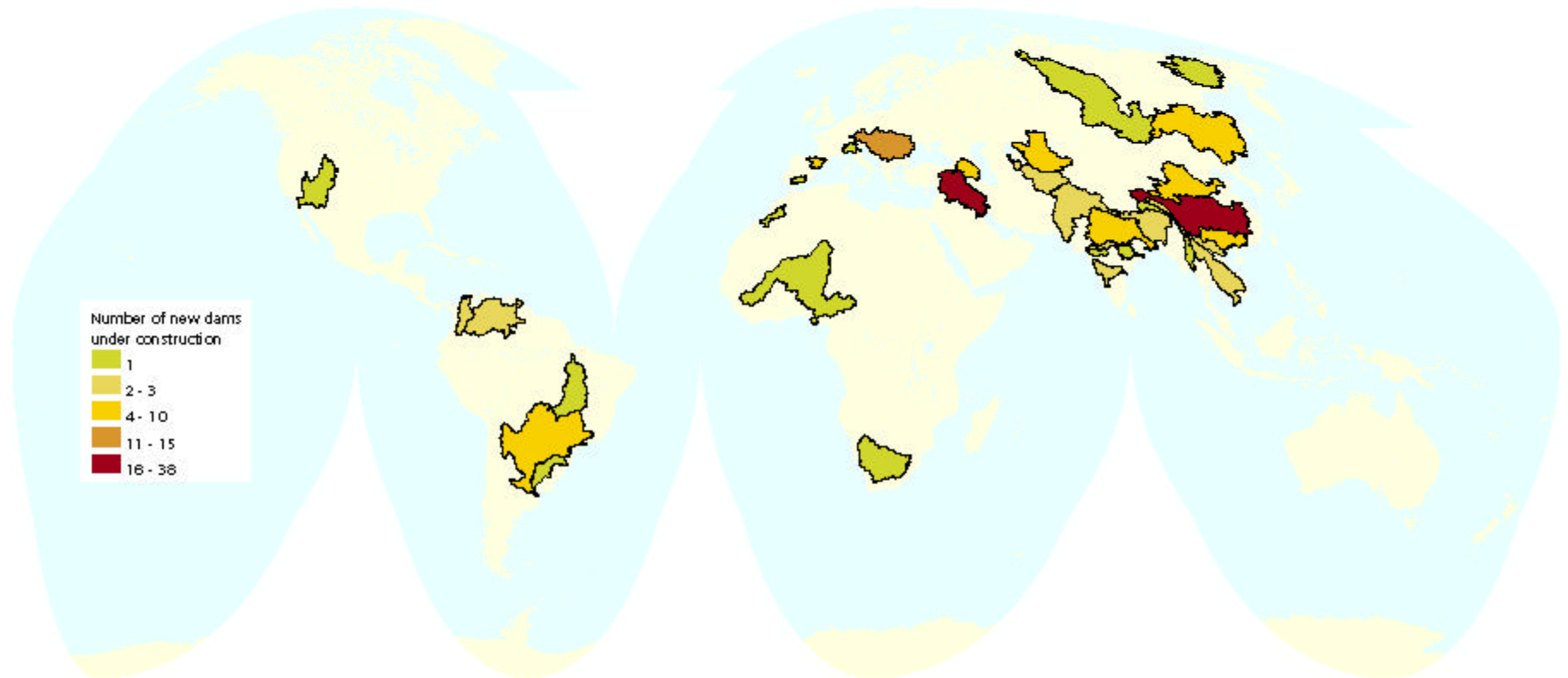


**Source:** Dynesius and Nilsson, 1994 and Nilsson et al., 2000. Watershed boundaries are from Fekete et al., 1999.

**Projection:** Geographic

## Map 2

### Large Dams under Construction by River Basin as of 1998



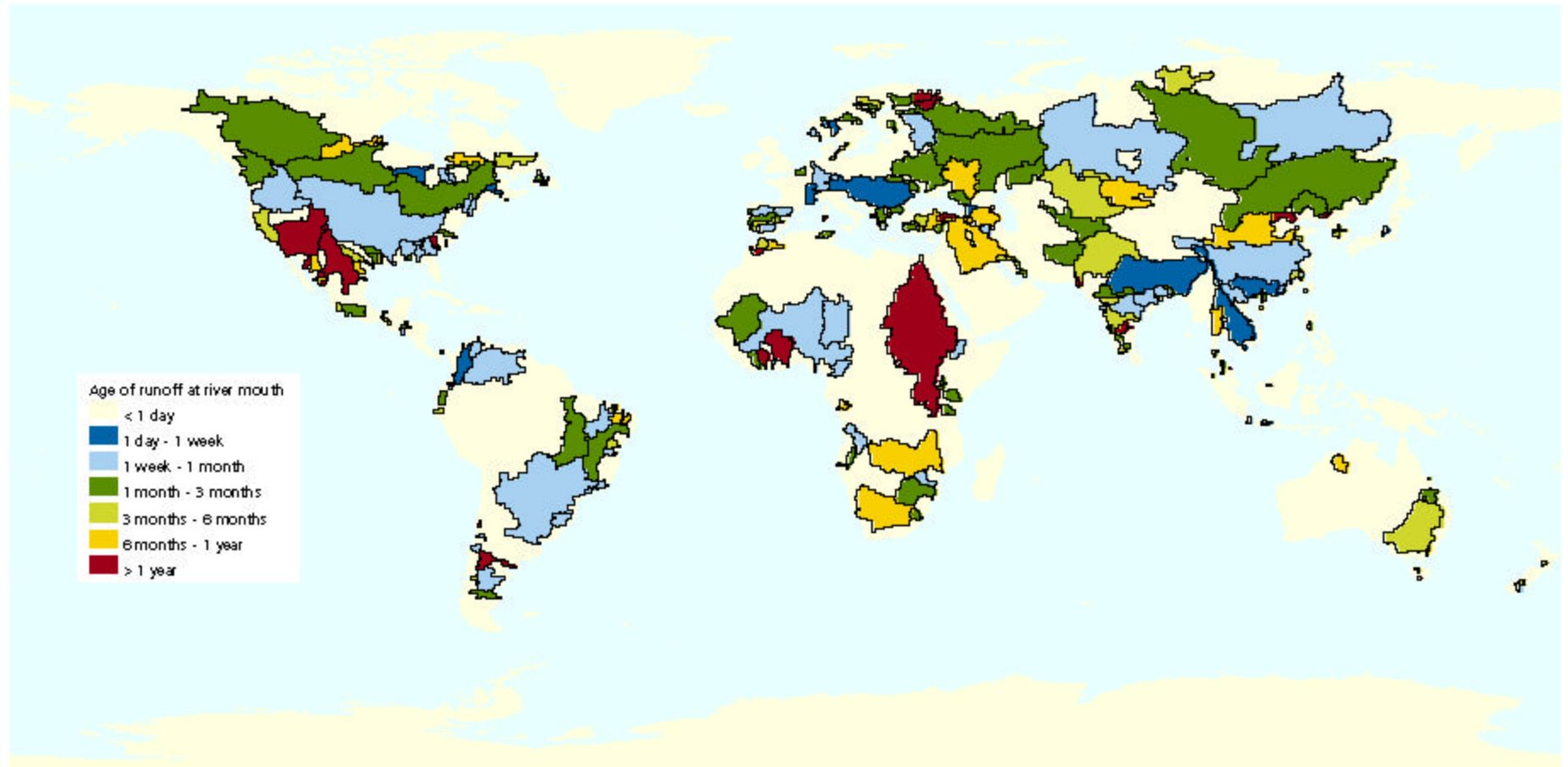
**Source:** UHD, 1998. Watershed boundaries are from Revenga et al., 1998.

