

**From:** [John C. Downen](#)  
**To:** [Martini, Jay](#)  
**Subject:** RE: Greater sage-grouse map  
**Date:** Tuesday, February 24, 2015 3:52:28 PM

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Thanks, Jay. And thanks for taking time to talk with us this morning.

Best,  
John

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**From:** Martini, Jay [mailto:[jay\\_martini@fws.gov](mailto:jay_martini@fws.gov)]  
**Sent:** Tuesday, February 24, 2015 9:25 AM  
**To:** Levi Pace  
**Cc:** Jan Elise Stambro; John C Downen  
**Subject:** Re: Greater sage-grouse map

<http://utahdnr.maps.arcgis.com/apps/Viewer/index.html?appid=0ed5494214cc4ea98b614a72477fe67b>

On Mon, Feb 23, 2015 at 2:20 PM, Levi Pace <[levi.pace@utah.edu](mailto:levi.pace@utah.edu)> wrote:  
Jay,

Our office is attempting to document land use activities in greater sage-grouse habitat in Utah. Could you give us some direction about which habitat map would be advisable for that purpose? When I called, Diane said you were on the other line but gave me your name as the wildlife biologist for sage-grouse.

We're trying to understand exactly what parts of Utah the Fish and Wildlife Service considers likely to have new restrictions if there is an ESA listing. We wonder whether to expect protections affecting land use in potential or historic habitat outside of the currently occupied range in Utah.

As you can see in the attached map, we have shapefiles for current and historic range from the U.S. Fish and Wildlife Service's 2015 status review and Schroeder (2004). From Utah's Division of Wildlife Resources, we have shapefiles for leks, state Sage-Grouse Management Areas (SGMAs), and habitat (winter, occupied, brood). We're trying to decide which of these layers or what combination of

them best represents where land use could be impacted by a greater sage-grouse listing.

I look forward to hearing from you.

Thanks,  
Levi

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