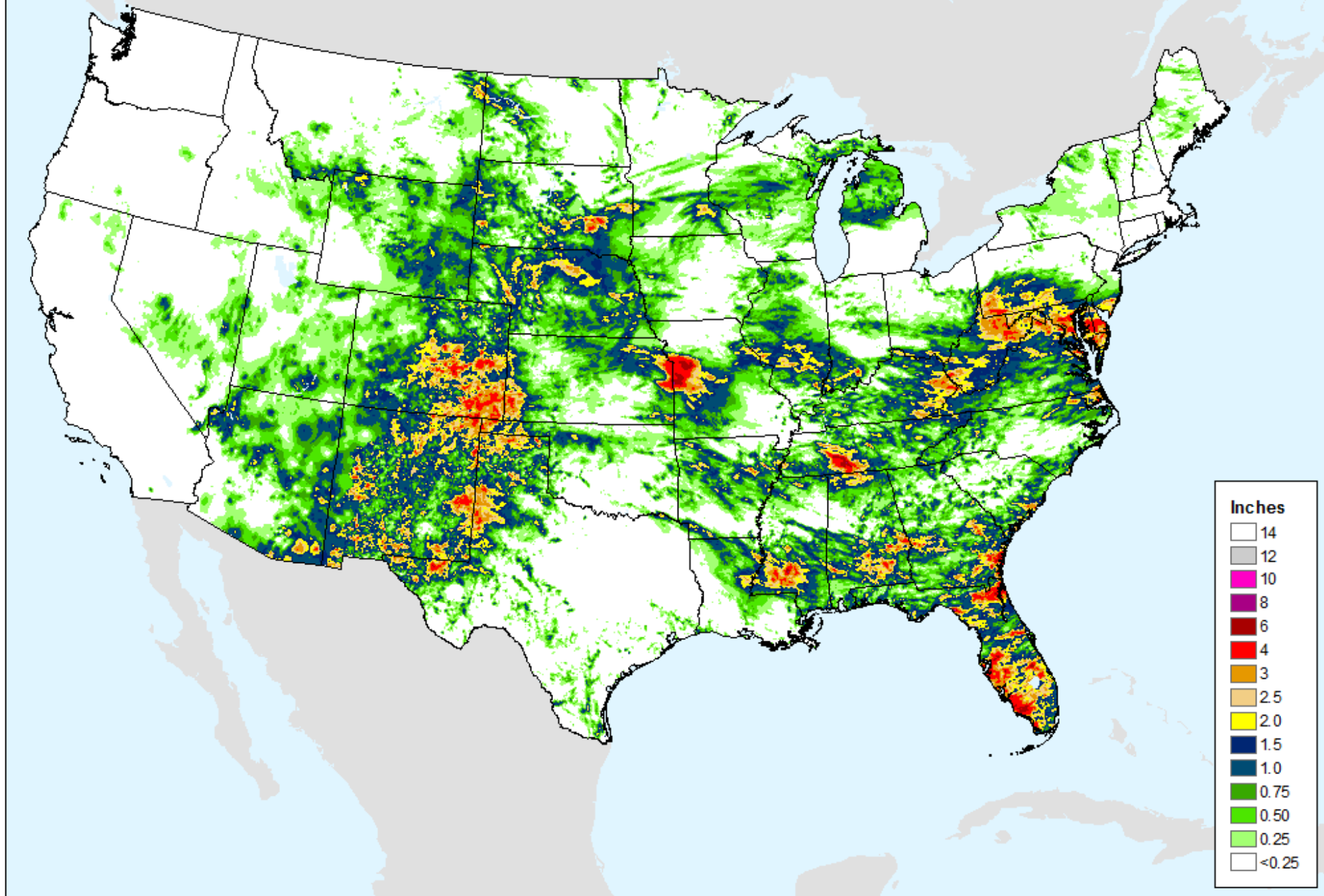


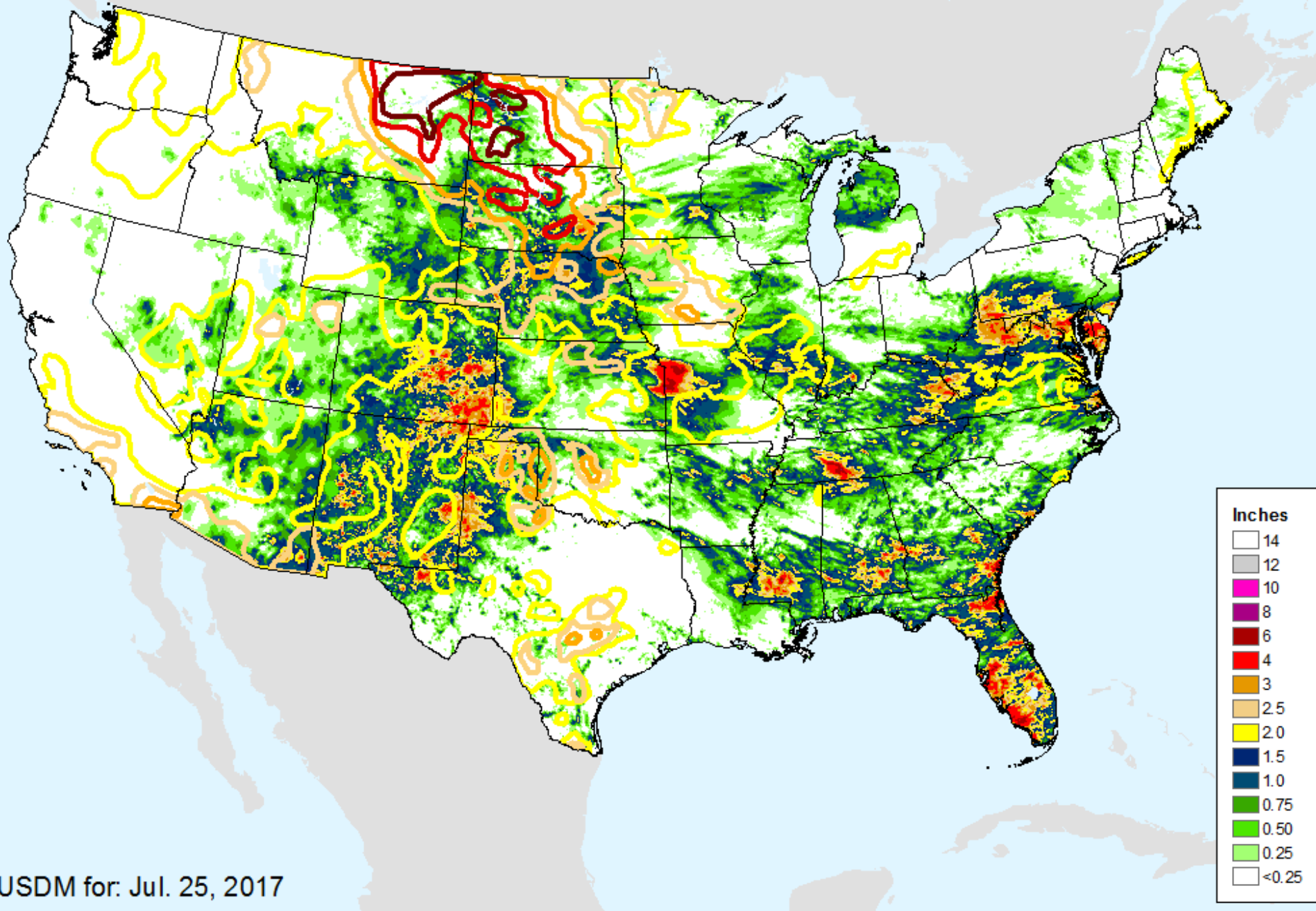
# AHPS 7-Day Precipitation

As of: Tuesday, August 1, 2017



# AHPS 7-Day Precipitation

As of: Tuesday, August 1, 2017

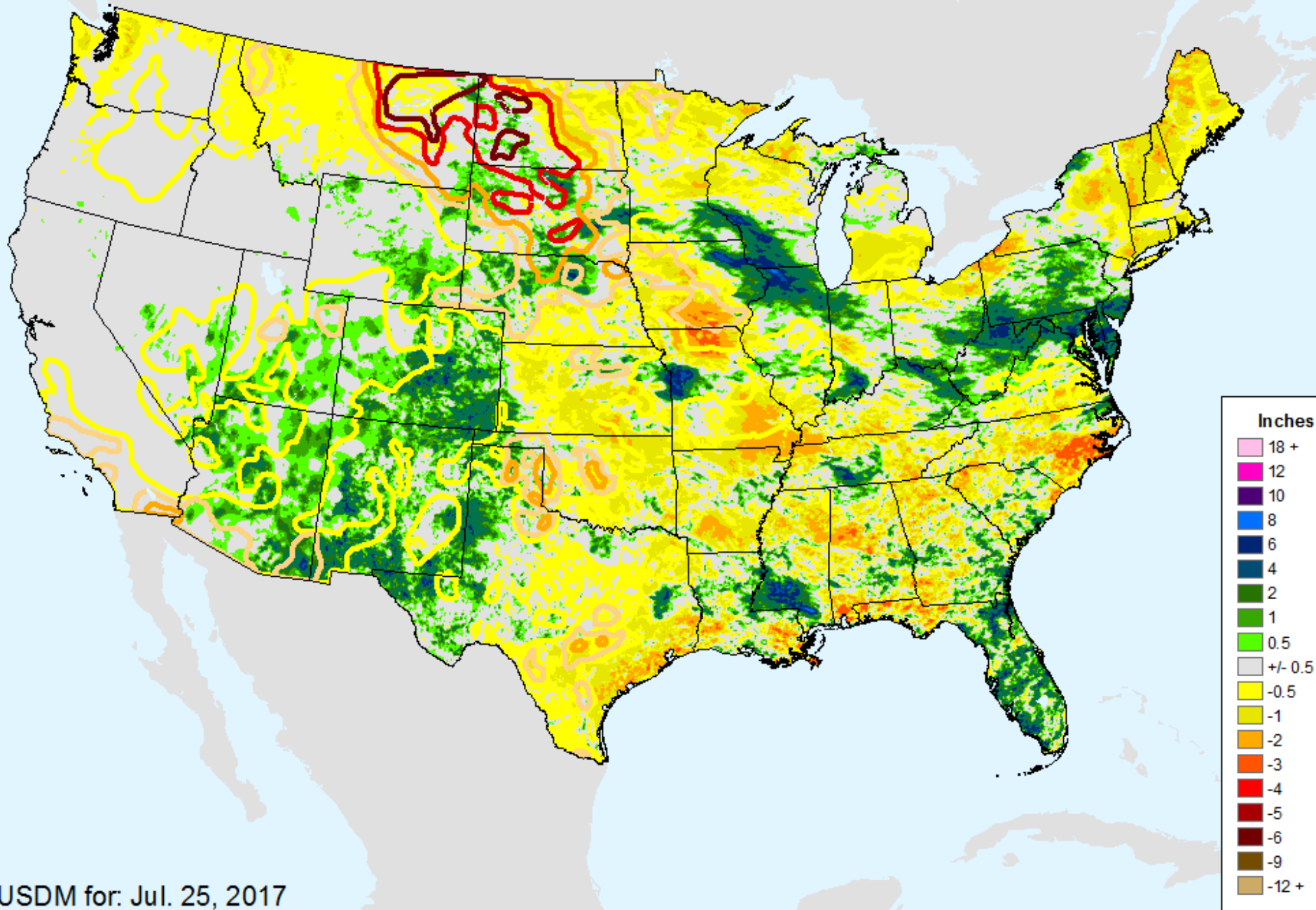


USDM for: Jul. 25, 2017



# AHPS 14-Day Precip Departure

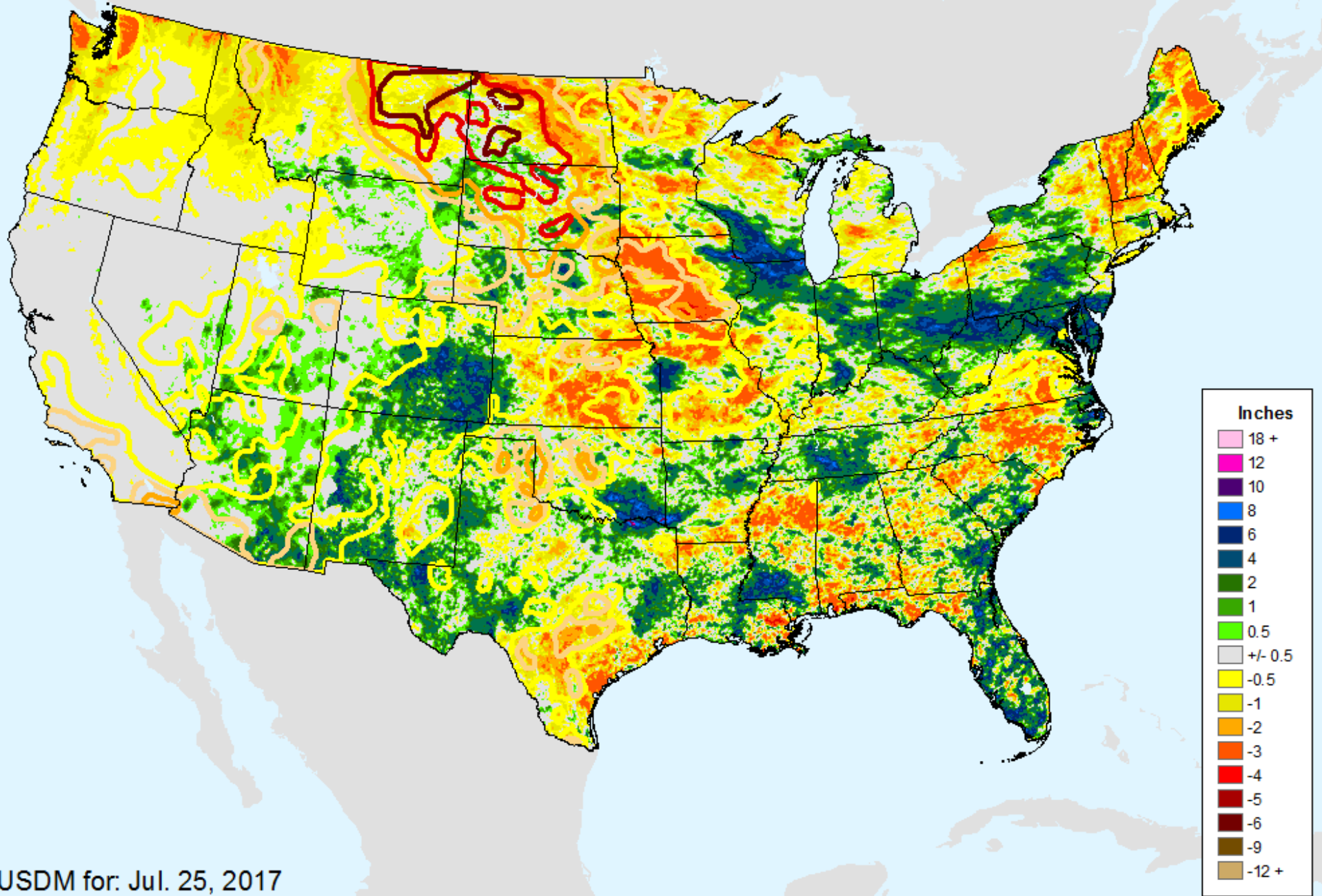
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# AHPS 30-Day Precip Departure

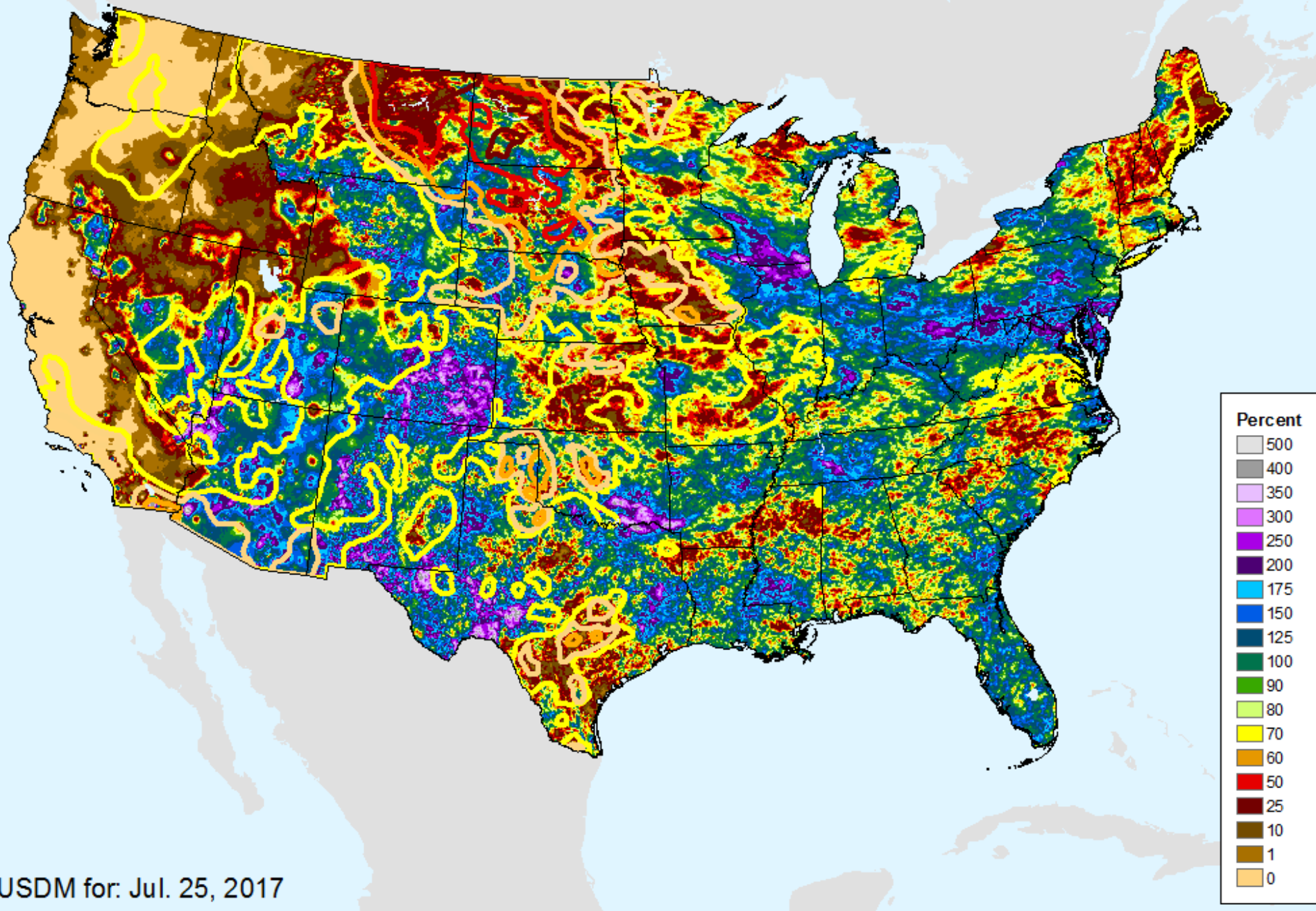
As of: Tuesday, August 1, 2017





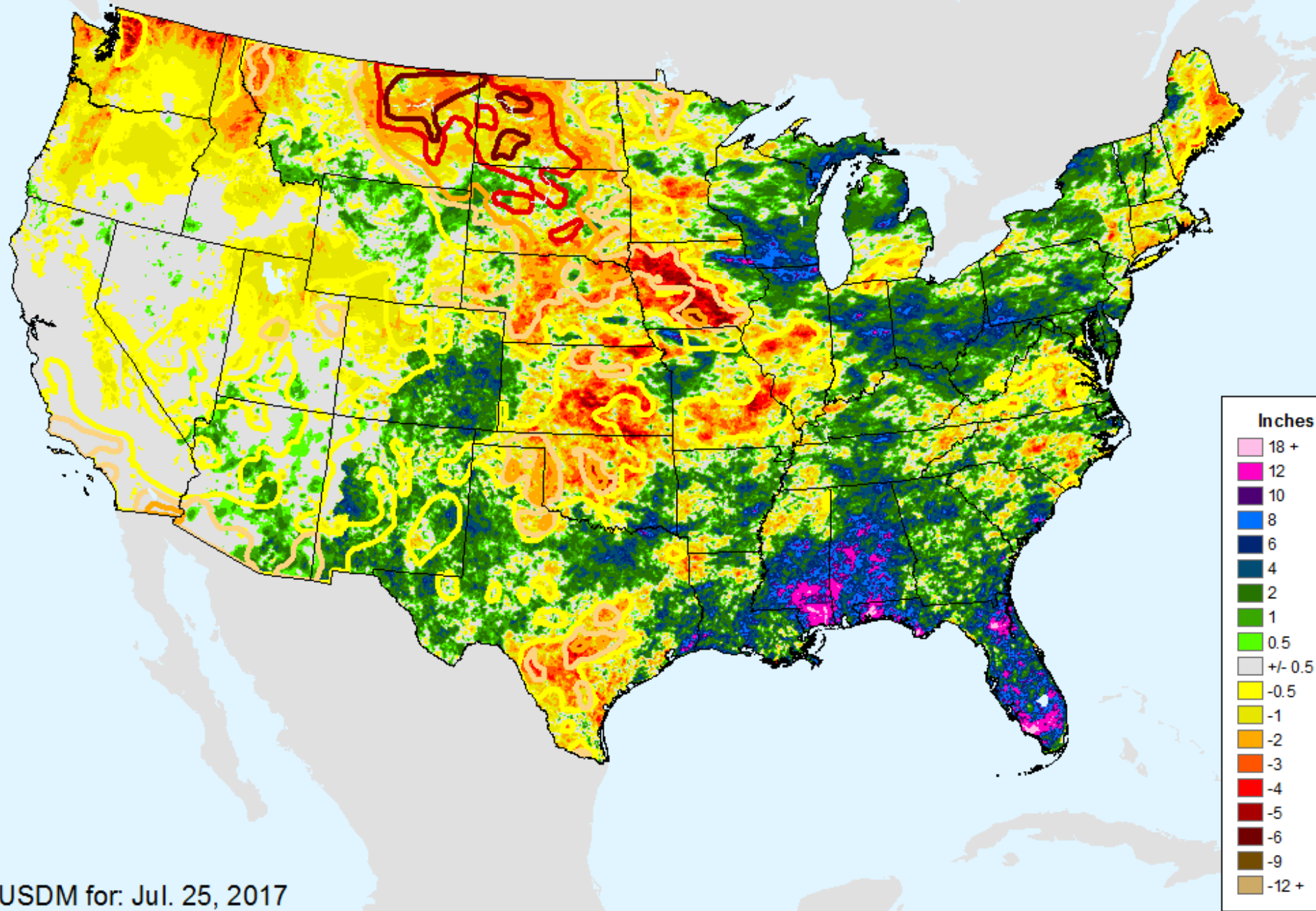
# AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, August 1, 2017



# AHPS 60-Day Precip Departure

As of: Tuesday, August 1, 2017

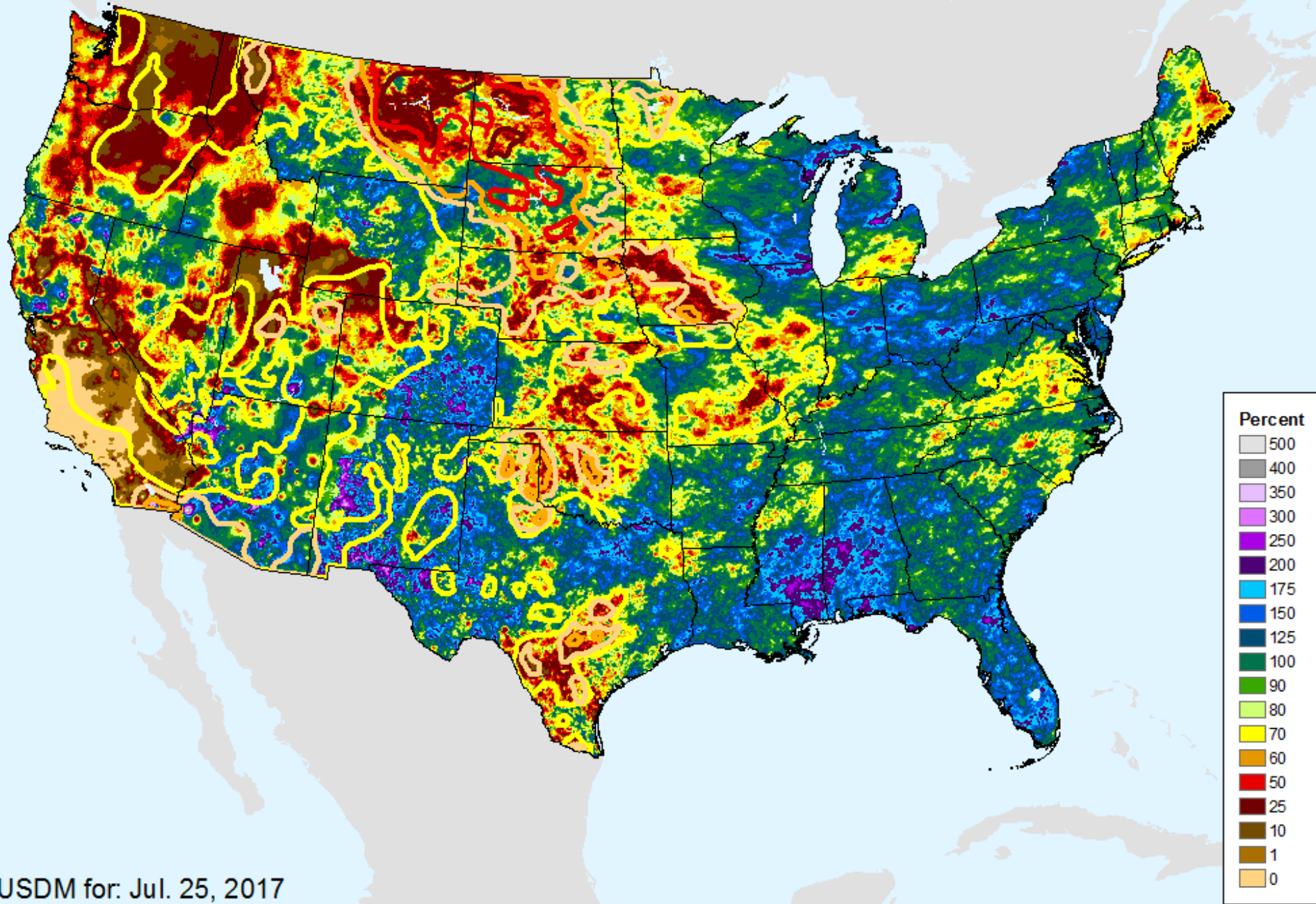


USDM for: Jul. 25, 2017



# AHPS 60-Day Pct of Normal Pcp

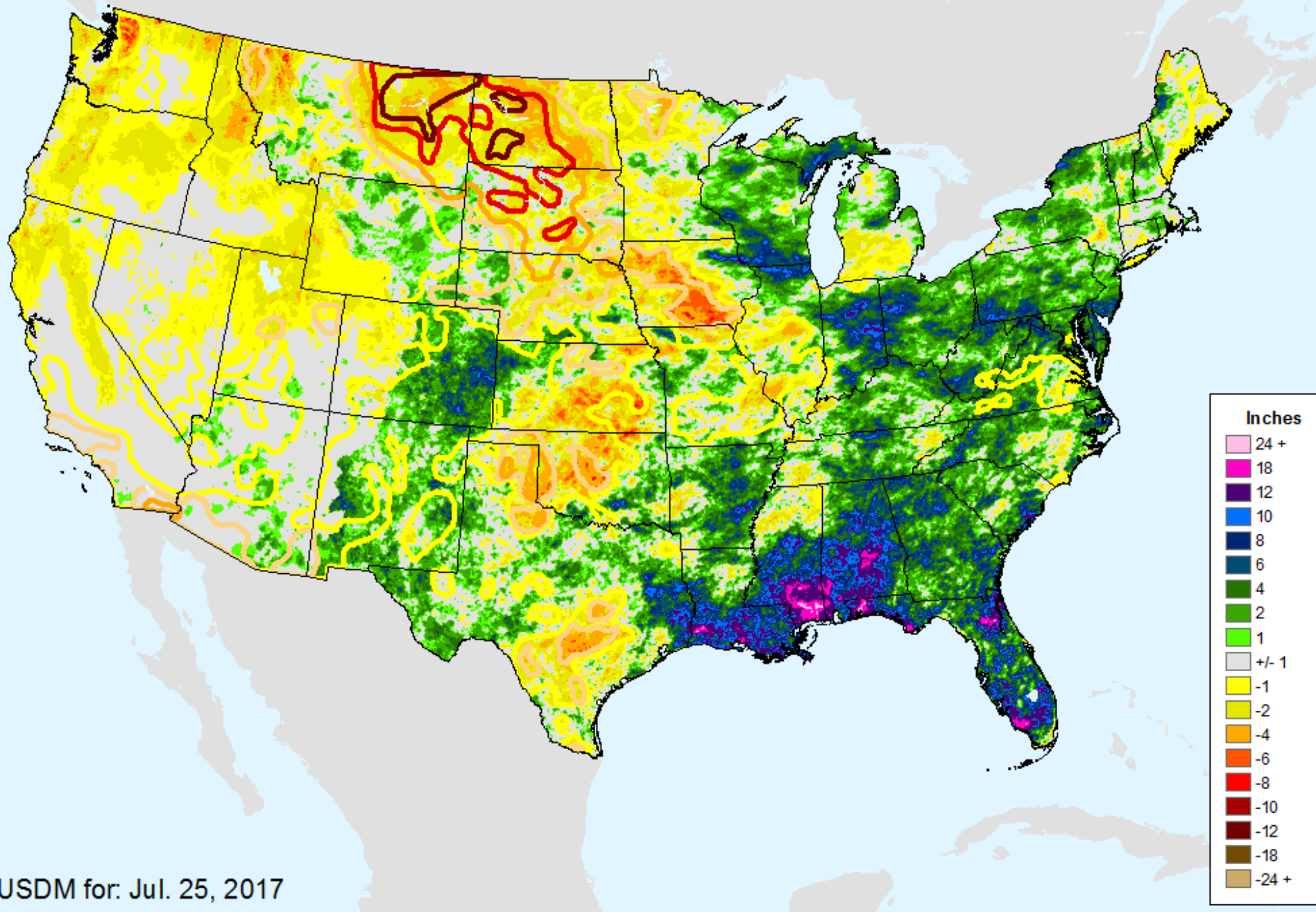
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# AHPS 90-Day Precip Departure

As of: Tuesday, August 1, 2017

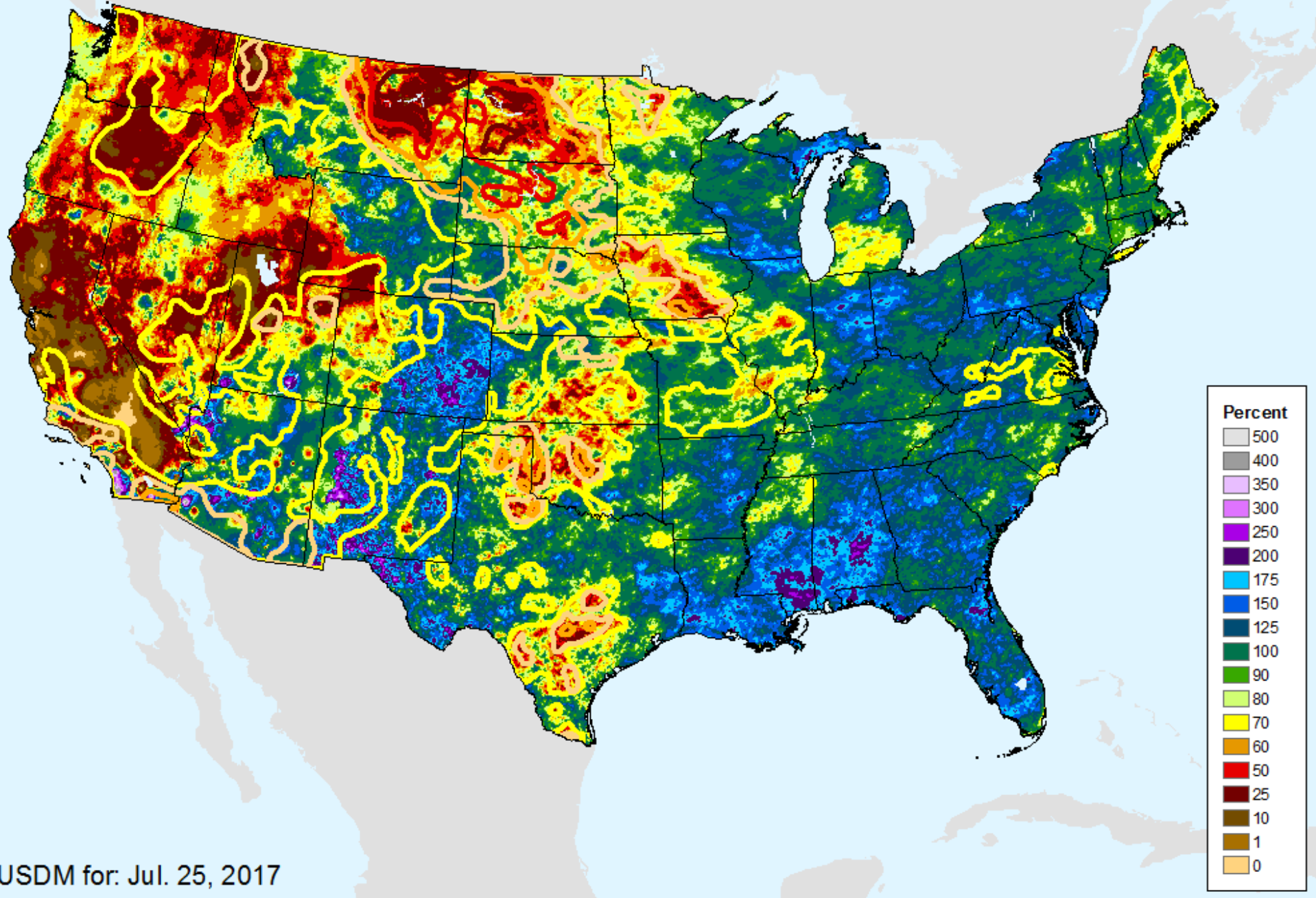


USDM for: Jul. 25, 2017



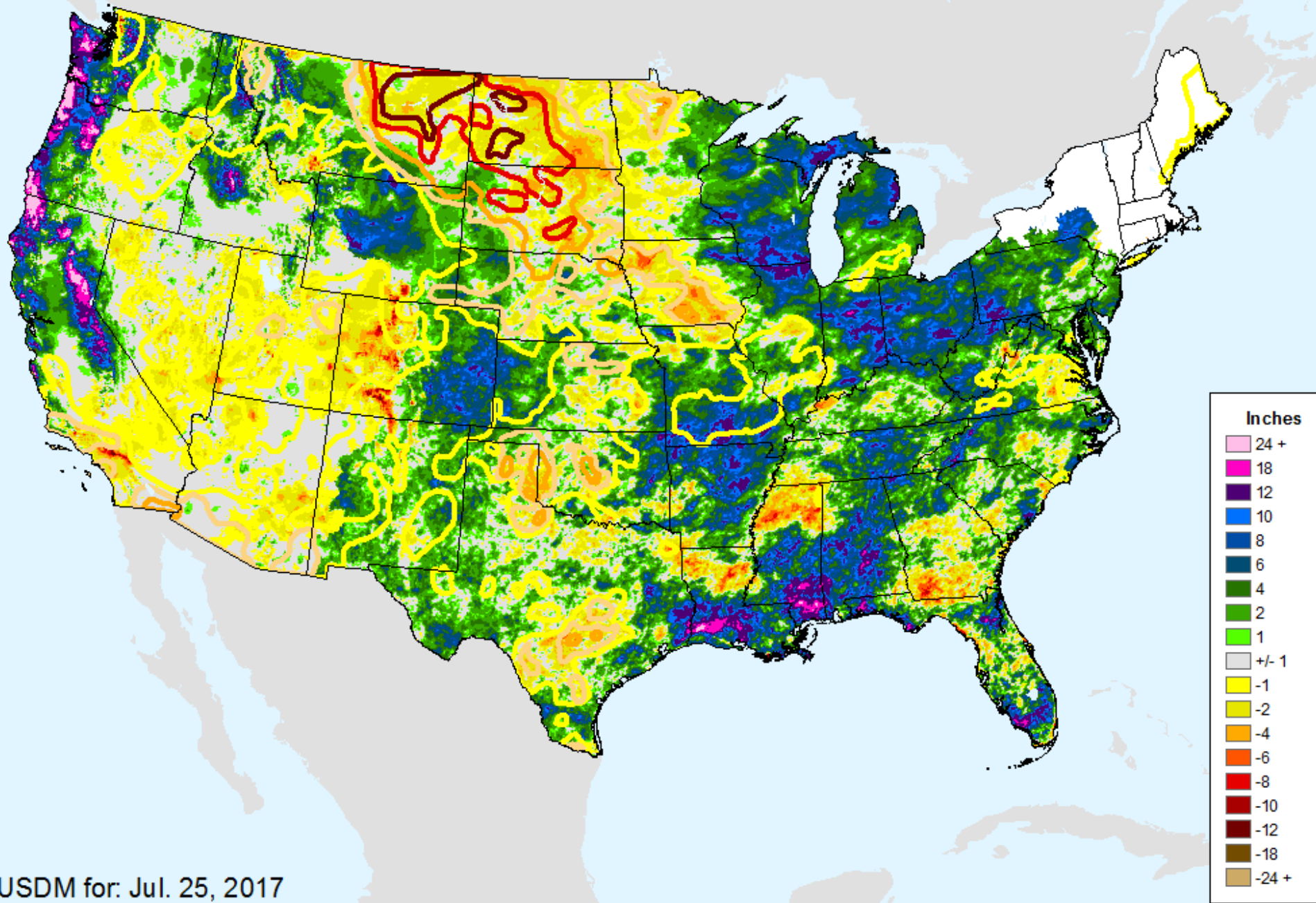
# AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, August 1, 2017