**Projection:** Interrupted Goode's Homolosine

**Note:** Only major river basins are shown on this map.

## Map 3

### Residence Time of Continental Runoff by River Basin

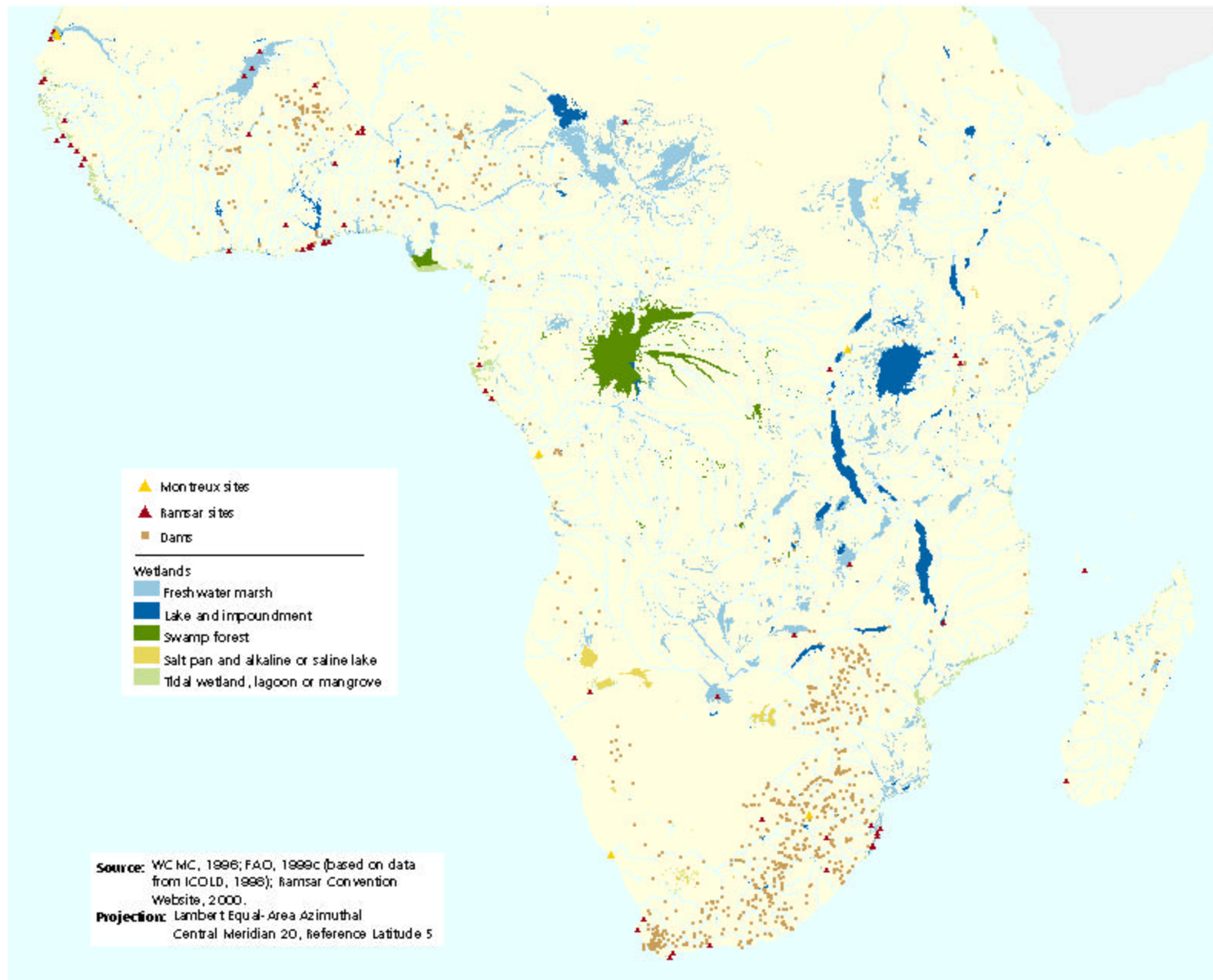


**Source:** Vörösmarty et al., 1997a. Watershed boundaries are from Fekete et al., 1999.

**Projection:** Geographic

## Map 4

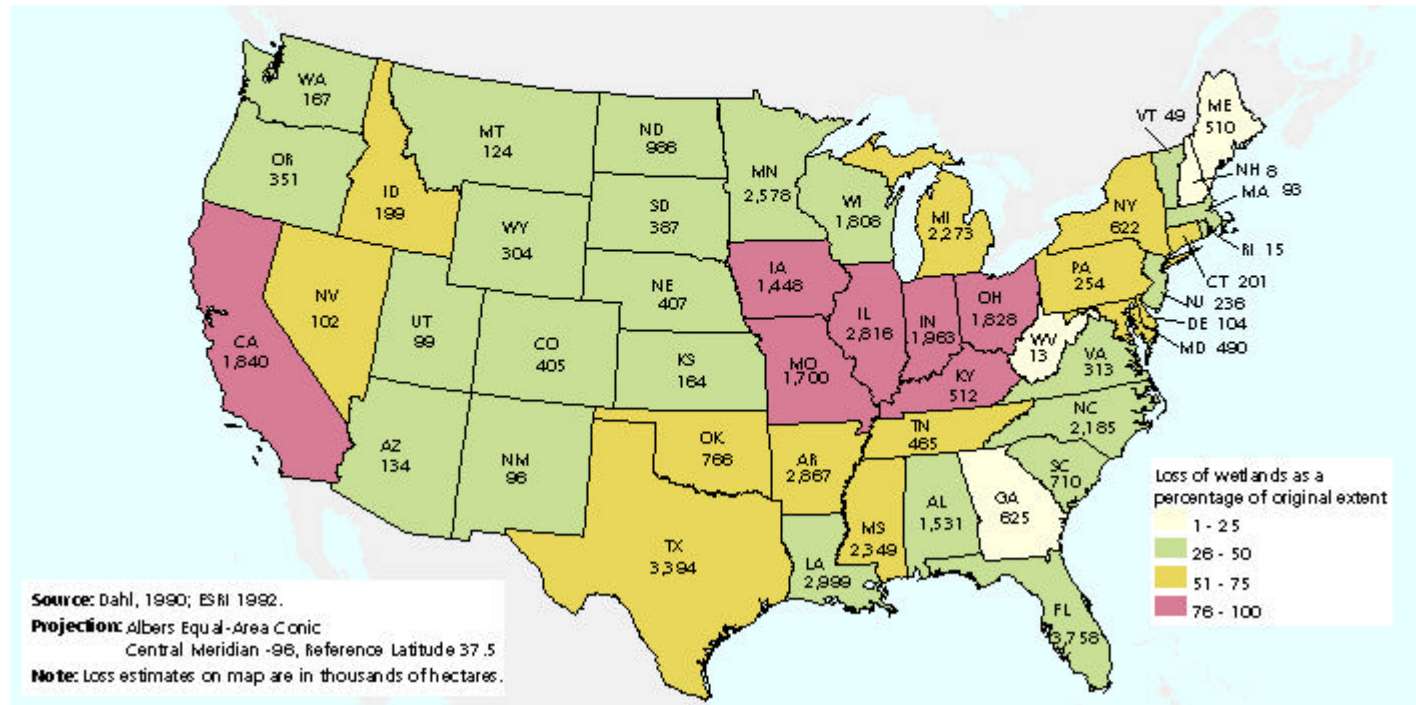
### Africa: Wetlands, Dams, and Ramsar Sites





