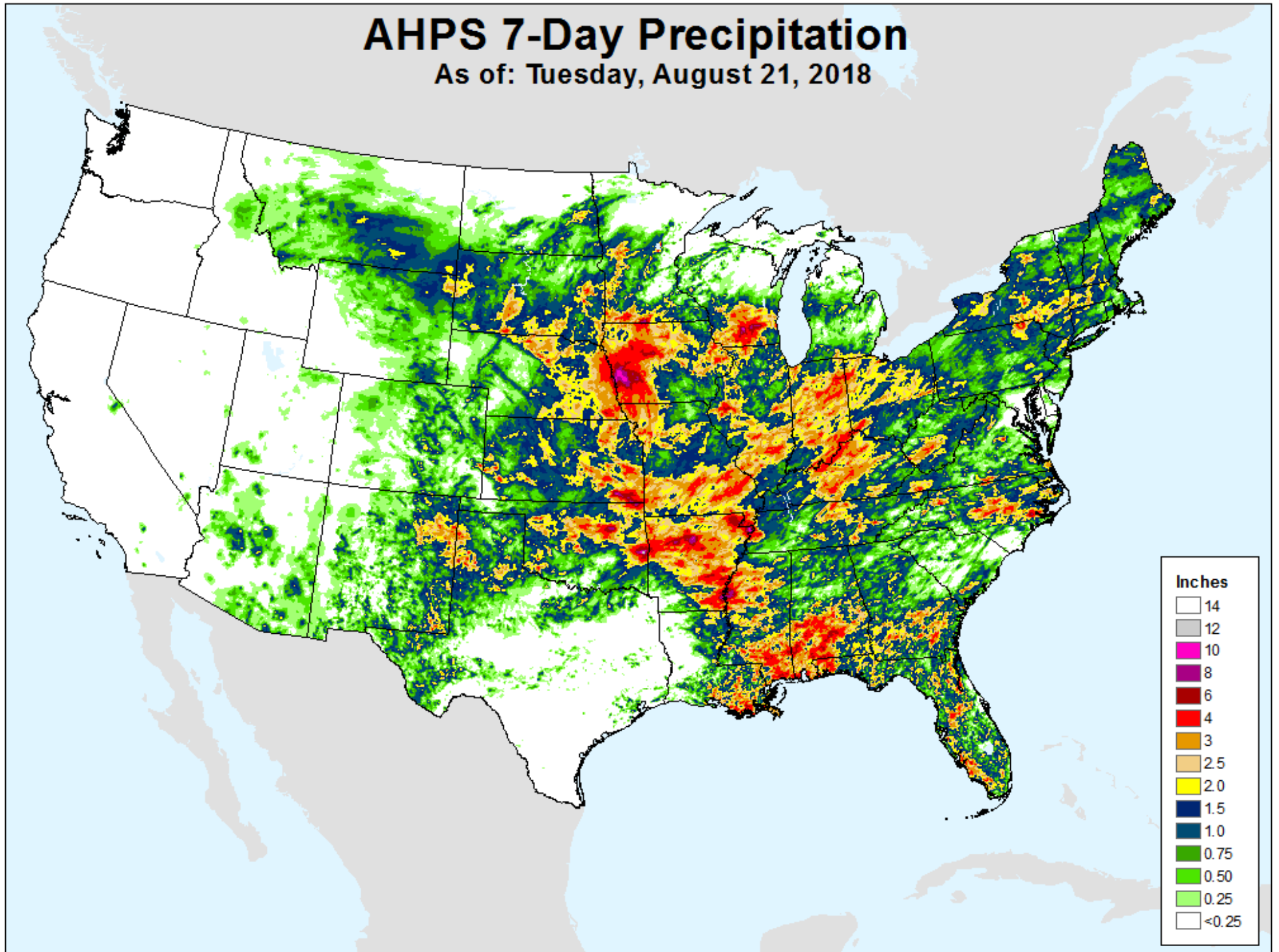


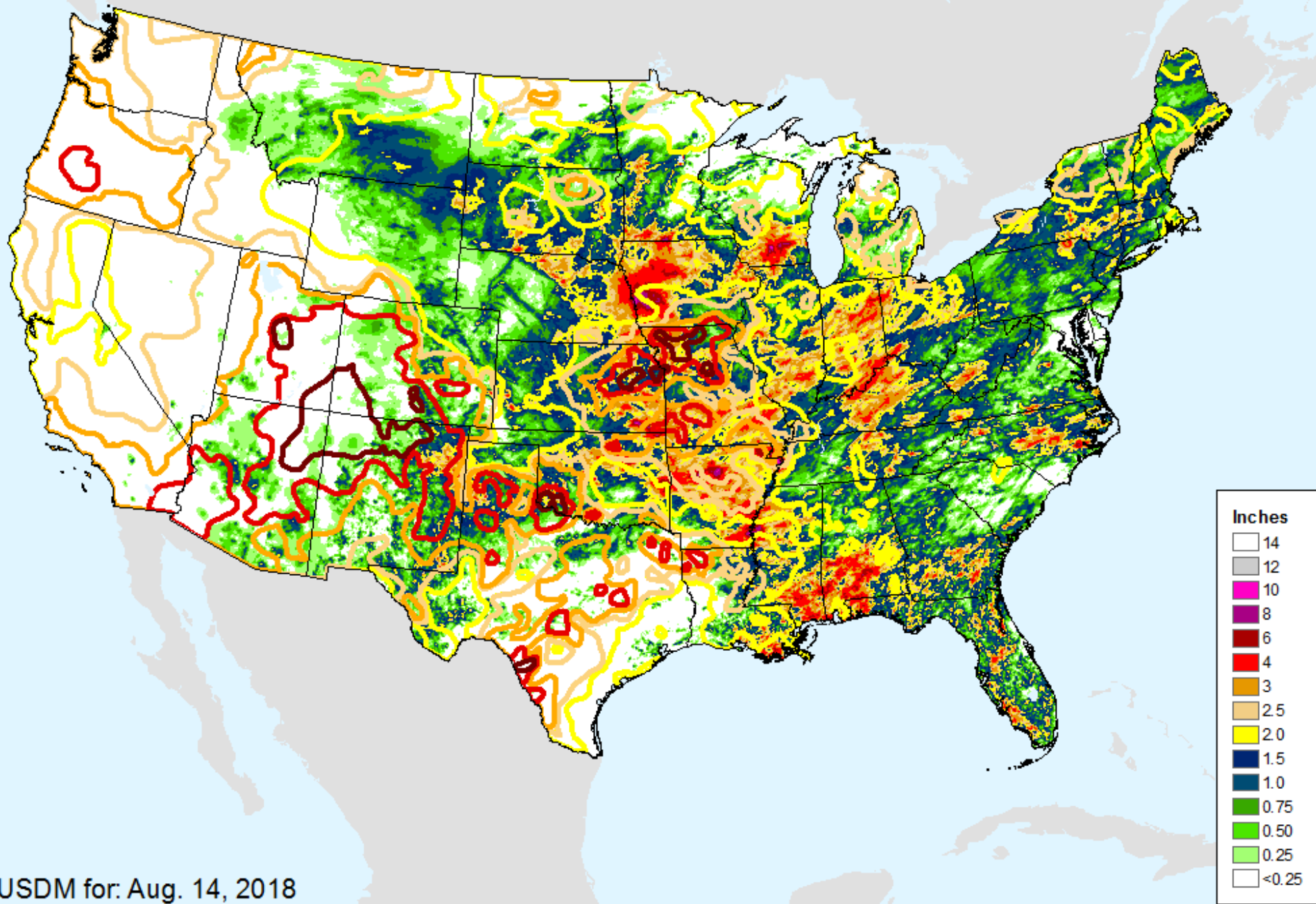
AHPS 7-Day Precipitation

As of: Tuesday, August 21, 2018



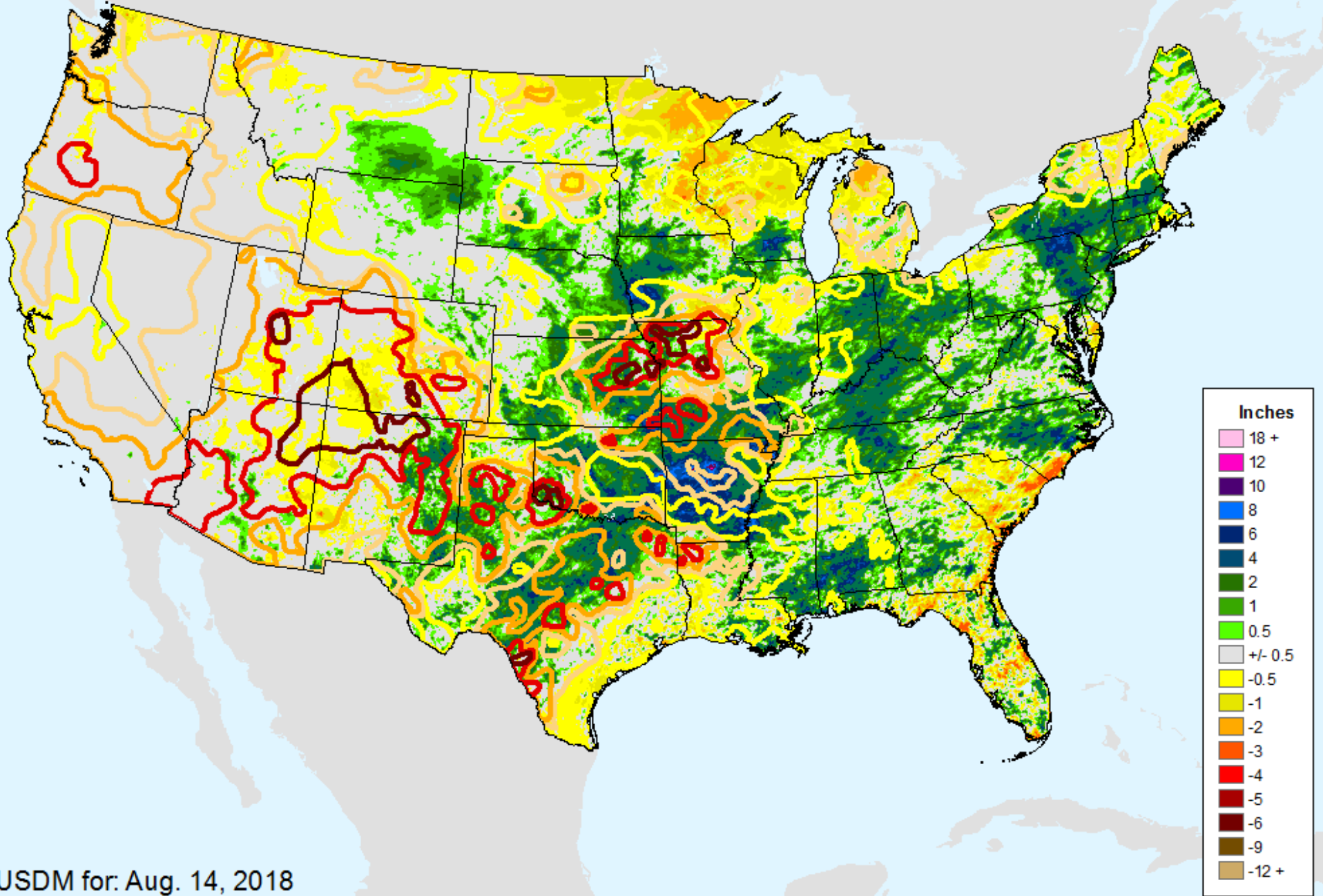
AHPS 7-Day Precipitation

As of: Tuesday, August 21, 2018



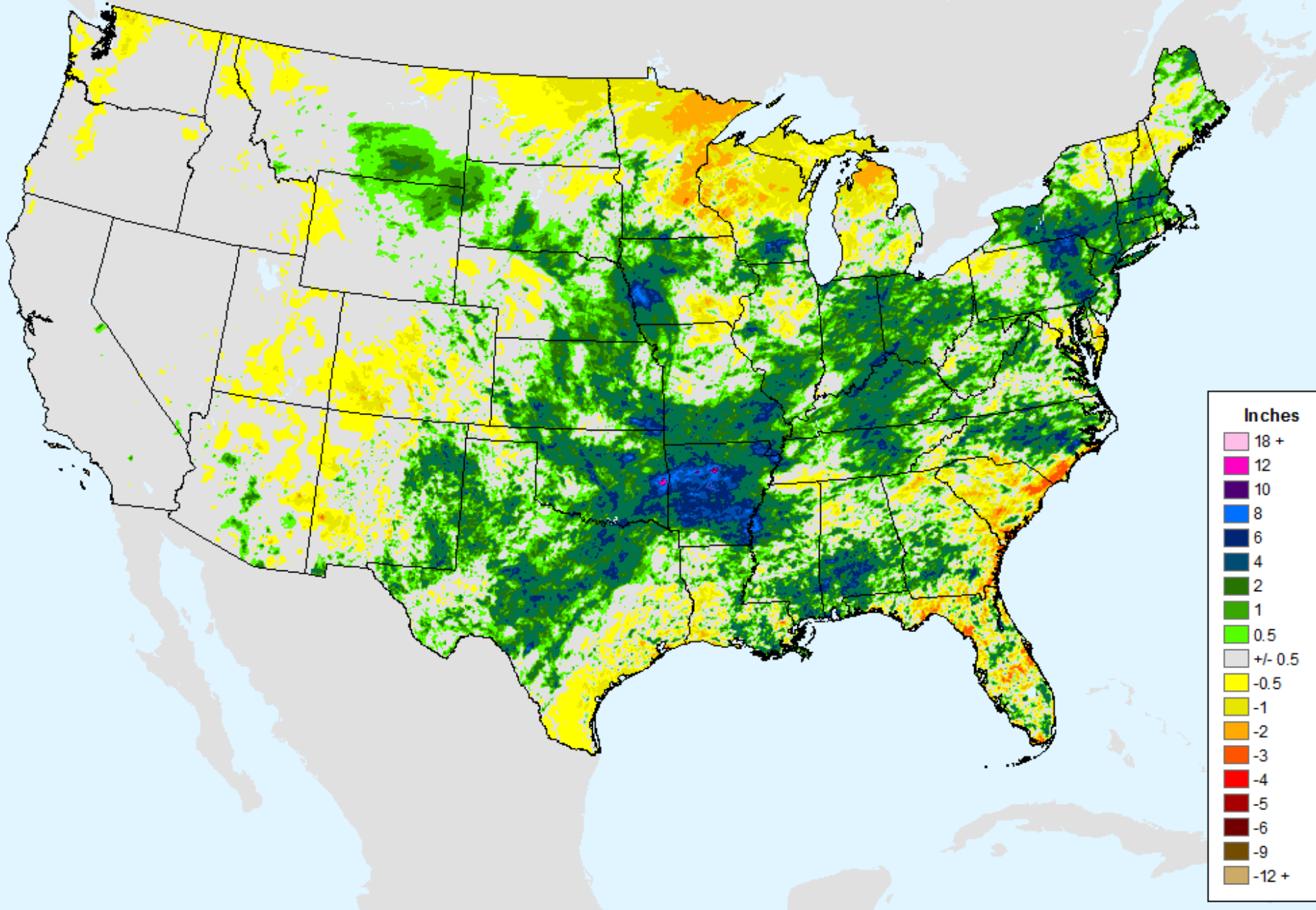
AHPS 14-Day Precip Departure

As of: Tuesday, August 21, 2018



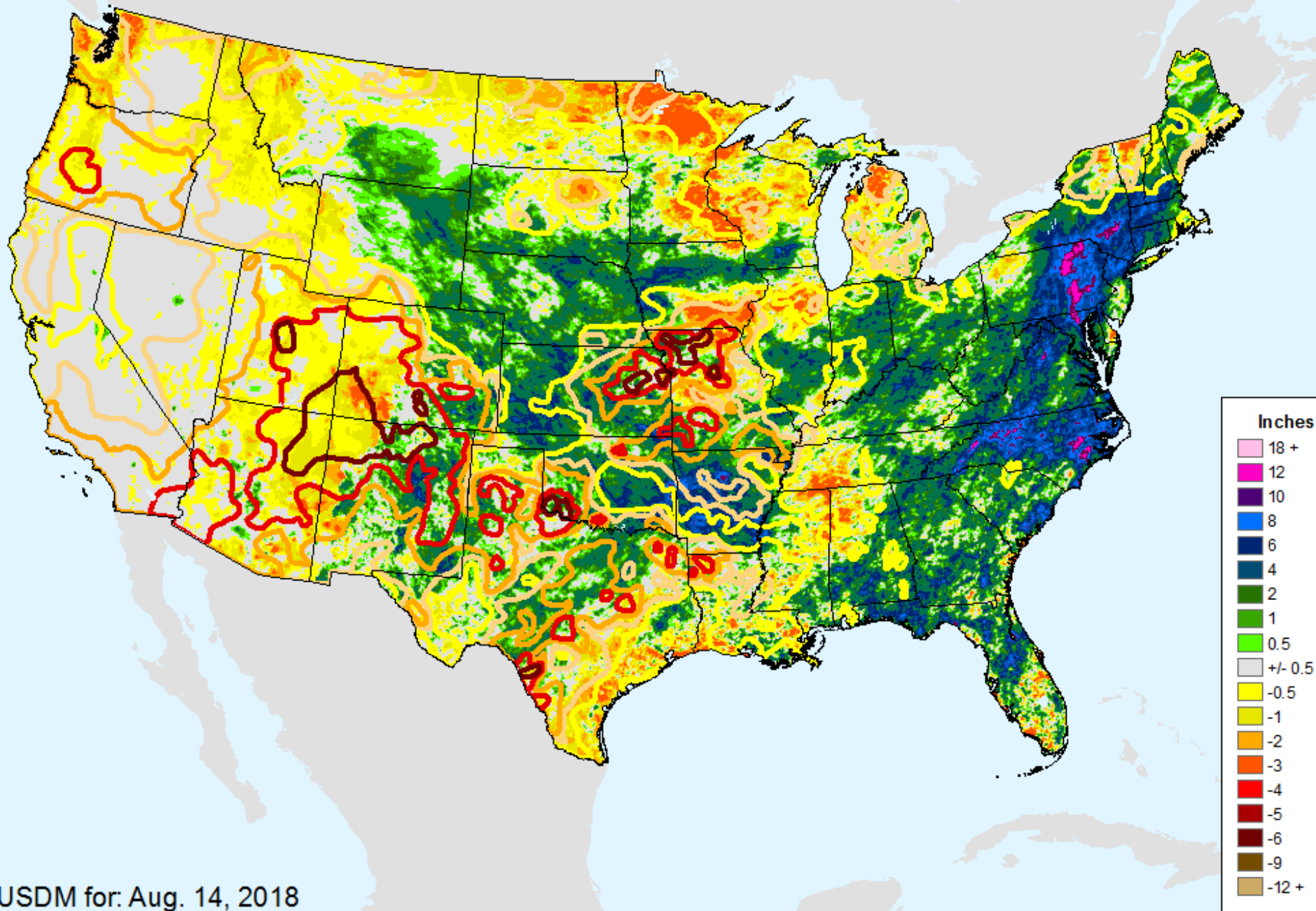
AHPS 14-Day Precip Departure

As of: Tuesday, August 21, 2018



AHPS 30-Day Precip Departure

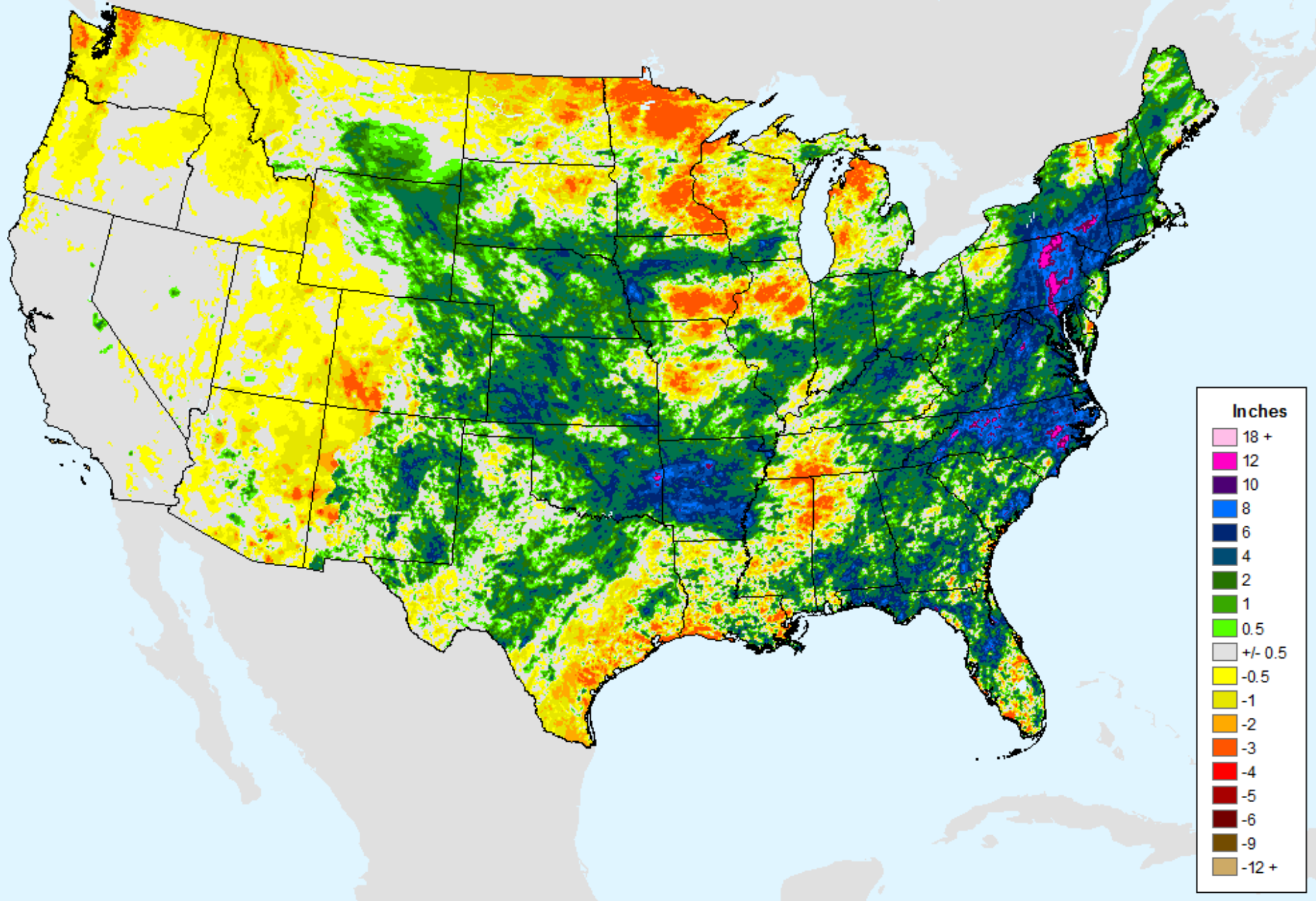
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

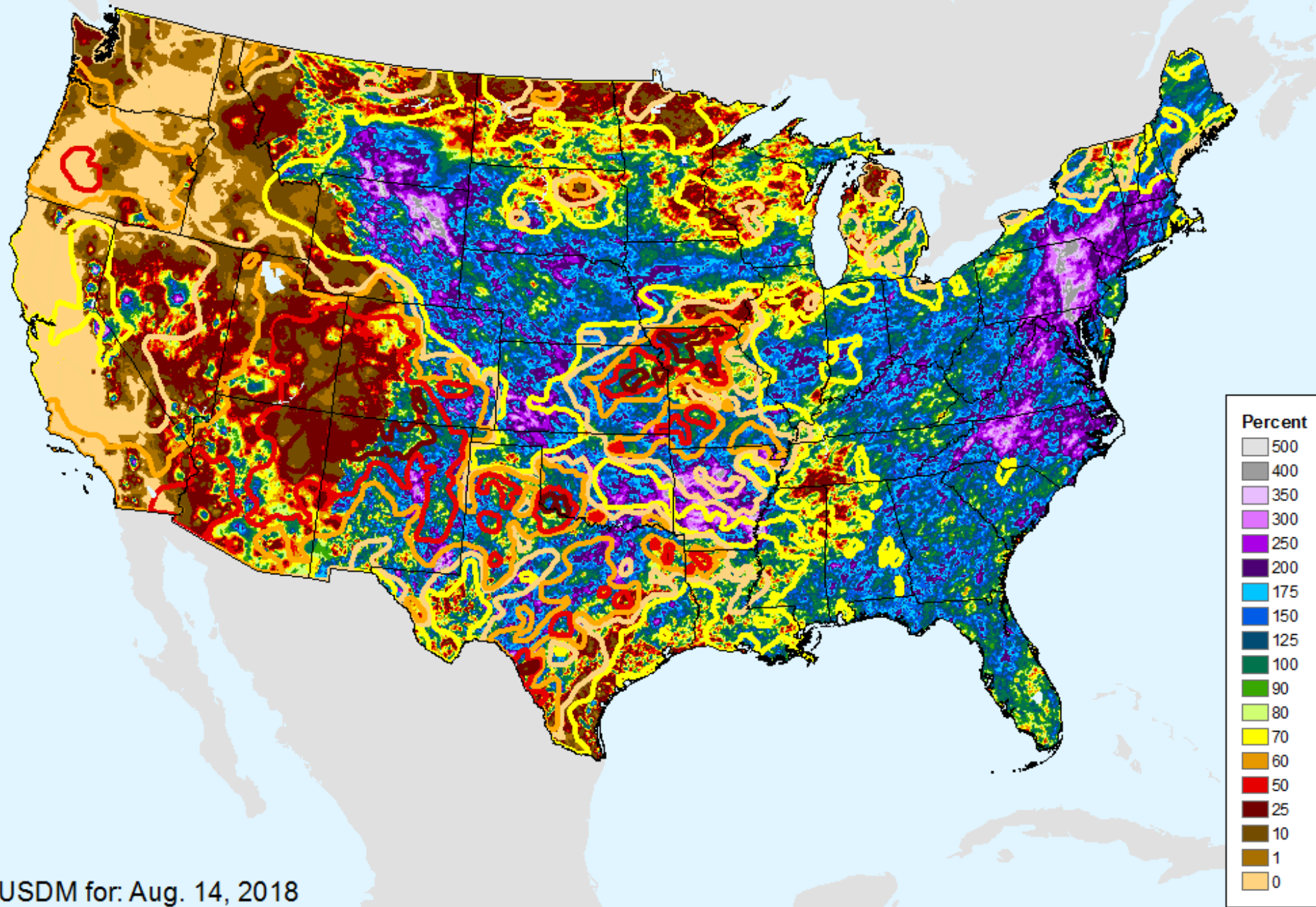
AHPS 30-Day Precip Departure

As of: Tuesday, August 21, 2018



AHPS 30-Day Pct of Normal Pcp

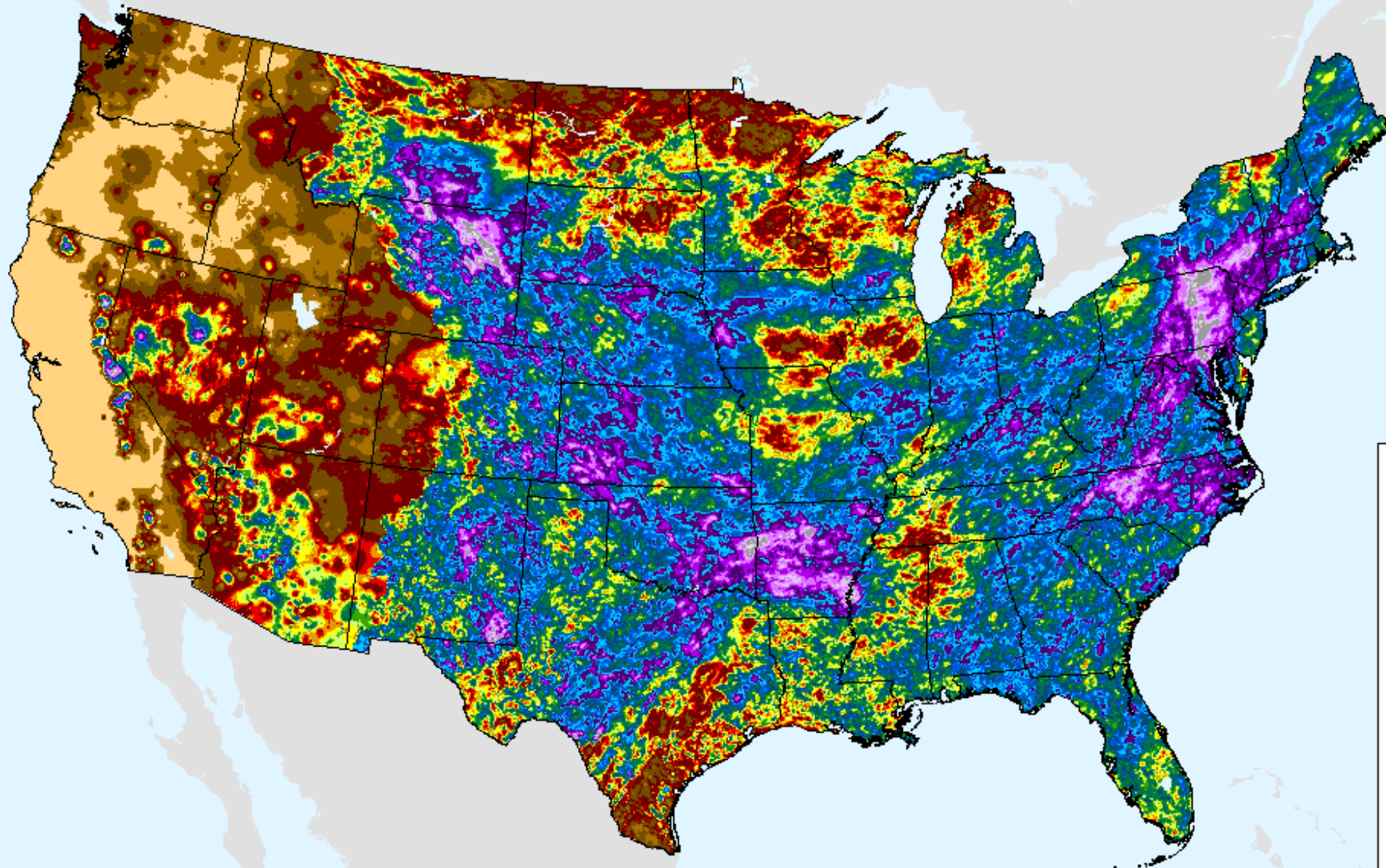
As of: Tuesday, August 21, 2018



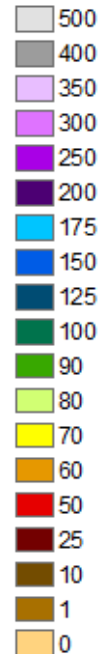
USDM for: Aug. 14, 2018

AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, August 21, 2018

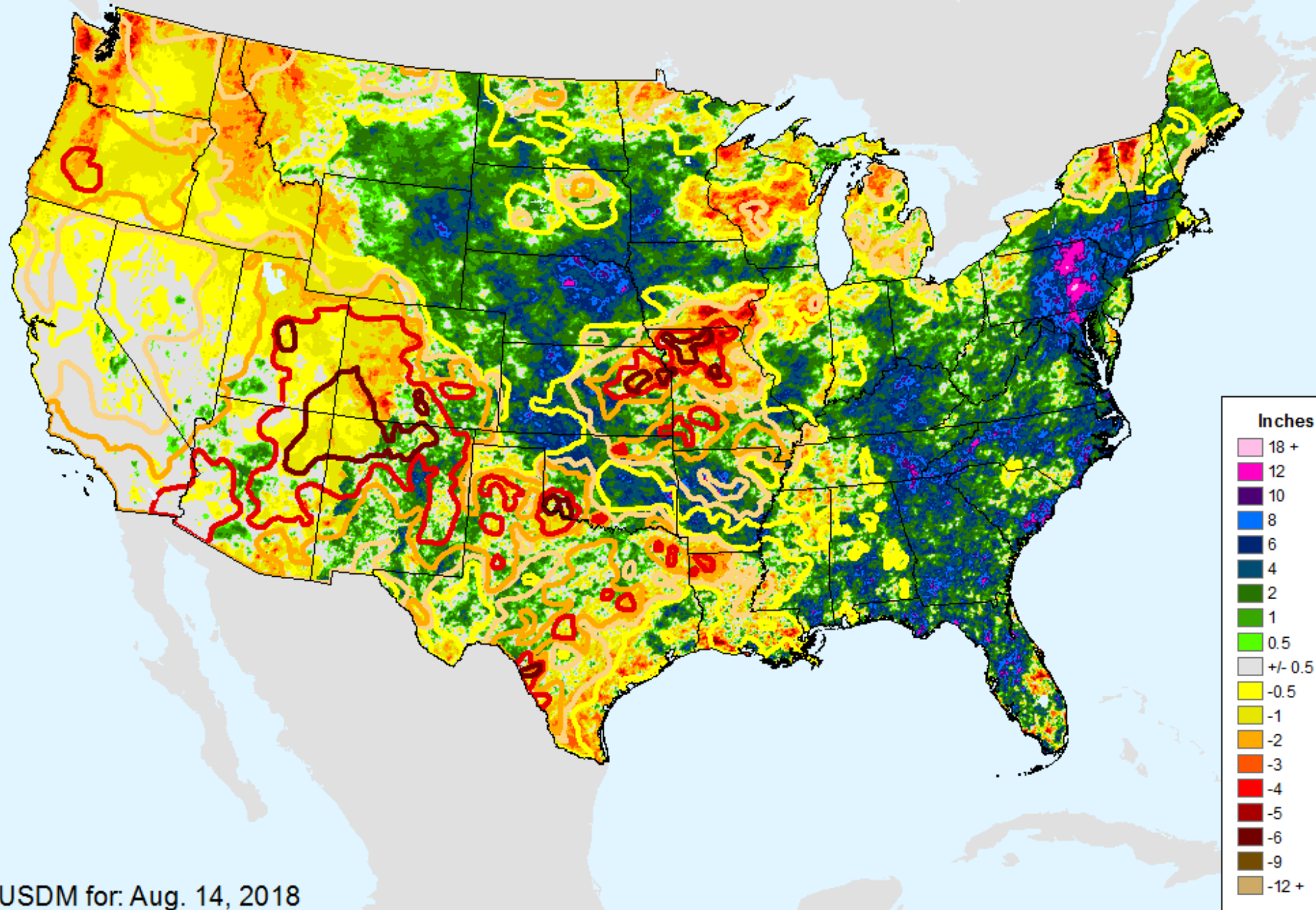


Percent



AHPS 60-Day Precip Departure

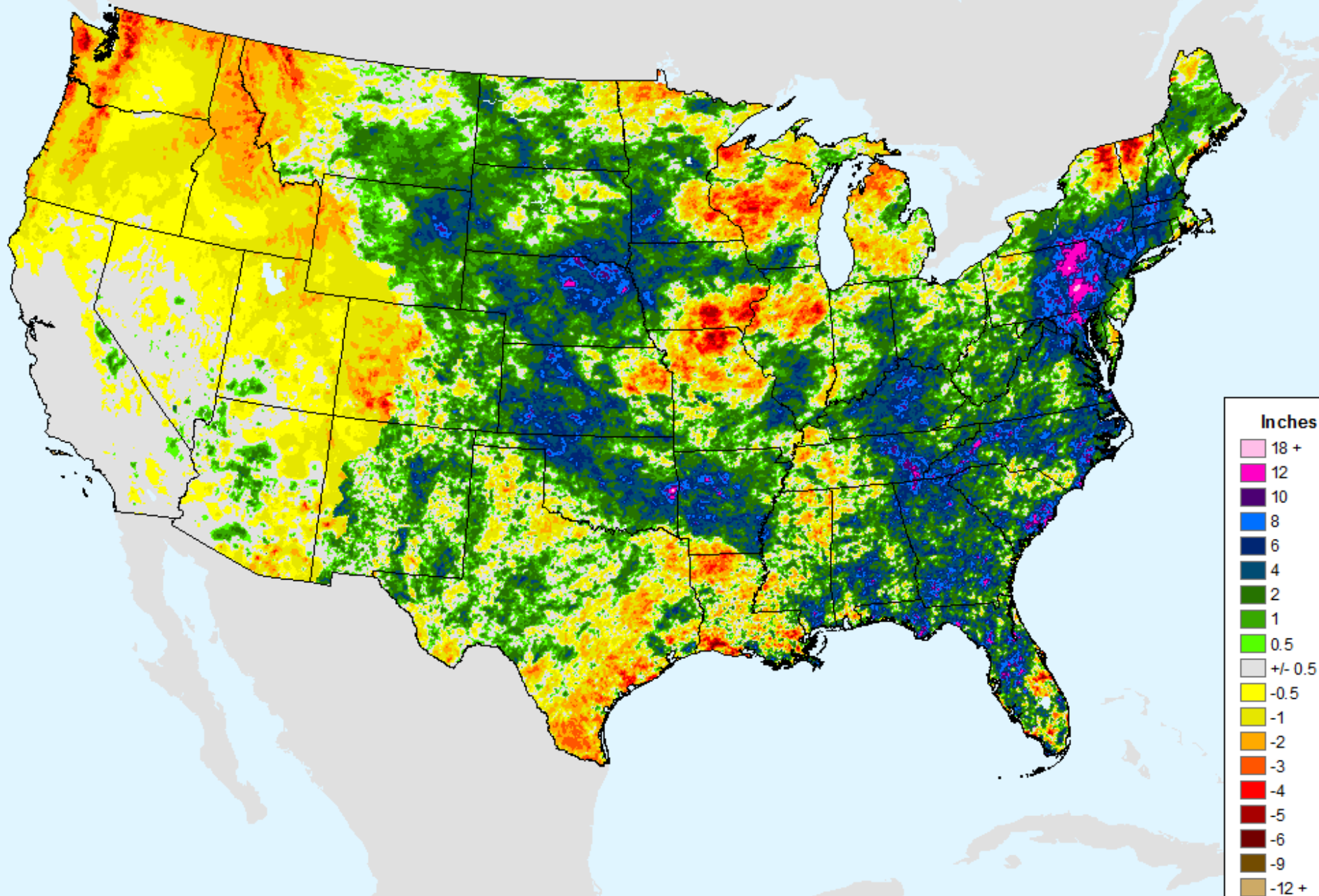
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

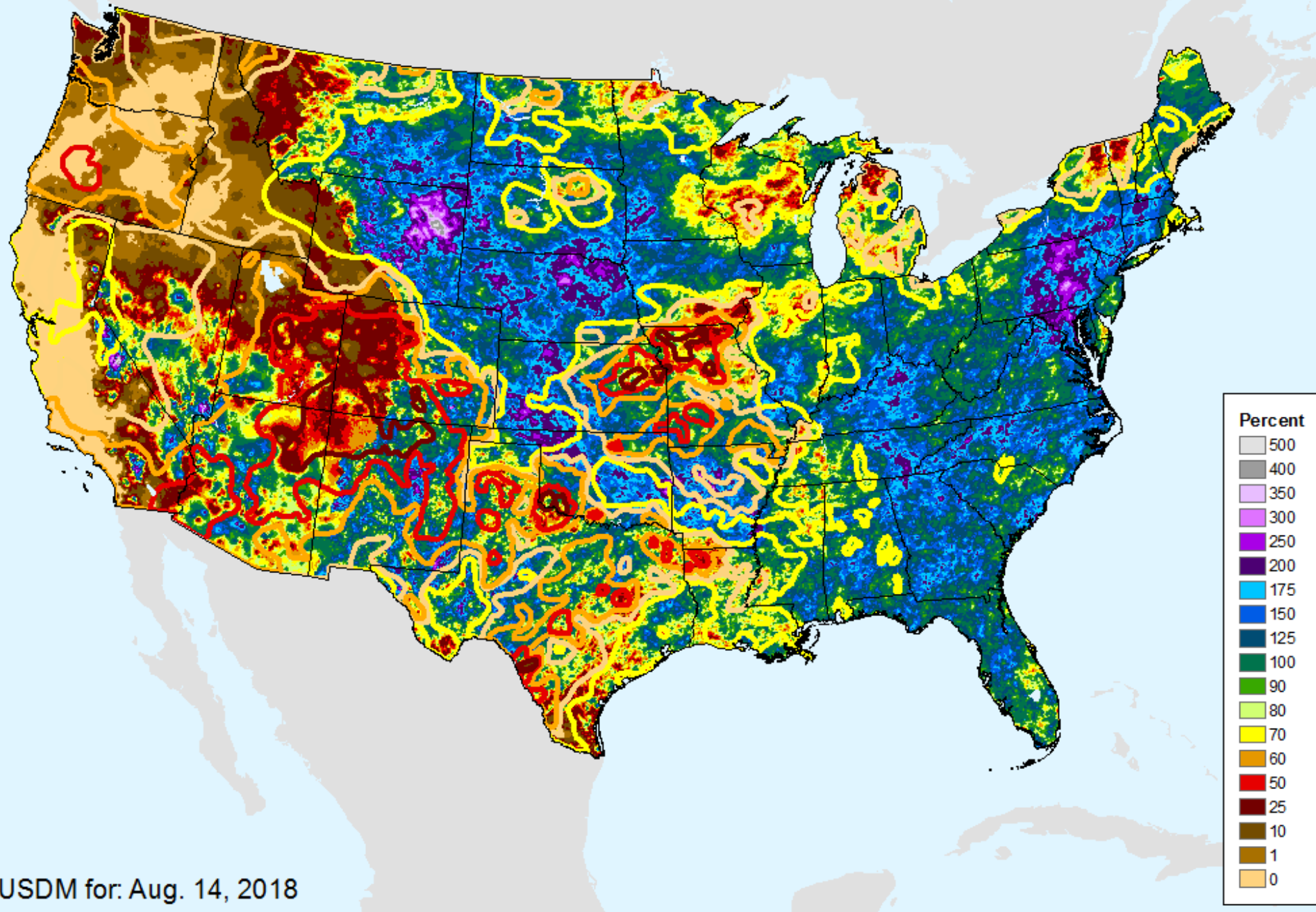
AHPS 60-Day Precip Departure

As of: Tuesday, August 21, 2018



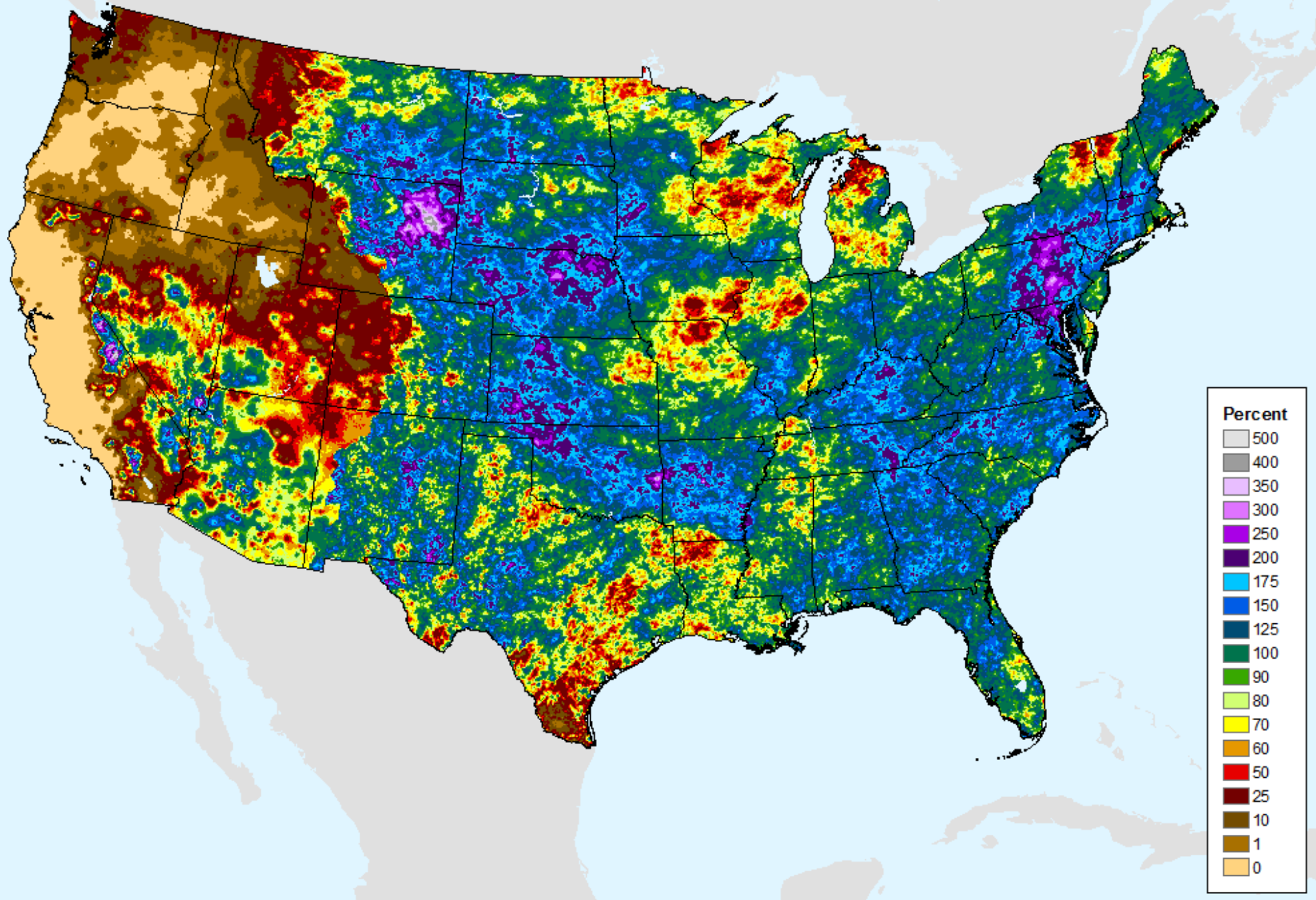
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, August 21, 2018



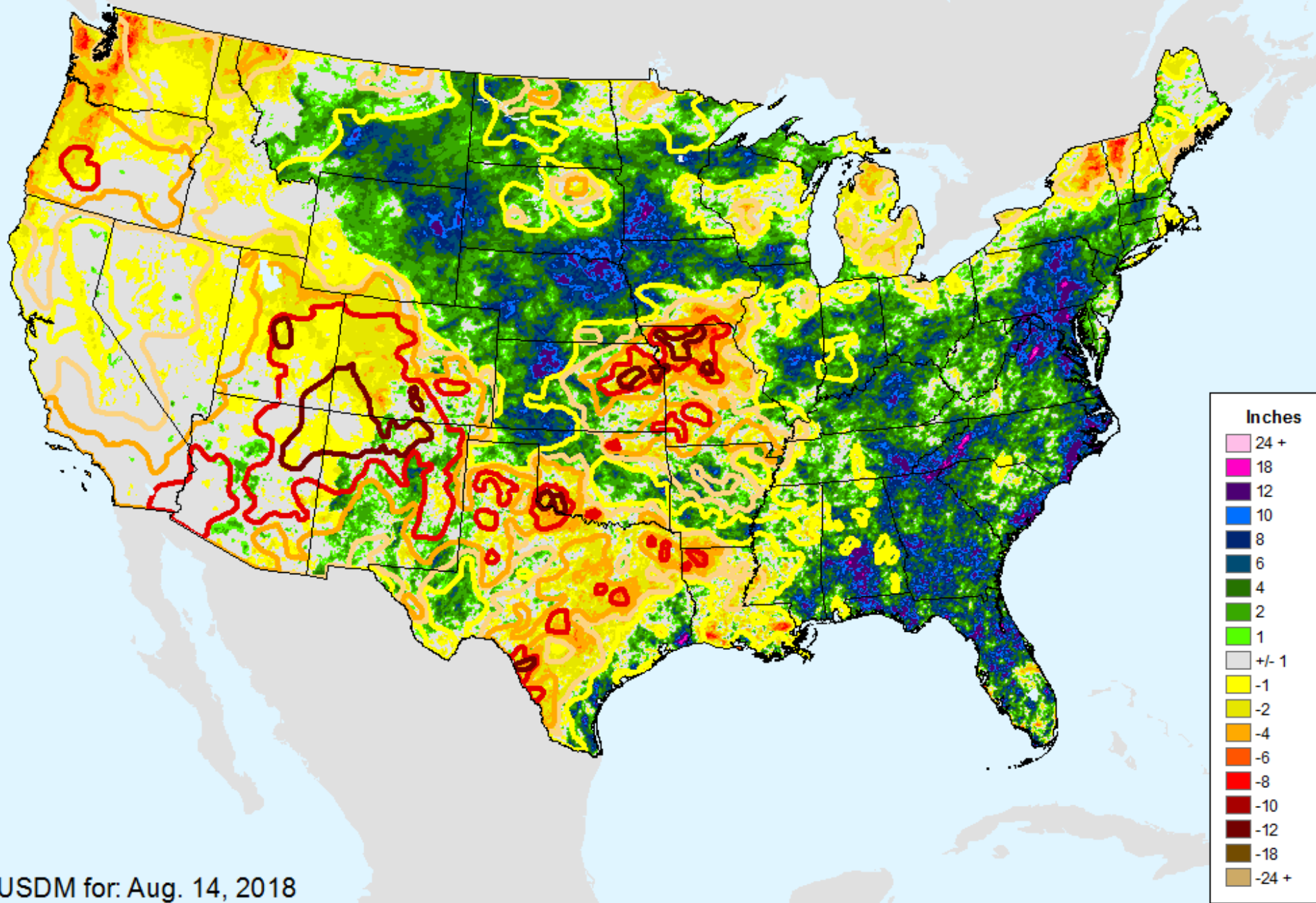
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, August 21, 2018



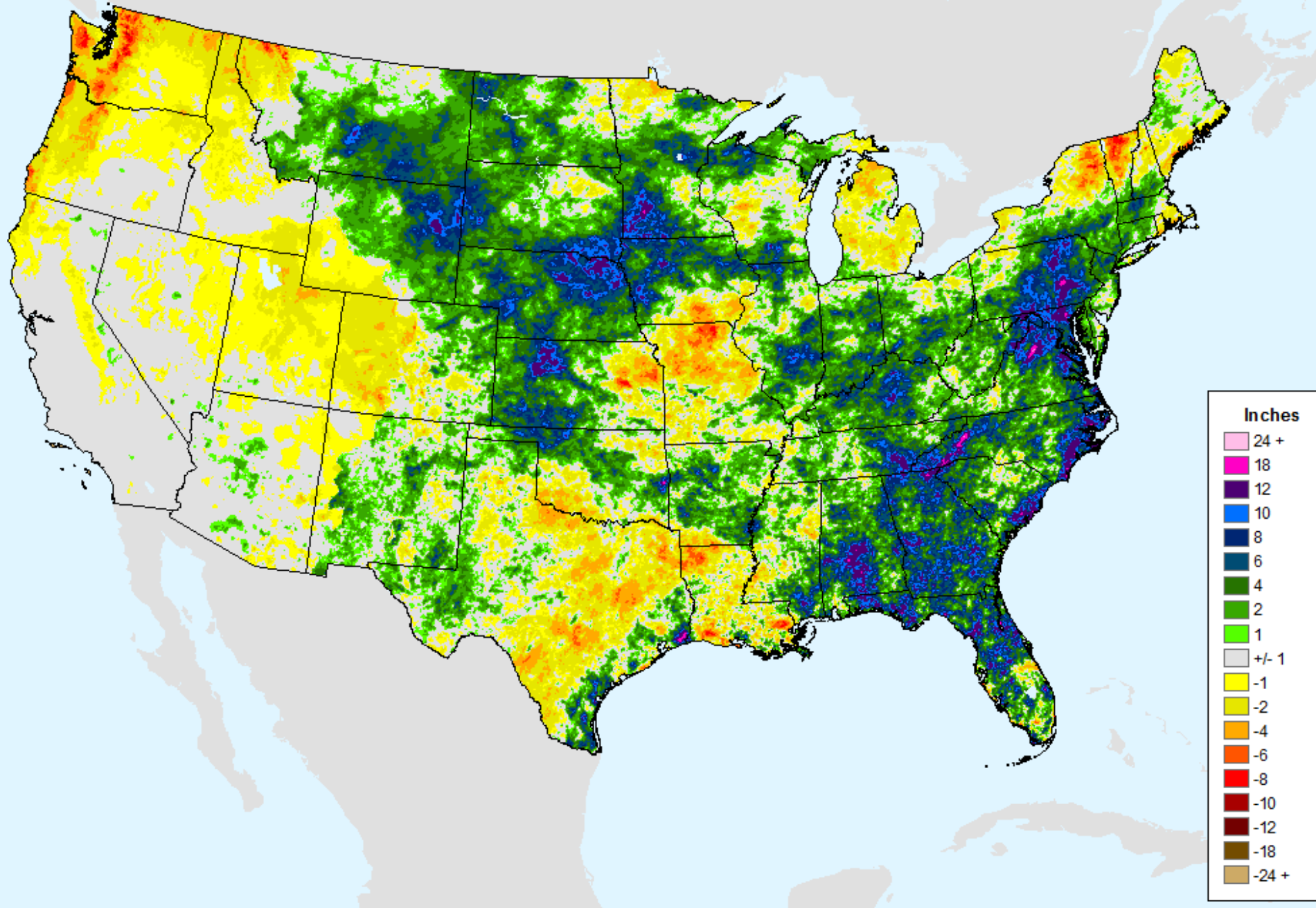
AHPS 90-Day Precip Departure

As of: Tuesday, August 21, 2018



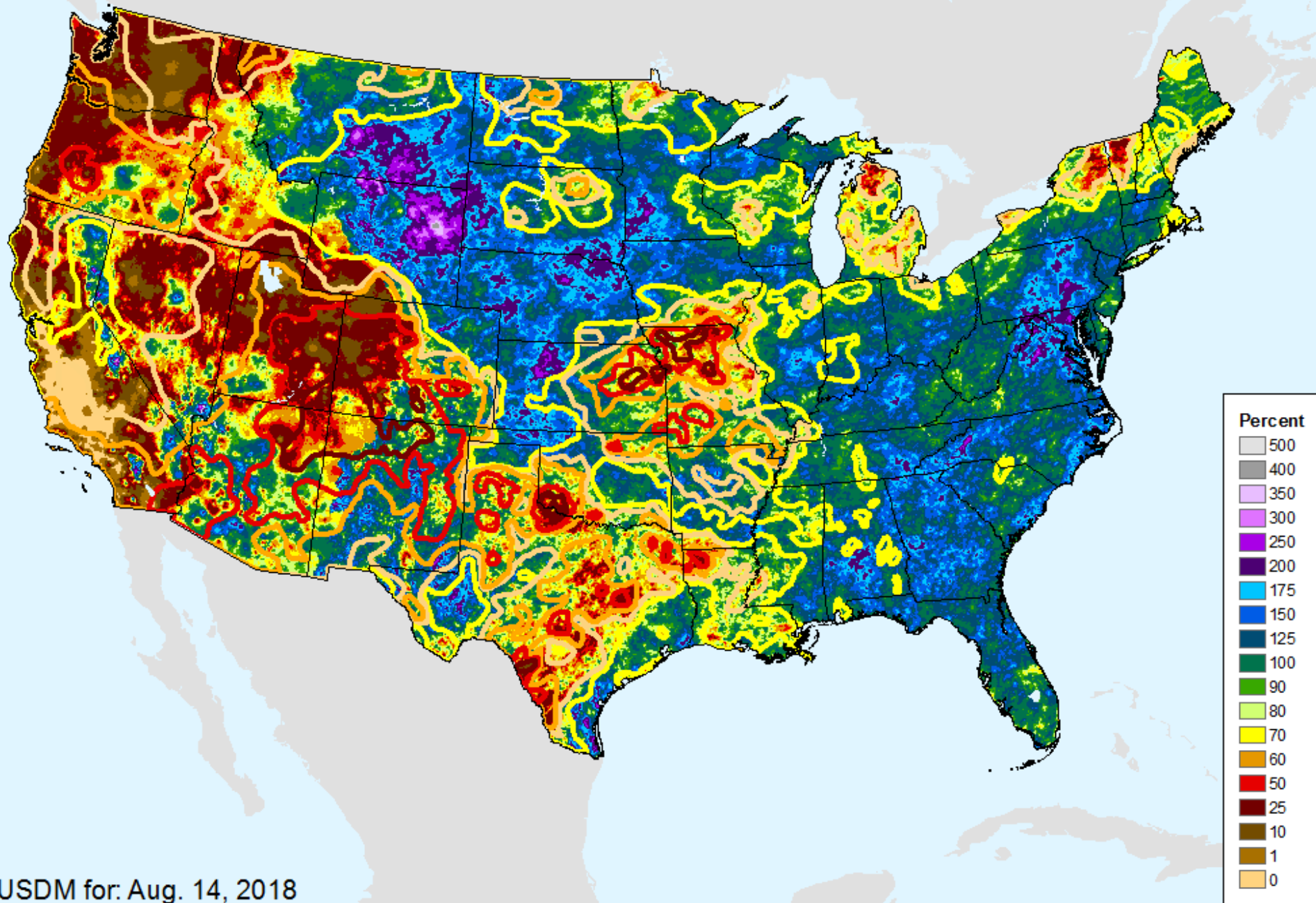
AHPS 90-Day Precip Departure

As of: Tuesday, August 21, 2018



AHPS 90-Day Pct of Normal Pcp

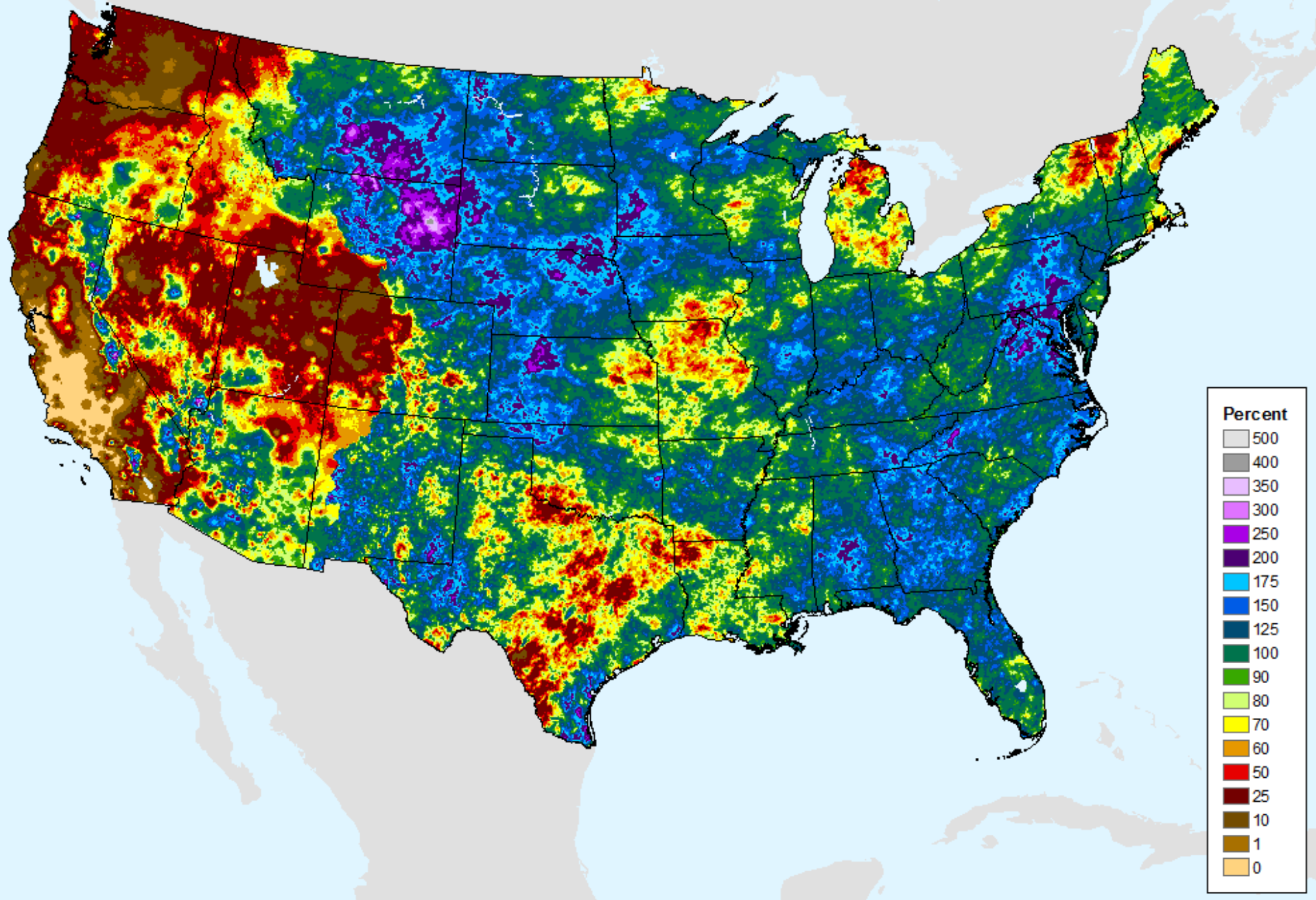
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

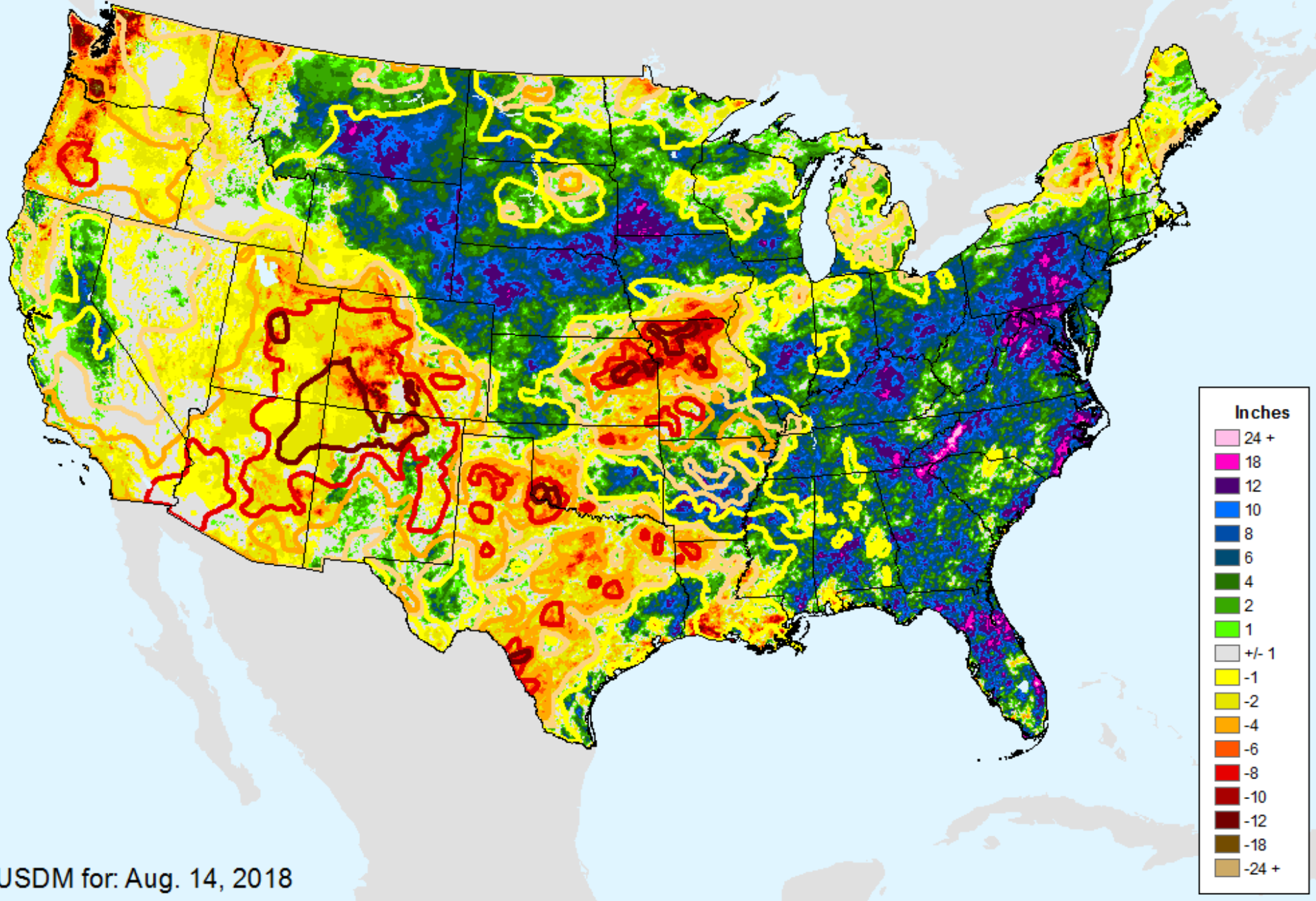
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, August 21, 2018



