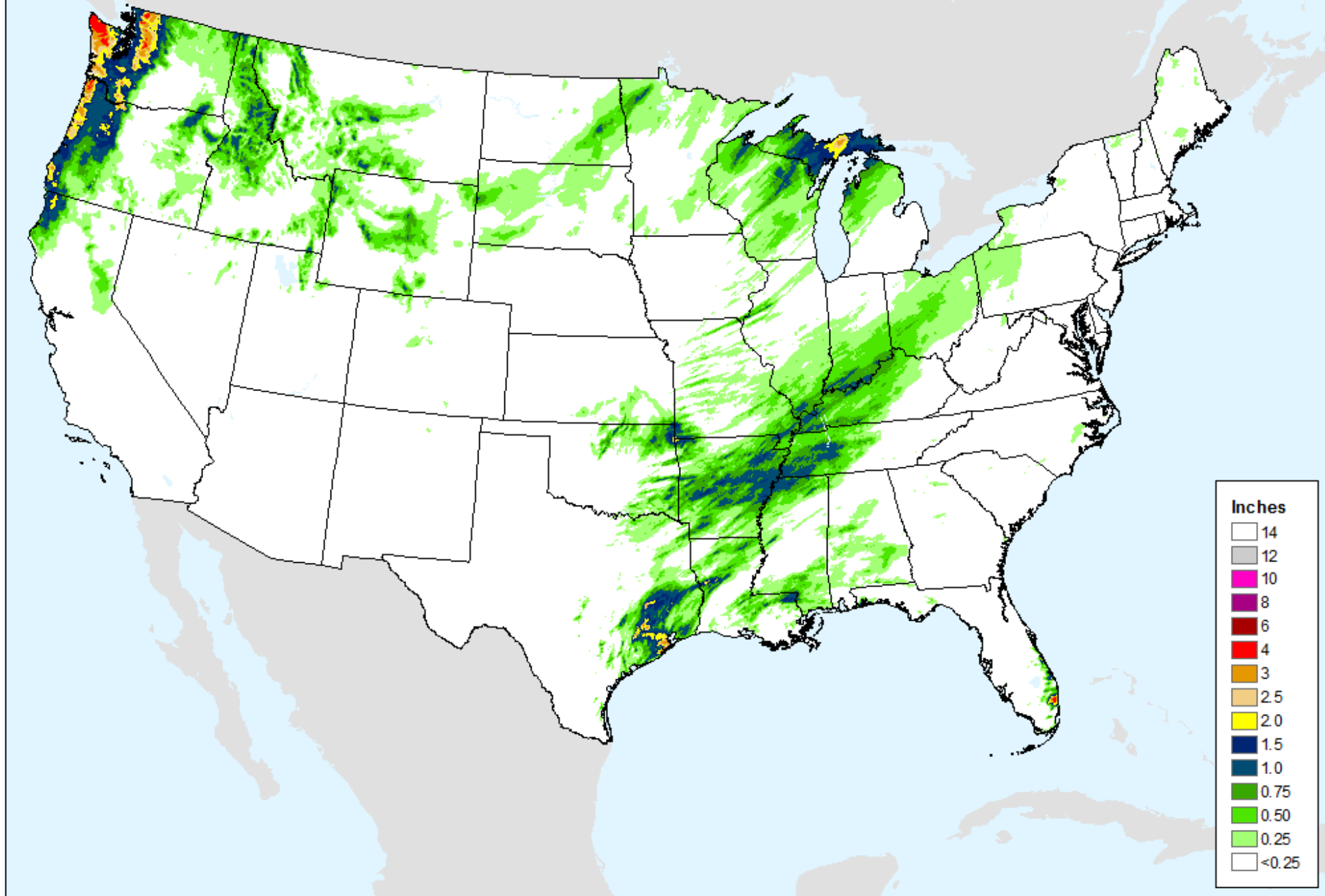


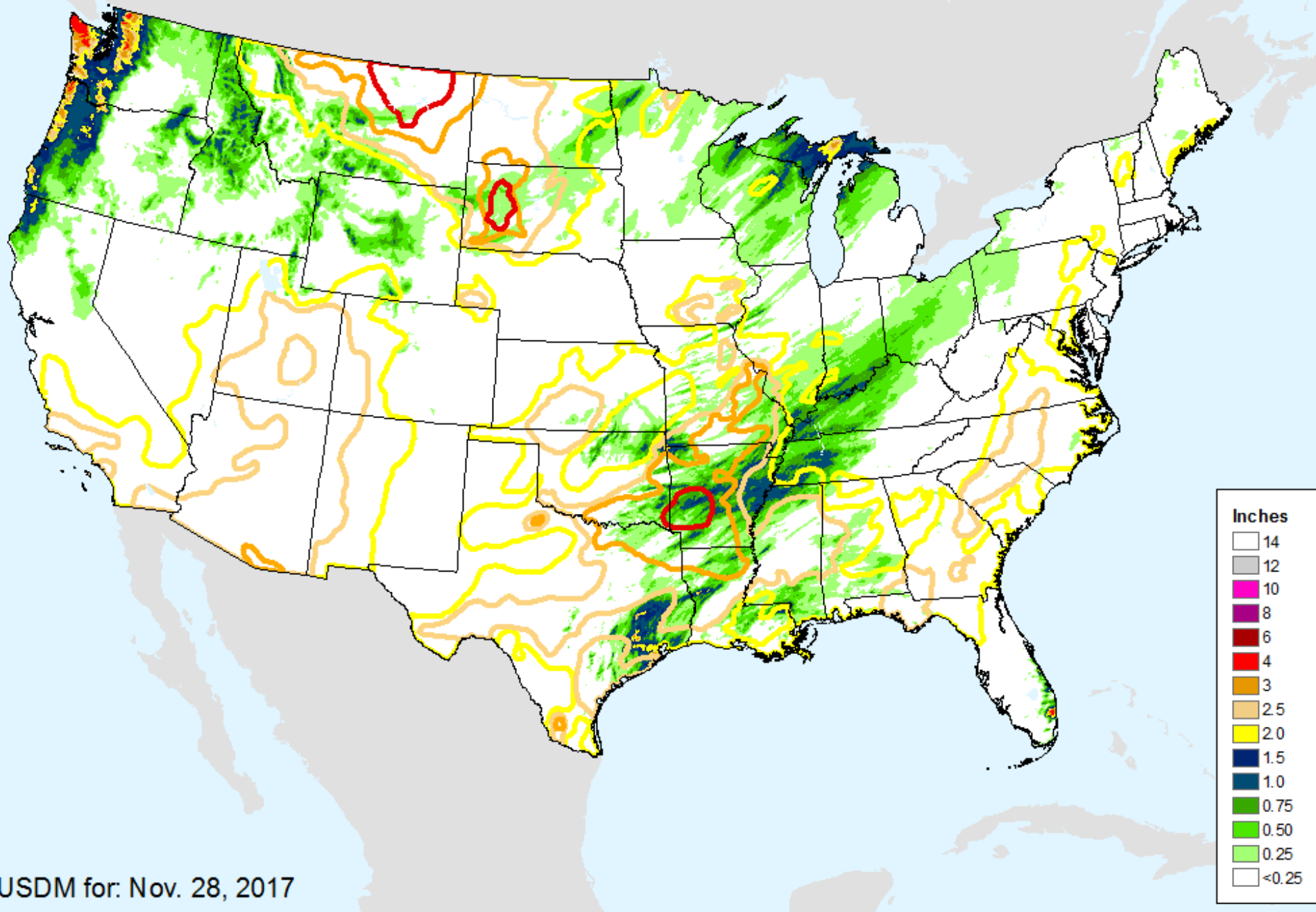
AHPS 7-Day Precipitation

As of: Tuesday, December 5, 2017



AHPS 7-Day Precipitation

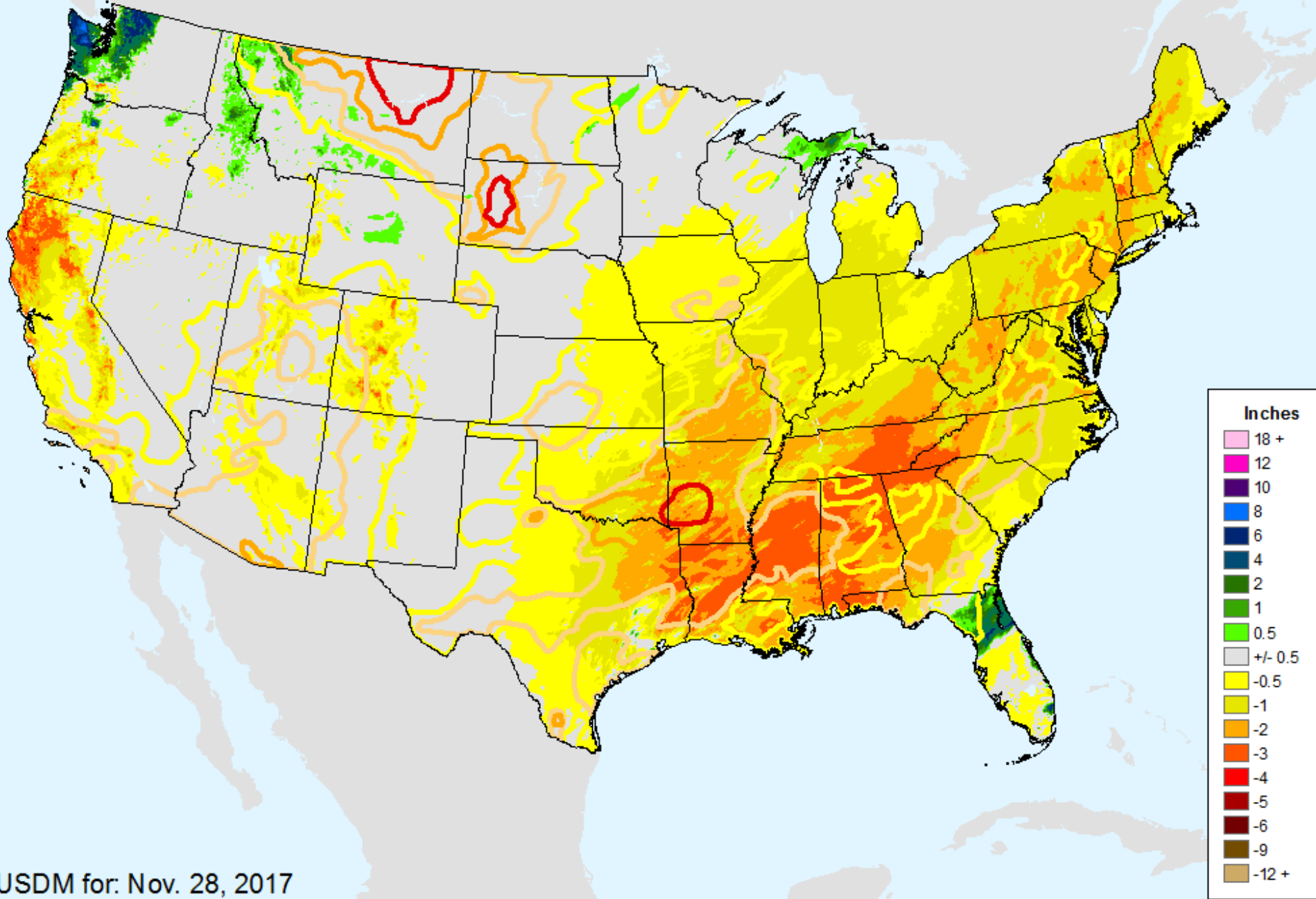
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 14-Day Precip Departure

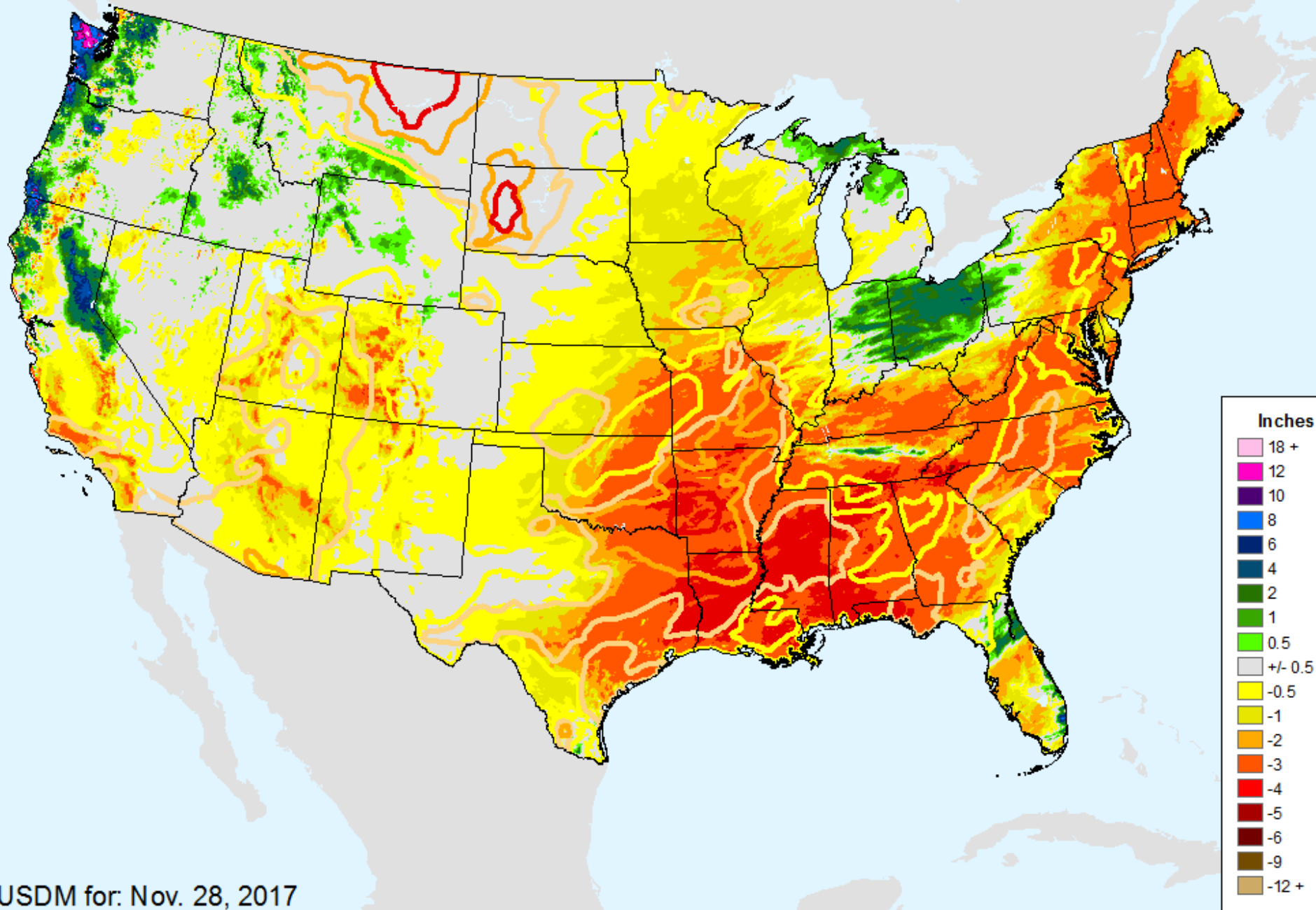
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 30-Day Precip Departure

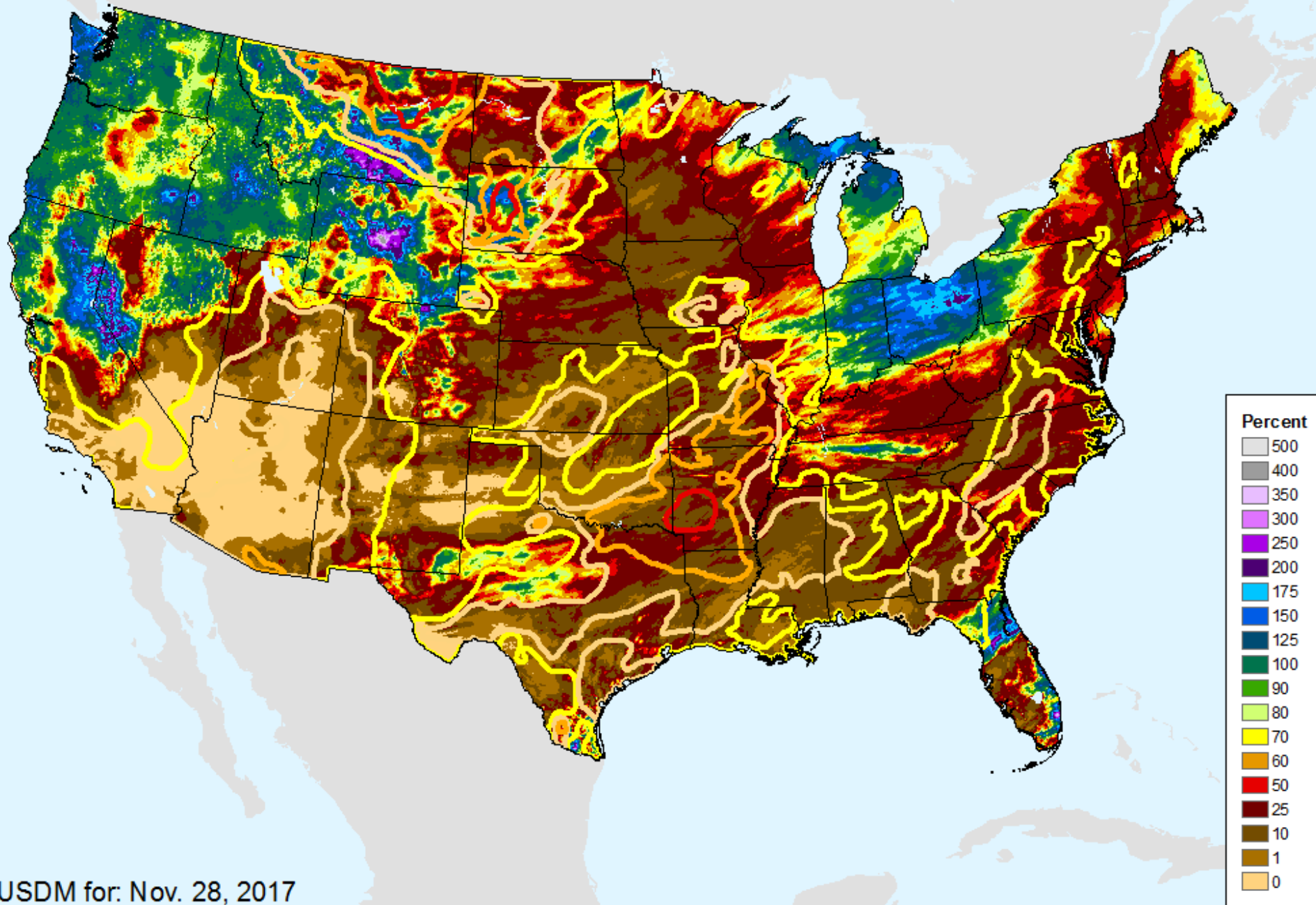
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 30-Day Pct of Normal Pcp

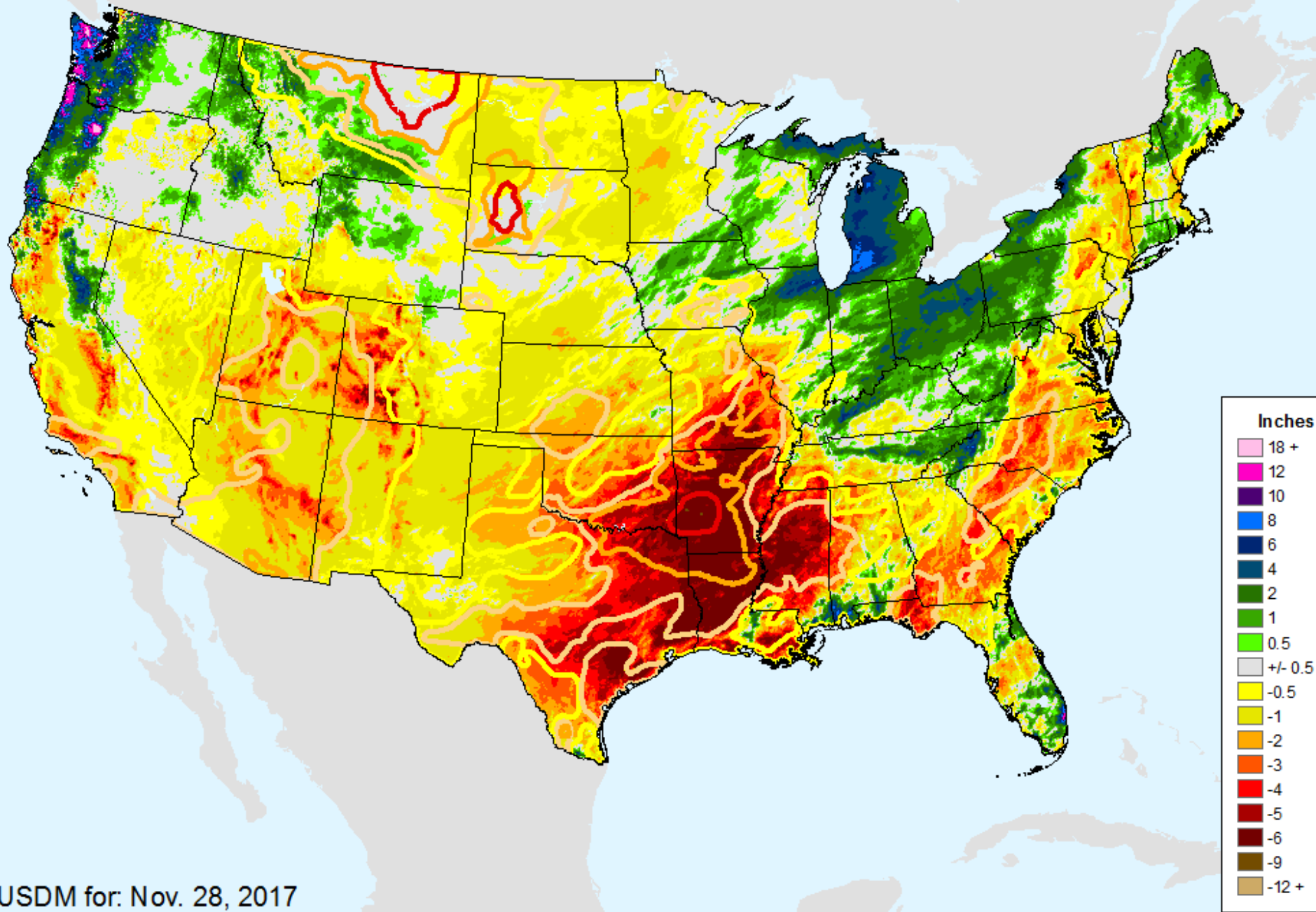
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 60-Day Precip Departure

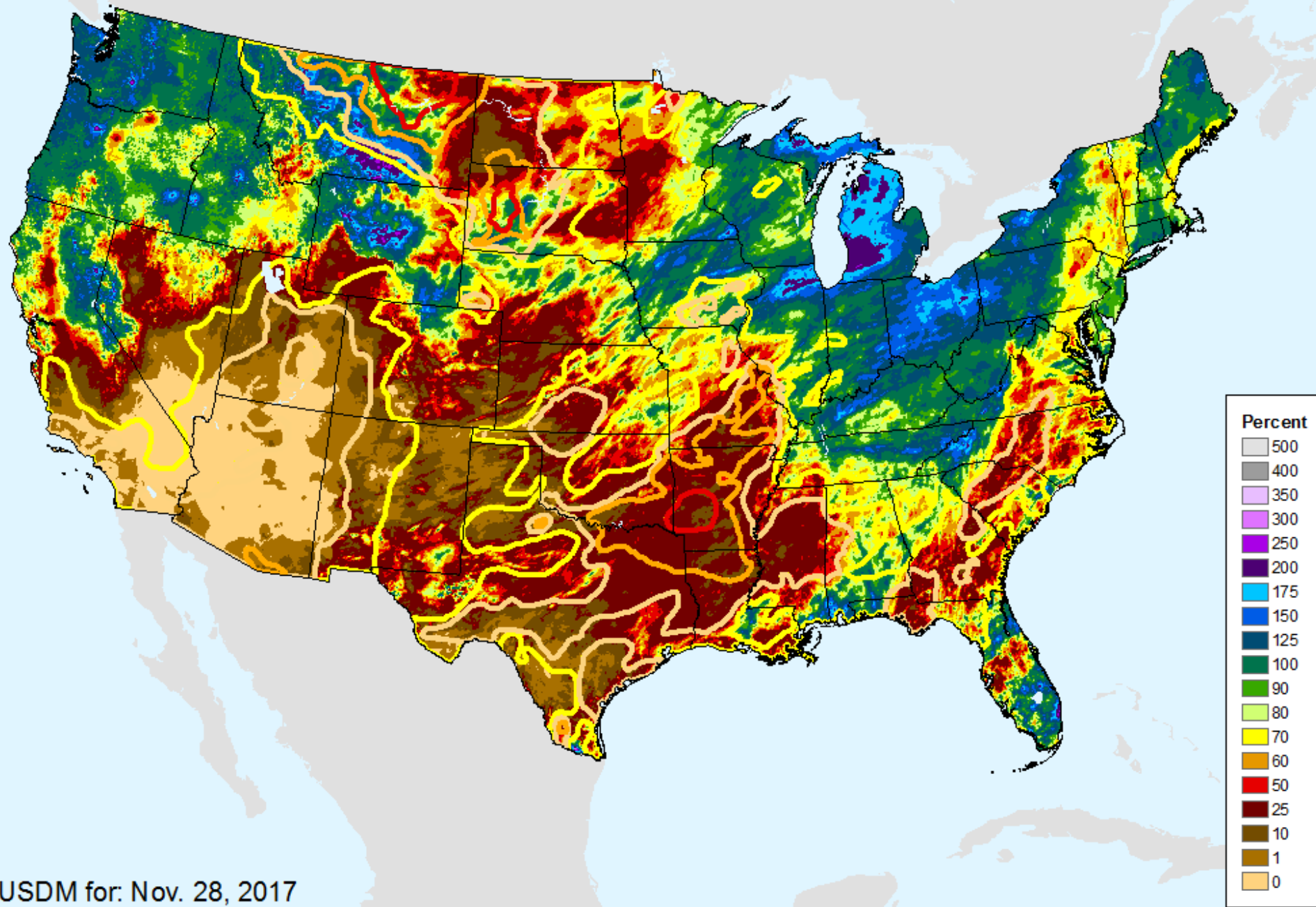
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 60-Day Pct of Normal Pcp

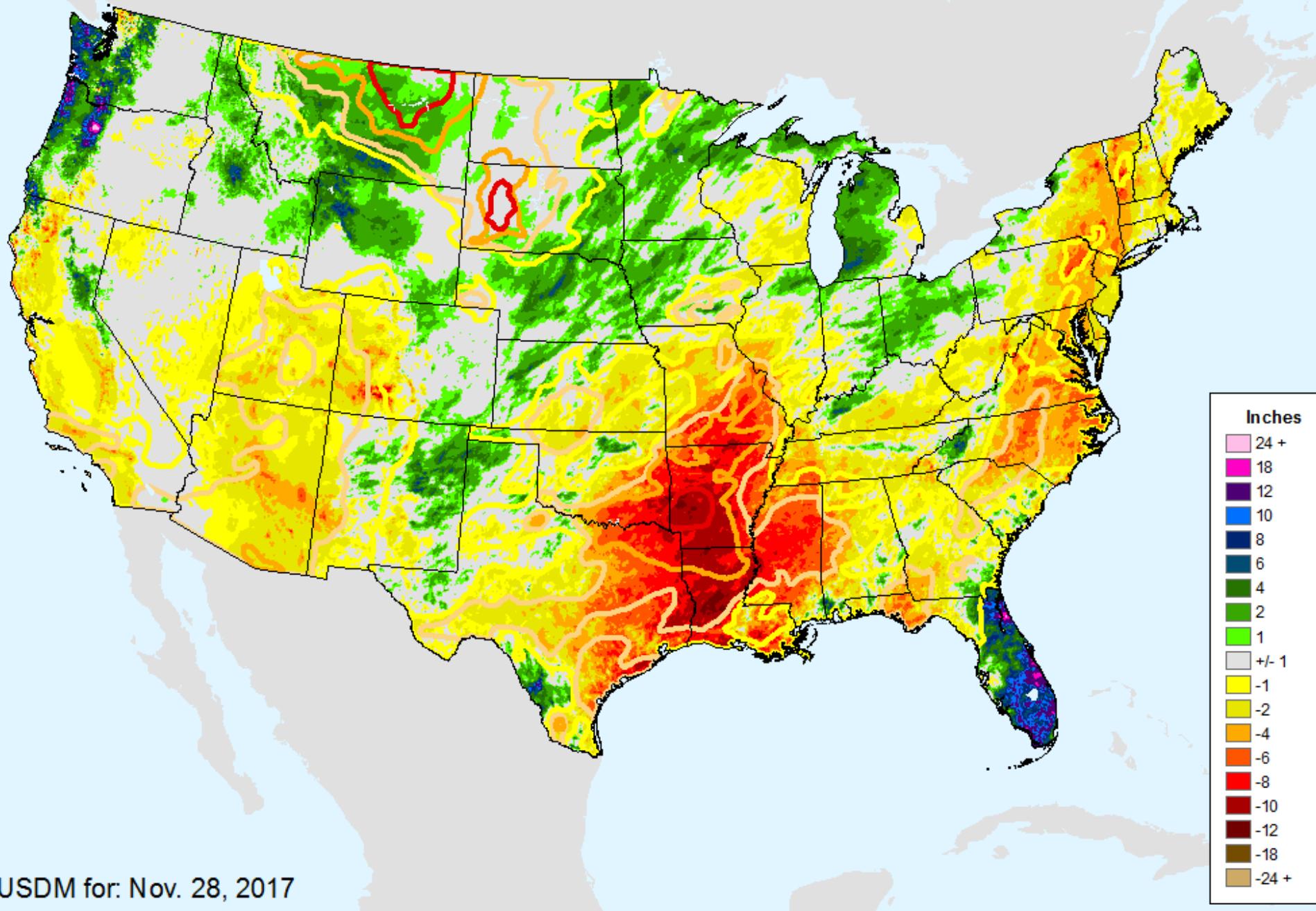
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 90-Day Precip Departure

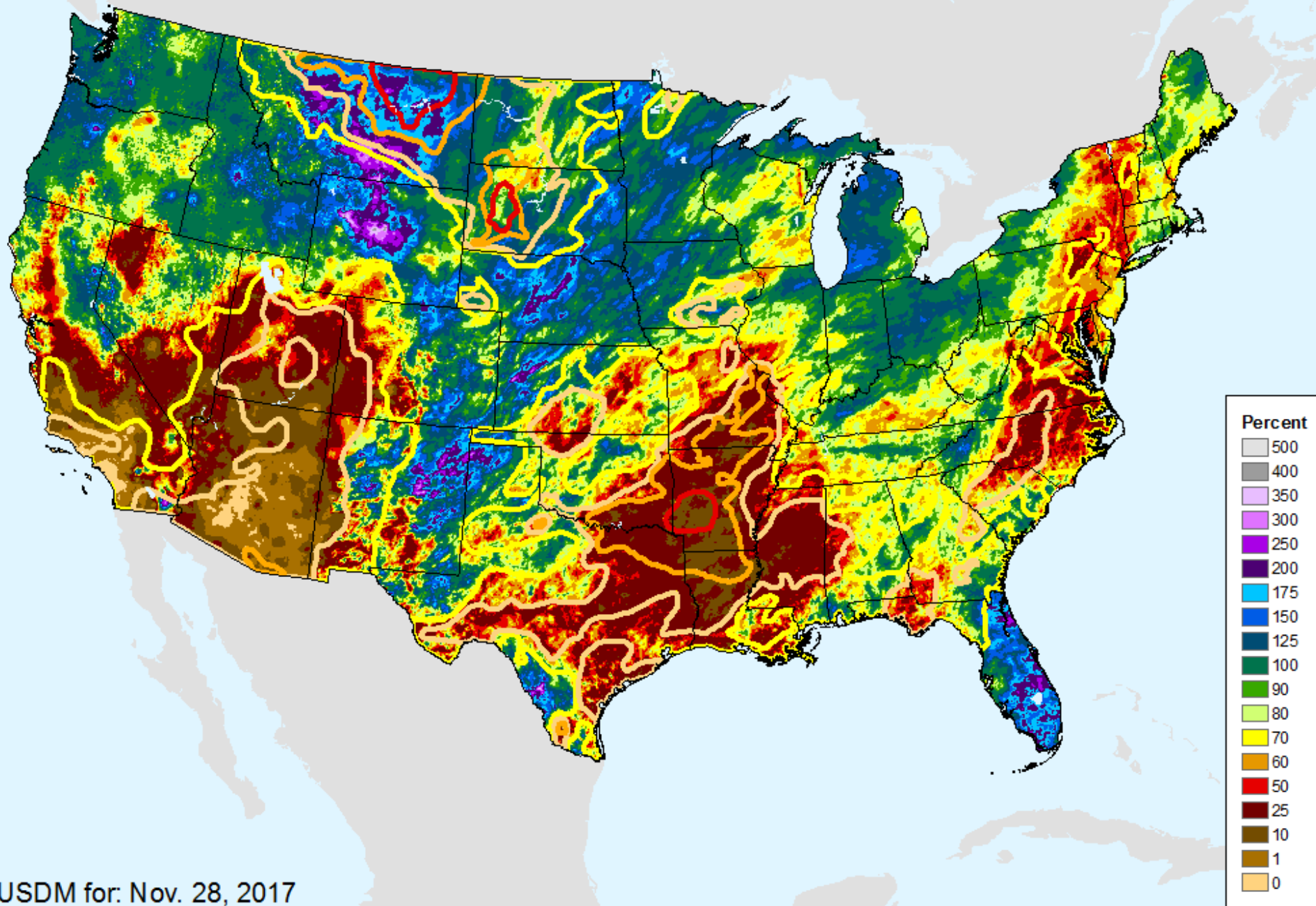
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 90-Day Pct of Normal Pcp

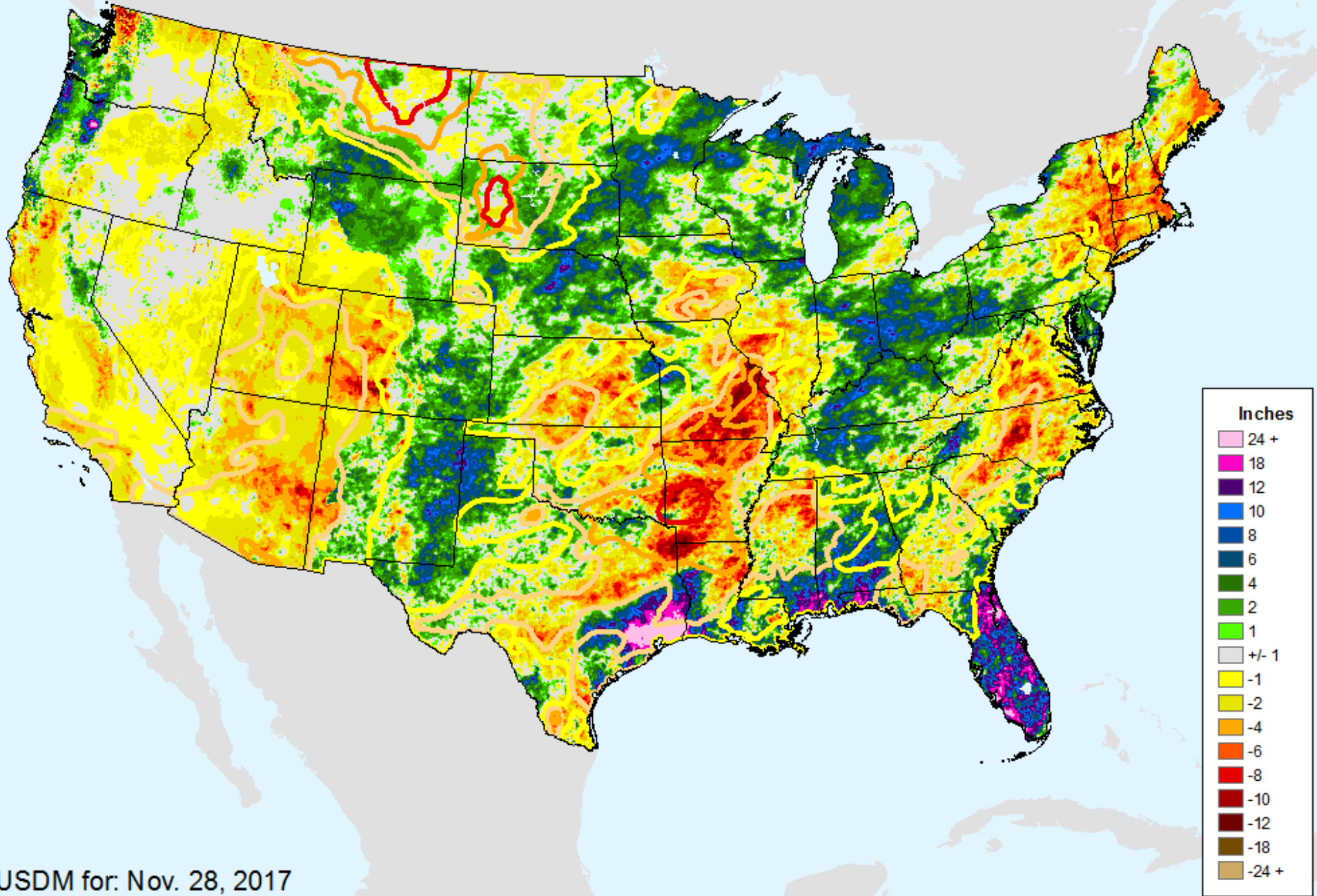
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 180-Day Precip Departure

