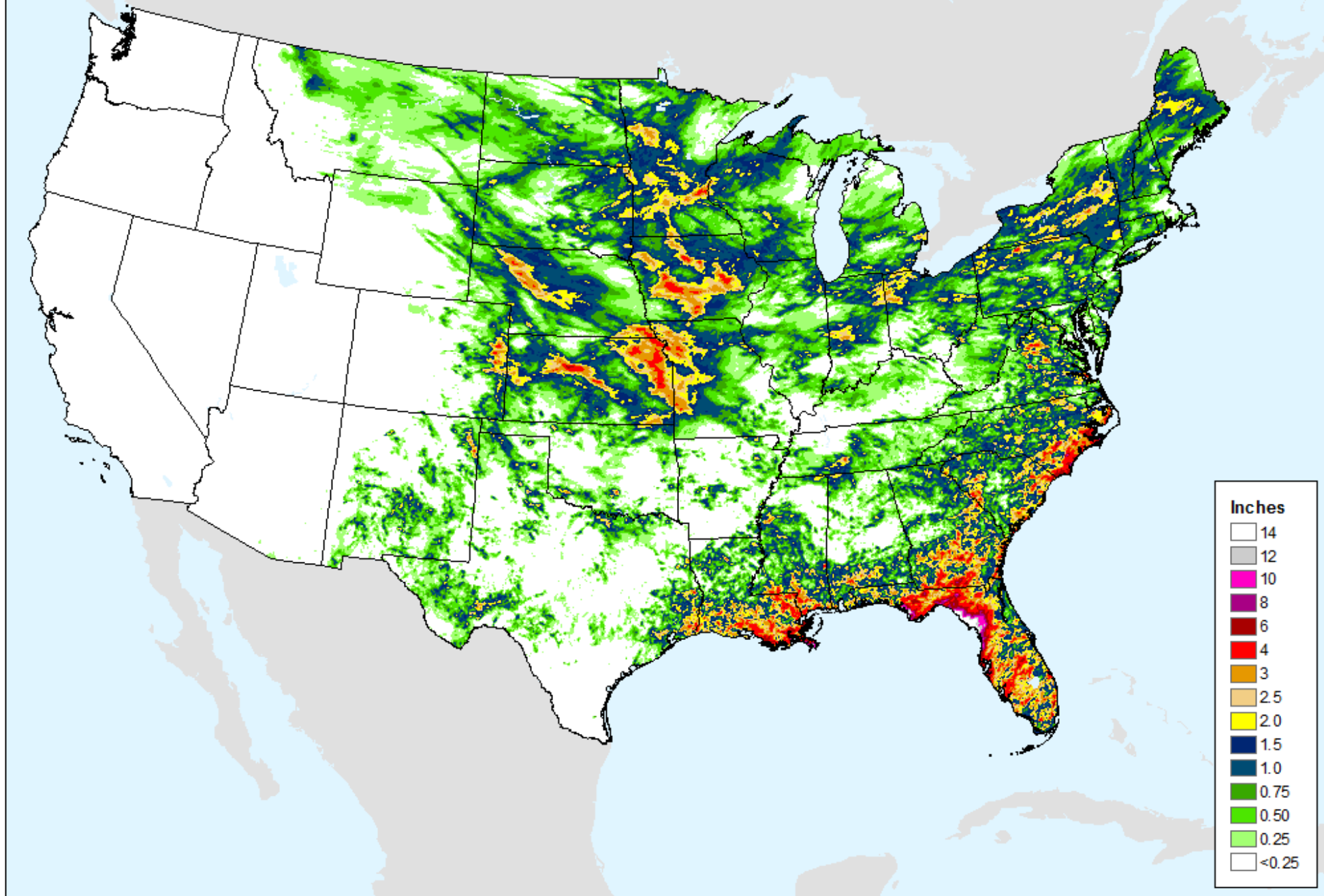


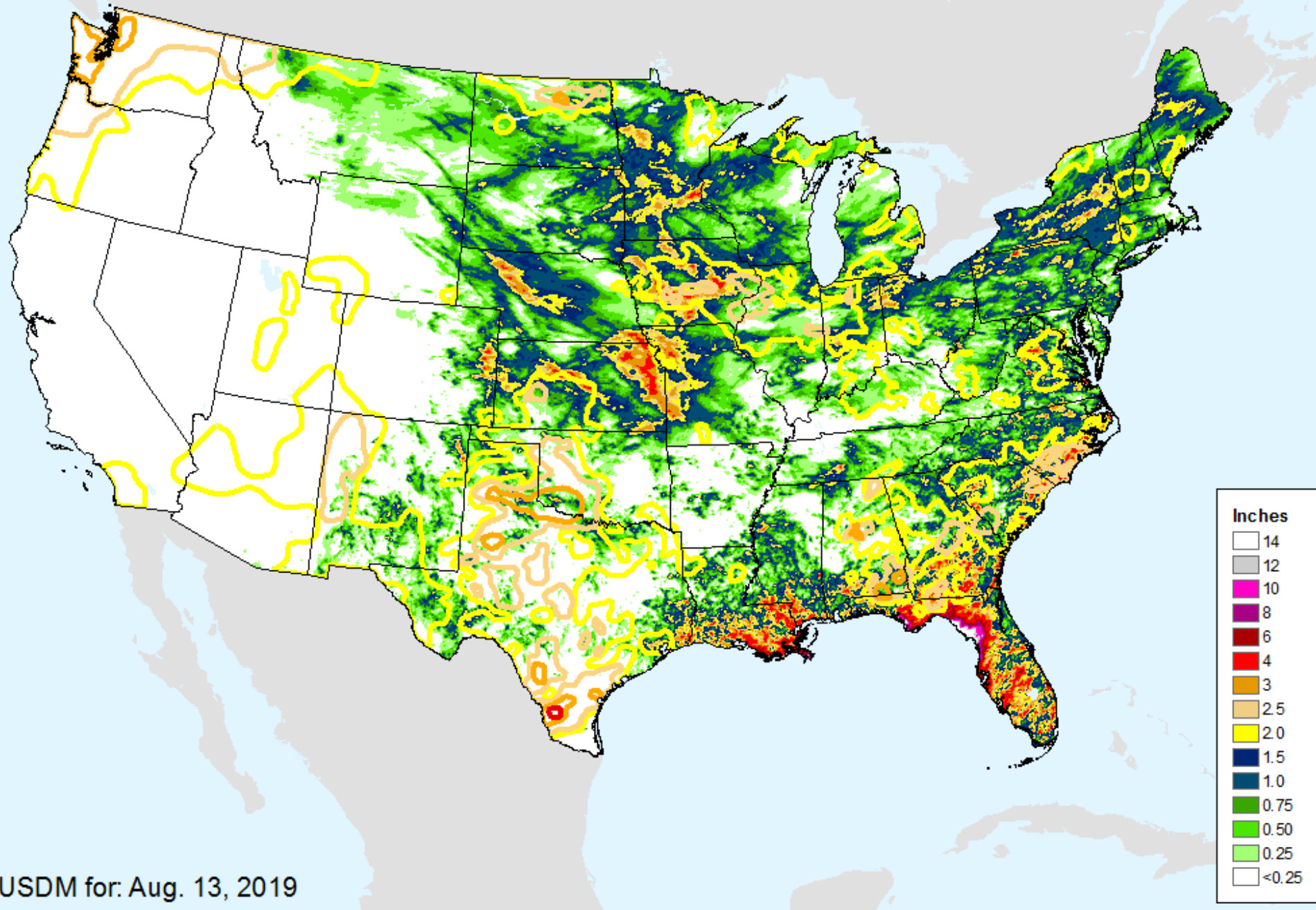
AHPS 7-Day Precipitation

As of: Tuesday, August 20, 2019



AHPS 7-Day Precipitation

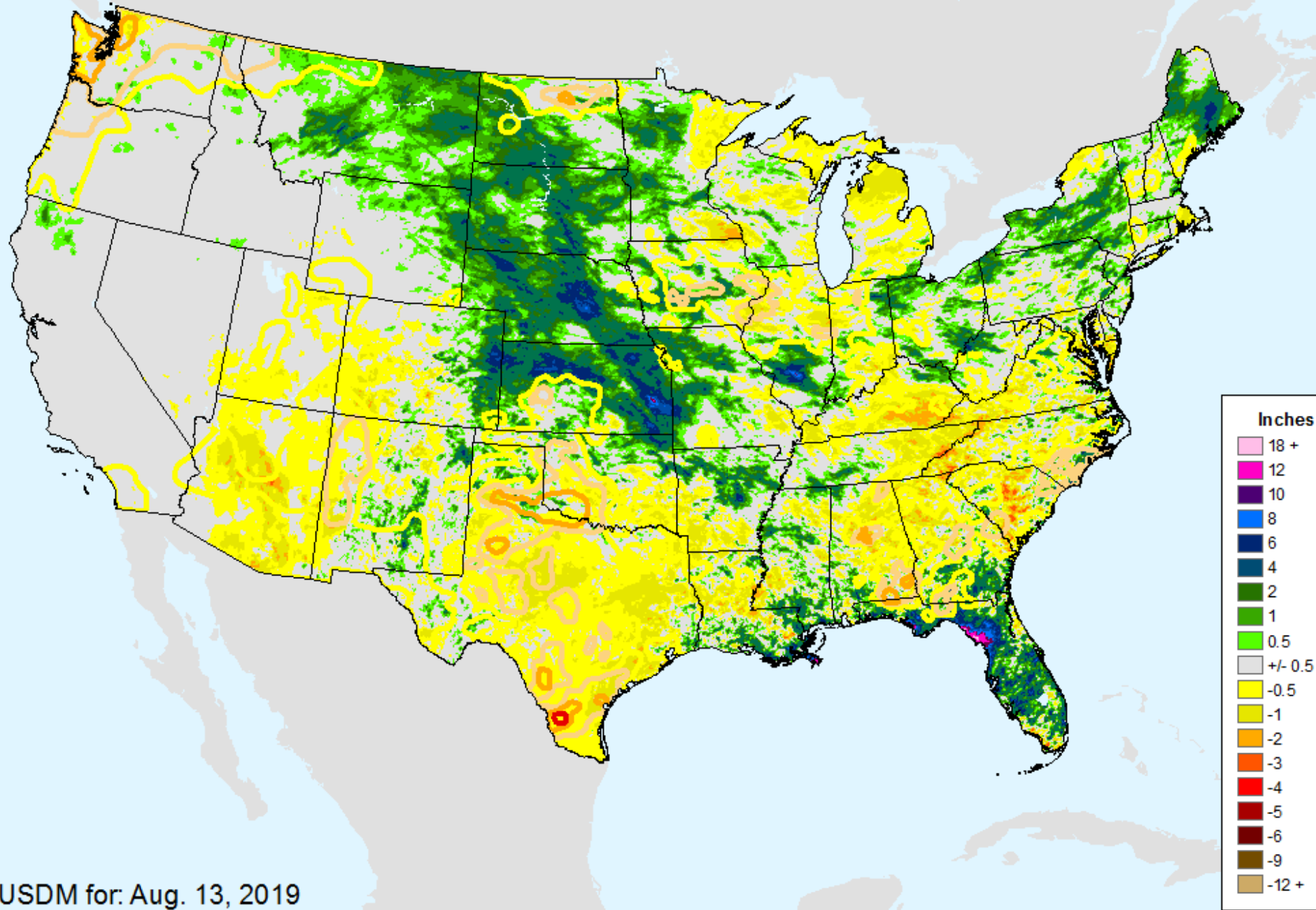
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

AHPS 14-Day Precip Departure

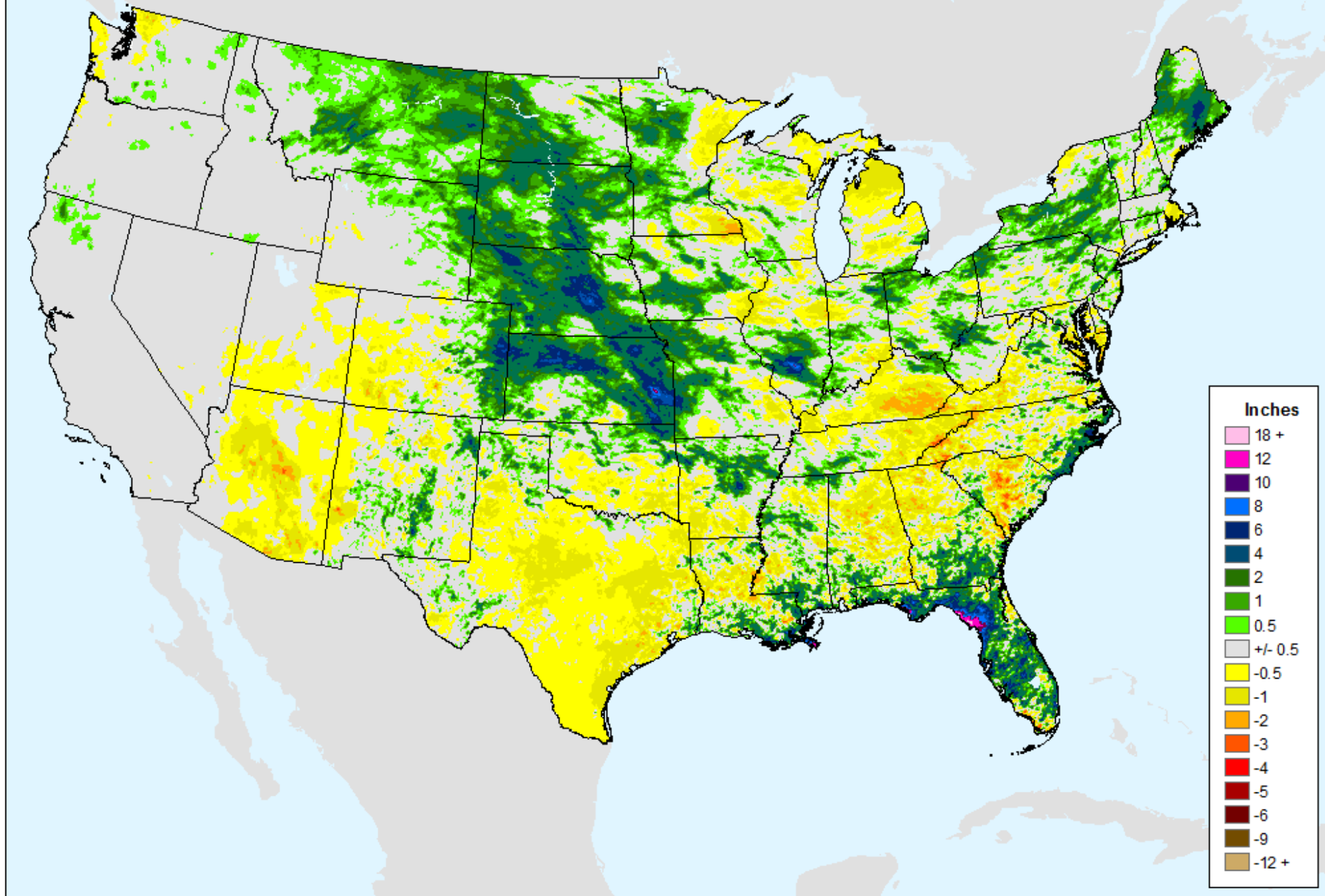
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

