

Zonal Flood Potential Plots, with Prediction Equations: Southwest Region

2021-1

19 zones

Months of occurrence for the largest 5% floods also provided in seasonal plots

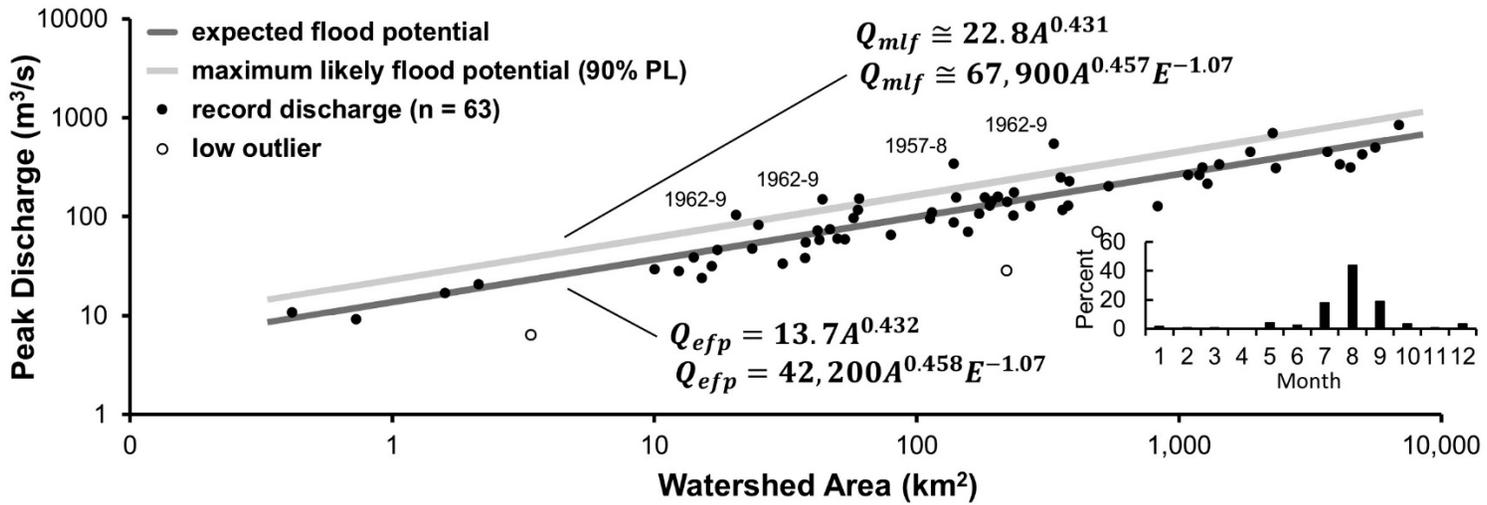


*Flood Potential Plots, Southwest Region
Developed by: Steven Yochum*

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

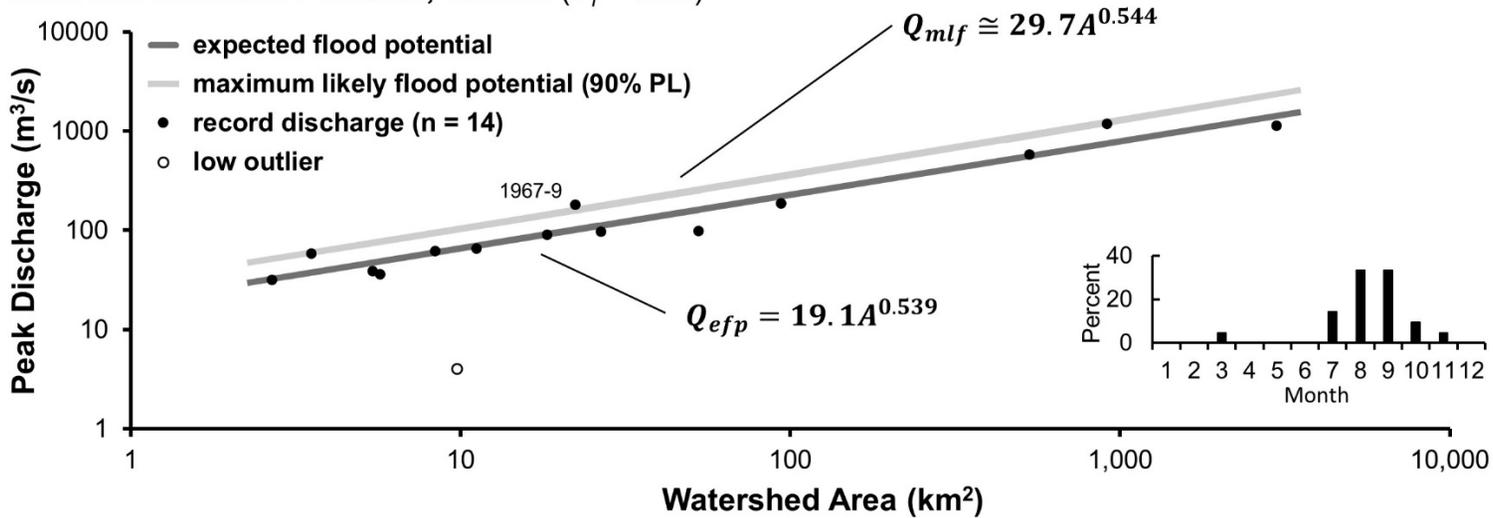
Zone 8: Colorado Plateaus ($P_f = 7.3$)