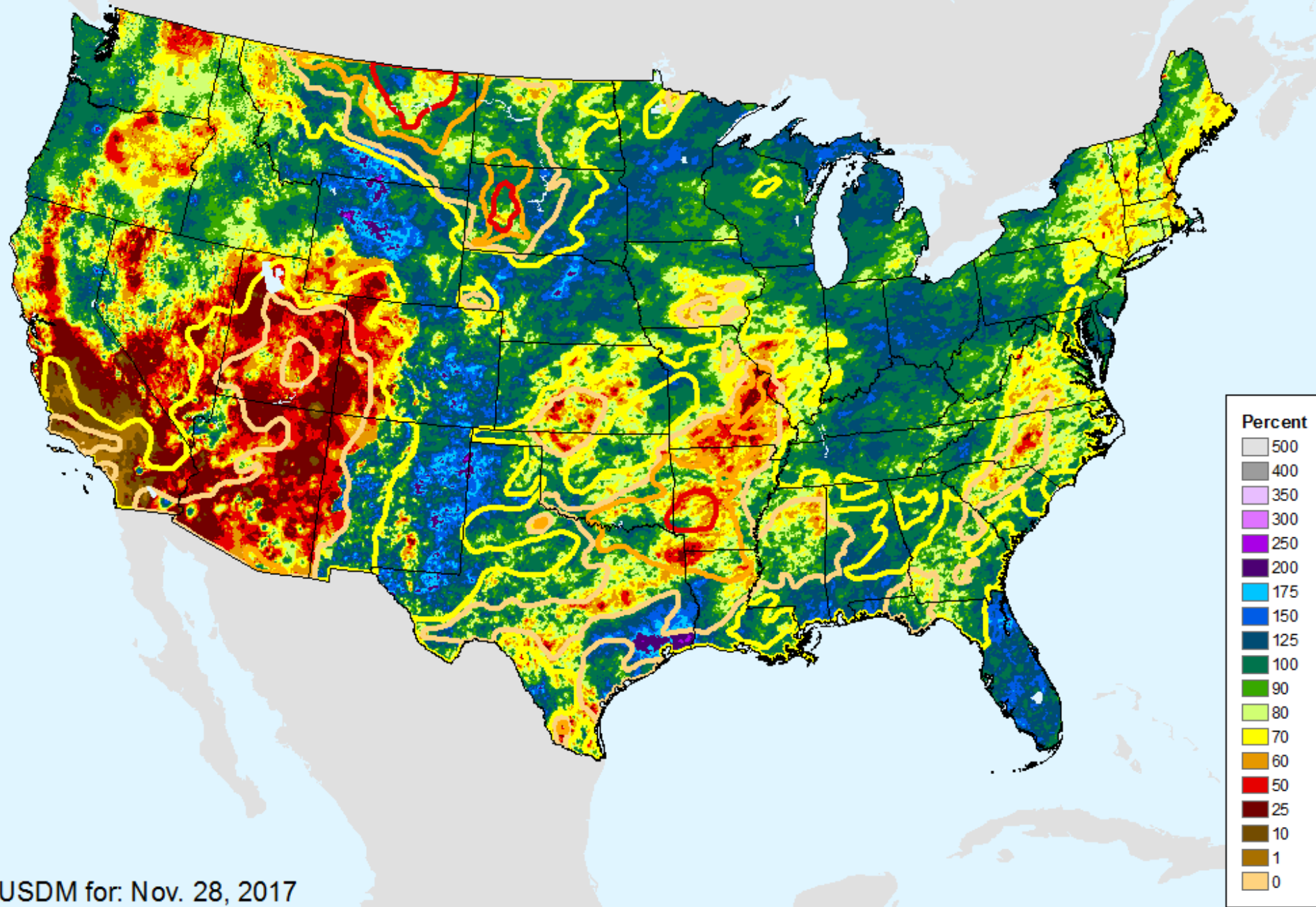
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 180-Day Pct of Normal Pcp

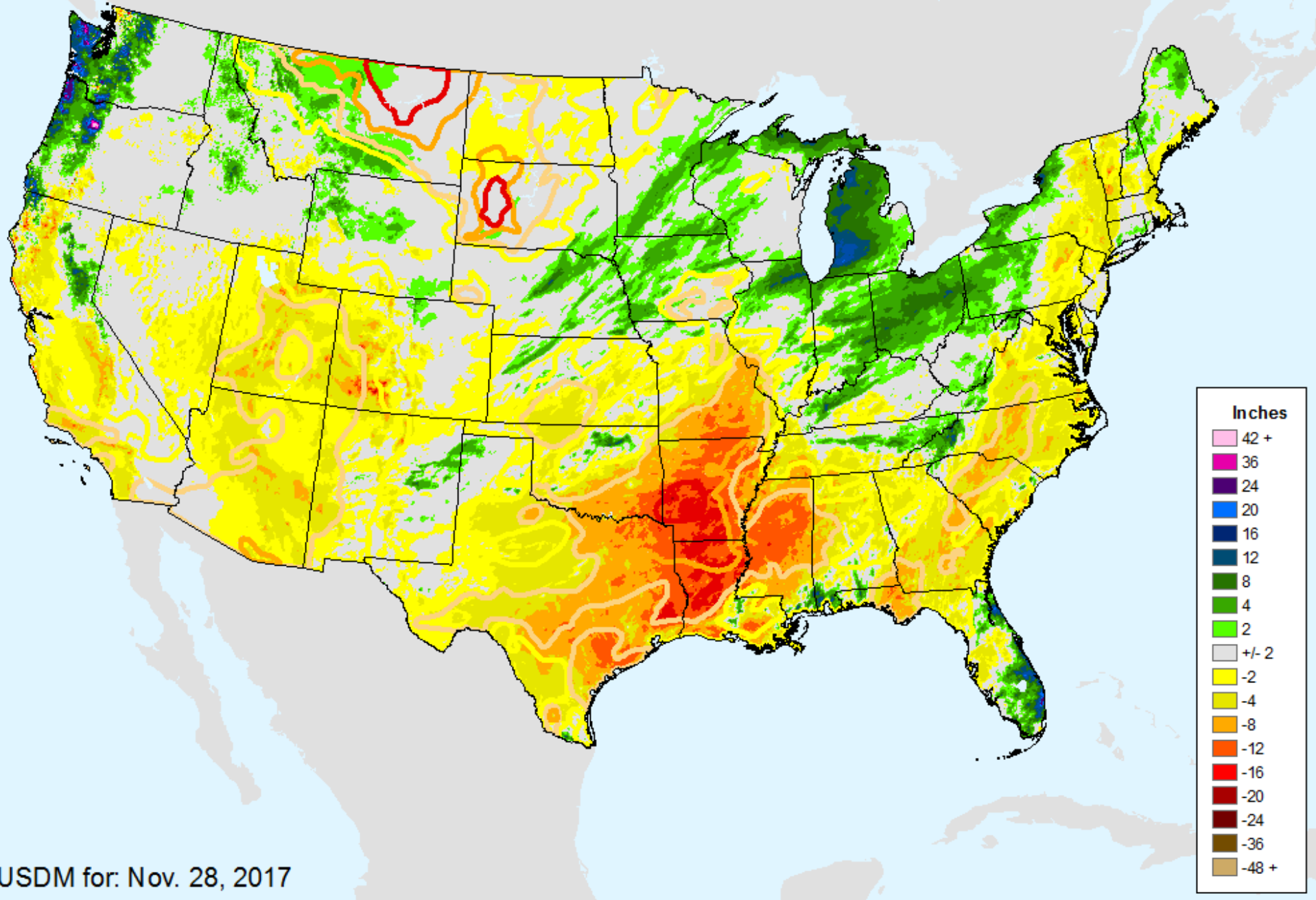
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS Water-Year Precip Departure

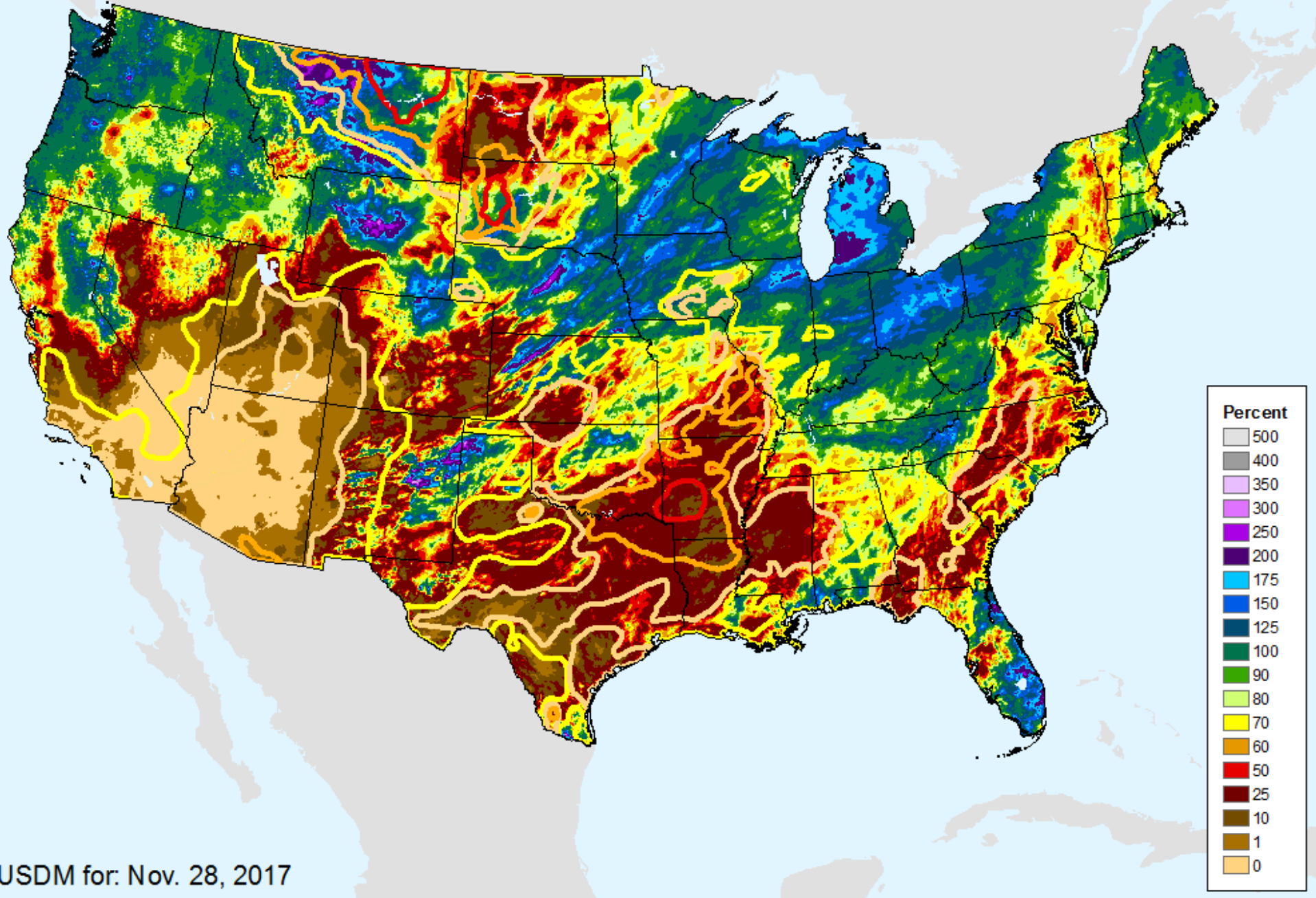
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS Water-Year Pct of Normal Pcp

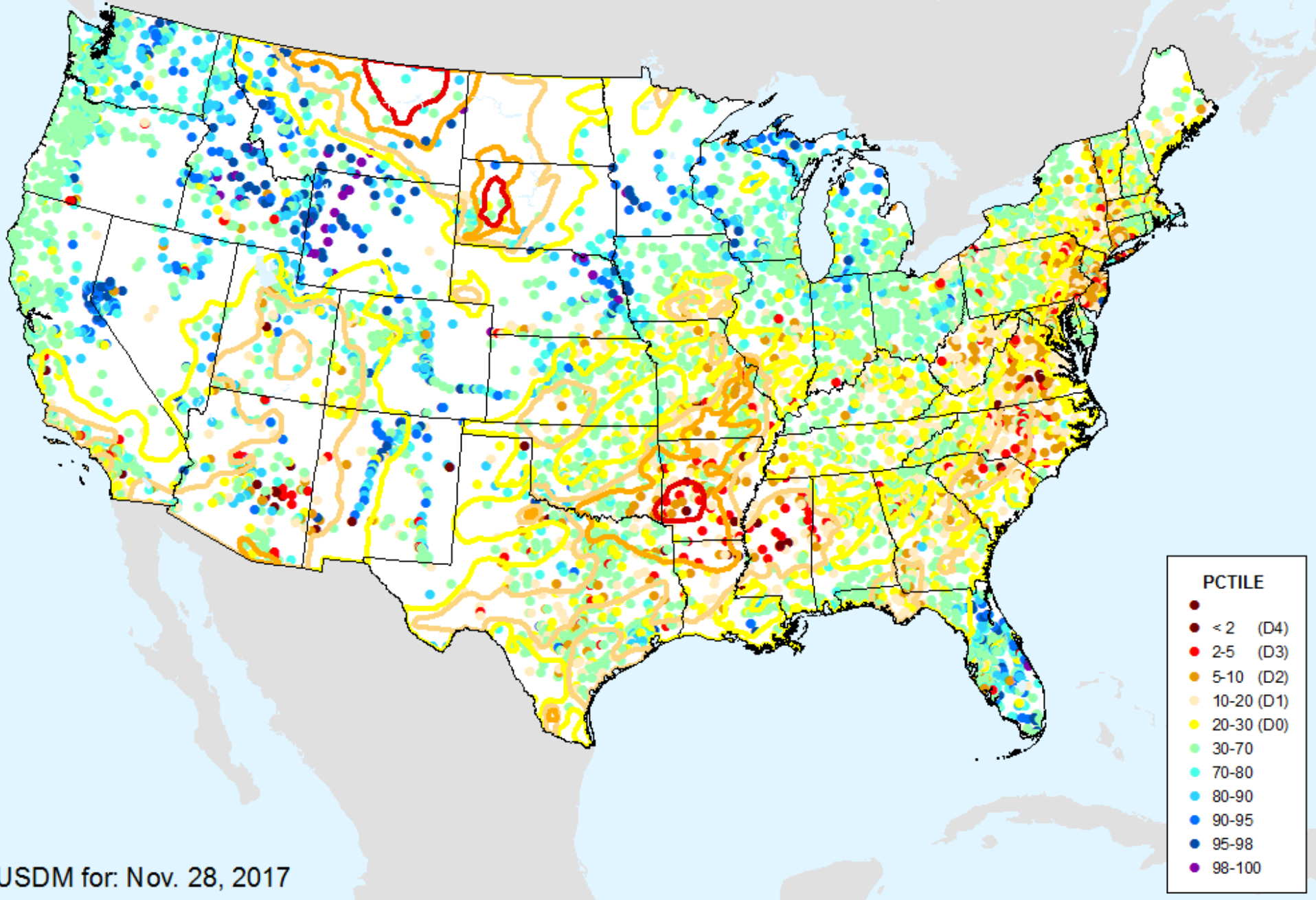
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

USGS 7-Day Avg Streamflow

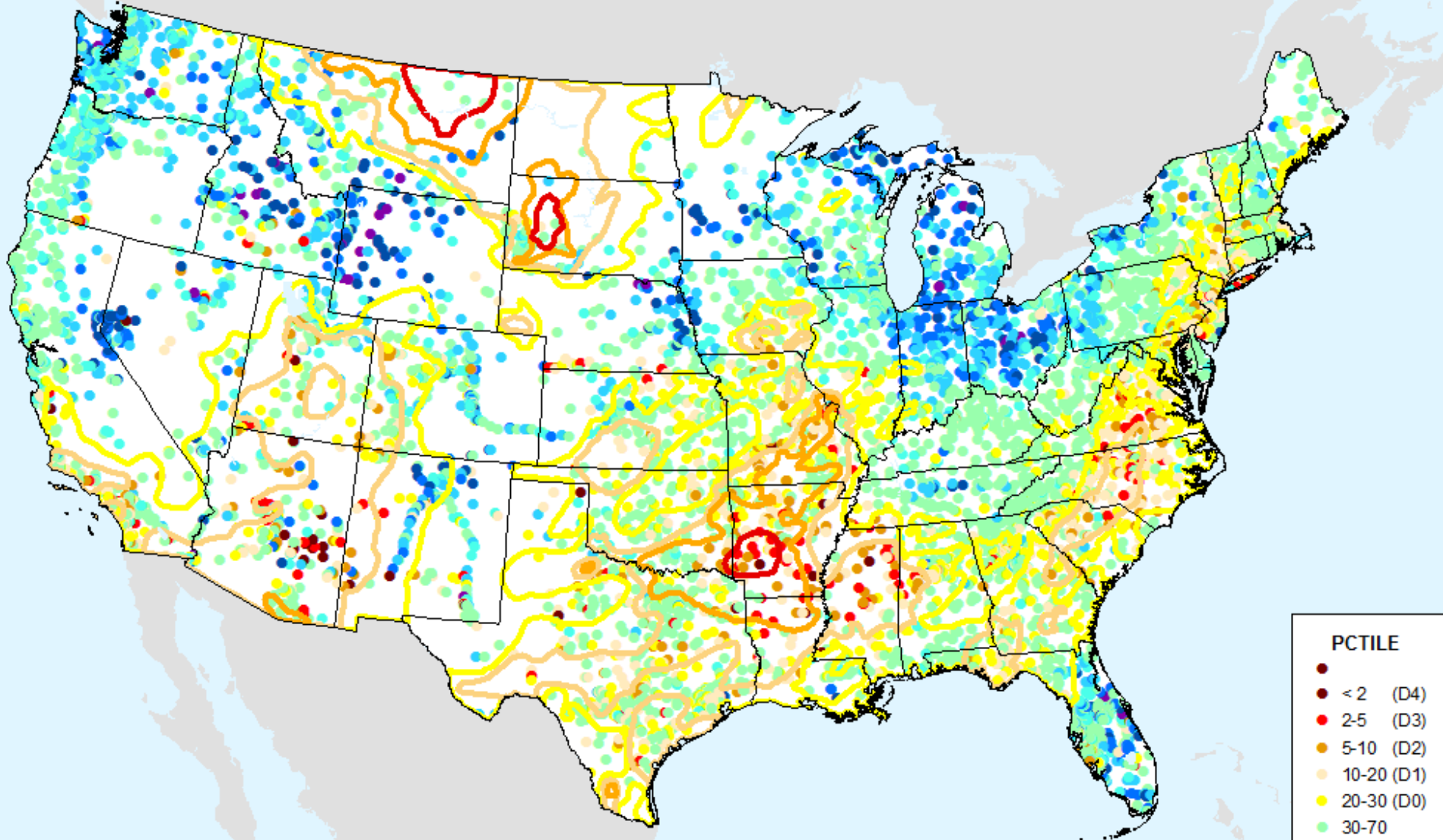
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

USGS 28-Day Avg Streamflow

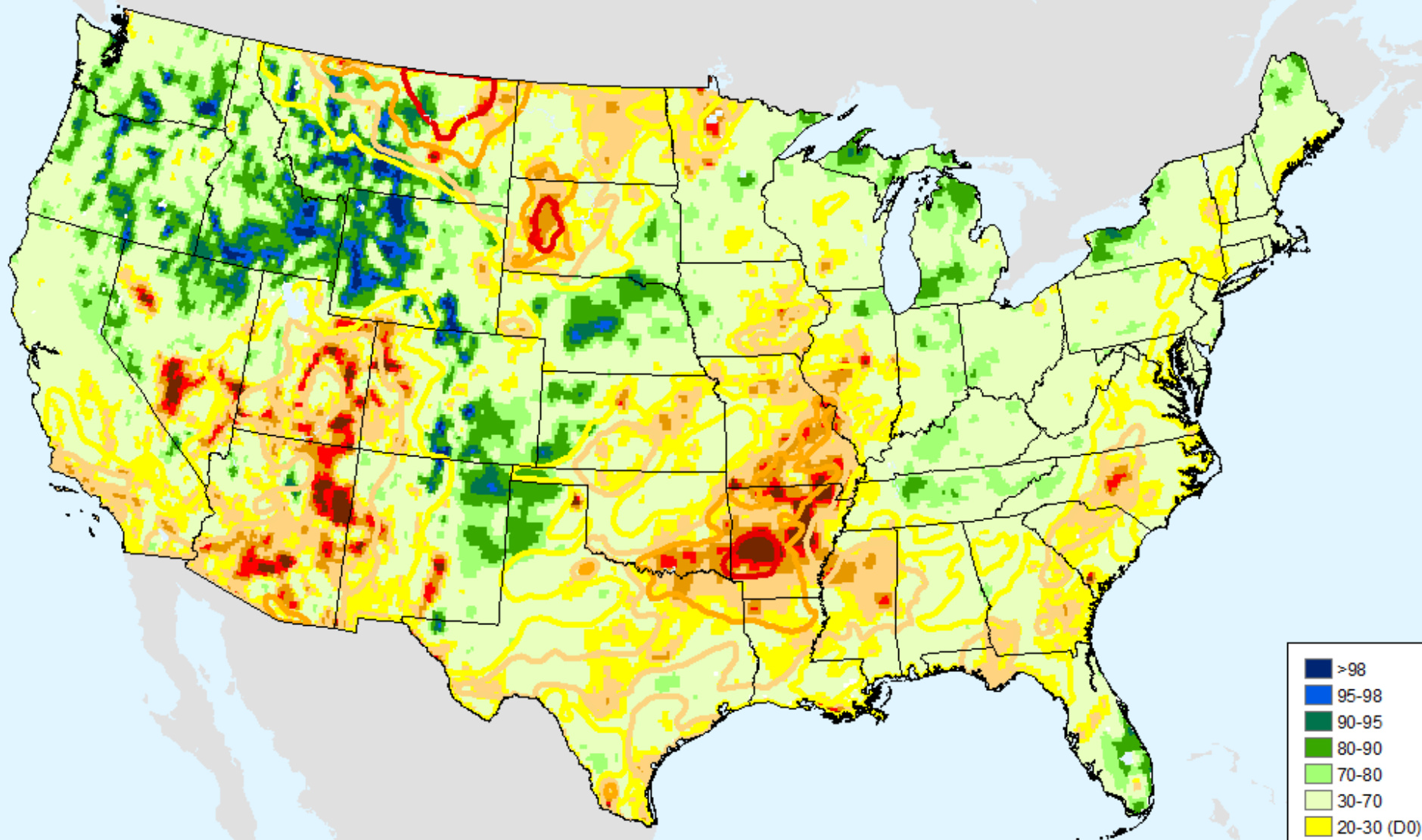
As of: Tuesday, December 5, 2017



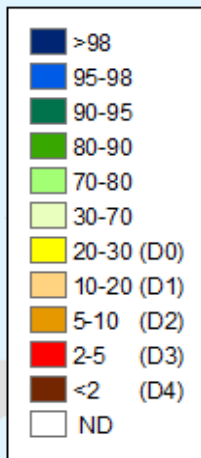
USDM for: Nov. 28, 2017

NLDAS Top 1m Soil Moisture

As of: Tuesday, December 5, 2017

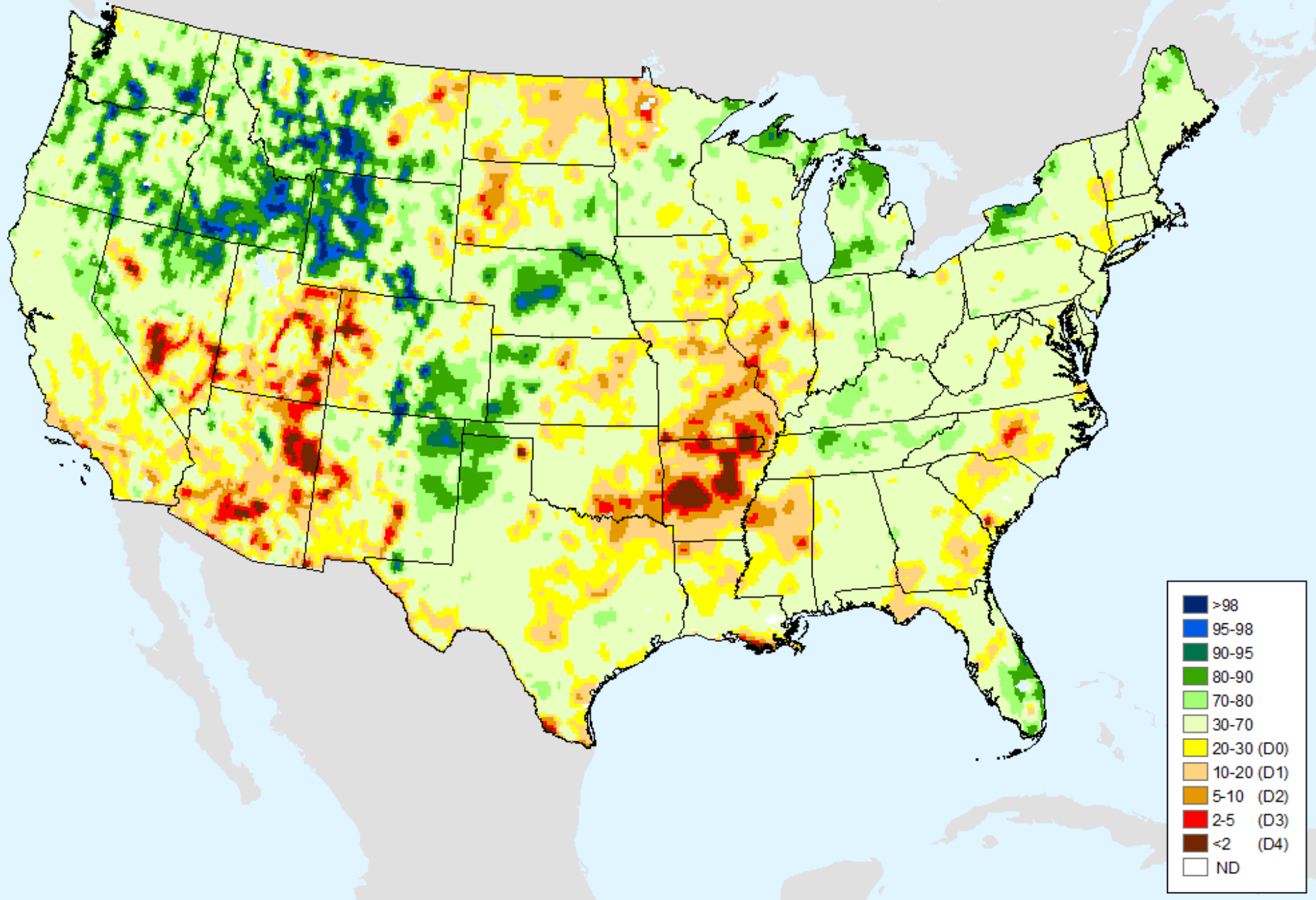


USDM for: Nov. 28, 2017



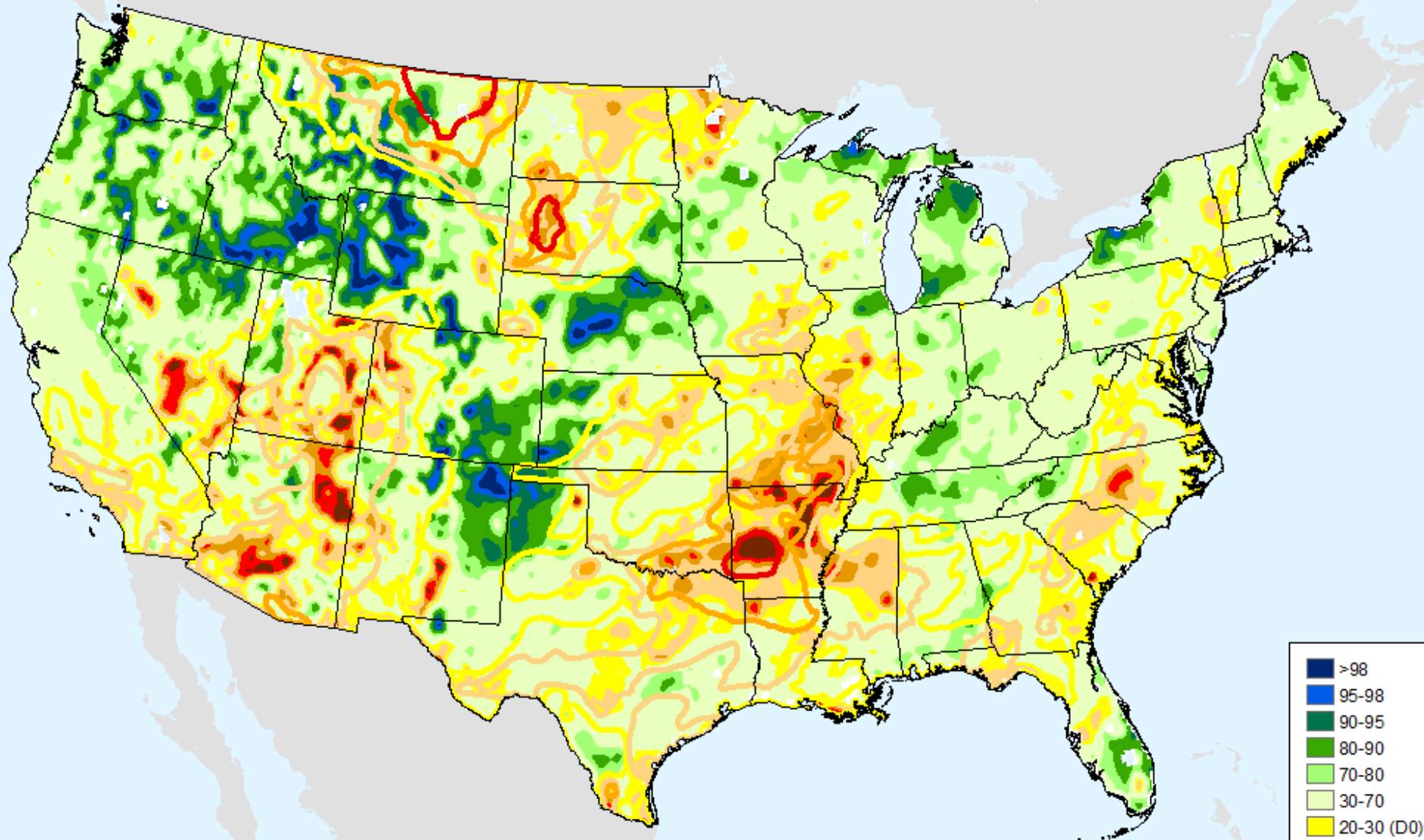
NLDAS Top 1m Soil Moisture

As of: Tuesday, December 5, 2017



NLDAS Total Column Soil Moisture

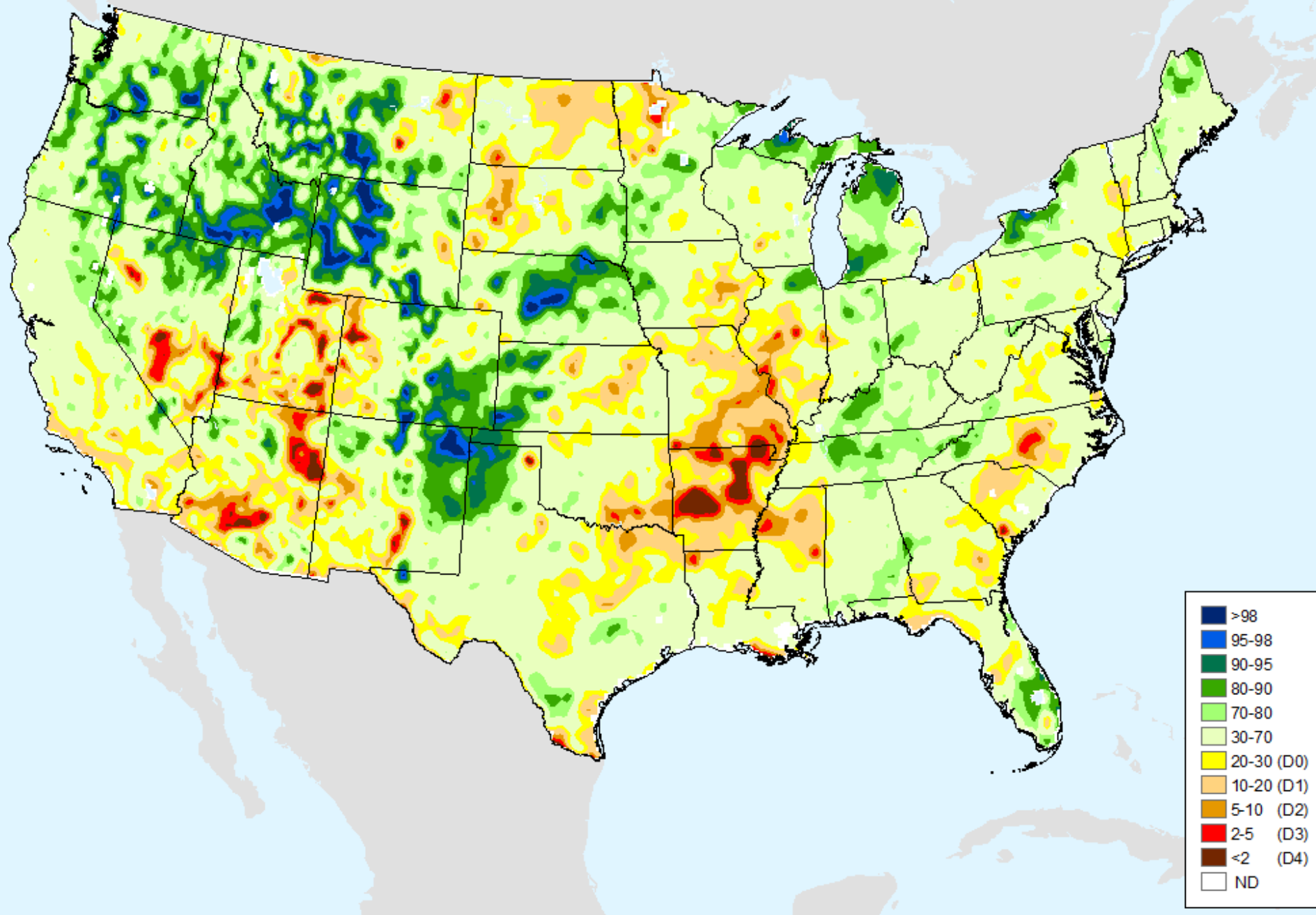
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

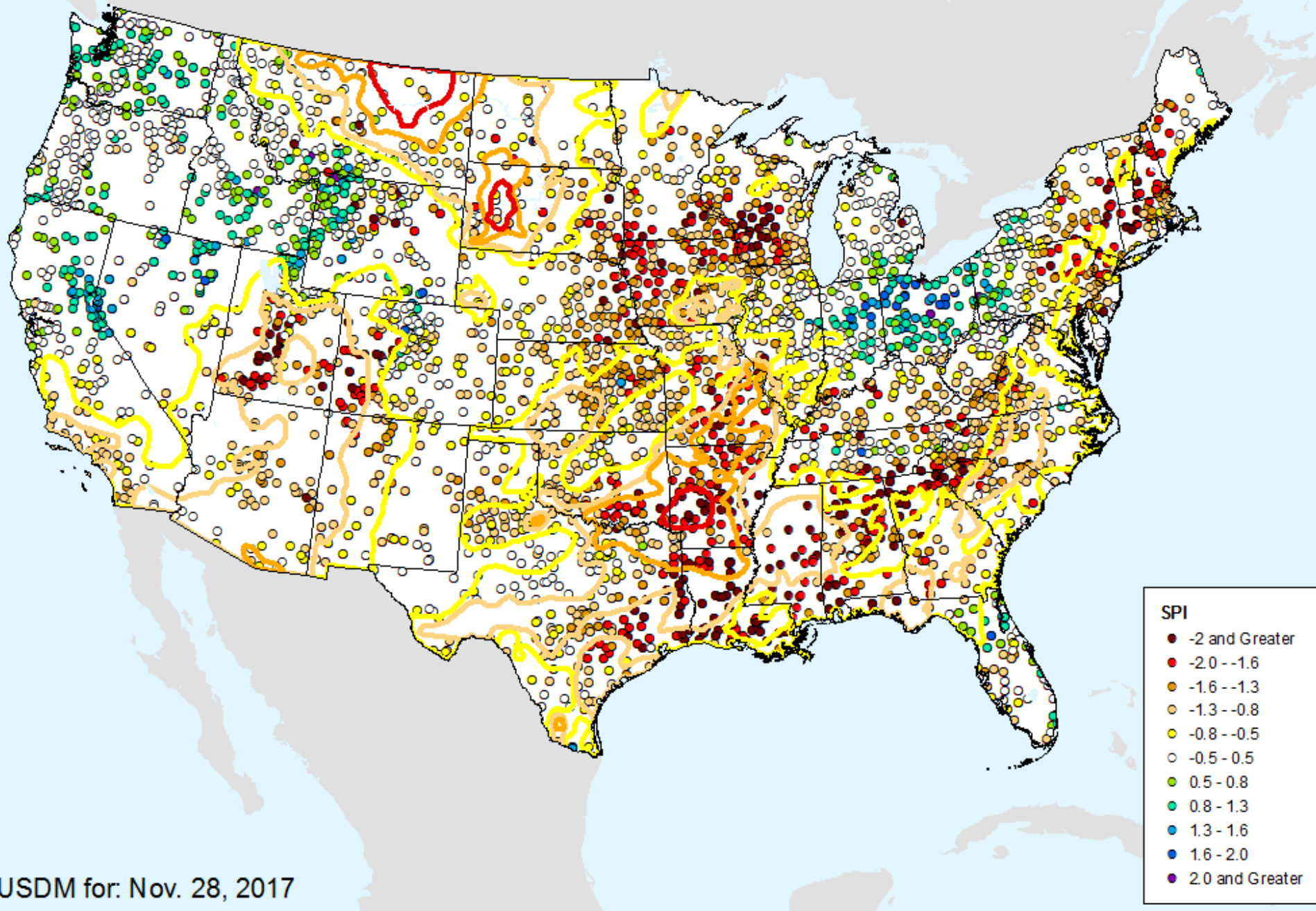
NLDAS Total Column Soil Moisture

As of: Tuesday, December 5, 2017



HPRCC 1-month SPI

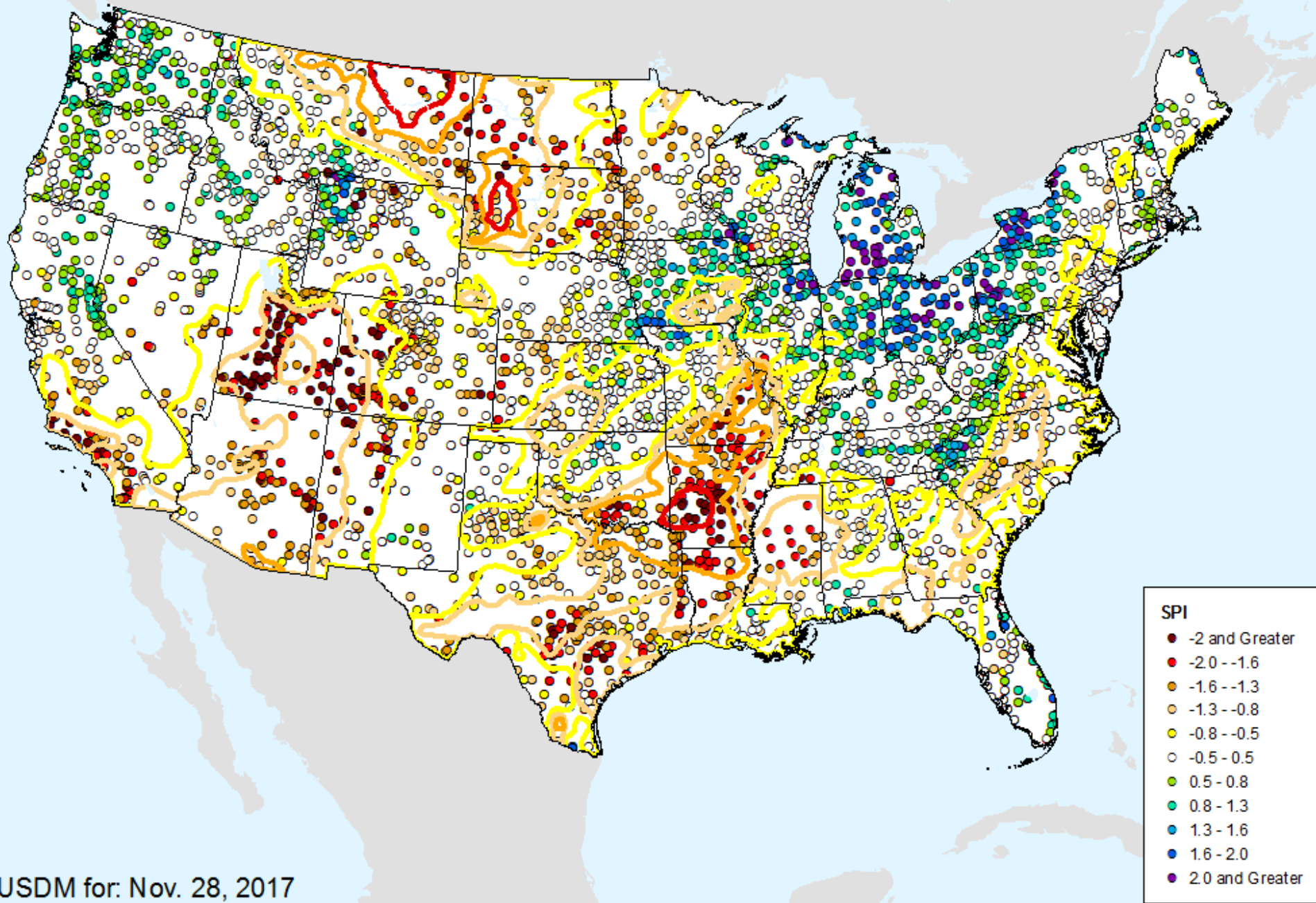
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

