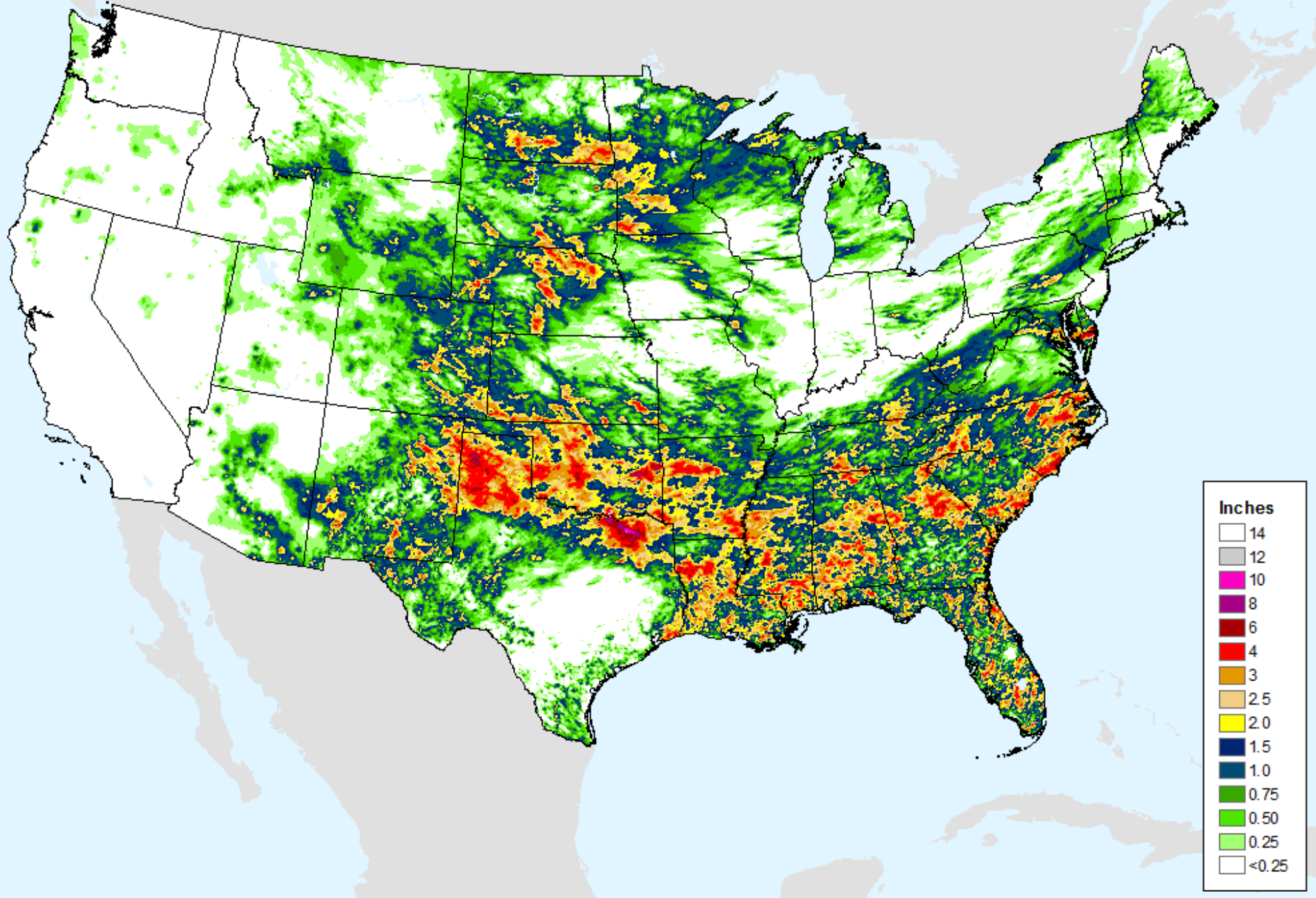


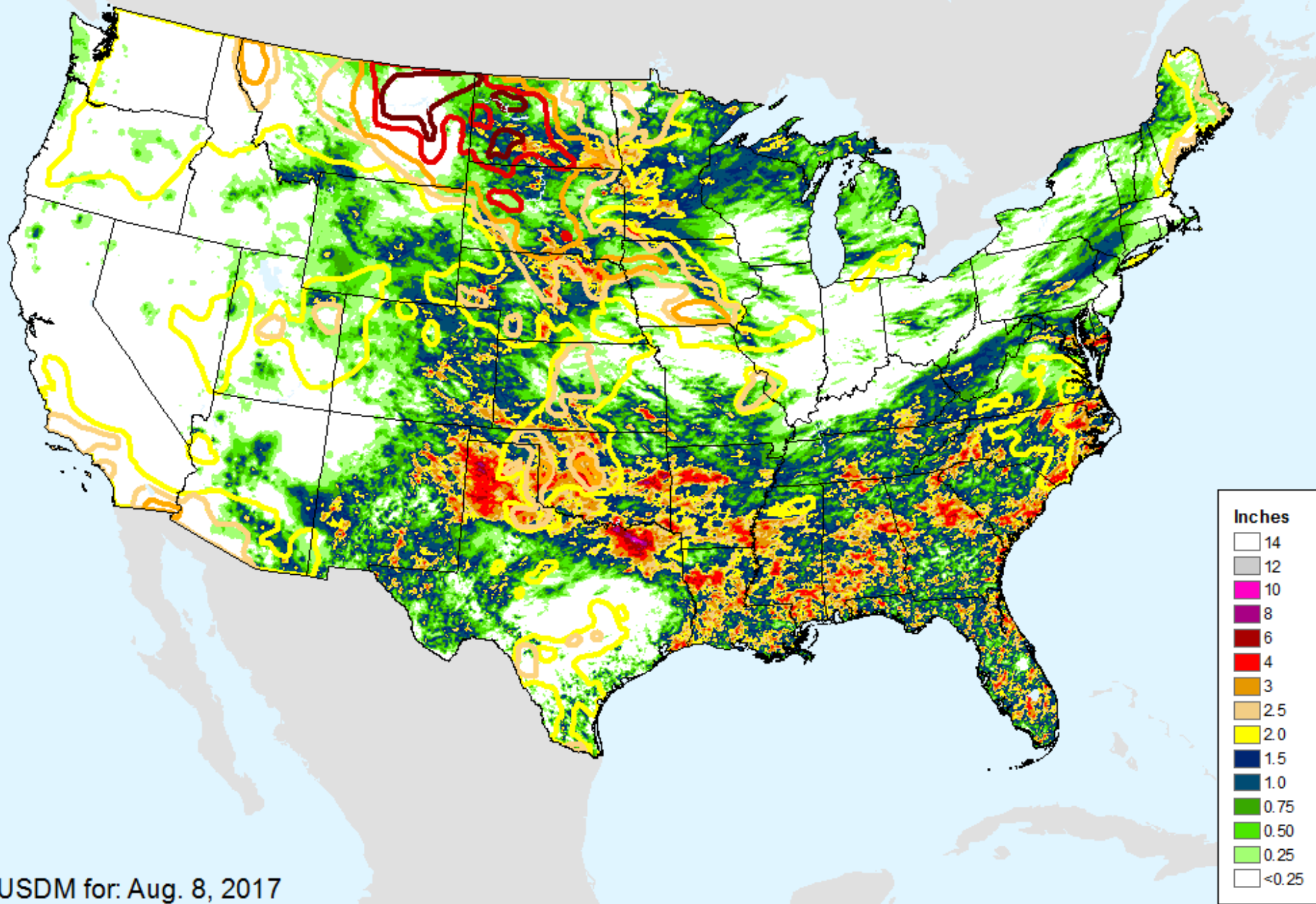
# AHPS 7-Day Precipitation

As of: Tuesday, August 15, 2017



# AHPS 7-Day Precipitation

As of: Tuesday, August 15, 2017

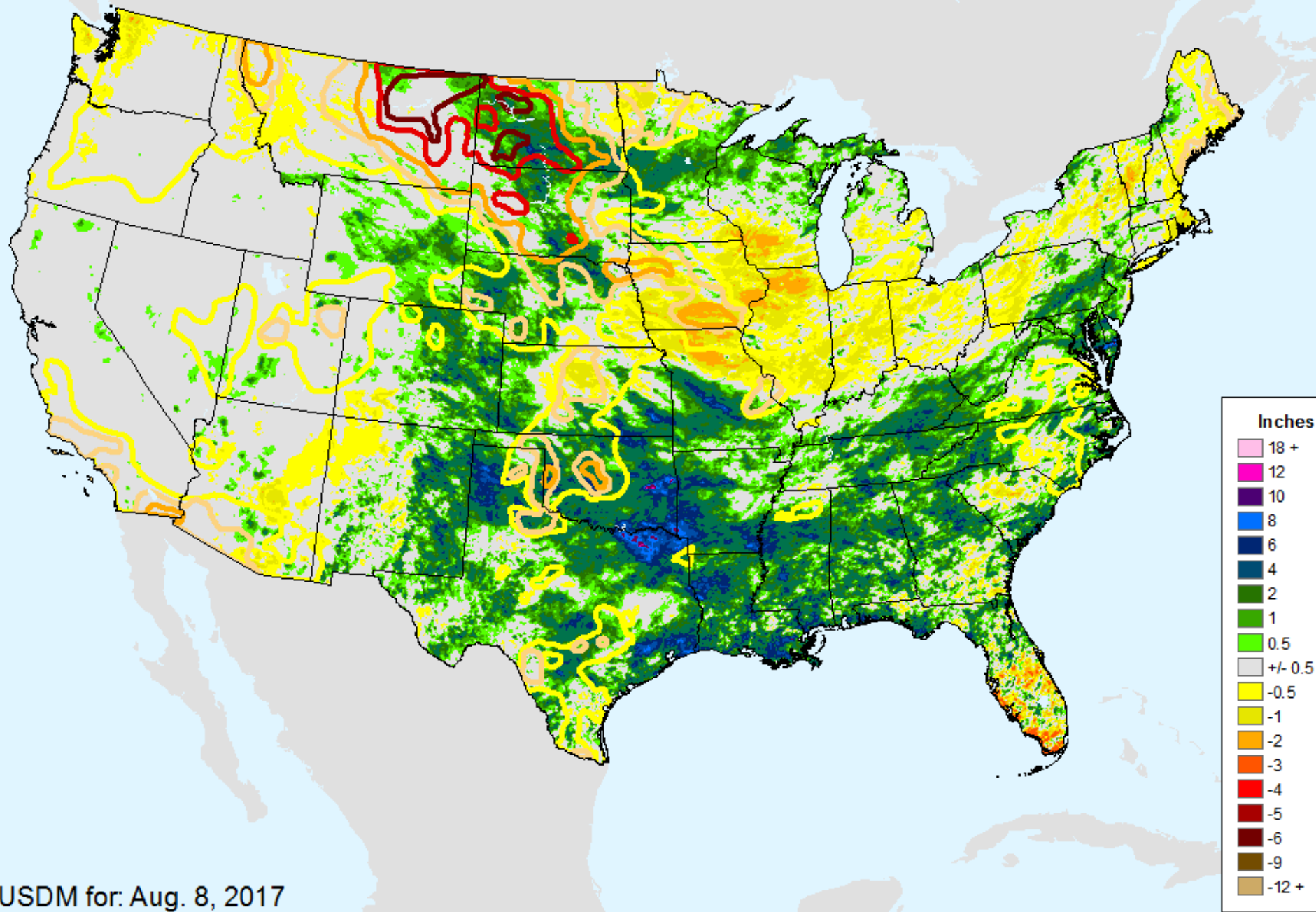


USDM for: Aug. 8, 2017



# AHPS 14-Day Precip Departure

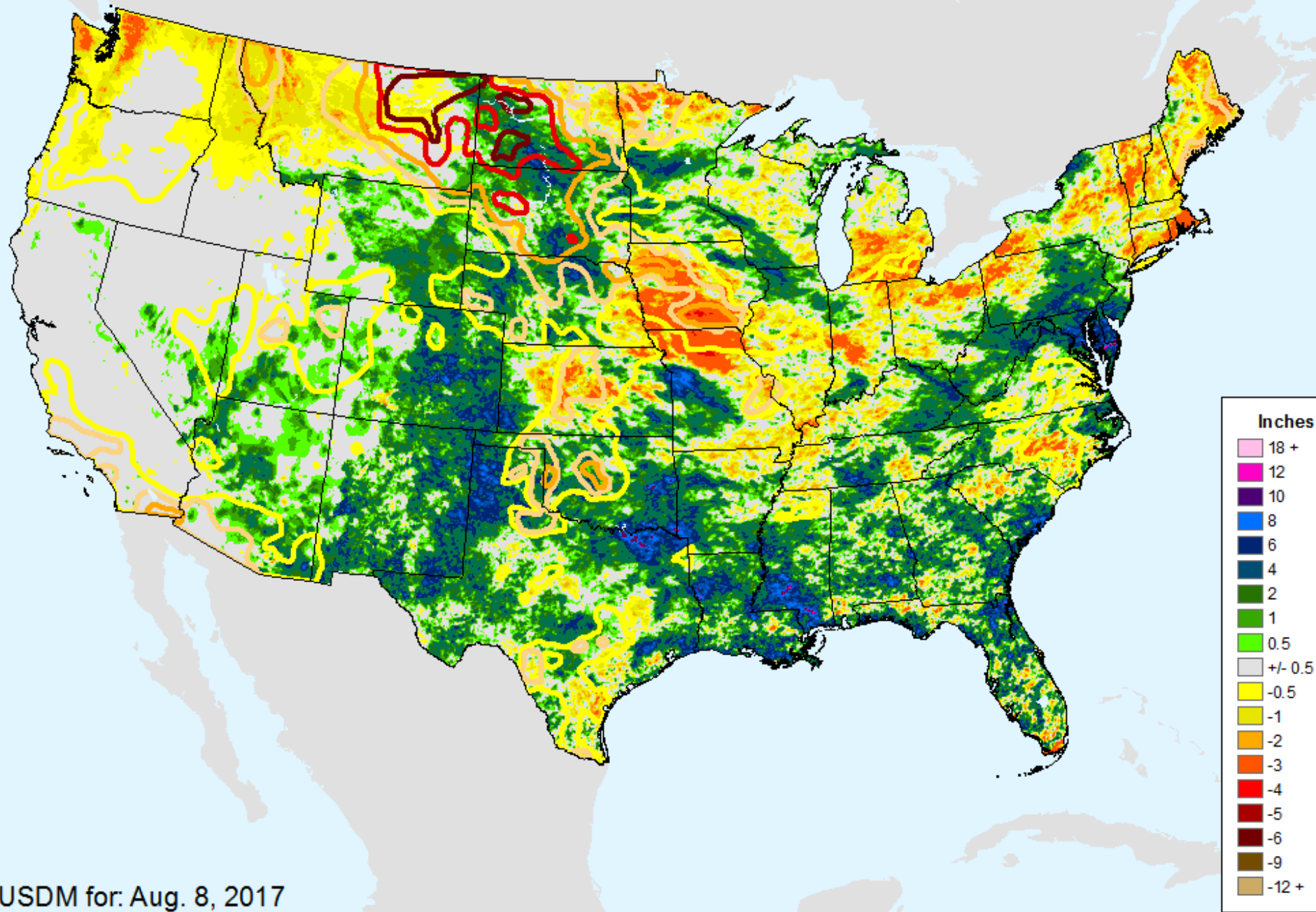
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# AHPS 30-Day Precip Departure

As of: Tuesday, August 15, 2017

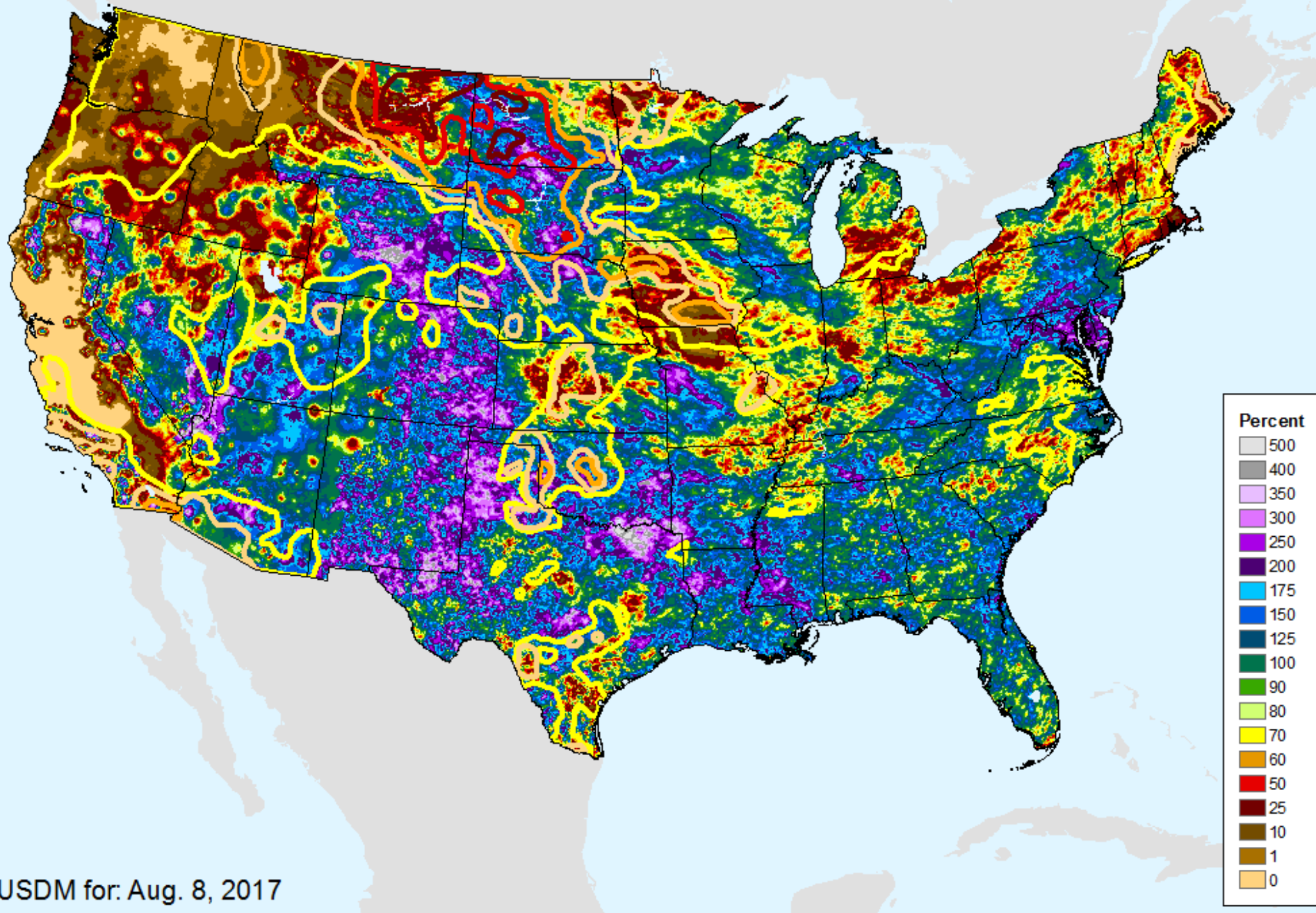


USDM for: Aug. 8, 2017



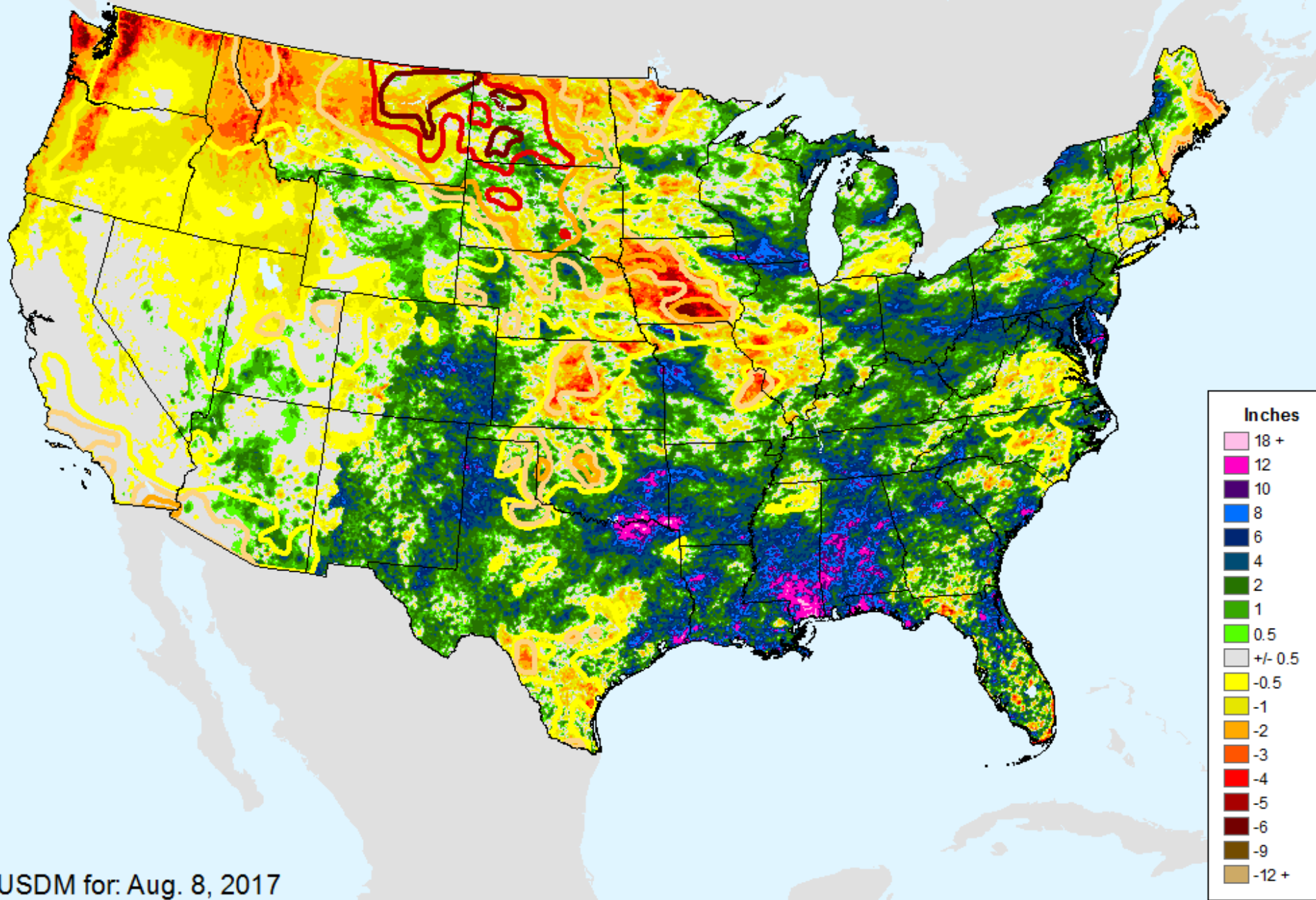
# AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, August 15, 2017



# AHPS 60-Day Precip Departure

As of: Tuesday, August 15, 2017

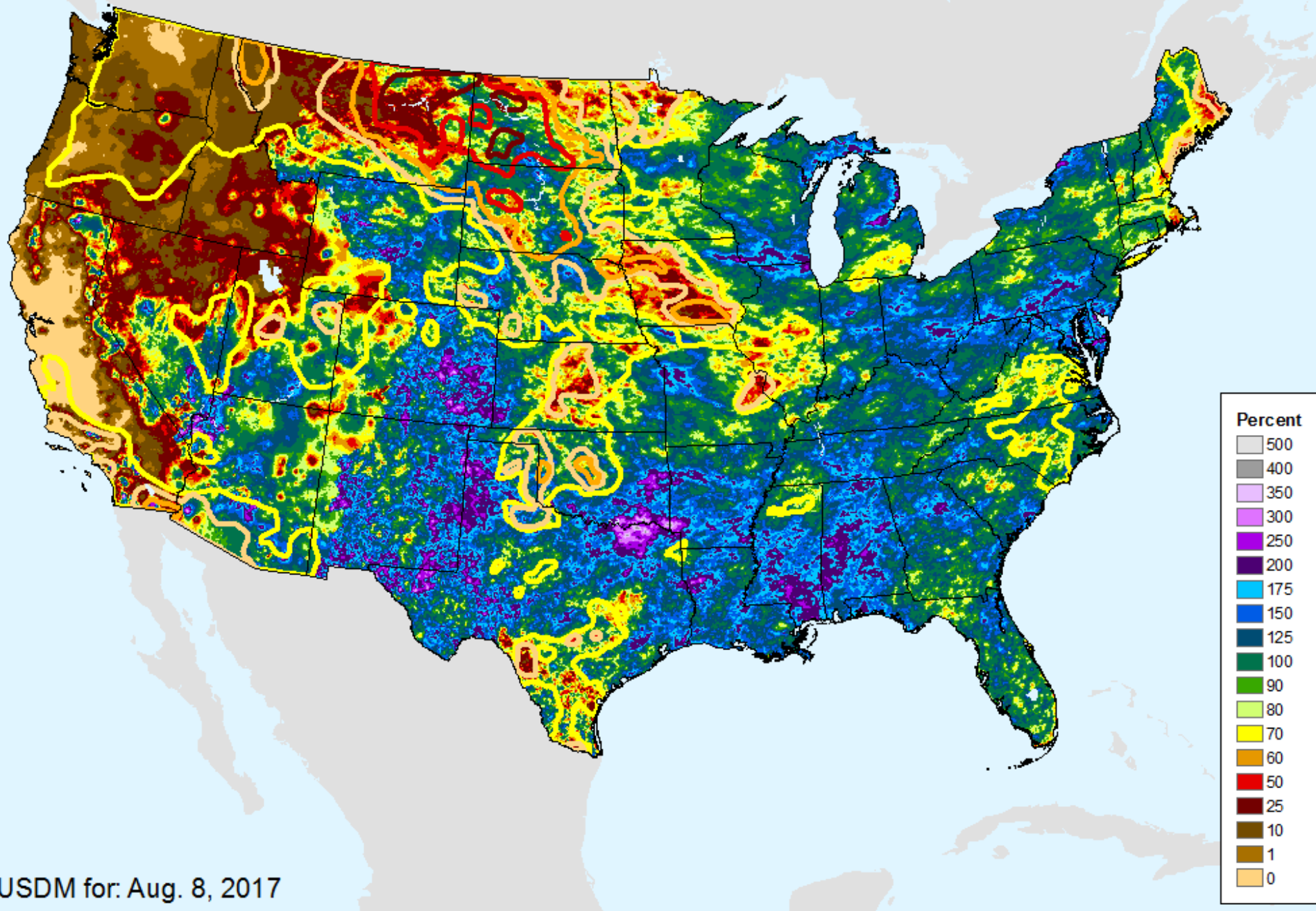


USDM for: Aug. 8, 2017



# AHPS 60-Day Pct of Normal Pcp

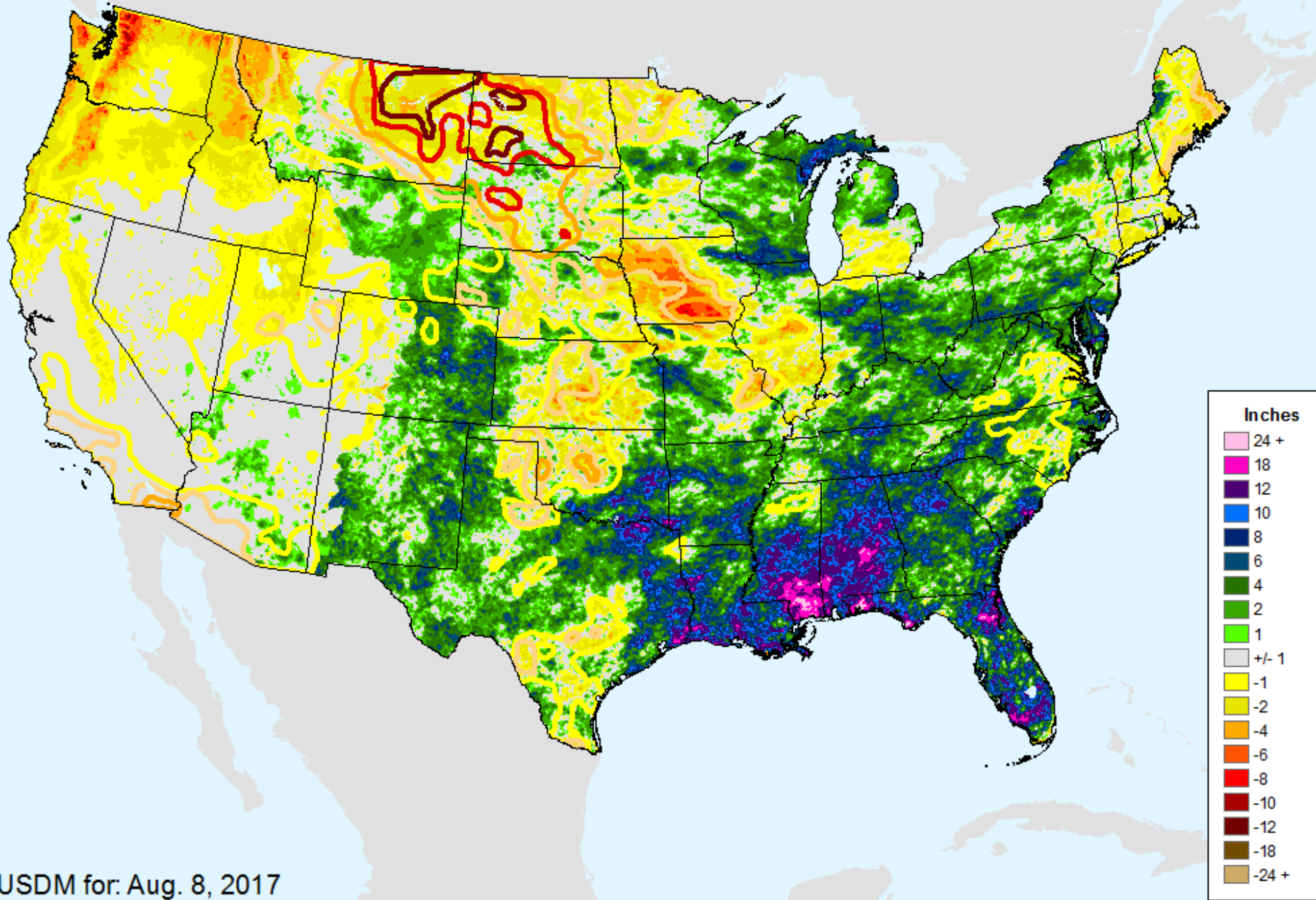
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# AHPS 90-Day Precip Departure

As of: Tuesday, August 15, 2017

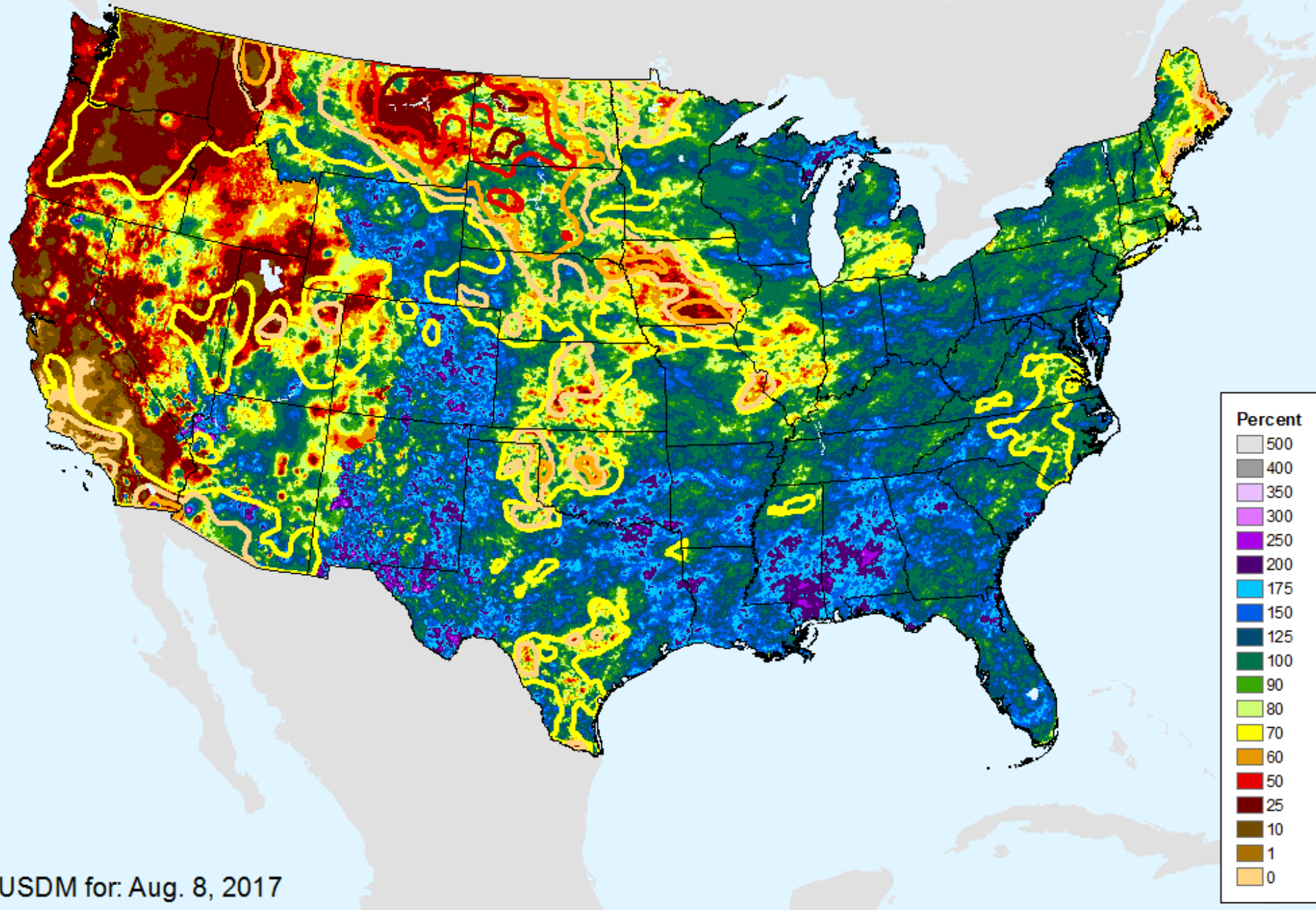


USDM for: Aug. 8, 2017



# AHPS 90-Day Pct of Normal Pcp

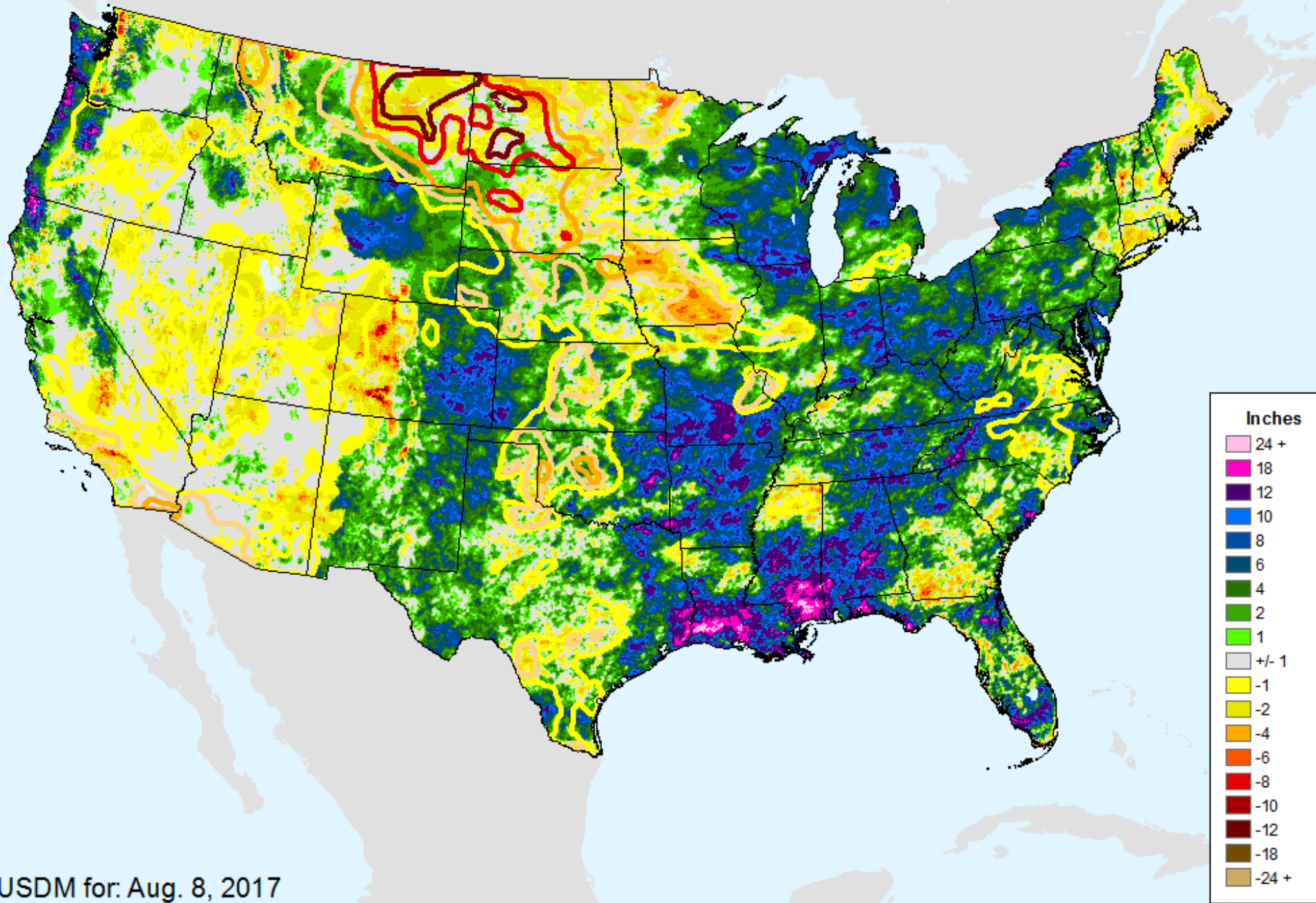
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# AHPS 180-Day Precip Departure