$R^2 = 0.85; 0.89$

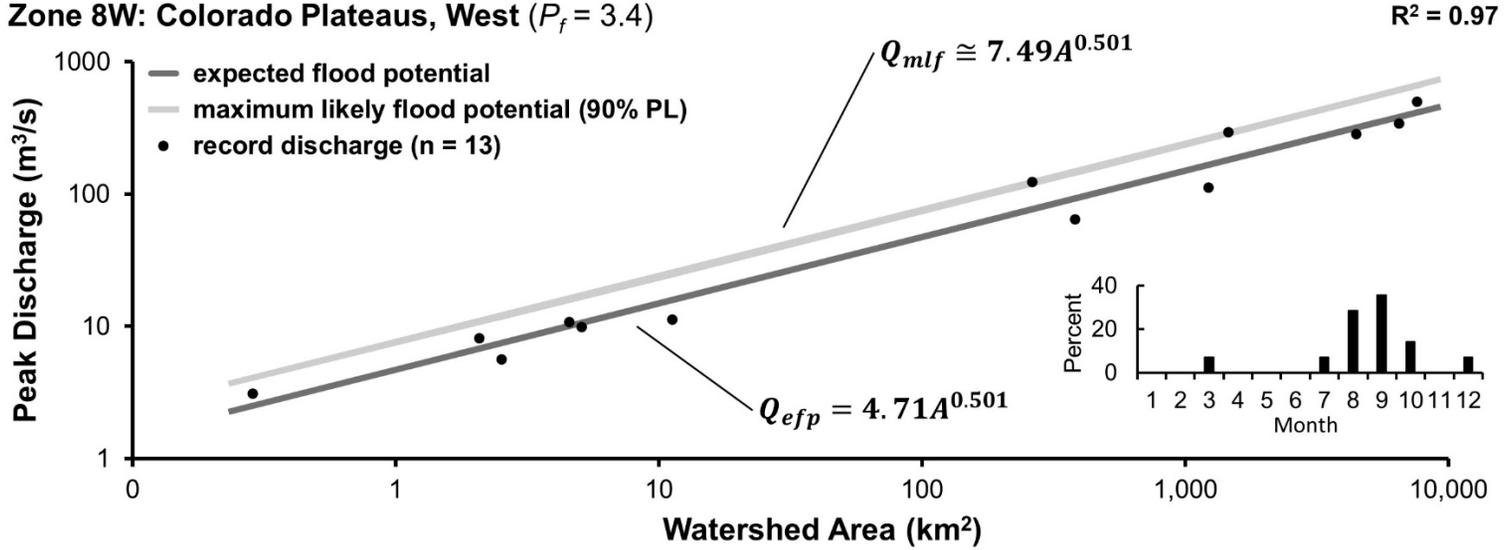


Zone 8C: Colorado Plateaus, Central ($P_f = 16.6$)

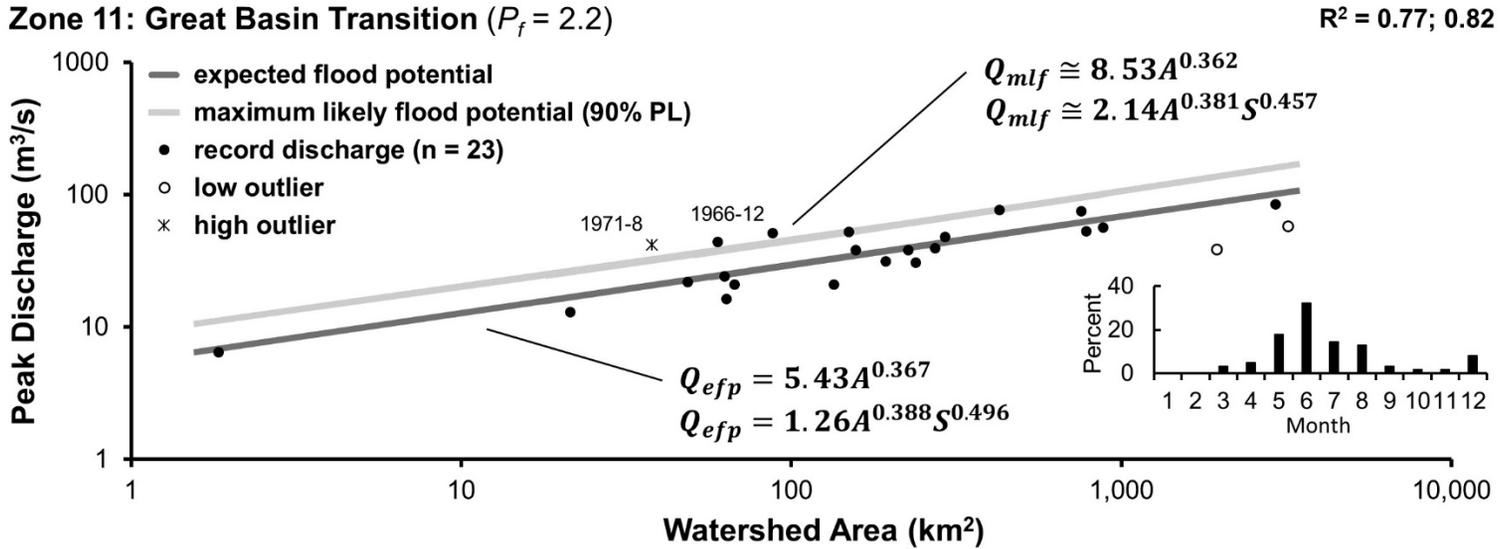
$R^2 = 0.94$



Zone 8W: Colorado Plateaus, West ($P_f = 3.4$)



Zone 11: Great Basin Transition ($P_f = 2.2$)

