

DHSVM Model Revision/Update Test Sites

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DHSVM undergoes updating and revision often. To make sure that the model works well in different environments after it has been modified, test sites in different environments are needed. To fulfill the testing purpose, two sites are chosen. These two sites have been worked on before by DHSVM developers and users. These two sites have been known for the fairly good applicability of the DHSVM. The two test sites chosen are rainy creek in Puget Sound, Washington, and Nam Rae Watershed in Northern Thailand. Table-1 shows the main differences of the physical environments of the two basins.

<i>Physical conditions</i>	<i>Rainy Creek</i>	<i>Nam Rae Watershed</i>
Location	Puget Sound, Washington, USA	Chiang mai, Northern Thailand
Climate	Marine-time climate	Tropical monsoon climate
Snow Domination?	Yes	No
Area	44.4 km ²	17 km ²
Soil depth	shallow	deep

Note: This is for public viewers. If you are interested in obtaining the model test sites, please contact DHSVM administrators.