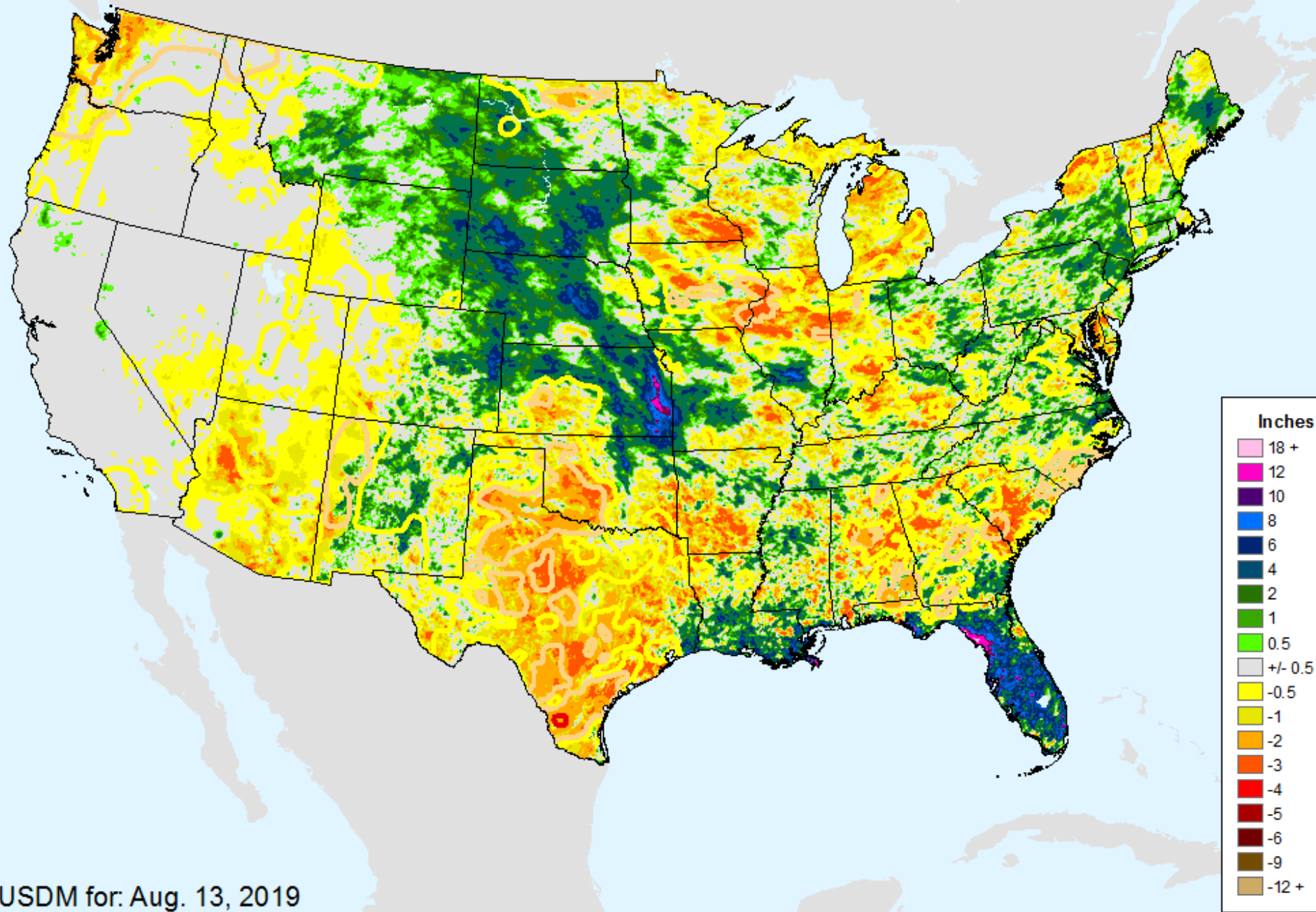
AHPS 14-Day Precip Departure

As of: Tuesday, August 20, 2019



AHPS 30-Day Precip Departure

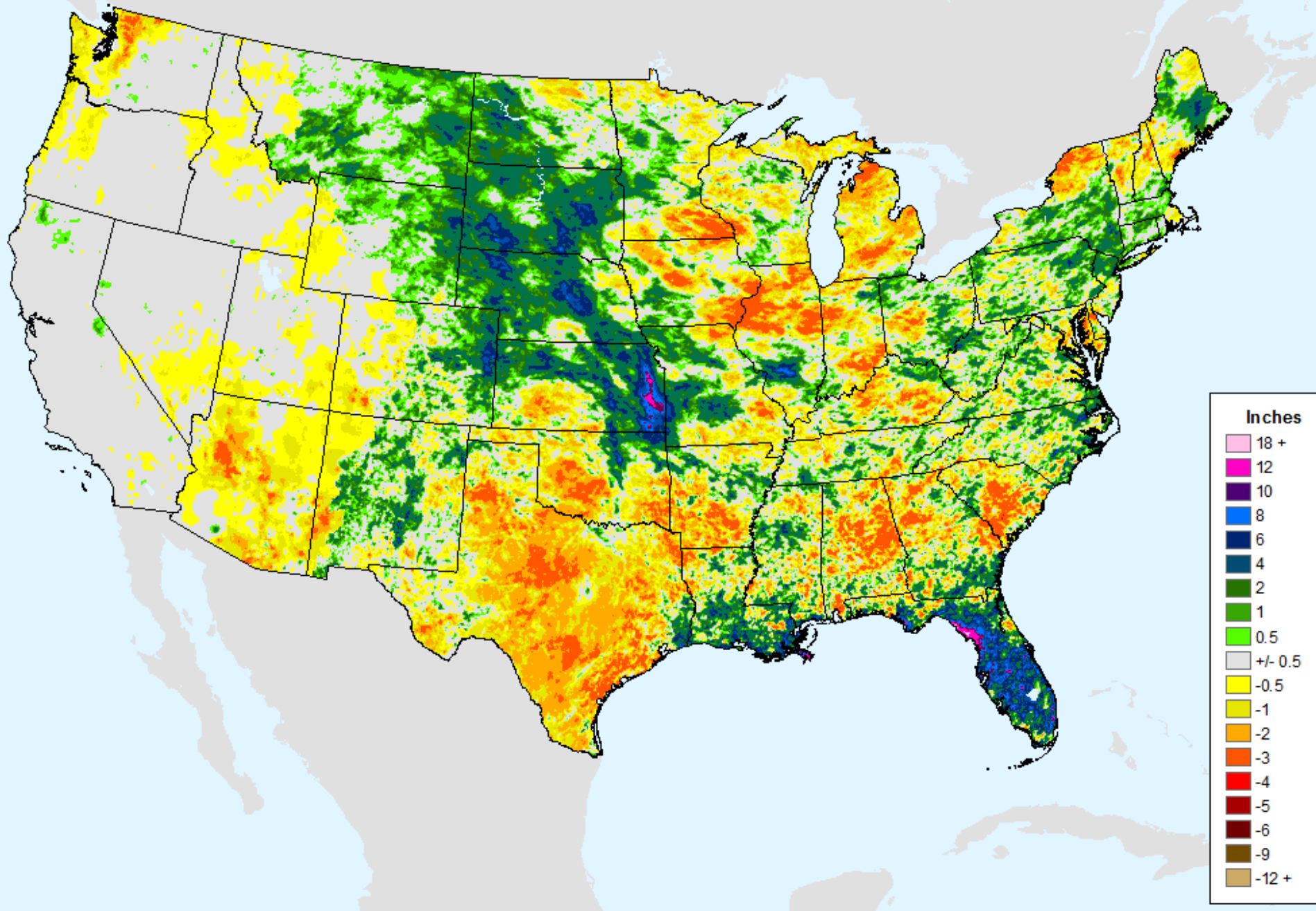
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

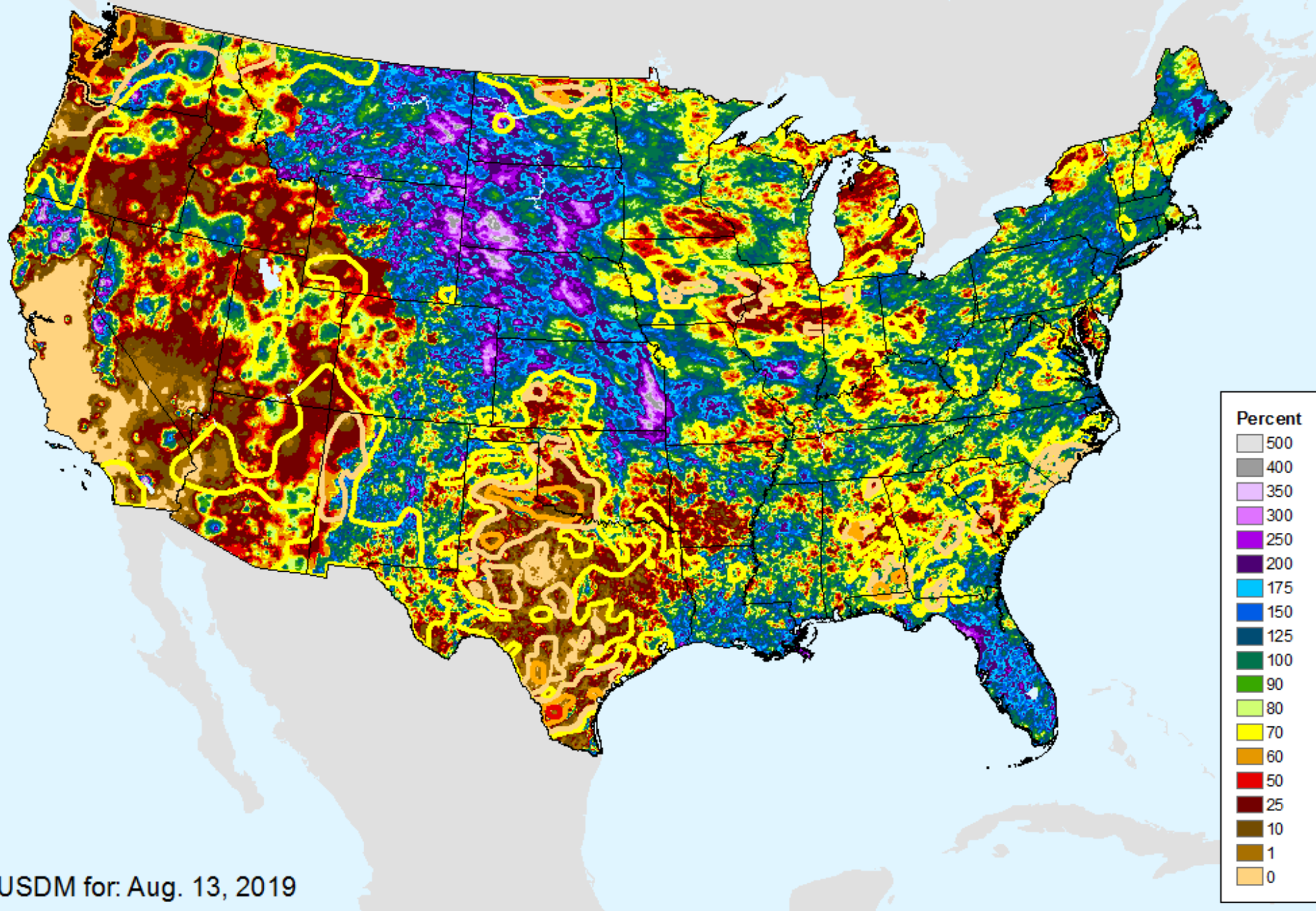
AHPS 30-Day Precip Departure

As of: Tuesday, August 20, 2019



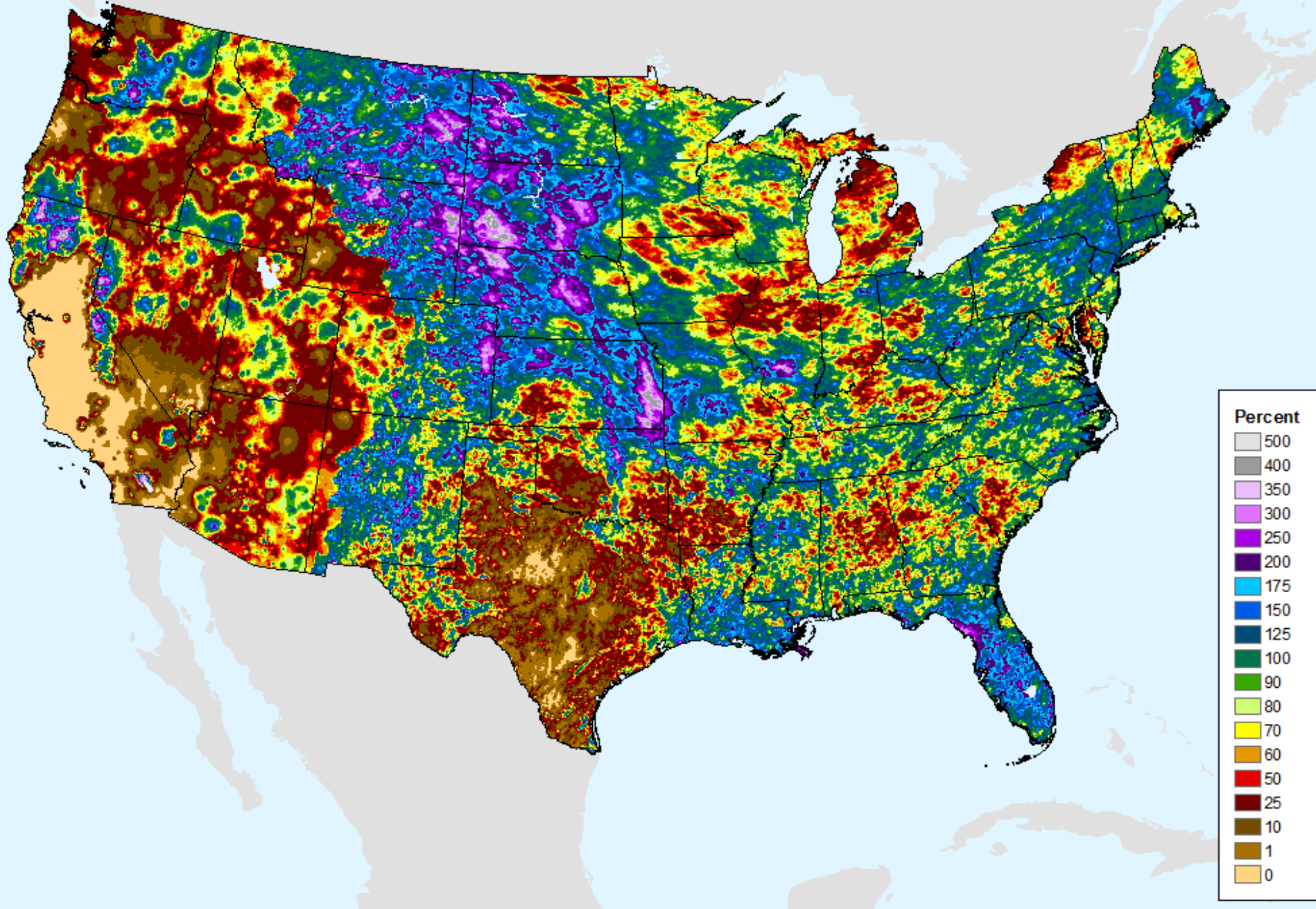
AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, August 20, 2019



