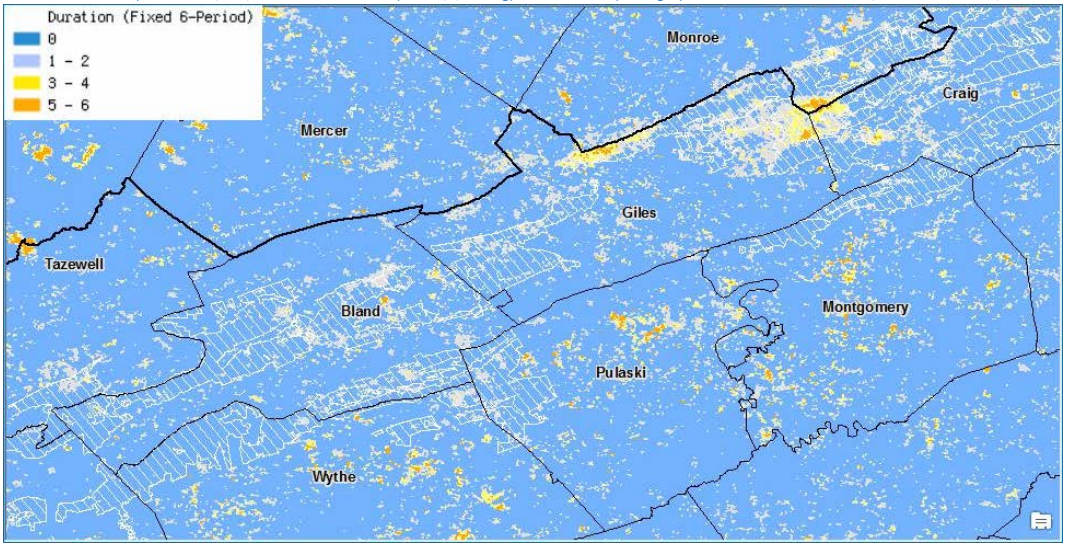
From: Christie, William M -FS
To: Asaro, Christopher - FS
Cc: Norman, Steve -FS; Joseph P. (SSC-NASA) Spruce (j_spruce@outlook.com); Hargrove, William W -FS; hnw@geobabble.org (hnw@geobabble.org)
Subject: ForWarn: Jefferson NF and vicinity
Date: Thursday, July 21, 2016 3:30:00 PM
Attachments: image010.png
image015.png
image018.png
image019.png
image023.png
image029.png
image030.png

Hey Chris,

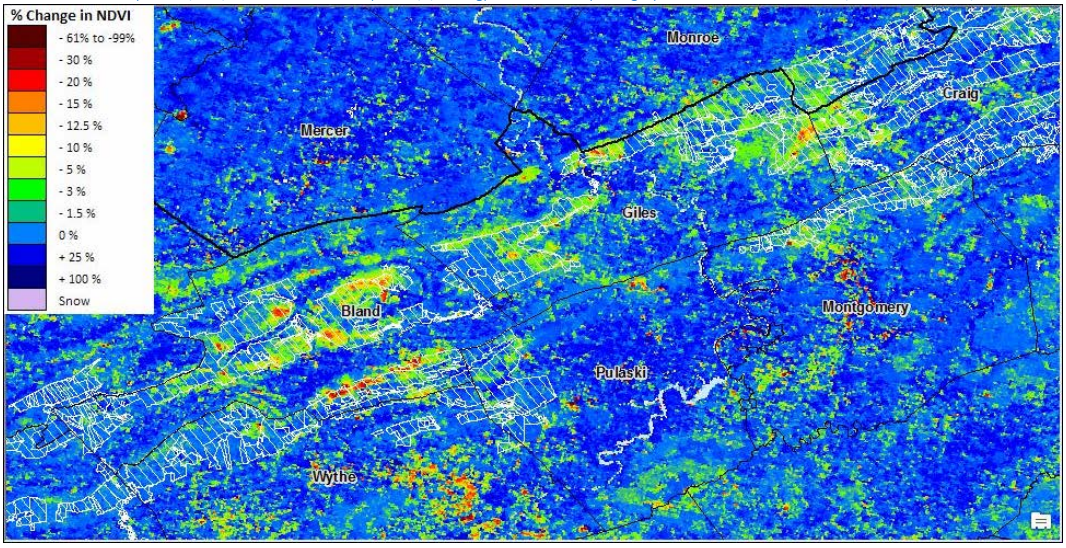
ForWarn is picking up an expanding area of NDVI departure that may potentially be due to gypsy moth (GM) in the Jefferson National Forest.

Immediately below is a new *ForWarn* 'Duration' product for this spring. This product sums negative NDVI departure >= -3% during the period from May 8 through June 17. I am including this to put in context departure in Craig and Giles Counties, VA and Monroe County, WV that we believe was caused by recent severe weather occurring near the end of this duration products' timeframe (circled in orange). I'm highlighting the area because in successive '8-day' forest change images that follow, interpretation may be complicated by clouds (and potential GM) in the 07/10/2016 1yr baseline image (area circled in red). FS surface ownership lands are depicted by white hatch symbology.