# AHPS 180-Day Precip Departure

As of: Tuesday, August 1, 2017

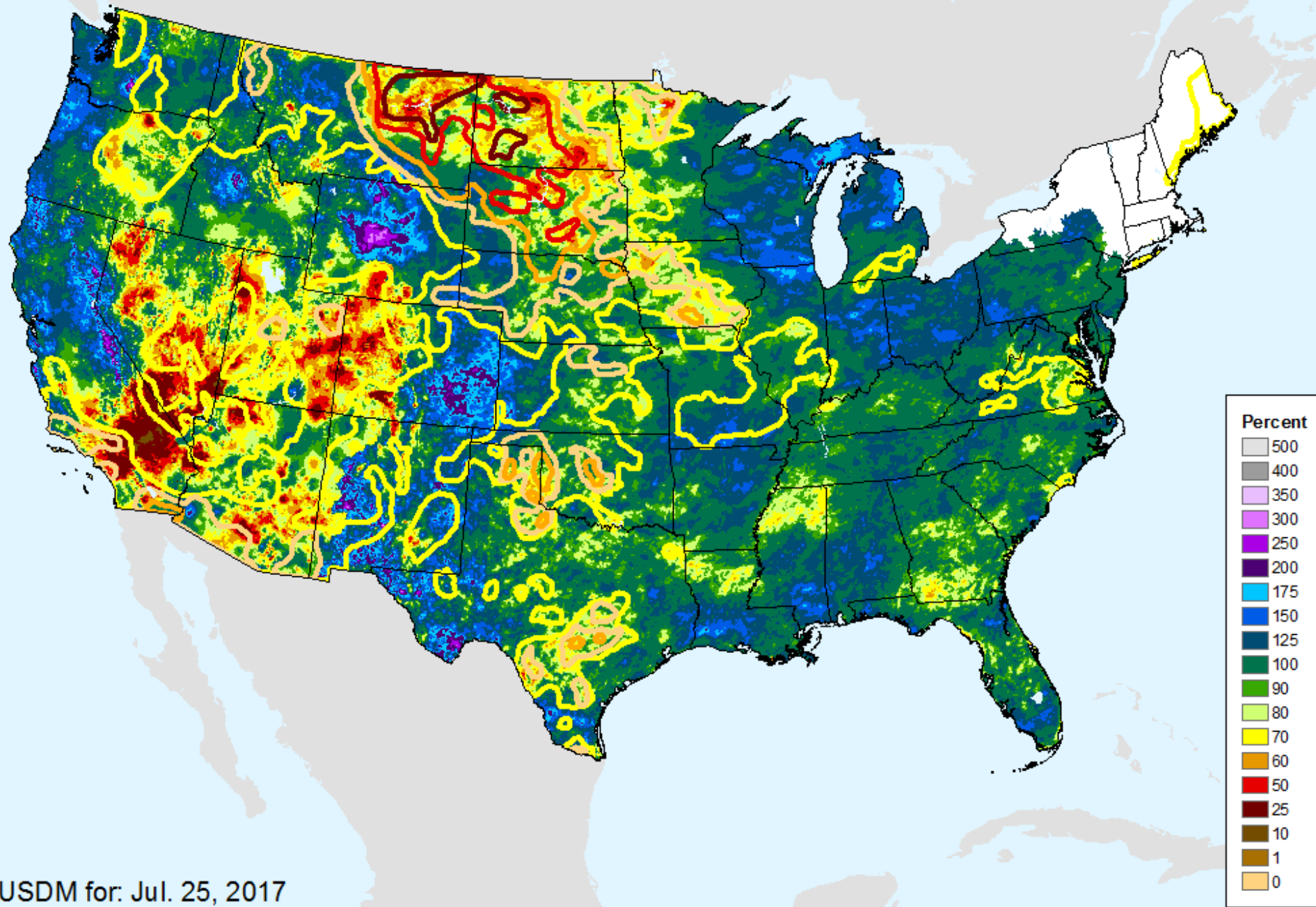


USDM for: Jul. 25, 2017



# AHPS 180-Day Pct of Normal Pcp

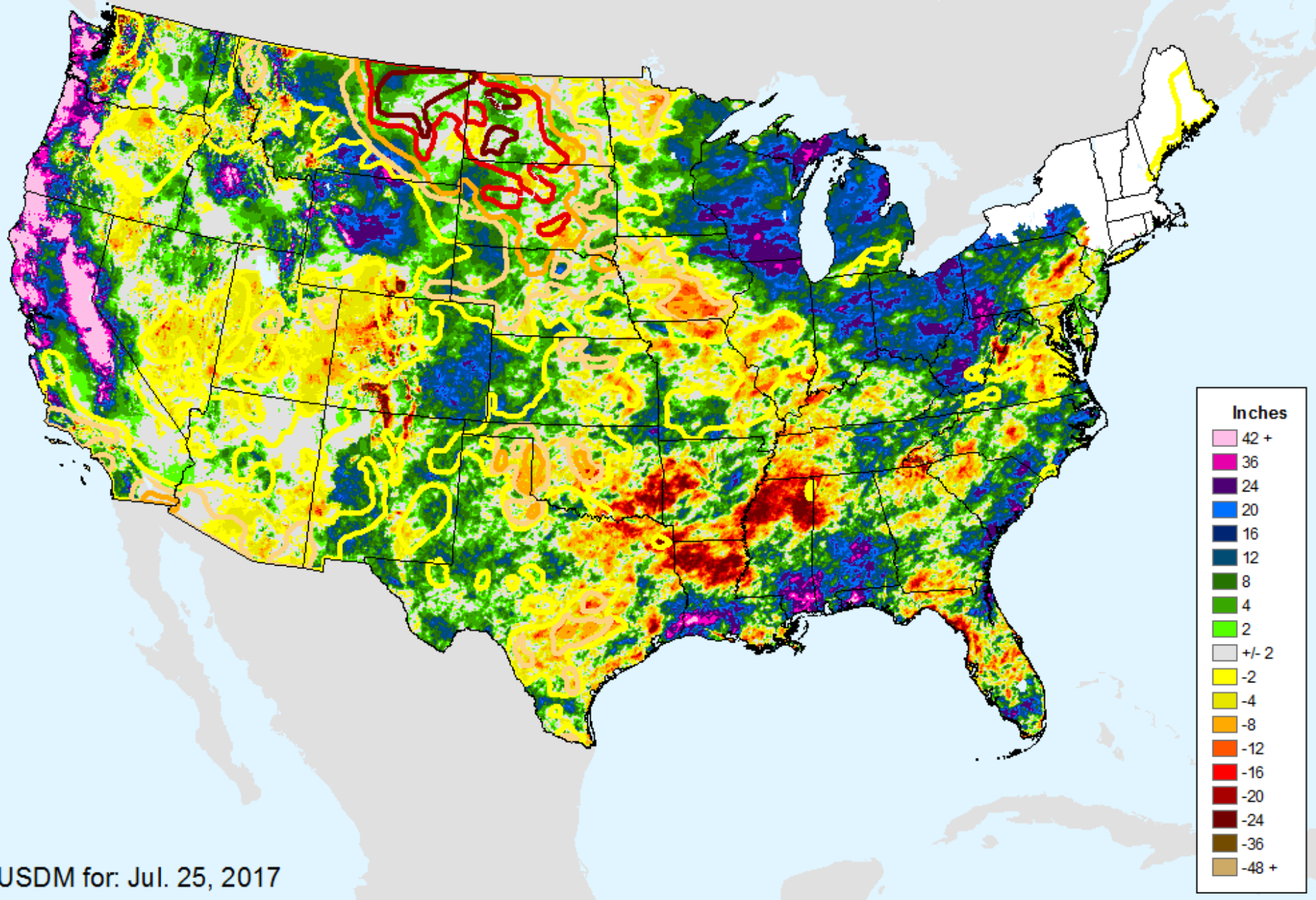
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# AHPS Water-Year Precip Departure

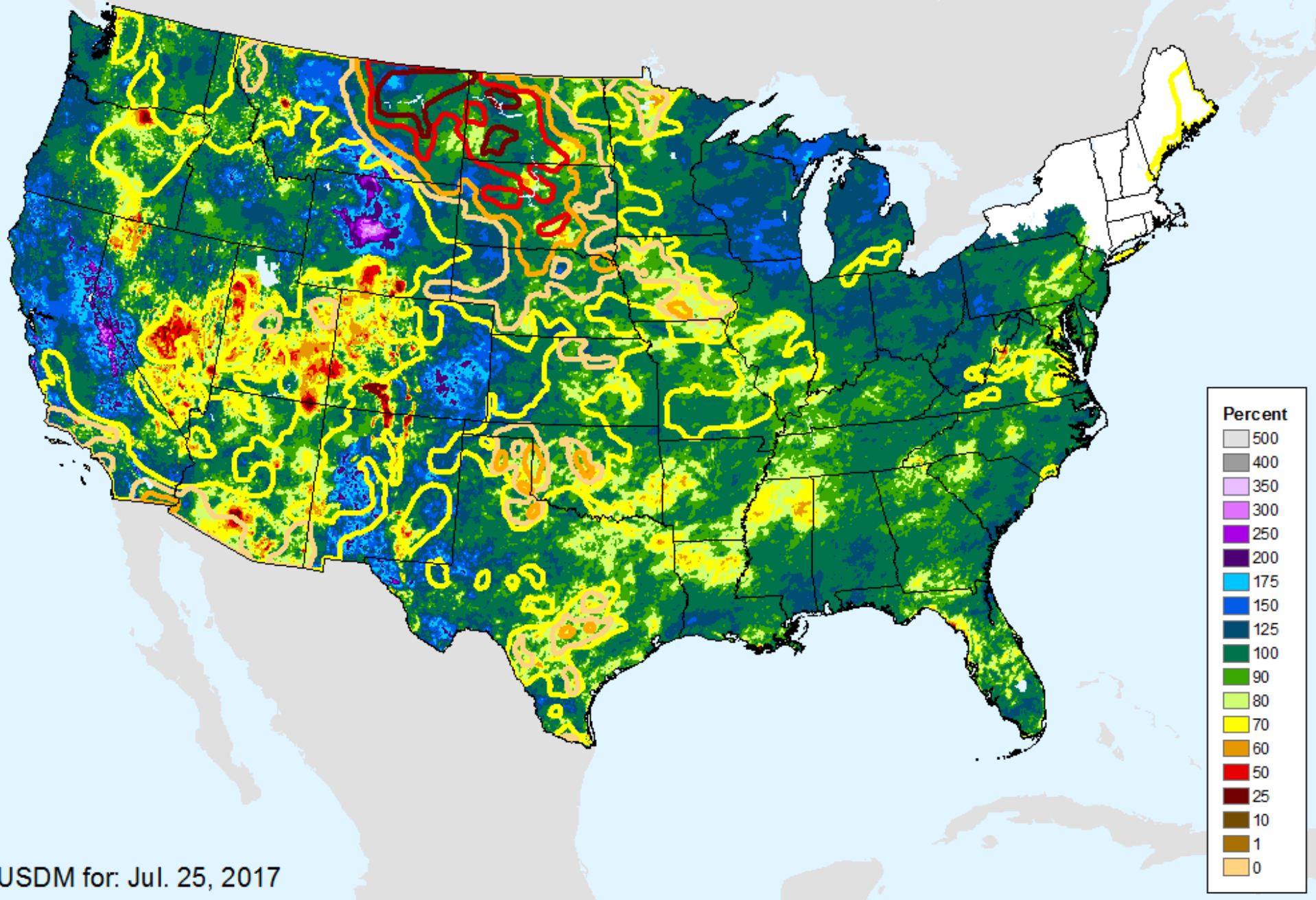
As of: Tuesday, August 1, 2017





# AHPS Water-Year Pct of Normal Pcp

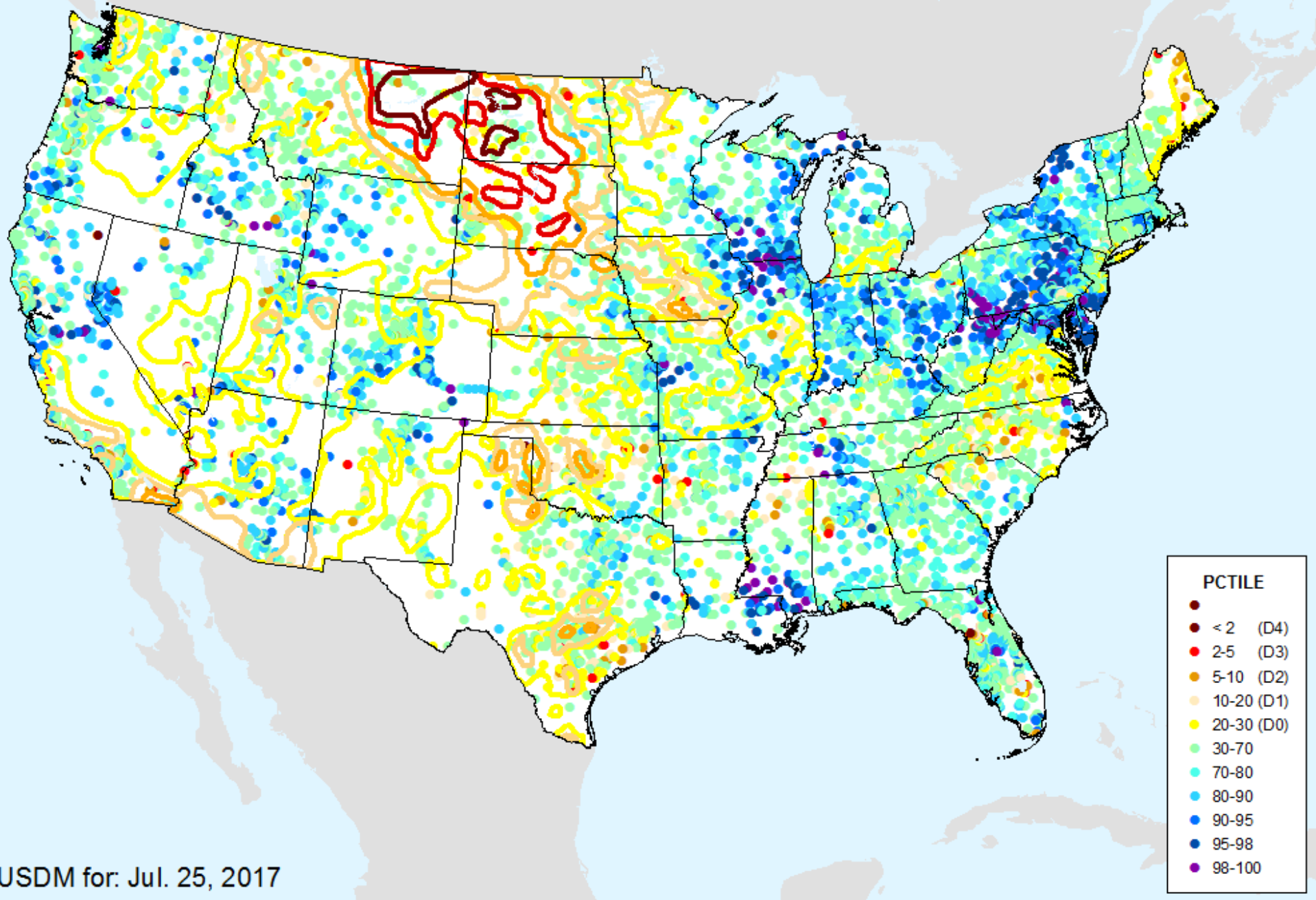
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# USGS 7-Day Avg Streamflow

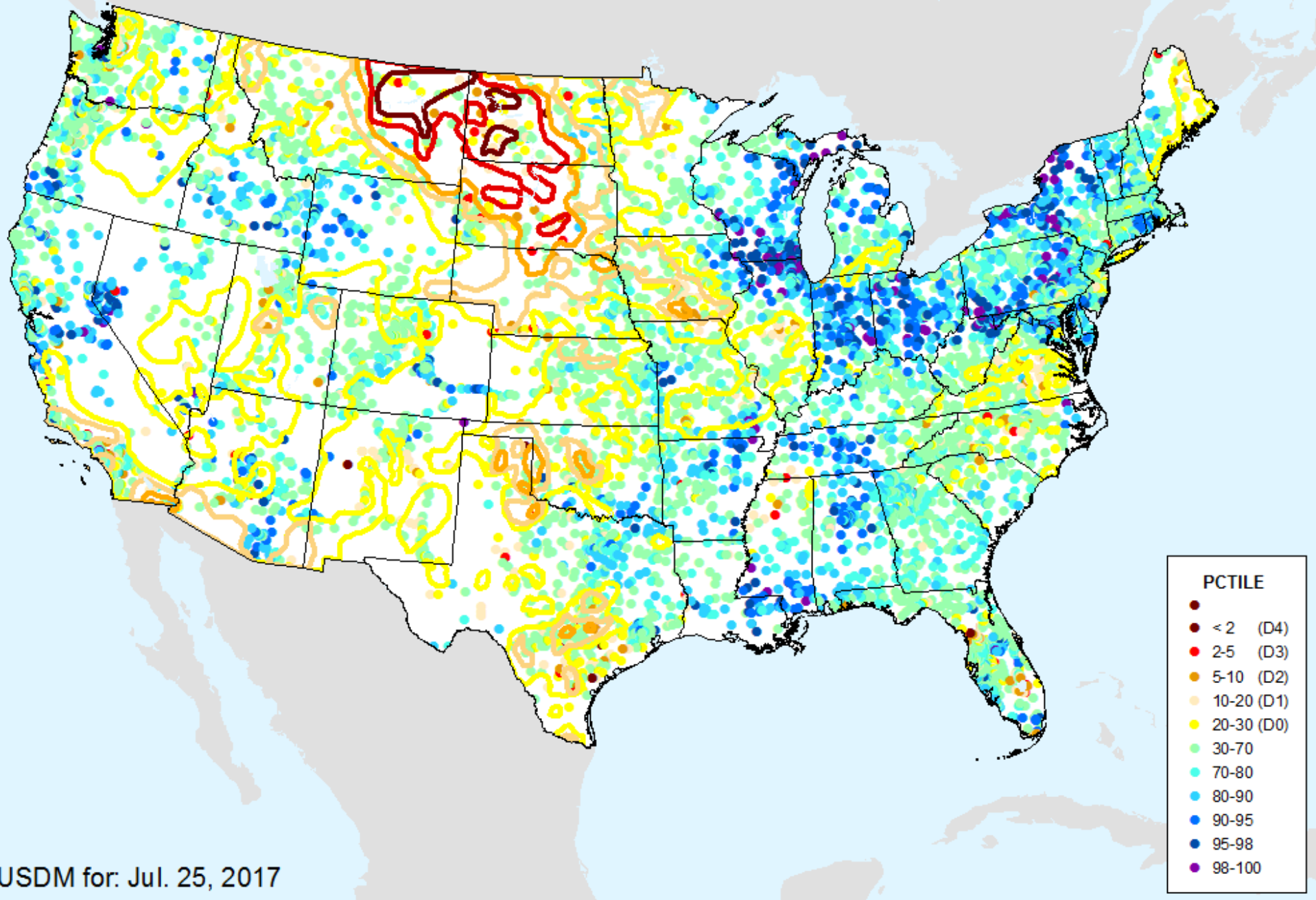
As of: Tuesday, August 1, 2017





# USGS 28-Day Avg Streamflow

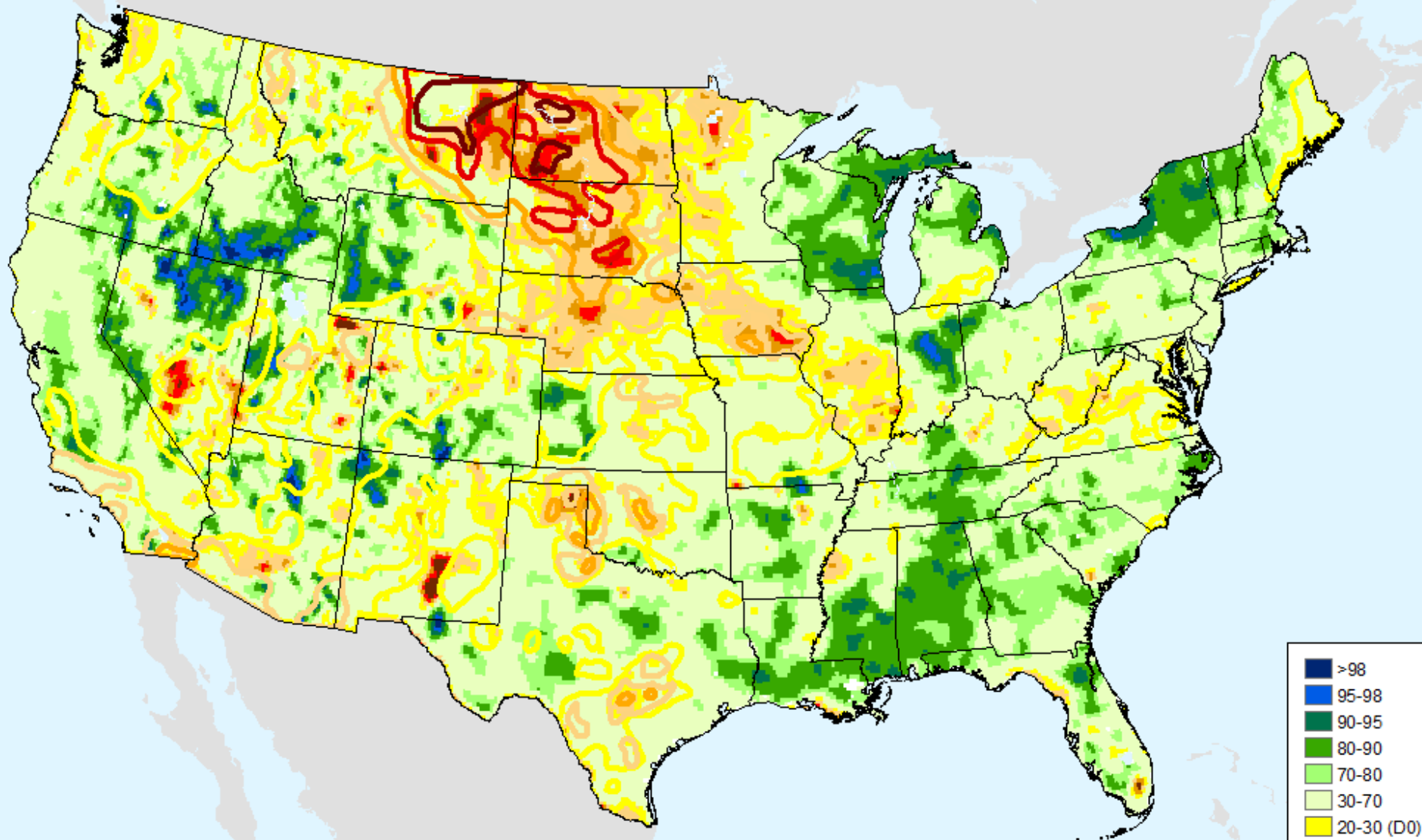
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# NLDAS Top 1m Soil Moisture