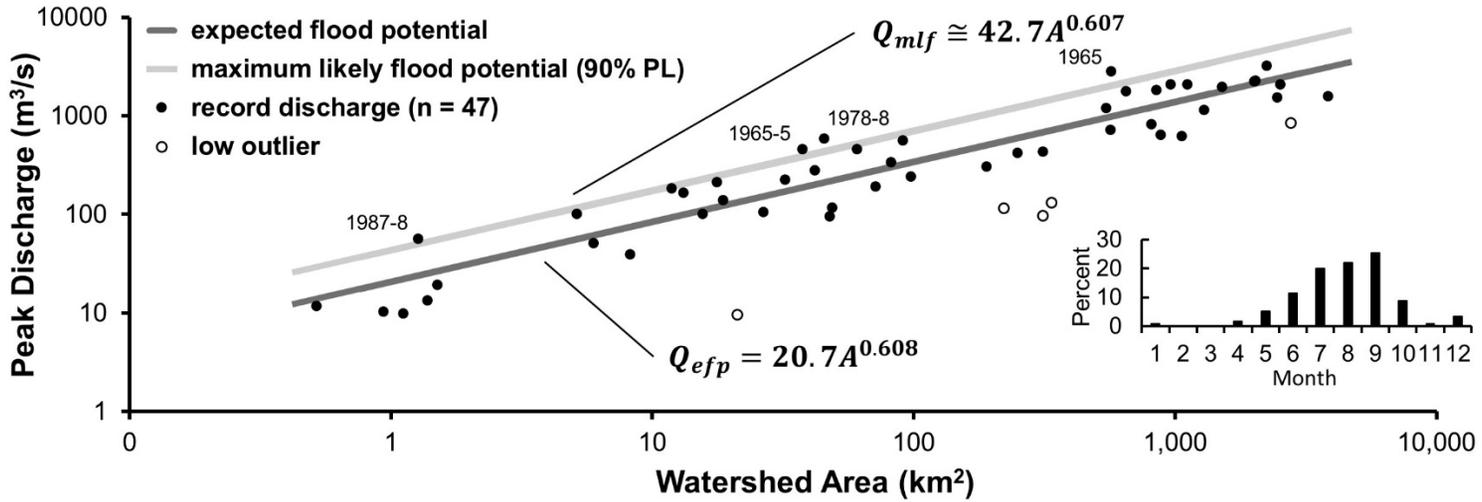


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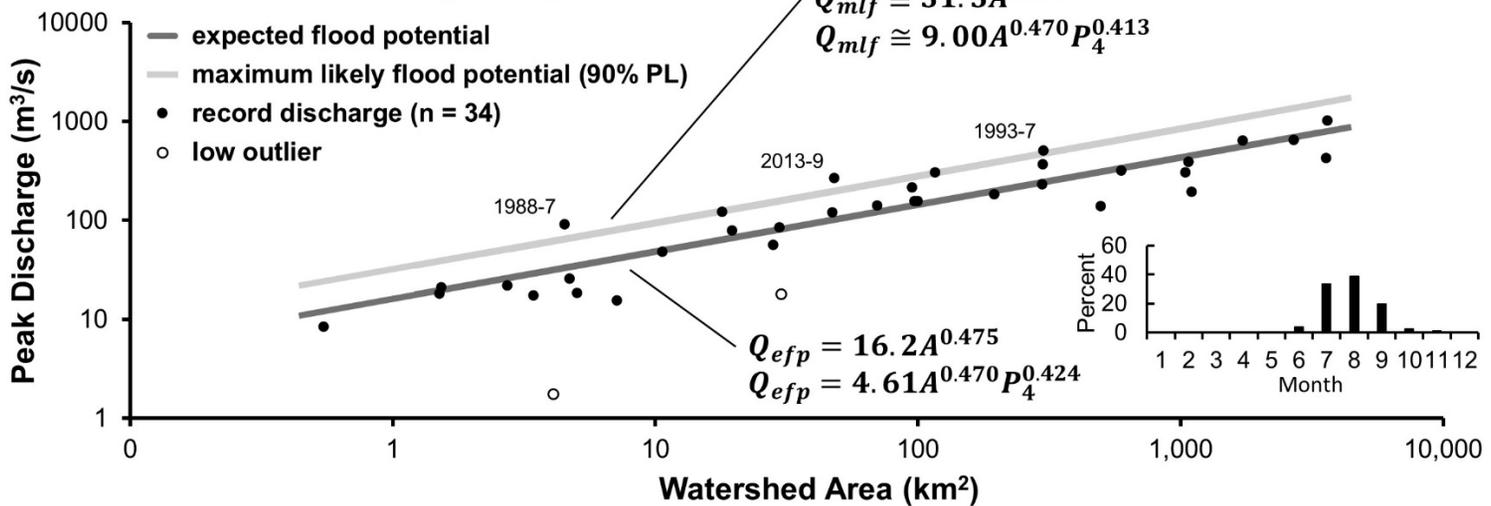
Zone 13: Southwest Transition ($P_f = 25.1$)

$R^2 = 0.89$



Zone 15: Rio Grande Basin ($P_f = 10.5$)