AHPS 180-Day Precip Departure

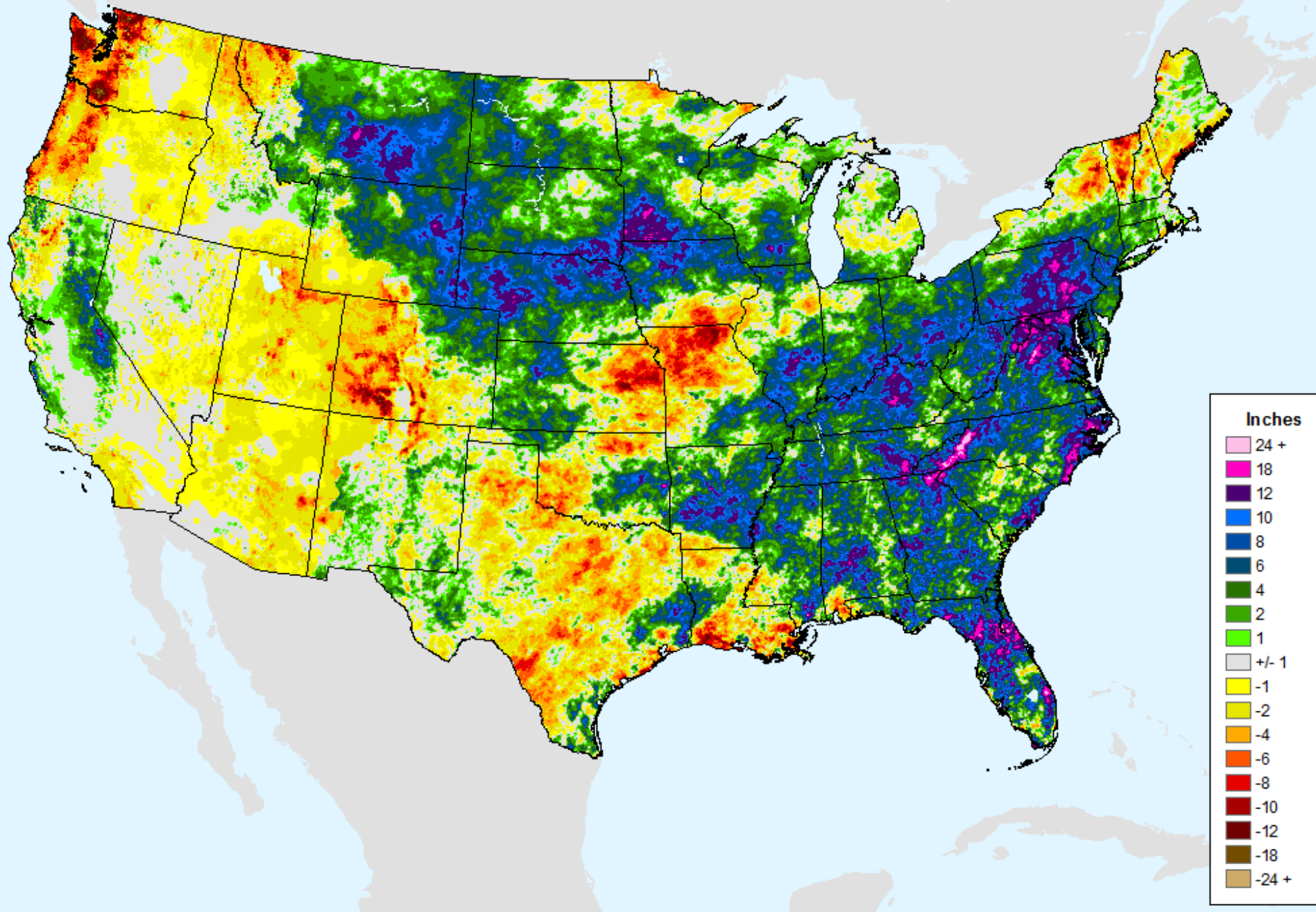
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

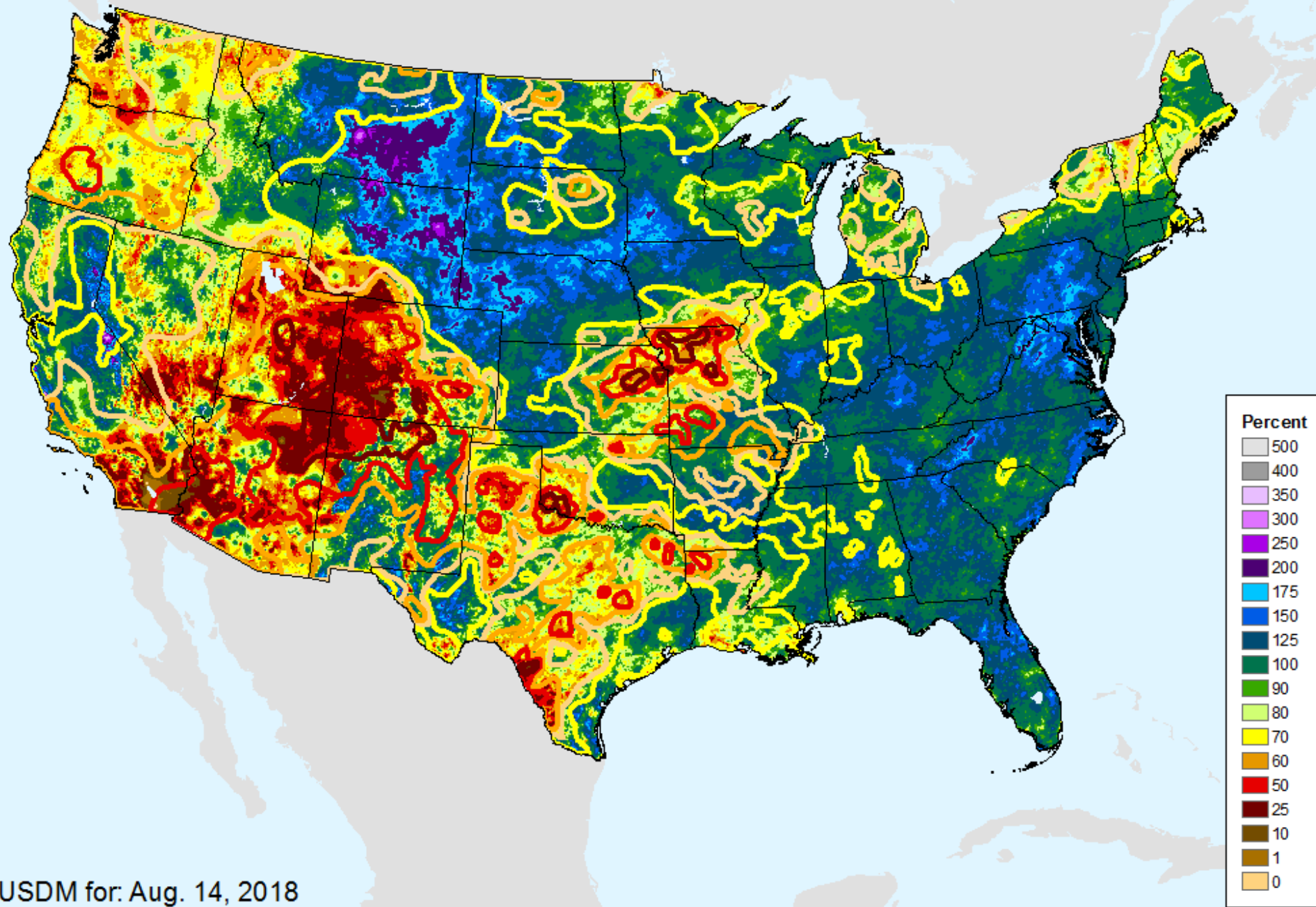
AHPS 180-Day Precip Departure

As of: Tuesday, August 21, 2018



AHPS 180-Day Pct of Normal Pcp

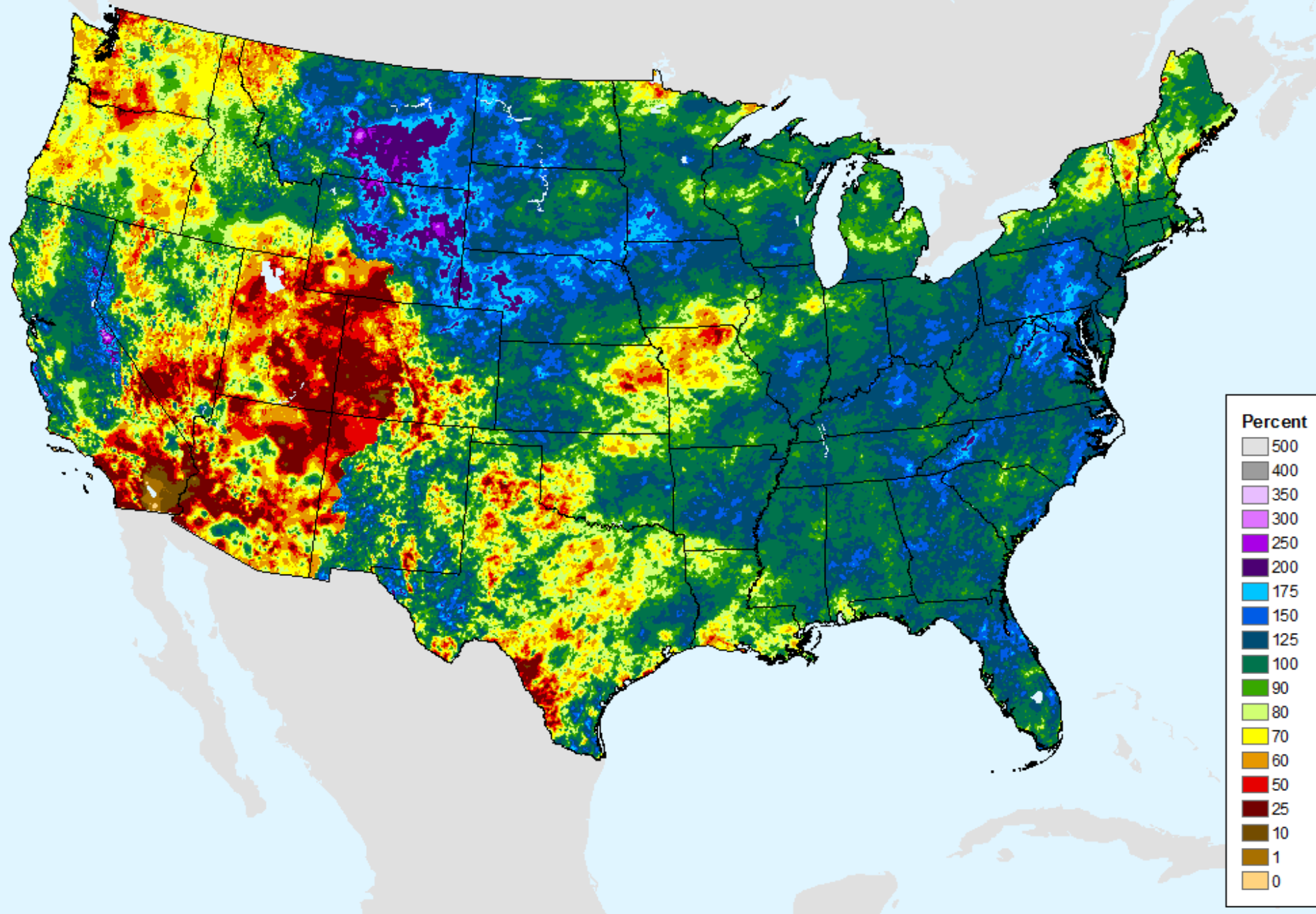
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

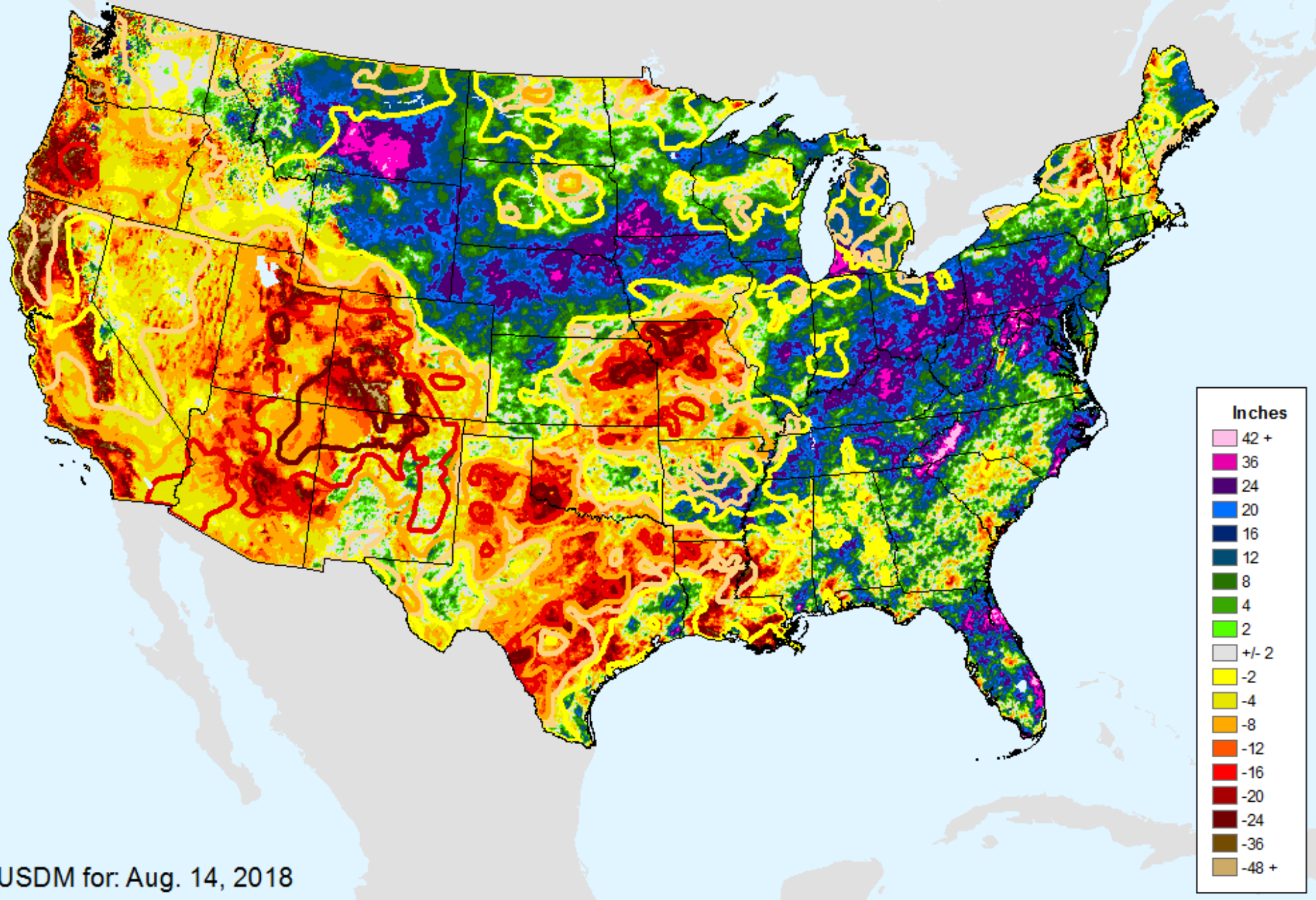
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, August 21, 2018



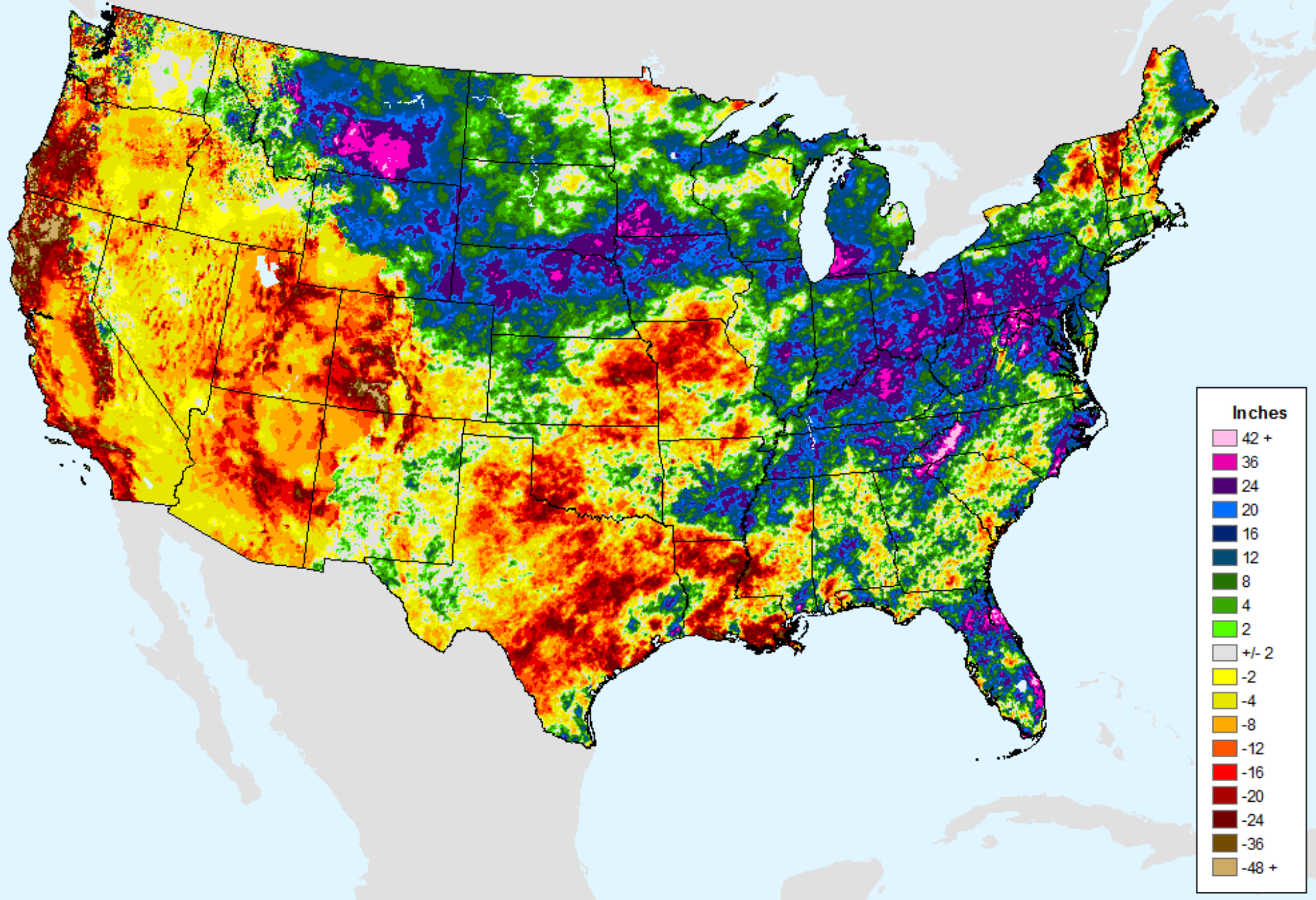
AHPS Water-Year Precip Departure

As of: Tuesday, August 21, 2018



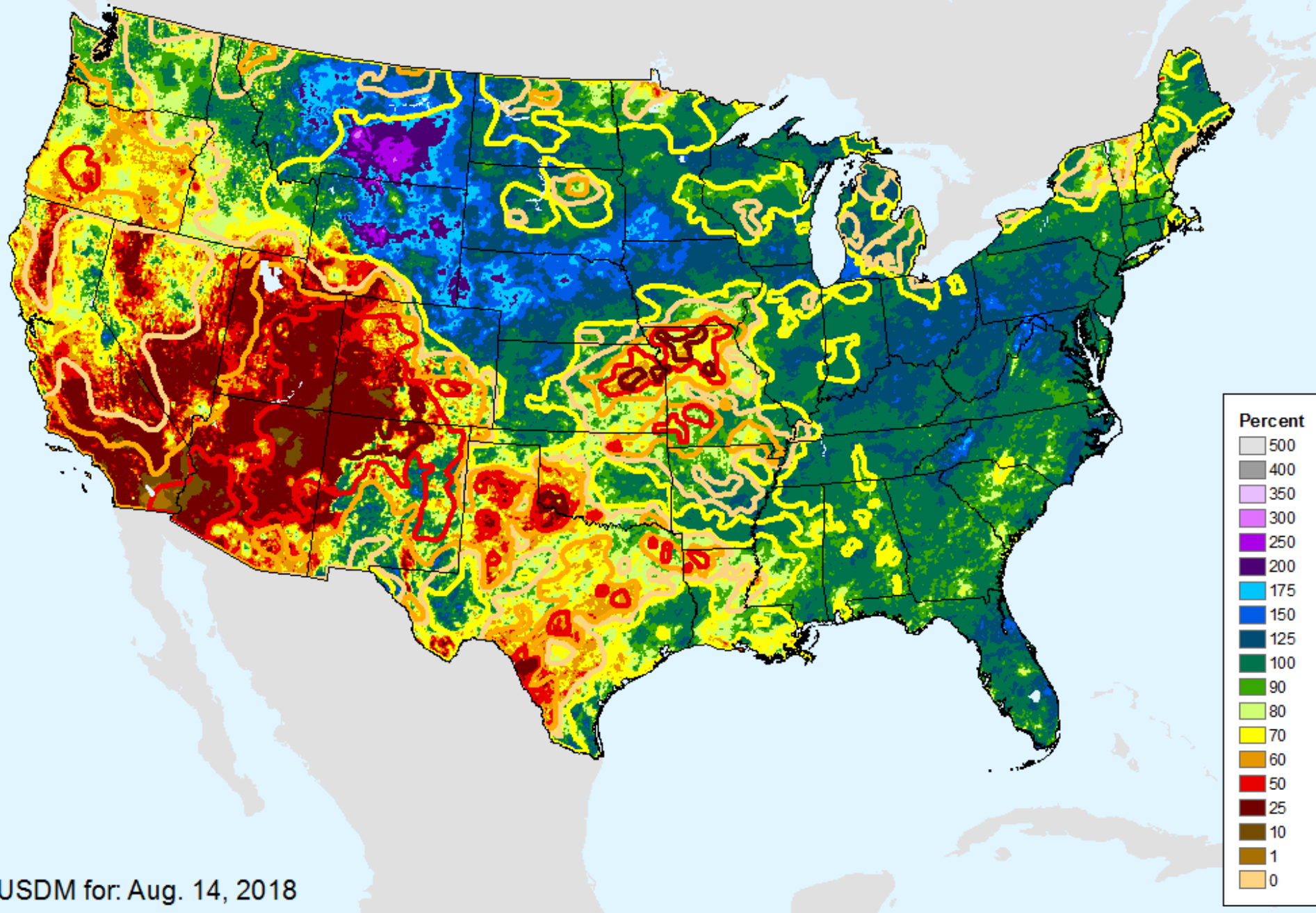
AHPS Water-Year Precip Departure

As of: Tuesday, August 21, 2018



AHPS Water-Year Pct of Normal Pcp

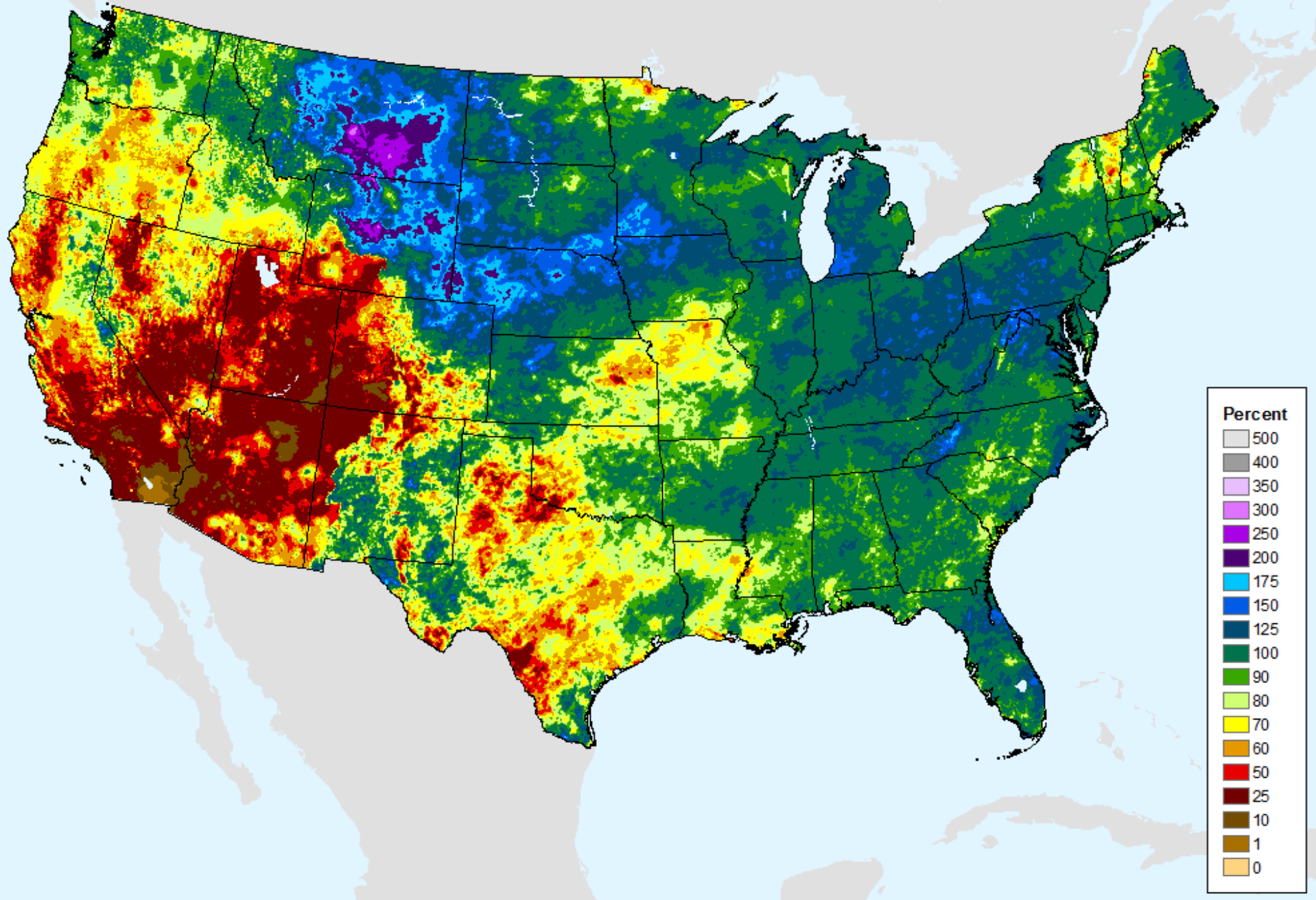
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

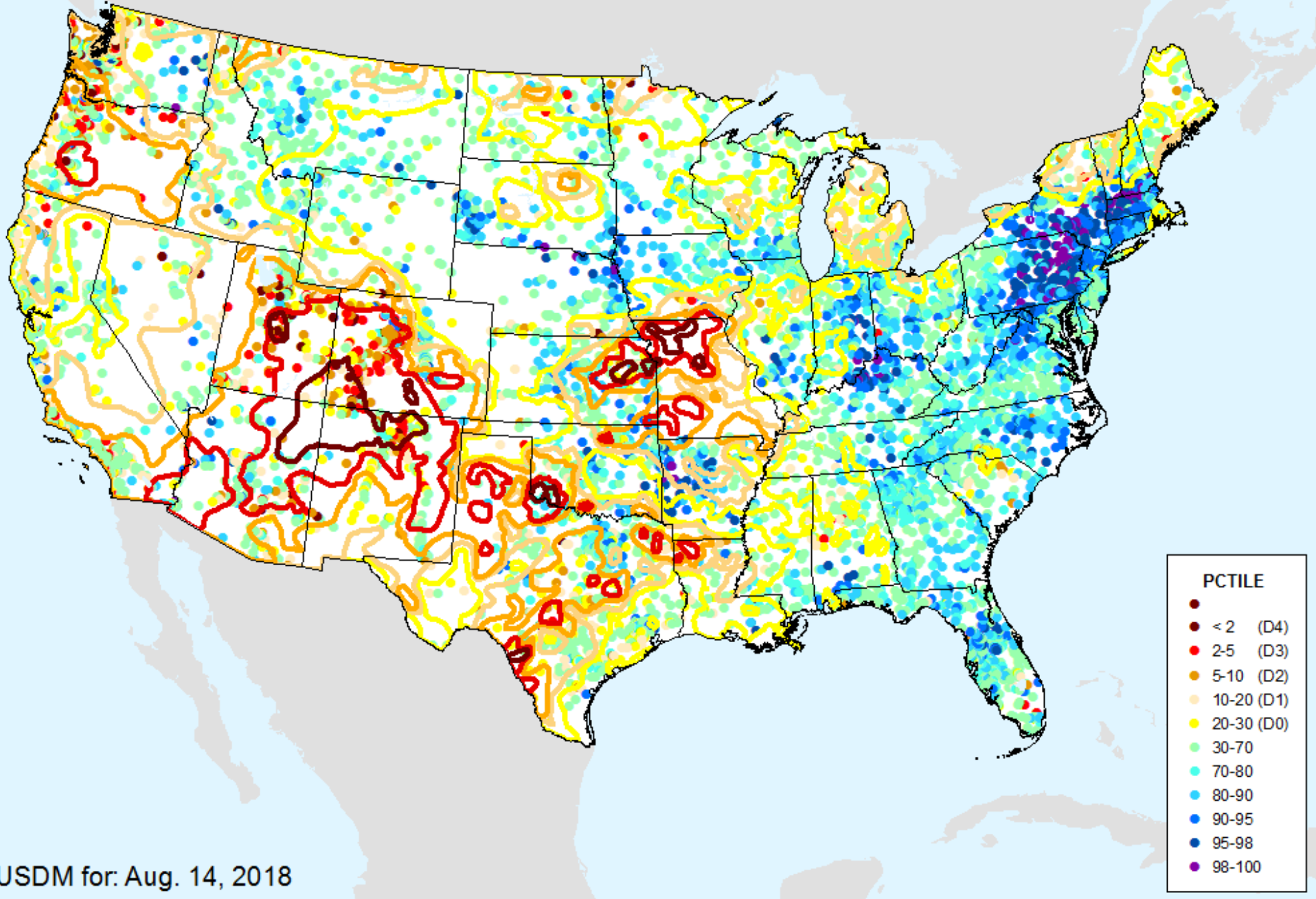
AHPS Water-Year Pct of Normal Pcp

As of: Tuesday, August 21, 2018



USGS 7-Day Avg Streamflow

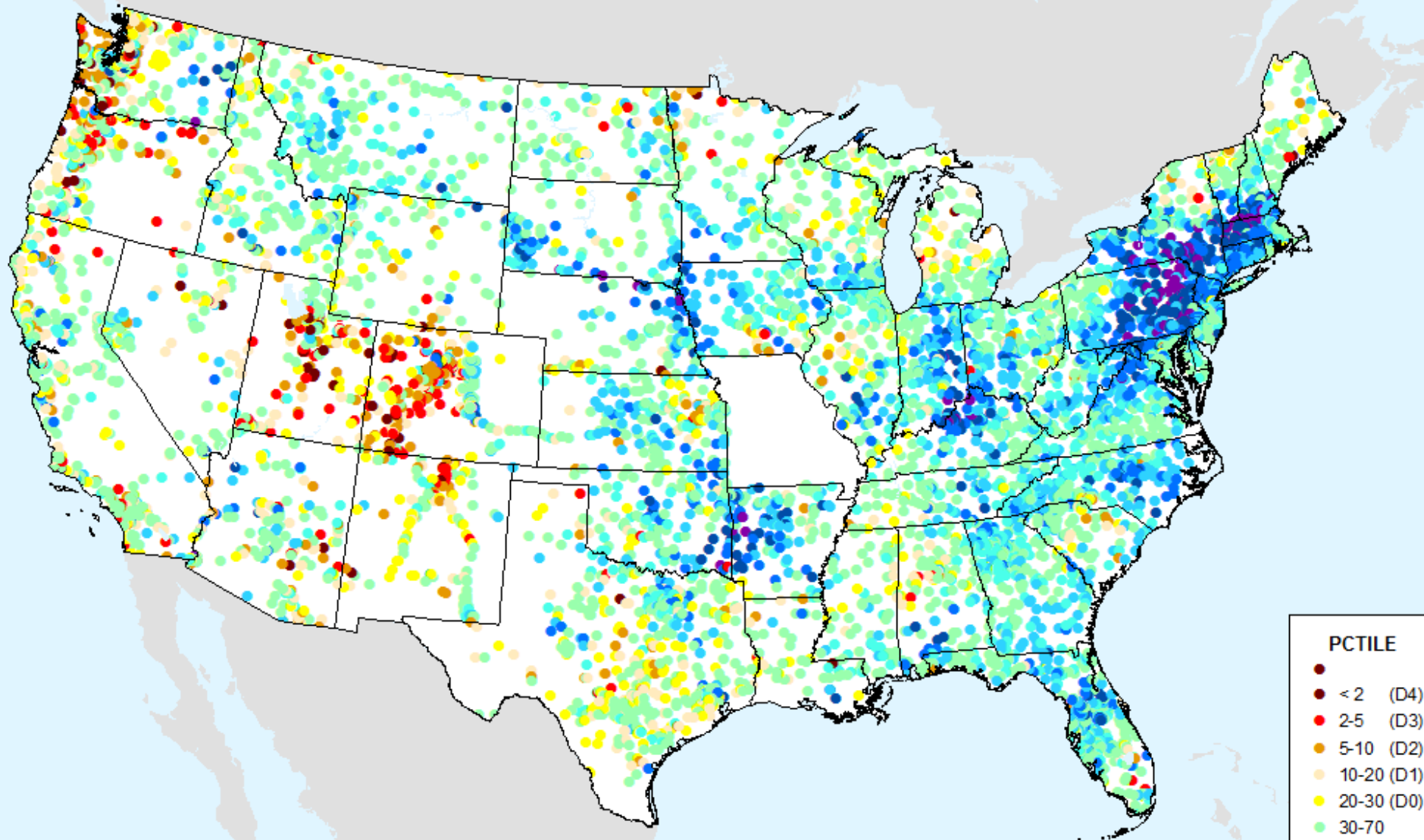
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

USGS 7-Day Avg Streamflow

As of: Tuesday, August 21, 2018

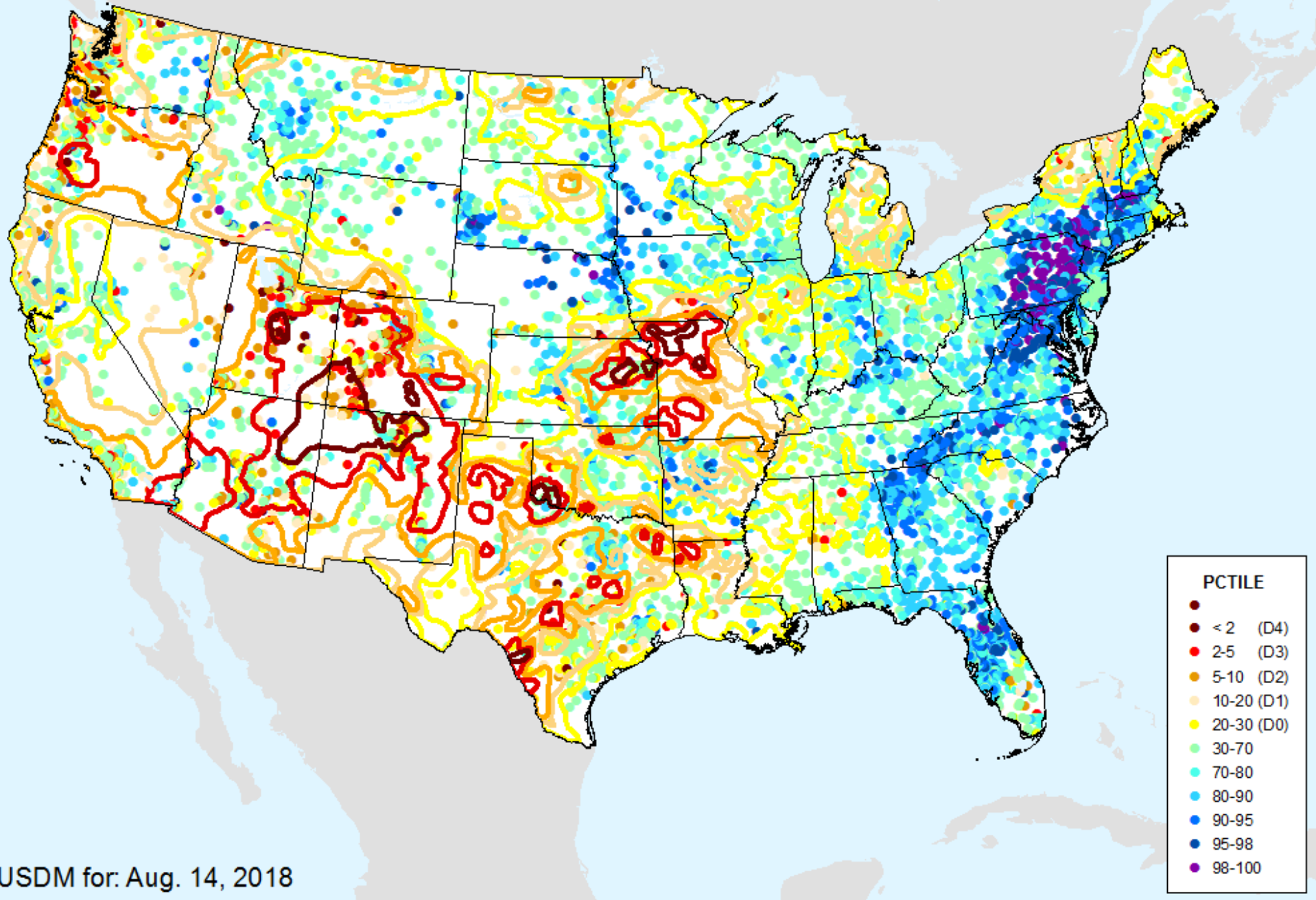


PCTILE

- < 2 (D4)
- 2-5 (D3)
- 5-10 (D2)
- 10-20 (D1)
- 20-30 (D0)
- 30-70
- 70-80
- 80-90
- 90-95
- 95-98
- 98-100

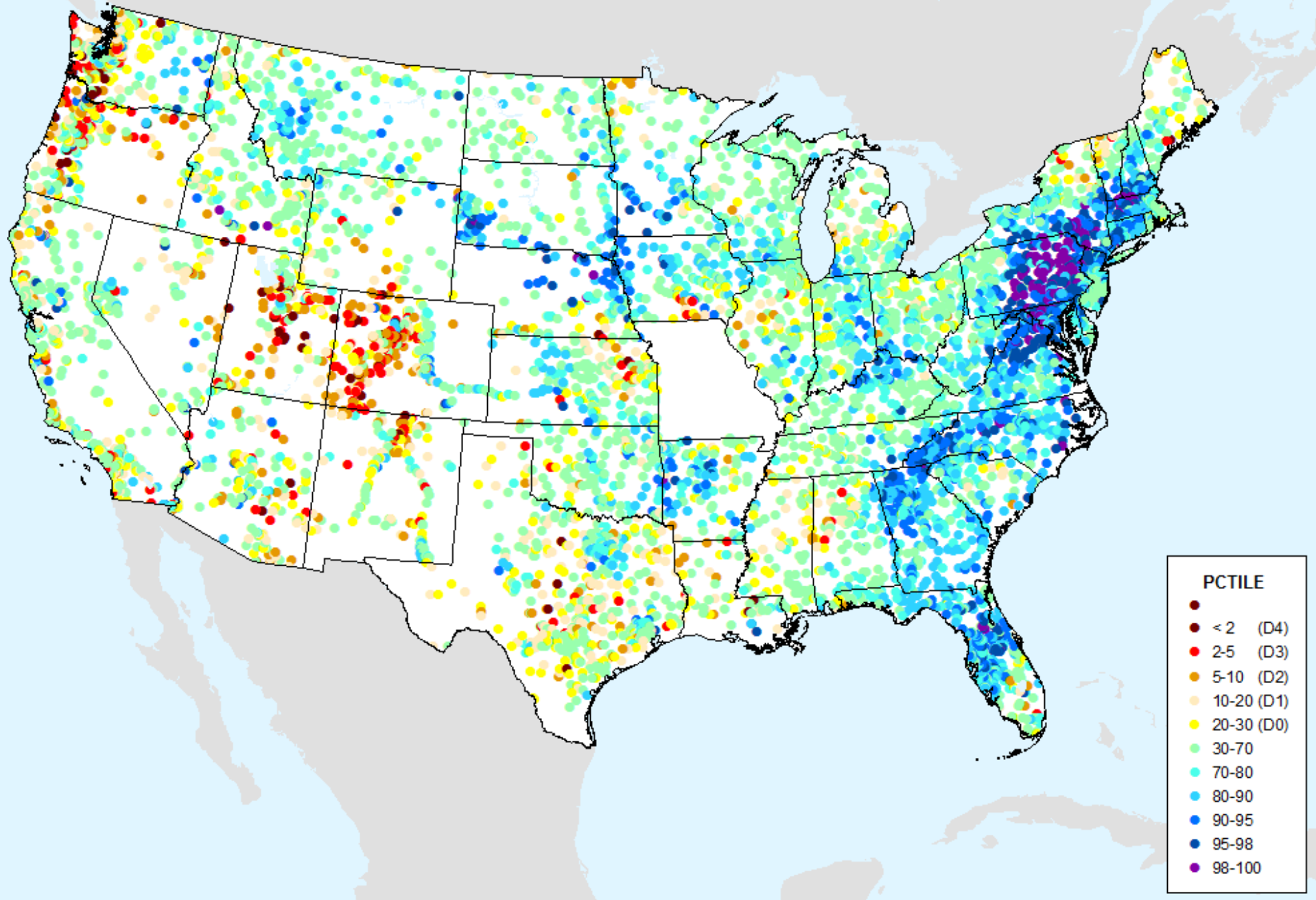
USGS 28-Day Avg Streamflow

As of: Tuesday, August 21, 2018



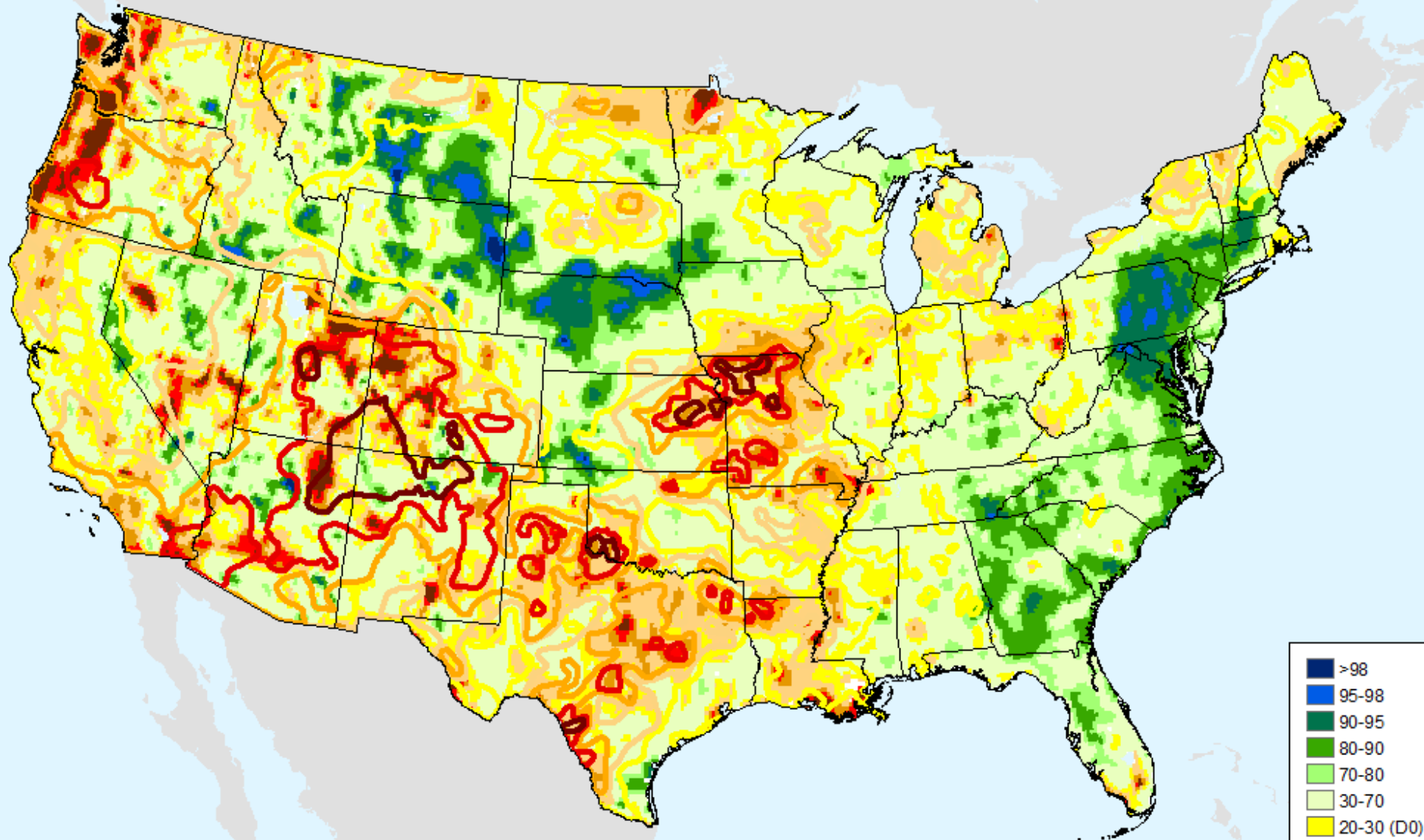
USGS 28-Day Avg Streamflow

As of: Tuesday, August 21, 2018



NLDAS Top 1m Soil Moisture

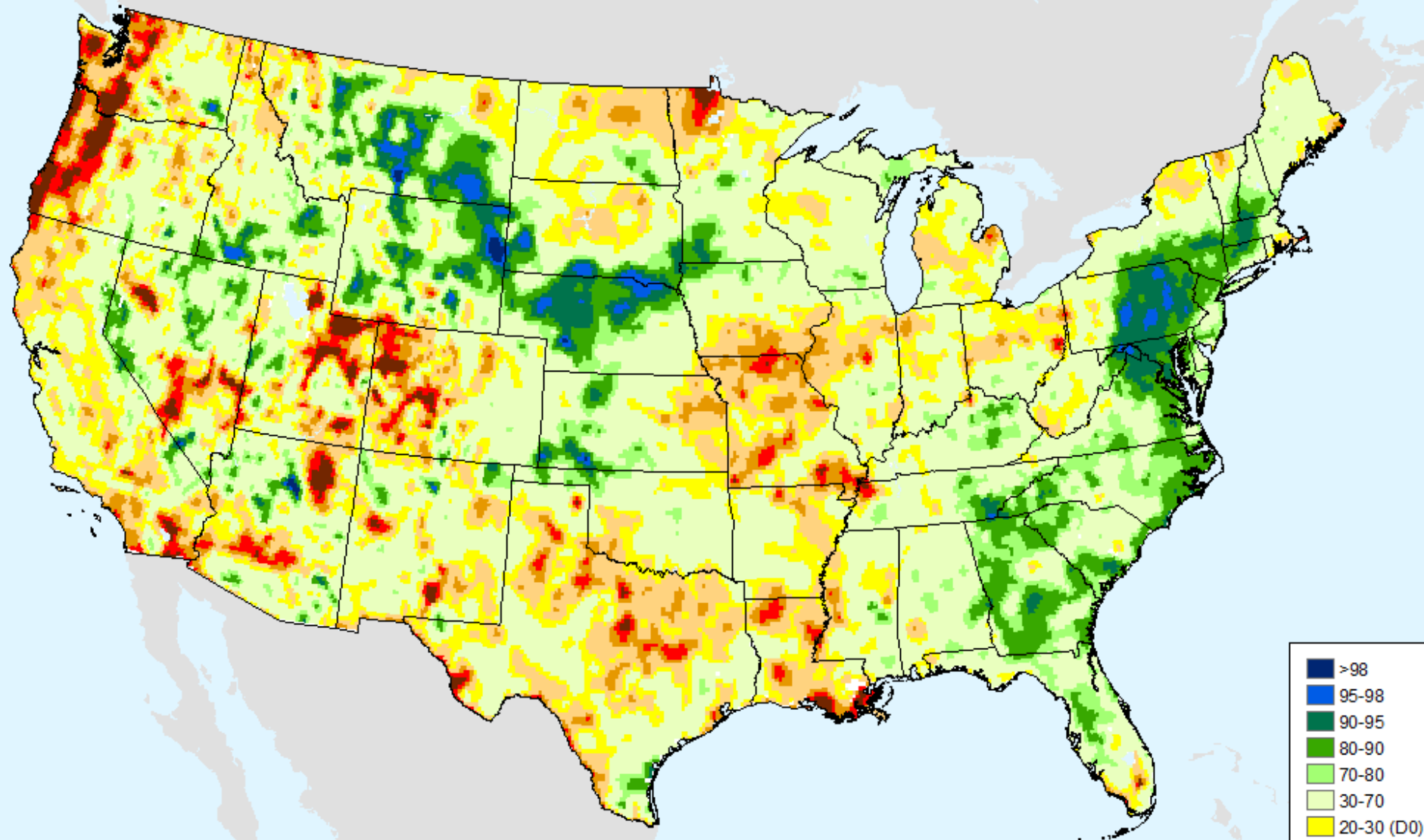
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

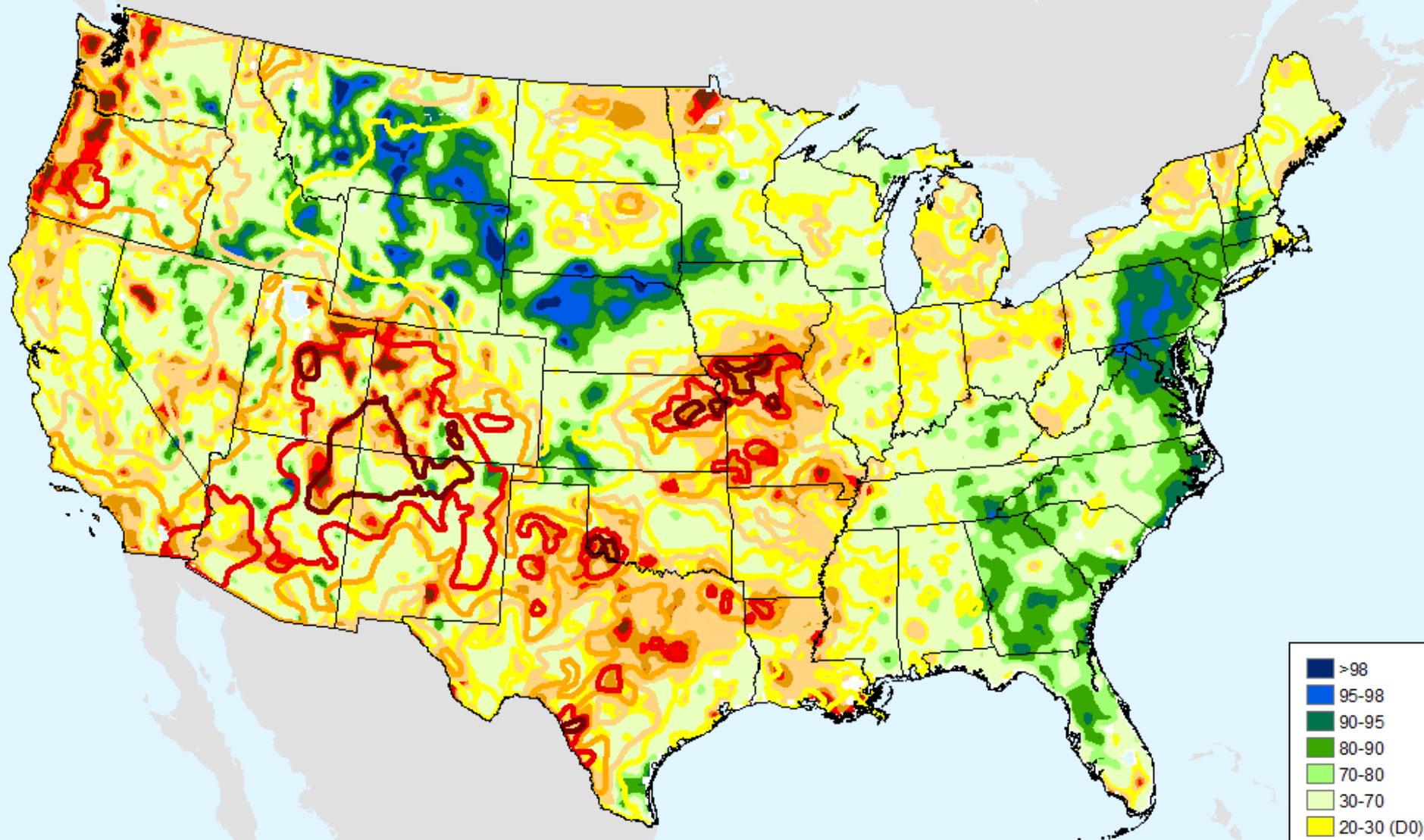
NLDAS Top 1m Soil Moisture

As of: Tuesday, August 21, 2018



NLDAS Total Column Soil Moisture

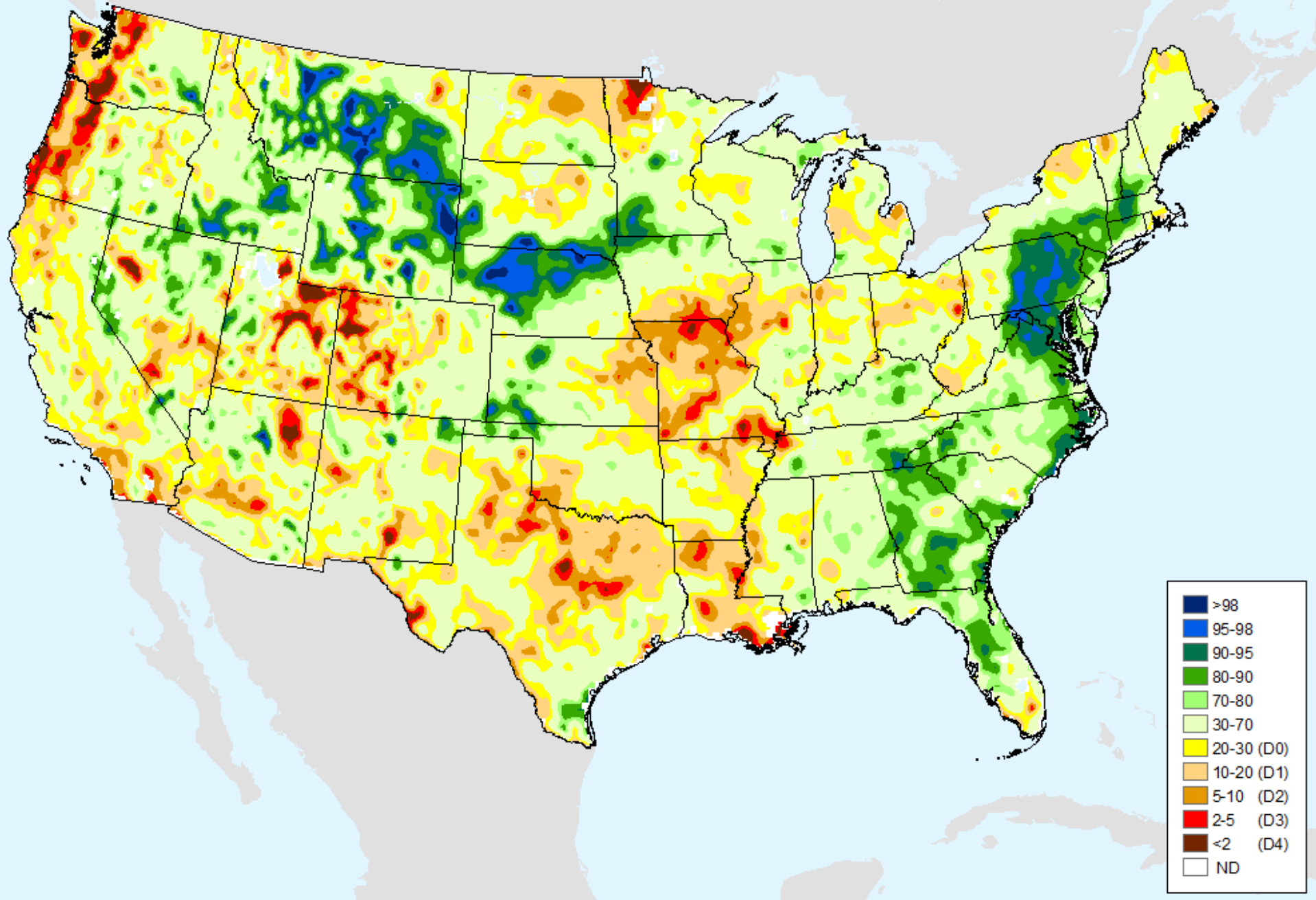
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

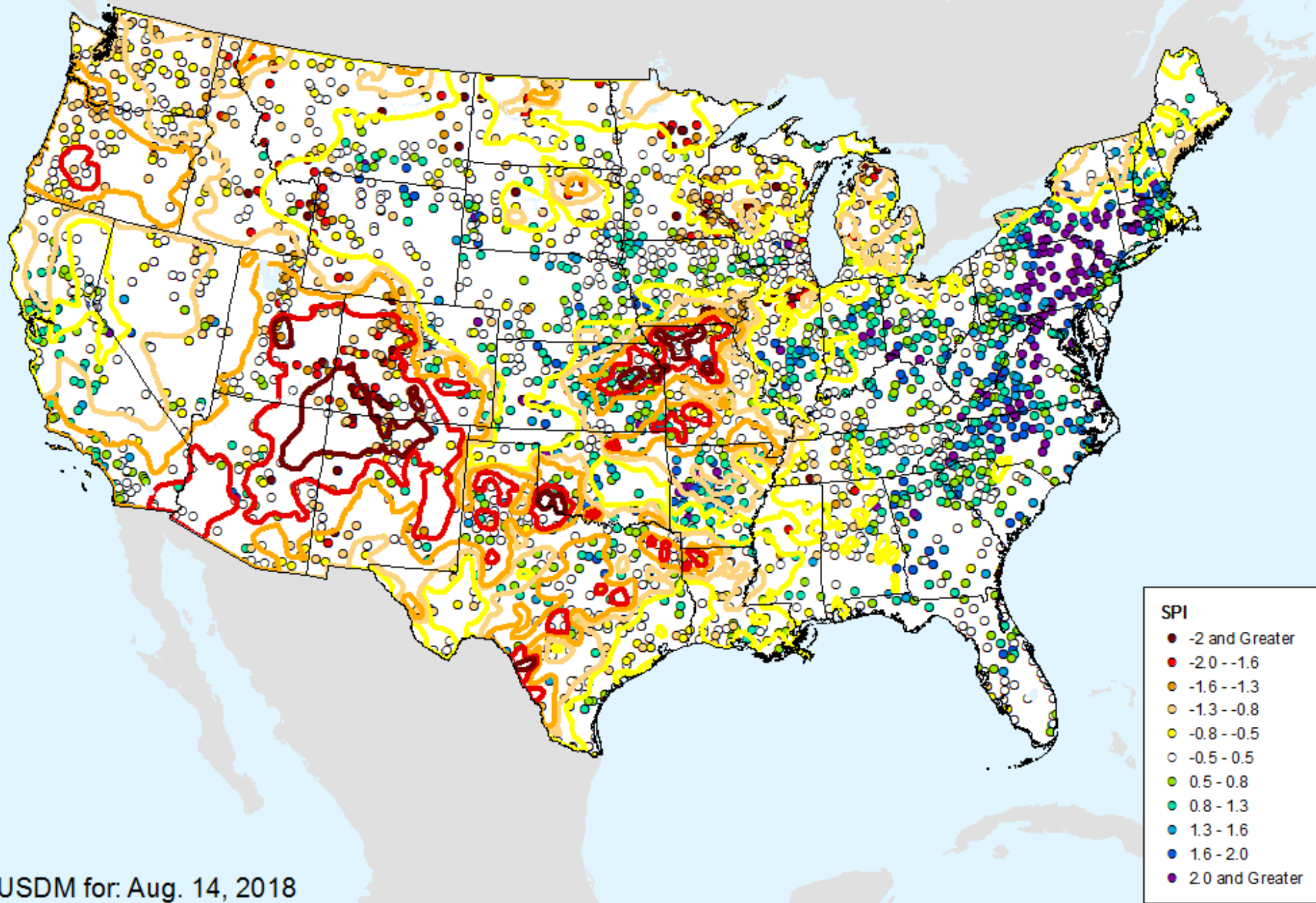
NLDAS Total Column Soil Moisture

As of: Tuesday, August 21, 2018



HPRCC 1-month SPI

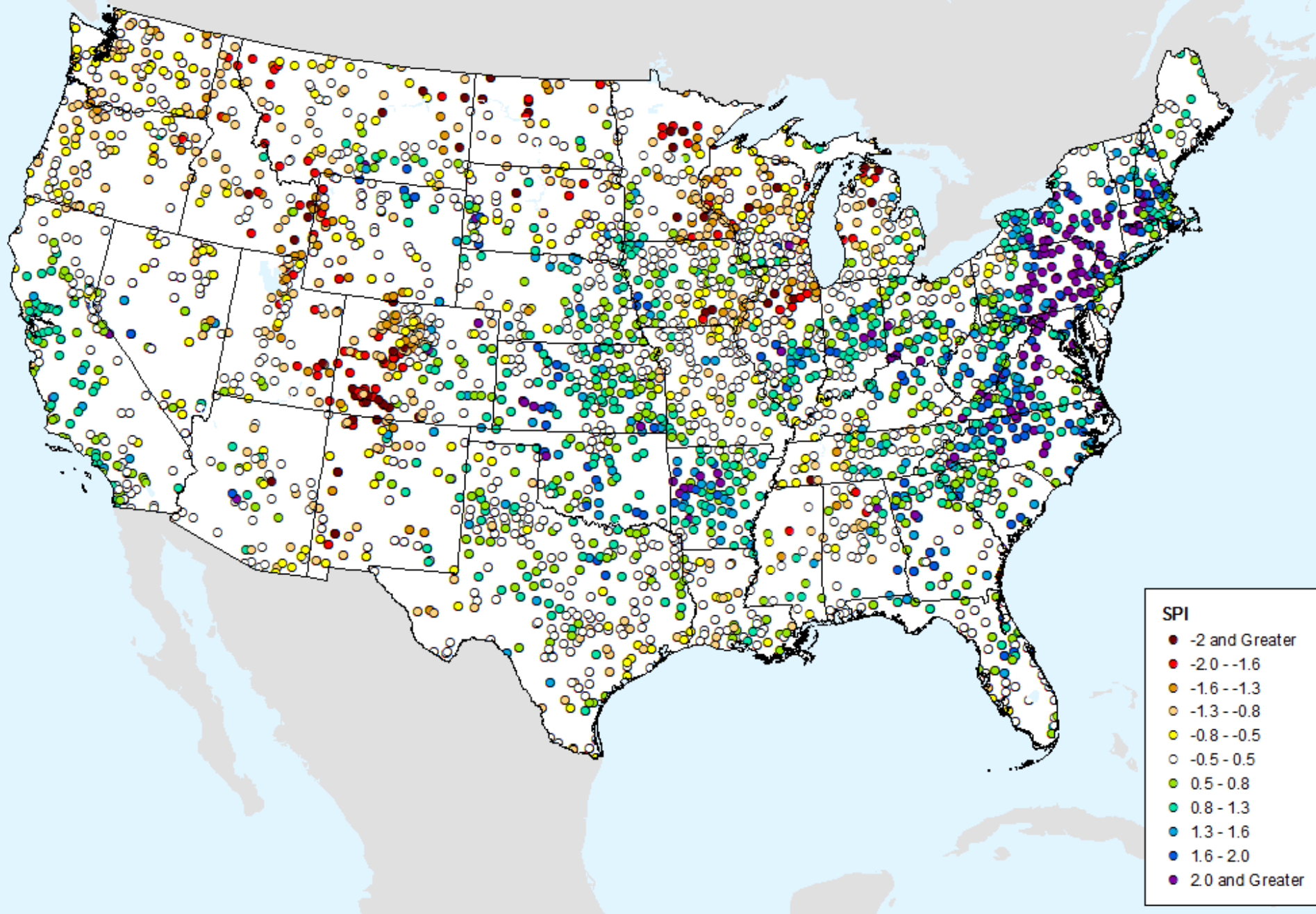
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

