



REHYDRATE

REtrieve historical HYDRologic dAta and Estimates

WG 1.01

IAHS

Motivation

Historical (i.e. before systematic records) hydrologic data are still stored in printed documents and volumes in several countries worldwide and can't be easily used in our hydrological analyses!

Goals and Methods



Assessment and **collection** of historical hydrologic data sources

Digitizing historical records and creating a worldwide dataset

Making dataset **accessible** to the hydrologic community

Short term

Long term

Ultimate

How: network of scientists and local experts to collect sources

How: OCR software or citizen science projects

How: open access repositories

About the REHYDRATE group

40 scientists

Previous experience & initiatives

Journal of Hydrology 590 (2020) 125258

Contents lists available at ScienceDirect

Journal of Hydrology

journal homepage: www.elsevier.com/locate/jhydrol

Technical Note

The history of rainfall data time-resolution in a wide variety of geographical areas

Volume 1 - Distretto Idrografico Padano

CATALOGO DELLE PIENE DEI CORSI D'ACQUA ITALIANI

2020

CiNiD

SIREN project

PROJECT UPDATE: In the first three weeks after the official project launch on 19 September all the historical Yearbooks from the Bolzan THANK YOU to all the citizen scientists who took part in this activity! Our journey through Italy continues with the Geneva compatriote the transcriptions.

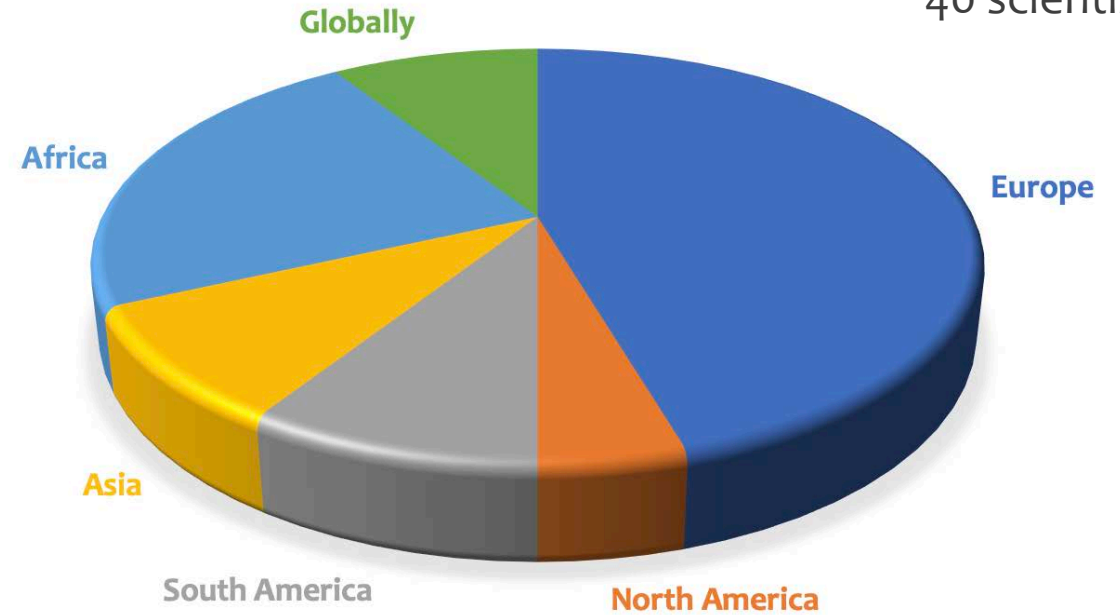
Moncalieri: inizio osservazioni: lug. 1963. Quota zero idrometrico 212,49 m.s.m. Altezze idrometriche: max Portate: max m³/s 2230 (4 mag. 1949); minima m³/s 9.0 (8+9 ago. 1929); media m³/s 80.4 (1927+

PORTATA MEDIA GIORNALIERA in m³/s

Help us saving Italian hydrological measurements don't stop the (data) flow!

Learn more

GIORNO	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	45.1	45.1	45.1	57.0	120.1	27.6	26.8	63.4	70.8	57.9	94.1	91.7
2	45.1	46.5	45.1	57.0	45.1	125.0	68.0	68.5	68.9	58.7	91.7	91.7
3	44.4	46.5	45.8	56.1	43.7	113.9	61.5	96.1	64.3	118.0	78.6	78.6
4	44.4	46.5	54.4	56.1	94.6	108.0	59.6	82.8	62.4	98.9	74.6	74.6
5	44.4	48.8	58.7	55.2	298.0	100.0	65.3	72.7	60.6	75.6	72.7	72.7
6	45.1	51.1	51.9	55.2	268.0	97.7	57.9	66.2	59.6	71.7	69.8	69.8
7	45.1	51.9	49.5	55.2	339.0	56.1	36.3	66.2	61.5	70.8	68.9	68.9
8	45.1	51.9	48.0	54.4	252.0	54.4	36.3	66.2	60.6	174.0	71.7	71.7
9	45.8	51.1	53.9	53.6	187.0	52.7	35.7	70.8	60.6	189.0	71.7	71.7
10	45.1	50.3	142.0	54.4	167.0	87.2	49.5	68.0	60.6	124.0	71.7	71.7
11	45.1	50.3	146.0	53.6	219.0	143.0	48.0	67.1	63.4	112.0	66.2	66.2
12	45.1	51.9	118.0	51.9	270.0	782.0	47.3	68.9	68.0	91.7	64.3	64.3
13	44.4	54.4	290.0	51.1	209.0	901.0	46.5	37.4	64.3	73.6	88.3	63.4



GTN-H

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Global Terrestrial Network – Hydrology

GTN-H links existing networks and systems for integrated observation global water cycle.

The network was established in 2001 as a „network of networks“ to support a range of climate and water resource objectives, building on existing networks and data centres, and producing value-added products through enhanced communications and shared development.

English Français Español

I-DARE PORTAL

INTERNATIONAL DATA RESCUE

WORLD METEOROLOGICAL ORGANIZATION

GFCS GLOBAL FRAMEWORK FOR CLIMATE SERVICES

Home About the I-DARE Portal Data Rescue (DARE) activities DARE applications DARE resources Contact us Login

The International Data Rescue (I-DARE) Portal

This International Data Rescue (I-DARE) Portal provides a single point of entry for information on the status of past and present worldwide to be rescued data and data rescue projects, on best methods and technologies involved in data rescue, and on metadata for data that need to be rescued.

How to use the I-DARE portal? See the Quick Start Guide.

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