$R^2 = 0.85; 0.87$

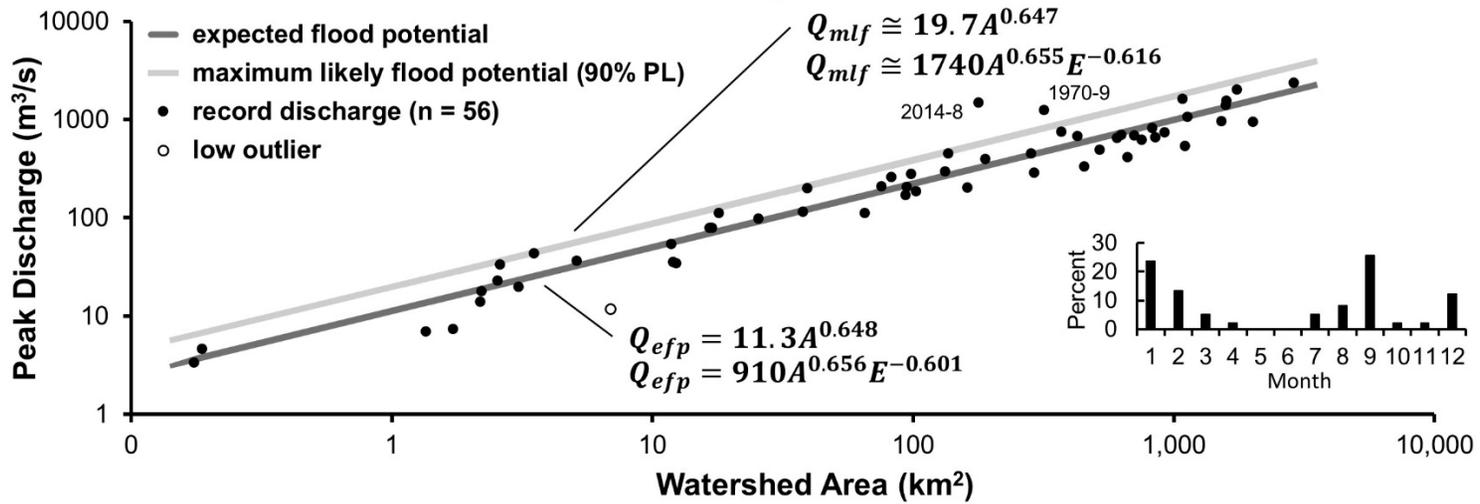


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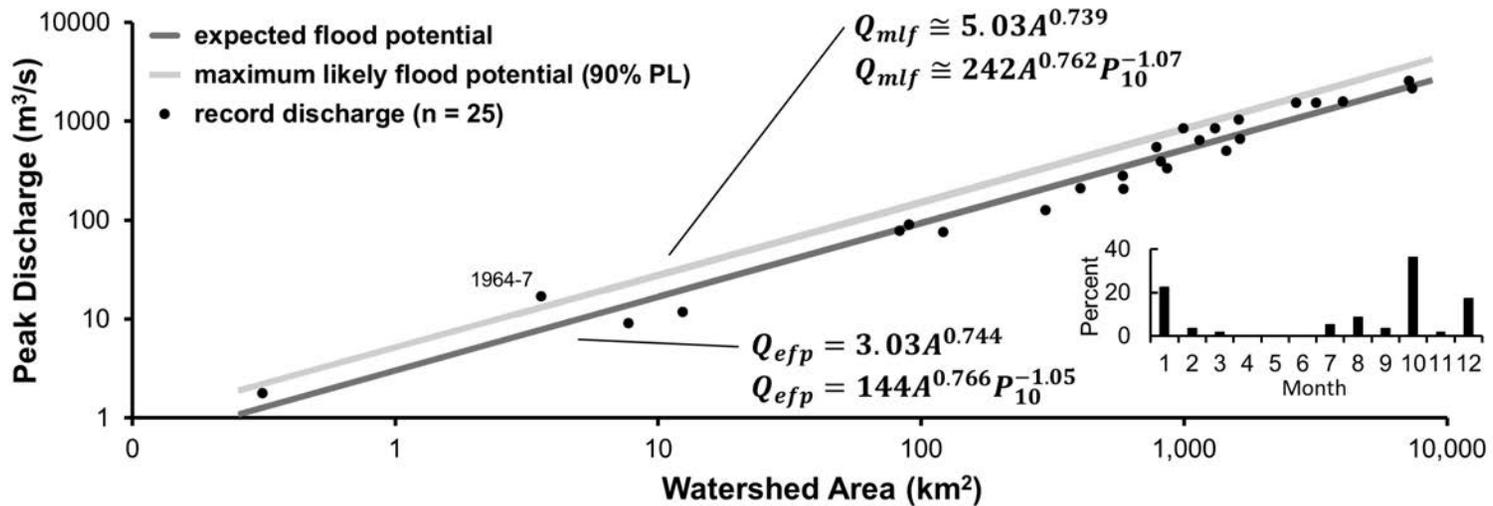
Zone 16: Mexican Highlands (Mogollon Rim Area) ($P_f = 16.8$)

$R^2 = 0.94; 0.94$



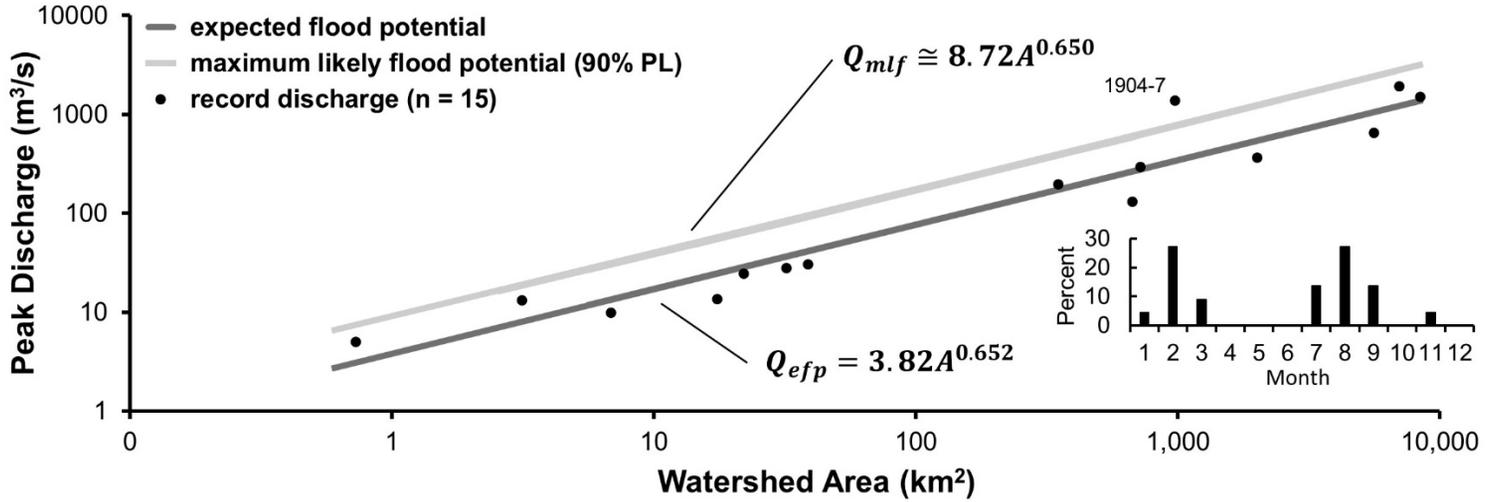
Zone 16E: Mexican Highlands, East ($P_f = 7.5$)