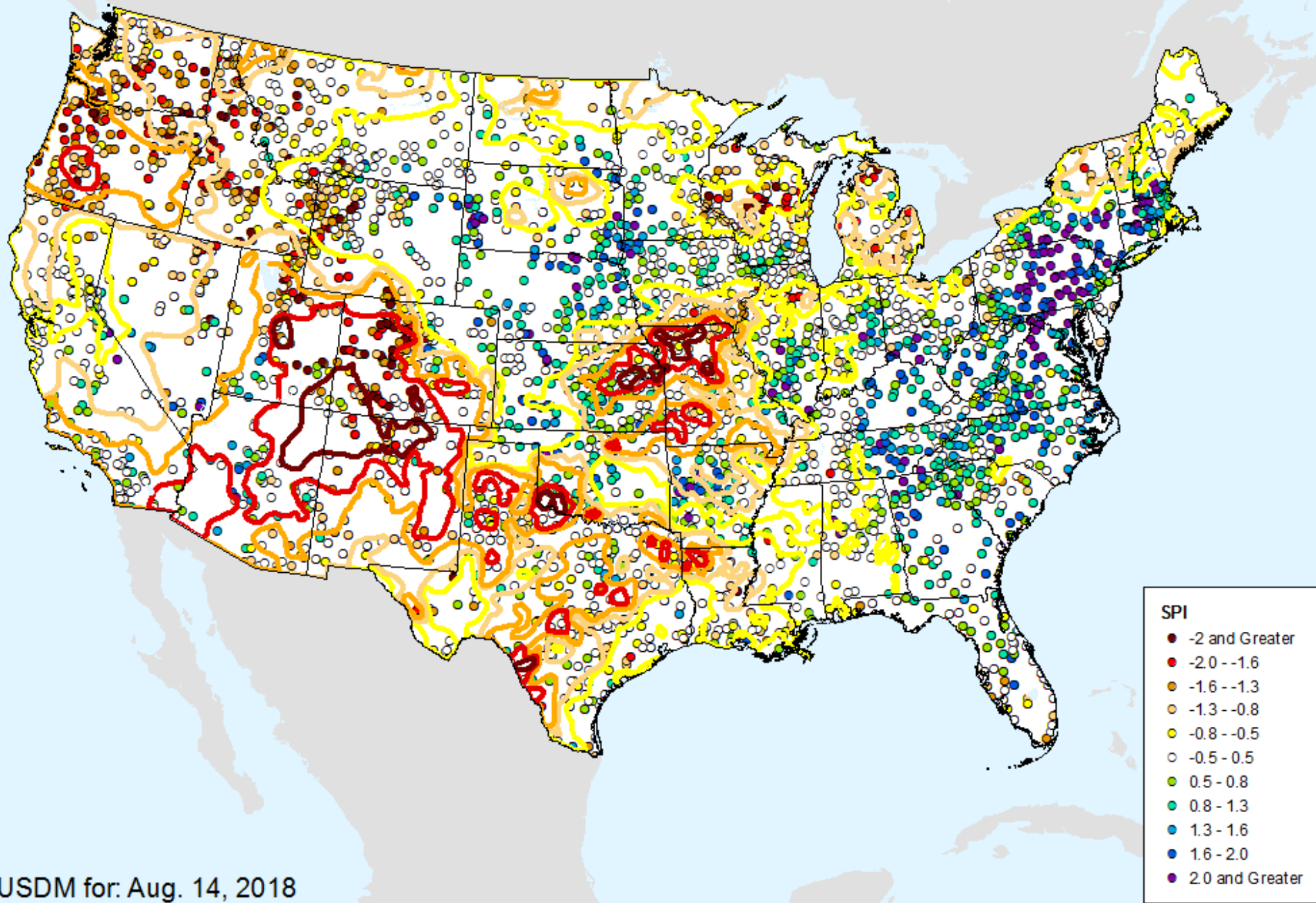
HPRCC 1-month SPI

As of: Tuesday, August 21, 2018



HPRCC 2-month SPI

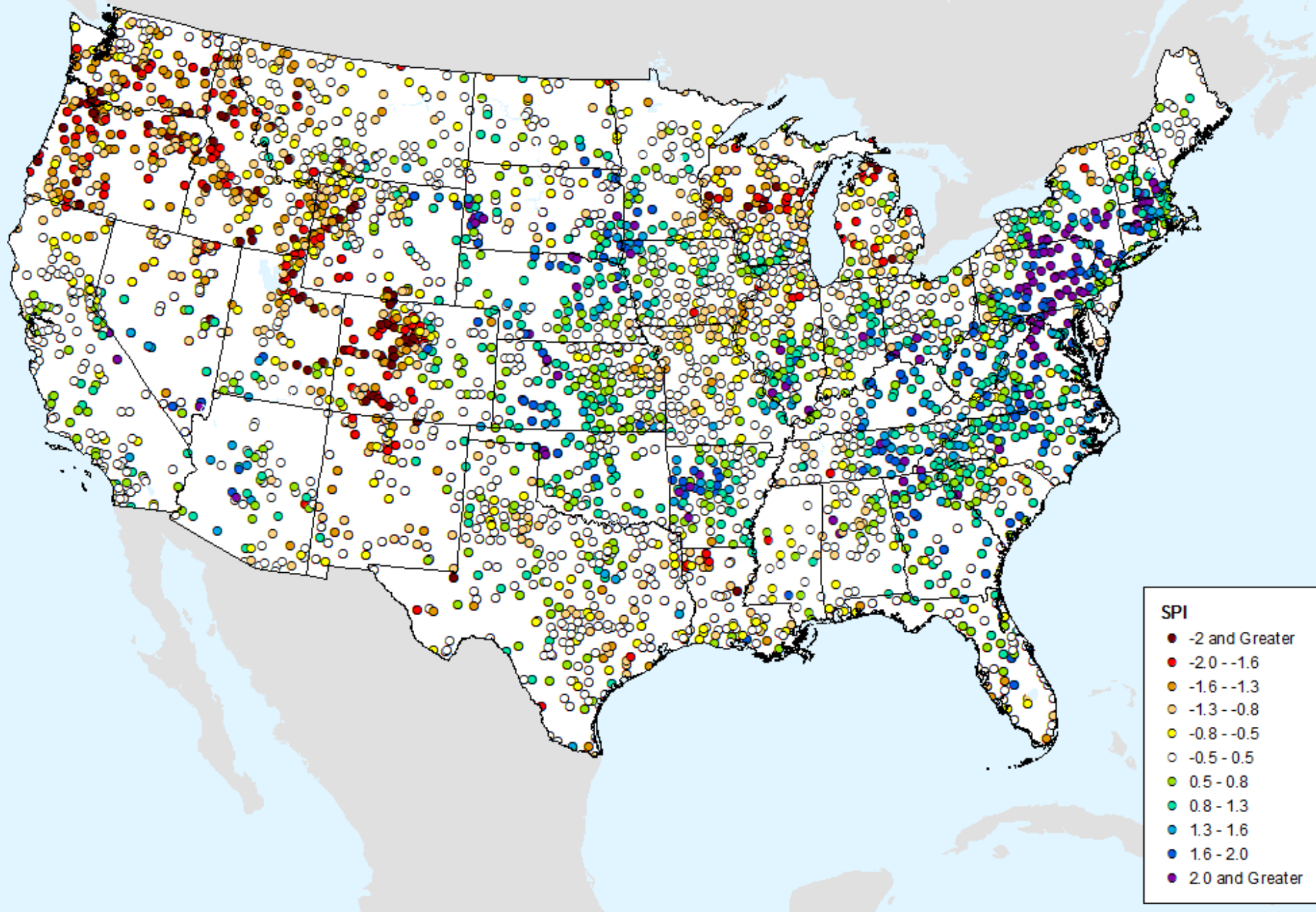
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

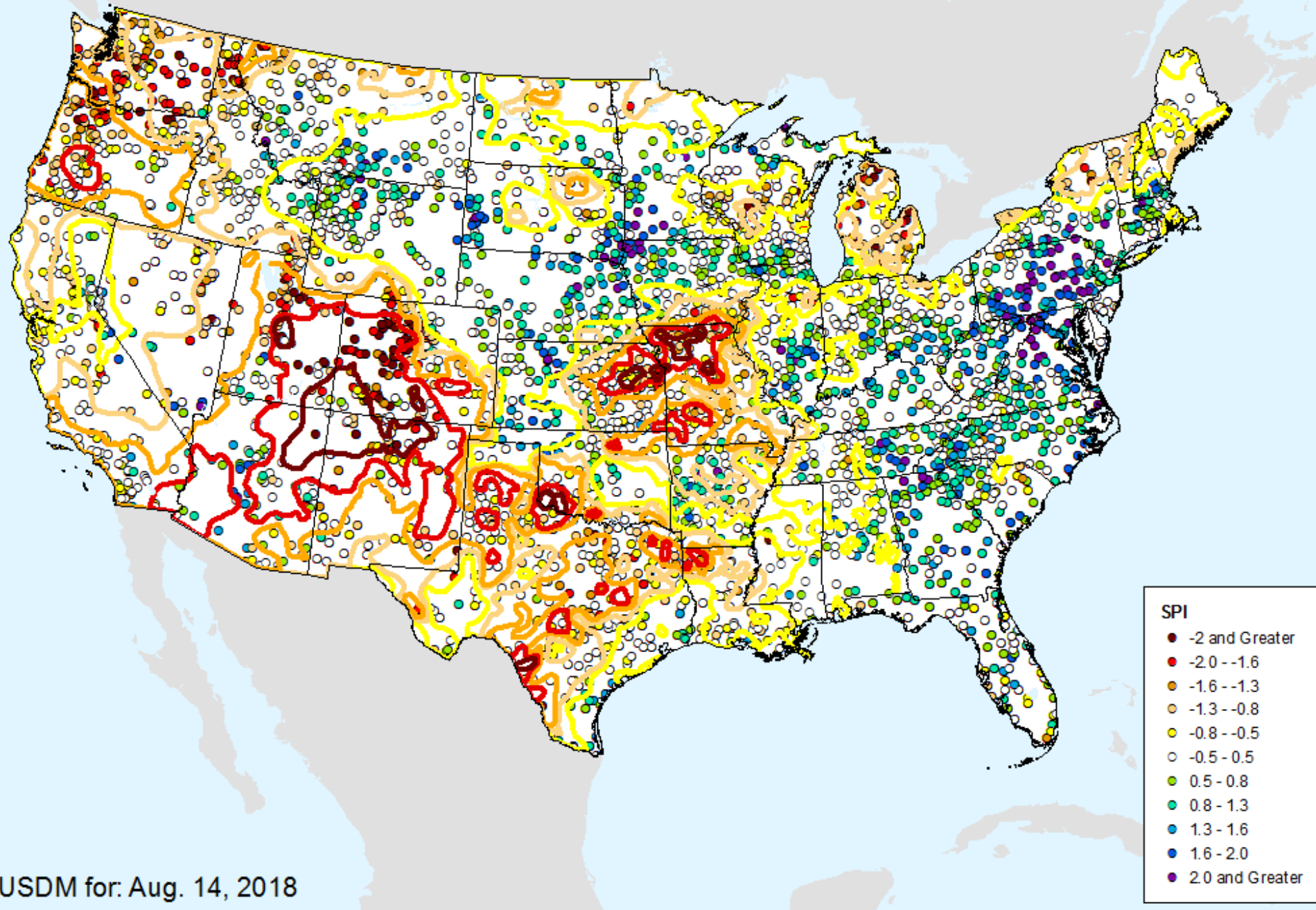
HPRCC 2-month SPI

As of: Tuesday, August 21, 2018



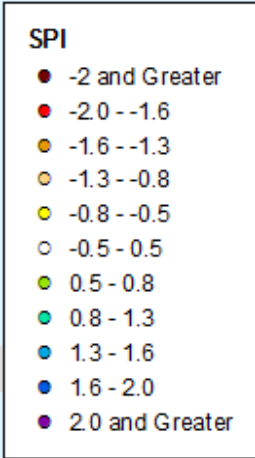
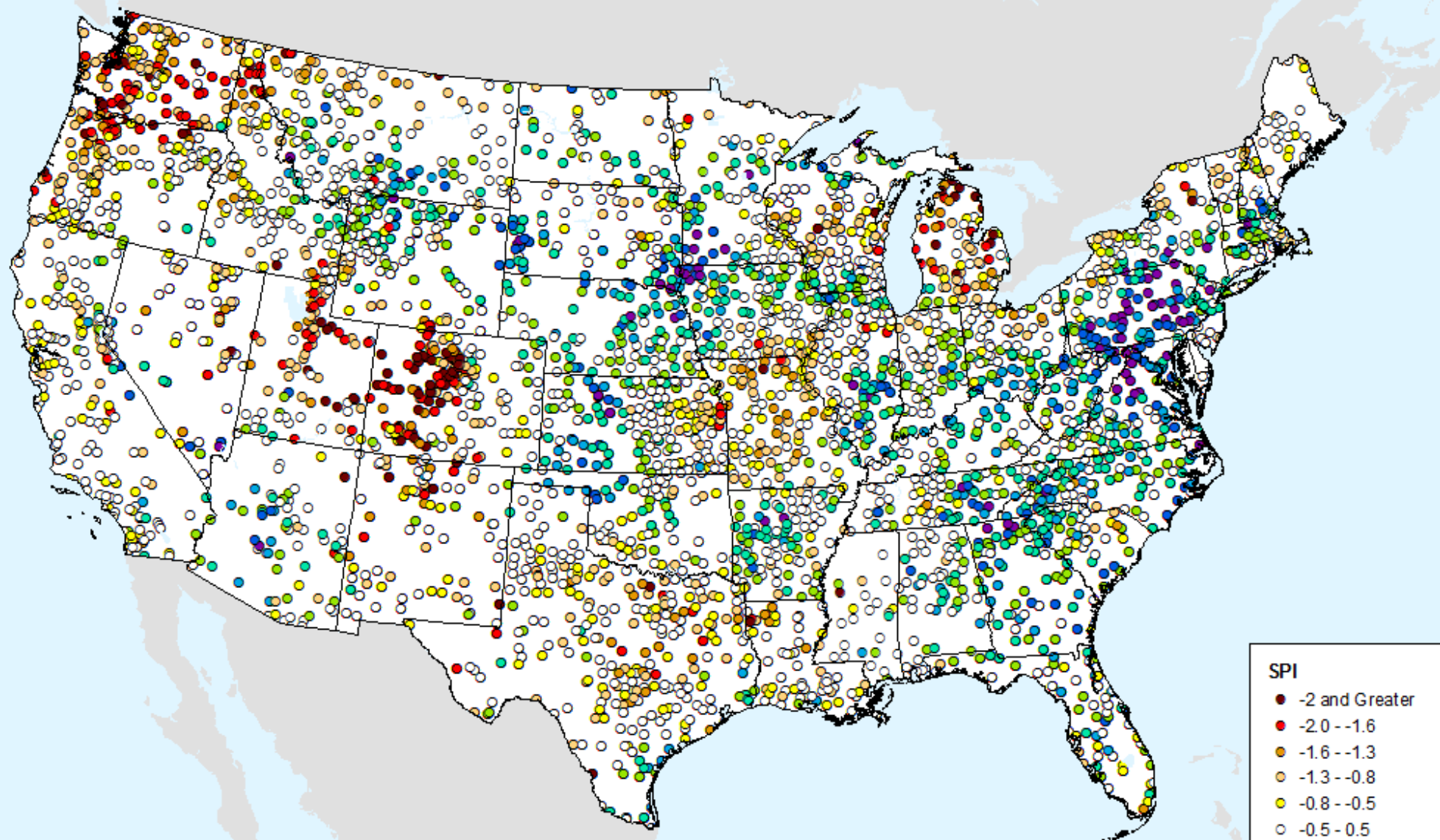
HPRCC 3-month SPI

As of: Tuesday, August 21, 2018



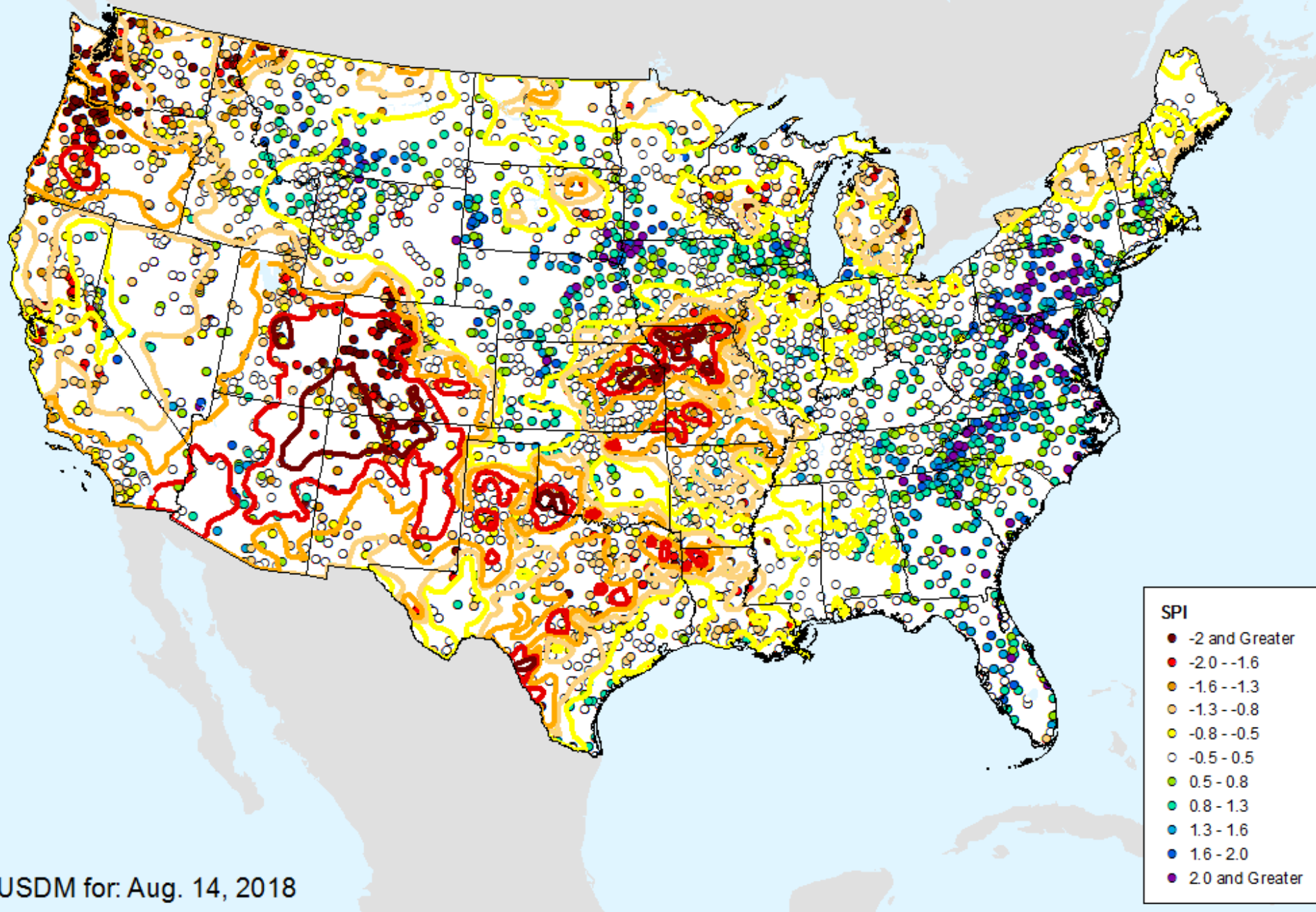
HPRCC 3-month SPI

As of: Tuesday, August 21, 2018



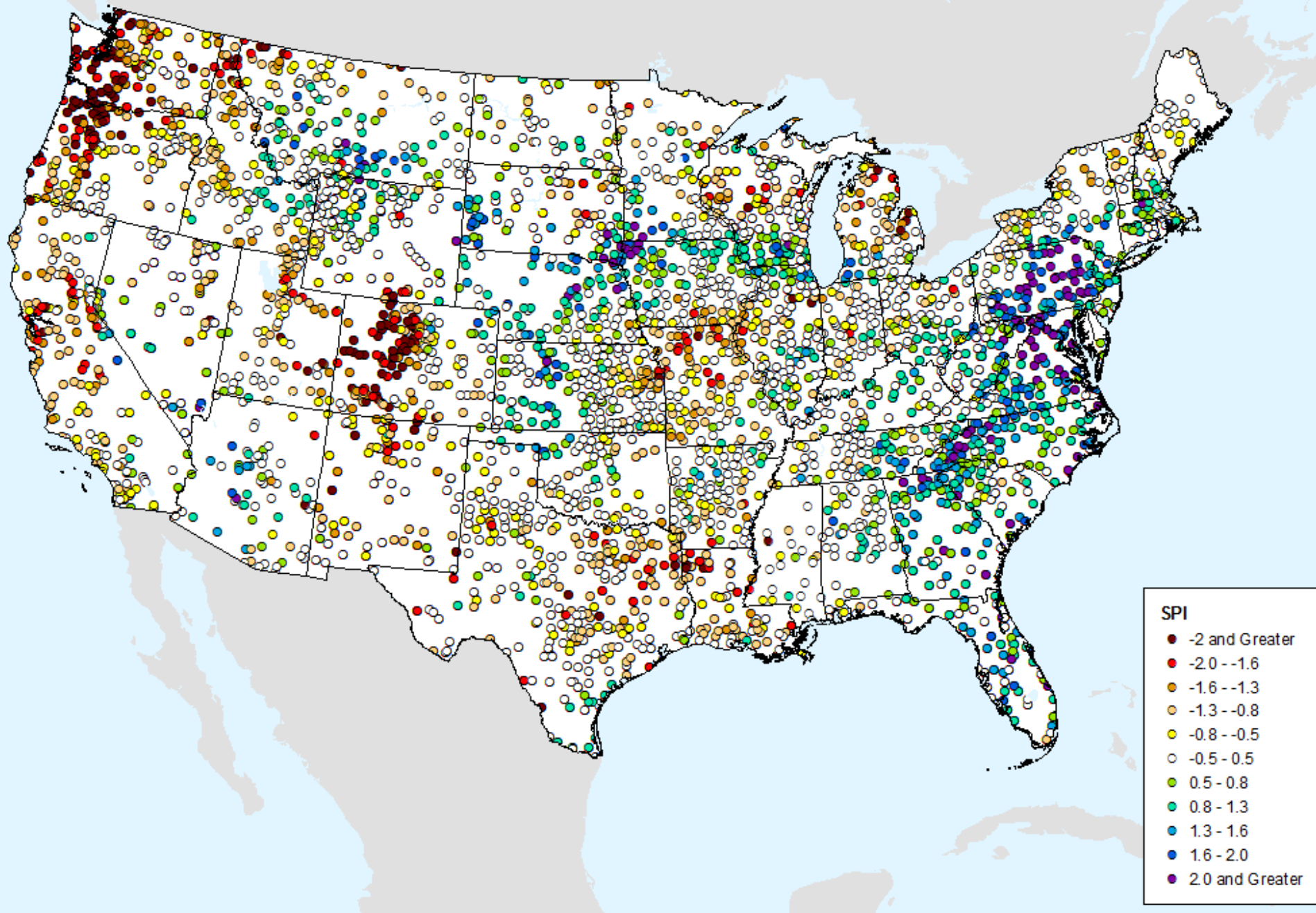
HPRCC 4-month SPI

As of: Tuesday, August 21, 2018



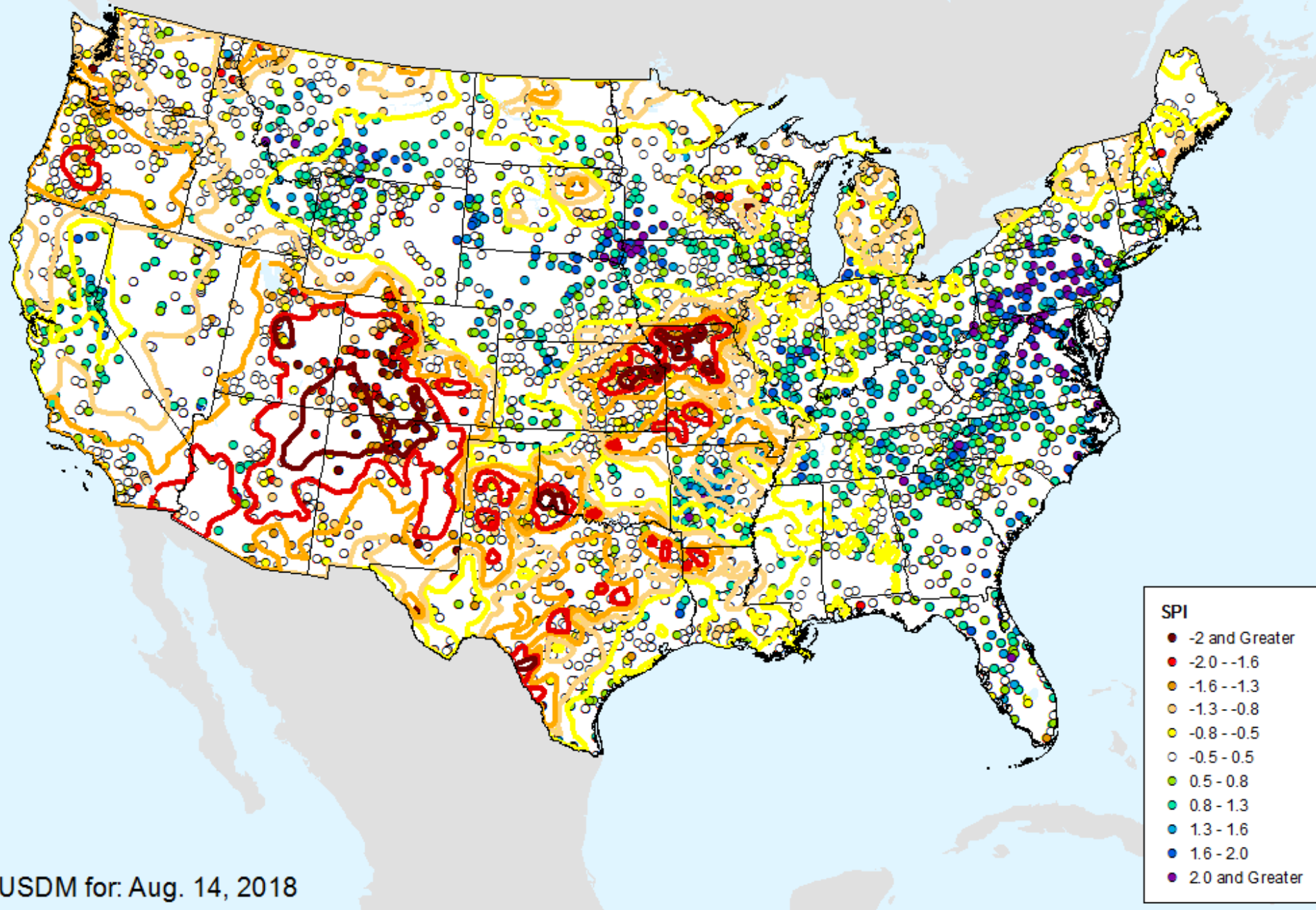
HPRCC 4-month SPI

As of: Tuesday, August 21, 2018



HPRCC 6-month SPI

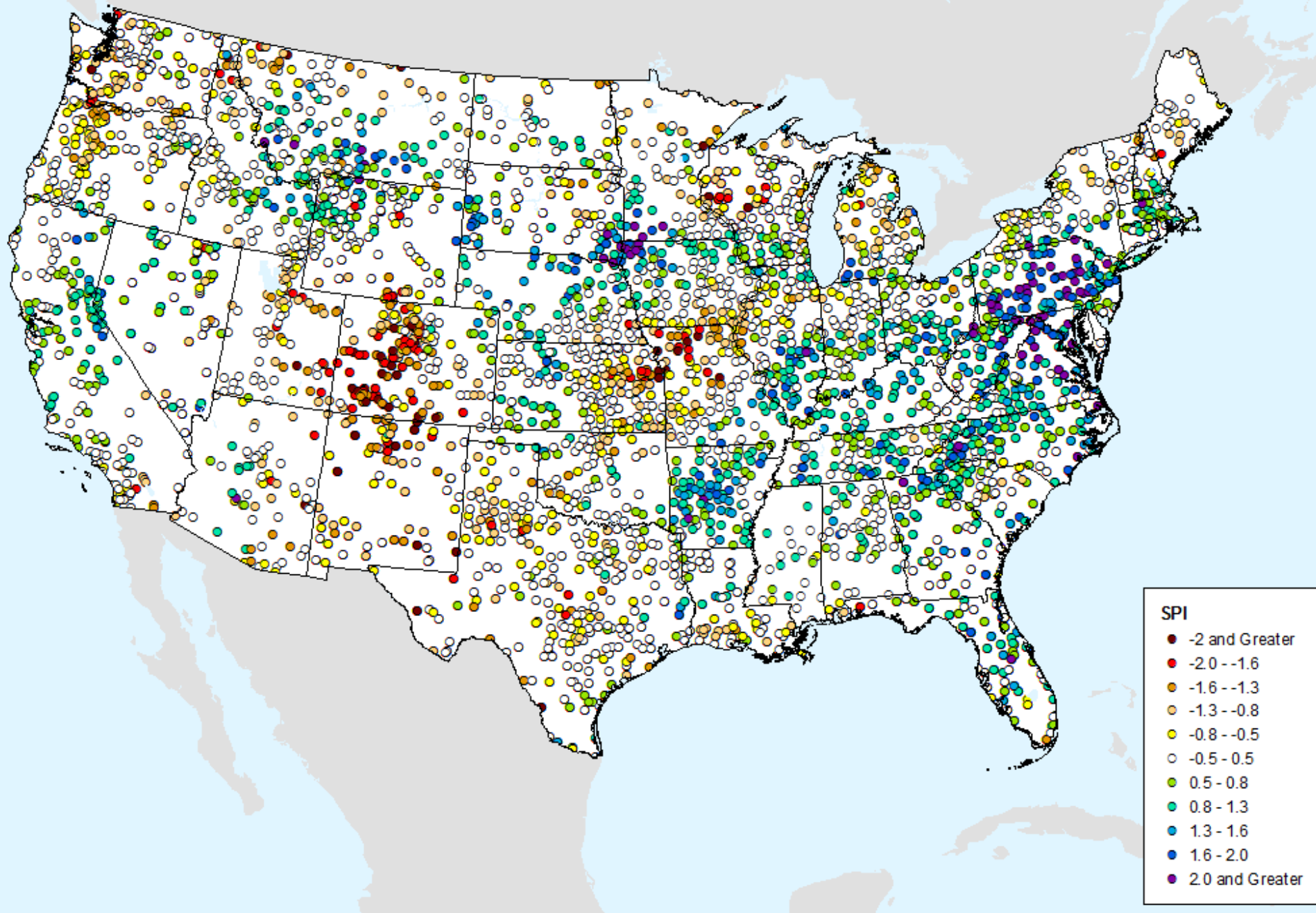
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

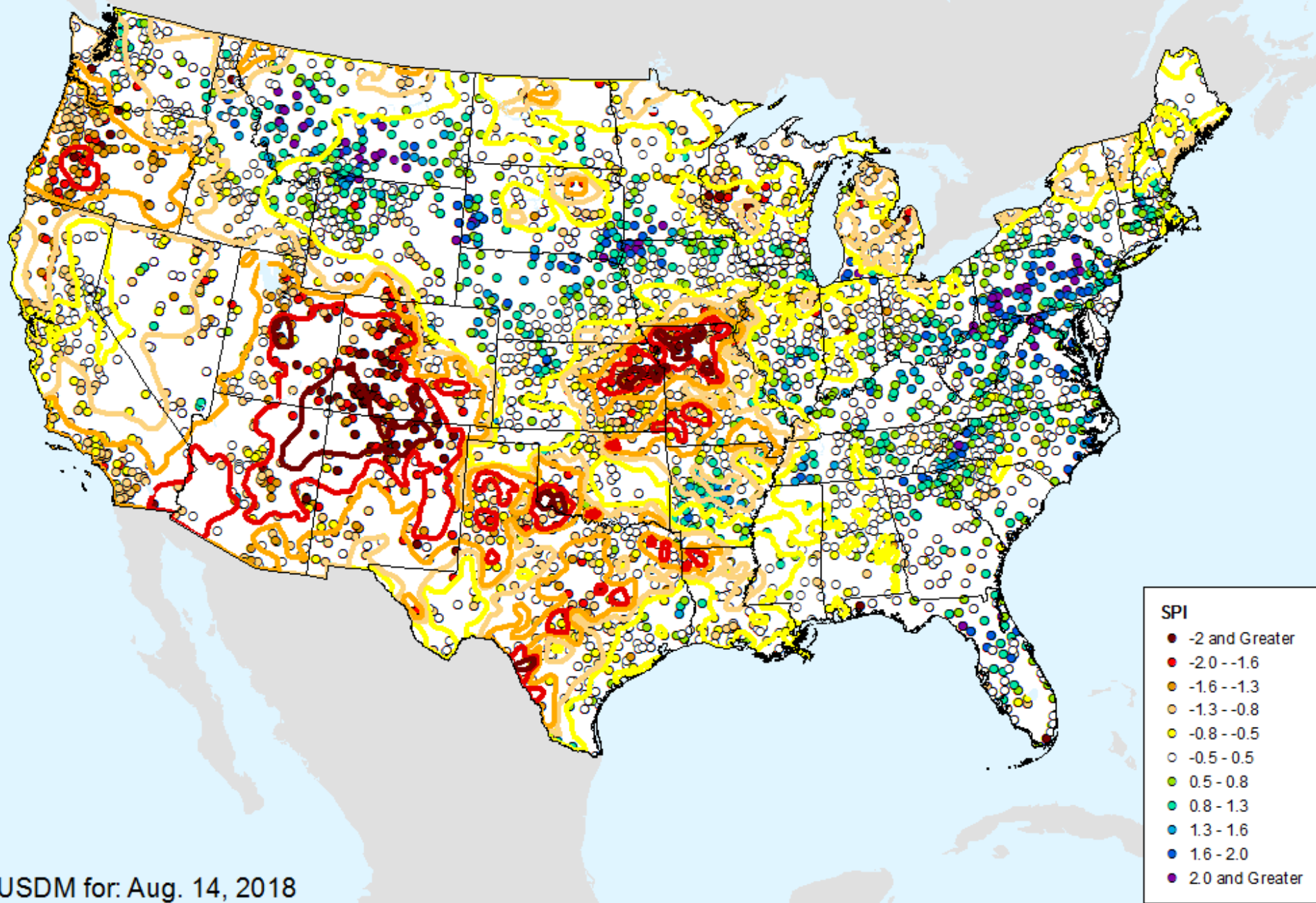
HPRCC 6-month SPI

As of: Tuesday, August 21, 2018



HPRCC 9-month SPI

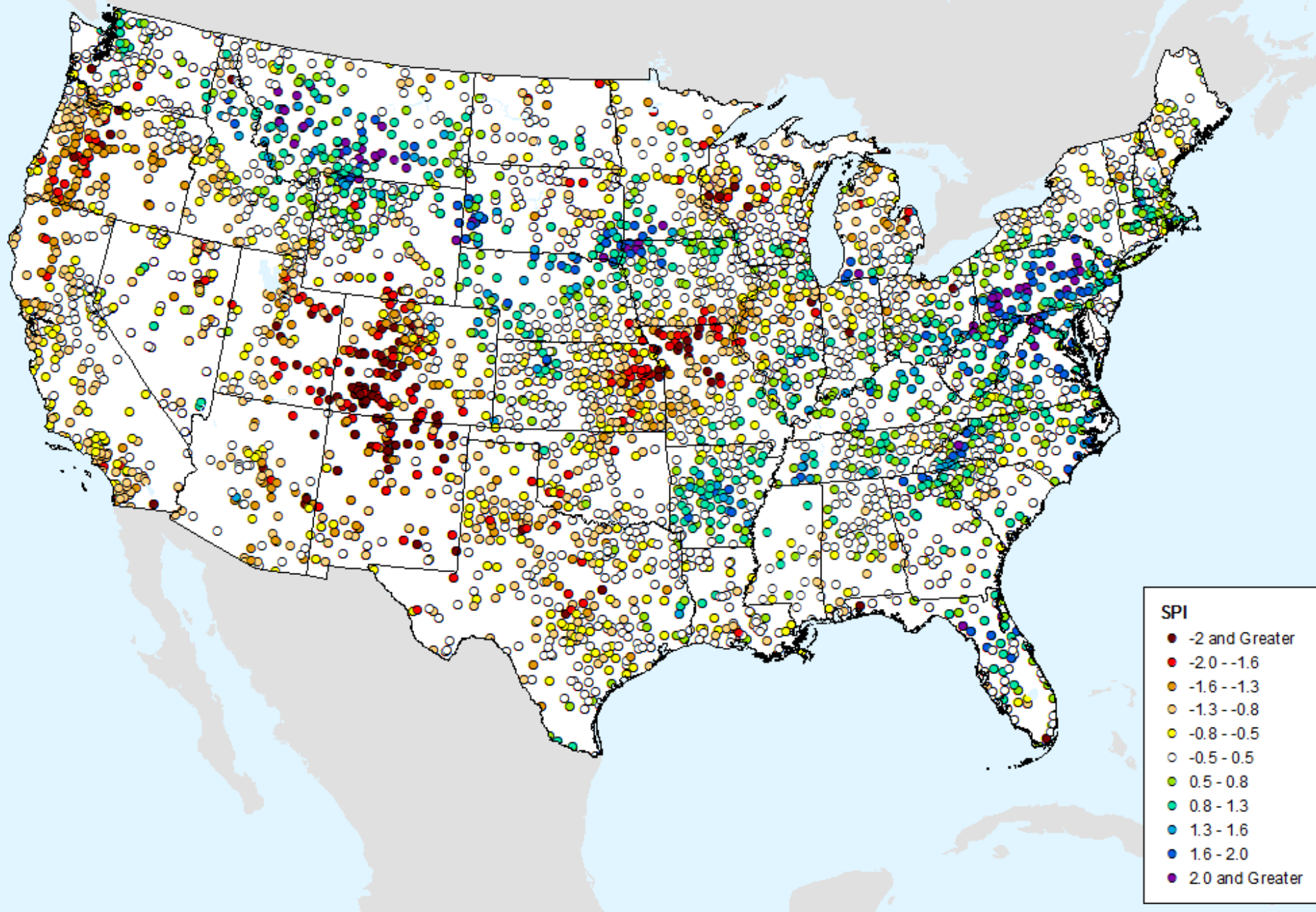
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

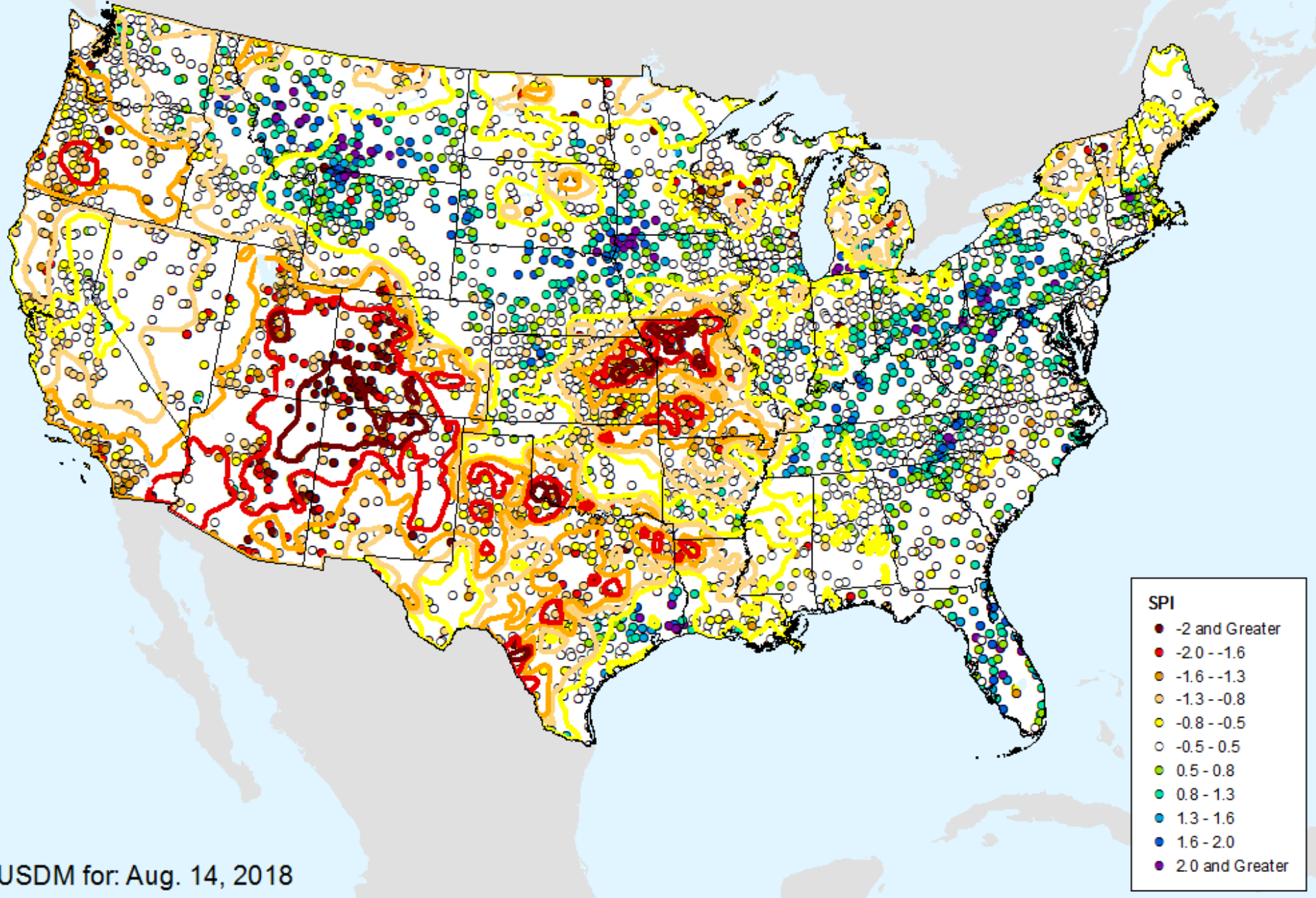
HPRCC 9-month SPI

As of: Tuesday, August 21, 2018



HPRCC 12-month SPI

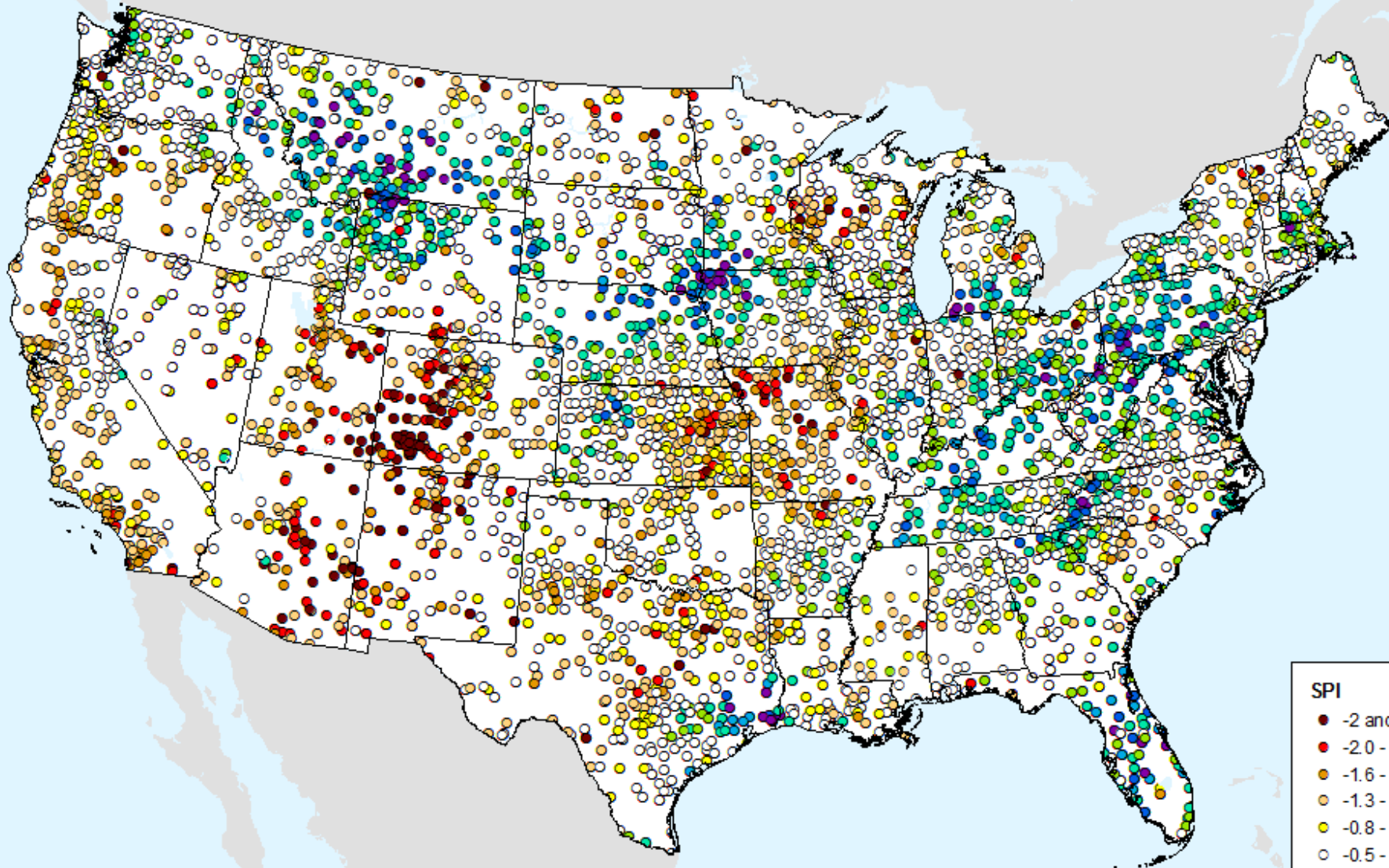
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

HPRCC 12-month SPI

As of: Tuesday, August 21, 2018

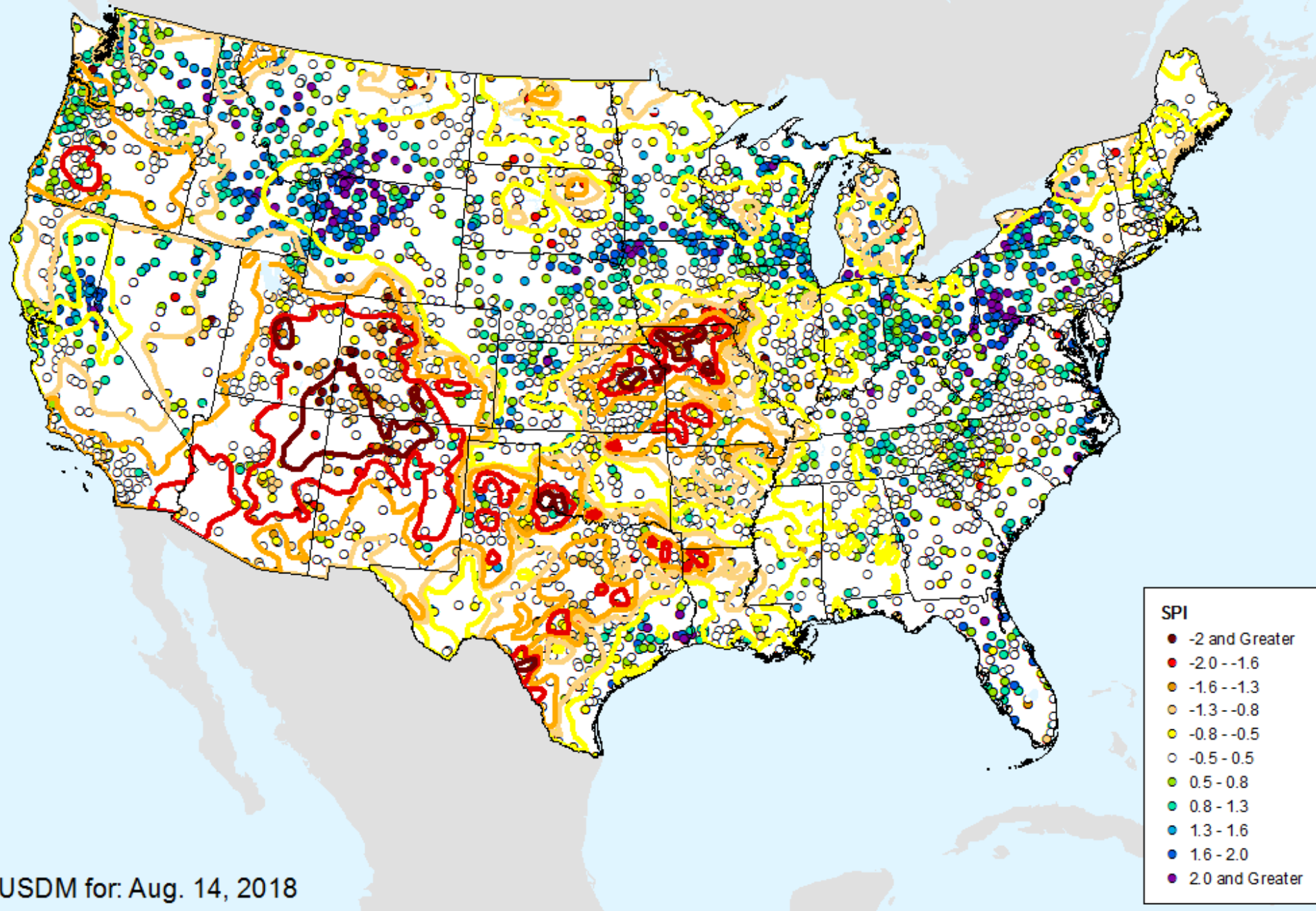


SPI

- -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

HPRCC 24-month SPI

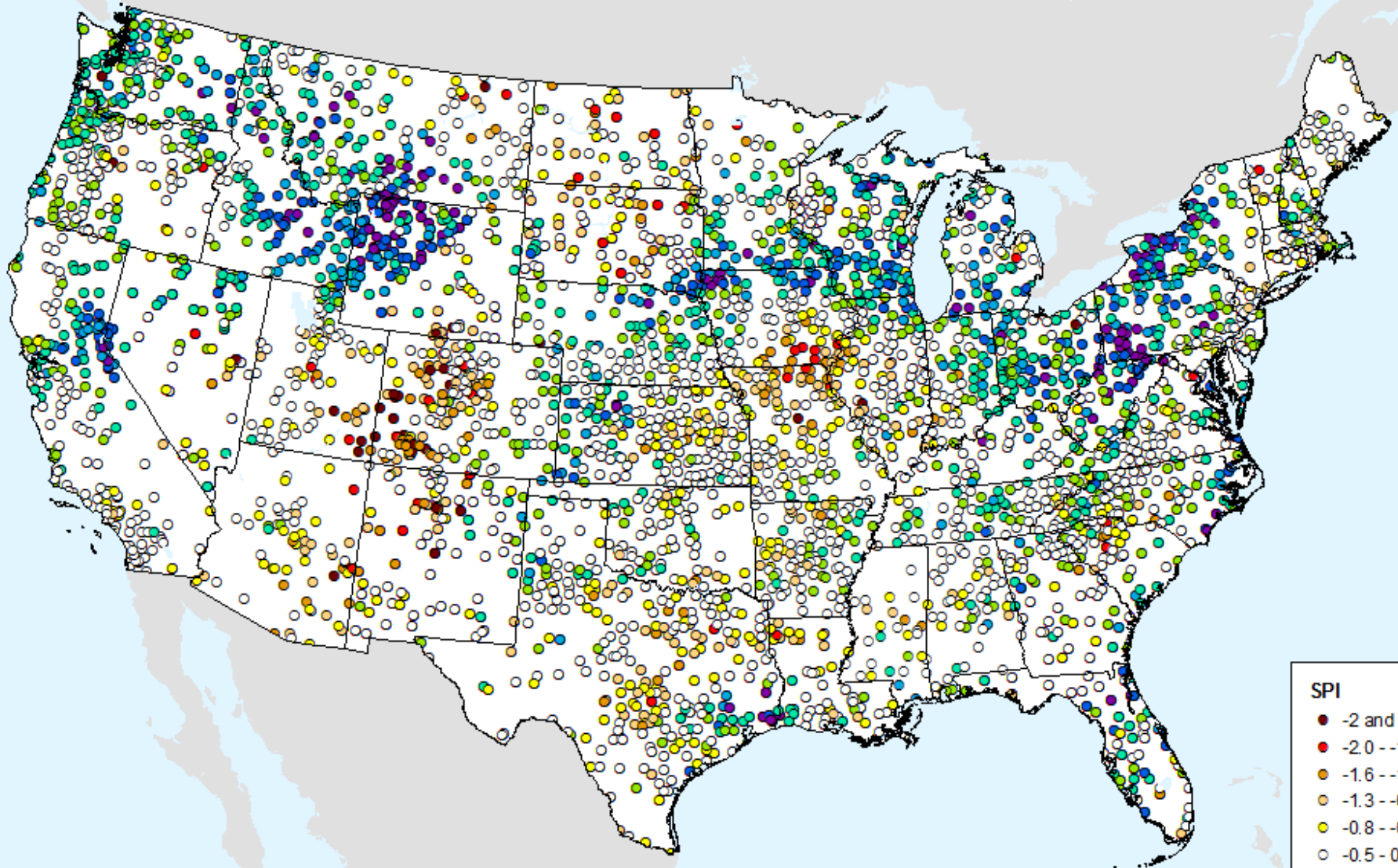
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

HPRCC 24-month SPI

As of: Tuesday, August 21, 2018

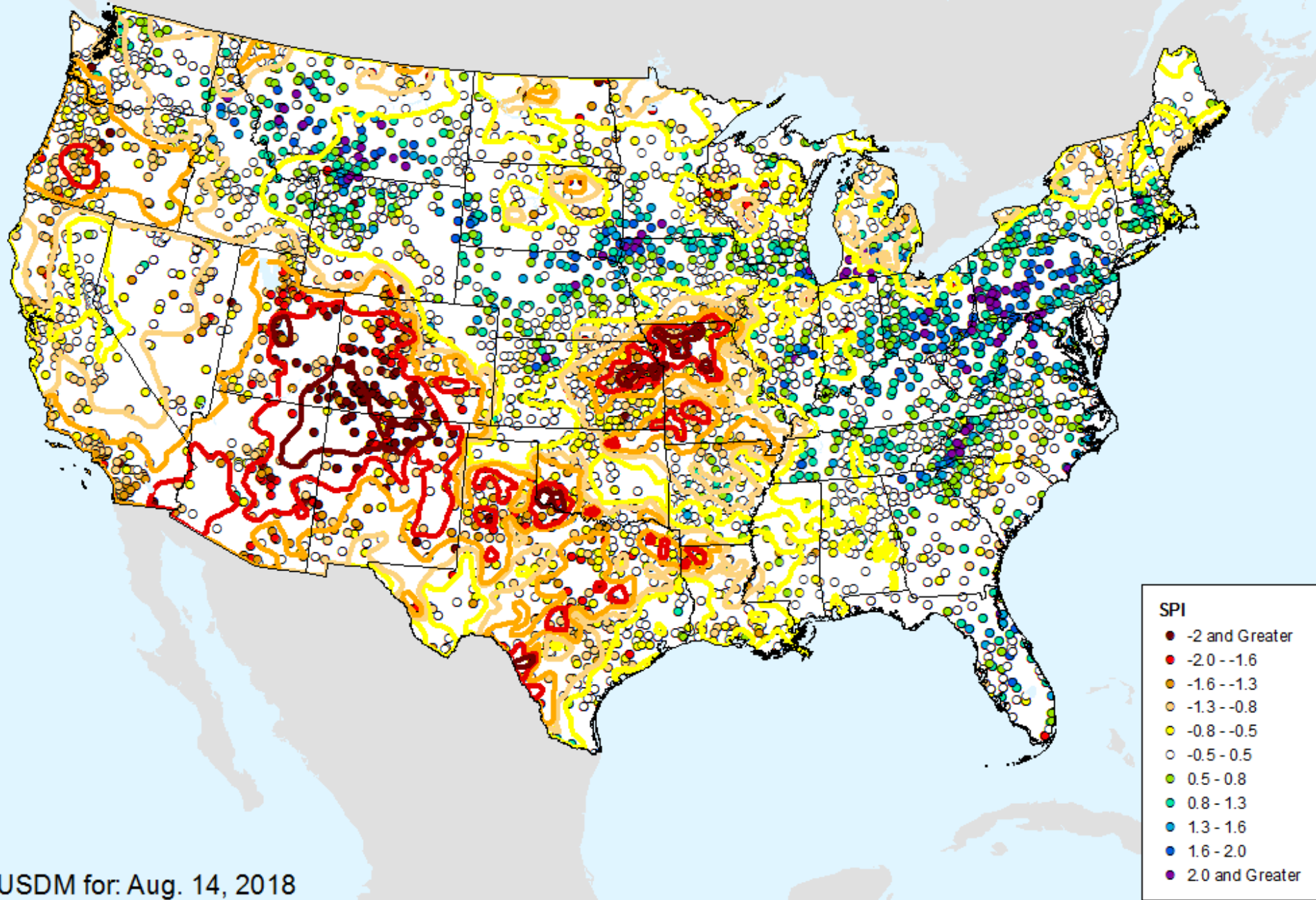


SPI

- -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

HPRCC Water Year-to-date SPI

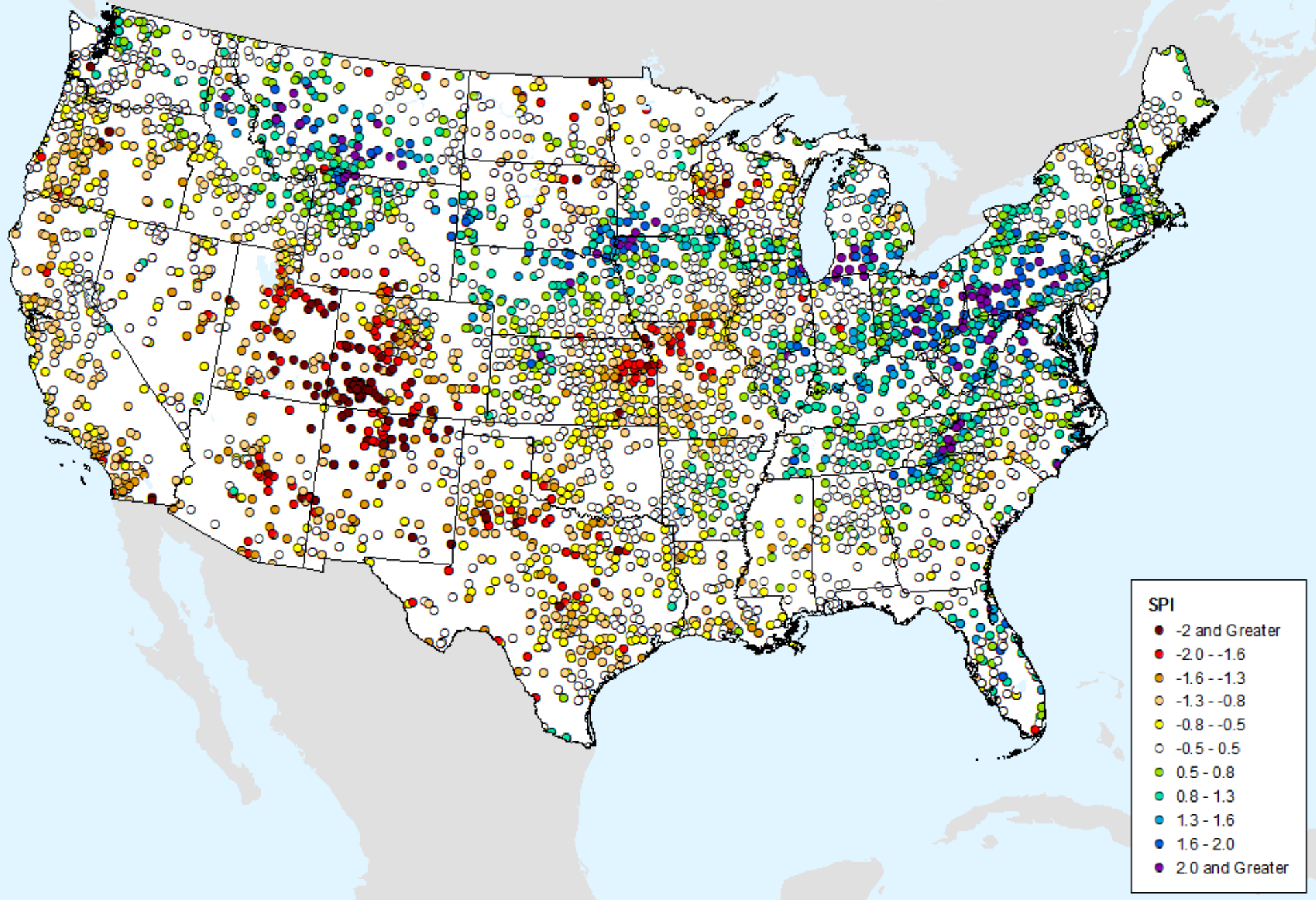
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

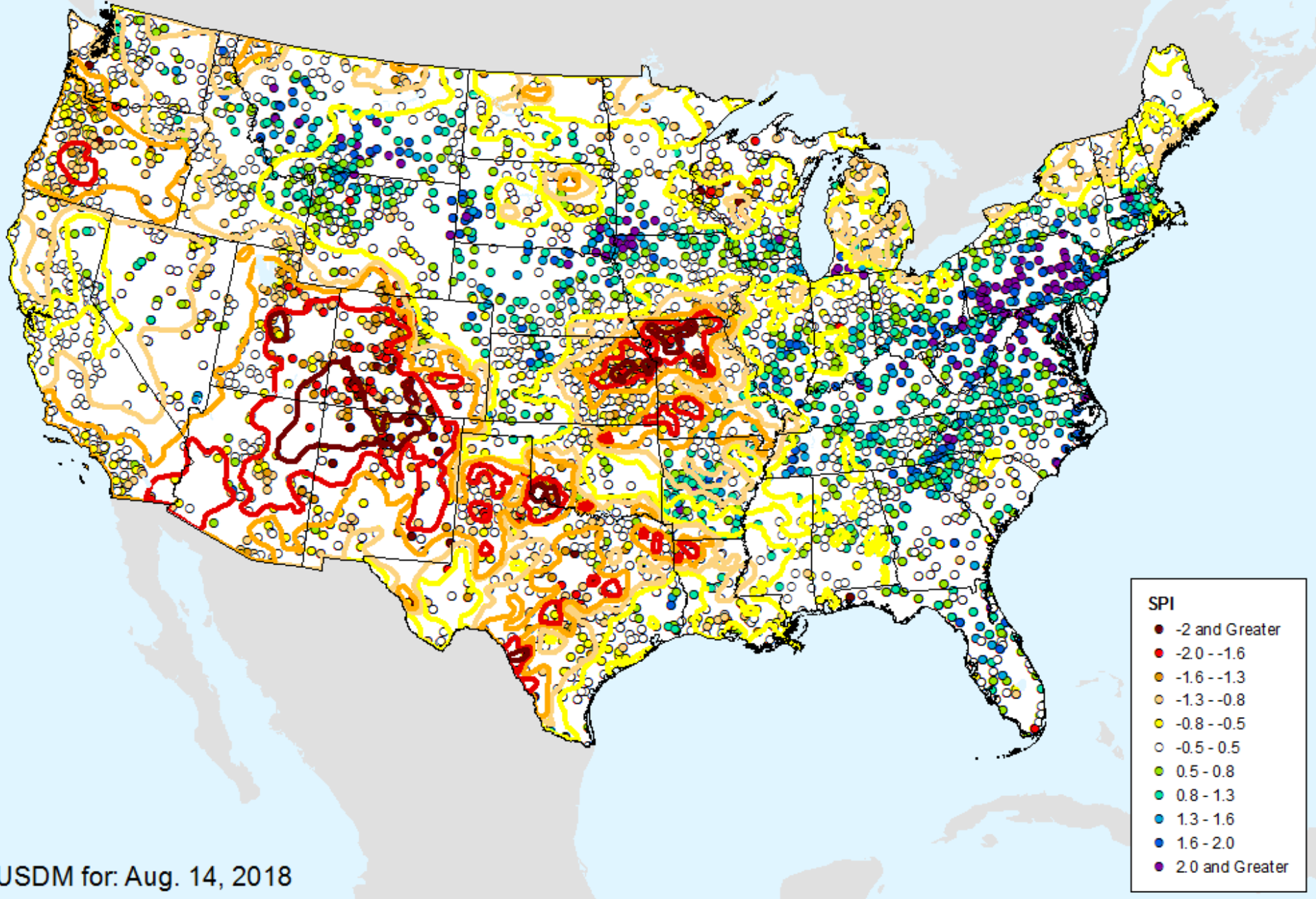
HPRCC Water Year-to-date SPI

As of: Tuesday, August 21, 2018



HPRCC Year-to-date SPI

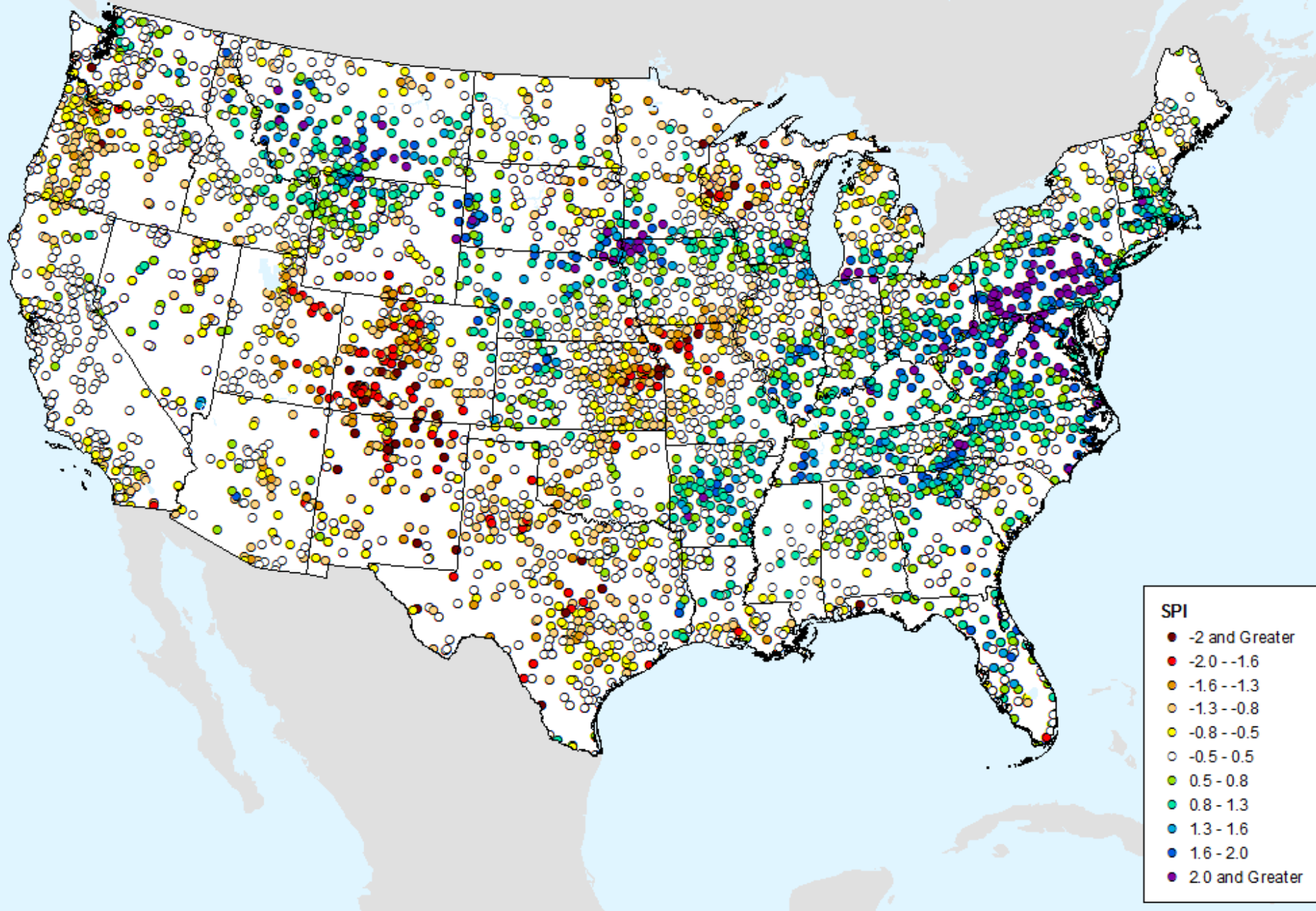
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