As of: Tuesday, August 1, 2017

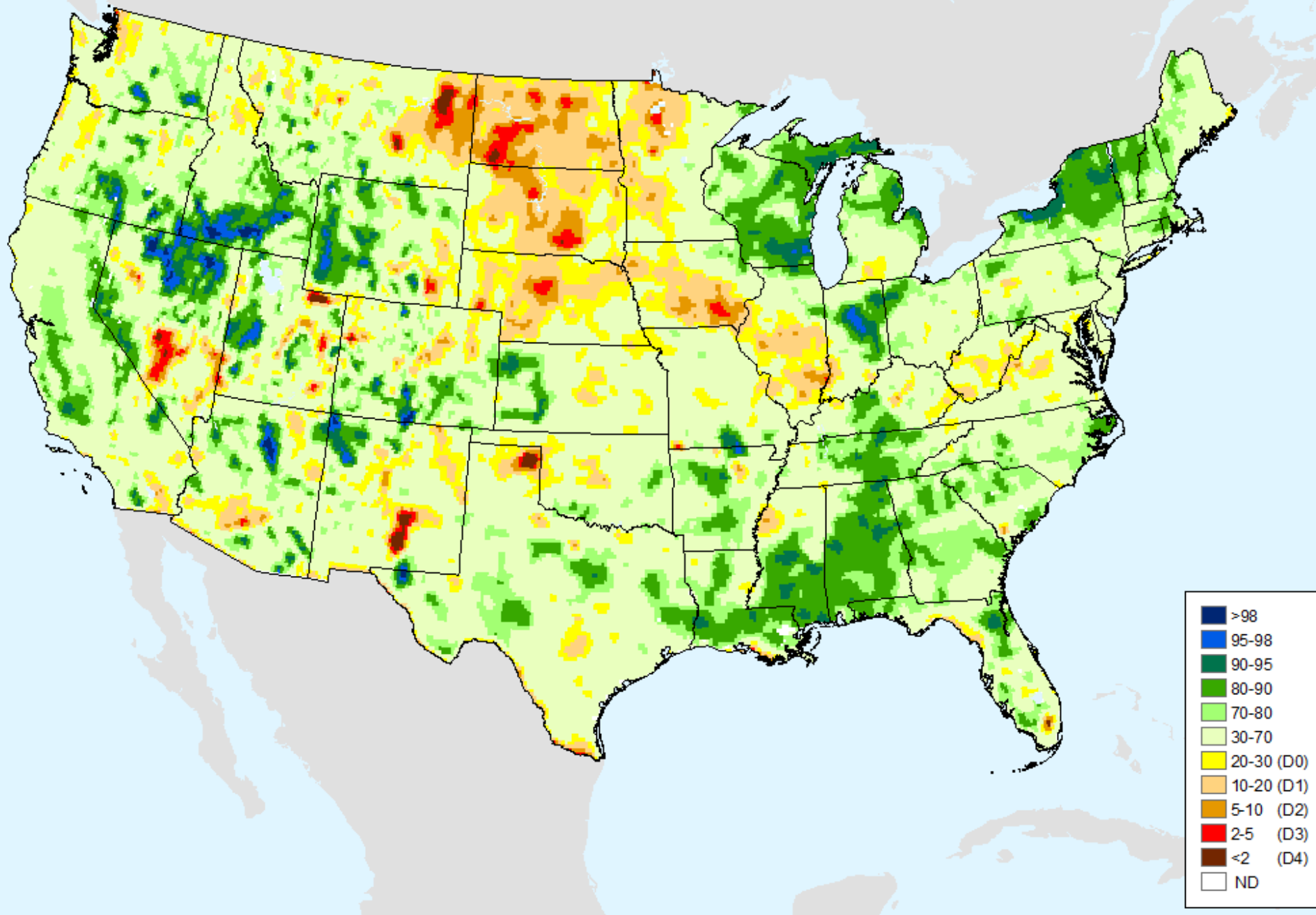


USDM for: Jul. 25, 2017



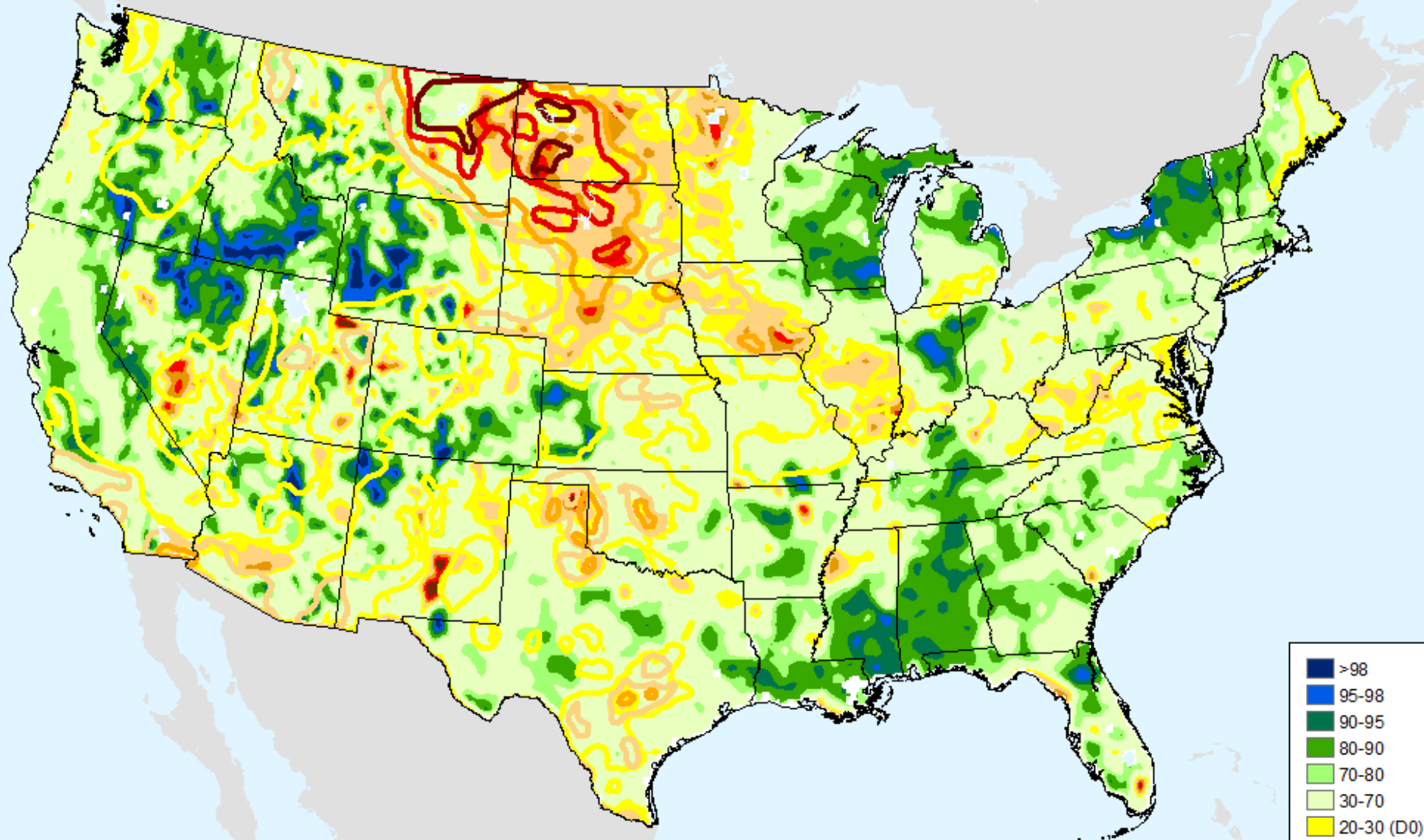
# NLDAS Top 1m Soil Moisture

As of: Tuesday, August 1, 2017



# NLDAS Total Column Soil Moisture

As of: Tuesday, August 1, 2017

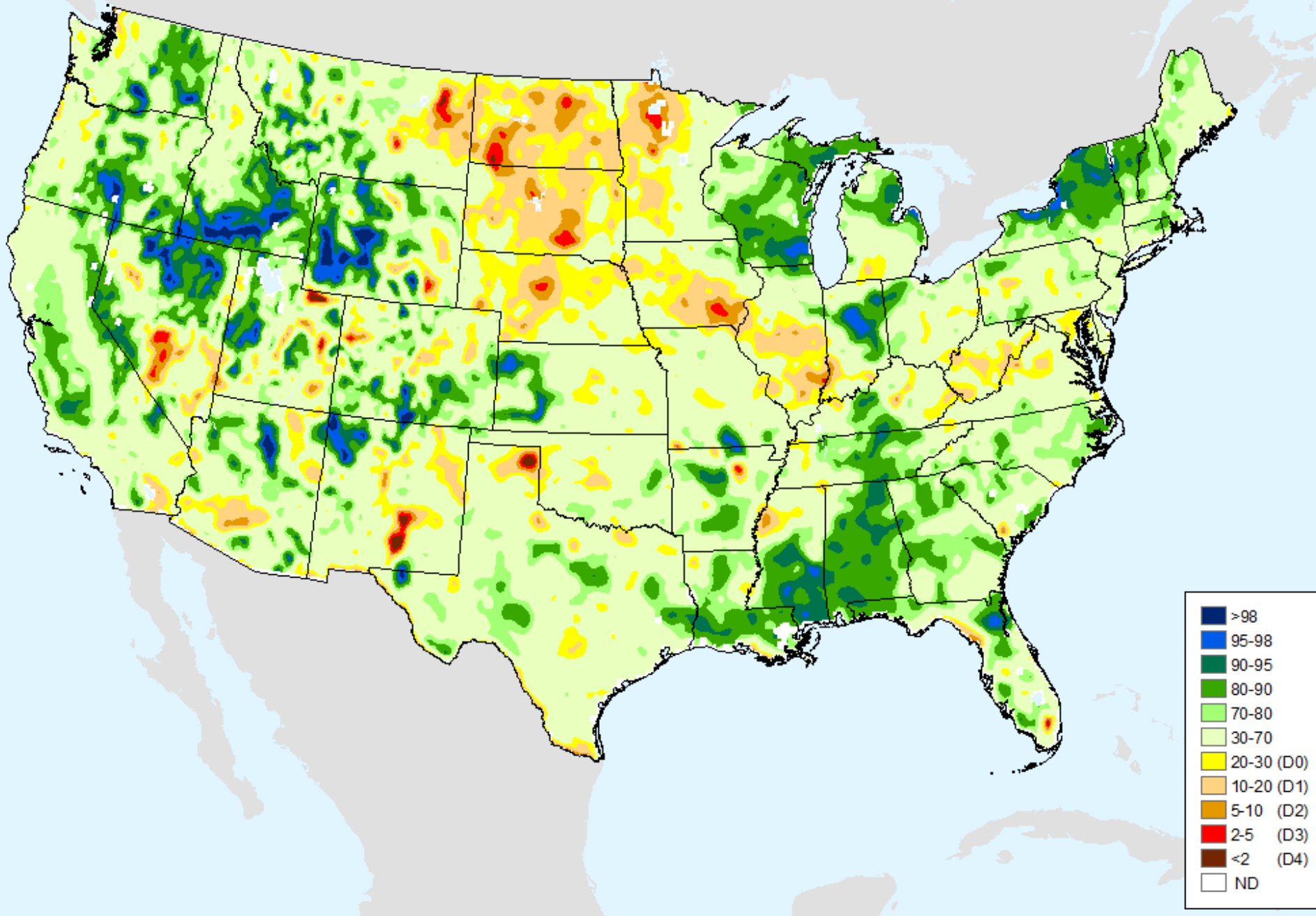


USDM for: Jul. 25, 2017



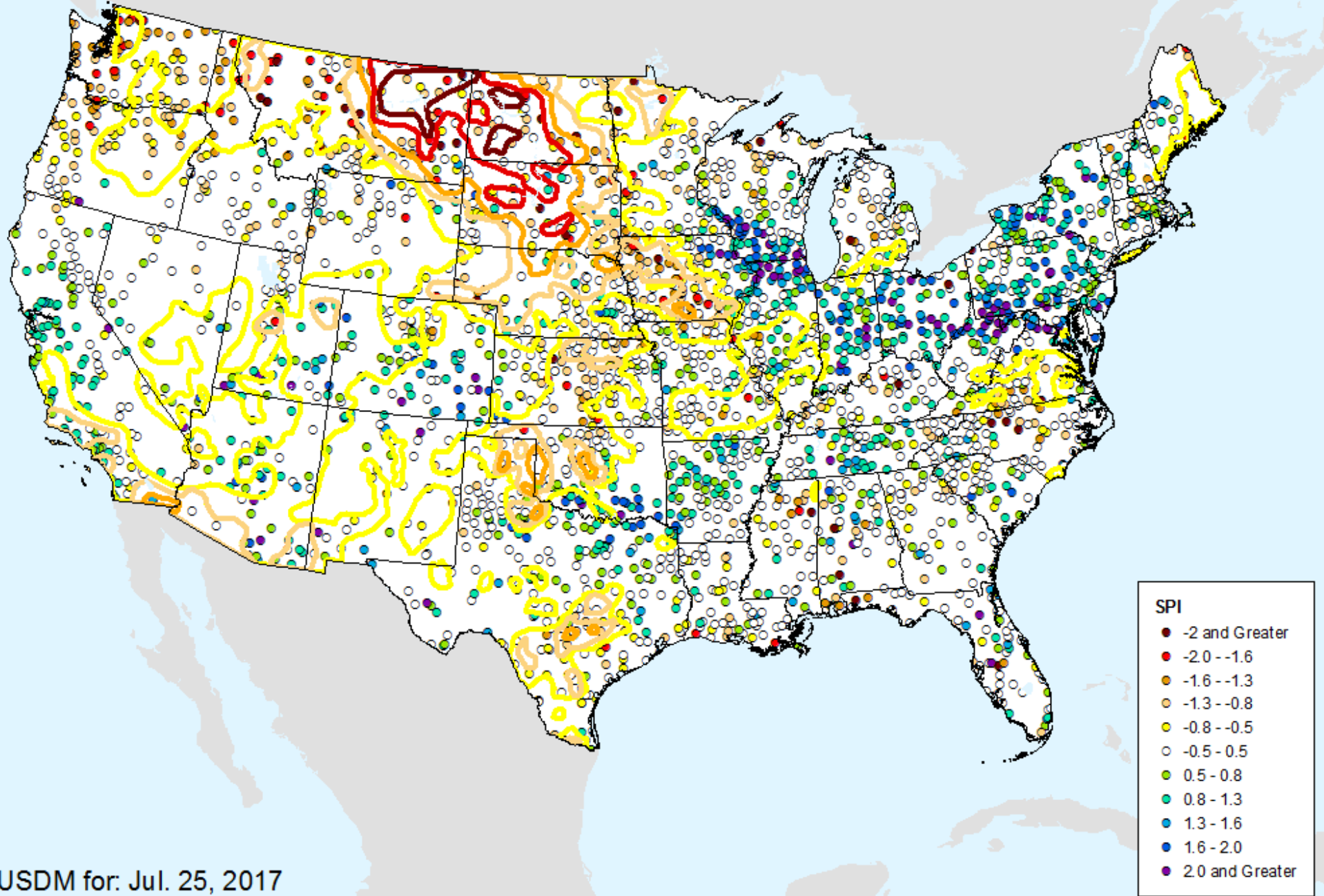
# NLDAS Total Column Soil Moisture

As of: Tuesday, August 1, 2017



# HPRCC 1-month SPI

As of: Tuesday, August 1, 2017

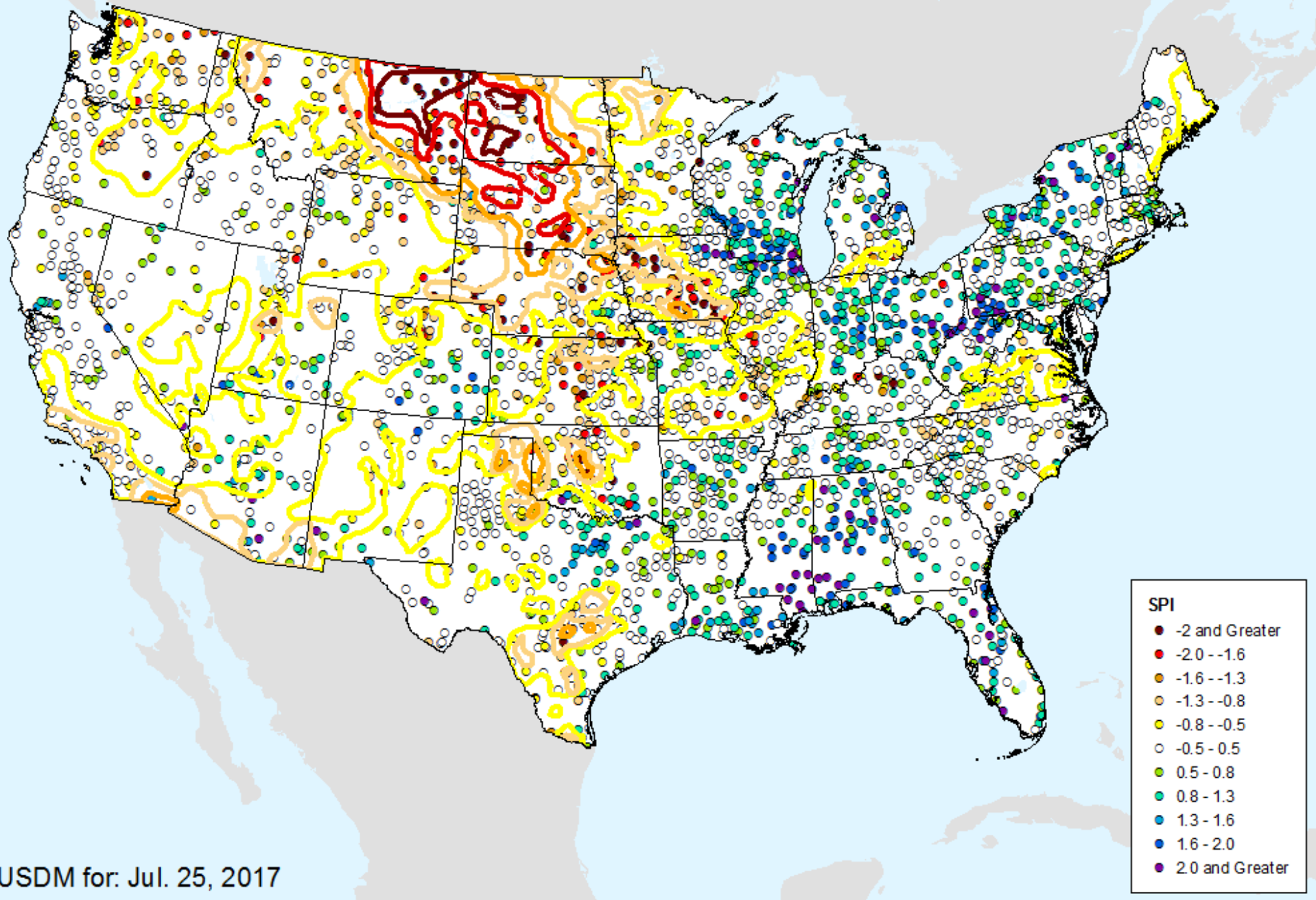


USDM for: Jul. 25, 2017



# HPRCC 2-month SPI

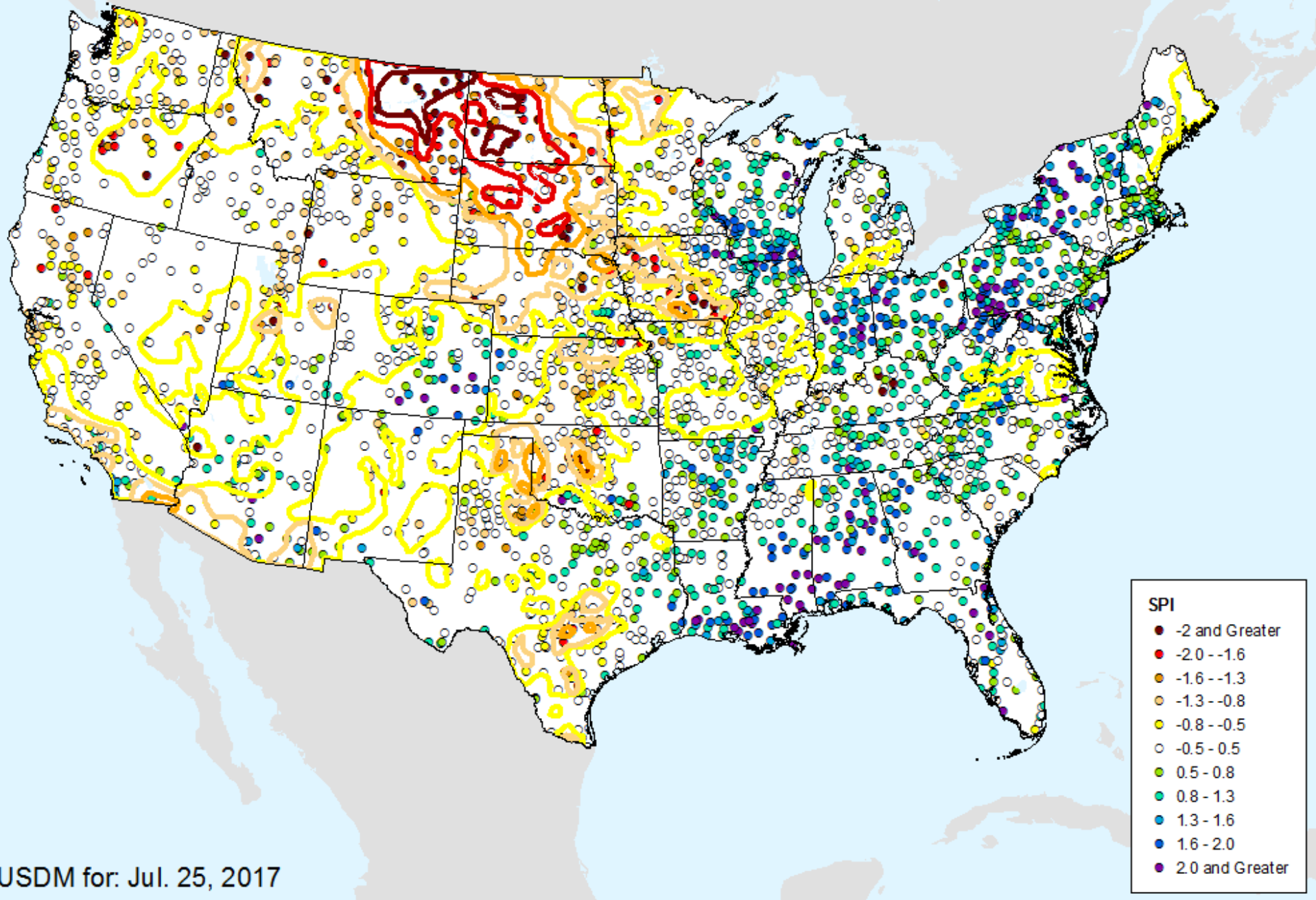
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# HPRCC 3-month SPI

As of: Tuesday, August 1, 2017

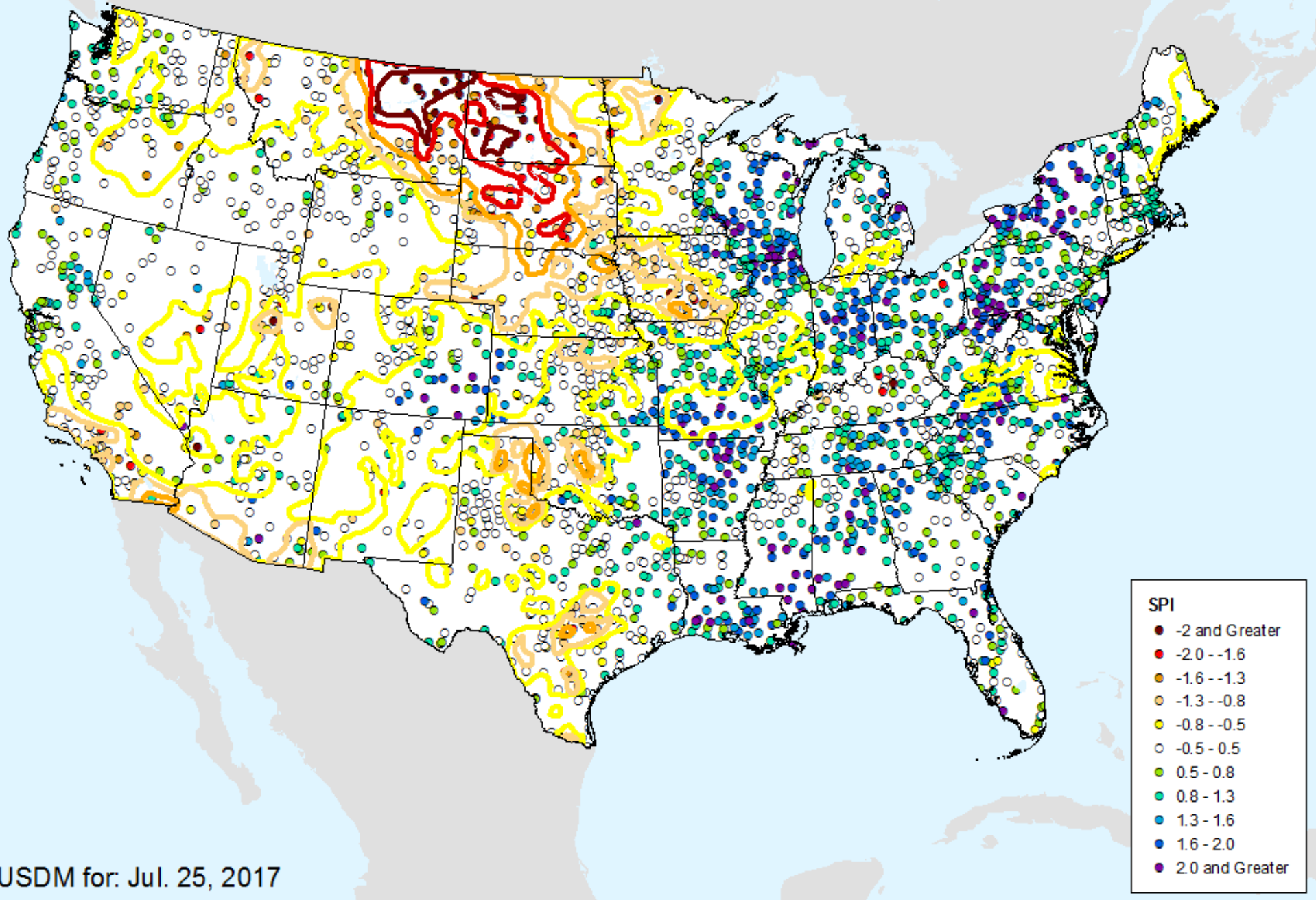


USDM for: Jul. 25, 2017



# HPRCC 4-month SPI

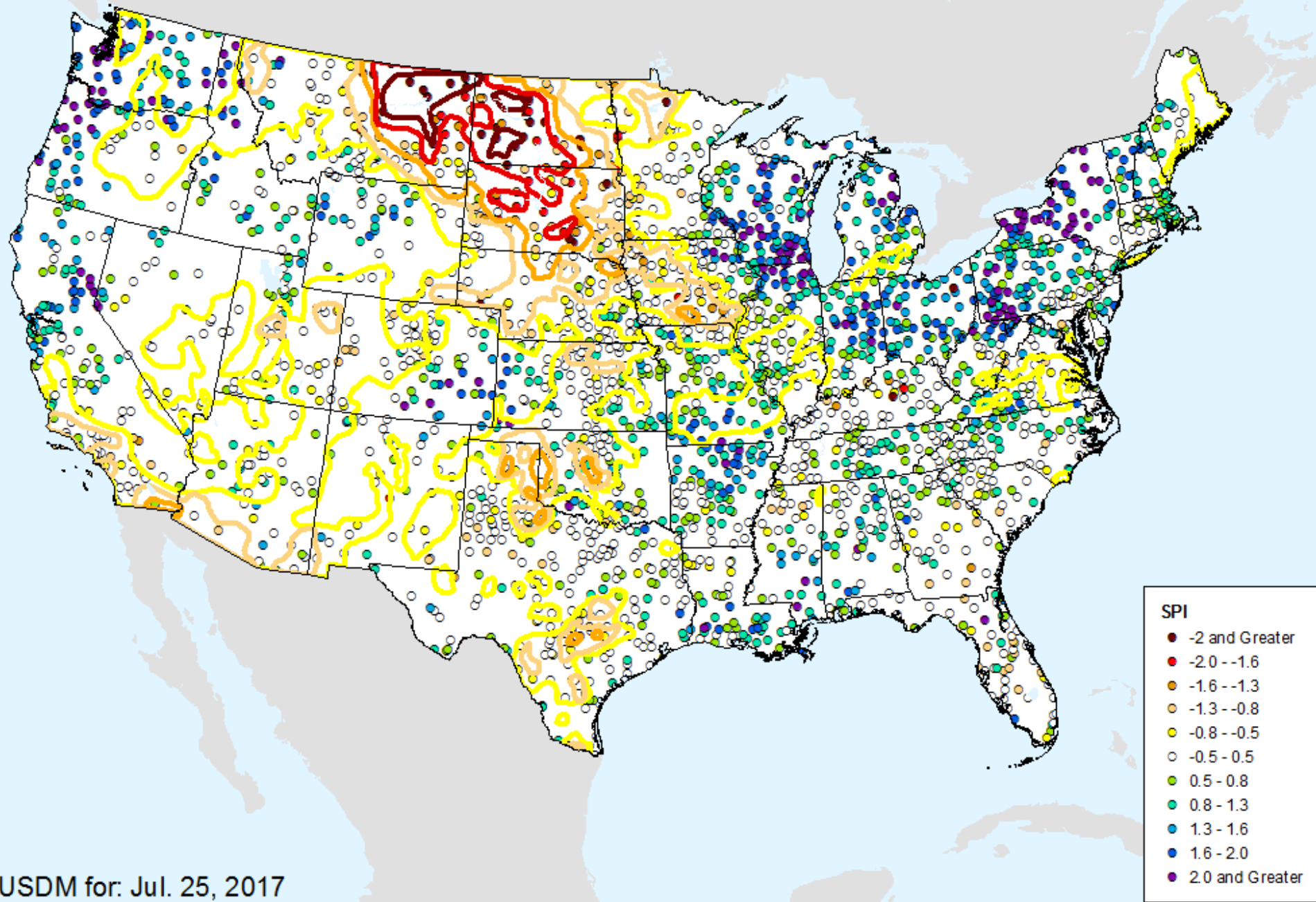
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# HPRCC 6-month SPI

As of: Tuesday, August 1, 2017

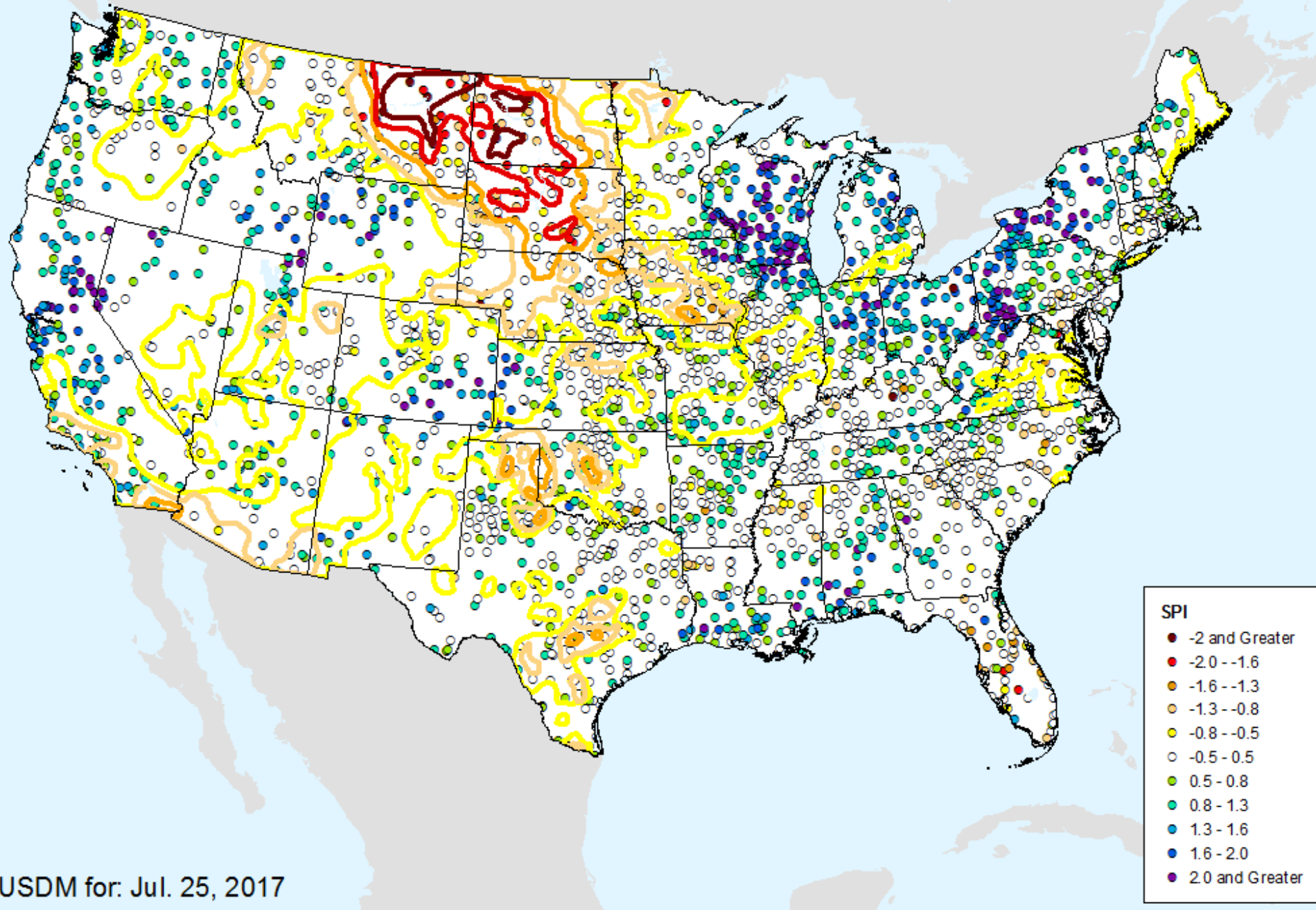


USDM for: Jul. 25, 2017



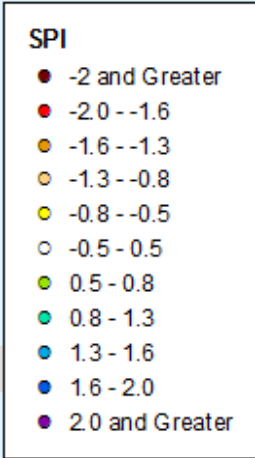
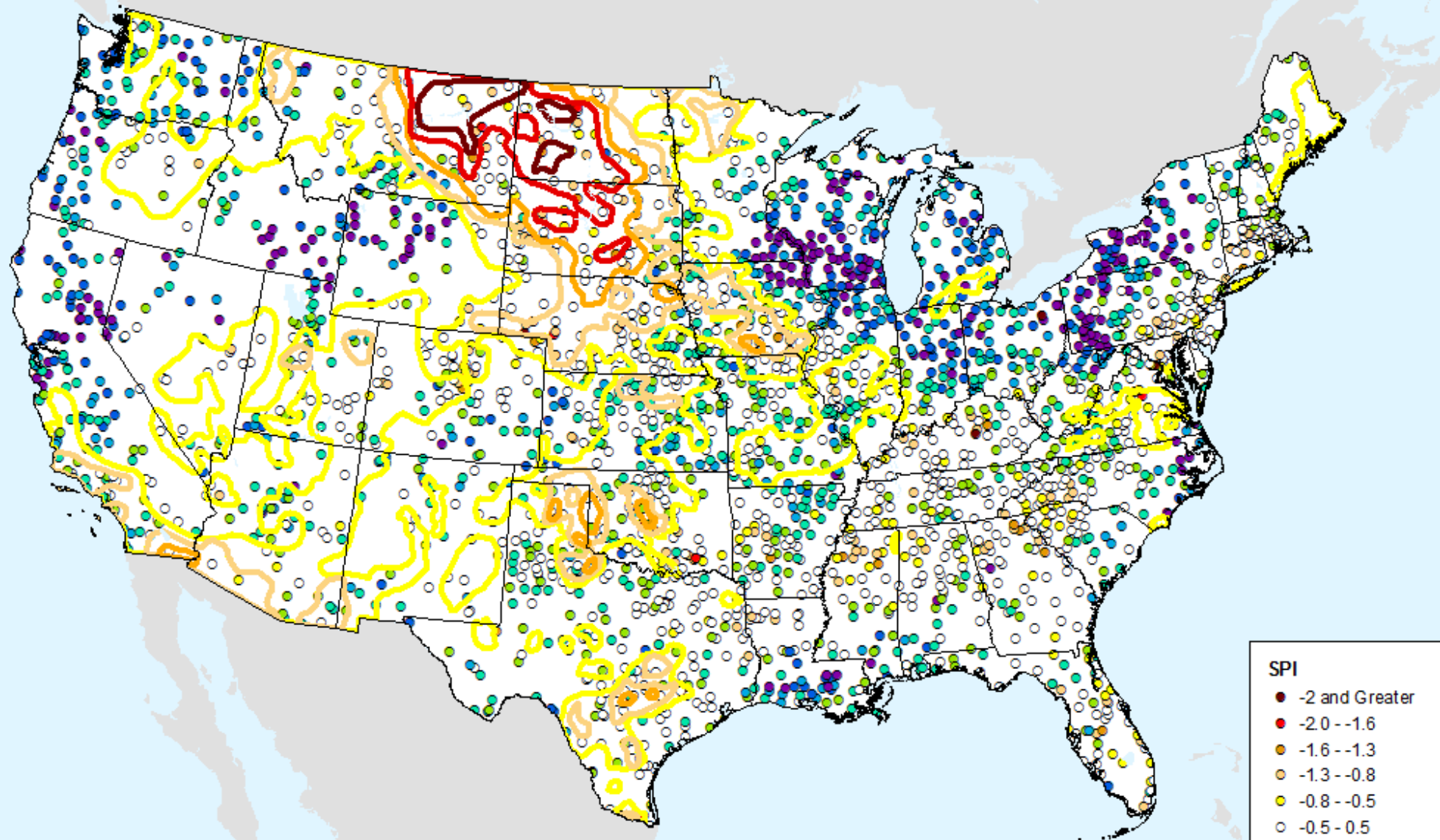
# HPRCC 9-month SPI

As of: Tuesday, August 1, 2017



# HPRCC 12-month SPI

As of: Tuesday, August 1, 2017

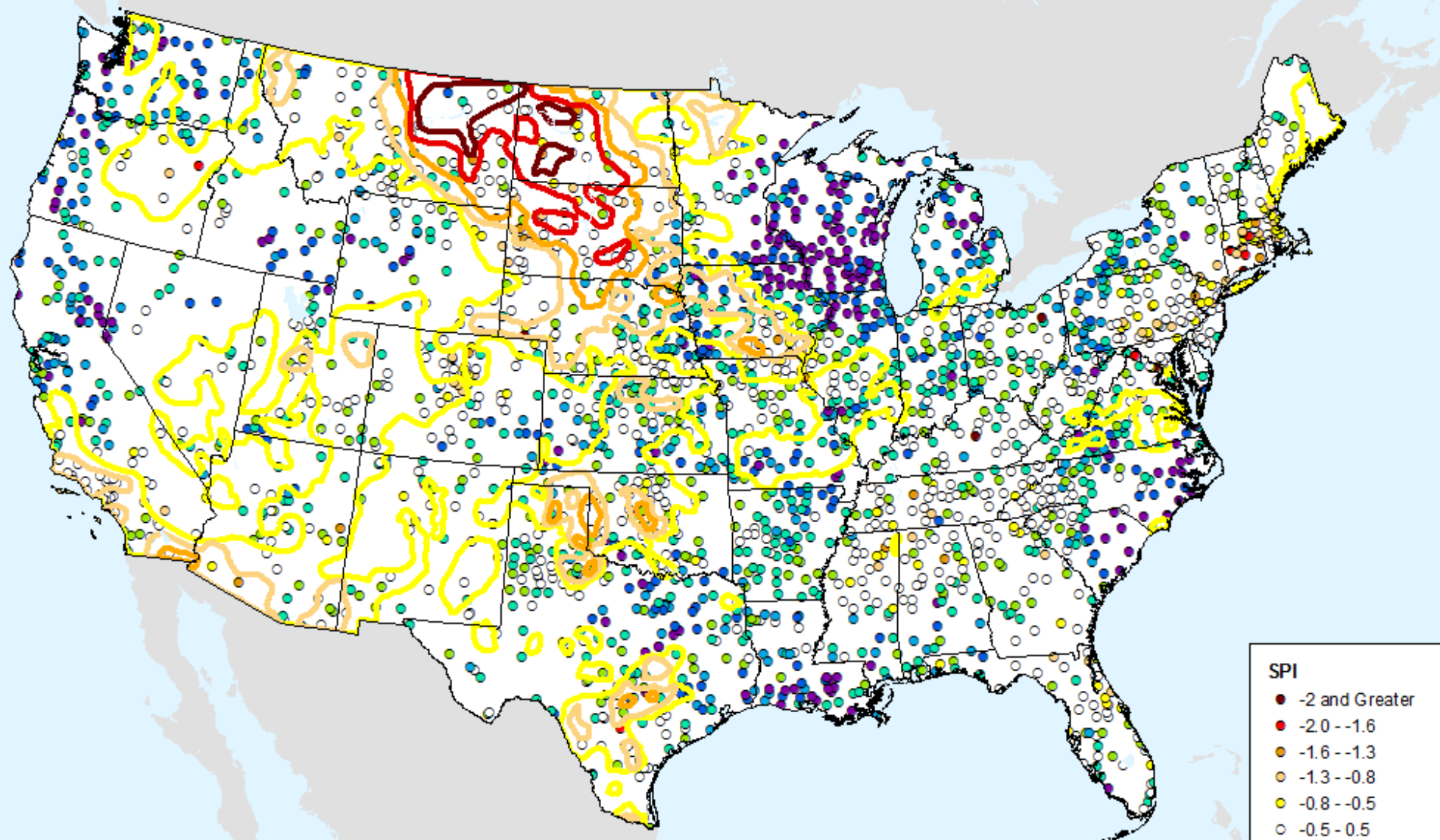


USDM for: Jul. 25, 2017



# HPRCC 24-month SPI

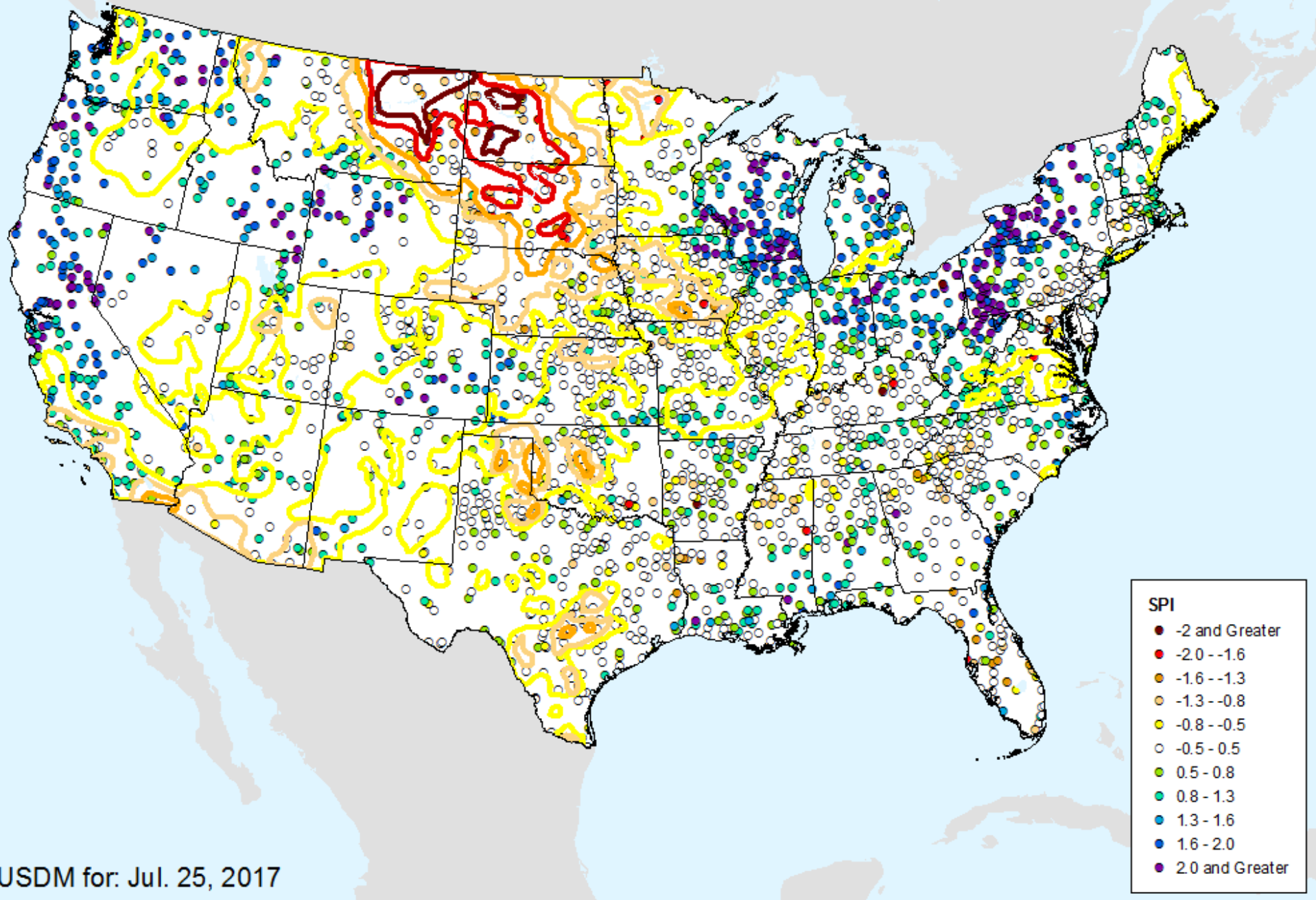
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# HPRCC Water Year-to-date SPI

As of: Tuesday, August 1, 2017

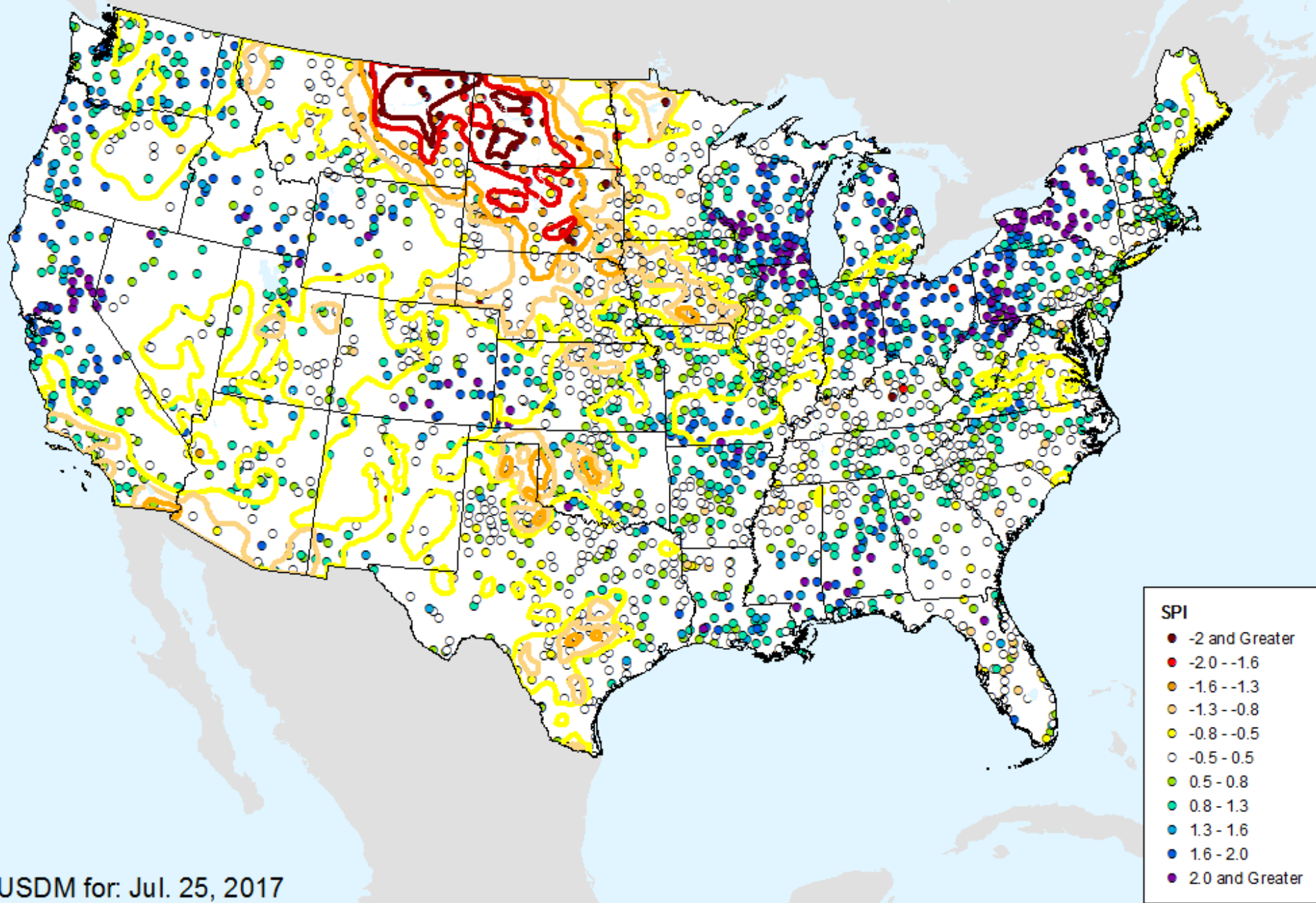


USDM for: Jul. 25, 2017



# HPRCC Year-to-date SPI

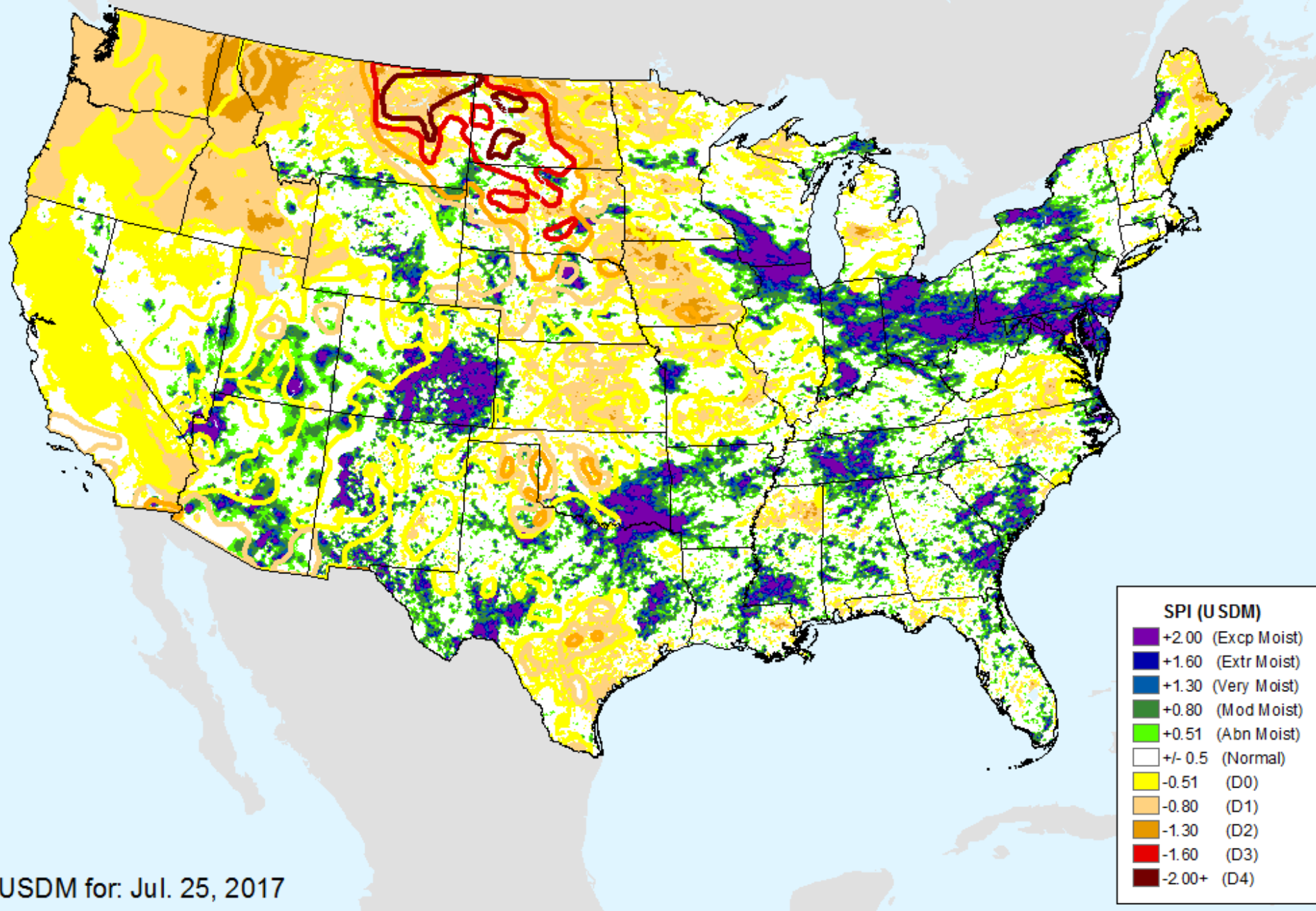
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# AHPS 1-month SPI