HPRCC 2-month SPI

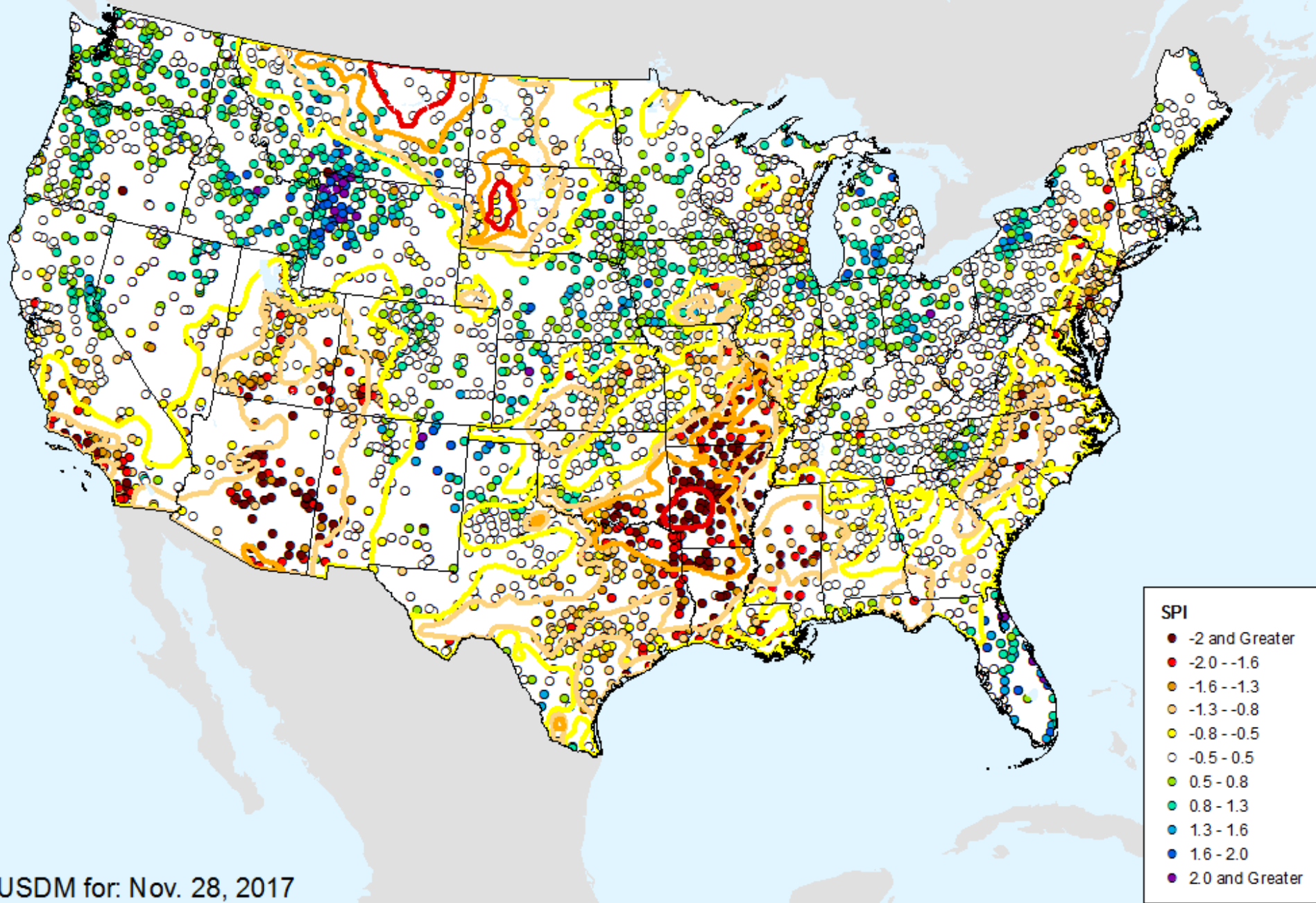
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

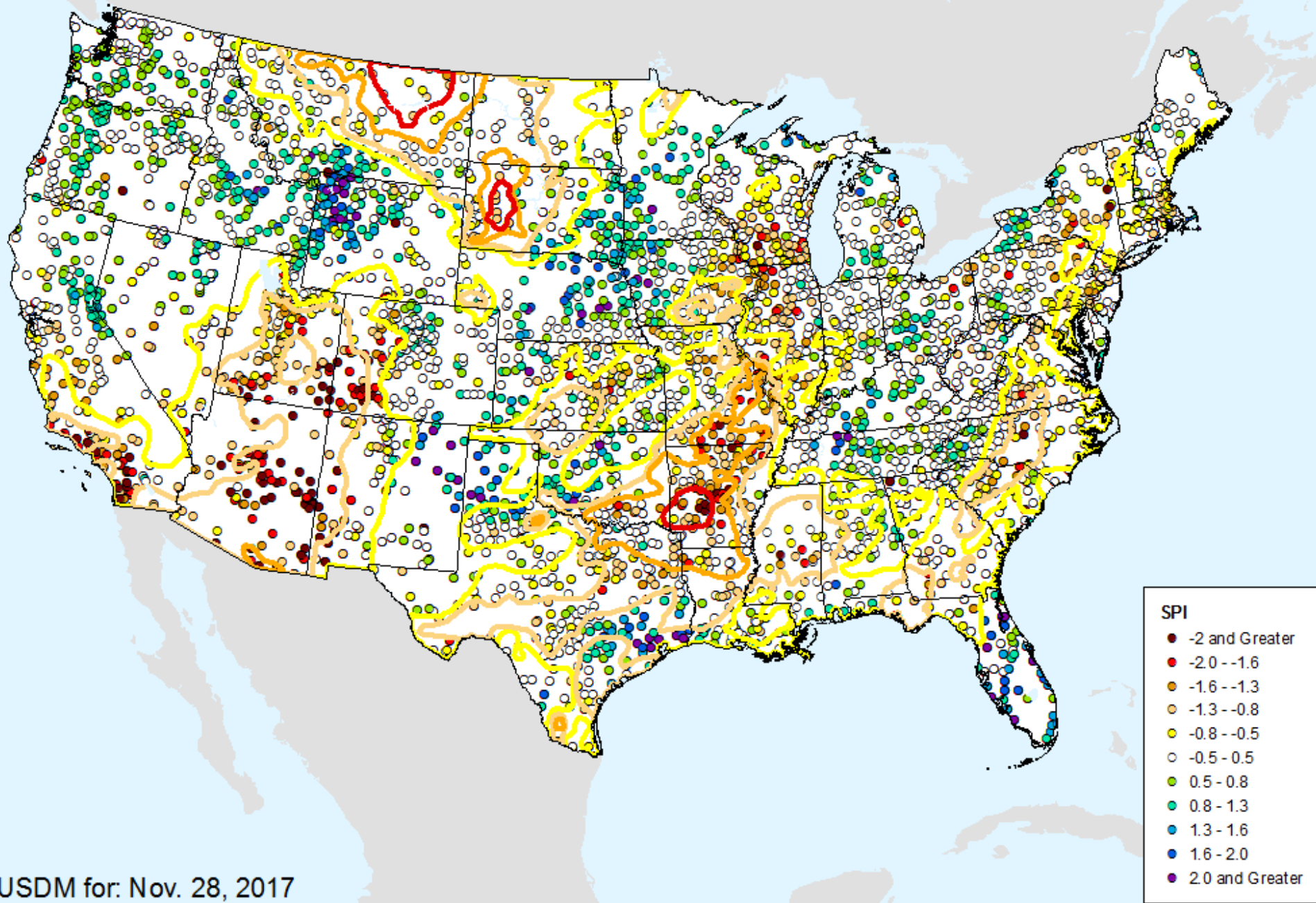
HPRCC 3-month SPI

As of: Tuesday, December 5, 2017



HPRCC 4-month SPI

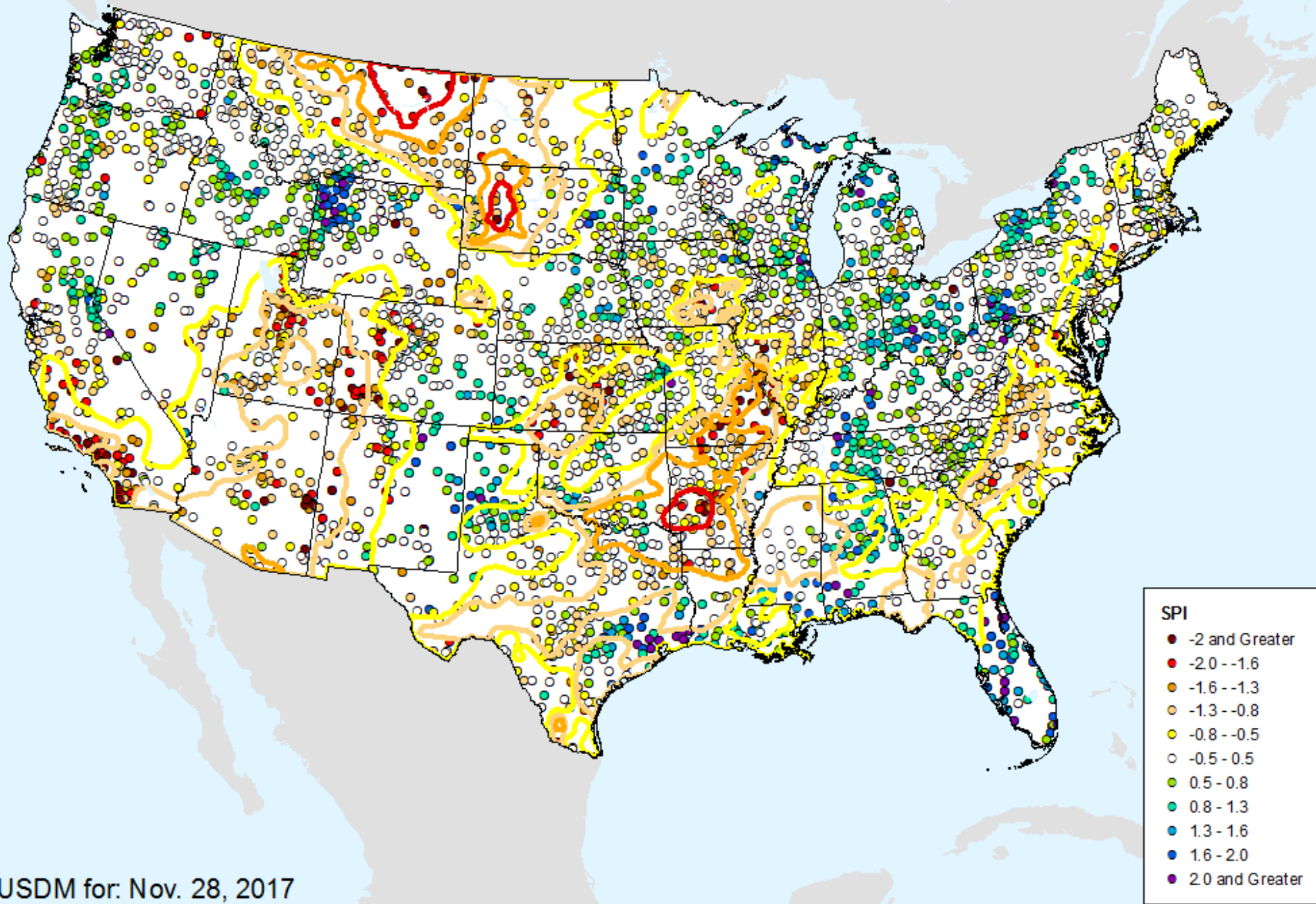
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

HPRCC 6-month SPI

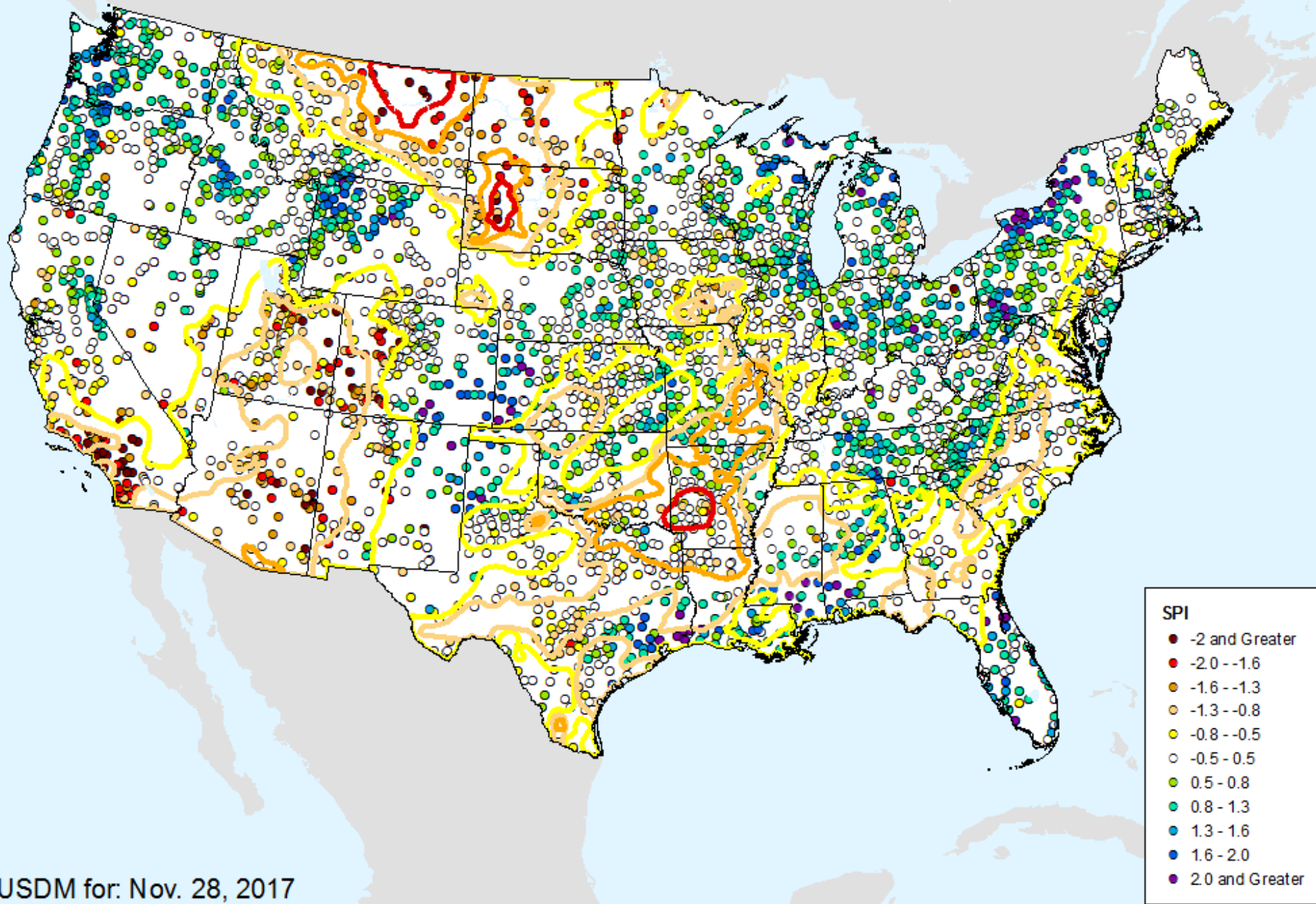
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

HPRCC 9-month SPI

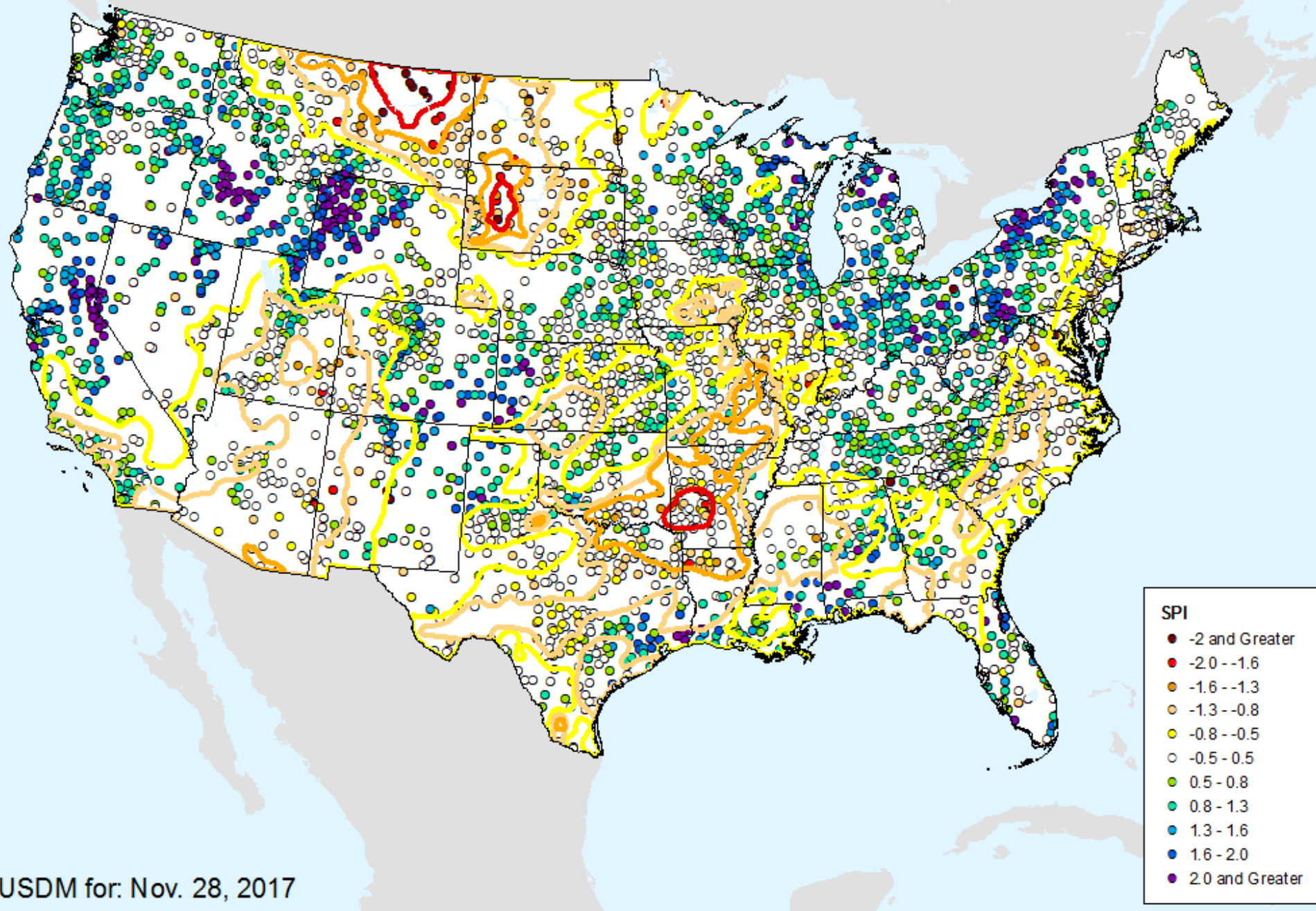
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

HPRCC 12-month SPI

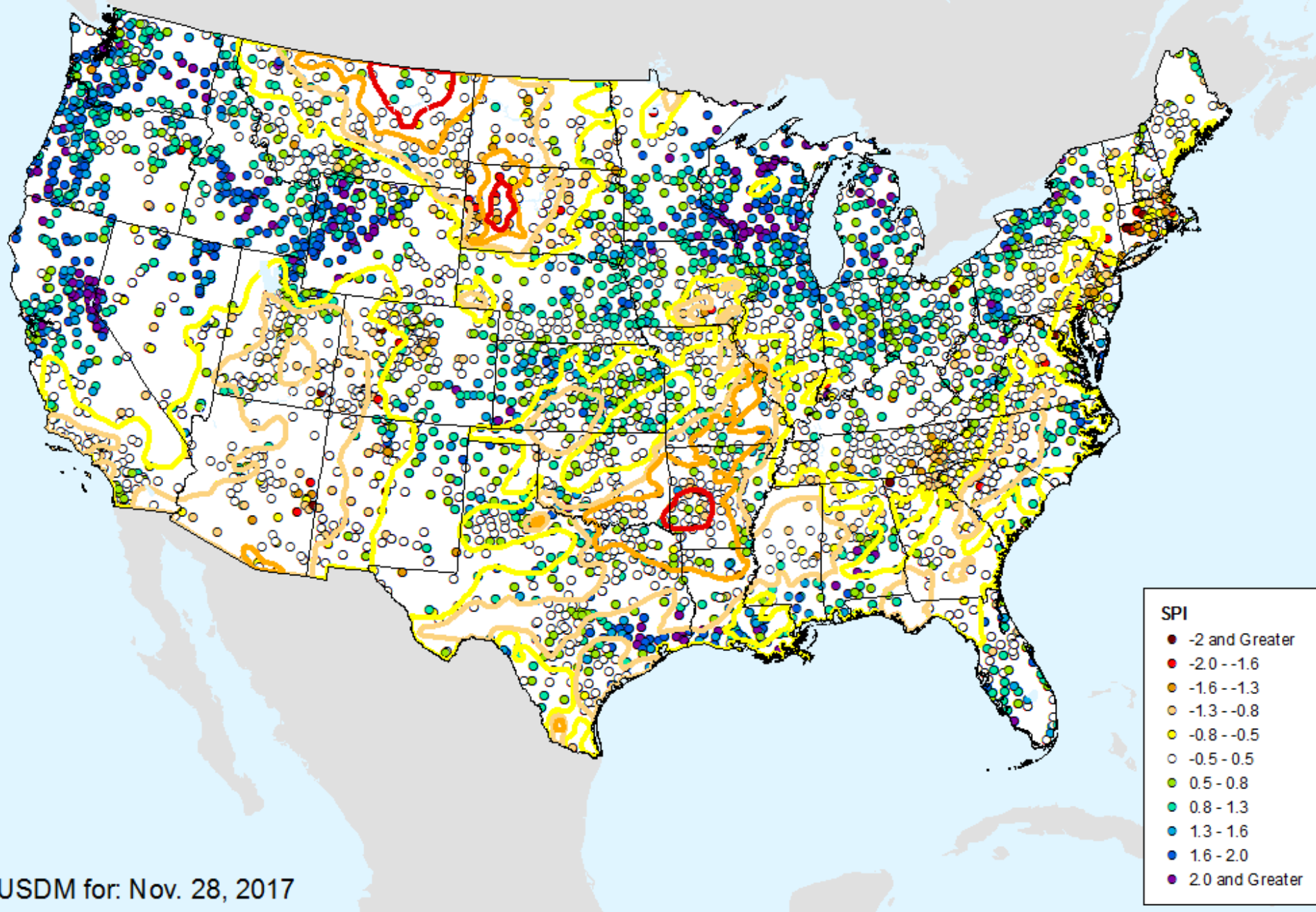
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

HPRCC 24-month SPI

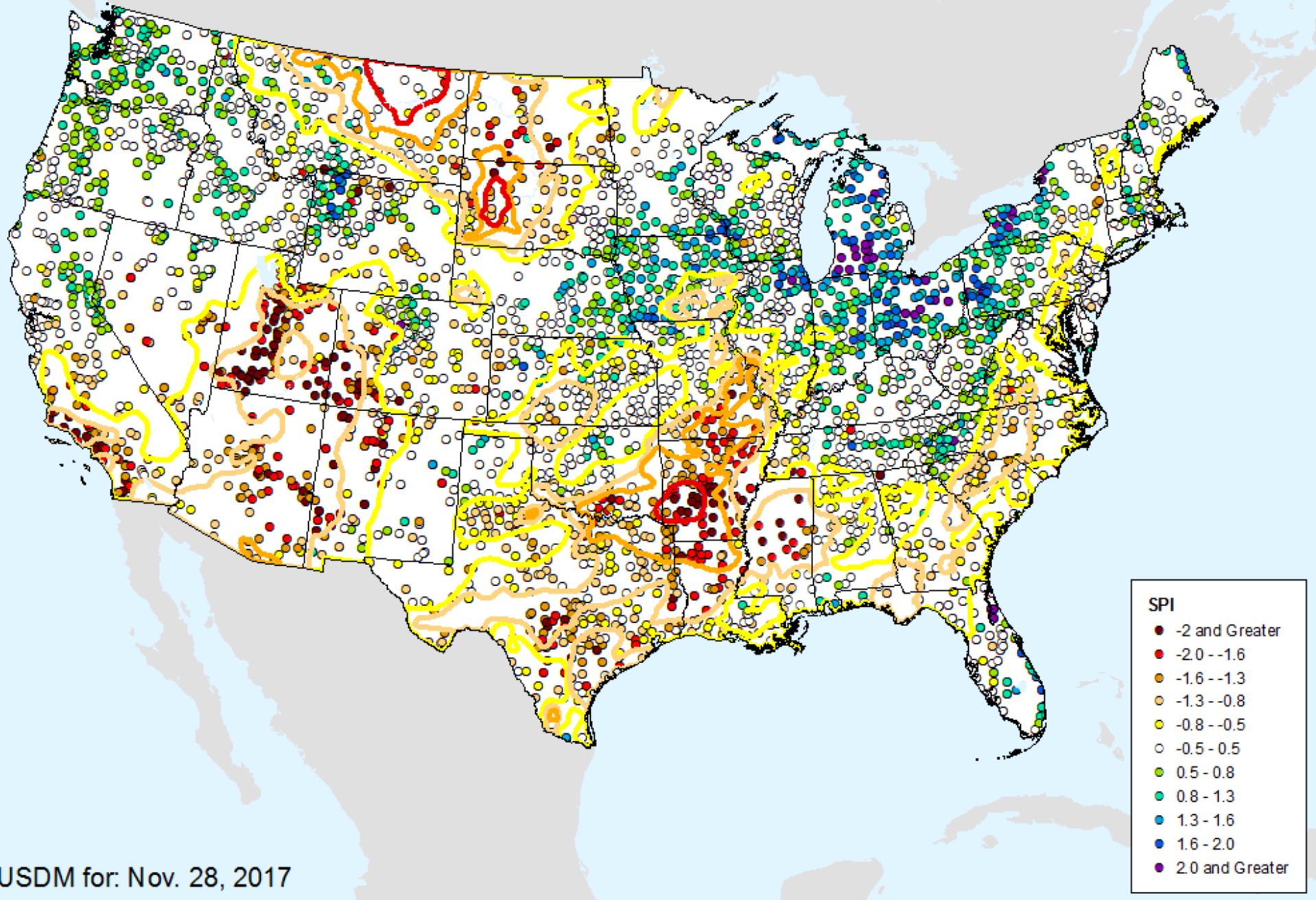
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

HPRCC Water Year-to-date SPI

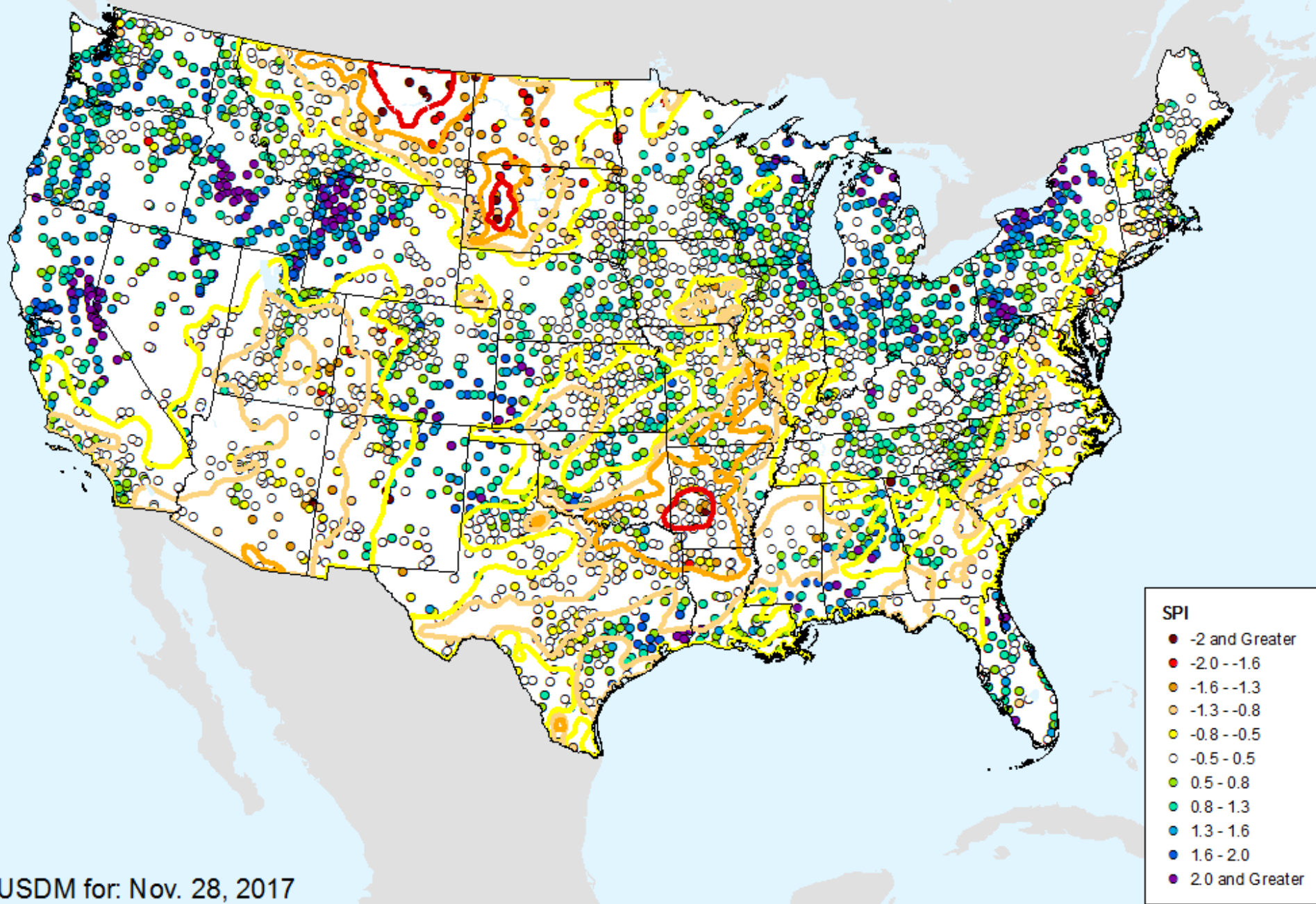
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

HPRCC Year-to-date SPI

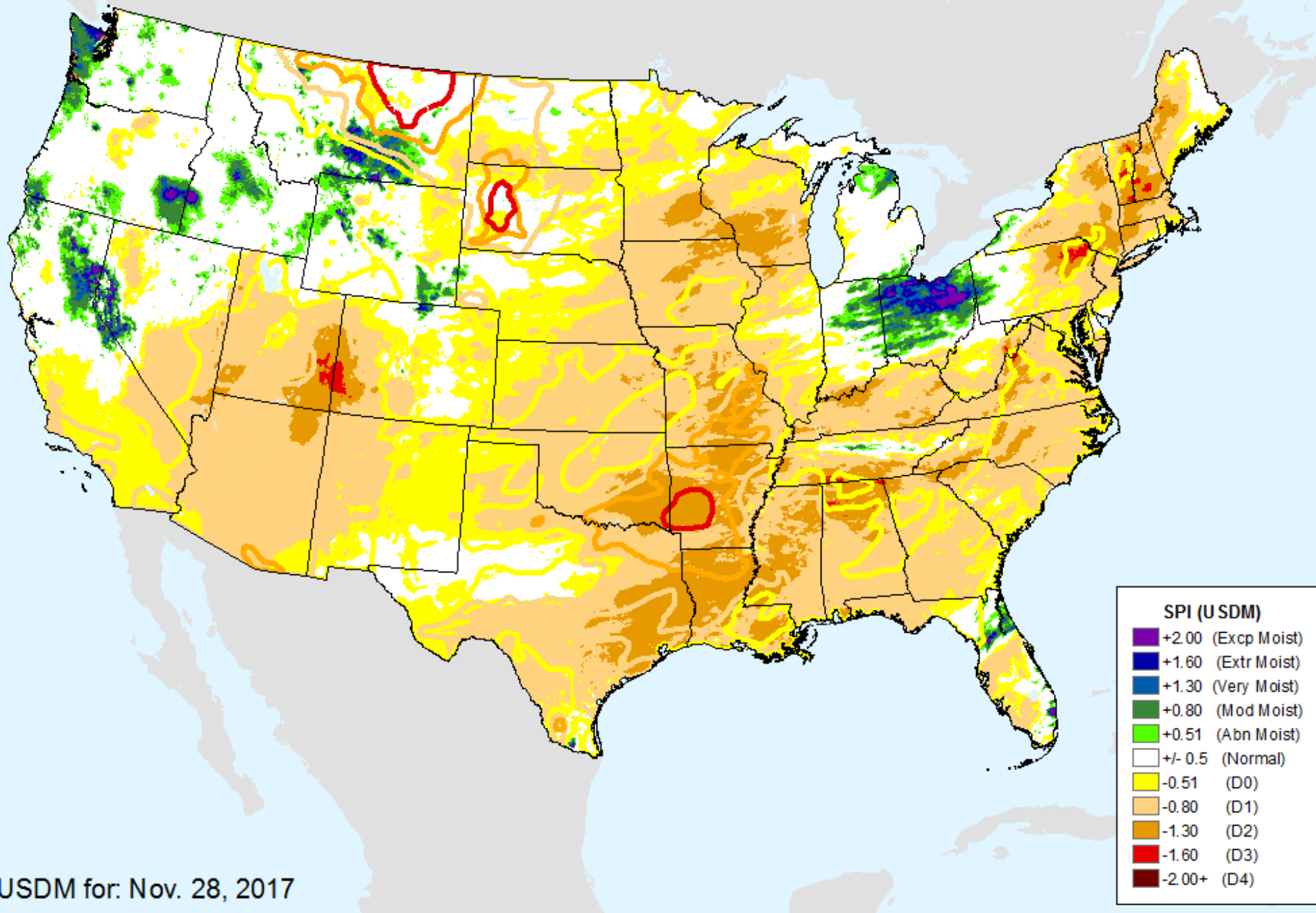
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 1-month SPI

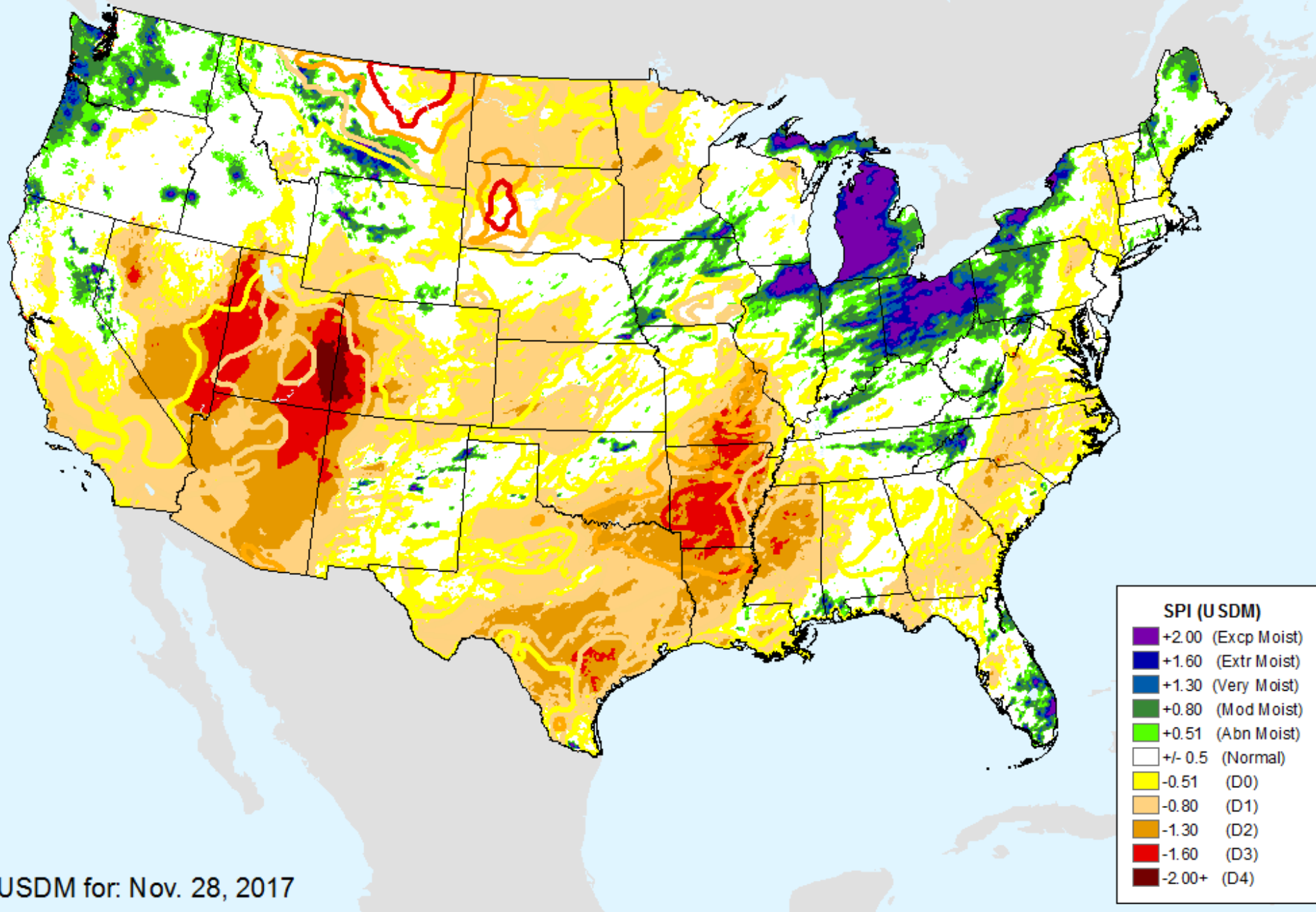
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