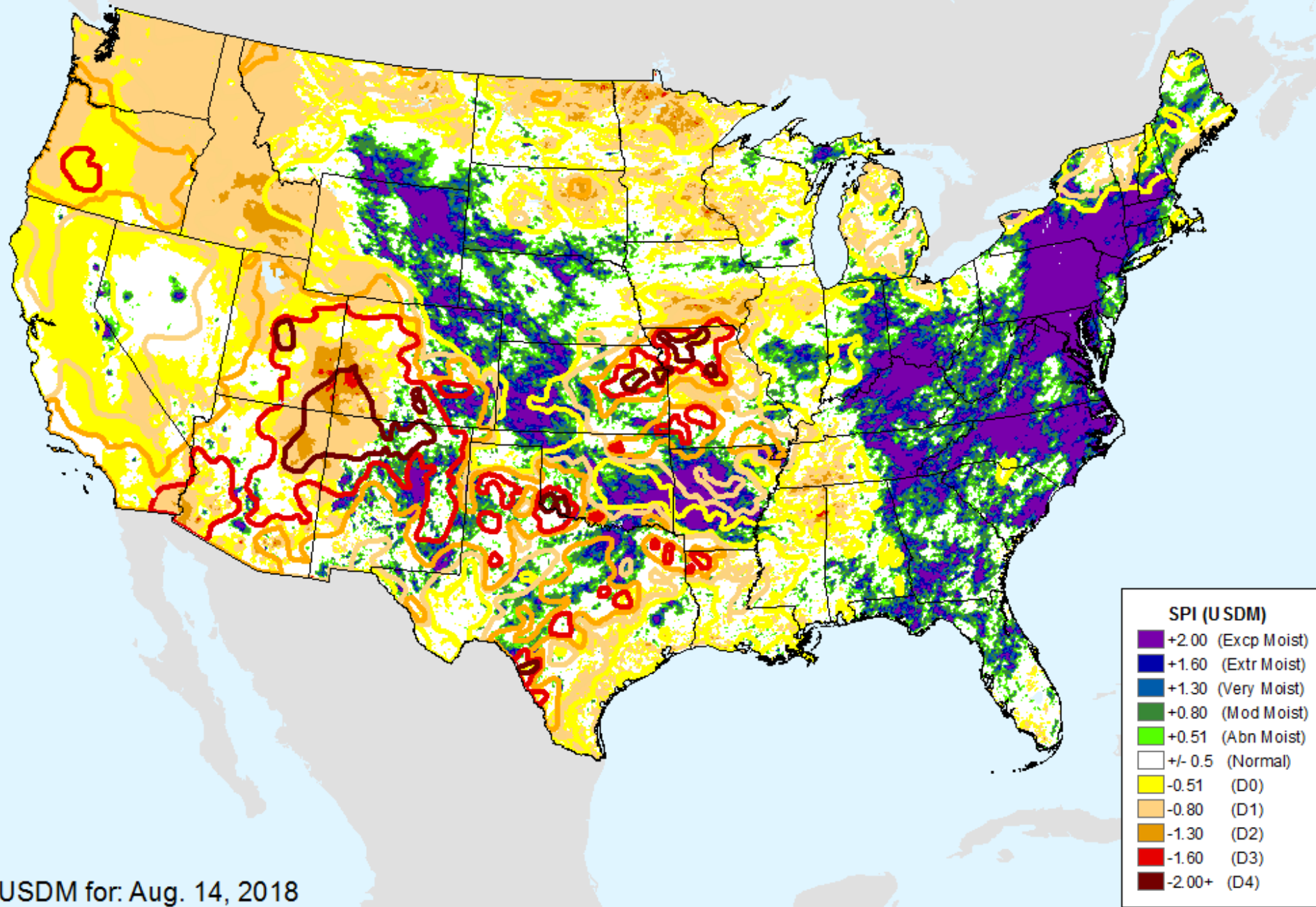
HPRCC Year-to-date SPI

As of: Tuesday, August 21, 2018



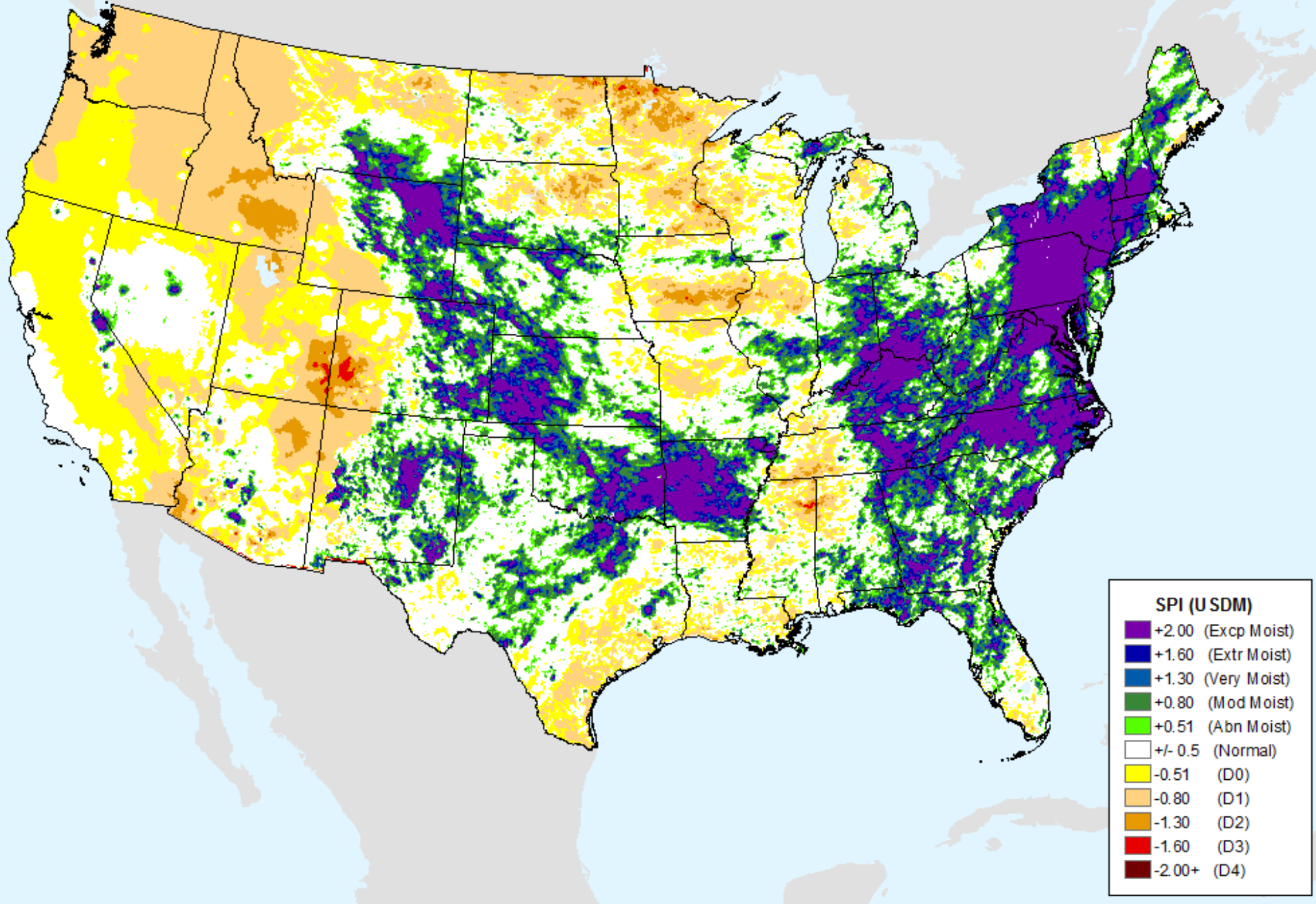
AHPS 1-month SPI

As of: Tuesday, August 21, 2018



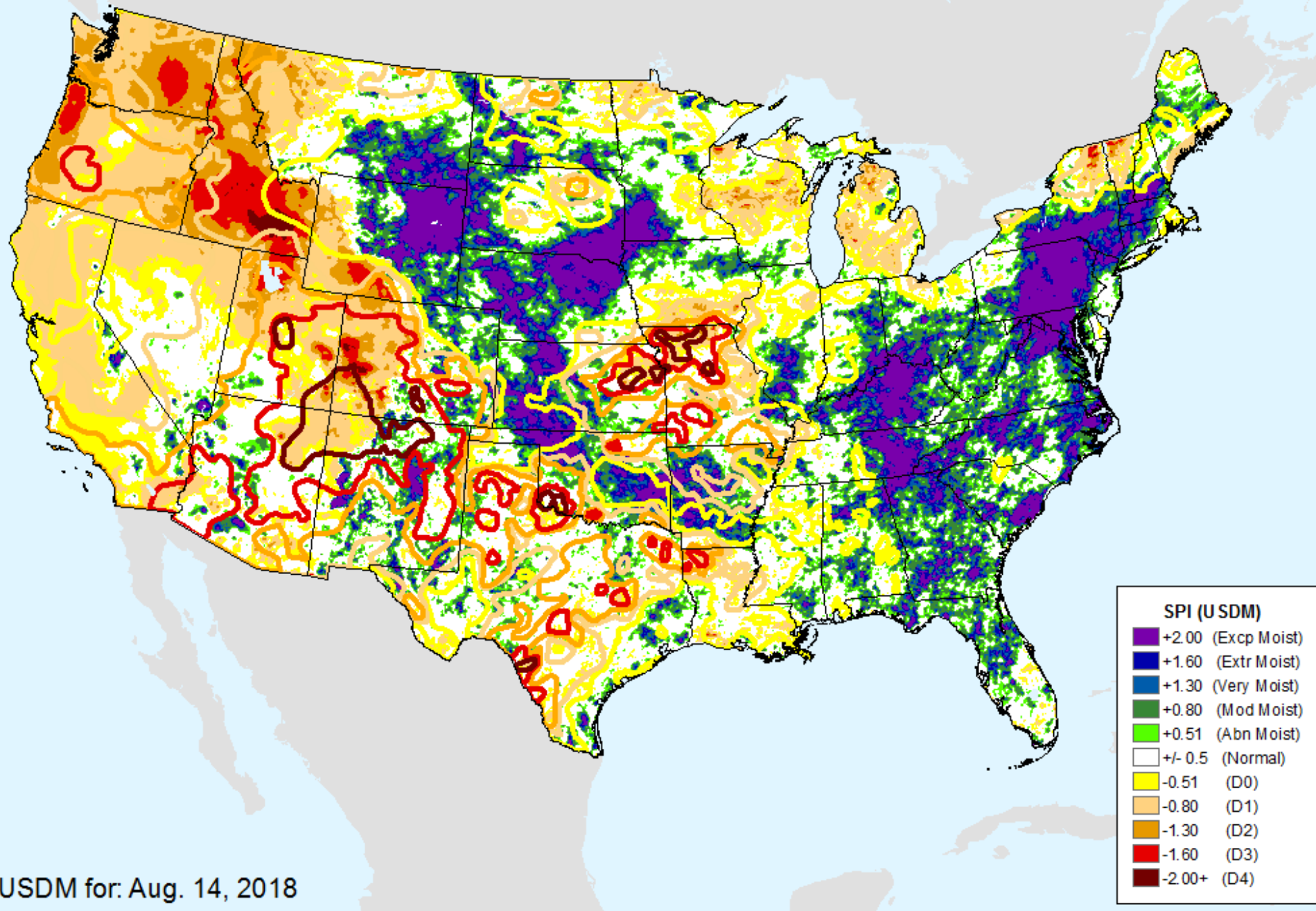
AHPS 1-month SPI

As of: Tuesday, August 21, 2018



AHPS 2-month SPI

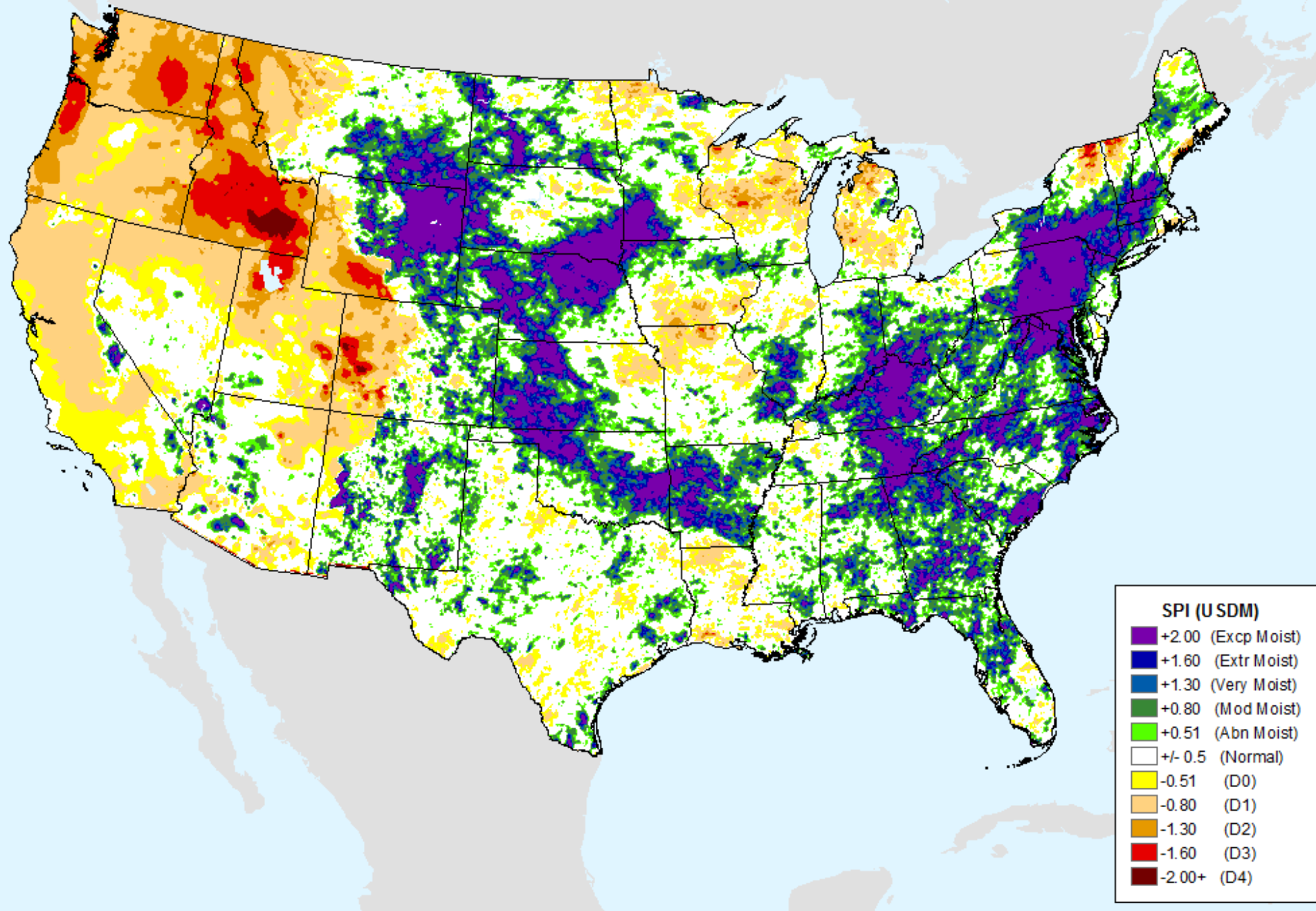
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

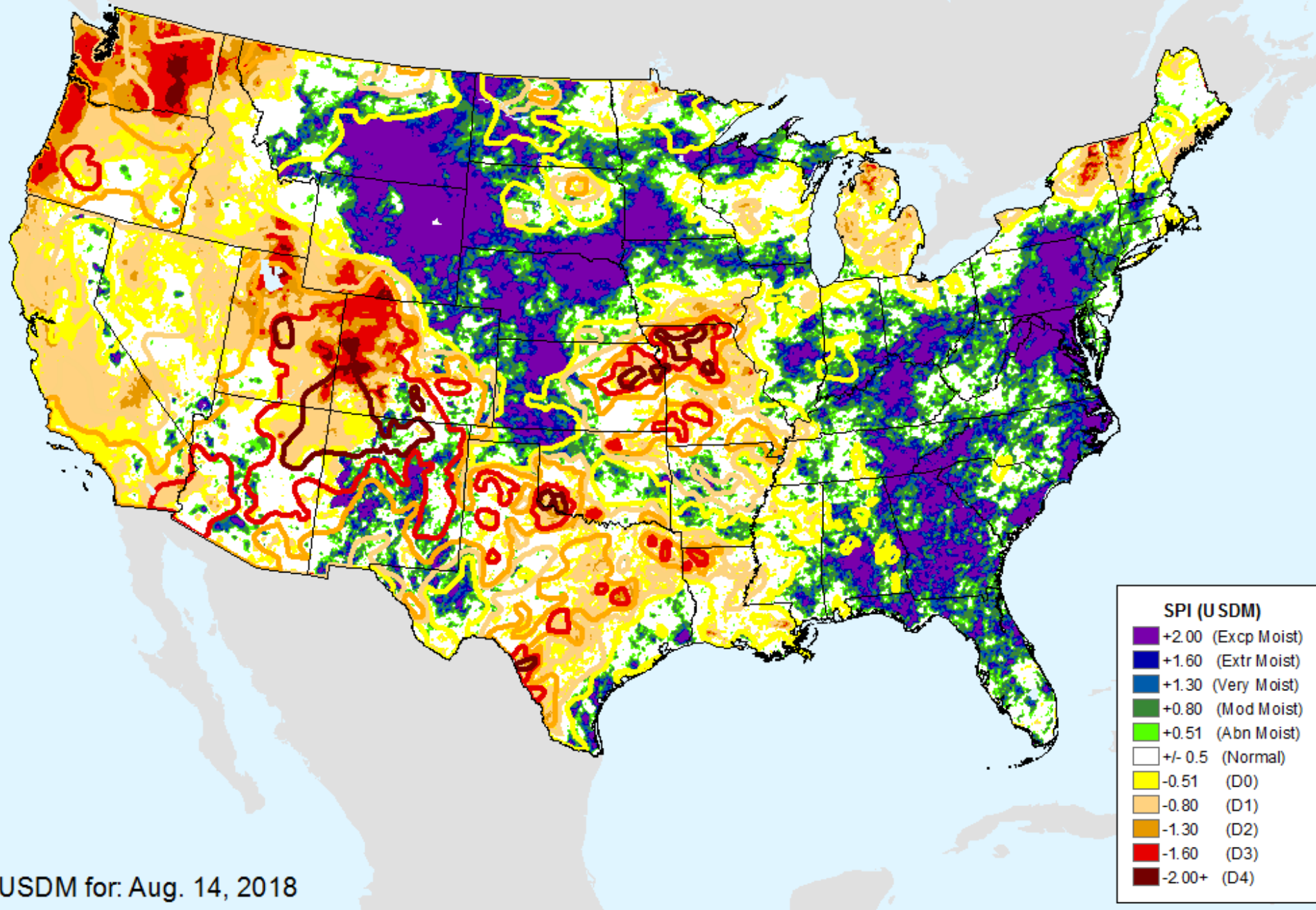
AHPS 2-month SPI

As of: Tuesday, August 21, 2018



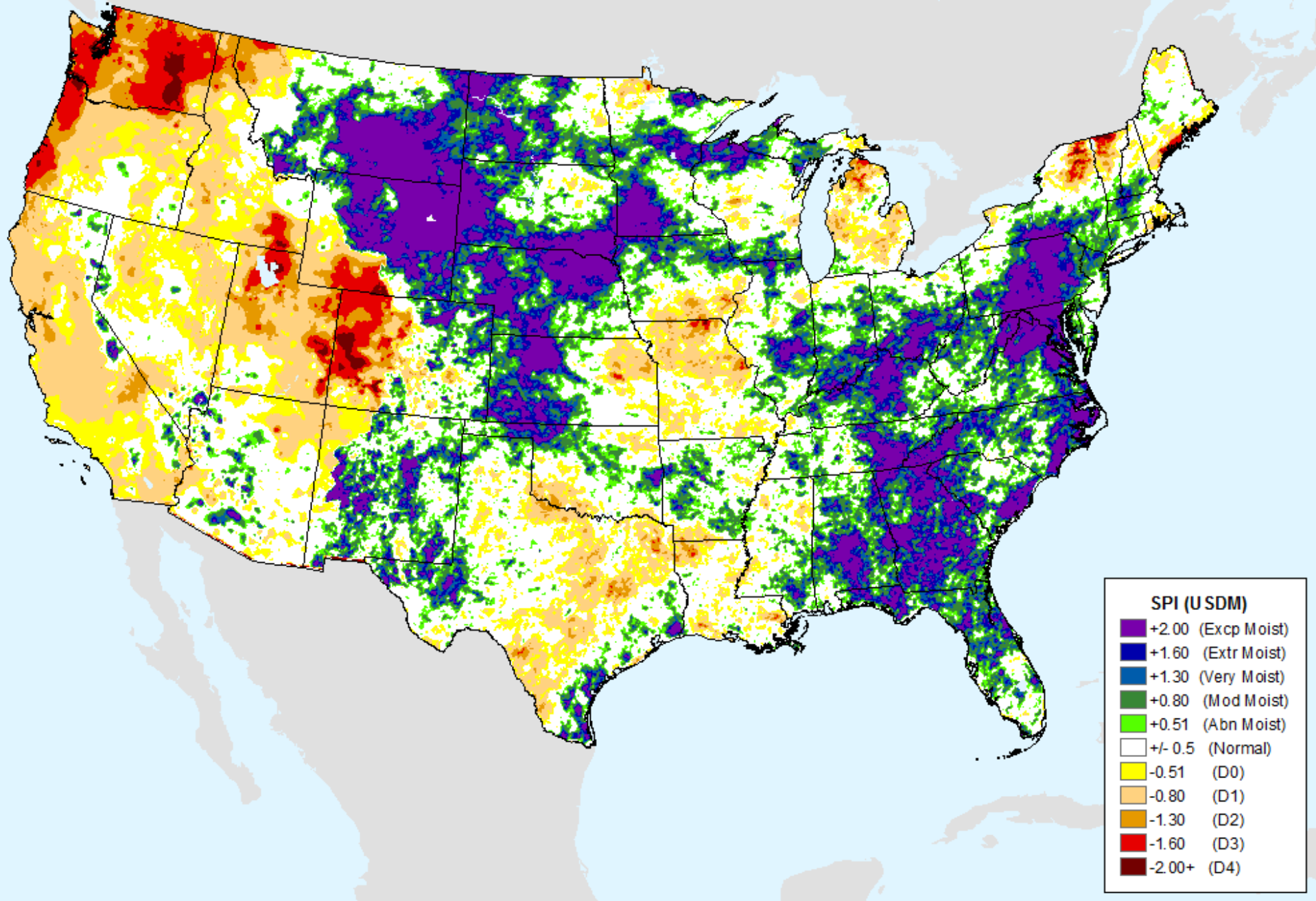
AHPS 3-month SPI

As of: Tuesday, August 21, 2018



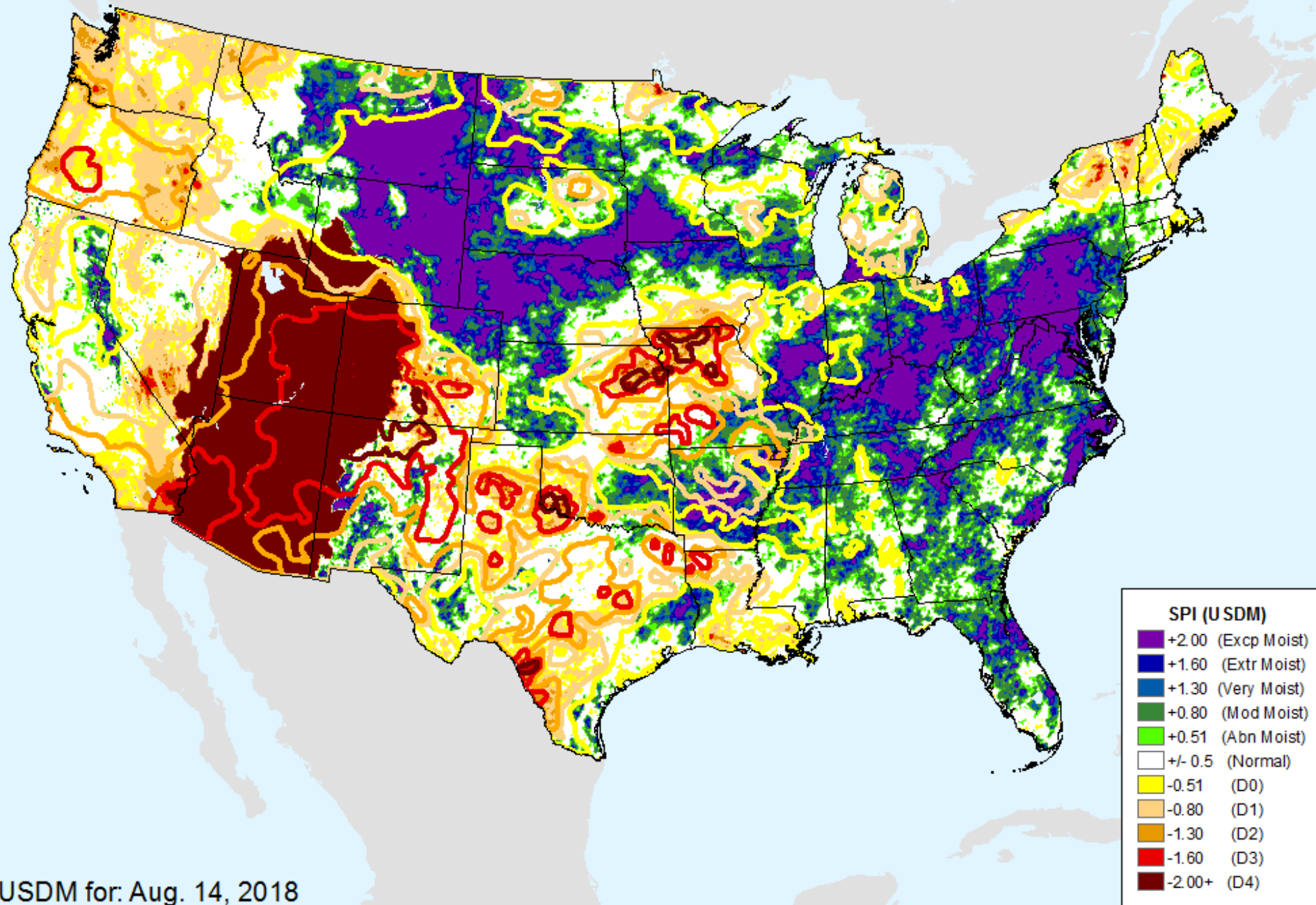
AHPS 3-month SPI

As of: Tuesday, August 21, 2018



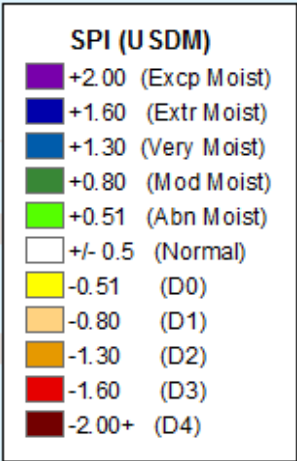
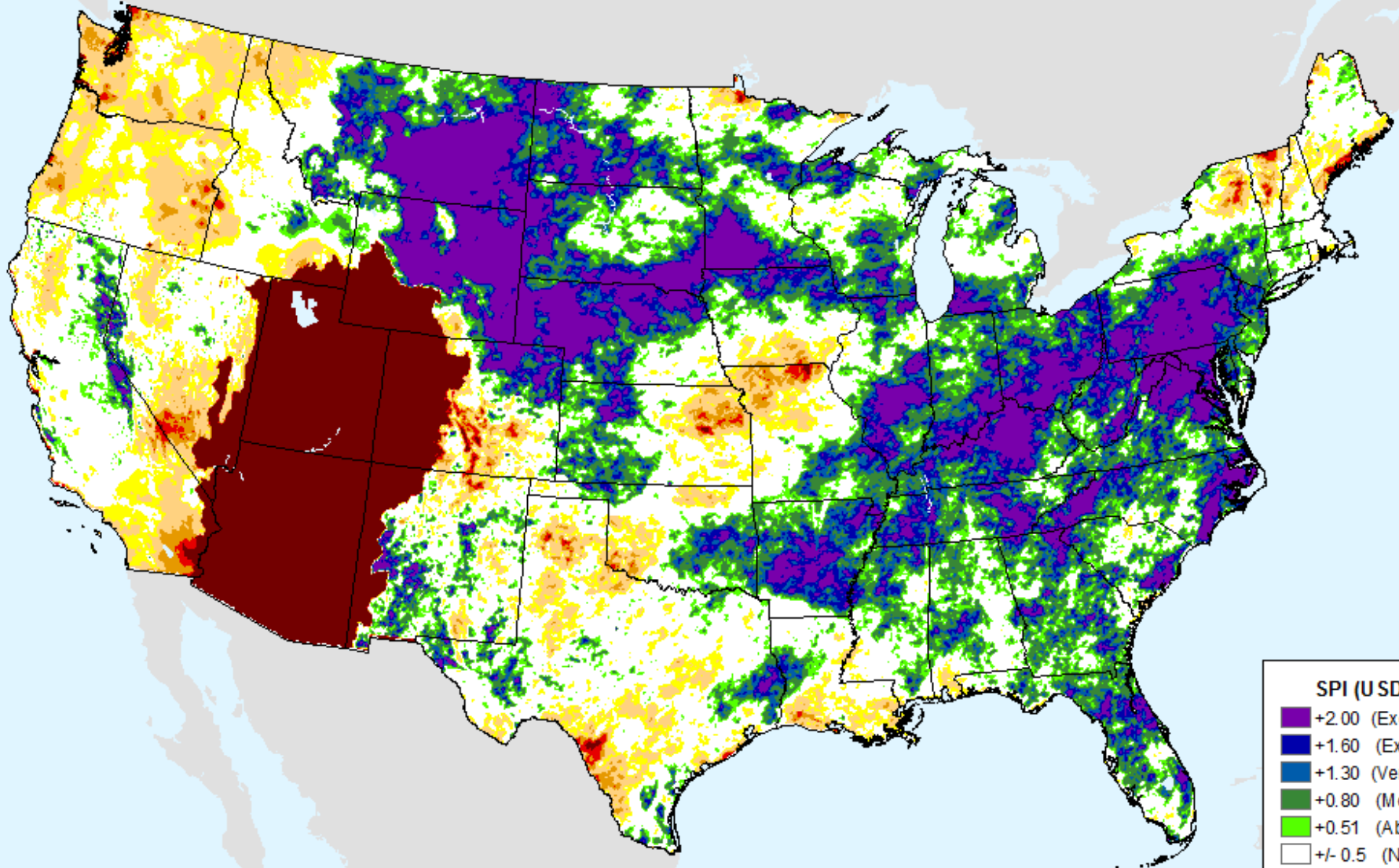
AHPS 6-month SPI

As of: Tuesday, August 21, 2018



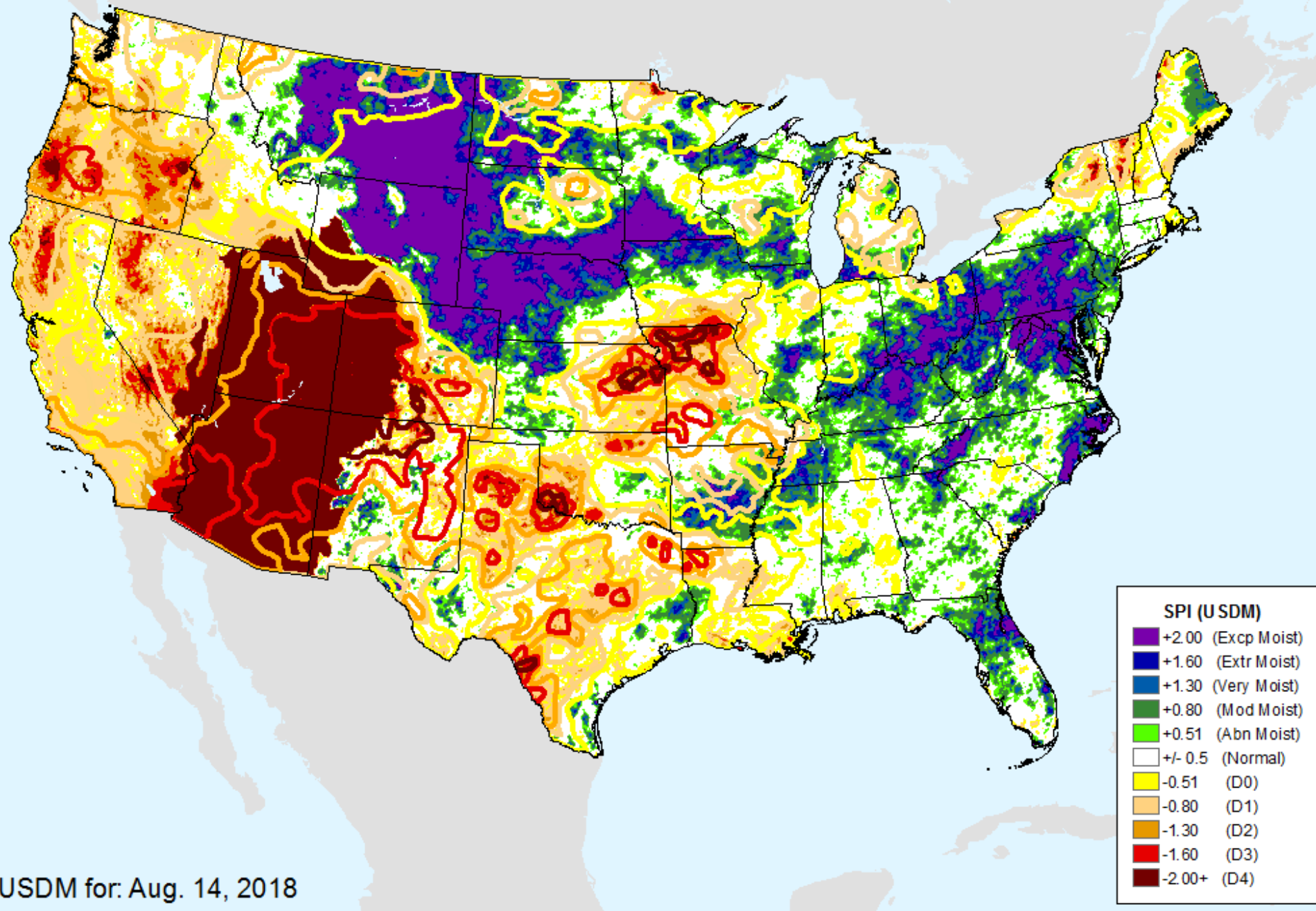
AHPS 6-month SPI

As of: Tuesday, August 21, 2018



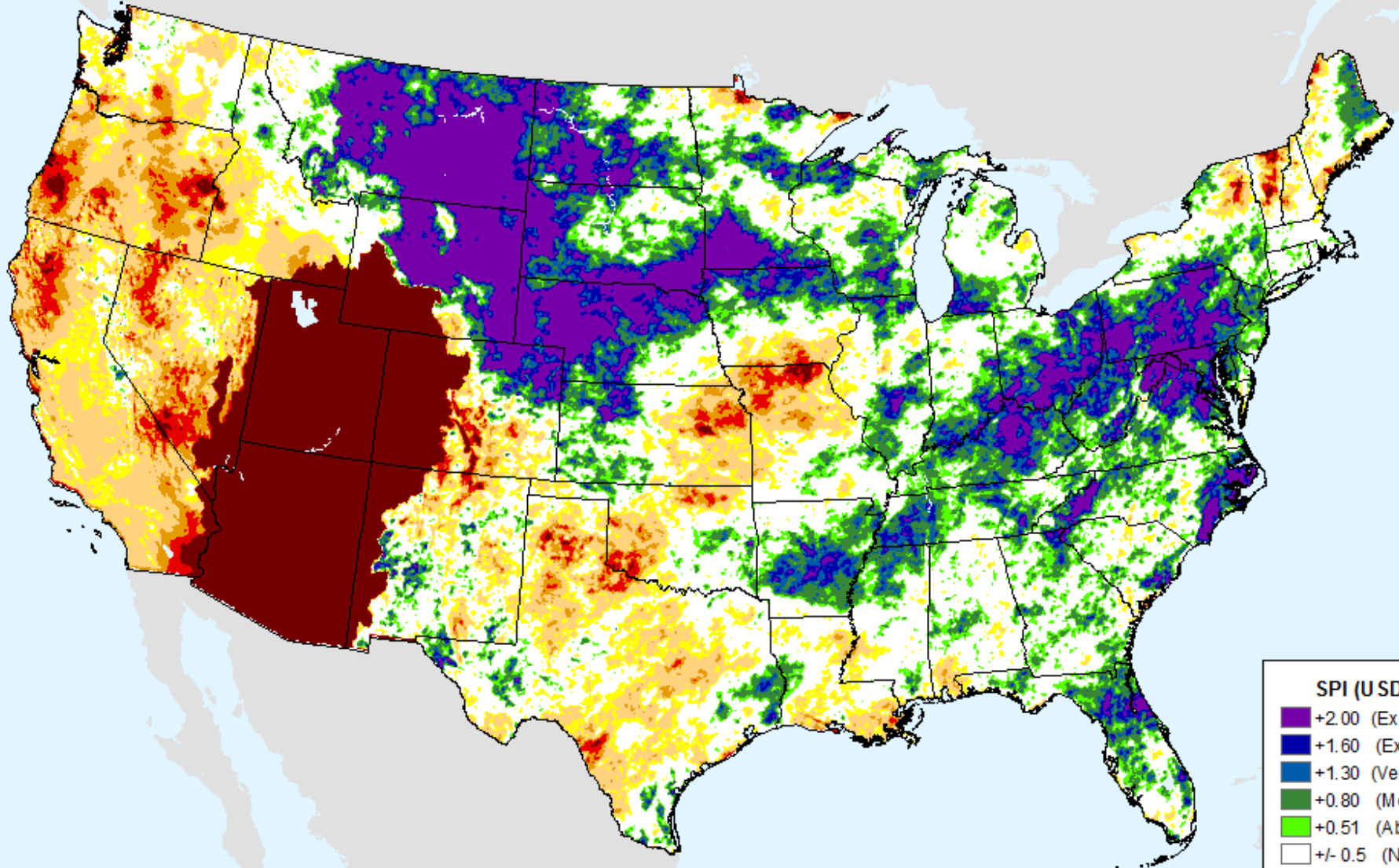
AHPS 9-month SPI

As of: Tuesday, August 21, 2018



AHPS 9-month SPI

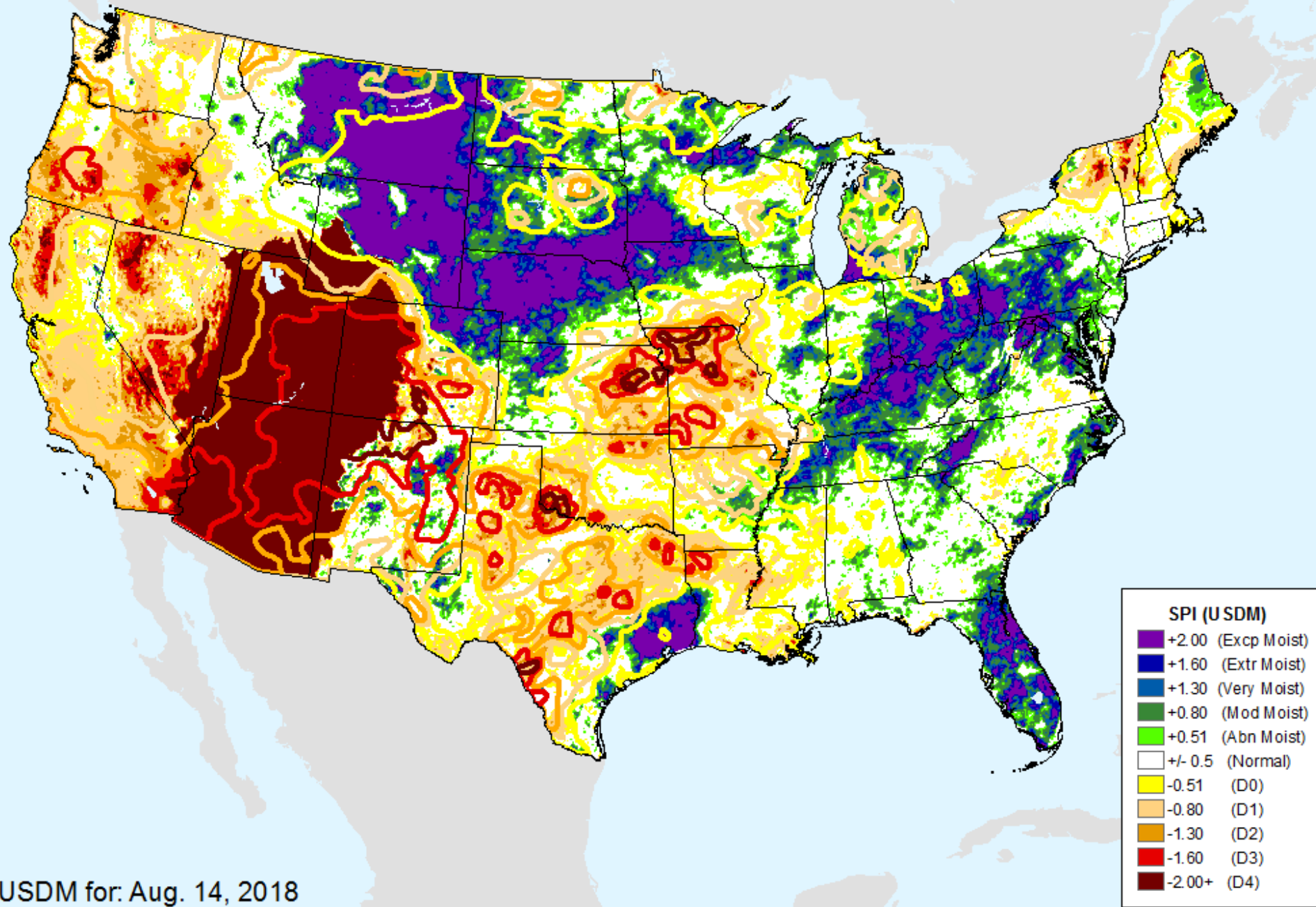
As of: Tuesday, August 21, 2018



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)
Orange	-0.80 (D1)
Dark Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

AHPS 12-month SPI

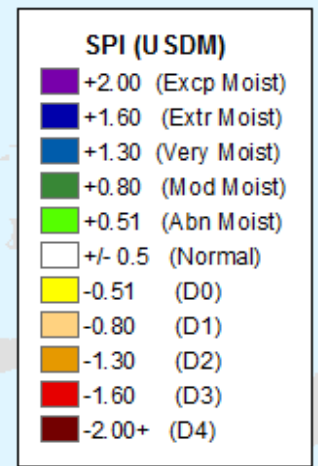
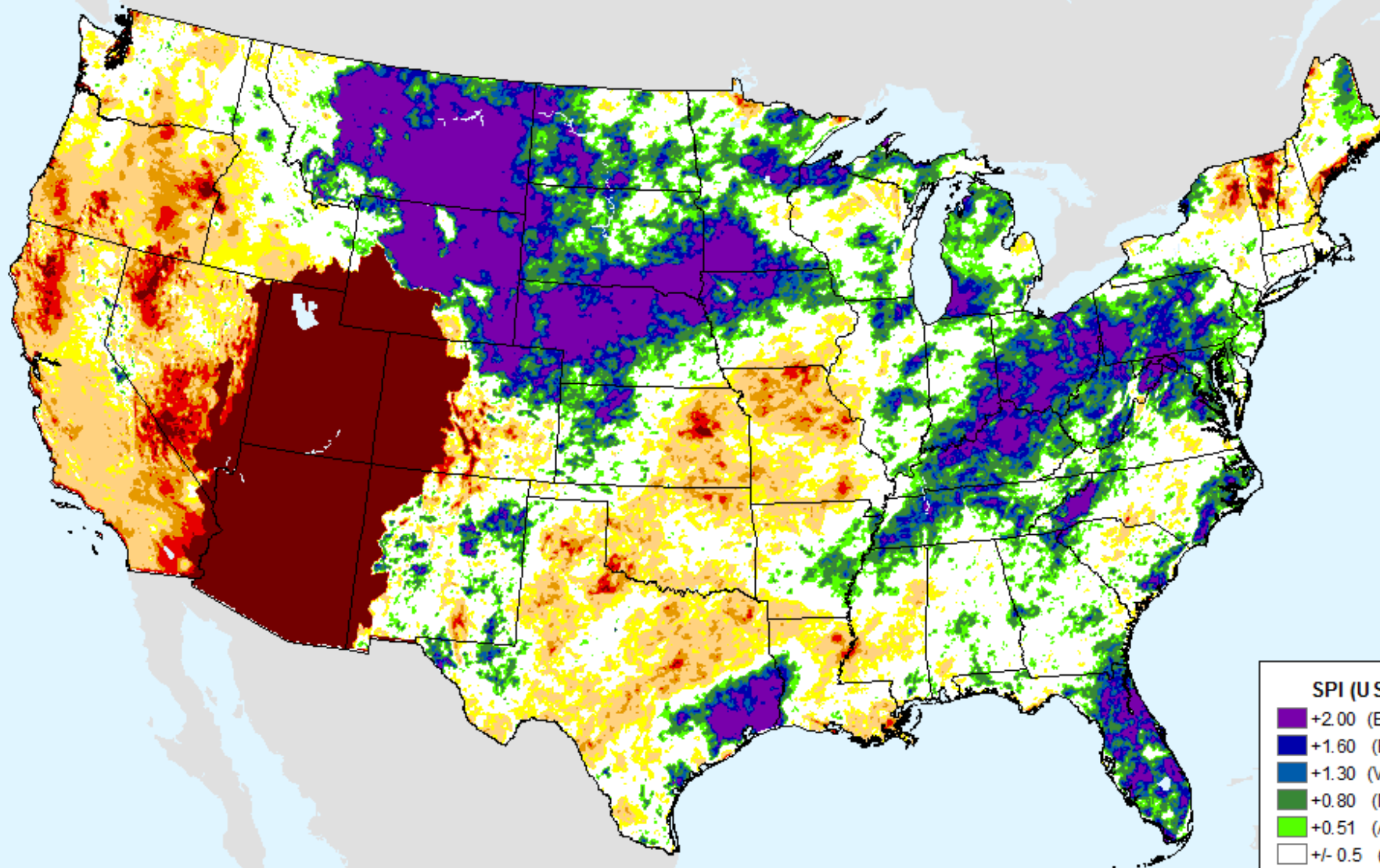
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

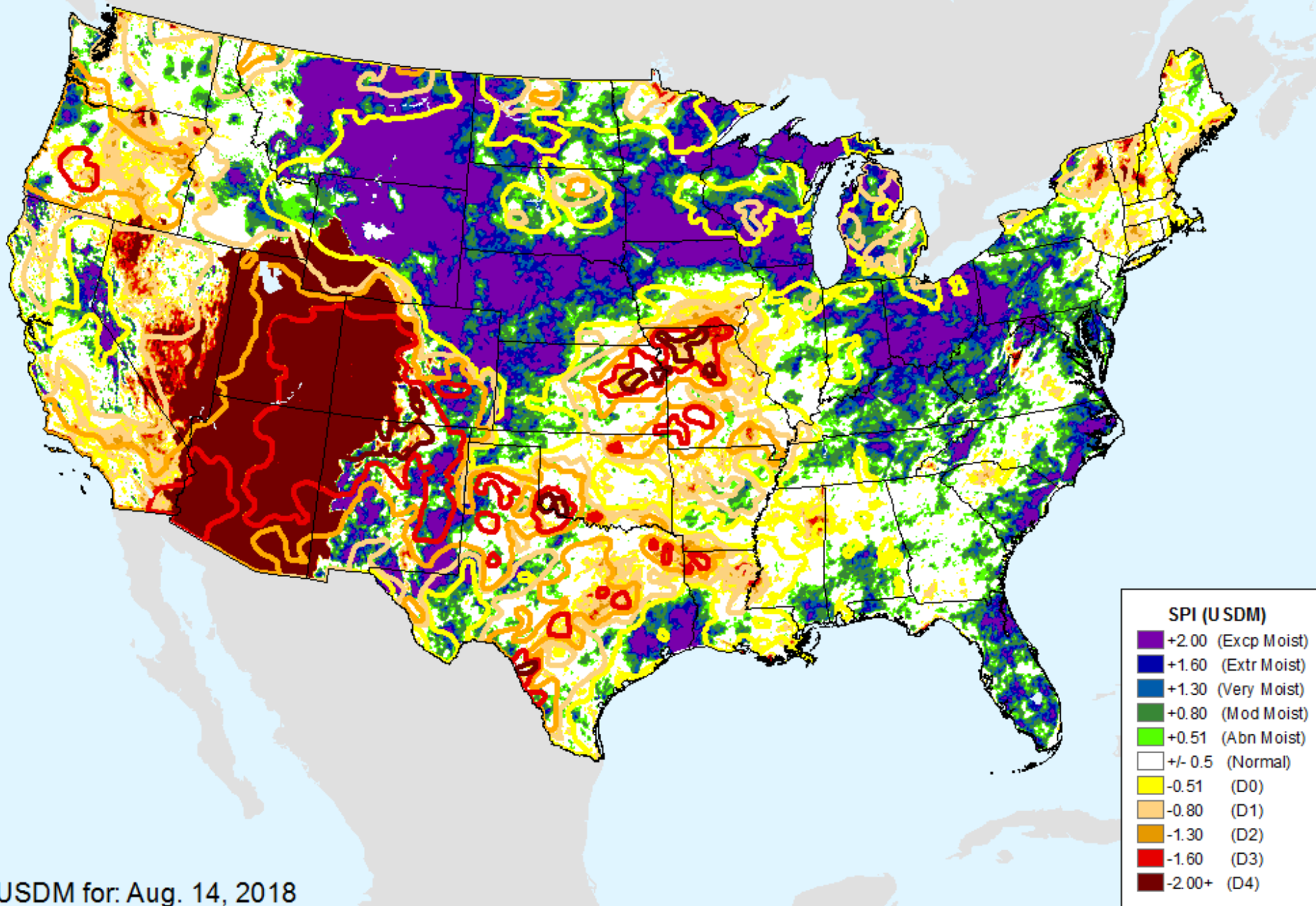
AHPS 12-month SPI

As of: Tuesday, August 21, 2018



AHPS 24-month SPI

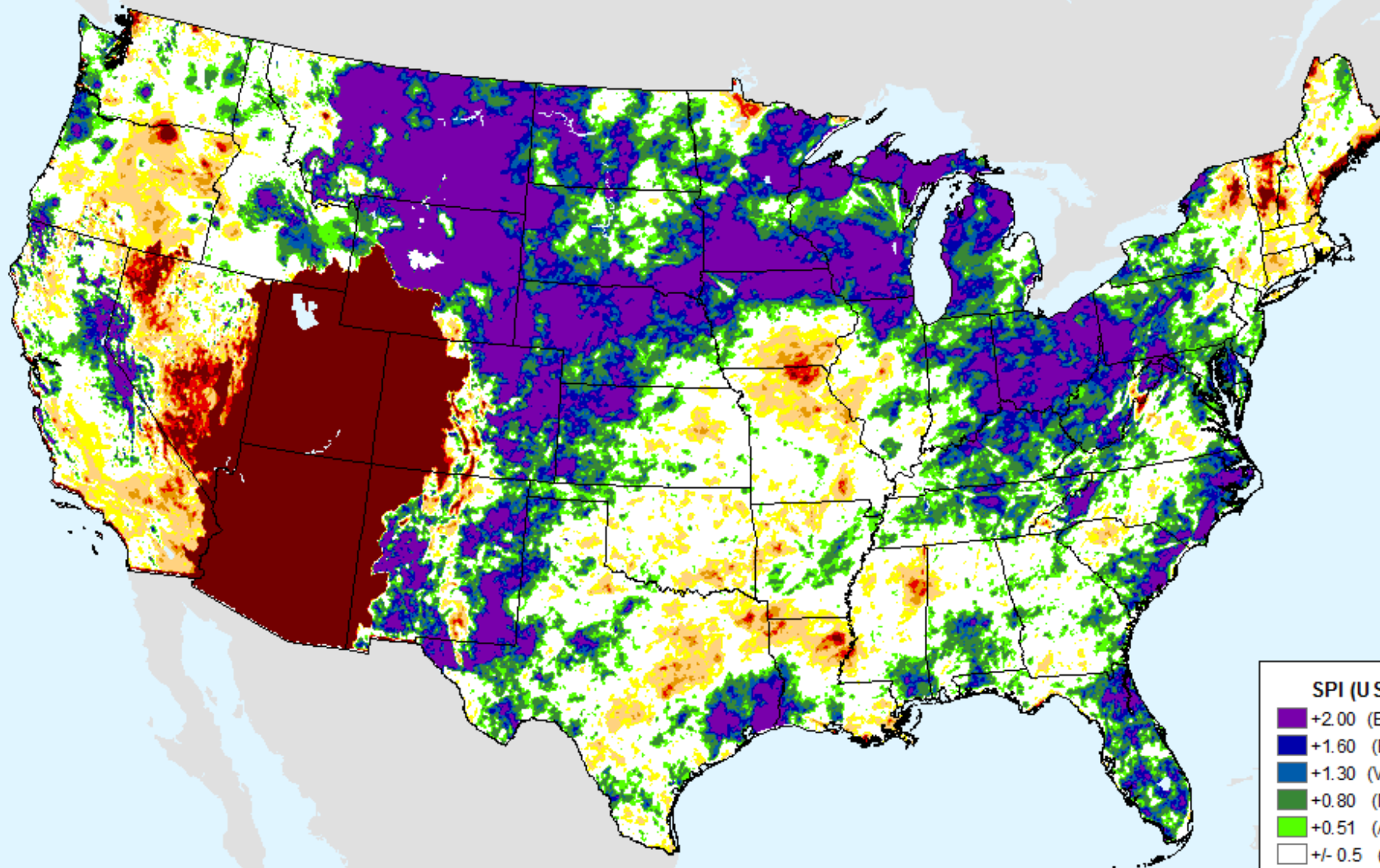
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

AHPS 24-month SPI

As of: Tuesday, August 21, 2018

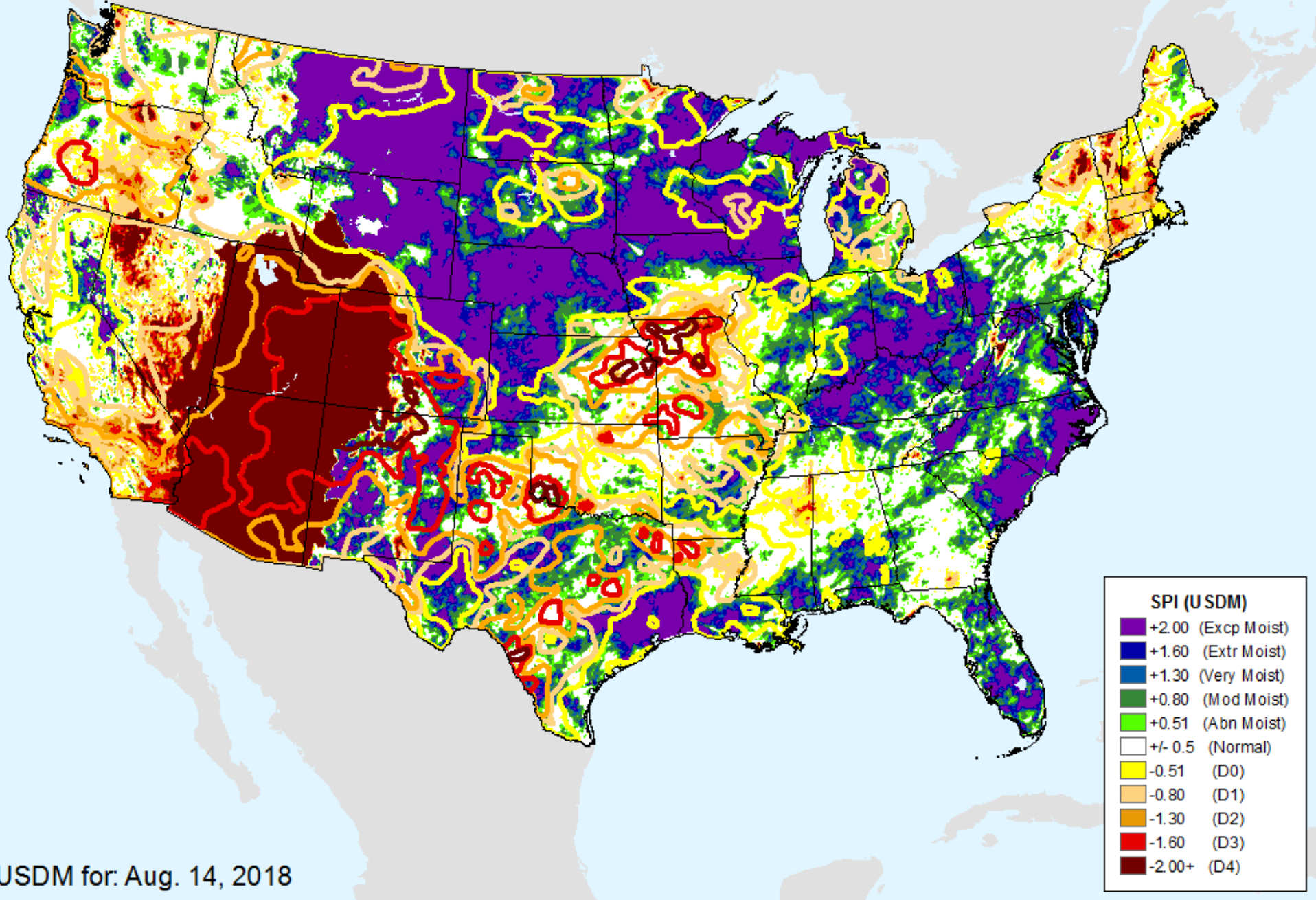


SPI (USDM)

- +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)

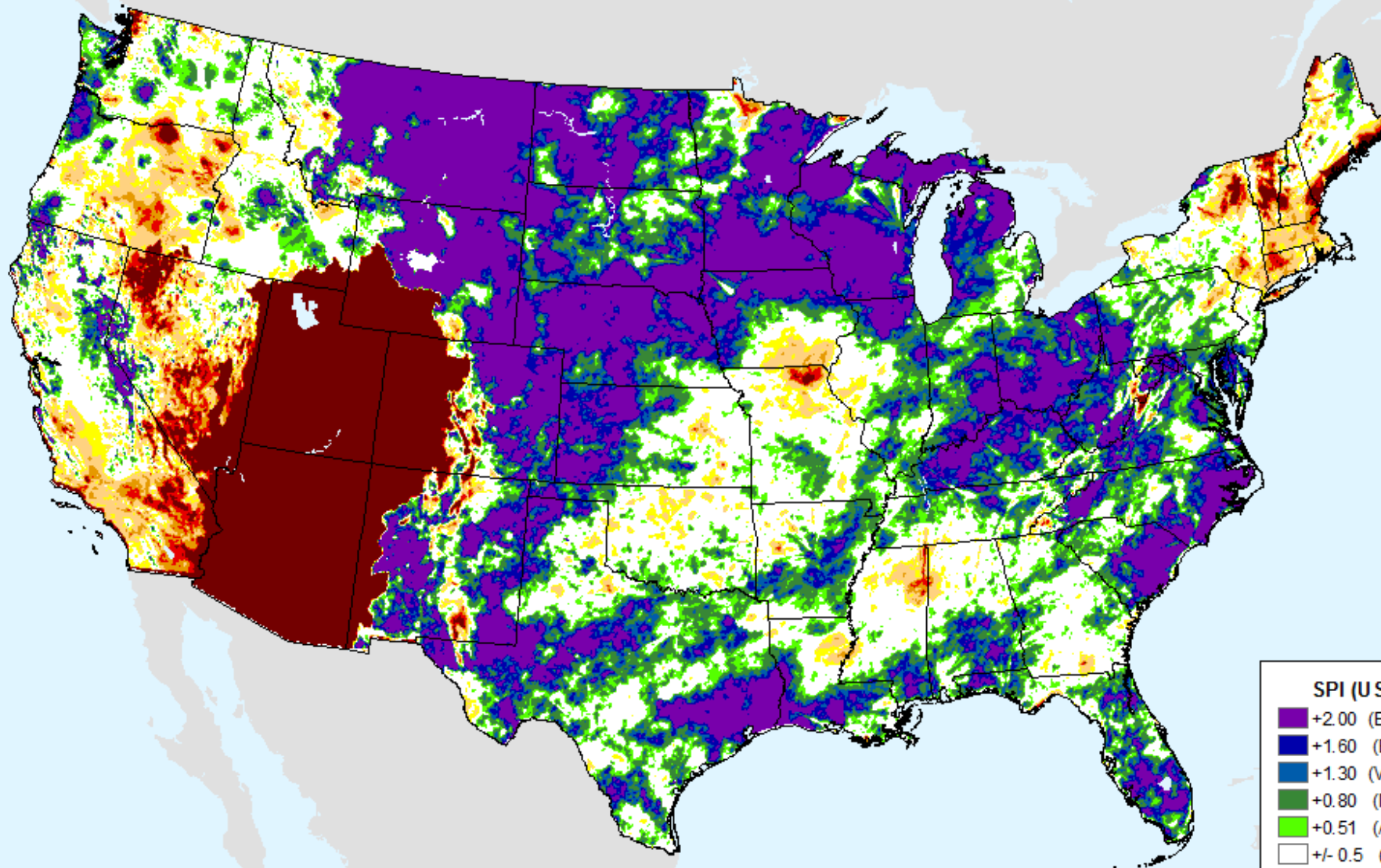
AHPS 36-month SPI

As of: Tuesday, August 21, 2018



AHPS 36-month SPI

As of: Tuesday, August 21, 2018

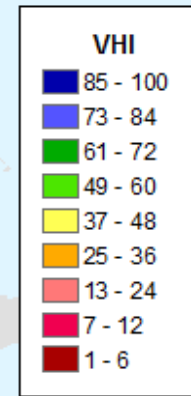
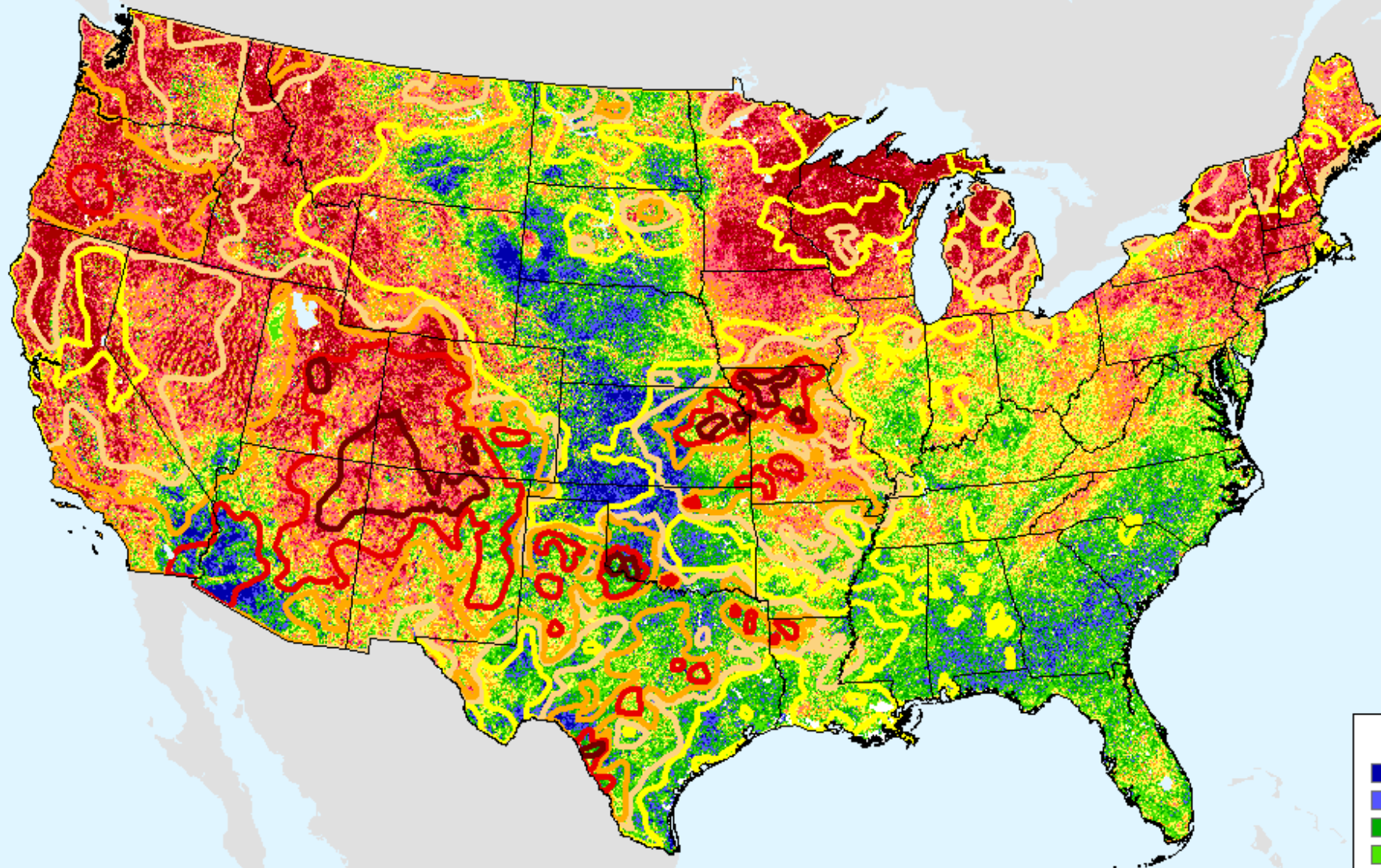


