

Flood Potential Summary: Rocky Mountains and West Coast Regions

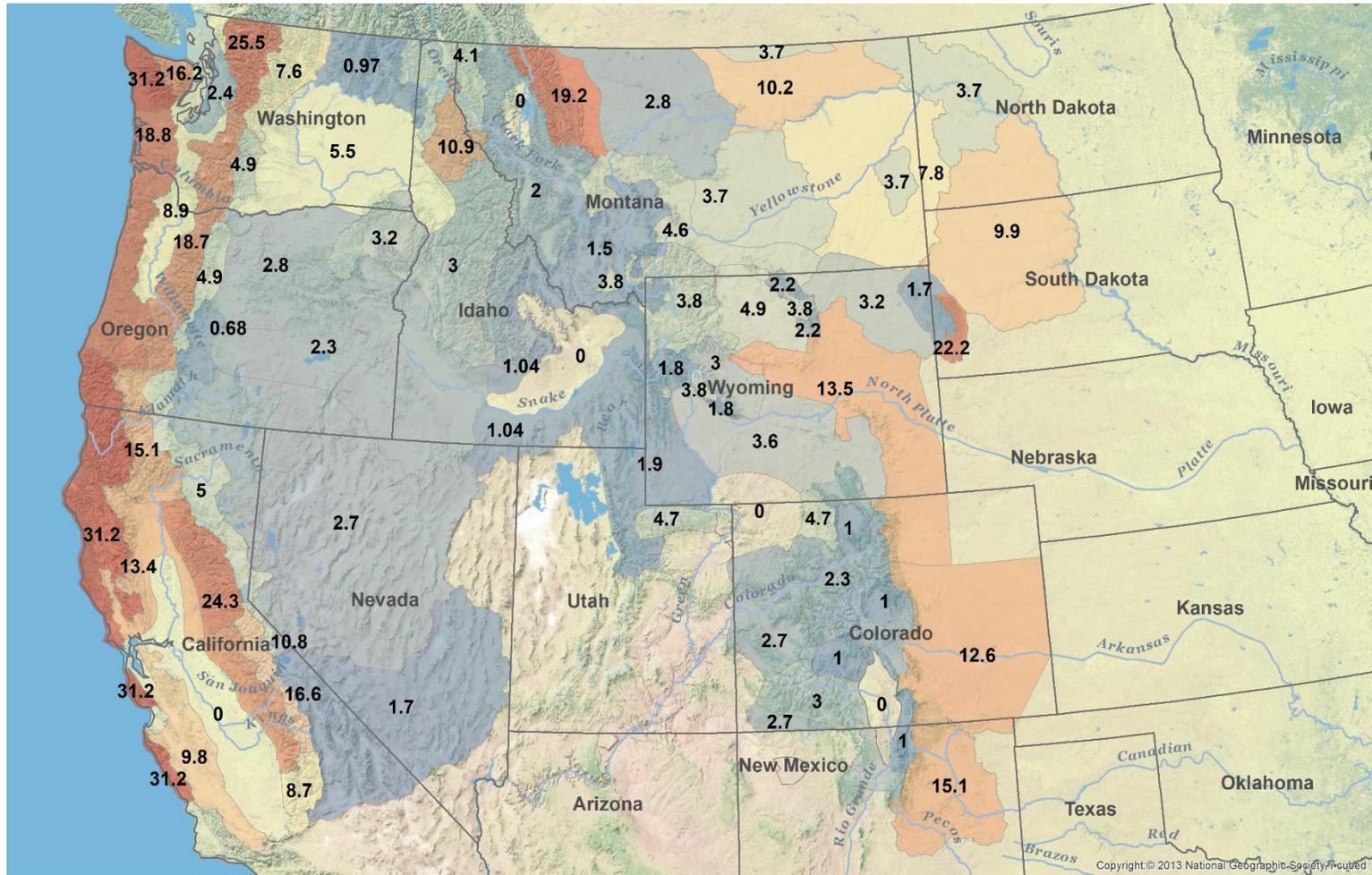
2020-8



Flood Potential Summary, 2020-8
Developed by: Steven Yochum

U.S. Department of Agriculture, Forest Service
National Stream and Aquatic Ecology Center