$R^2 = 0.97; 0.97$



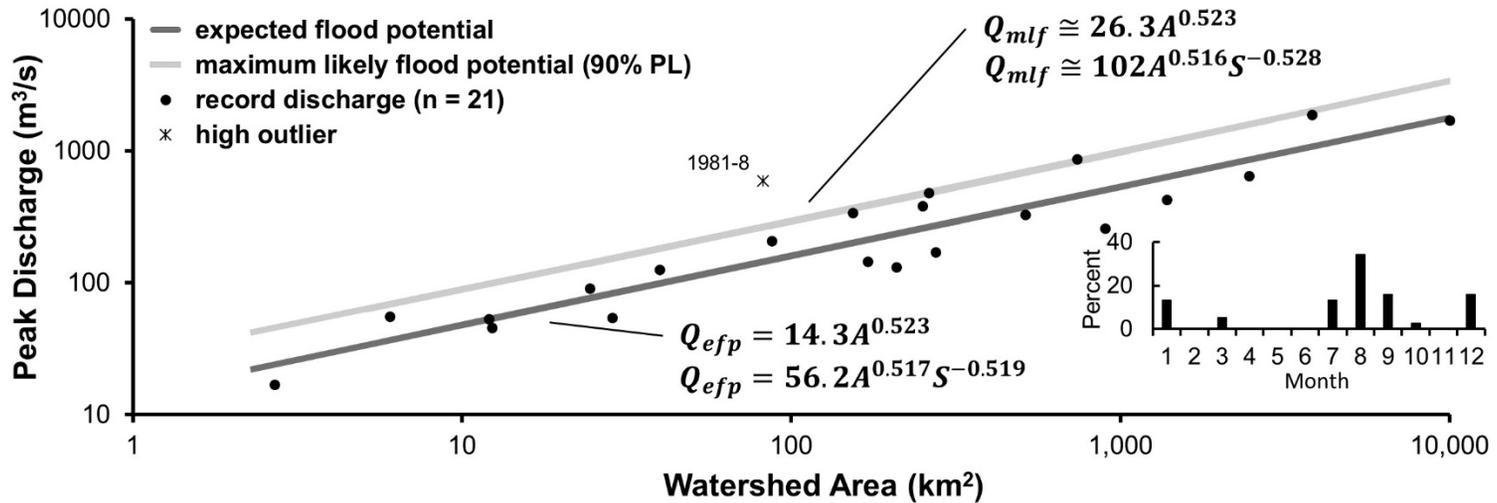
Zone 16NW: Mexican Highlands, Northwest ($P_f = 5.8$)

$R^2 = 0.92$

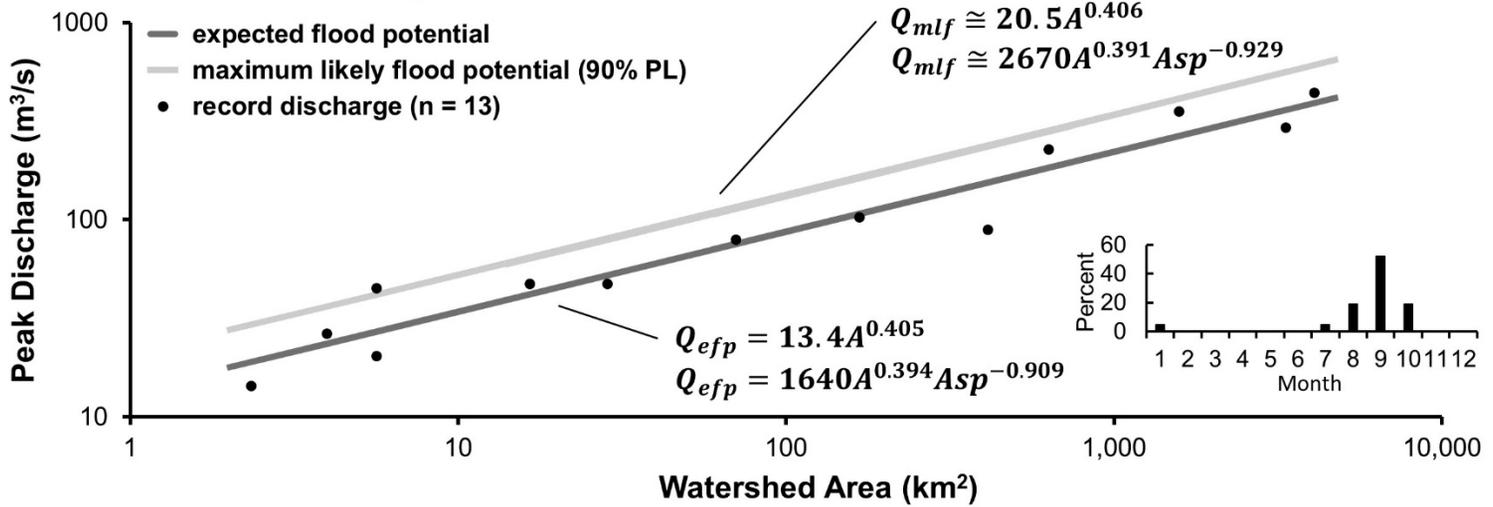


Zone 17: Colorado Plateaus, West Transition ($P_f = 11.6$)

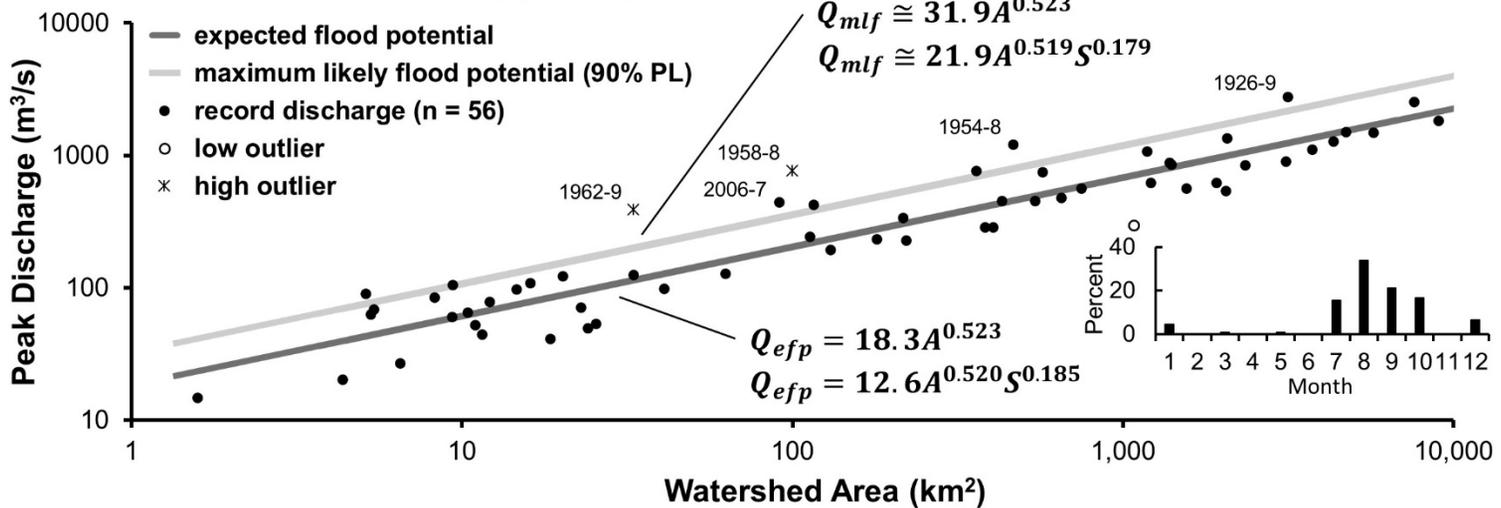
$R^2 = 0.87; 0.89$



Zone 18: Sonoran Desert ($P_f = 6.4$)