SPI (USDM)

- +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)

Vegetation Health Index

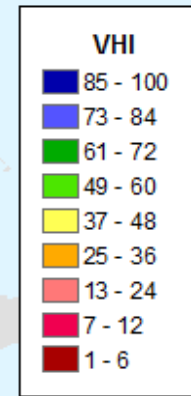
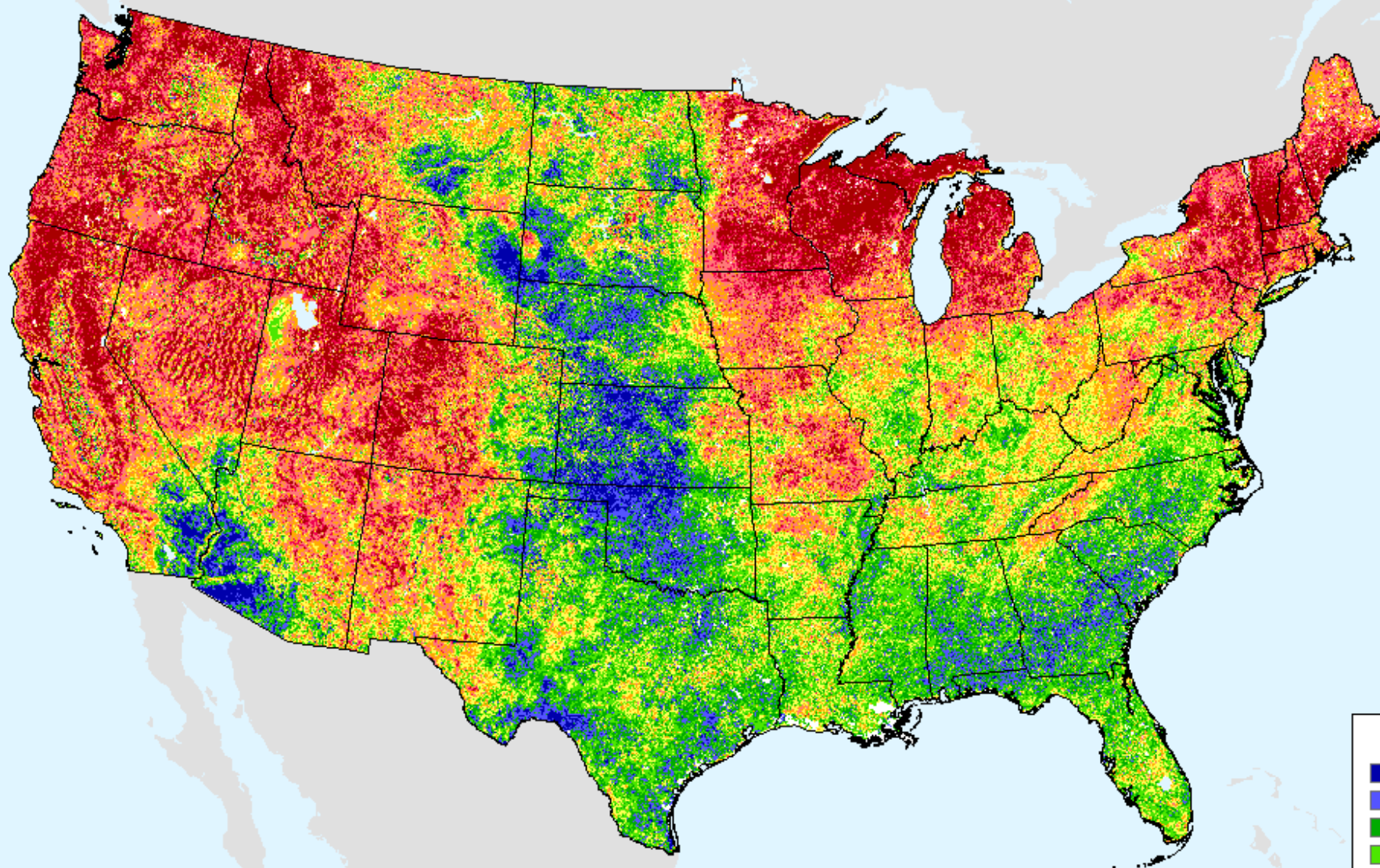
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

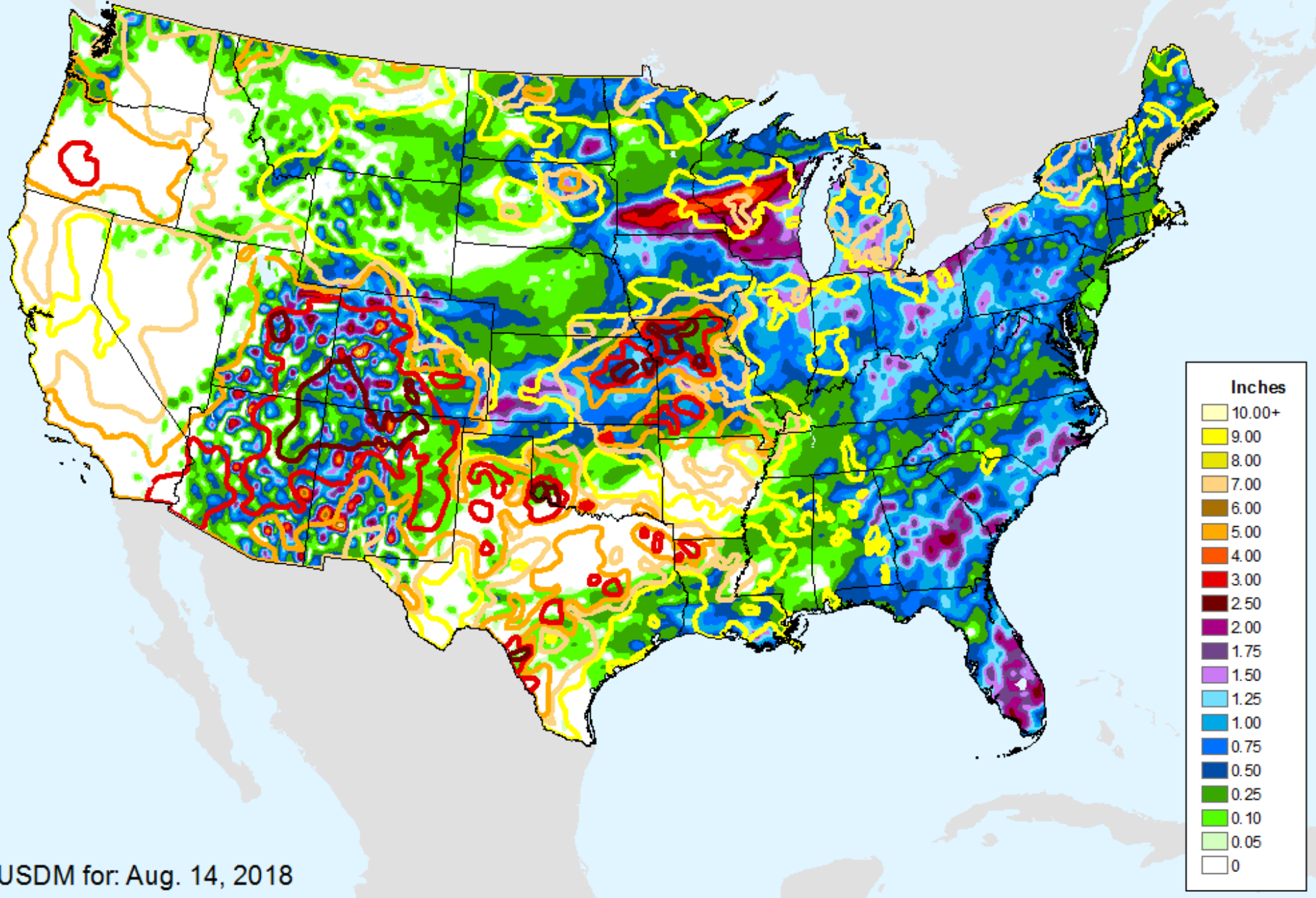
Vegetation Health Index

As of: Tuesday, August 21, 2018



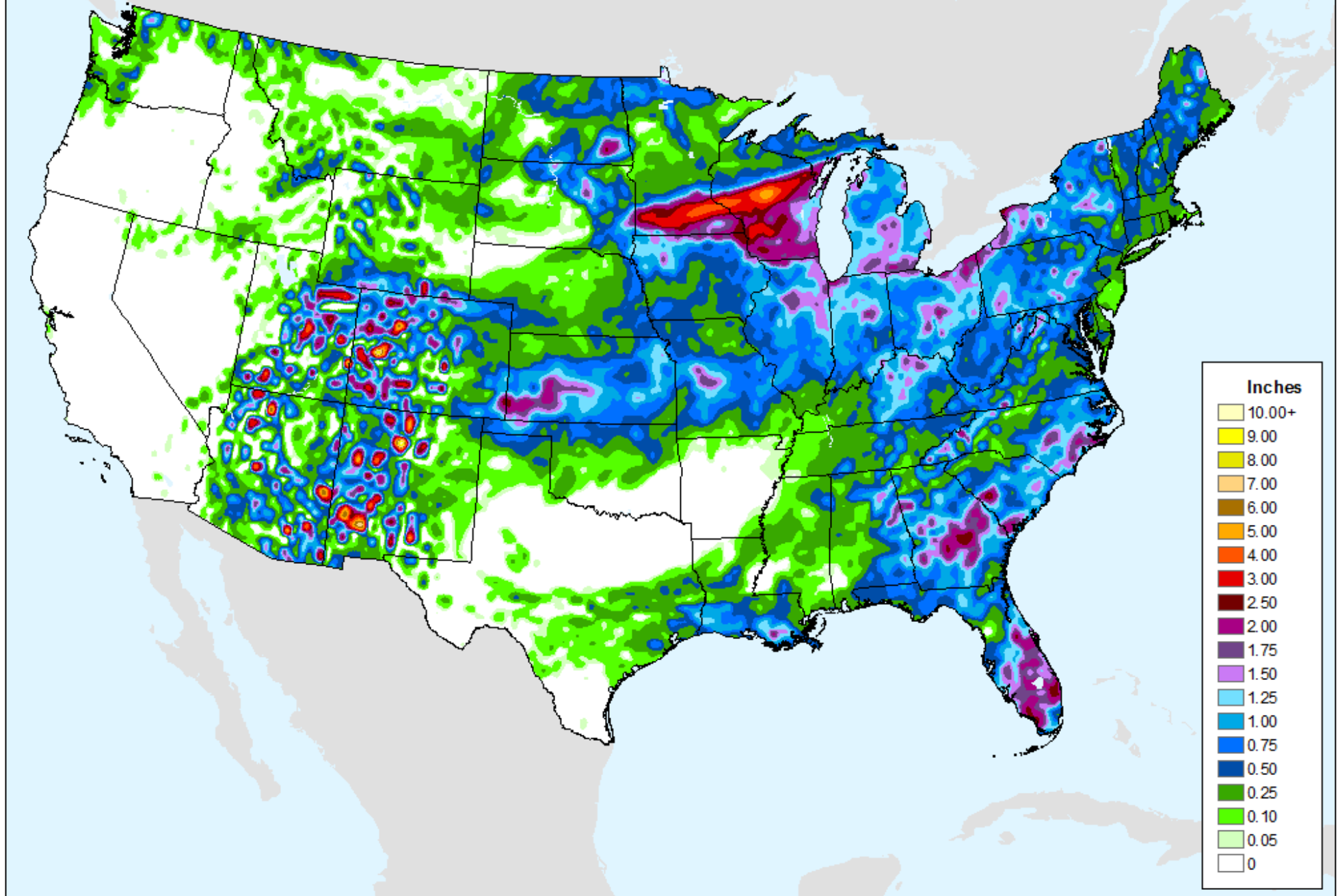
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, August 21, 2018



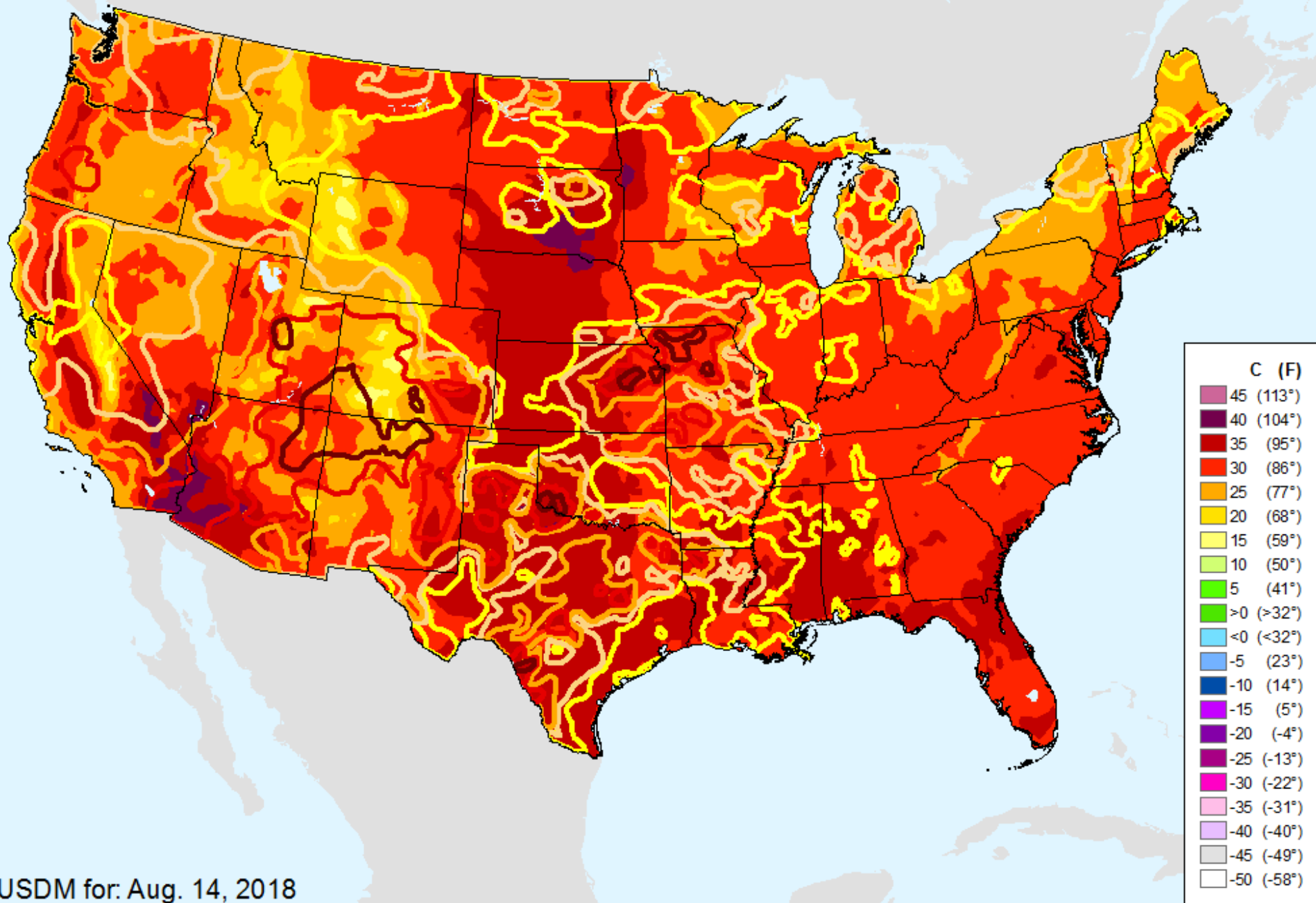
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, August 21, 2018



GFS (00z) 7-Day Max Temp Forecast

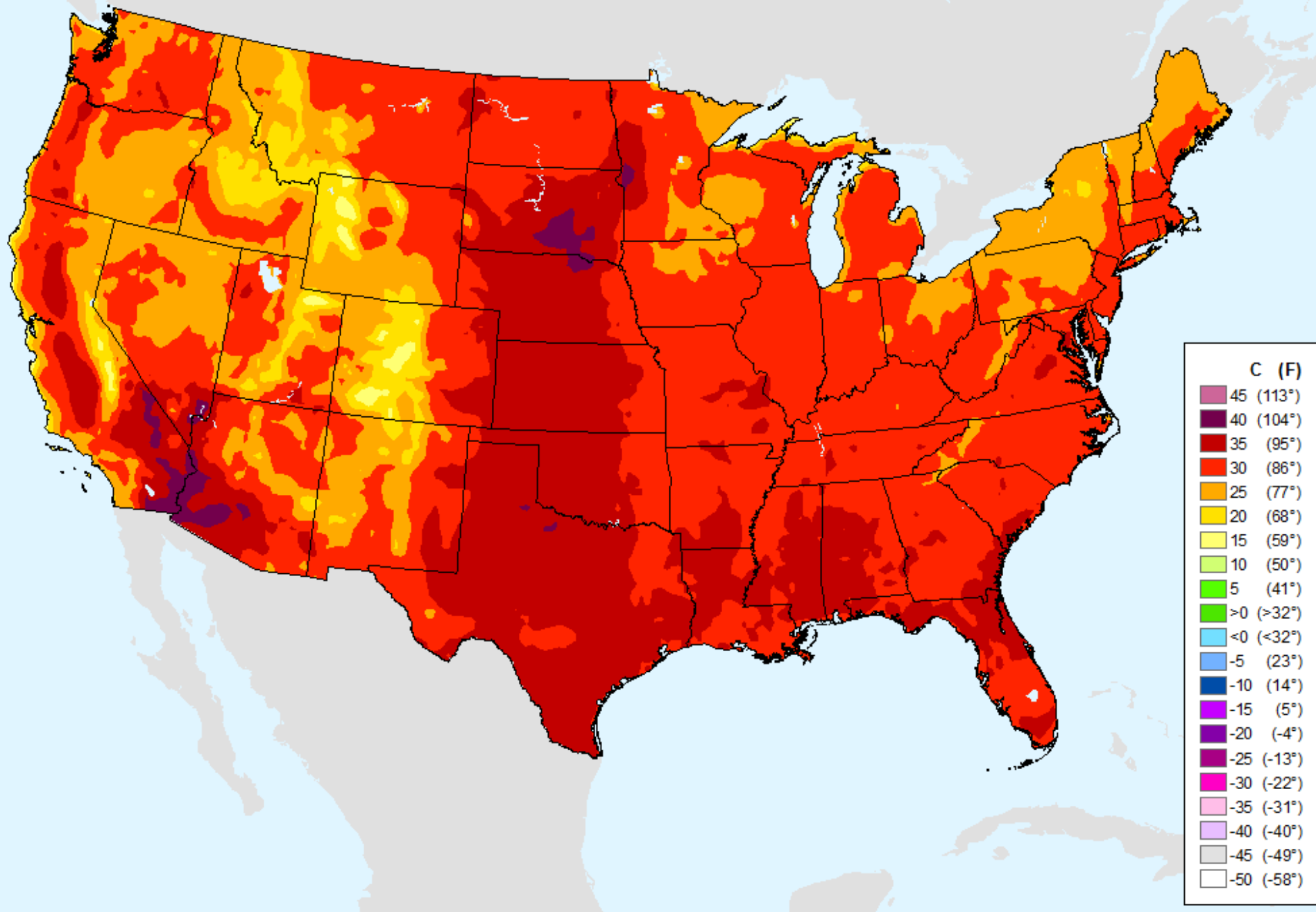
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

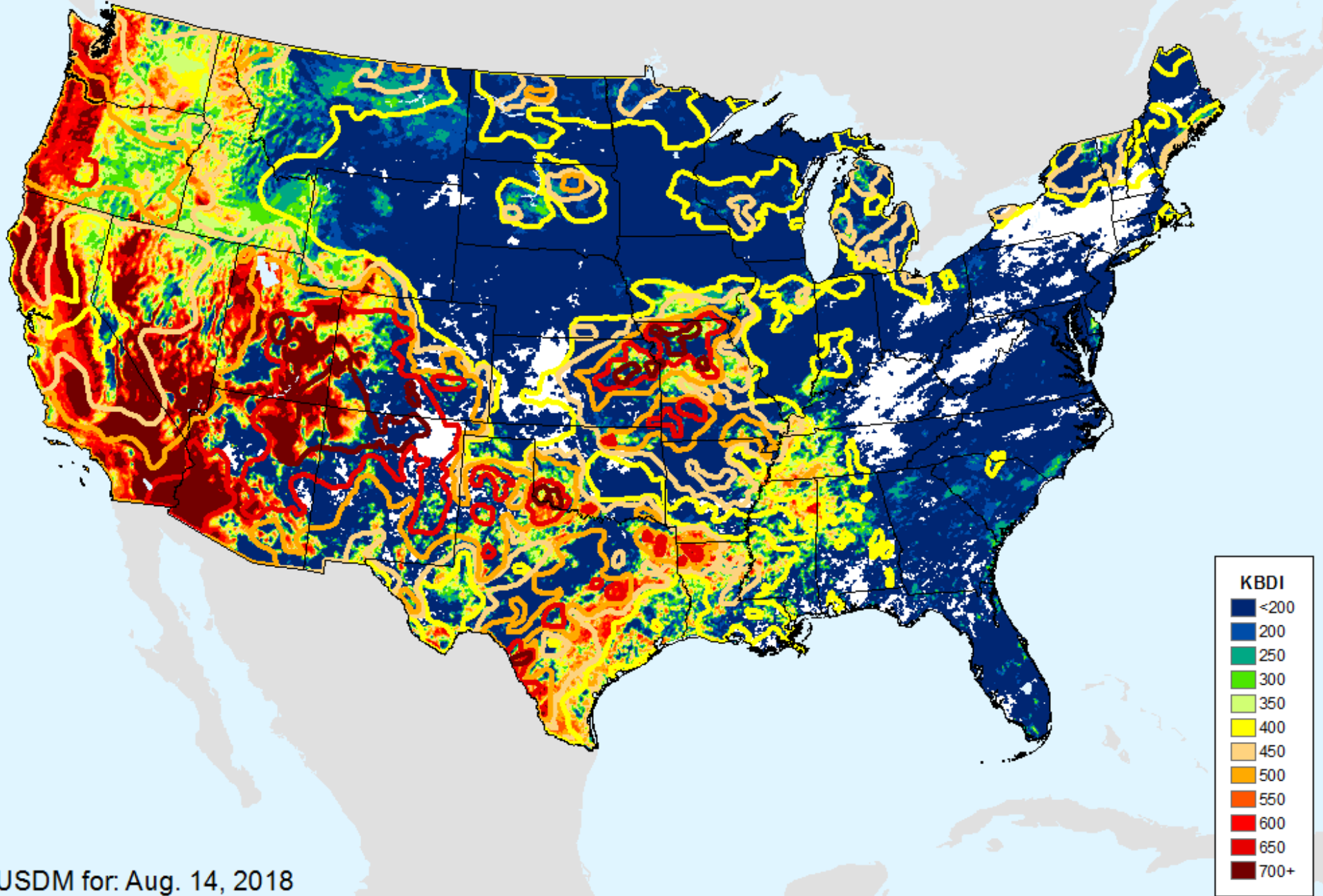
GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, August 21, 2018



Keetch-Byram Drought Index (KBDI)

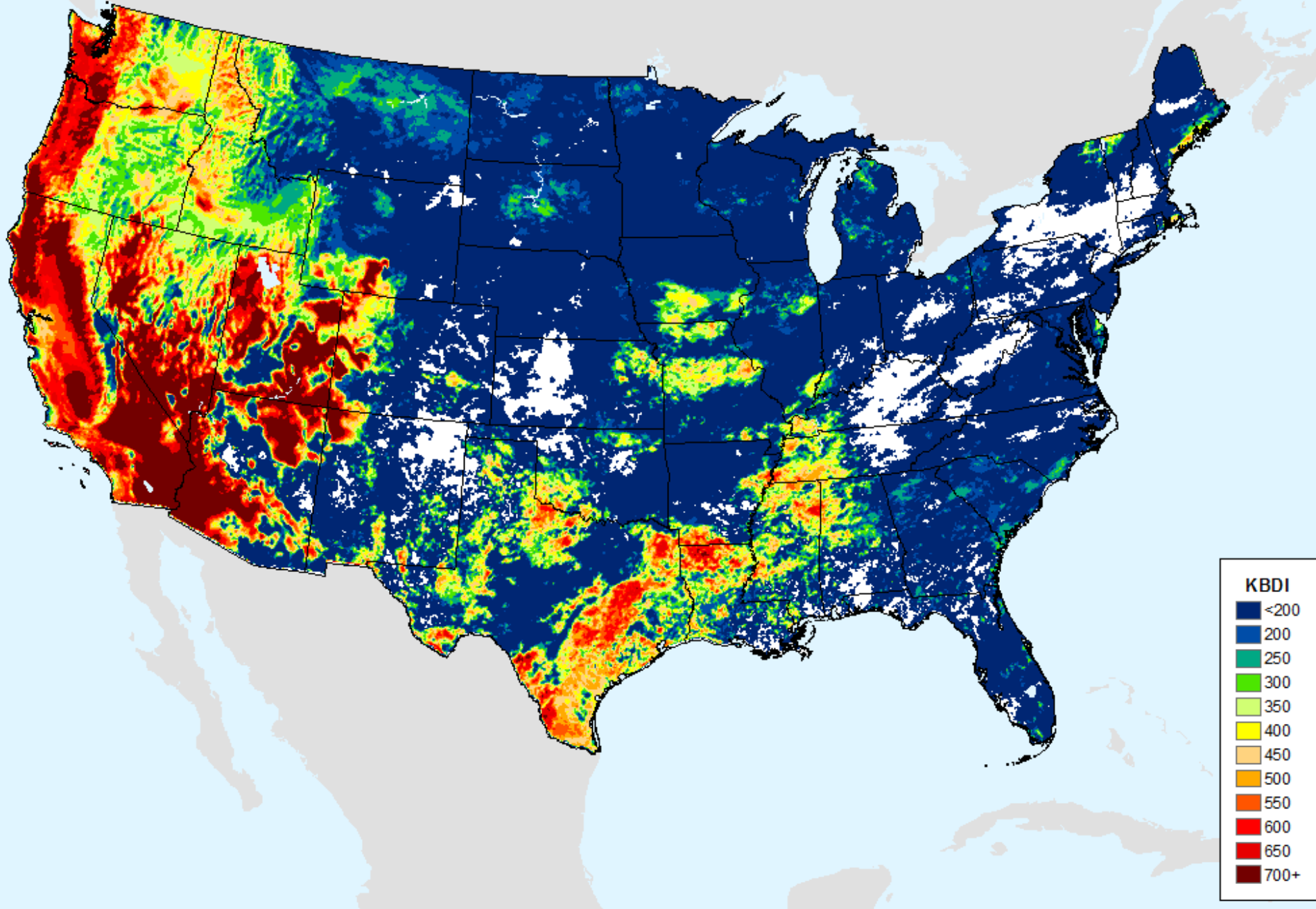
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

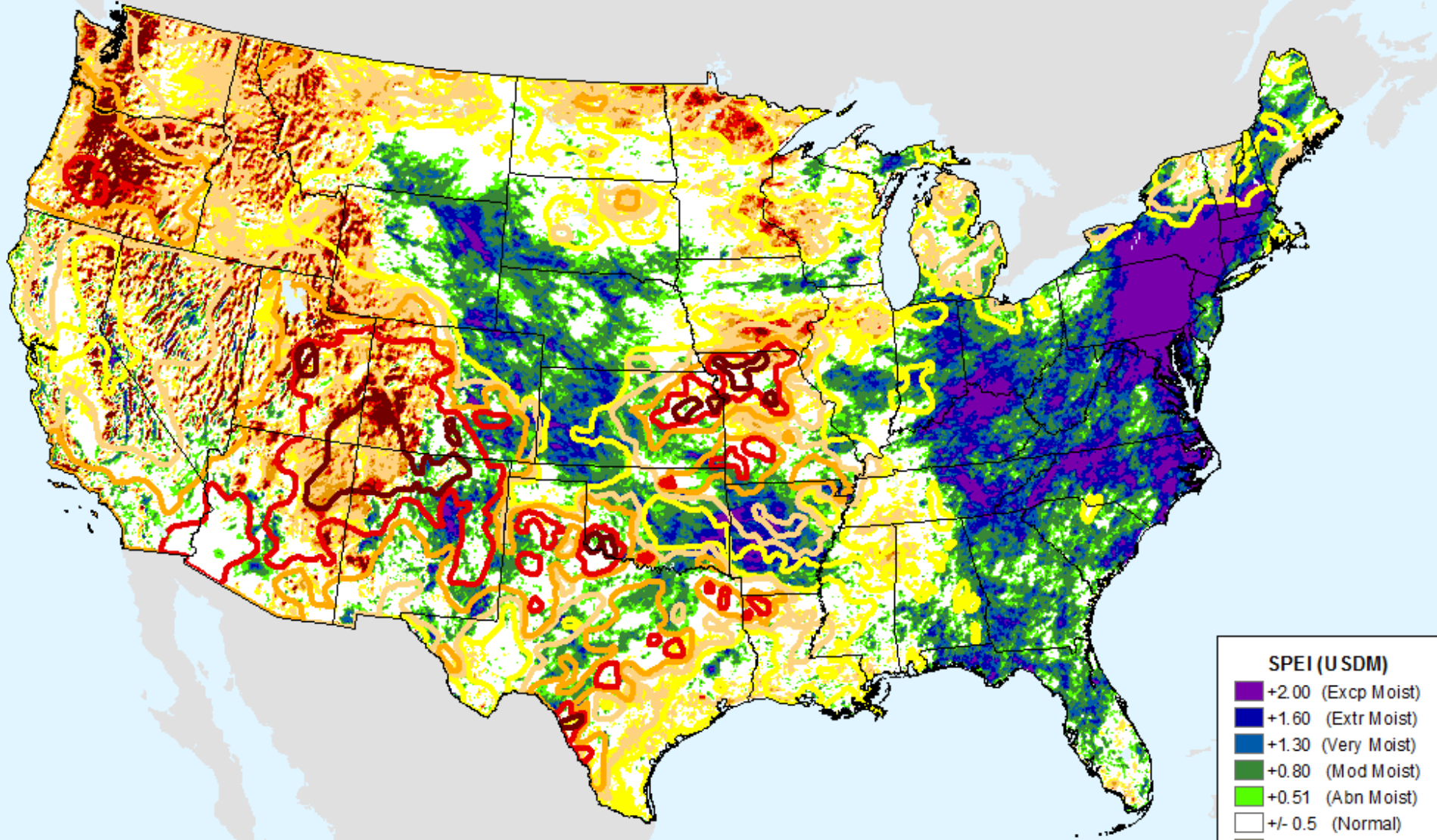
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, August 21, 2018



AHPS 1-month SPEI

As of: Tuesday, August 21, 2018

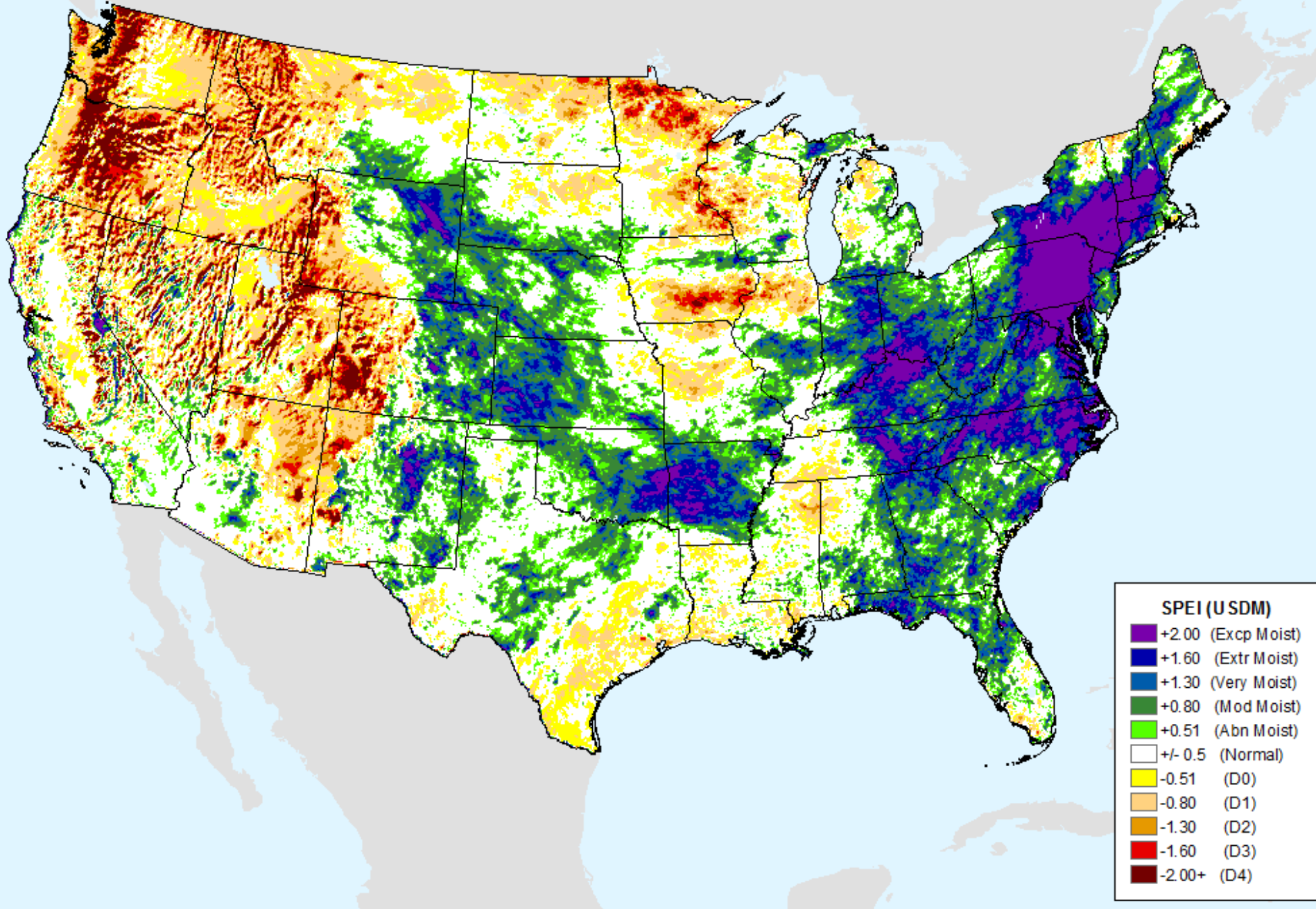


SPEI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 14, 2018

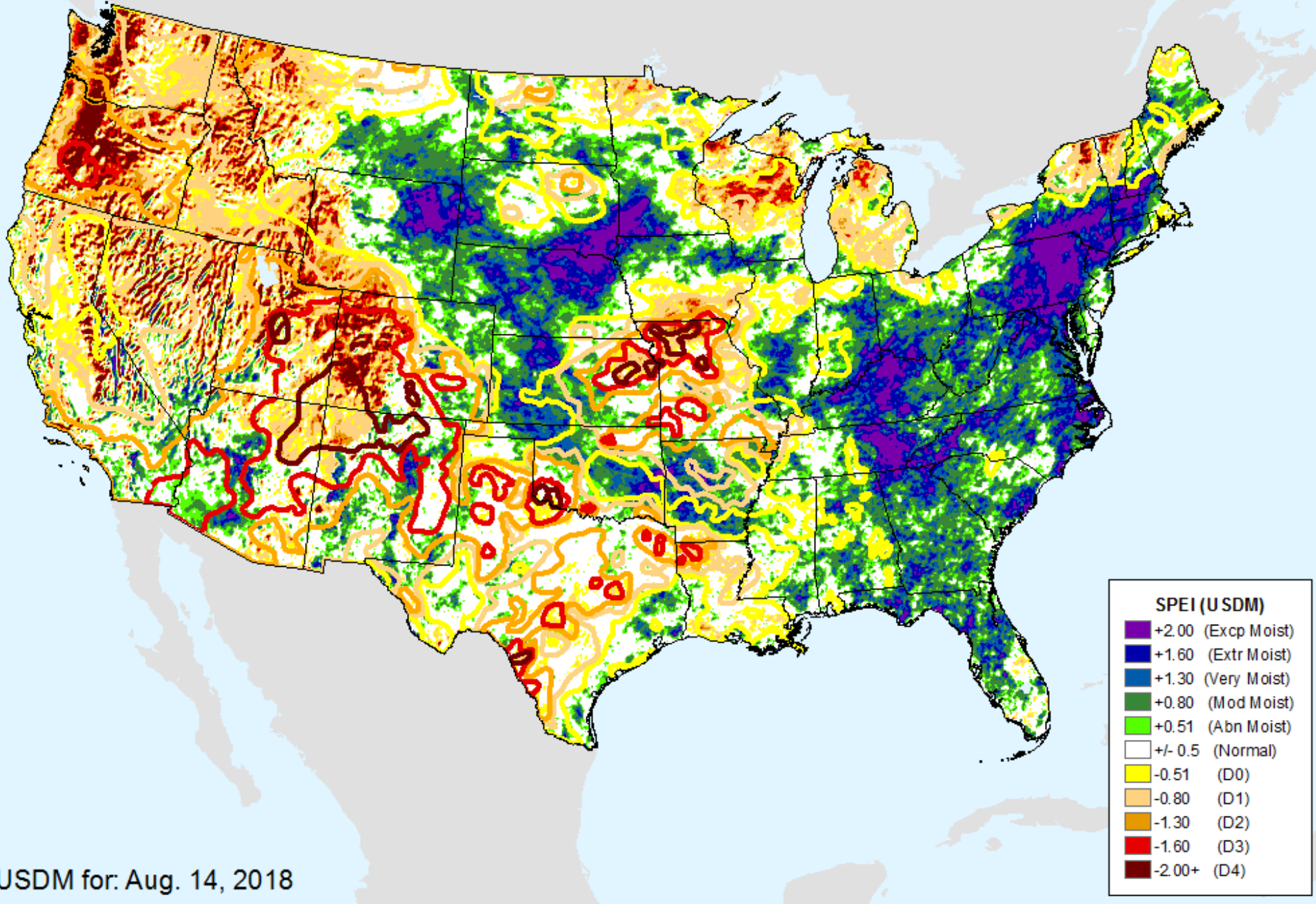
AHPS 1-month SPEI

As of: Tuesday, August 21, 2018



AHPS 2-month SPEI

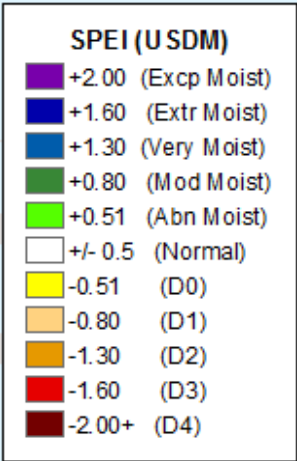
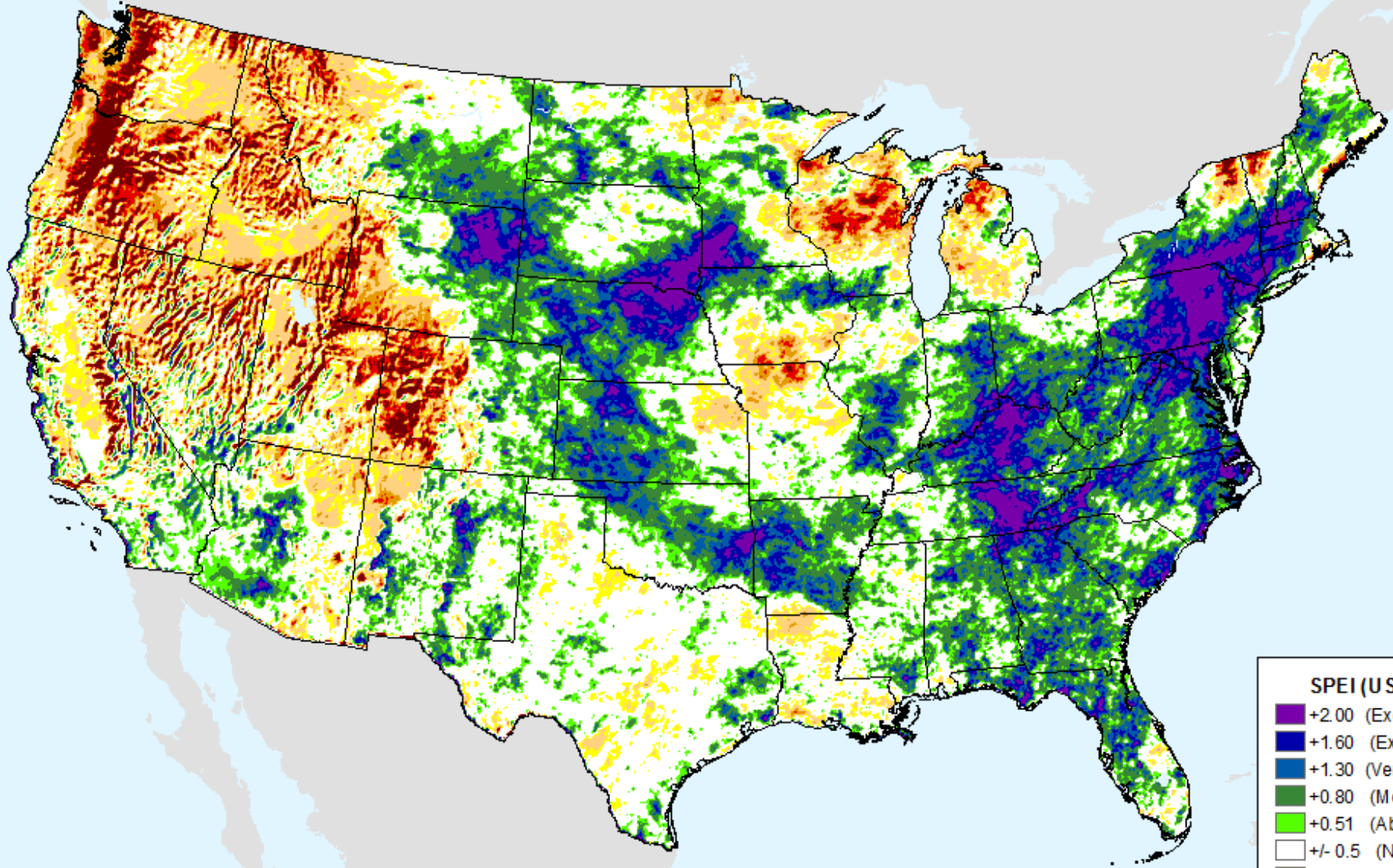
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

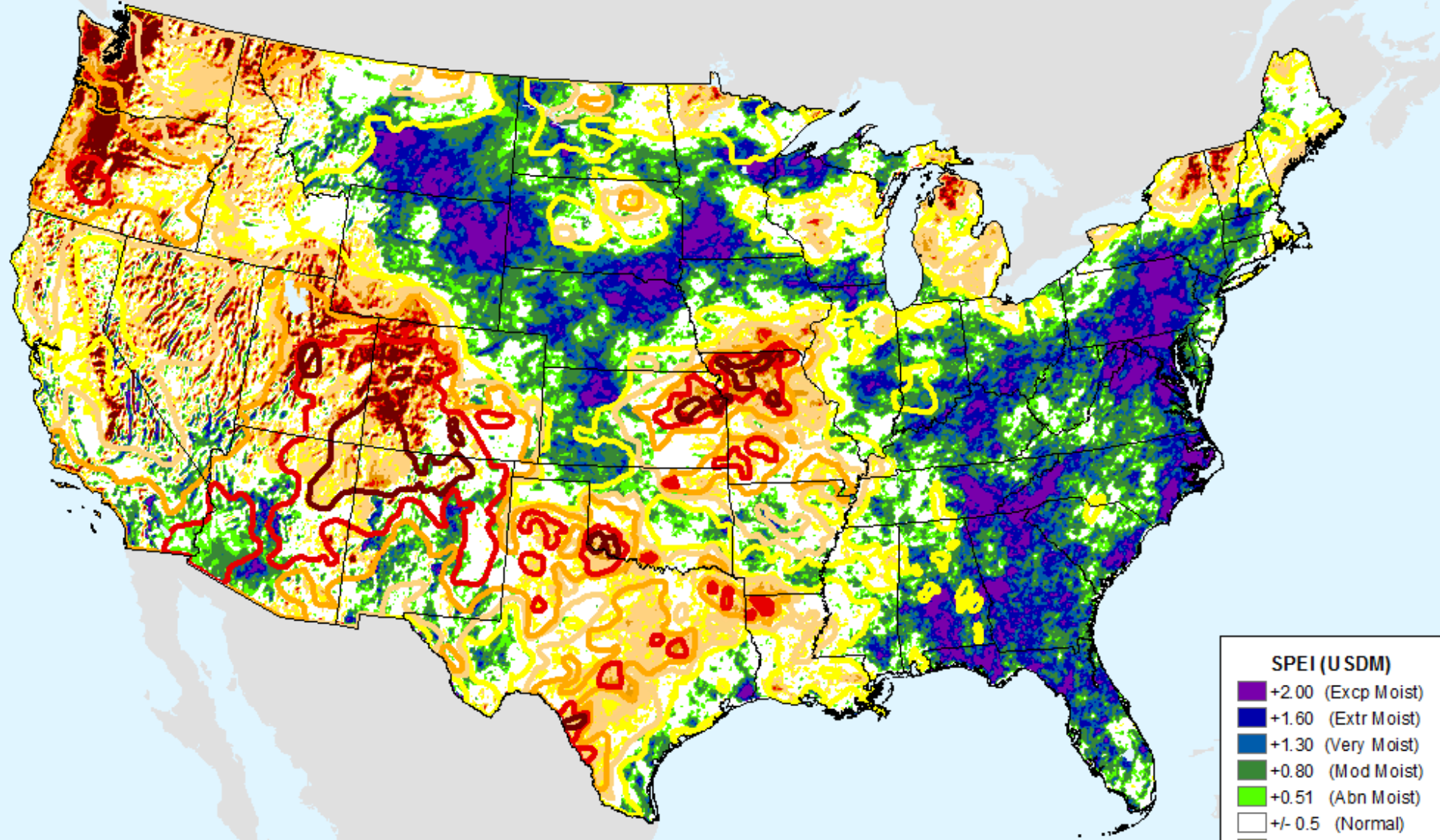
AHPS 2-month SPEI

As of: Tuesday, August 21, 2018



AHPS 3-month SPEI

As of: Tuesday, August 21, 2018

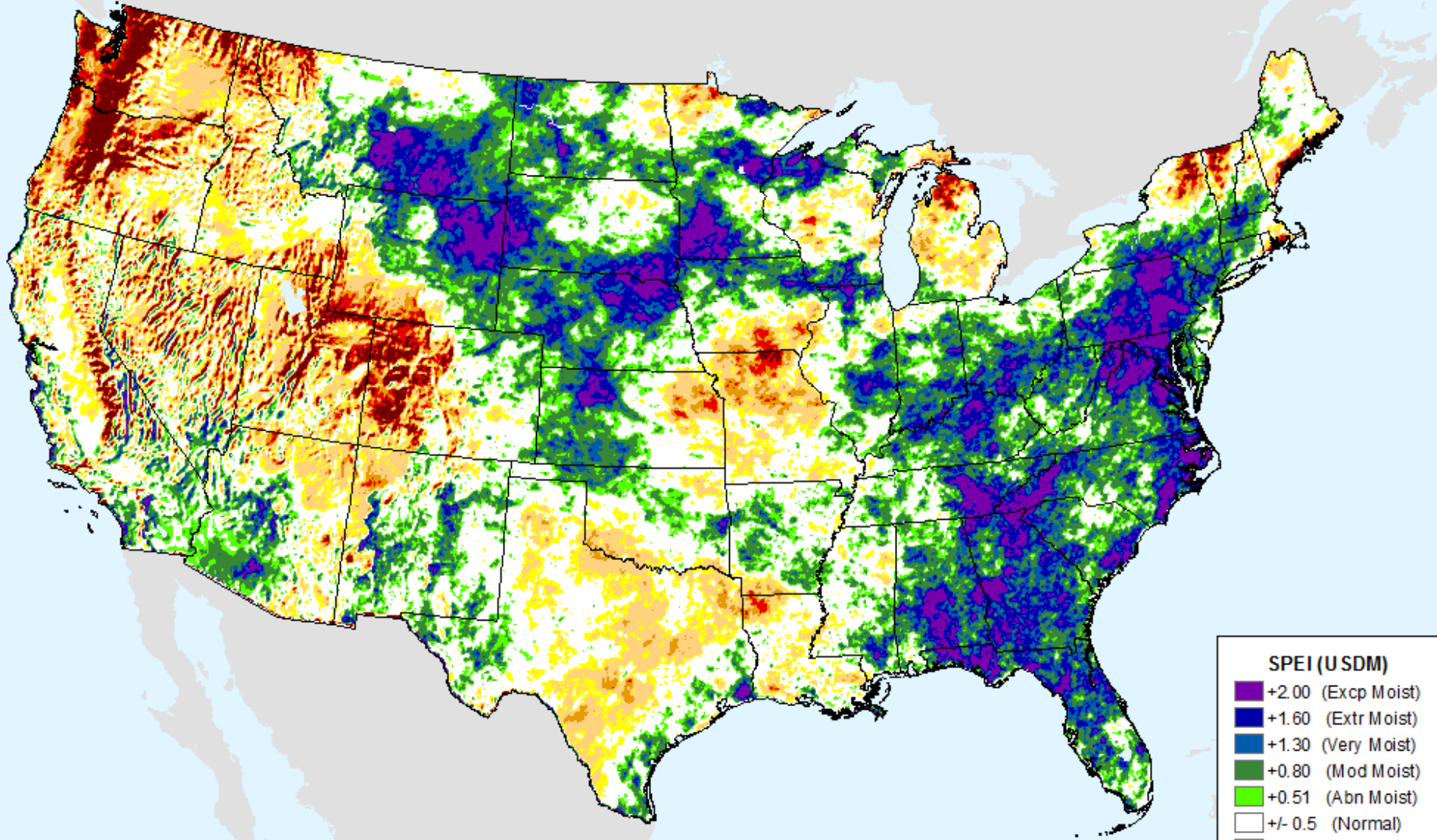


SPEI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 14, 2018

AHPS 3-month SPEI

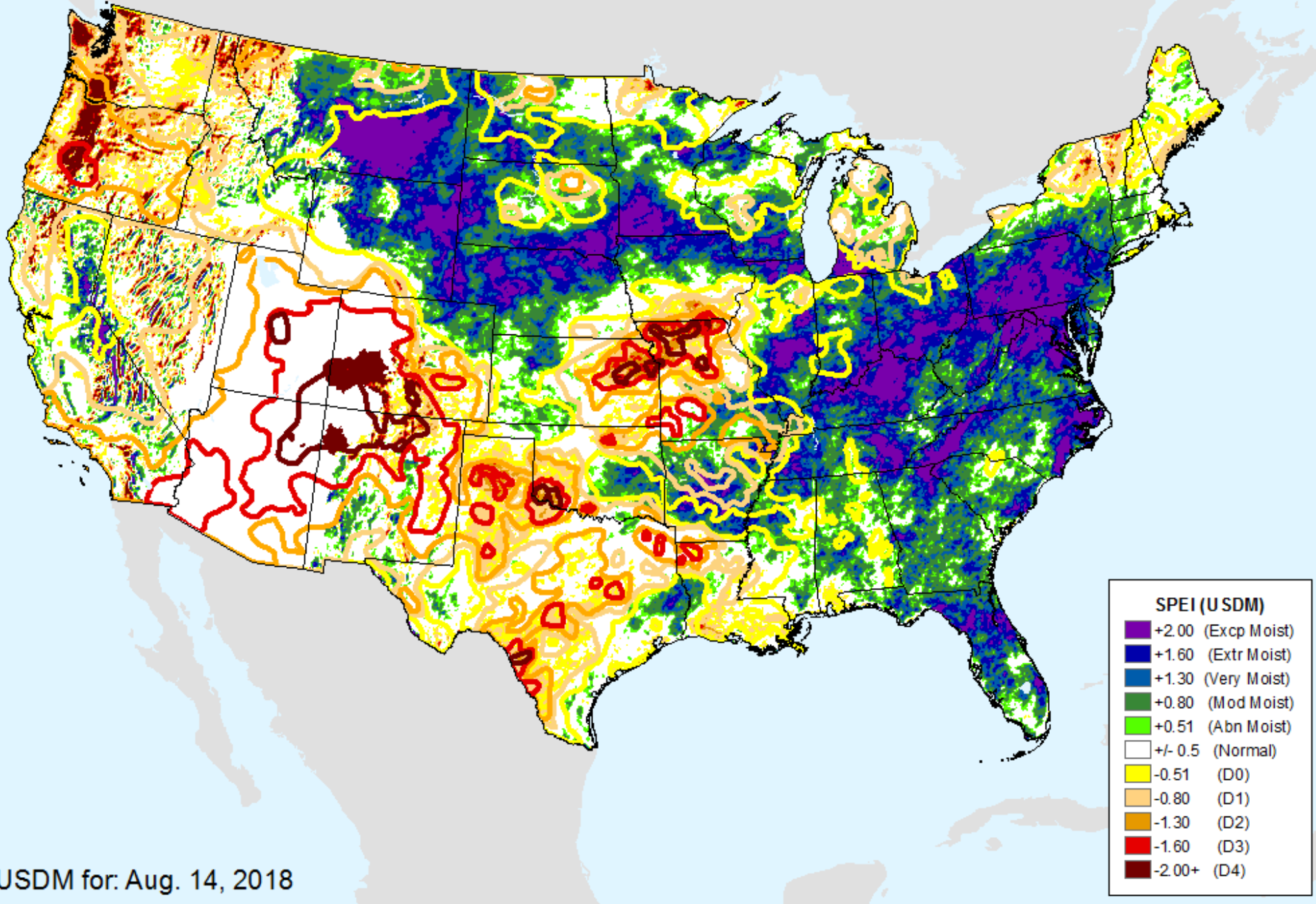
As of: Tuesday, August 21, 2018



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)

AHPS 6-month SPEI

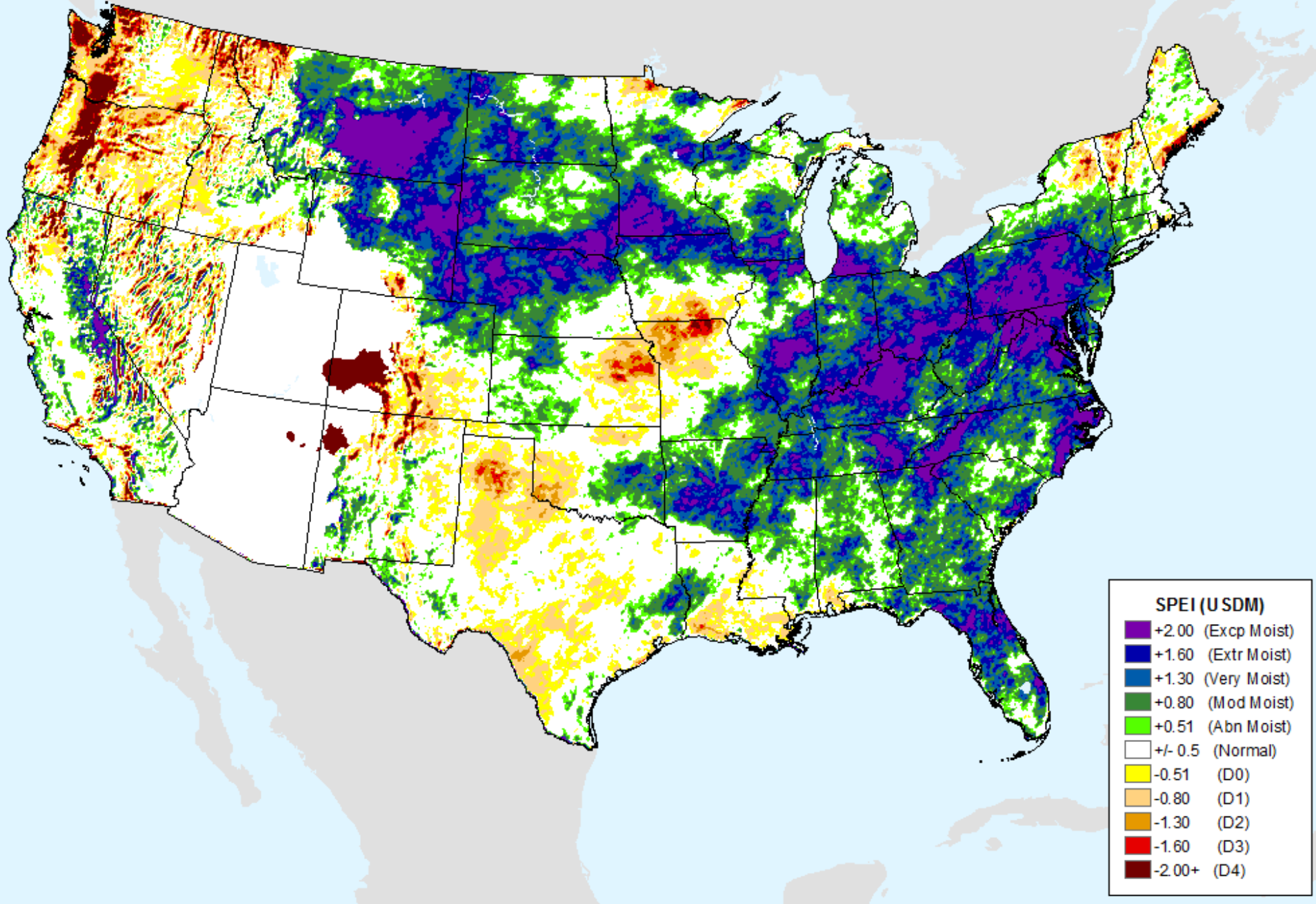
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

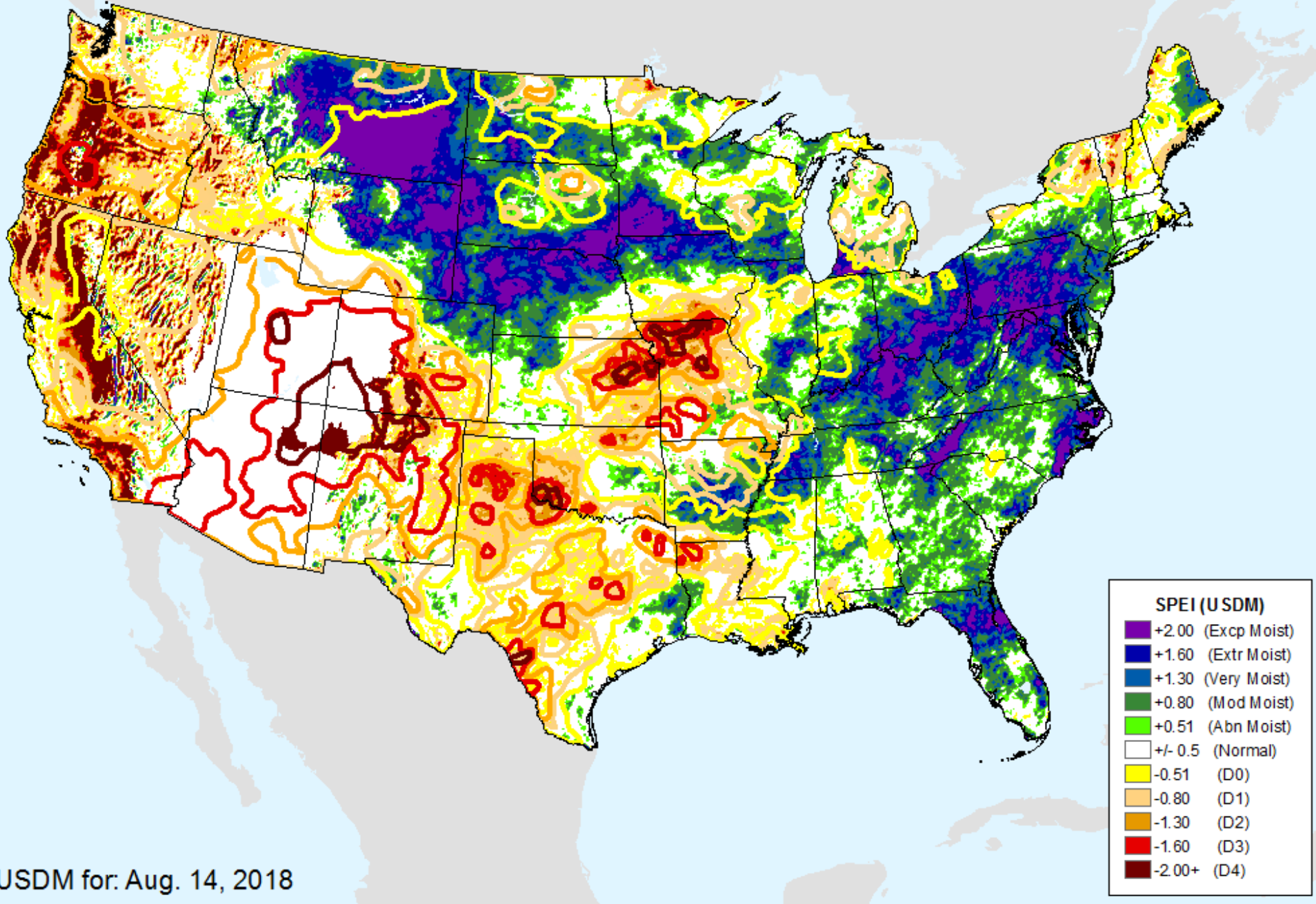
AHPS 6-month SPEI

As of: Tuesday, August 21, 2018



AHPS 9-month SPEI

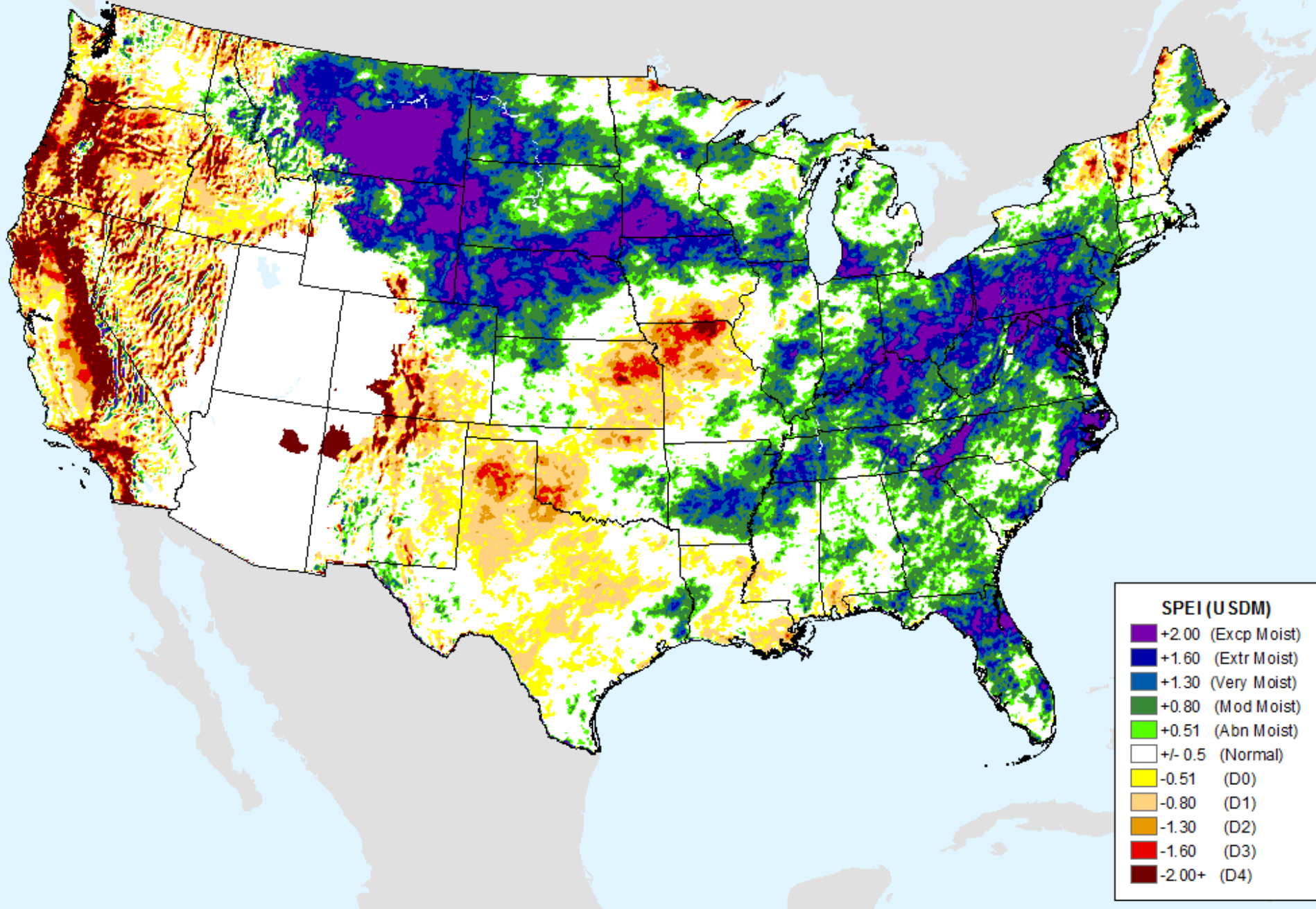
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