Flood Potential Index

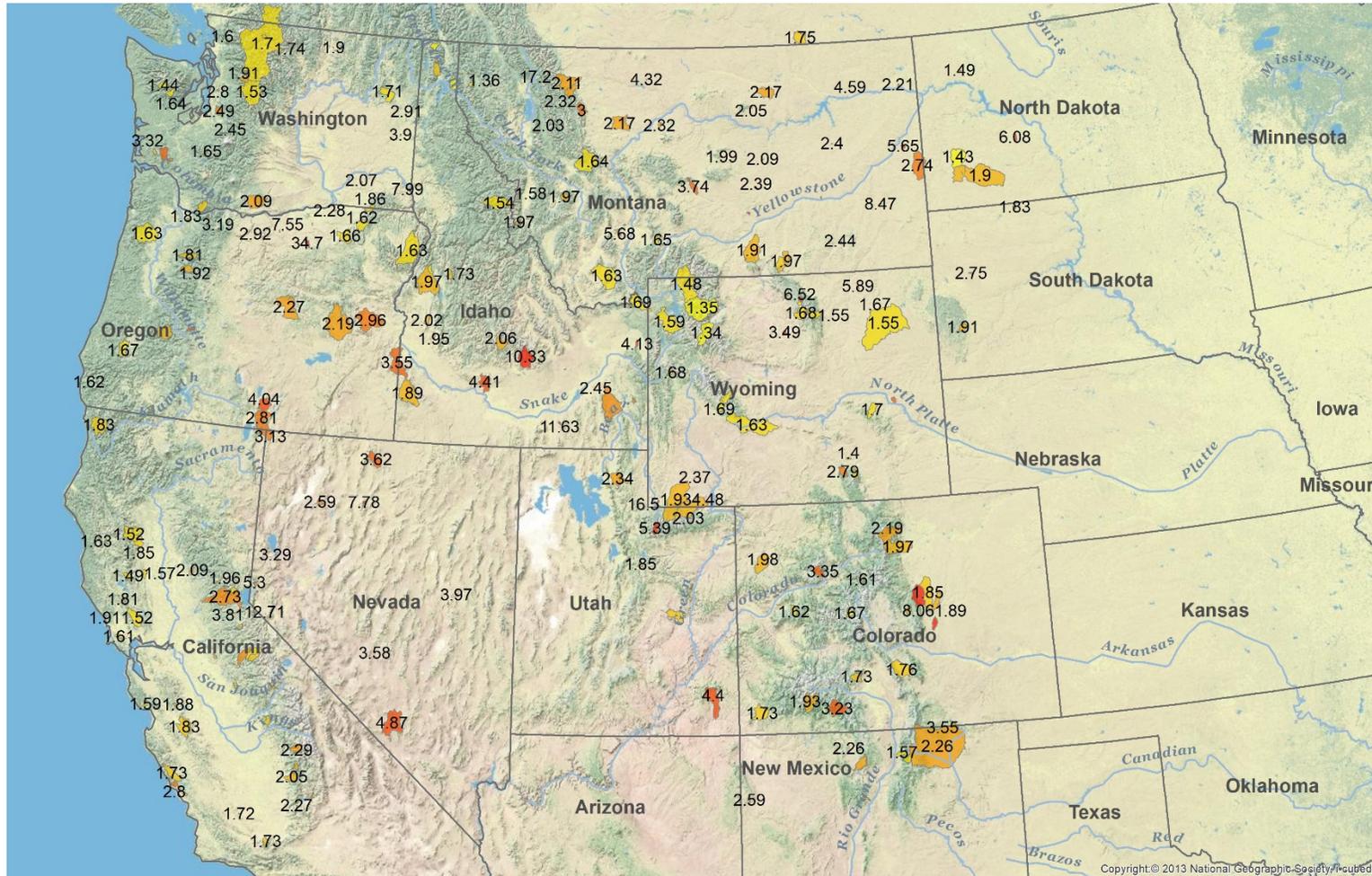


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Watersheds that have Experienced Extreme Floods

