

BOREAS FOLLOW-ON DSP-10 REGRIDDED PEATLAND MAPS

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**Data Citation:**

DSP-10 RegridDED Peatland Maps. Data set. Available on-line [<http://daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A.

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**Processing:**

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**Regridded derived from the polygon-based Peatlands of Canada Database pixel size in a straight latitude/longitude grid. We assume that many grid cells partially include water bodies, we also include an corner of the coverage has no data.**

These images were produced by aggregating 1' gridded data layers derived from the polygon-based Peatlands of Canada Database (Tarnocai et al., 2000) to a 0.5 degree by 0.5 degree (or 30' by 30') pixel size in a straight latitude/longitude grid. We assume that the peatlands are equally distributed within each polygon. Because many grid cells partially include water bodies, we also include an aggregated image of percentage of water. A portion of the southwest corner of the coverage has no data.

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**Image Specifications**

might not be 100 for a given pixel because of rounding. Files are also available in ASCII format.

## ORNL DAAC BOREAS FOLLOW-ON DSP-10 REGRIDDED PEATLAND MAPS

Peatland Maps, 30 minutes
bog_30min.img, bog_30min.asc
fen_30min.img, fen_30min.asc
total_30min.img, total_30min.asc
water_30min.img, water_30min.asc
nodata_30min.img, nodata_30min.asc

The peatland spatial cover (Tarnocai et al., 2000) is a simple cover of peatland types and their distribution related to each polygon. The aggregated images listed above correspond to the attributes associated with each polygon as follows:

PEAT-ID (Polygon ID)

BOG\_PCT (Percentage of bog in polygon)

FEN\_PCT (Percentage of fen in polygon)

TOTAL (Percentage of peatland in polygon)

TYPE (Dominant peatland type: bog, fen, bog & fen, water body)

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### Spatial Coverage

identical to the upper left corner of Val's regional data set.

Corner	X	Y	Longitude	Latitude
Upper Left	242.697	675.191	107°00'00.00" W	57°00'00.00" N
Upper Right	903.583	765.939	96°00'00.00" W	56°00'00.00" N
Lower Left	274.686	119.043	107°00'00.00" W	52°00'00.00" N
Lower Right	1022.683	221.752	96°00'00.00" W	52°00'00.00" N

The X and Y coordinates are the BOREAS grid coordinates which are based on an Albers Equal Area Conic (AEAC) projection with the following parameters:

Origin: 111.00 deg W, 51.00 deg N  
Standard Parallels: 52.5 deg N, 58.5 deg N  
Units of Measure: kilometers

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### References:

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