As of: Tuesday, August 15, 2017

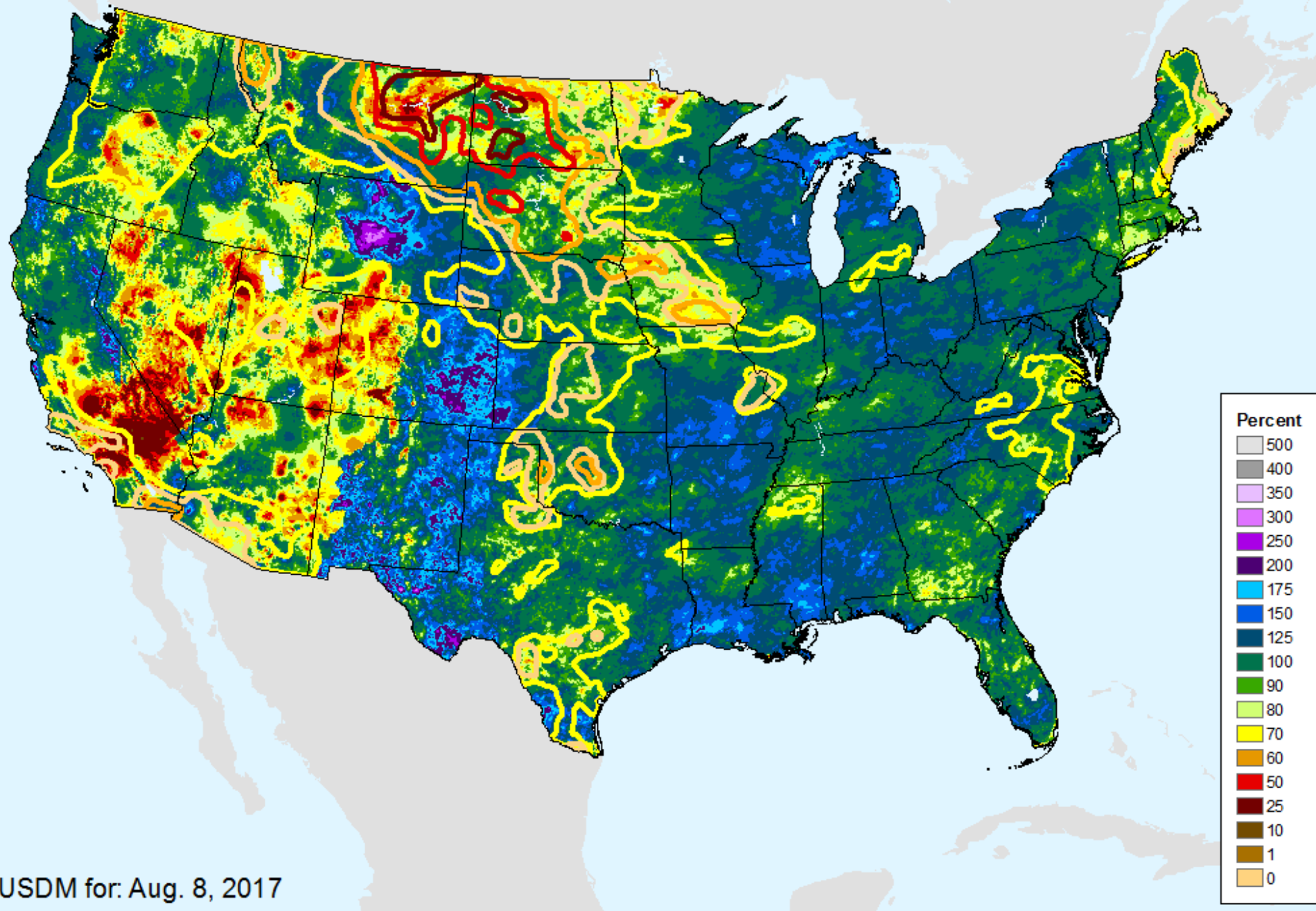


USDM for: Aug. 8, 2017



# AHPS 180-Day Pct of Normal Pcp

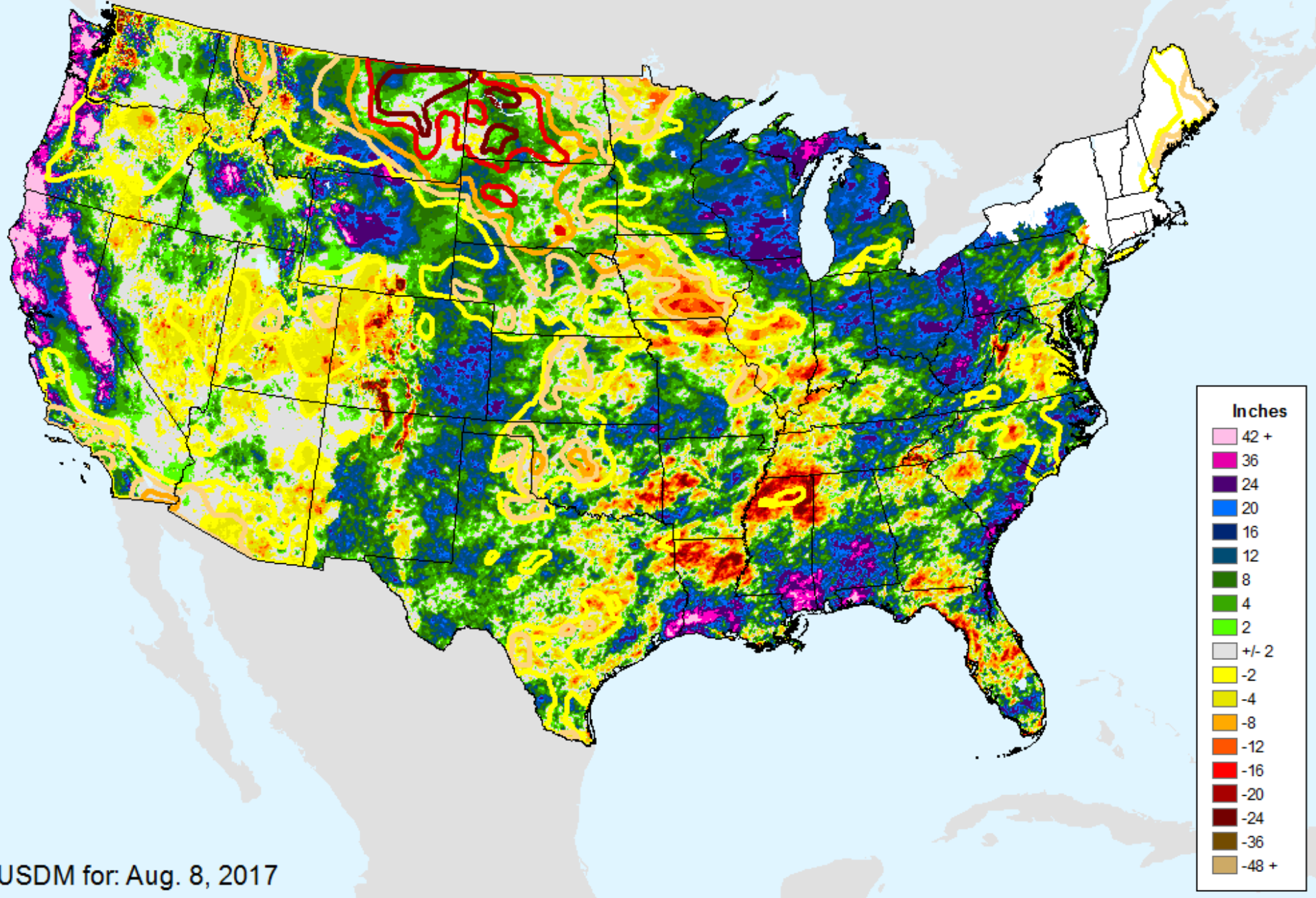
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# AHPS Water-Year Precip Departure

As of: Tuesday, August 15, 2017

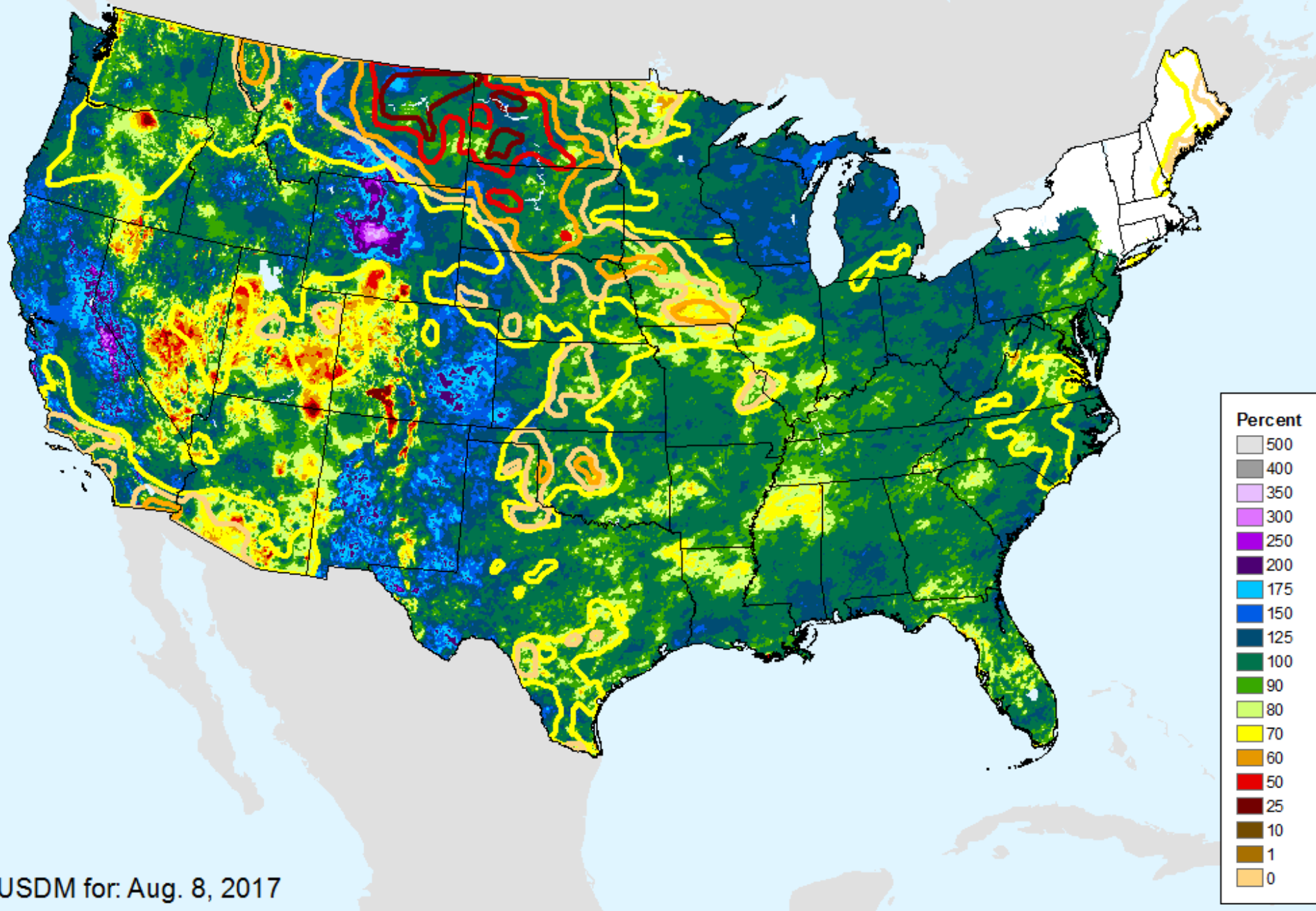


USDM for: Aug. 8, 2017



# AHPS Water-Year Pct of Normal Pcp

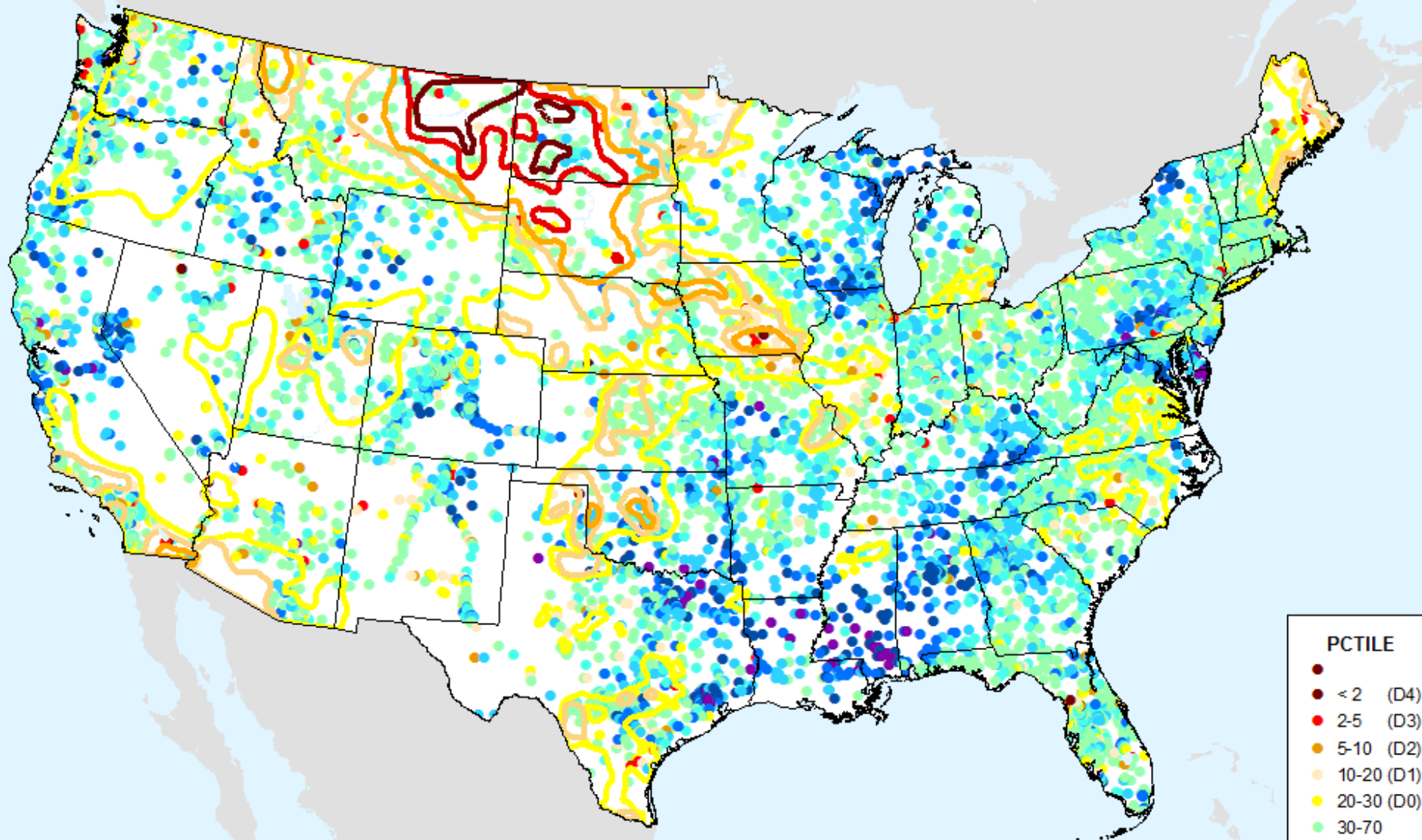
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# USGS 7-Day Avg Streamflow