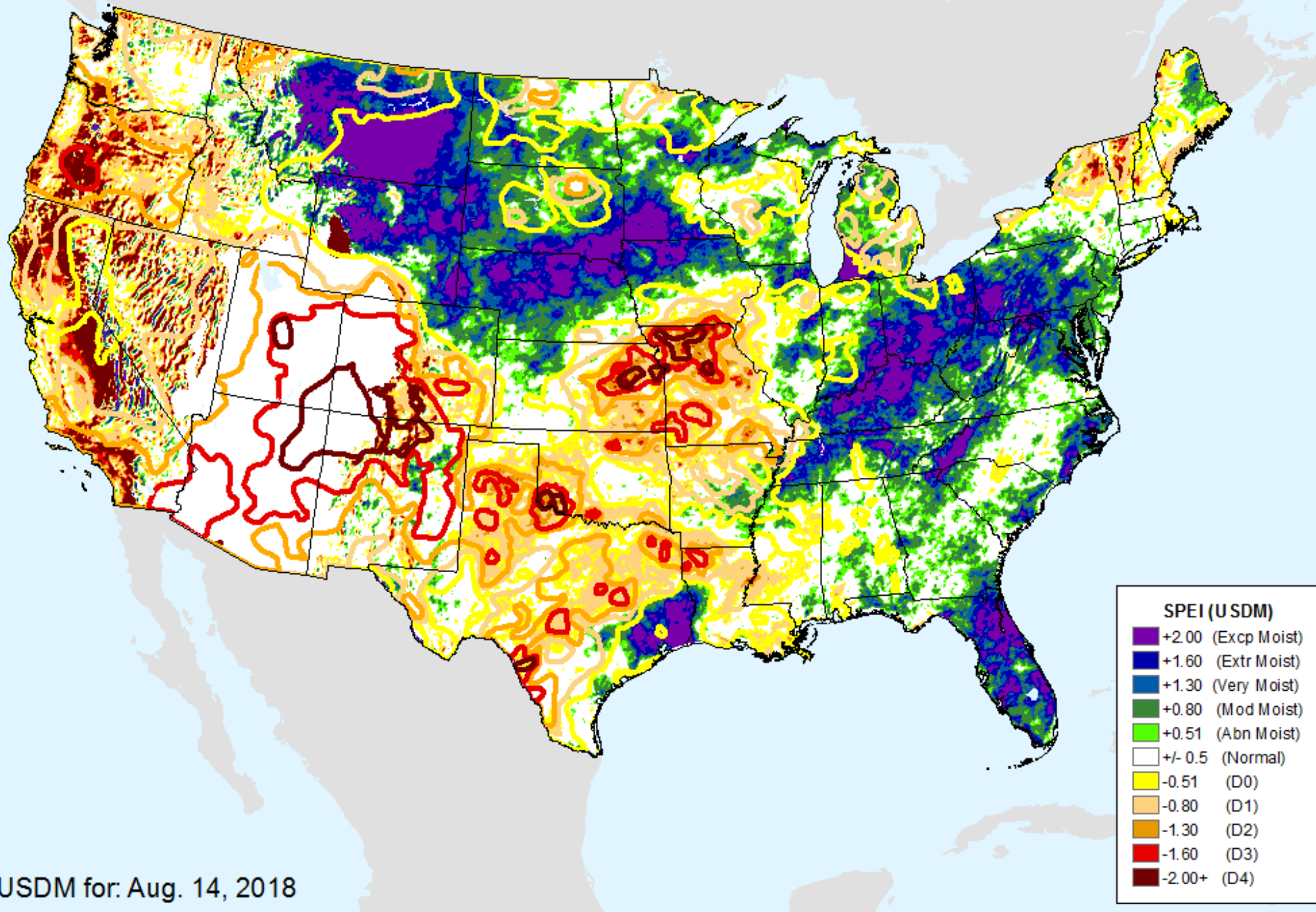
AHPS 9-month SPEI

As of: Tuesday, August 21, 2018



AHPS 12-month SPEI

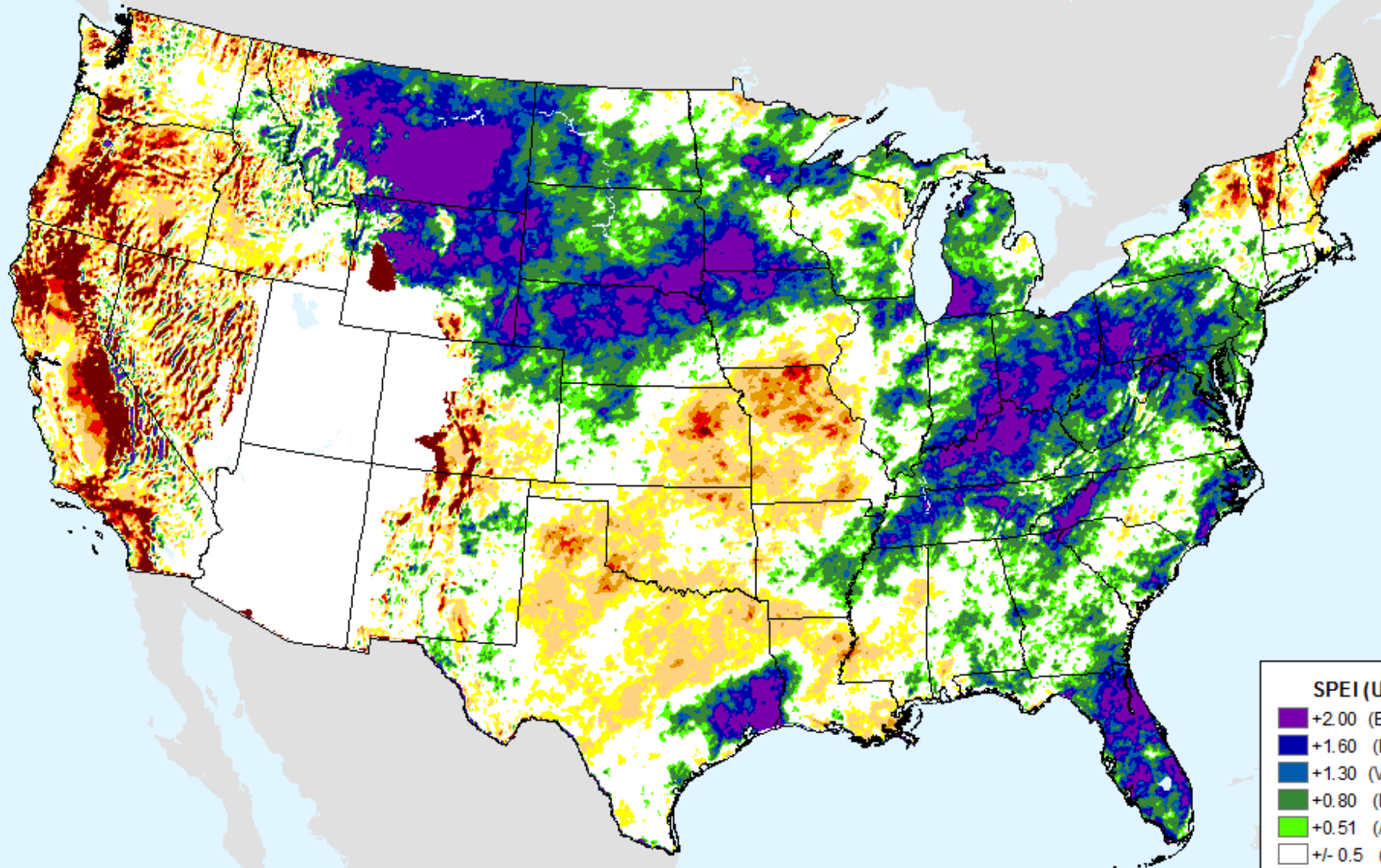
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

AHPS 12-month SPEI

As of: Tuesday, August 21, 2018

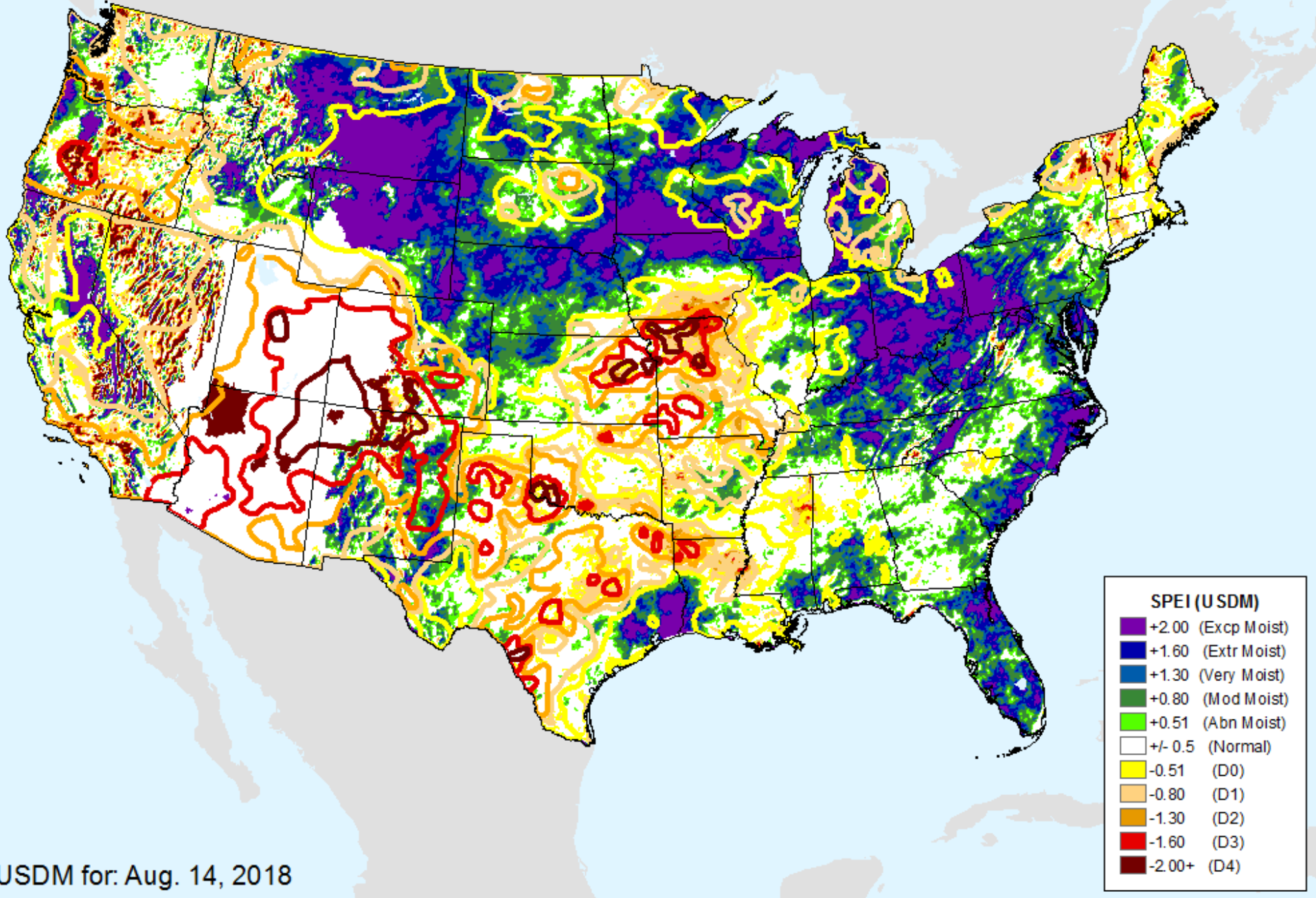


SPEI (USDM)

- +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)

AHPS 24-month SPEI

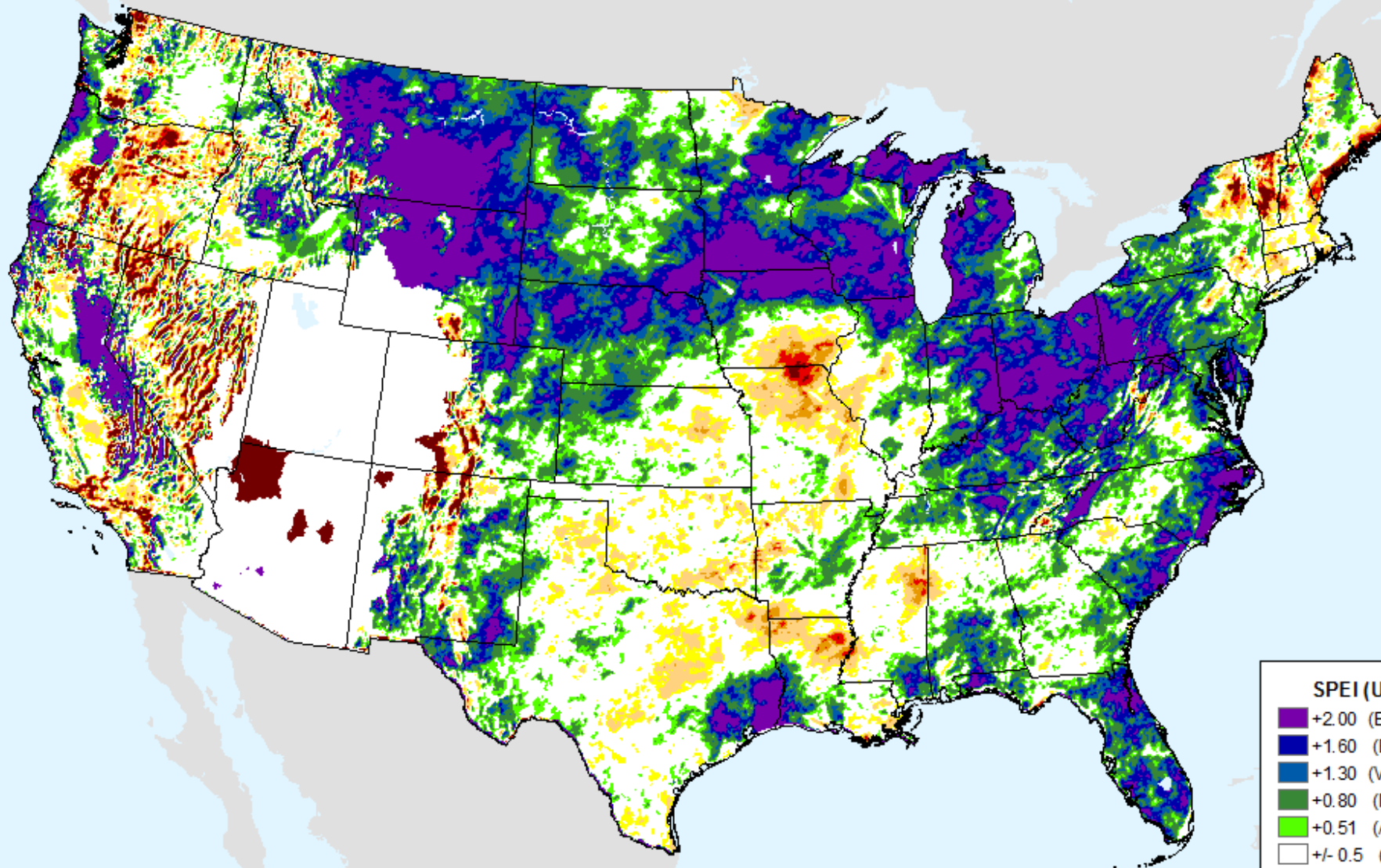
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

AHPS 24-month SPEI

As of: Tuesday, August 21, 2018

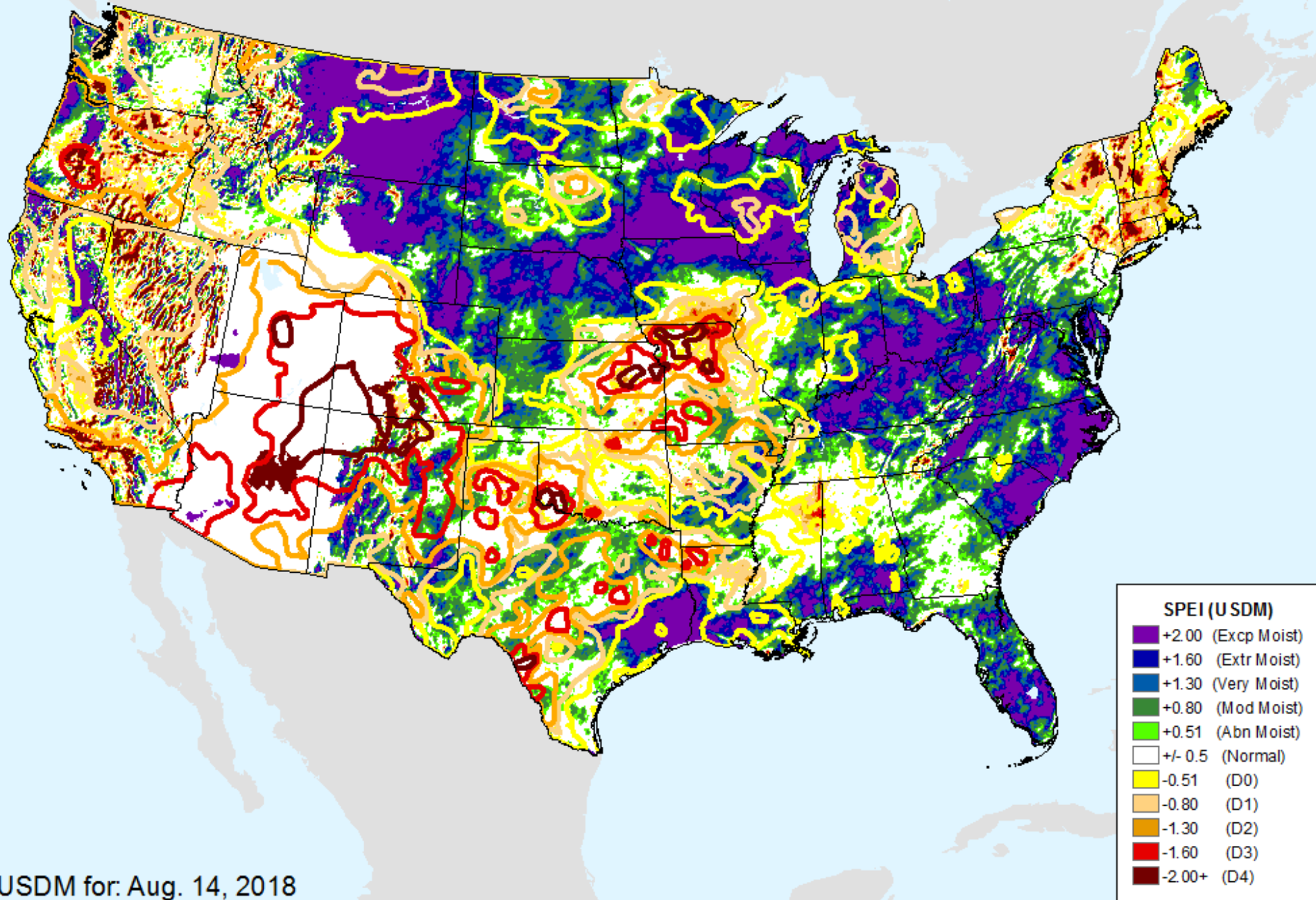


SPEI (USDM)

- +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)

AHPS 36-month SPEI

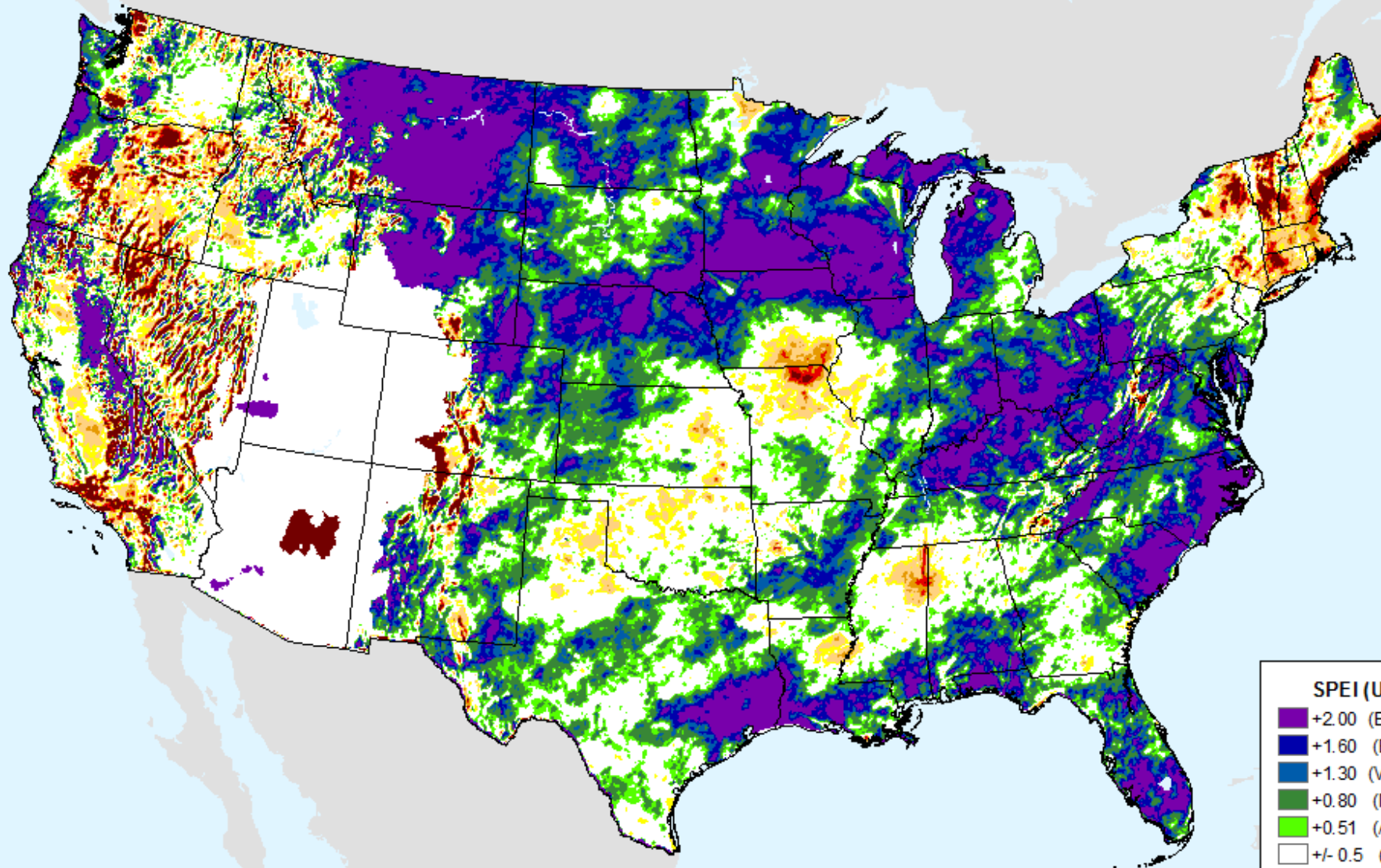
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

AHPS 36-month SPEI

As of: Tuesday, August 21, 2018

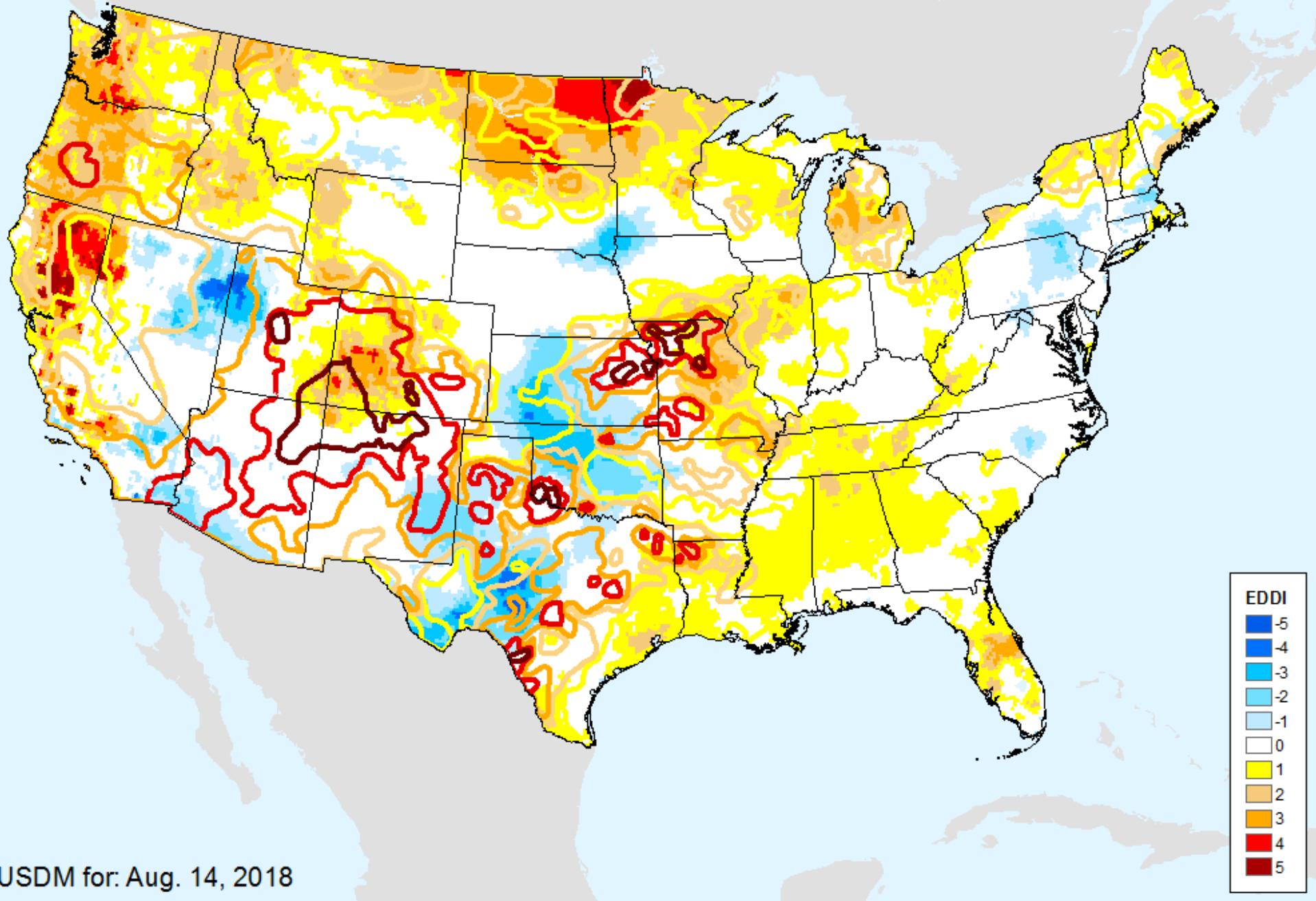


SPEI (USDM)

- +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)

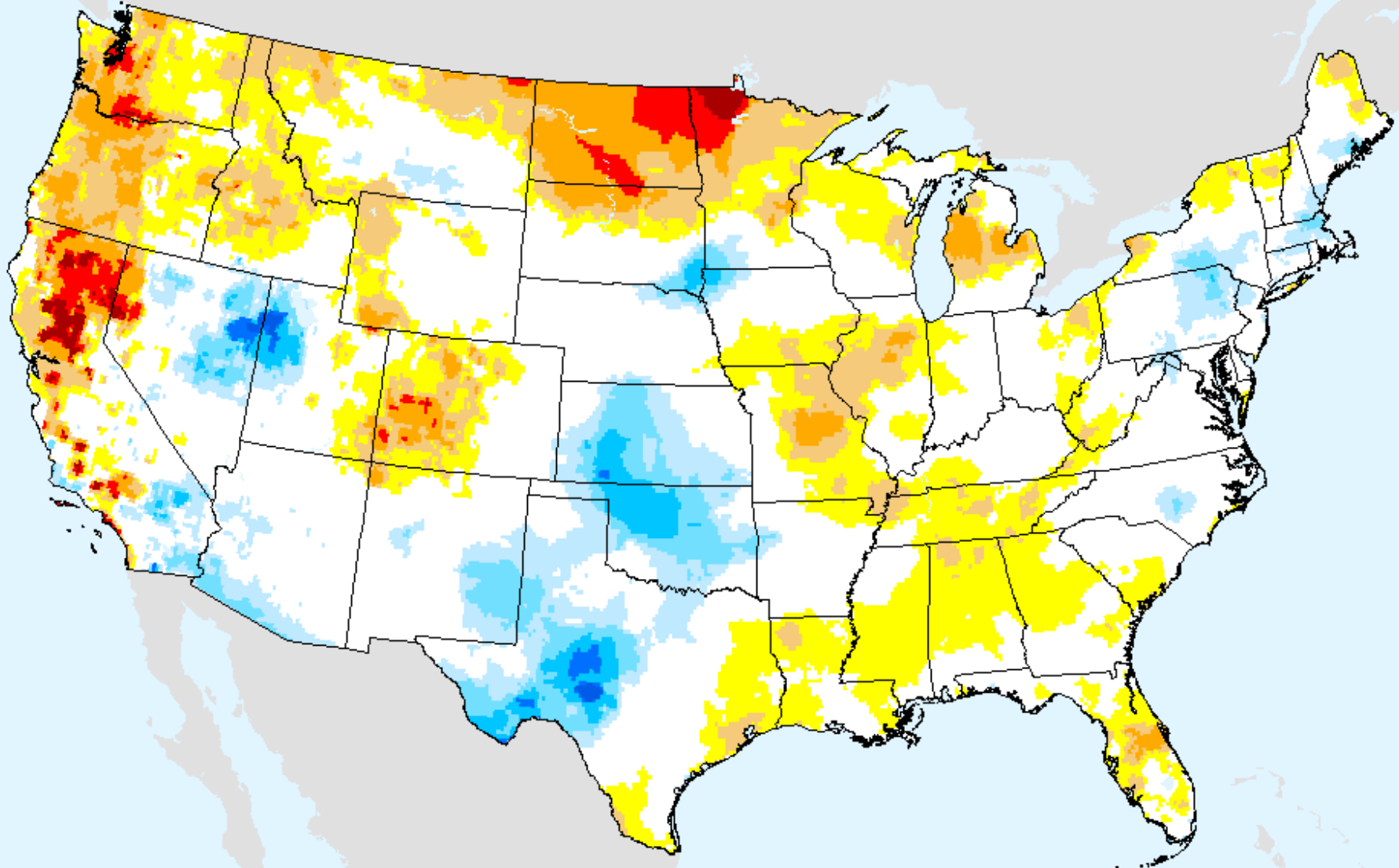
EDDI 1-week

As of: Tuesday, August 21, 2018



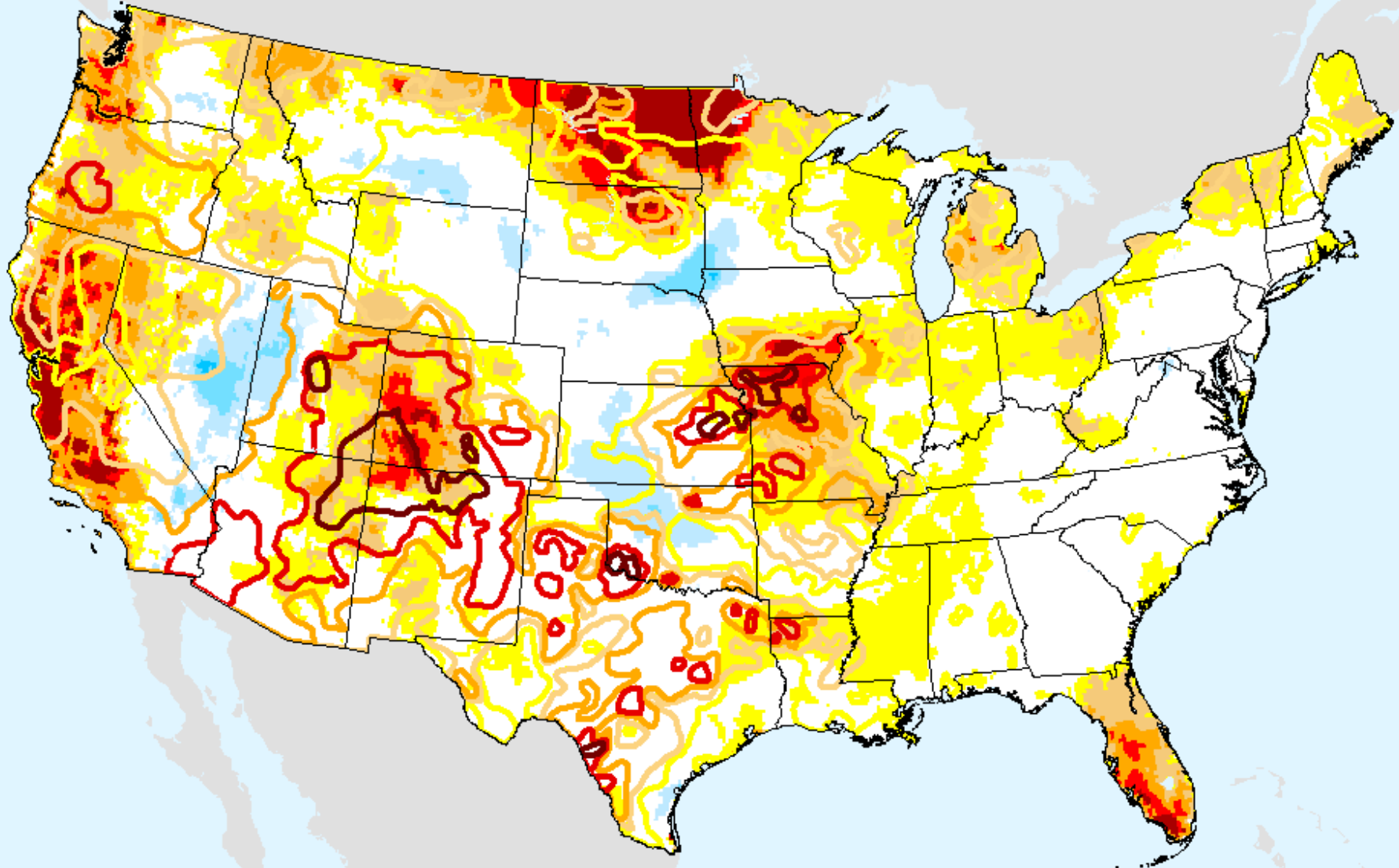
EDDI 1-week

As of: Tuesday, August 21, 2018



EDDI 2-week

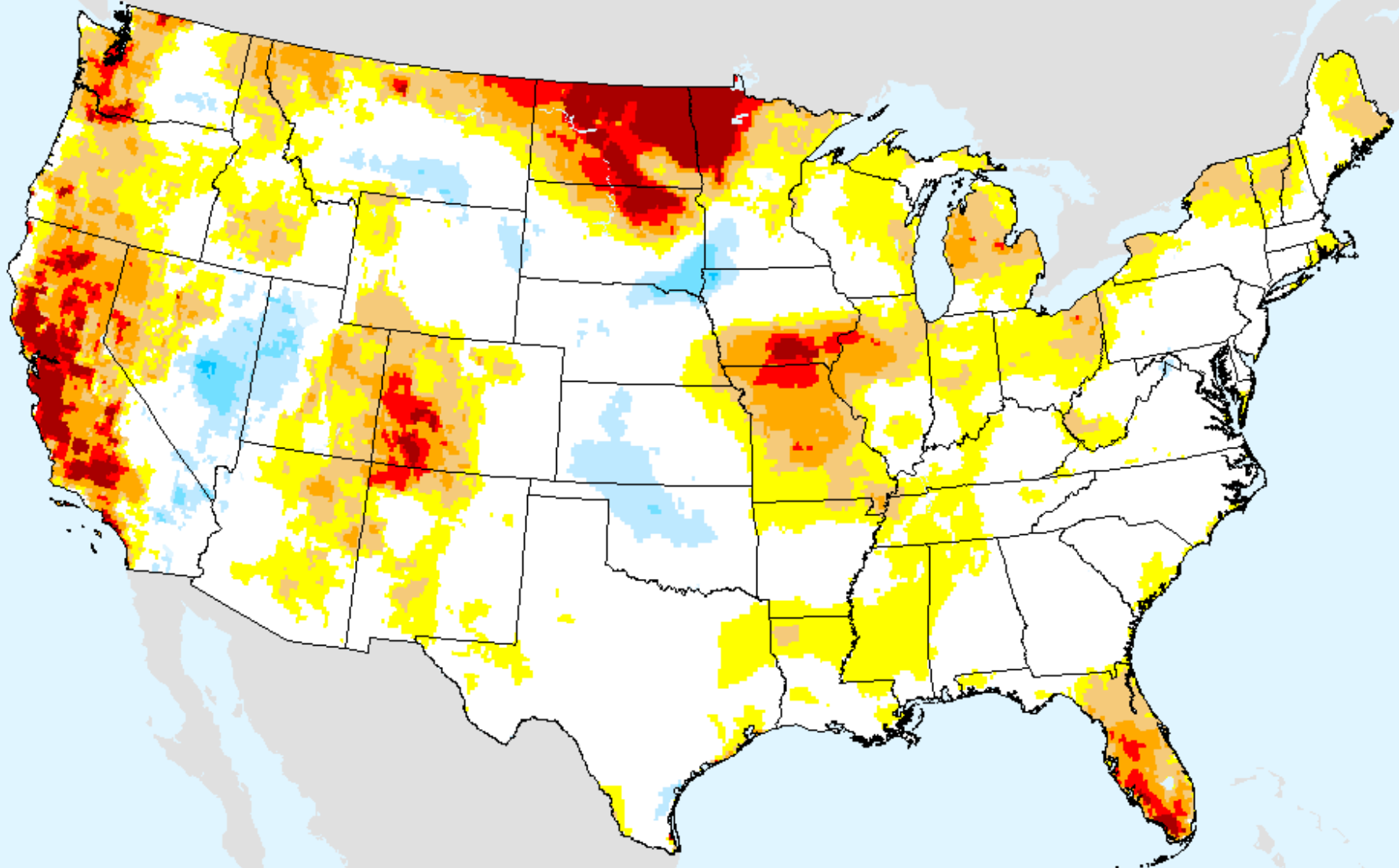
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

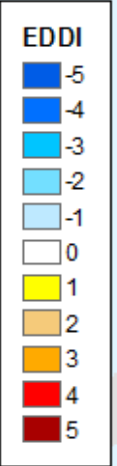
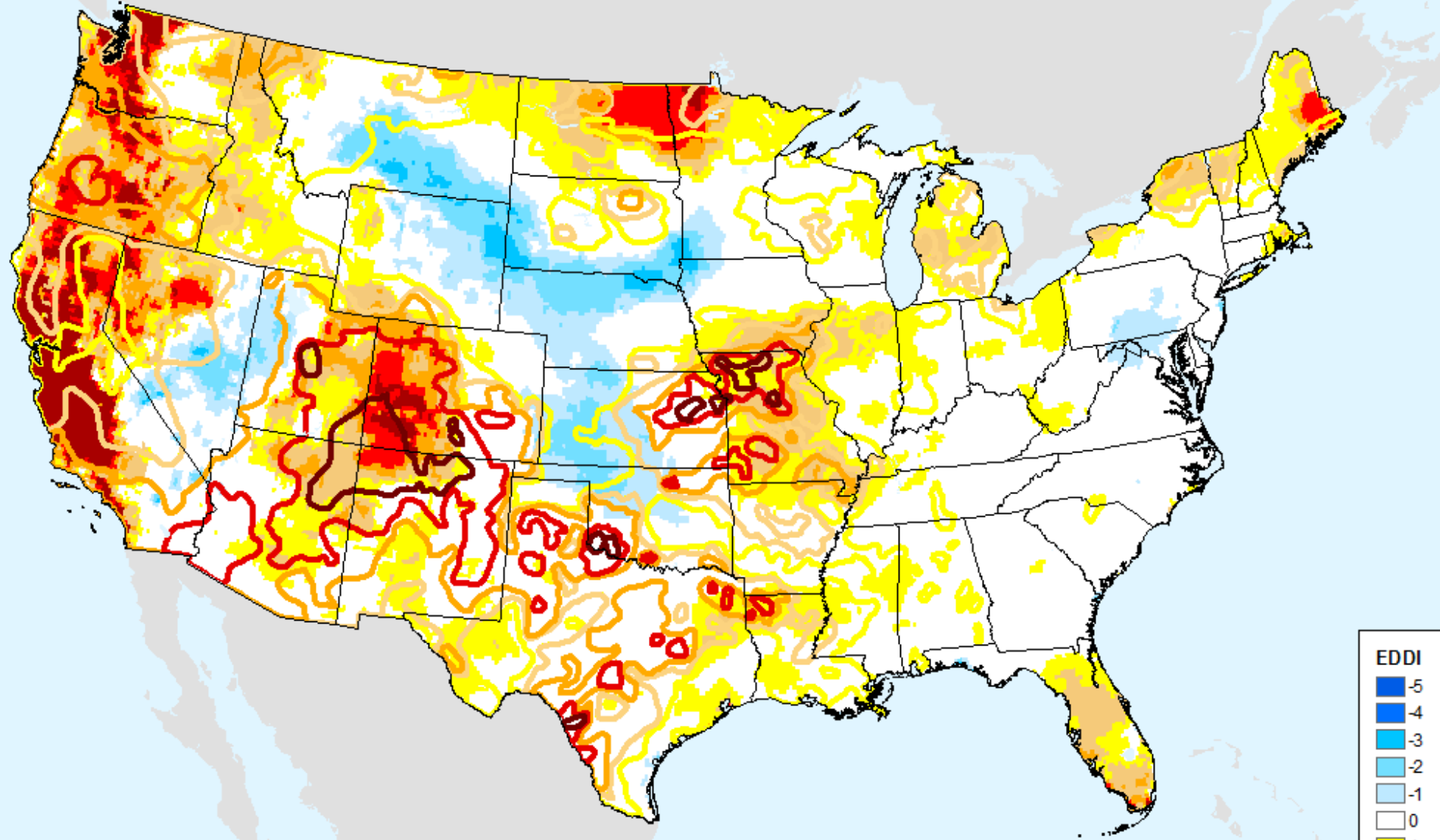
EDDI 2-week

As of: Tuesday, August 21, 2018



EDDI 3-week

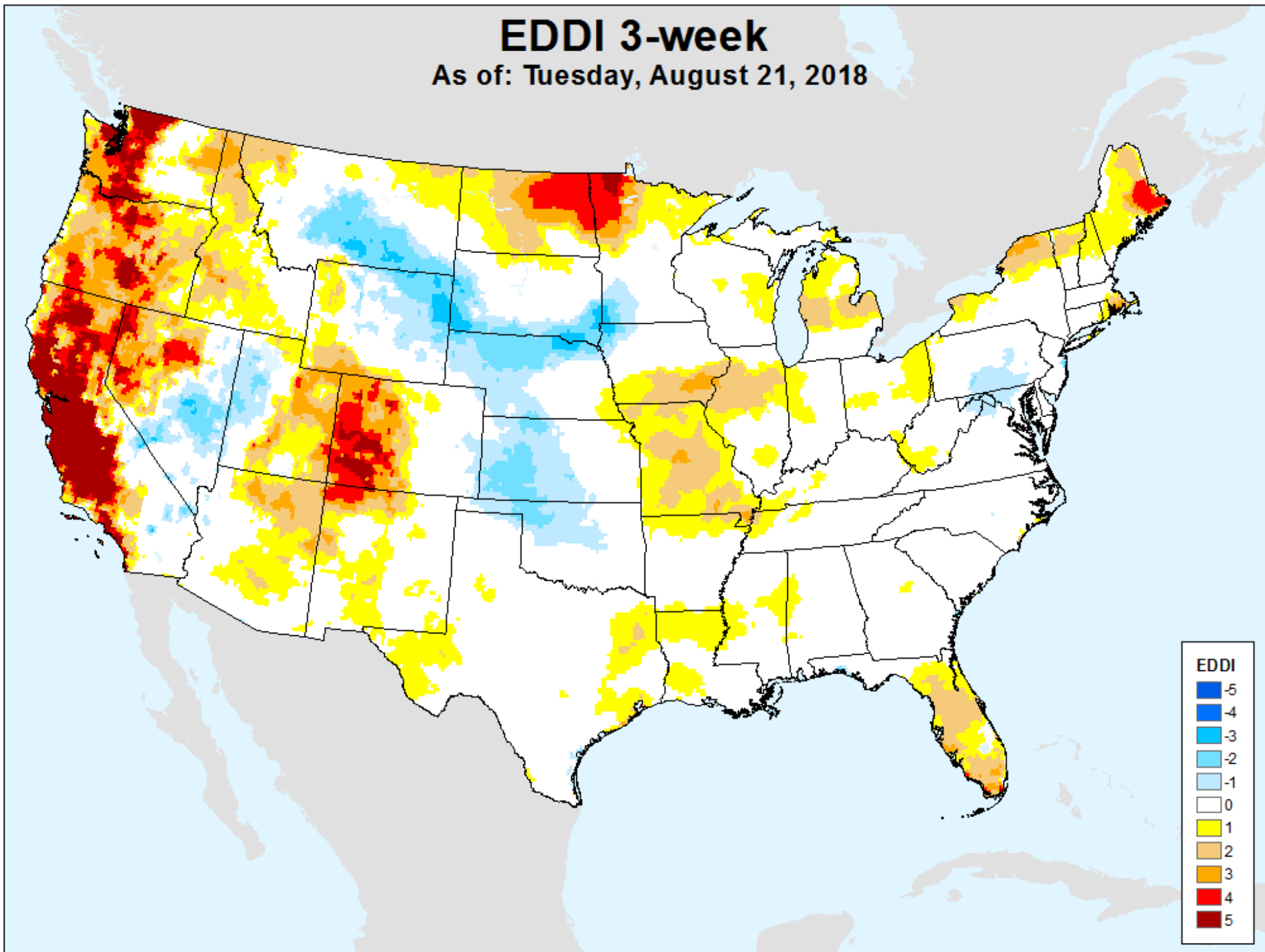
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

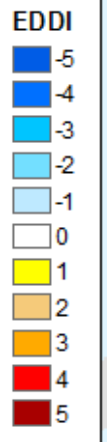
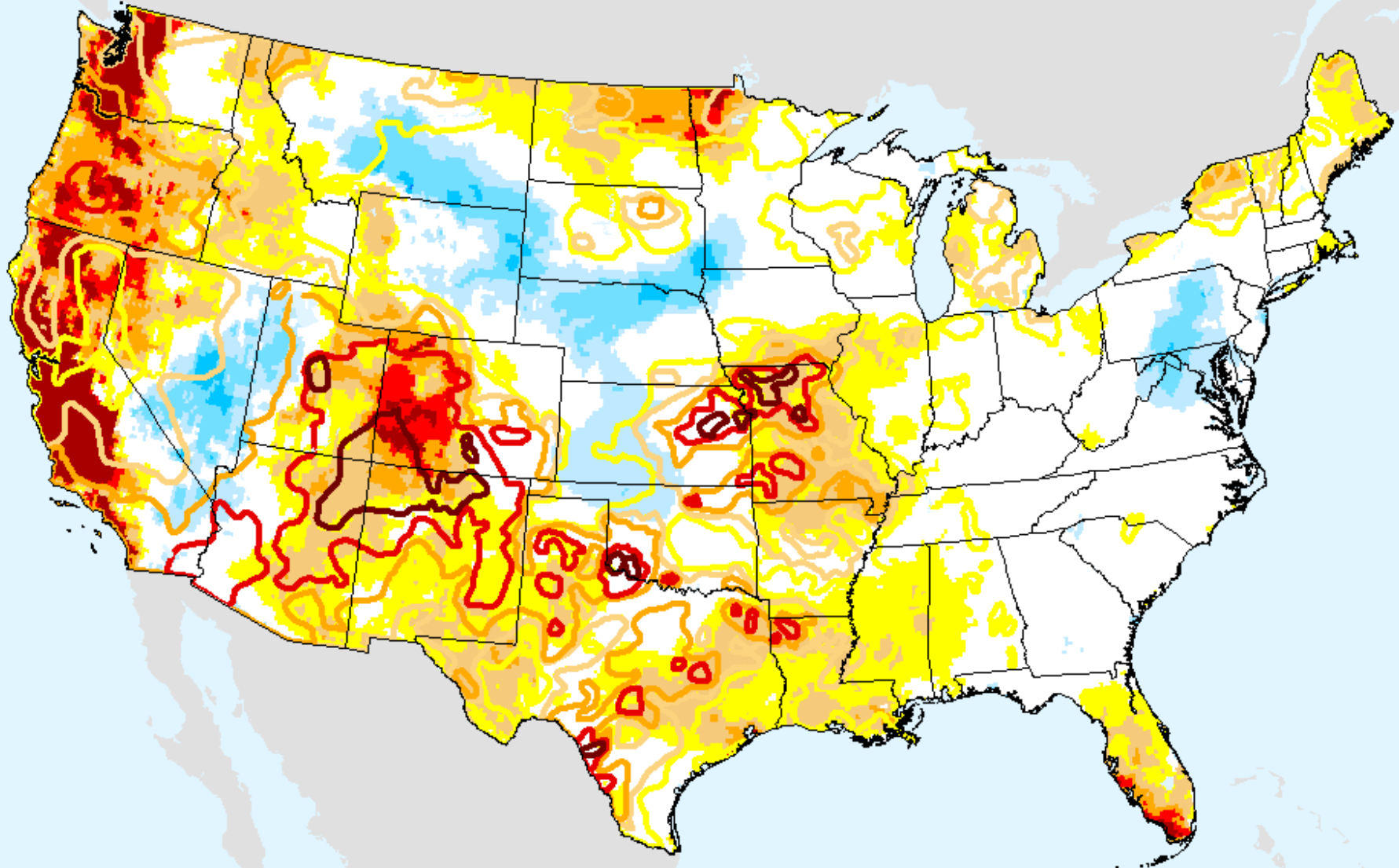
EDDI 3-week

As of: Tuesday, August 21, 2018



EDDI 4-week

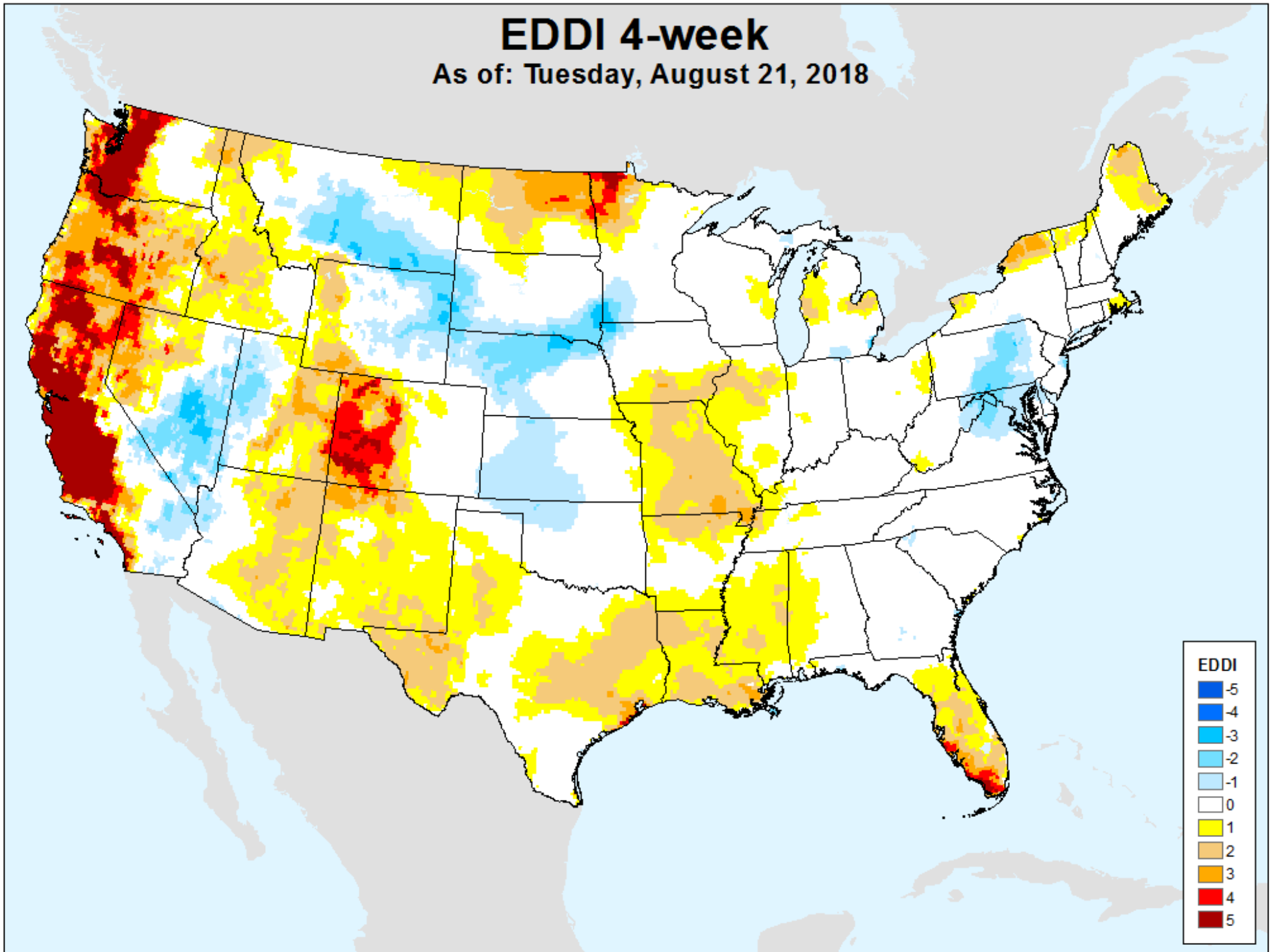
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

EDDI 4-week

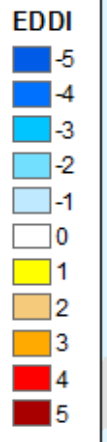
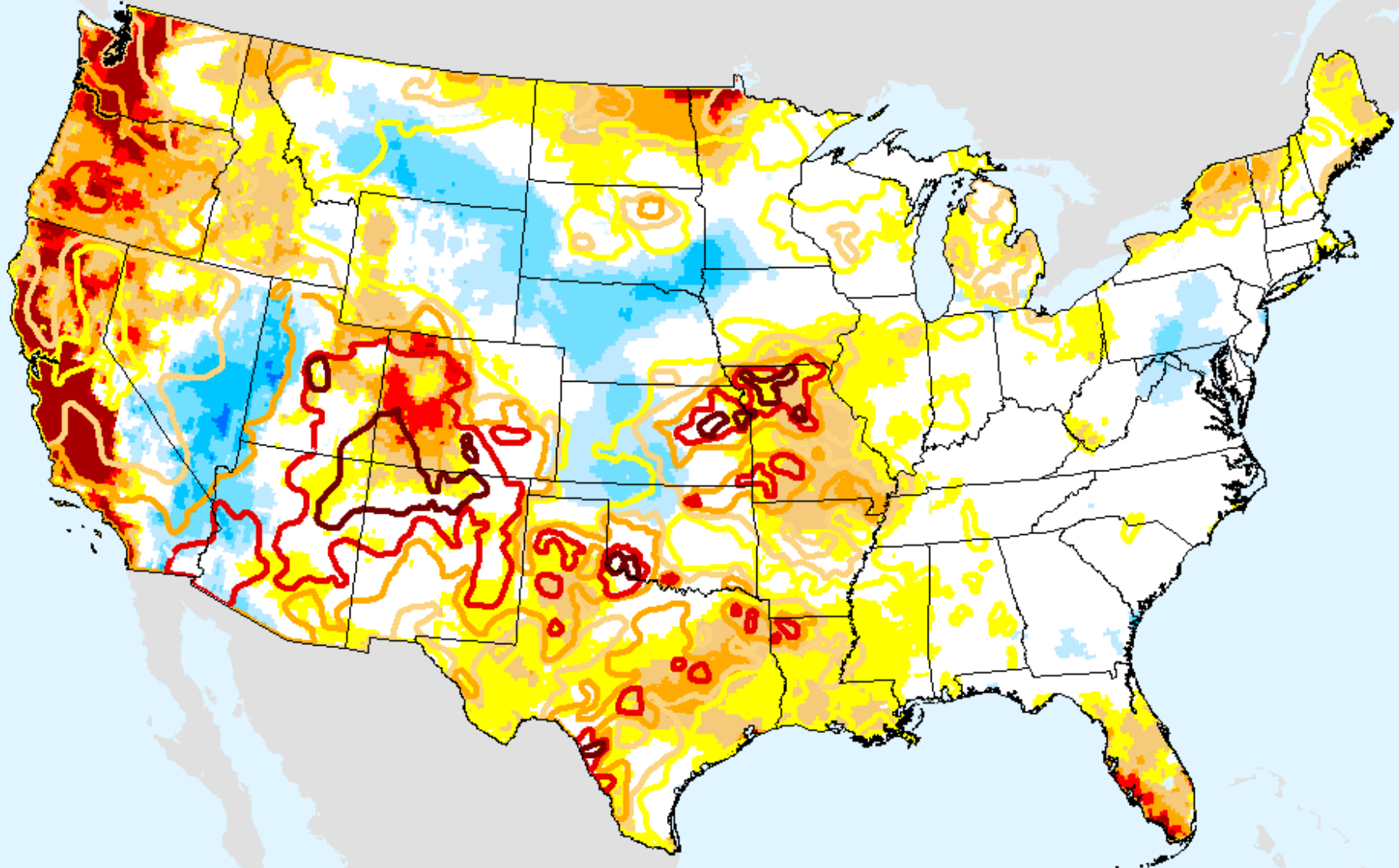
As of: Tuesday, August 21, 2018



EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Light Orange	2
Orange	3
Red	4
Dark Red	5

EDDI 5-week

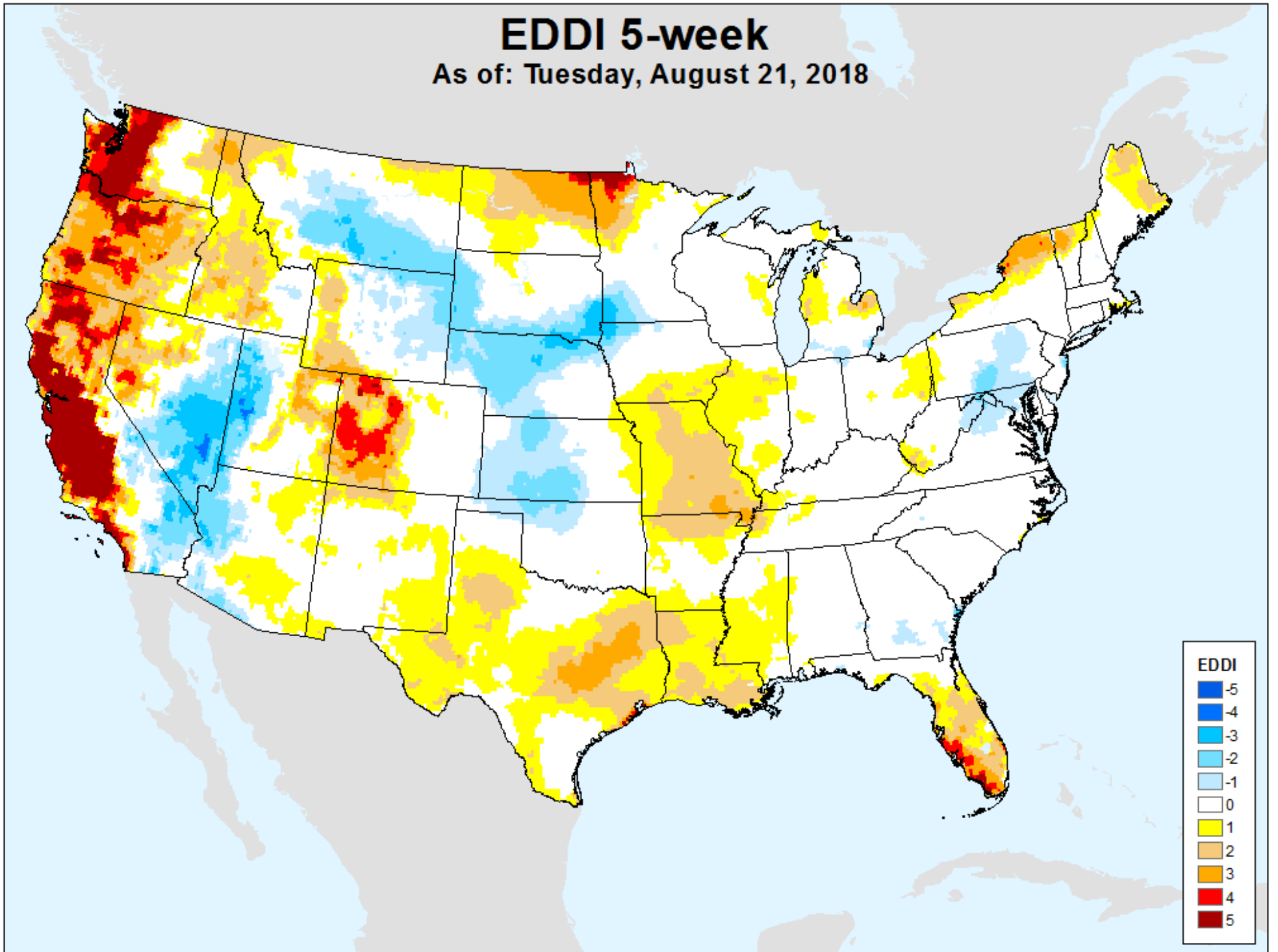
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