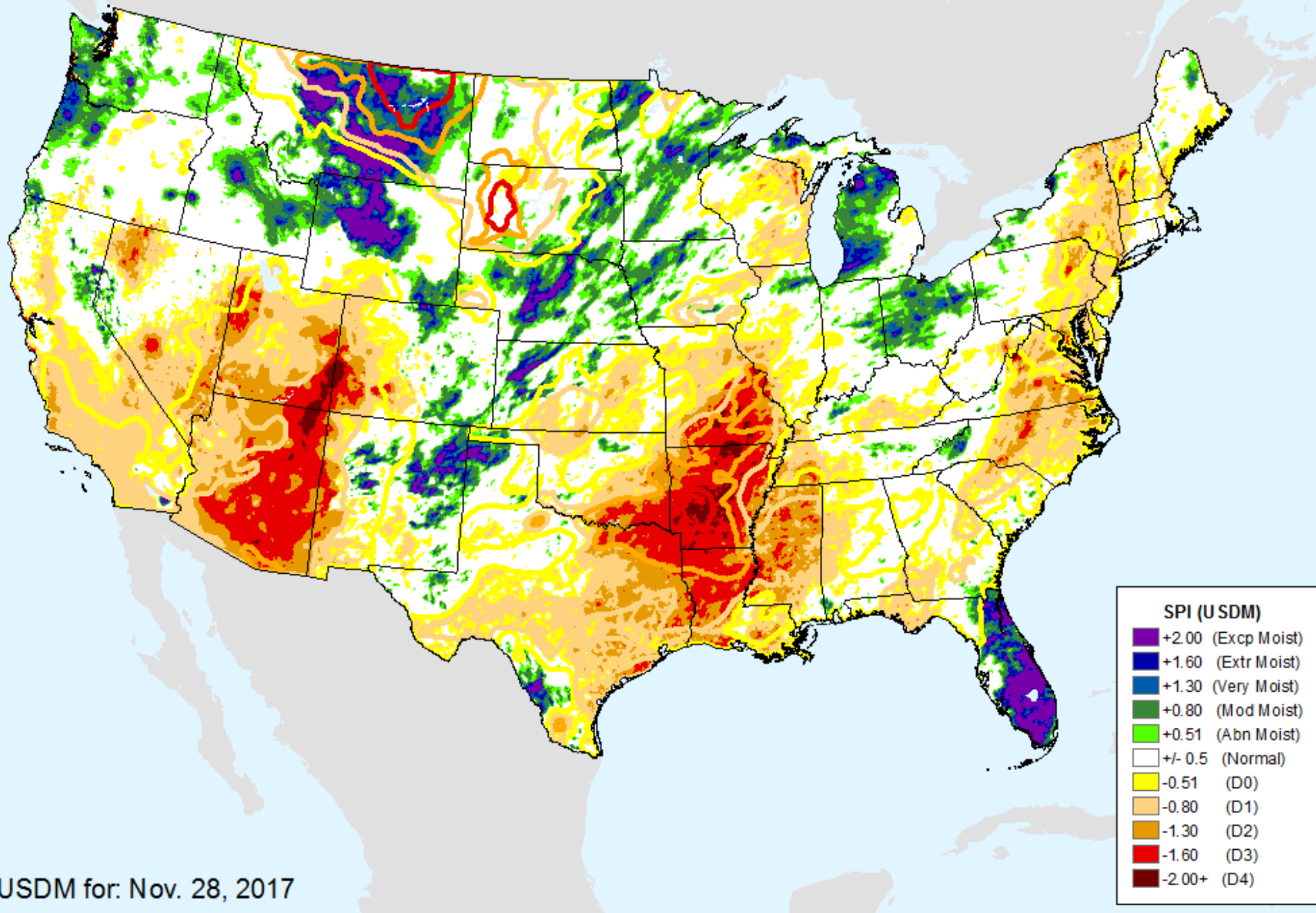
AHPS 2-month SPI

As of: Tuesday, December 5, 2017



AHPS 3-month SPI

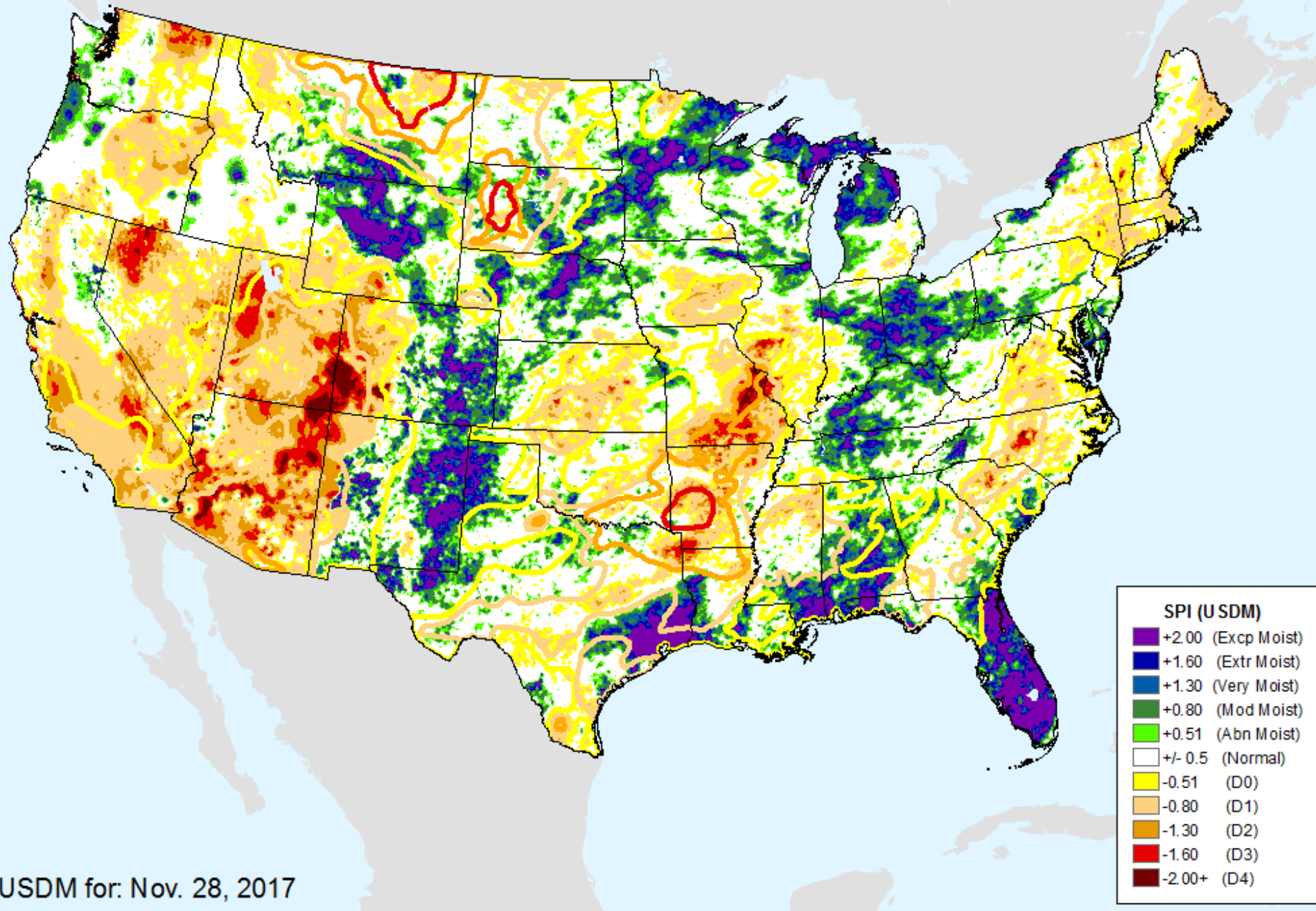
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 6-month SPI

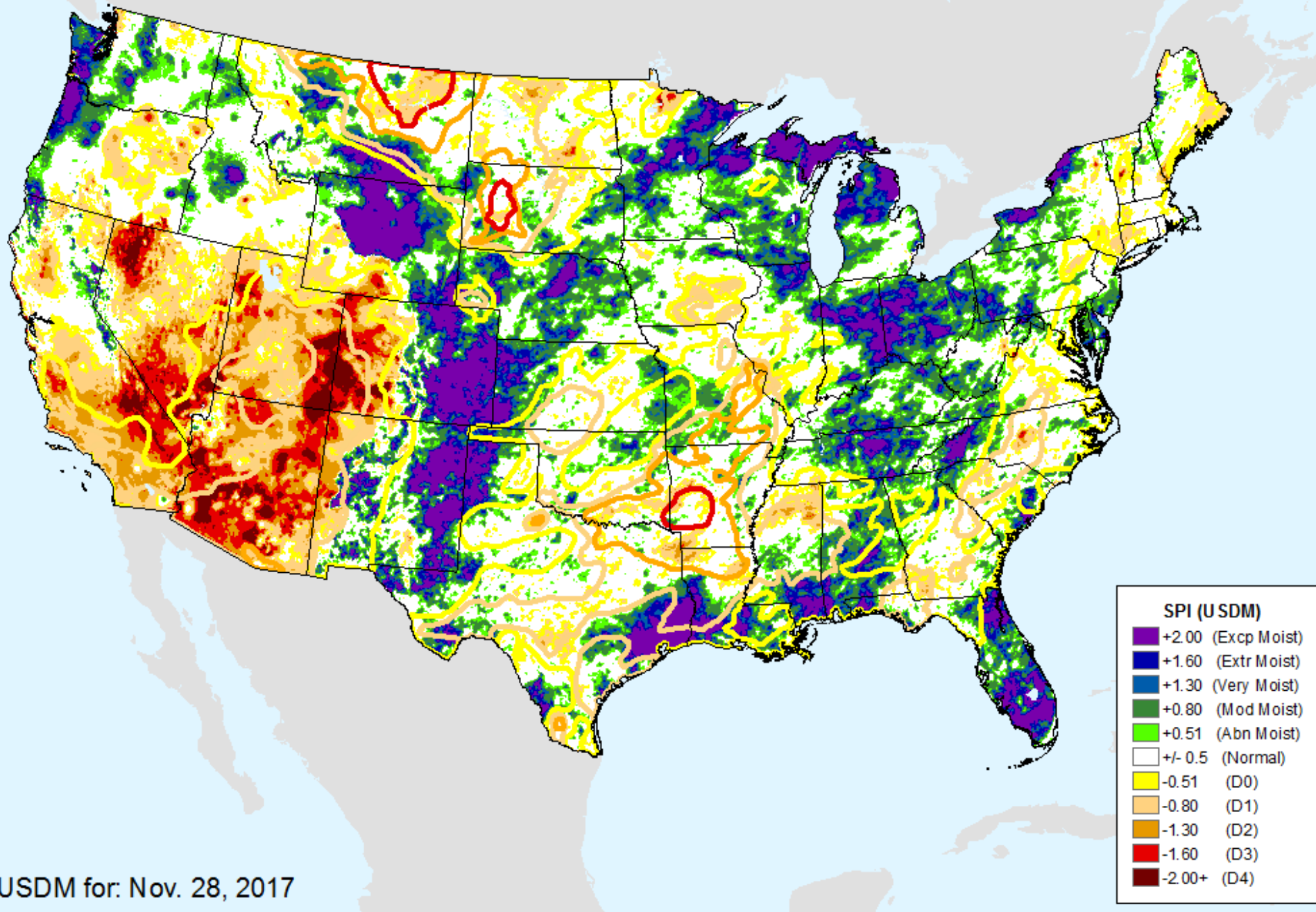
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

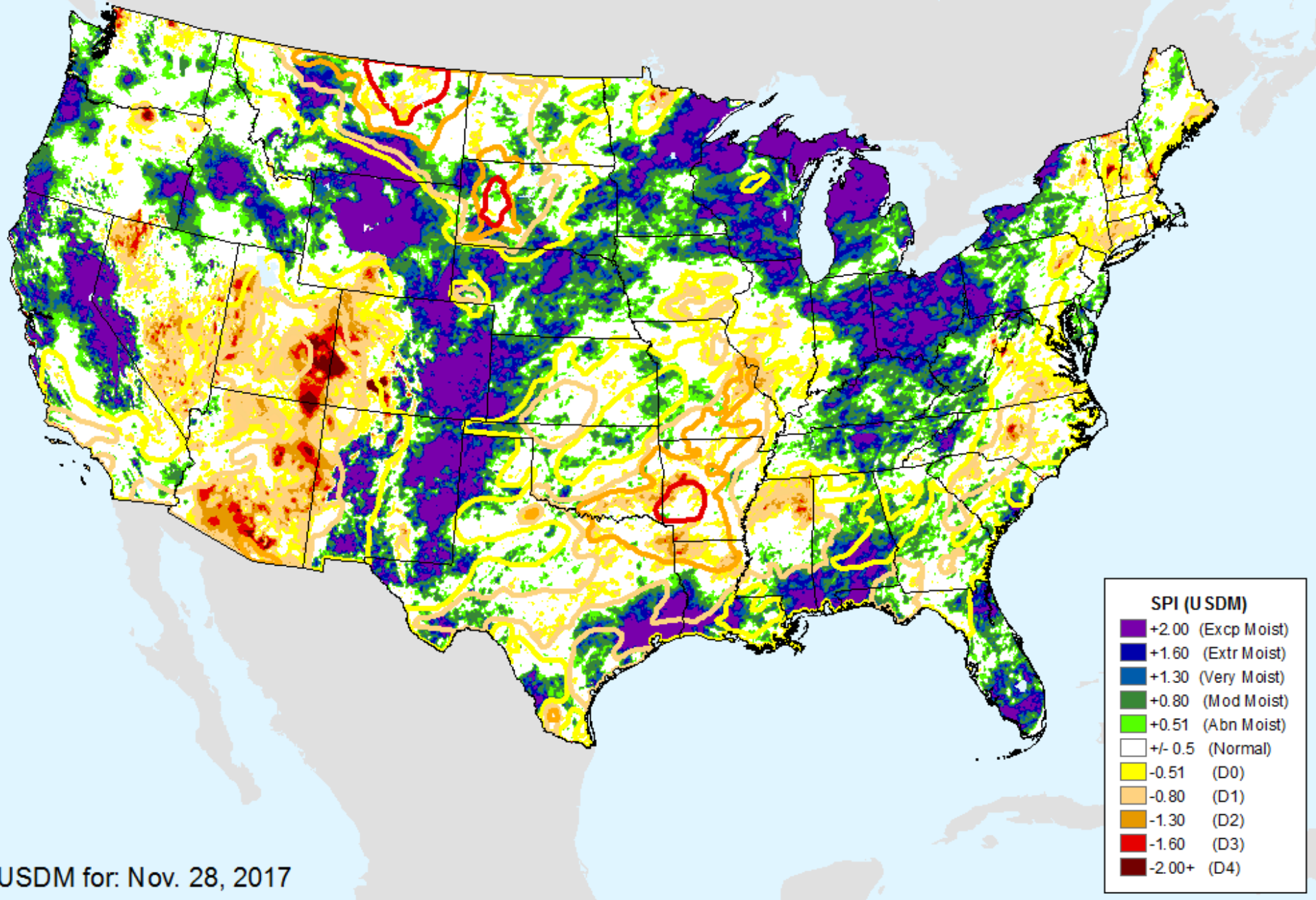
AHPS 9-month SPI

As of: Tuesday, December 5, 2017



AHPS 12-month SPI

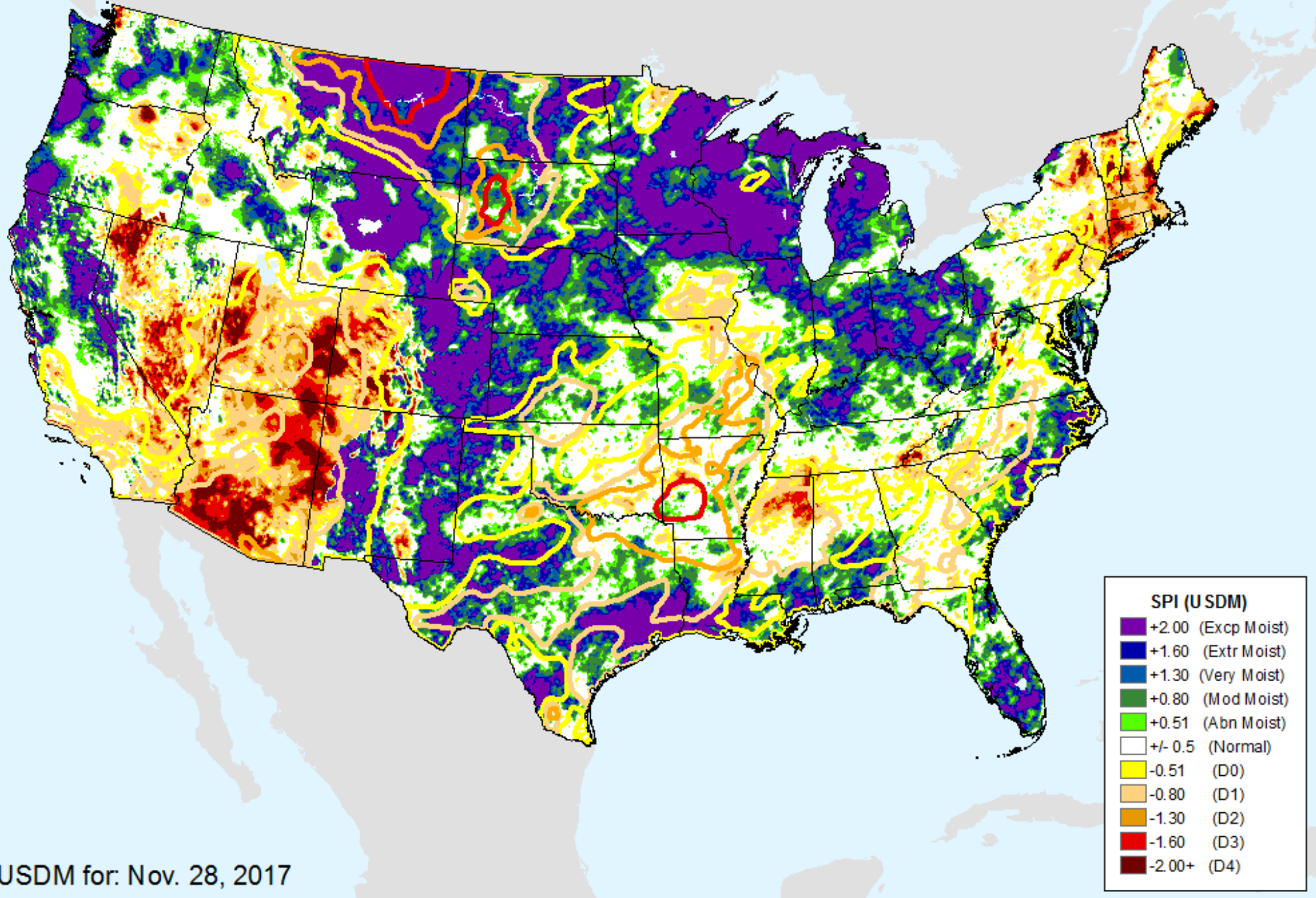
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 24-month SPI

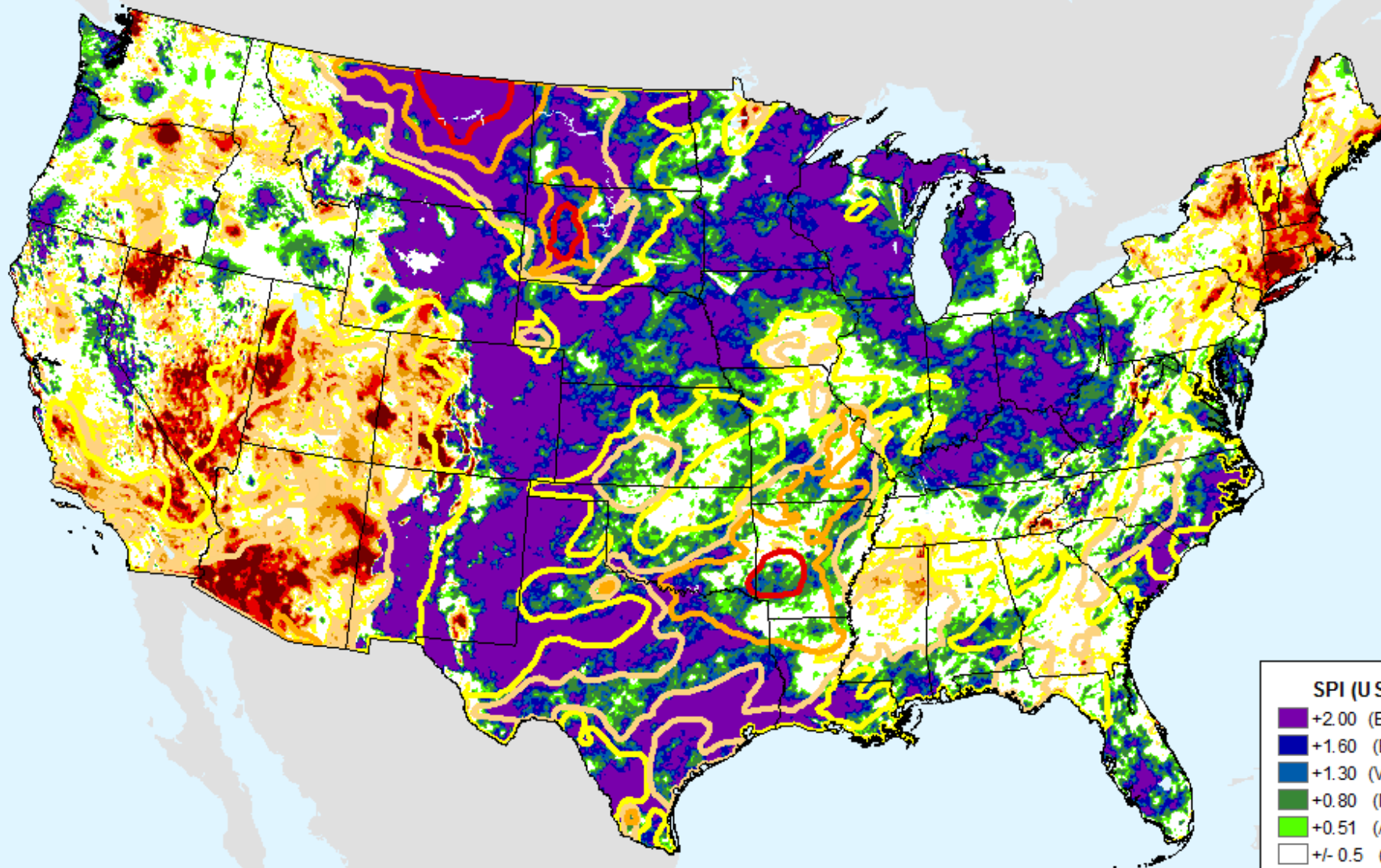
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 36-month SPI

As of: Tuesday, December 5, 2017



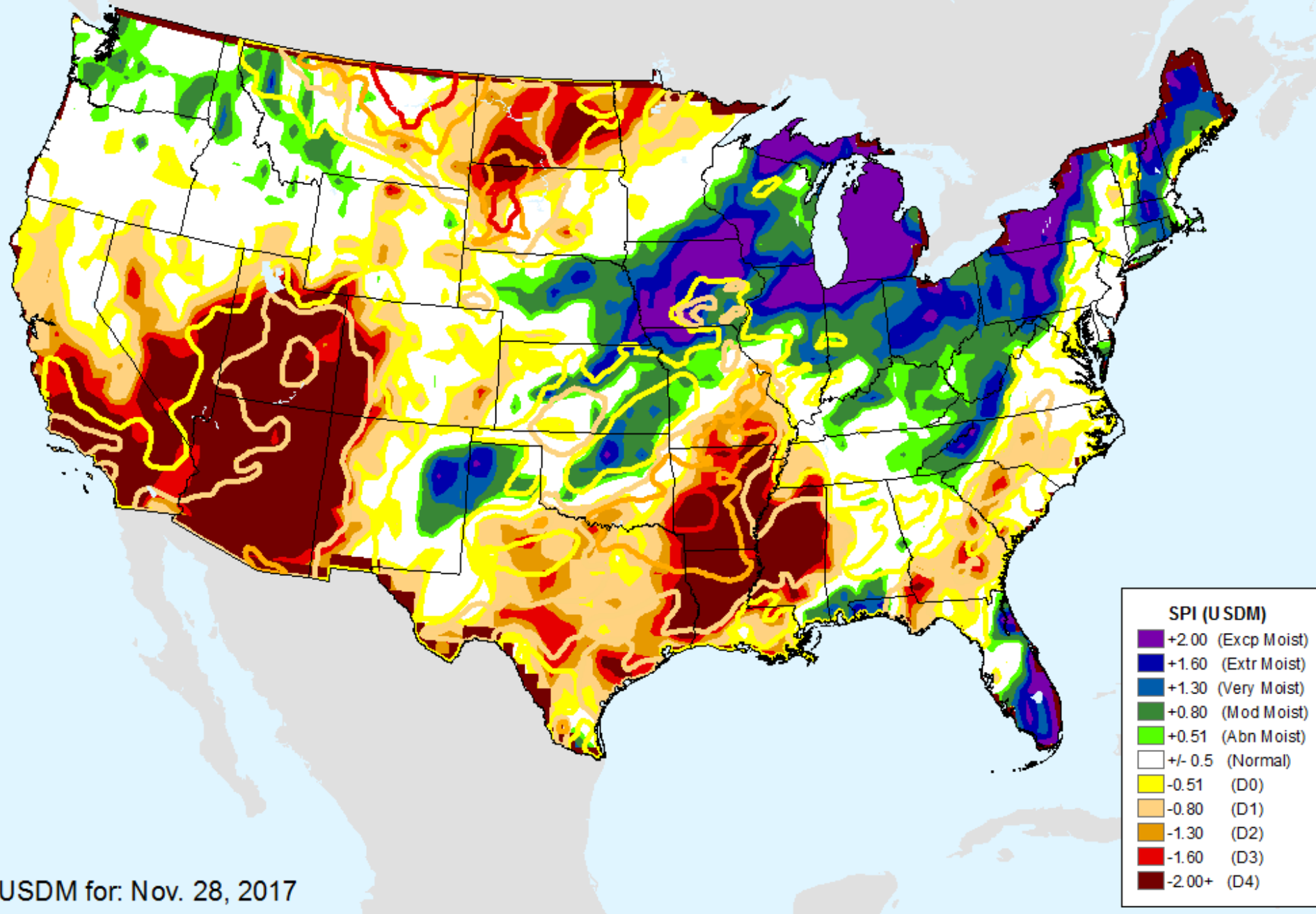
SPI (USDM)

- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

USDM for: Nov. 28, 2017

CPC 3-month SPI

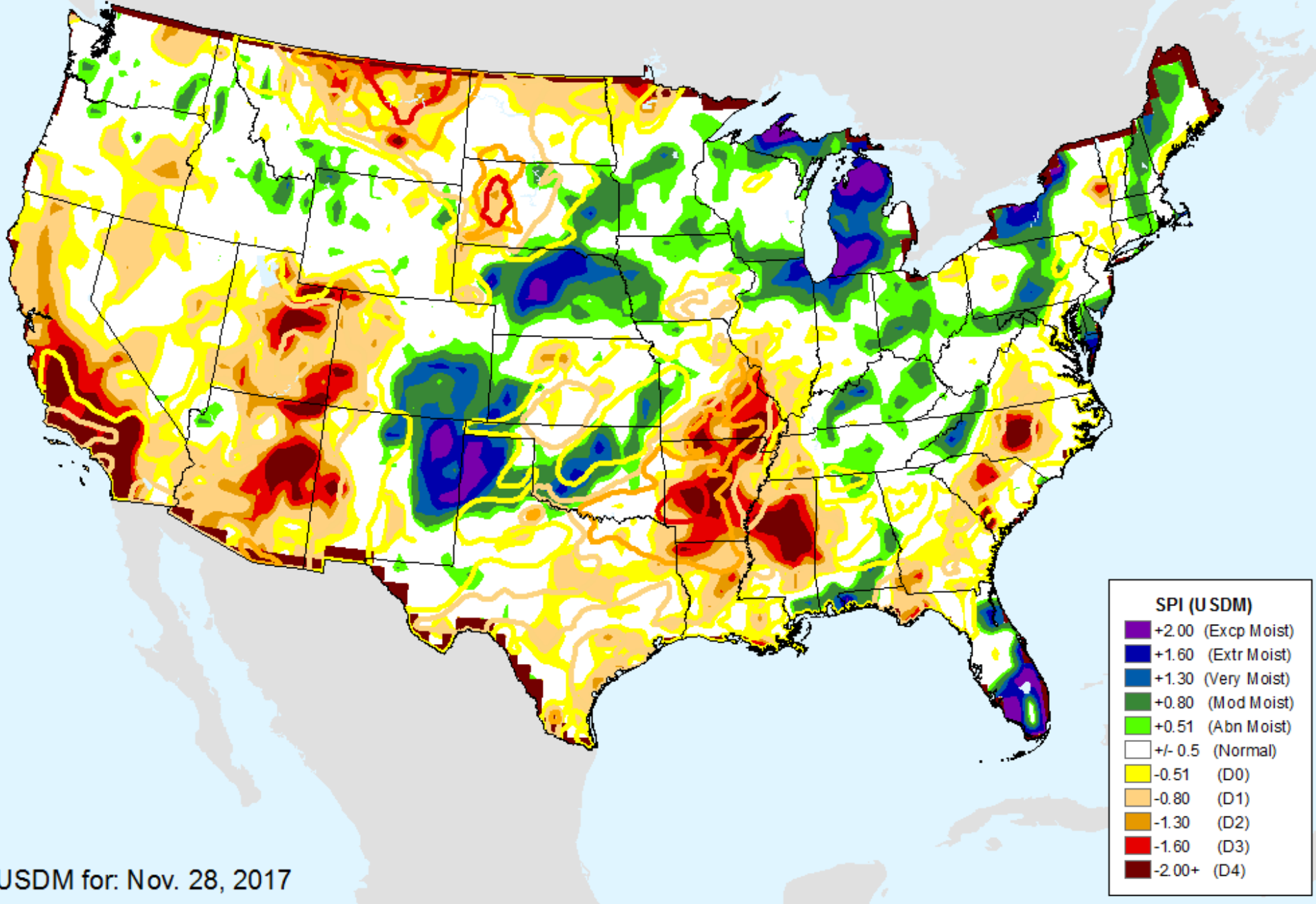
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

CPC 6-month SPI

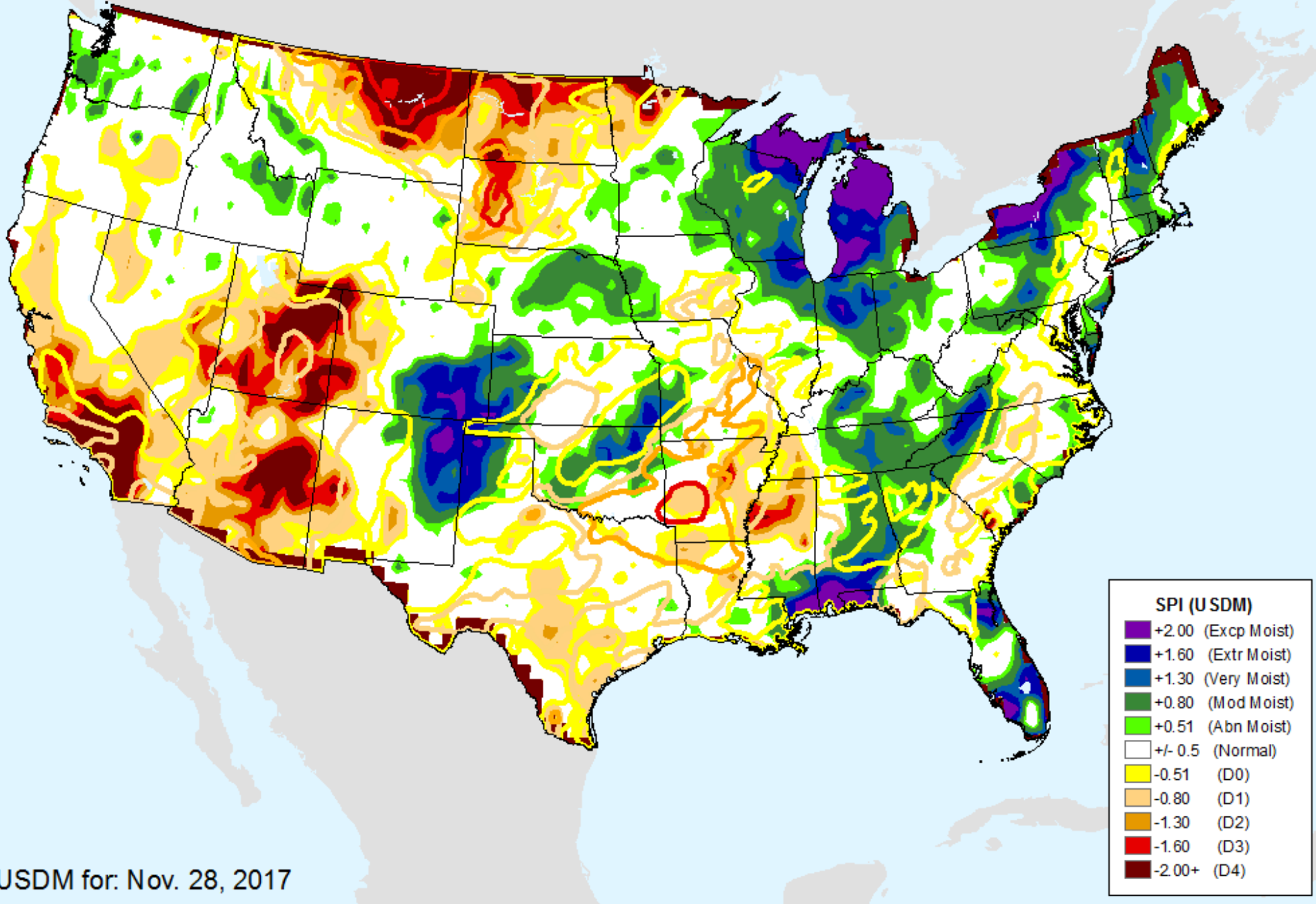
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

CPC 9-month SPI

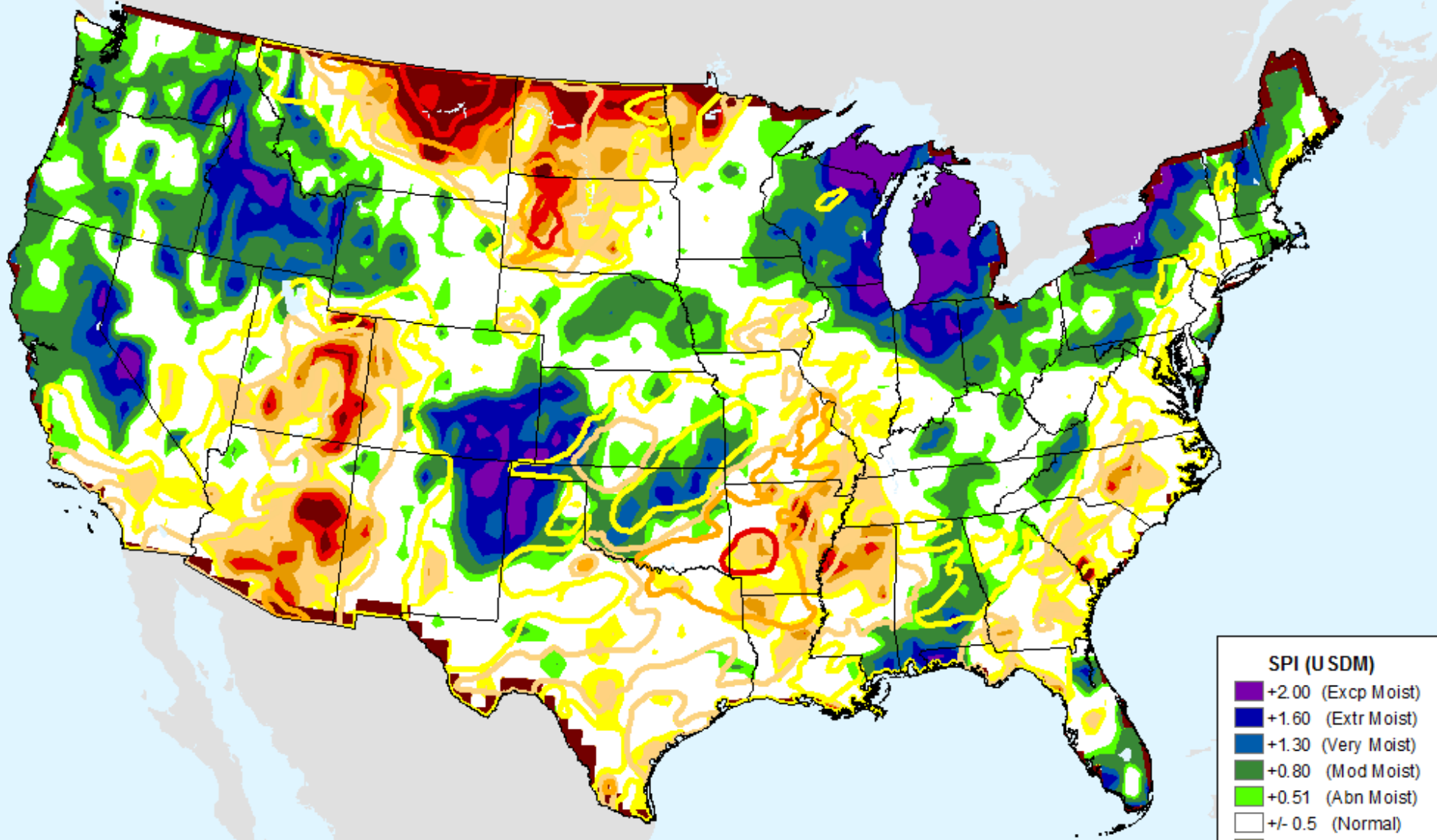
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

CPC 12-month SPI

As of: Tuesday, December 5, 2017

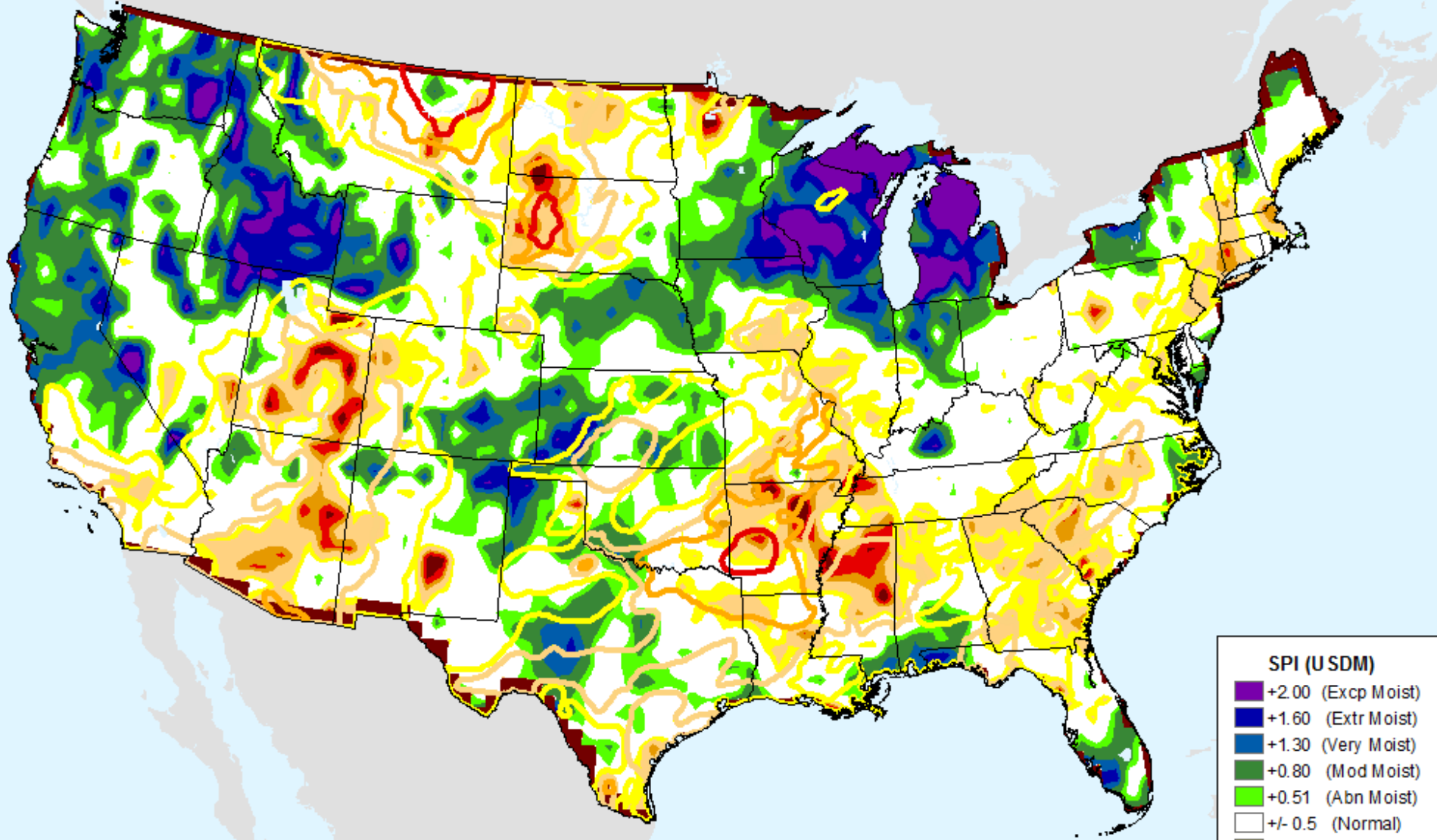


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Orange	-0.80 (D1)
Dark Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Nov. 28, 2017