As of: Tuesday, August 15, 2017

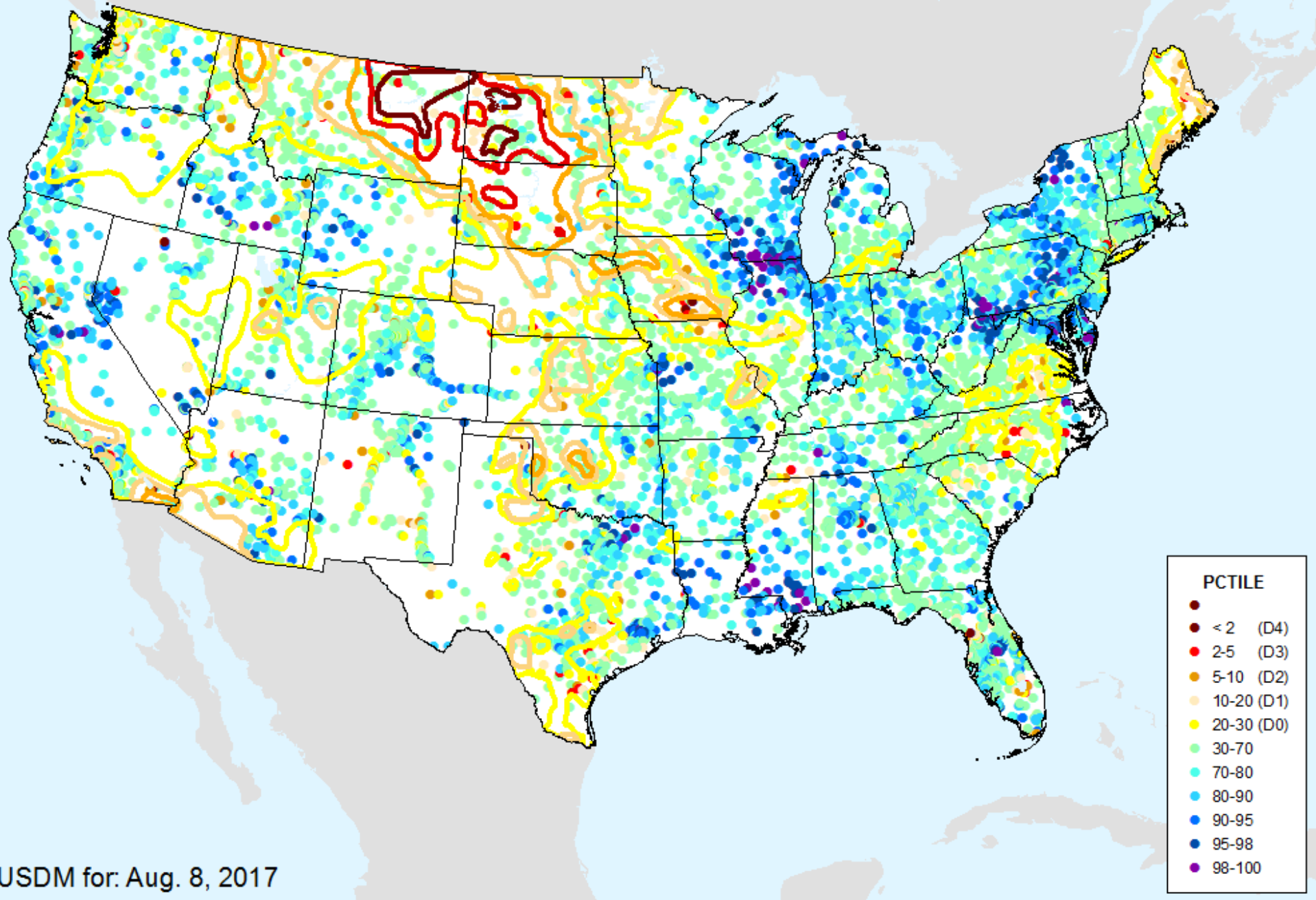


USDM for: Aug. 8, 2017



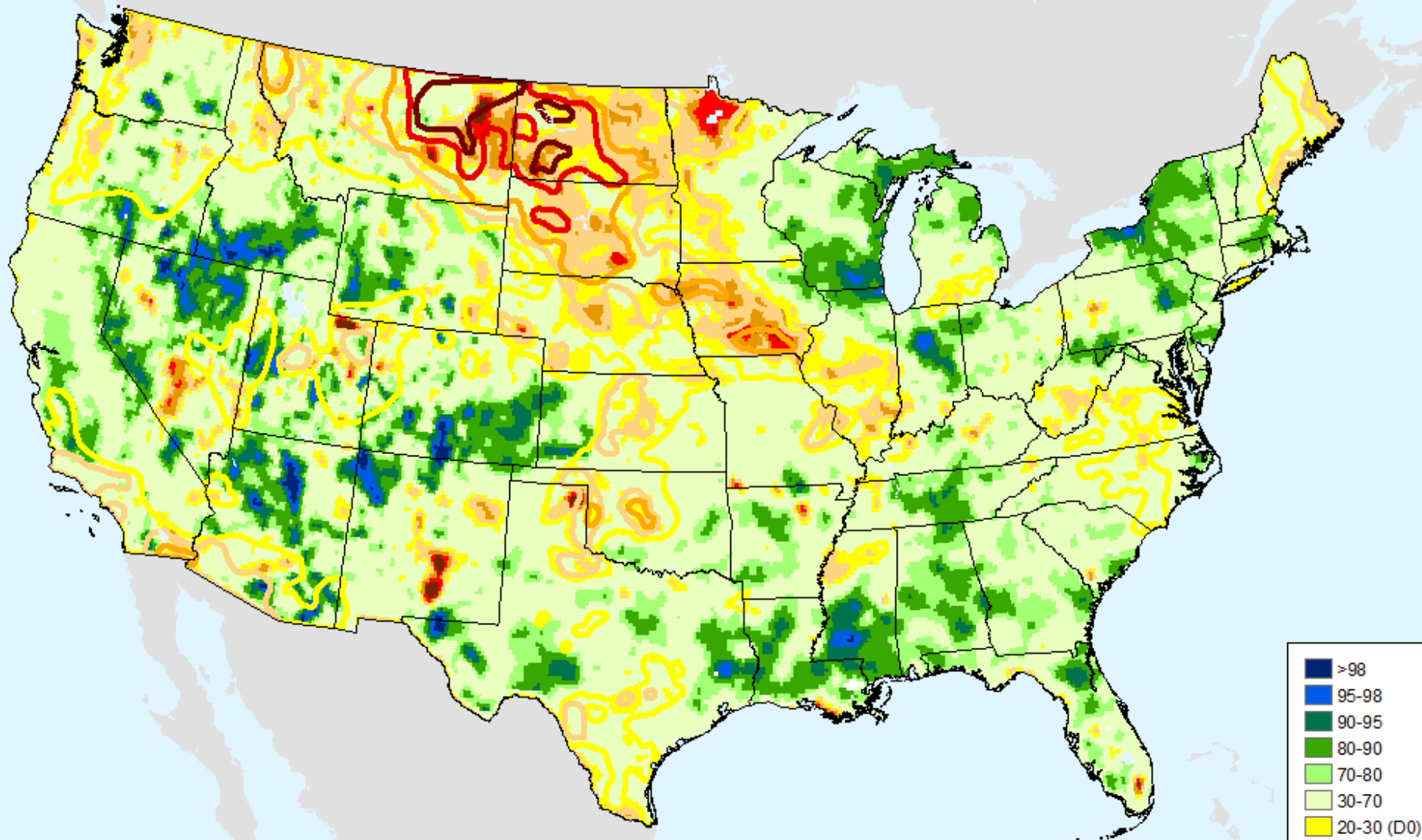
# USGS 28-Day Avg Streamflow

As of: Tuesday, August 15, 2017



# NLDAS Top 1m Soil Moisture

As of: Tuesday, August 15, 2017

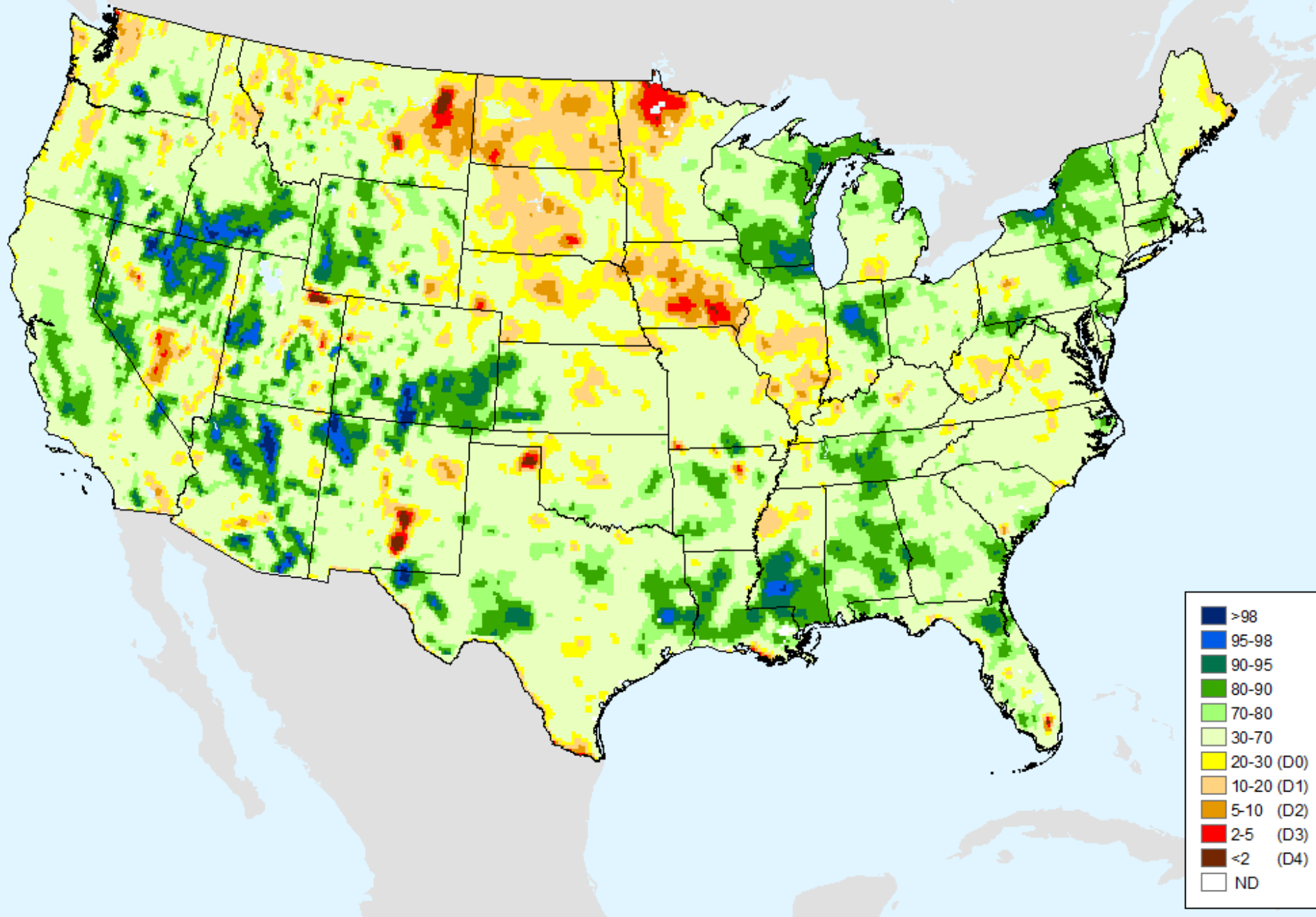


USDM for: Aug. 8, 2017



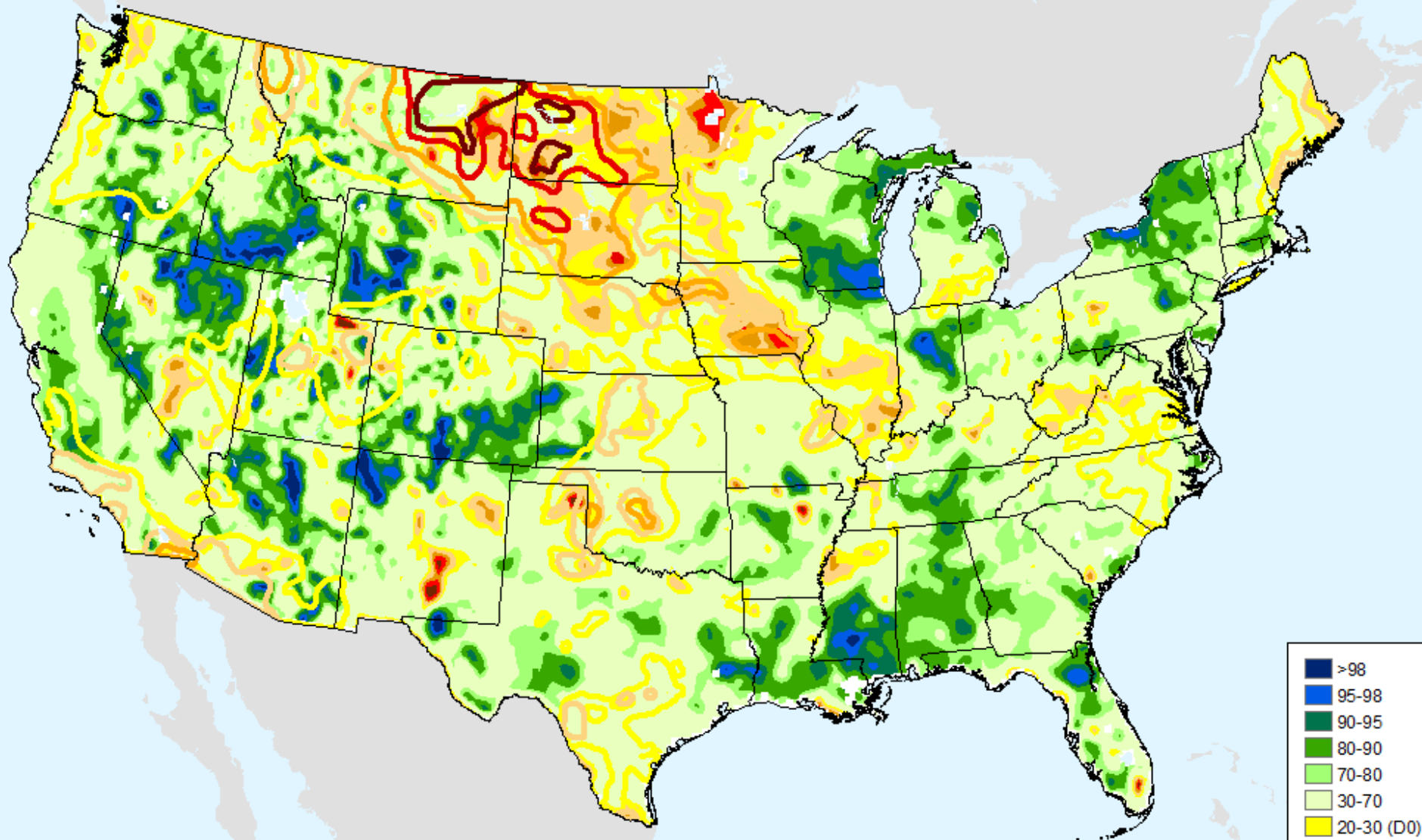
# NLDAS Top 1m Soil Moisture

As of: Tuesday, August 15, 2017



# NLDAS Total Column Soil Moisture

As of: Tuesday, August 15, 2017

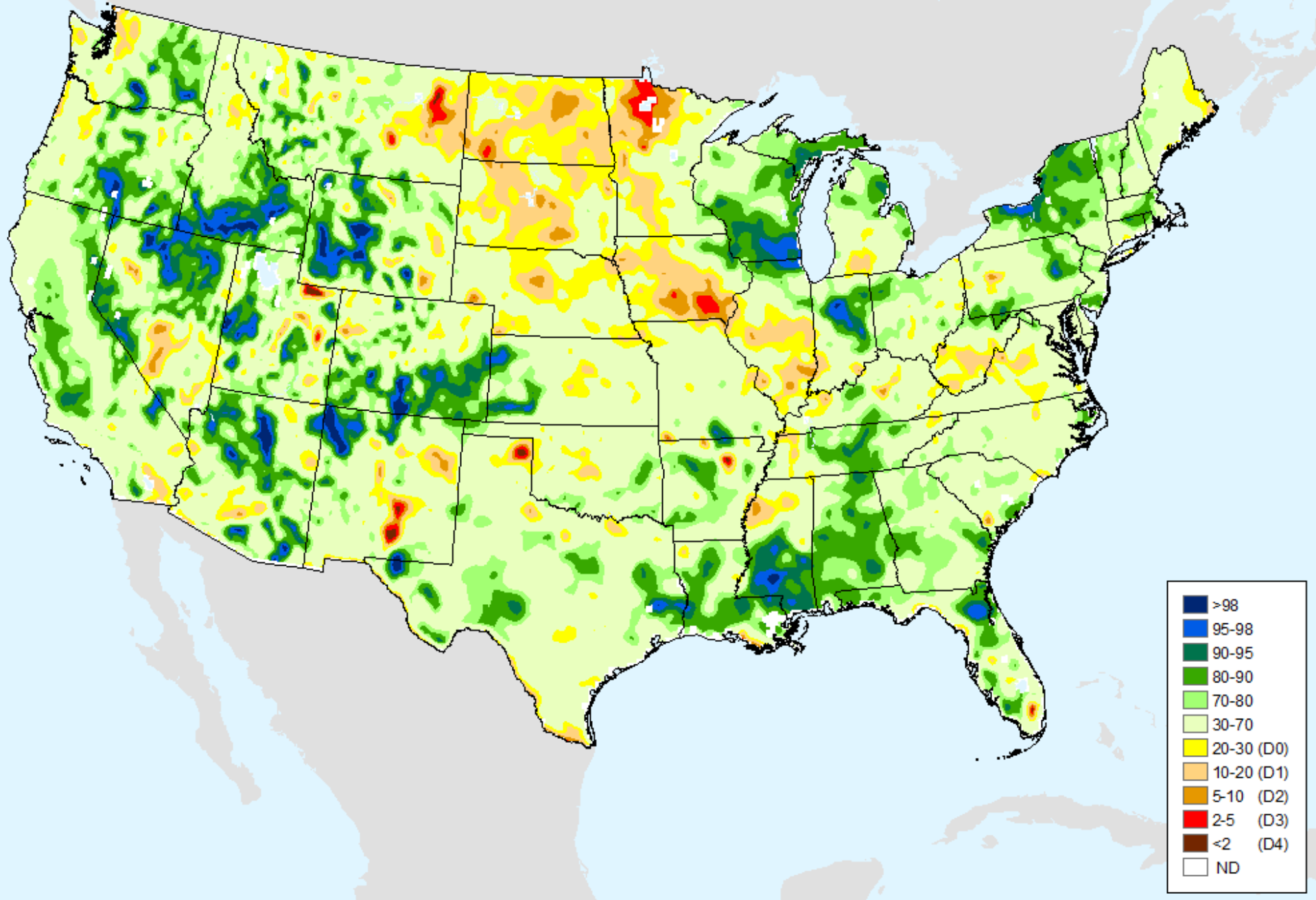


USDM for: Aug. 8, 2017



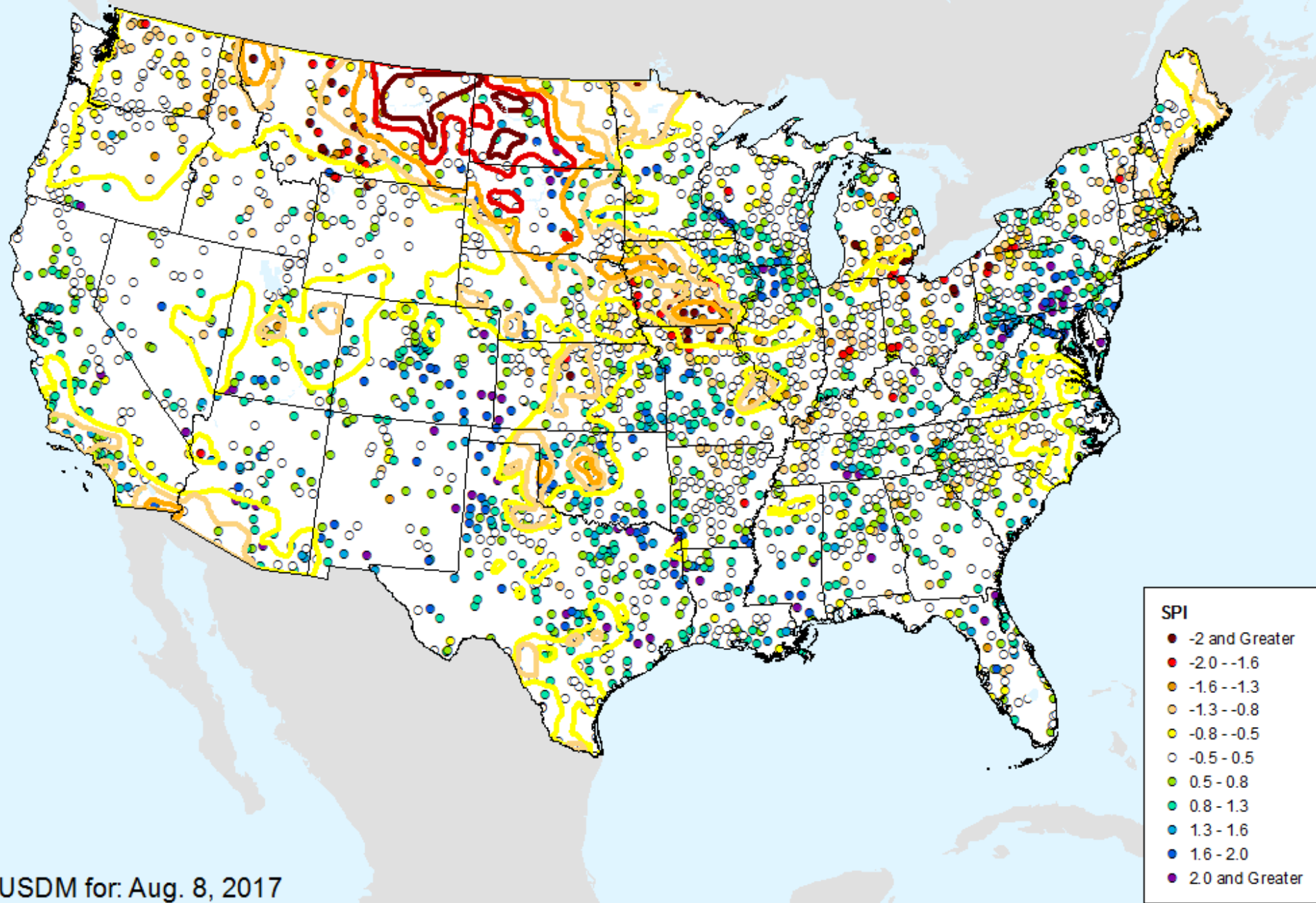
# NLDAS Total Column Soil Moisture

As of: Tuesday, August 15, 2017



# HPRCC 1-month SPI

As of: Tuesday, August 15, 2017

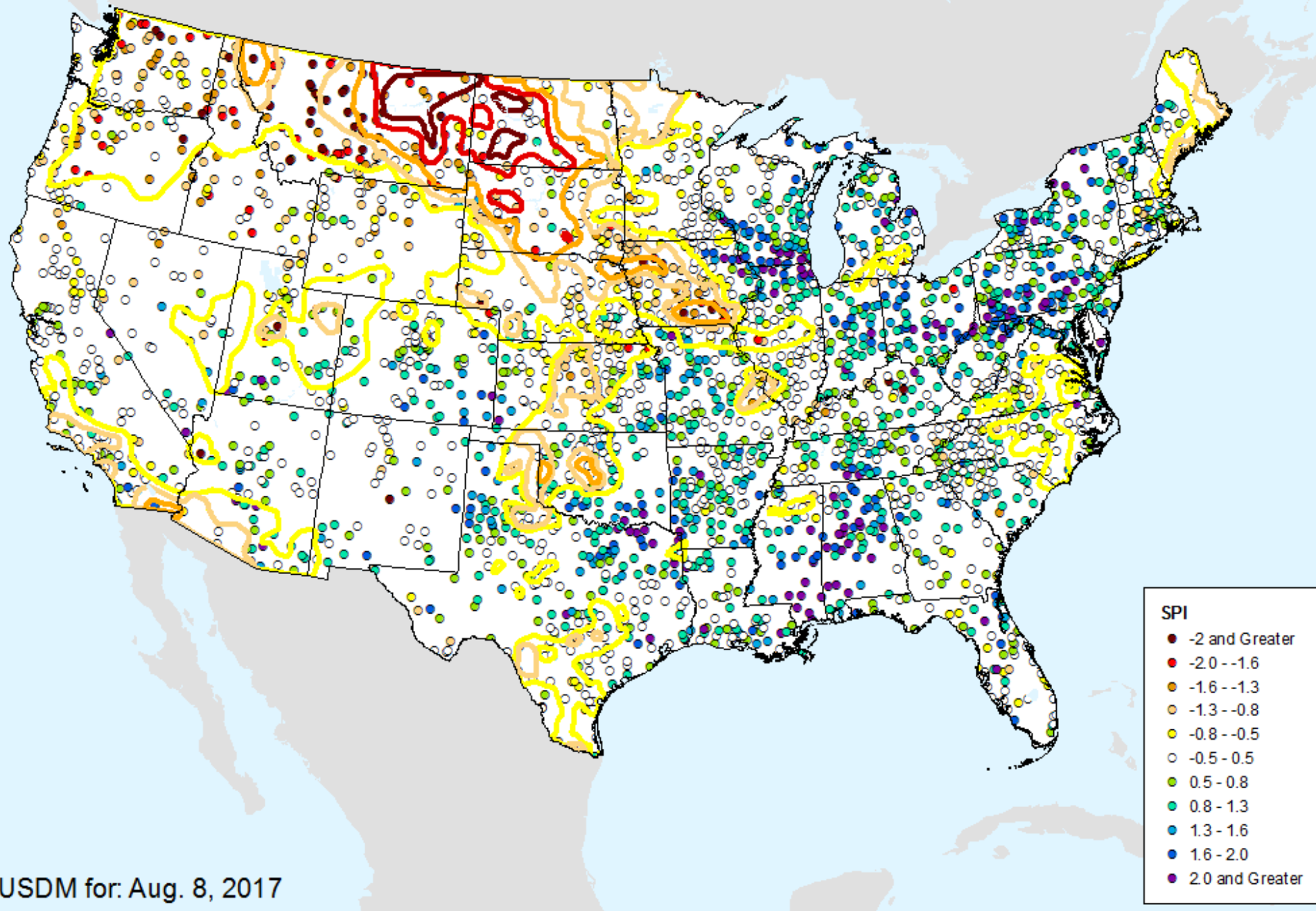


USDM for: Aug. 8, 2017



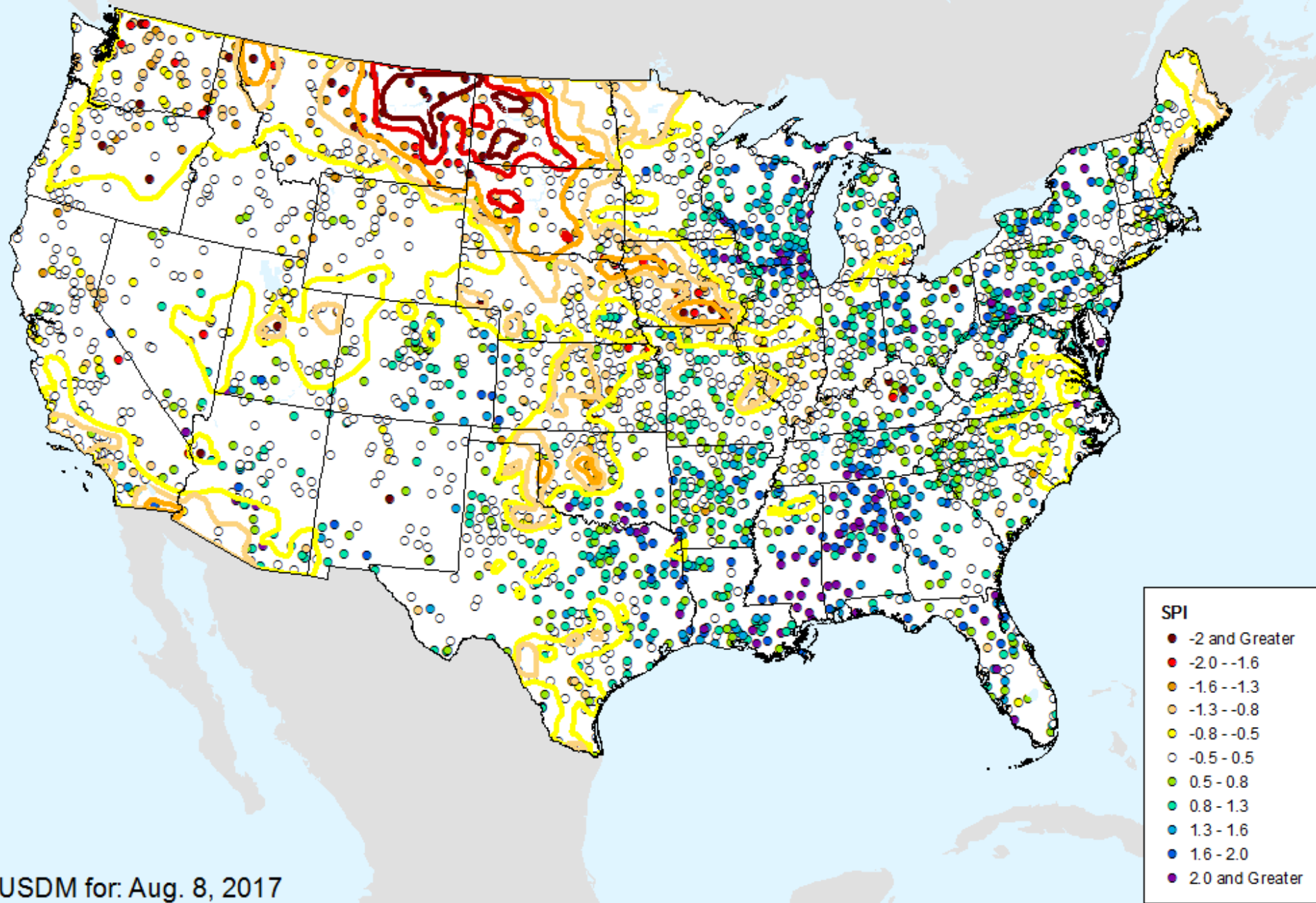
# HPRCC 2-month SPI

As of: Tuesday, August 15, 2017



# HPRCC 3-month SPI

As of: Tuesday, August 15, 2017

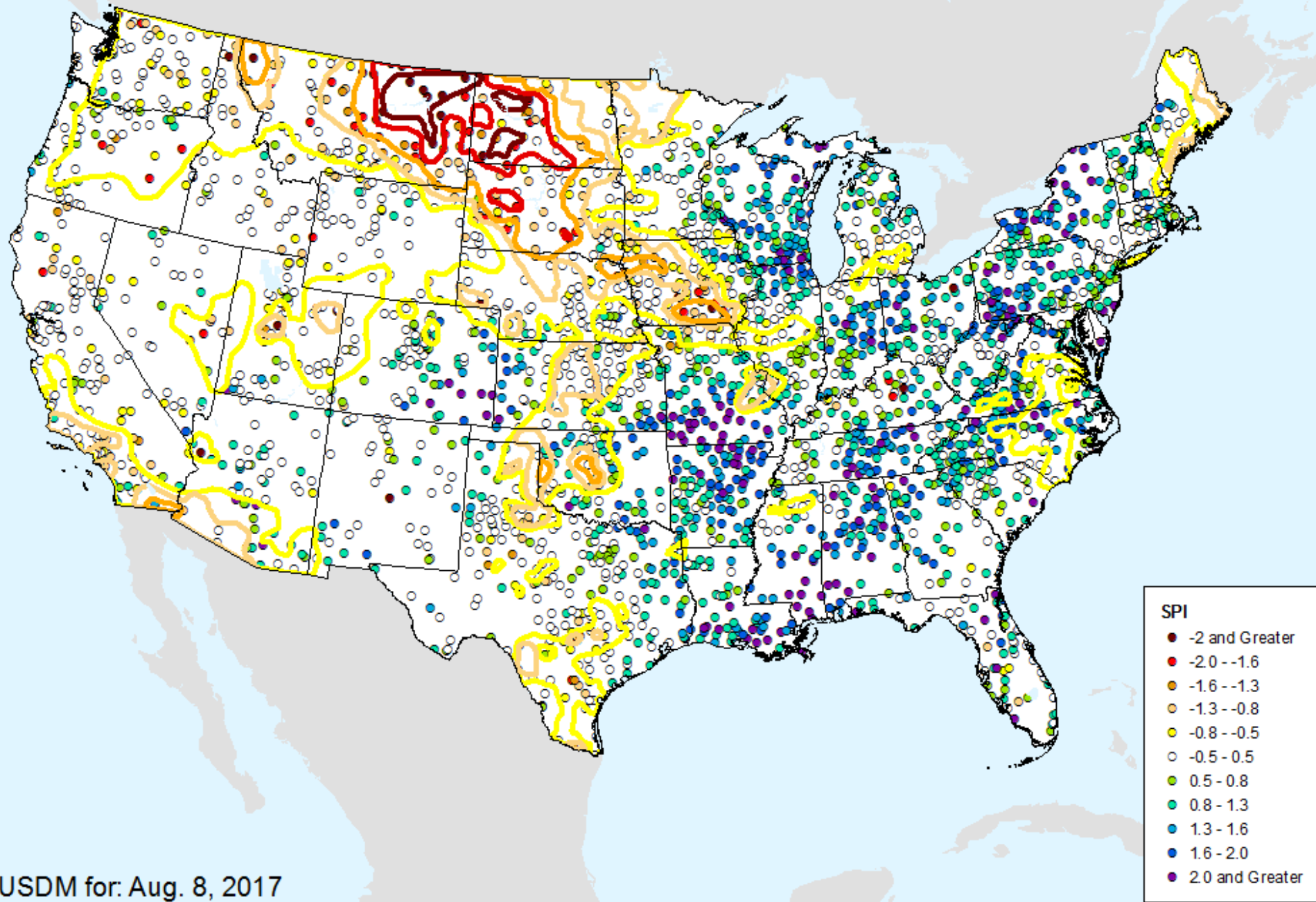


USDM for: Aug. 8, 2017



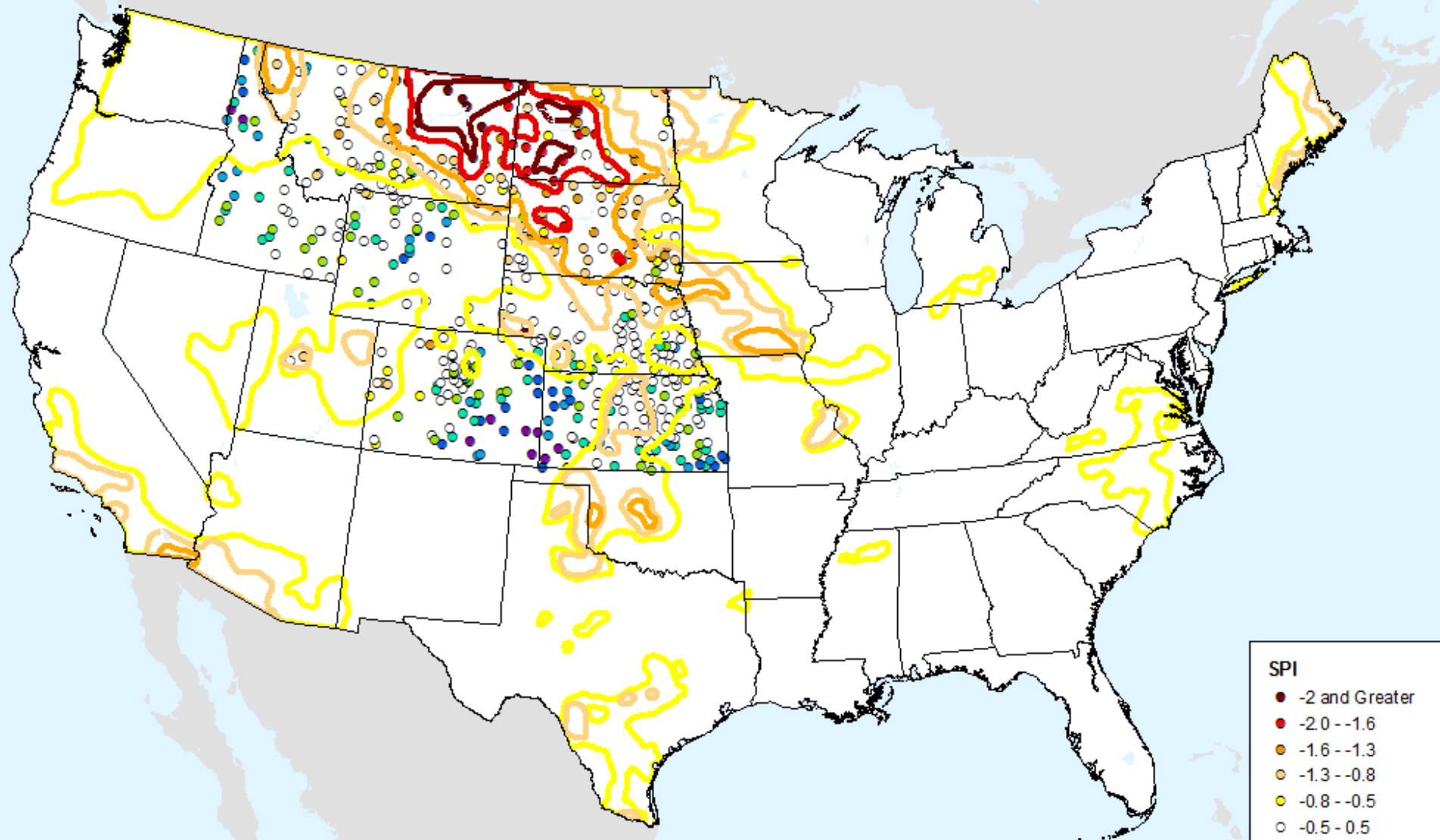
# HPRCC 4-month SPI

As of: Tuesday, August 15, 2017



# HPRCC 6-month SPI

As of: Tuesday, August 15, 2017

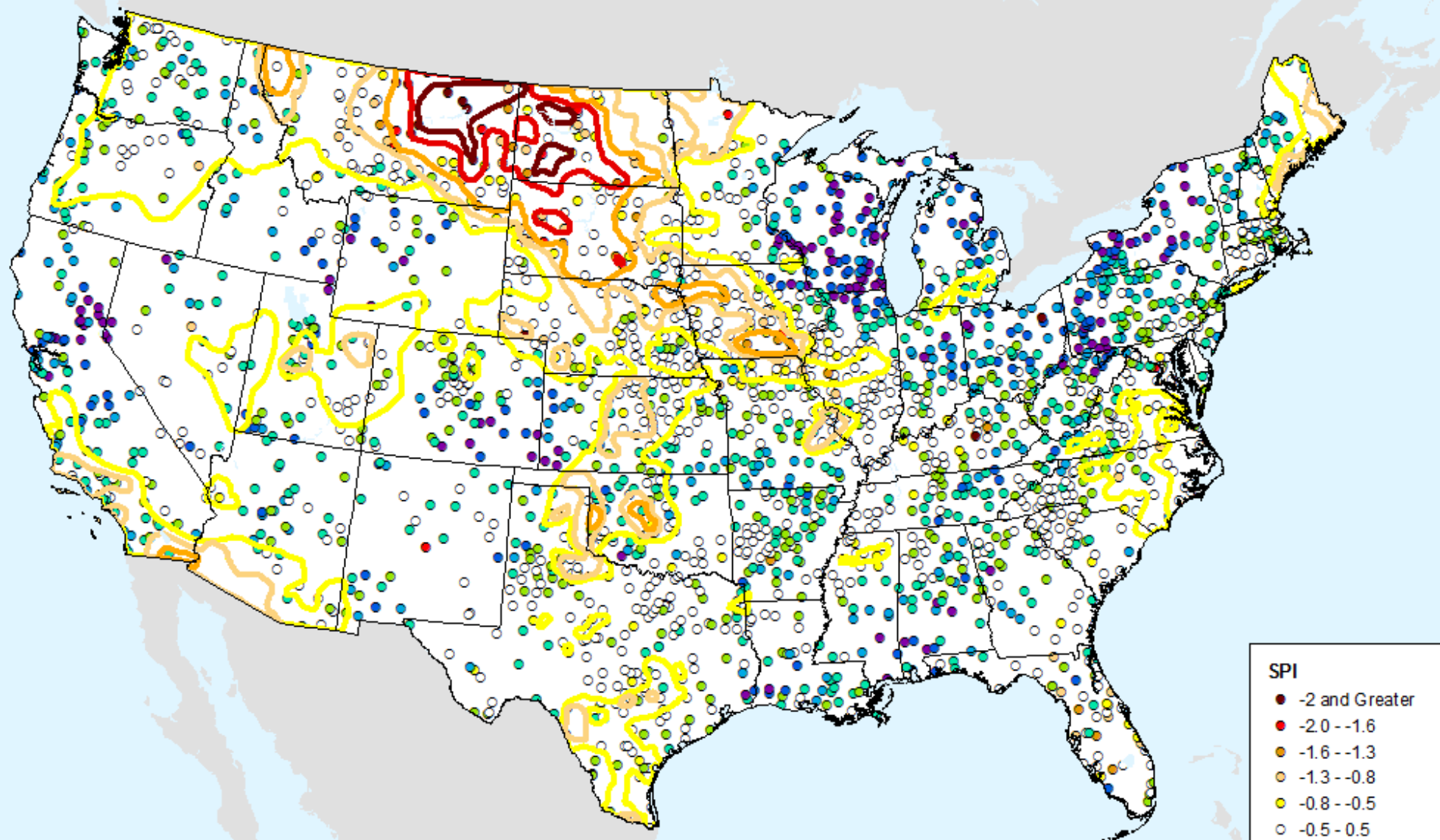


USDM for: Aug. 8, 2017



# HPRCC 9-month SPI

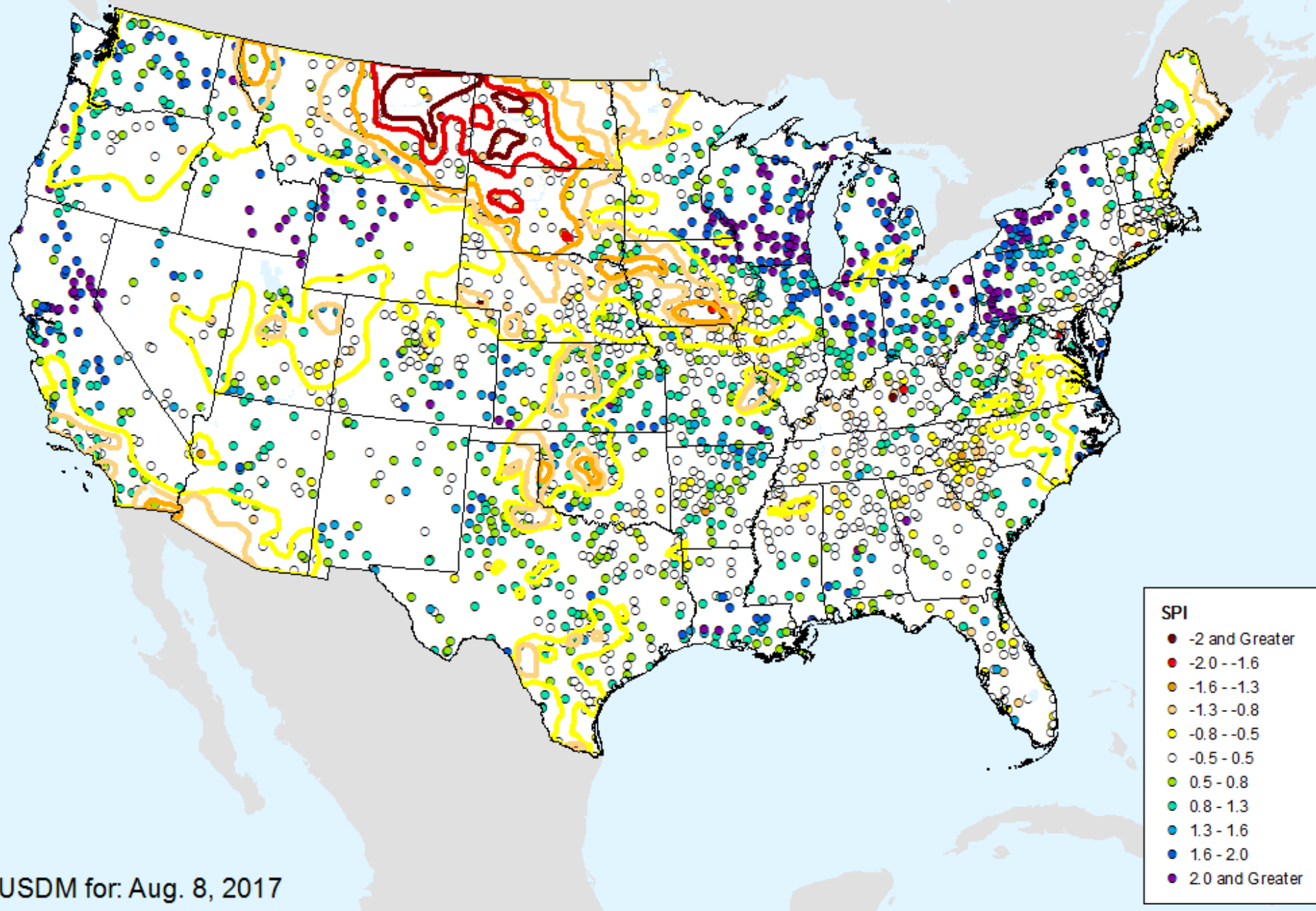
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# HPRCC 12-month SPI

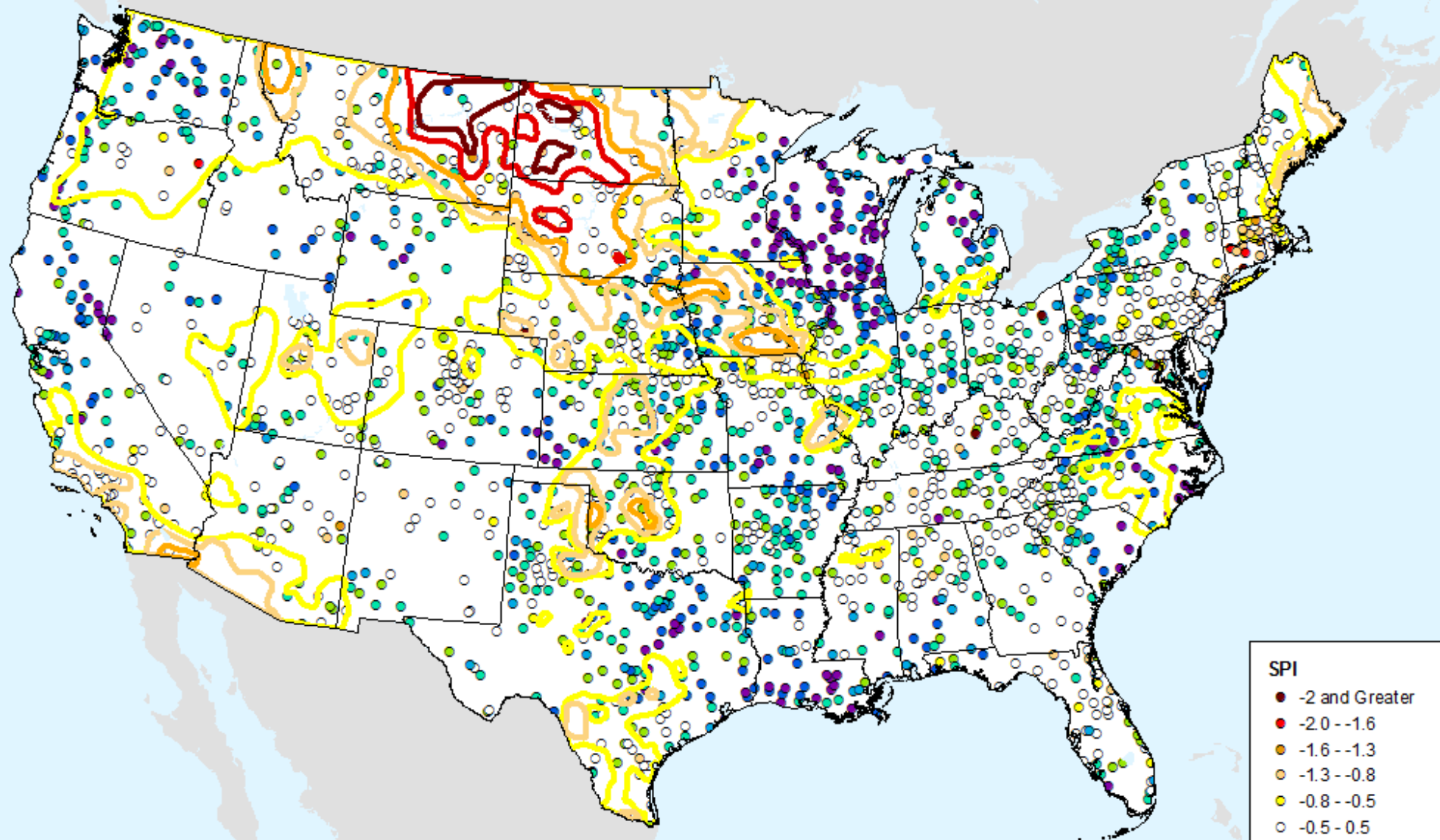
As of: Tuesday, August 15, 2017





# HPRCC 24-month SPI

As of: Tuesday, August 15, 2017

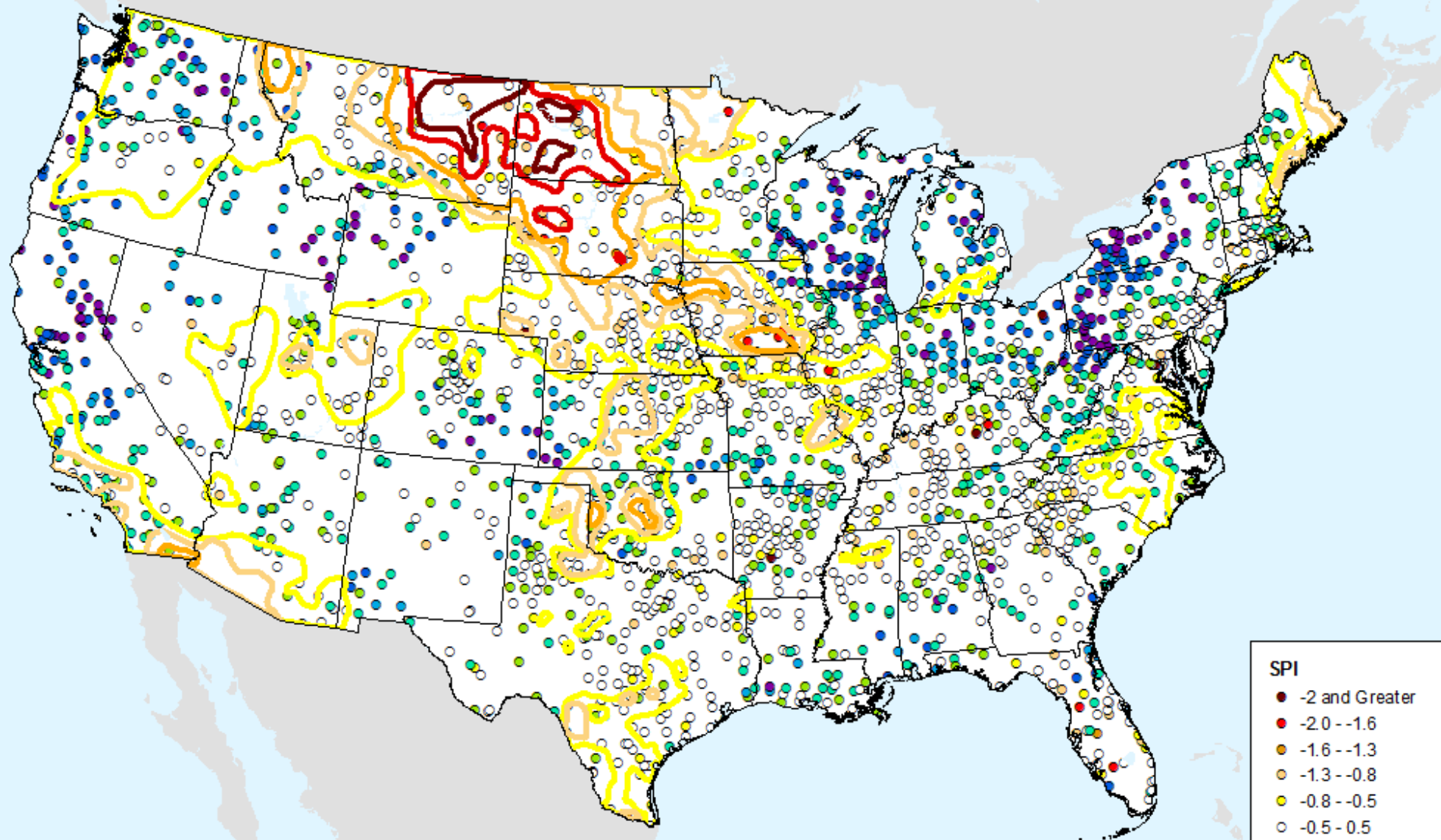


- SPI**
- -2 and Greater
  - -2.0 -- -1.6
  - -1.6 -- -1.3
  - -1.3 -- -0.8
  - -0.8 -- -0.5
  - -0.5 - 0.5
  - 0.5 - 0.8
  - 0.8 - 1.3
  - 1.3 - 1.6
  - 1.6 - 2.0
  - 2.0 and Greater

USDM for: Aug. 8, 2017

# HPRCC Water Year-to-date SPI

As of: Tuesday, August 15, 2017



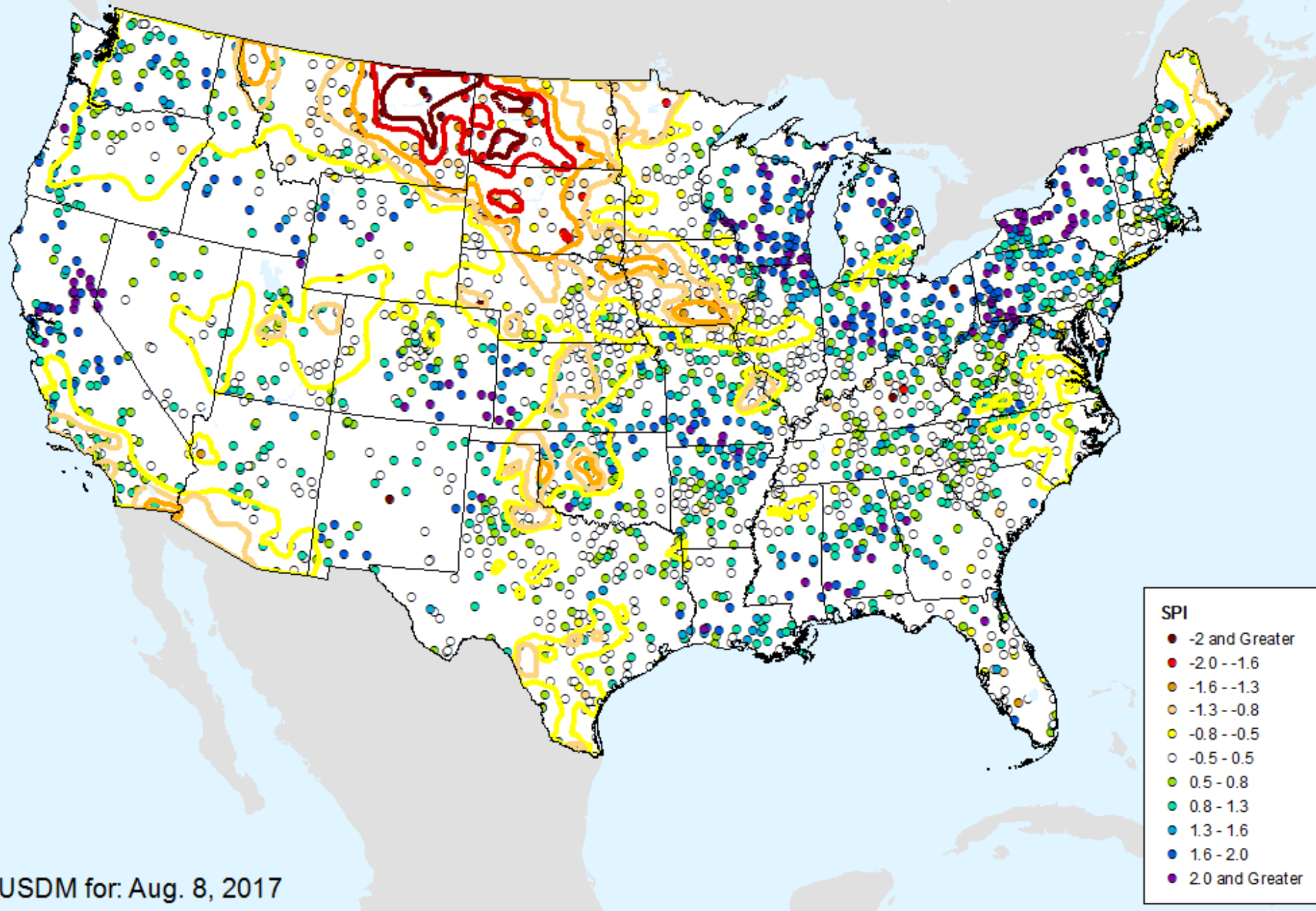
- SPI**
- -2 and Greater
  - -2.0 -- -1.6
  - -1.6 -- -1.3
  - -1.3 -- -0.8
  - -0.8 -- -0.5
  - -0.5 - 0.5
  - 0.5 - 0.8
  - 0.8 - 1.3
  - 1.3 - 1.6
  - 1.6 - 2.0
  - 2.0 and Greater

USDM for: Aug. 8, 2017



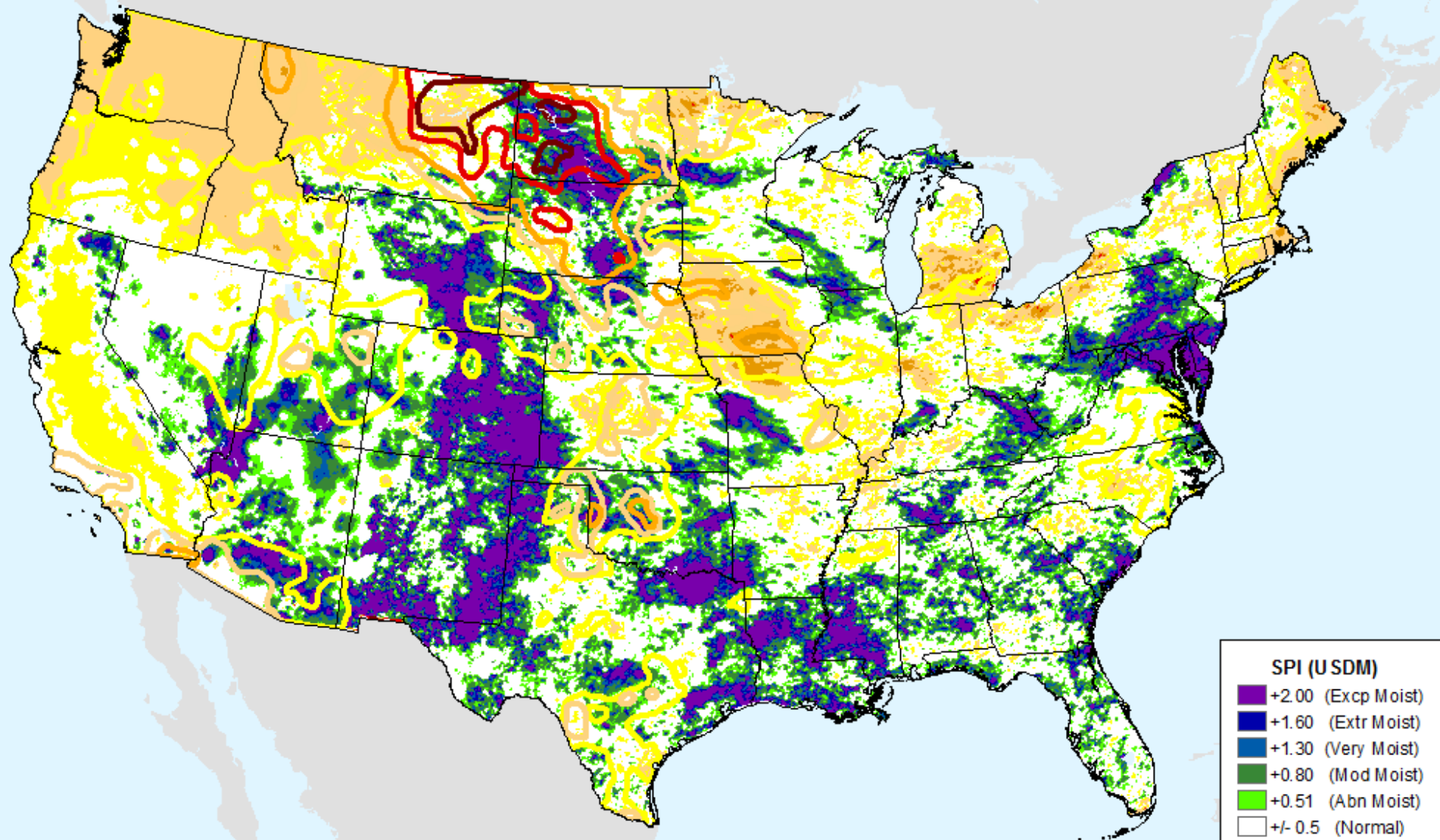
# HPRCC Year-to-date SPI

As of: Tuesday, August 15, 2017



# AHPS 1-month SPI

As of: Tuesday, August 15, 2017



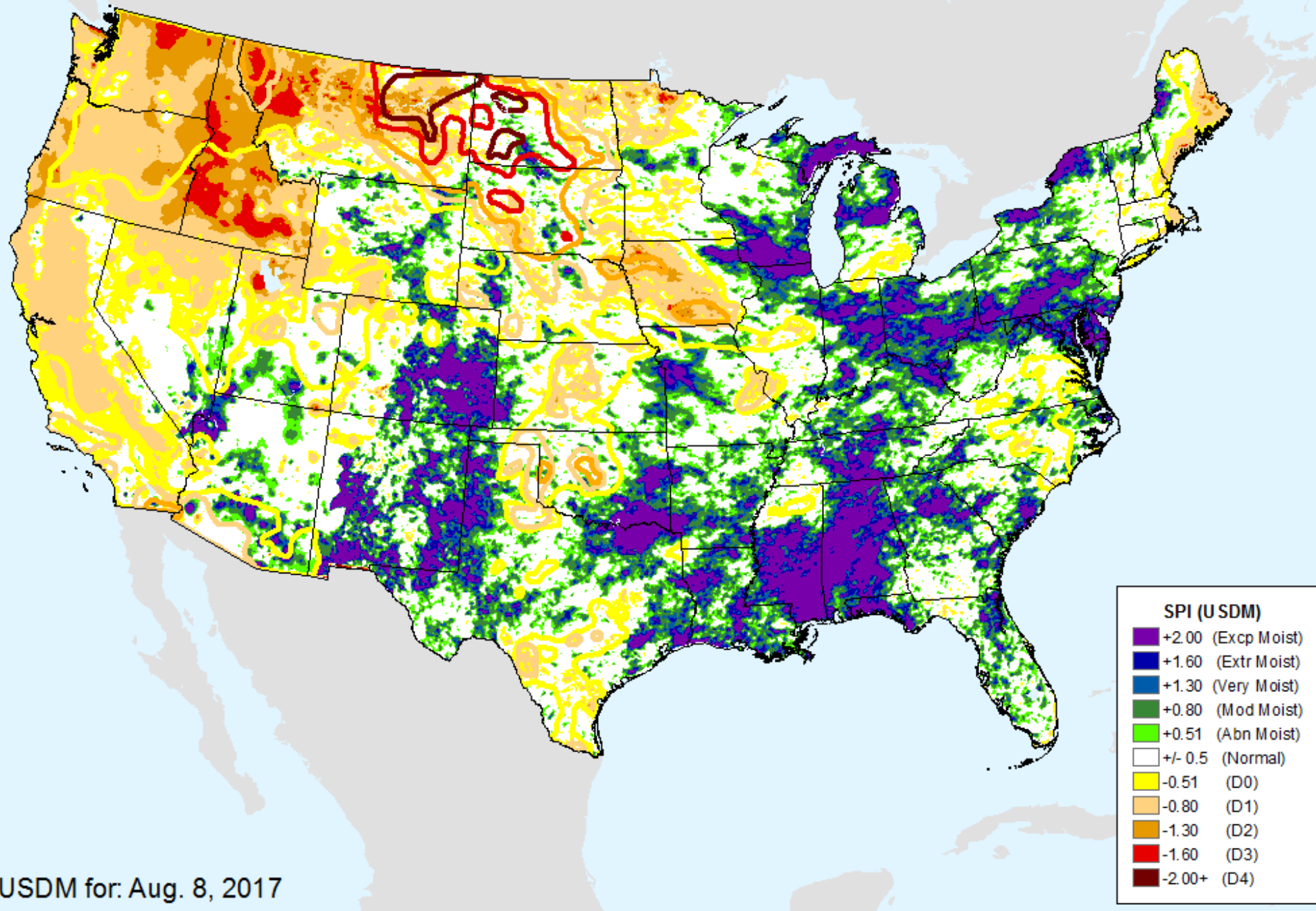
SPI (USDM)	
+	+2.00 (Excp Moist)
+	+1.60 (Extr Moist)
+	+1.30 (Very Moist)
+	+0.80 (Mod Moist)
+	+0.51 (Abn Moist)
±	+/- 0.5 (Normal)
-	-0.51 (D0)
-	-0.80 (D1)
-	-1.30 (D2)
-	-1.60 (D3)
-	-2.00+ (D4)