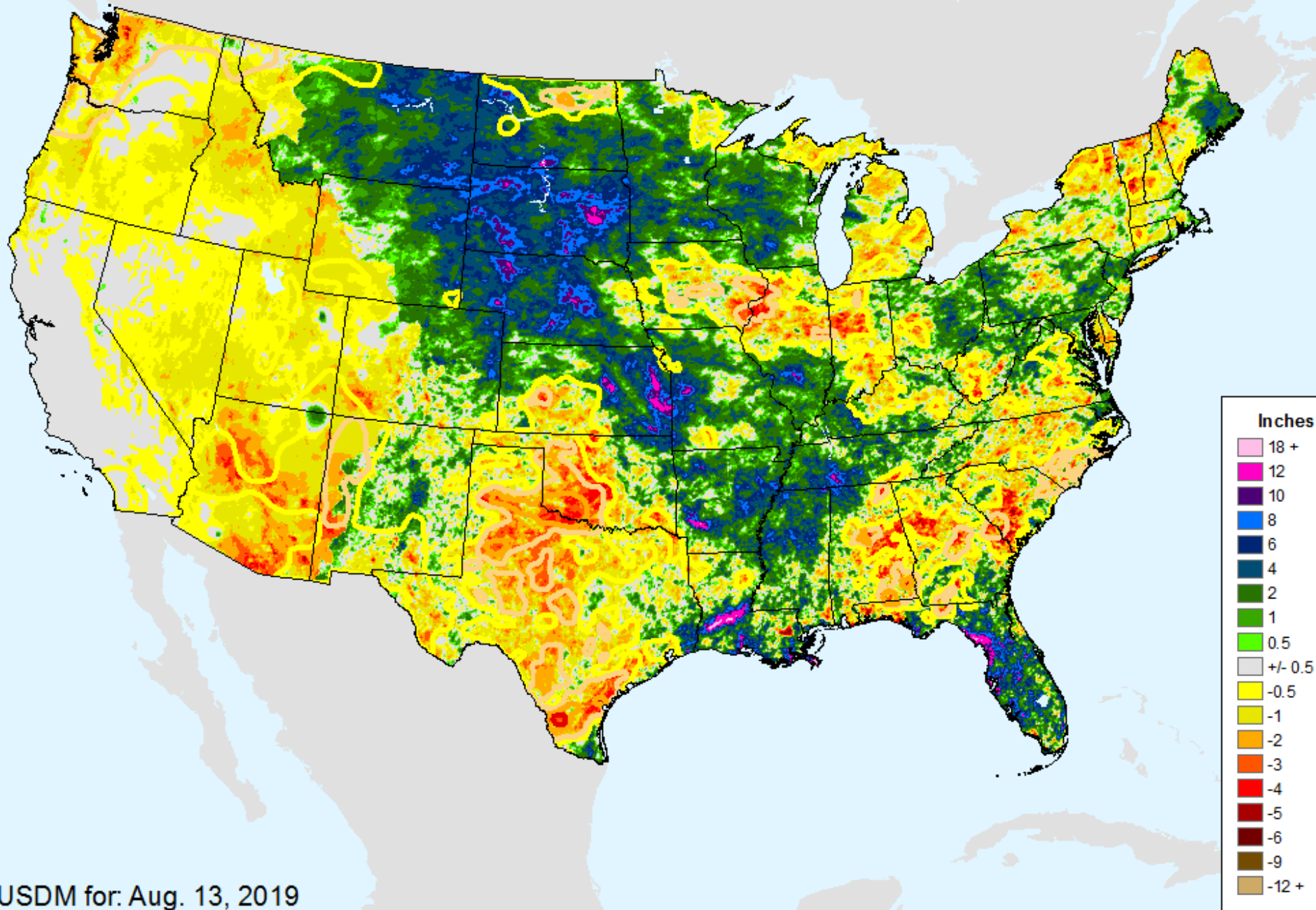
AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, August 20, 2019



AHPS 60-Day Precip Departure

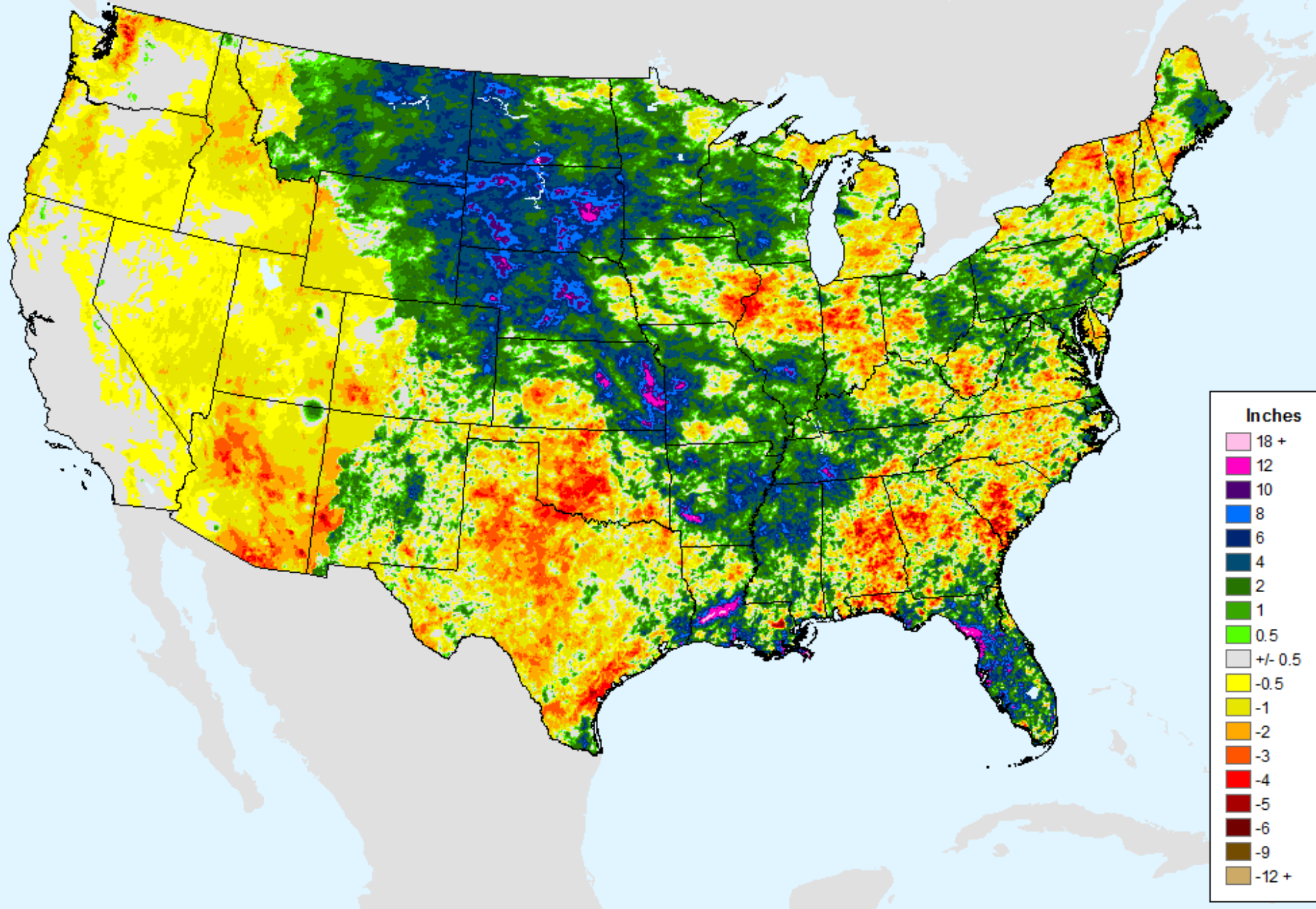
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