CPC 24-month SPI

As of: Tuesday, December 5, 2017

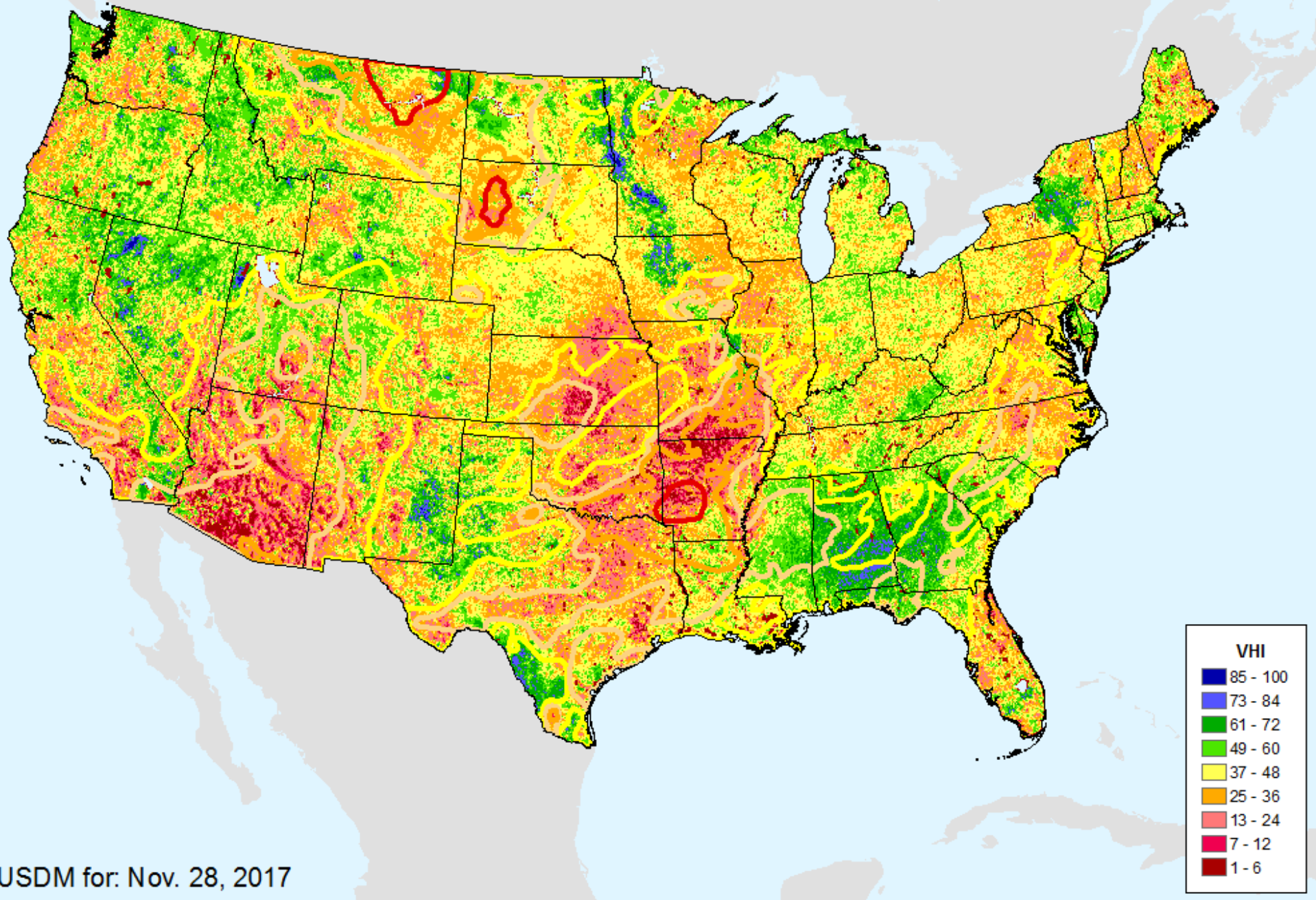


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Dark Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Nov. 28, 2017

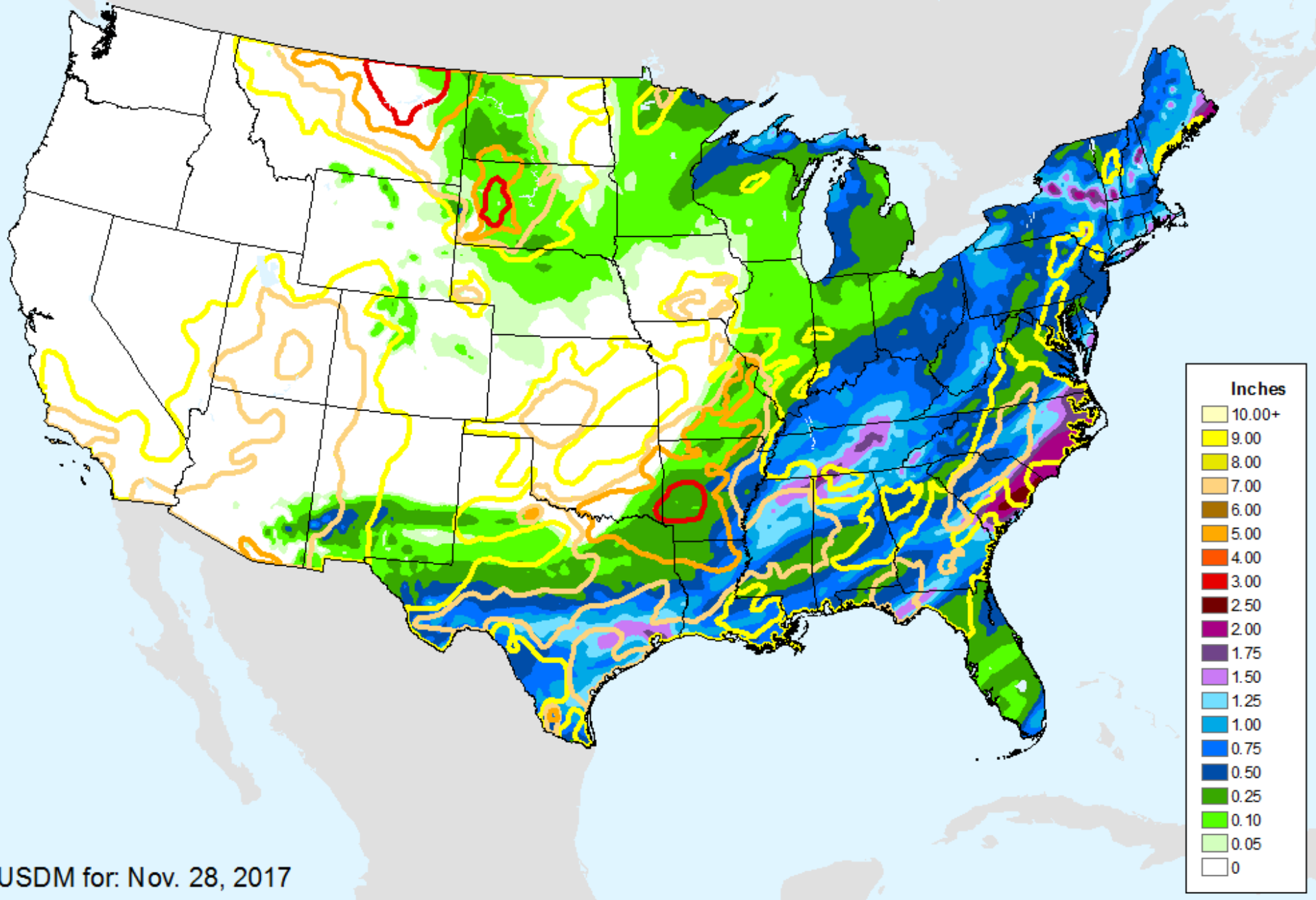
Vegetation Health Index

As of: Tuesday, December 5, 2017



GFS (00z) 7-Day Precip Forecast

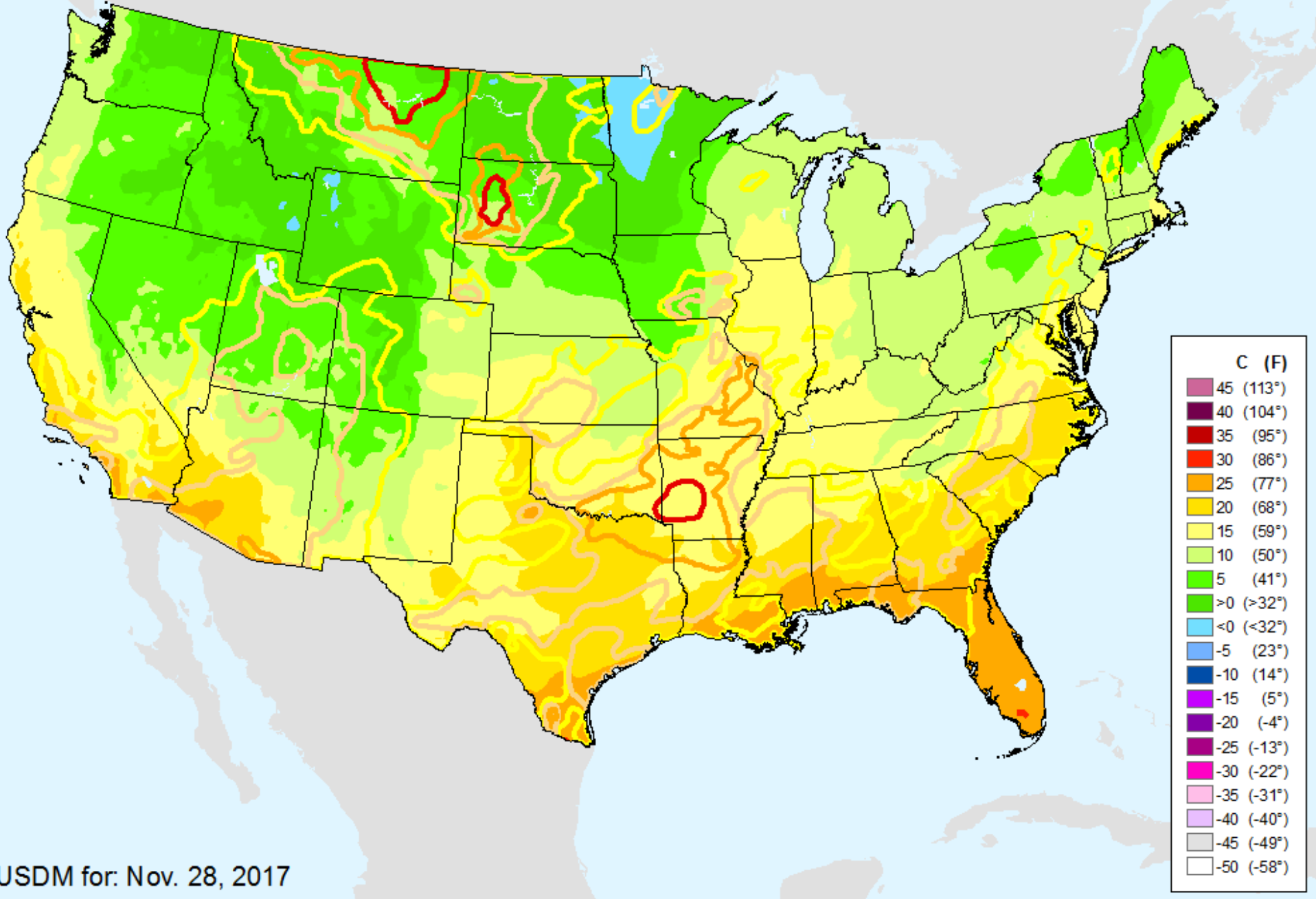
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

GFS (00z) 7-Day Max Temp Forecast

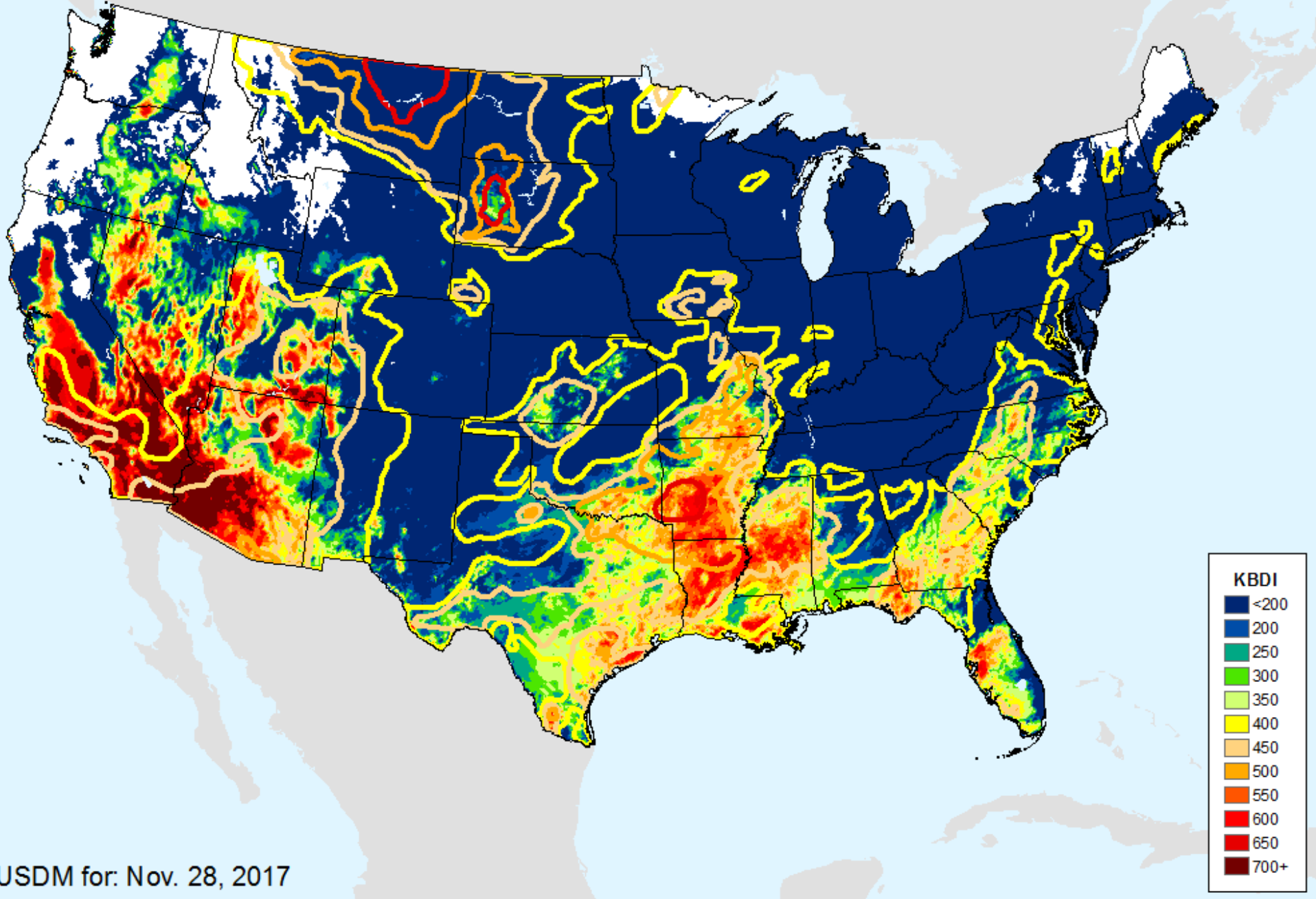
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

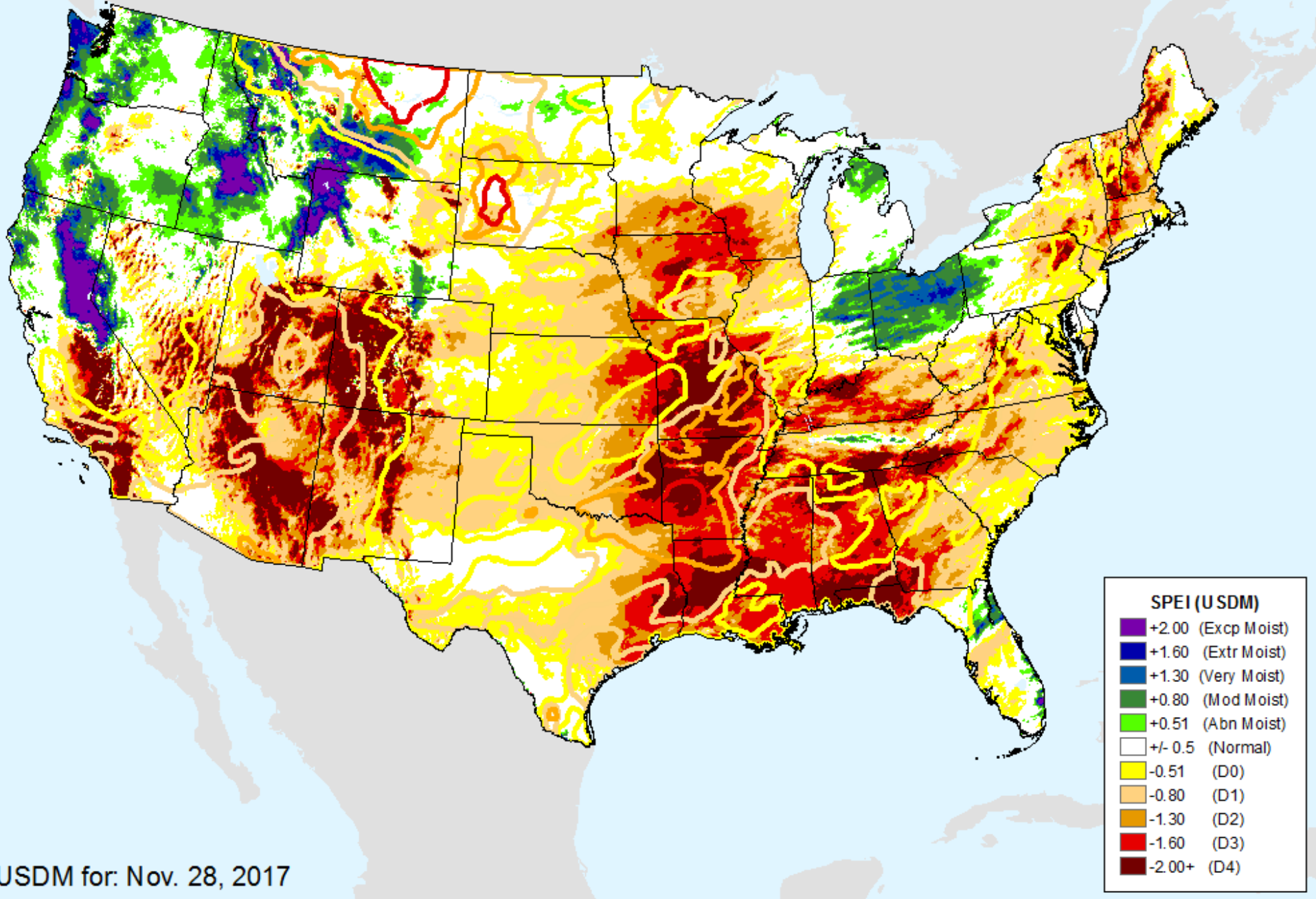
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, December 5, 2017



AHPS 1-month SPEI

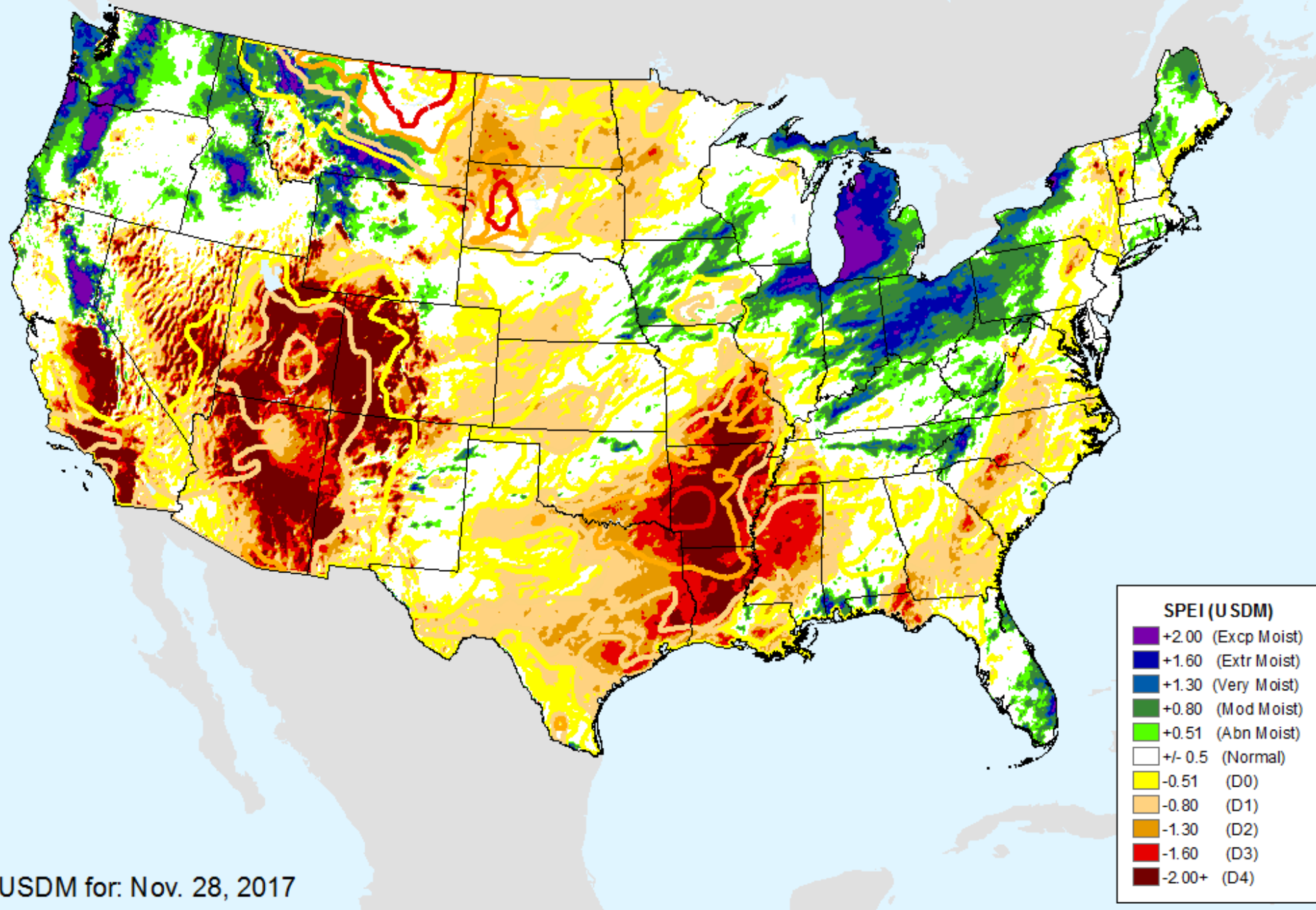
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

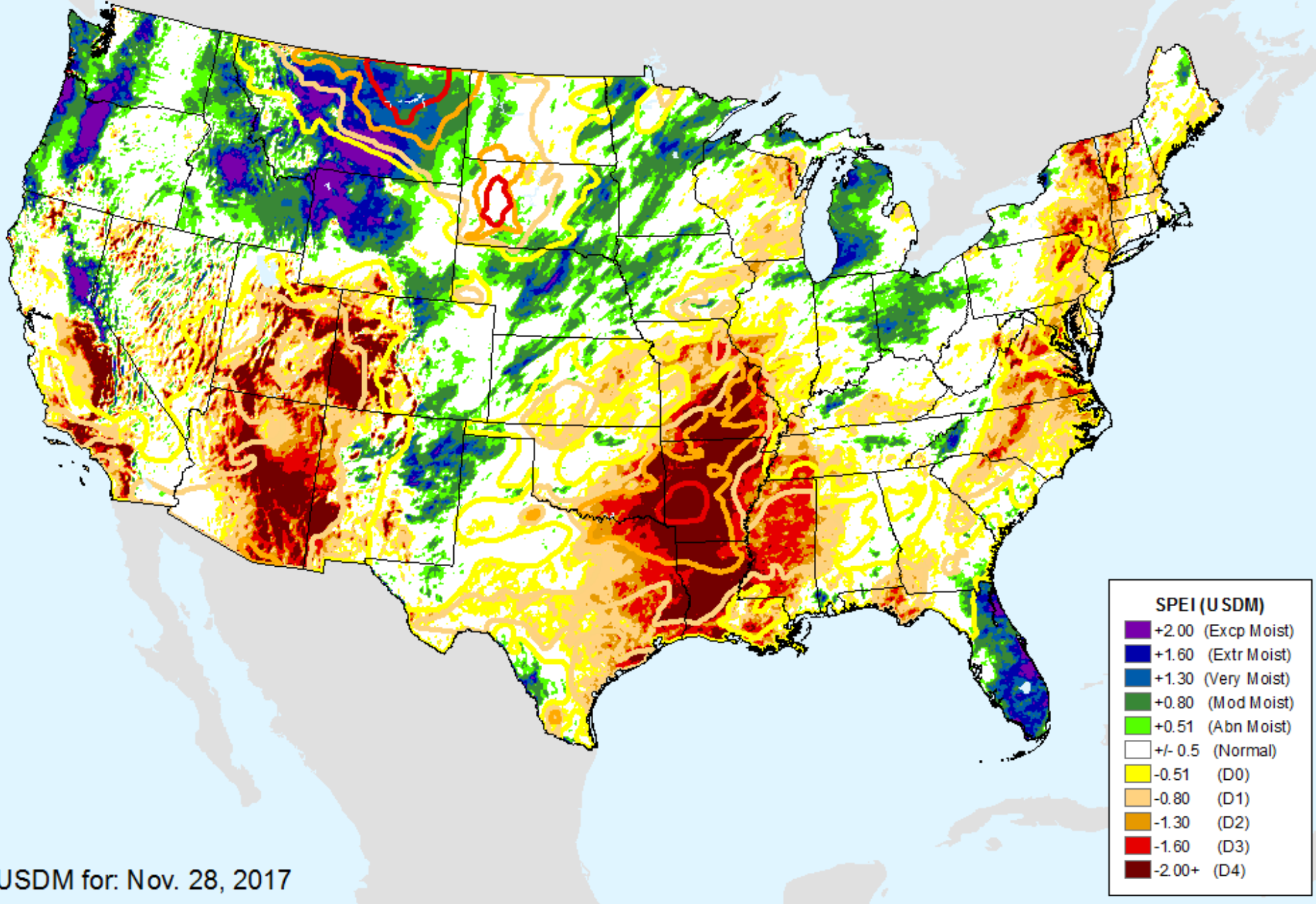
AHPS 2-month SPEI

As of: Tuesday, December 5, 2017



AHPS 3-month SPEI

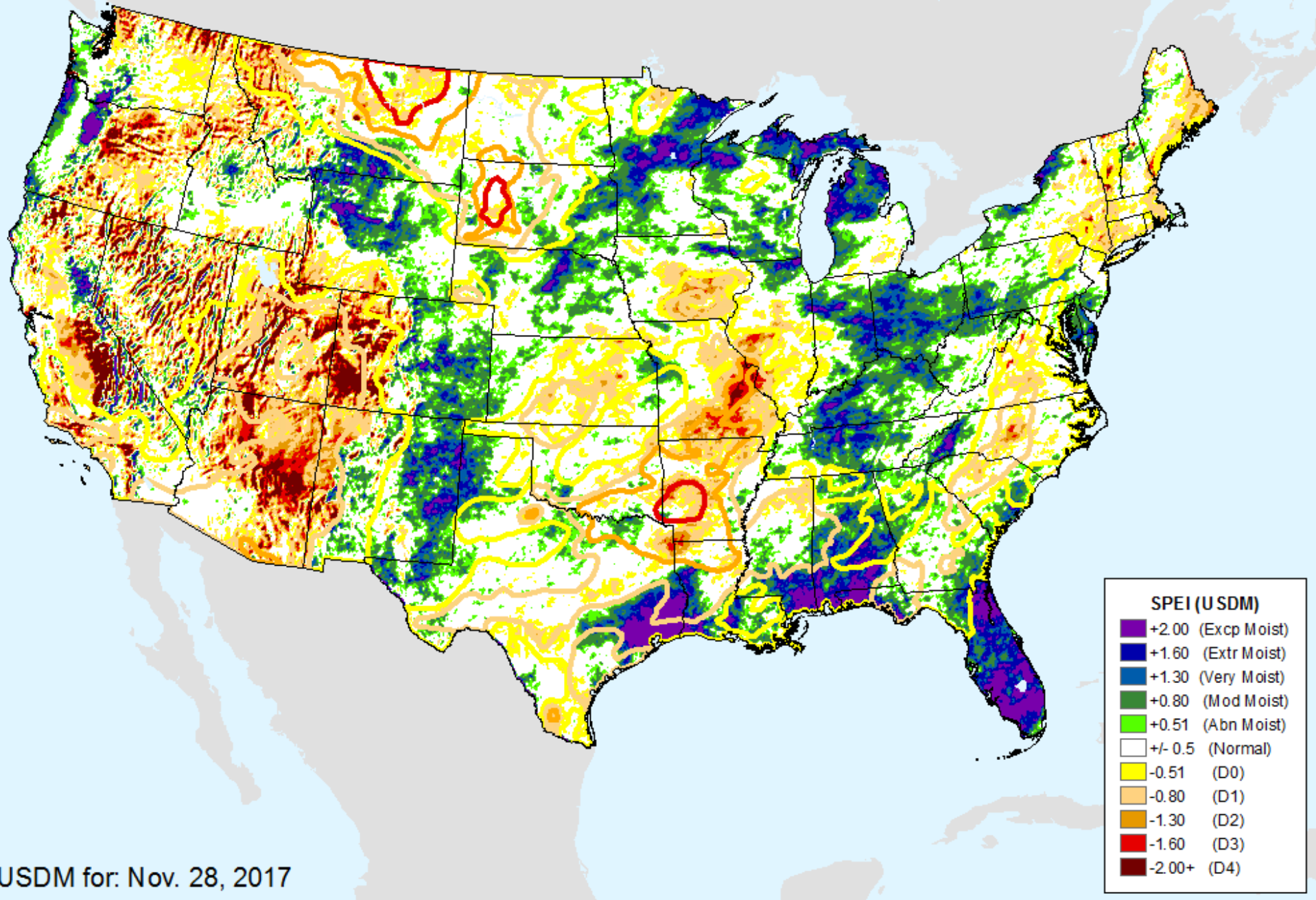
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

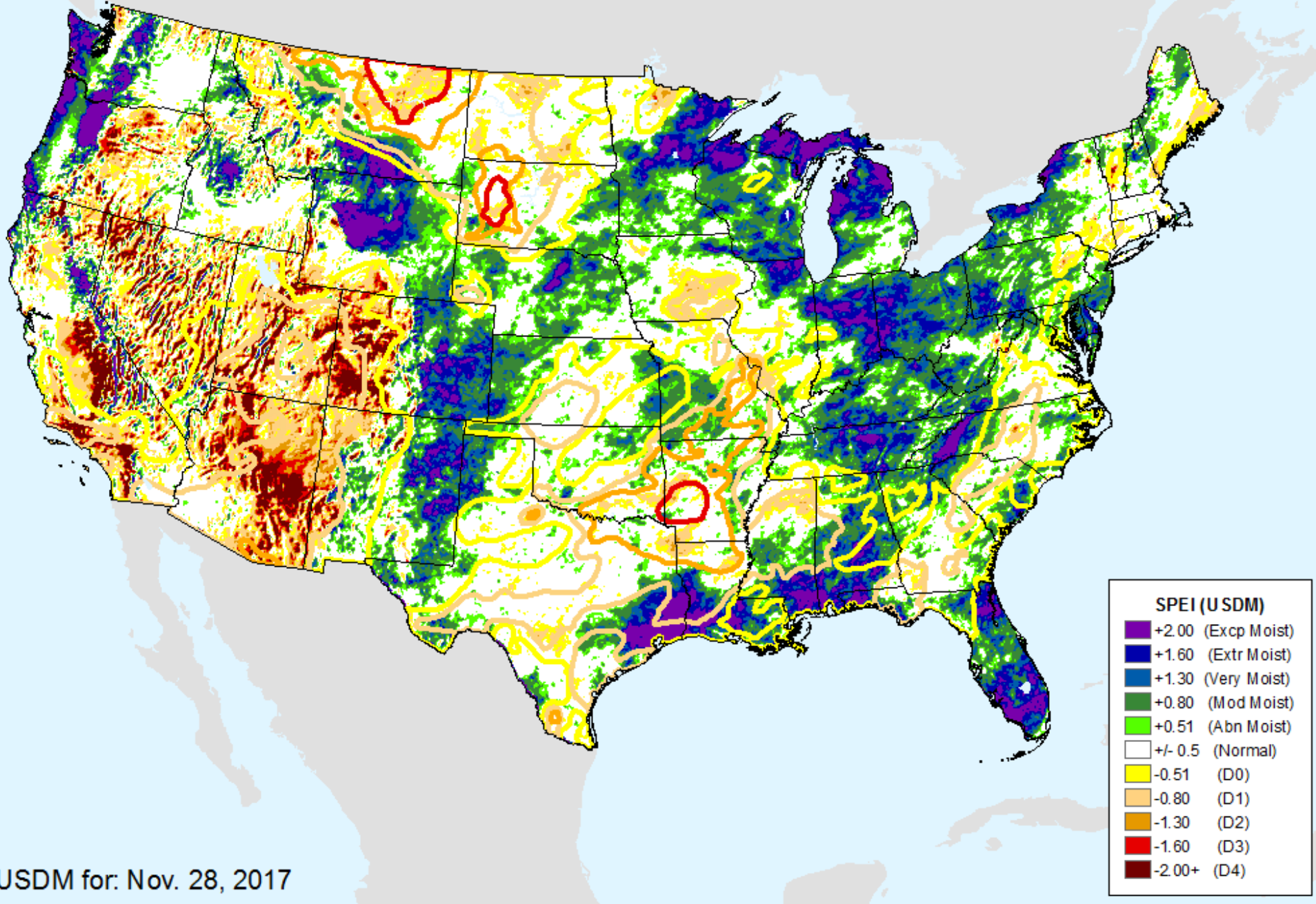
AHPS 6-month SPEI

As of: Tuesday, December 5, 2017



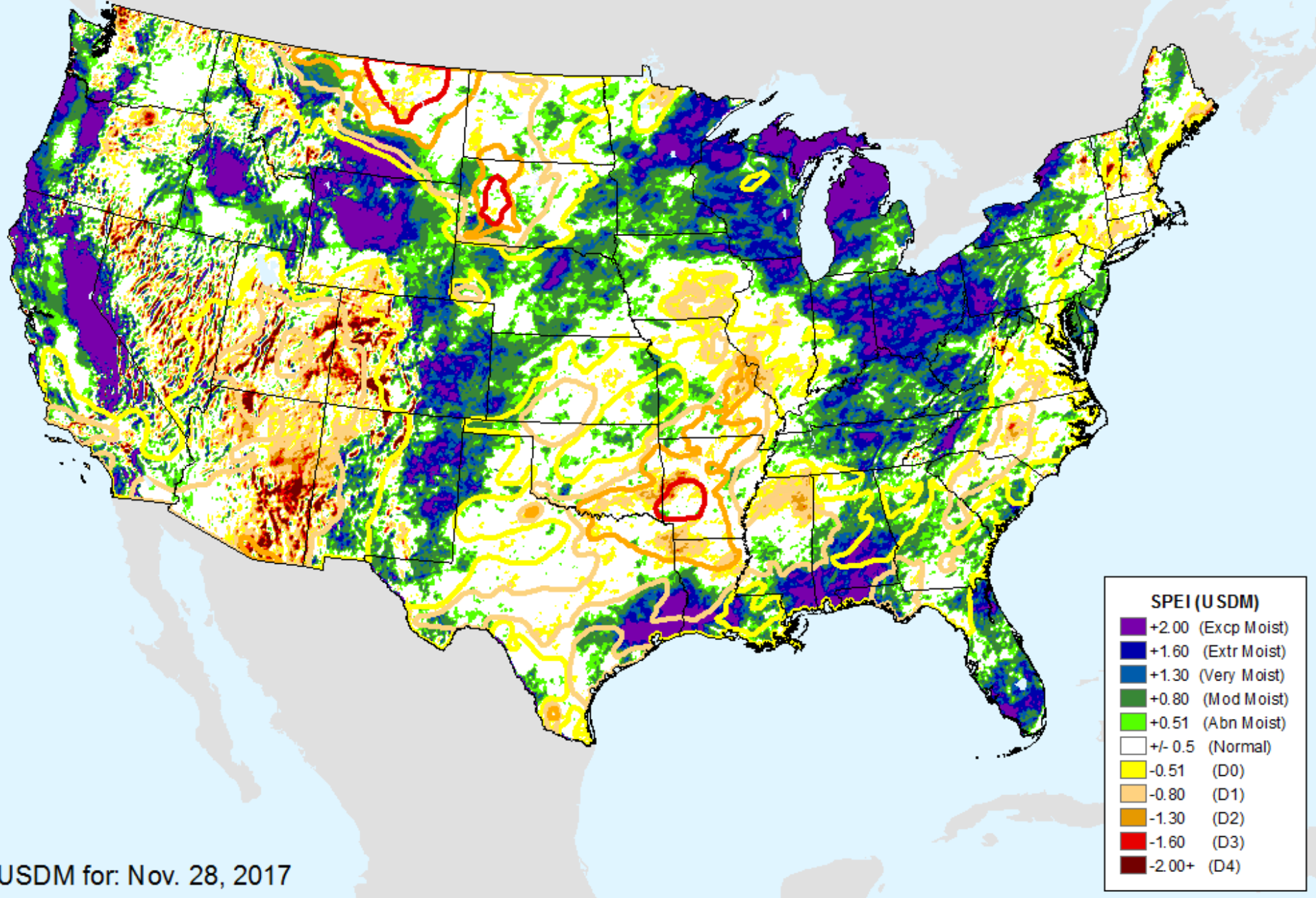
AHPS 9-month SPEI

As of: Tuesday, December 5, 2017



AHPS 12-month SPEI

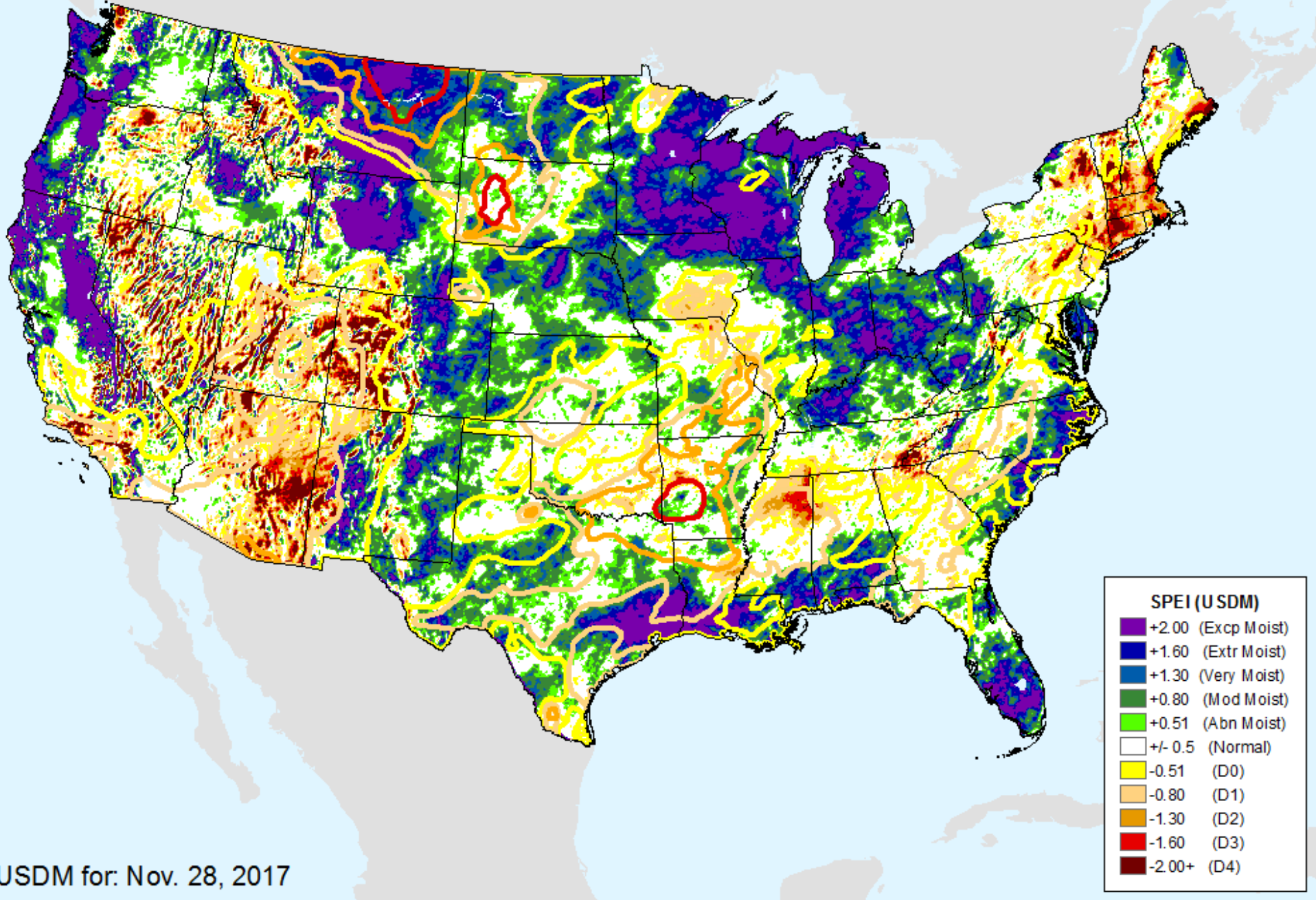
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 24-month SPEI