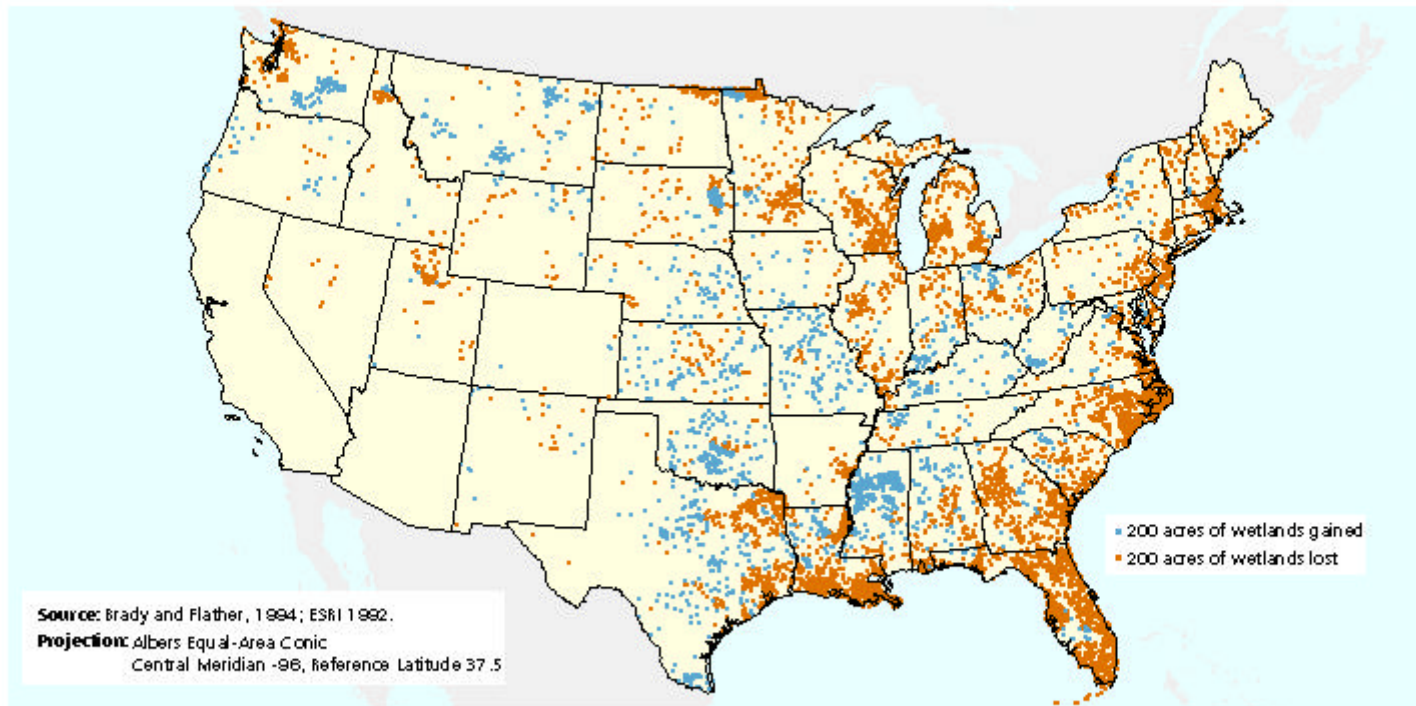
## Map 5a

### USA: Historical Wetland Loss by State, 1780s - 1980s



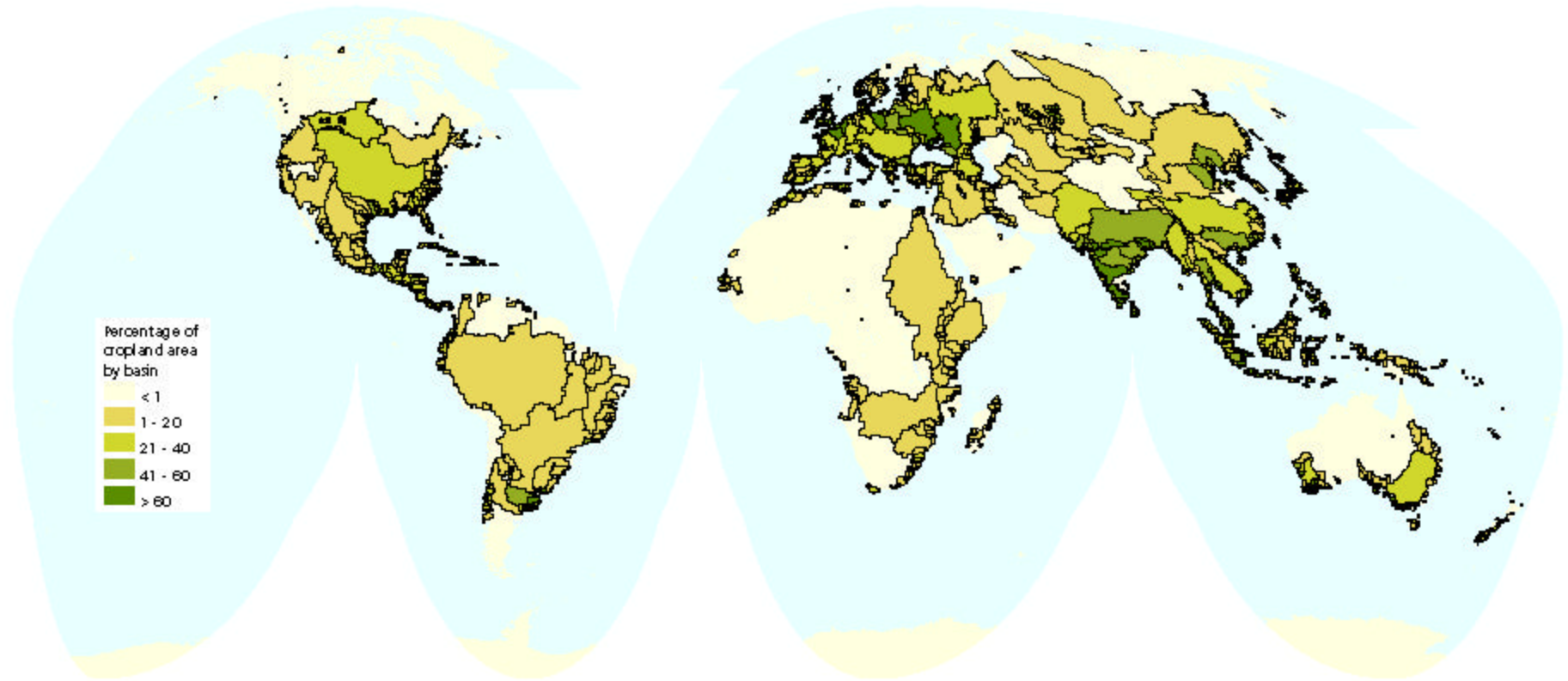
## Map 5b

### USA: Net Change in Wetland Area, 1982 - 92



## Map 6

### Percentage of Cropland Area by River Basin

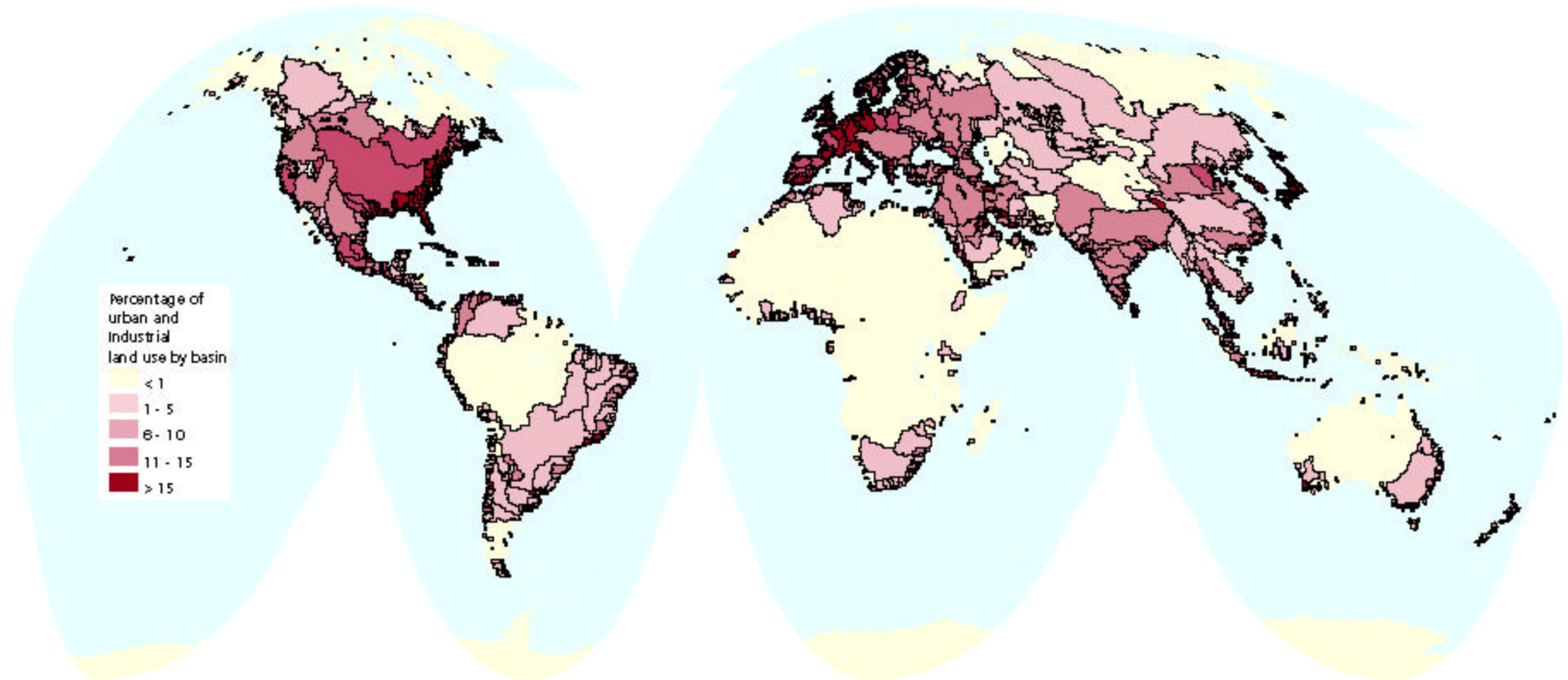