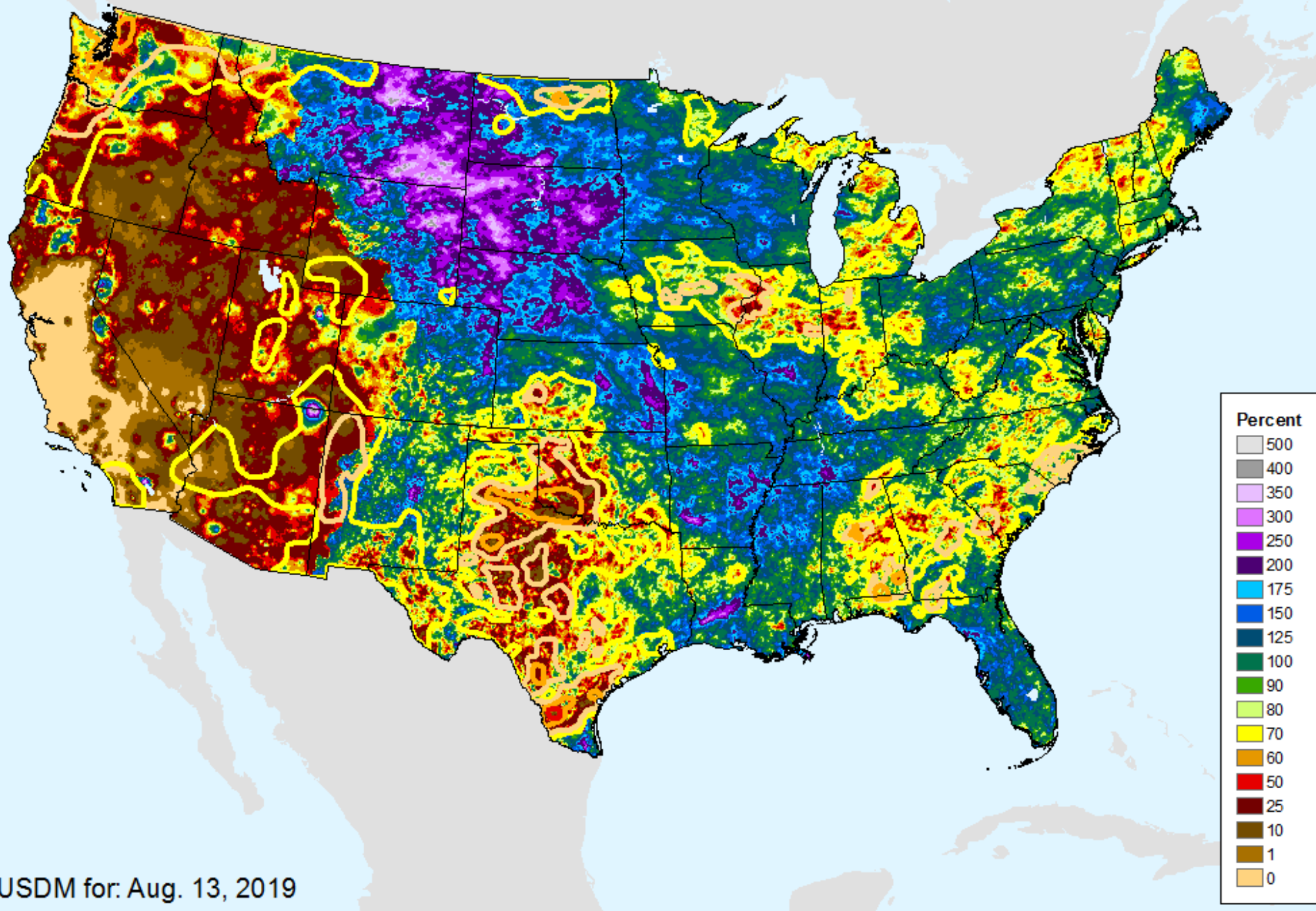
AHPS 60-Day Precip Departure

As of: Tuesday, August 20, 2019



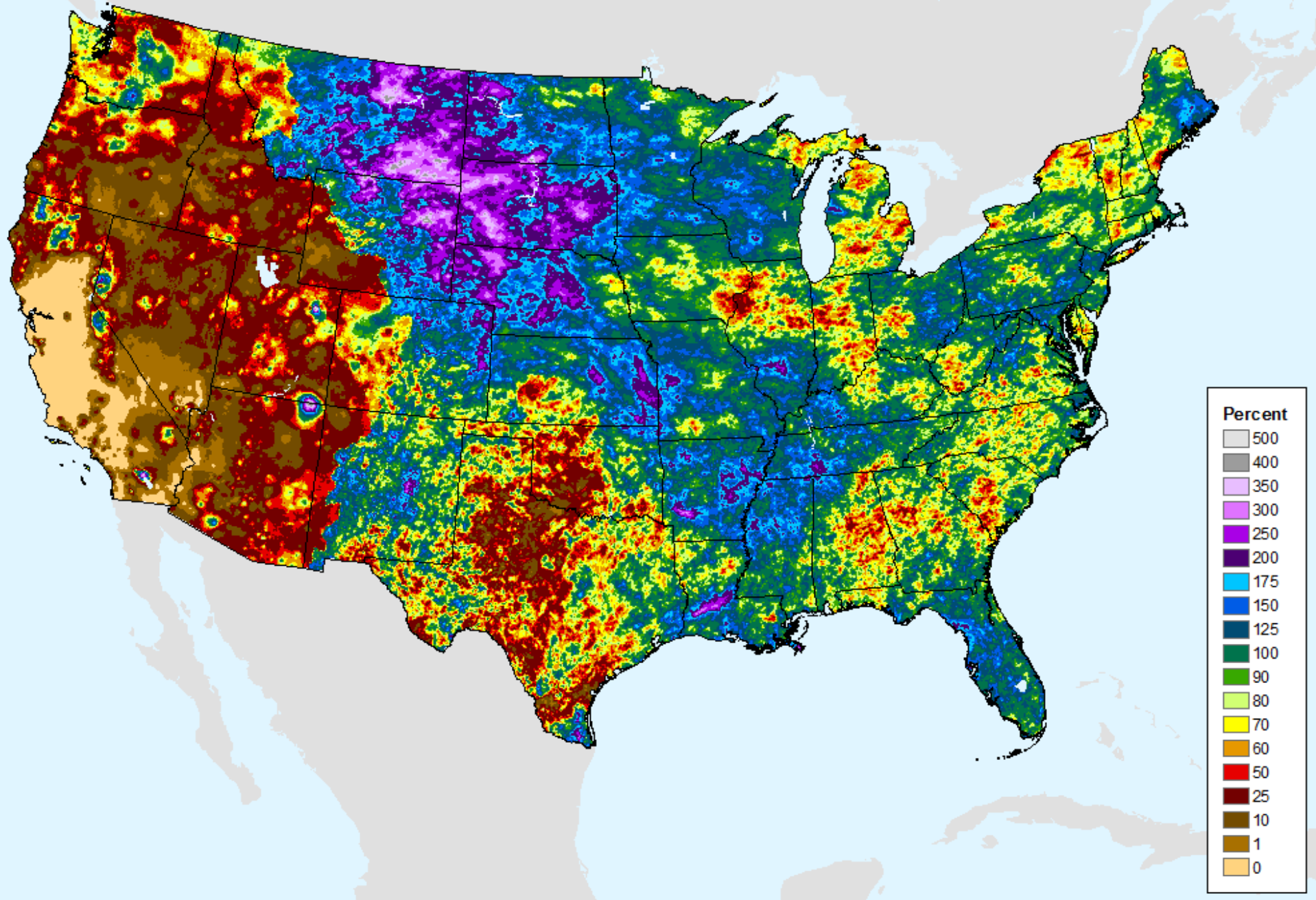
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, August 20, 2019



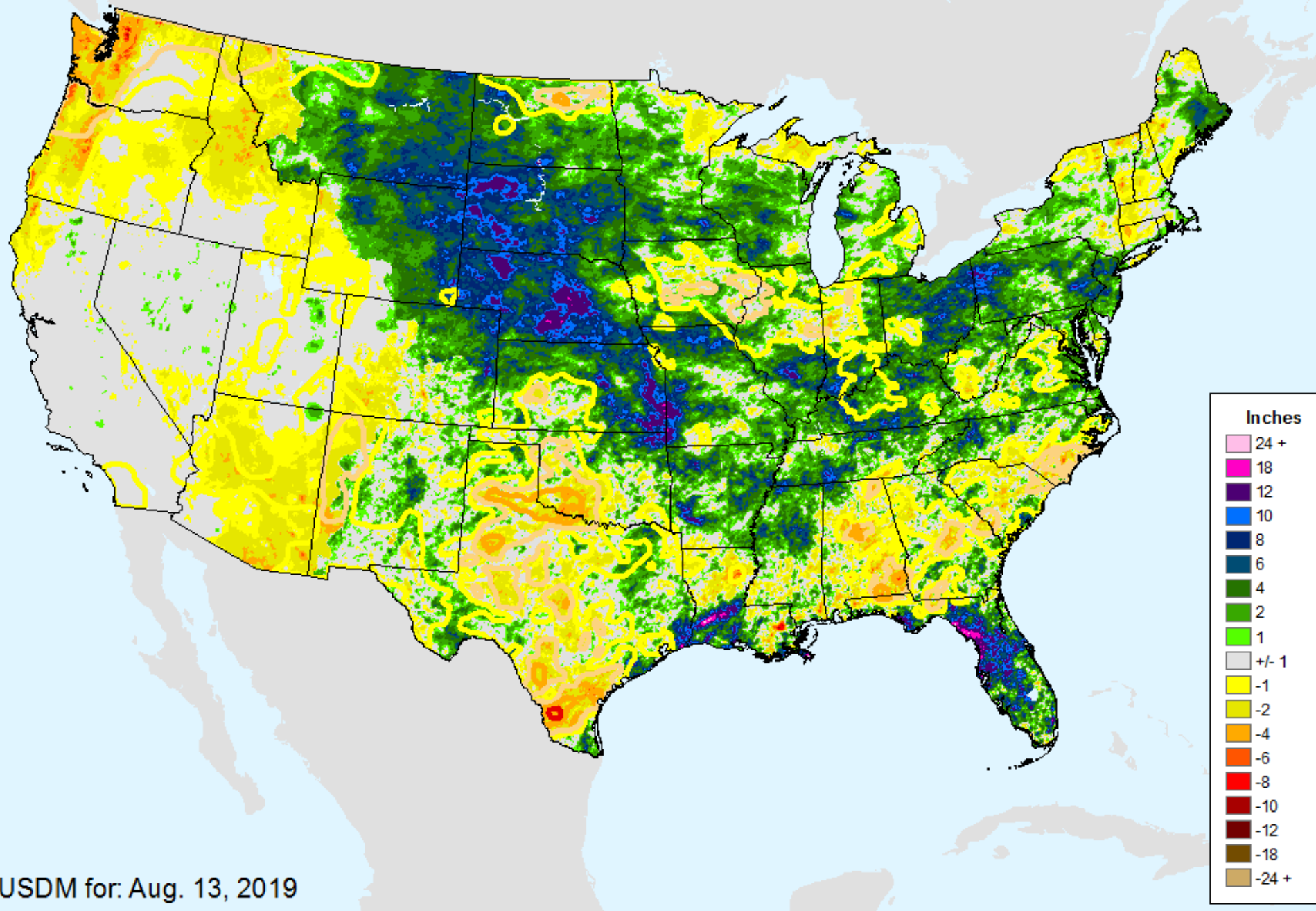
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, August 20, 2019



AHPS 90-Day Precip Departure

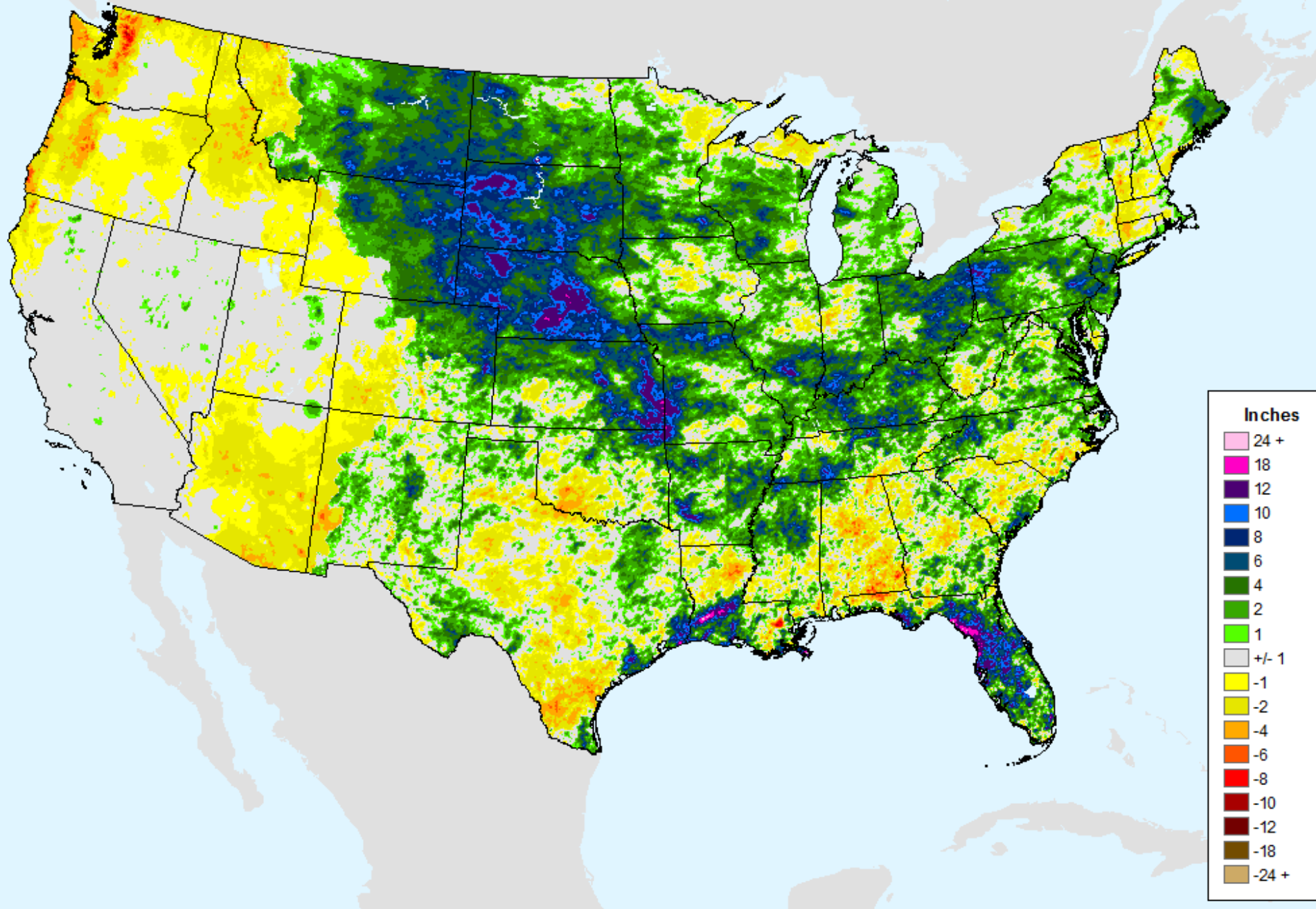
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