As of: Tuesday, August 1, 2017

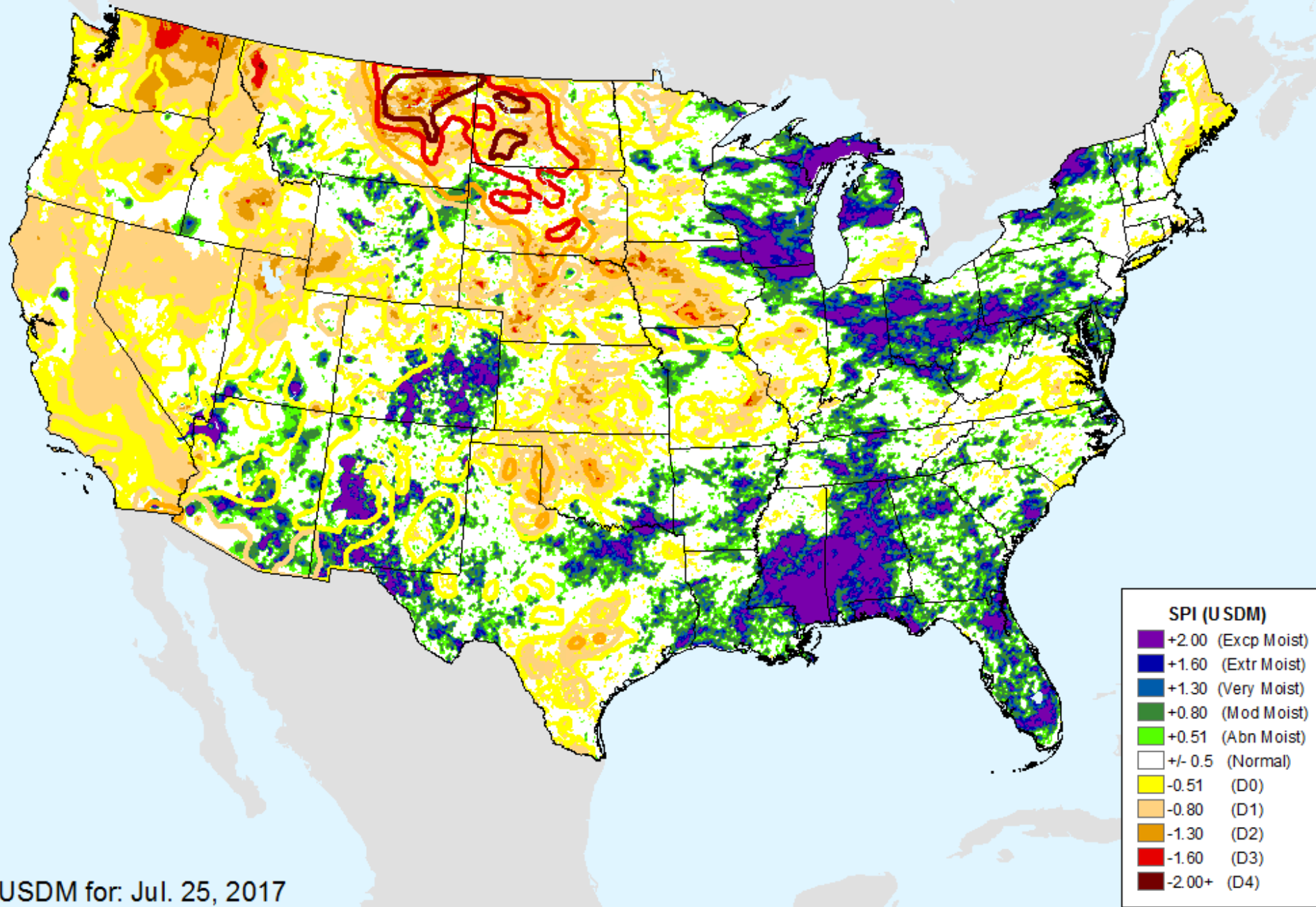


USDM for: Jul. 25, 2017



# AHPS 2-month SPI

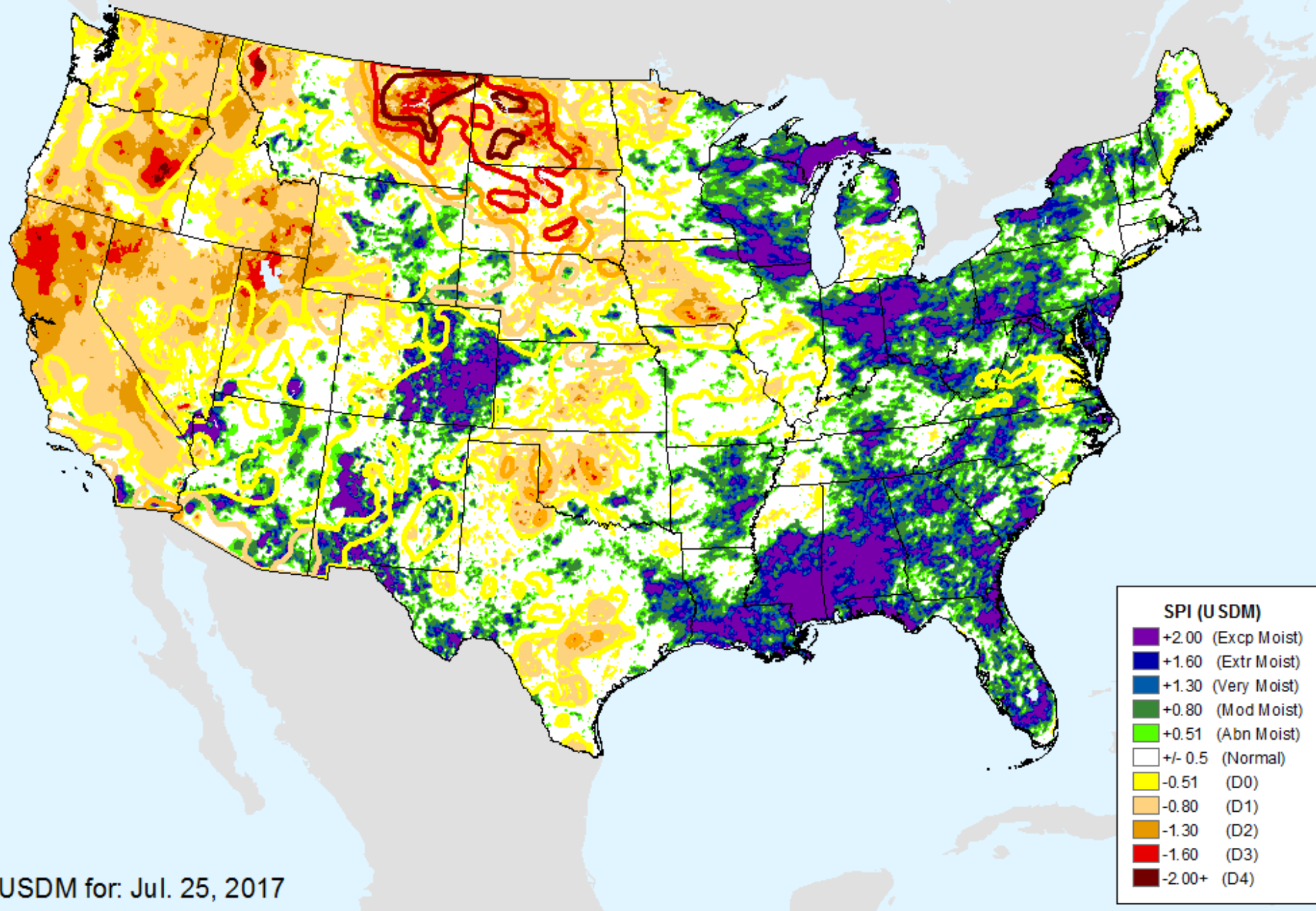
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# AHPS 3-month SPI

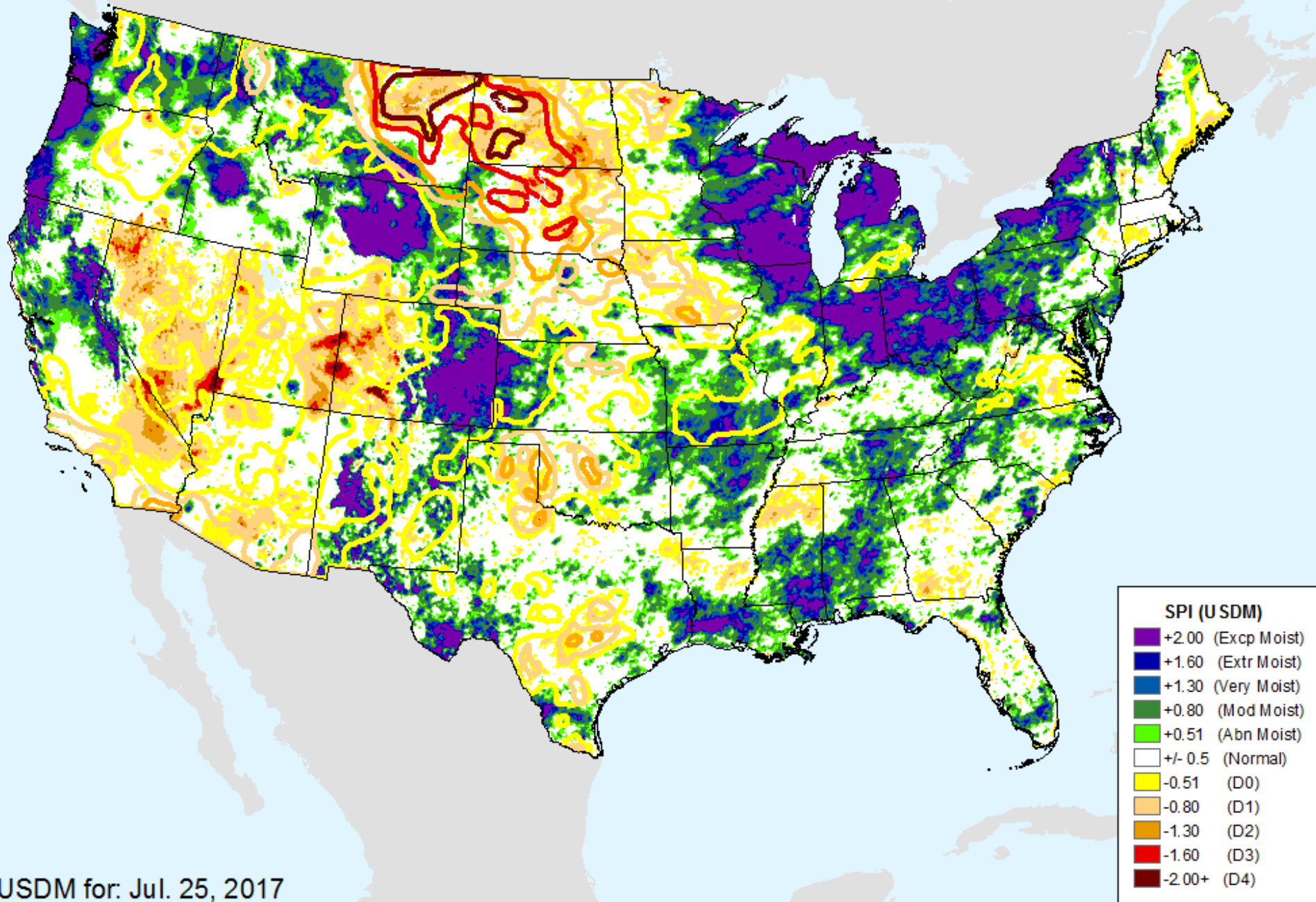
As of: Tuesday, August 1, 2017





# AHPS 6-month SPI

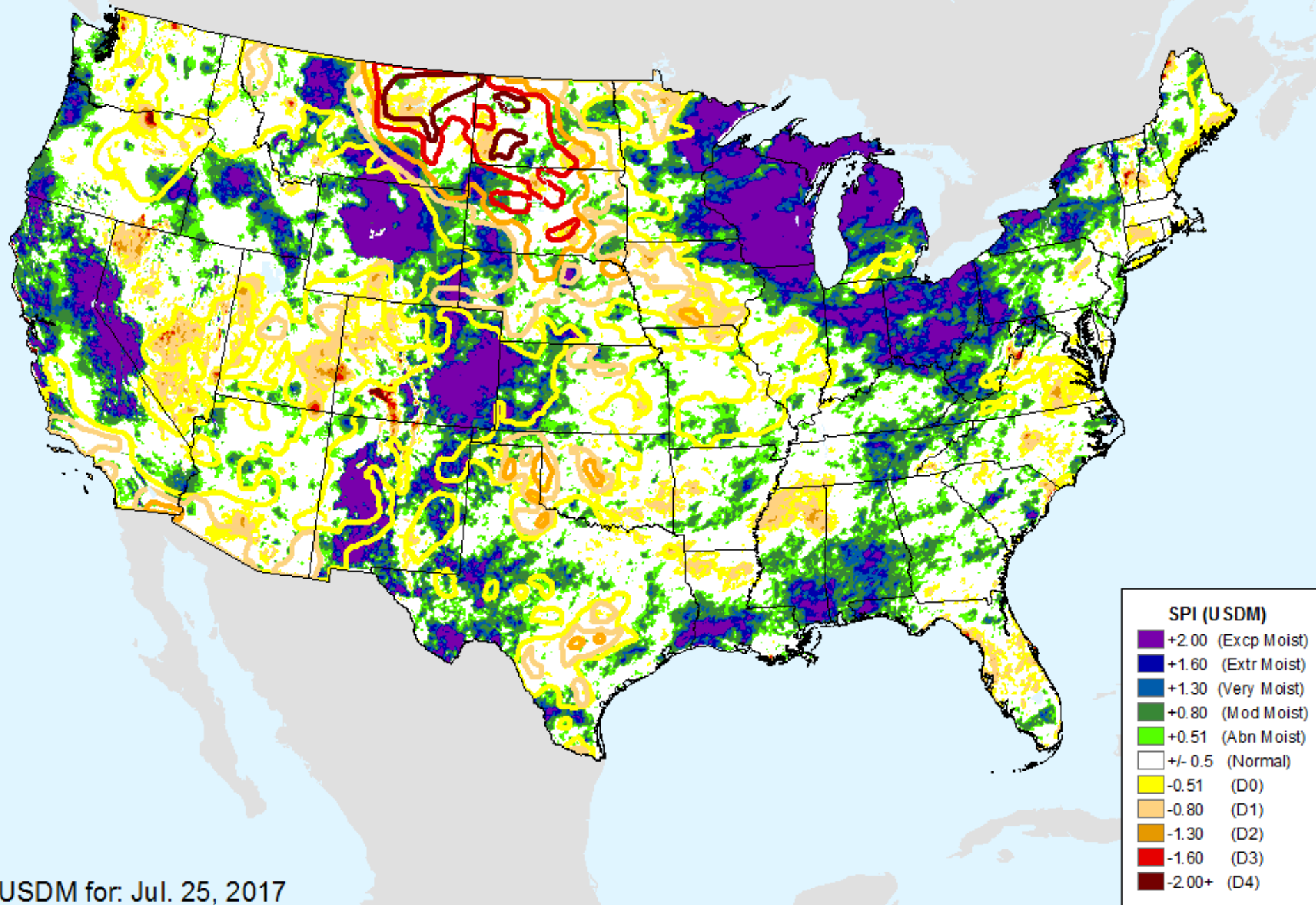
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# AHPS 9-month SPI

As of: Tuesday, August 1, 2017

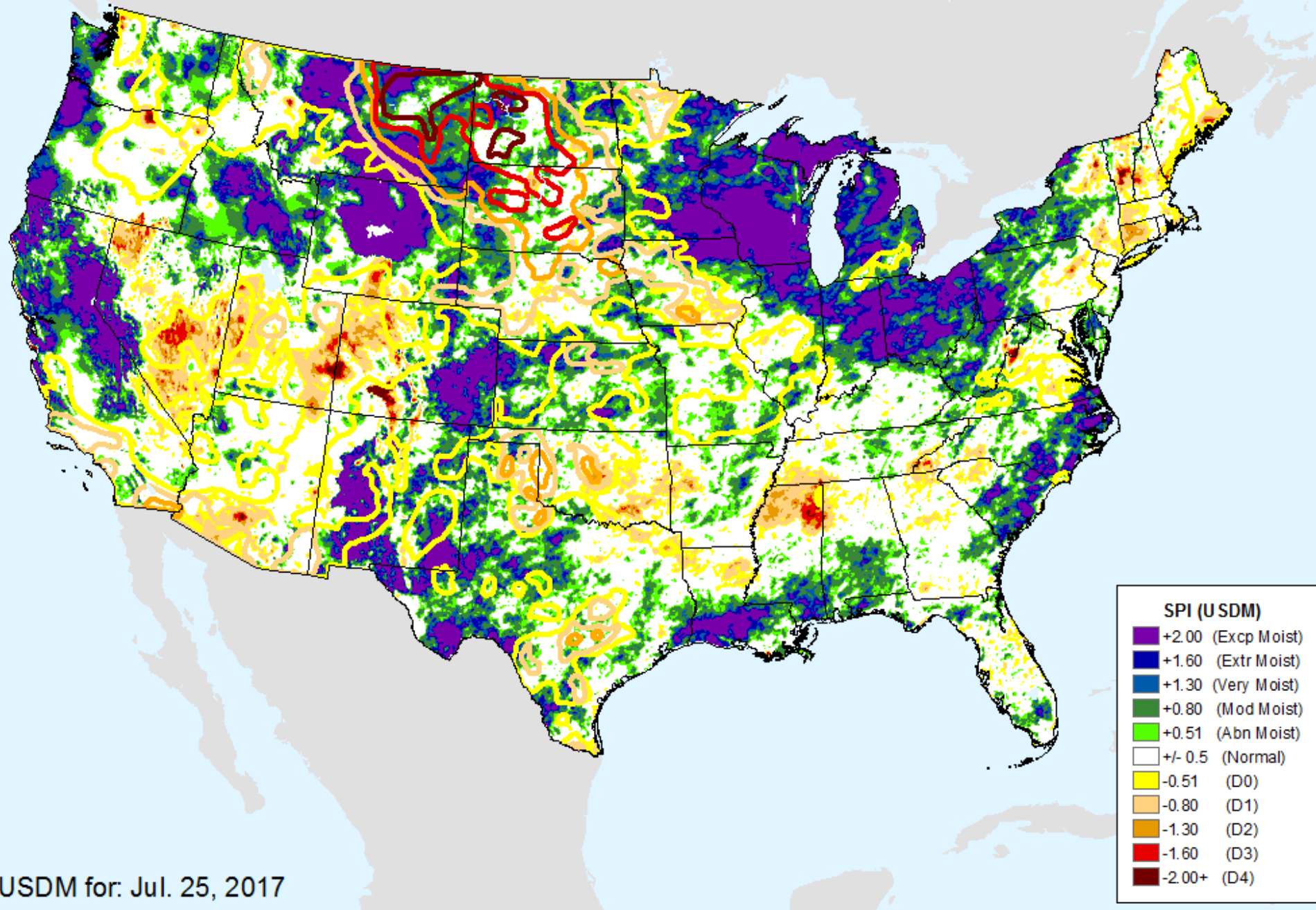


USDM for: Jul. 25, 2017



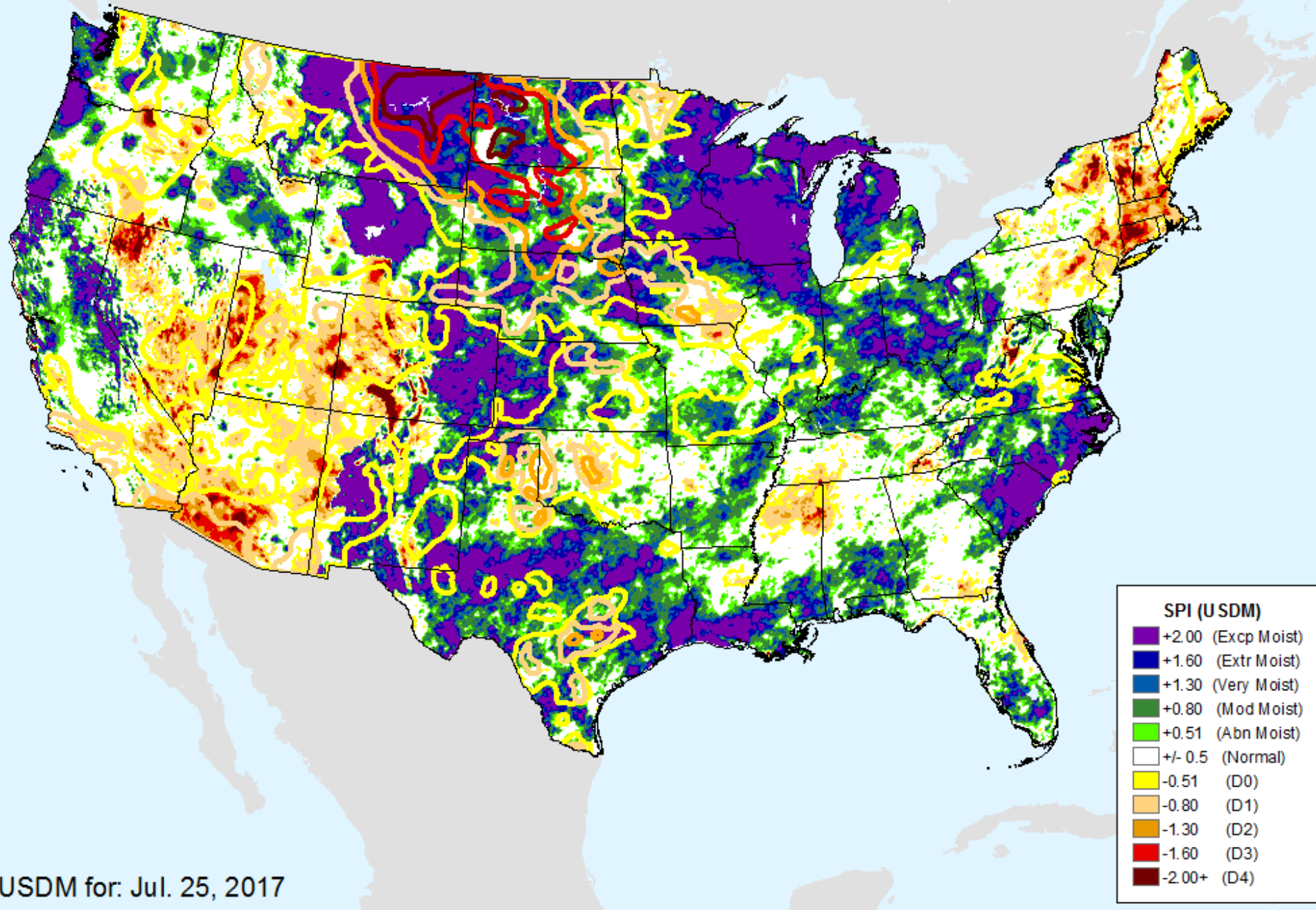
# AHPS 12-month SPI

As of: Tuesday, August 1, 2017



# AHPS 24-month SPI

As of: Tuesday, August 1, 2017

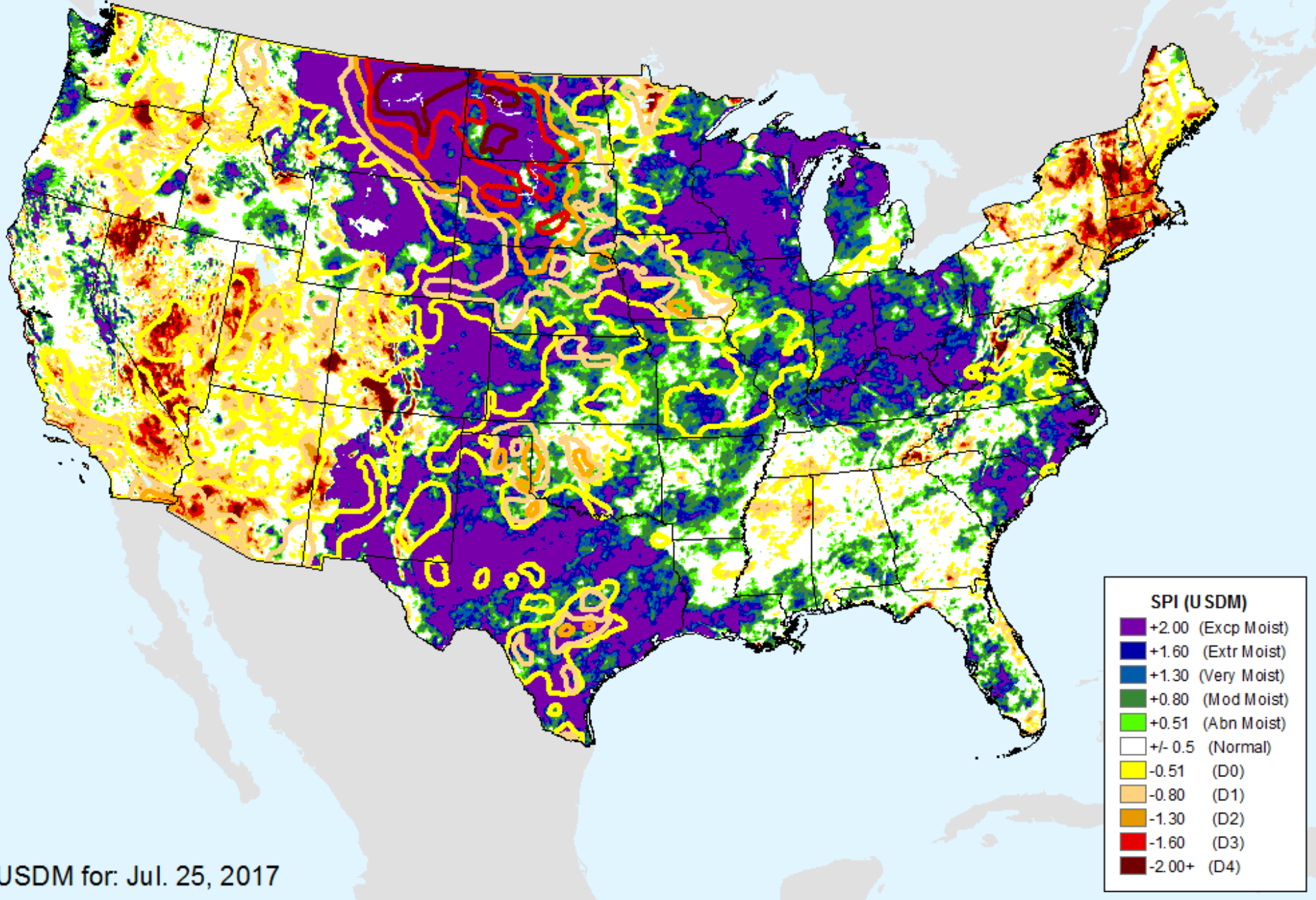


USDM for: Jul. 25, 2017



# AHPS 36-month SPI

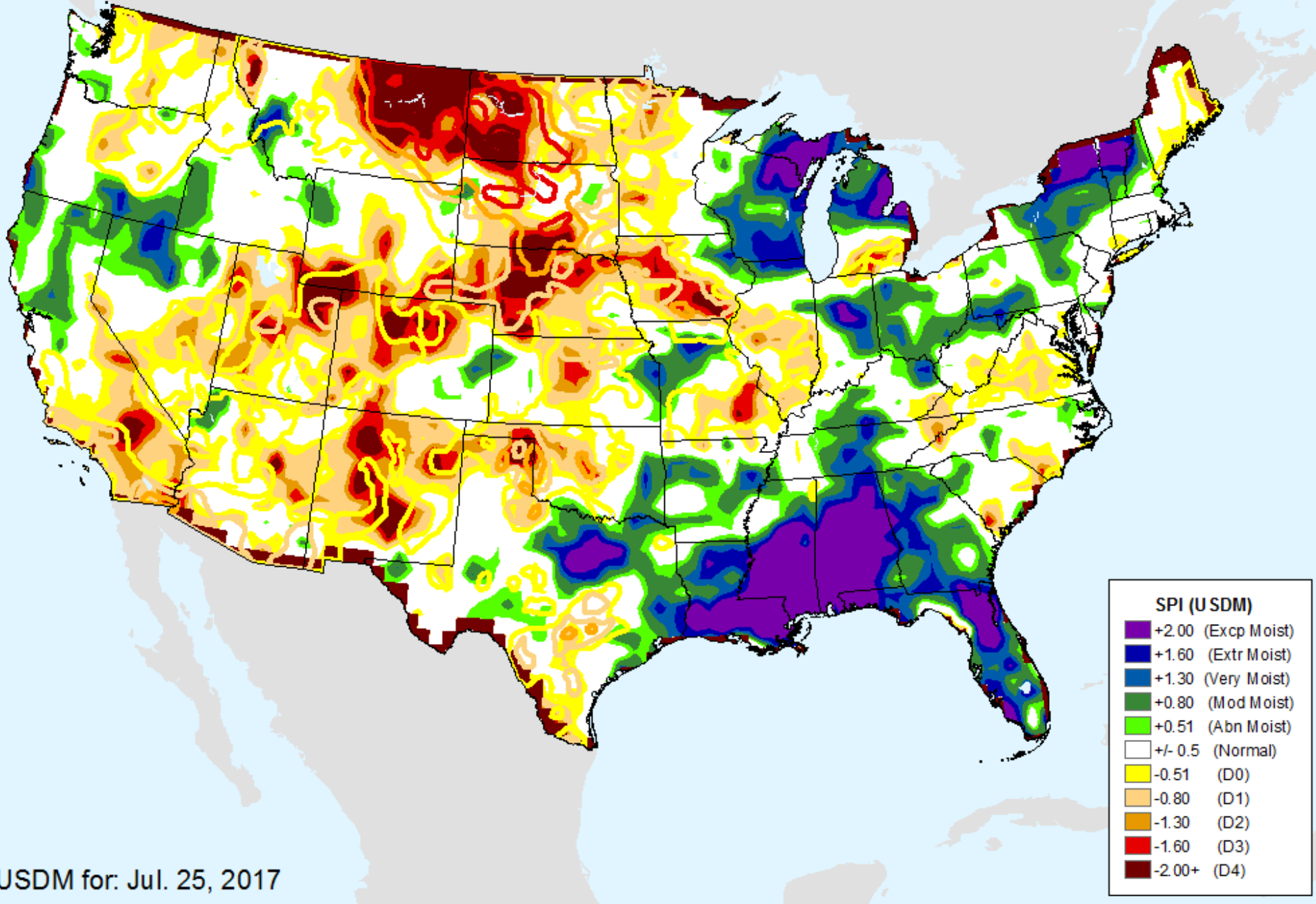
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# CPC 3-month SPI

As of: Tuesday, August 1, 2017

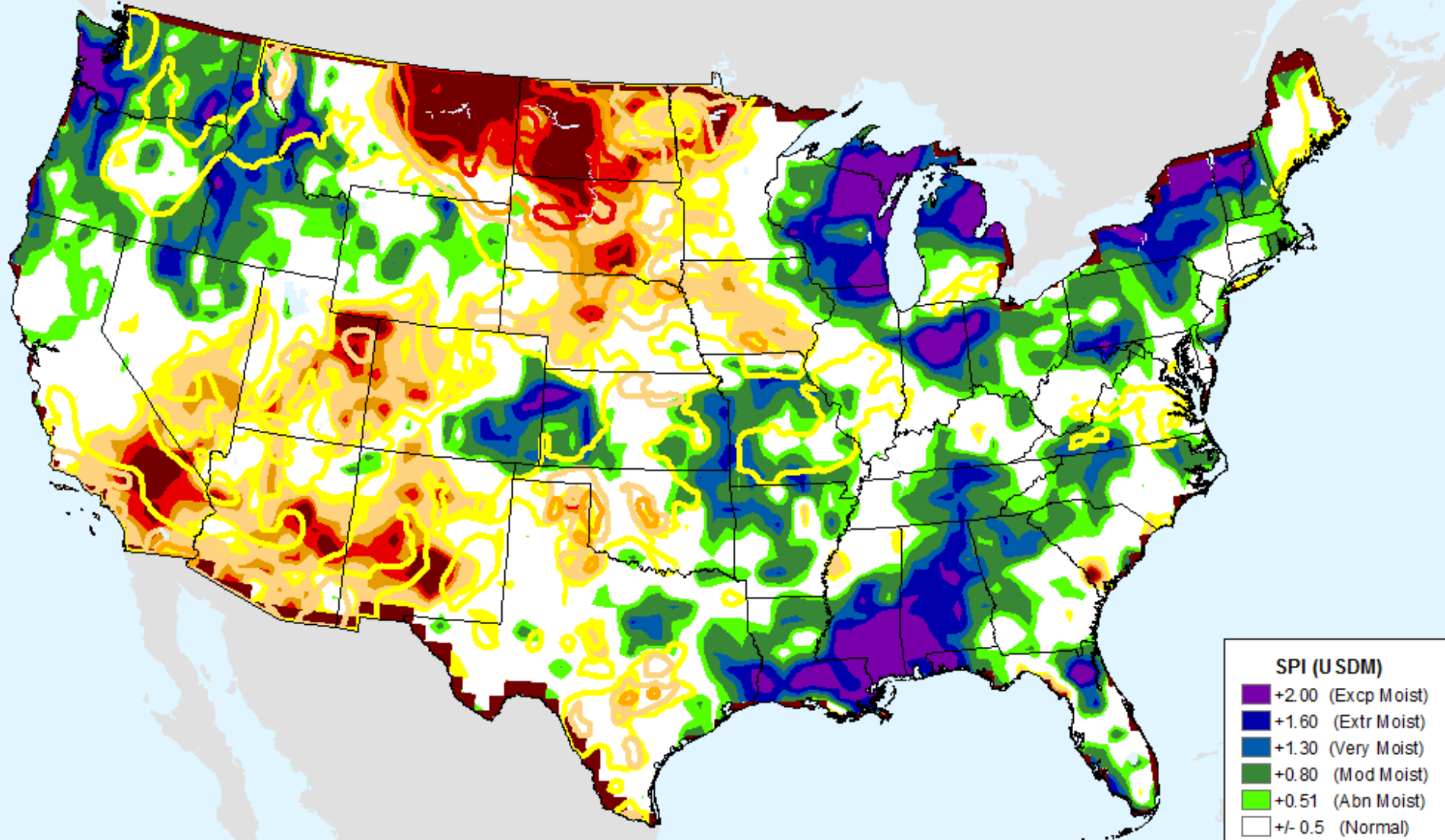


USDM for: Jul. 25, 2017



# CPC 6-month SPI

As of: Tuesday, August 1, 2017

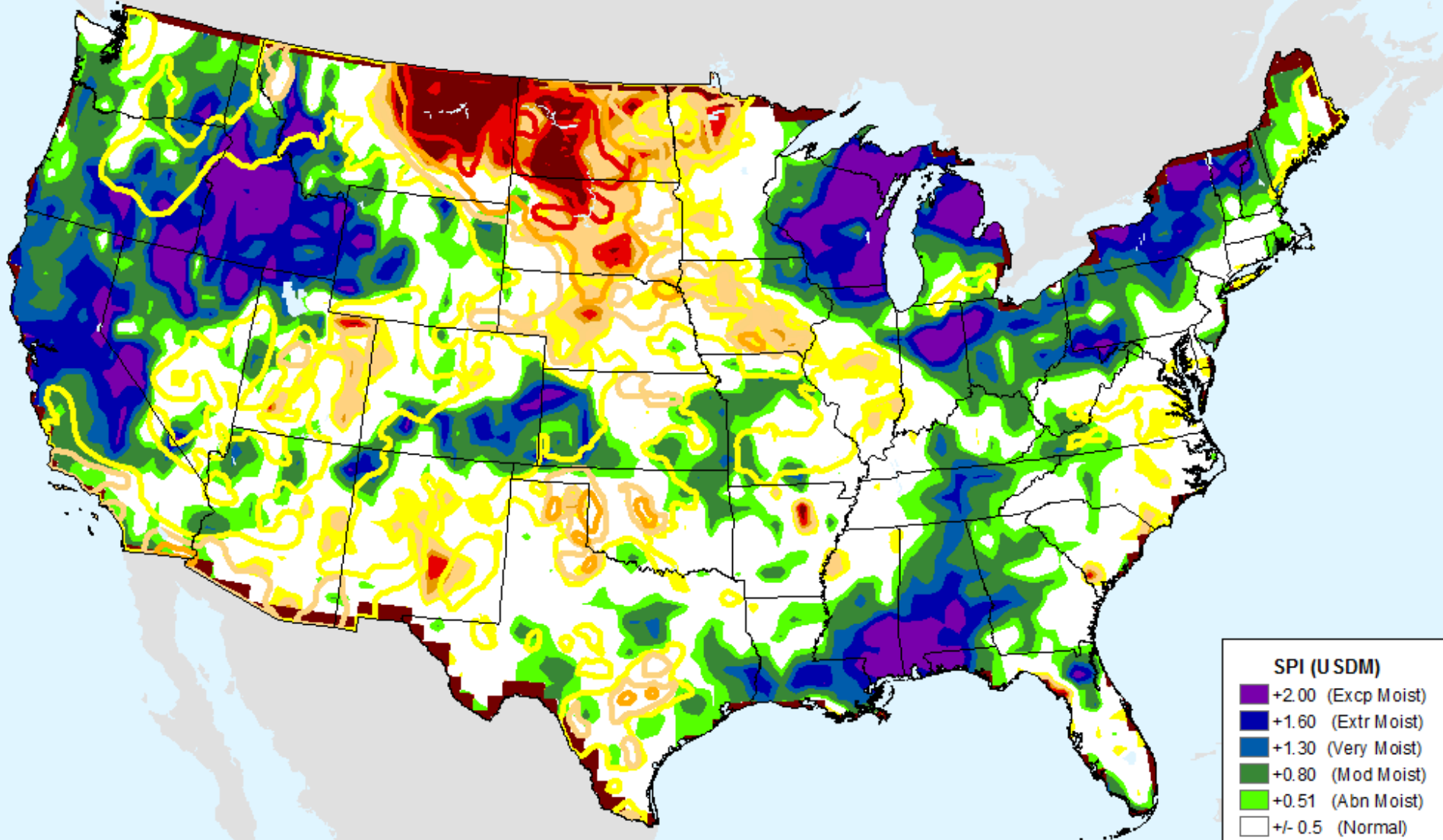


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Jul. 25, 2017

# CPC 9-month SPI

As of: Tuesday, August 1, 2017



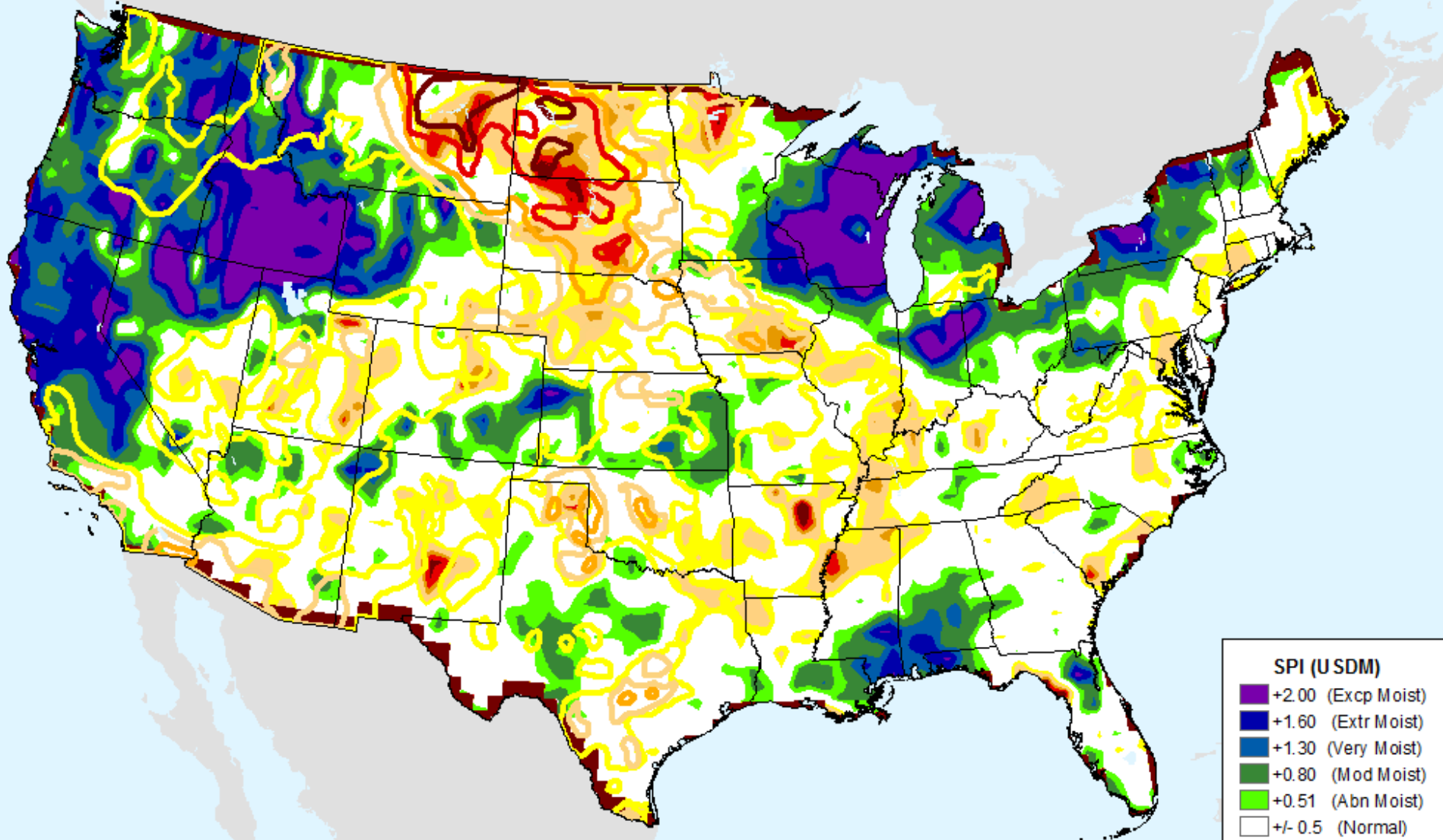
SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Blue	+1.60 (Extr Moist)
Dark Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Jul. 25, 2017