**Source:** GLCCD, 1998. Watershed boundaries are from Fekete et al., 1999.

**Projection:** Interrupted Goode's Homolosine

## Map 7

### Percentage of Urban and Industrial Land Use by River Basin



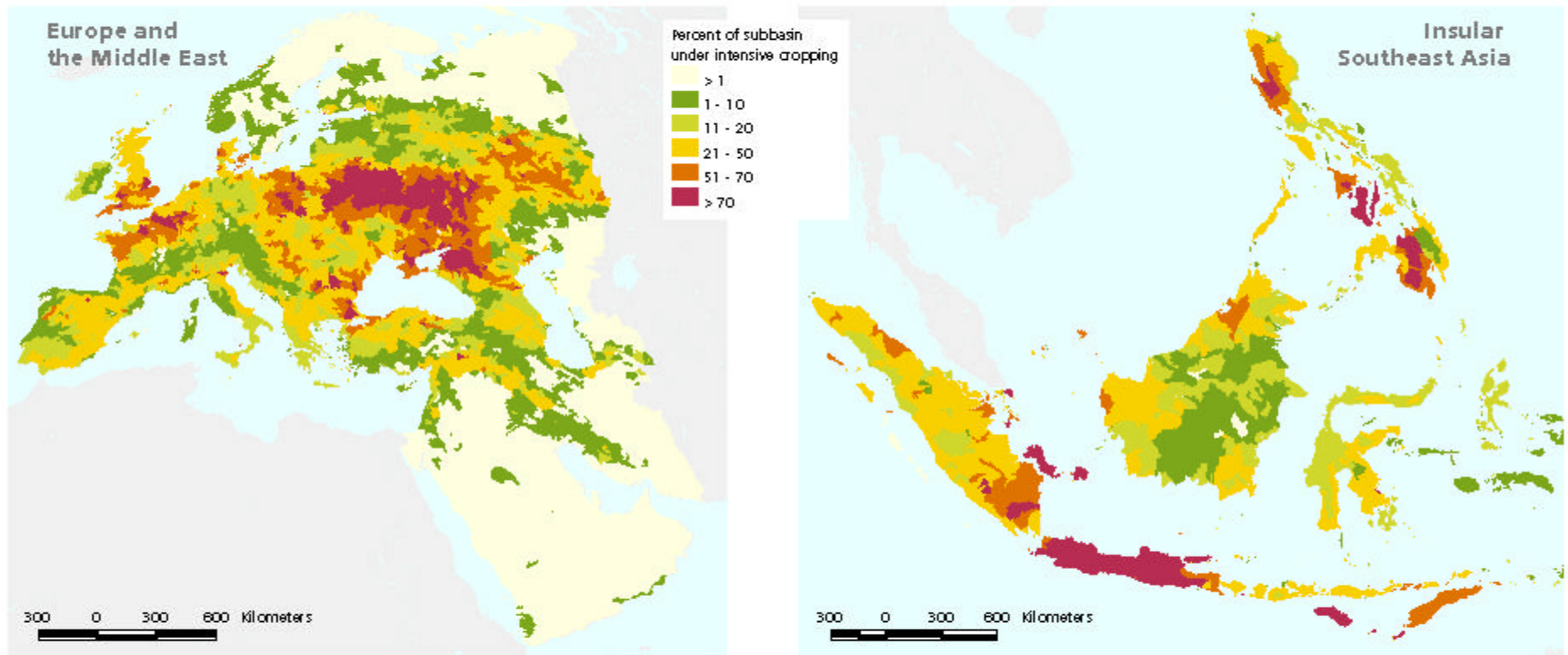
**Source:** NOAA/NOIC, 1998. Watershed boundaries are from Fekete et al., 1999.