USDM for: Aug. 8, 2017



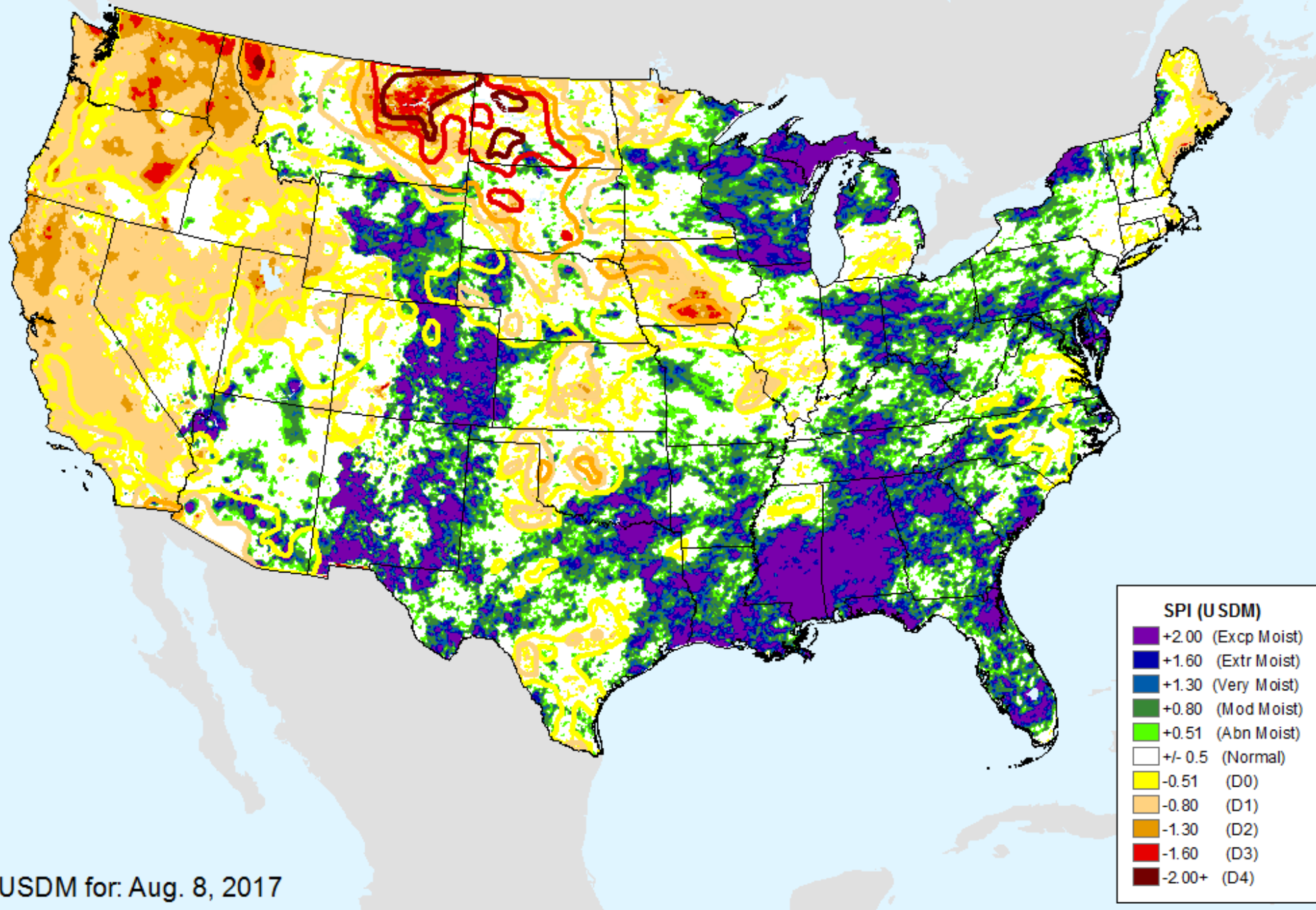
# AHPS 2-month SPI

As of: Tuesday, August 15, 2017



# AHPS 3-month SPI

As of: Tuesday, August 15, 2017

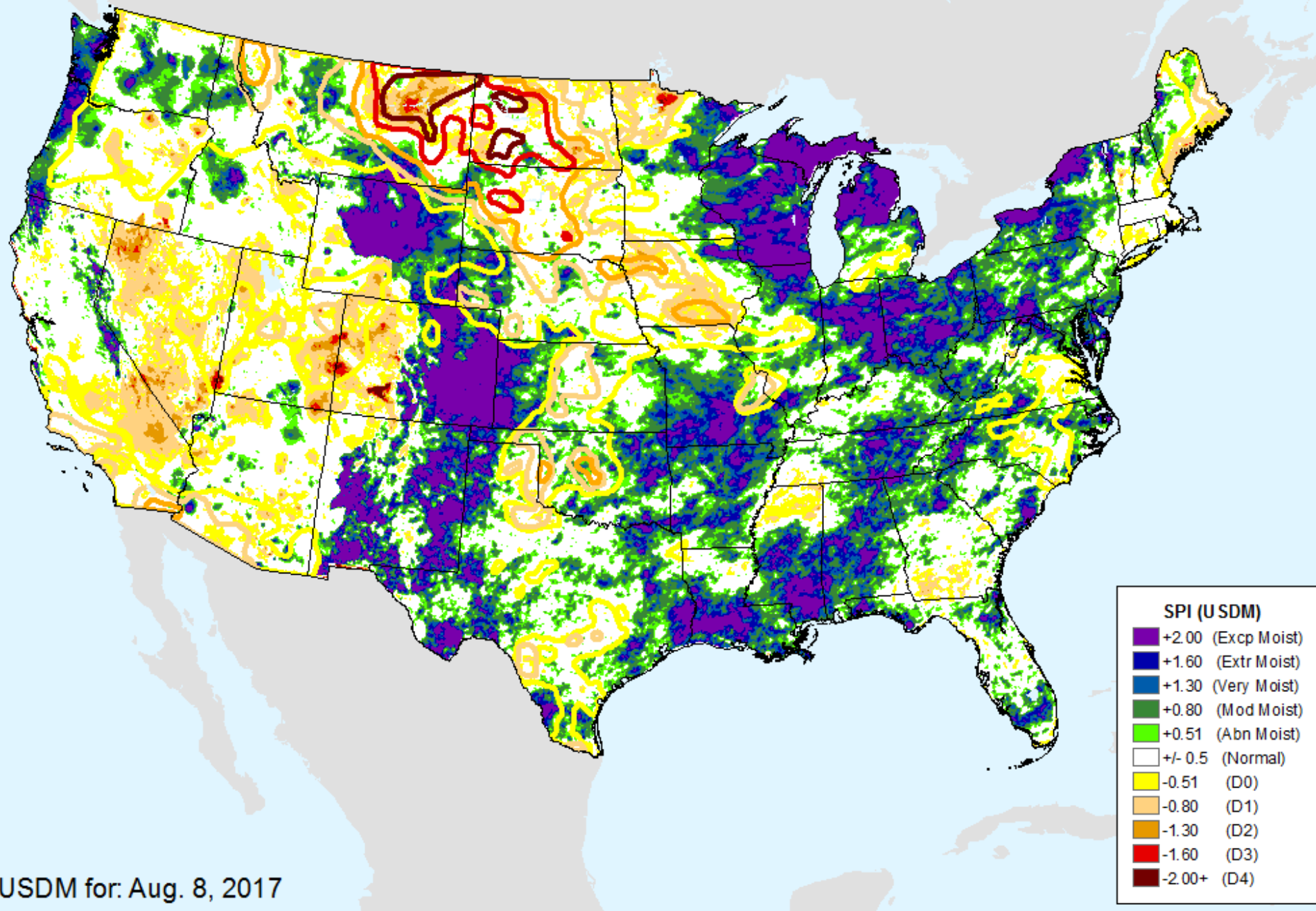


USDM for: Aug. 8, 2017



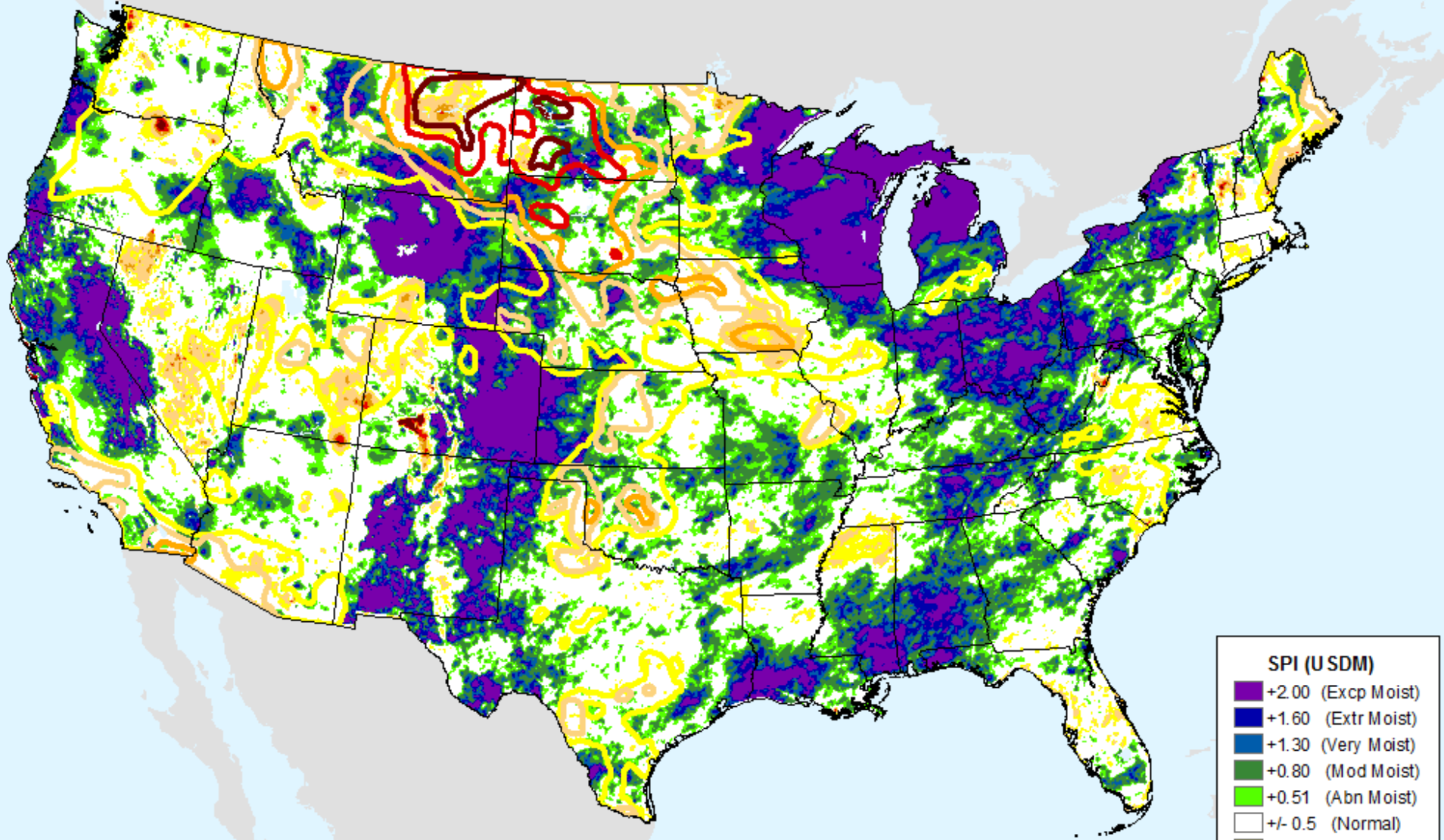
# AHPS 6-month SPI

As of: Tuesday, August 15, 2017



# AHPS 9-month SPI

As of: Tuesday, August 15, 2017



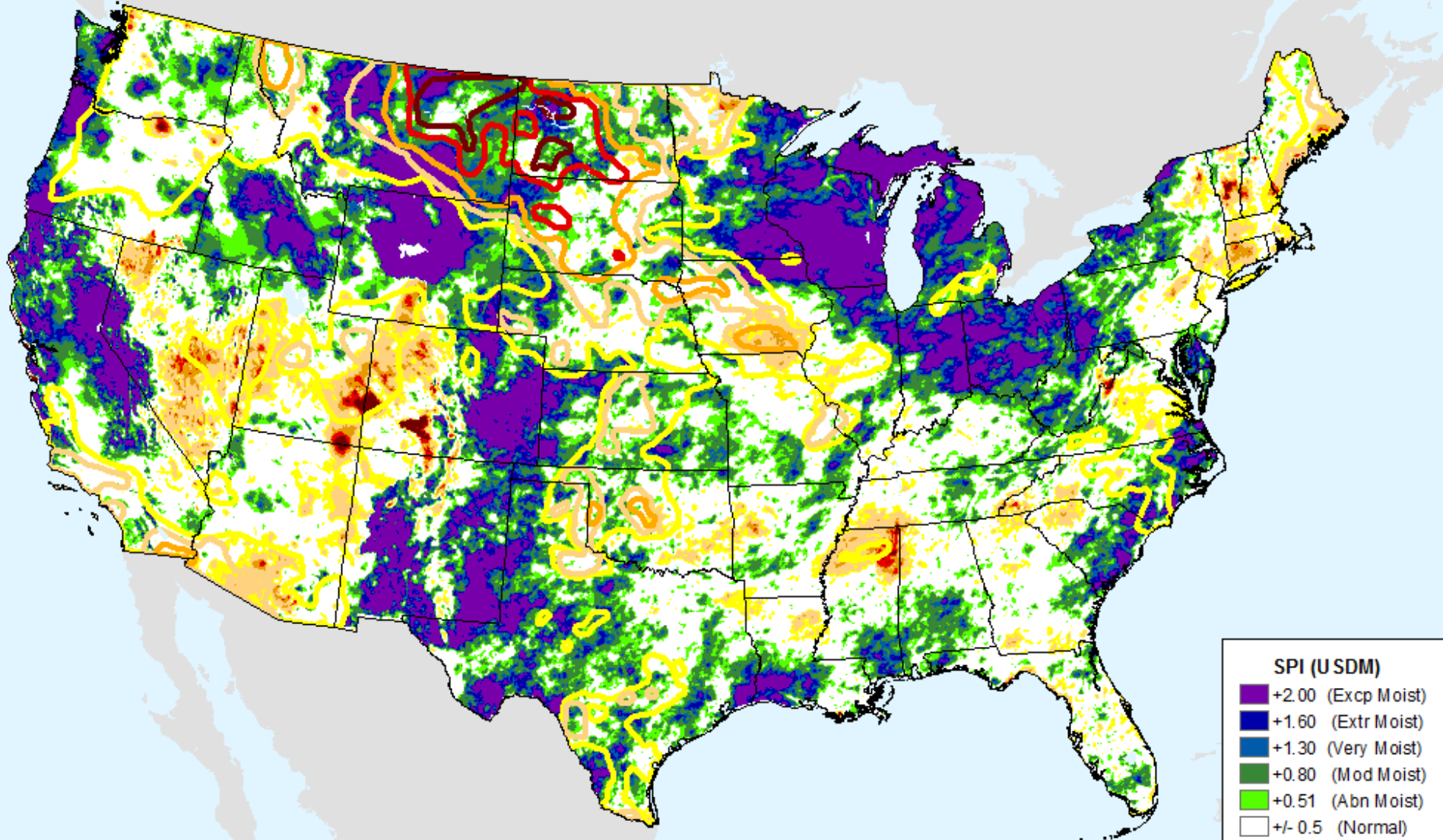
SPI (USDM)	
+	+2.00 (Excp Moist)
+	+1.60 (Extr Moist)
+	+1.30 (Very Moist)
+	+0.80 (Mod Moist)
+	+0.51 (Abn Moist)
±	+/- 0.5 (Normal)
-	-0.51 (D0)
-	-0.80 (D1)
-	-1.30 (D2)
-	-1.60 (D3)
-	-2.00+ (D4)

USDM for: Aug. 8, 2017



# AHPS 12-month SPI

As of: Tuesday, August 15, 2017

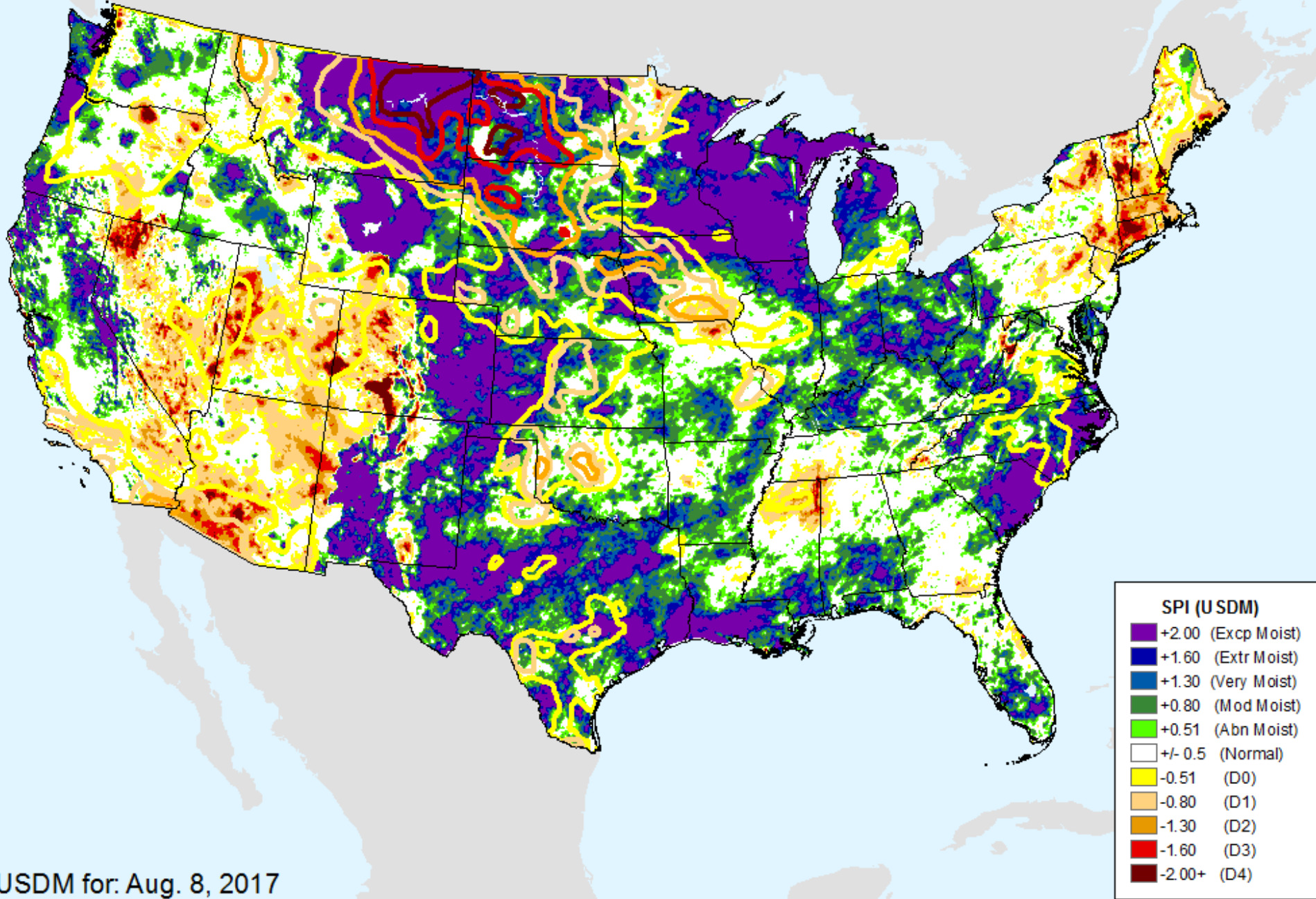


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Dark Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Dark Orange	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 8, 2017

# AHPS 24-month SPI

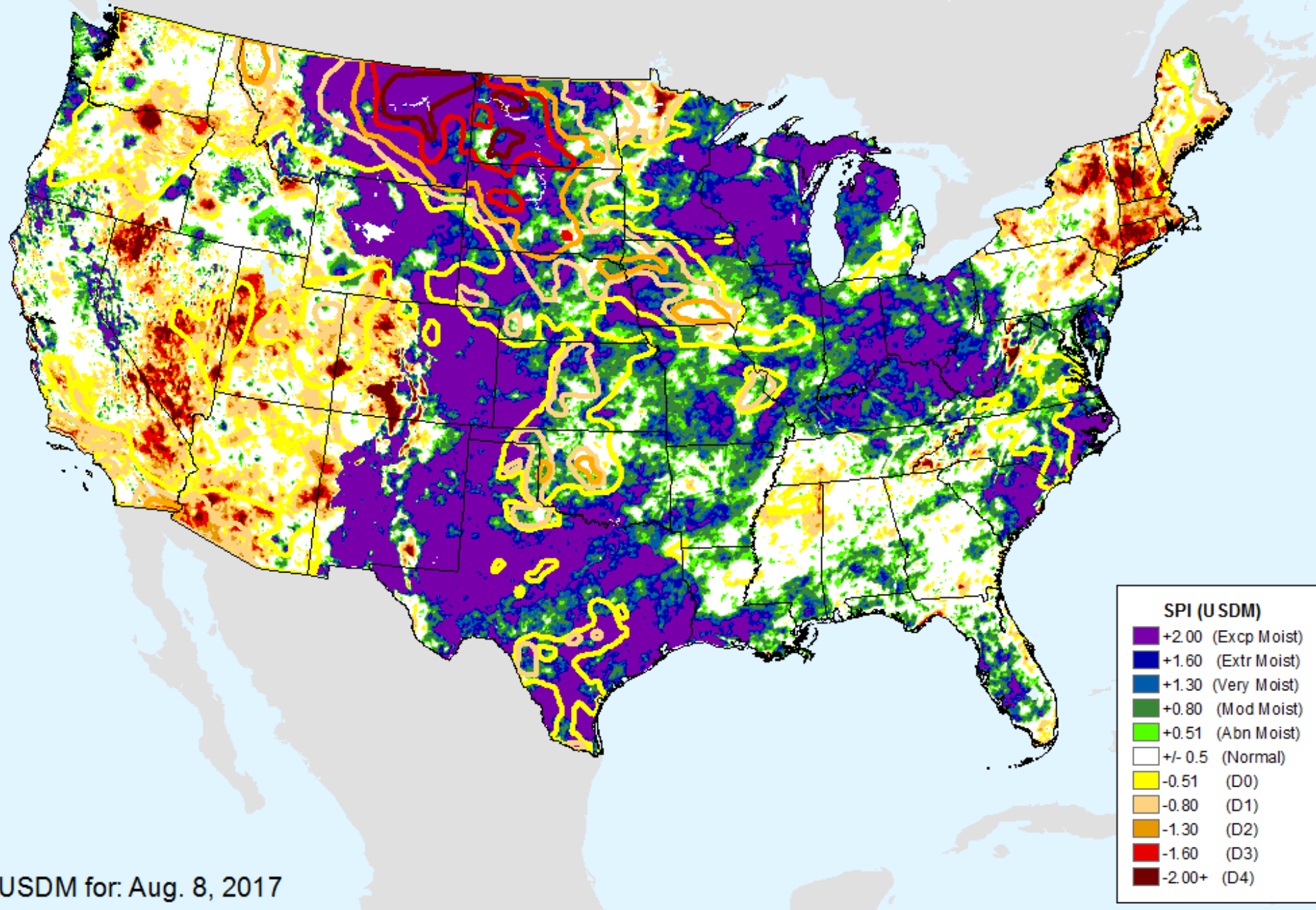
As of: Tuesday, August 15, 2017





# AHPS 36-month SPI

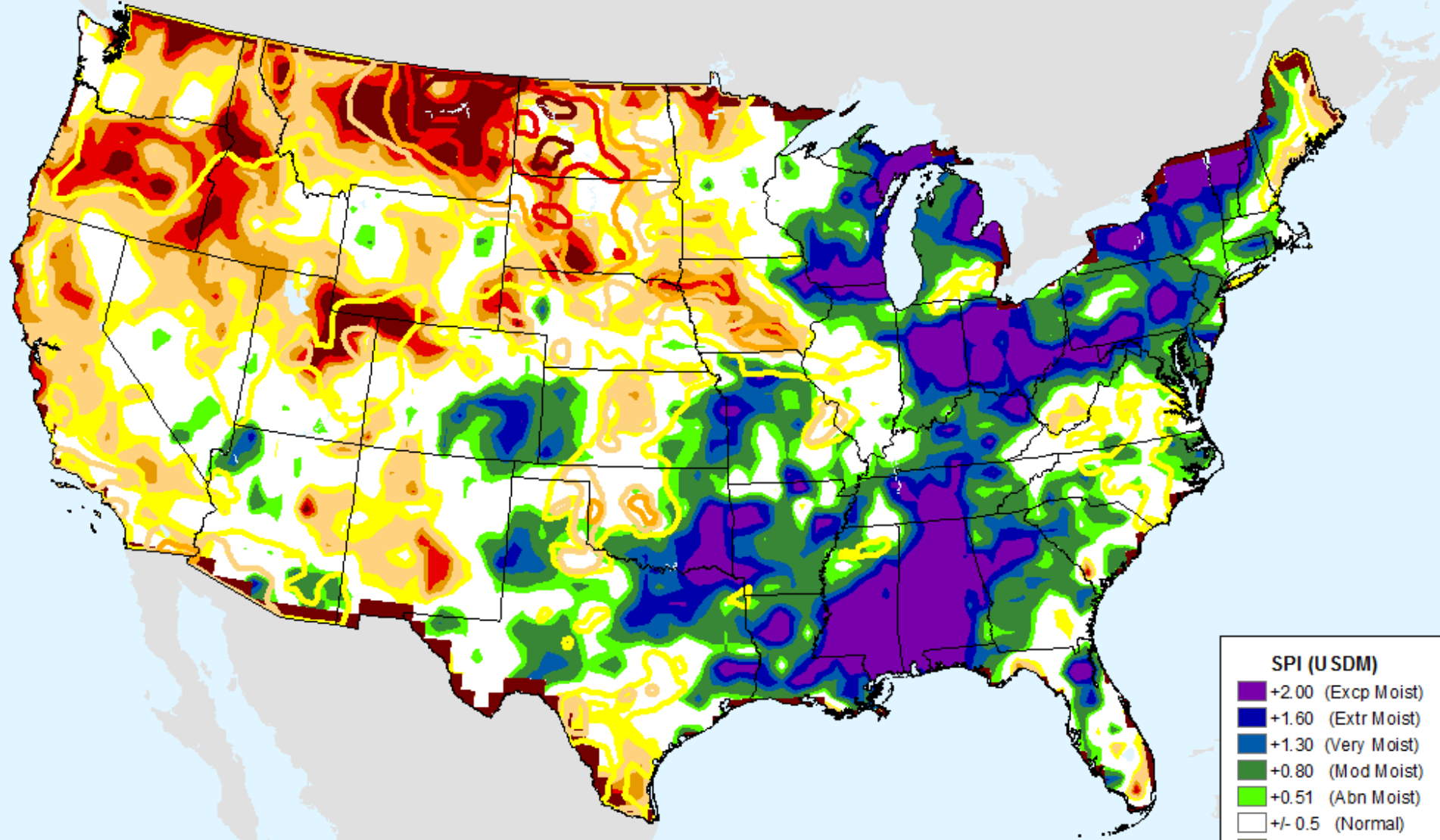
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# CPC 3-month SPI

As of: Tuesday, August 15, 2017



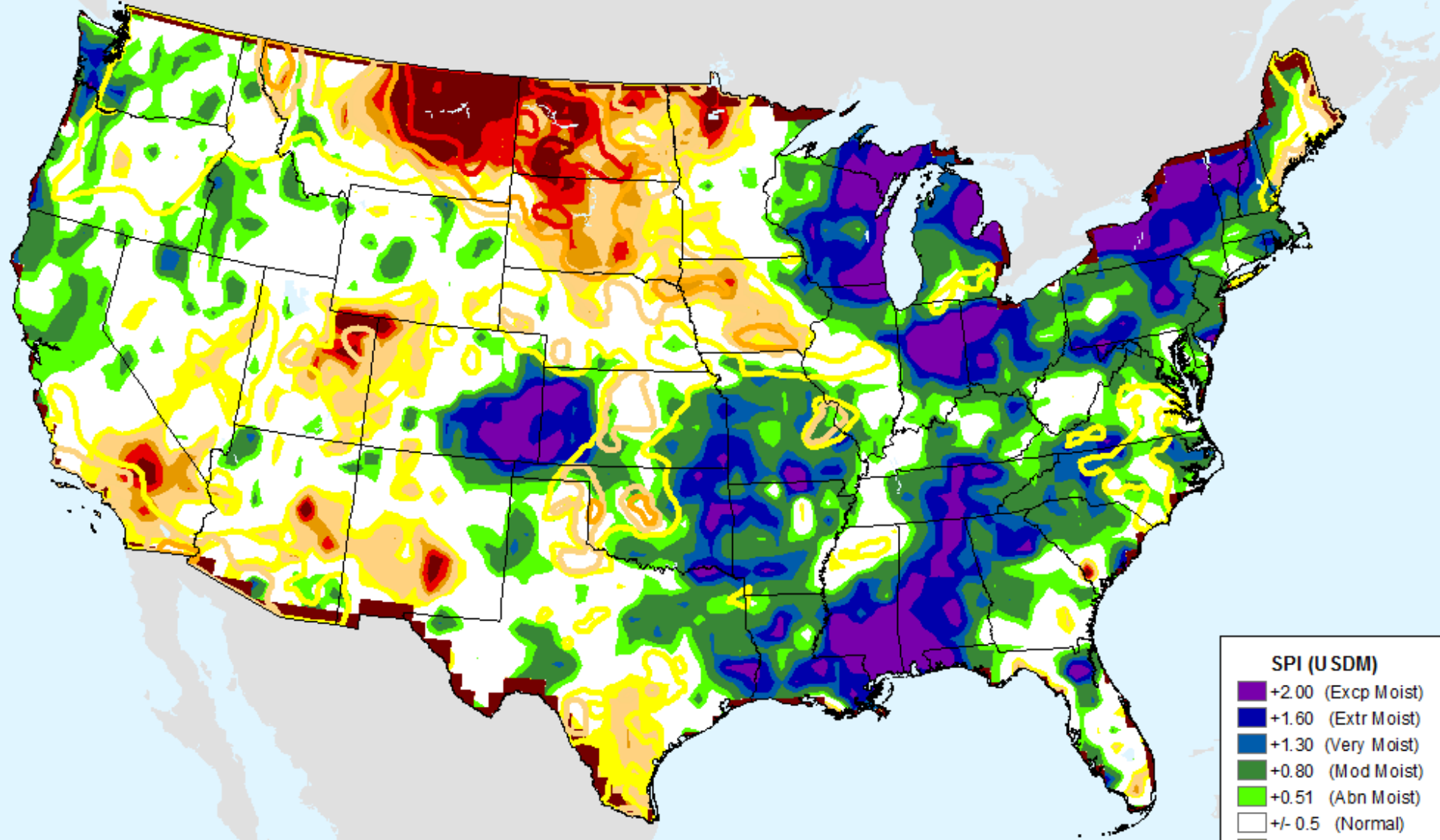
SPI (USDM)	
+	+2.00 (Excp Moist)
+	+1.60 (Extr Moist)
+	+1.30 (Very Moist)
+	+0.80 (Mod Moist)
+	+0.51 (Abn Moist)
±	+/- 0.5 (Normal)
-	-0.51 (D0)
-	-0.80 (D1)
-	-1.30 (D2)
-	-1.60 (D3)
-	-2.00+ (D4)

USDM for: Aug. 8, 2017



# CPC 6-month SPI

As of: Tuesday, August 15, 2017

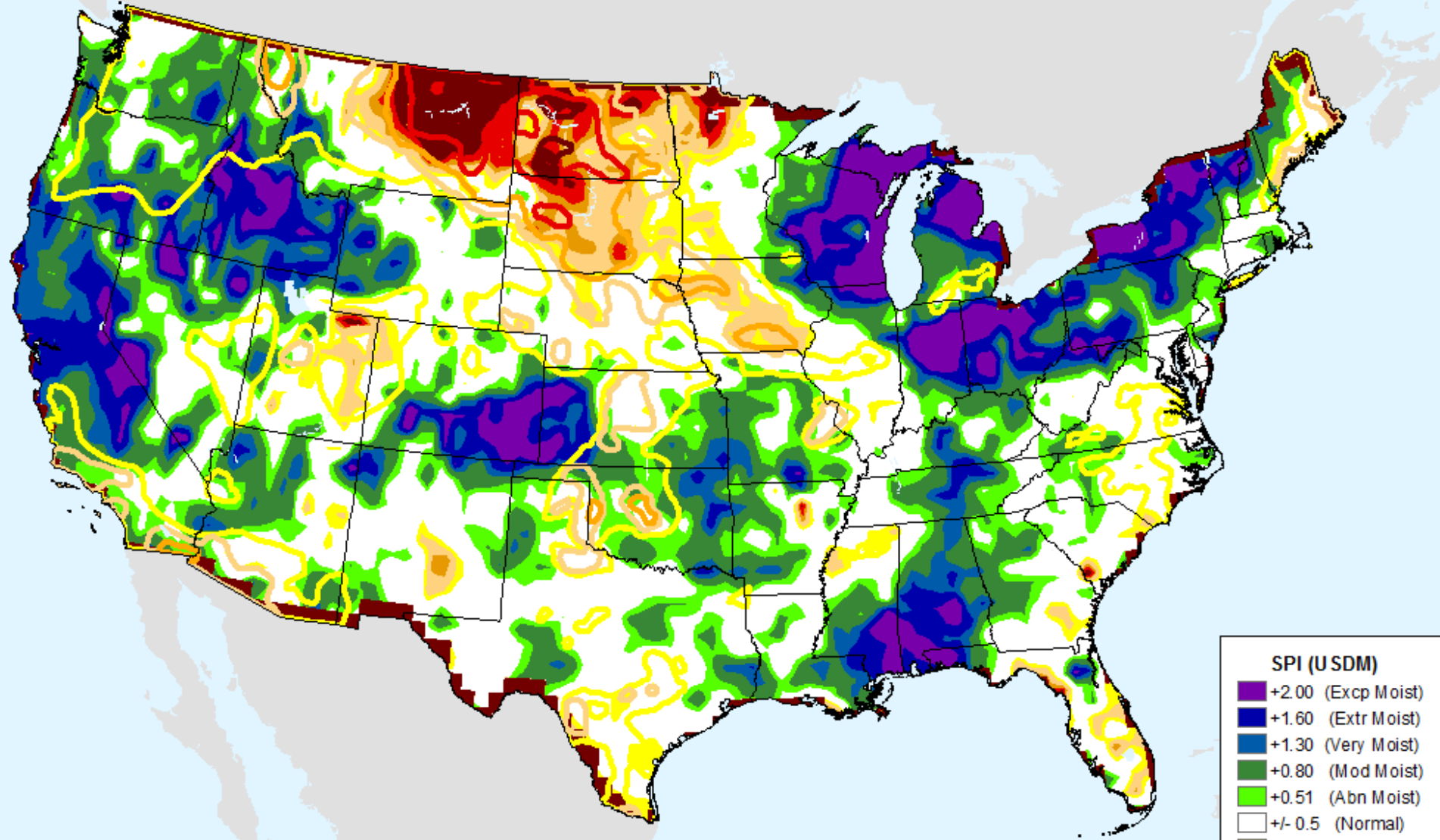


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 8, 2017

# CPC 9-month SPI

As of: Tuesday, August 15, 2017



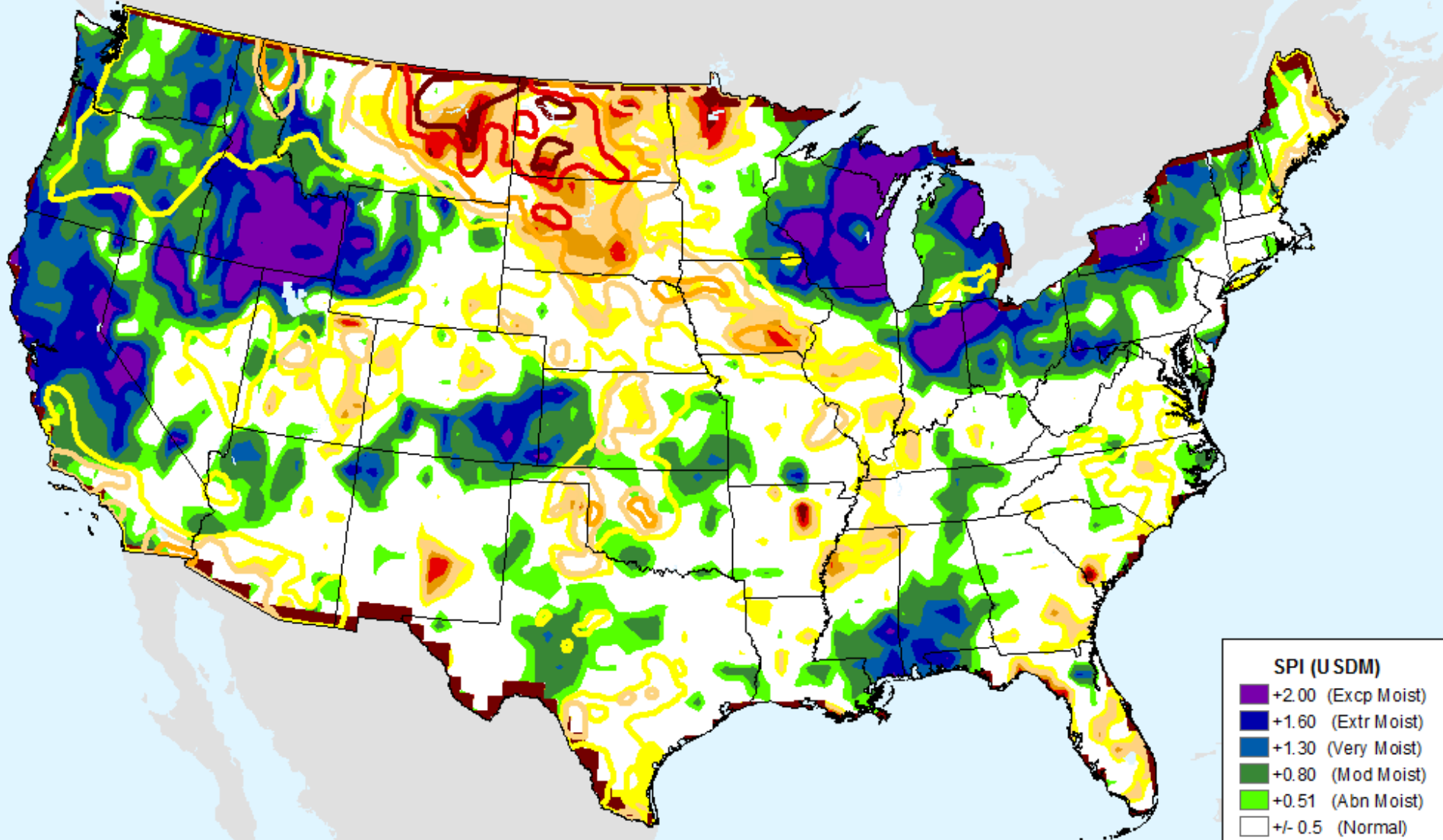
SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 8, 2017