# CPC 12-month SPI

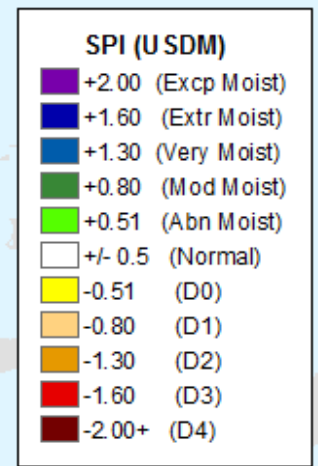
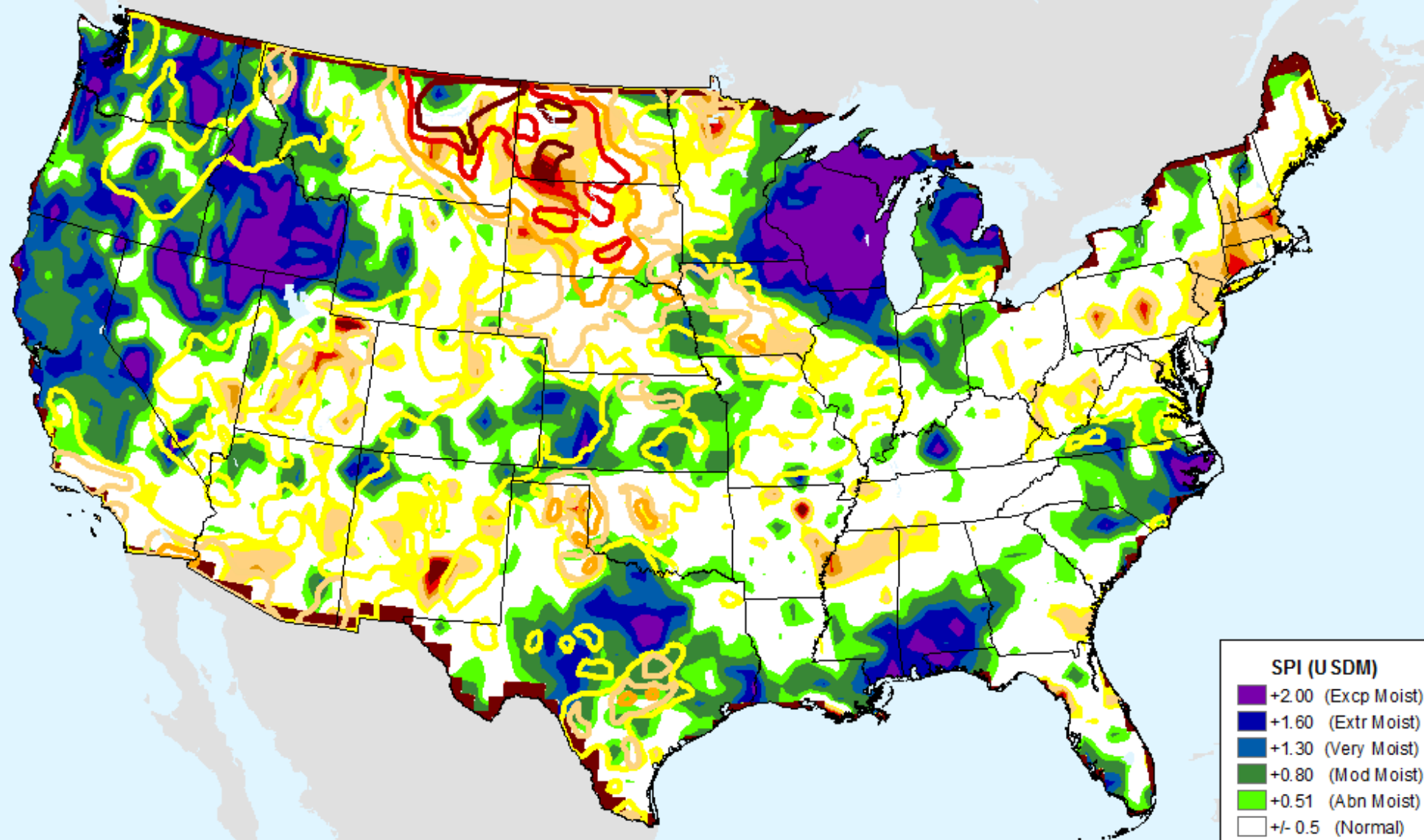
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# CPC 24-month SPI

As of: Tuesday, August 1, 2017

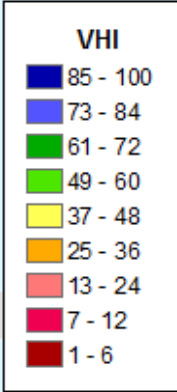
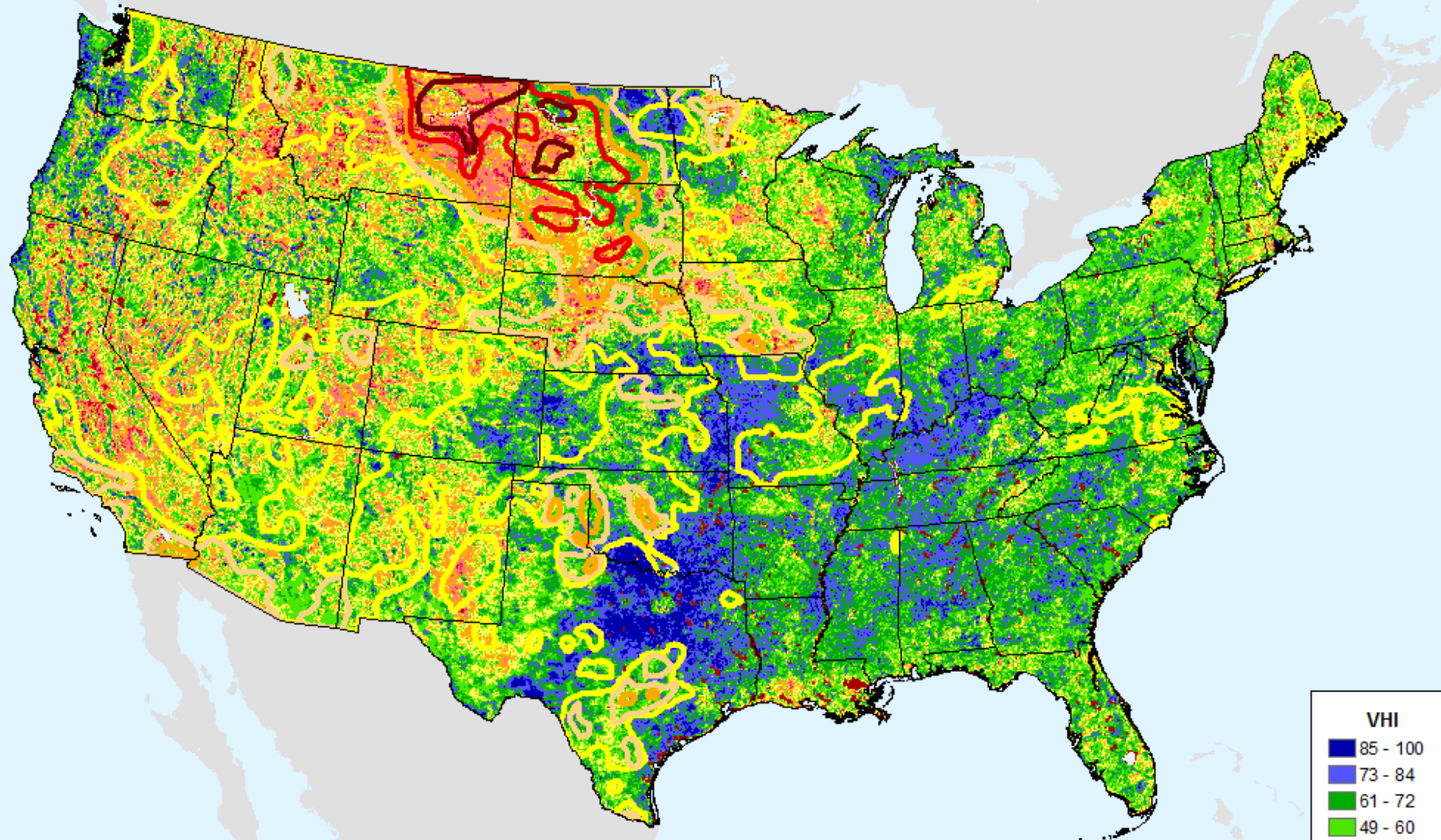


USDM for: Jul. 25, 2017



# Vegetation Health Index

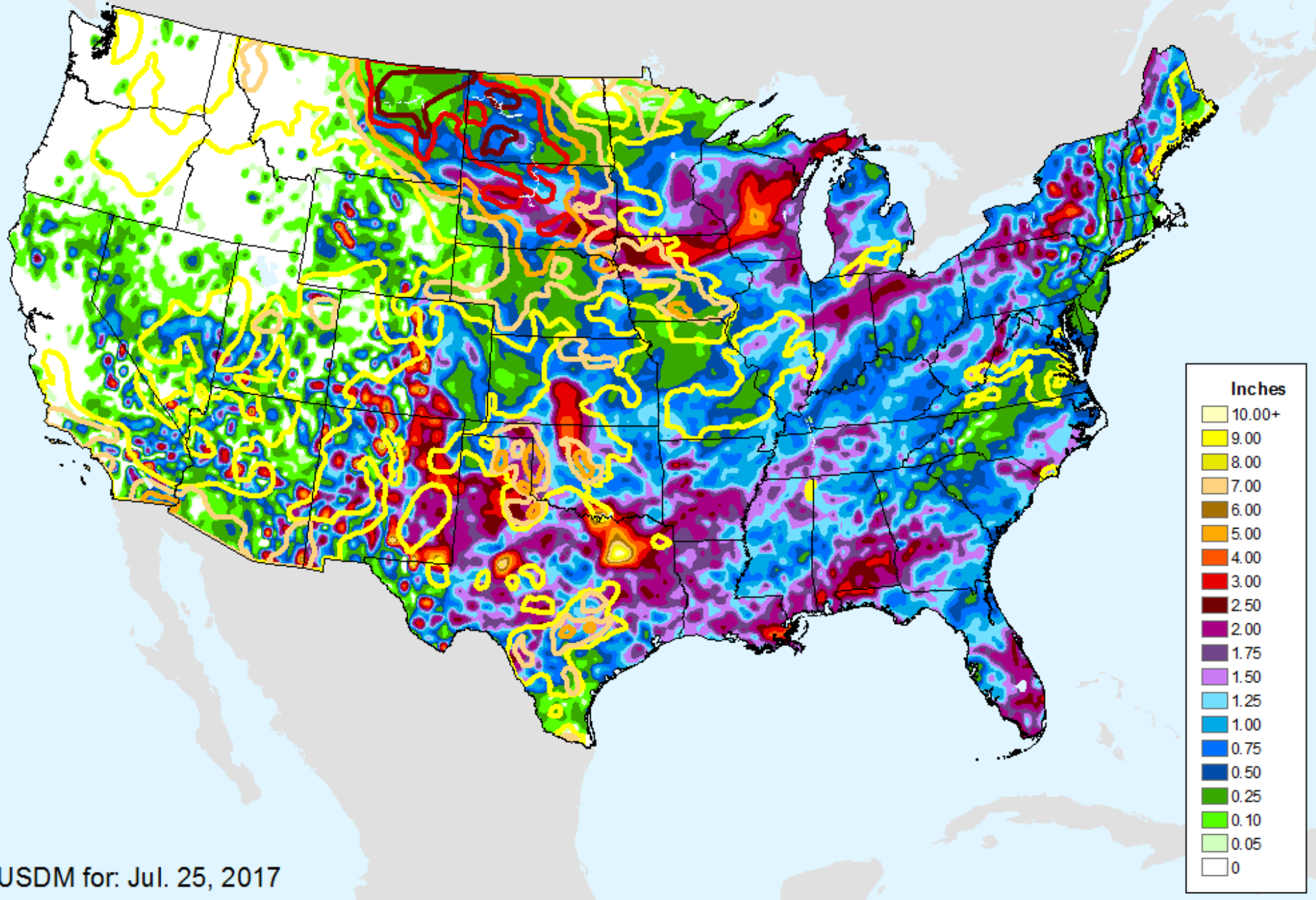
As of: Tuesday, August 1, 2017



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# GFS (00z) 7-Day Precip Forecast

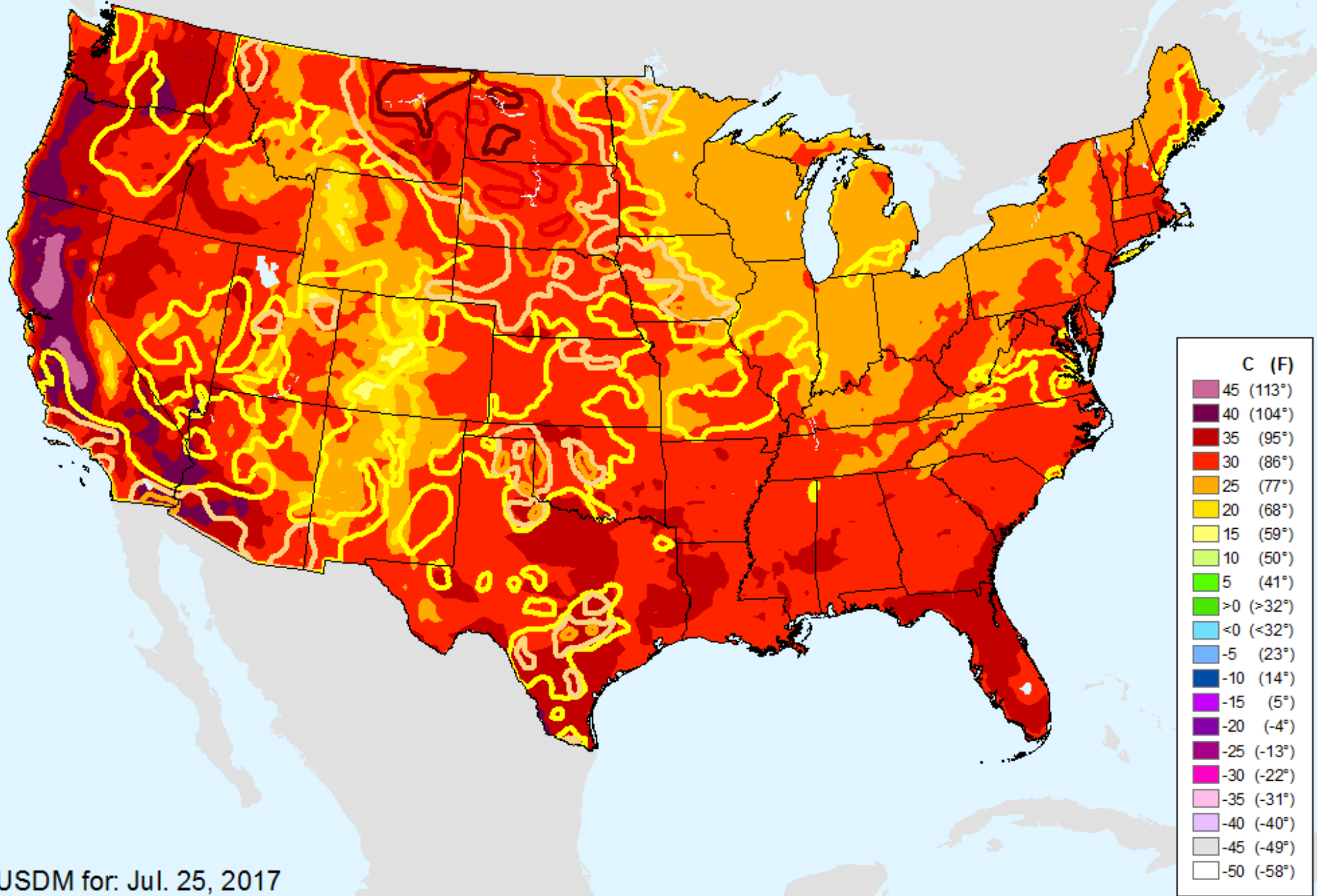
As of: Tuesday, August 1, 2017





# GFS (00z) 7-Day Max Temp Forecast

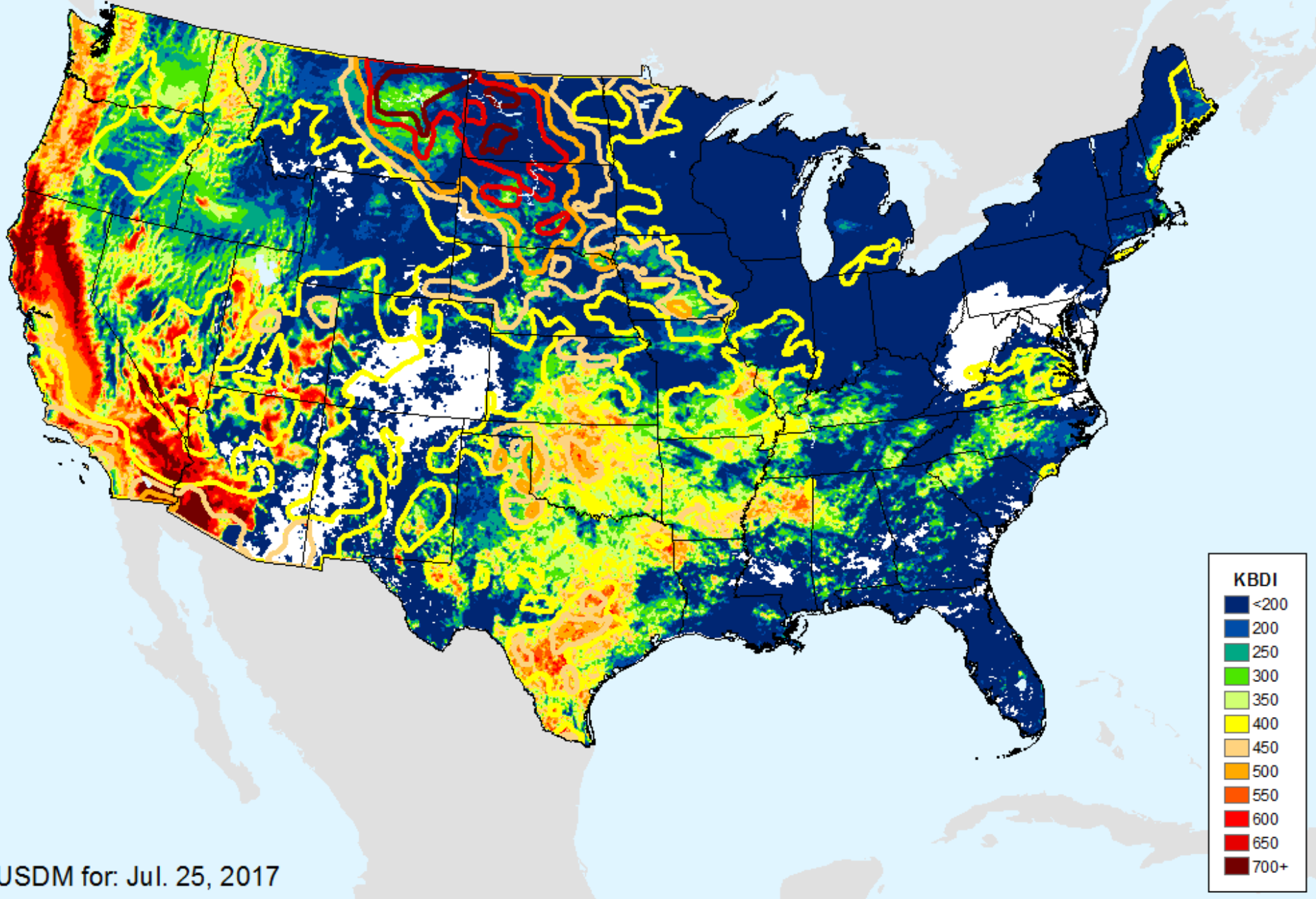
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# Keetch-Byram Drought Index (KBDI)

