

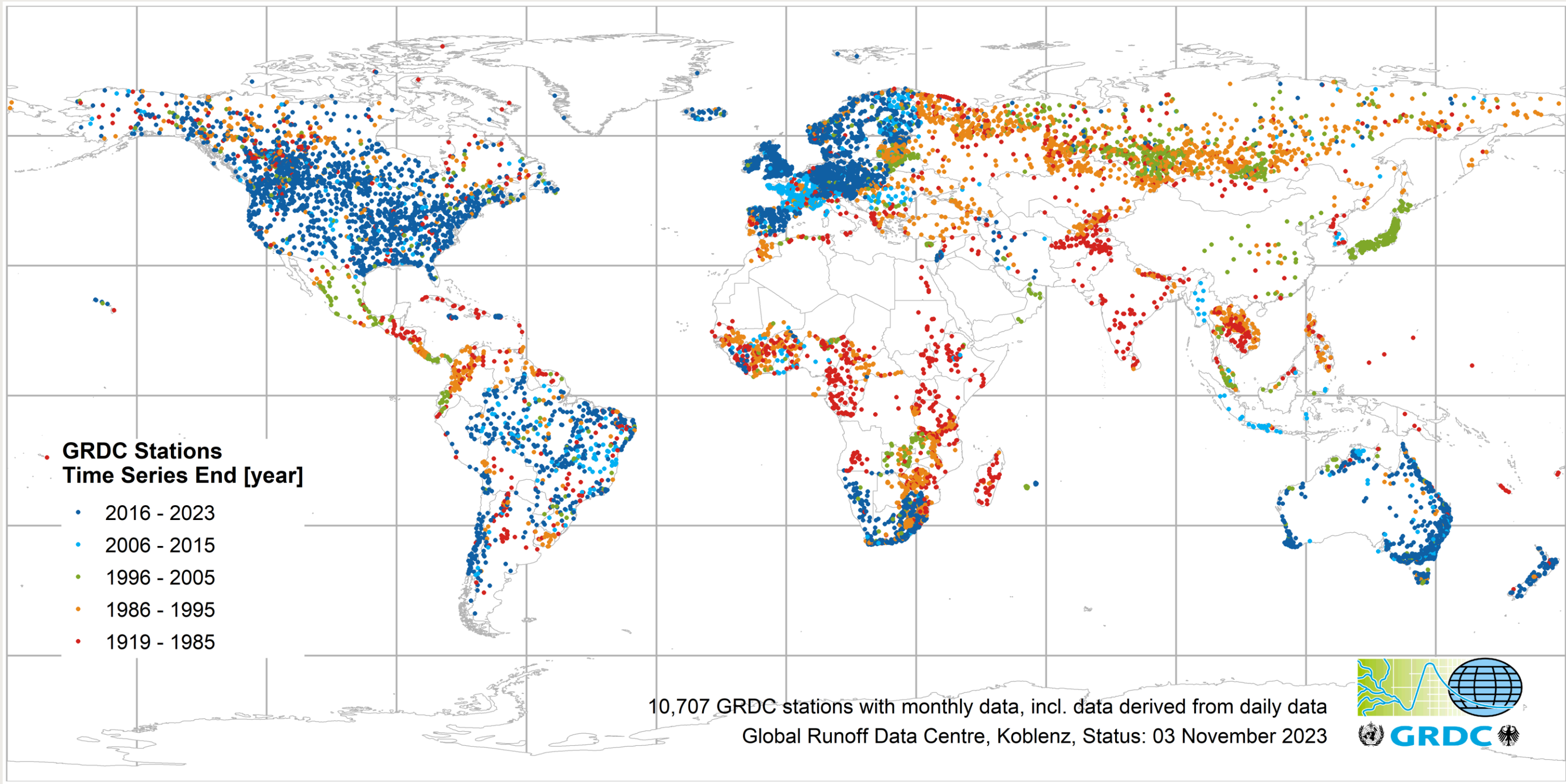
# The Global Runoff Database - A unique archive for river discharge data