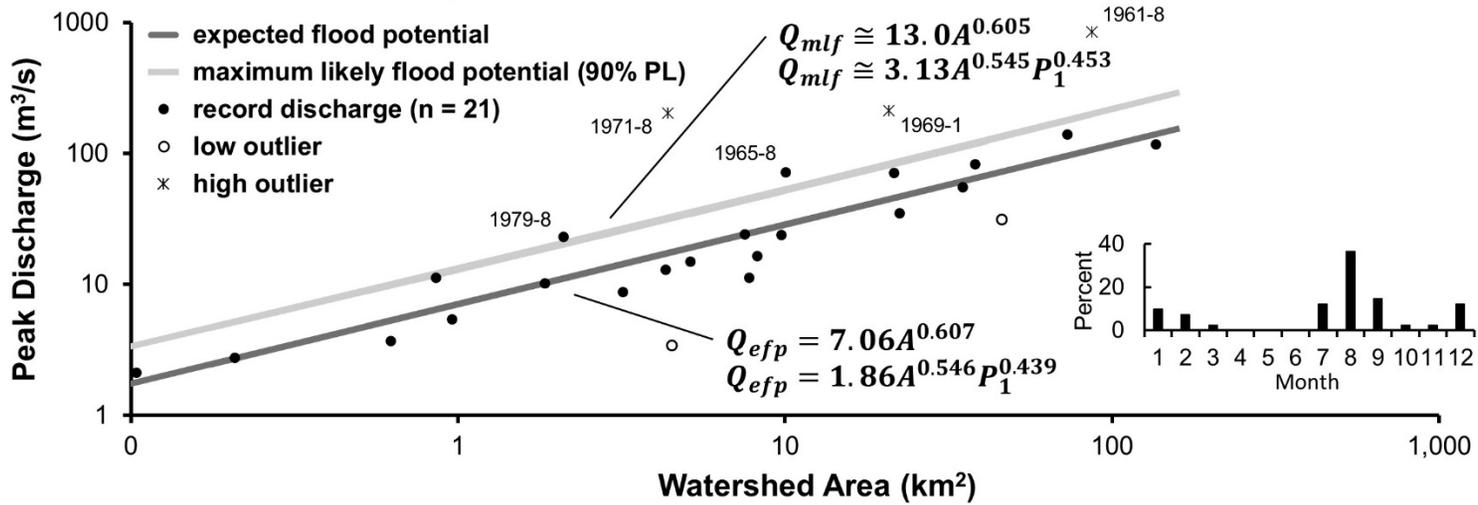


Zone 18E: Sonoran Desert, East ($P_f = 14.7$)



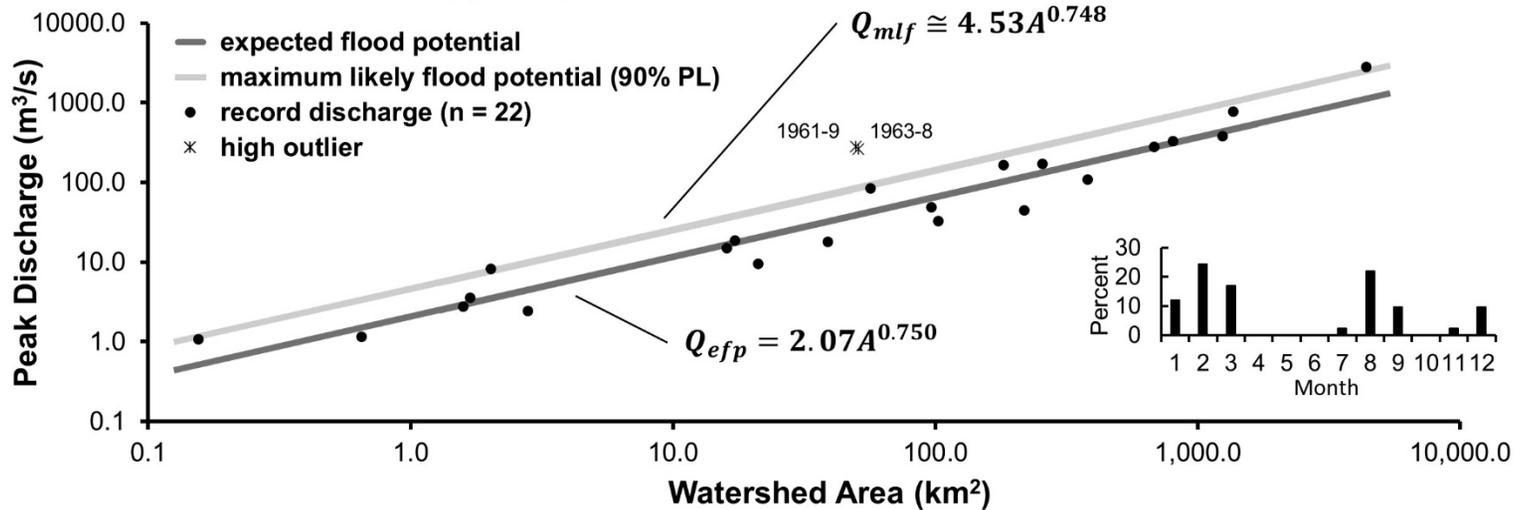
Zone 18NW: Mojave Desert ($P_f = 9.4$)