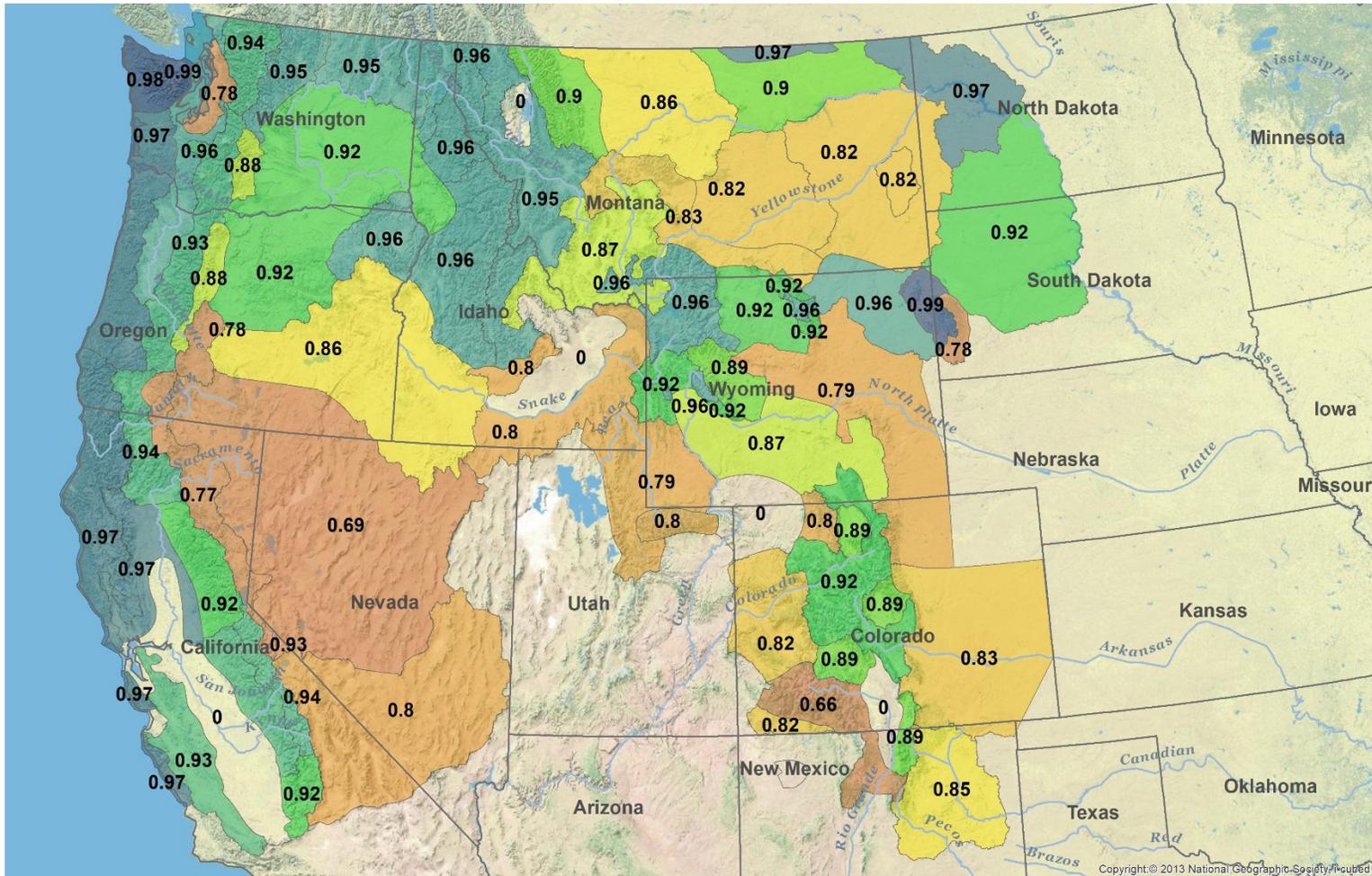
(with Flood Extreme Index values)



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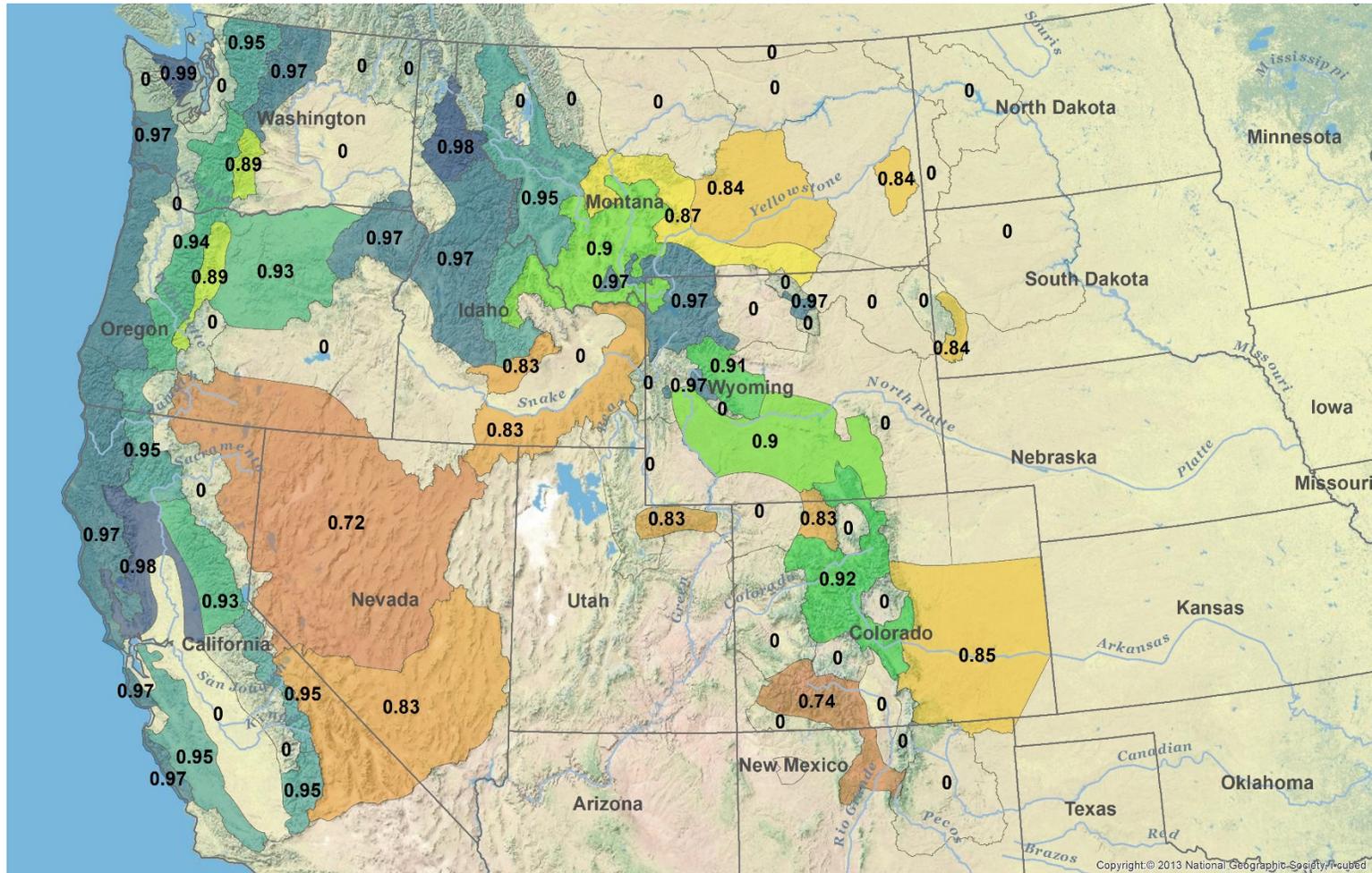
R²: Watershed Area Only Regressions