**Projection:** Interrupted Goode's Homolosine



## Maps 8a and 8b

### Intensive Agricultural Land Use by Subbasin

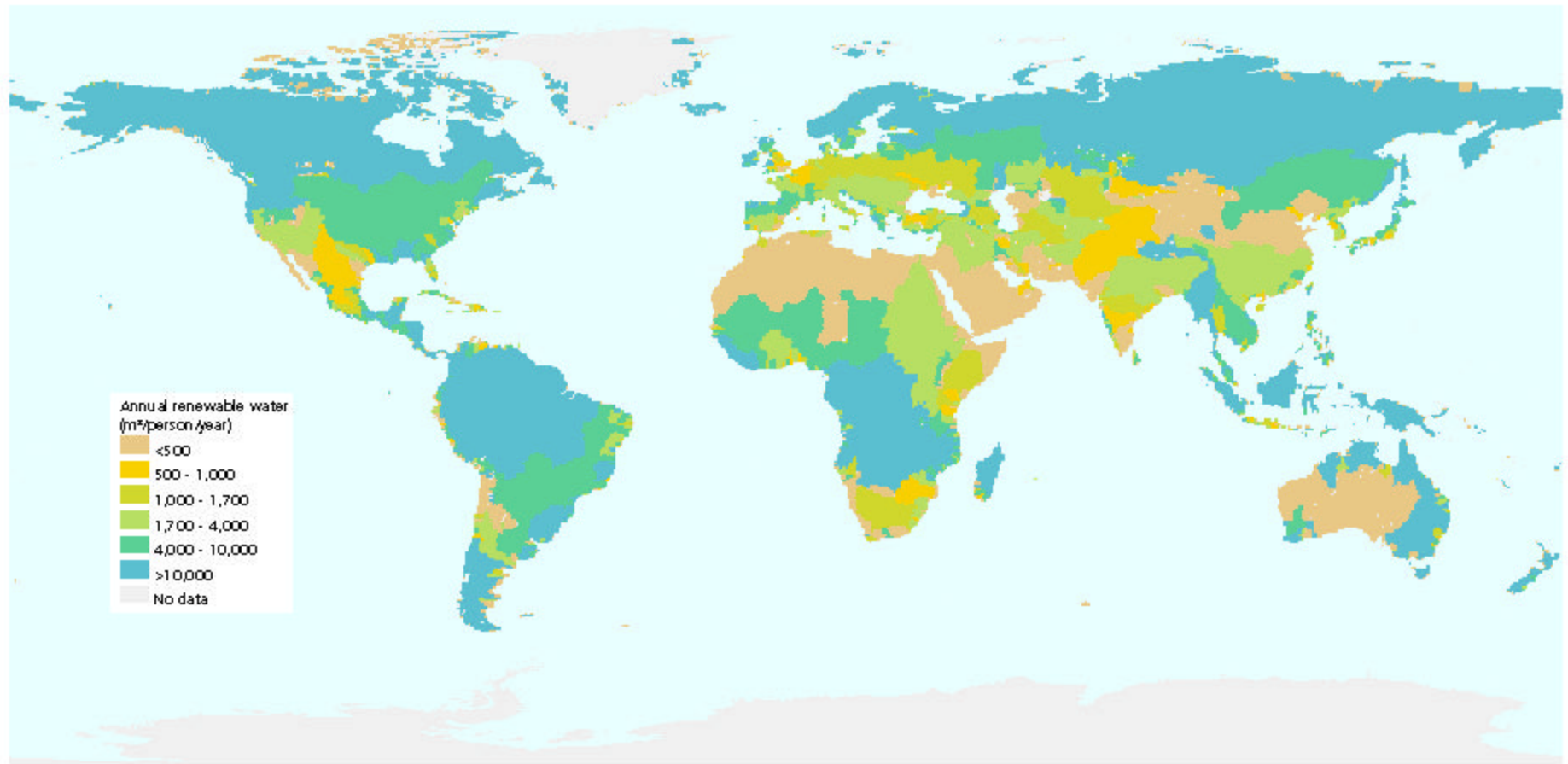


**Source:** GLCCD, 1996. Watershed boundaries are from EDC 1999.

**Projection:** Interrupted Goode's Homolosine

## Map 9

### Annual Renewable Water Supply Per Person by River Basin, 1995

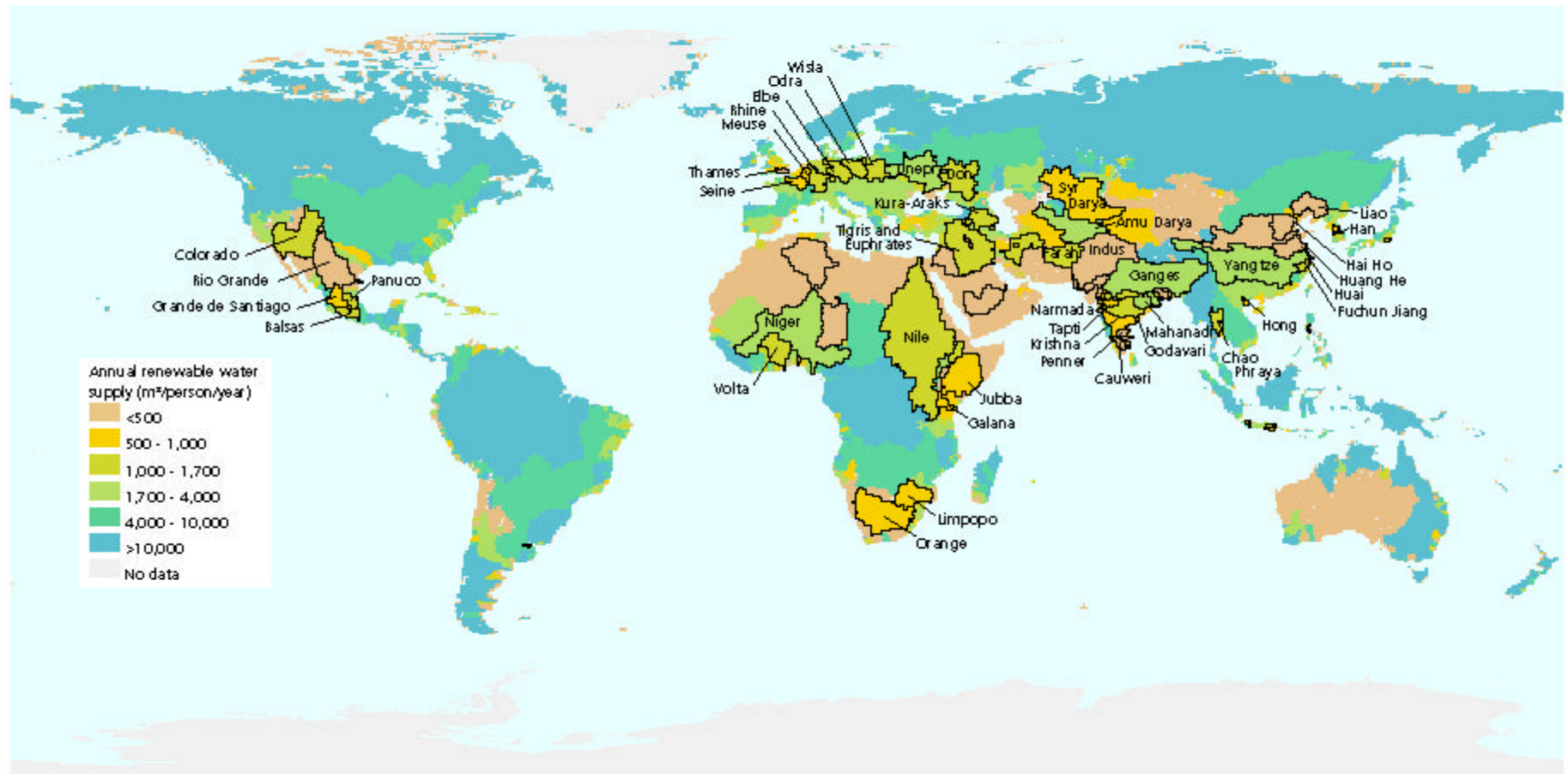


Source: CIESIN et al., 2000; Fekete et al., 1999.

Projection: Geographic

## Map 10

### Projected Annual Renewable Water Supply Per Person by River Basin, 2025



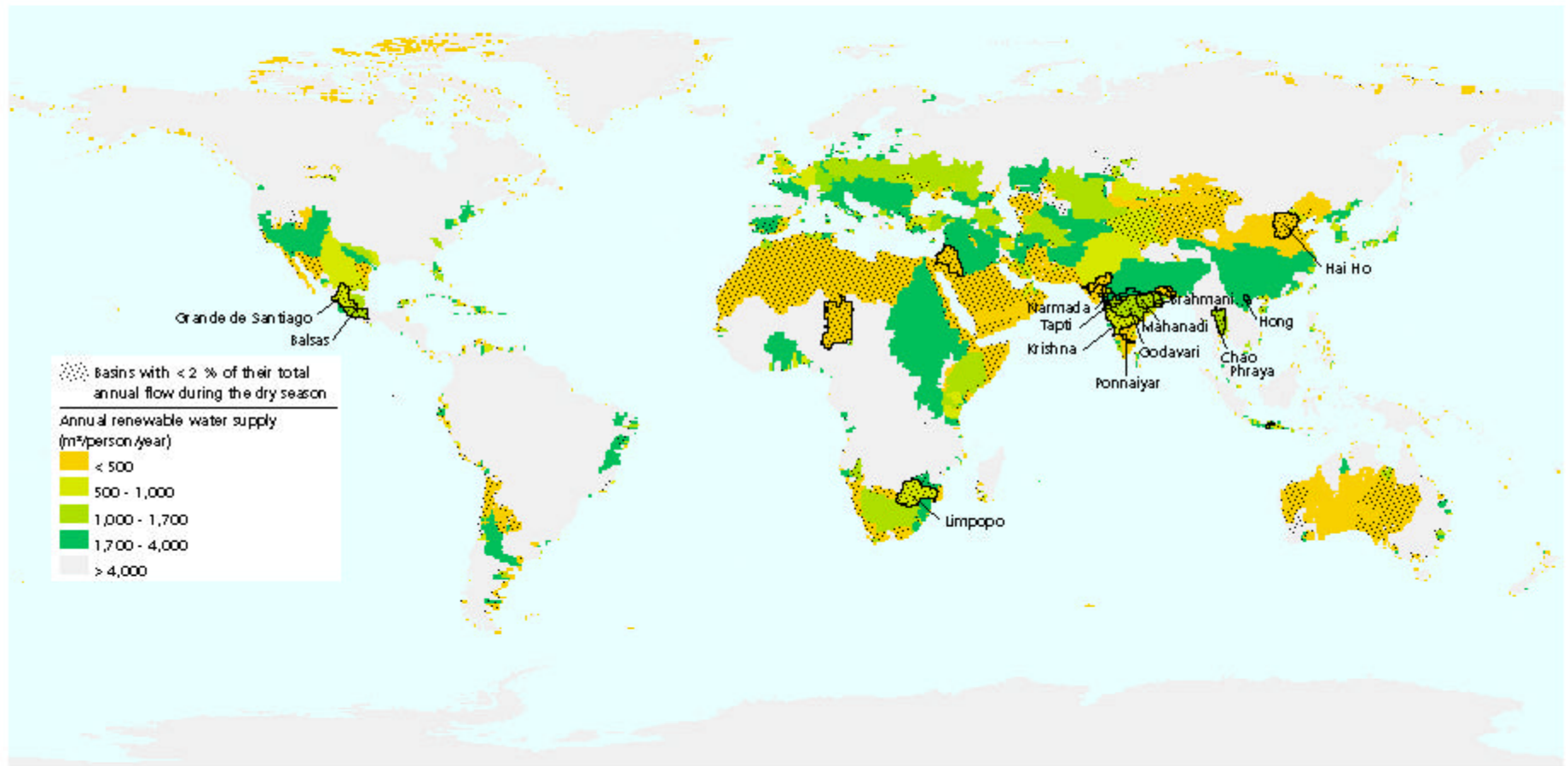
**Source:** CIESIN et al., 2000; Fekete et al., 1999.

**Projection:** Geographic

**Note:** Outlined basins are projected to have a population of more than 10,000,000 people in 2025. These basins are also in or approaching water scarcity, with less than 2,500 m<sup>3</sup> of water per person per year. Unlabeled, outlined basins in Africa and the Middle East have no perennial river flowing through them.

## Map 11

### Annual Renewable Water Supply and Dry Season Flow by River Basin



Source: Fekete et al., 1999; CIESIN et al., 2000.