# CPC 12-month SPI

As of: Tuesday, August 15, 2017

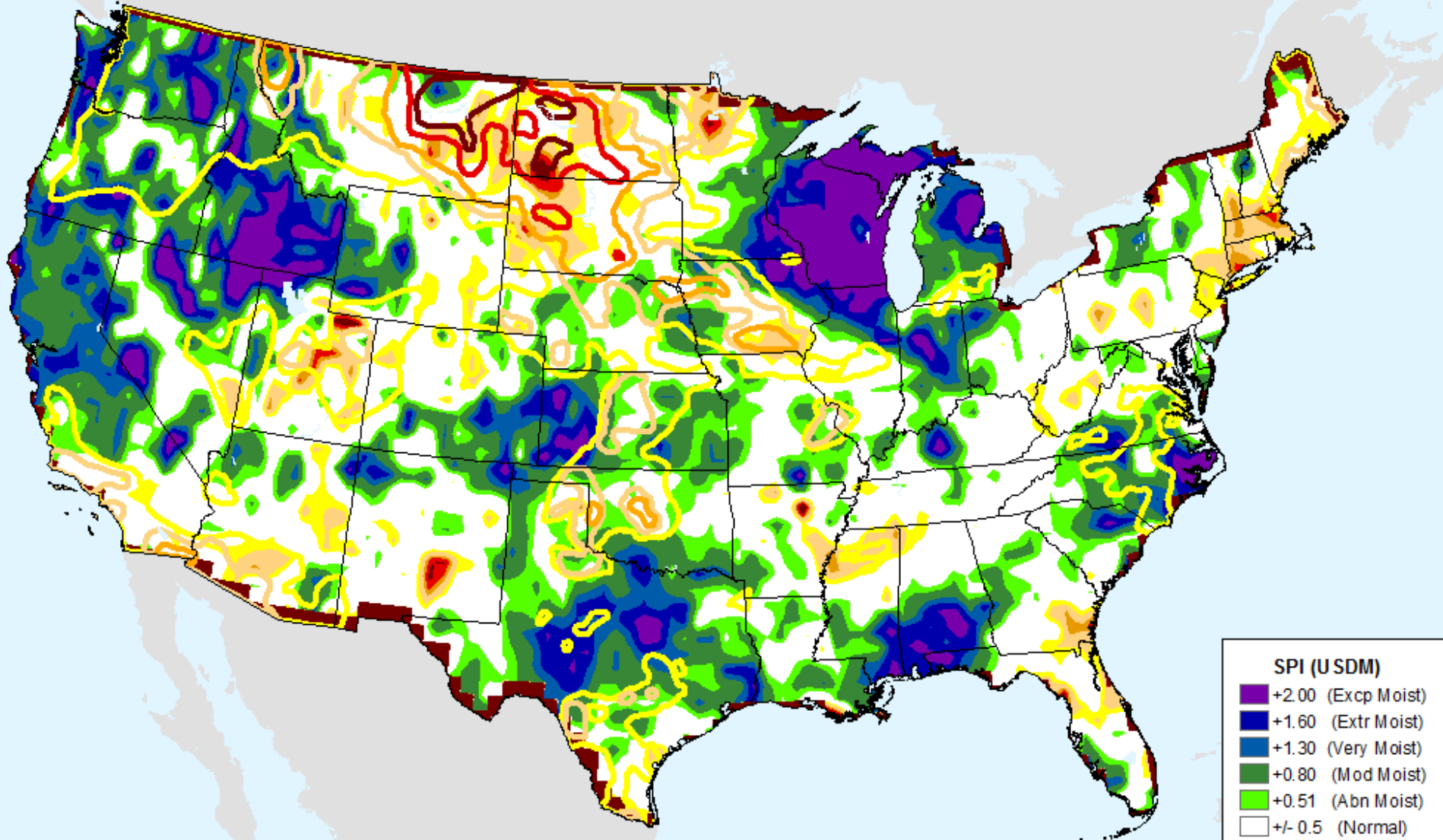


SPI (USDM)	
+	+2.00 (Excp Moist)
+	+1.60 (Extr Moist)
+	+1.30 (Very Moist)
+	+0.80 (Mod Moist)
+	+0.51 (Abn Moist)
±	+/- 0.5 (Normal)
-	-0.51 (D0)
-	-0.80 (D1)
-	-1.30 (D2)
-	-1.60 (D3)
-	-2.00+ (D4)

USDM for: Aug. 8, 2017

# CPC 24-month SPI

As of: Tuesday, August 15, 2017



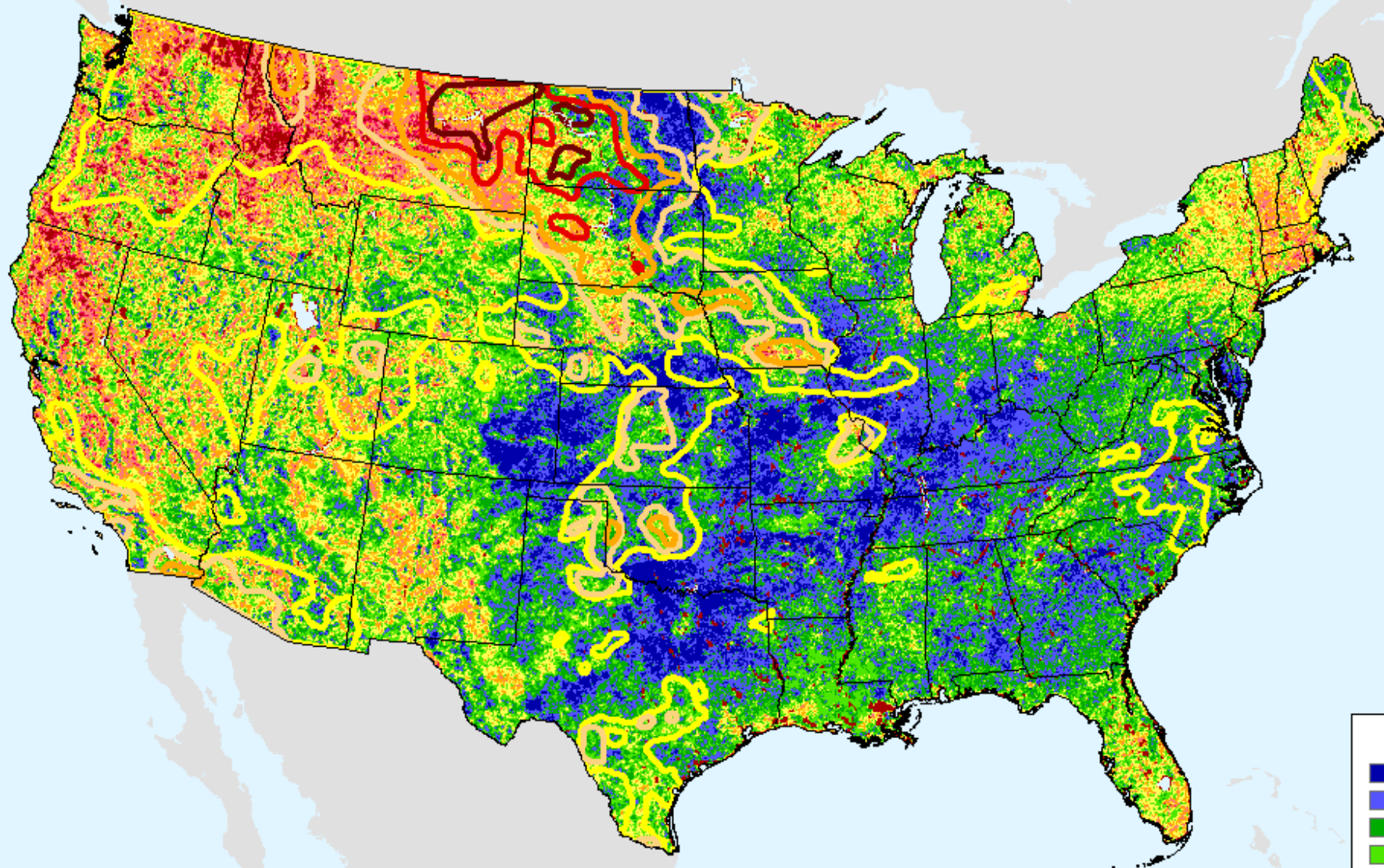
SPI (USDM)	
+	+2.00 (Excp Moist)
+	+1.60 (Extr Moist)
+	+1.30 (Very Moist)
+	+0.80 (Mod Moist)
+	+0.51 (Abn Moist)
±	+/- 0.5 (Normal)
-	-0.51 (D0)
-	-0.80 (D1)
-	-1.30 (D2)
-	-1.60 (D3)
-	-2.00+ (D4)

USDM for: Aug. 8, 2017



# Vegetation Health Index

As of: Tuesday, August 15, 2017

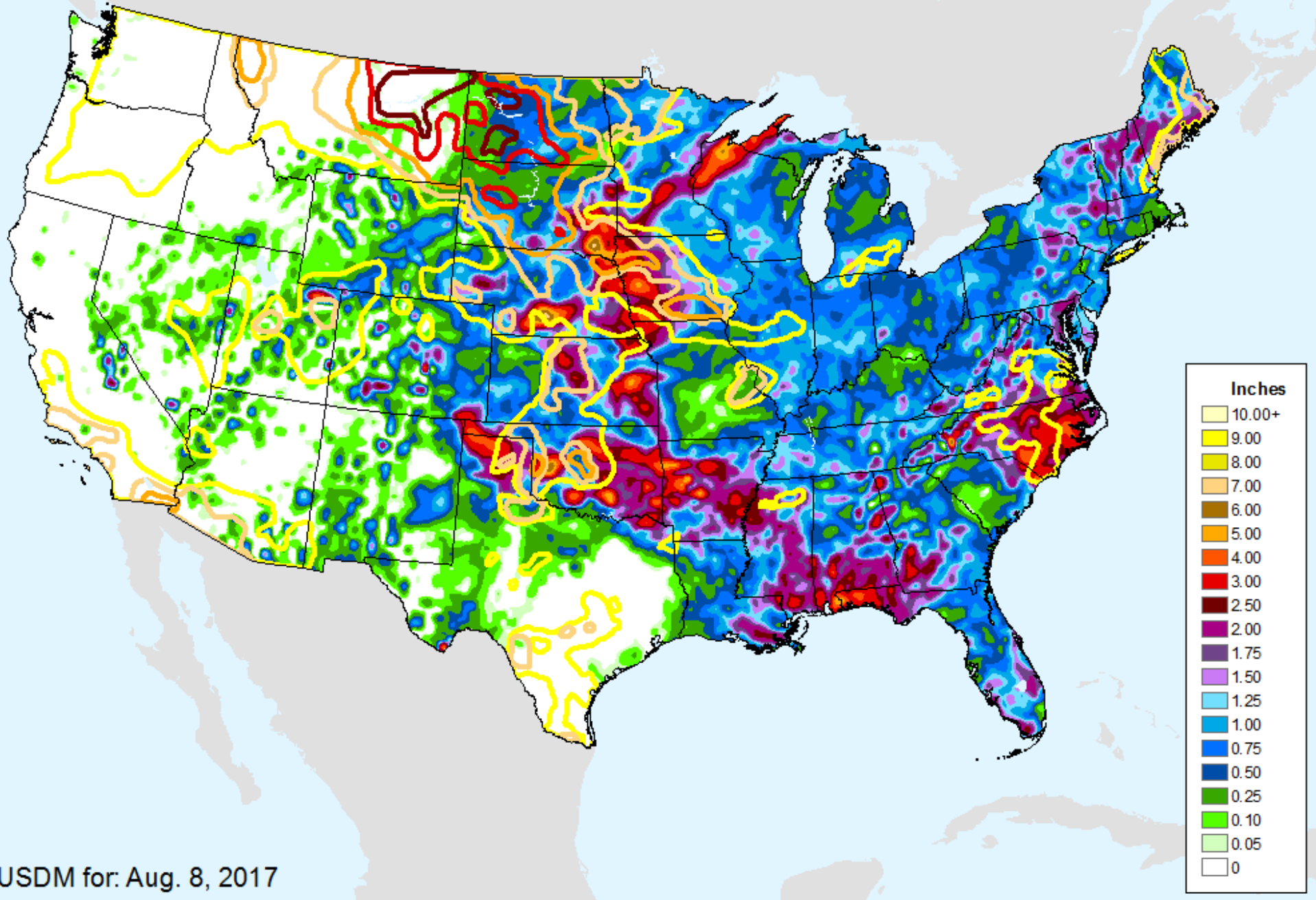


VHI	
85 - 100	Dark Blue
73 - 84	Blue
61 - 72	Green
49 - 60	Light Green
37 - 48	Yellow
25 - 36	Orange
13 - 24	Red
7 - 12	Dark Red
1 - 6	Black

USDM for: Aug. 8, 2017

# GFS (00z) 7-Day Precip Forecast

As of: Tuesday, August 15, 2017

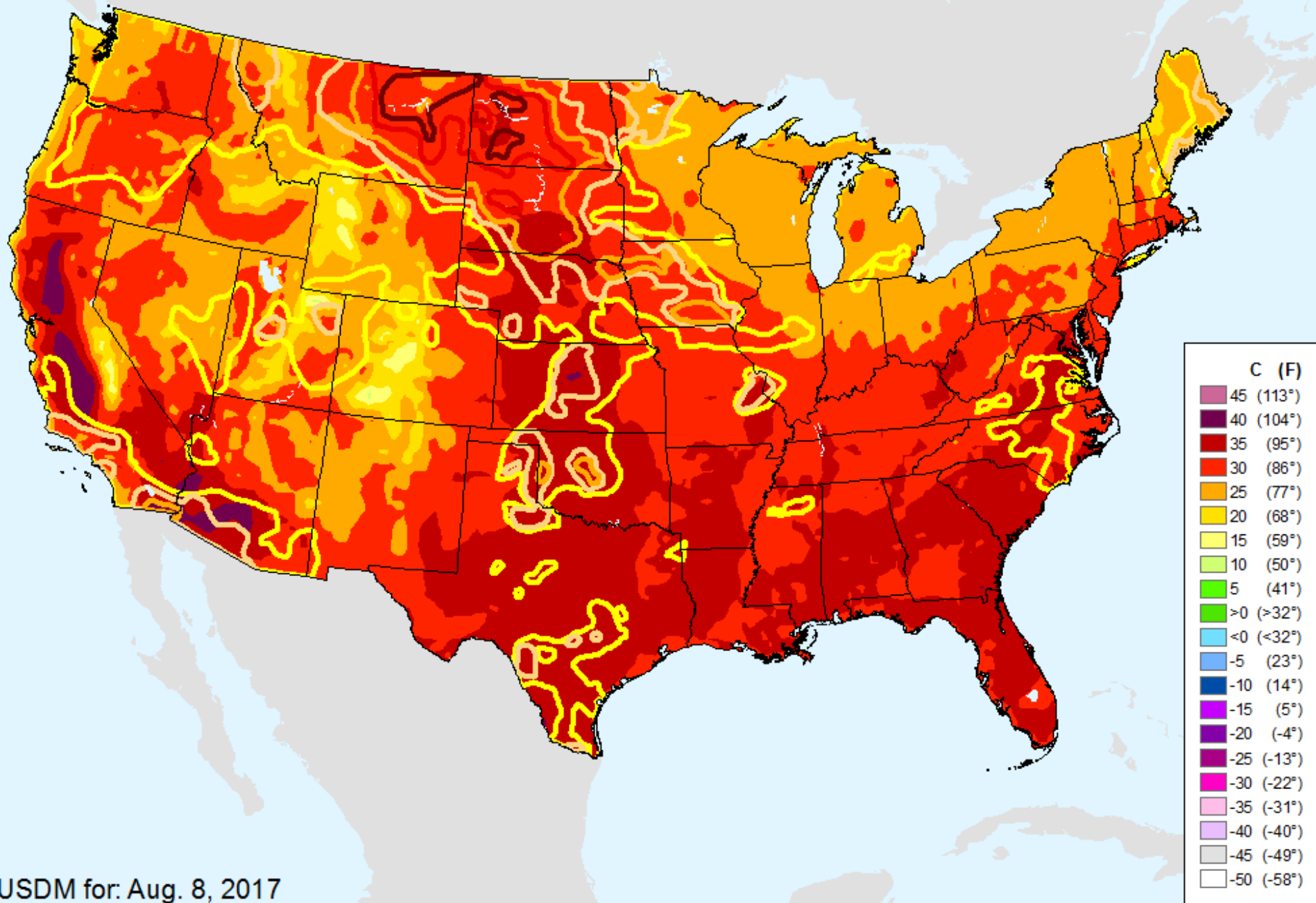


USDM for: Aug. 8, 2017



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

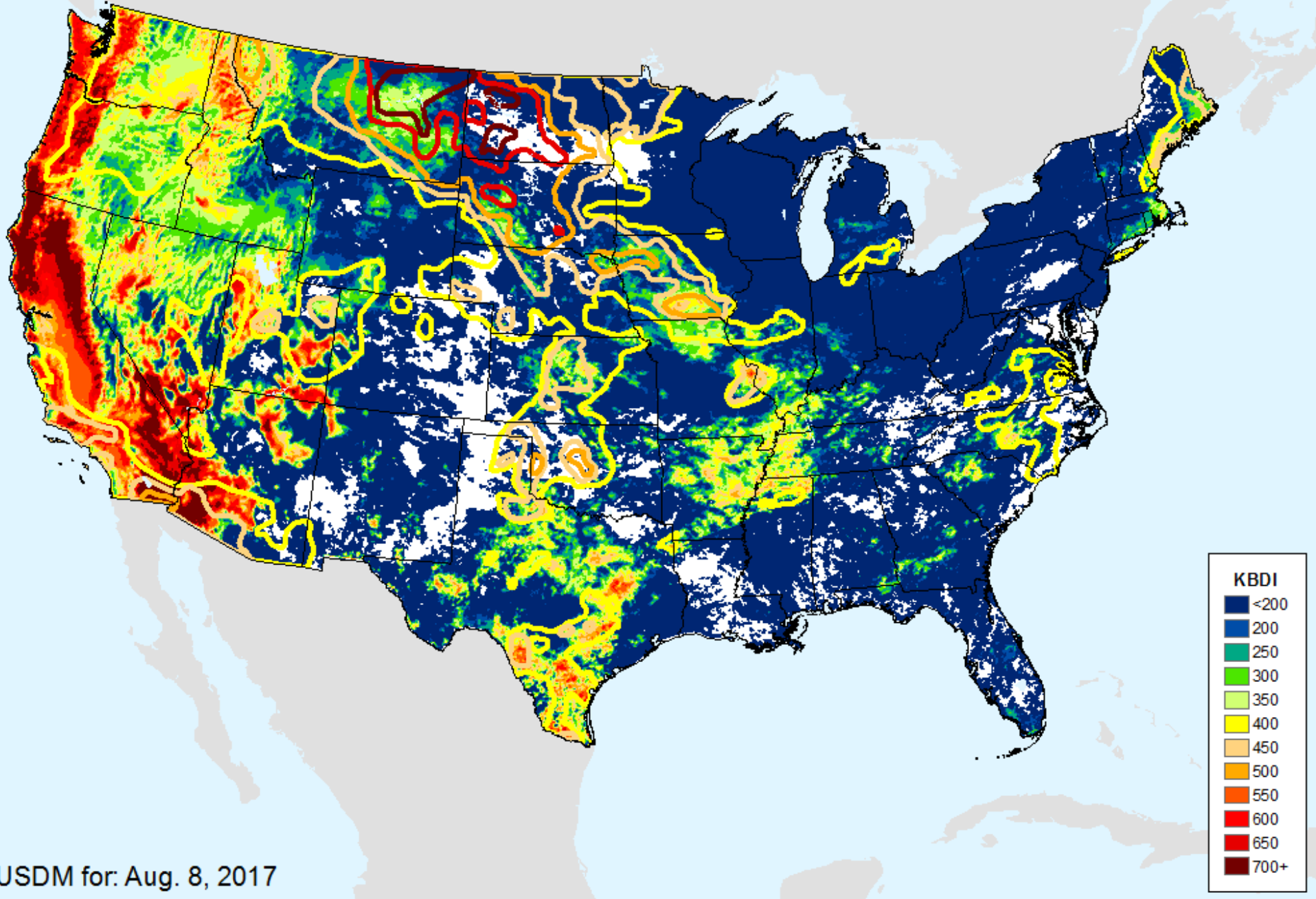
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# Keetch-Byram Drought Index (KBDI)

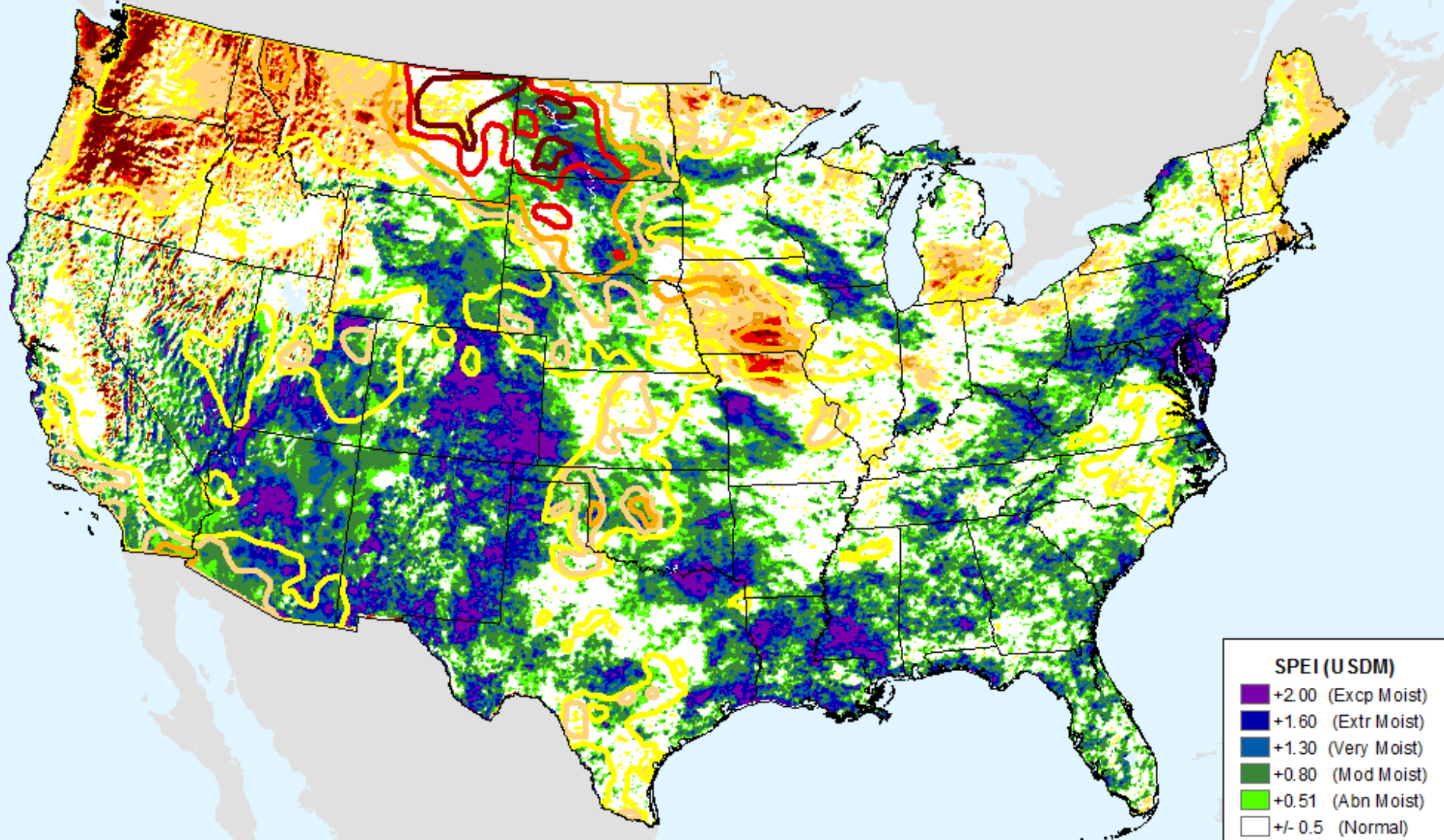
As of: Tuesday, August 15, 2017





# AHPS 1-month SPEI

As of: Tuesday, August 15, 2017

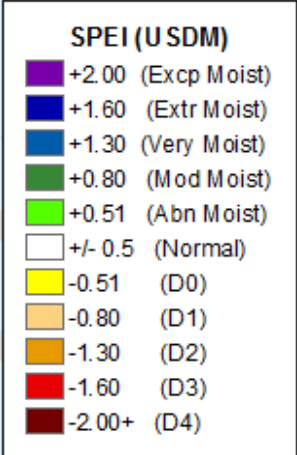
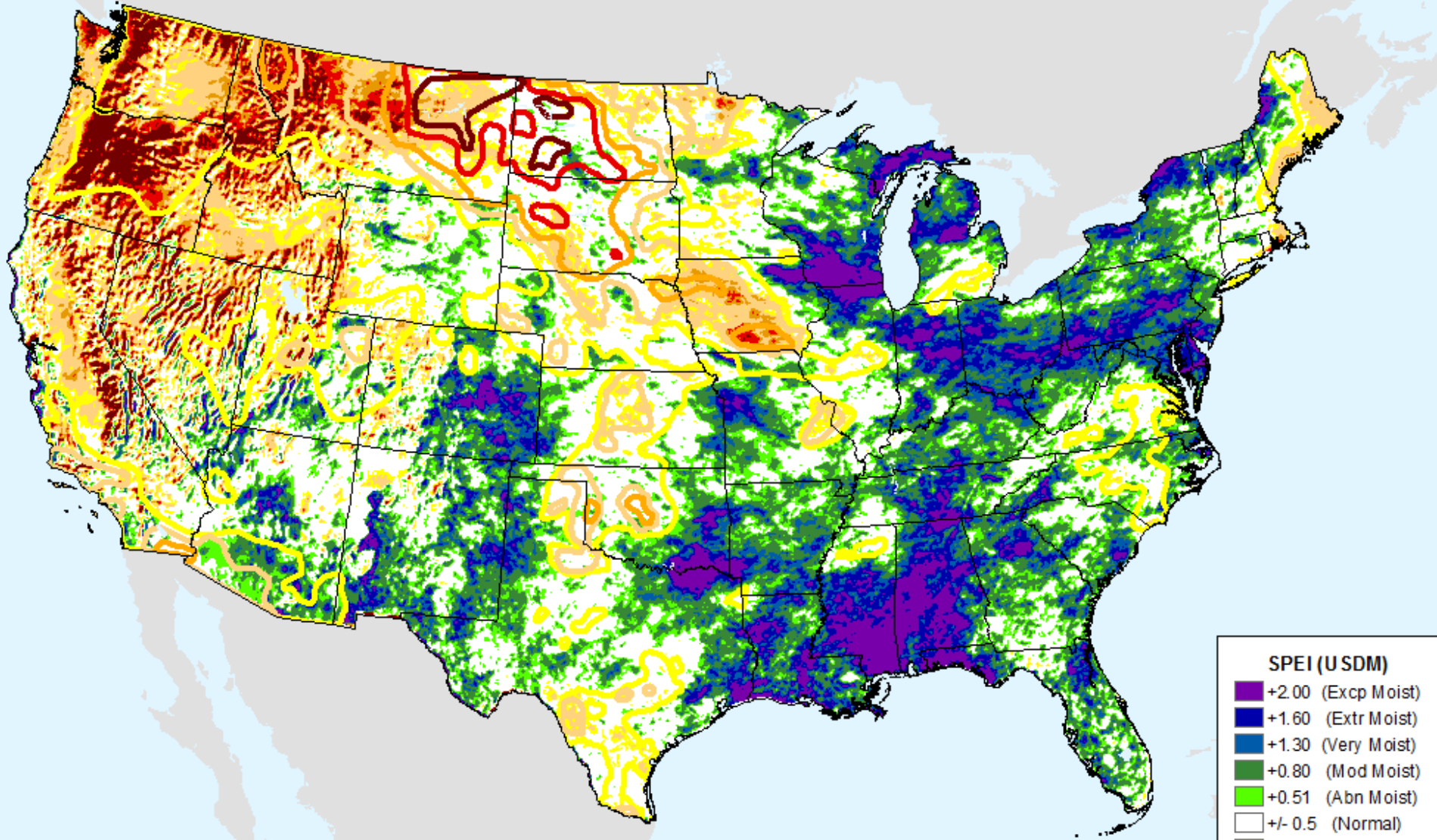


SPEI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Dark Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 8, 2017

# AHPS 2-month SPEI

As of: Tuesday, August 15, 2017

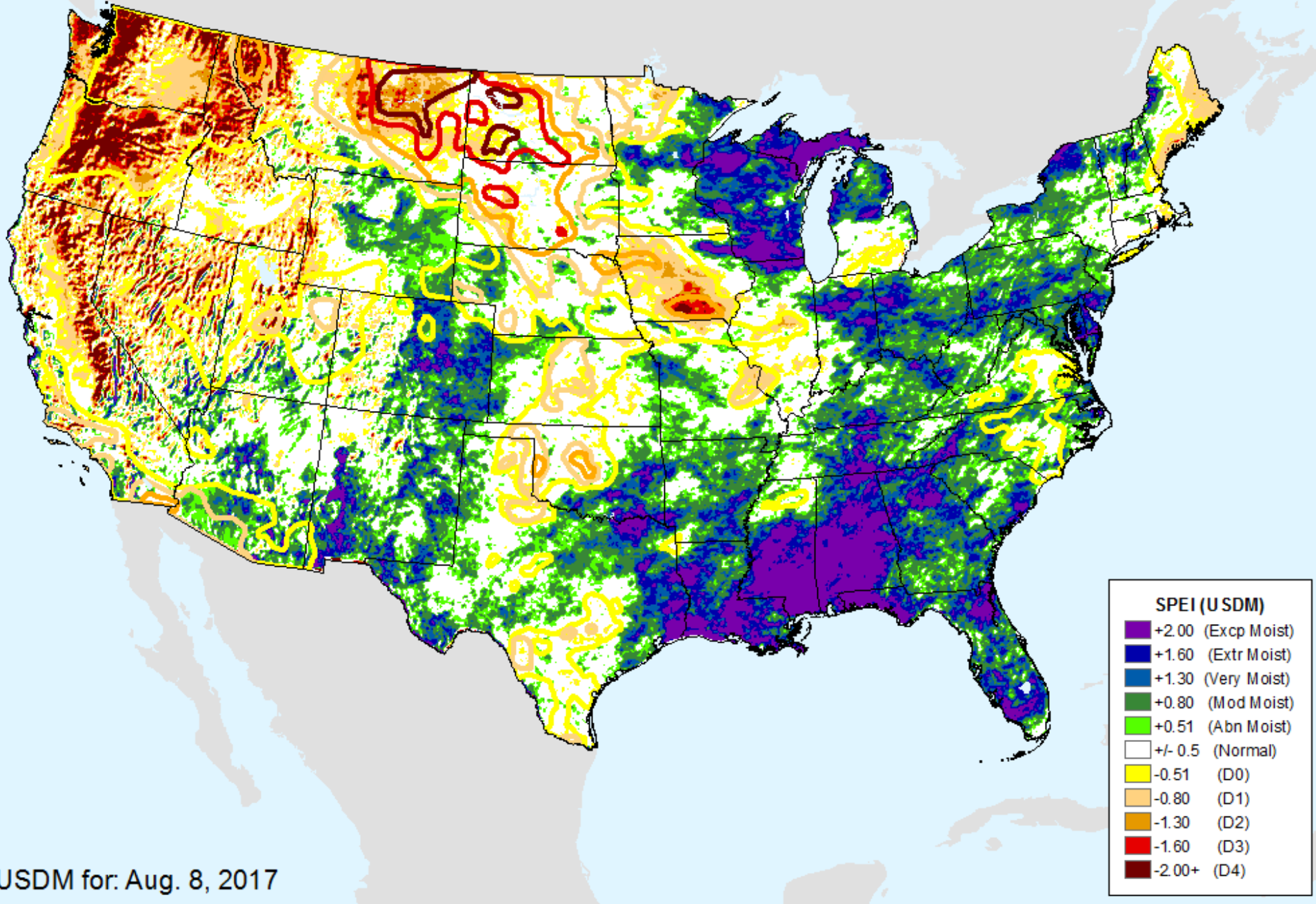


USDM for: Aug. 8, 2017



# AHPS 3-month SPEI

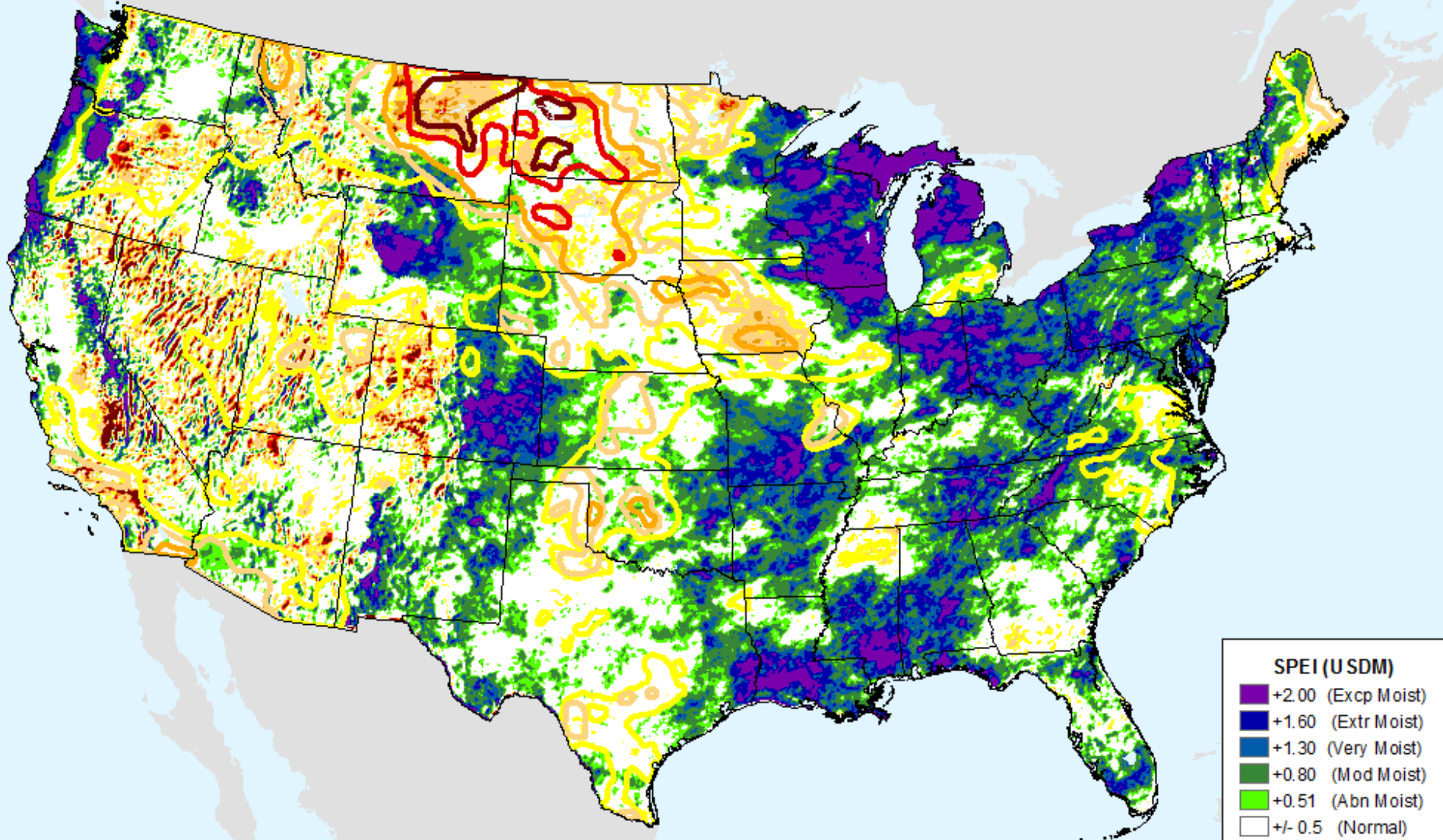
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# AHPS 6-month SPEI