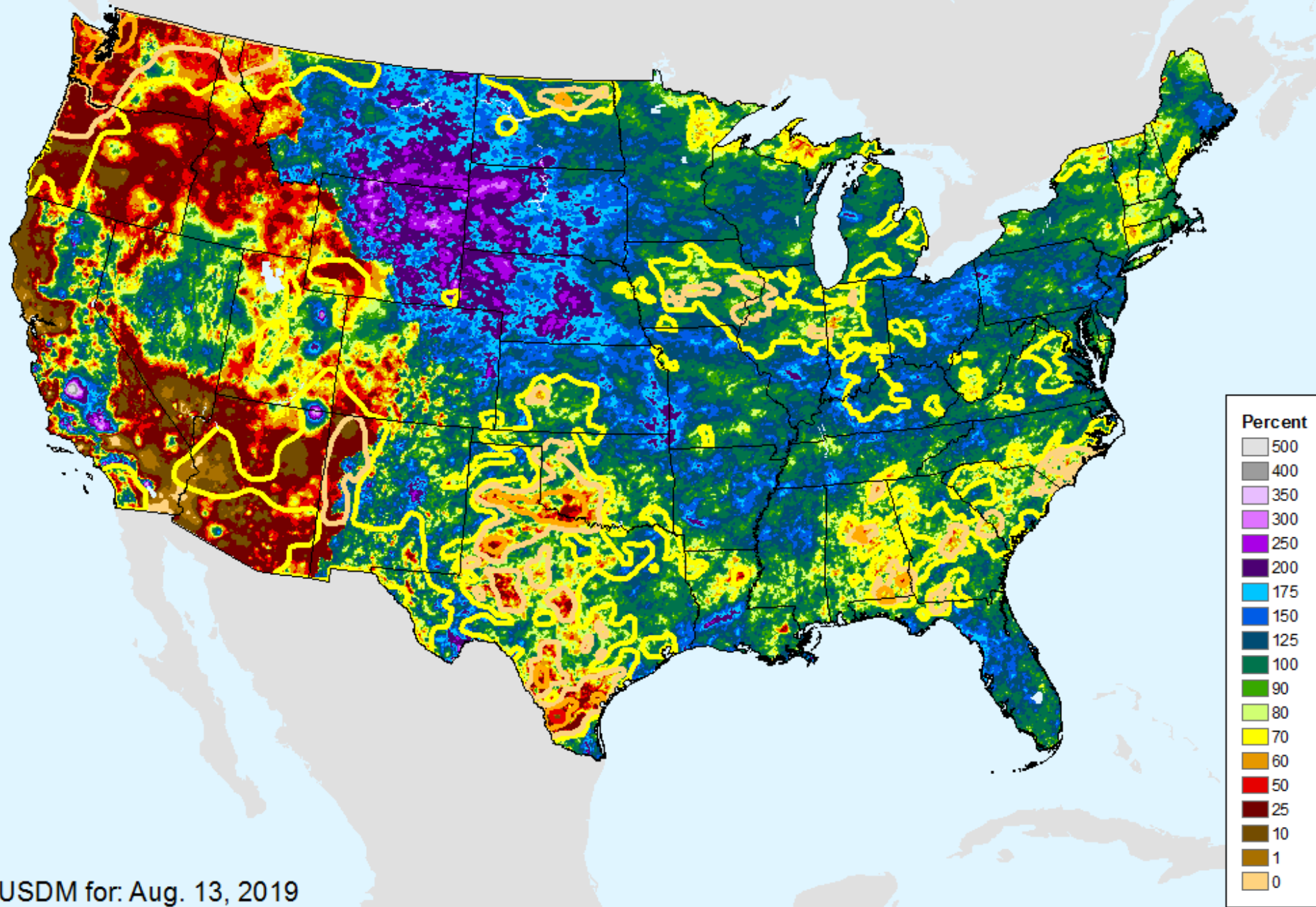
AHPS 90-Day Precip Departure

As of: Tuesday, August 20, 2019



AHPS 90-Day Pct of Normal Pcp

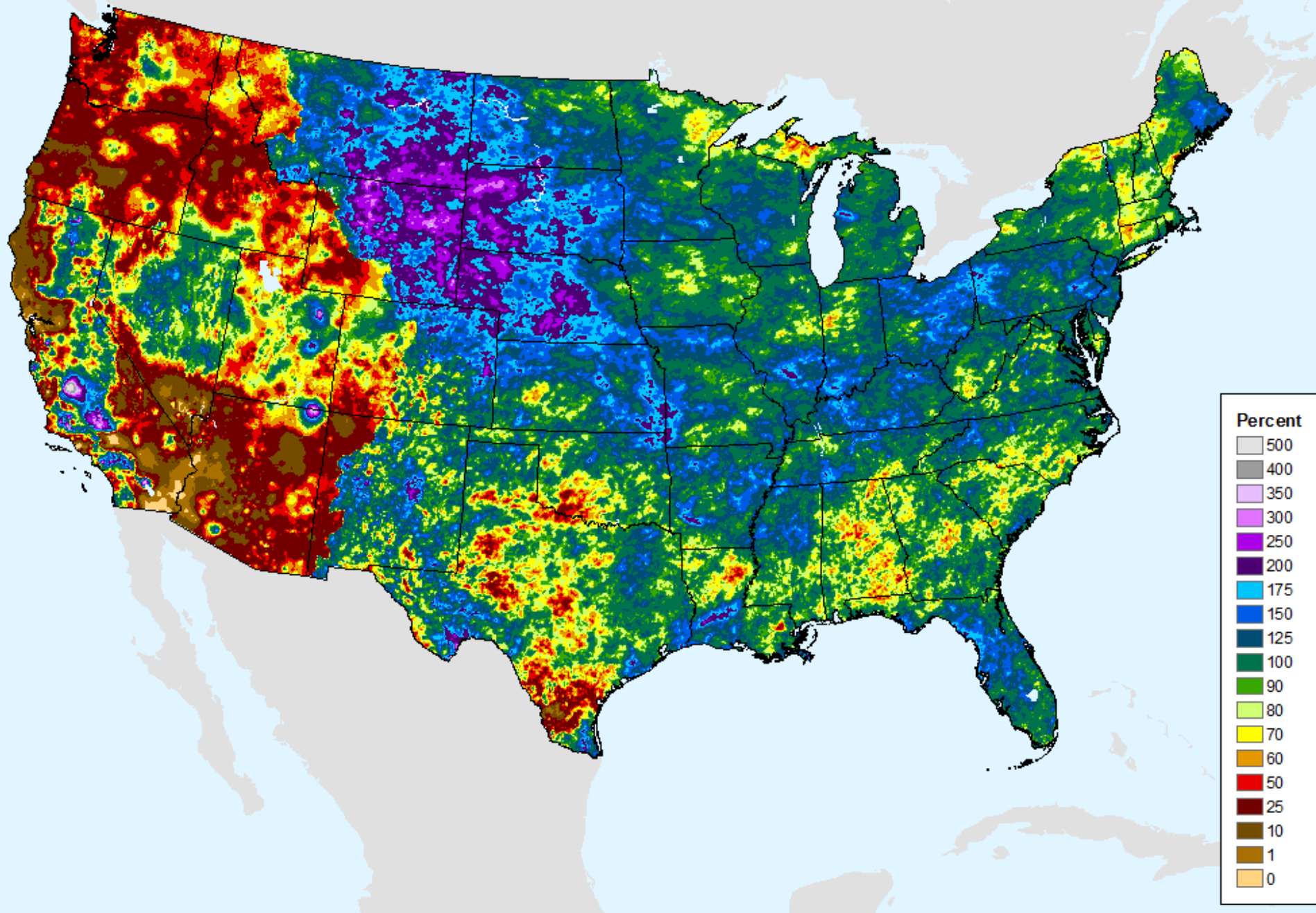
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

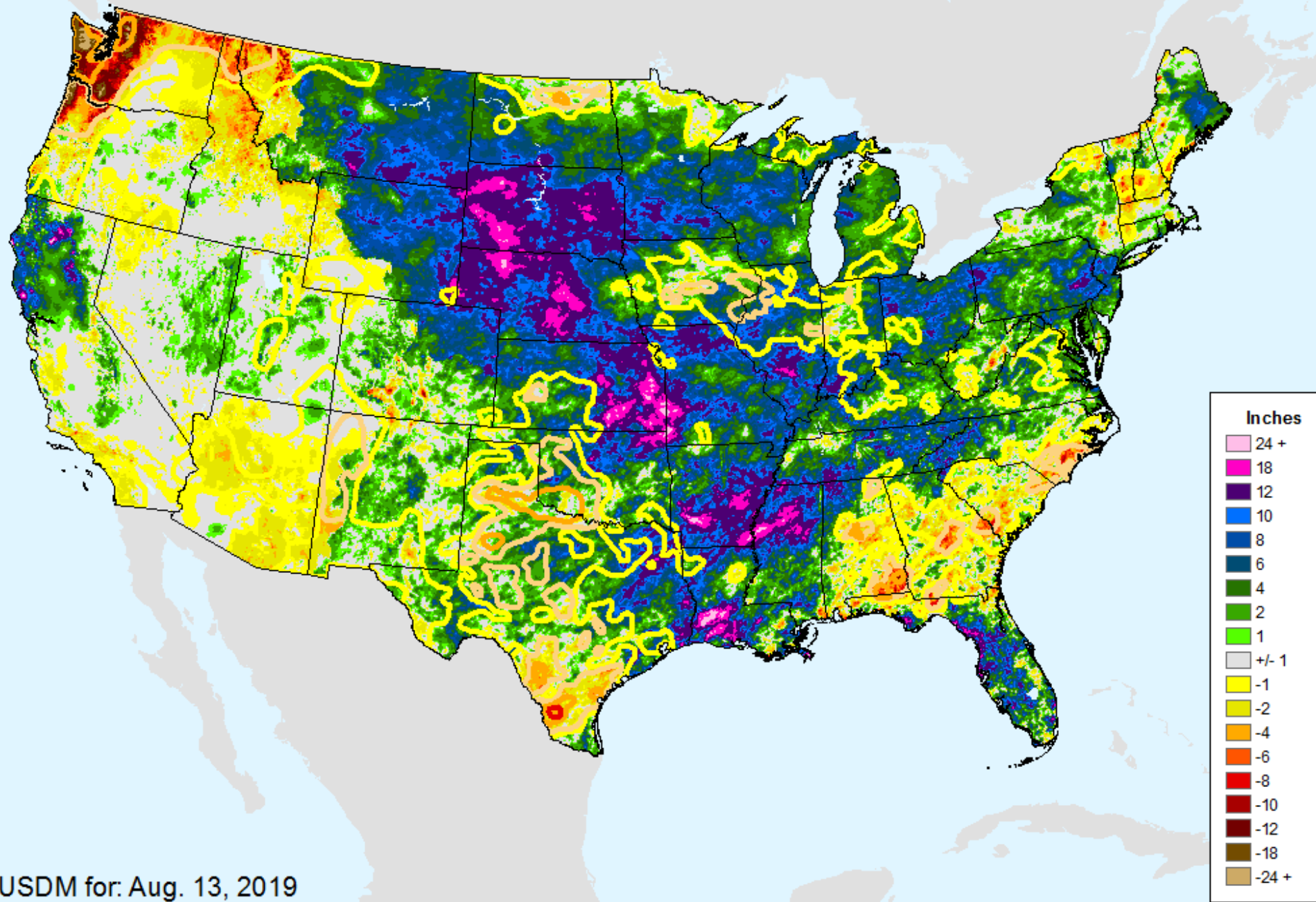
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, August 20, 2019



AHPS 180-Day Precip Departure

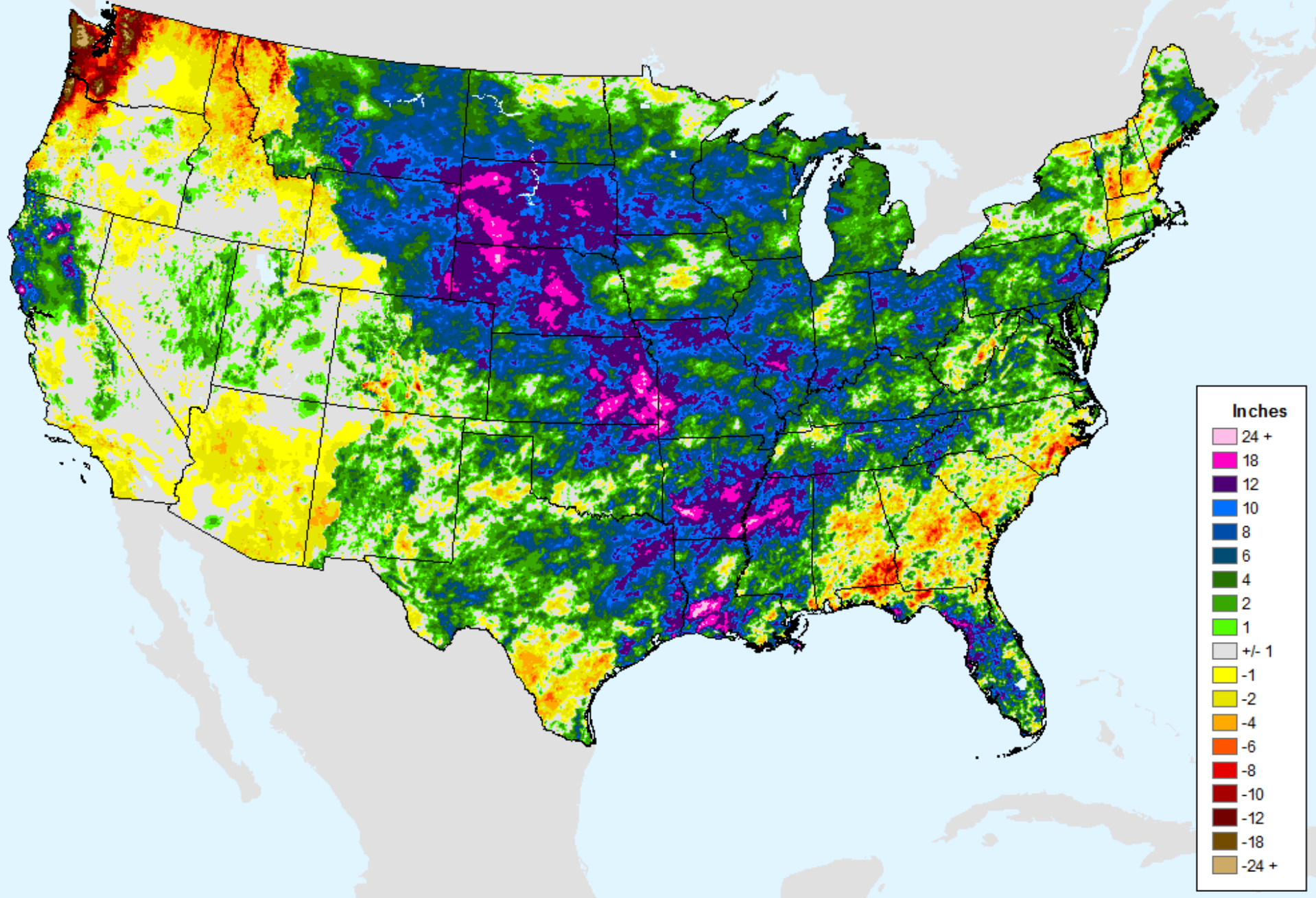
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