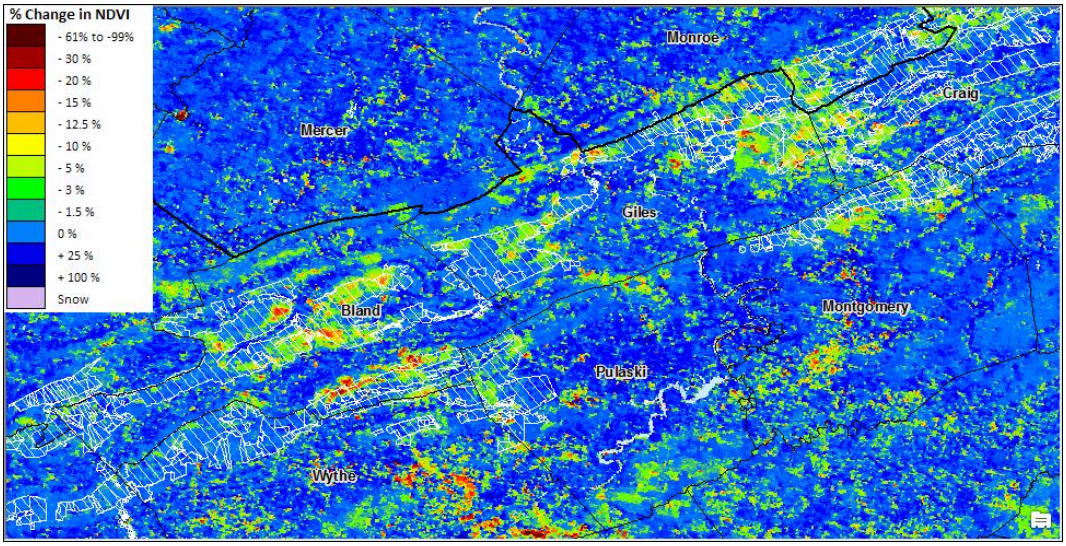
Duration (@ -3% departure), fixed 6-period, May 8 through June 17, 2016:
http://forwarn.forestthreats.org/fcav2/?theme=Duration&layers=DUSAK,AAB,AAD&mask=Forest&alphas=1,1,1&accgp=G04&basemap=Imagery&extent=-9121076.0097316,4435869.3332641,-8886261.4588394,4536613.336544



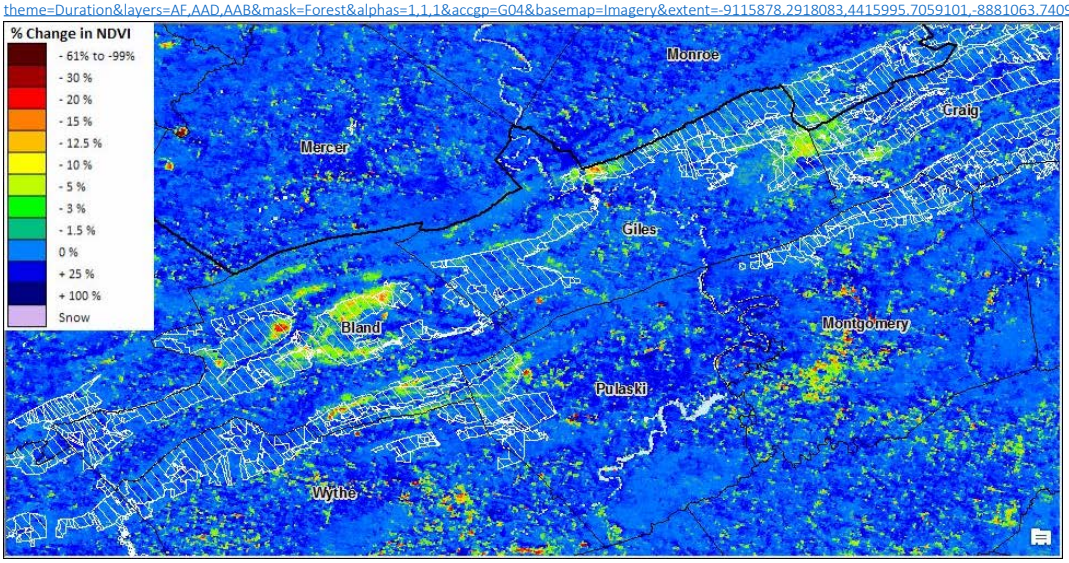
1yr change, date ending 07/18/2016:
http://forwarn.forestthreats.org/fcav2/?theme=Duration&layers=AD,AAD,AAB&mask=Forest&alphas=1,1,1&accgp=G04&basemap=Imagery&extent=-9115878.2918083,4415995.7059101,-8881063.7409161,4516739.70919



1yr change, date ending 07/10/2016:
http://forwarn.forestthreats.org/fcav2/?theme=Duration&layers=AE,AAB,AAD&mask=Forest&alphas=1,1,1&accgp=G04&basemap=Imagery&extent=-9115878.2918083,4415995.7059101,-8881063.7409161,4516739.70919



1yr change, date ending 07/02/2016:
http://forwarn.forestthreats.org/fcav2/?theme=Duration&layers=AF,AAD,AAB&mask=Forest&alphas=1,1,1&accgp=G04&basemap=Imagery&extent=-9115878.2918083,4415995.7059101,-8881063.7409161,4516739.70919



Do you have a forest health/silvicultural poc(s) for the Jefferson NF, for these areas?

Feel free to forward this to those on the Jefferson-GWNF and VA DOF poc's that may have interest.

Thanks Chris,

Bill C.

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