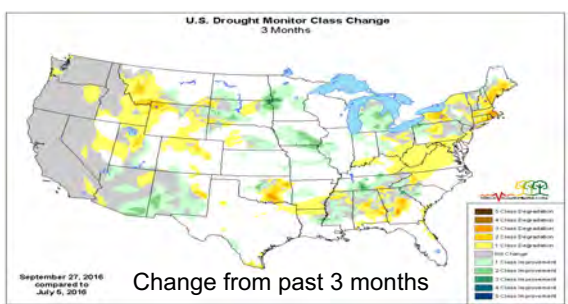
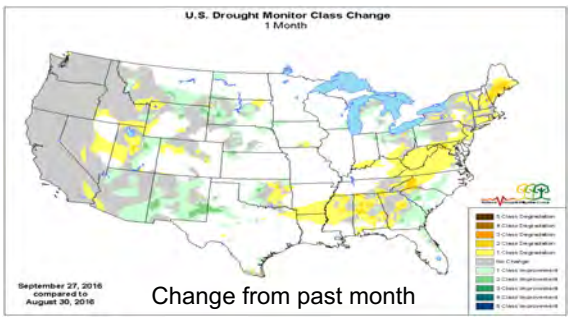
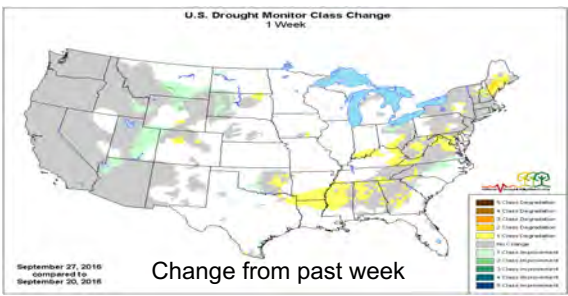


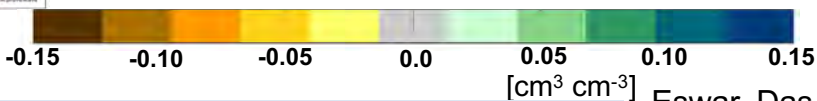
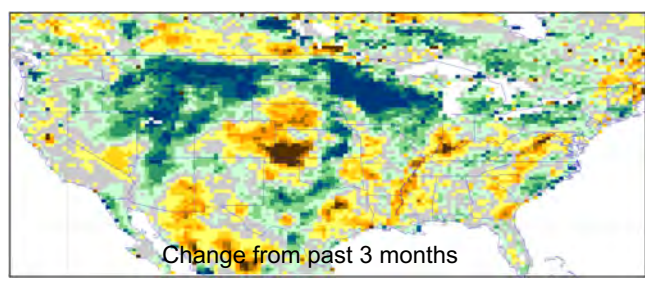
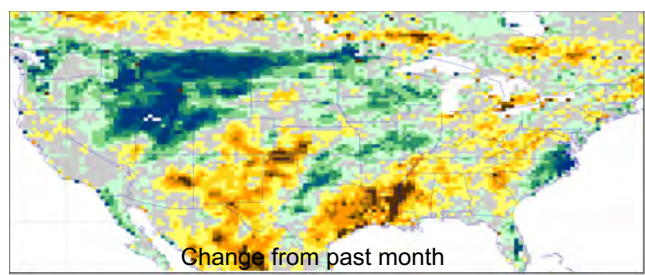
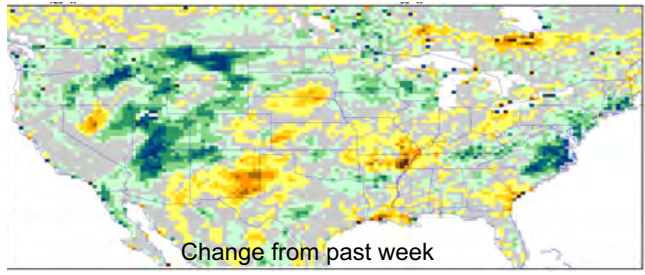
SMAP Data Used For Operational Drought Extent and Recovery Assessment



US Drought Monitor Change Maps



Soil Moisture Change From SMAP



Problem: National Drought Mitigation Center (NDMC) provides information to State Climatologists who issues maps of drought severity and its recovery status using model soil moisture.

Finding: The SMAP Soil Moisture Change Maps provide NDMC broader coverage and complement the its operational *US Drought Monitor* product.

Impact: SMAP provide direct mapping of soil moisture changes governing drought extent and recovery

Eswar, Das, Poulsen, Behrangi, Swigart, Svoboda, Entekhabi, Yueh, Doorn, Entin, 2019: SMAP soil moisture change as an indicator of drought conditions. *Remote Sensing*.