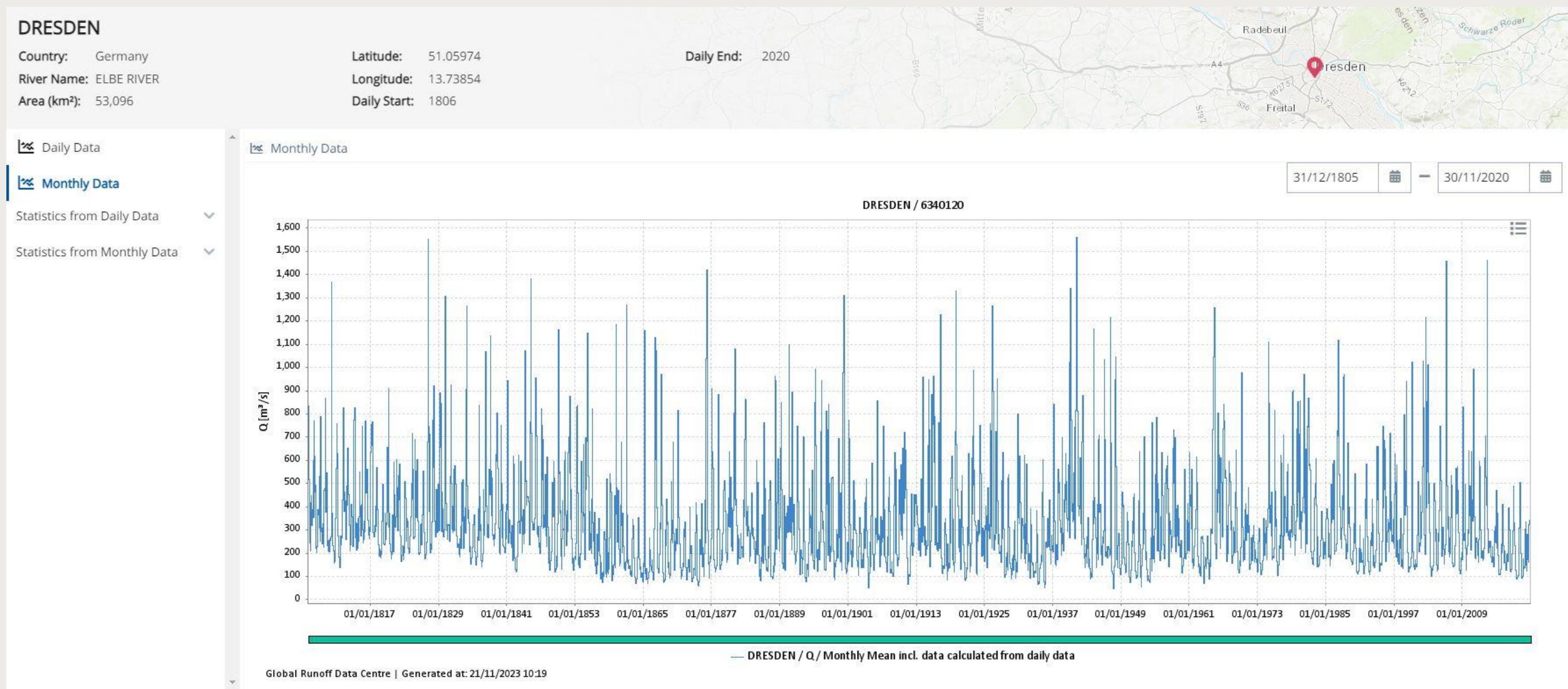
## Mission

The Global Runoff Data Centre is an international data centre operating under the auspices of the World Meteorological Organization (WMO). Established in 1988, to support the research on global and climate change and integrated water resources management, GRDC holds the most substantive collection of quality assured in situ river discharge data on a global scale.

