

**From:** Merluccio, Juliana  
**To:** Hoy, David  
**Cc:** BrownScott, Jennifer; Thomas, Sue  
**Subject:** Re: Lidar data for DNWR?  
**Date:** Tuesday, February 12, 2019 11:56:01 AM  
**Importance:** High

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Hi Dave,

I checked out that website and it doesn't seem to be what we need. What we were actually looking for is bathymetry of Dungeness Bay, we want to figure out where certain tide levels would be, namely +5, +3 and -2ft. I found [this](#) Bathymetry data from NOAA but not much data is available for the Bay. I downloaded what was available but the files are in .nc (NetCDF?) and I can't seem to convert them to a raster. I also have a DEM hillshade file but when I tried to make contours they seemed off. I haven't worked with elevation data much so I'm not very confident in the process, Jennifer and Sue need this info by Thursday so I don't have much time to dive into the web on this. Can you provide any assistance or guidance? I did look through the FWS geospatial homepage, the GIS X drive and our data for bathymetry layers but I can't find anything.

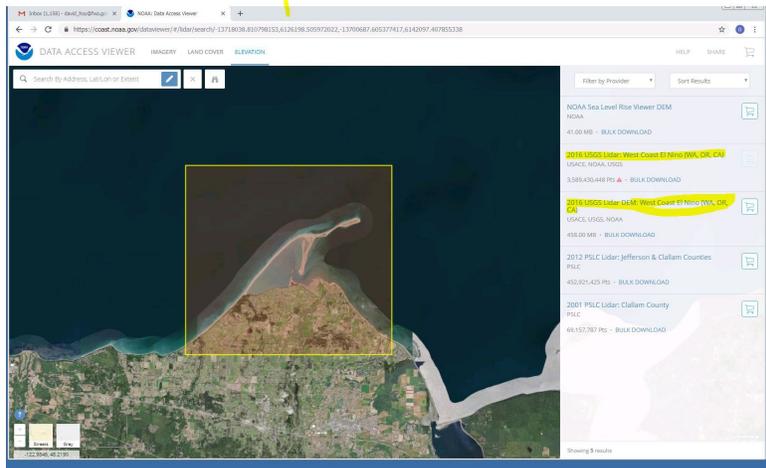
Thanks for your time and consideration.

Juliana

On Tue, Feb 5, 2019 at 2:23 PM Hoy, David <[david\\_hoy@fws.gov](mailto:david_hoy@fws.gov)> wrote:

Sue, the NOAA digital Coast site has 2016 LIDAR/DEM data sets ready for download. We don't have this one one file yet, we do have the 2012 lidar for the Dawley tract tho.

<https://coast.noaa.gov/dataviewer/#/lidar/search/-13718038.810798153,6126198.505972022,-13700687.605377417,6142097.407855338/>



Dave

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On Tue, Feb 5, 2019 at 1:37 PM Thomas, Sue <[sue\\_thomas@fws.gov](mailto:sue_thomas@fws.gov)> wrote:

Hi there Dave,

We are working on a briefing for the RD on a proposed aquaculture project on Dungeness NWR and are looking for the most complete and up-to-date Lidar data, particularly for the south/harbor side of Dungeness Spit. I seem to remember speaking to you about a project to collect that data on the refuge a few years ago, but can't recall when that was or who collected it. Do you know?

If so, Juliana Merlucio, or star GIS specialist, is working on that portion of the presentation and currently searching for info online.  
Can you direct her to the best database?

Thanks,  
Sue

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