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R²: Multiple Variable Regressions

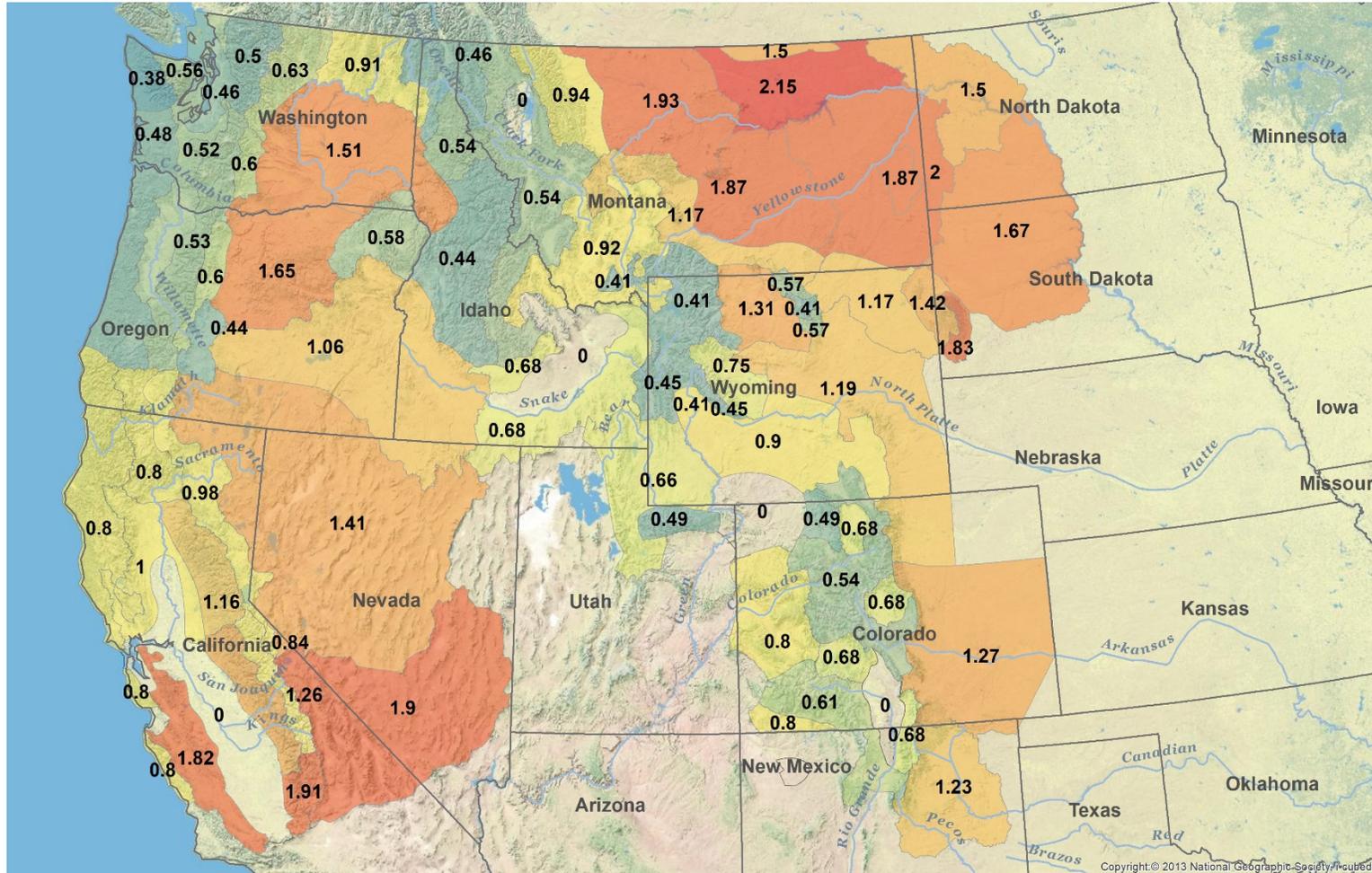


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Flashiness

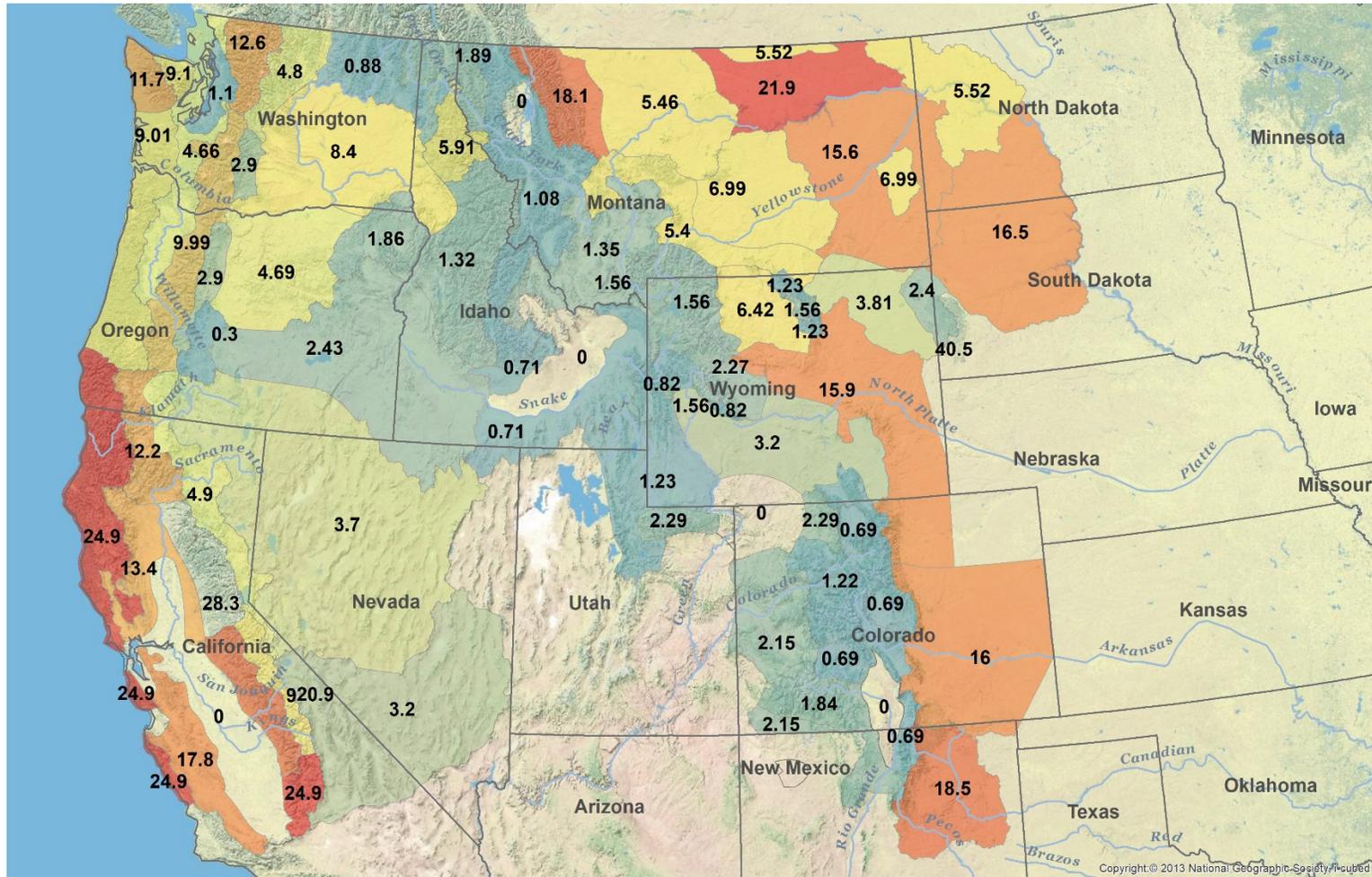
(Beard F)