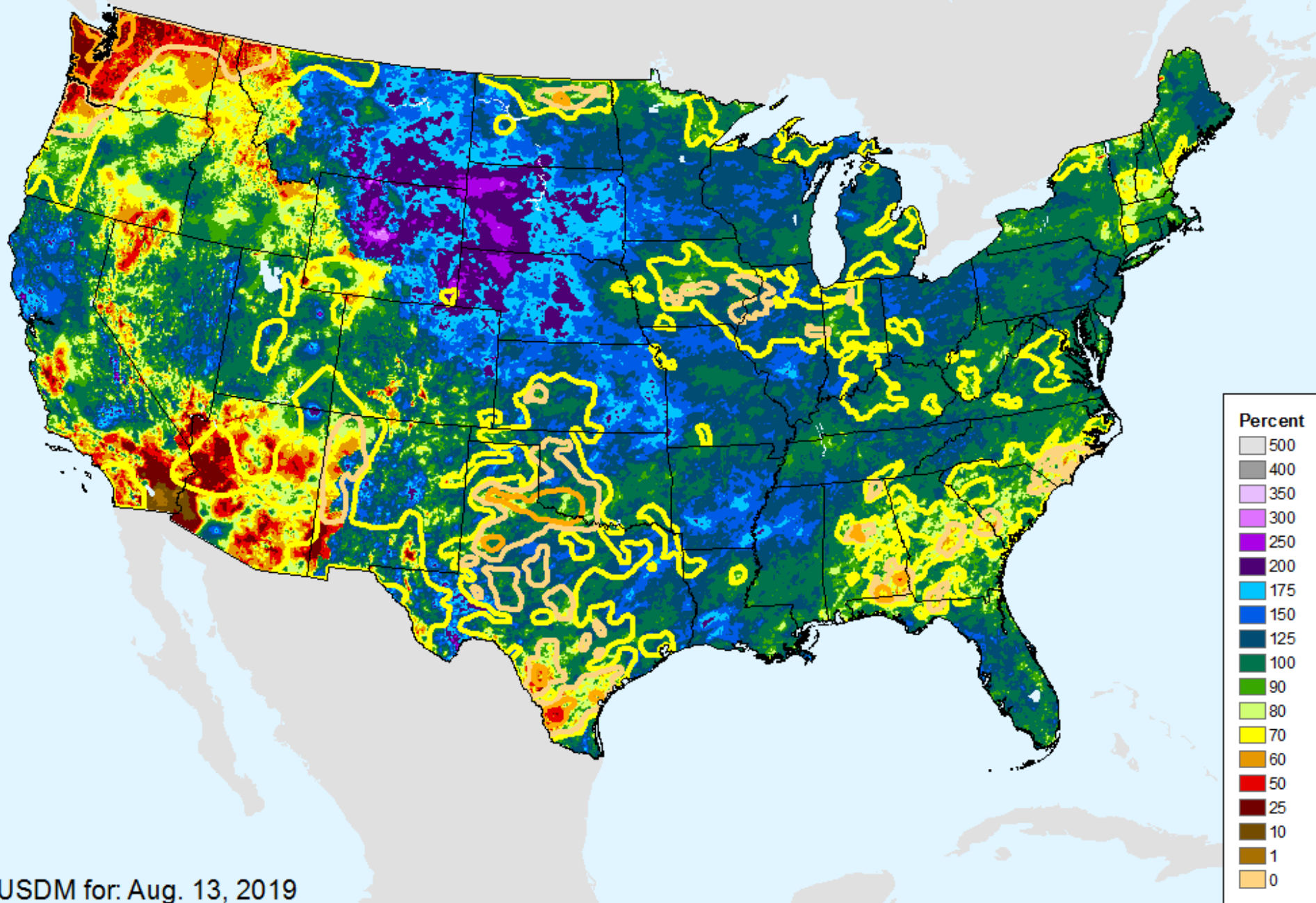
AHPS 180-Day Precip Departure

As of: Tuesday, August 20, 2019



AHPS 180-Day Pct of Normal Pcp

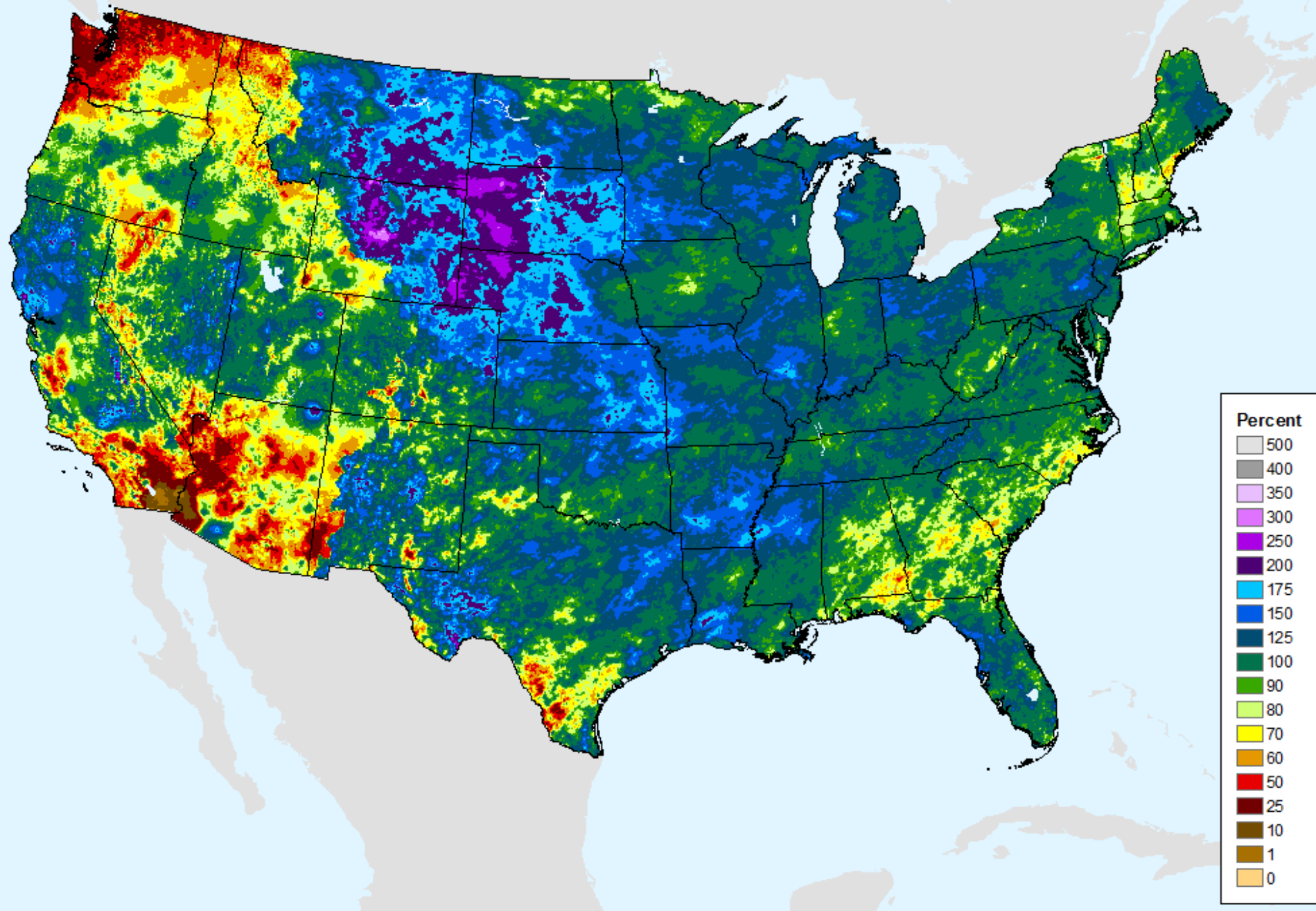
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

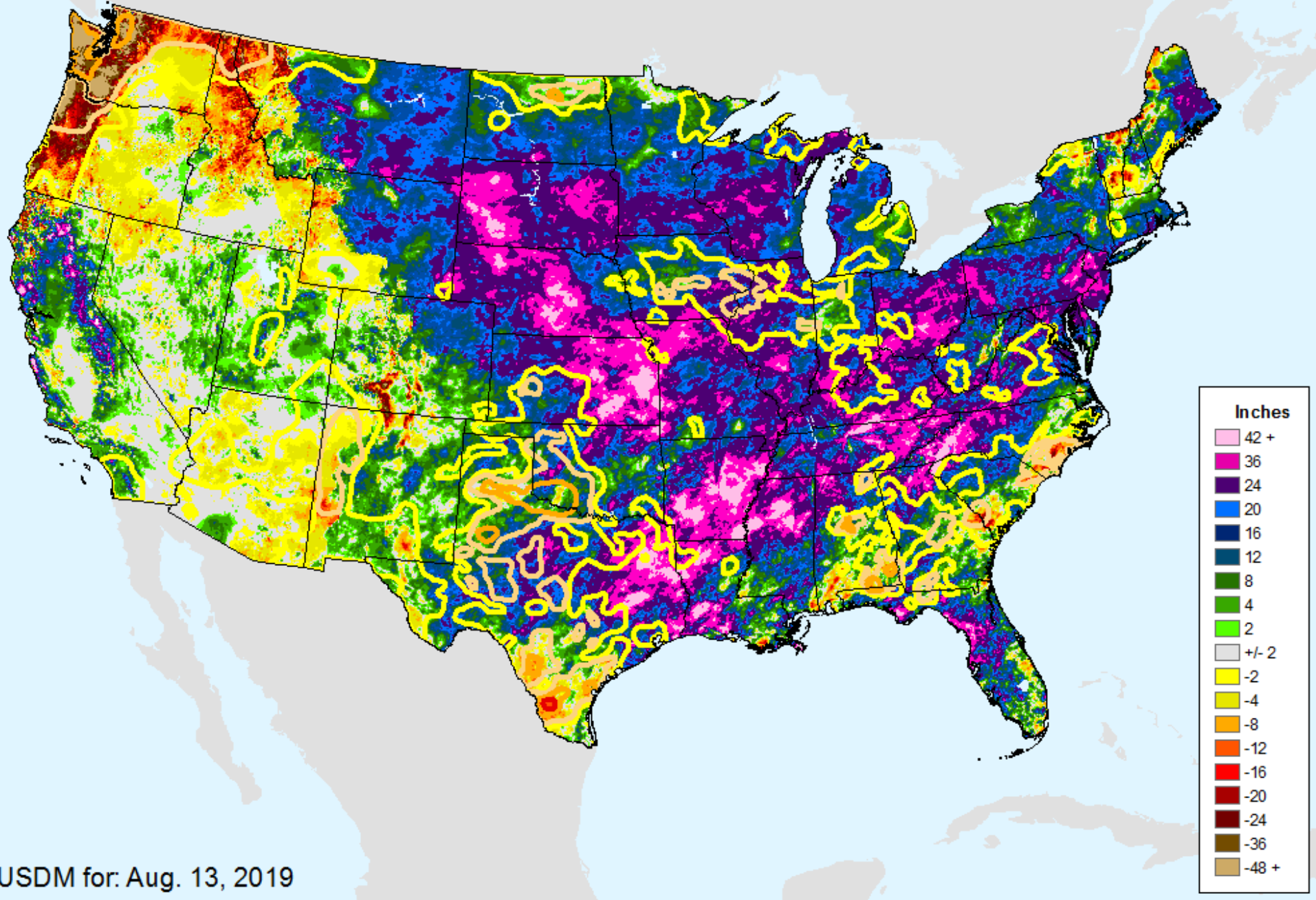
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, August 20, 2019



