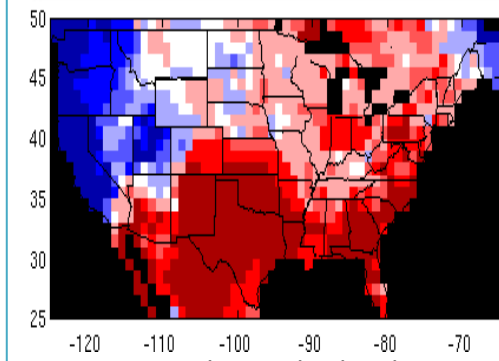
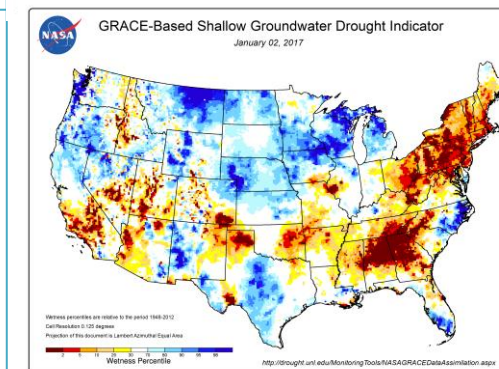
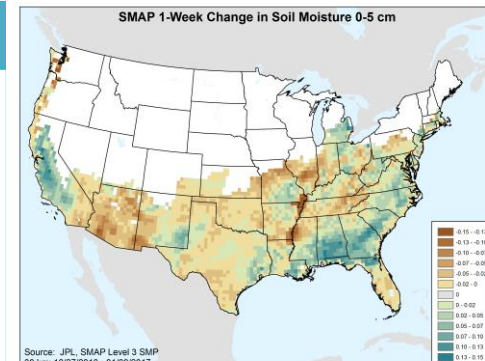


NASA Products and the U. S. Drought Monitor



Mission	Product(s)	Source	Status	POC
Soil Moisture Active Passive (SMAP)	Difference between mean soil moisture at: <ul style="list-style-type: none"> • one week, • one month, and • three months 	Soil moisture passive Level 3 (L3_SM_P)	Produced on a regular basis. Under evaluation by USDM drought author.	Narendra Das, NASA-JPL nndas@jpl.nasa.gov
Gravity Recovery and Climate Experiment (GRACE)	<ul style="list-style-type: none"> • Groundwater percentile • Root zone soil moisture percentile • Surface soil moisture percentile 	Terrestrial water storage. Combines GRACE TWS with meteorological and modeled data to derive NDMC products.	Produced on a regular basis. Under evaluation by USDM drought authors.	Matt Rodell, NASA-GSFC Matthew.Rodell@nasa.gov
Atmospheric Infrared Sounder (AIRS)	<ul style="list-style-type: none"> • Near-surface temperature percentile • Near-surface relative humidity percentile • Near-surface vapor pressure deficit (VPD) percentile 	<ul style="list-style-type: none"> • Surface air temperature • Near surface relative humidity 	Products under evaluation by AIRS project. To NDMC 2017 Q1 for evaluation by USDM authors	Ali Behrangi, NASA-JPL Ali.Behrangi@jpl.nasa.gov Stephanie Granger sgranger@jpl.nasa.gov



AIRS 3-Month Standardized VPD, 2011