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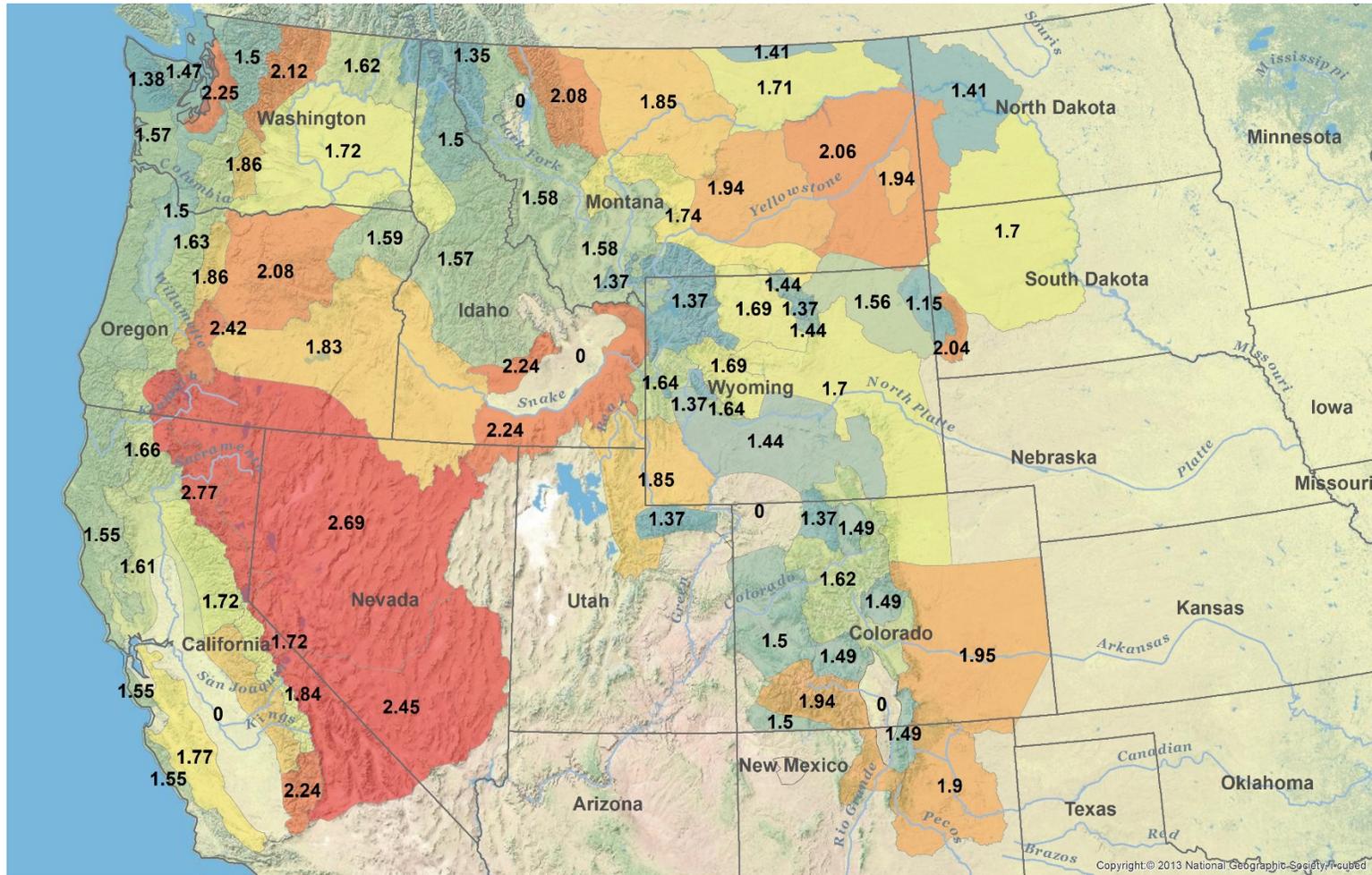
Flood Hazard Index