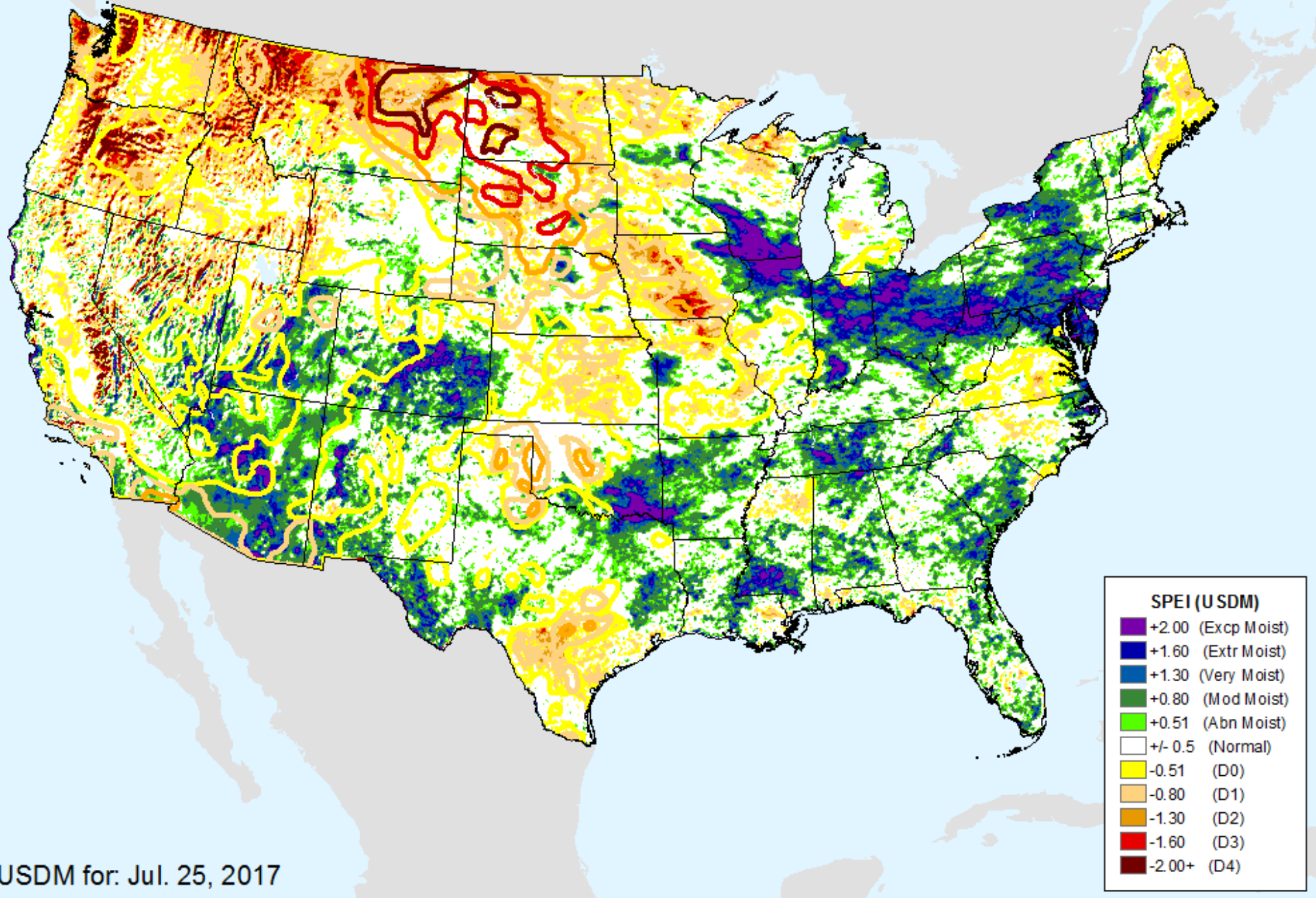
As of: Tuesday, August 1, 2017





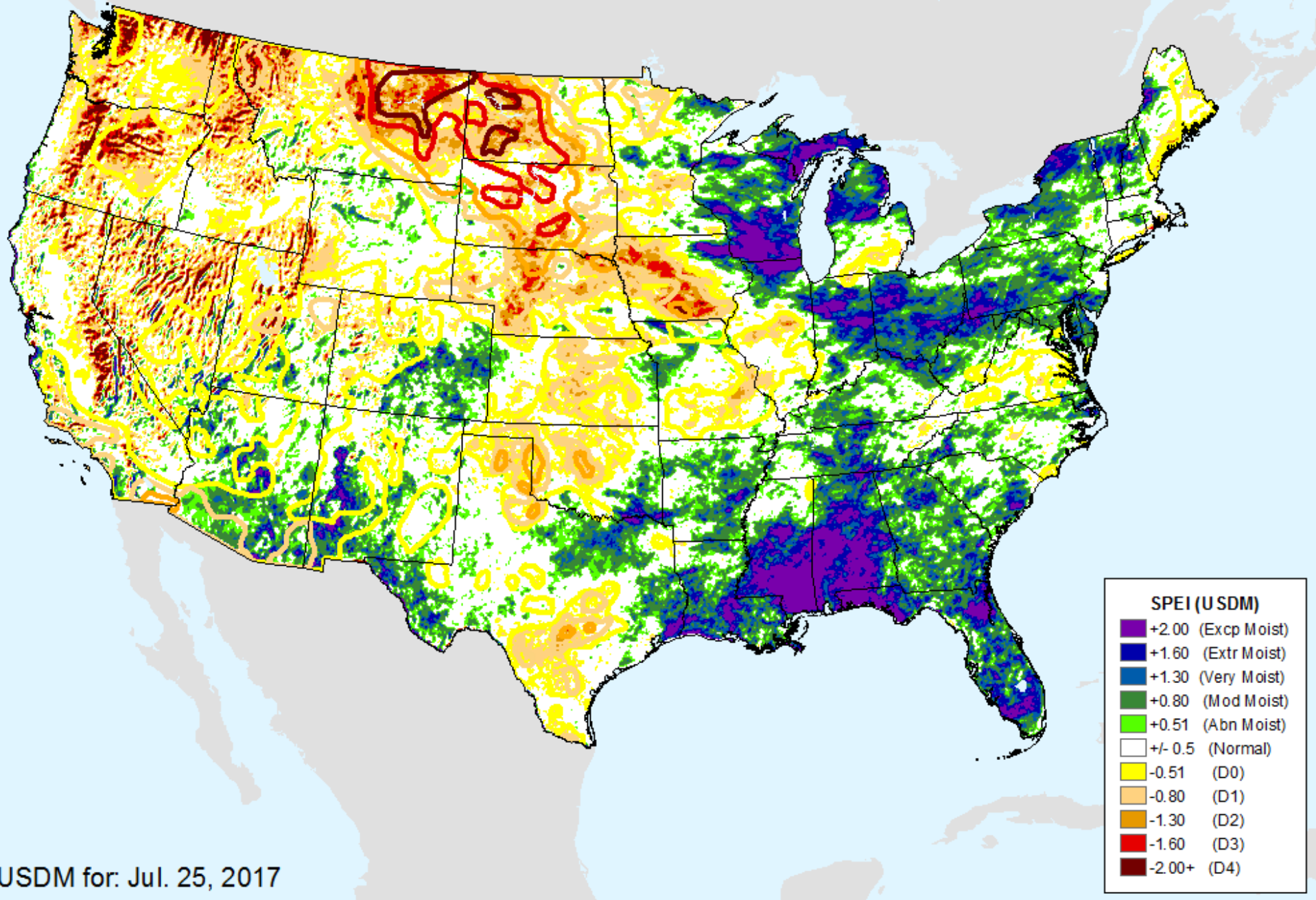
# AHPS 1-month SPEI

As of: Tuesday, August 1, 2017



# AHPS 2-month SPEI

As of: Tuesday, August 1, 2017

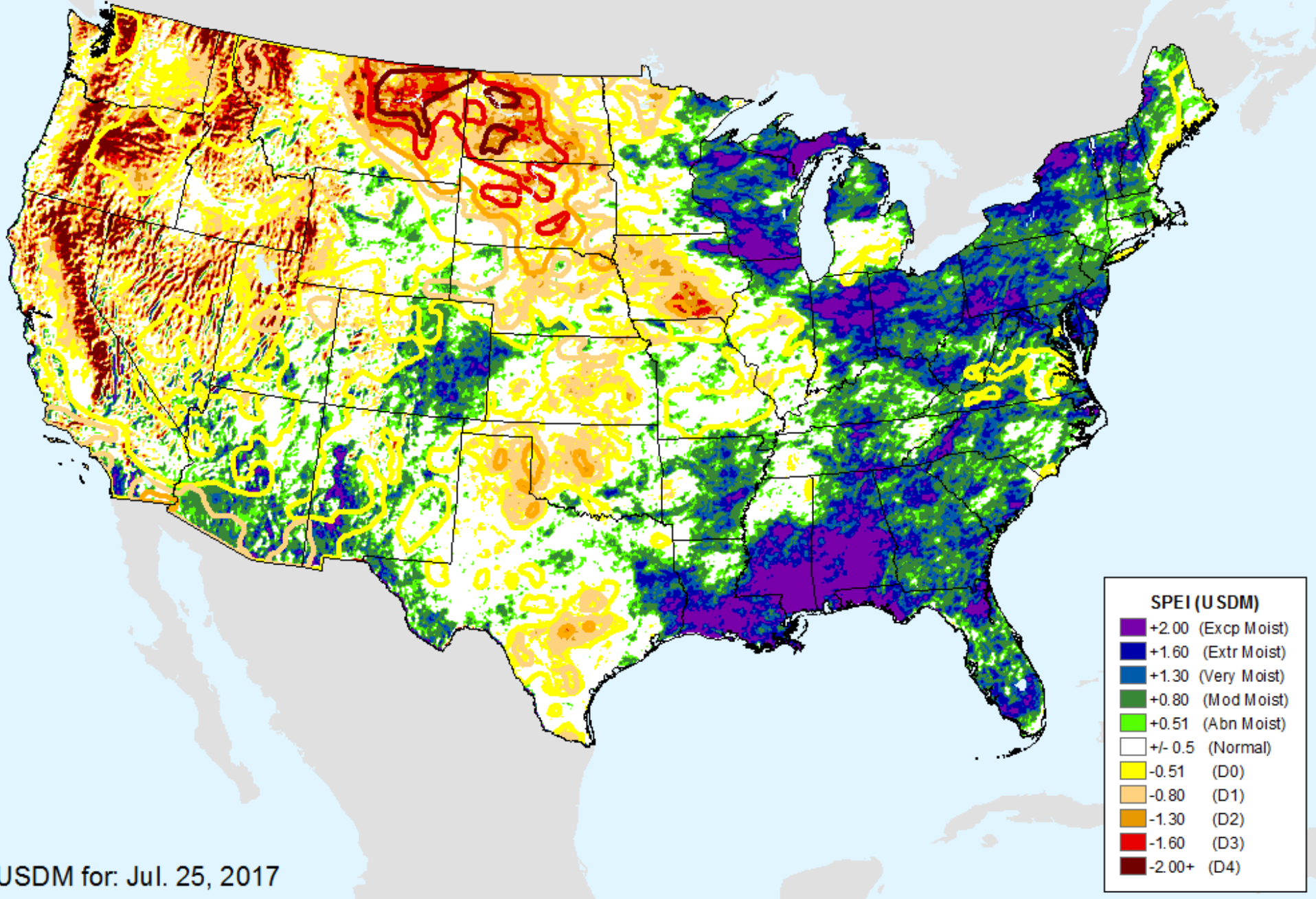


USDM for: Jul. 25, 2017



# AHPS 3-month SPEI

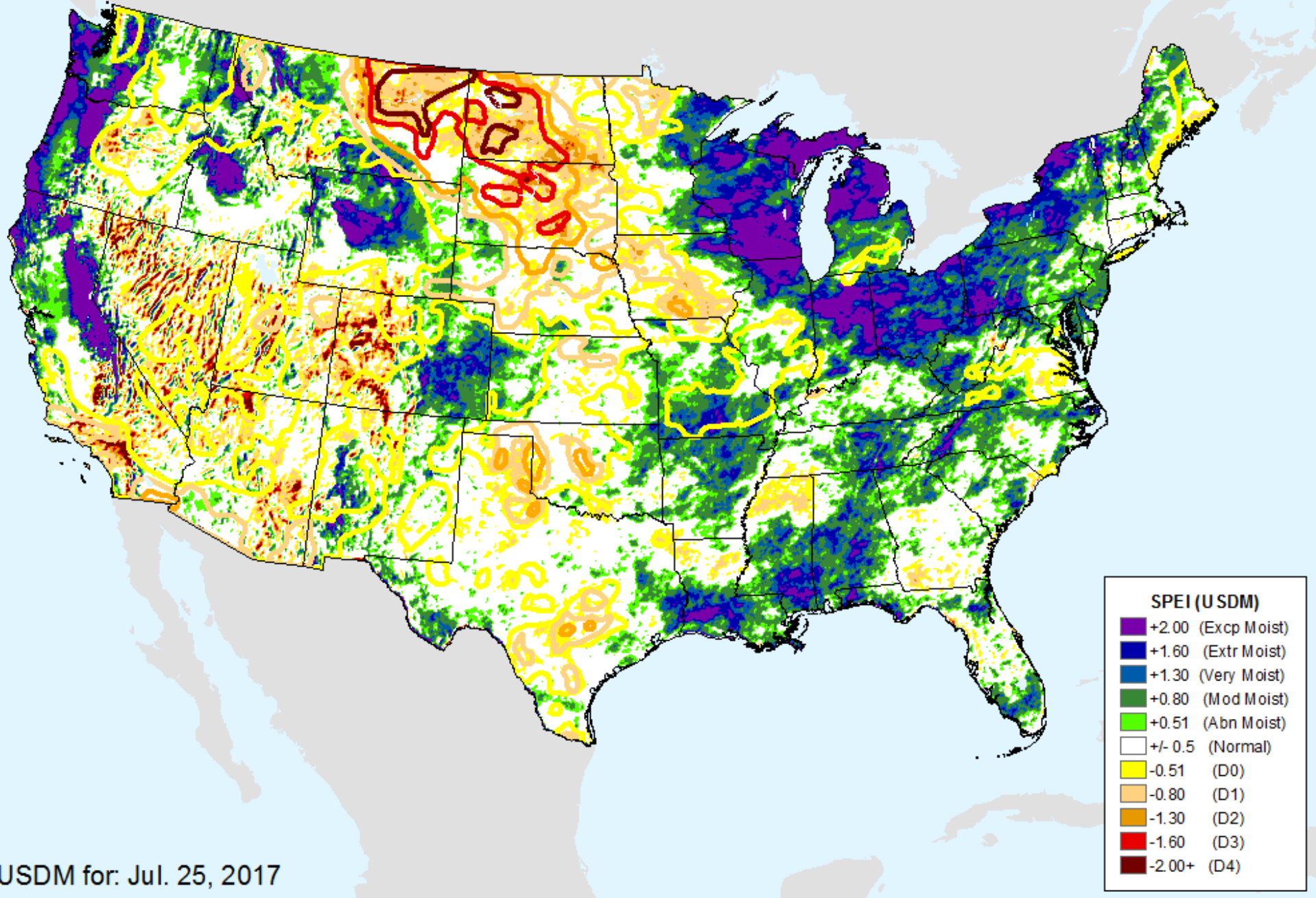
As of: Tuesday, August 1, 2017



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# AHPS 6-month SPEI

As of: Tuesday, August 1, 2017

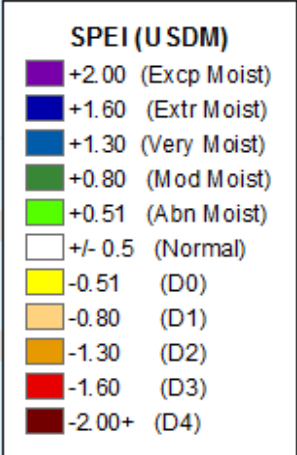
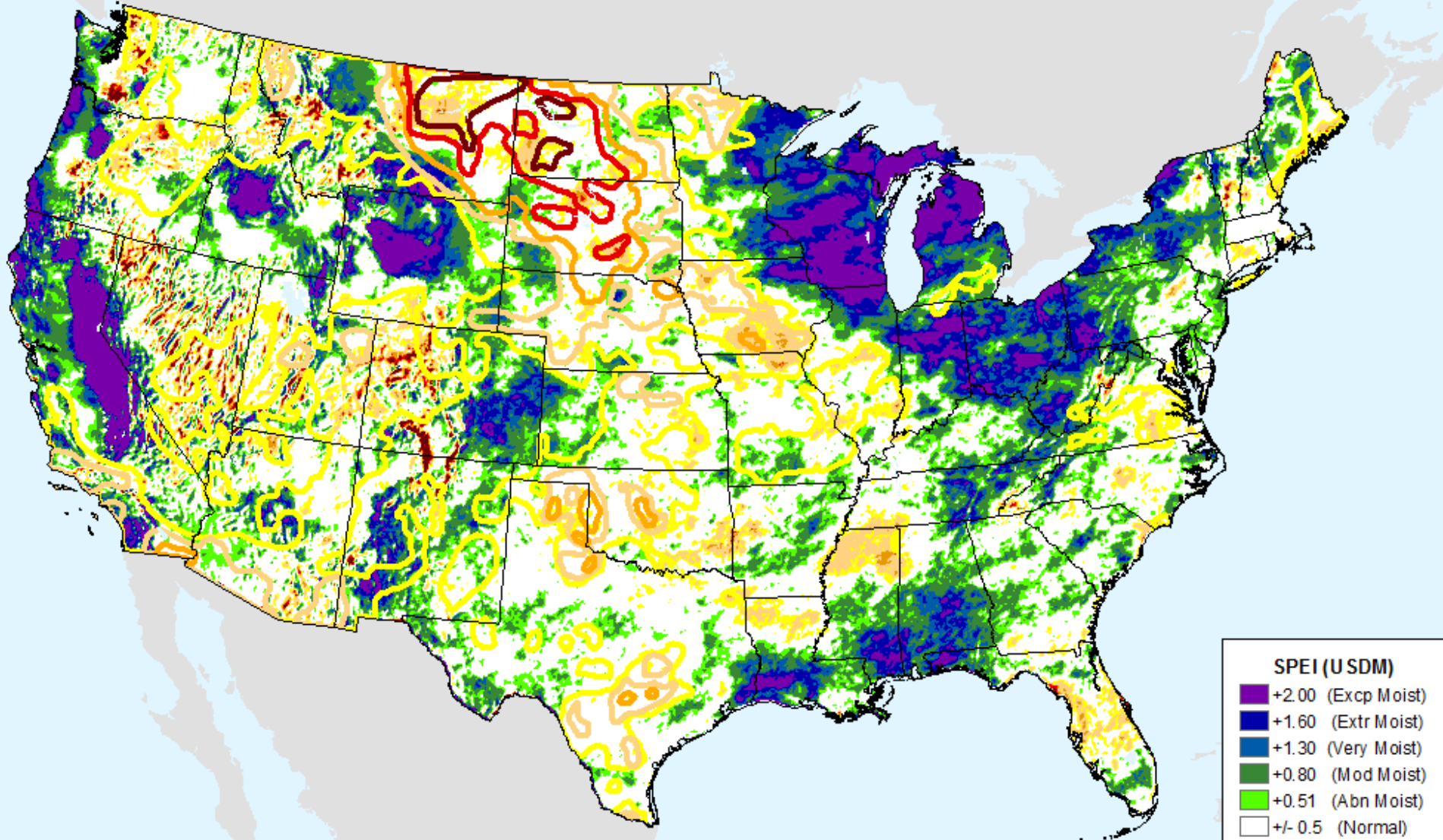


USDM for: Jul. 25, 2017



# AHPS 9-month SPEI

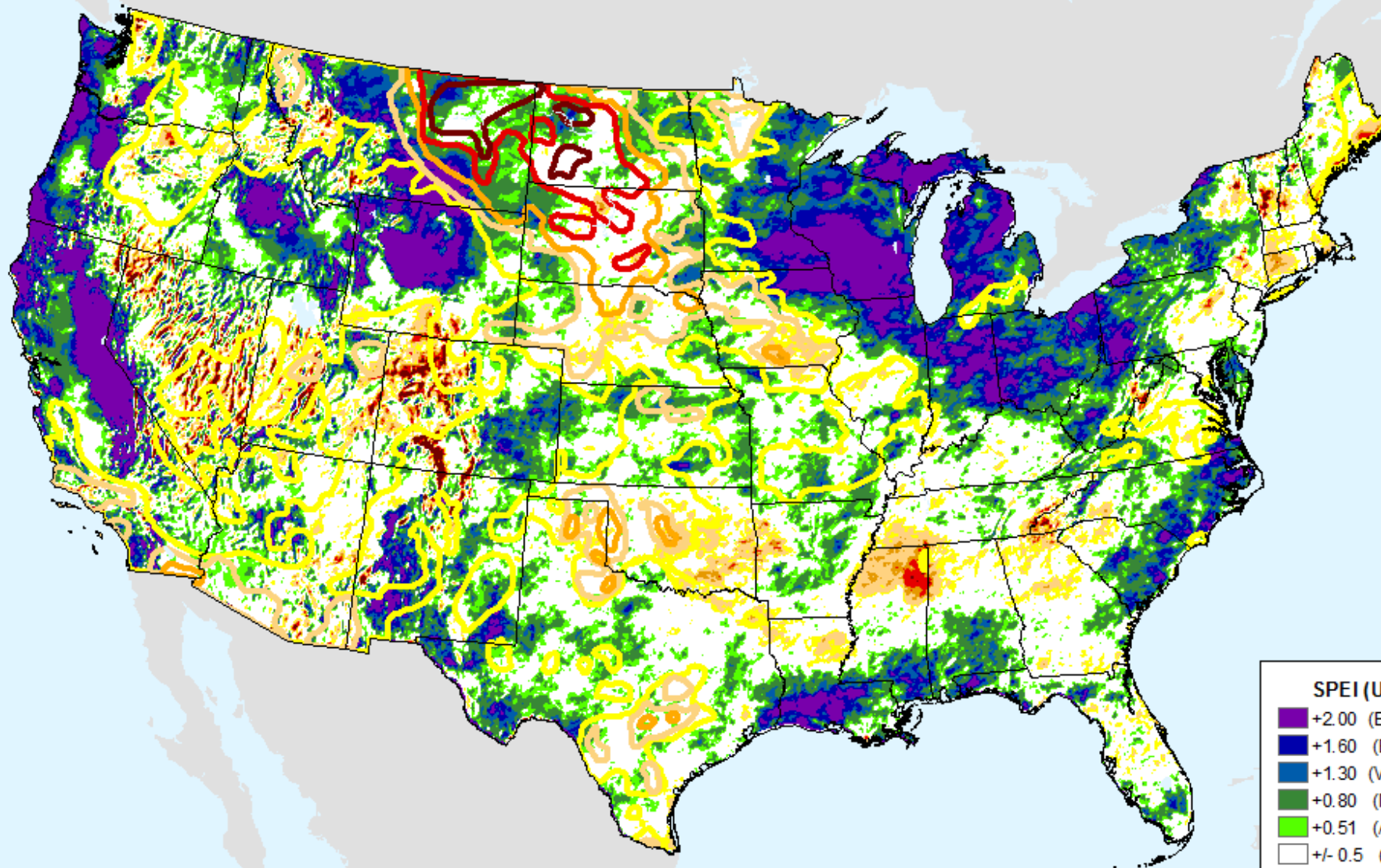
As of: Tuesday, August 1, 2017



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# AHPS 12-month SPEI

As of: Tuesday, August 1, 2017



## SPEI (USDM)

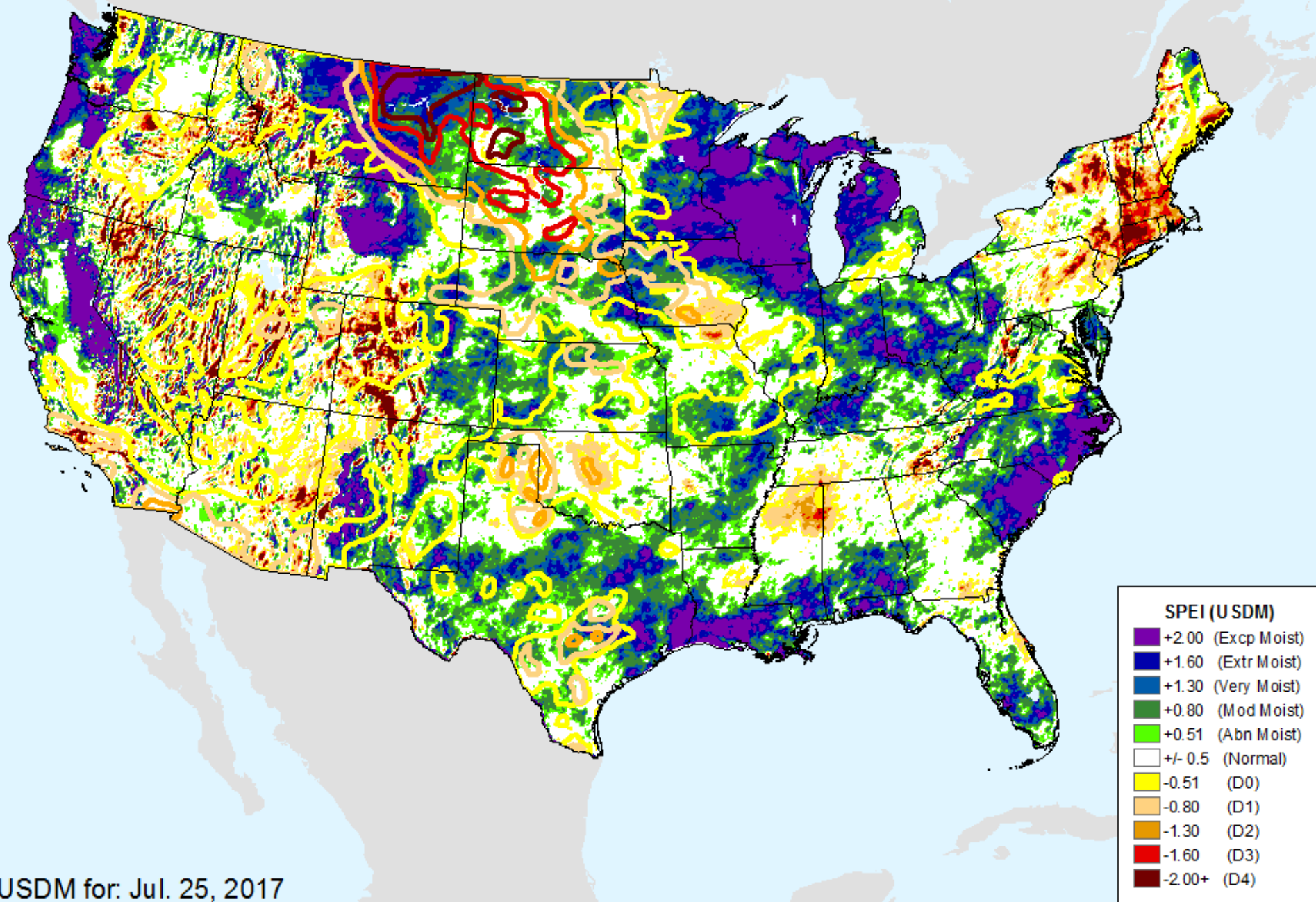
- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

USDM for: Jul. 25, 2017



# AHPS 24-month SPEI

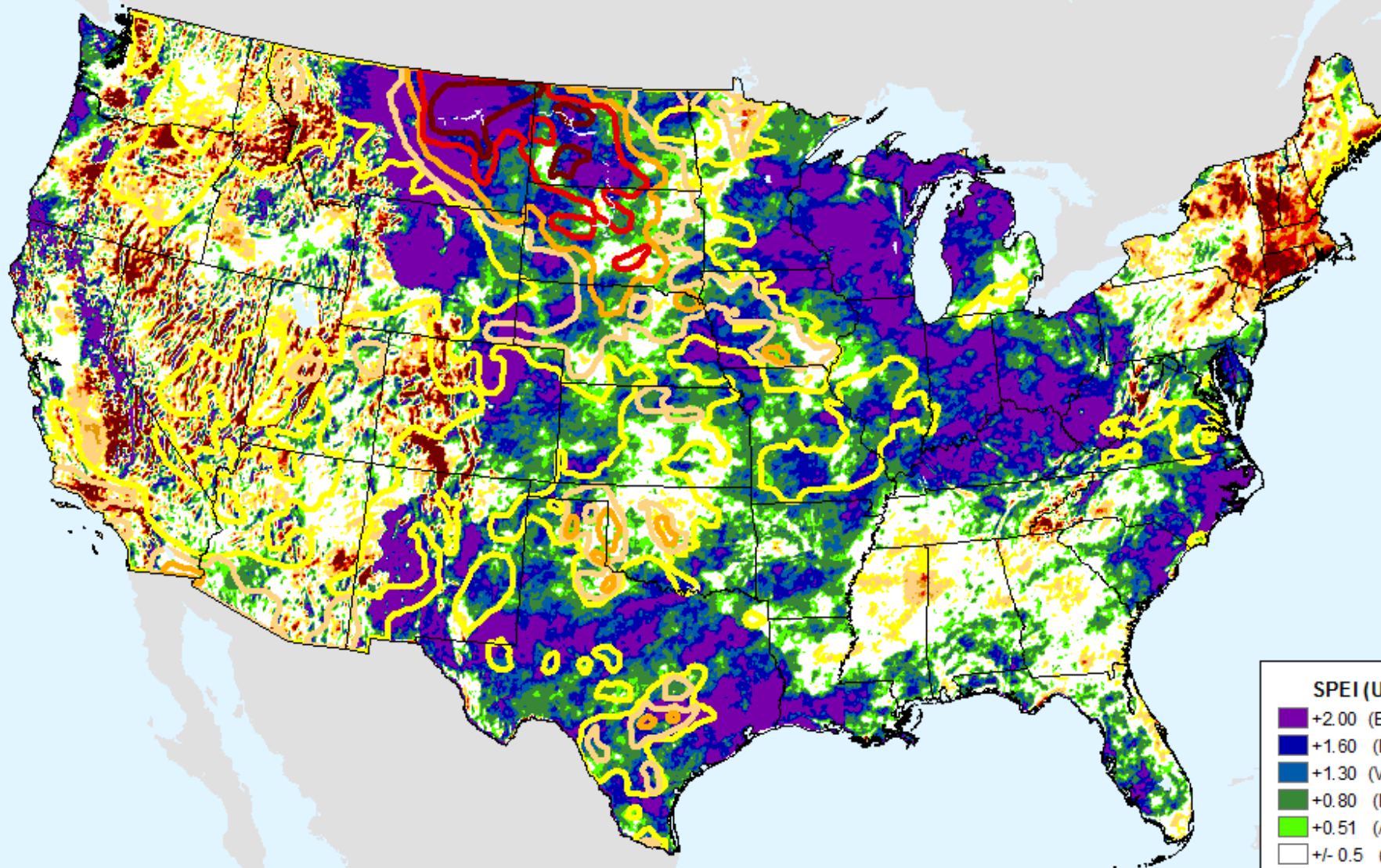
As of: Tuesday, August 1, 2017



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# AHPS 36-month SPEI

As of: Tuesday, August 1, 2017



## SPEI (USDM)

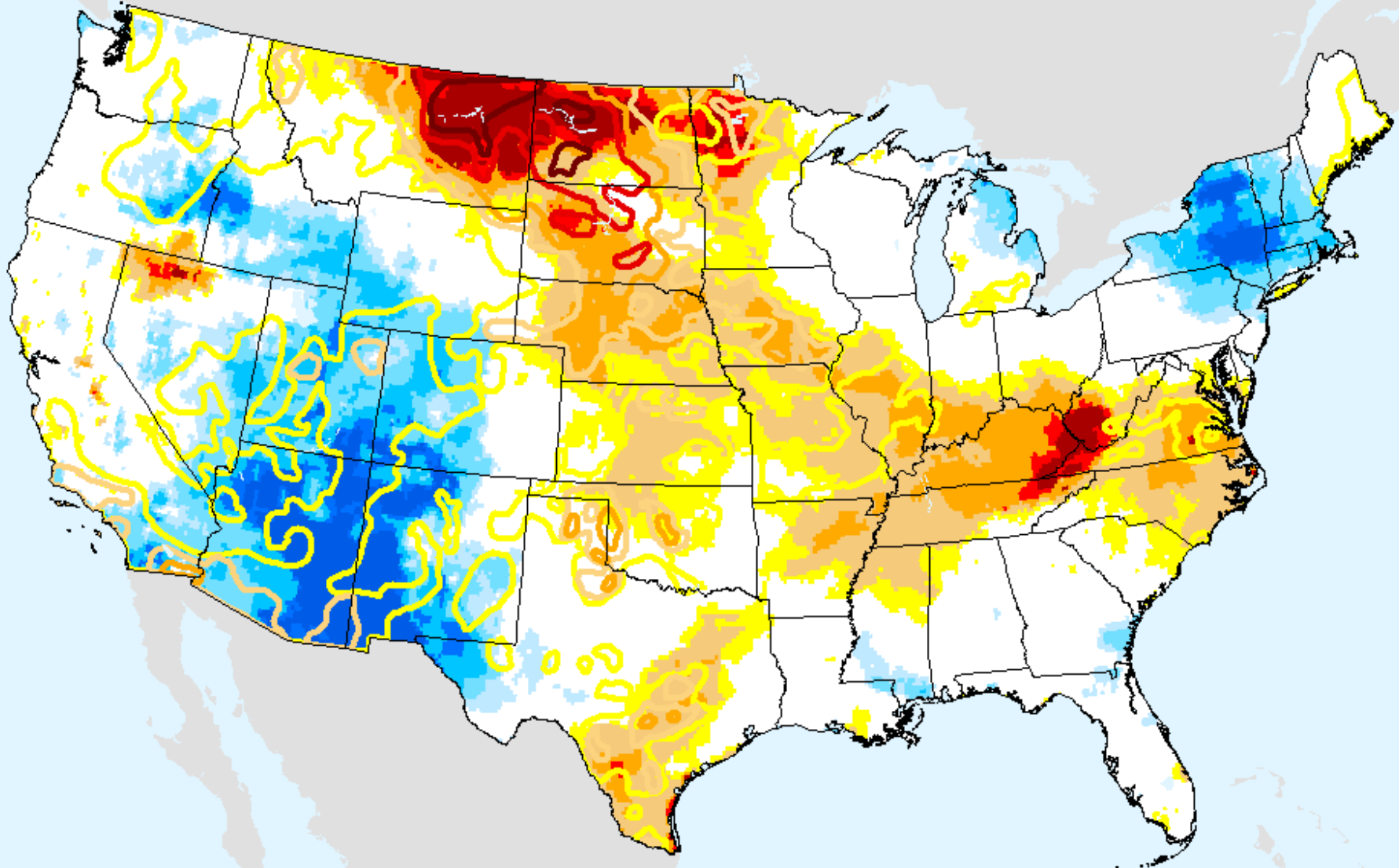
- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

USDM for: Jul. 25, 2017



# EDDI 1-week

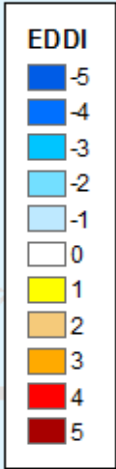
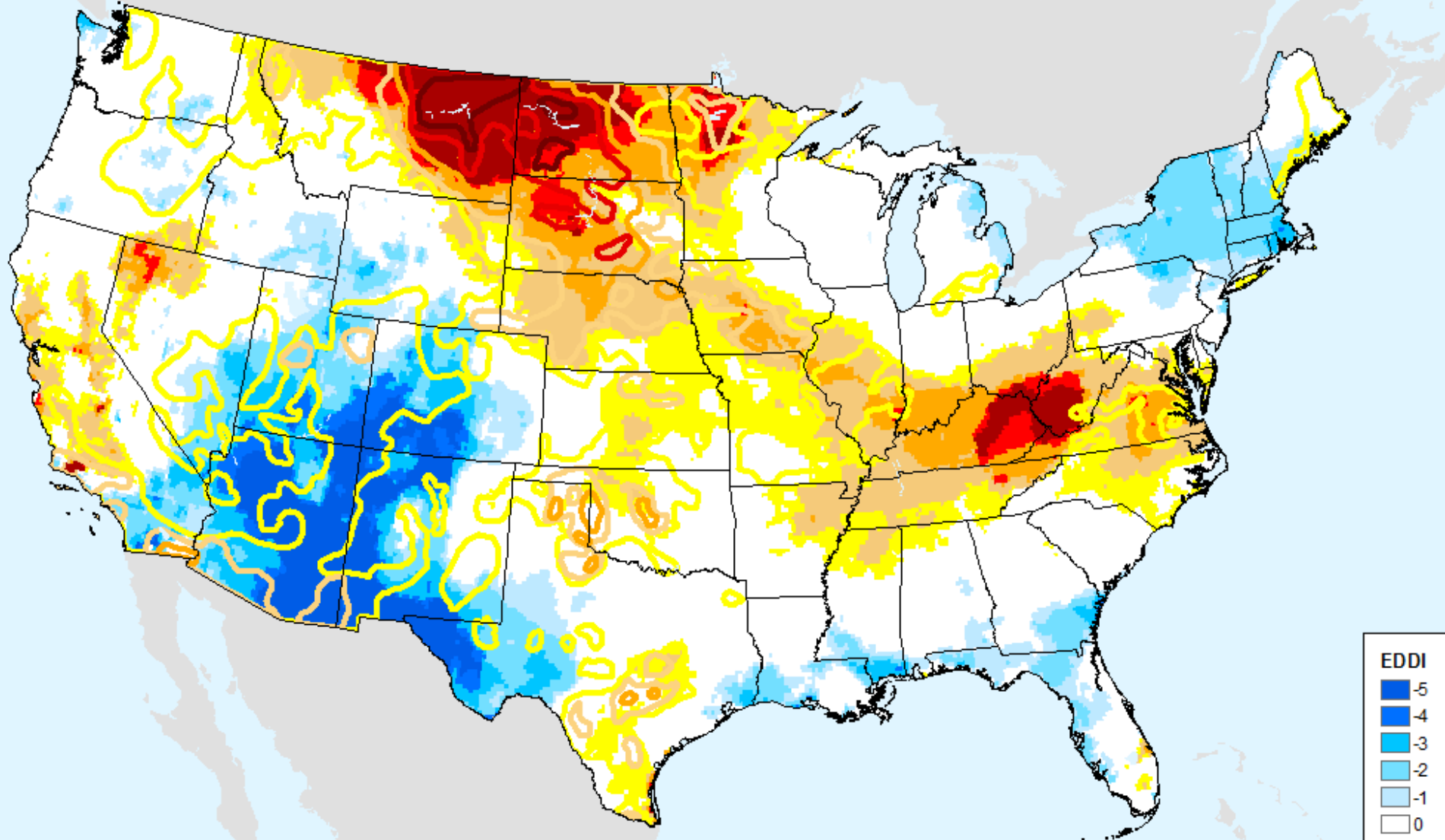
As of: Tuesday, August 1, 2017



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# EDDI 2-week

As of: Tuesday, August 1, 2017

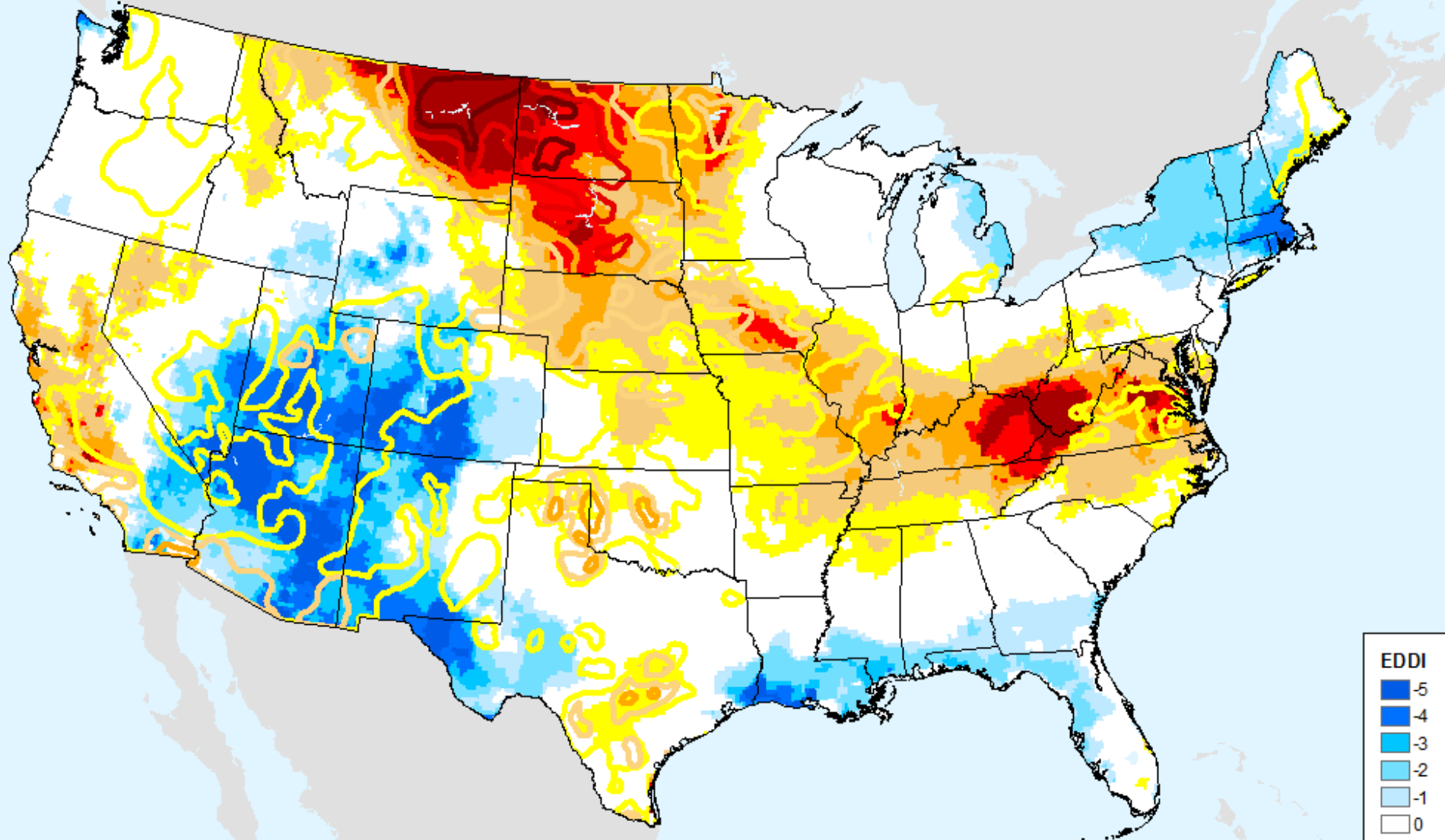


USDM for: Jul. 25, 2017



# EDDI 3-week

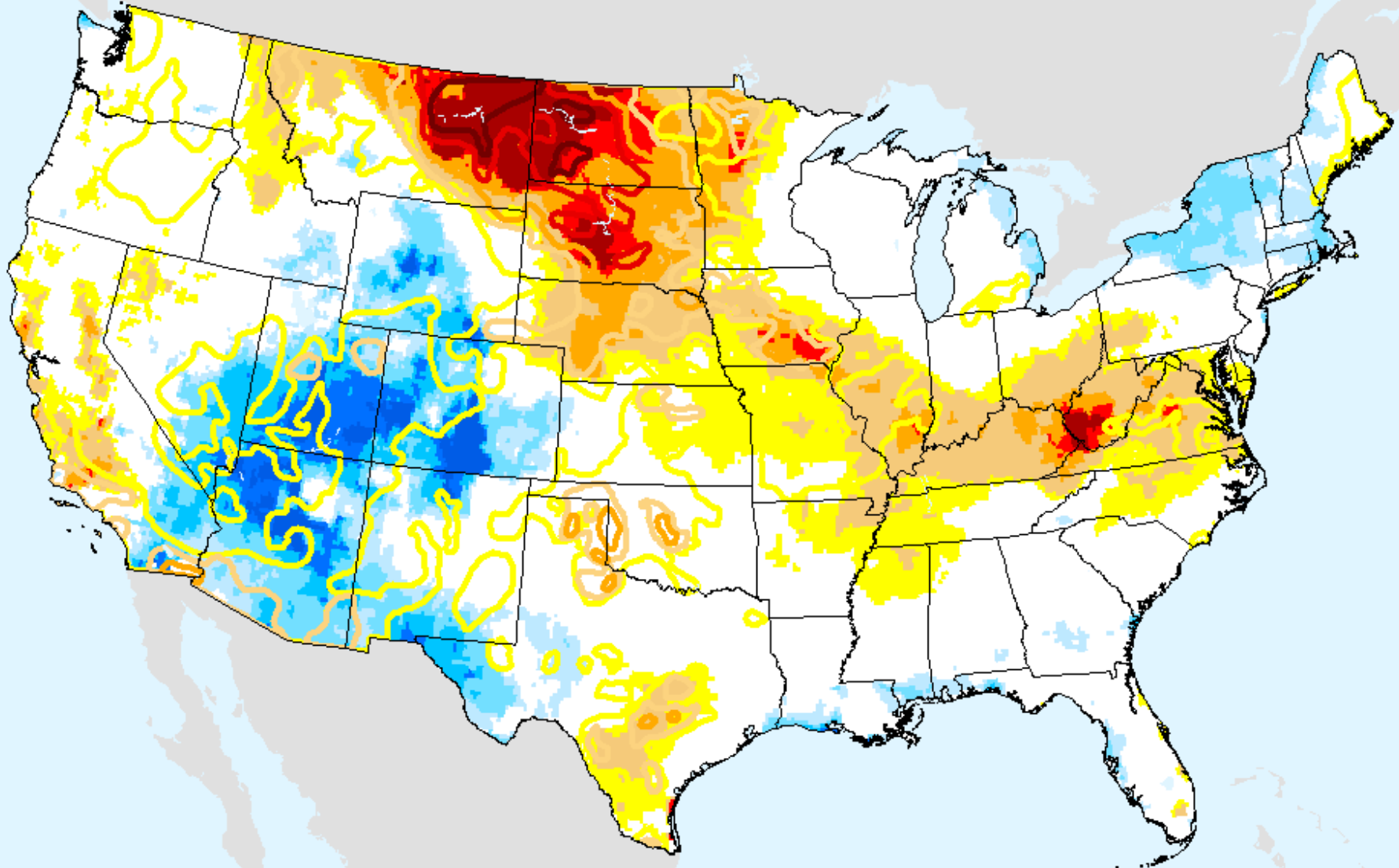
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# EDDI 4-week

As of: Tuesday, August 1, 2017

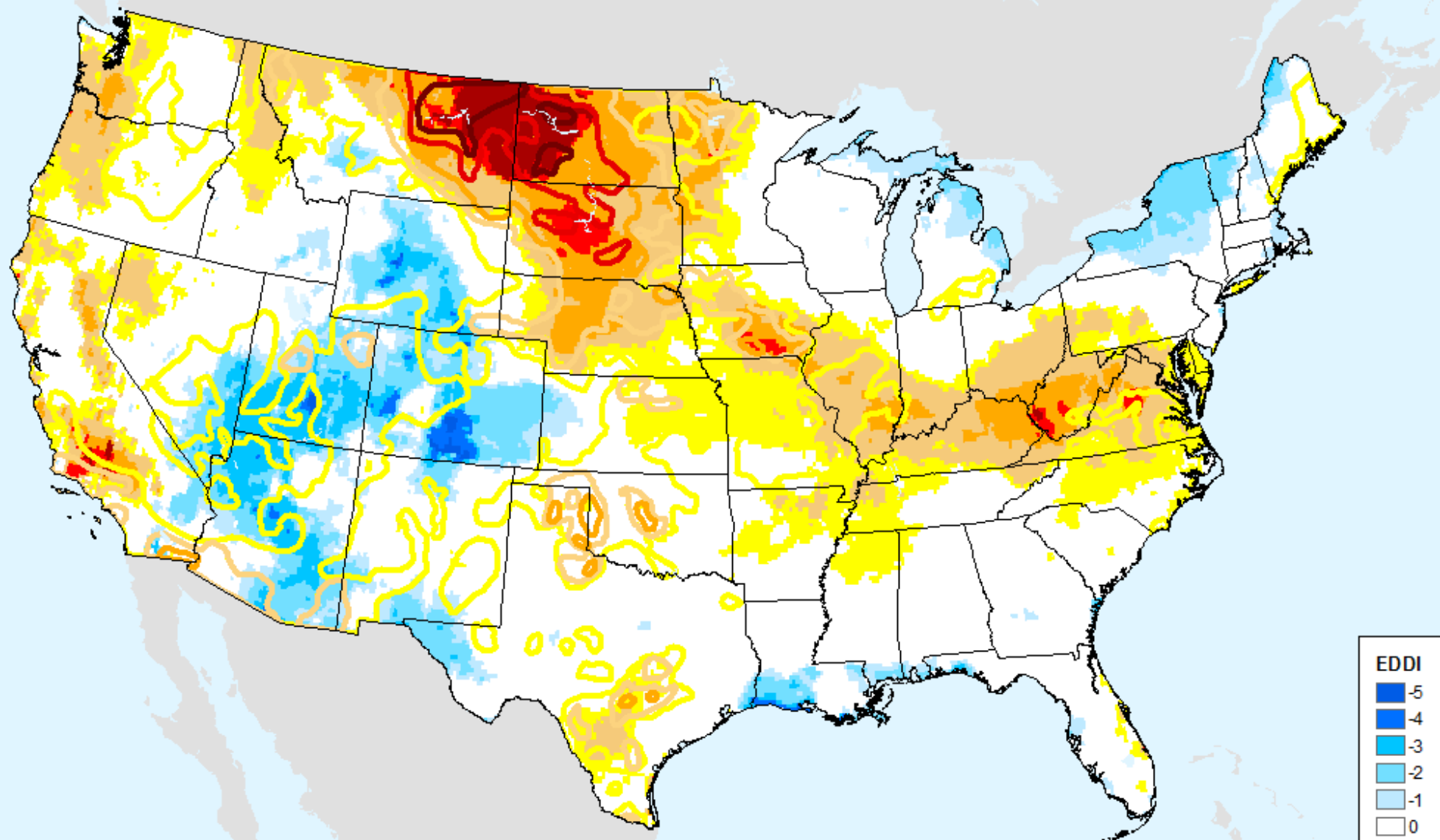


USDM for: Jul. 25, 2017



# EDDI 5-week

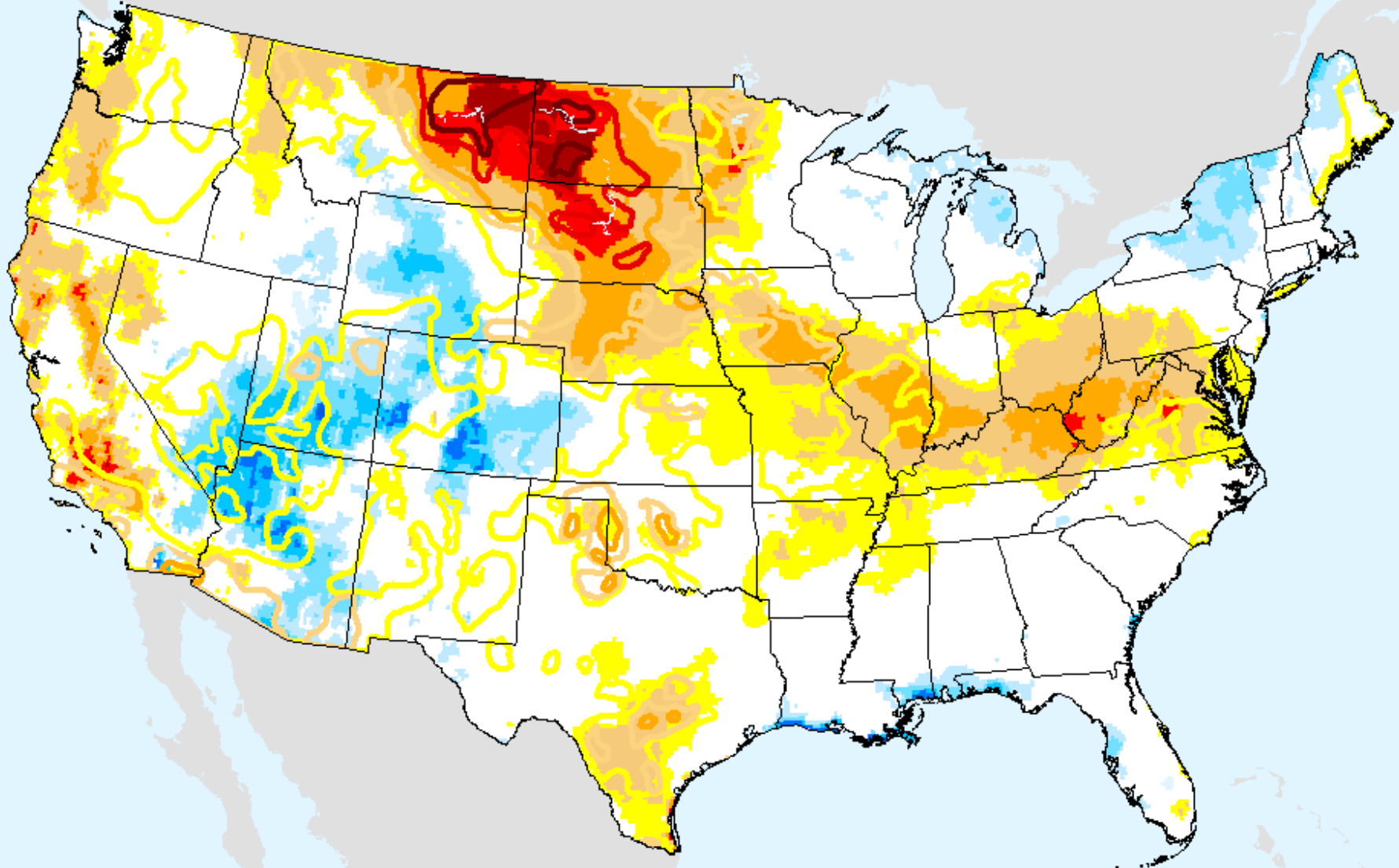
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# EDDI 6-week

