

# Spatial Patterns and Characteristics of Flood Seasonality in Europe

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## Supplement:

Data Sources of the database used in this study and their respective data holders

<b>Data Source Country/Project</b>	<b>Data Holder/Source/Project information</b>
Albania	National Hydro-Meteorological Service Albania, Institute of GeoSciences, Energy, Water and Environment (IGEWE)
Austria	Hydrographic Services of Austria (HZB), Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management
Bosnia and Herzegovina	Hydrological Yearbooks of the former Republic of Yugoslavia
Bulgaria	Hydrological Yearbooks of the Rivers in Bulgaria, National Institute of Meteorology and Hydrology
Croatia	Meteorological and Hydrological Service of Croatia (DHMZ)
Czechia	Czech Hydrometeorological Institute
Denmark	Freshwater Scientific Data Centre, Danish Centre for Environment and Energy (DCE)
Estonia	Estonian Environment Agency (KAUR)
EWA	European Water Archive (EWA)
Finland	Finnish Environment Institute, Open information/Hydrology/Discharge(SYKE)
France	HYDRO database, French Ministry of Ecology, Sustainable Development and Energy
Germany	Federal Waterways and Shipping Administration (WSV)
Germany, Bavaria	Bavarian Environment Agency (LfU)
Germany, Brandenburg	Brandenburg State Office of Environment, Health and Consumer Protection (LUGV)
Germany, Hesse	Hessian Agency for Nature Conservation, Environment and Geology (HLNUG)
Germany, Lower Saxony	Lower Saxony Water Management, Coastal Defence and Nature Conservation Agency (NLWKN)
Germany, Mecklenburg-Vorpommern	State Office of Environment, Nature Protection and Geology of Mecklenburg-Vorpommern (LUNG)
Germany, North Rhine-Westphalia	North Rhine-Westphalia State Agency for Nature, Environment and Consumer Protection (LANUV),
Germany, Rhineland-Palatinate	State Office for the Environment (LfU), Rhineland-Palatinate
Germany, Saarland	The Saarland State Office for Environmental and Labour Protection (LUA)
Germany, Saxony	Saxon State Agency for Environment, Agriculture and Geology (LfULG)
Germany, Saxony-Anhalt	State Agency for Flood Defence and Water Management of Saxony-Anhalt (LHW)
Germany, Schleswig-Holstein	Schleswig-Holstein Agency for Coastal Defence, National Park and Marine Conservation (ACNM-SH)
Germany, Thuringia	Thuringian State Institute for the Environment and Geology (TLUG)
GRDC	The Global Runoff Data Centre, Koblenz, Germany
Greece	Hydroscope- Ministry for the Environment, Energy and Climate Change - Special Secretariat for Water

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Hungary	General Directorate of Water Management, Hungary
Hungary	Lower Tisza District Water Directorate
HYDRATE	HYDRATE Project data base: Hydrometeorological Data Resources and Technology for Effective Flash Flood Forecasting
Ireland	Irish Environmental Protection Agency (EPA)
Ireland	Office of Public Works (OPW)
Italy	Former National Hydrographic Service (SIMN)
Italy	The Italian National Institute for Environmental Protection and Research (ISPRA)
Italy	National Research Council (CNR)
Italy, Bolzano, South Tyrol Region	Hydrological Services, Autonomous Province of Bozen/Bolzano - South Tyrol
Italy, Emilia-Romagna Region	Regional Agency for the Environmental Protection (ARPA), Emilia-Romagna
Italy, Lazio & Umbria	Bencivenga M., Calenda G. and Mancini C.P., 2001.
Italy, Piedmont Region	Italian National Agency for Electricity (ENEL)
Italy, Piedmont Region	Research Institute for Hydro-Geologic Protection (IRPI)
Italy, Piedmont Region	Regional Agency for the Environmental Protection (ARPA), Piemonte
Italy, Po Region	Basin Authority of the Po River
Italy, Sicily Region	Water Observatory - Sicily Region
Italy, Trentino Region	Civil Protection Department, Autonomous Province of Trento
Italy, Tuscany Region	Regional Functional Centre of Meteo-Hydrological Monitoring, Tuscany
Italy, Veneto Region	Regional Agency for the Environmental Protection (ARPA), Veneto
Latvia	Latvian Environment, Geology and Meteorology Centre
Lithuania	Lithuanian Hydrometeorological Service under the Ministry of Environment
Netherlands	Dutch Ministry of Infrastructure and the Environment - Rijkswaterstaat
Norway	Database Hydra II; Norwegian Water Resources and Energy Directorate (NVE)
Poland	Institute of Meteorology and Water Management National Research Institute (IMGW-PIB)
Portugal	Portuguese Environmental Agency National Information System for Water Resources of Portugal (SNIRH)
Republic of Macedonia	National Hydrometeorological Service, Republic of Macedonia
Russia	Ministry of Natural Resources and Ecology of the Russian Federation
Russia	State Water Cadastre, State Hydrological Institute, Lomonosov Moscow State University
Russia	AIS GMVO, Russian Federal Agency for Water Resources
Serbia	Republic Hydrometeorological Service of Serbia (RHSS)
Slovakia	Slovak Hydrometeorological Institute, Bratislava (SHMI)
Slovenia	Slovenian Environment Agency (ARSO)
Spain	Centre for Hydrographic Studies of CEDEX, Ministry of Agriculture, Food and Environment, Spain
Sweden	Swedish Meteorological and Hydrological Institute (SMHI)
Switzerland	Federal Office for the Environment (BAFU)
Turkey	General Directorate of Electrical Power Resources Survey and Development Administration (EIE), Turkey
Ukraine	Hydrological Department, Ukrainian Hydrometeorological Institute (UHMI)
Ukraine	Hydrometeorological Institute, Odessa State Environmental University (OSENU)
United Kingdom	UK National River Flow Archive (NRFA)

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