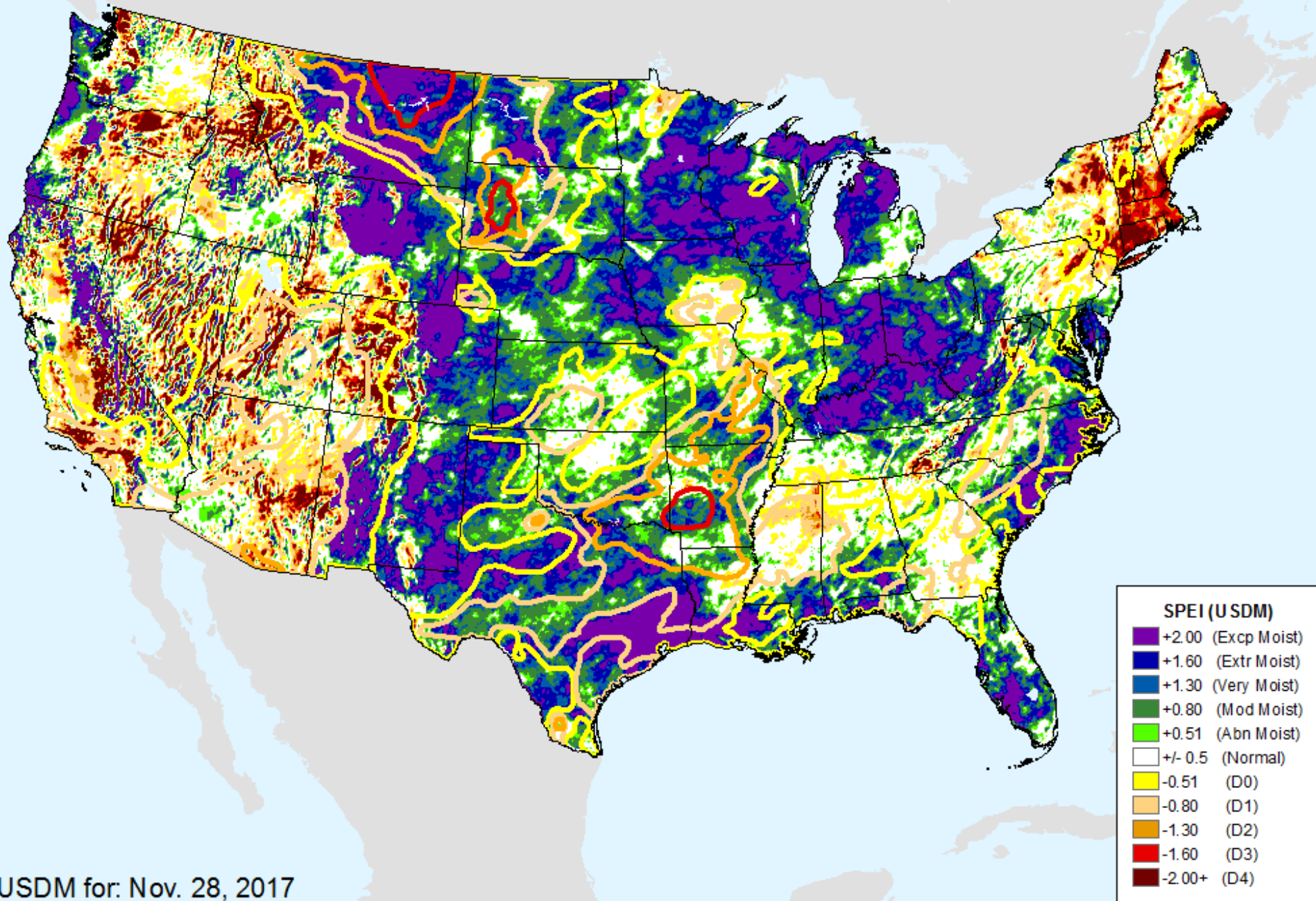
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

AHPS 36-month SPEI

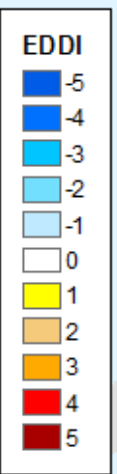
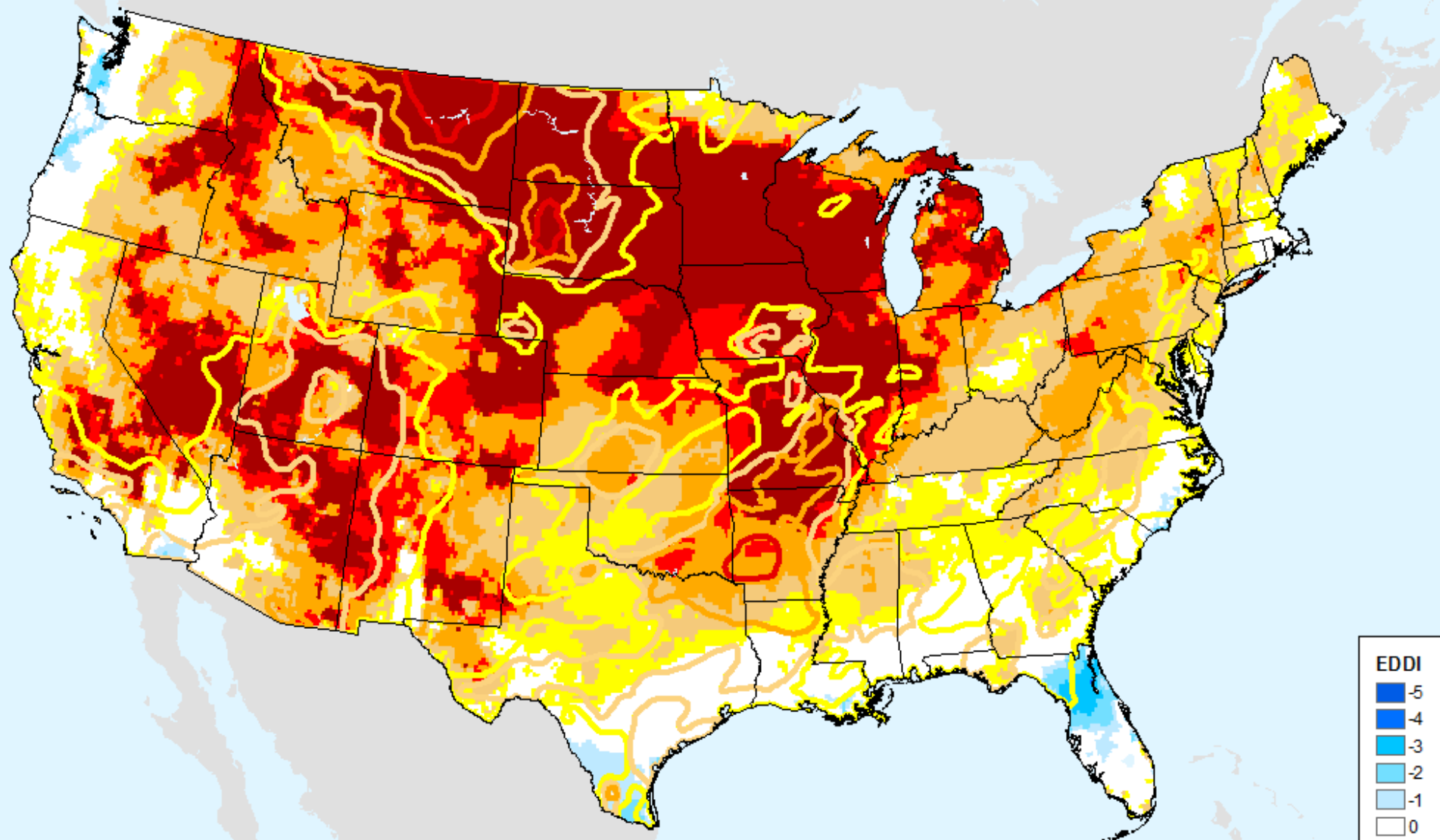
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 1-week

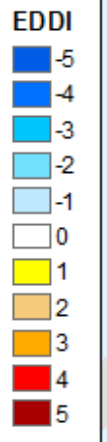
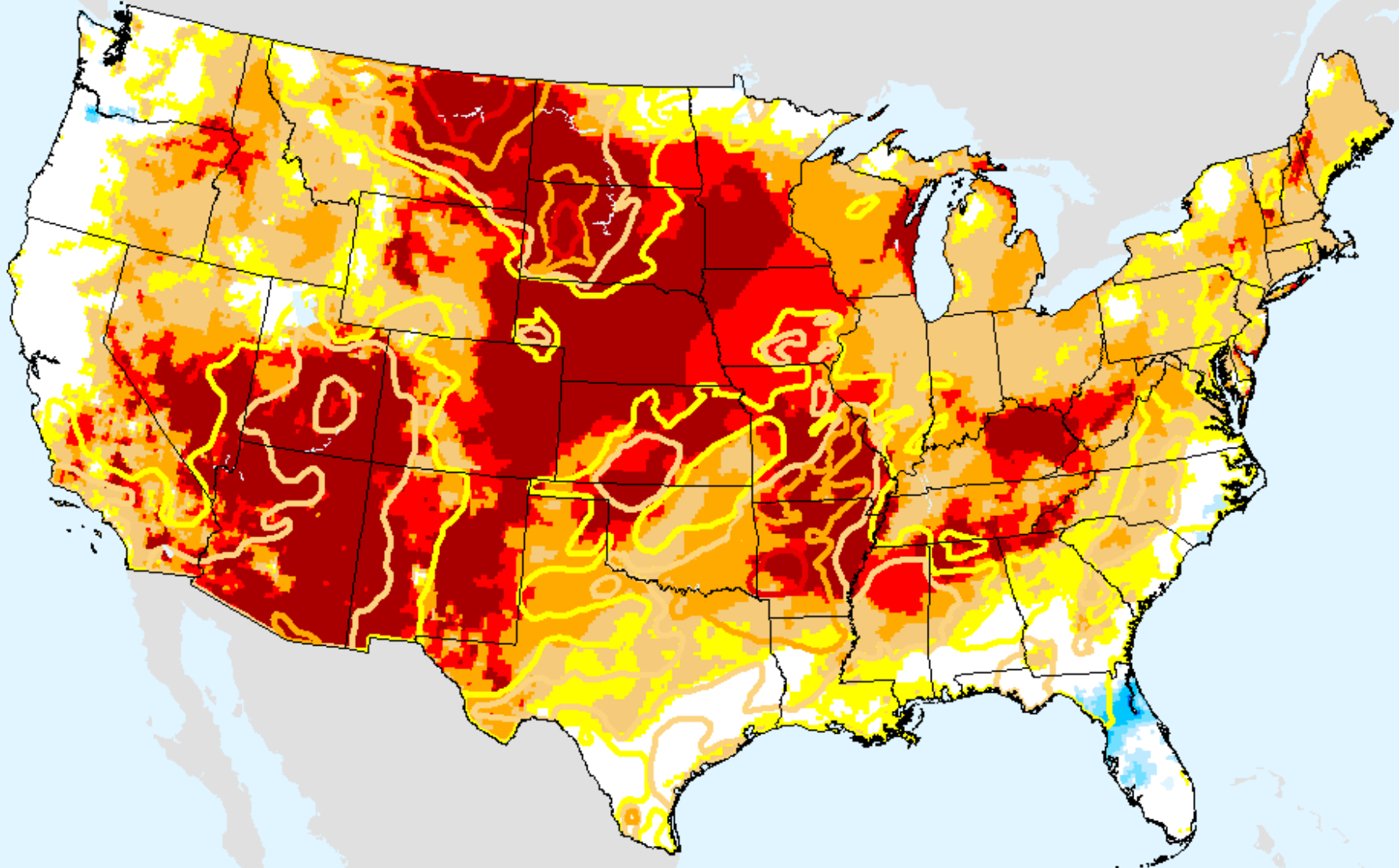
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 2-week

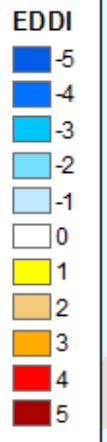
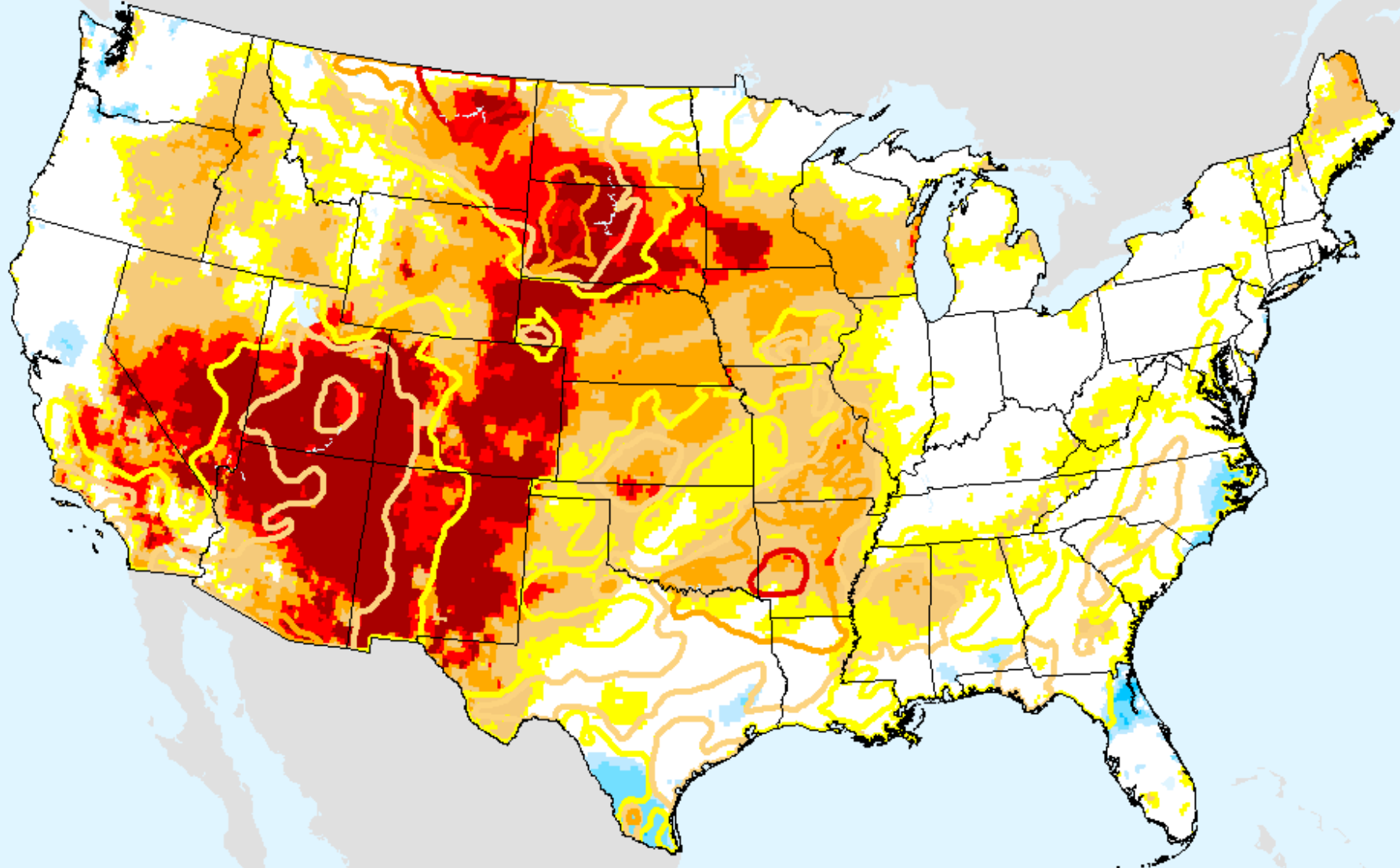
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 3-week

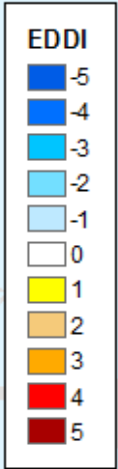
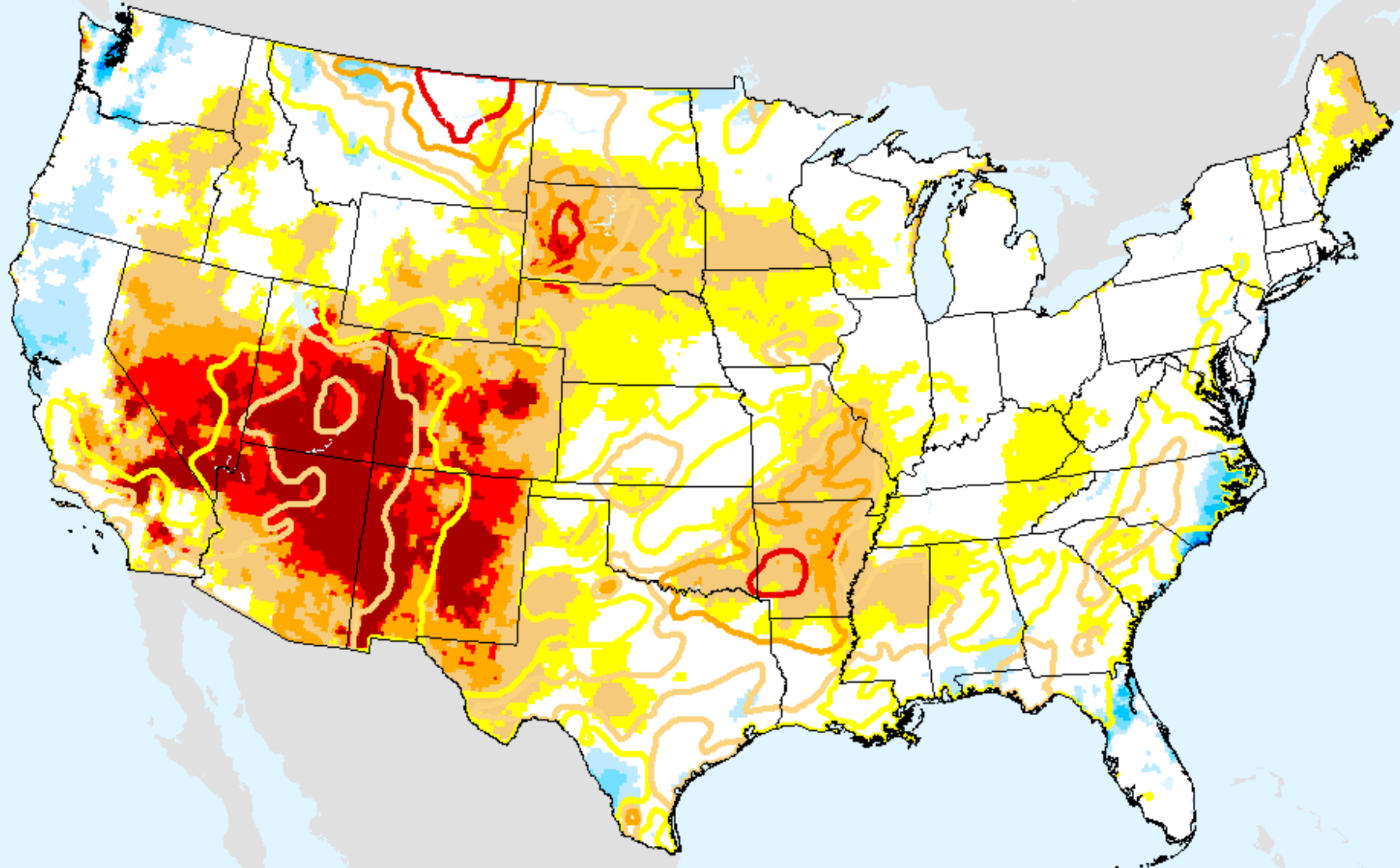
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 4-week

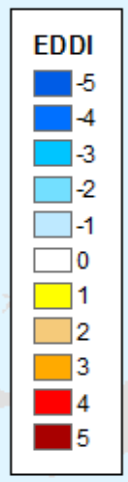
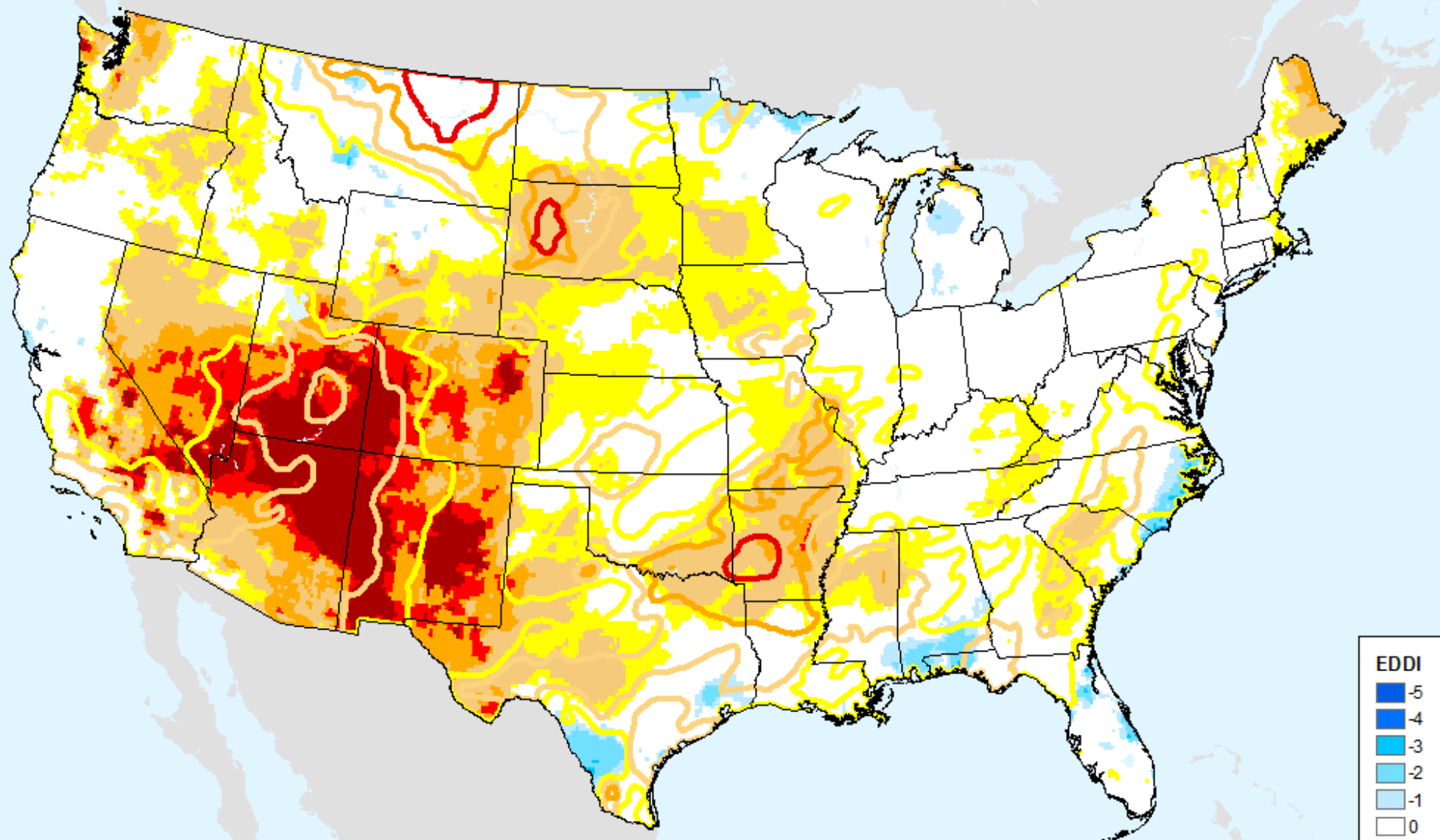
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 5-week

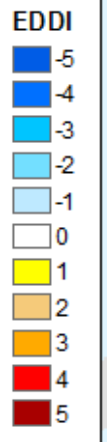
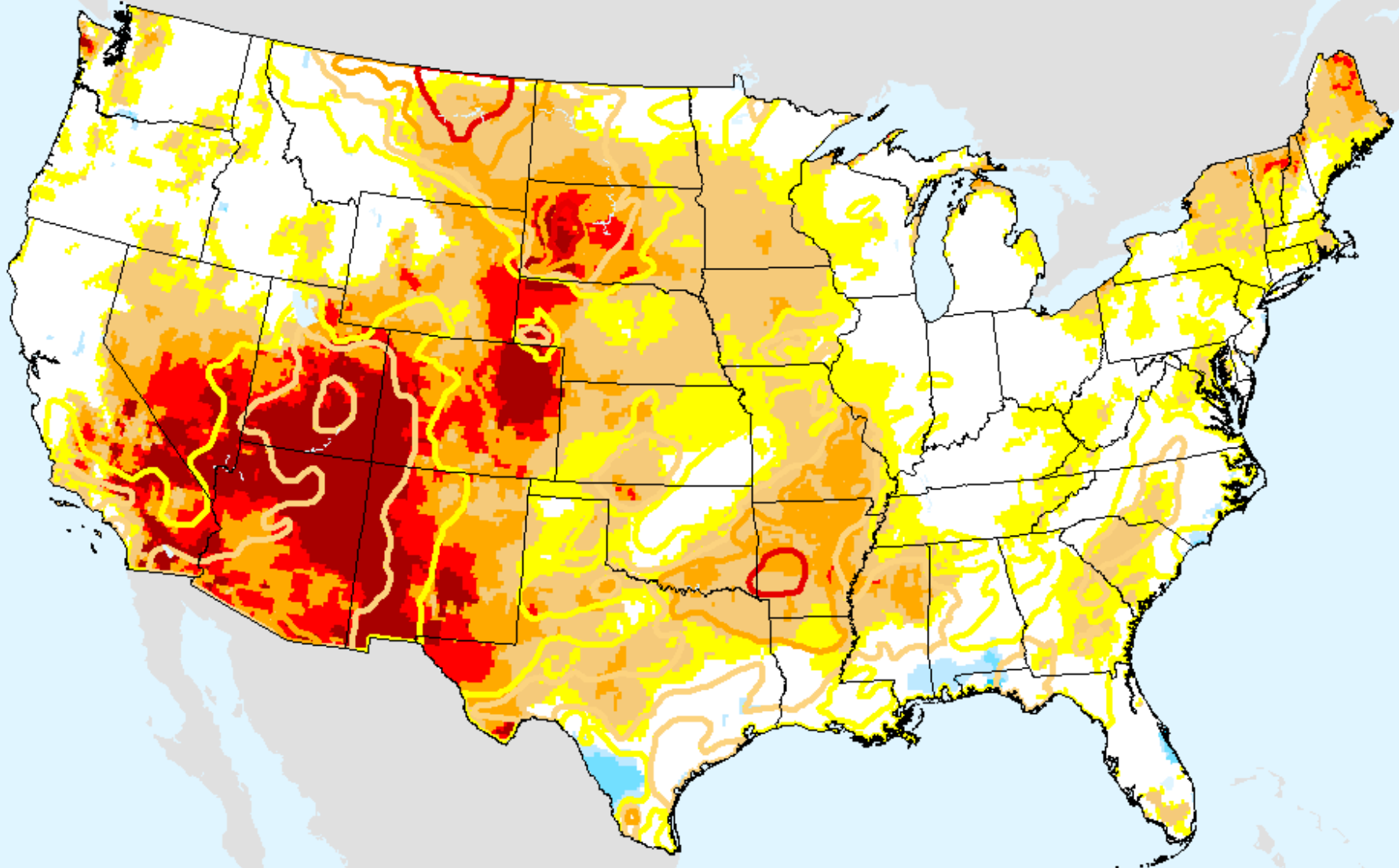
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 6-week

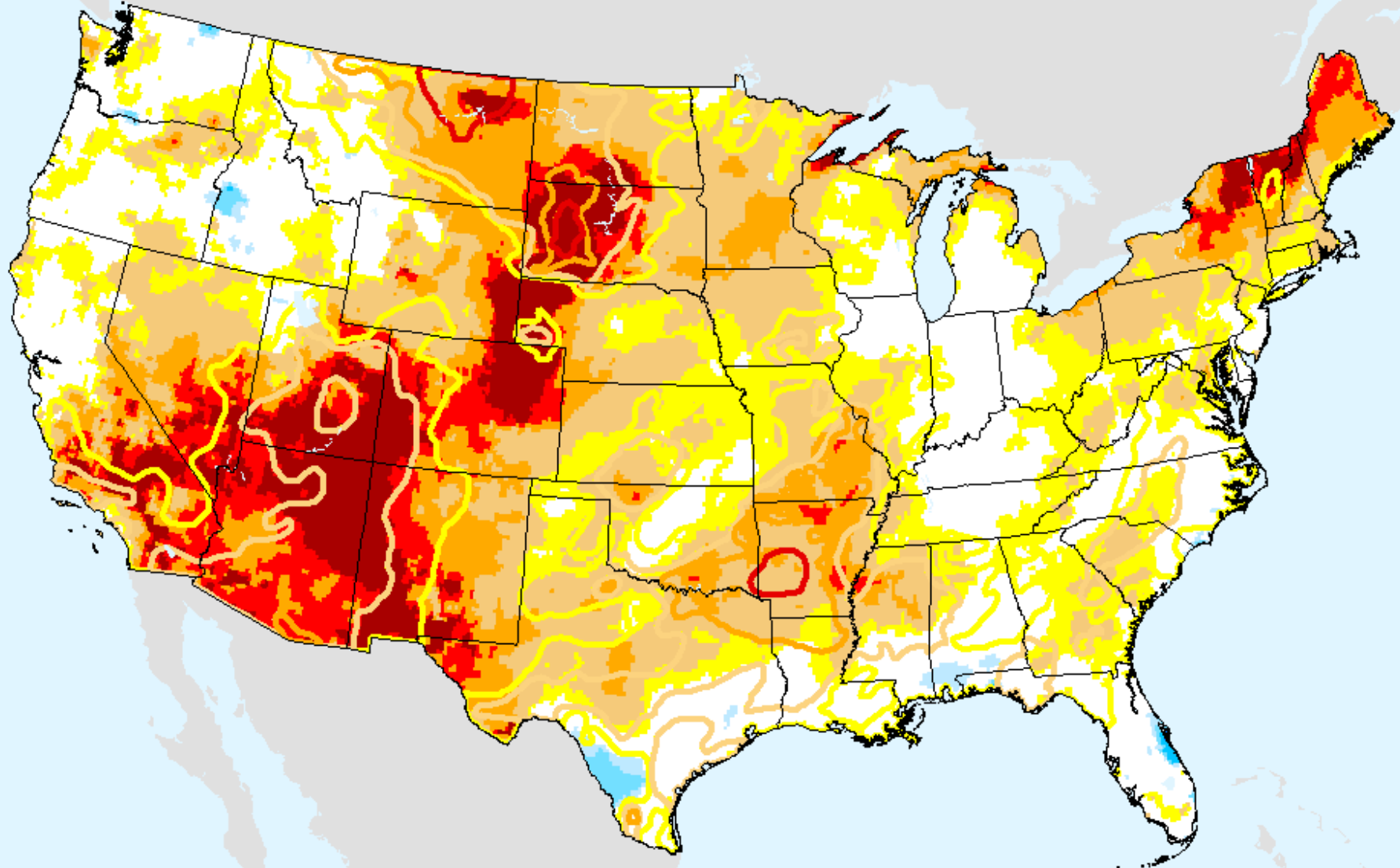
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 7-week

As of: Tuesday, December 5, 2017



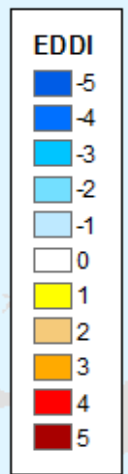
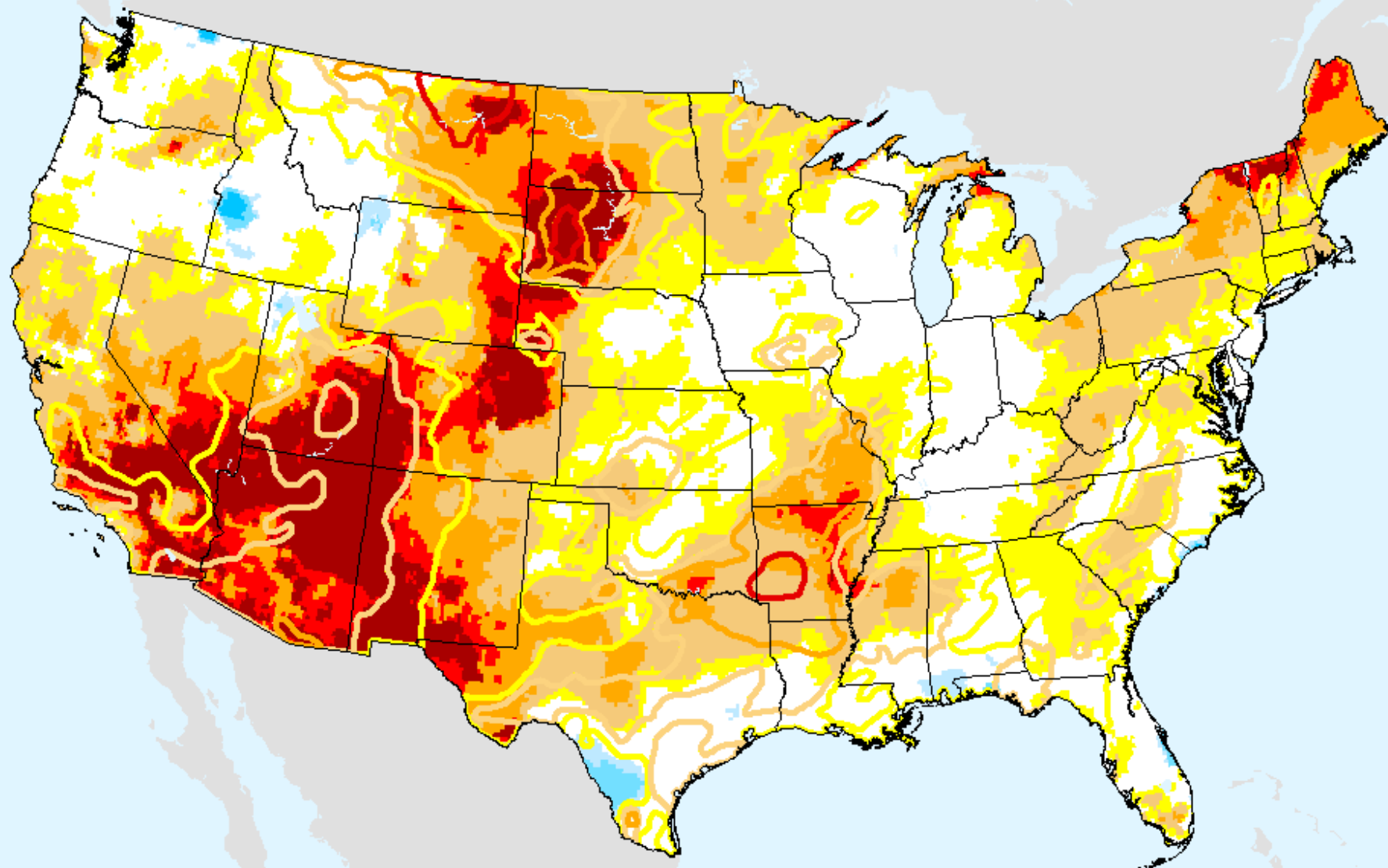
EDDI