As of: Tuesday, August 15, 2017



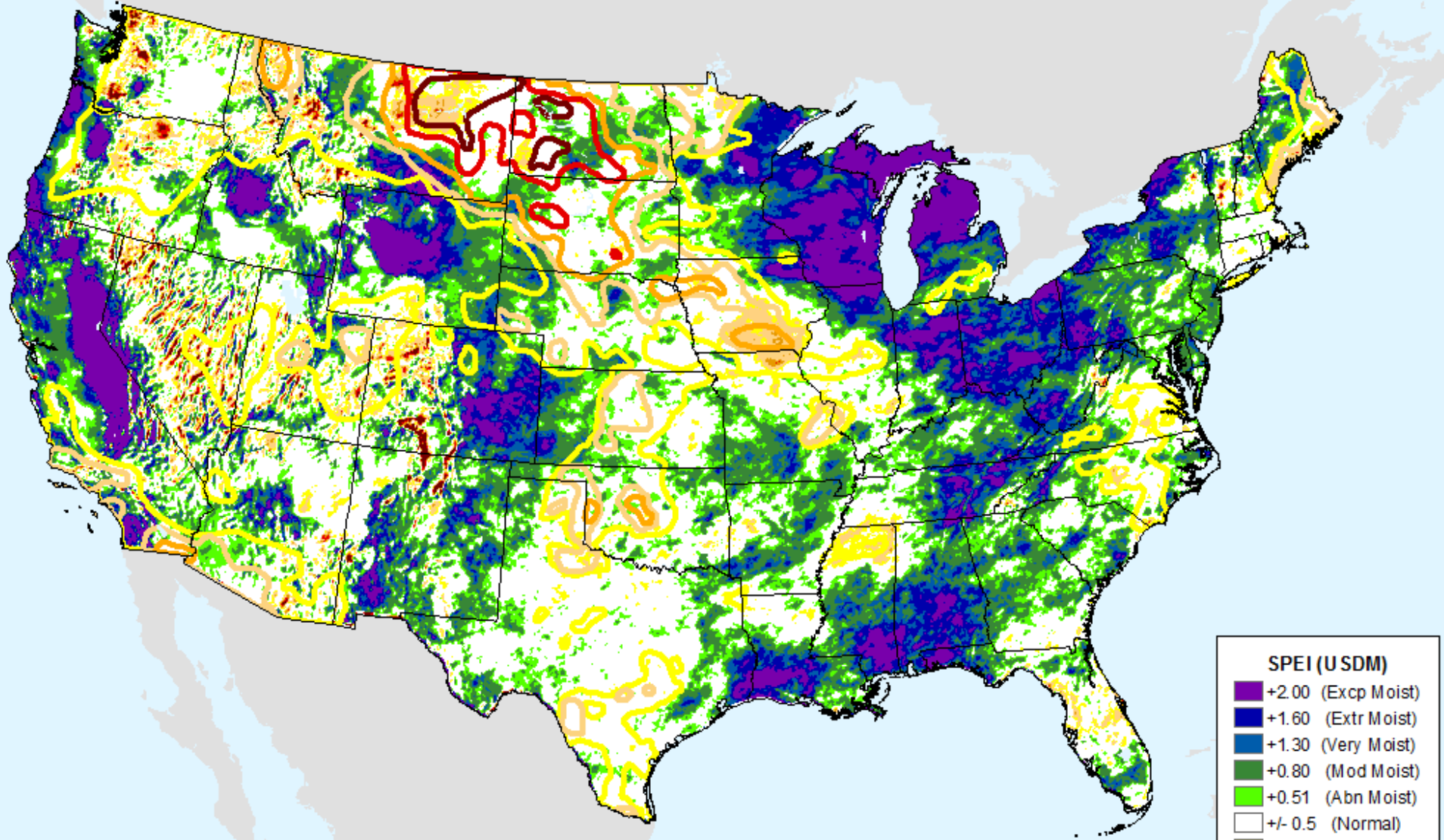
SPEI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 8, 2017



# AHPS 9-month SPEI

As of: Tuesday, August 15, 2017

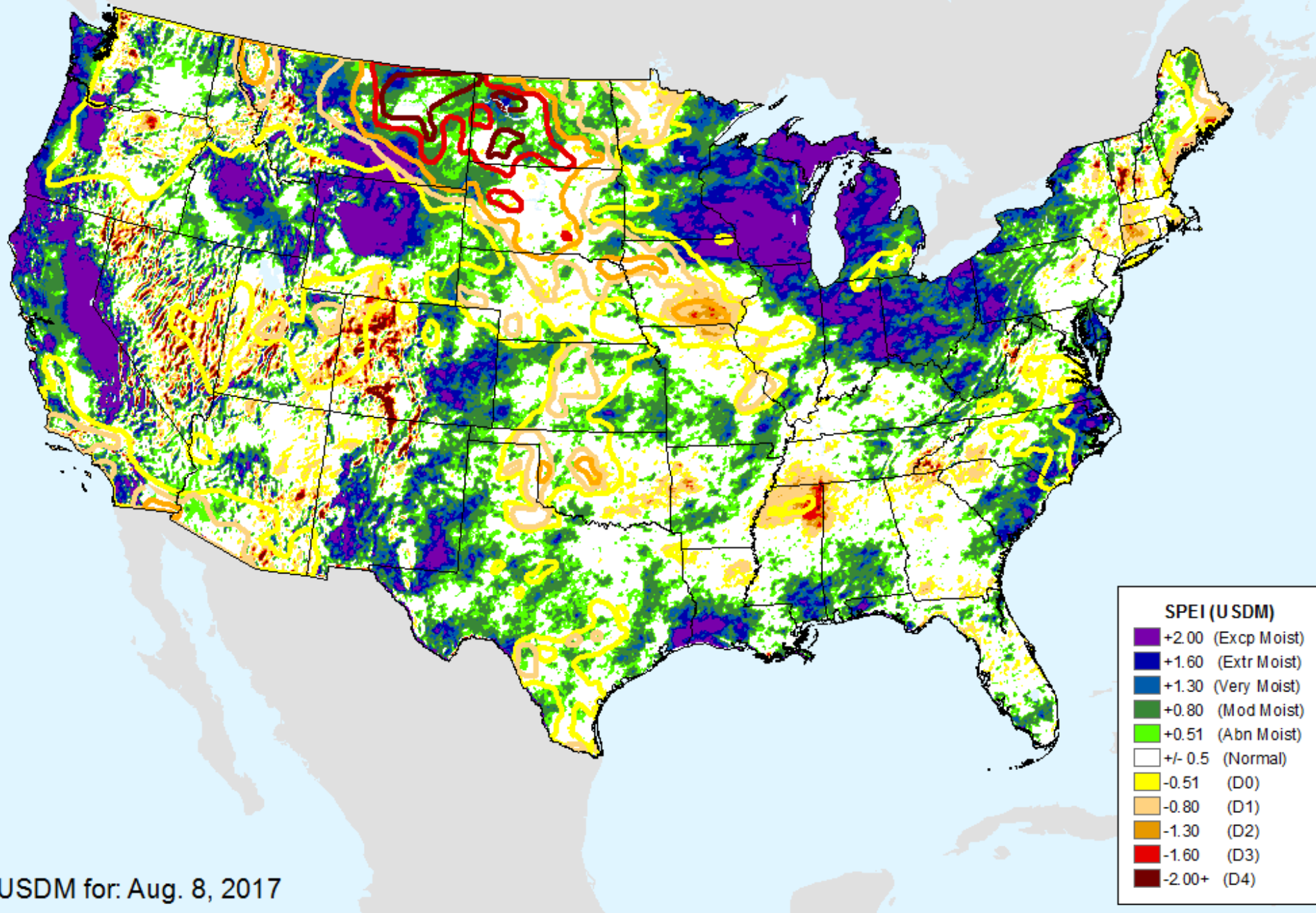


SPEI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Dark Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Dark Orange	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 8, 2017

# AHPS 12-month SPEI

As of: Tuesday, August 15, 2017

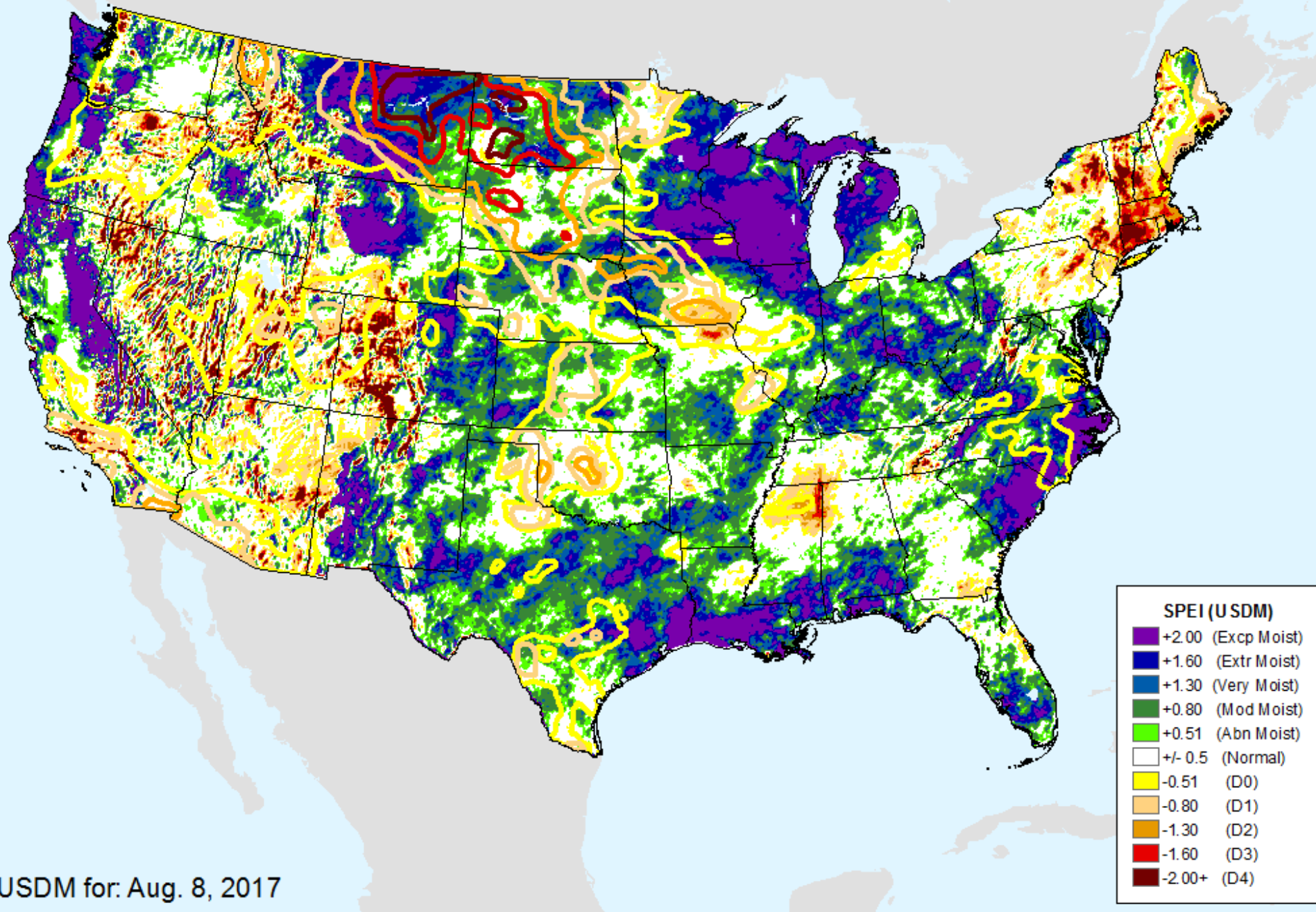


USDM for: Aug. 8, 2017



# AHPS 24-month SPEI

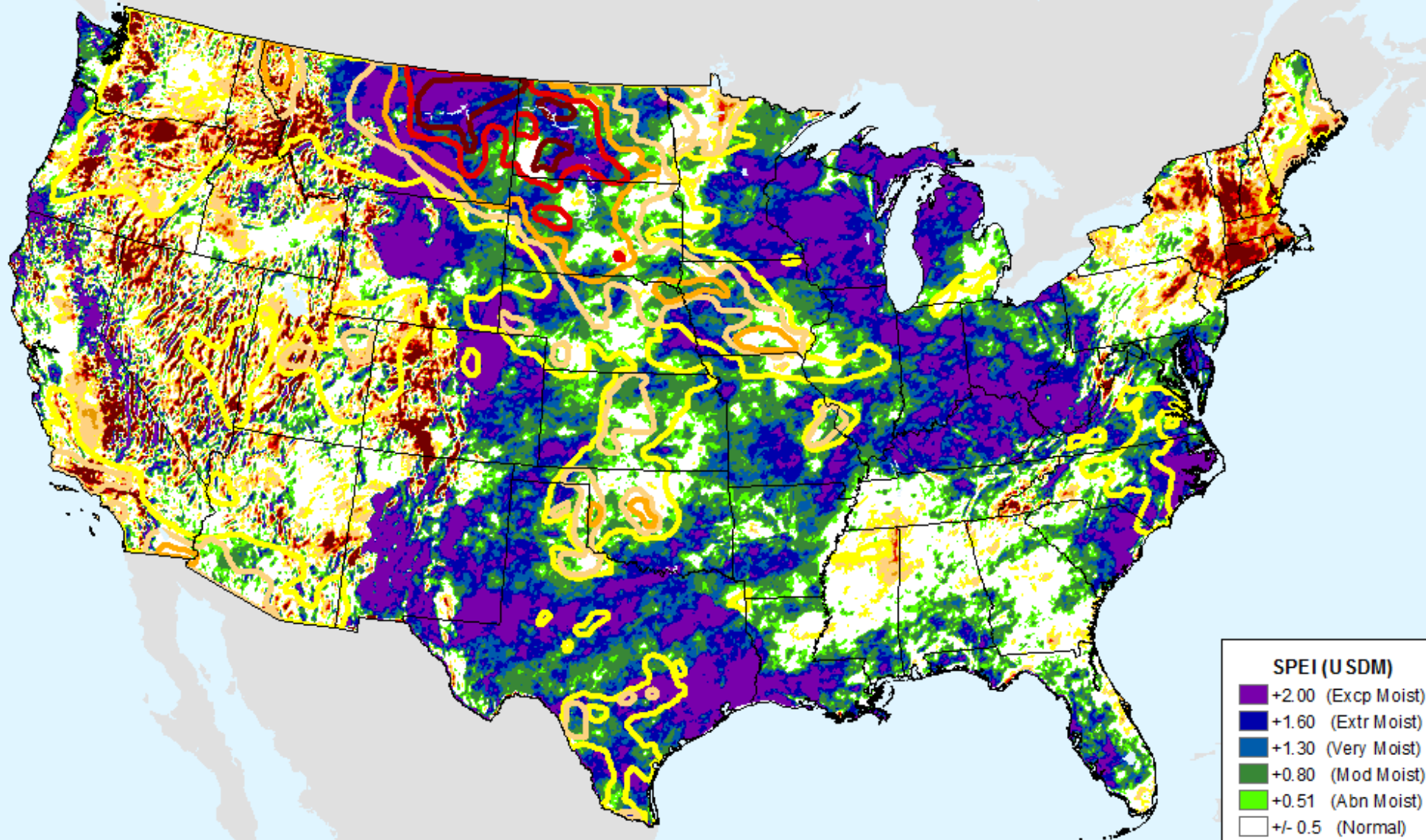
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# AHPS 36-month SPEI

As of: Tuesday, August 15, 2017



### SPEI (USDM)

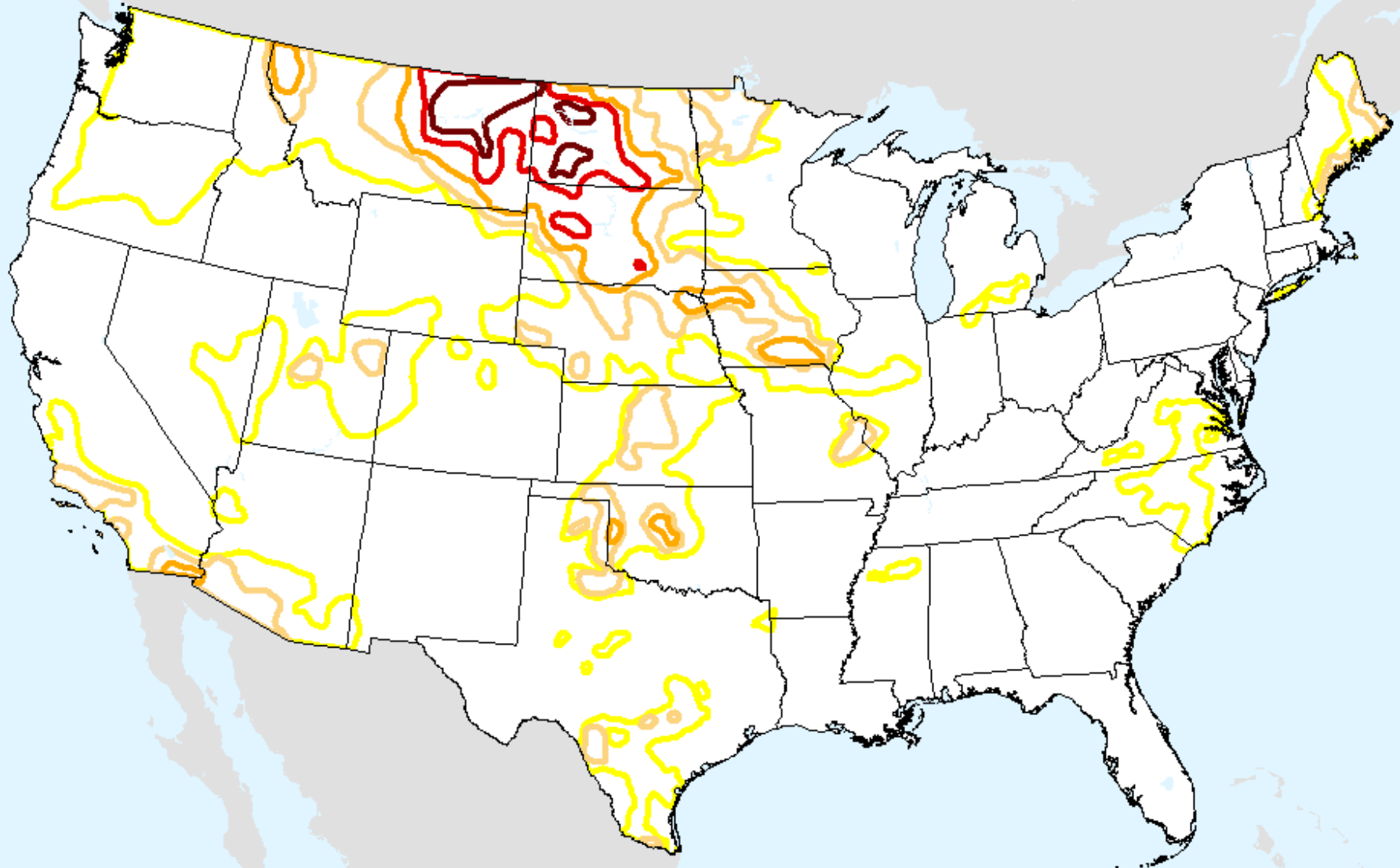
- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

USDM for: Aug. 8, 2017



# EDDI 1-week

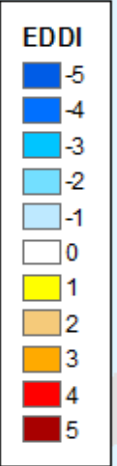
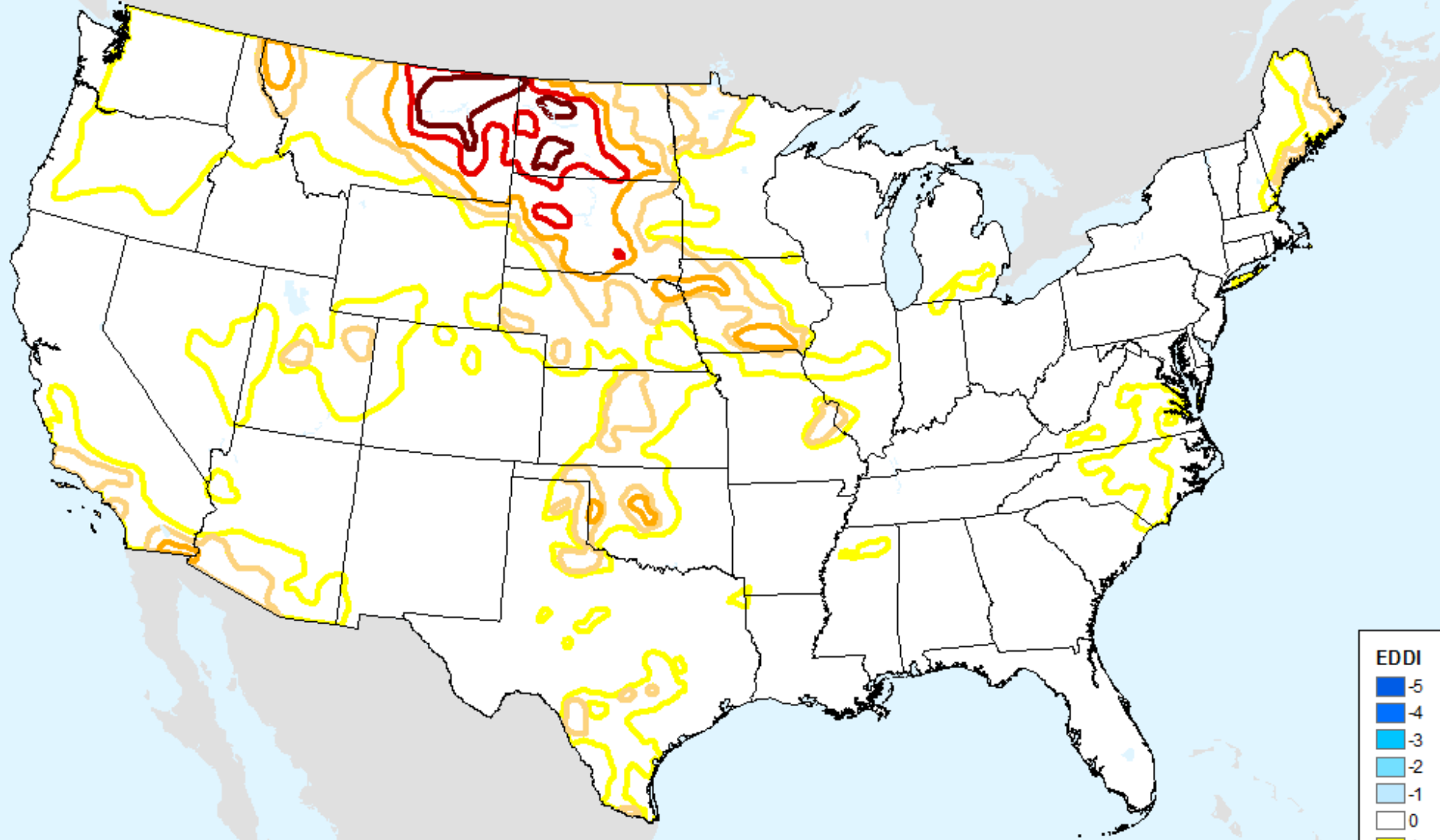
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# EDDI 2-week

As of: Tuesday, August 15, 2017

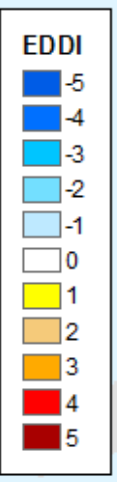
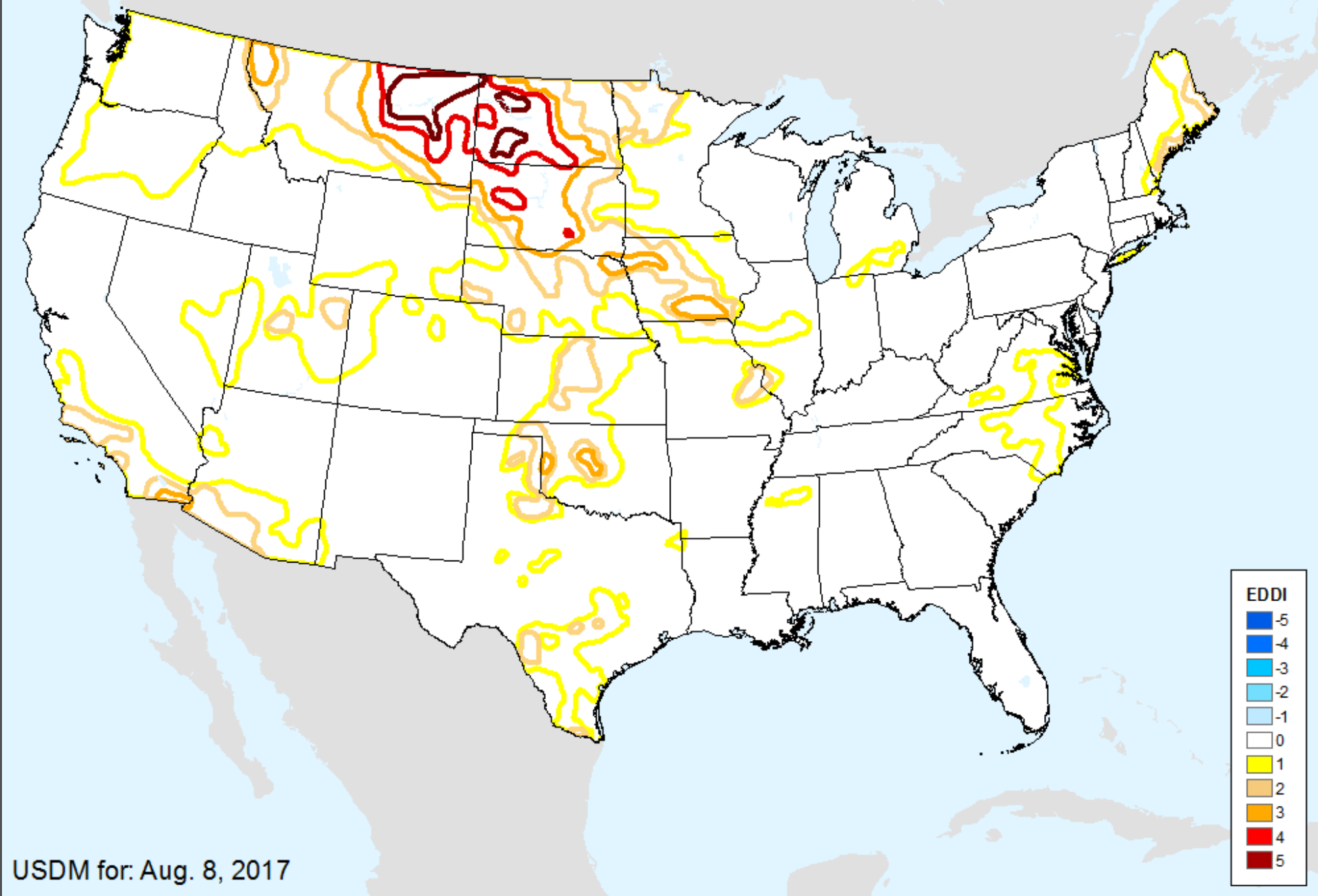


USDM for: Aug. 8, 2017



# EDDI 3-week

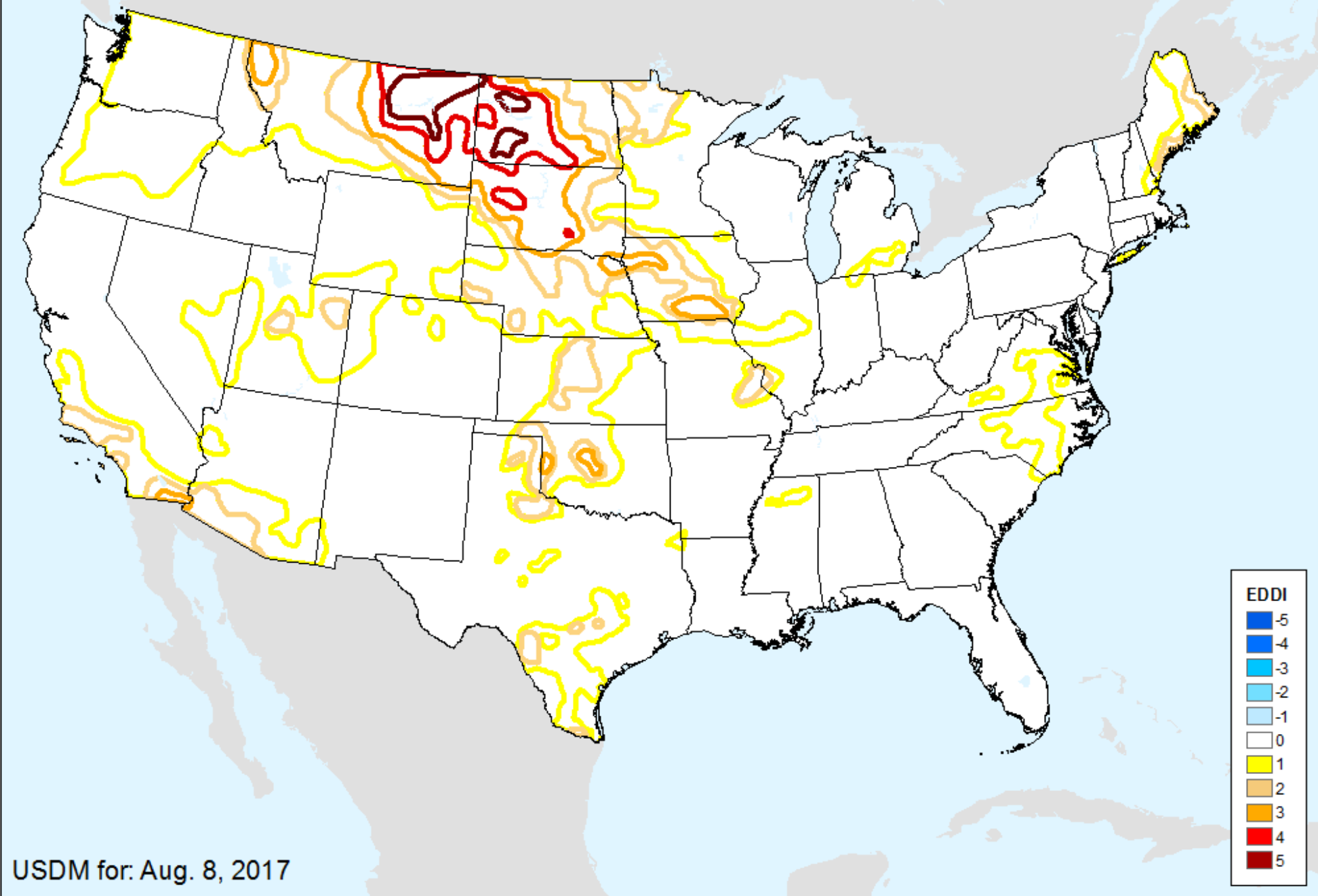
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# EDDI 4-week

As of: Tuesday, August 15, 2017

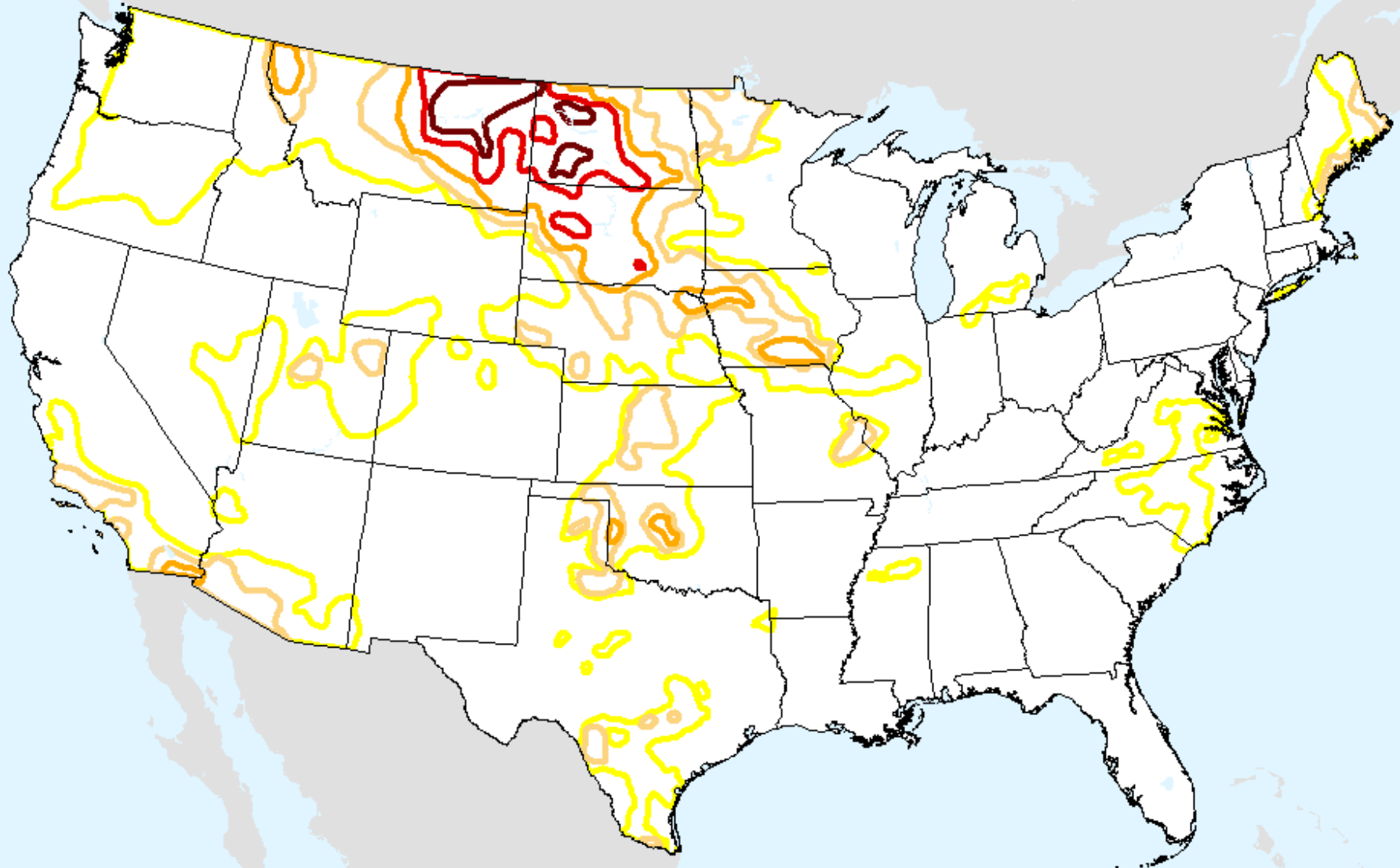


USDM for: Aug. 8, 2017



# EDDI 5-week

As of: Tuesday, August 15, 2017



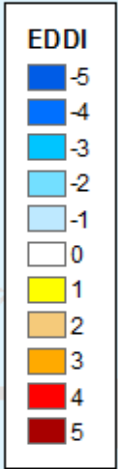
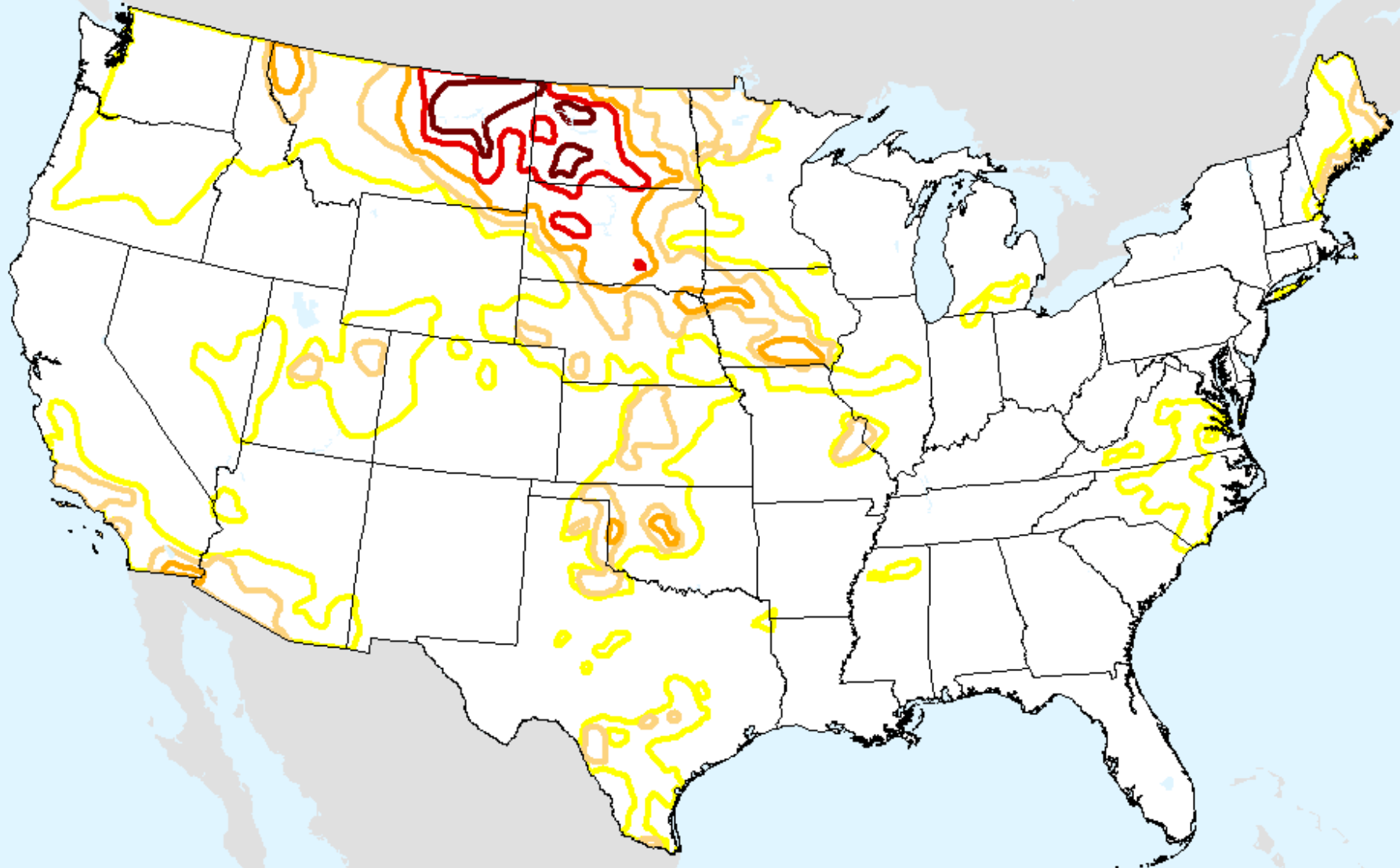
EDDI