## Global Coverage



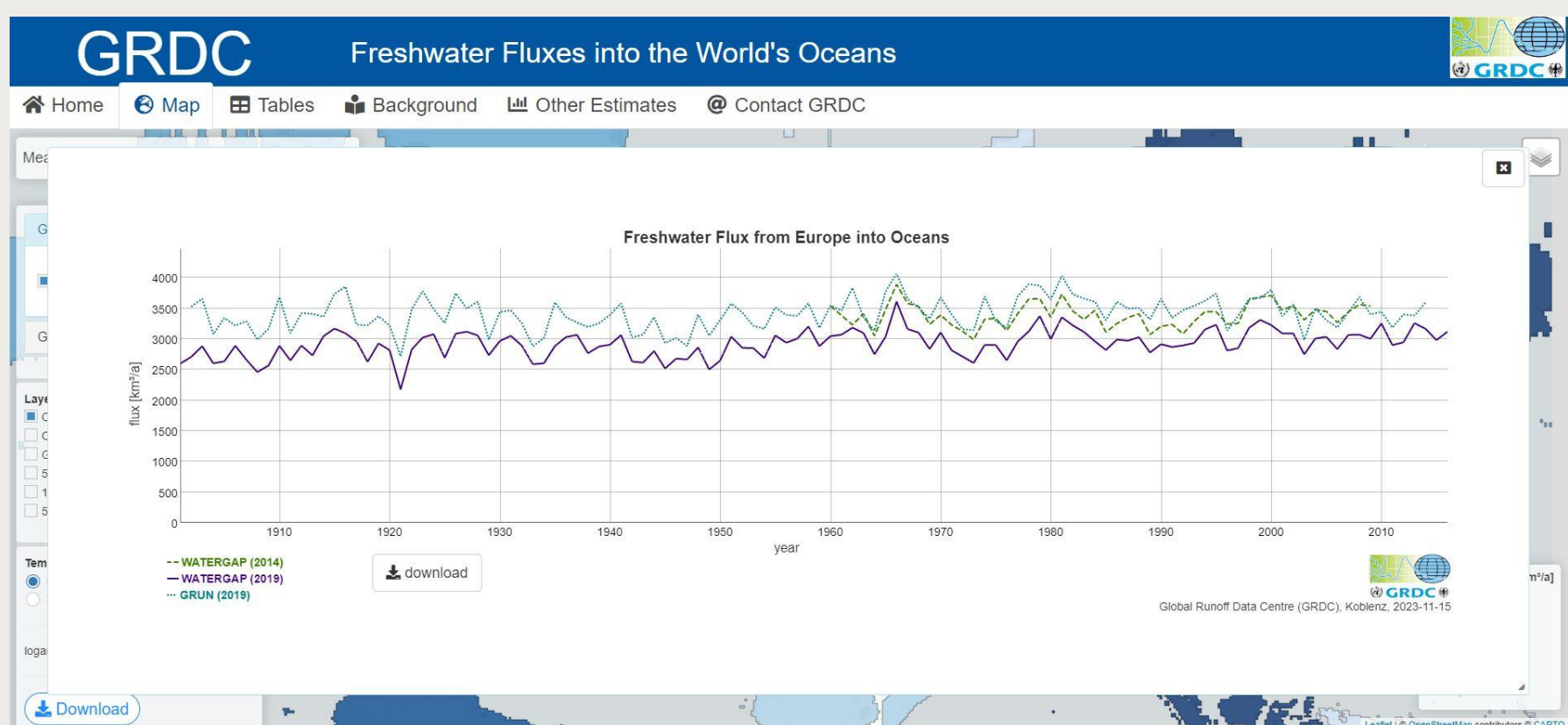
## Data Portal



Currently, the Global Runoff Database contains river discharge data collected at daily or monthly intervals from more than 10,000 stations in 160 countries. Primary data providers are the national hydrological and hydrometeorological services of WMO. The data can be visualized and downloaded via the GRDC data portal.