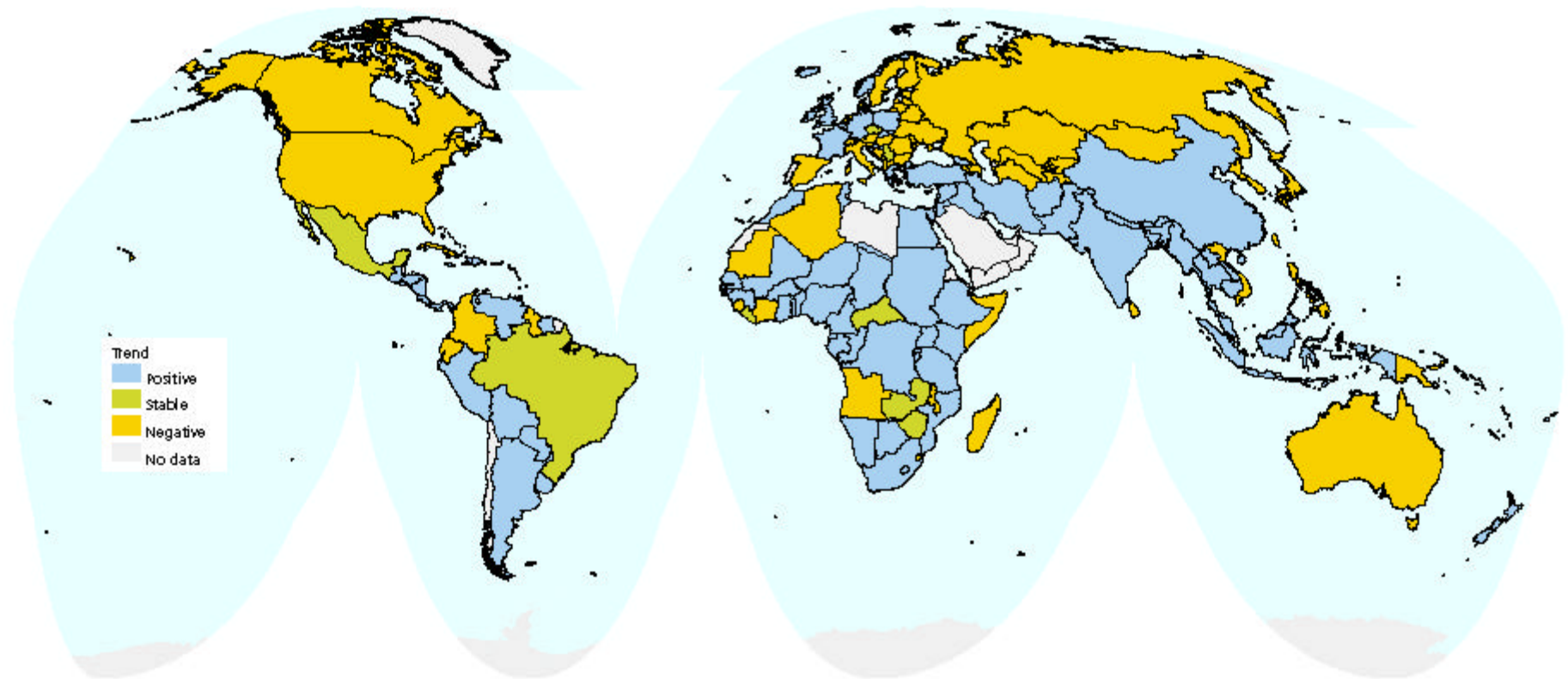
Projection: Geographic

Note: Outlined, labeled basins are those which have both less than 2 percent of their total annual flow during the dry season and an estimated 1995 population of greater than 10,000,000 people. Outlined, unlabeled basins in Africa and the Middle East meet the above conditions, but have no perennial river flowing through them.



## Map 12

### Trends in Inland Capture Fisheries by Country, 1984 - 97

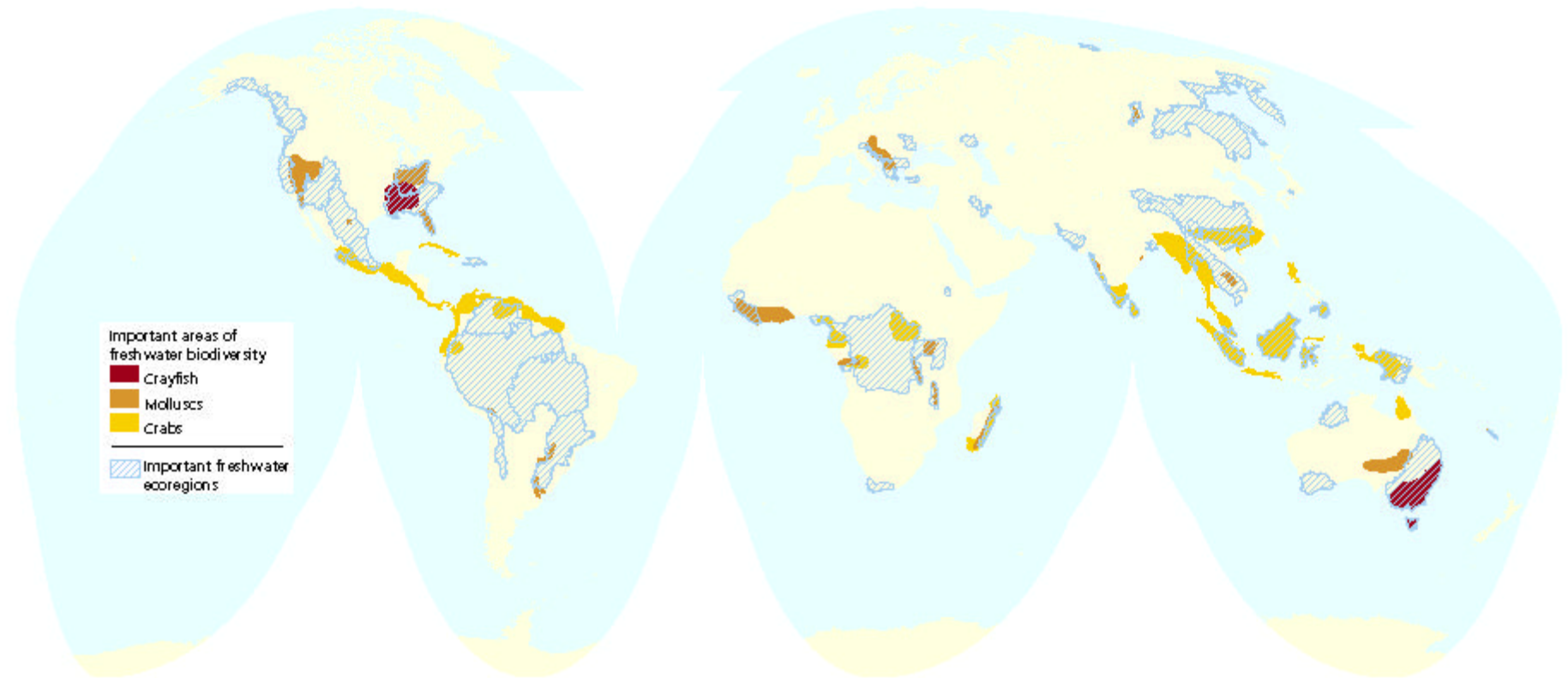


Source: FAO, 1999a; ESRI, 1996.

Projection: Interrupted Goode's Homolosine

## Map 13

### Important Areas and Ecoregions for Freshwater Biodiversity



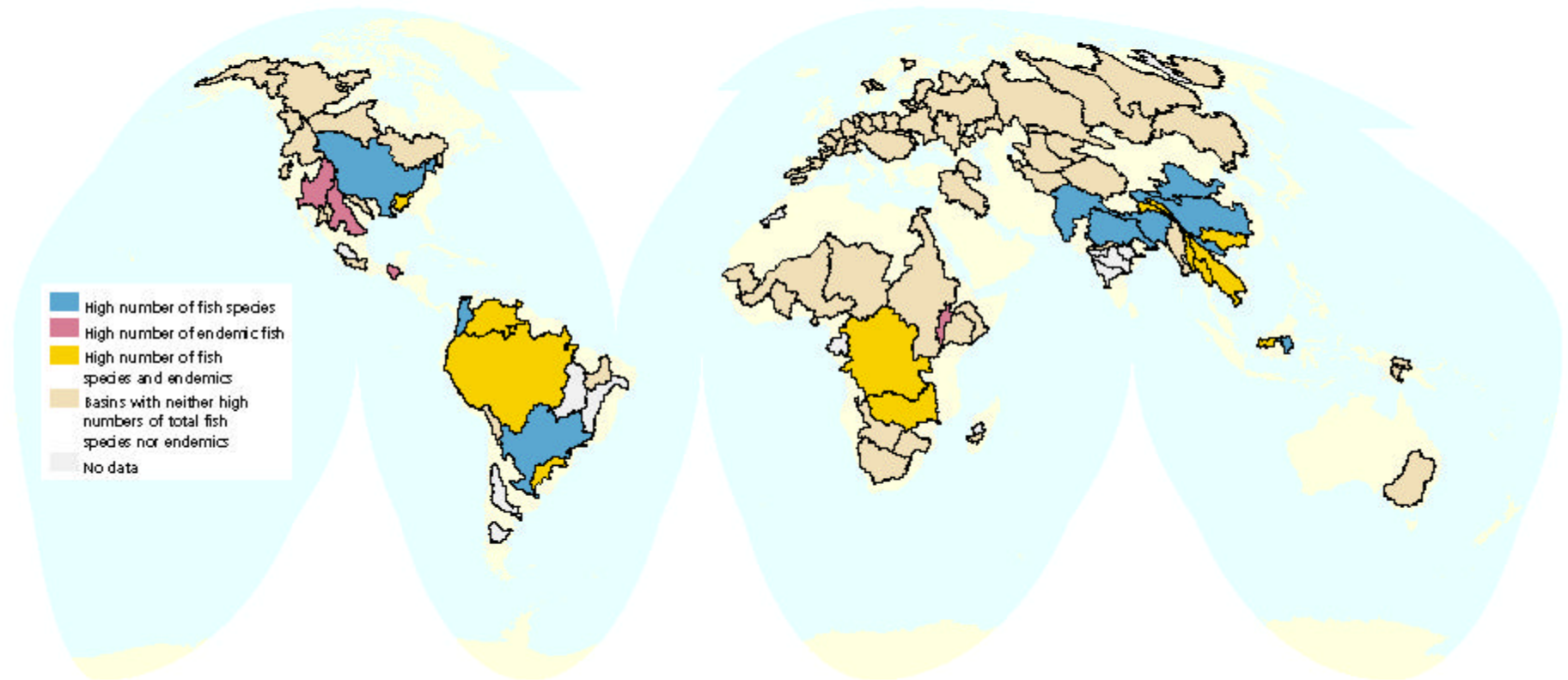
**Source:** Olson and Dinerstein, 1999; Goombridge and Jenkins, 1998.

**Projection:** Interrupted Goode's Homolosine

**Note:** Important areas for molluscs, crayfish, and crabs are from Goombridge and Jenkins (1998) based on data provided by P. Bouchet, O. Gargominy, A. Borgan, W. Ponder, K. Crandall, N. Cumberland, R. von Sternberg, D. Belk, and the IUCN/Species Survival Commission Inland Water Crustacean and Mollusc Specialist Groups.