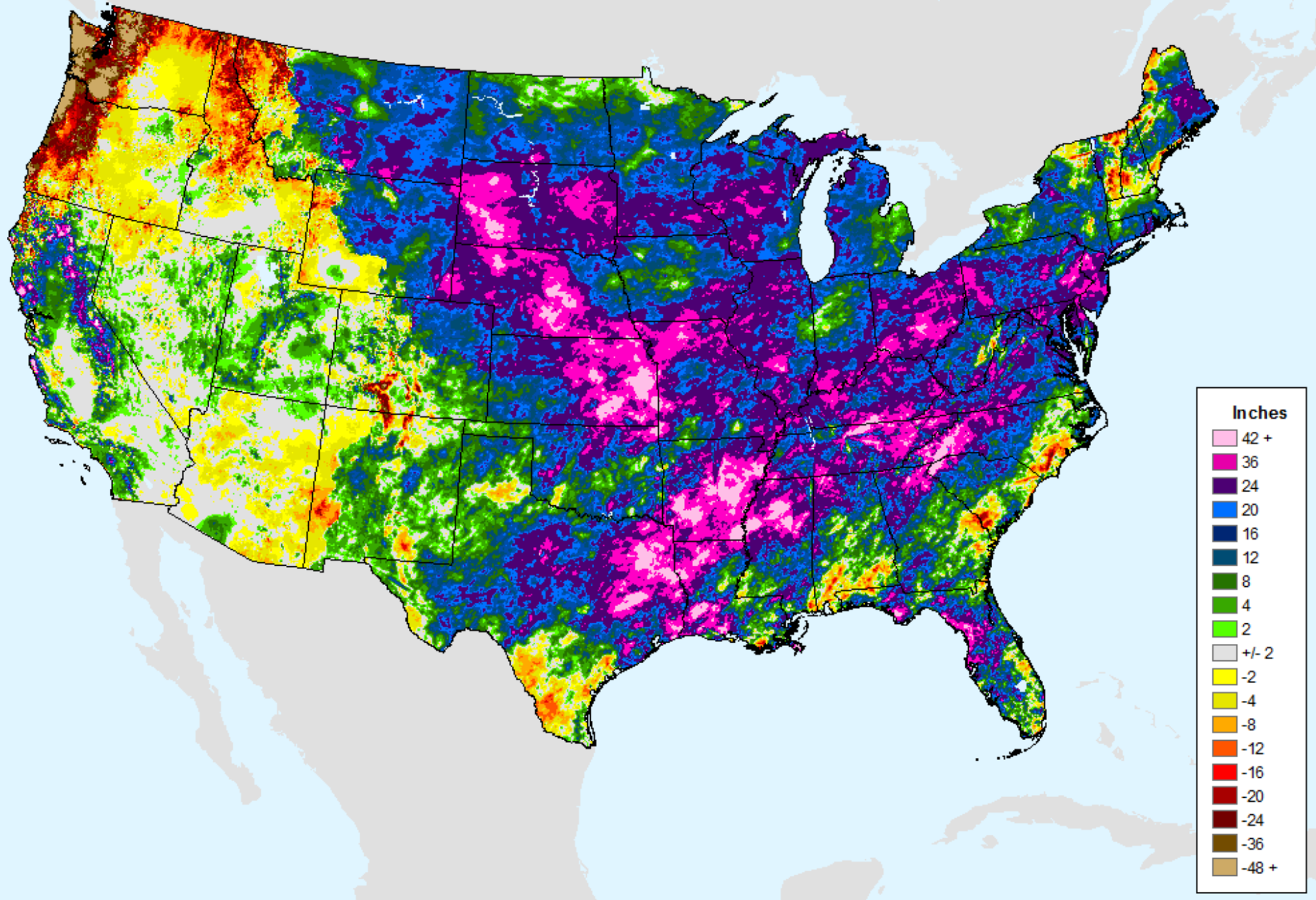
AHPS Water-Year Precip Departure

As of: Tuesday, August 20, 2019



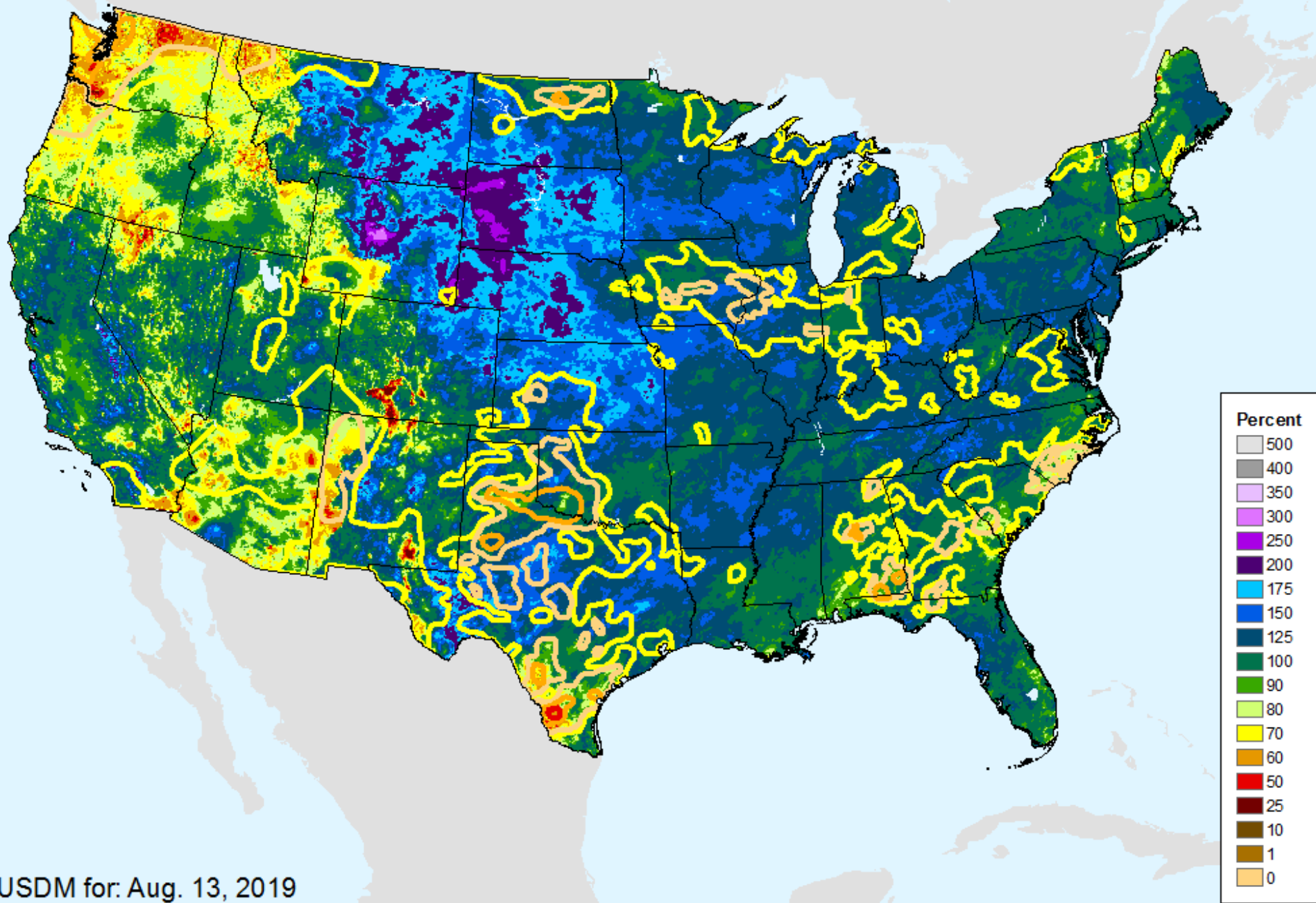
AHPS Water-Year Precip Departure

As of: Tuesday, August 20, 2019



AHPS Water-Year Pct of Normal Pcp

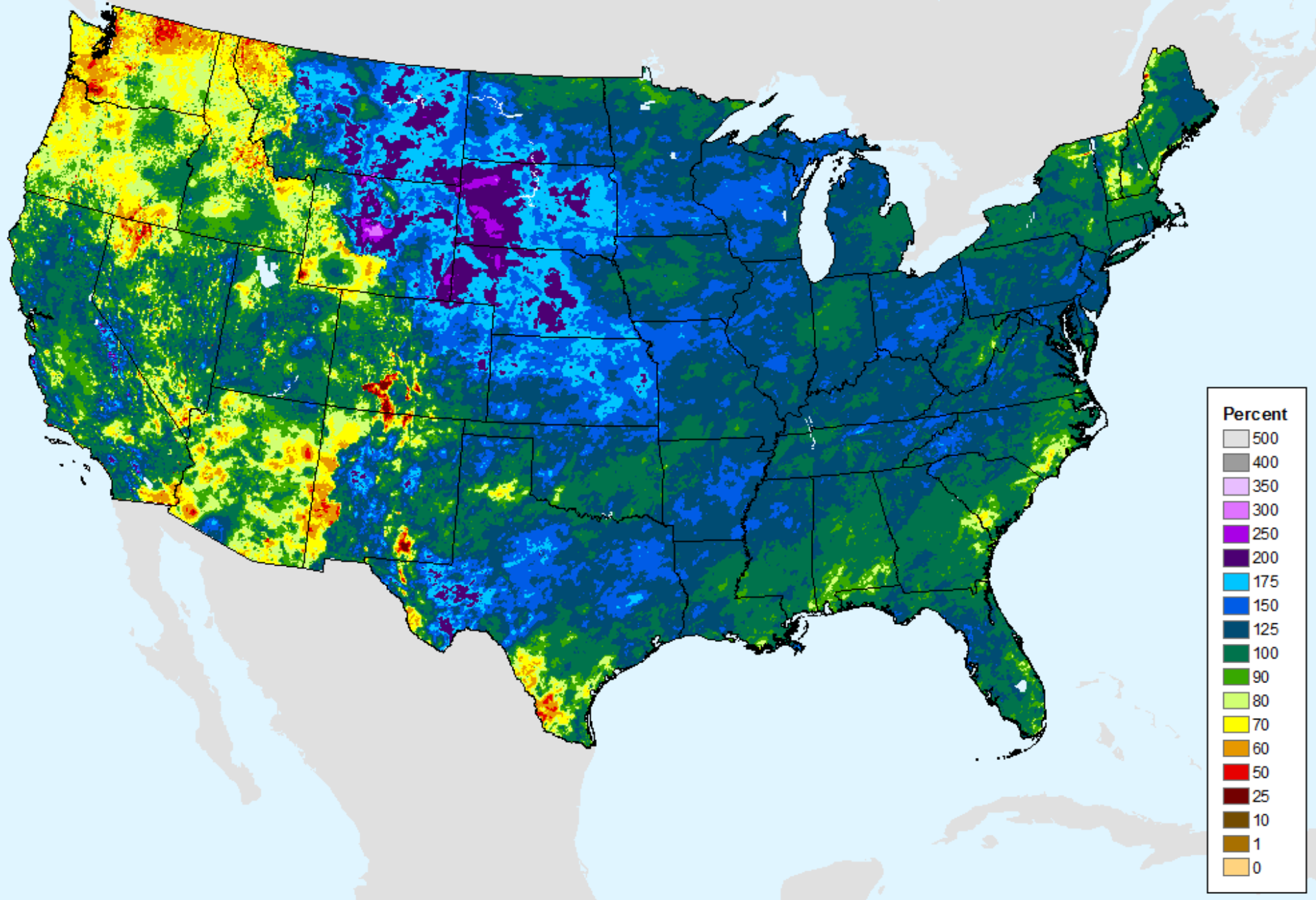
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