$R^2 = 0.87; 0.89$



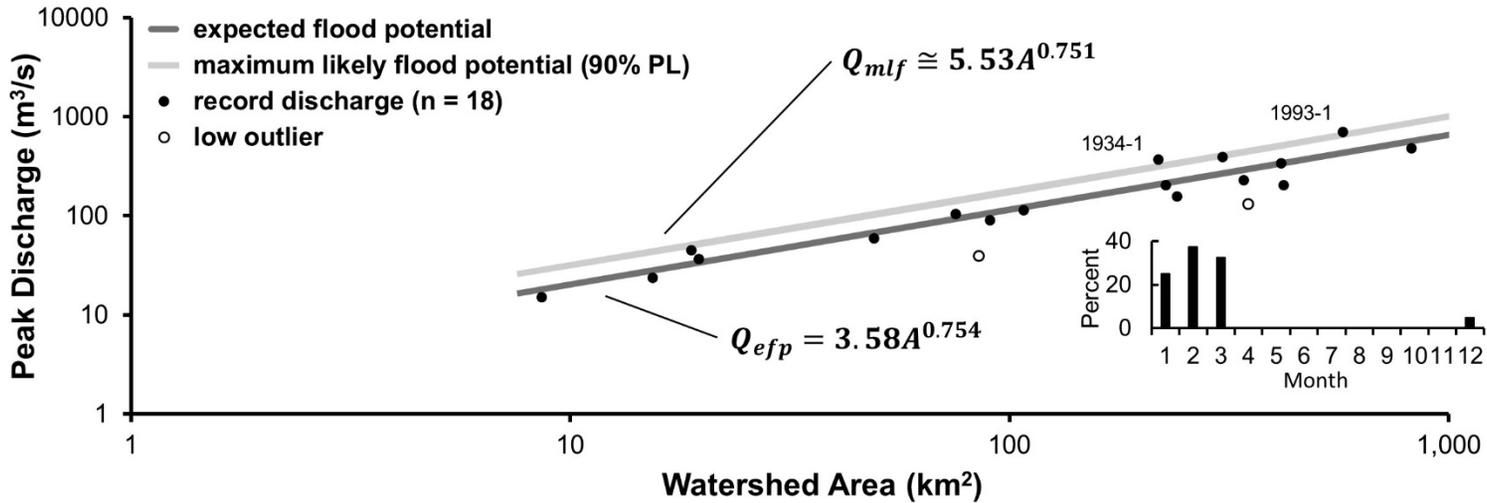
Zone 18W: Desert Transition ($P_f = 5.3$)

$R^2 = 0.93$



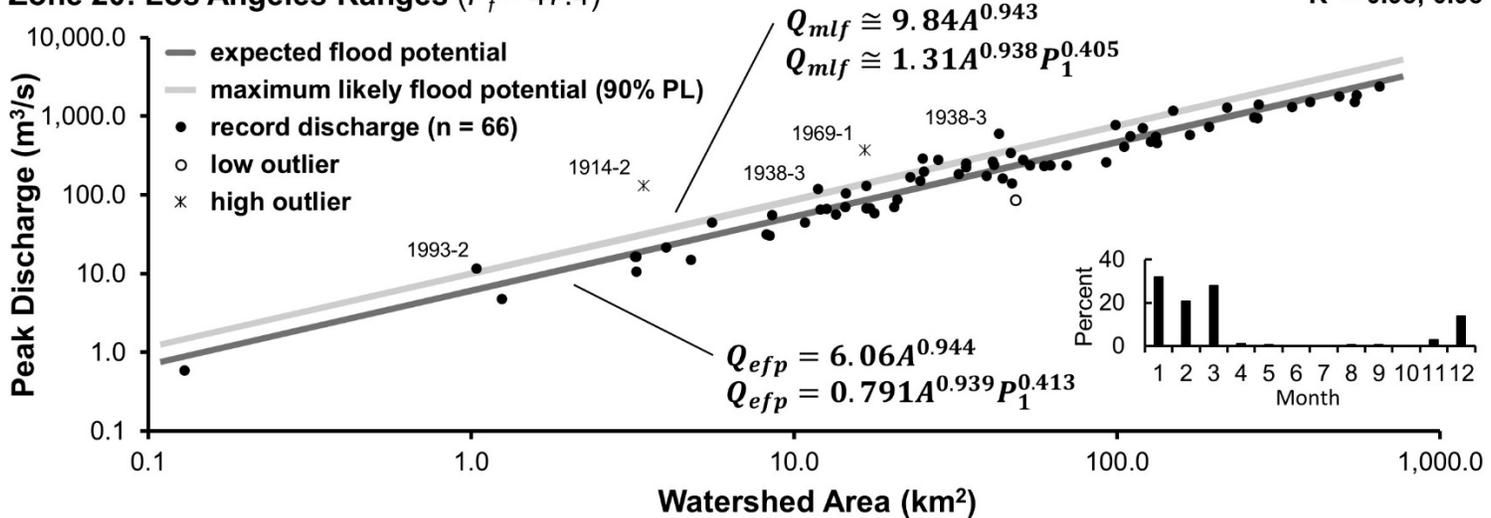
Zone 19: Pacific Transition Basins ($P_f = 9.3$)

$R^2 = 0.93$



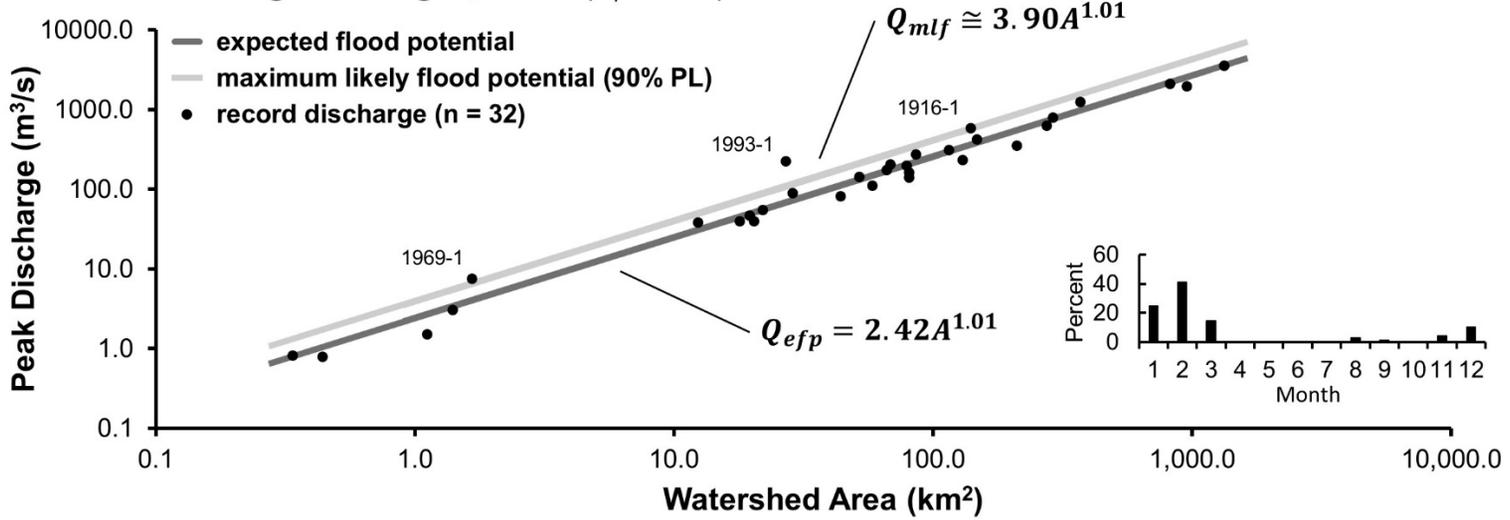
Zone 20: Los Angeles Ranges ($P_f = 47.4$)

