

Precipitation-runoff and streamflow-routing models for the Willamette River Basin, Oregon

U.S. Geological Survey - Spatial and temporal changes in runoff caused by climate change in a complex large river basin in Oregon

Description: -

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Petroleum

Recycling (Waste, etc.)

Secondary recovery of oil.

System analysis.

Artificial satellites.

Functions.

Continued fractions.

Capital movements -- Developing countries.

Church and state -- United States

Christianity and politics -- United States

Catholic Church -- United States -- Political activity

Criticism

Art / Digital & Video

Reference

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Art & Art Instruction

Art

The Arts: General Issues

Electronic & video art

Pharmacology -- Amazon River Region -- Congresses.

Ethnobotany -- Amazon River Region -- Congresses.

Traditional medicine -- Amazon River Region -- Congresses.

Streamflow -- Oregon -- Willamette River Watershed.

Runoff -- Oregon -- Willamette River Watershed.Precipitation-runoff Tags: #[PDF] #Estimates #of #ground and streamflow-routing models for the Willamette River Basin,

Oregon

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Water-resources investigations report -- 95-4284.Precipitation-runoff

and streamflow-routing models for the Willamette River Basin,

Oregon

Notes: Includes bibliographical references (p. 69-70).

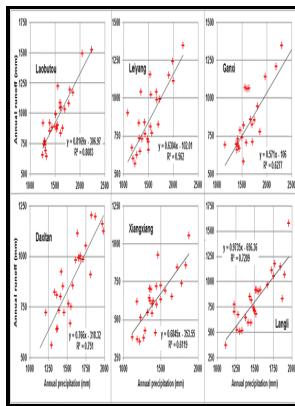
This edition was published in 1997

A mass Budget for Mercury in the Willamette River Basin, Oregon, USA

Whereas floods were historically concentrated in the period of mid-May to mid-July, the projected future flooding period spans December to June.

HESS

Specifically, choices included 2 RCPs RCP4.



Filesize: 61.17 MB

A mass Budget for Mercury in the Willamette River Basin, Oregon, USA

We estimated the 10, 5, 2, and 1 % probability of occurrence commonly referred to as the 10-, 20-, 50-, and 100-year flood, respectively by fitting generalized extreme value GEV probability distributions to simulated water year maximum daily streamflows for 50-year windows of the past 1950—1999 and future 2050—2099 periods; see Fig. This project originated as a senior honors thesis by the first author, who thanks Hank Childs of the University of Oregon for his mentorship.

A mass Budget for Mercury in the Willamette River Basin, Oregon, USA, Water, Air, Soil Pollution

Observational studies have shown consistent changes toward lower spring snowpack Mote et al. The pie charts in Fig. Thesis, Department of Geology, Portland State University, Portland, OR.

Precipitation

From these fits we have estimated the 10-year and 100-year values Fig. Geological Survey Water-Resources Investigations Report 95-4284, 197 p.

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The flood ratio decreases almost uniformly along the length of the river, from 1.

Precipitation

We also examined the ensemble performance for 1950—2008 in the distribution of timing of peak daily streamflow for 28 locations along the Columbia, Snake, and Willamette rivers a subset is shown in Fig. Soil Conservation Service, National Cartography and GIS Center. These 10 GCMs were chosen primarily for their ability to accurately reproduce observed climate metrics during the historical period mainly of the northwestern USA but also at sub-continental and larger scales as assessed in Rupp et al.

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