## Map 14

### Fish Species Richness and Endemism by River Basin

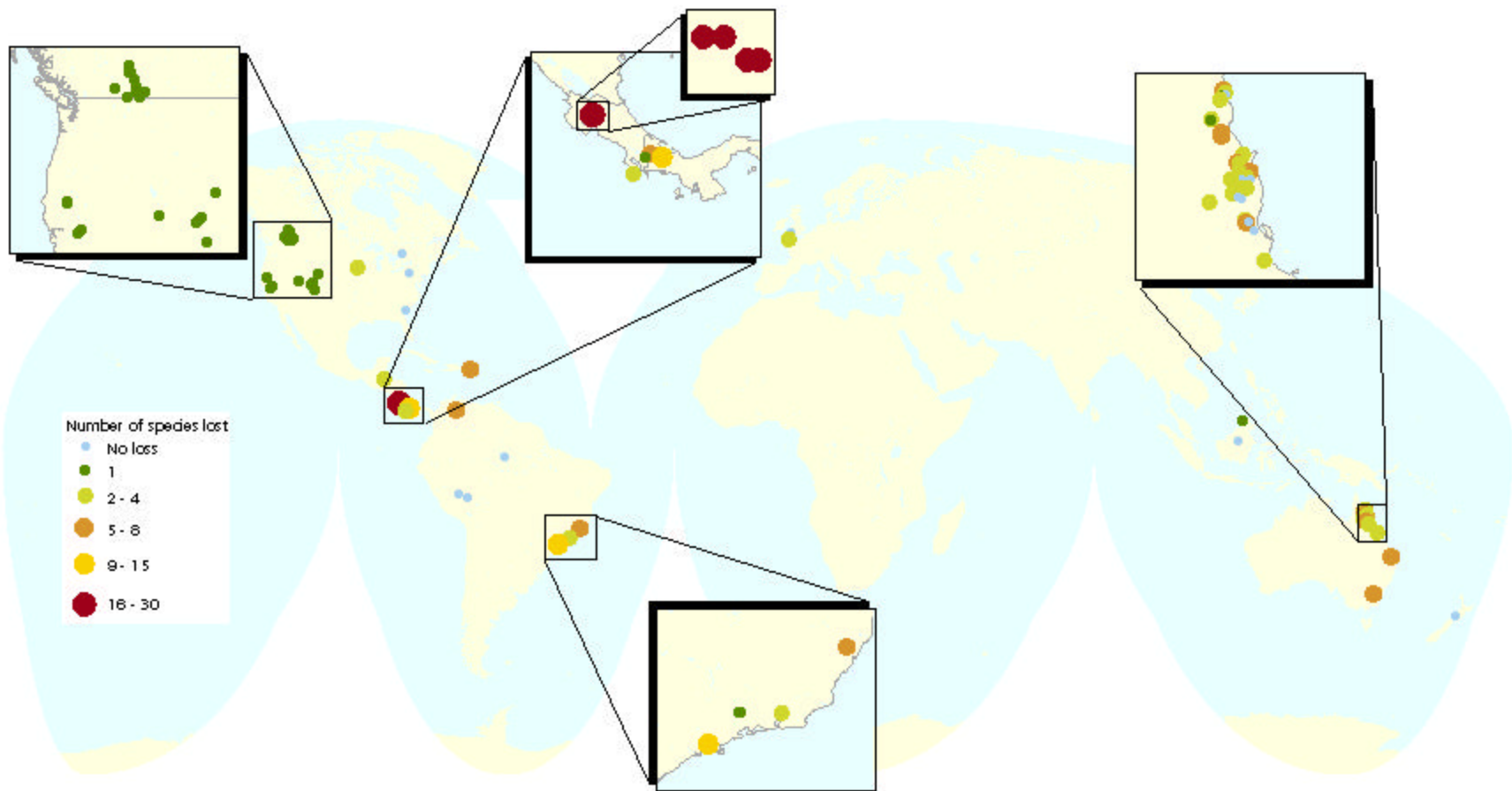


Source: Revenga et al., 1998.

Projection: Interrupted Goode's Homocline

## Map 15

### Amphibian Census Sites and Decline Index



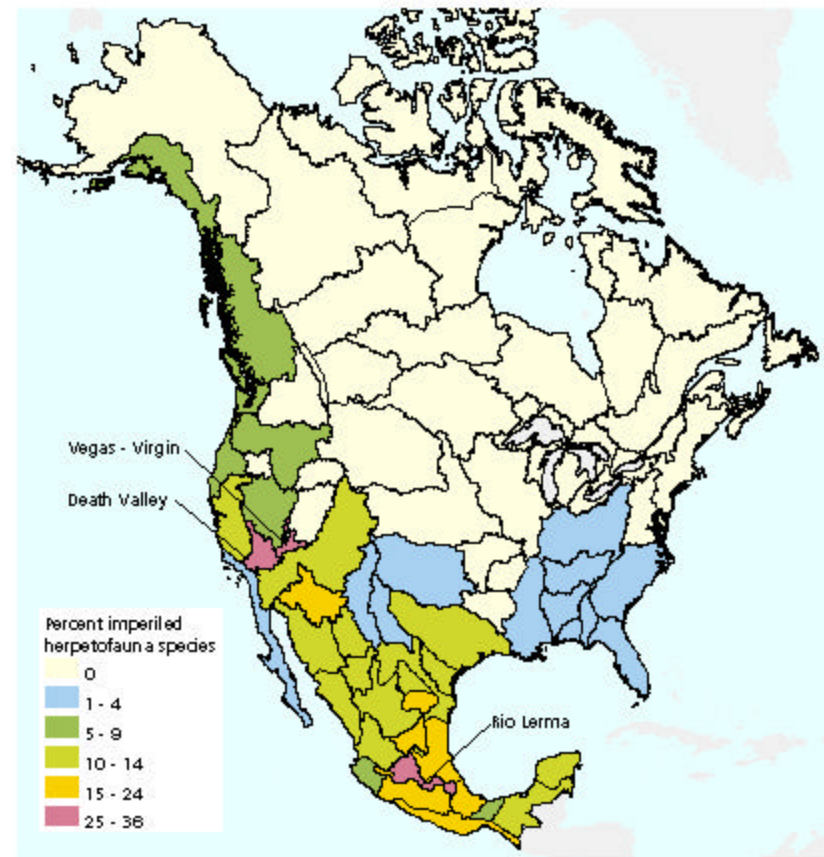
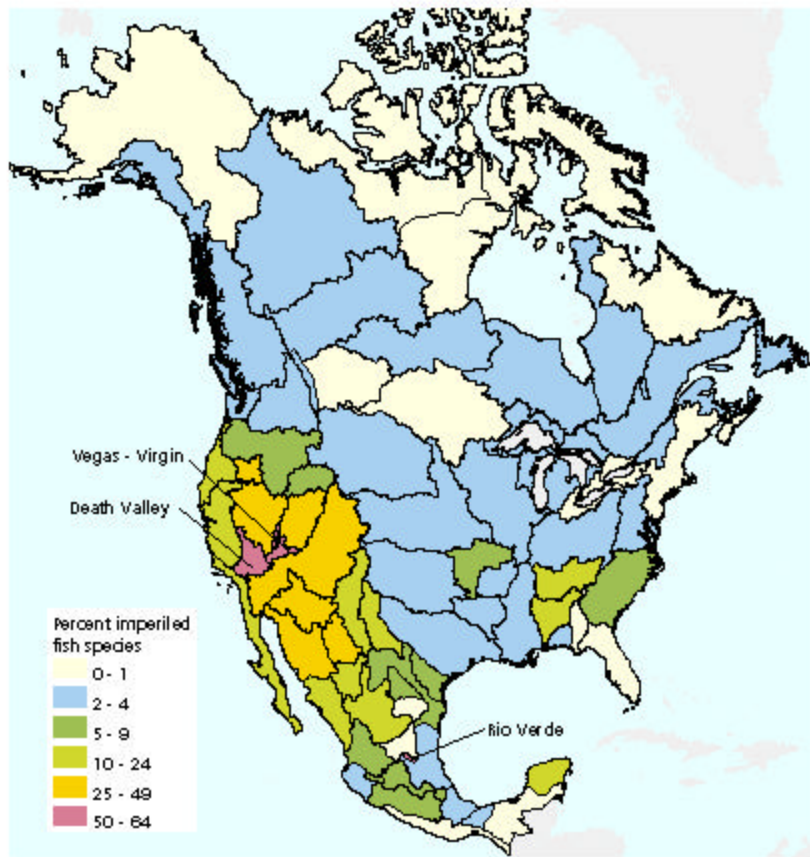
Sources: Carey et al., 2000.

