

# Rethinking large scale river routing by leveraging a field-scale resolving land surface model

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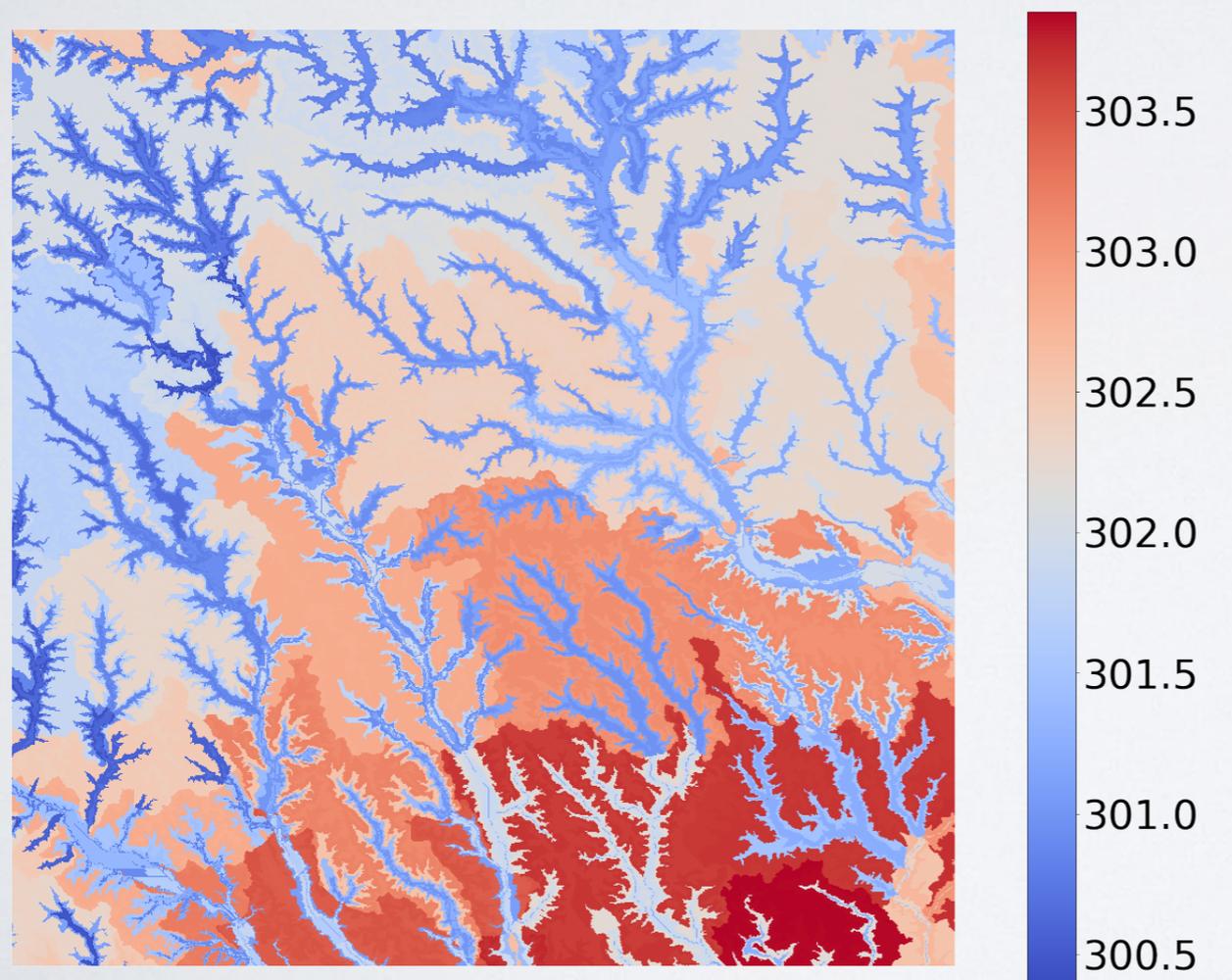
May 7th, 2020