As of: Tuesday, August 1, 2017

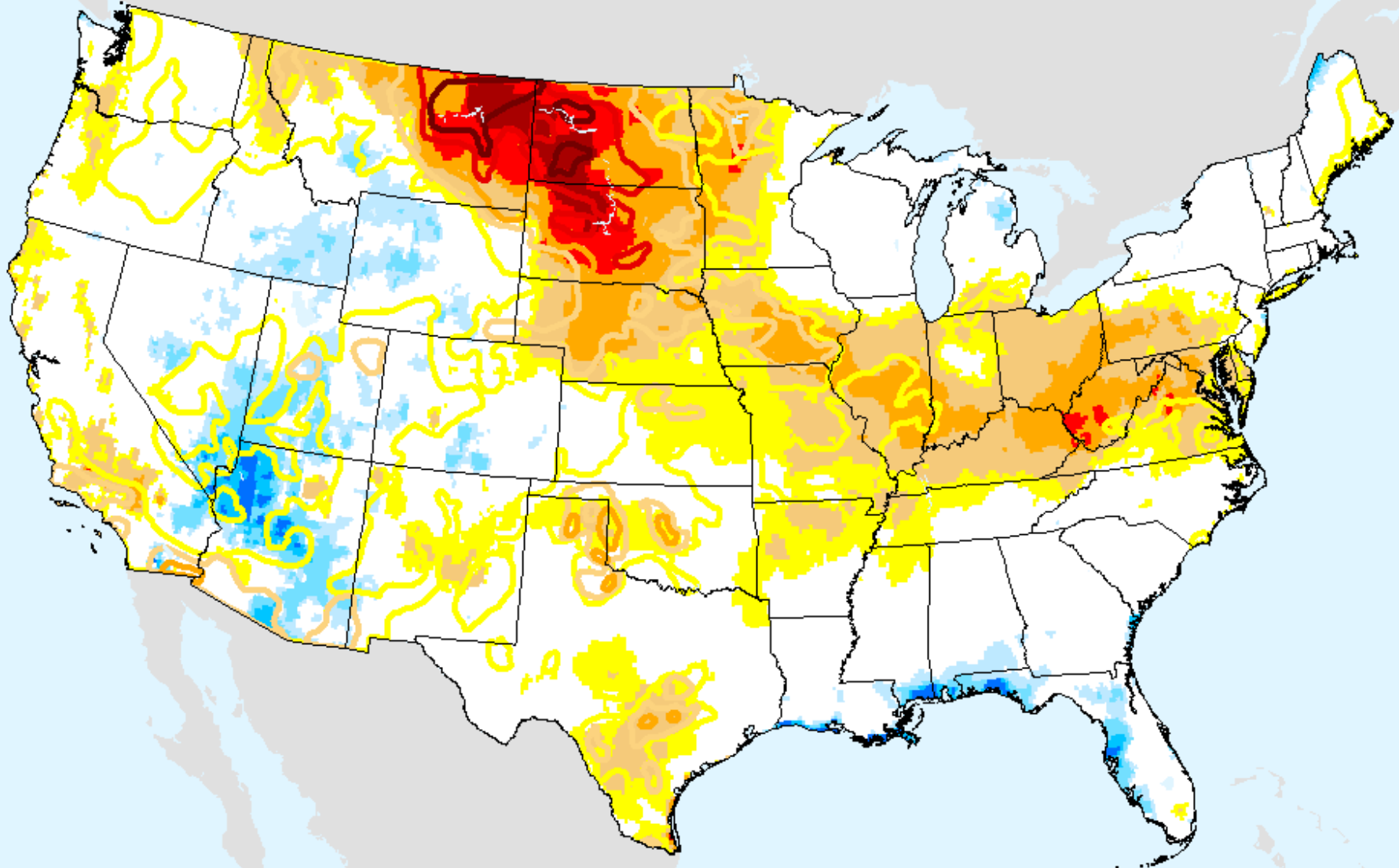


USDM for: Jul. 25, 2017



# EDDI 7-week

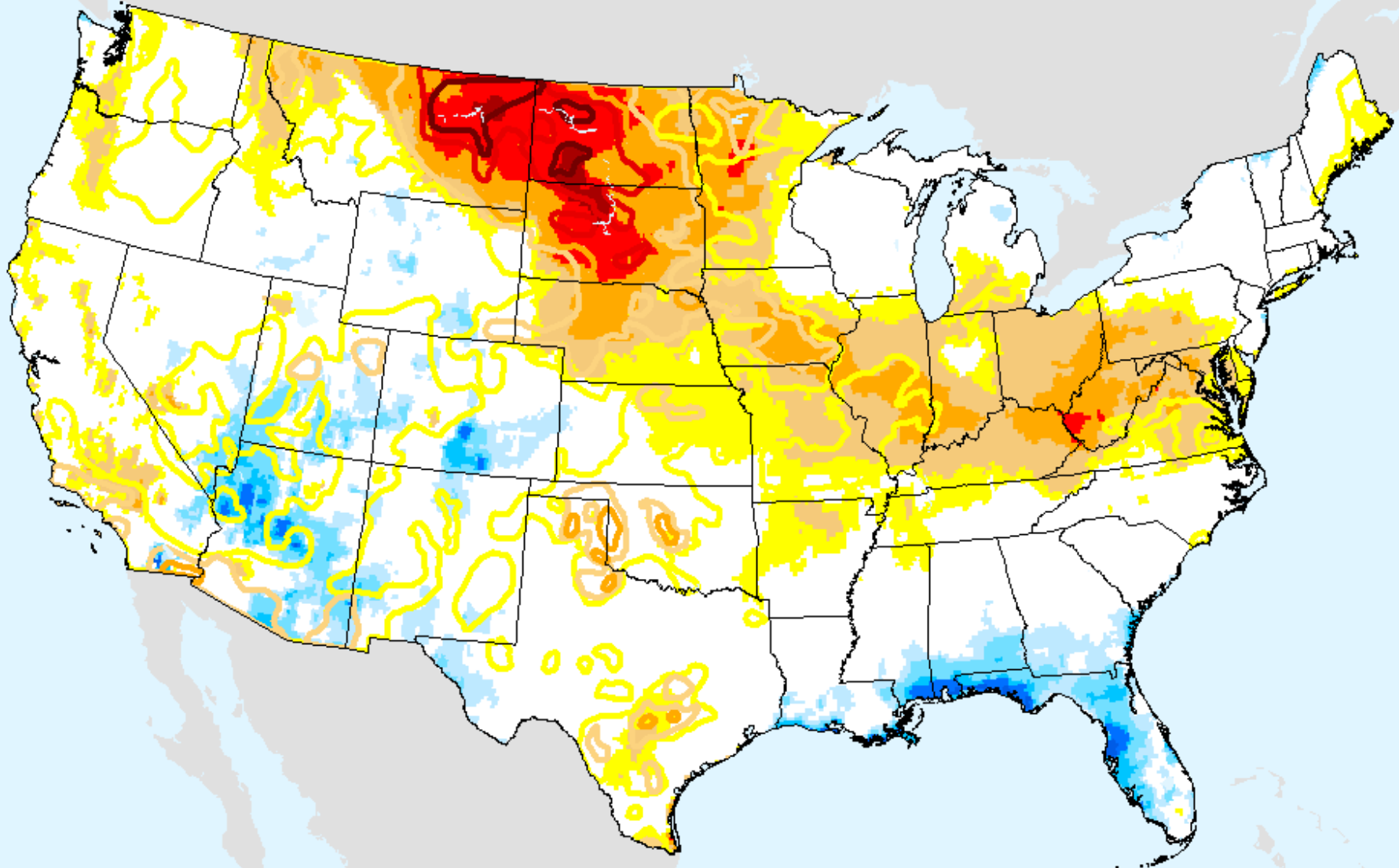
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# EDDI 8-week

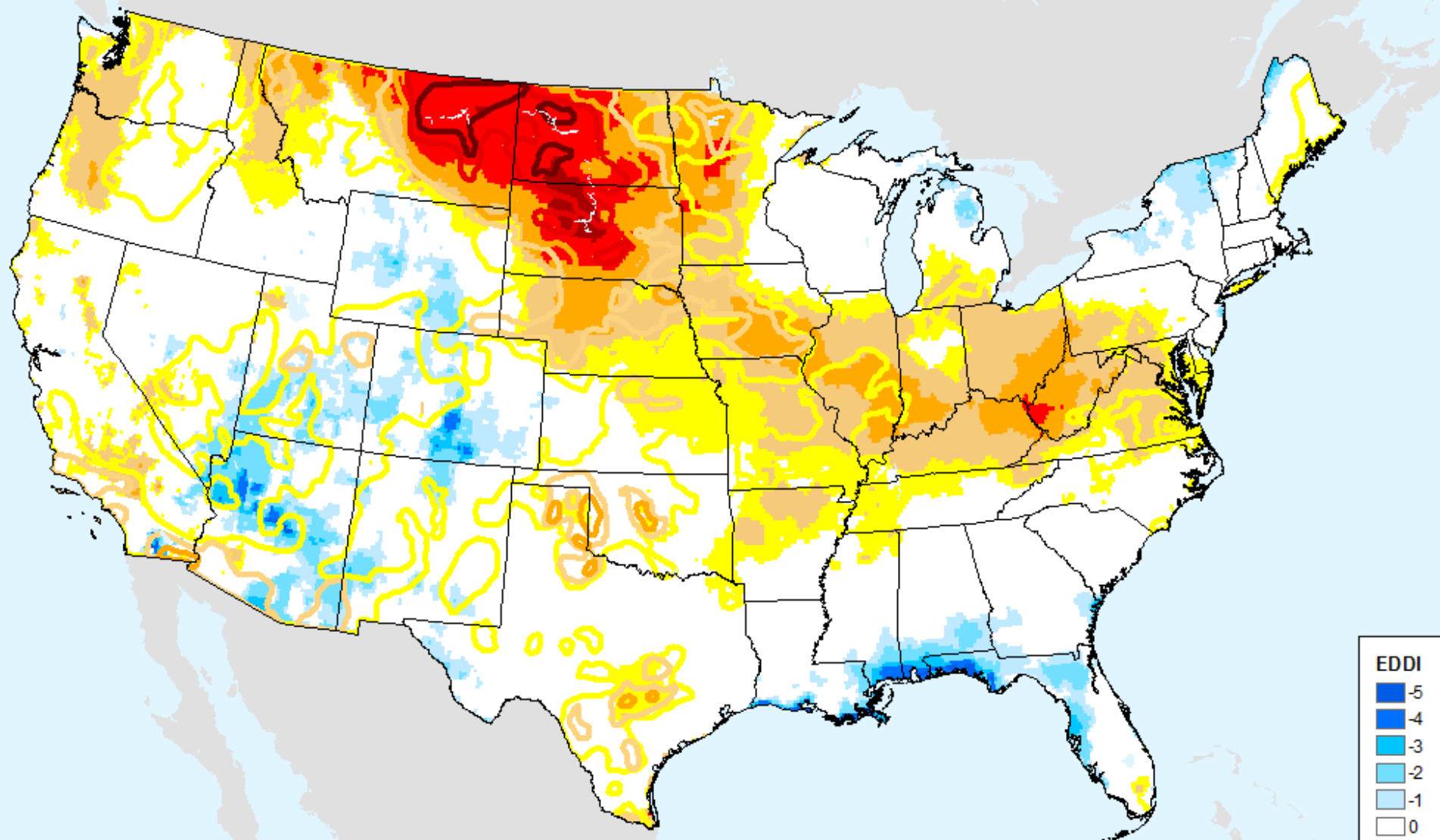
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# EDDI 9-week

As of: Tuesday, August 1, 2017

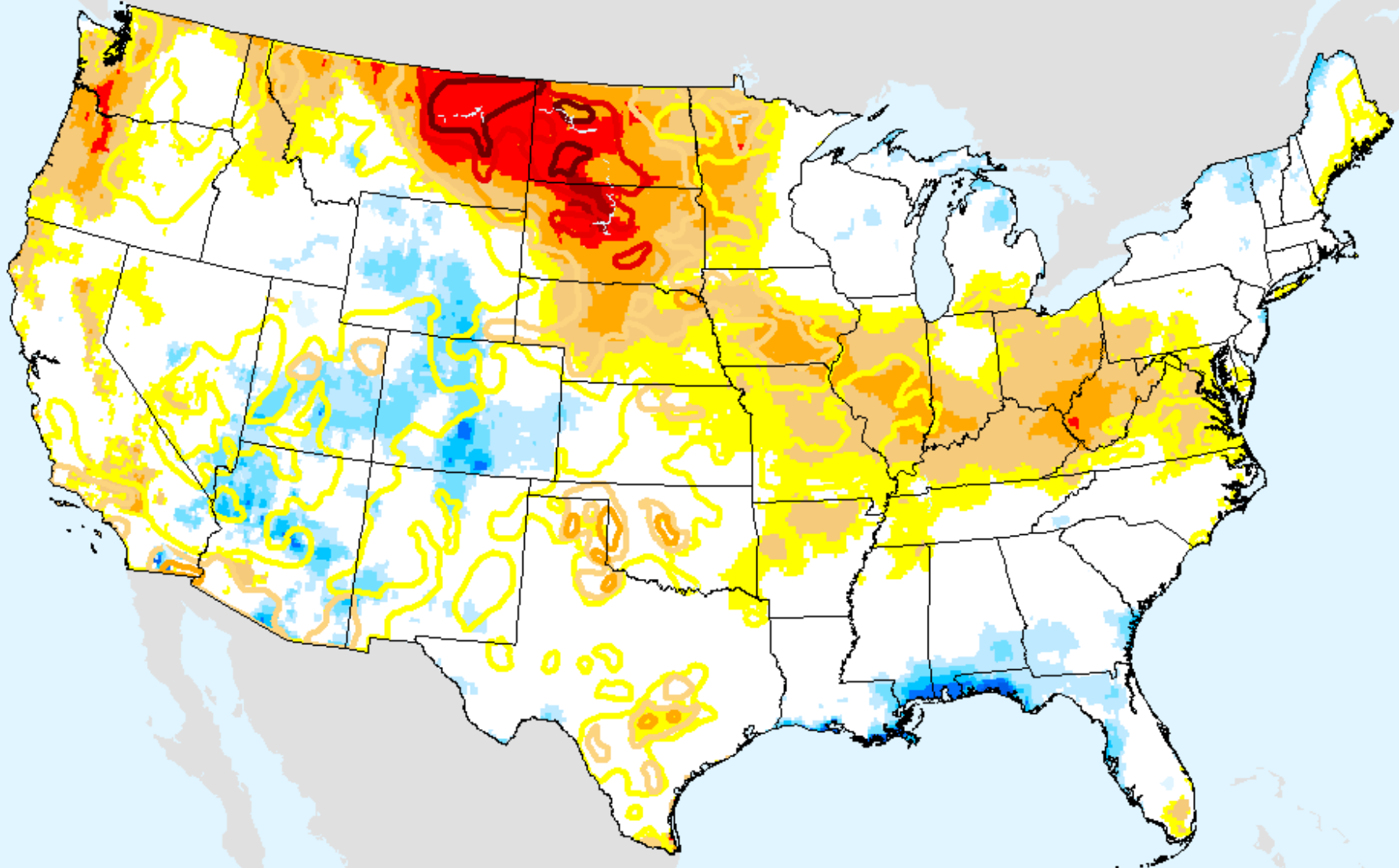


USDM for: Jul. 25, 2017



# EDDI 10-week

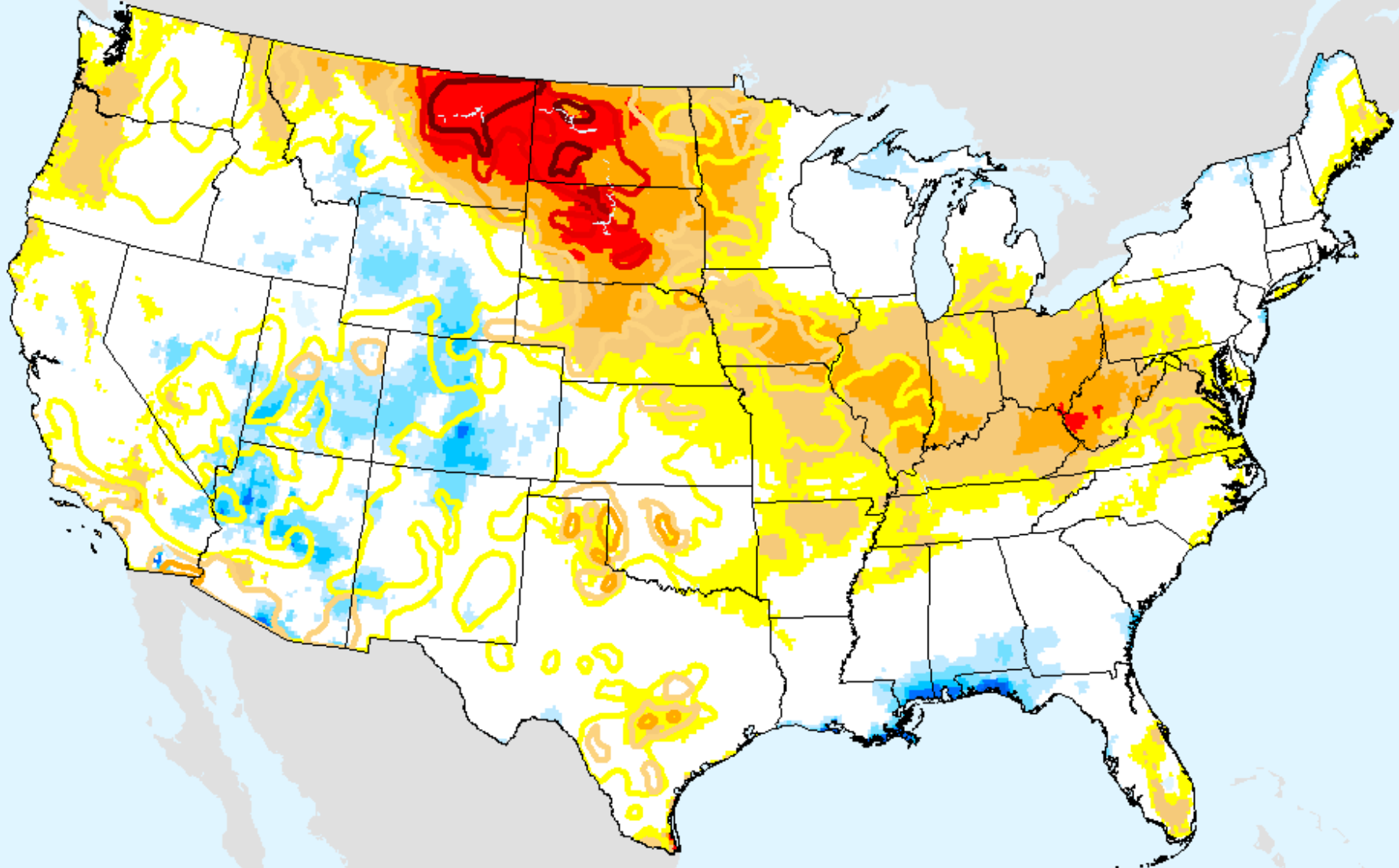
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# EDDI 11-week

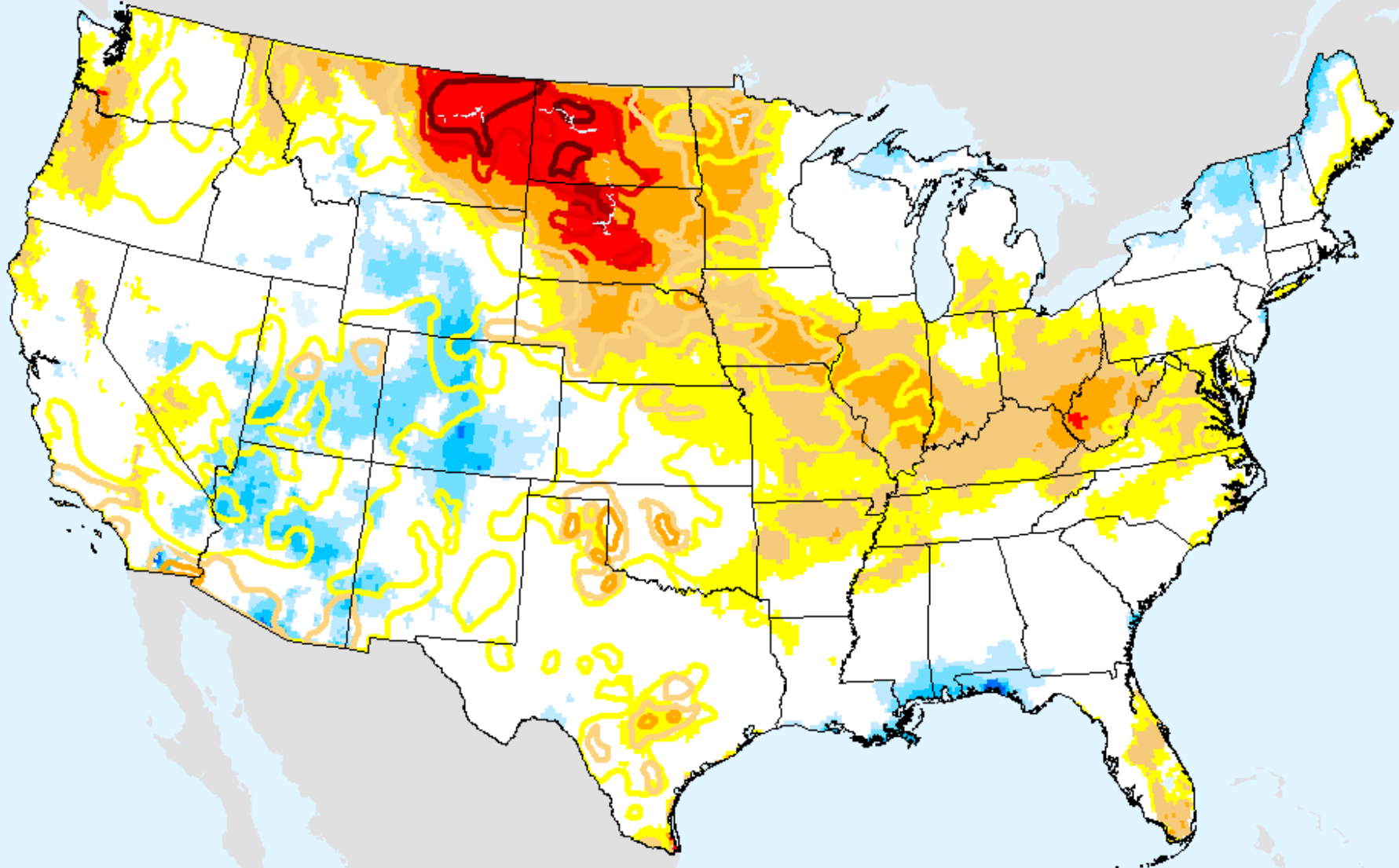
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# EDDI 12-week