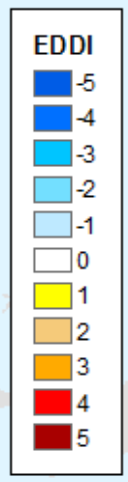
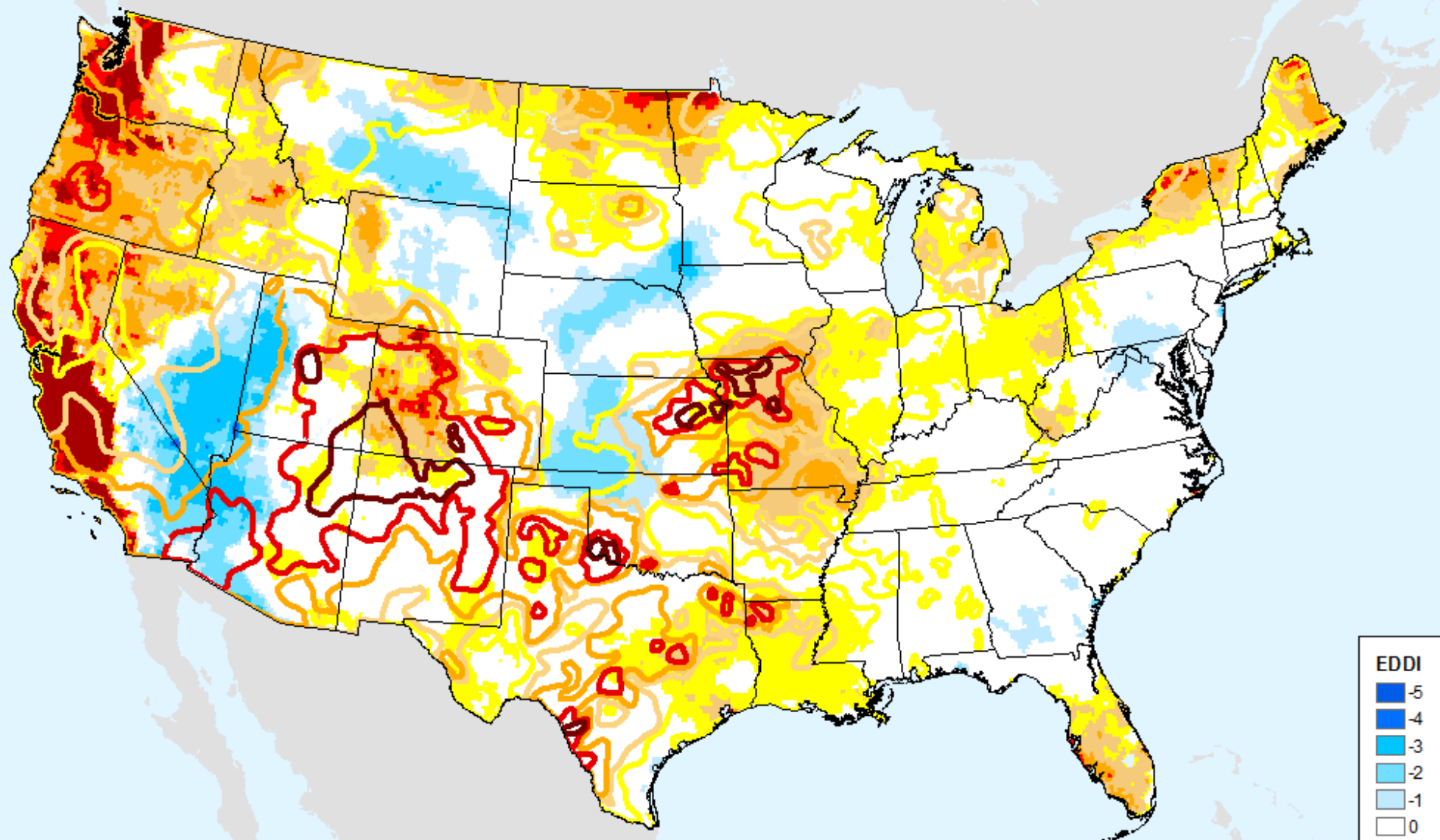
EDDI 5-week

As of: Tuesday, August 21, 2018



EDDI 6-week

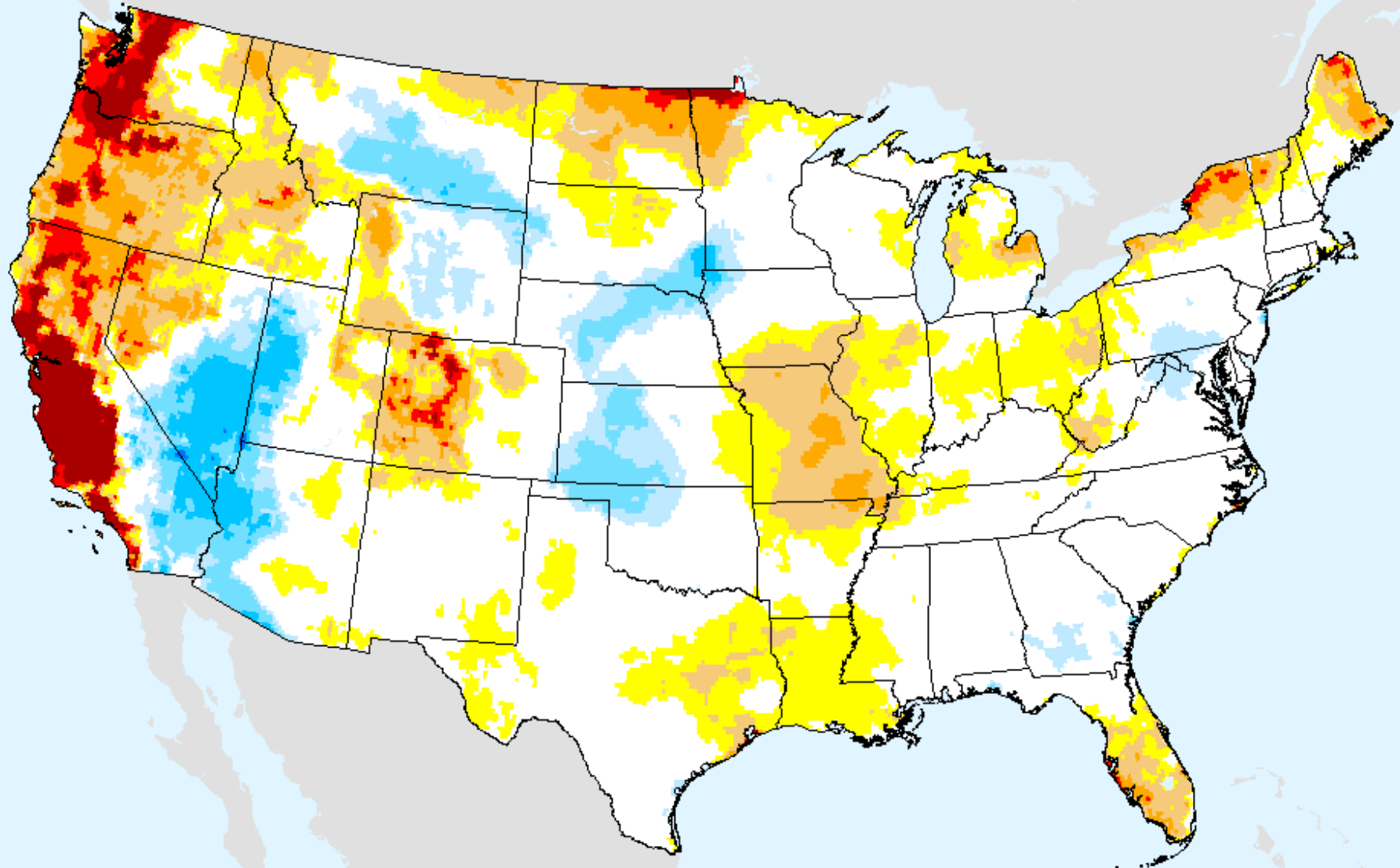
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

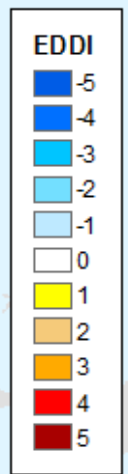
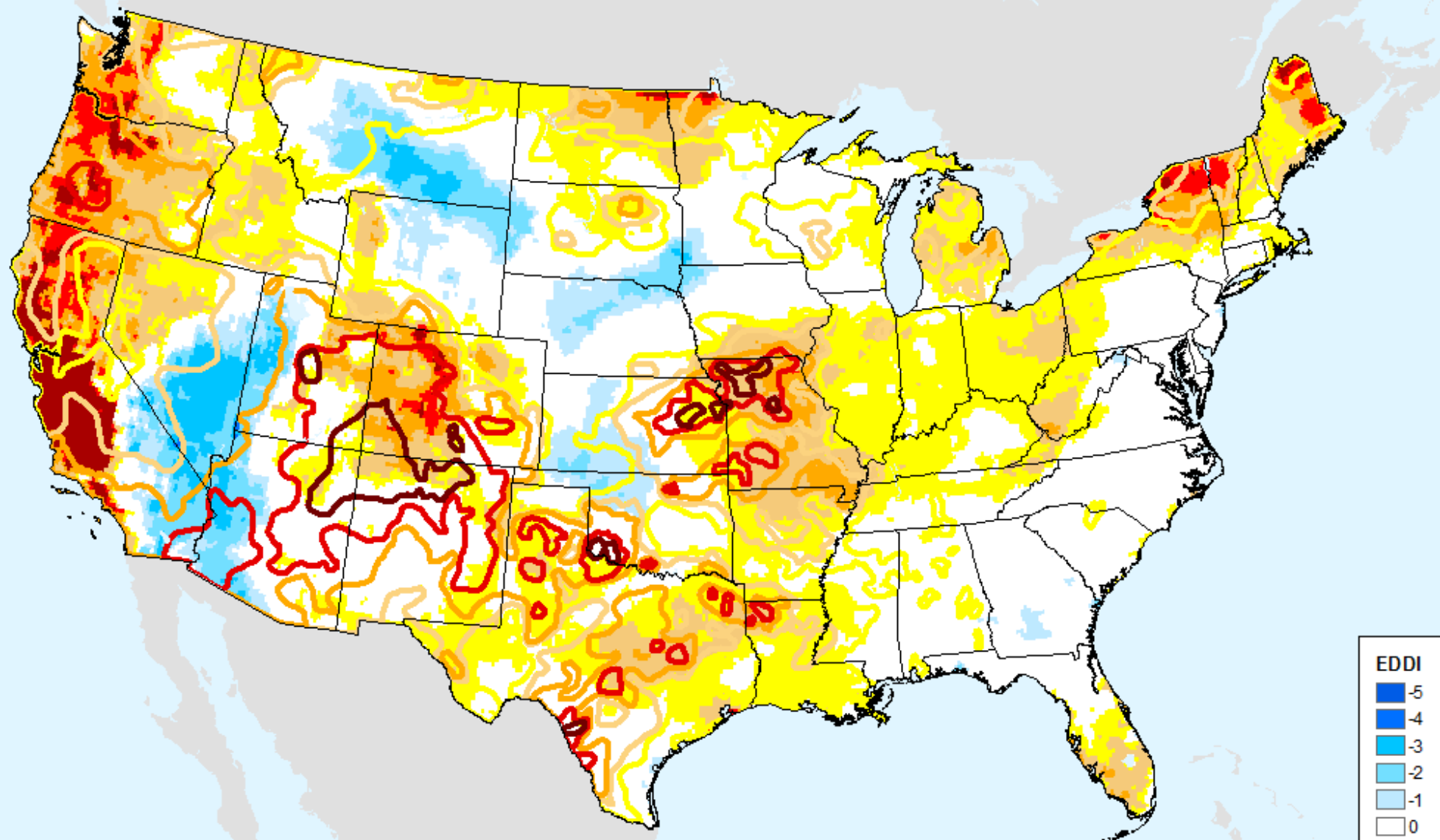
EDDI 6-week

As of: Tuesday, August 21, 2018



EDDI 7-week

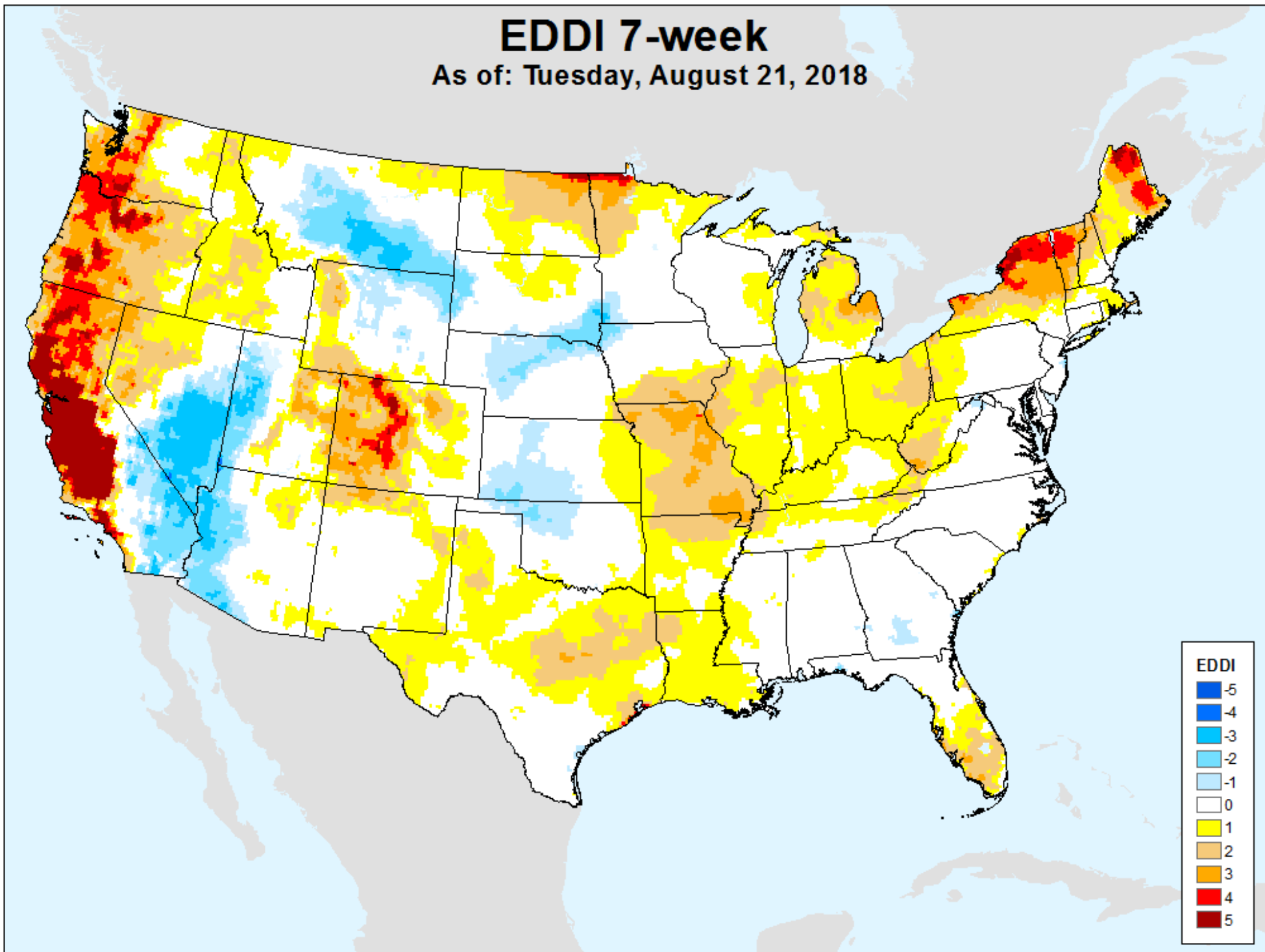
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

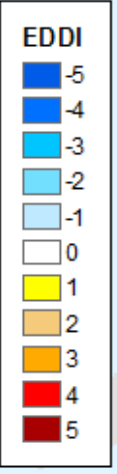
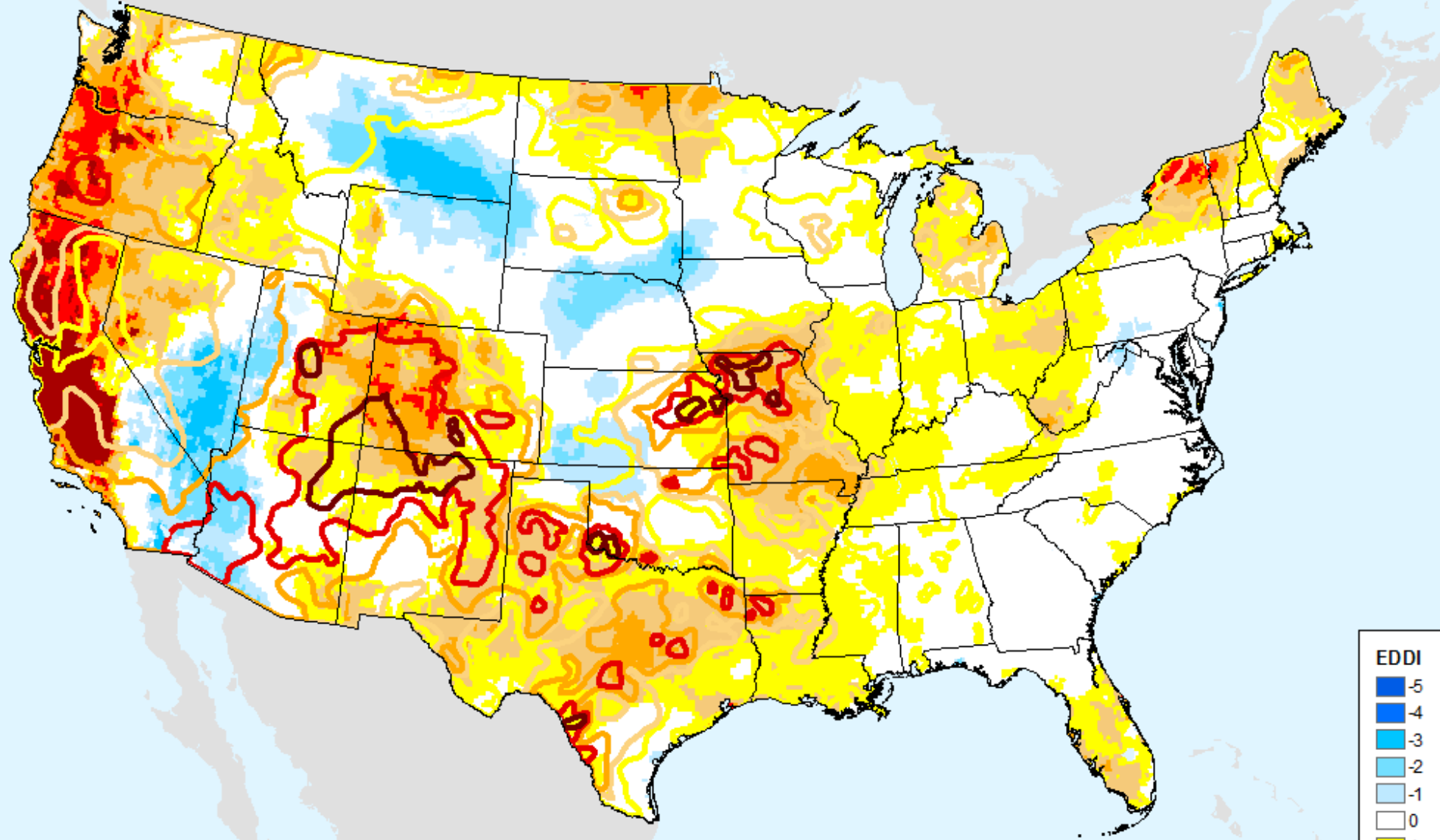
EDDI 7-week

As of: Tuesday, August 21, 2018



EDDI 8-week

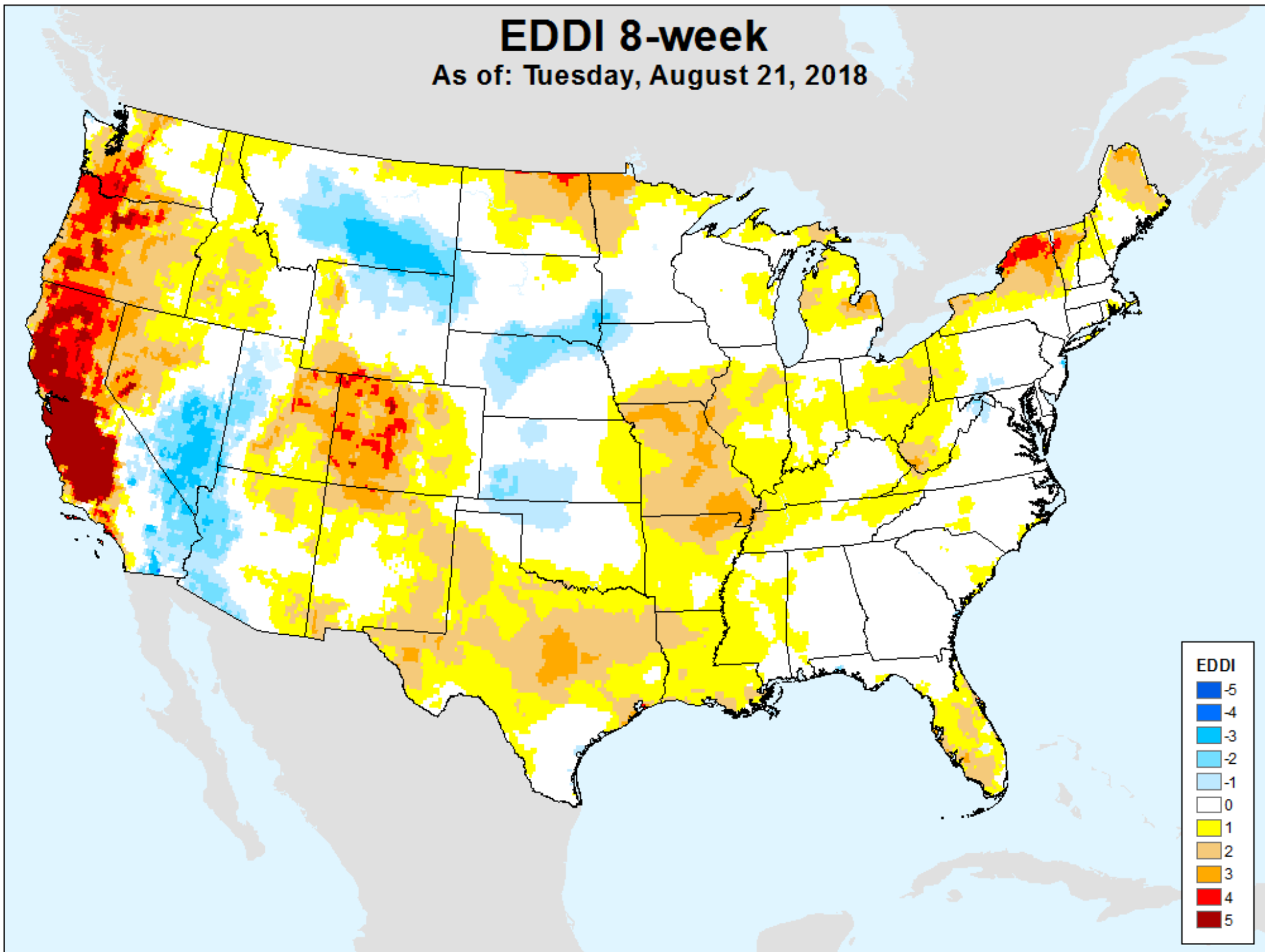
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

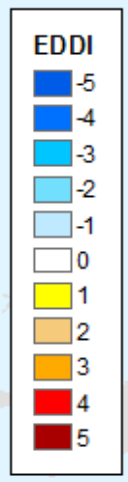
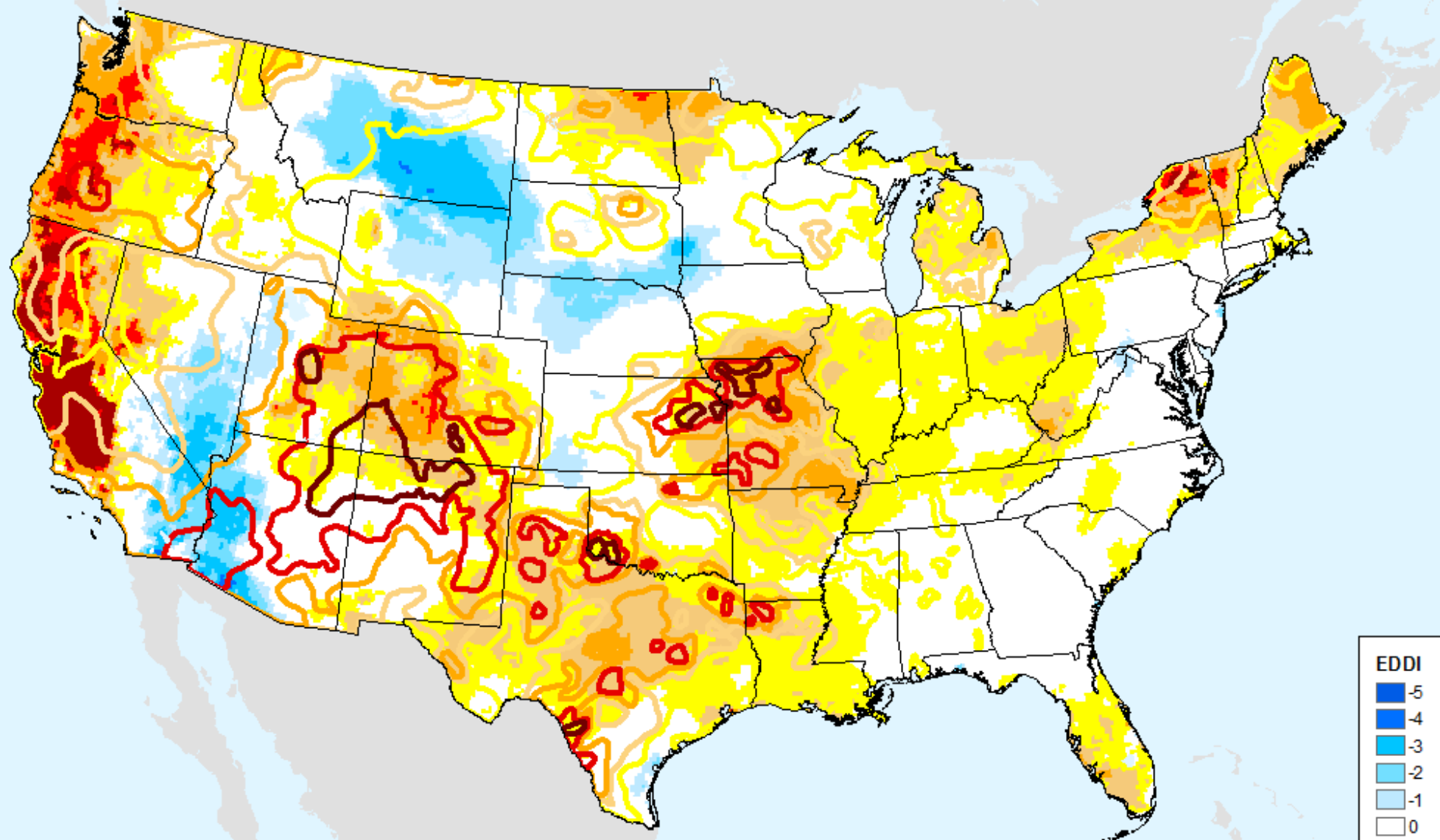
EDDI 8-week

As of: Tuesday, August 21, 2018



EDDI 9-week

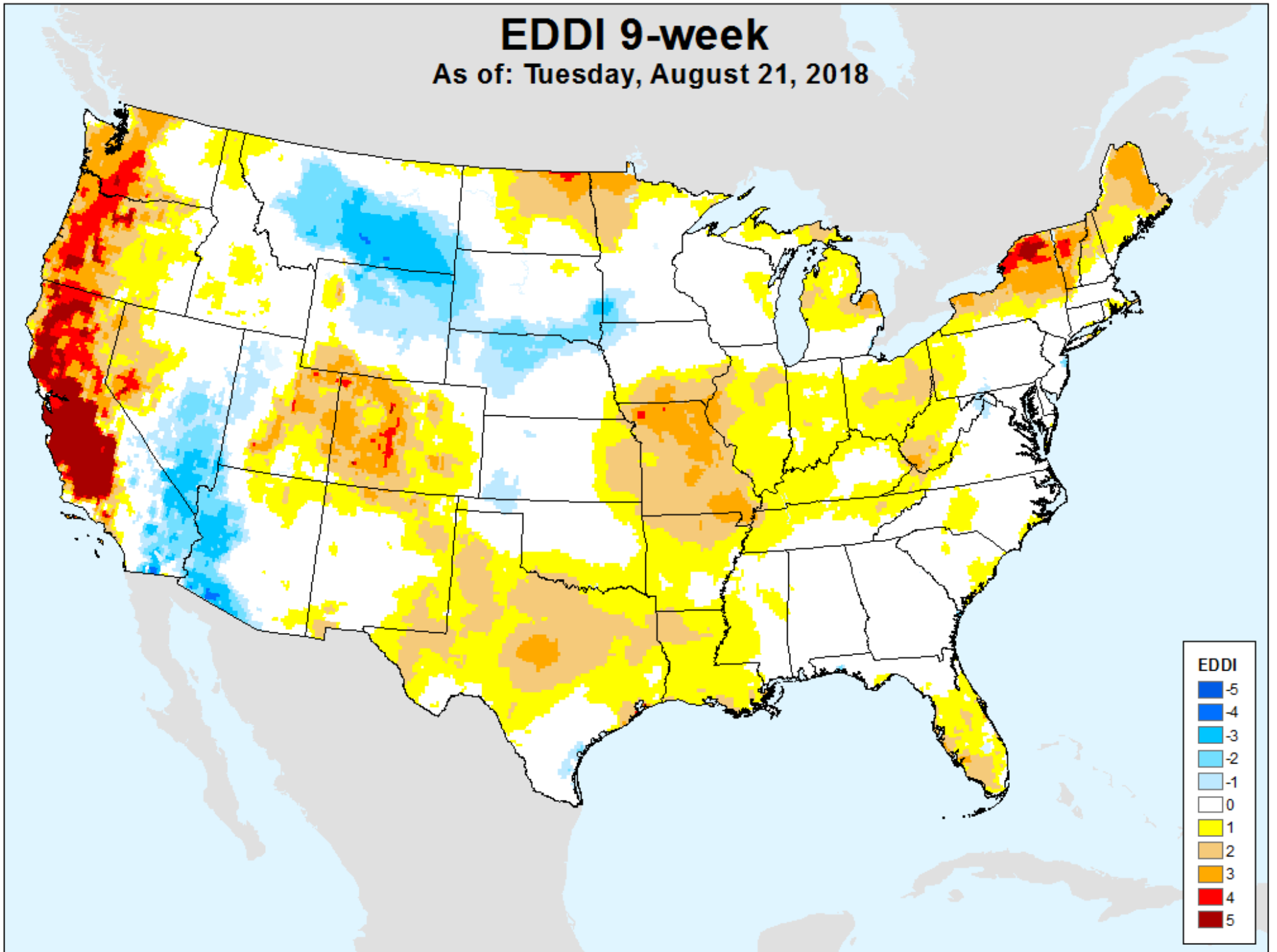
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

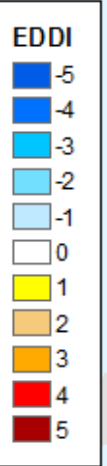
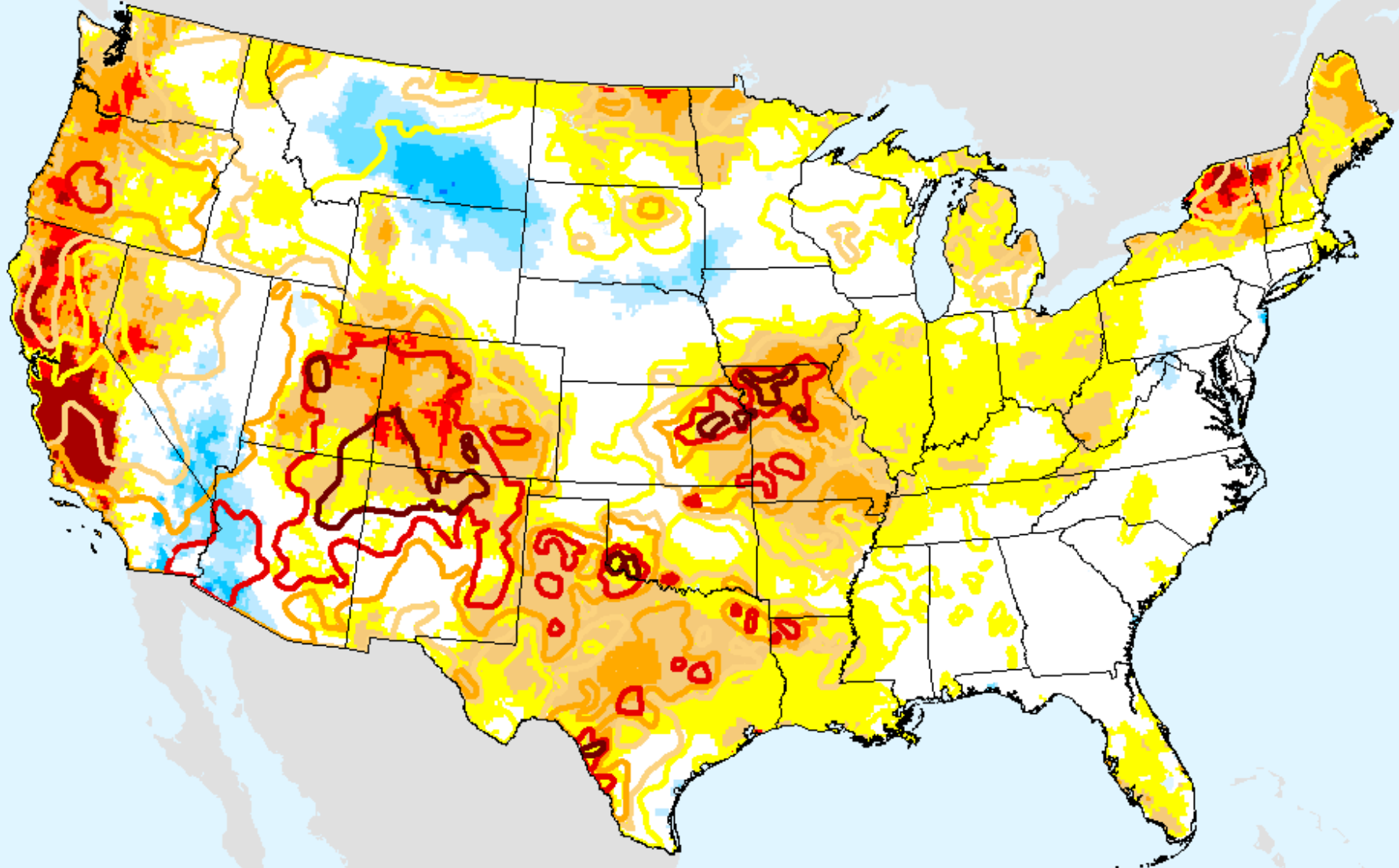
EDDI 9-week

As of: Tuesday, August 21, 2018



EDDI 10-week

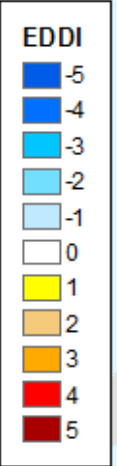
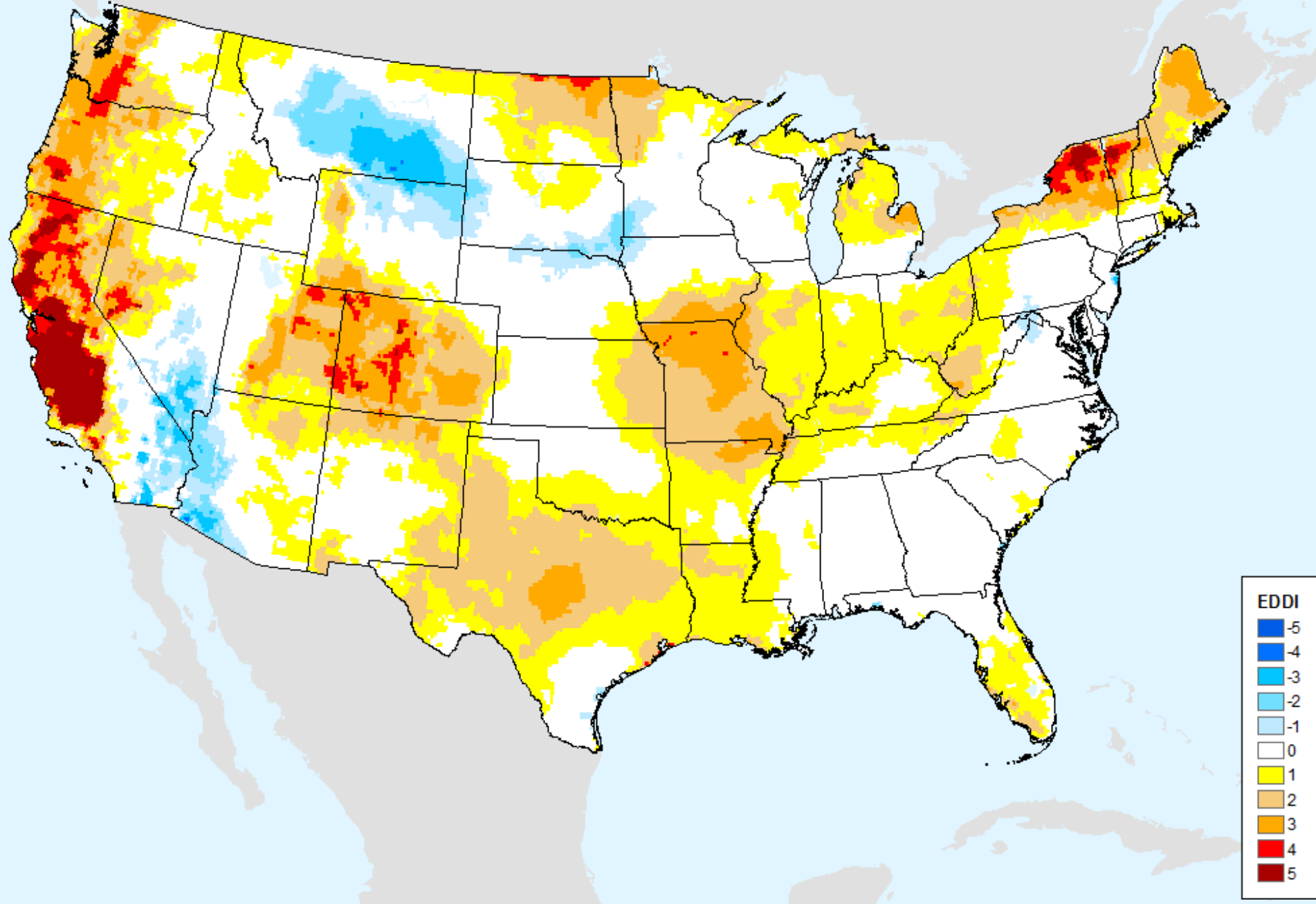
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

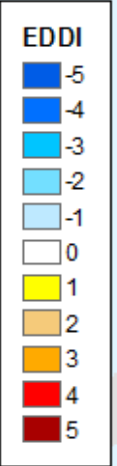
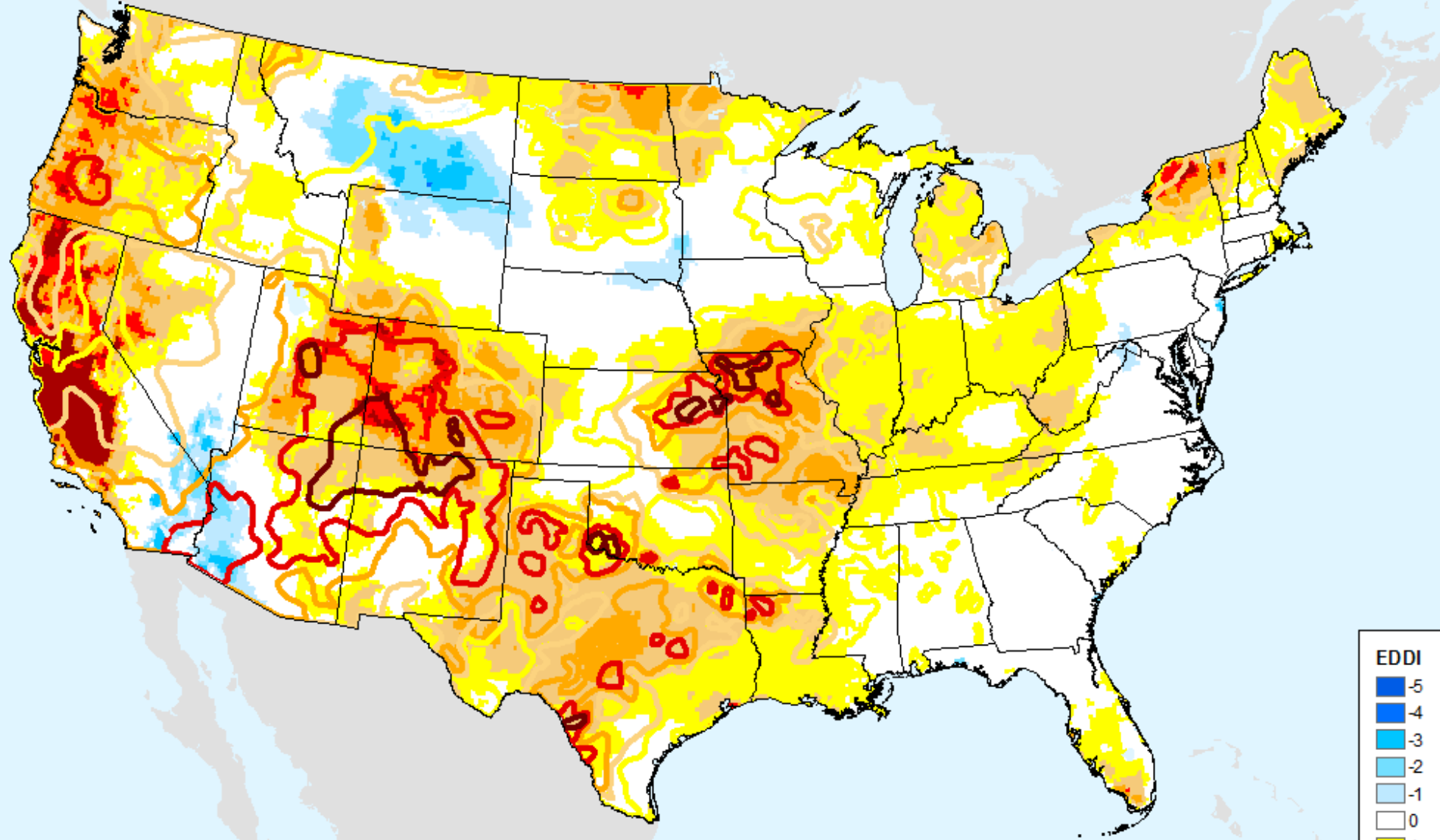
EDDI 10-week

As of: Tuesday, August 21, 2018



EDDI 11-week

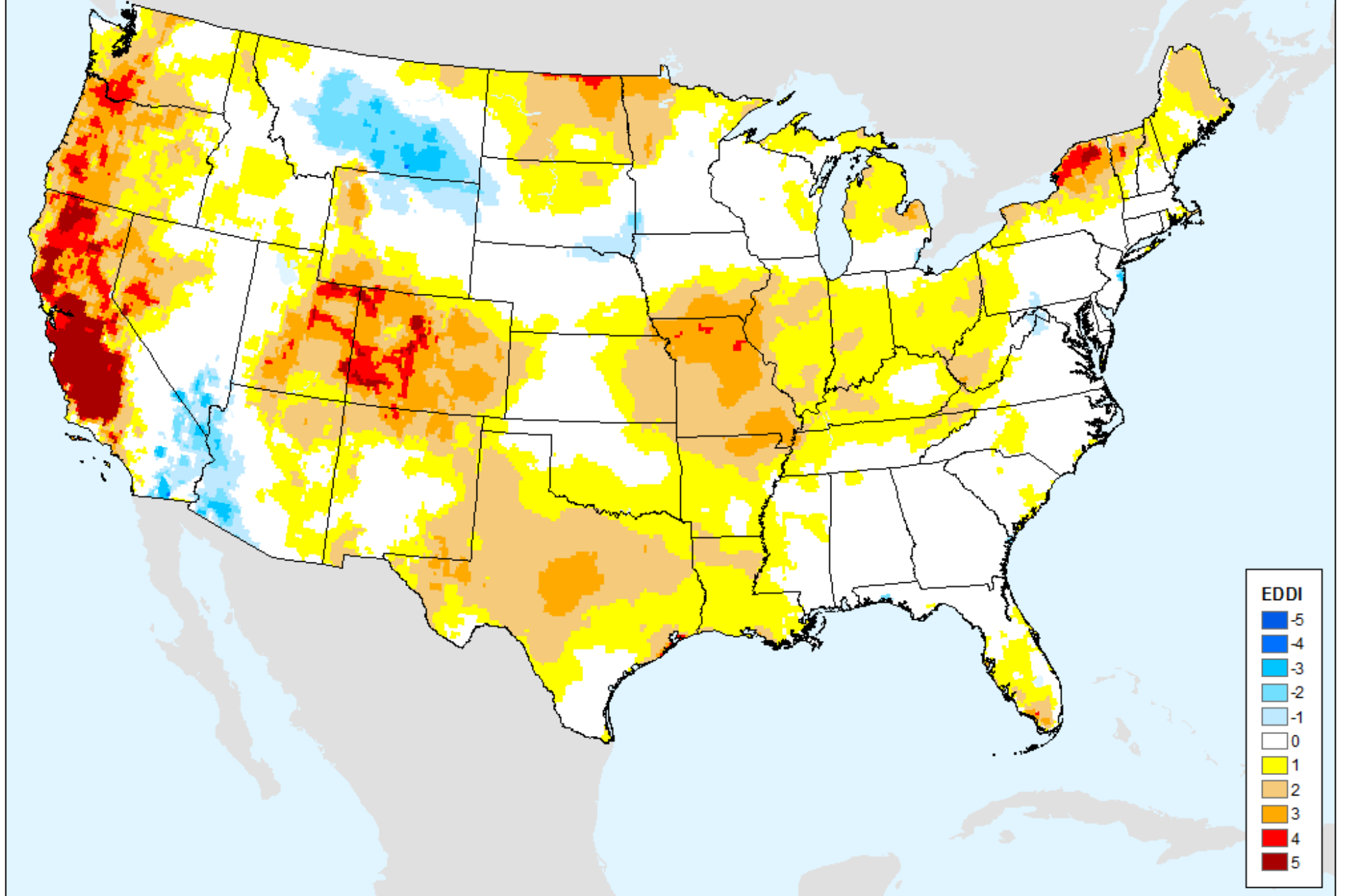
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

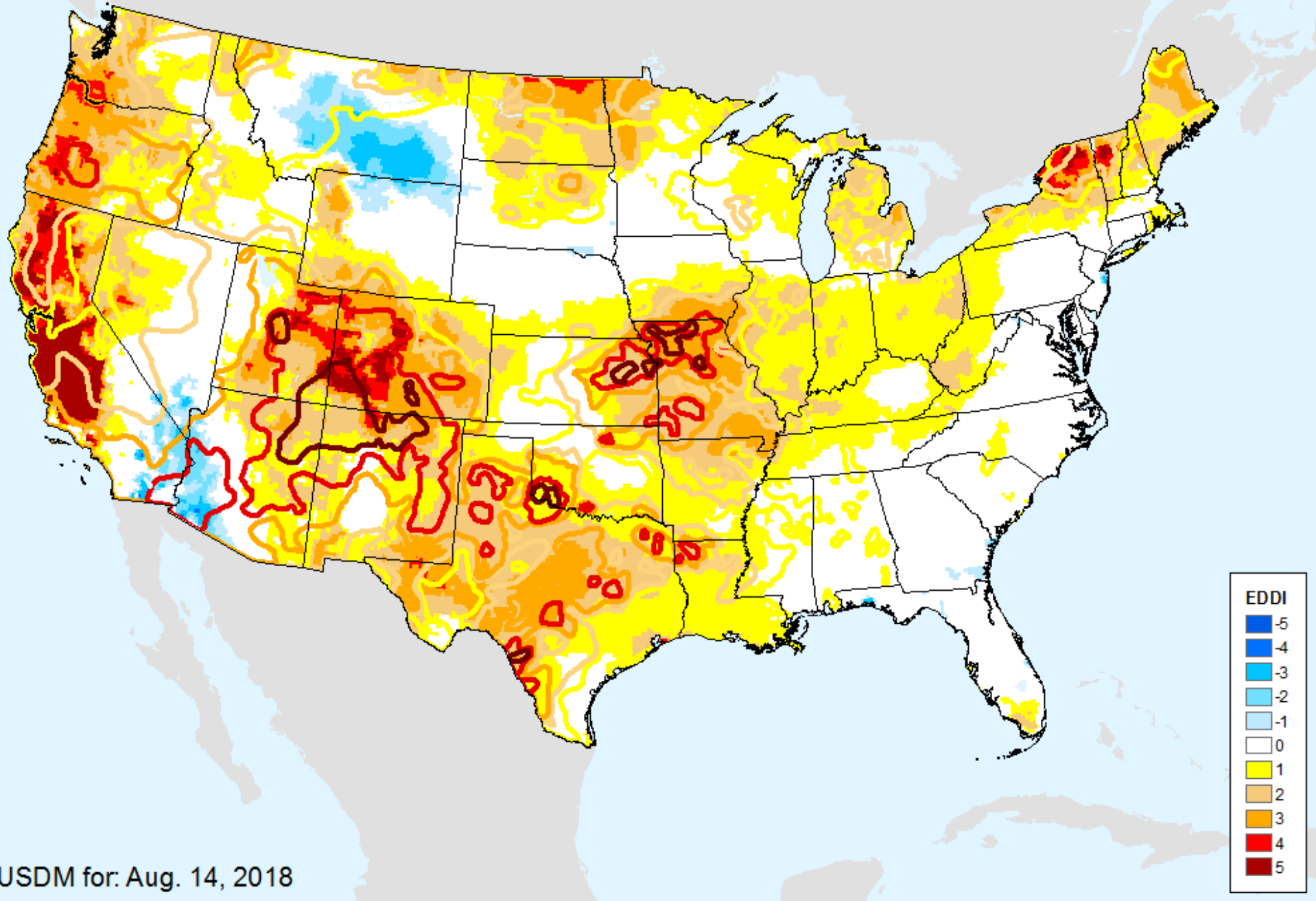
EDDI 11-week

As of: Tuesday, August 21, 2018



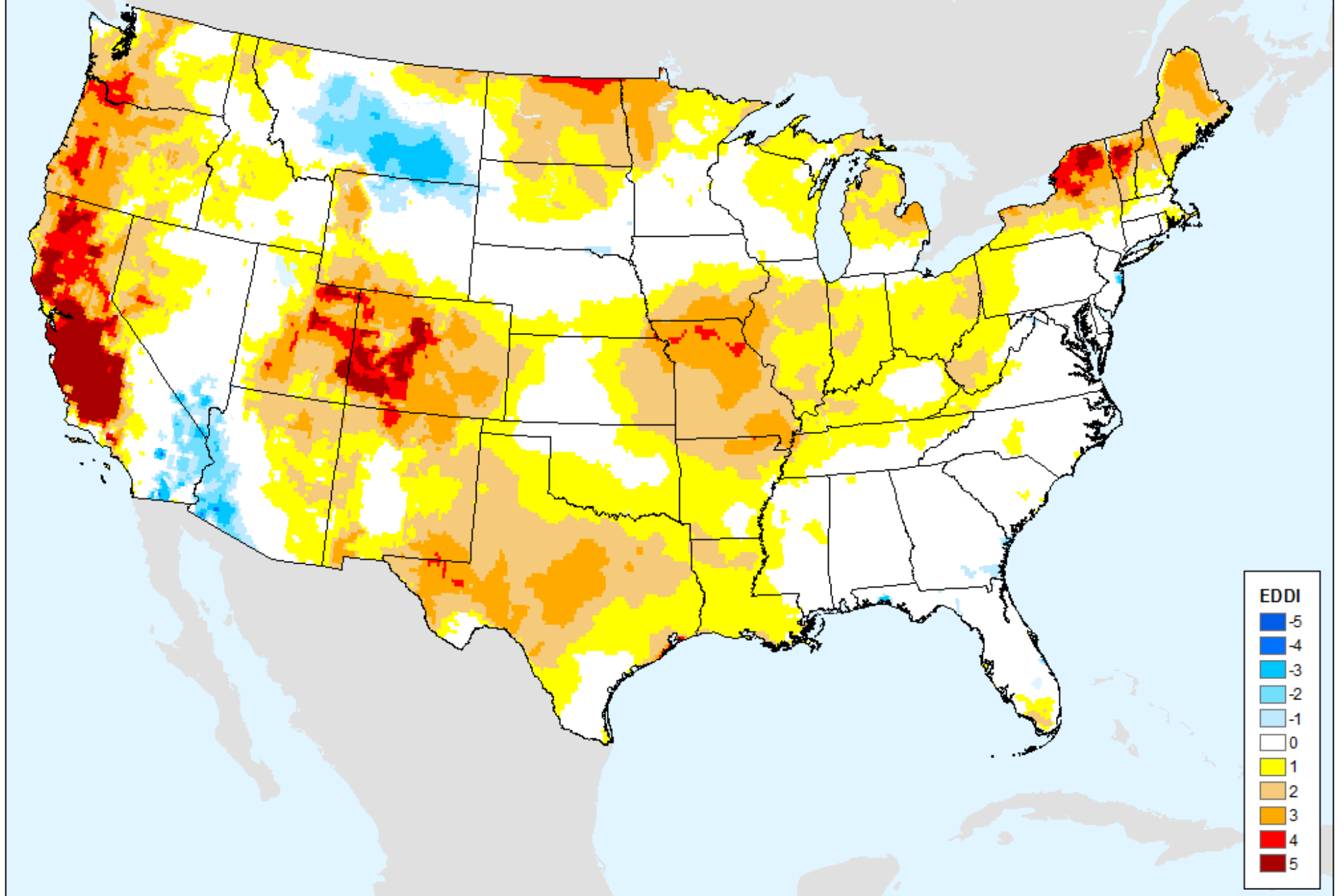
EDDI 12-week

As of: Tuesday, August 21, 2018



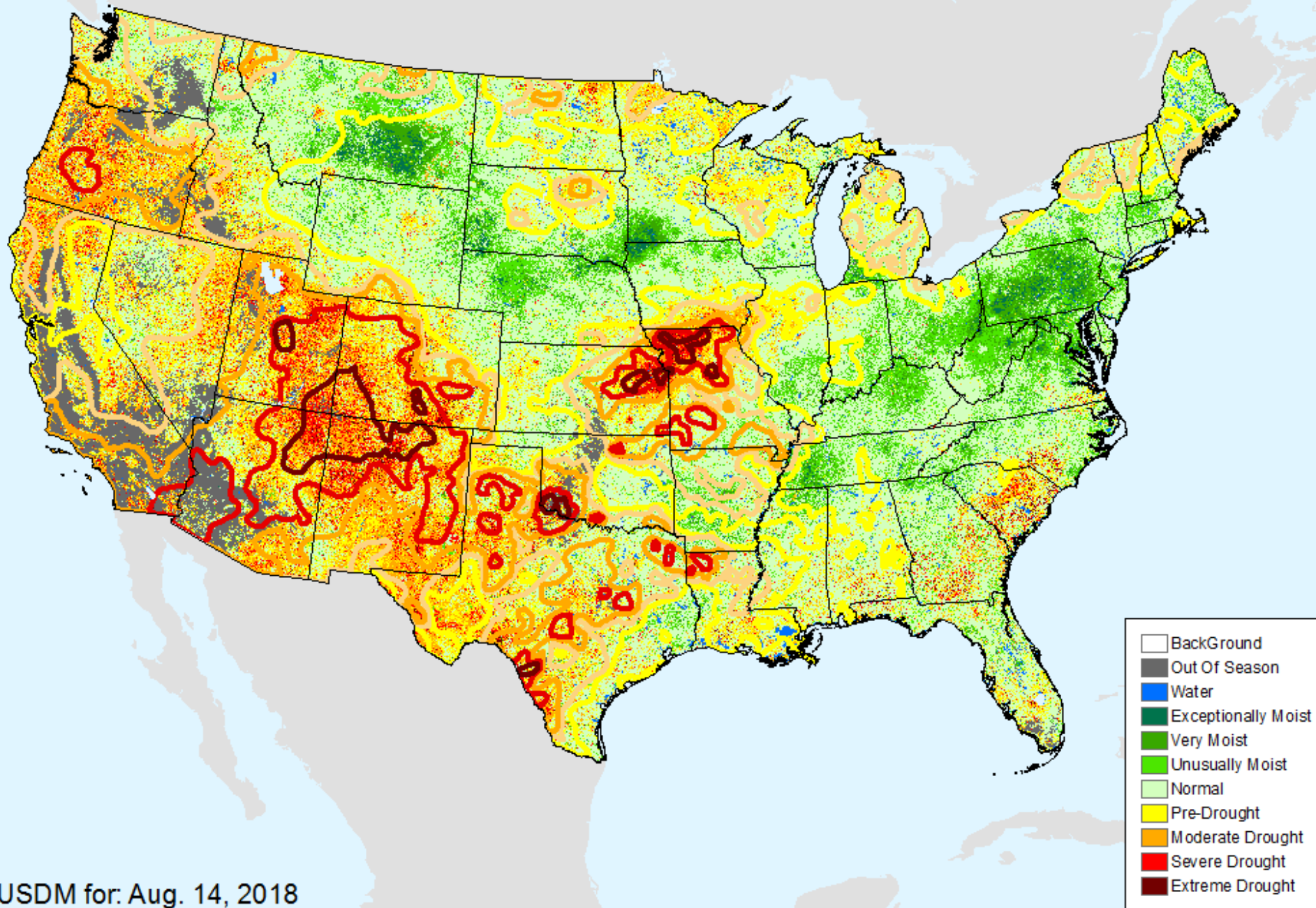
EDDI 12-week

As of: Tuesday, August 21, 2018



Vegetation Drought Response Index (VegDRI)

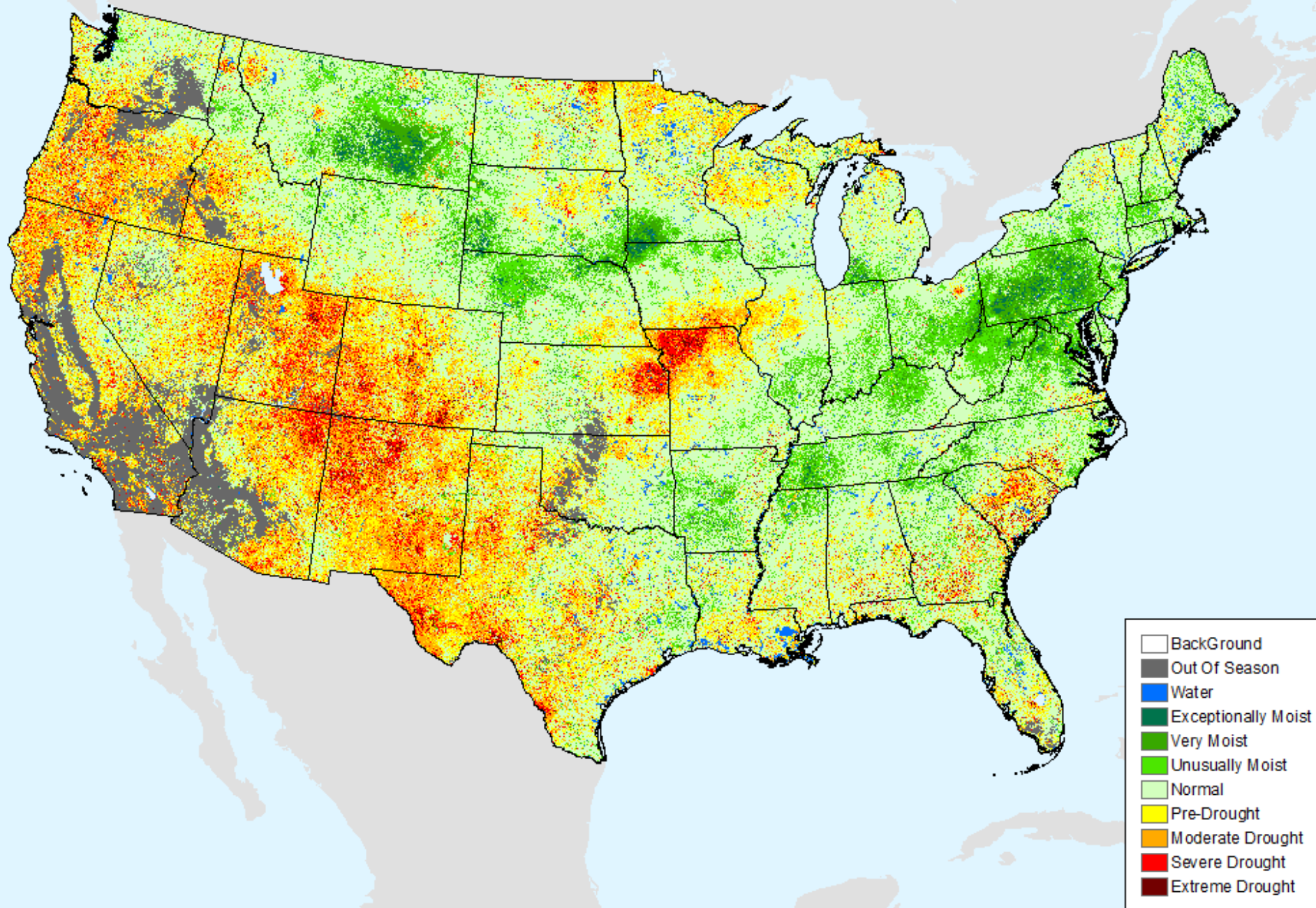
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

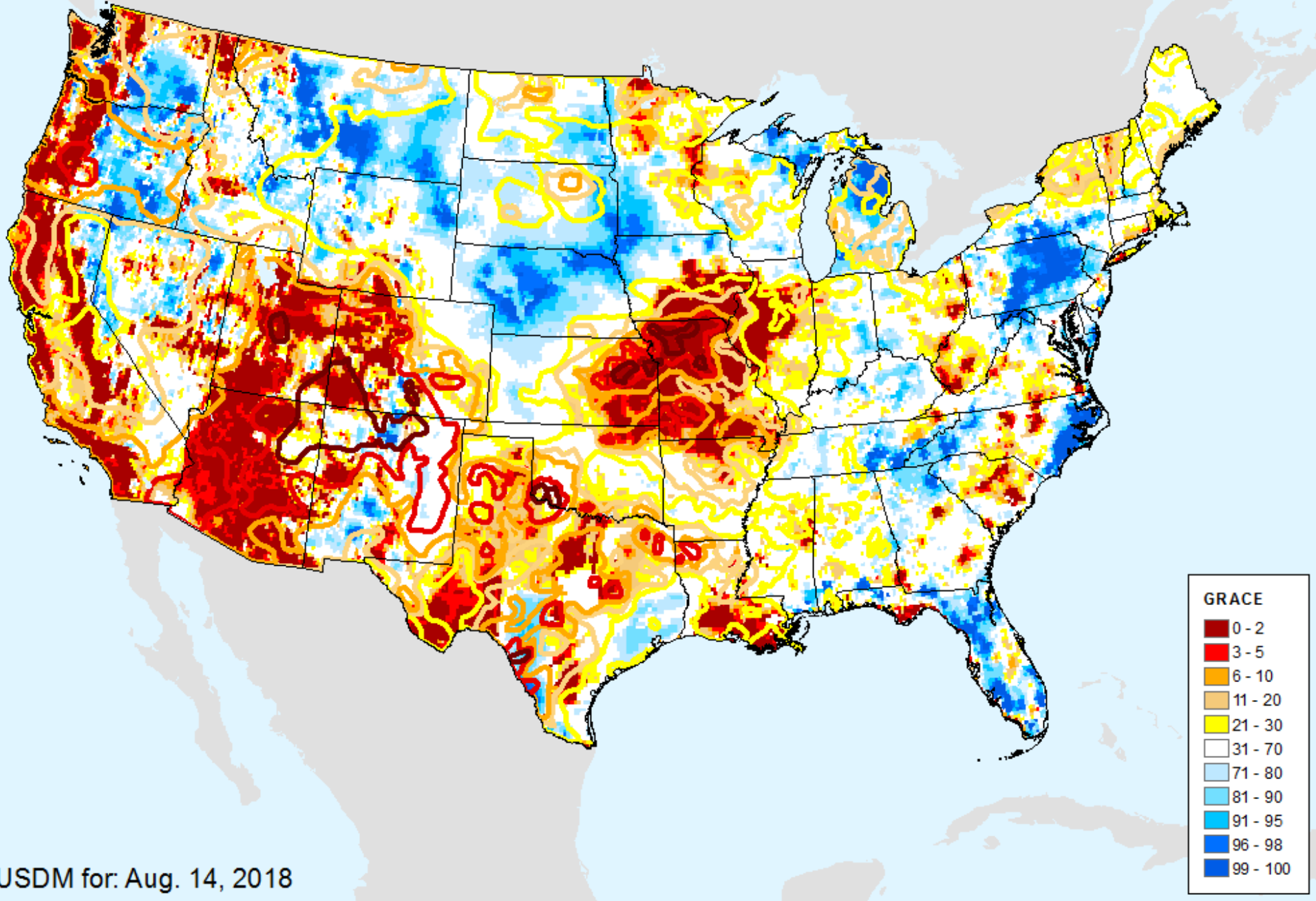
Vegetation Drought Response Index (VegDRI)