**PRINCETON**  
**UNIVERSITY**

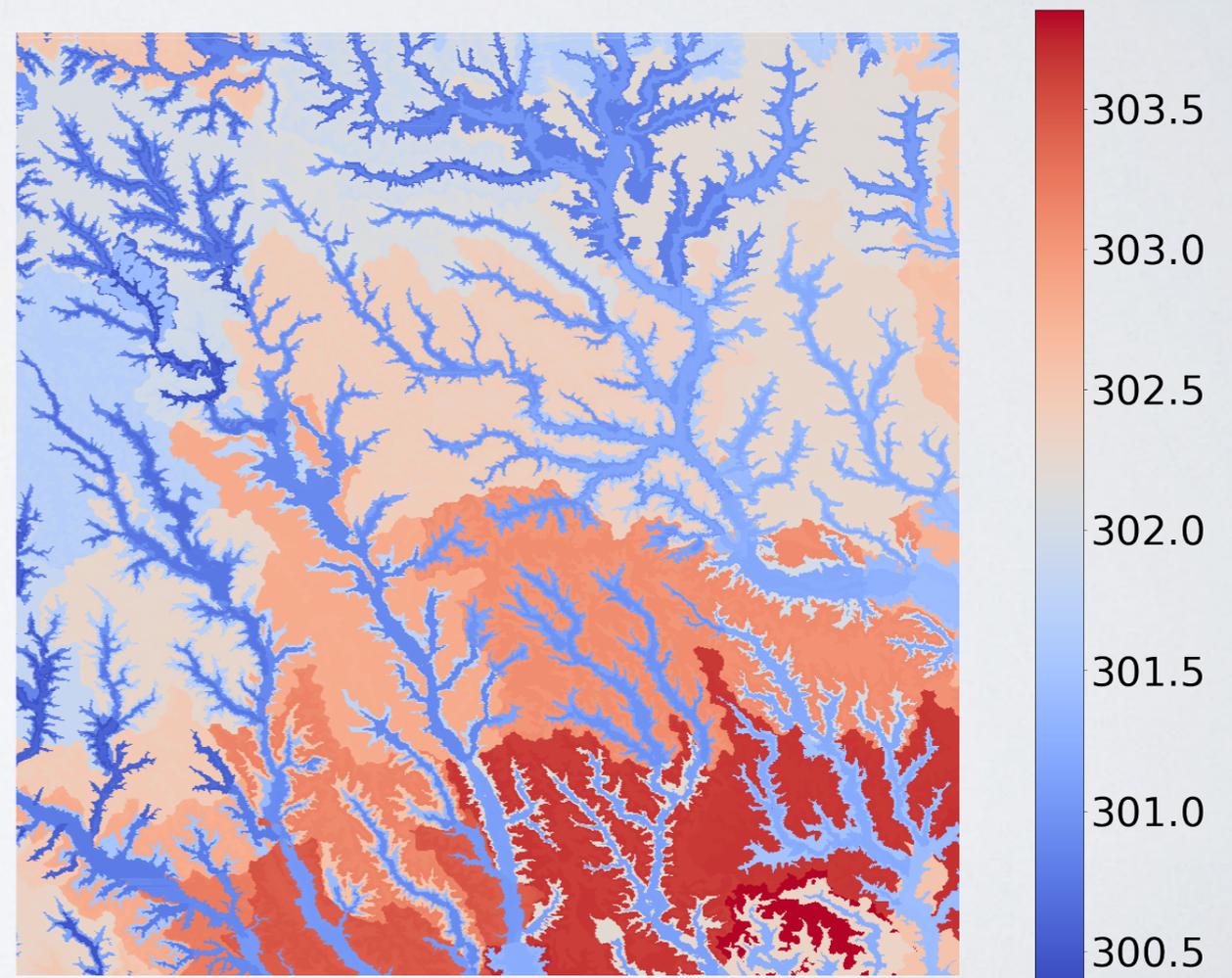
# Simulated 30 meter land surface temperature (July 12, 2017)

Baseline HydroBlocks



K 2

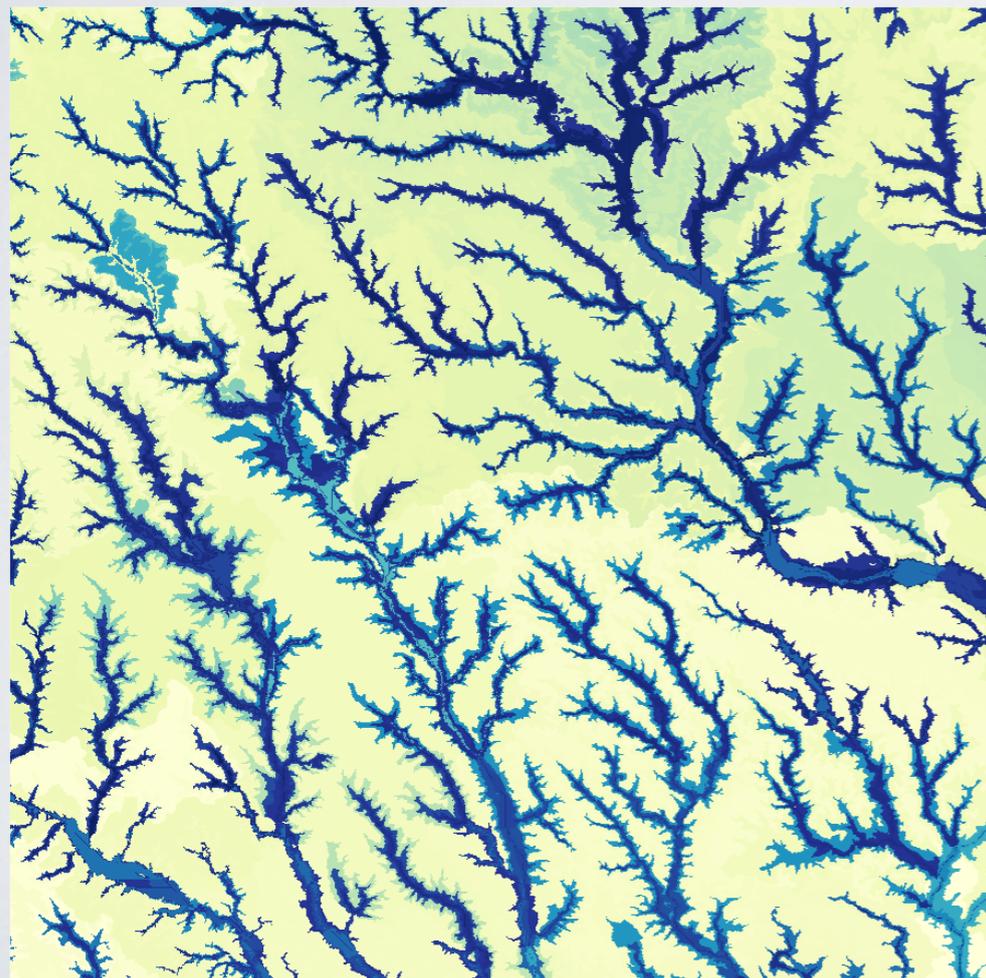
HydroBlocks with river routing



K

# Simulated 30 meter root zone soil moisture (July 12, 2017)

Baseline HydroBlocks



HydroBlocks with river routing