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

USDM for: Aug. 8, 2017

# EDDI 6-week

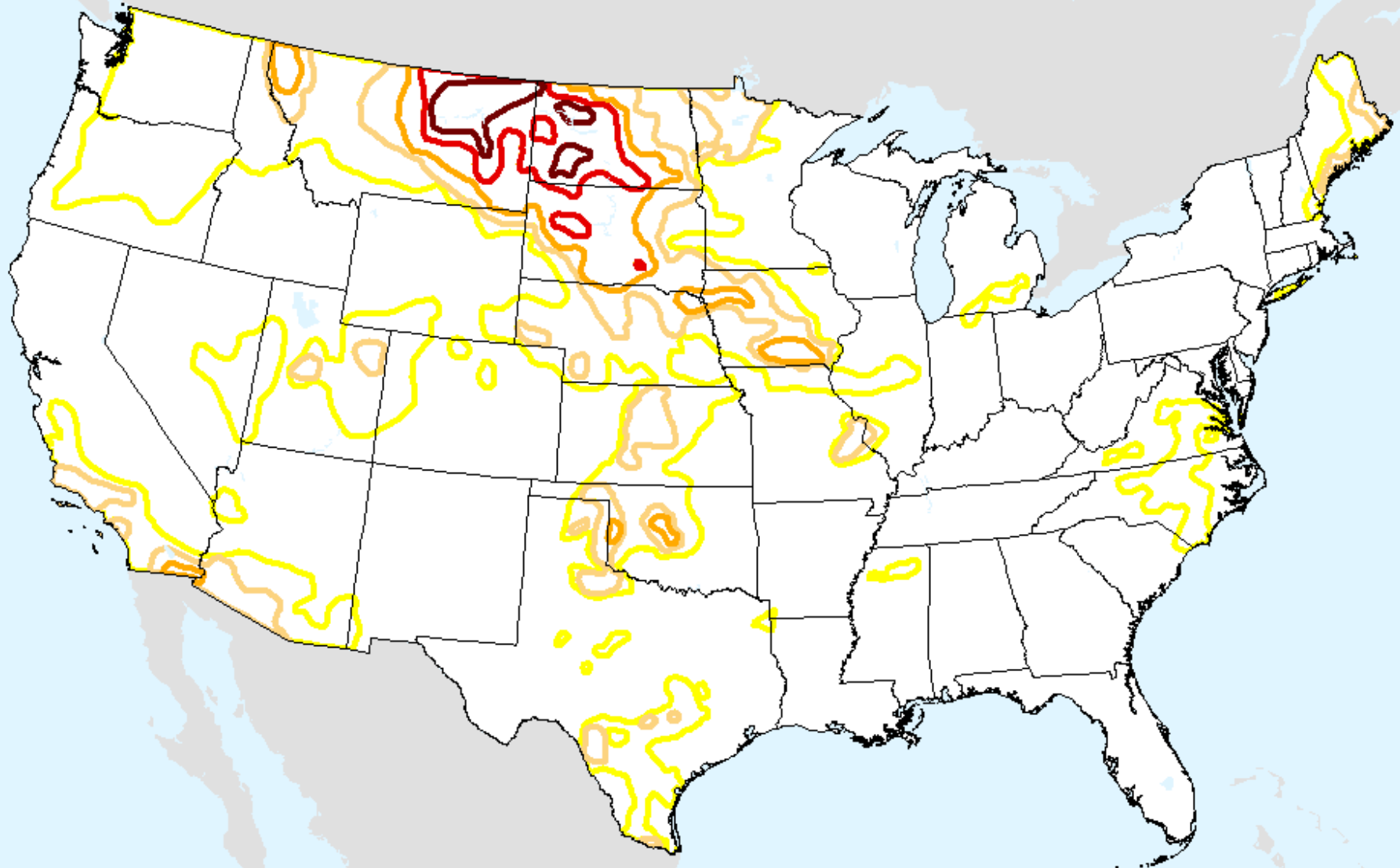
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# EDDI 7-week

As of: Tuesday, August 15, 2017



EDDI

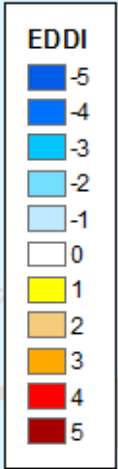
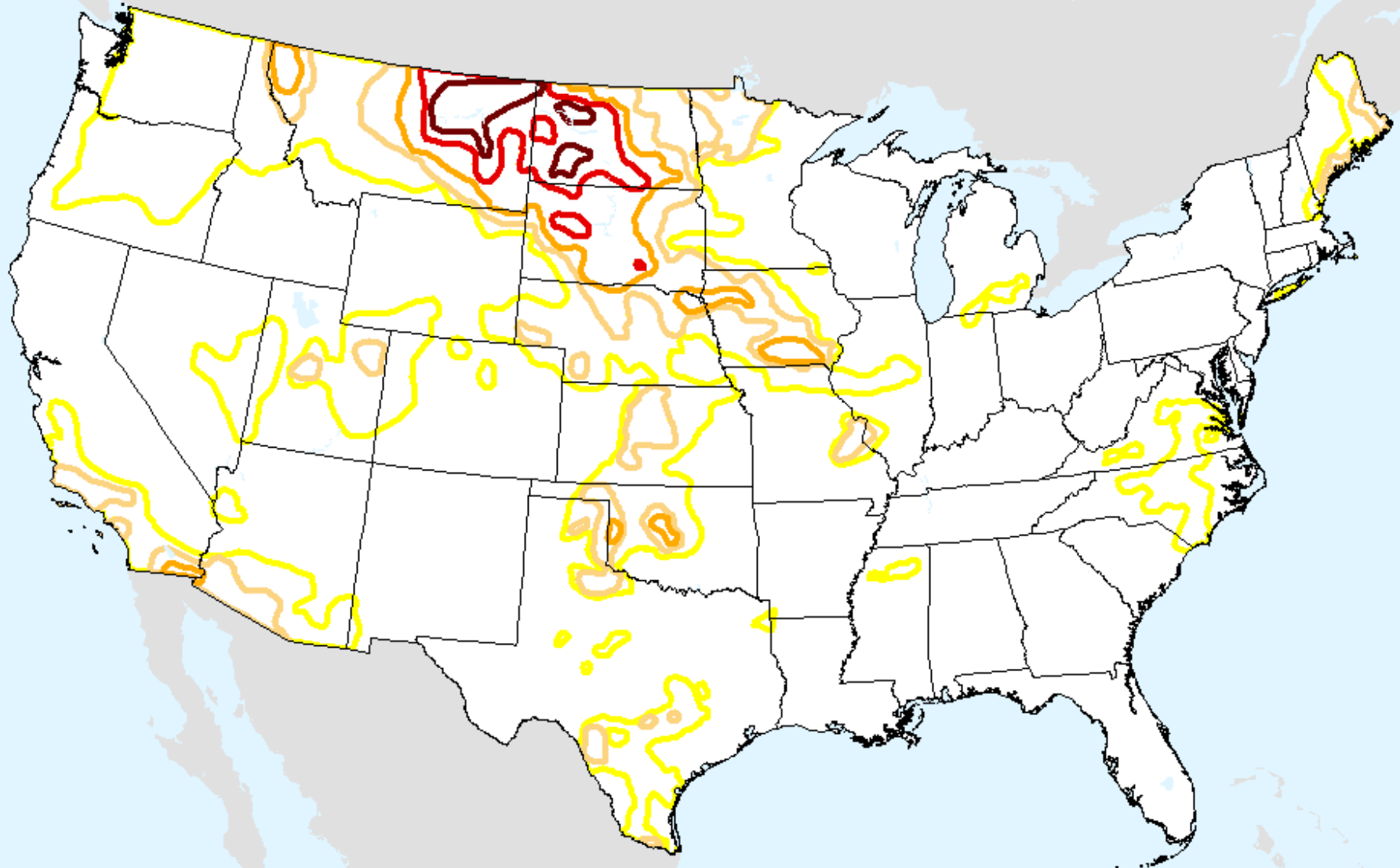
- 5
- 4
- 3
- 2
- 1
- 0
- 1
- 2
- 3
- 4
- 5

USDM for: Aug. 8, 2017



# EDDI 8-week

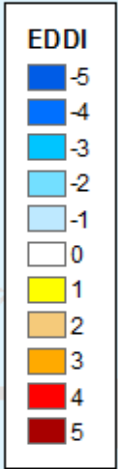
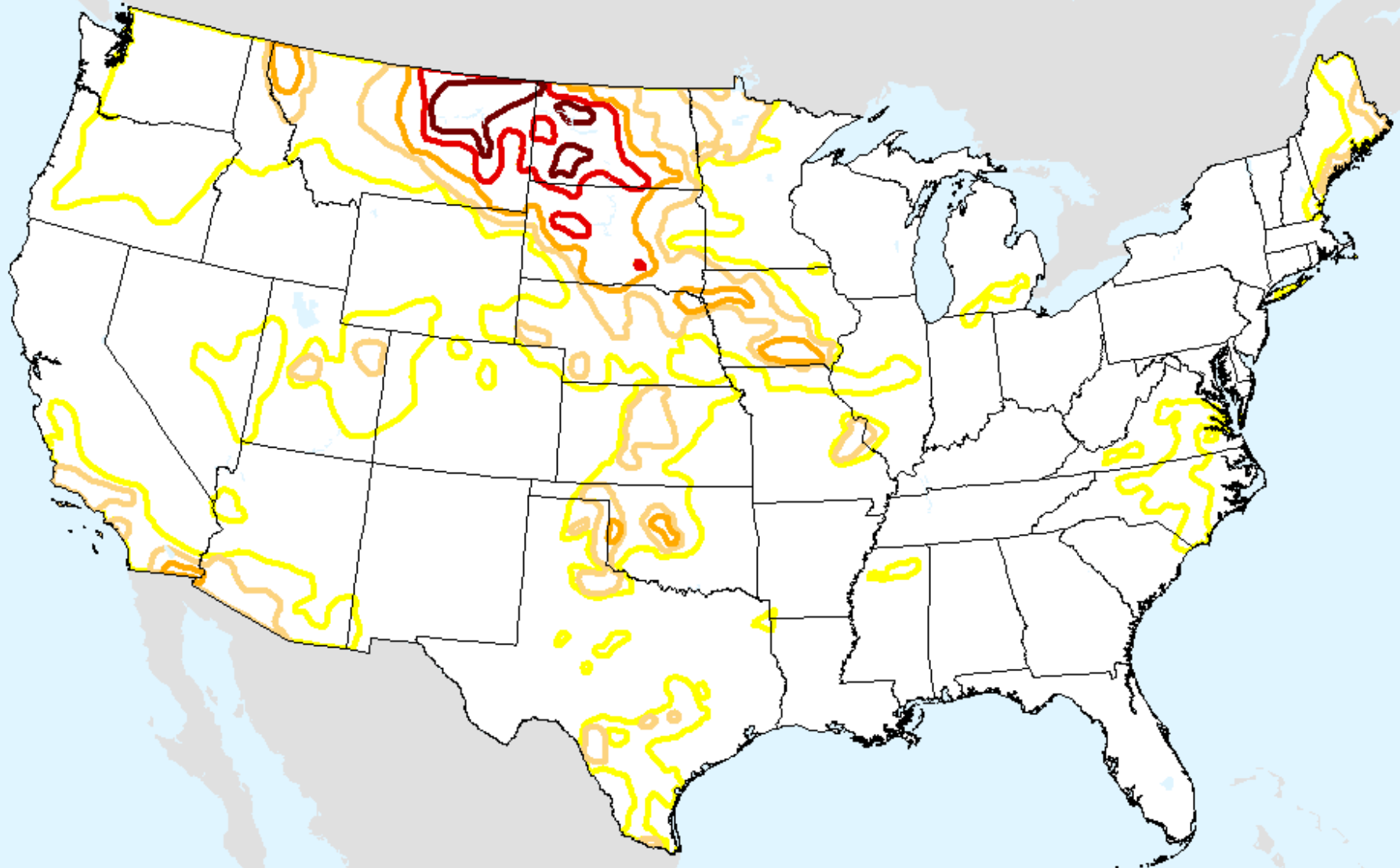
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# EDDI 9-week

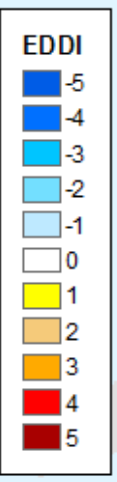
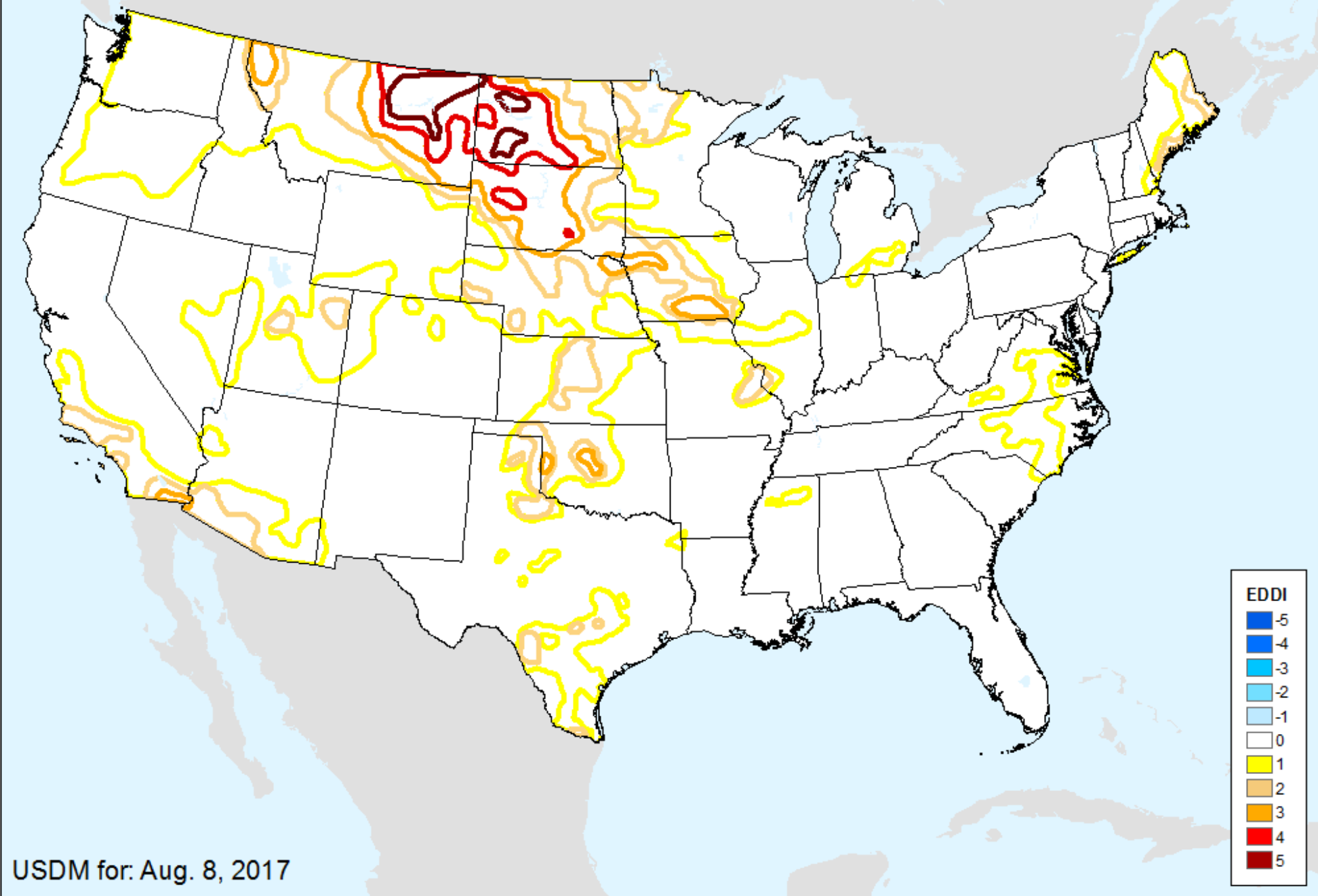
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# EDDI 10-week

As of: Tuesday, August 15, 2017

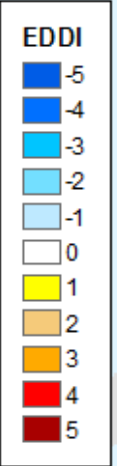
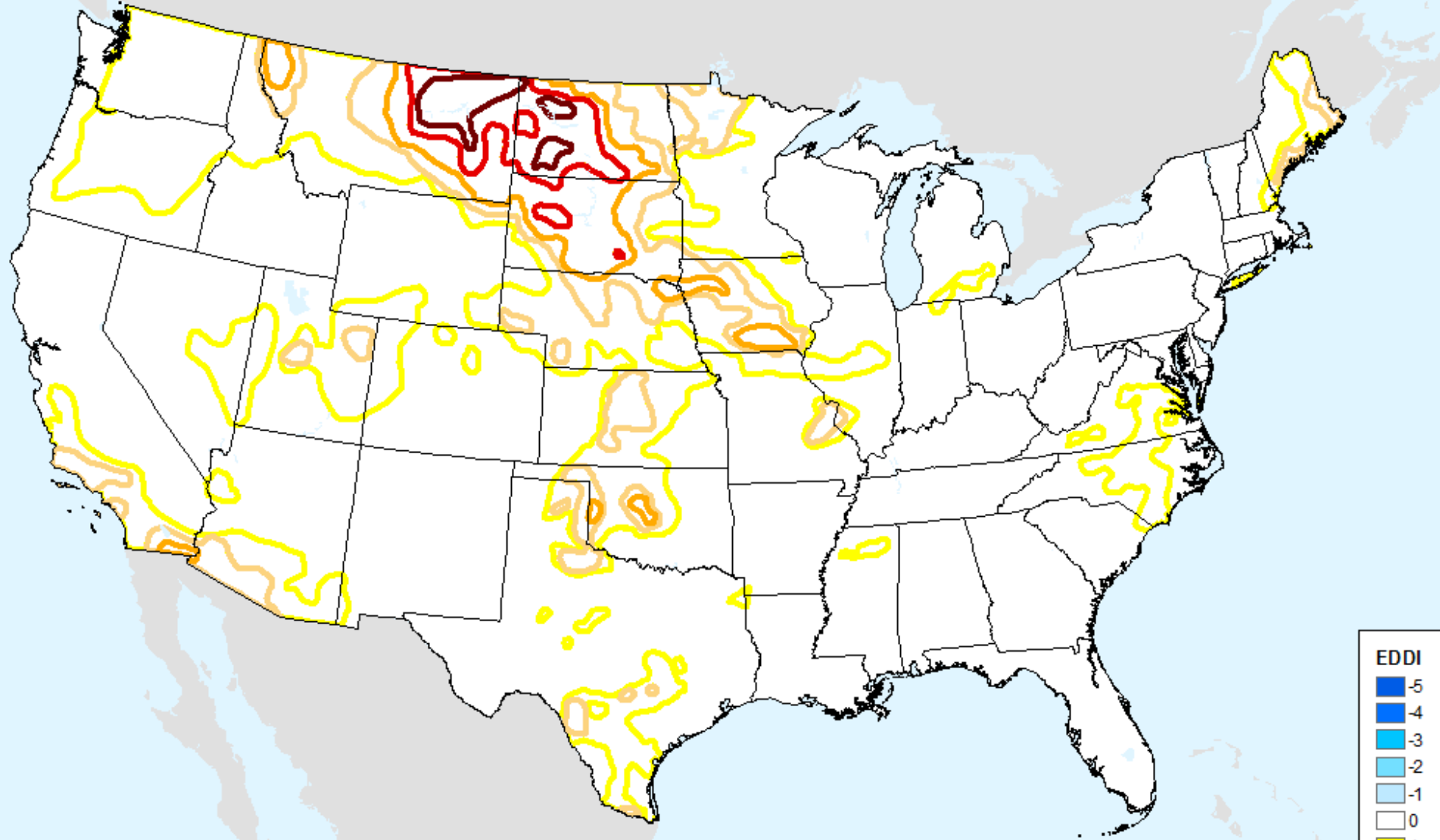


USDM for: Aug. 8, 2017



# EDDI 11-week

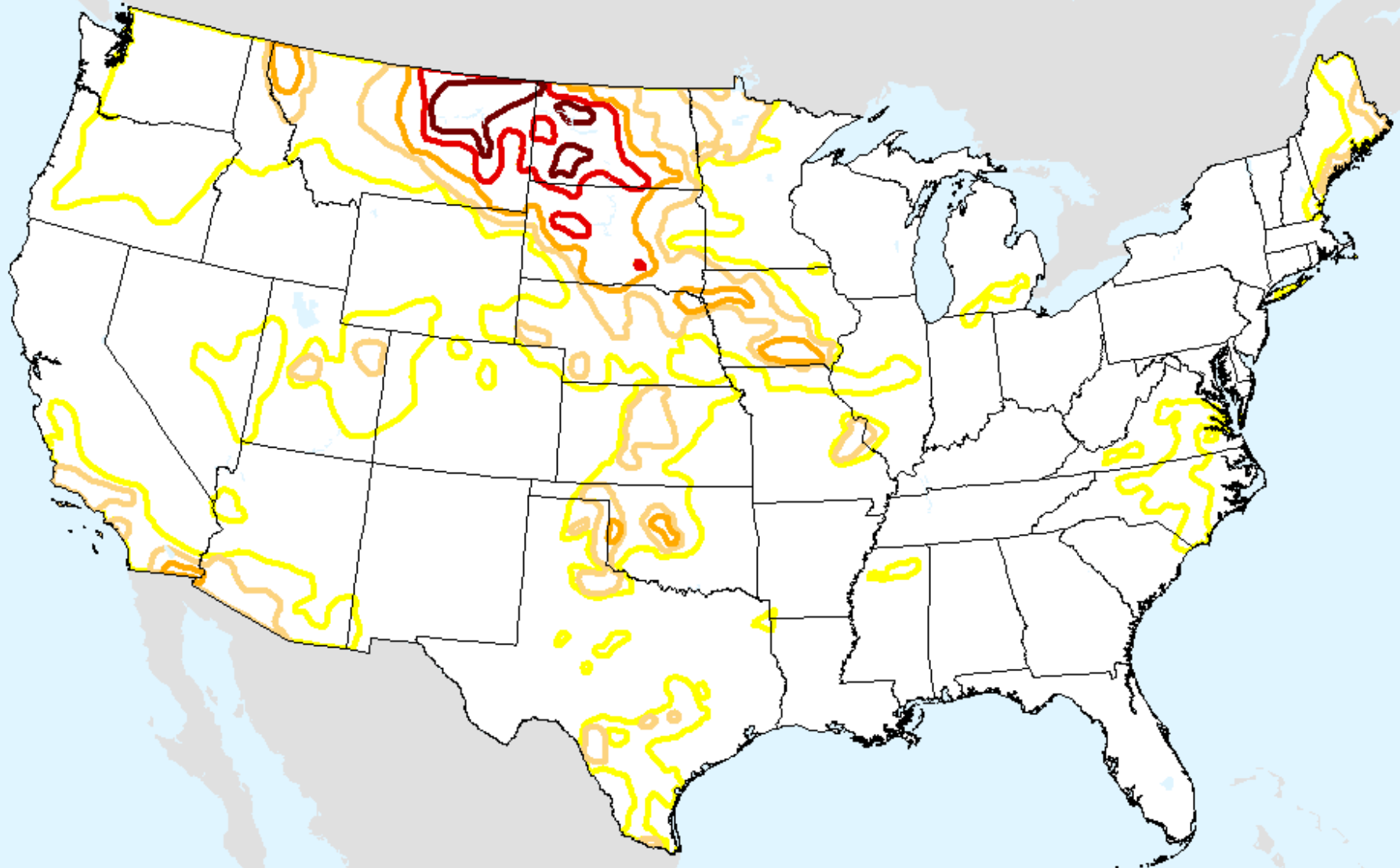
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# EDDI 12-week

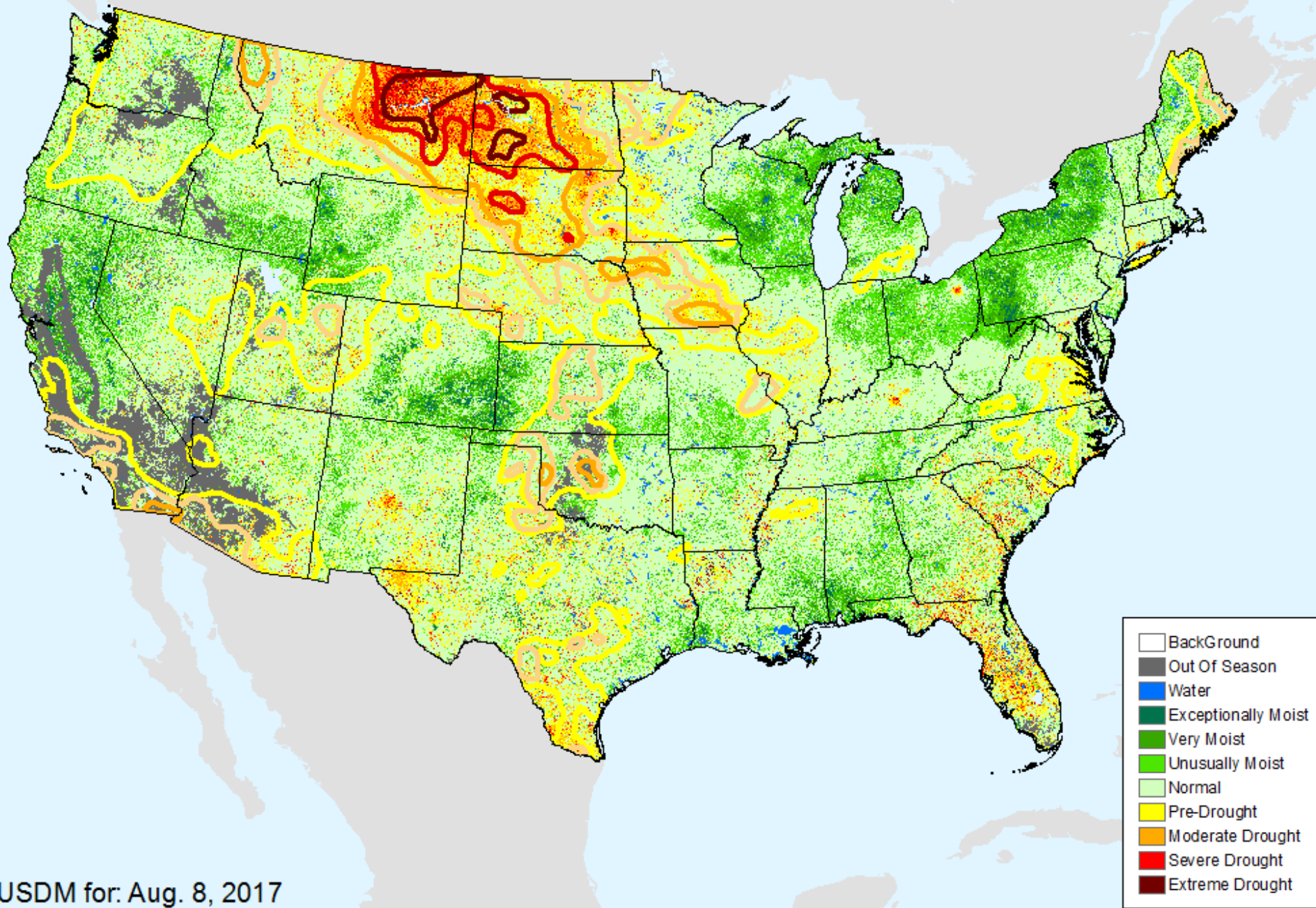
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

# Vegetation Drought Response Index (VegDRI)

As of: Tuesday, August 15, 2017

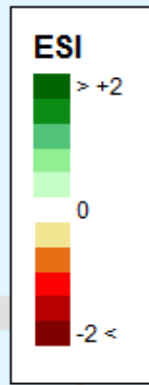
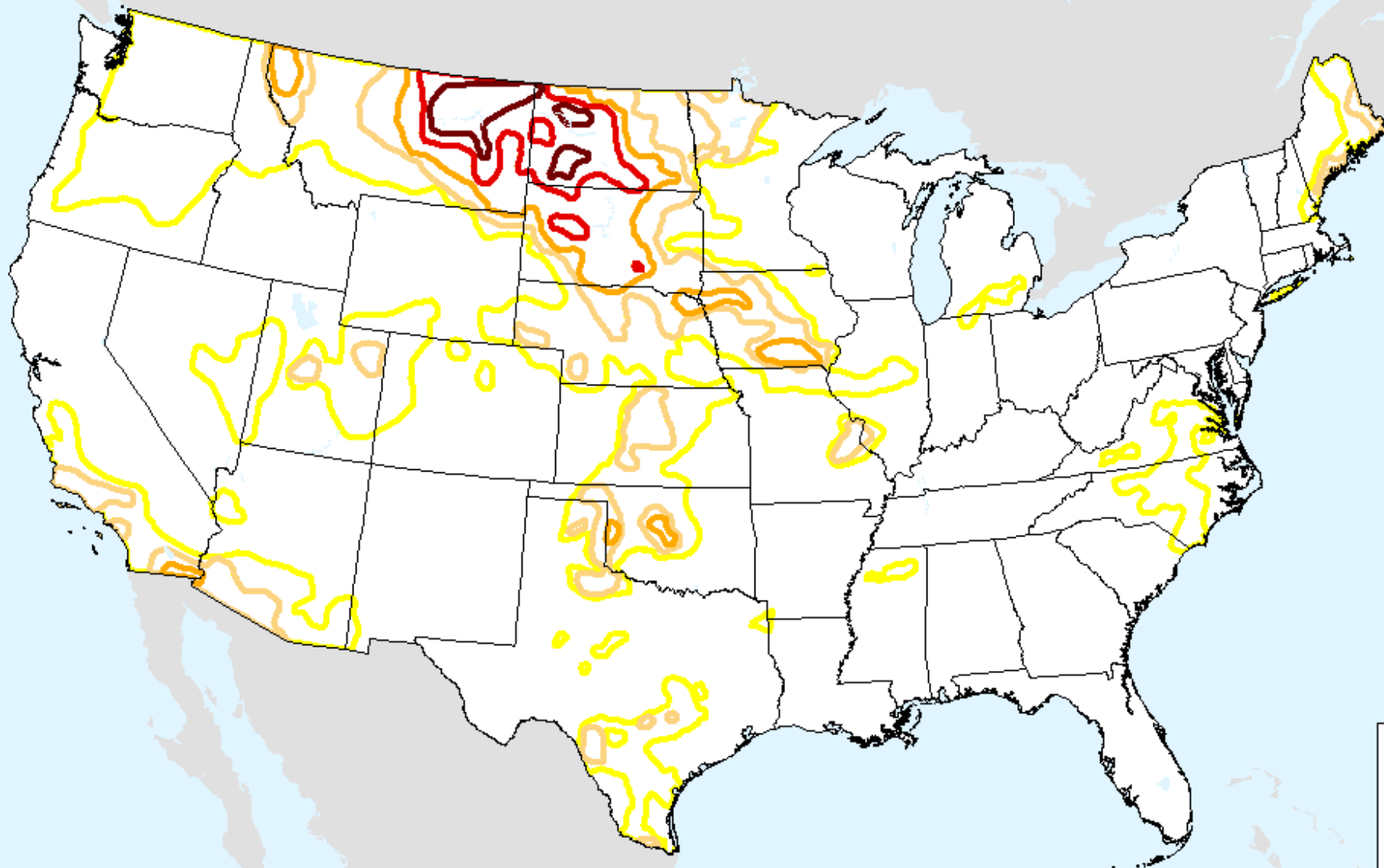


USDM for: Aug. 8, 2017



# Evaporative Stress Index (ESI) 4-week

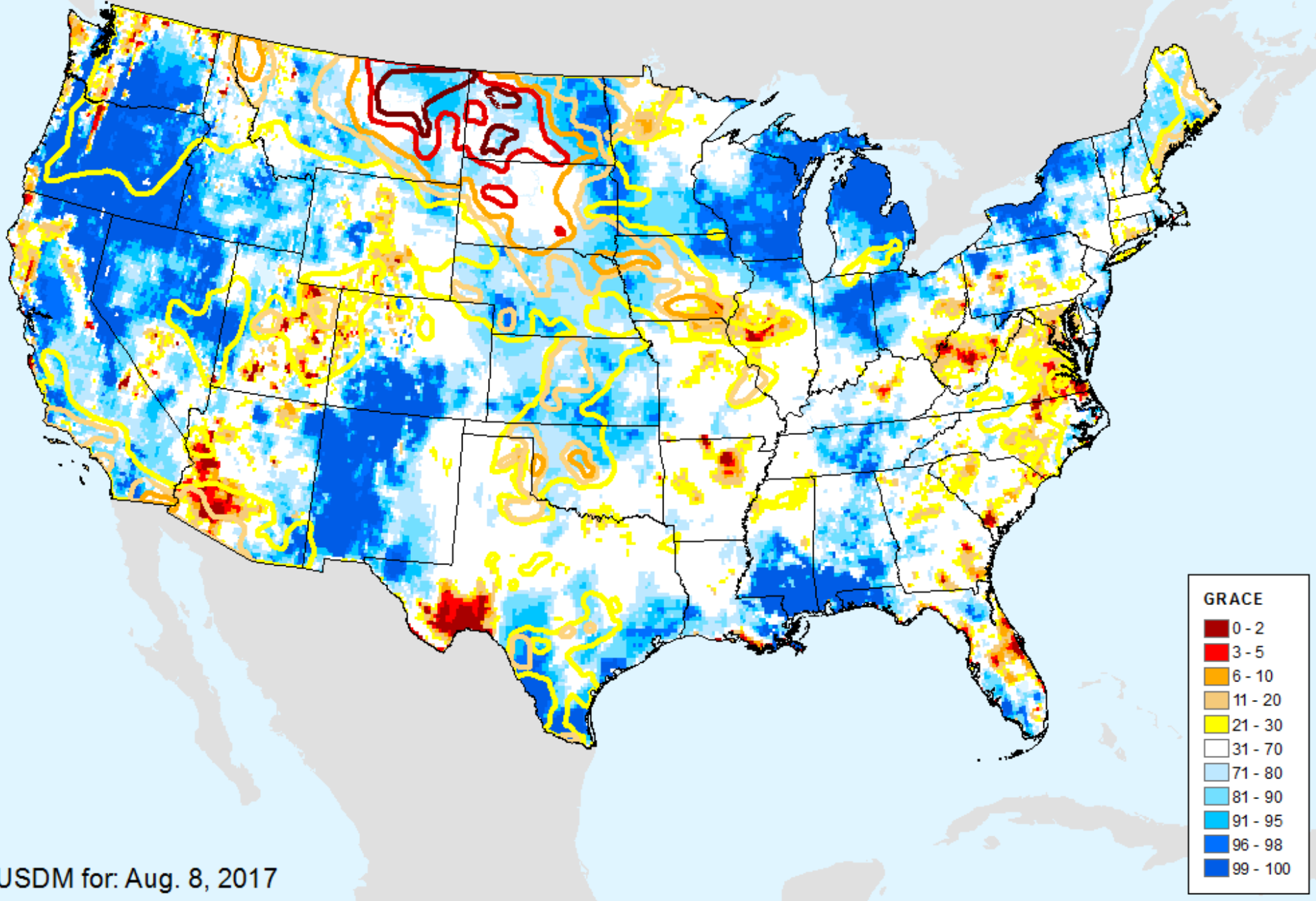
As of: Tuesday, August 15, 2017



USDM for: Aug. 8, 2017

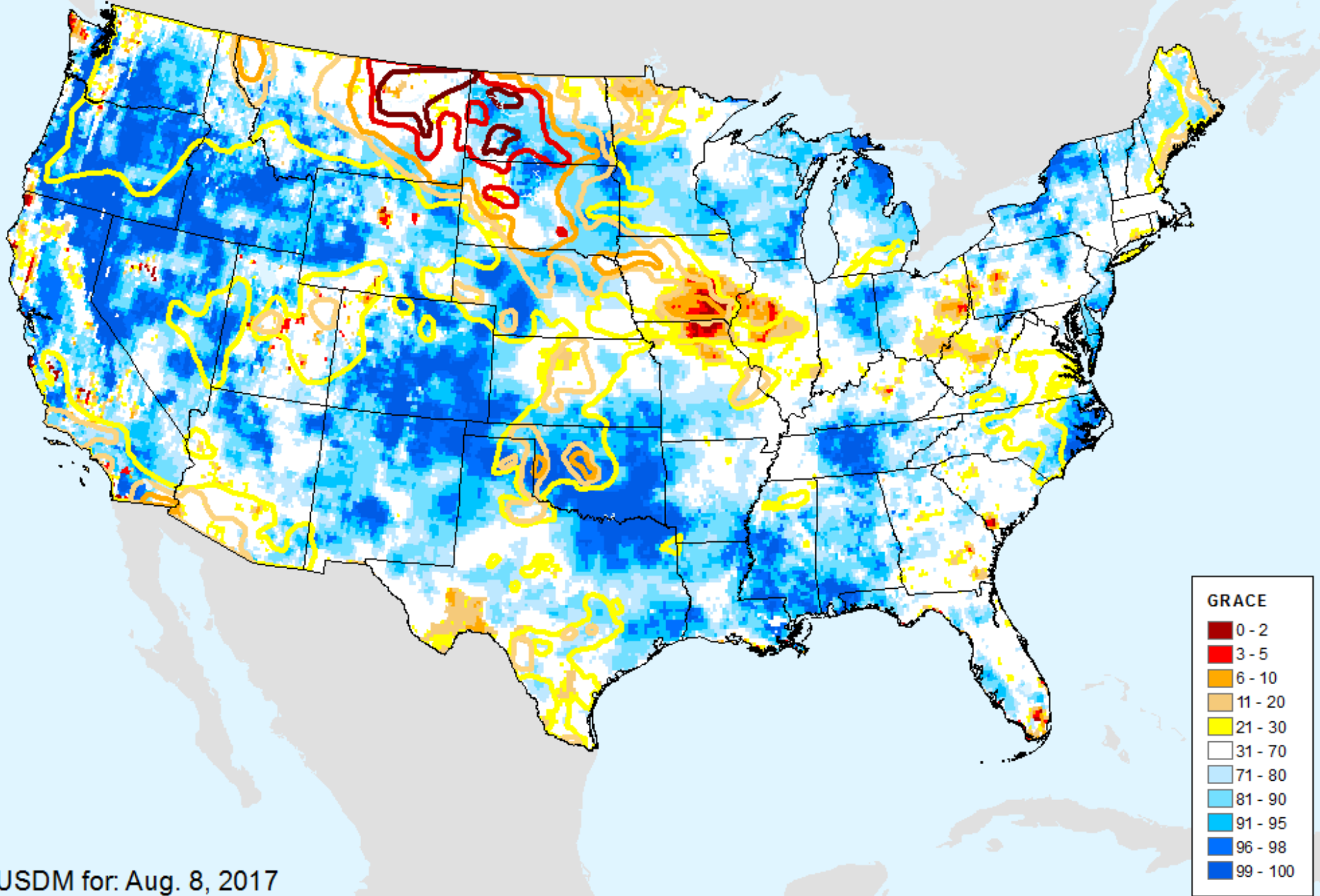
# GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, August 15, 2017