As of: Tuesday, August 1, 2017

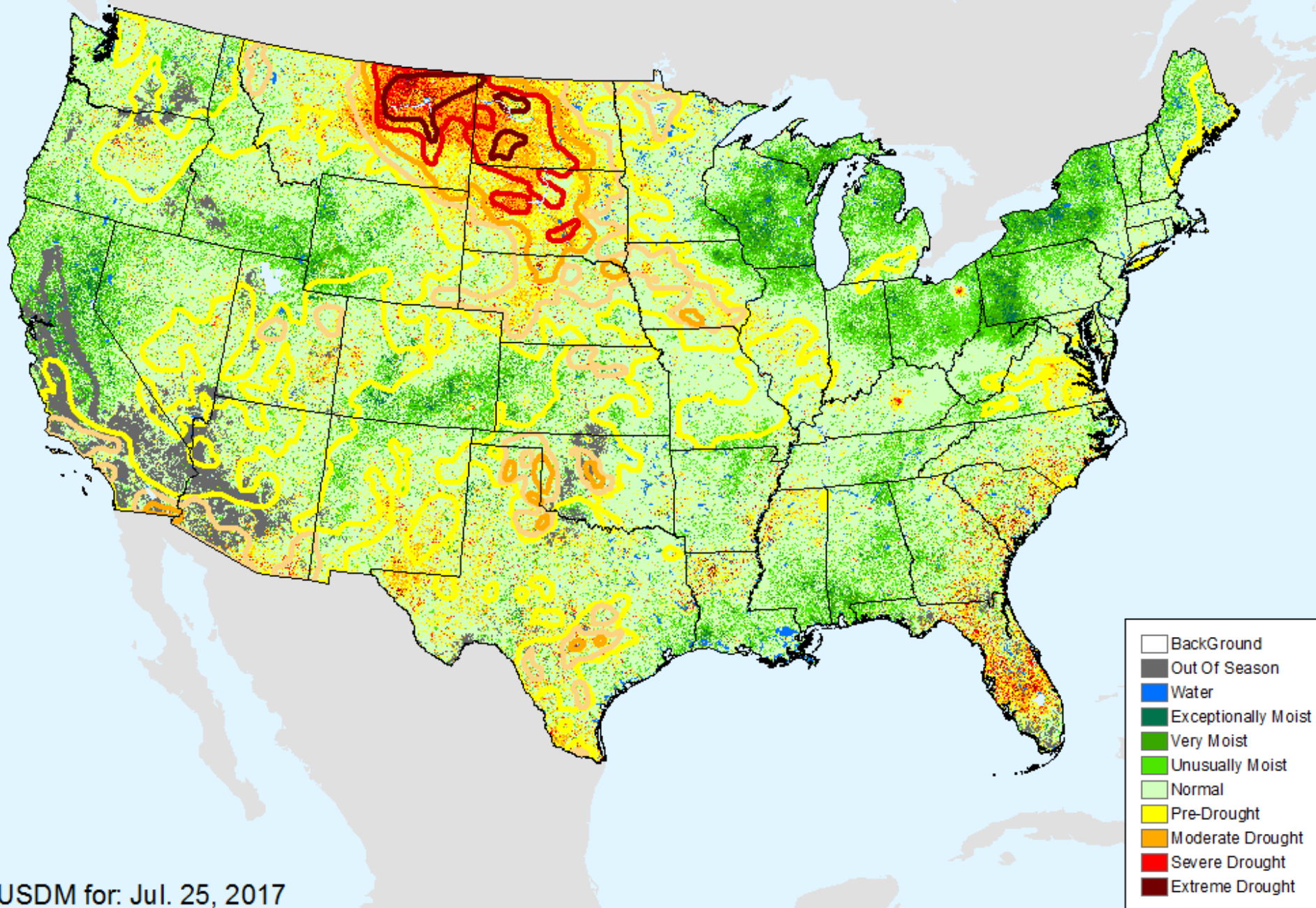


USDM for: Jul. 25, 2017



# Vegetation Drought Response Index (VegDRI)

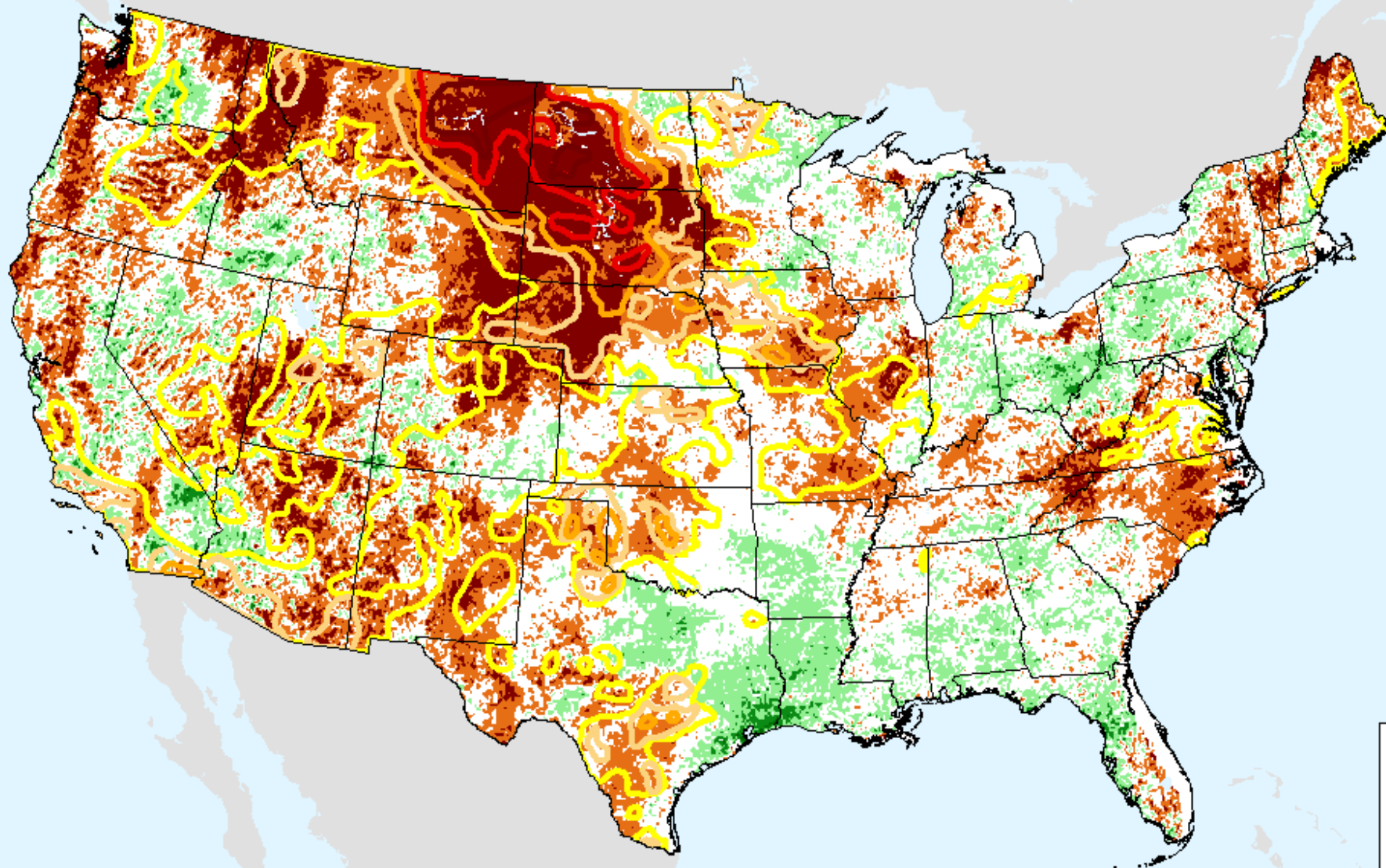
As of: Tuesday, August 1, 2017



USDM for: Jul. 25, 2017

# Evaporative Stress Index (ESI) 4-week

As of: Tuesday, August 1, 2017

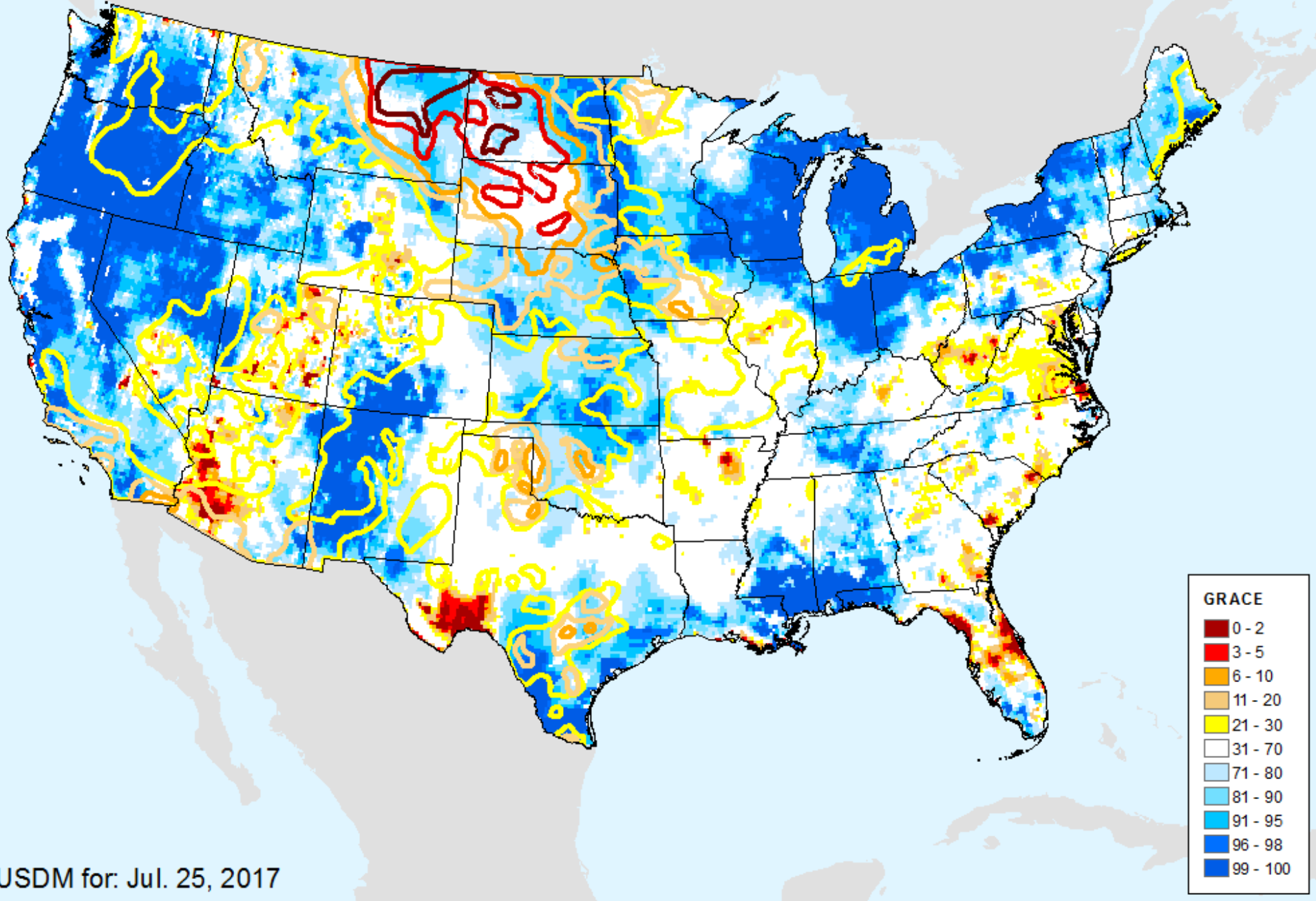


USDM for: Jul. 25, 2017



# GRACE-Based Shallow Groundwater Drought Indicator

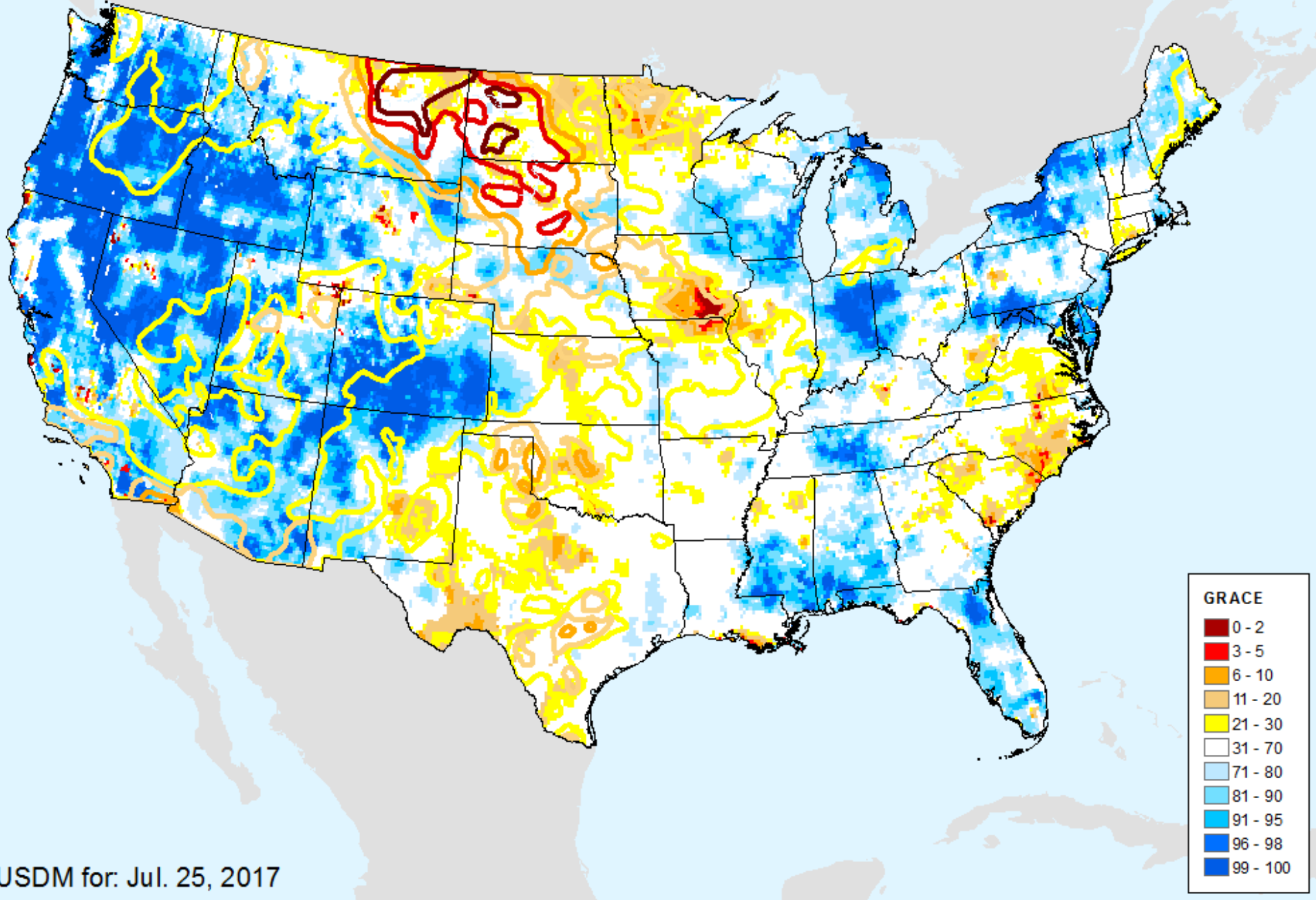
As of: Tuesday, August 1, 2017





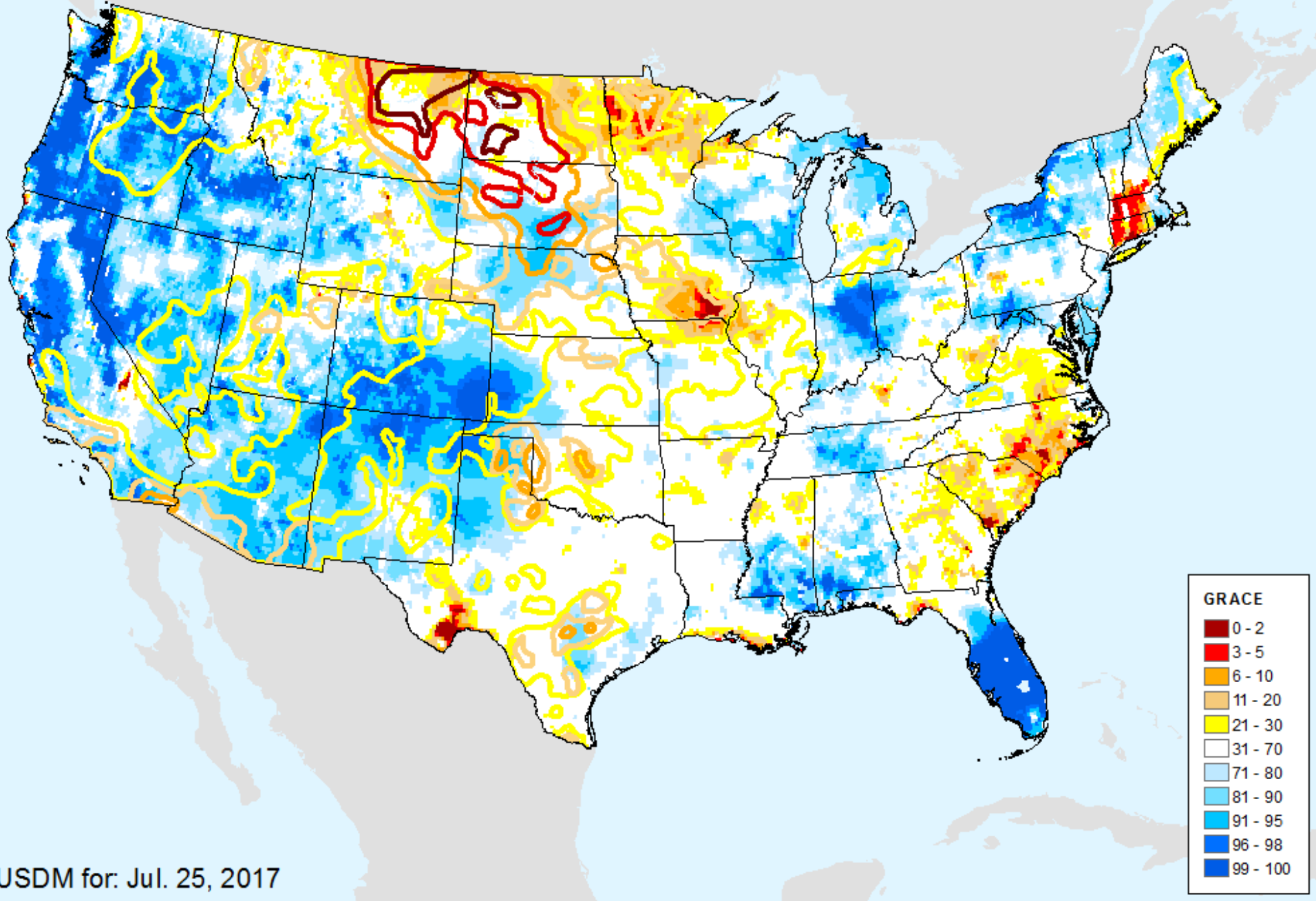
# GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, August 1, 2017



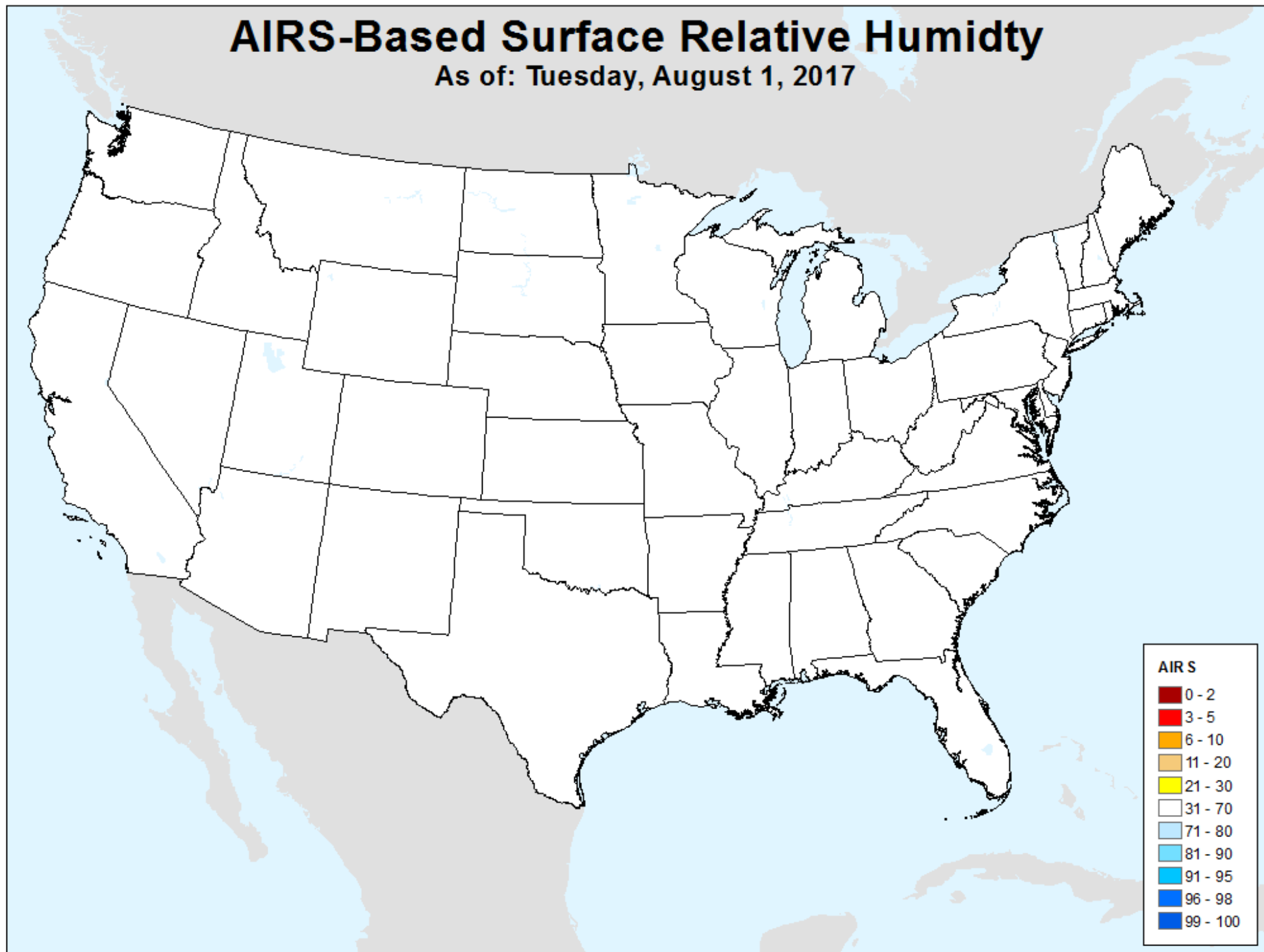
# GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, August 1, 2017



# AIRS-Based Surface Relative Humidity

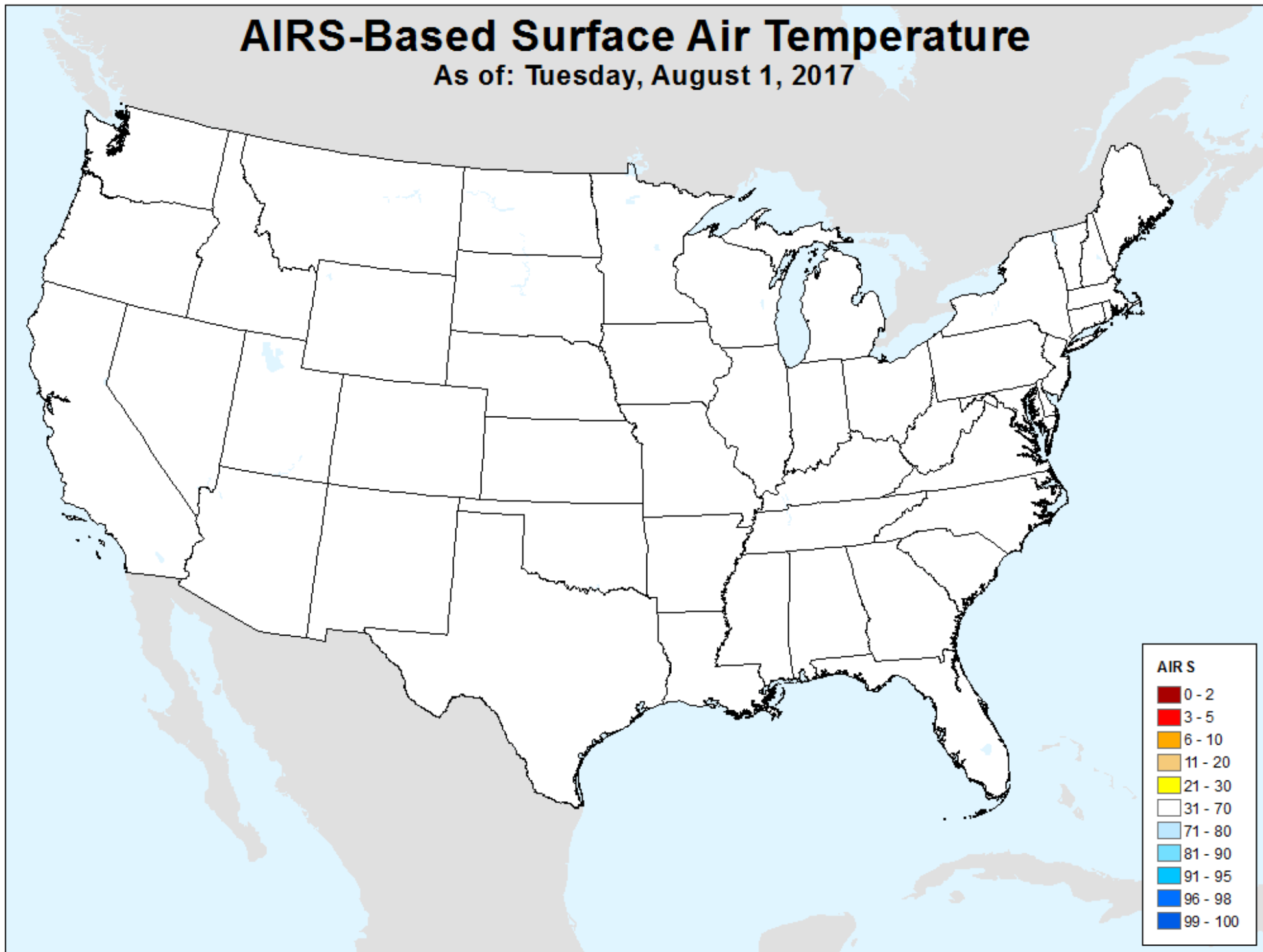
As of: Tuesday, August 1, 2017





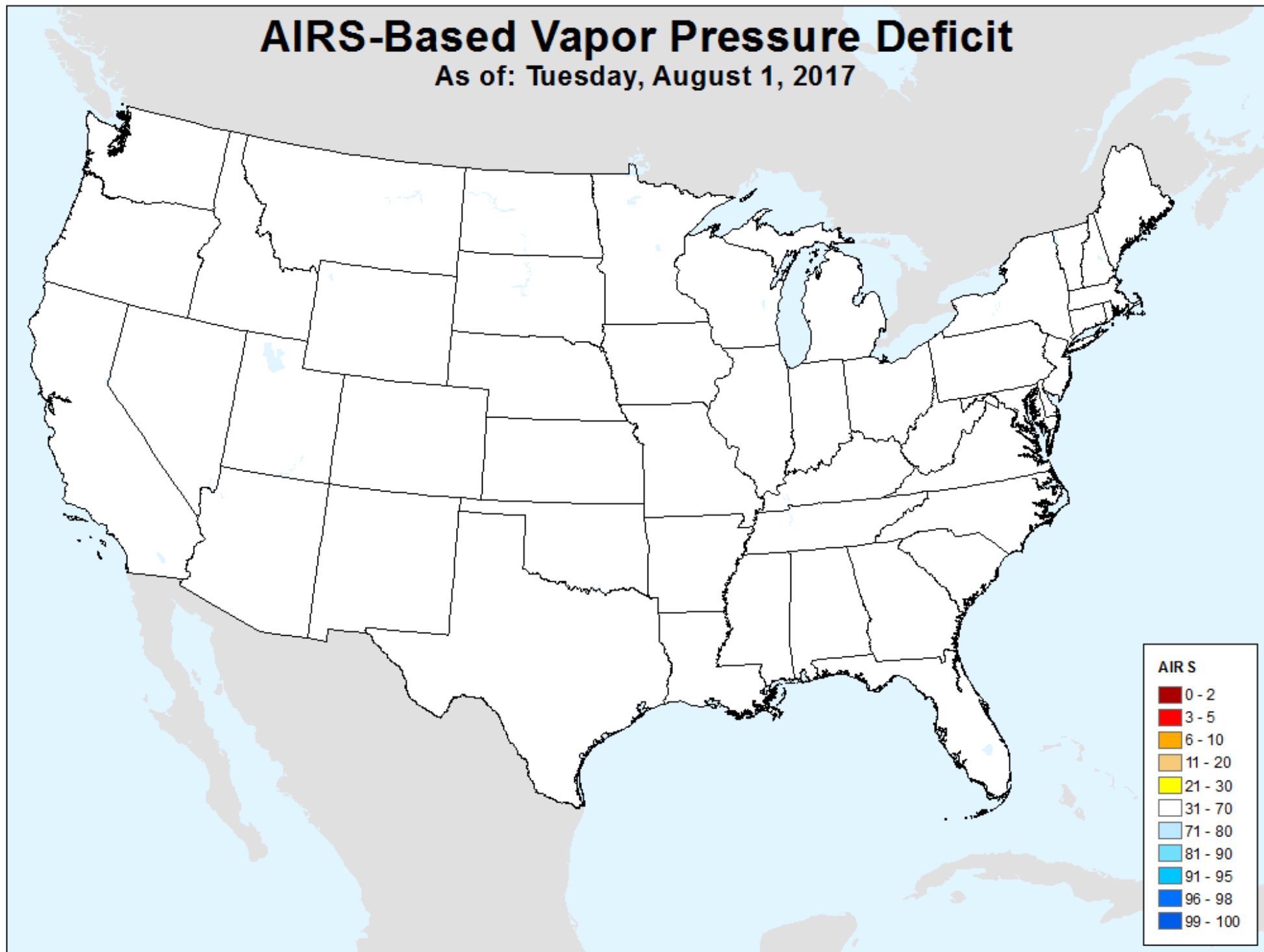
# AIRS-Based Surface Air Temperature

As of: Tuesday, August 1, 2017

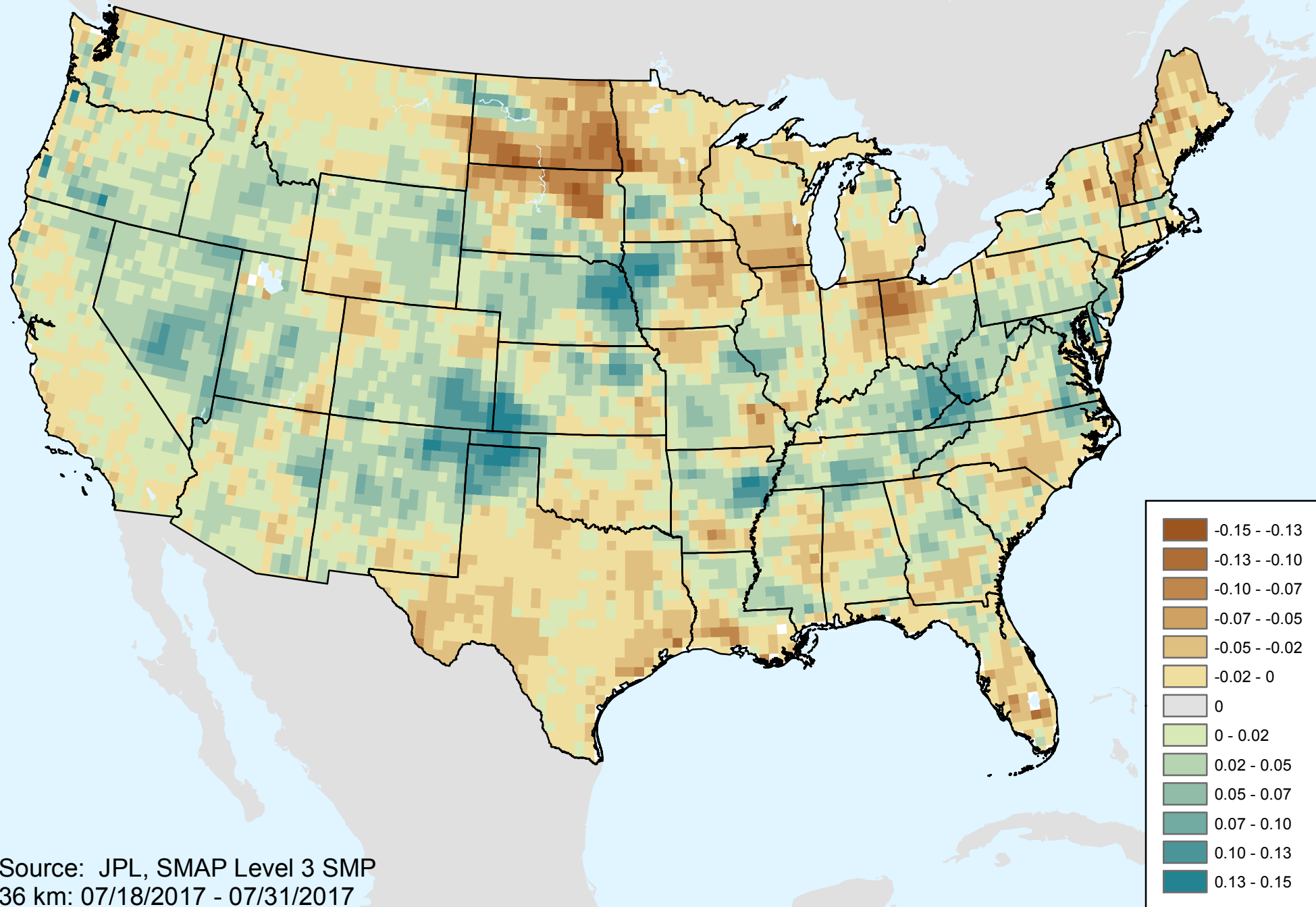


# AIRS-Based Vapor Pressure Deficit

As of: Tuesday, August 1, 2017



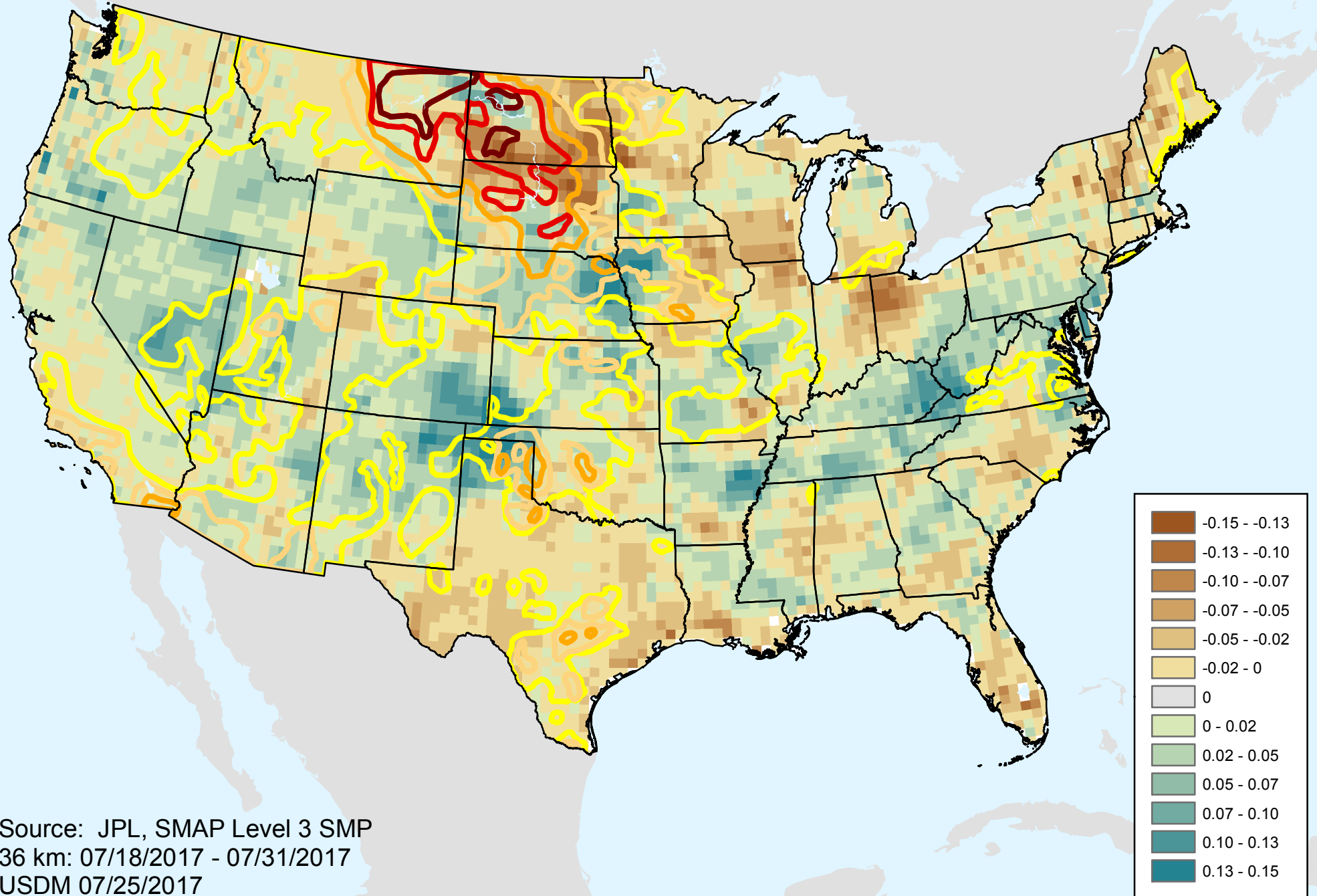
# SMAP 1-Week Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 07/18/2017 - 07/31/2017

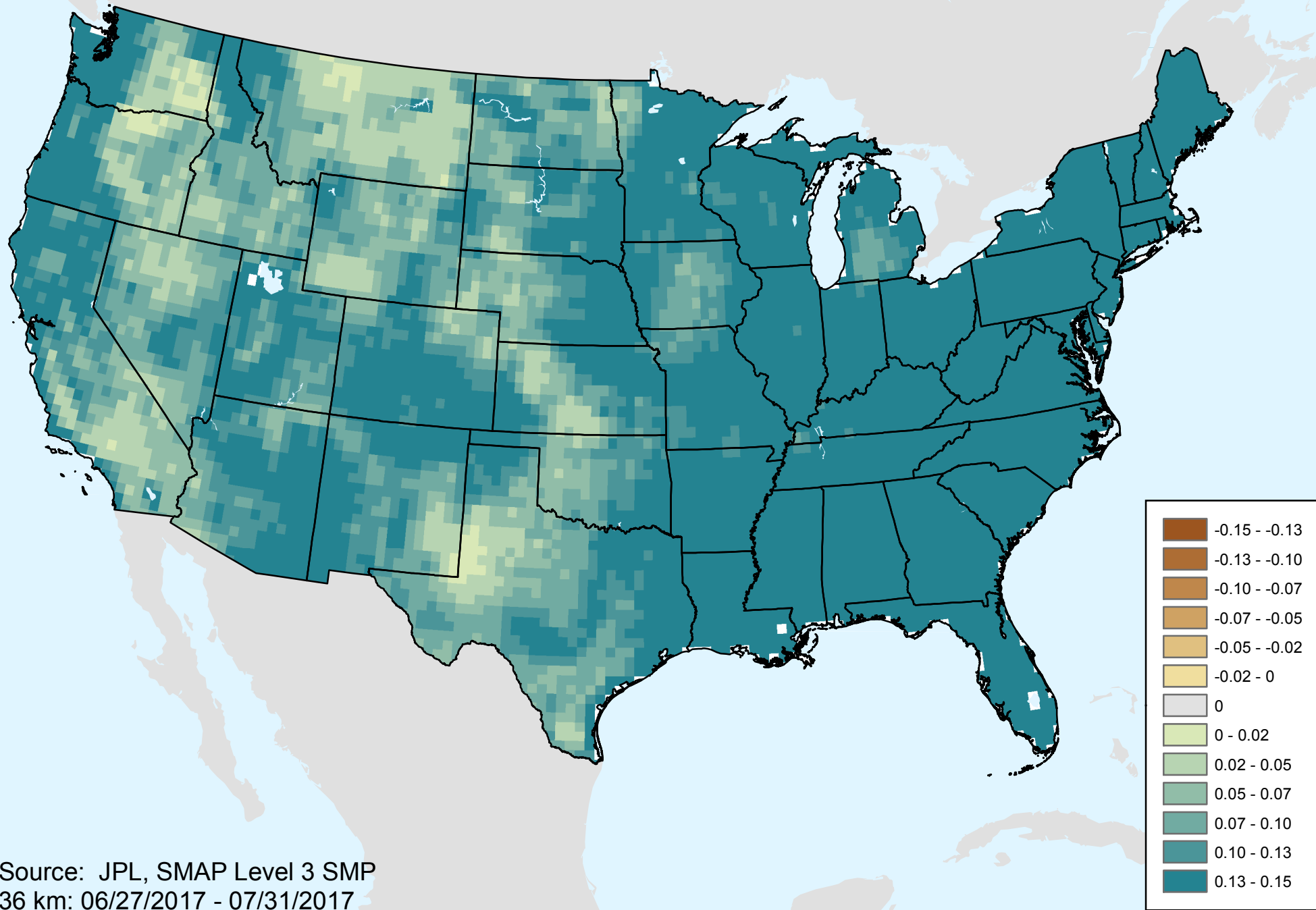


# SMAP 1-Week Change in Soil Moisture 0-5 cm



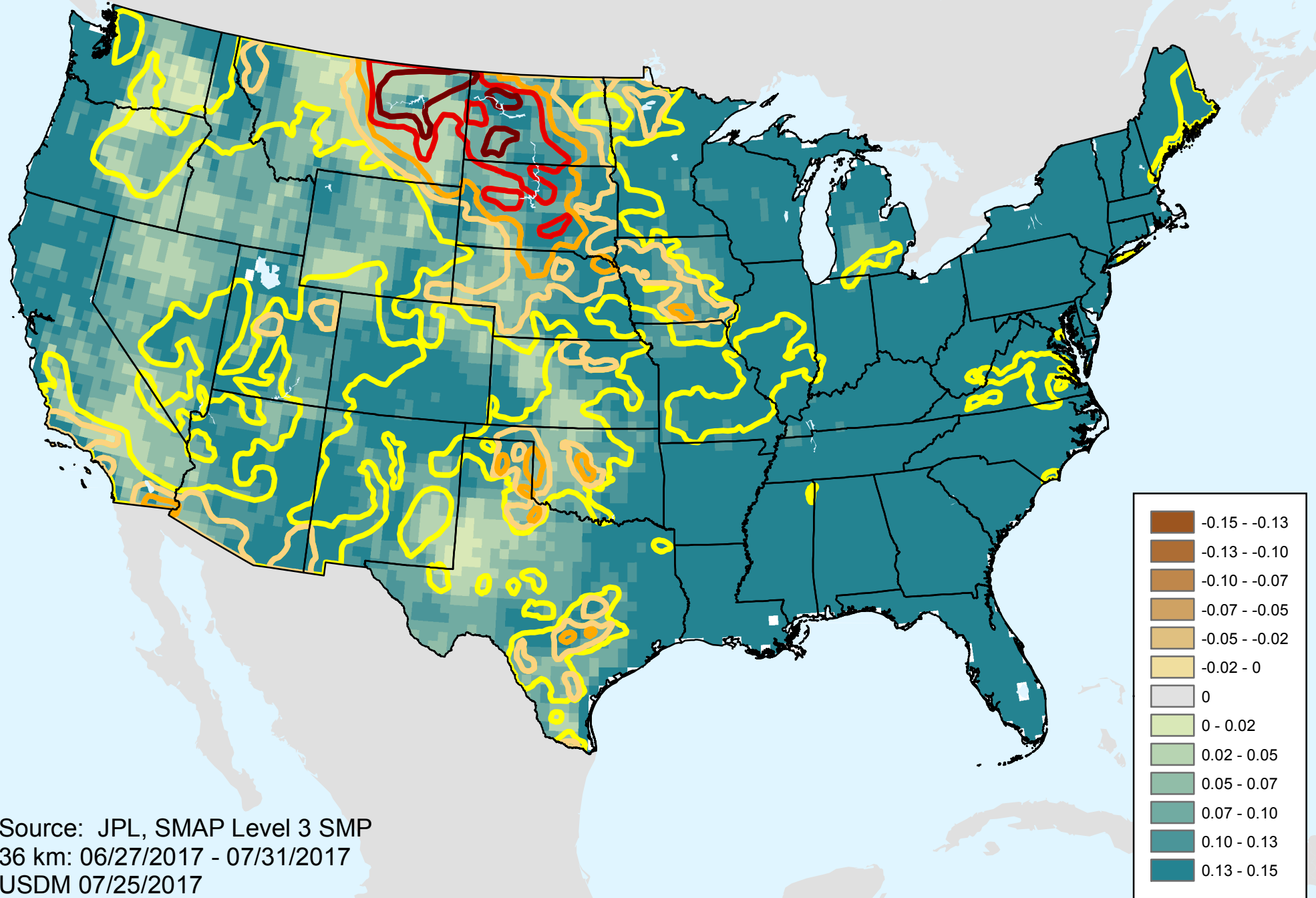
Source: JPL, SMAP Level 3 SMP  
36 km: 07/18/2017 - 07/31/2017  
USDM 07/25/2017

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



Source: JPL, SMAP Level 3 SMP  
36 km: 06/27/2017 - 07/31/2017

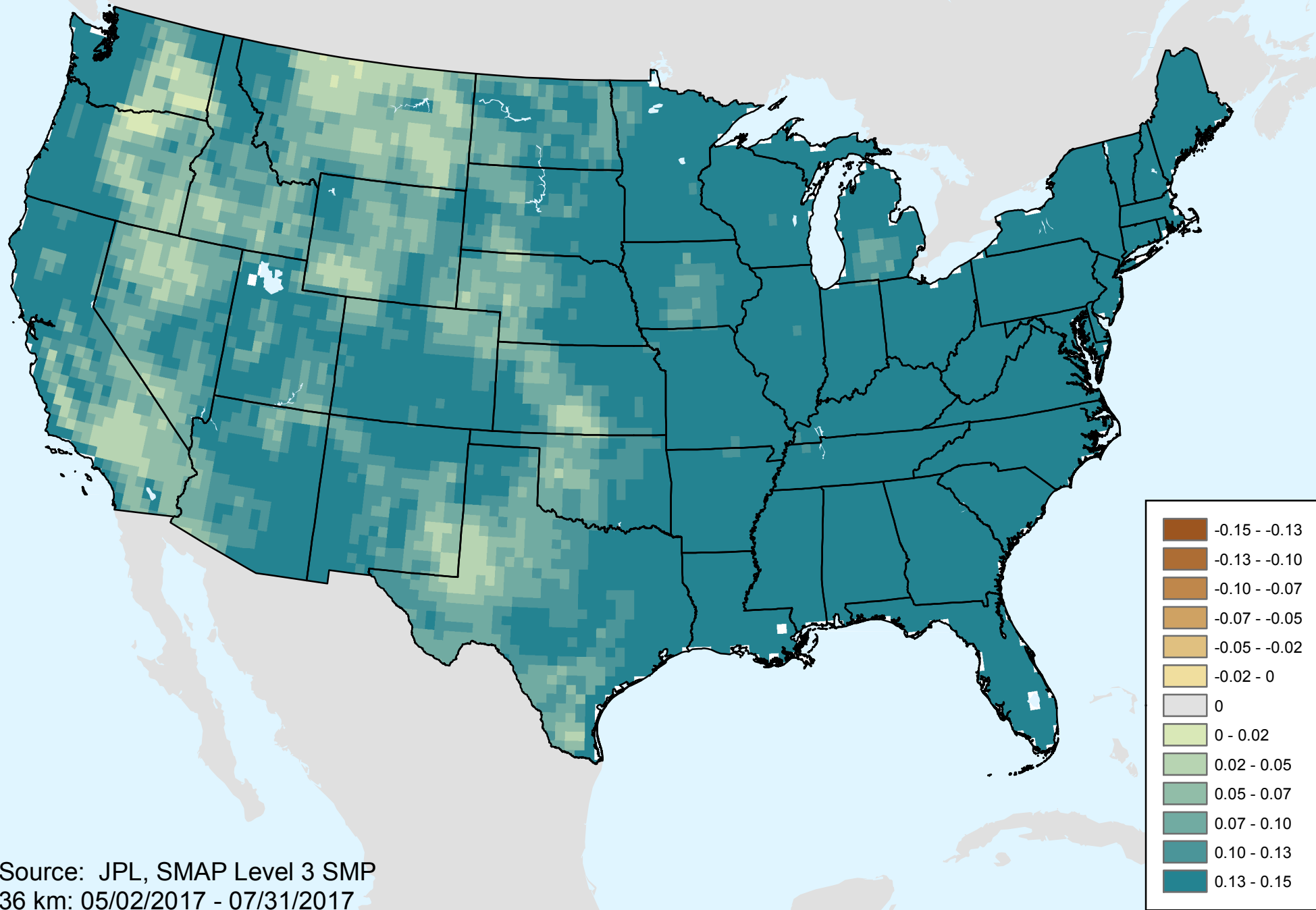
# SMAP 1-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 06/27/2017 - 07/31/2017  
USDM 07/25/2017



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



Source: JPL, SMAP Level 3 SMP  
36 km: 05/02/2017 - 07/31/2017

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

