

From: [Campbell, Steve - NRCS, Portland, OR](#)
To: [Doherty, Kevin](#)
Subject: Gridded SSURGO Data
Date: Friday, May 30, 2014 1:02:00 PM

Hello Kevin,

It was good to talk with you about your sage grouse modeling project. Information about the gridded SSURGO product I mentioned is at this site:

http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=NRCS142P2_053628

The gSSURGO "Valu" table contains soil available water storage data for a number of different depth intervals. The data is aggregated as a weighted average value for the mapunit, so can be joined directly to either the 10-meter raster dataset or polygon feature class in the gSSURGO file geodatabase. The available water storage data for the 0-100 cm depth (aws0_100) would probably be a good choice since the majority of the plant roots will occur in this depth range, and the values will reflect differences caused by depth to bedrock or other root-restricting material.

The gSSURGO file geodatabases are available for download by State at the Geospatial Data Gateway (<http://datagateway.nrcs.usda.gov/>). You can also obtain seamless gSSURGO for the Conterminous US by sending an external hard drive to the contact person at this link:

<http://datagateway.nrcs.usda.gov/Catalog/ProductDescription/GSSURGOus.html>

I will get the DVD with the soil temperature and moisture regime data in the mail to you.

Please feel free to contact me if you have any questions. Thanks.

Steve

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