$R^2 = 0.95; 0.95$



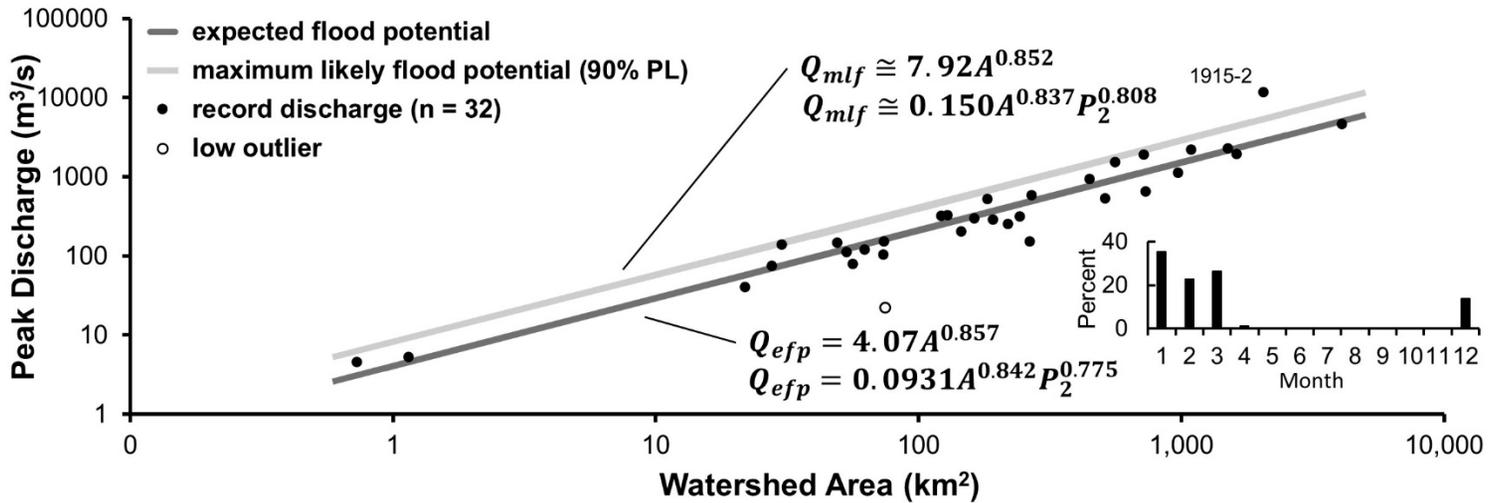
Zone 20S: Los Angeles Ranges, South ($P_f = 29.4$)

$R^2 = 0.97$



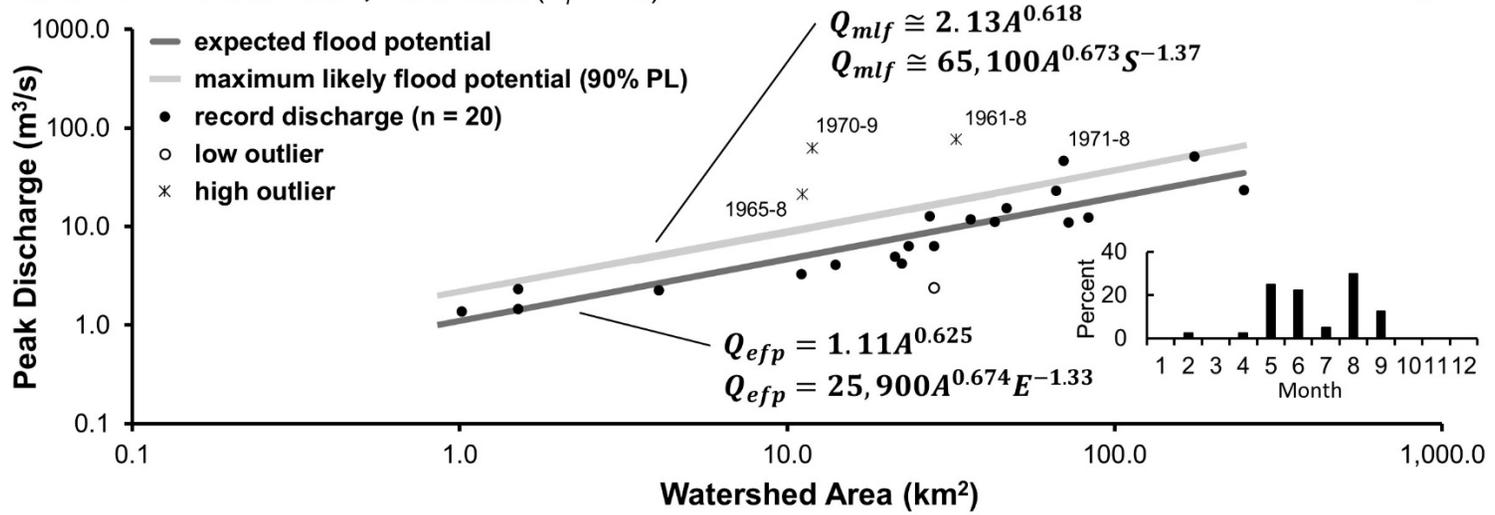
Zone 20N: Los Angeles Ranges, North ($P_f = 18.9$)

$R^2 = 0.92; 0.93$



Zone 21NE: Great Basin, Northeast ($P_f = 1.5$)

$R^2 = 0.82; 0.86$



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