- 5
- 4
- 3
- 2
- 1
- 0
- 1
- 2
- 3
- 4
- 5

USDM for: Nov. 28, 2017

EDDI 8-week

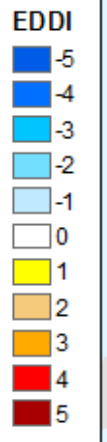
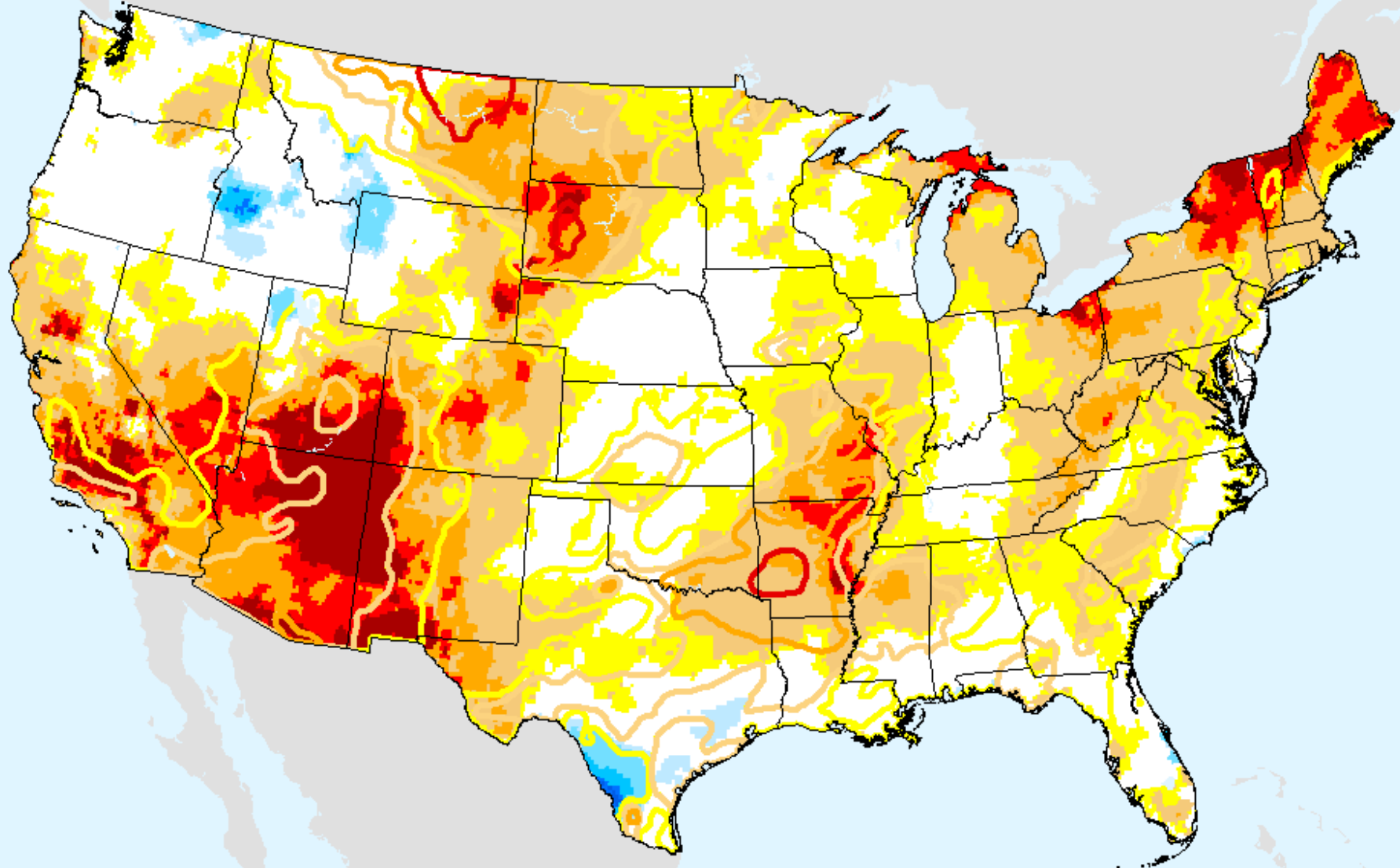
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 9-week

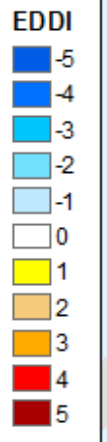
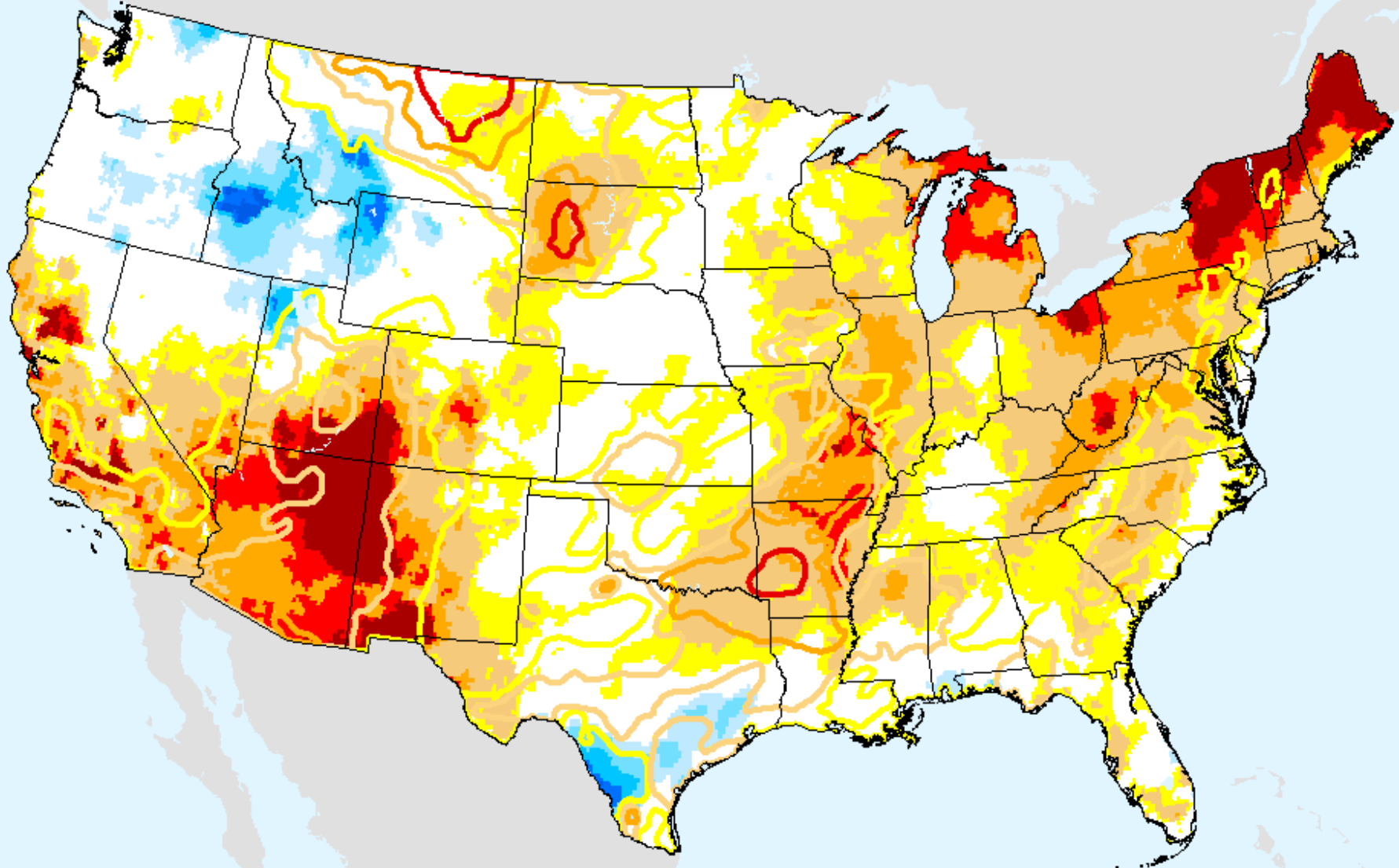
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 10-week

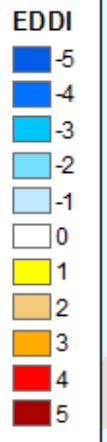
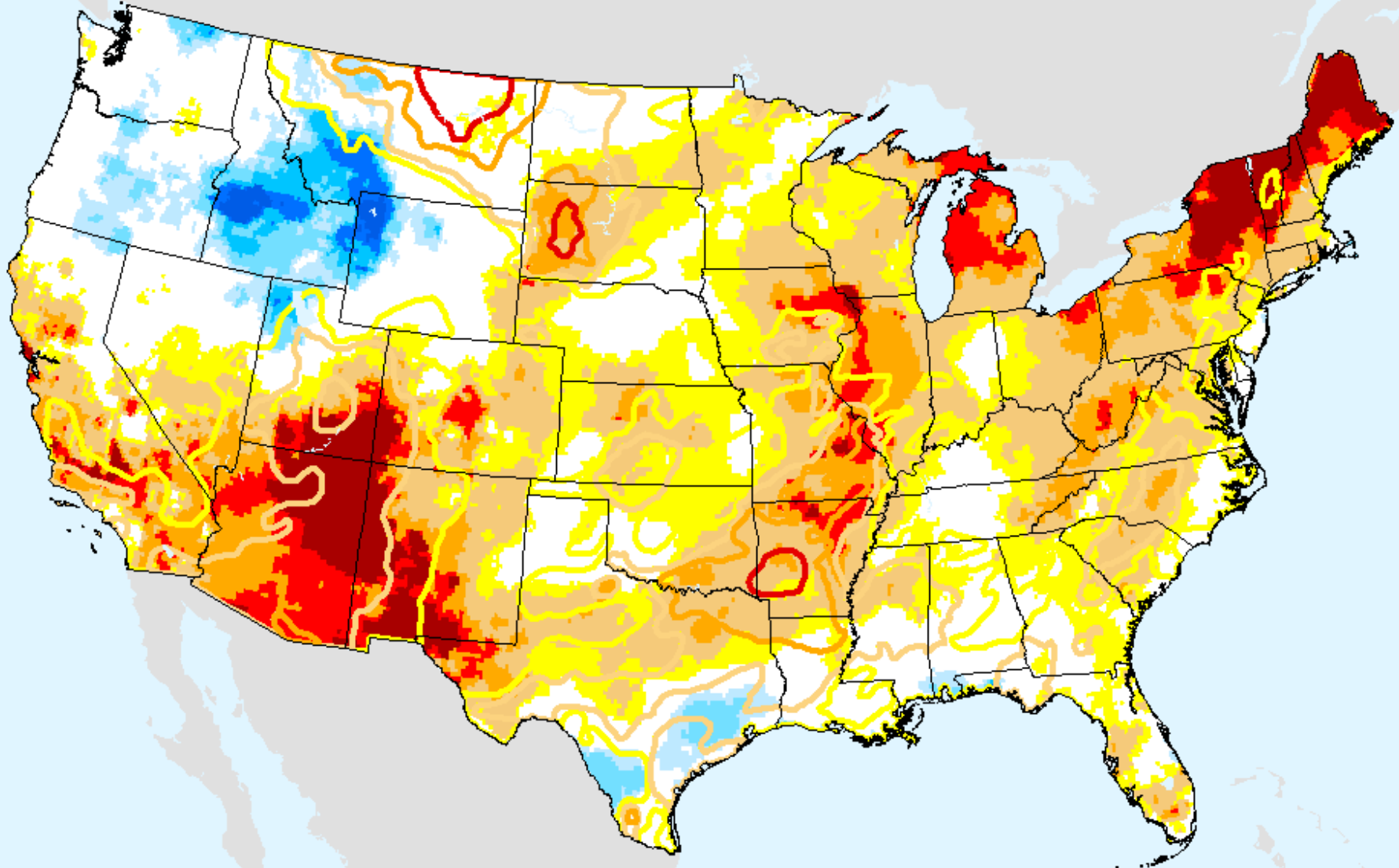
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 11-week

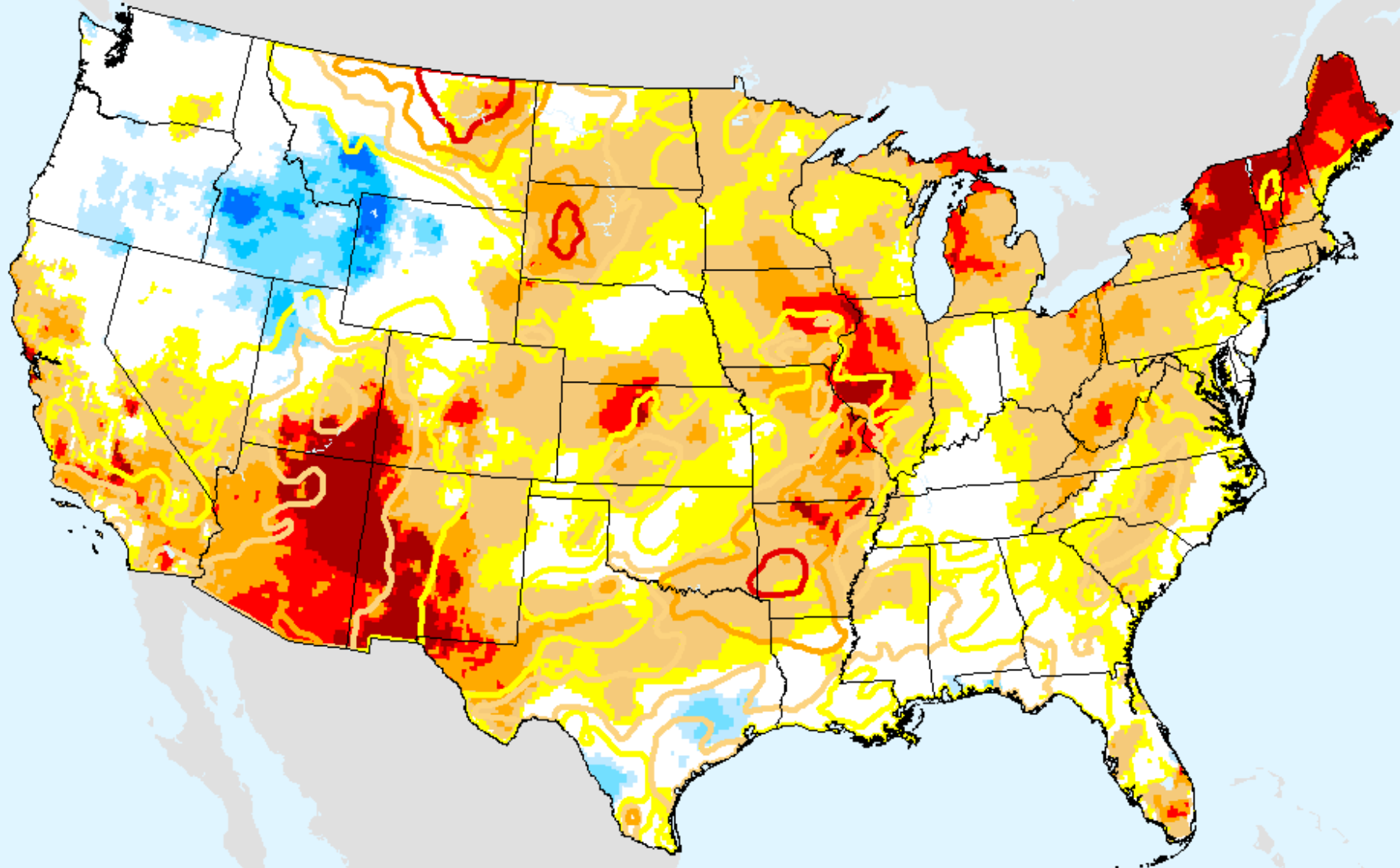
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

EDDI 12-week

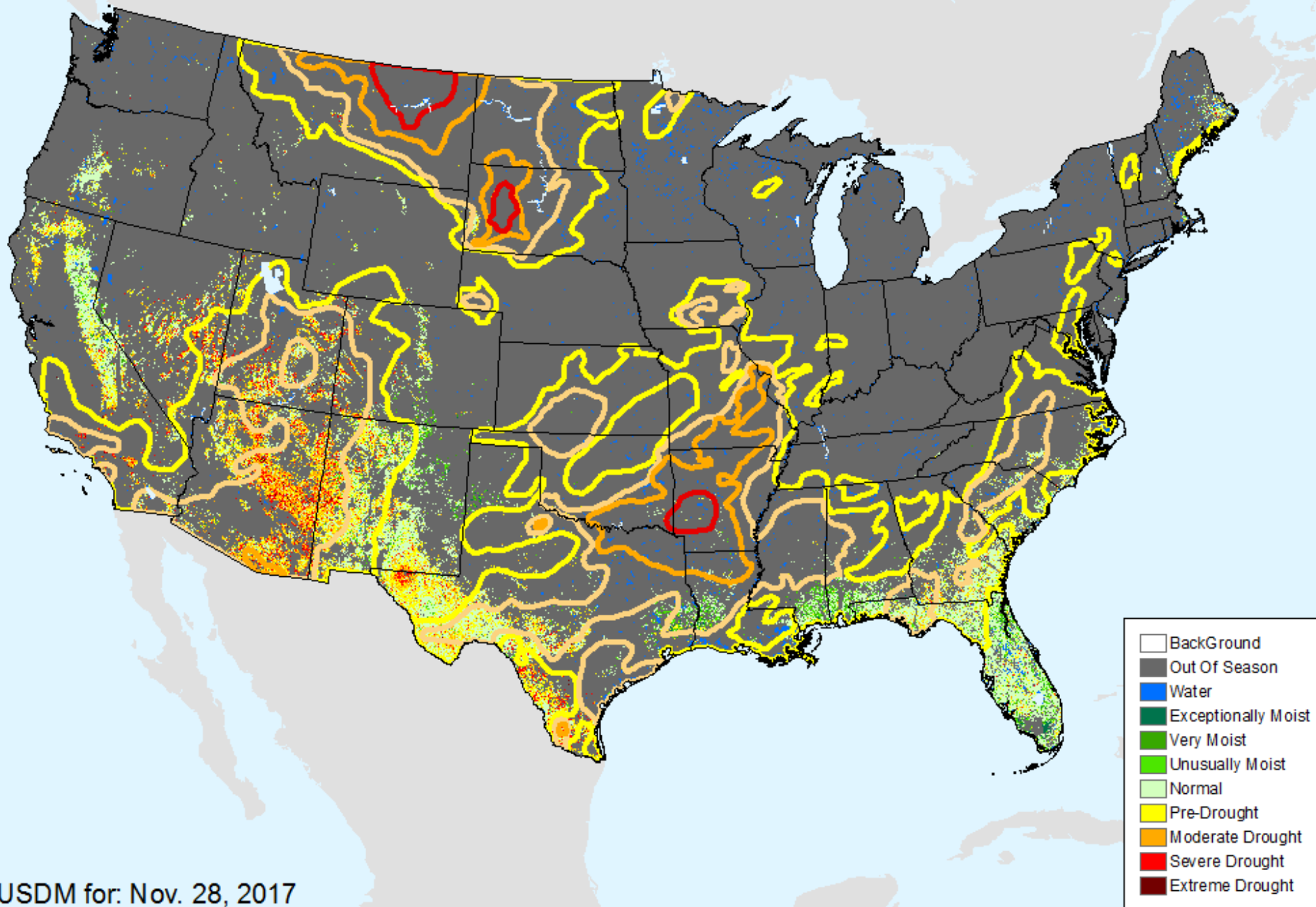
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

Vegetation Drought Response Index (VegDRI)

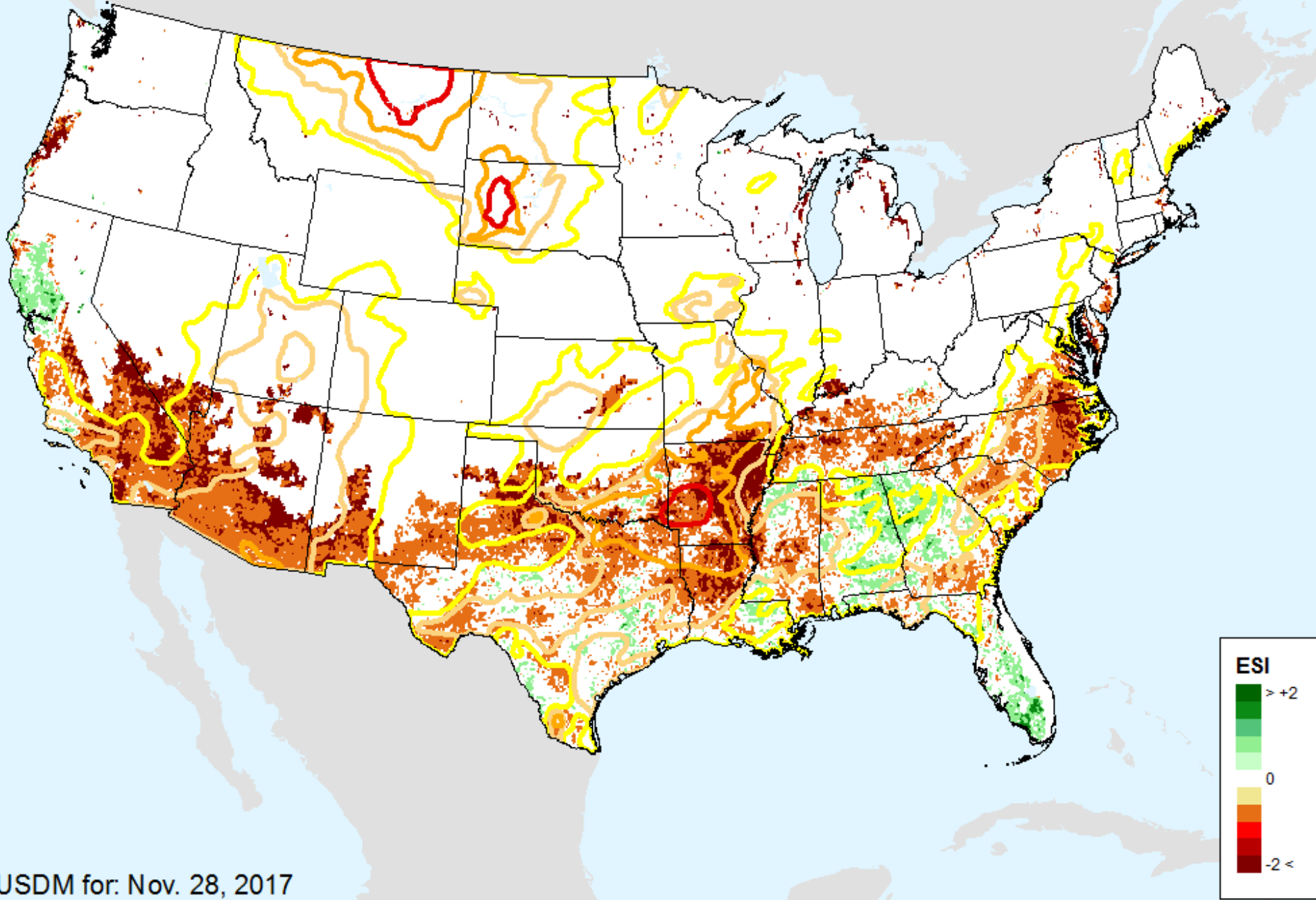
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

Evaporative Stress Index (ESI) 4-week

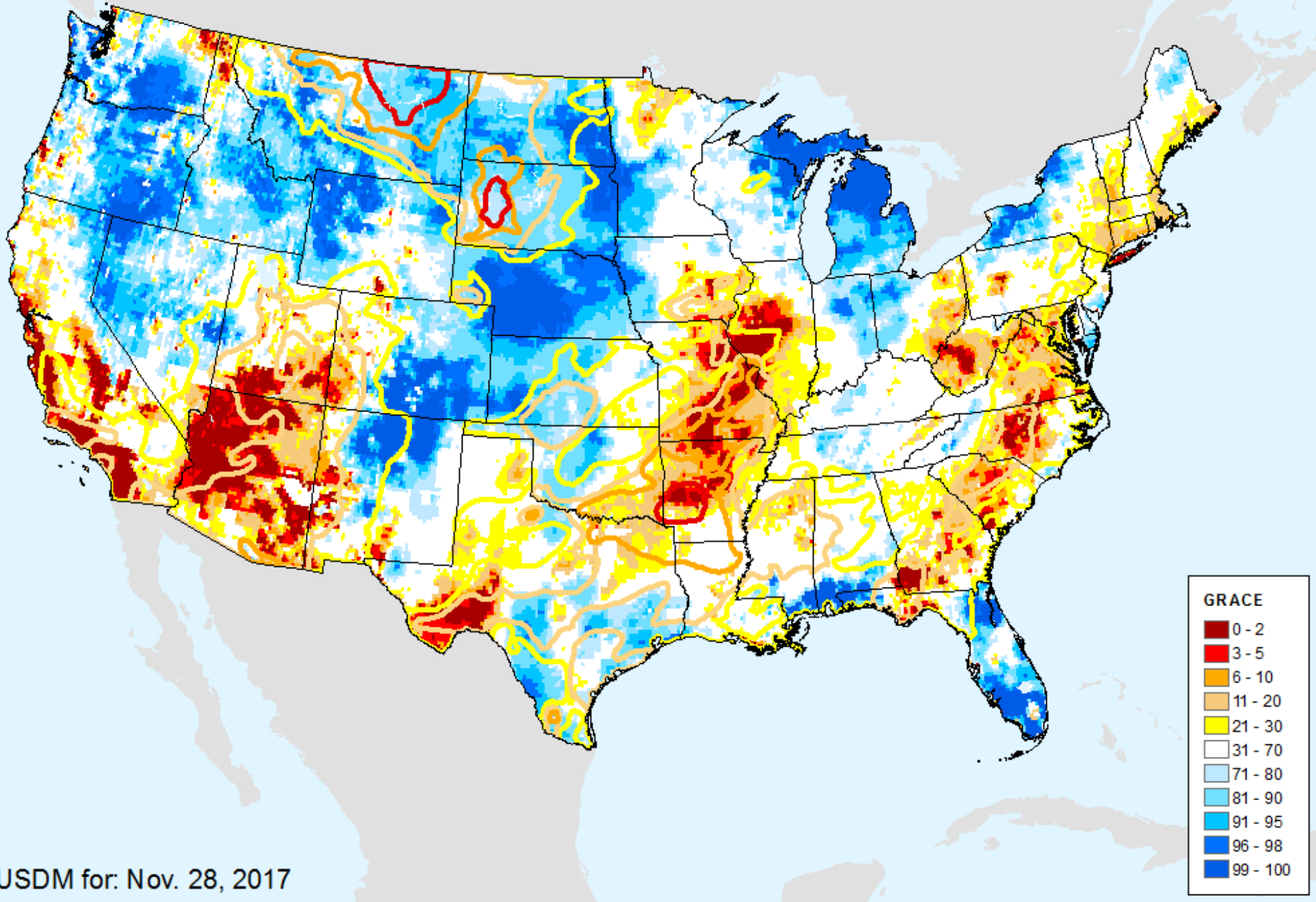
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

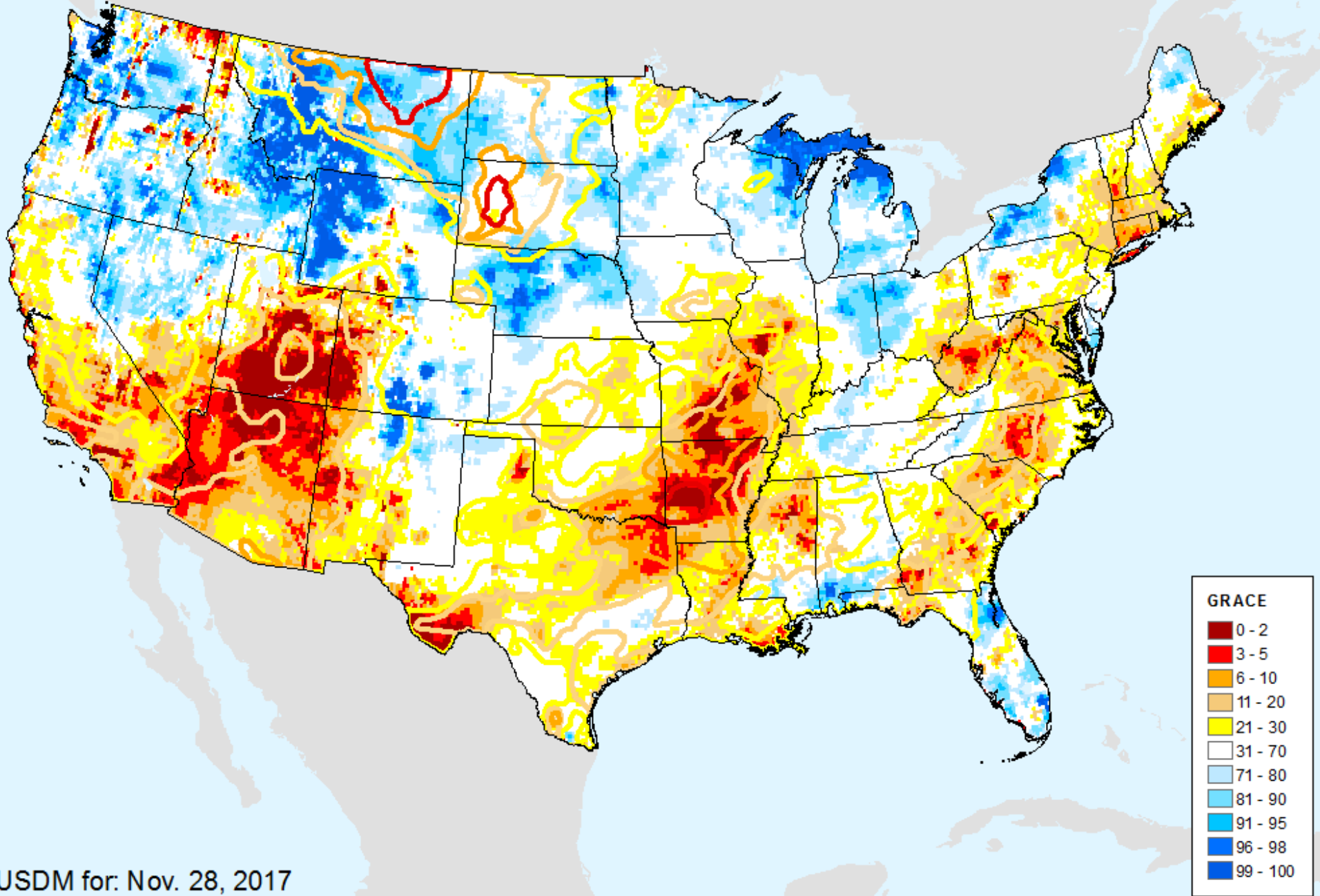
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, December 5, 2017



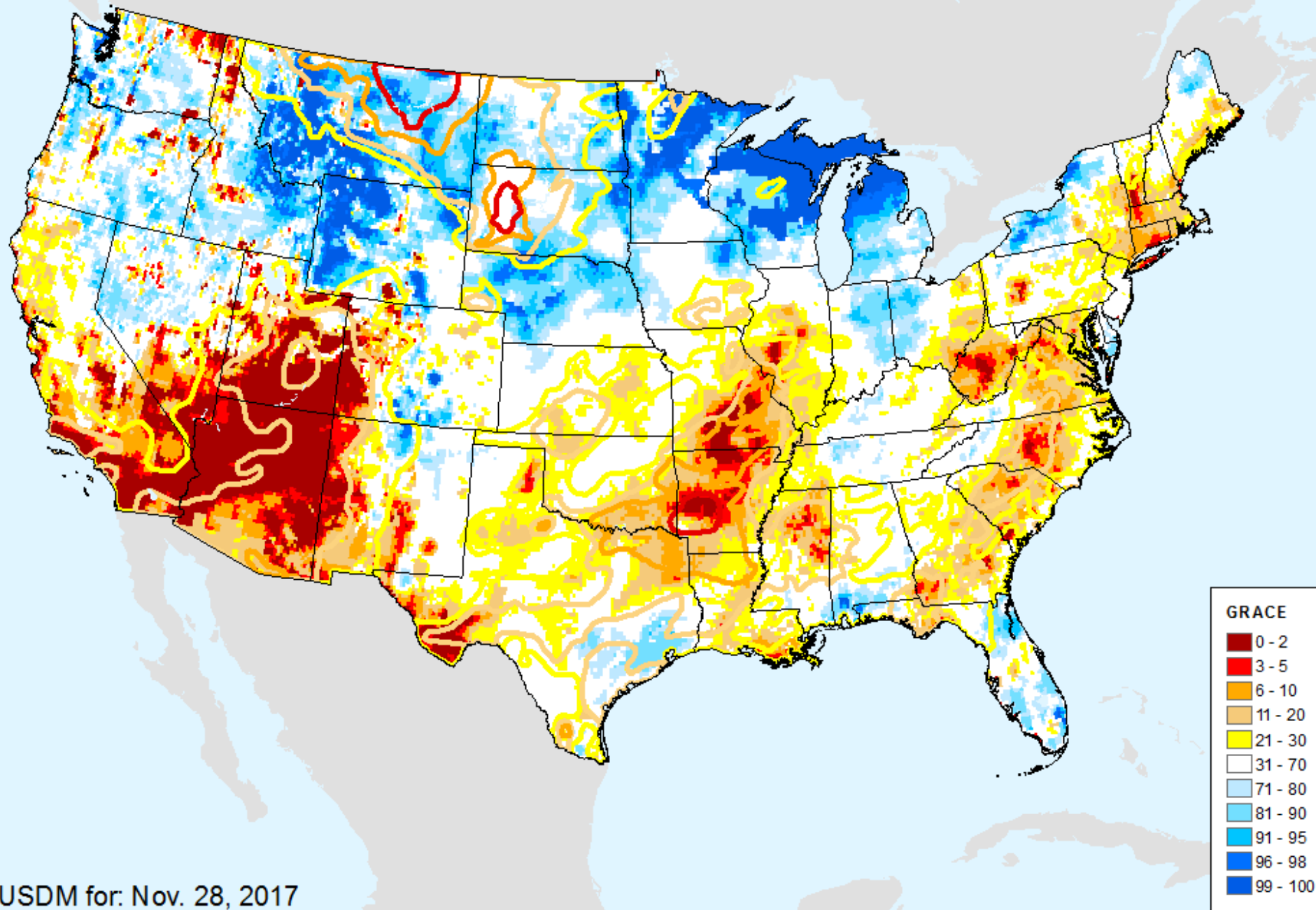
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, December 5, 2017



GRACE-Based Surface Soil Moisture Drought Indicator

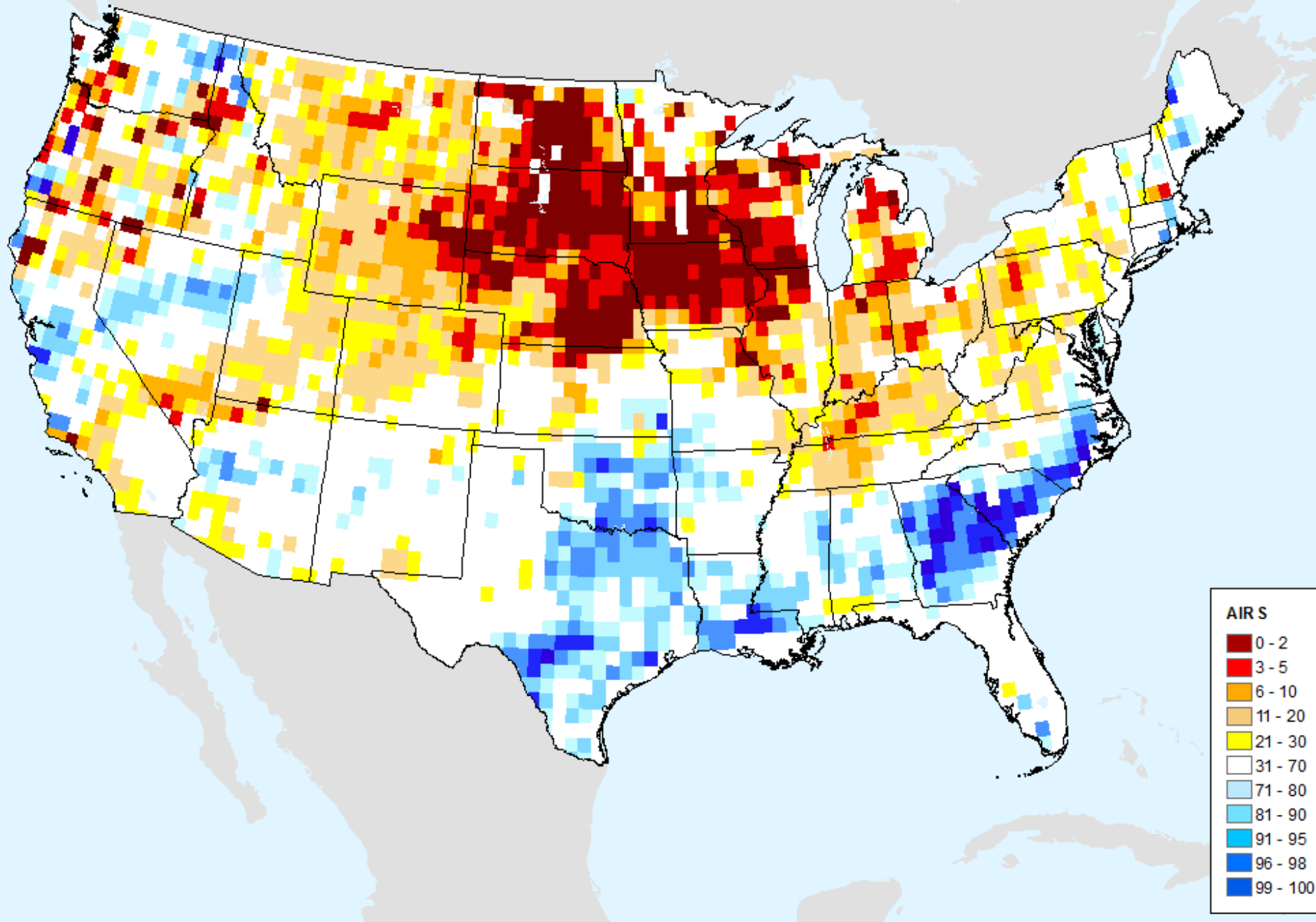
As of: Tuesday, December 5, 2017



USDM for: Nov. 28, 2017

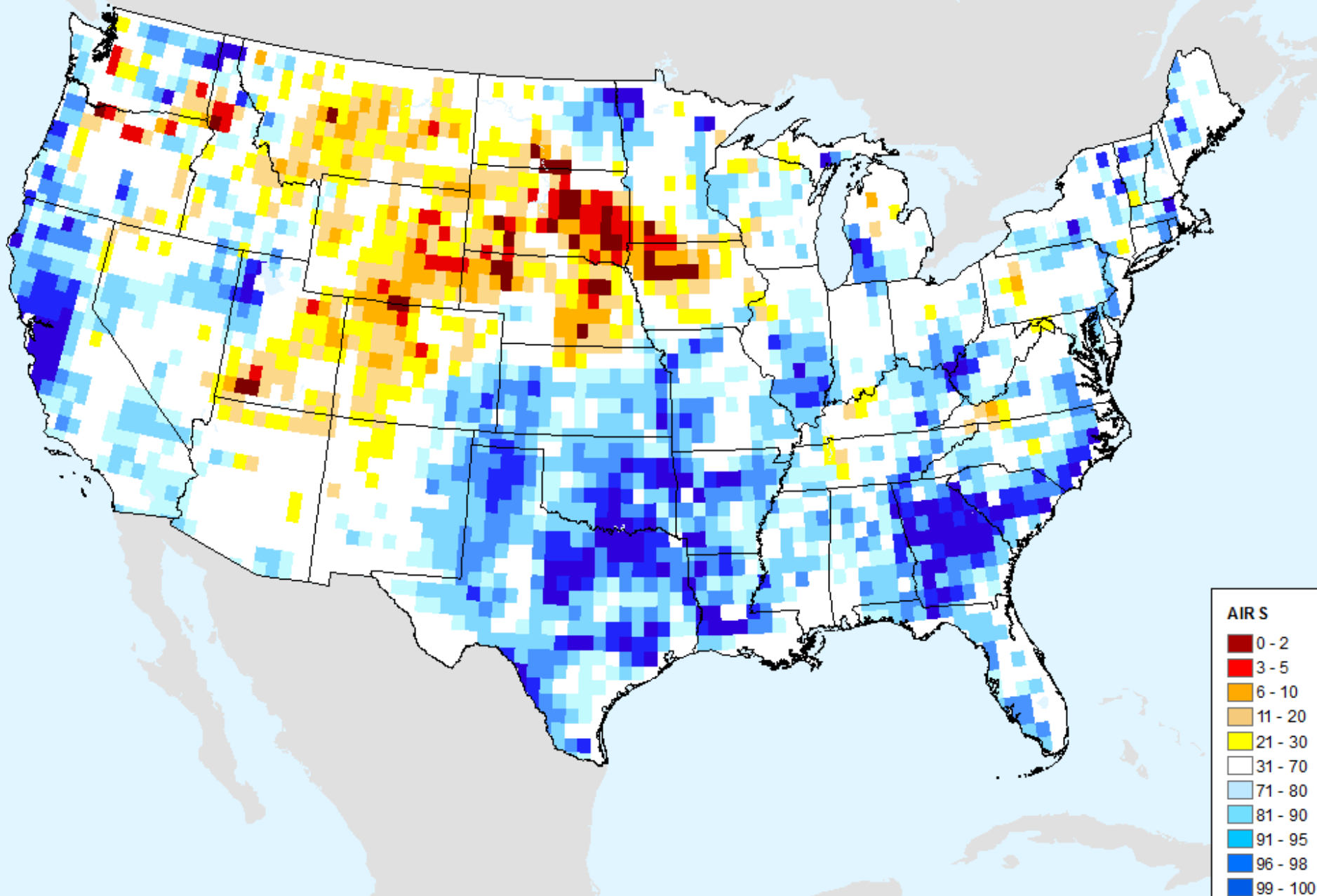
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, December 5, 2017