# GRACE-Based Root Zone Soil Moisture Drought Indicator

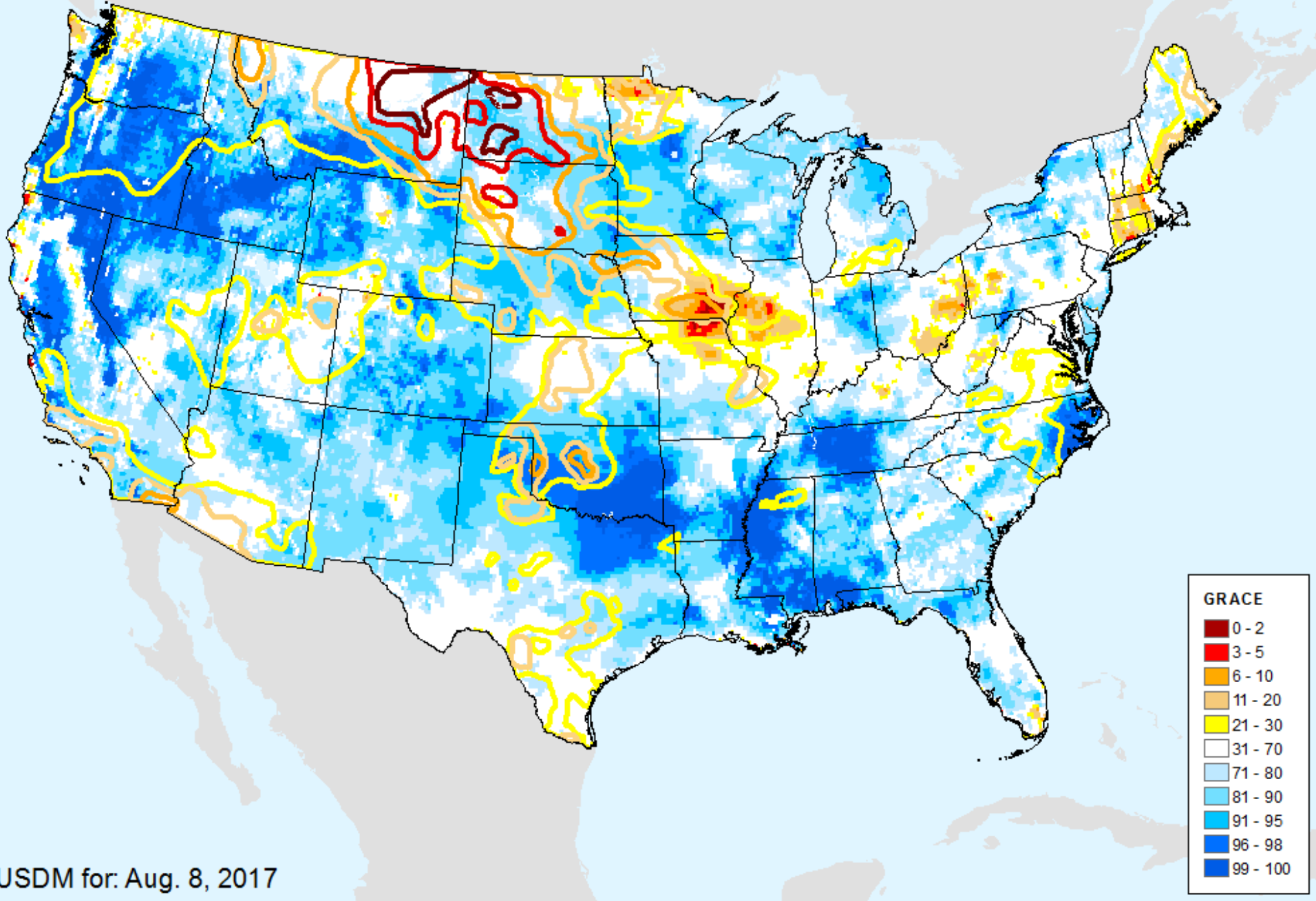
As of: Tuesday, August 15, 2017





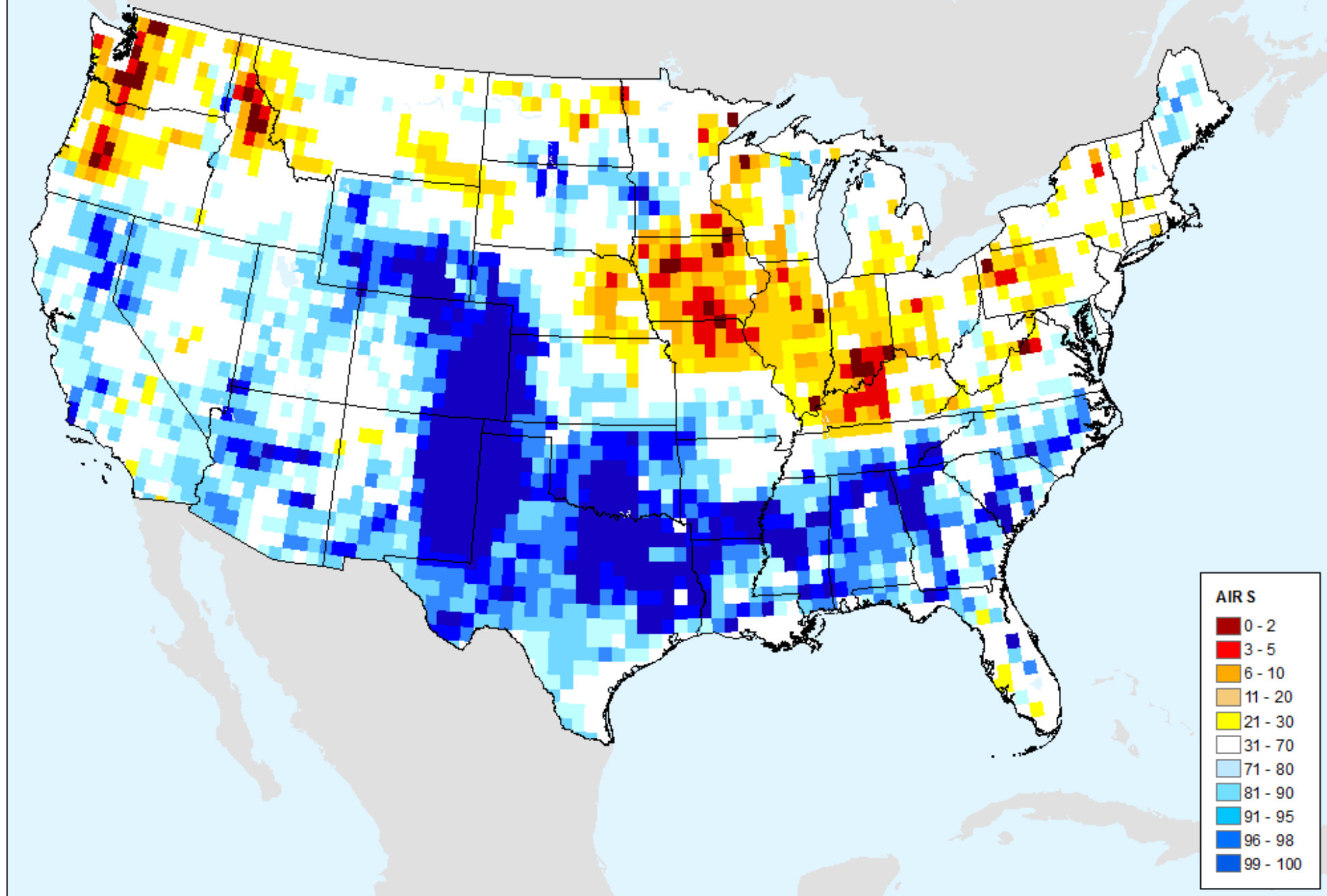
# GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, August 15, 2017



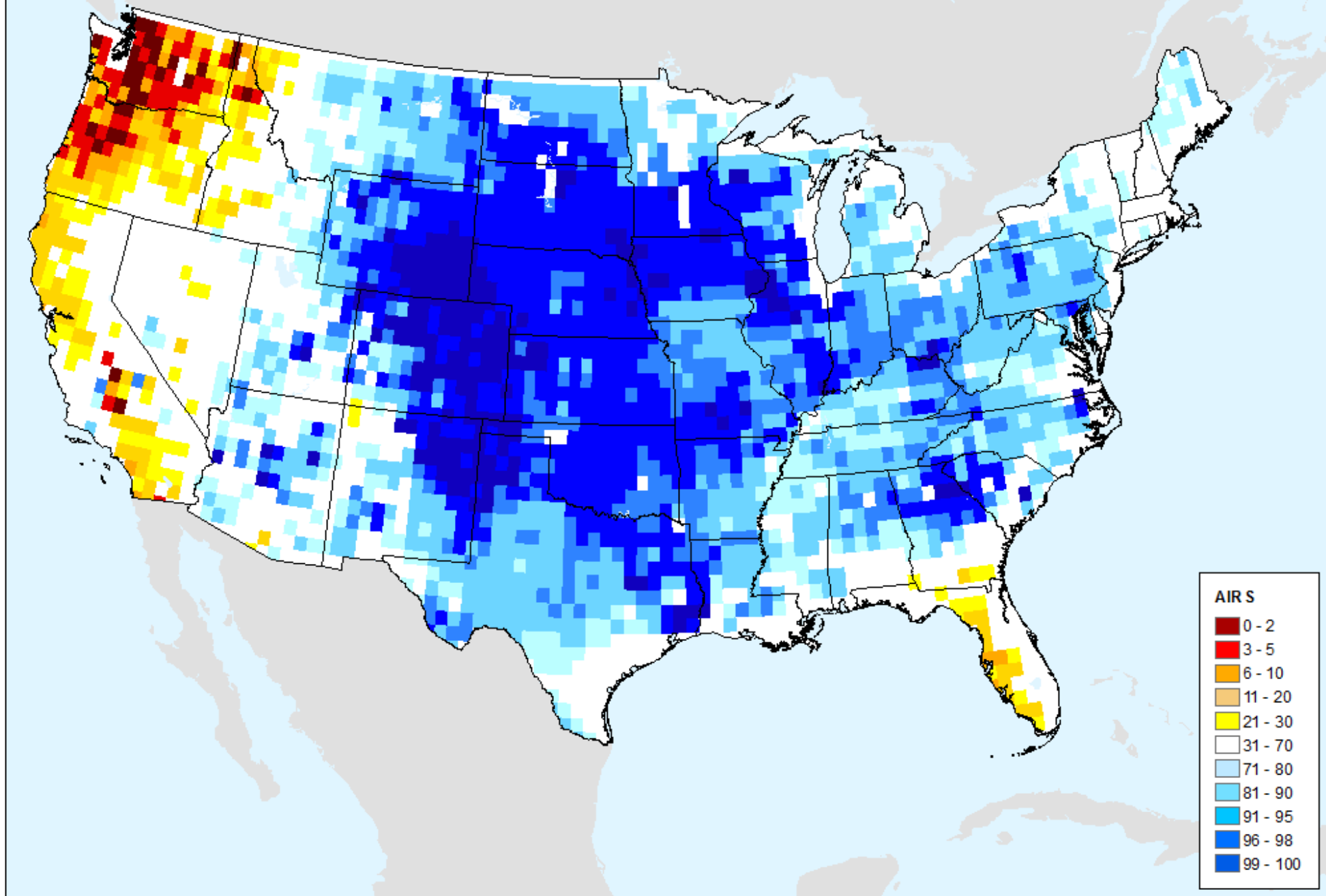
# AIRS-Based Surface Relative Humidity

As of: Tuesday, August 15, 2017



# AIRS-Based Surface Air Temperature

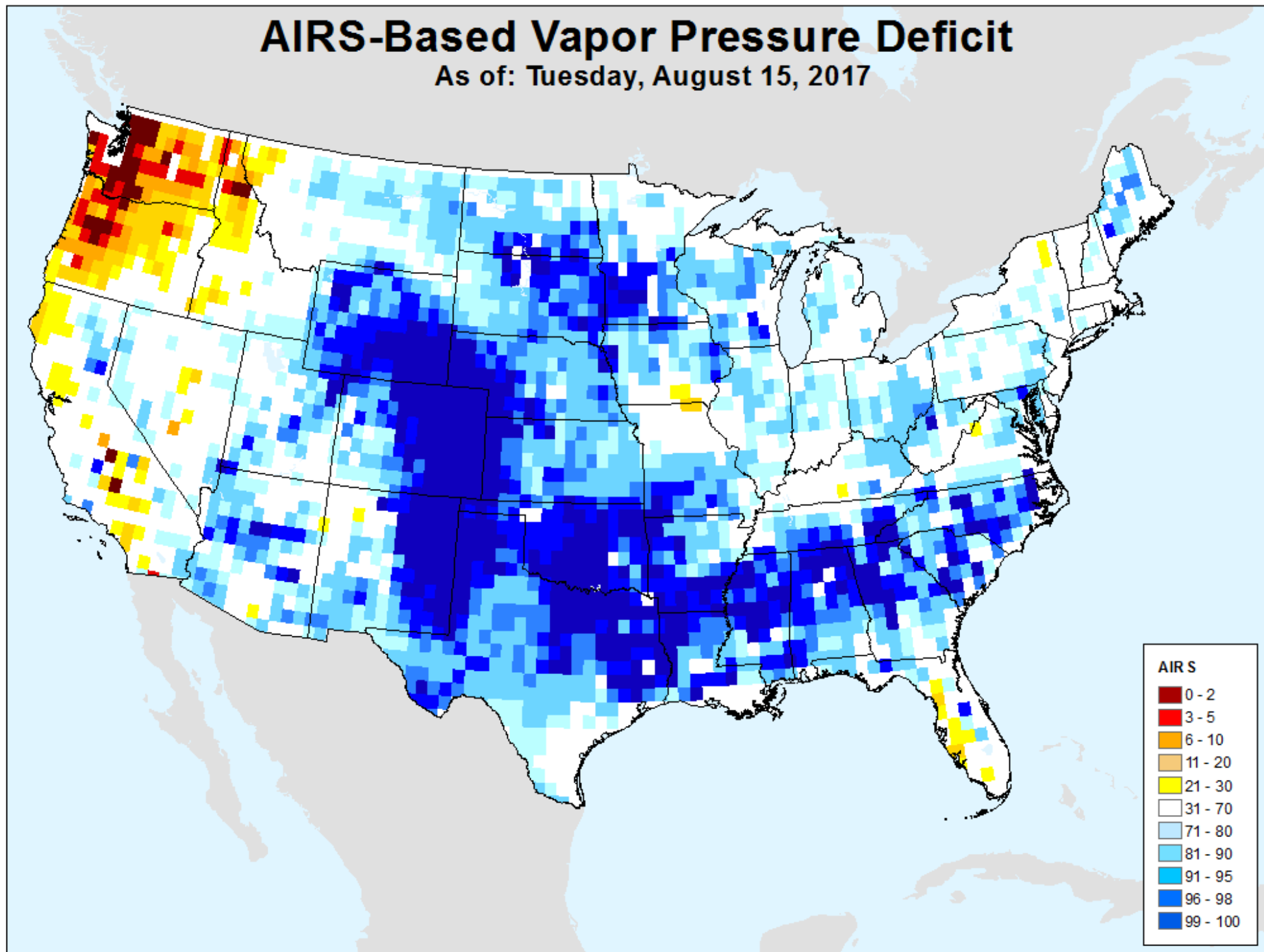
As of: Tuesday, August 15, 2017



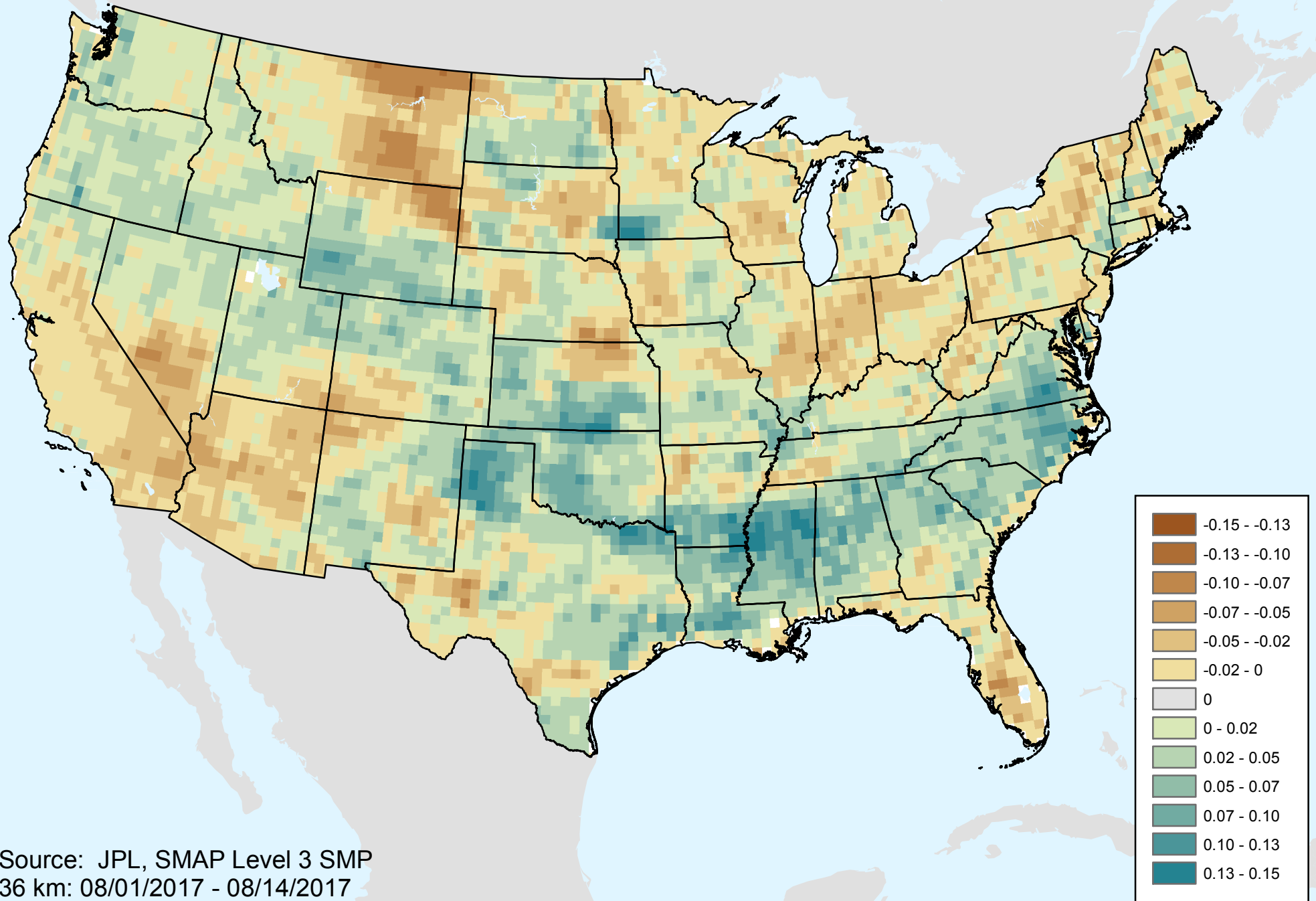


# AIRS-Based Vapor Pressure Deficit

As of: Tuesday, August 15, 2017

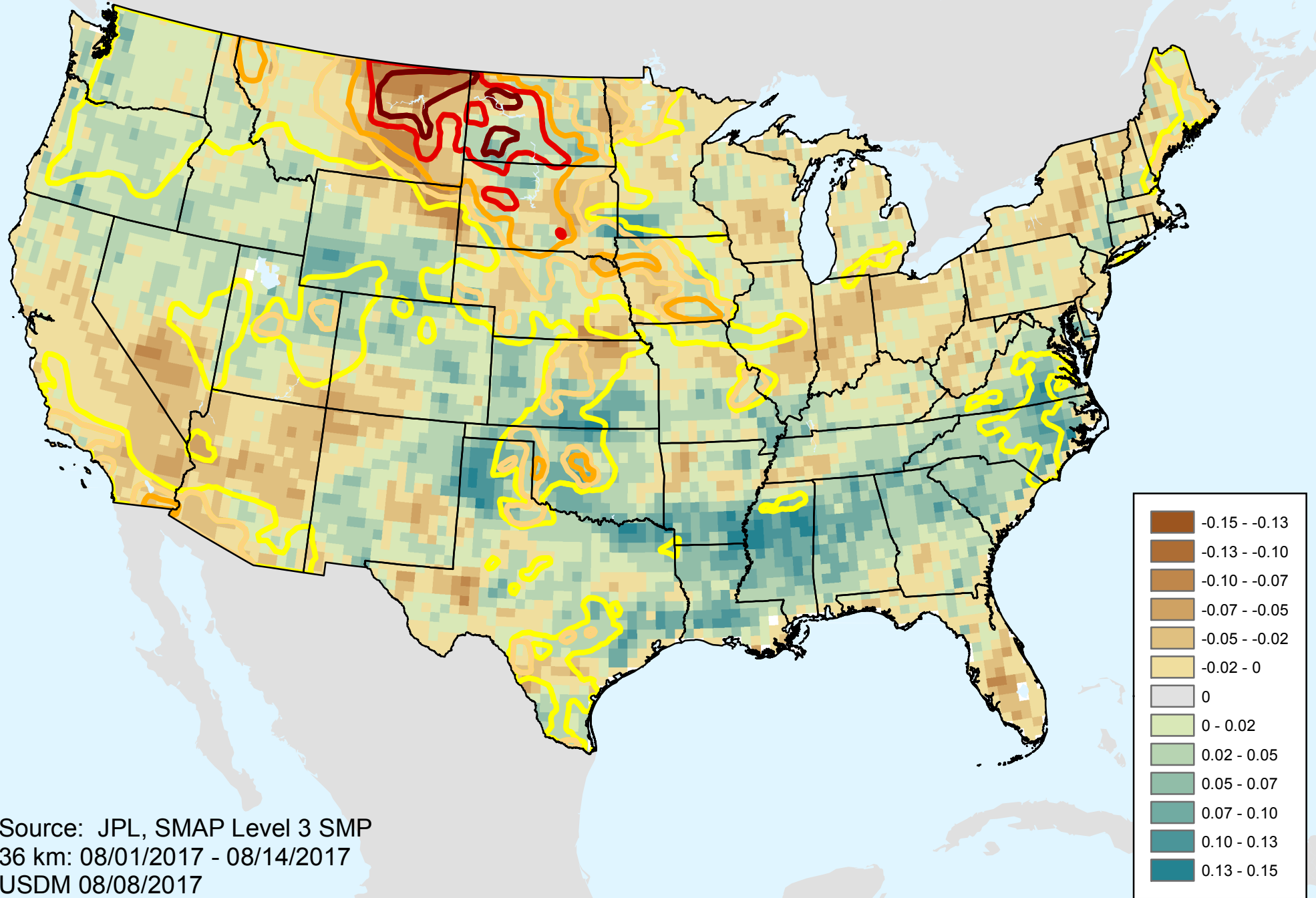


# SMAP 1-Week Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 08/01/2017 - 08/14/2017

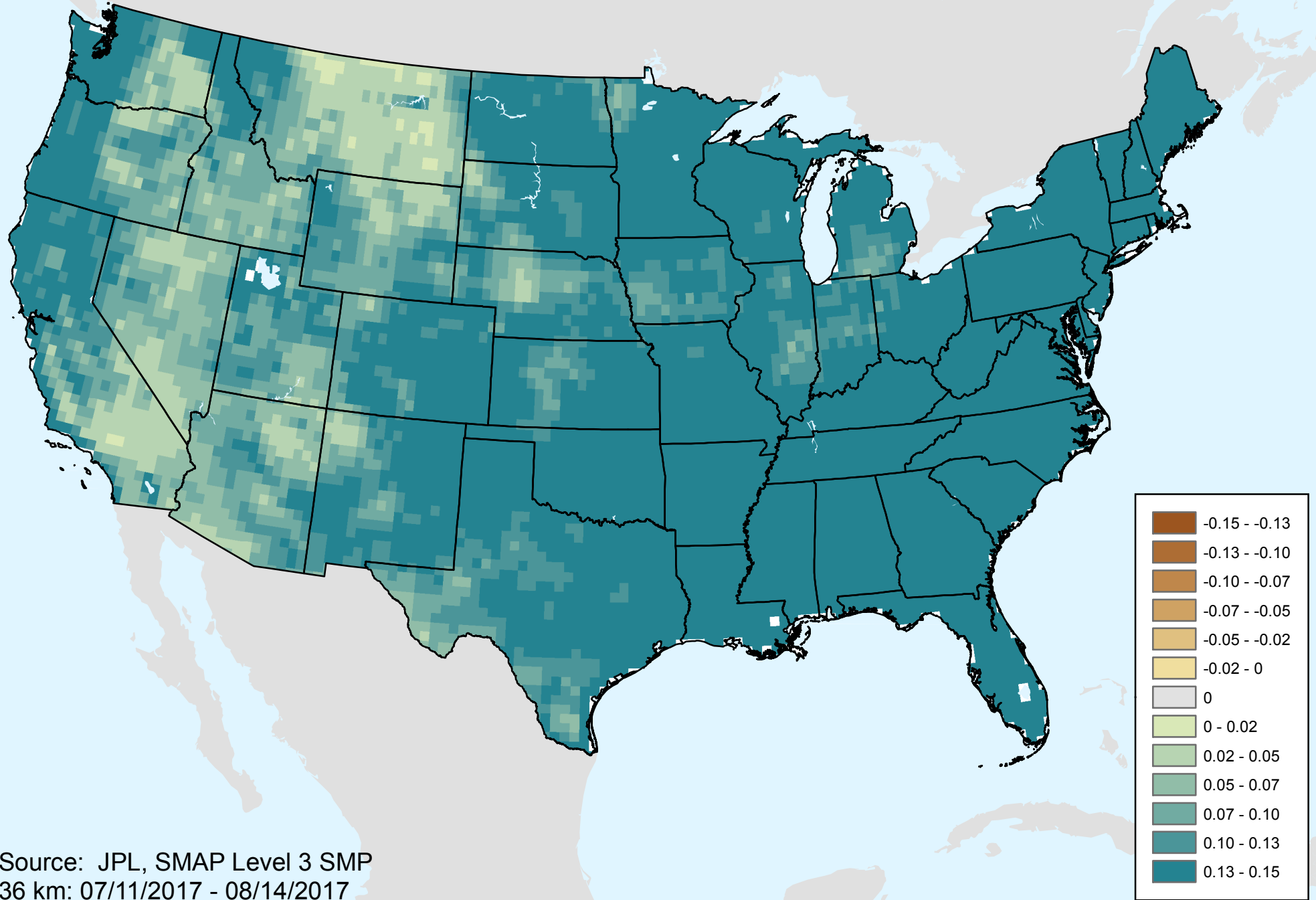
# SMAP 1-Week Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 08/01/2017 - 08/14/2017  
USDM 08/08/2017

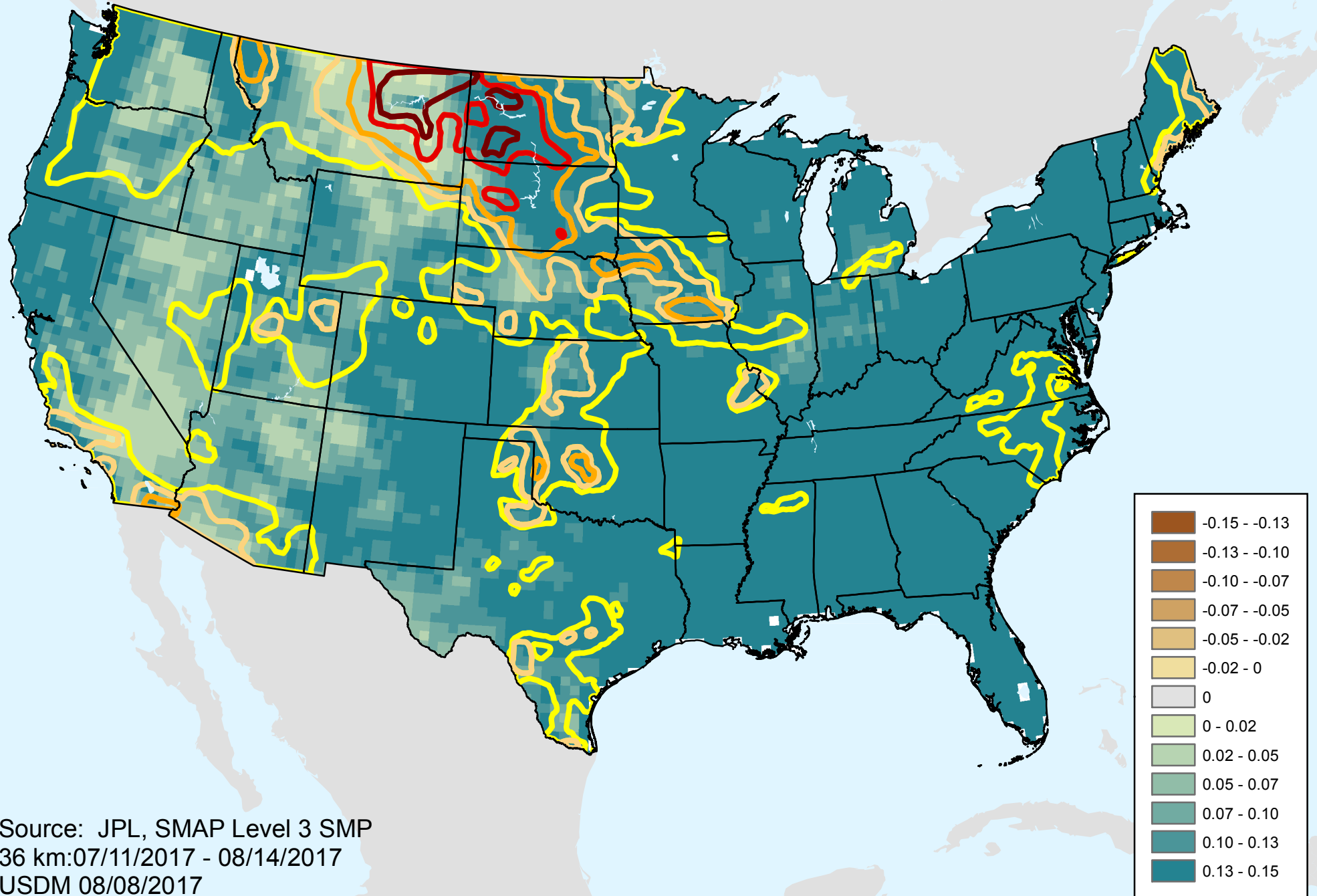


# SMAP 1-Month Change in Soil Moisture 0-5 cm

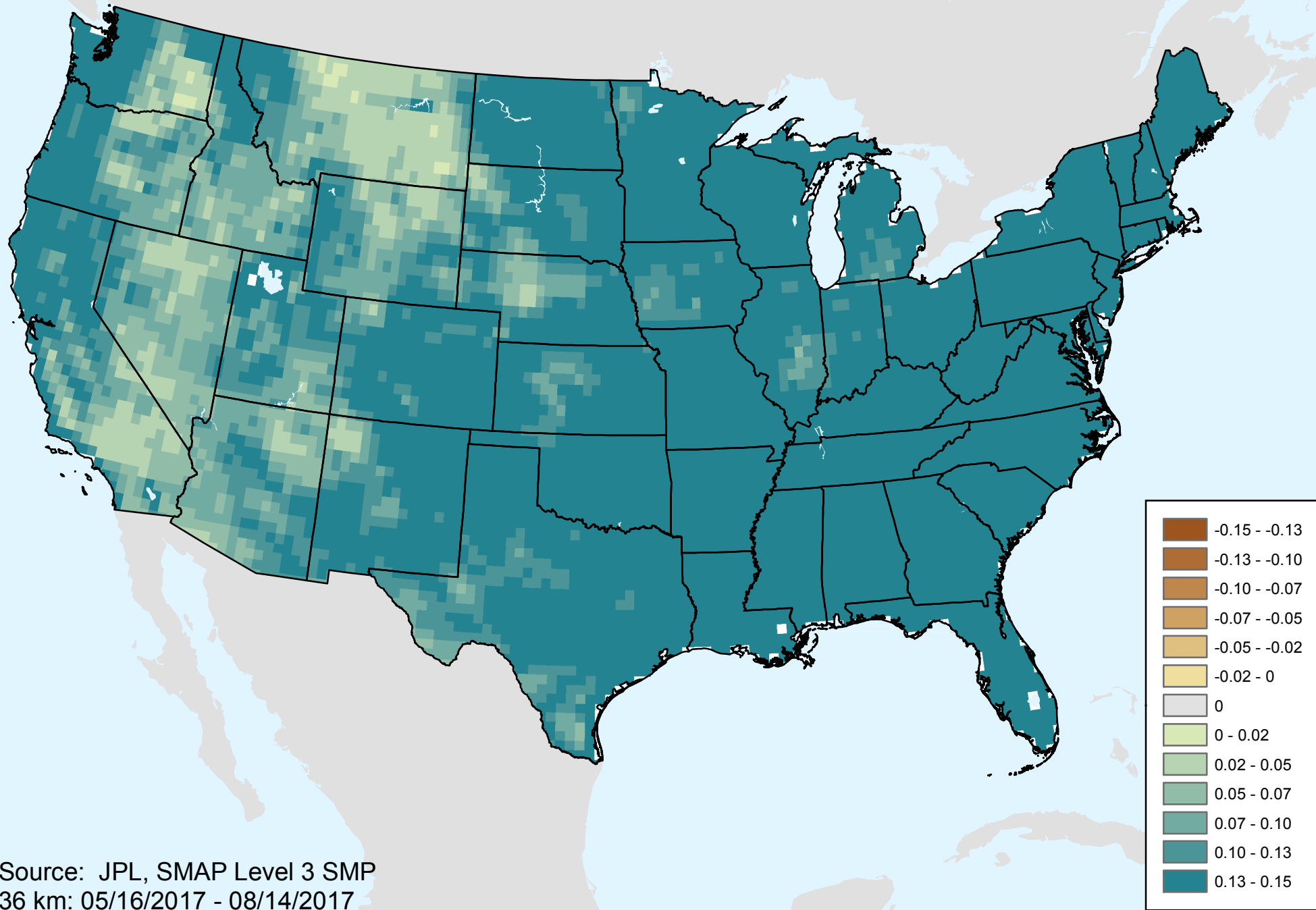


Source: JPL, SMAP Level 3 SMP  
36 km: 07/11/2017 - 08/14/2017

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



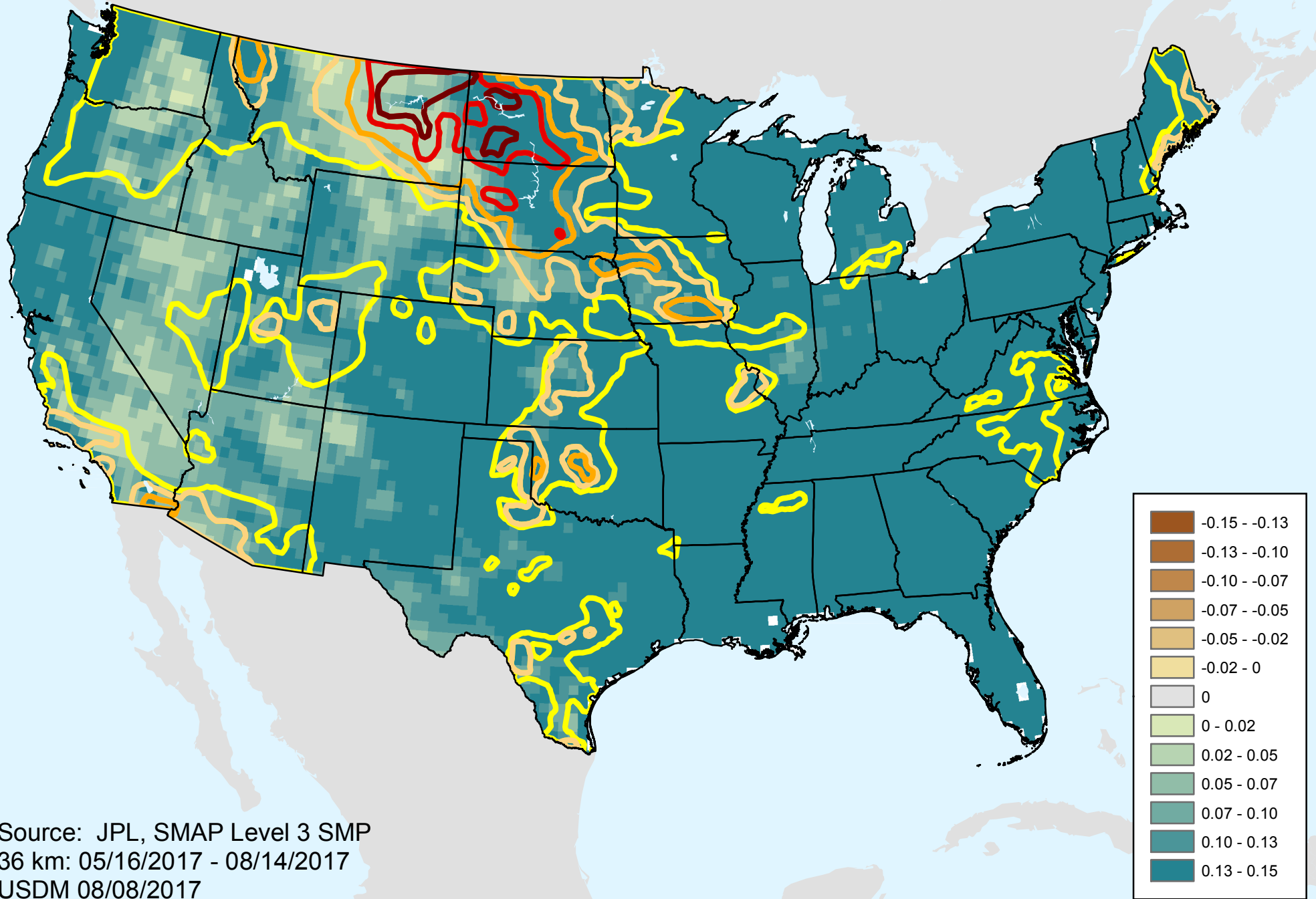
# SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 05/16/2017 - 08/14/2017



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



Source: JPL, SMAP Level 3 SMP  
36 km: 05/16/2017 - 08/14/2017  
USDM 08/08/2017