Projection: Interrupted Goodes Homocline



## Map 16

# Imperiled Fish and Herpetofauna in North American Freshwater Ecoregions



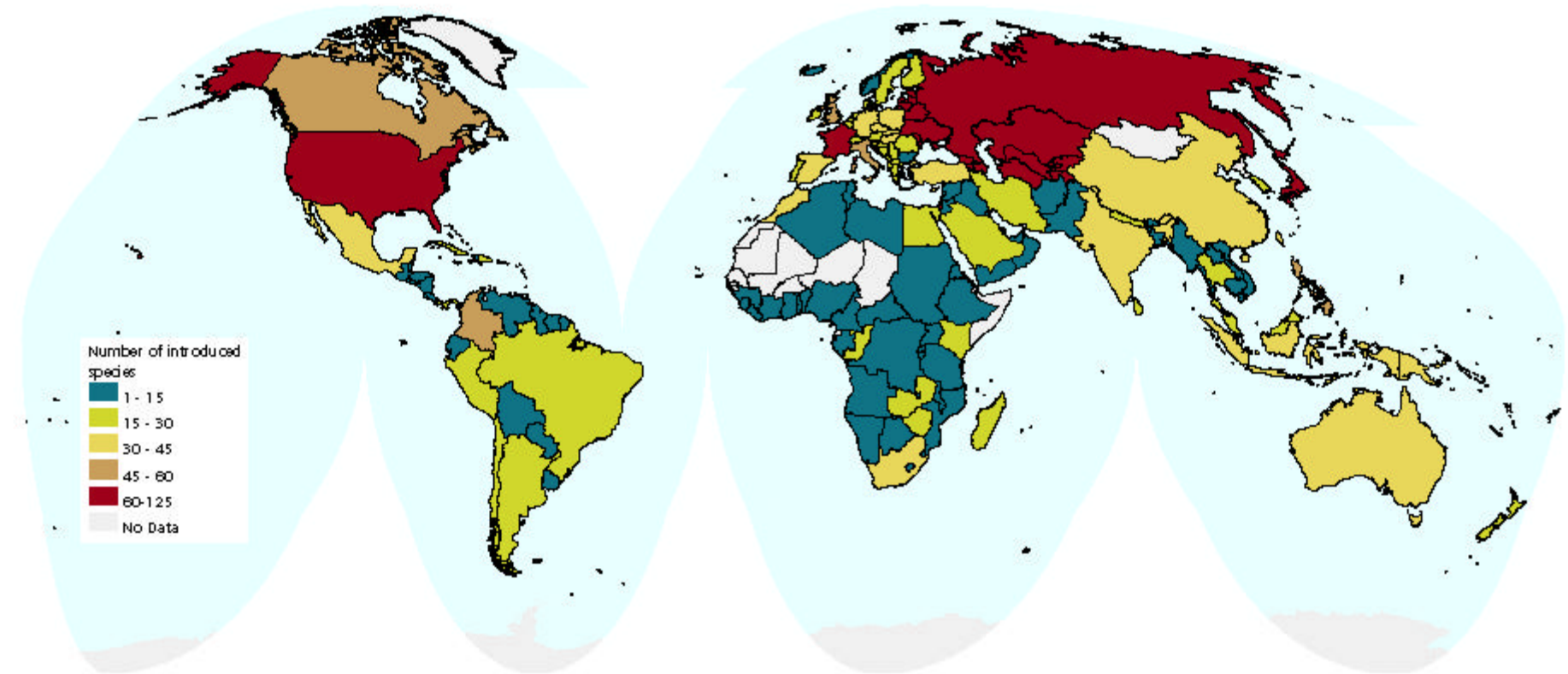
**Source:** Abell et al., 2000; The Nature Conservancy, 1997; Williams et al., 1989; CONABIO, 1998; Gonzales et al., 1995.

**Projection:** Lambert Conformal Conic

Central Meridian -96, Reference Latitude 40

## Map 17

### Number of Species Introductions into Inland Waters by Country



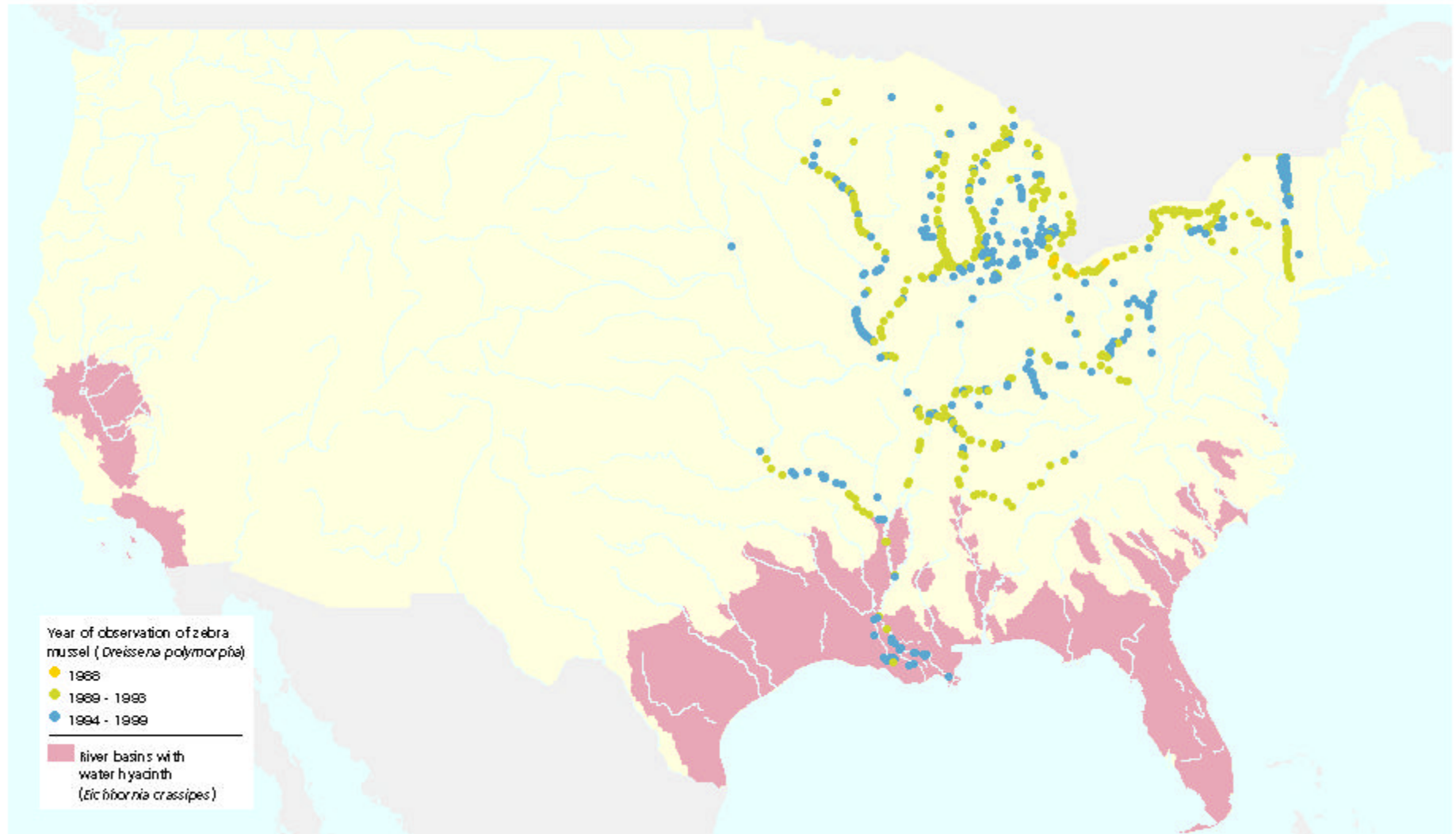
**Source:** DIAS, 2000; ERI, 1996.

**Projection:** Interrupted Goode's Homolosine

**Notes:** Species introduced into large bodies of water adjoining more than one country (e.g. Black Sea, Caspian Sea, Great Lakes, Lake Kariba) are not included. Due to data limitations, values for the former Yugoslavia, Czechoslovakia and U.S.S.R are shown, rather than for the independent republics. Recent estimates of species introductions for the independent republics are: Armenia, 1; Croatia, 7; Estonia, 18; Georgia, 4; Kazakhstan, 5; Latvia, 1; Lithuania, 2; Russia, 13; Slovenia, 2; Turkmenistan, 1; Ukraine, 10; and Uzbekistan, 18. Azerbaijan, Belarus, Kyrgyzstan, Macedonia, Moldova, Montenegro, Serbia, Tajikistan, and Bosnia and Herzegovina have no records.

## Map 18

# Zebra Mussel Expansion and Water Hyacinth Presence in the United States



**Source:** USGS Zebra Mussel and Invasive Species Websites, 2000.

**Projection:** Interrupted Goode's Homocline