As of: Tuesday, August 21, 2018



GRACE-Based Shallow Groundwater Drought Indicator

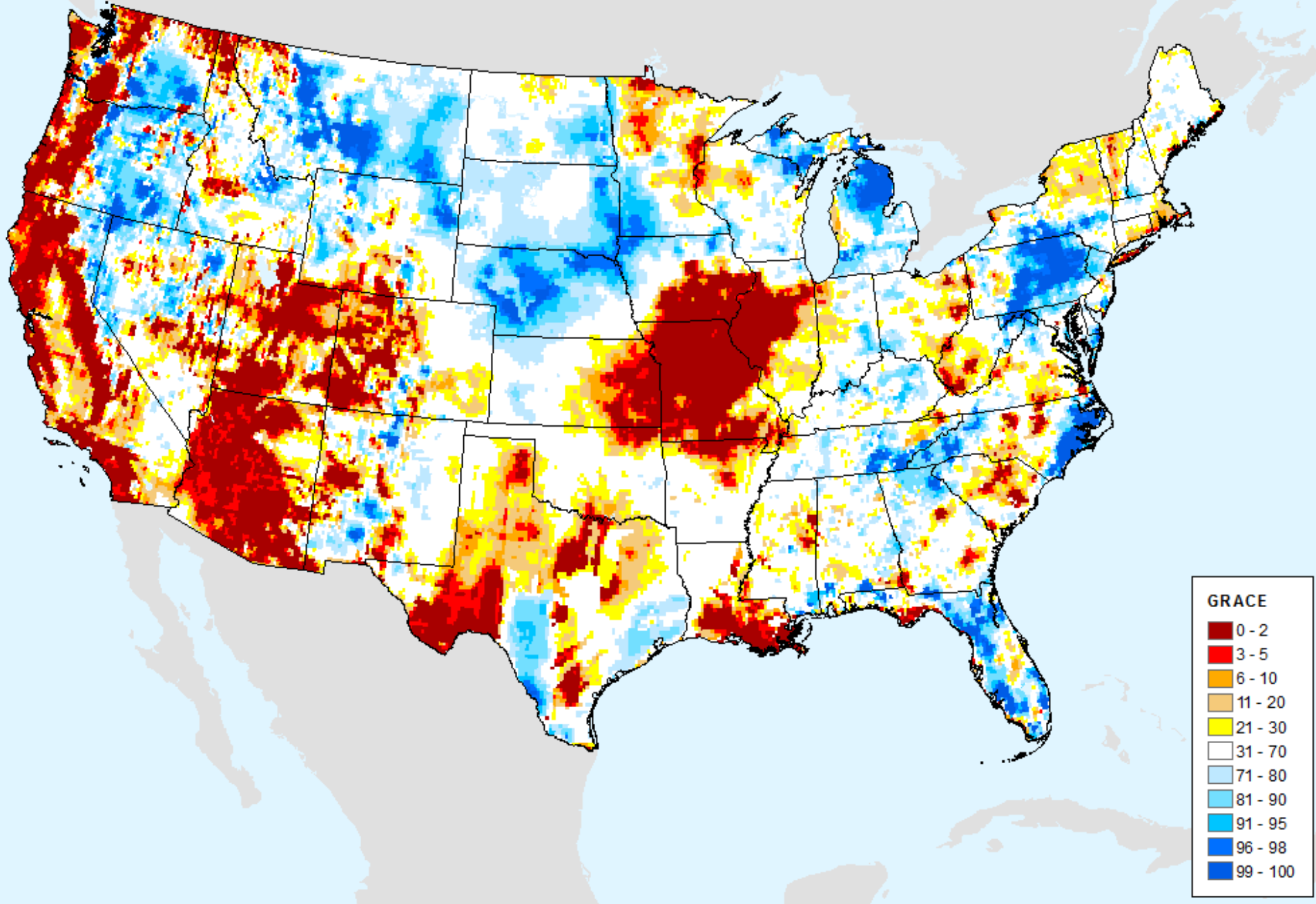
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

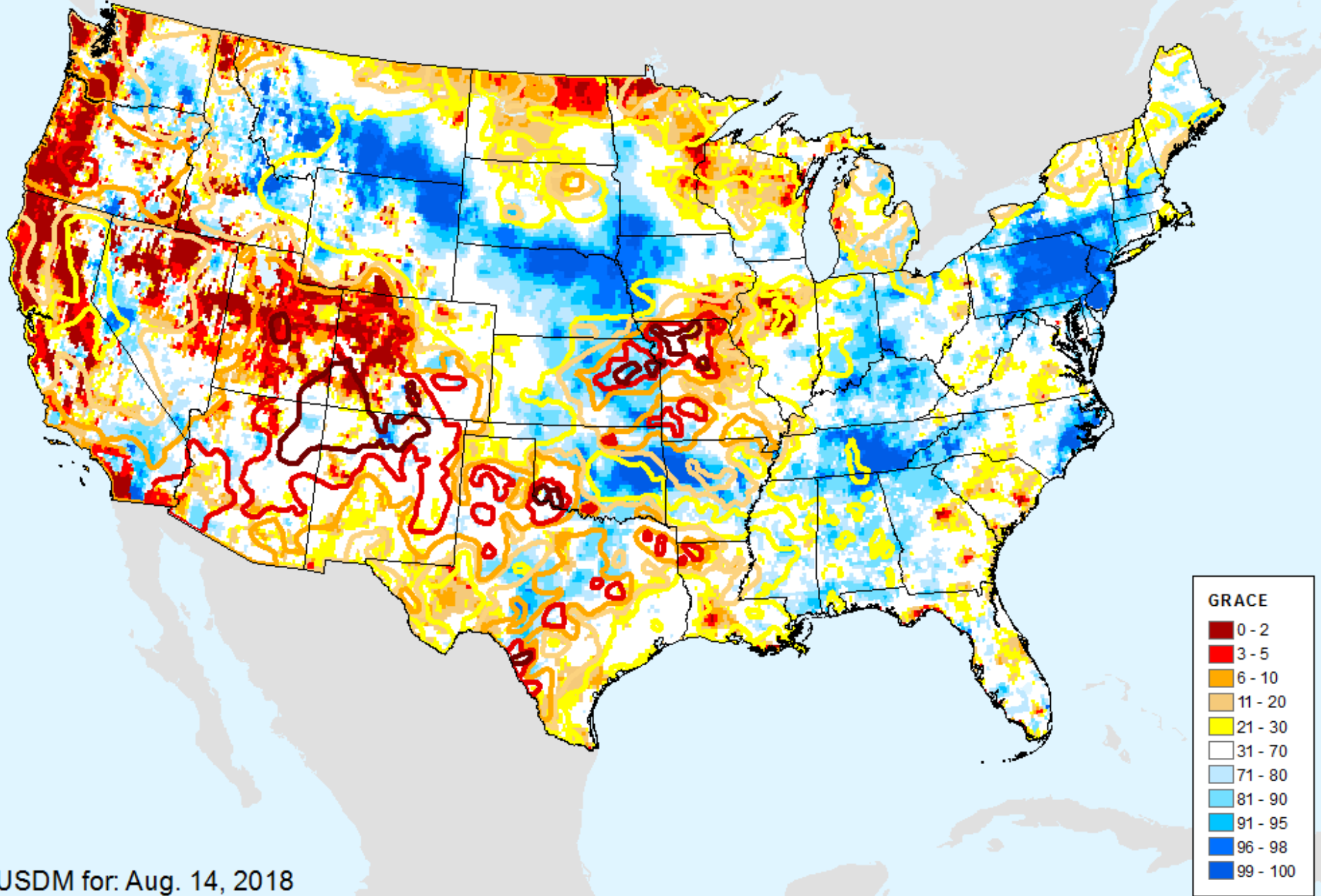
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, August 21, 2018



GRACE-Based Root Zone Soil Moisture Drought Indicator

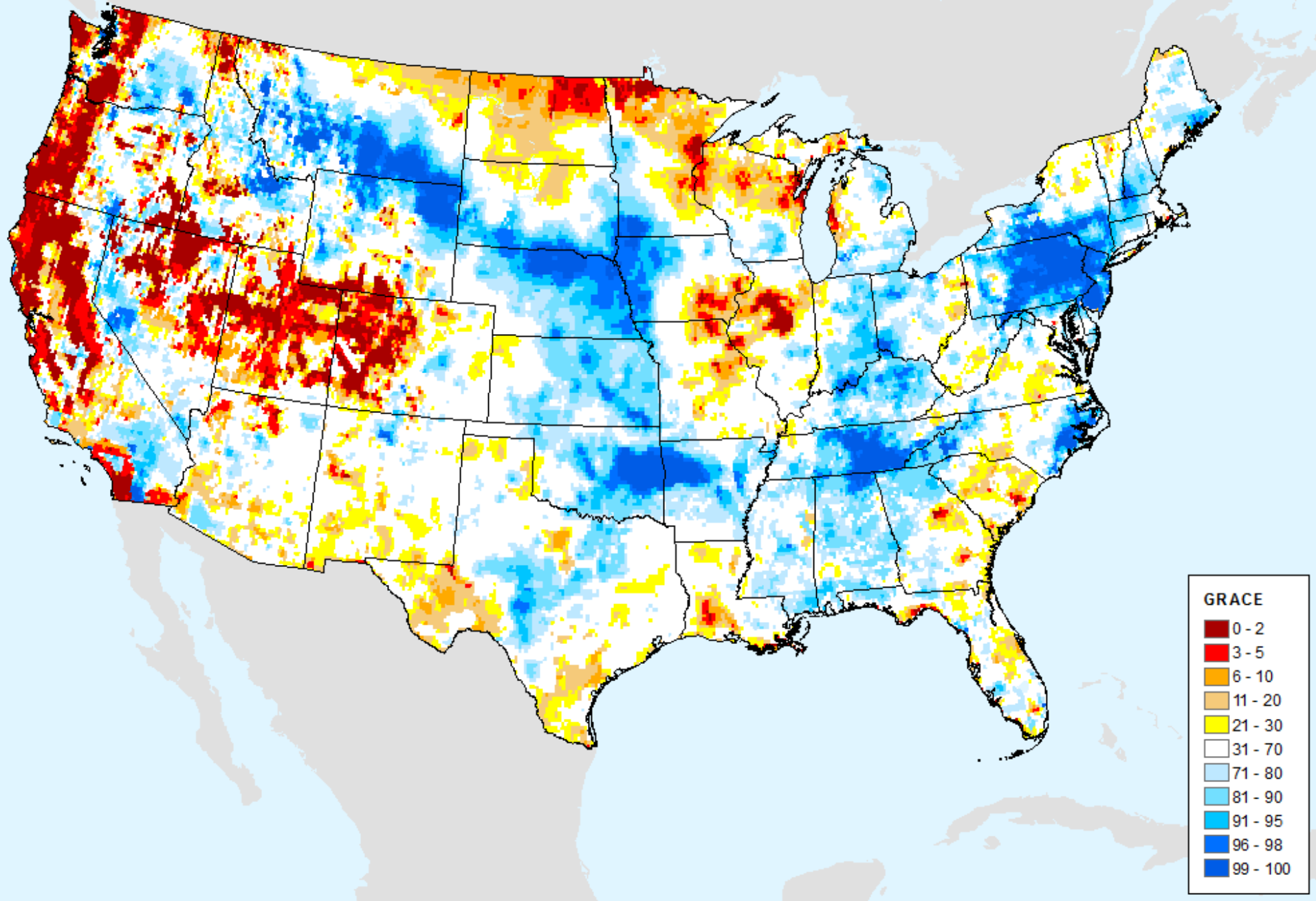
As of: Tuesday, August 21, 2018



USDM for: Aug. 14, 2018

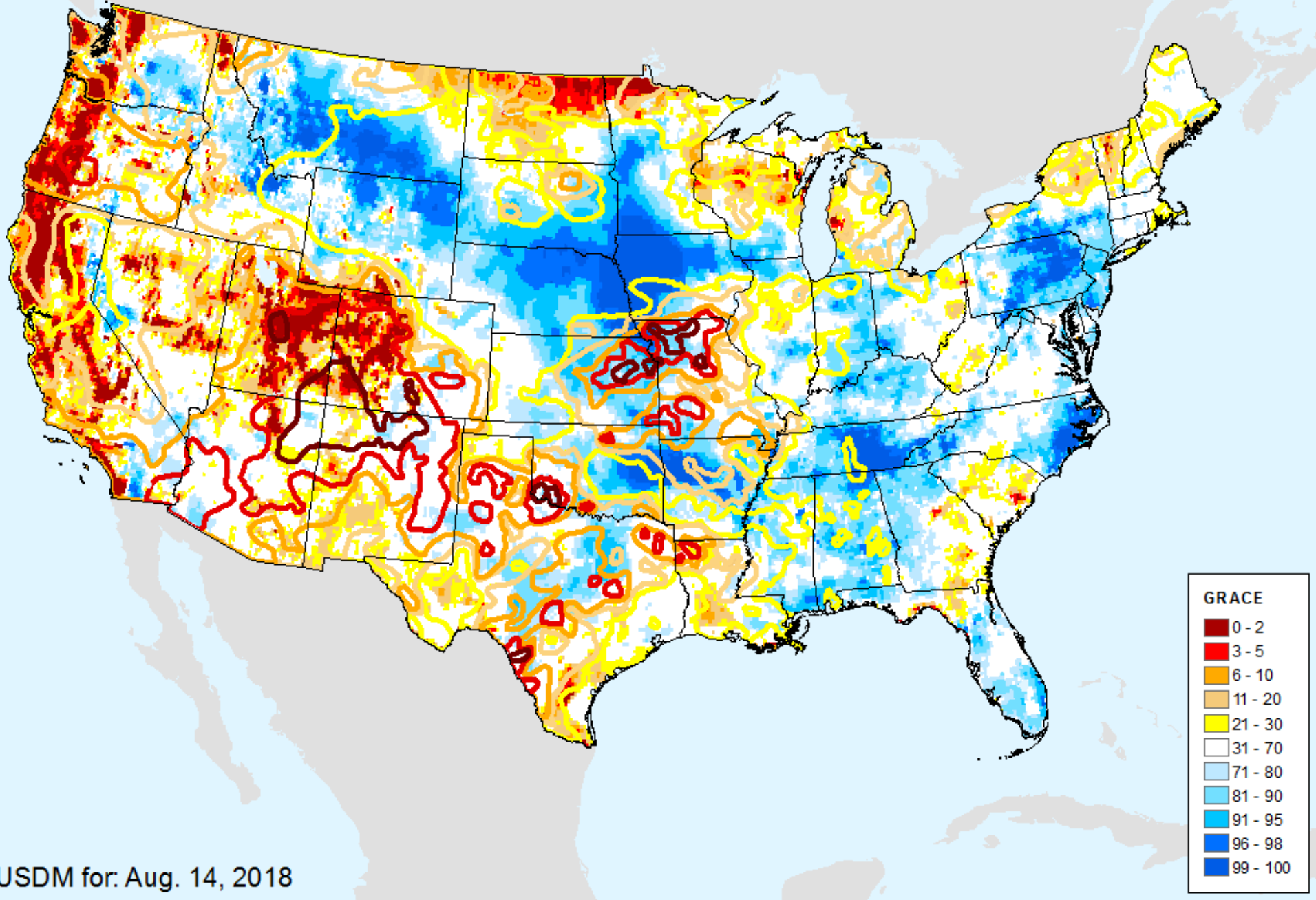
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, August 21, 2018



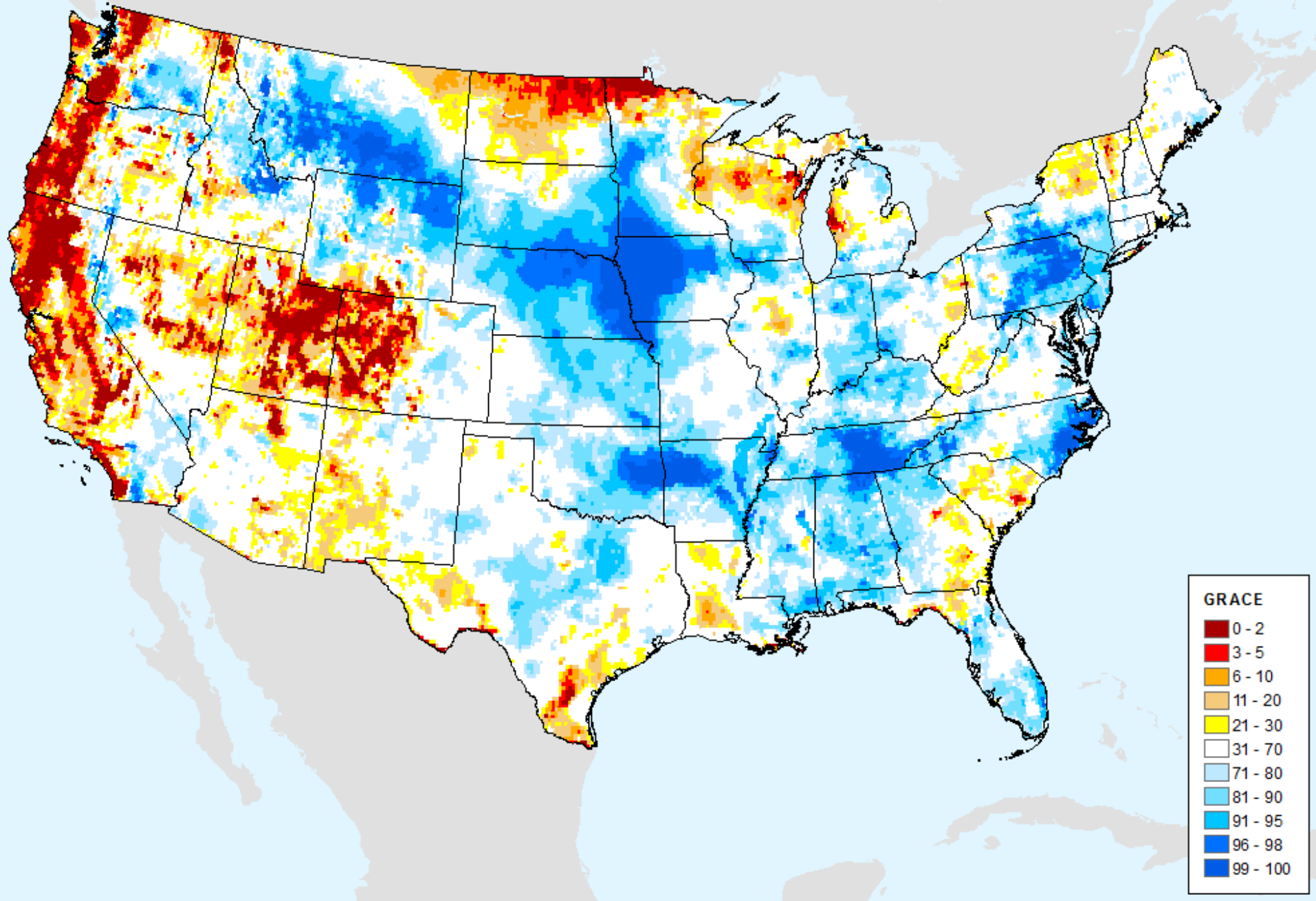
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, August 21, 2018



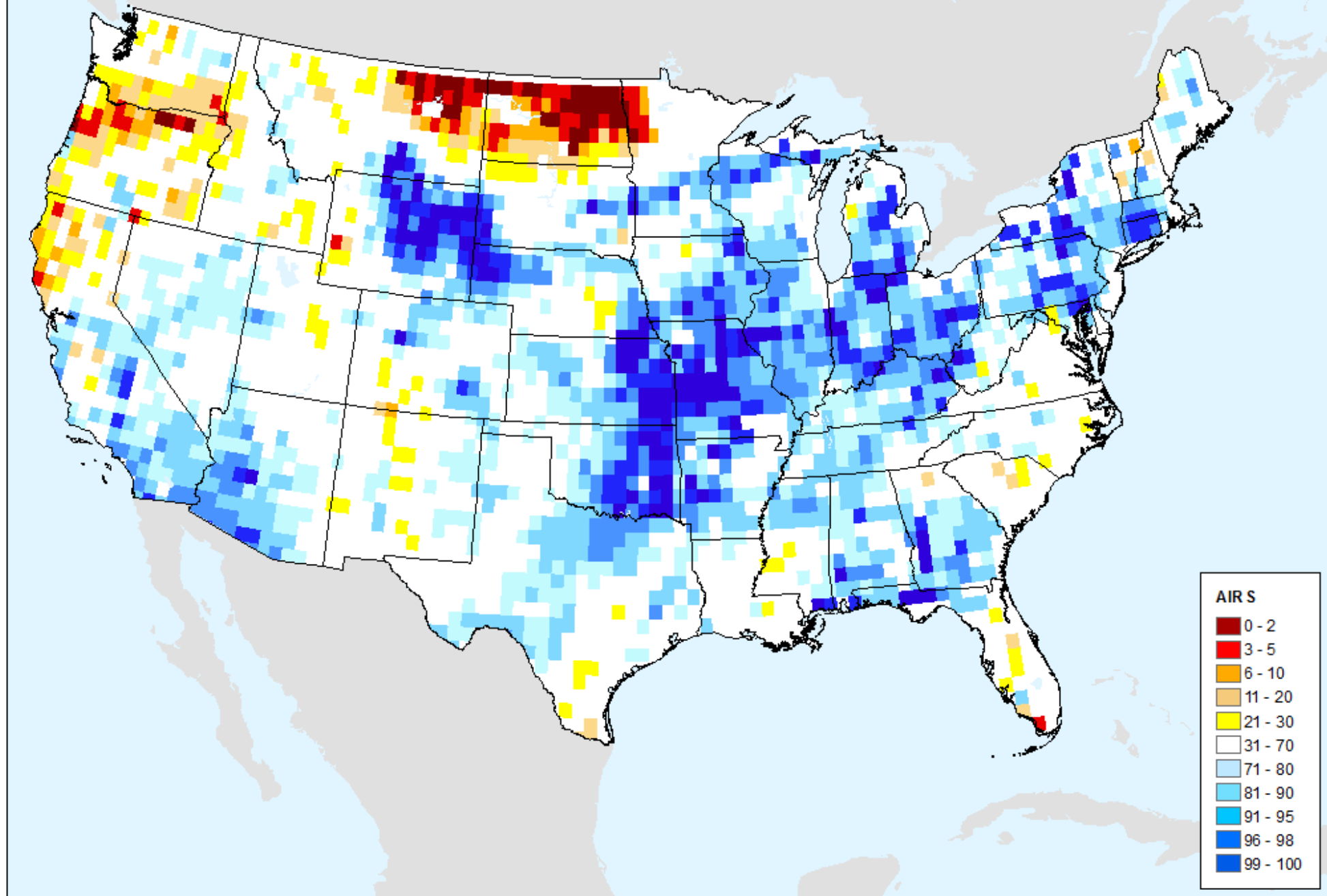
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, August 21, 2018



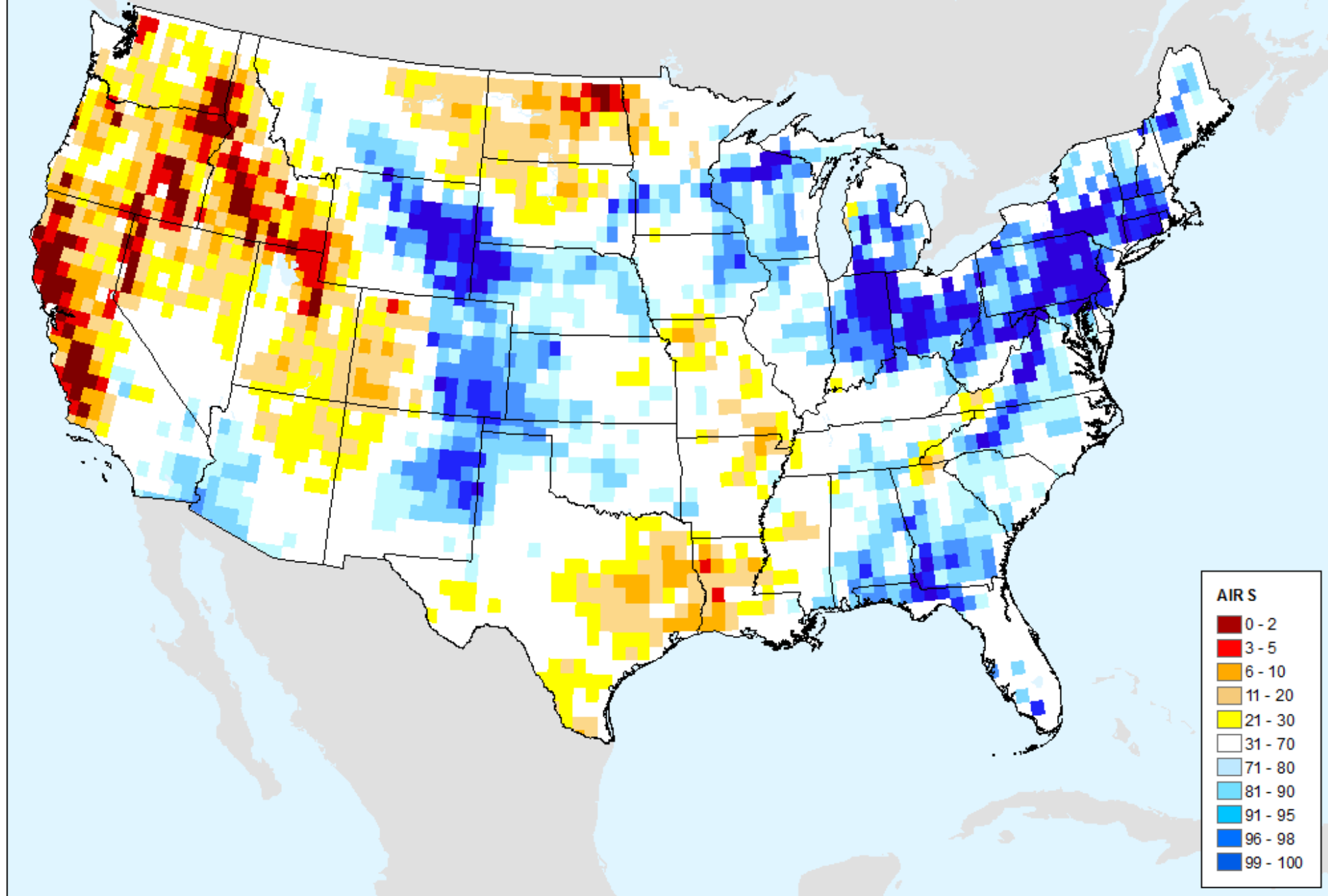
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, August 21, 2018



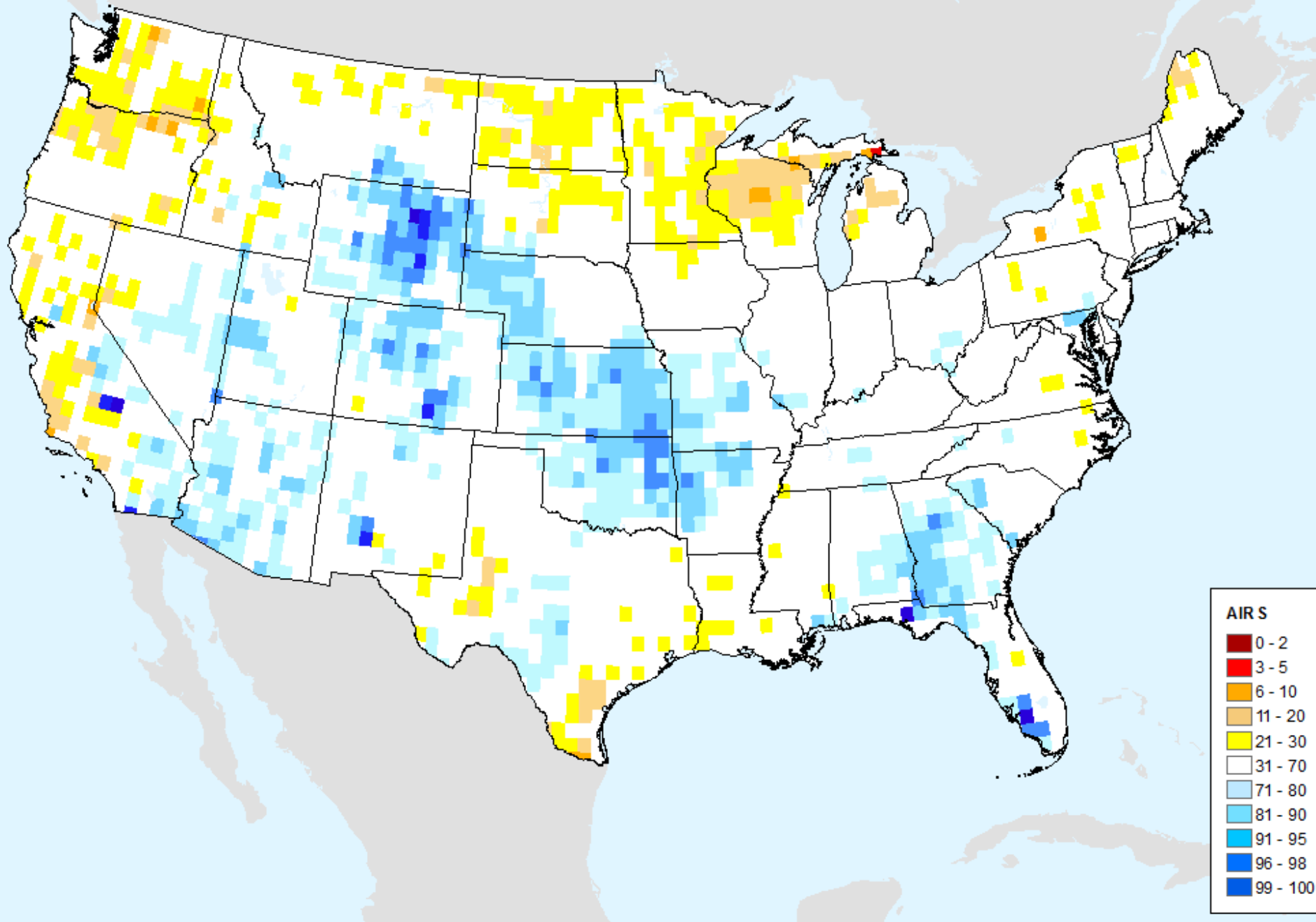
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, August 21, 2018



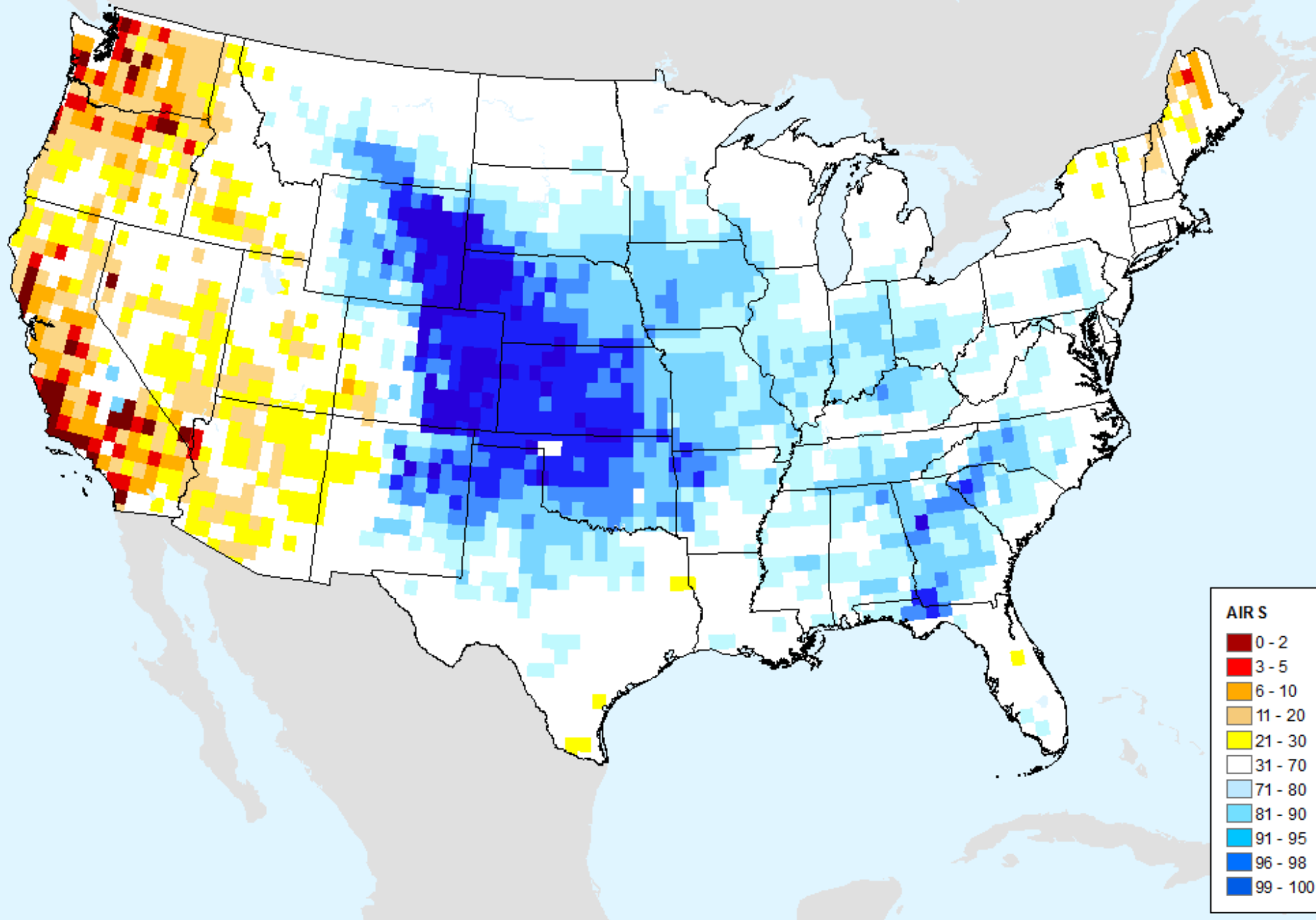
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Tuesday, August 21, 2018



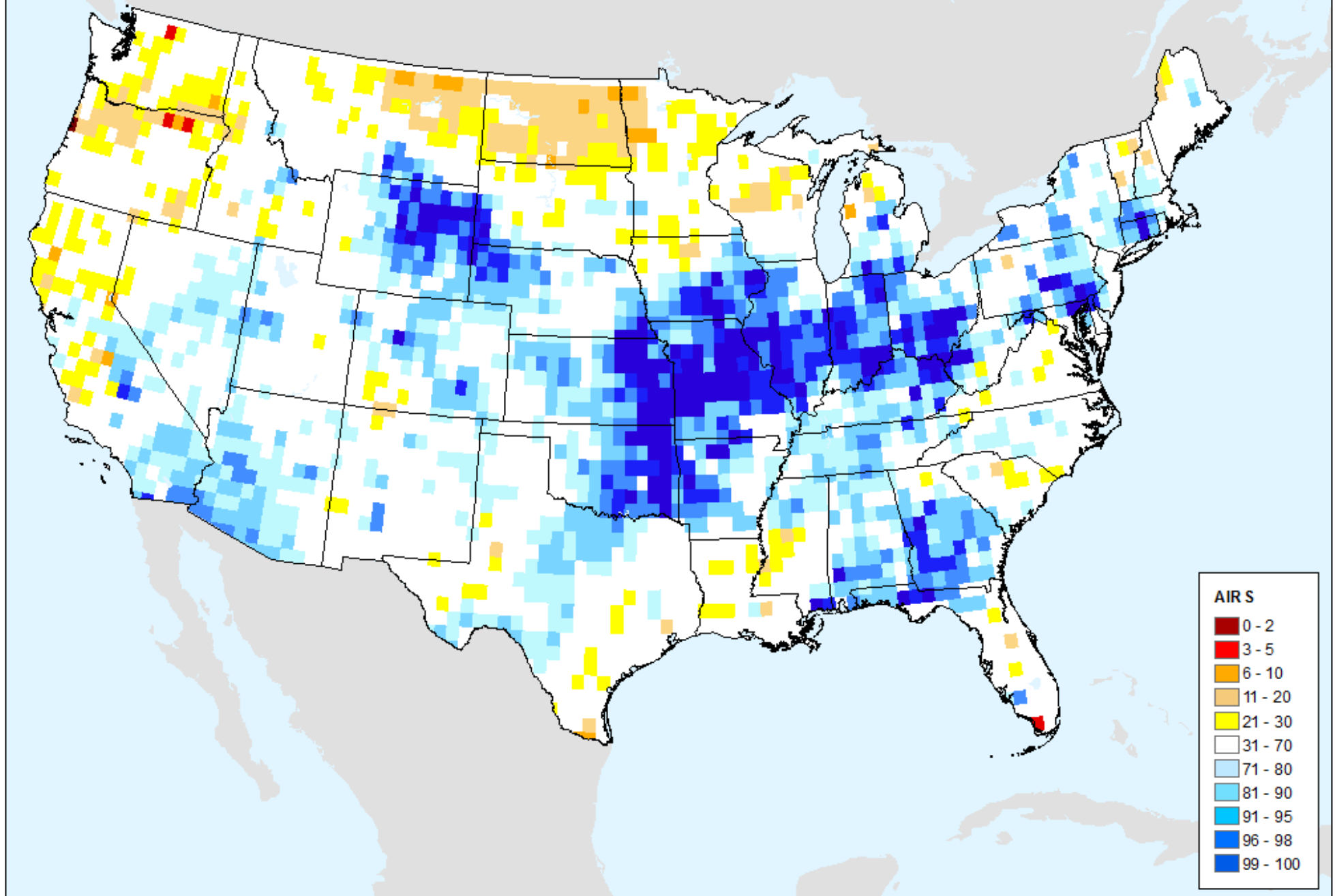
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, August 21, 2018



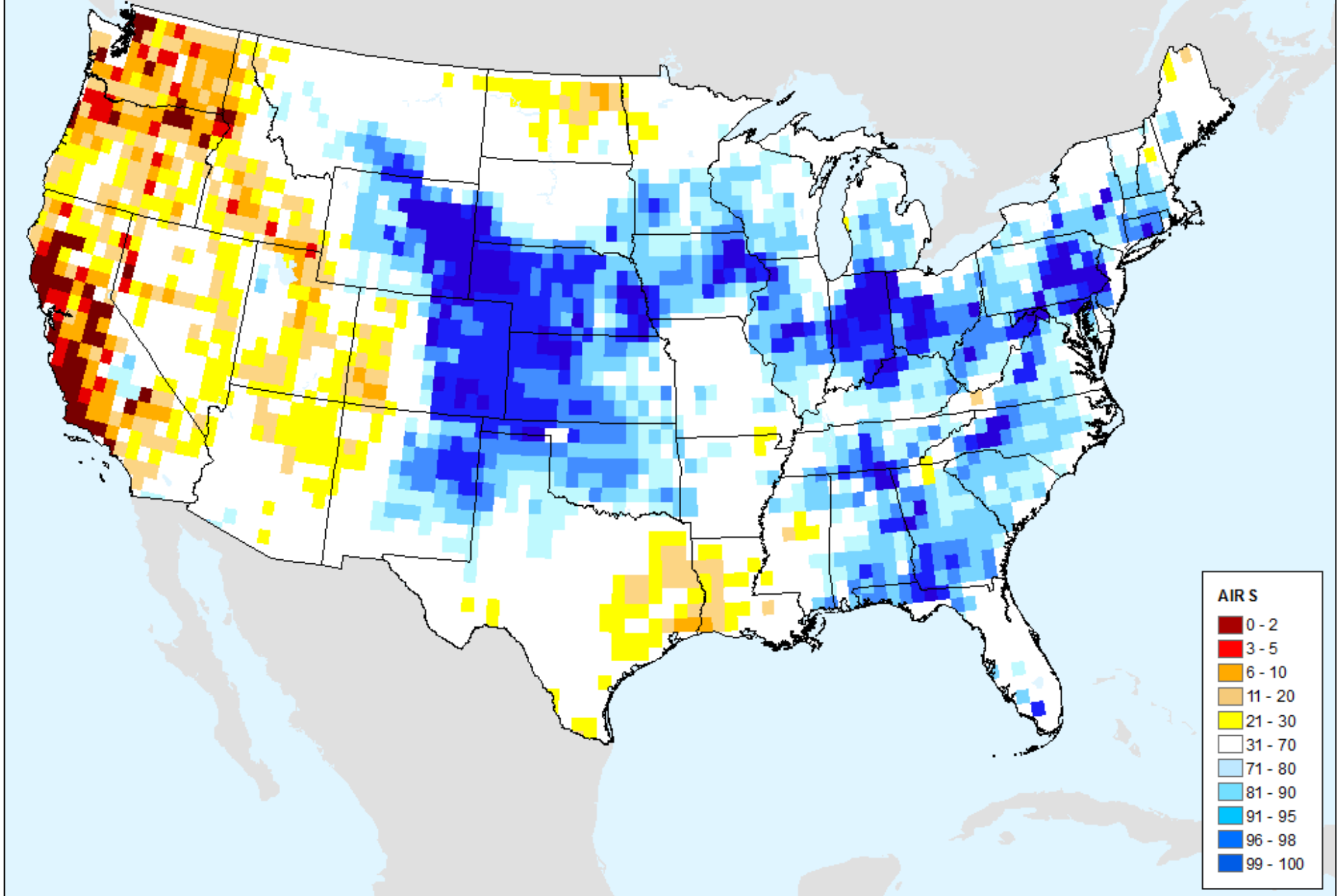
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, August 21, 2018

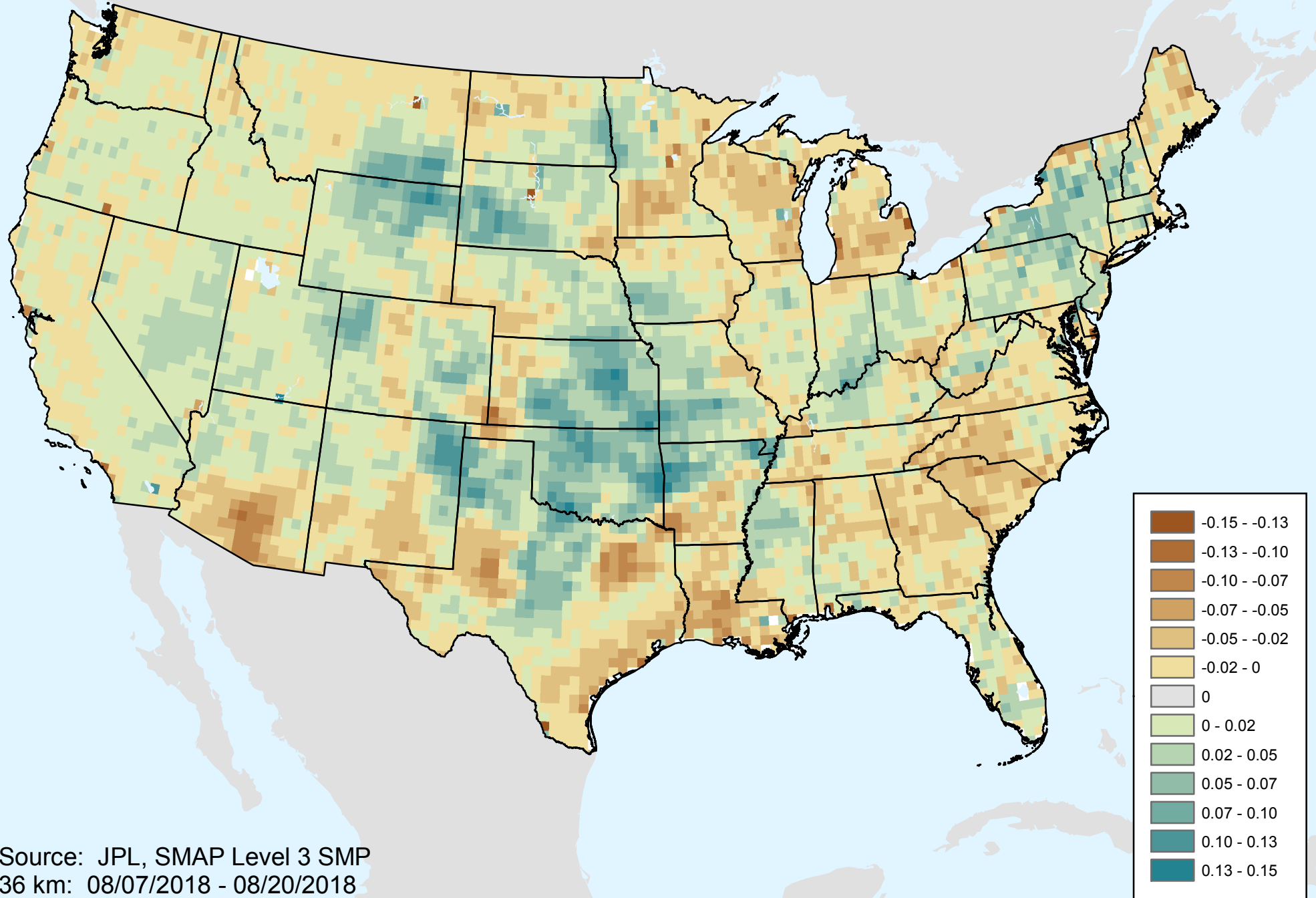


AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, August 21, 2018

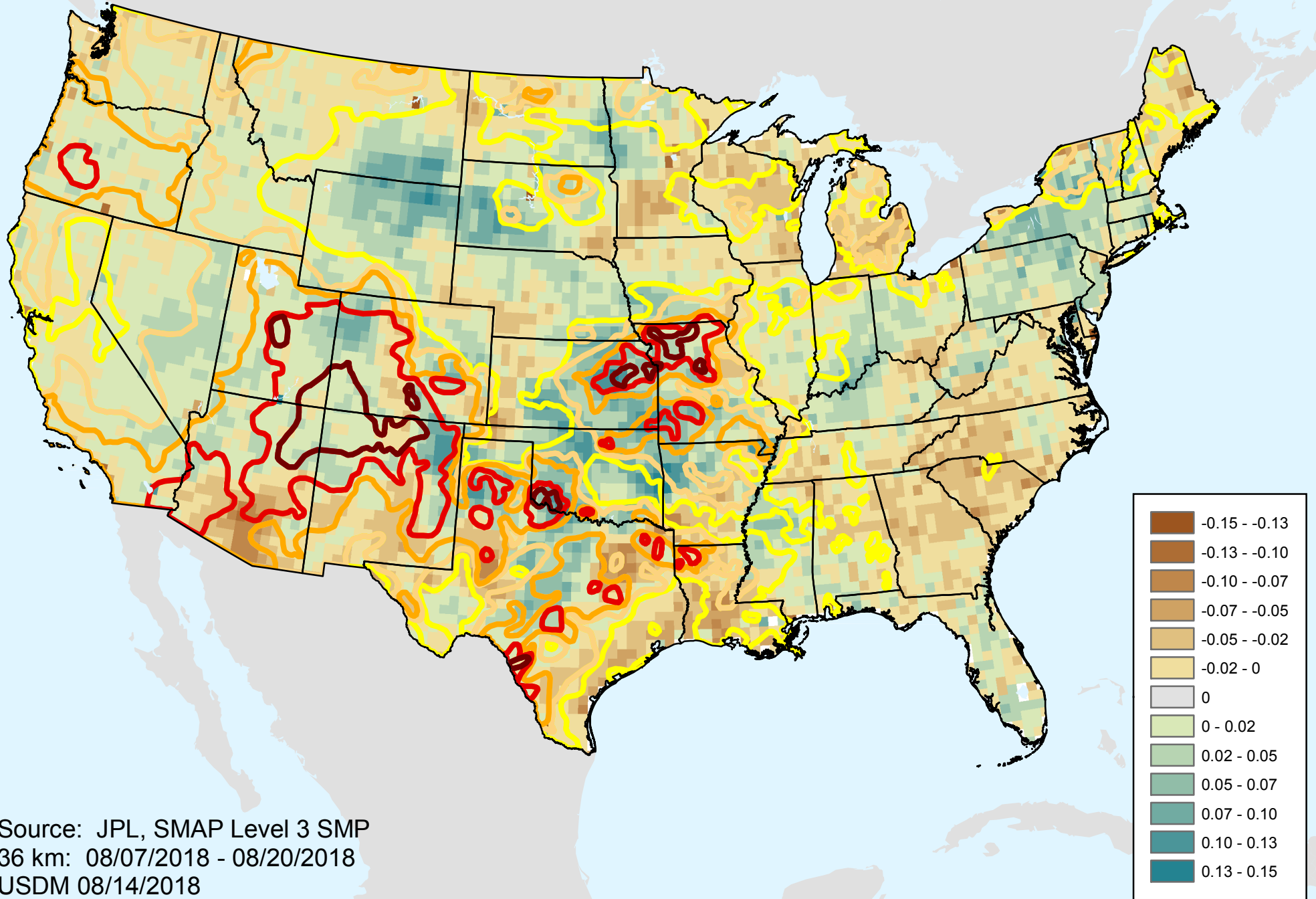


SMAP 1-Week Change in Soil Moisture 0-5 cm



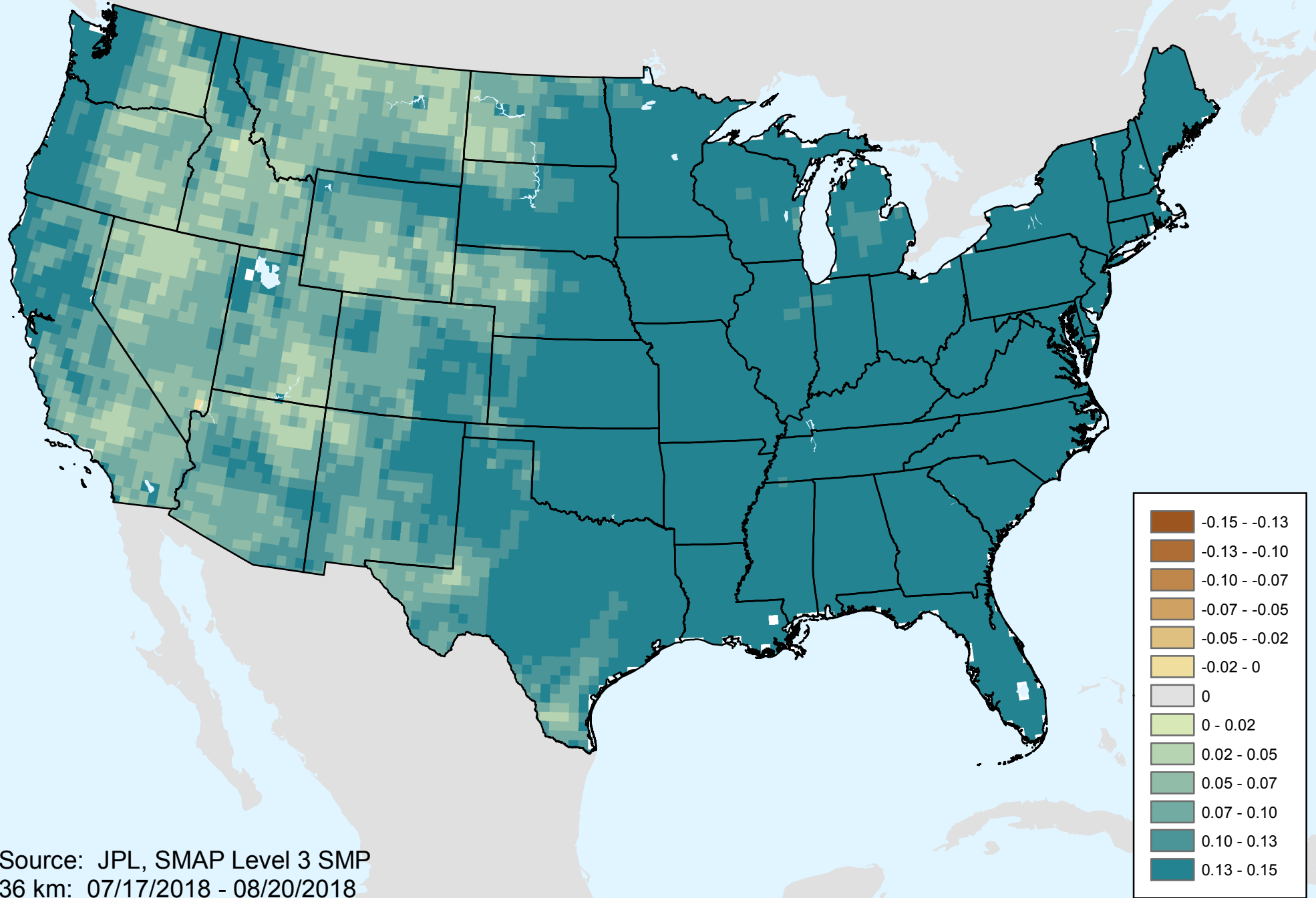
Source: JPL, SMAP Level 3 SMP
36 km: 08/07/2018 - 08/20/2018

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



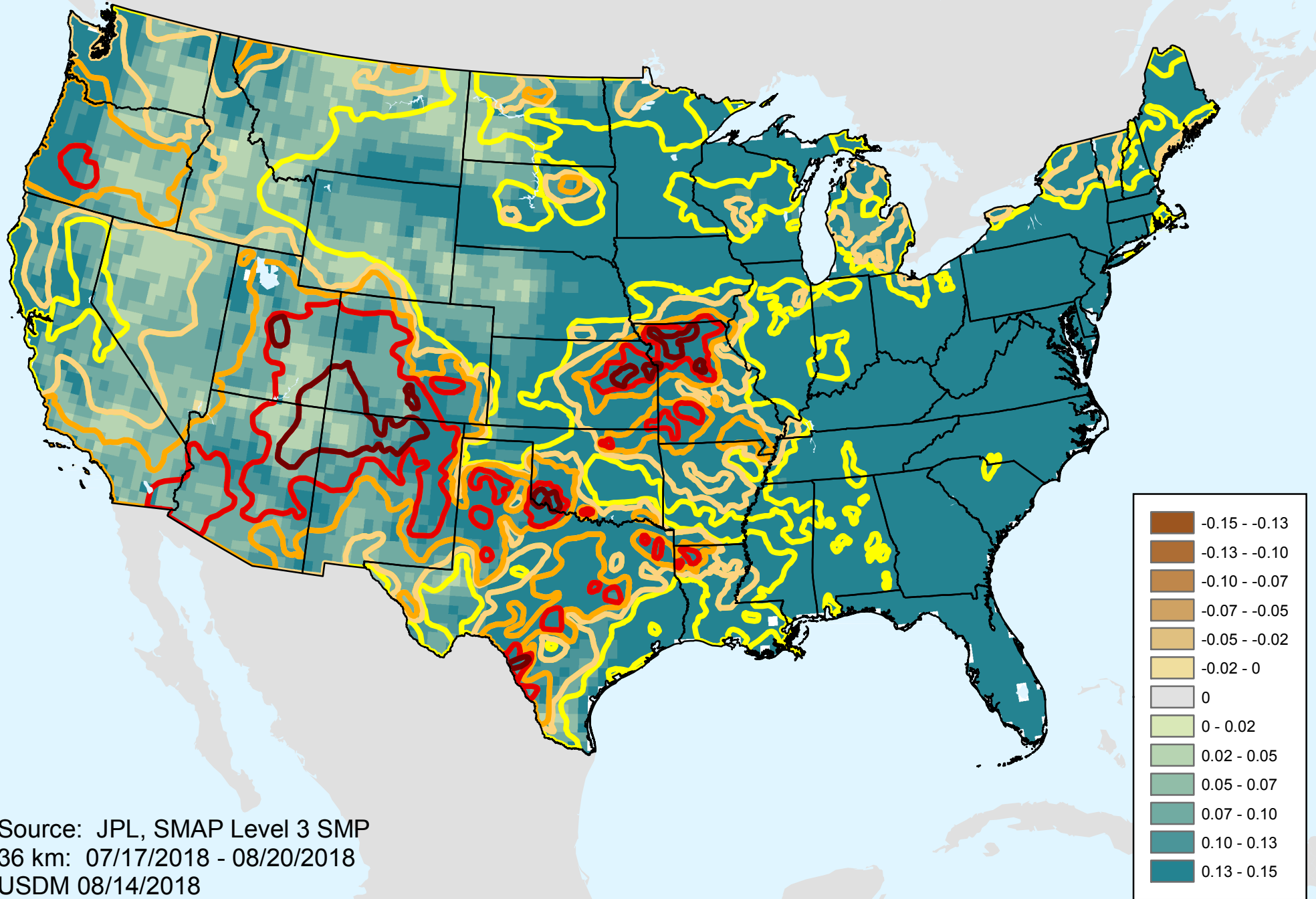
Source: JPL, SMAP Level 3 SMP
36 km: 08/07/2018 - 08/20/2018
USDM 08/14/2018

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

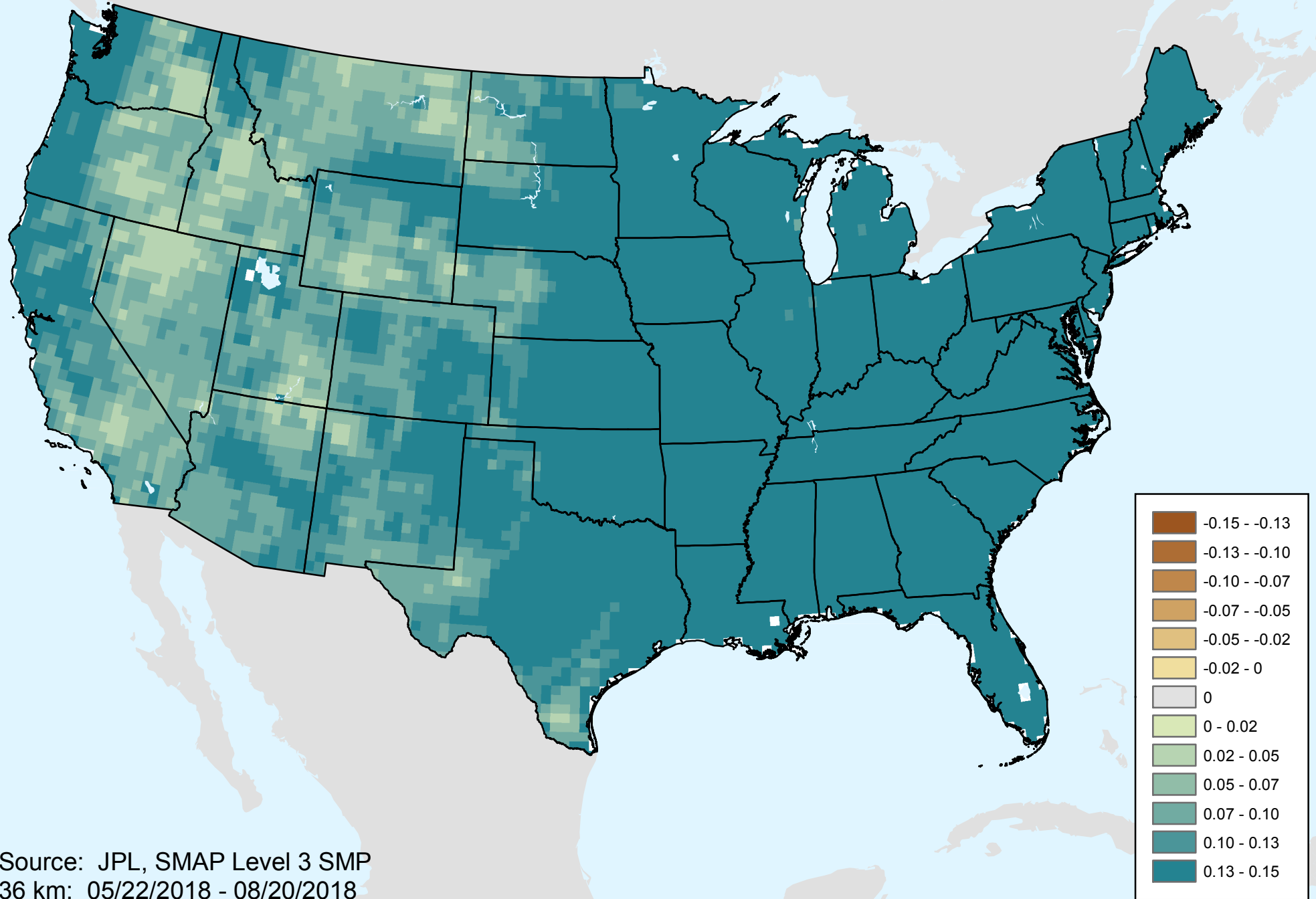


Source: JPL, SMAP Level 3 SMP
36 km: 07/17/2018 - 08/20/2018

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

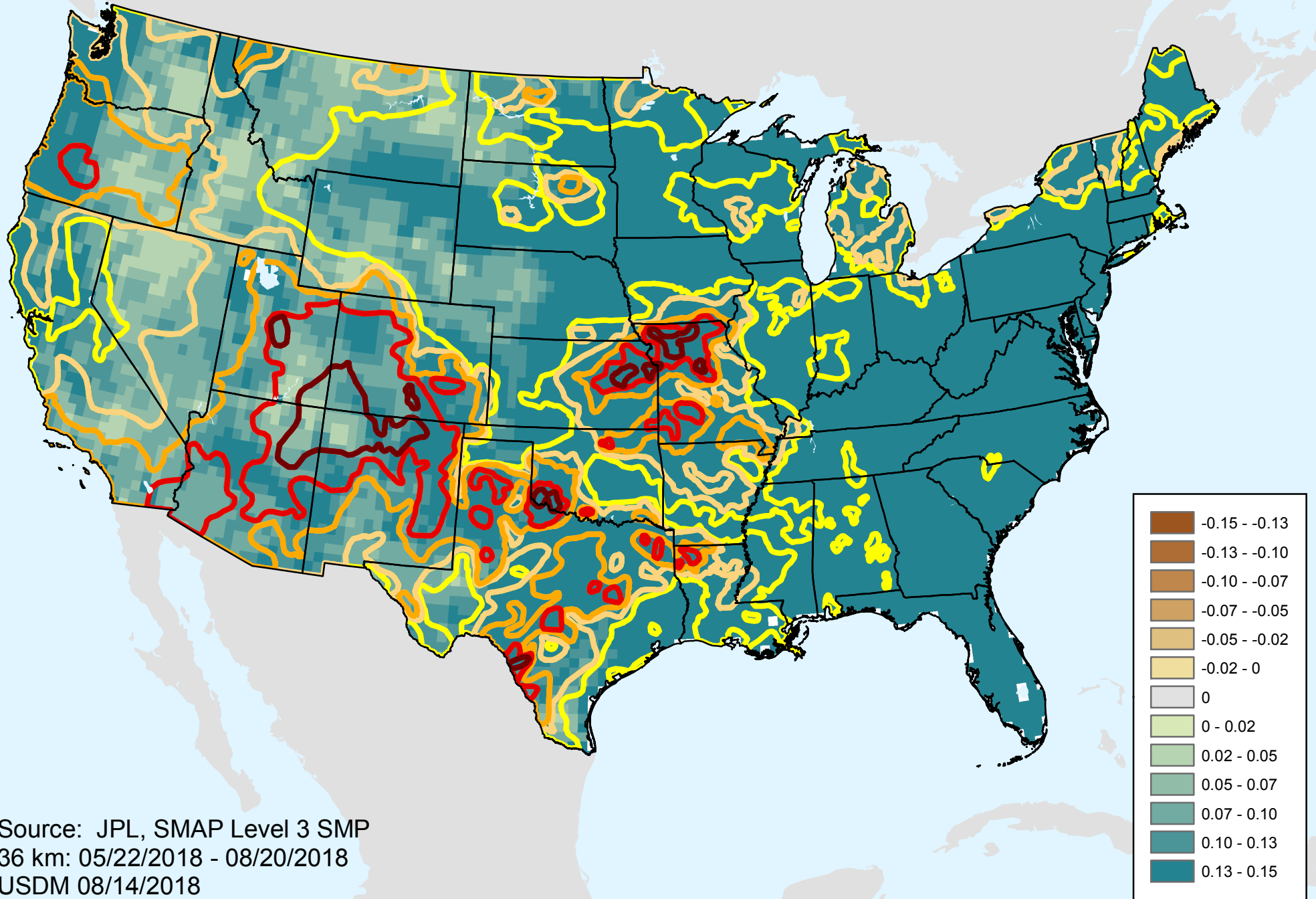


SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP
36 km: 05/22/2018 - 08/20/2018

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



Source: JPL, SMAP Level 3 SMP
36 km: 05/22/2018 - 08/20/2018
USDM 08/14/2018