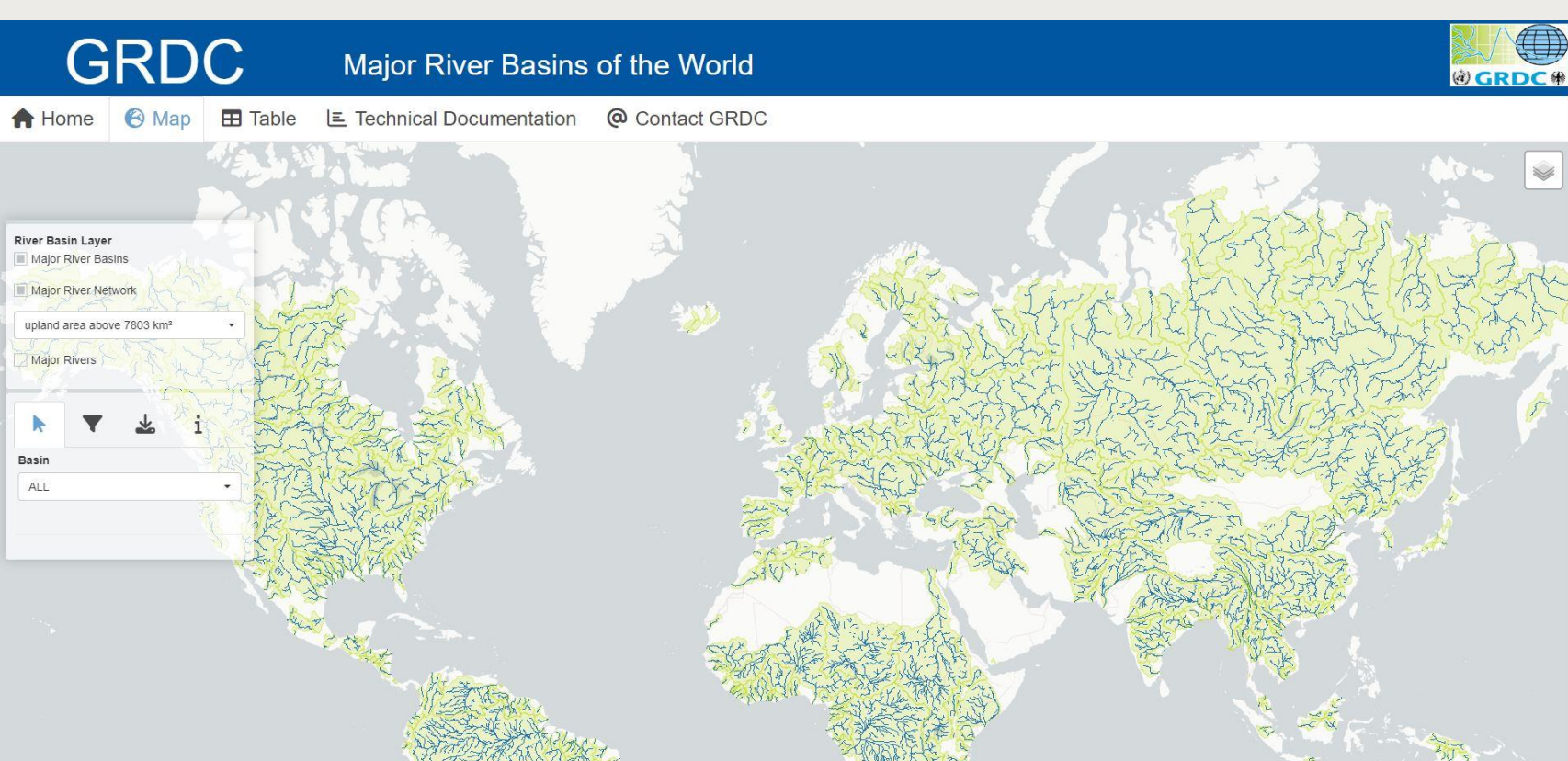
## Data Products

### Freshwater Fluxes



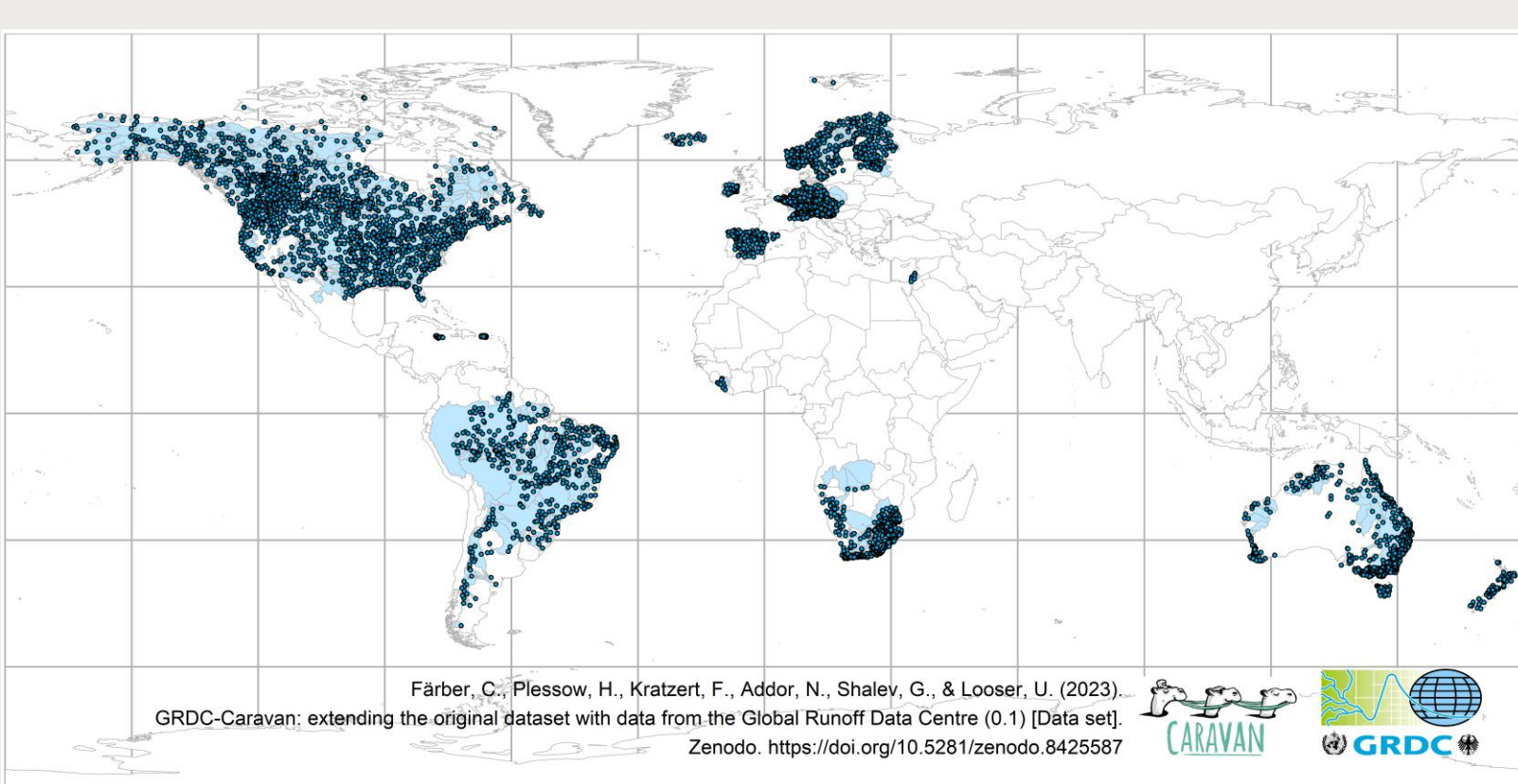
The application provides estimations of continental runoff or freshwater input to the oceans from specific continents or land areas.

### Major River Basins



The "Major River Basins" and "Major River Networks" layers represent 520 basins considered “major” in size or in their hydropolitical interest.

### Caravan Extension



Extension to *Caravan*<sup>1</sup>, an open community dataset of meteorological forcing data, catchment attributes and discharge data.

References: <sup>1</sup>Kratzert, F., Nearing, G., Addor, N. et al., 2023: Caravan - A global community dataset for large-sample hydrology. Sci Data 10, 61.