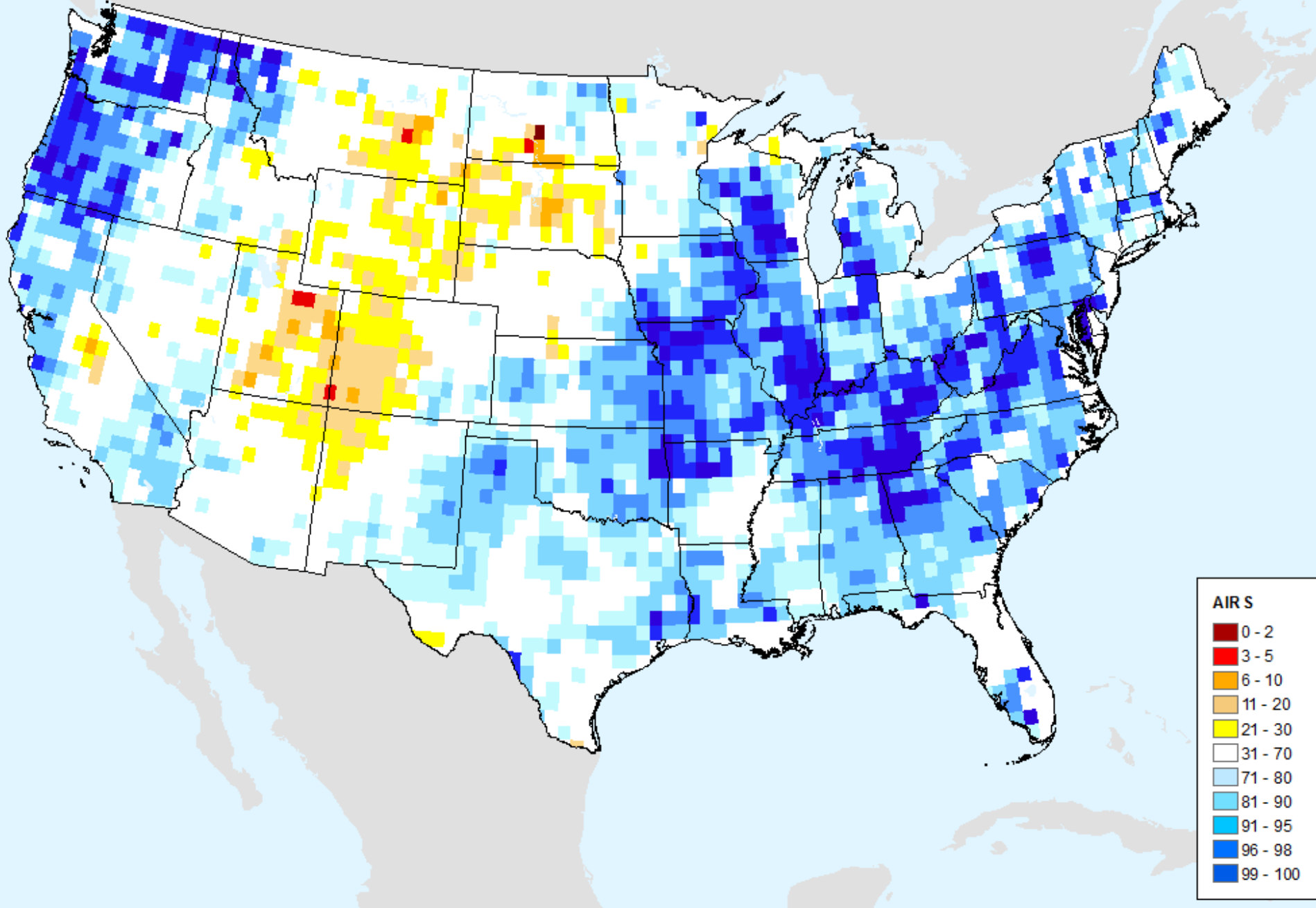
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, December 5, 2017



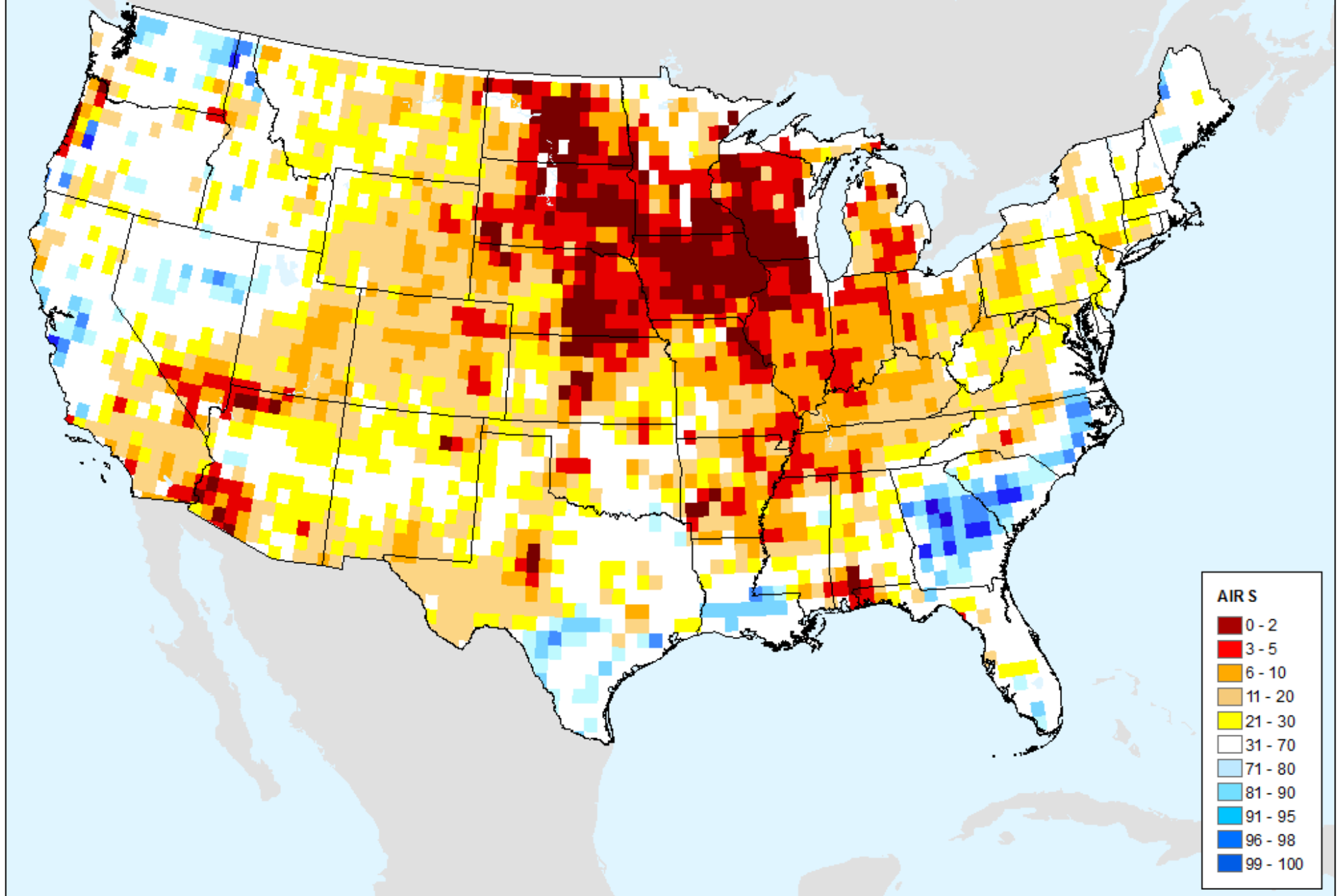
AIRS-Based Surface Relative Humidity 56 Day

As of: Tuesday, December 5, 2017



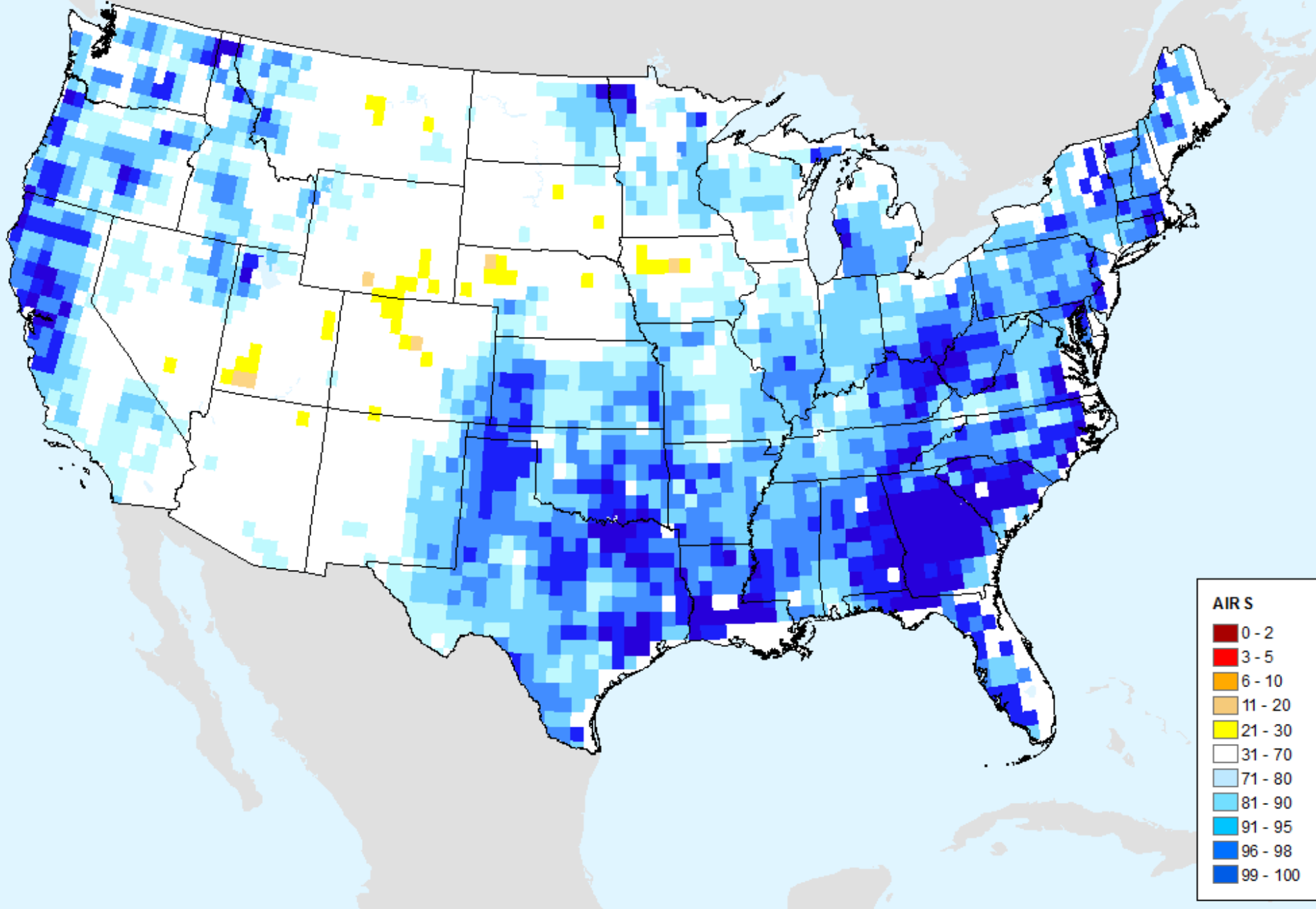
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, December 5, 2017



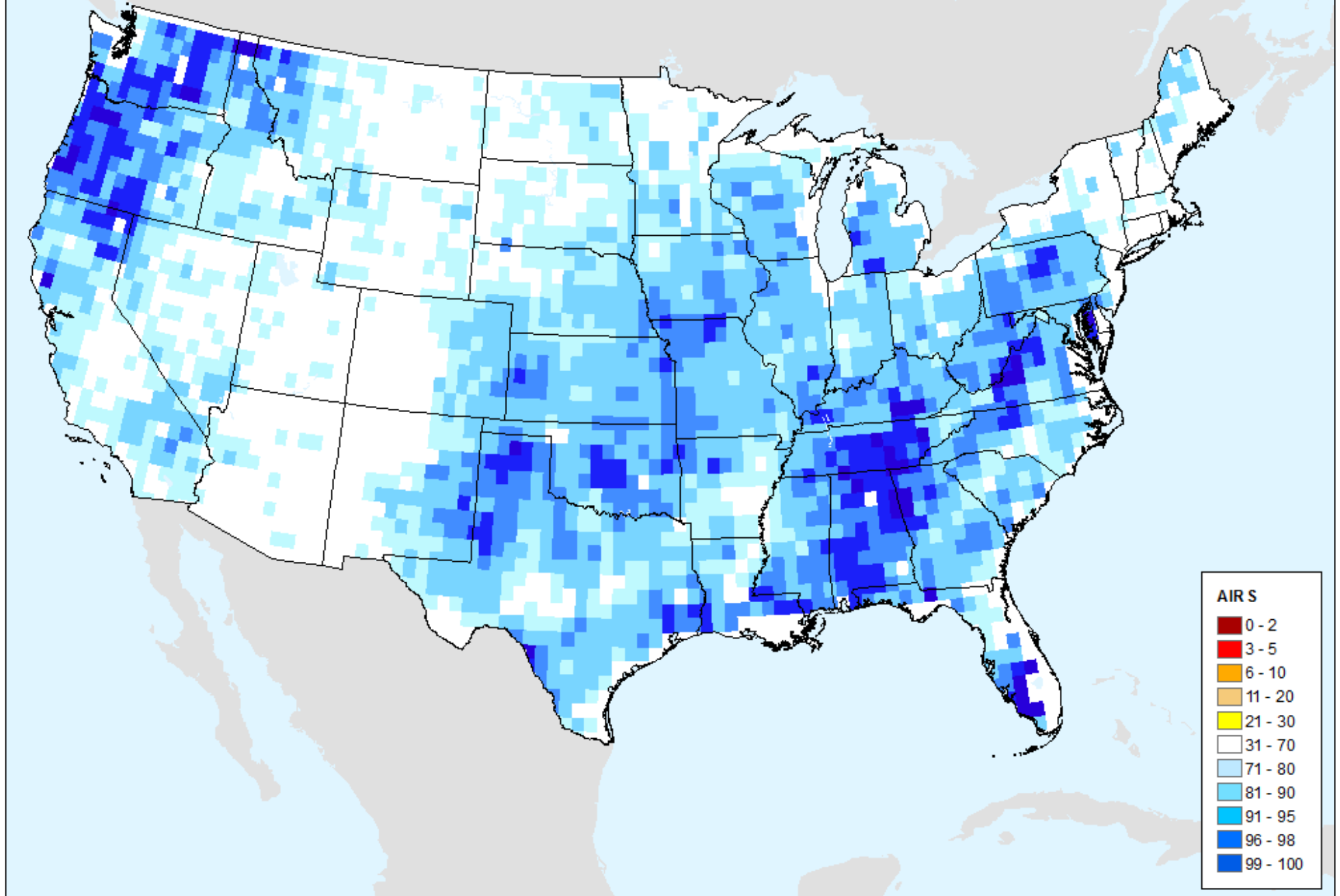
AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, December 5, 2017

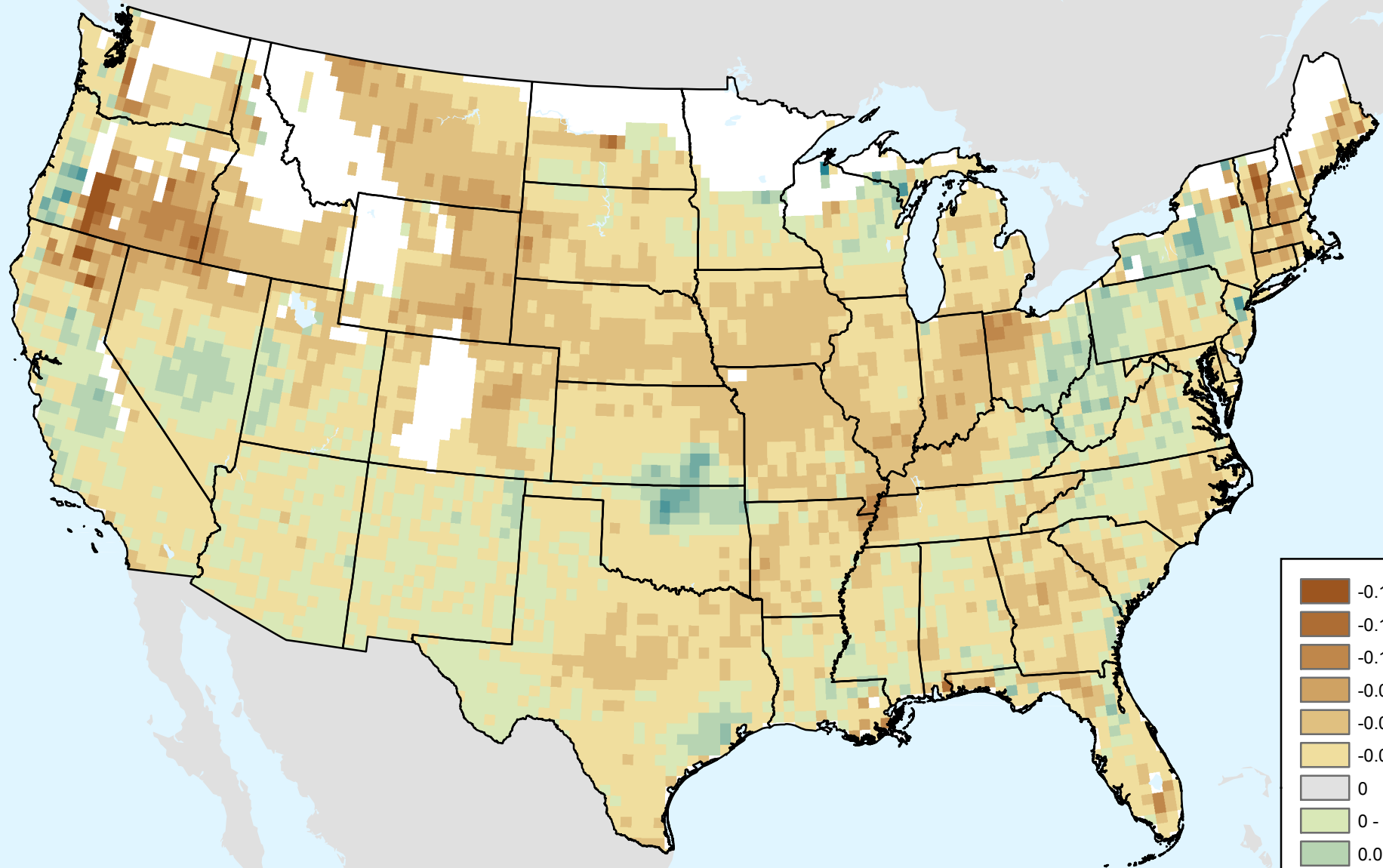


AIRS-Based Vapor Pressure Deficit 56 Day

As of: Tuesday, December 5, 2017

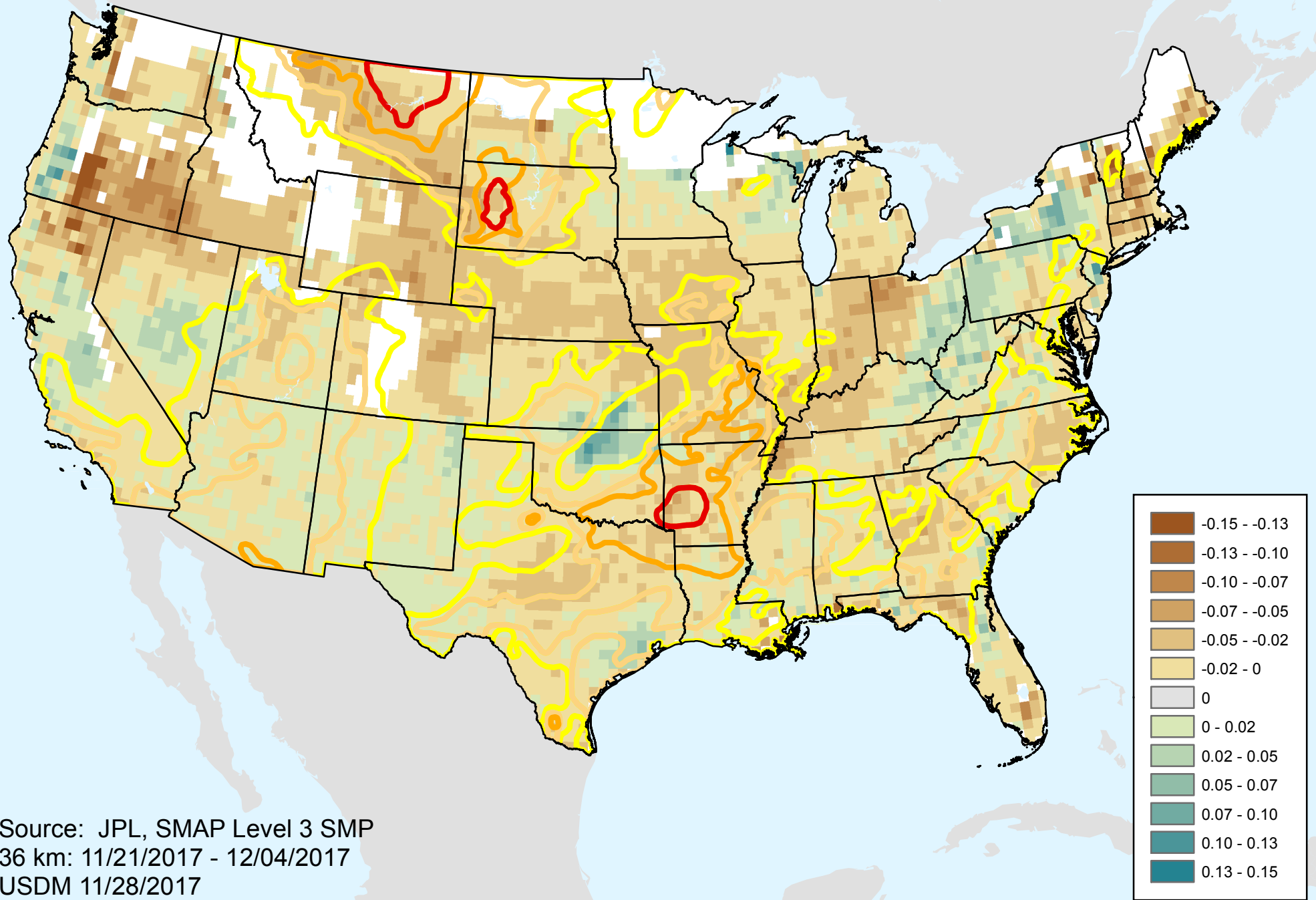


SMAP 1-Week Change in Soil Moisture 0-5 cm



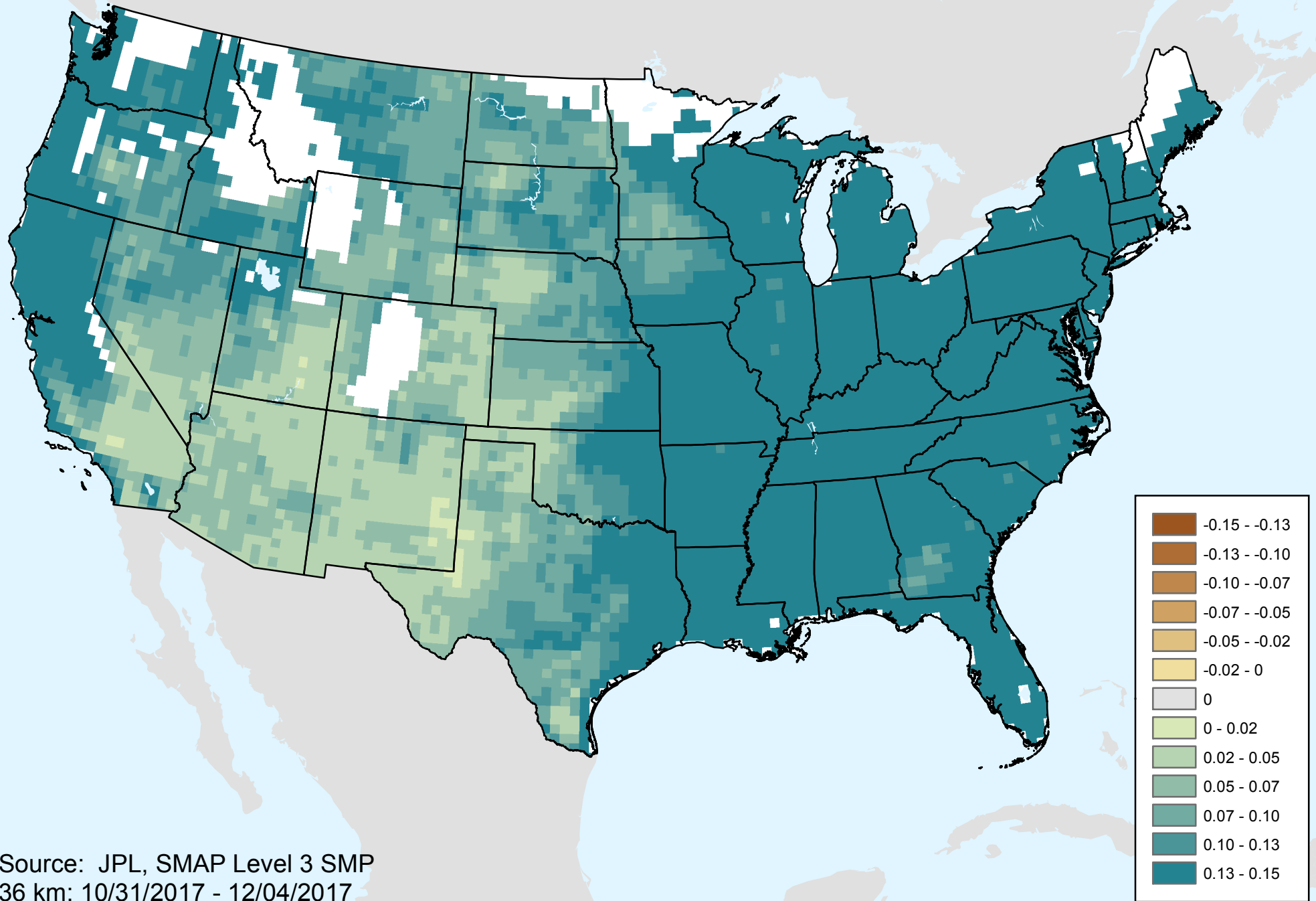
Source: JPL, SMAP Level 3 SMP
36 km: 11/21/2017 - 12/04/2017

SMAP 1-Week Change in Soil Moisture 0-5 cm



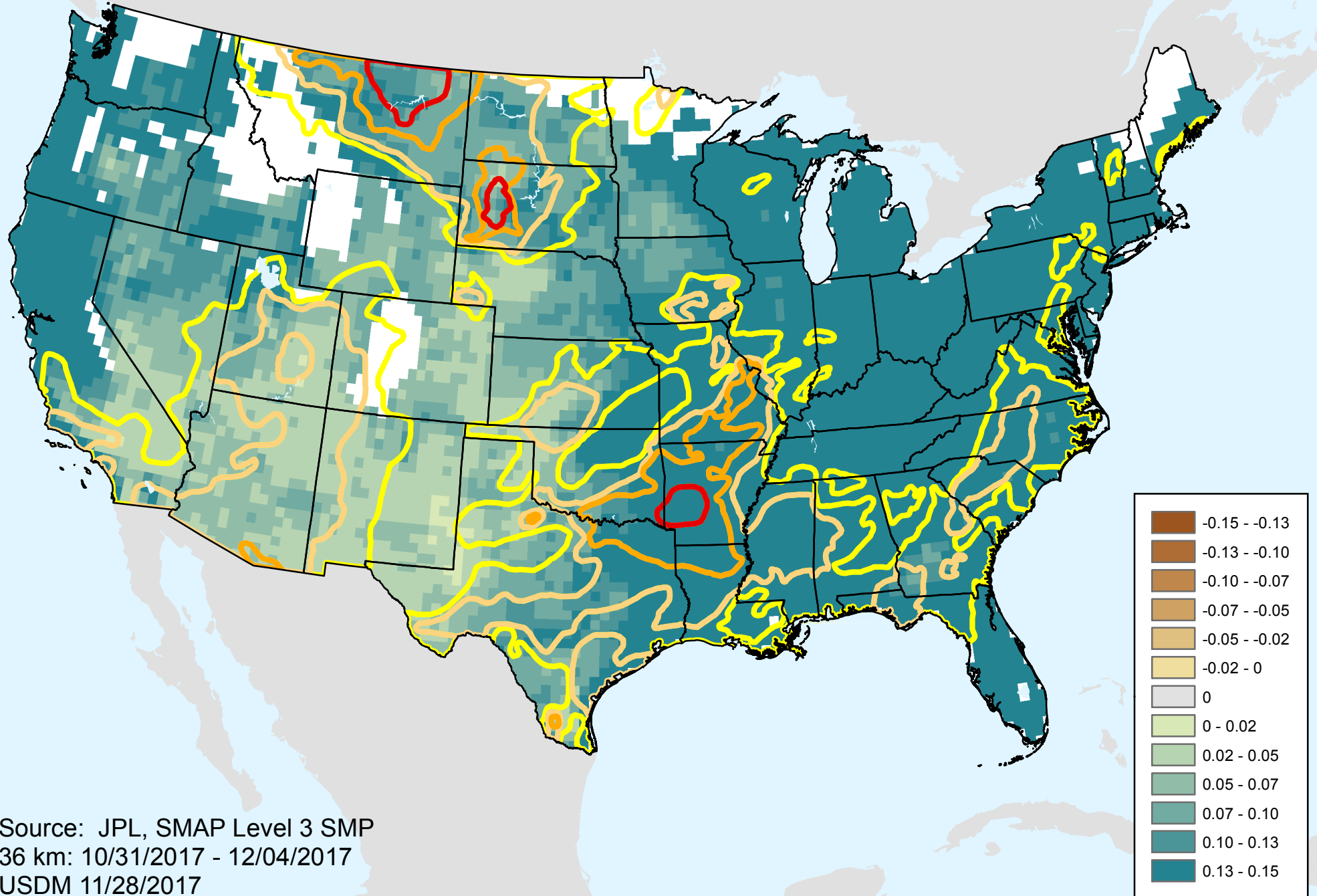
Source: JPL, SMAP Level 3 SMP
36 km: 11/21/2017 - 12/04/2017
USDM 11/28/2017

SMAP 1-Month Change in Soil Moisture 0-5 cm



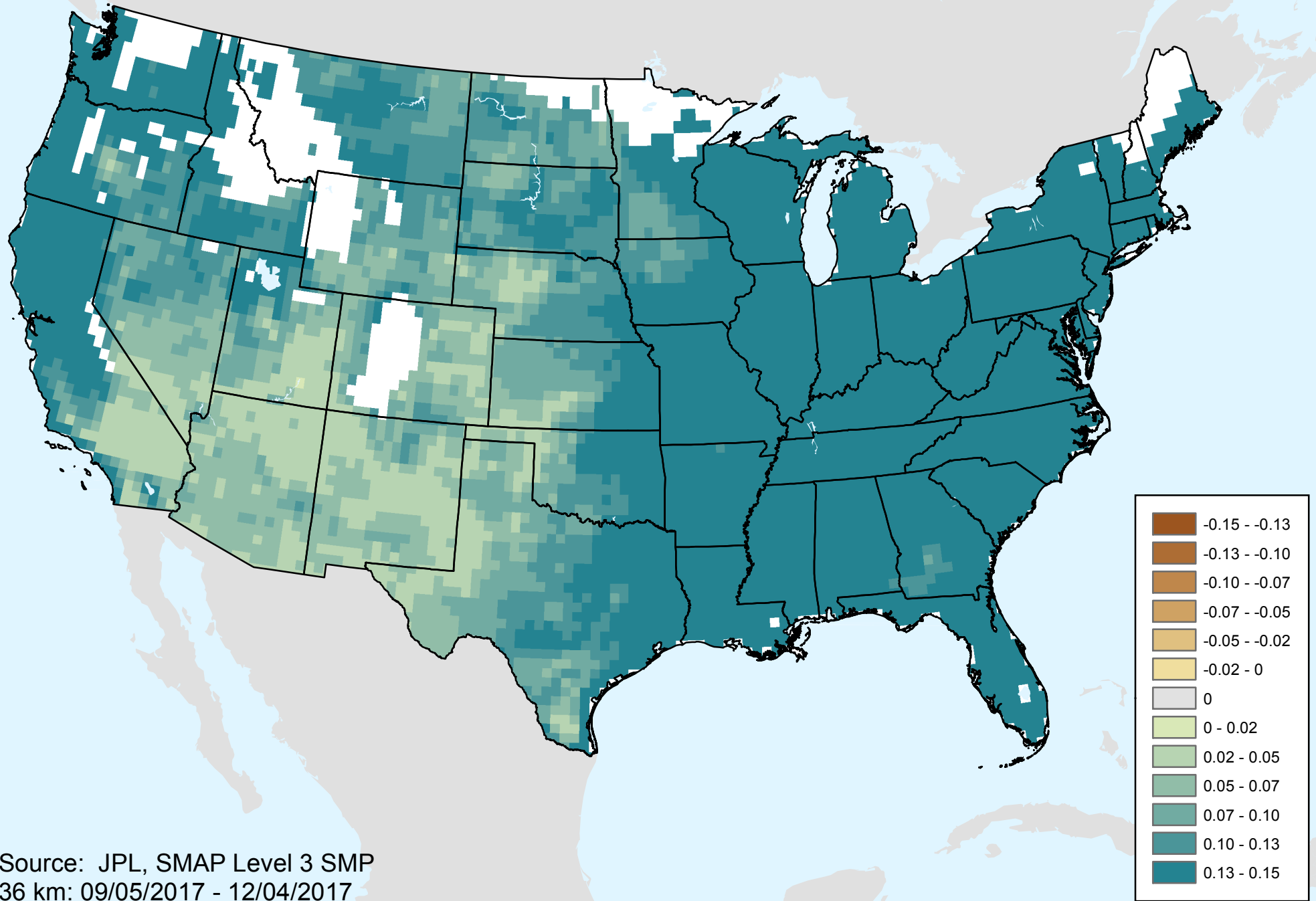
Source: JPL, SMAP Level 3 SMP
36 km: 10/31/2017 - 12/04/2017

SMAP 1-Month Change in Soil Moisture 0-5 cm



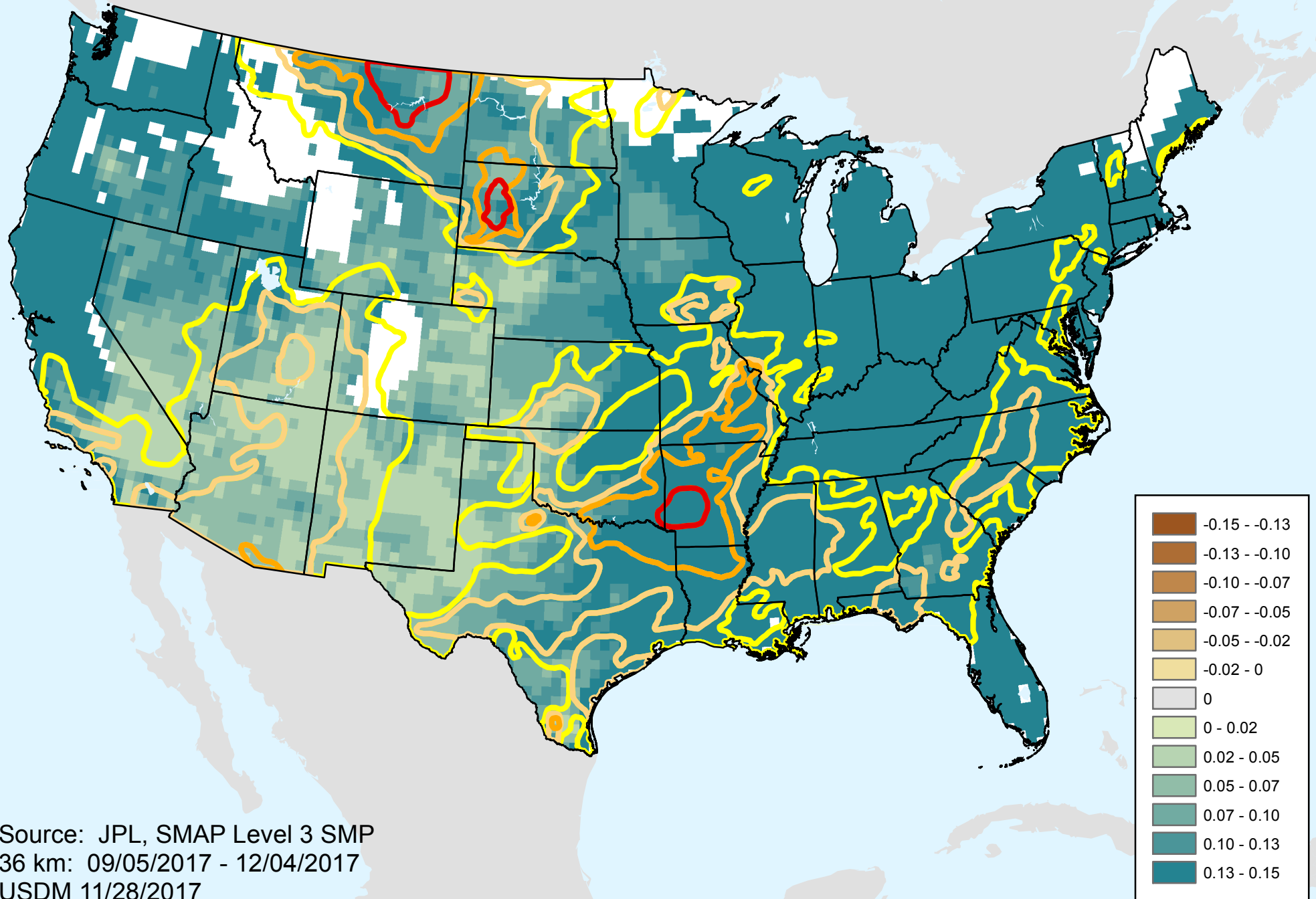
Source: JPL, SMAP Level 3 SMP
36 km: 10/31/2017 - 12/04/2017
USDM 11/28/2017

SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP
36 km: 09/05/2017 - 12/04/2017

SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP
36 km: 09/05/2017 - 12/04/2017
USDM 11/28/2017