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Flood Variability Index

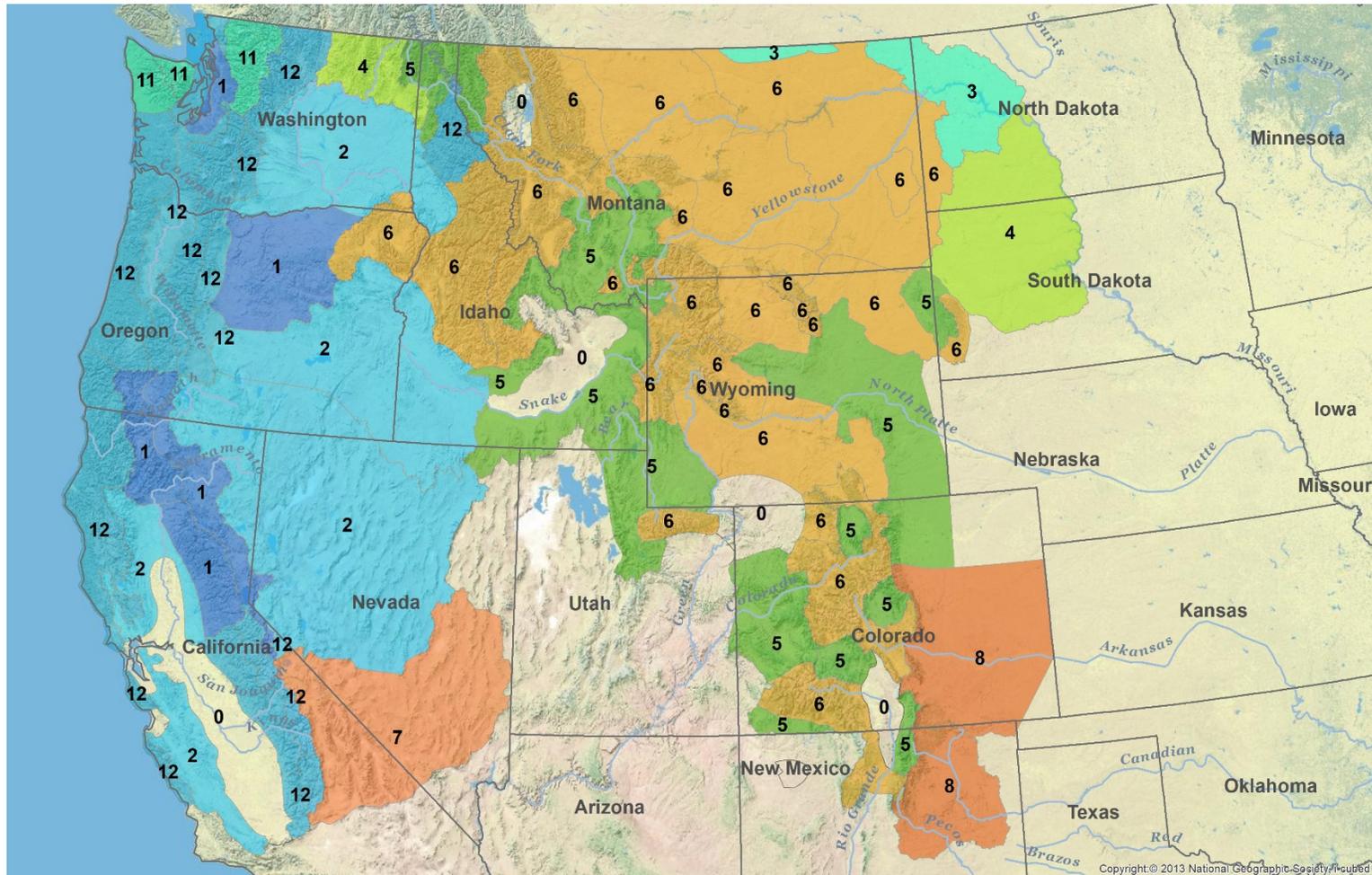


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Dominant Flooding Month

(Seasonality)

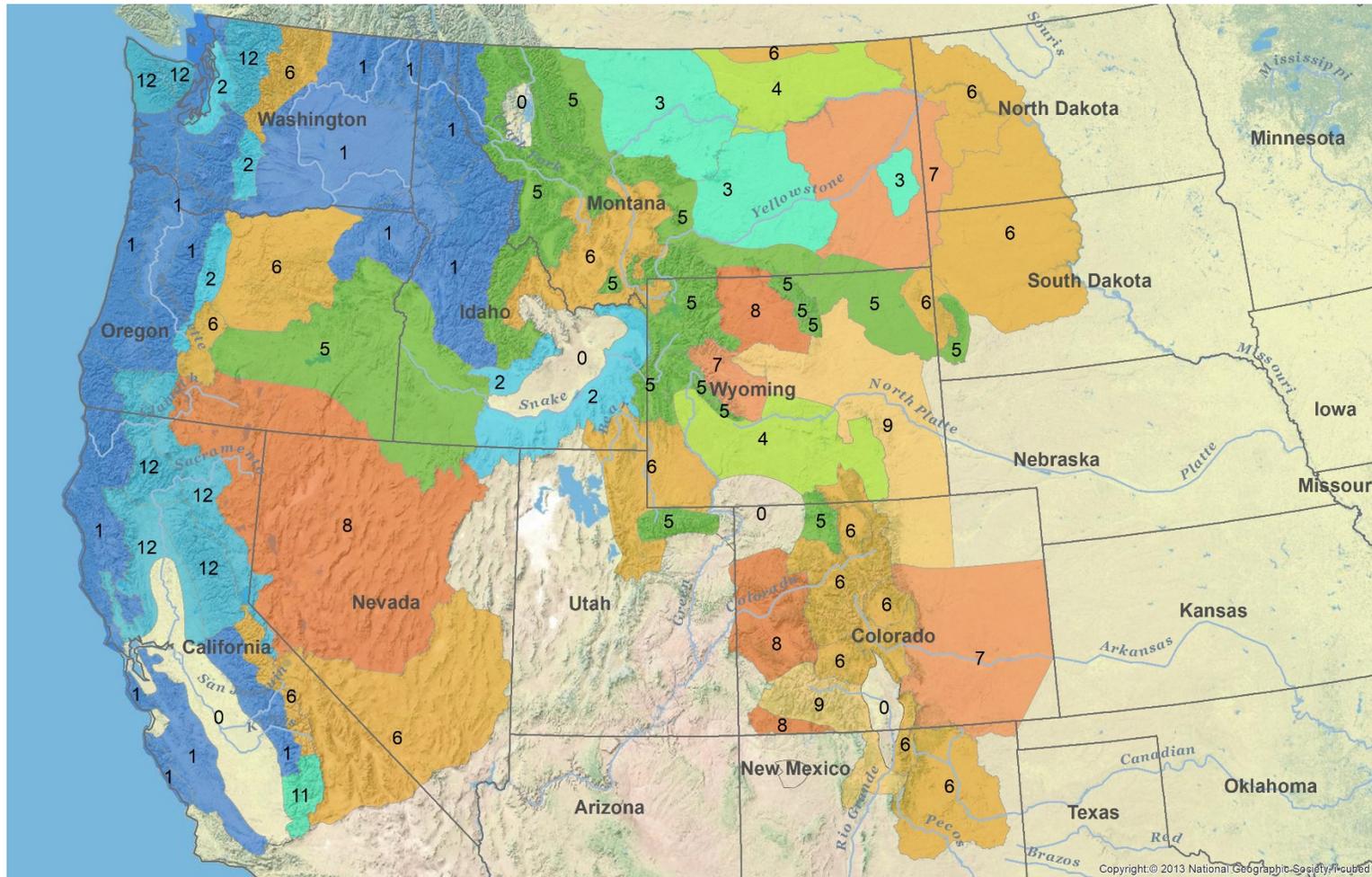


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Secondary Flood Seasonality

(Secondary Frequency Peak Month)

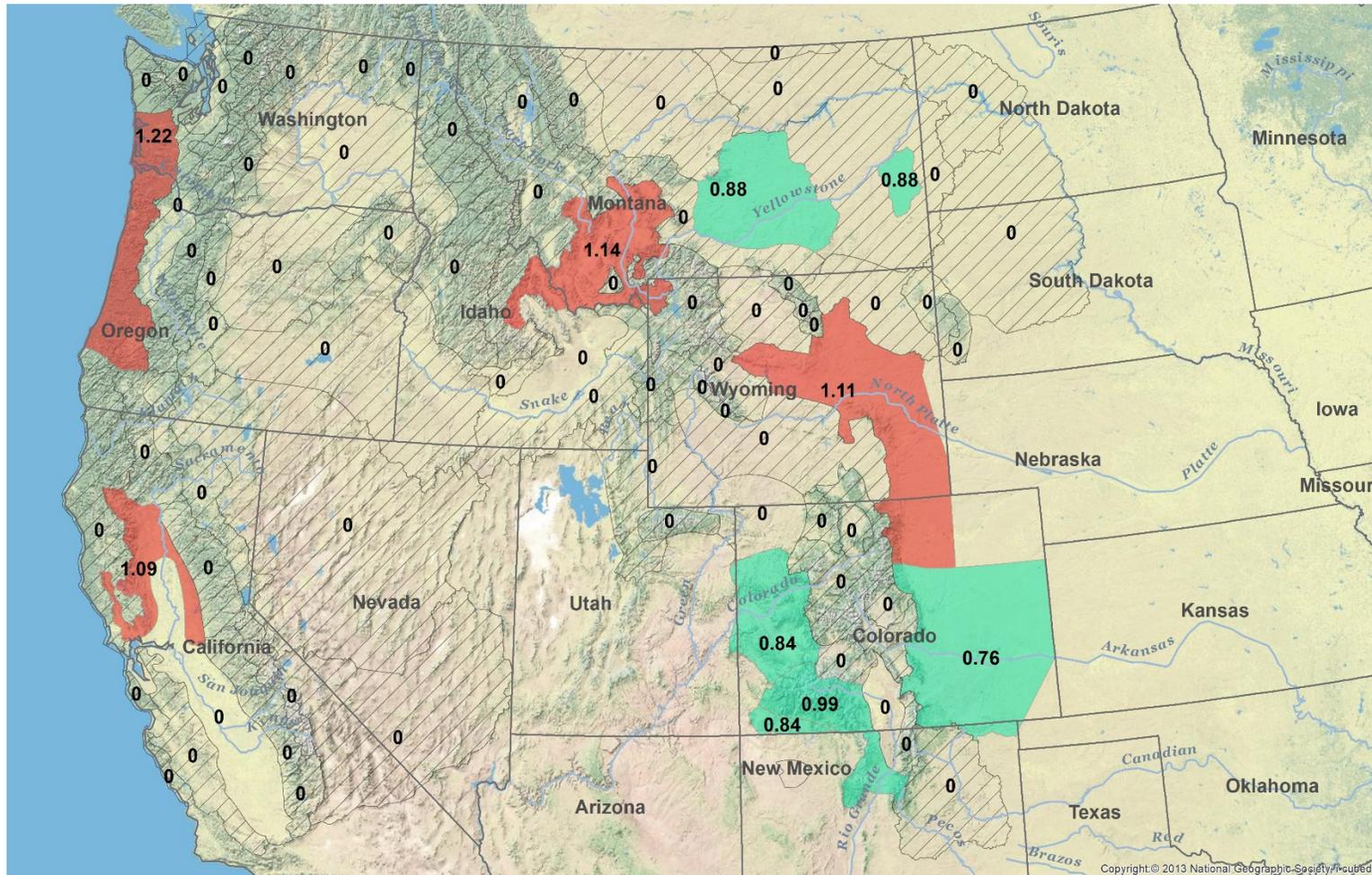


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Significant Temporal Trends in Large Flood Magnitudes

(with estimated magnitude adjustment); red: increasing; green: decreasing



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