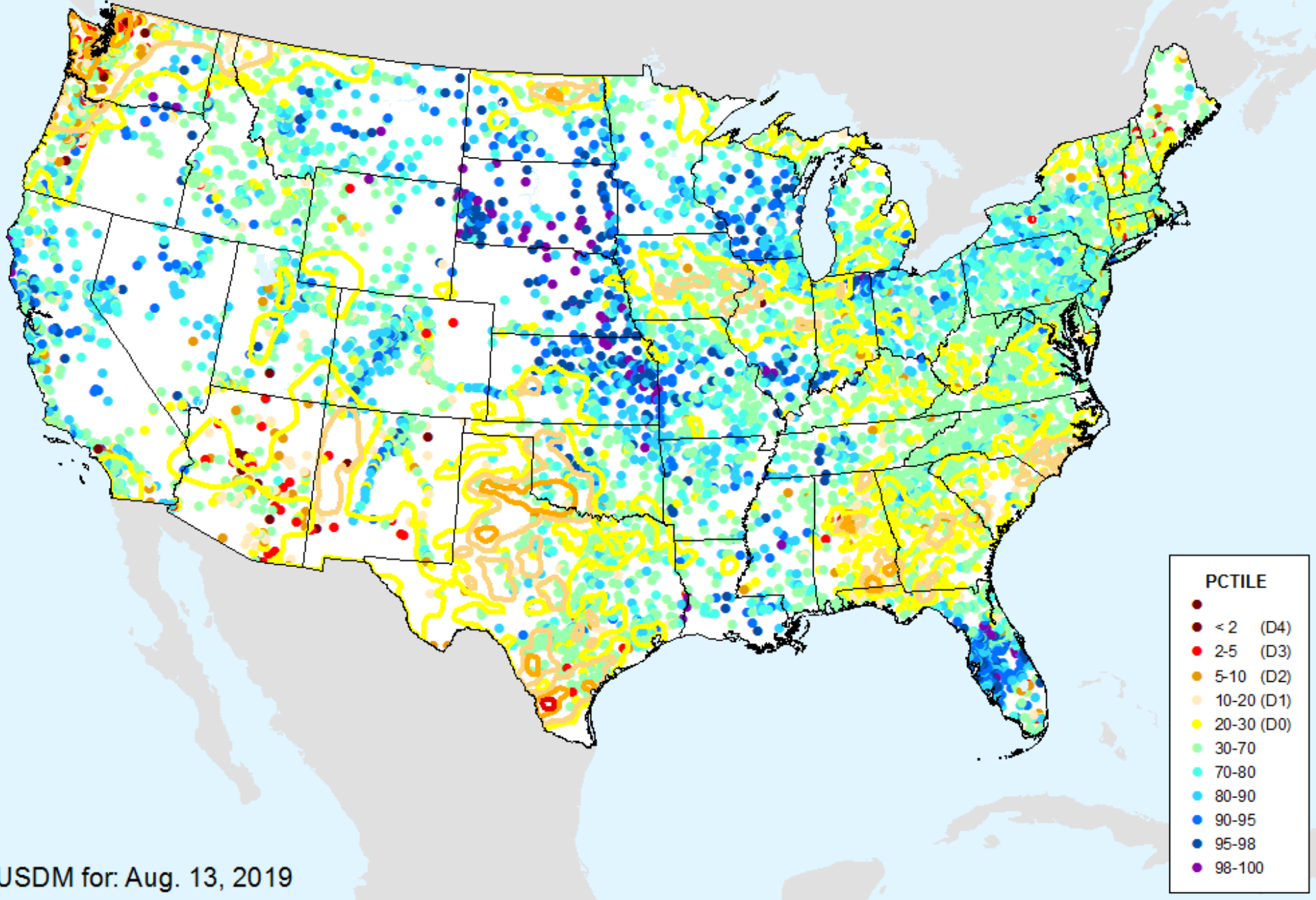
AHPS Water-Year Pct of Normal Pcp

As of: Tuesday, August 20, 2019



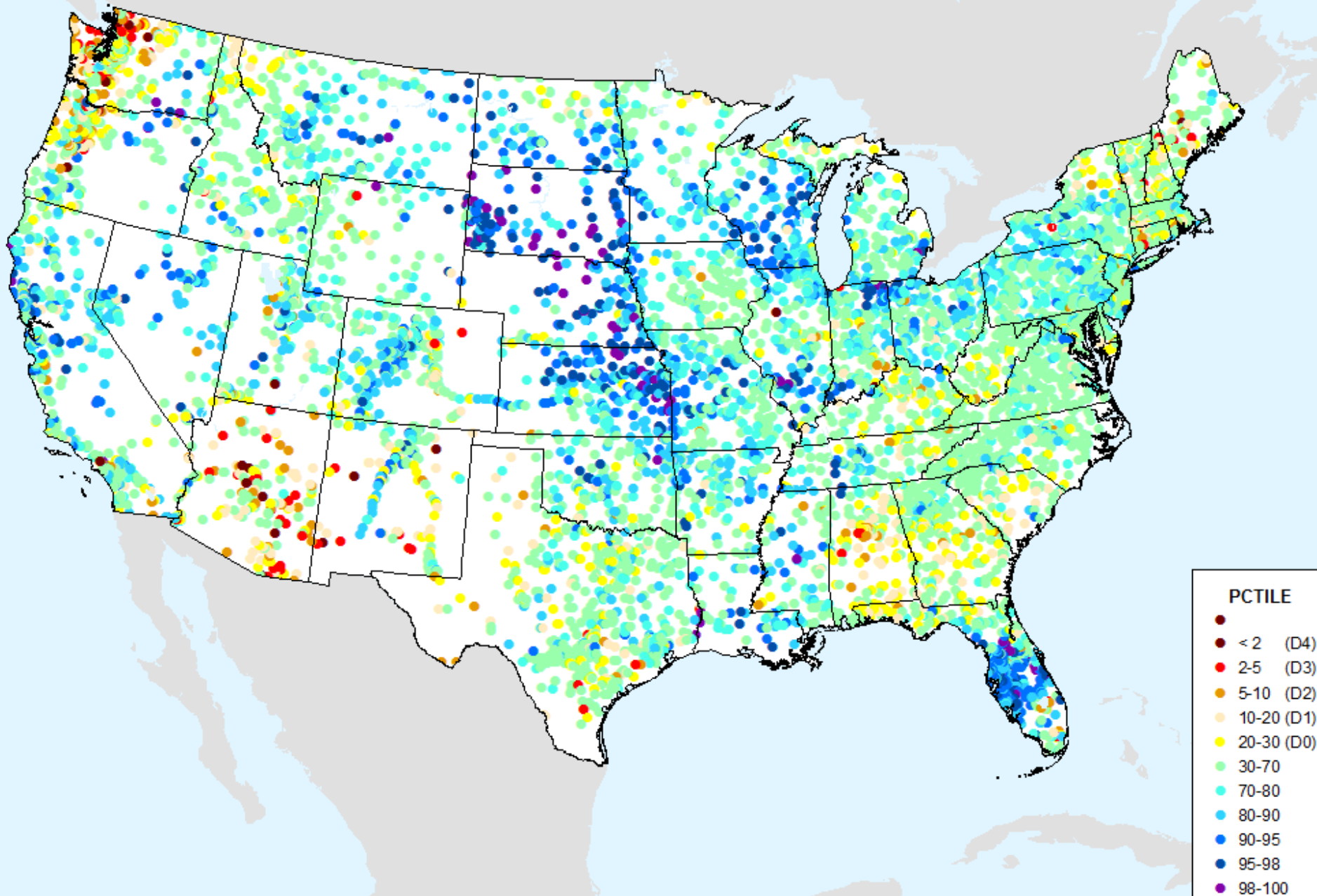
USGS 7-Day Avg Streamflow

As of: Tuesday, August 20, 2019



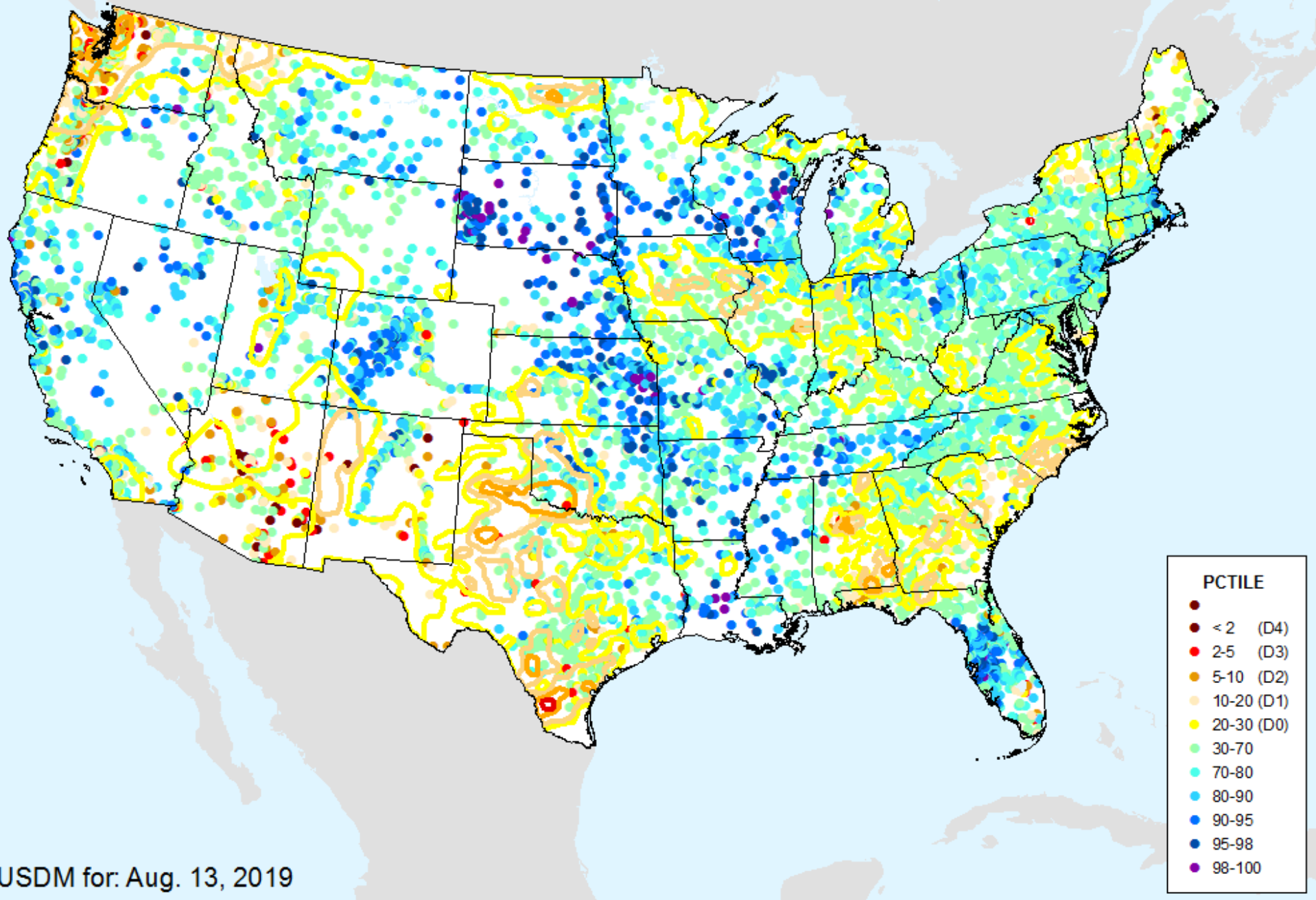
USGS 7-Day Avg Streamflow

As of: Tuesday, August 20, 2019



USGS 28-Day Avg Streamflow

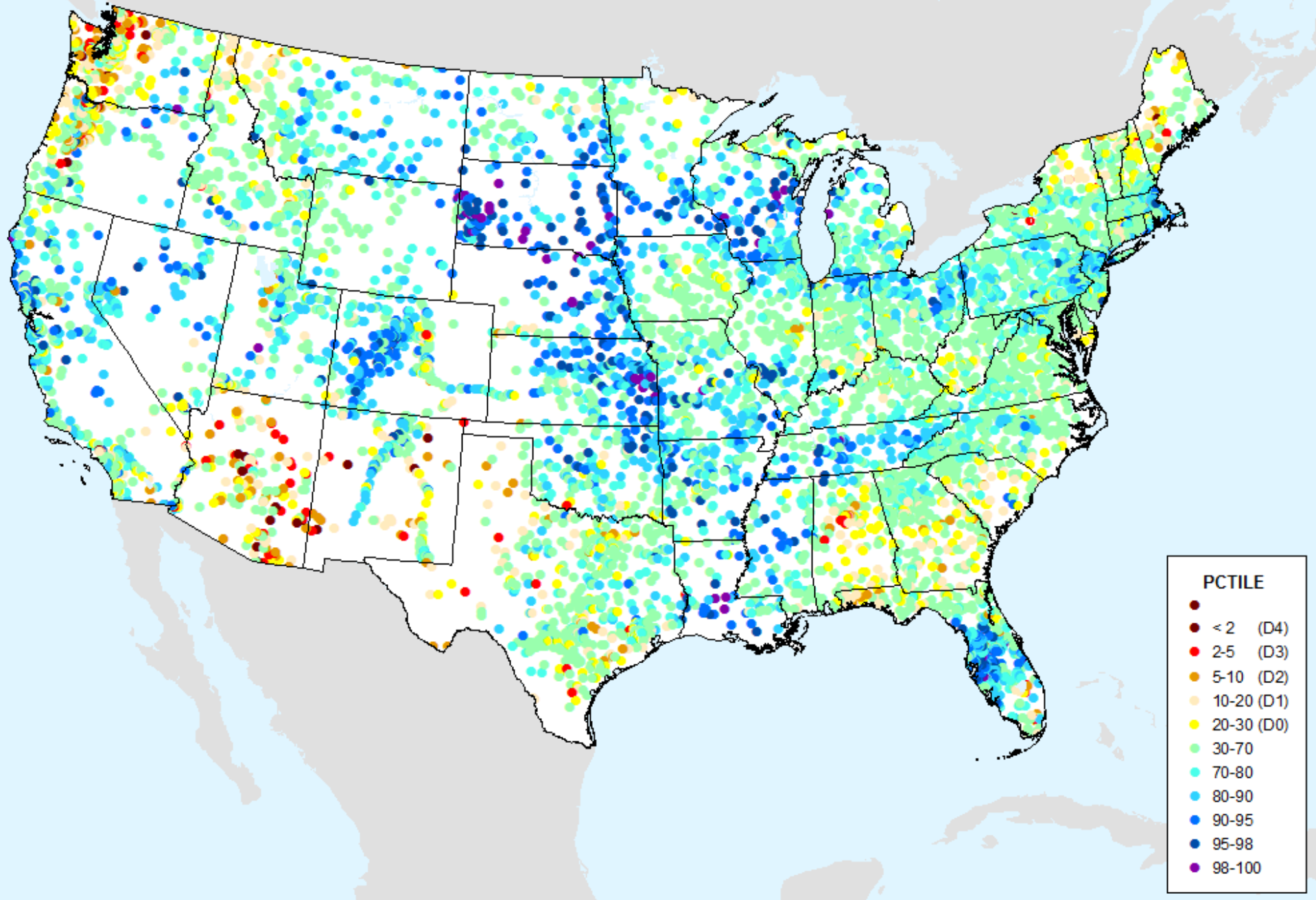
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

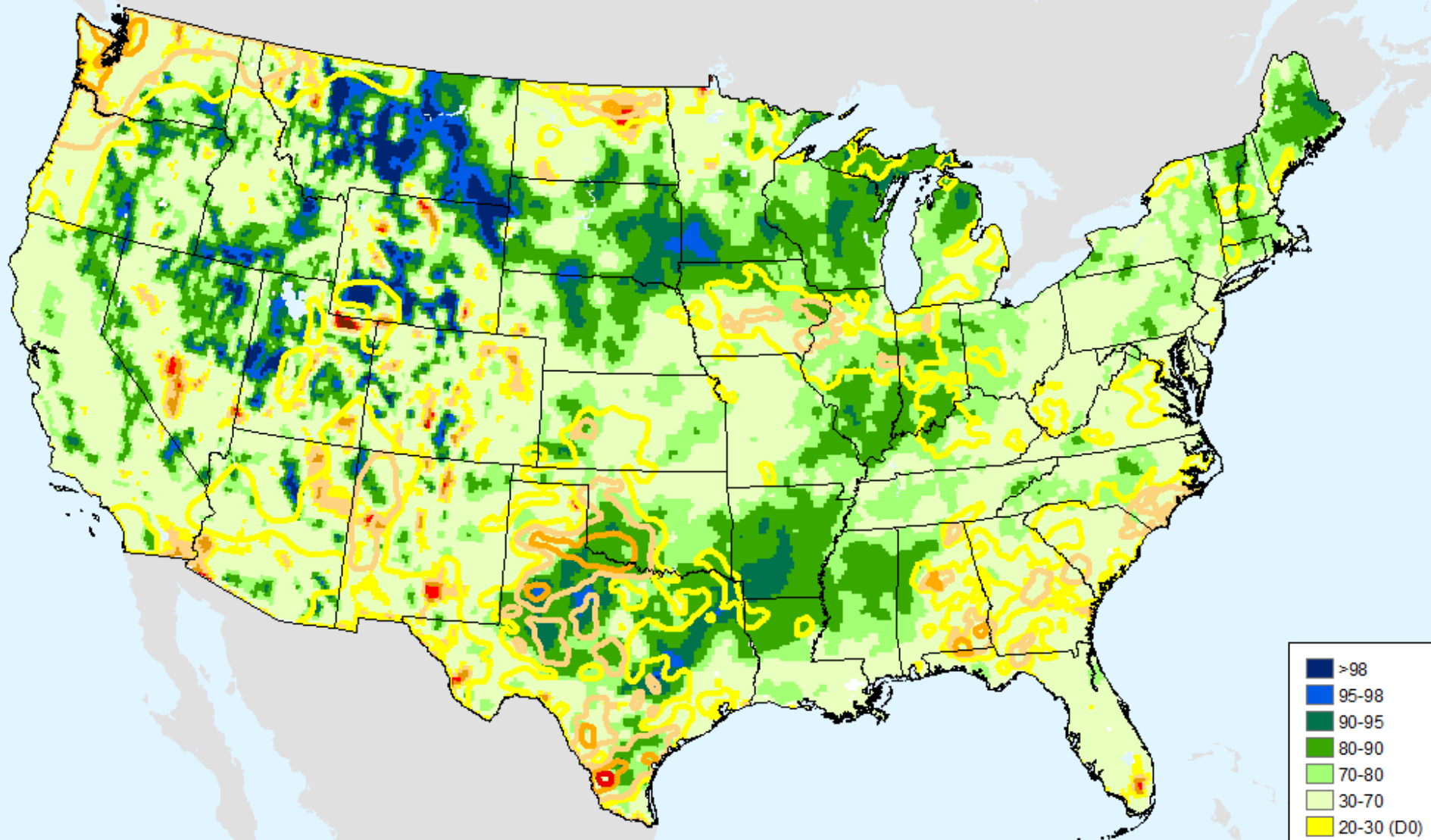
USGS 28-Day Avg Streamflow

As of: Tuesday, August 20, 2019

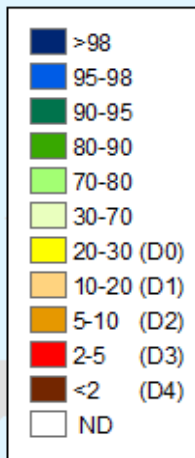


NLDAS Top 1m Soil Moisture

As of: Tuesday, August 20, 2019

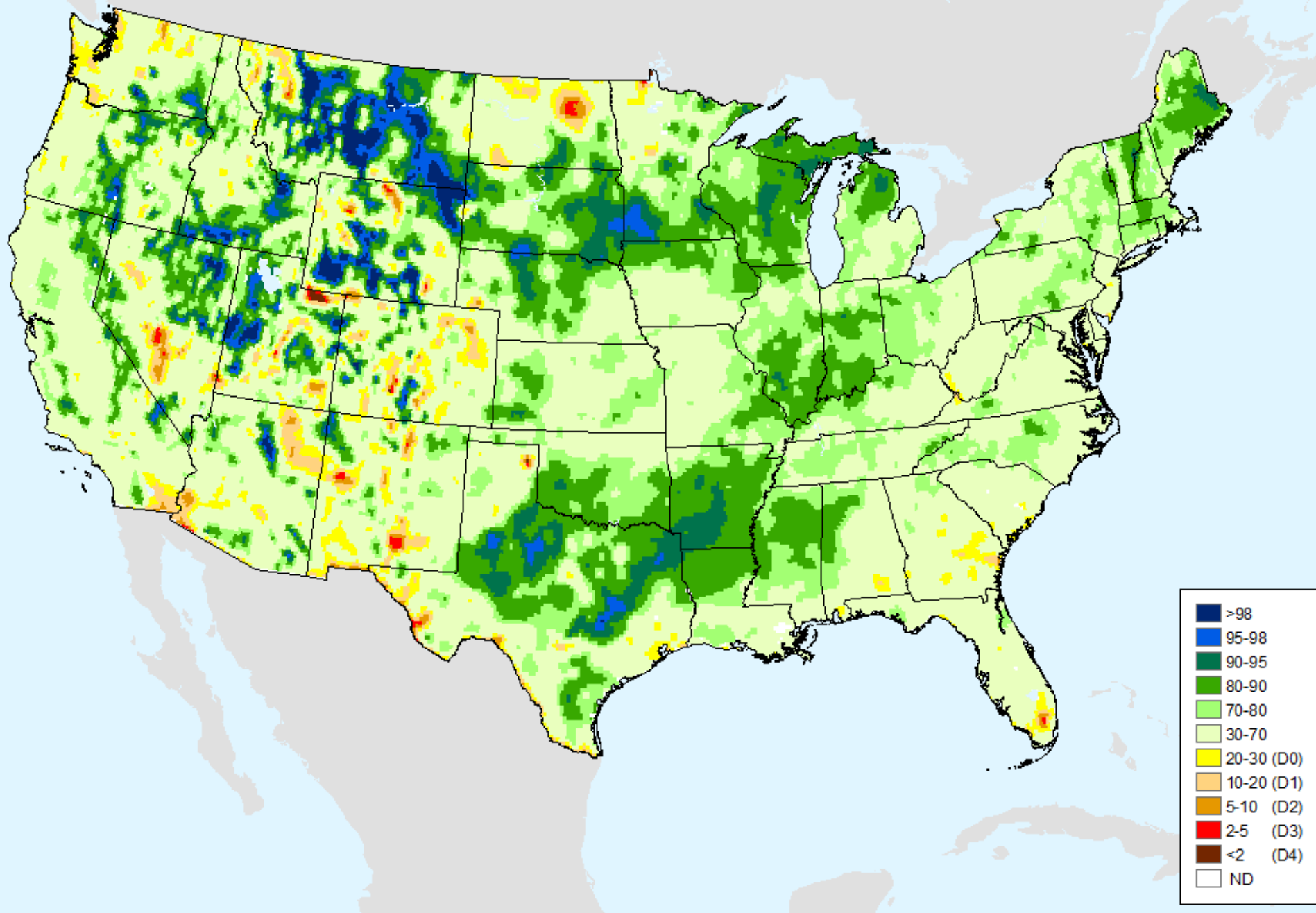


USDM for: Aug. 13, 2019



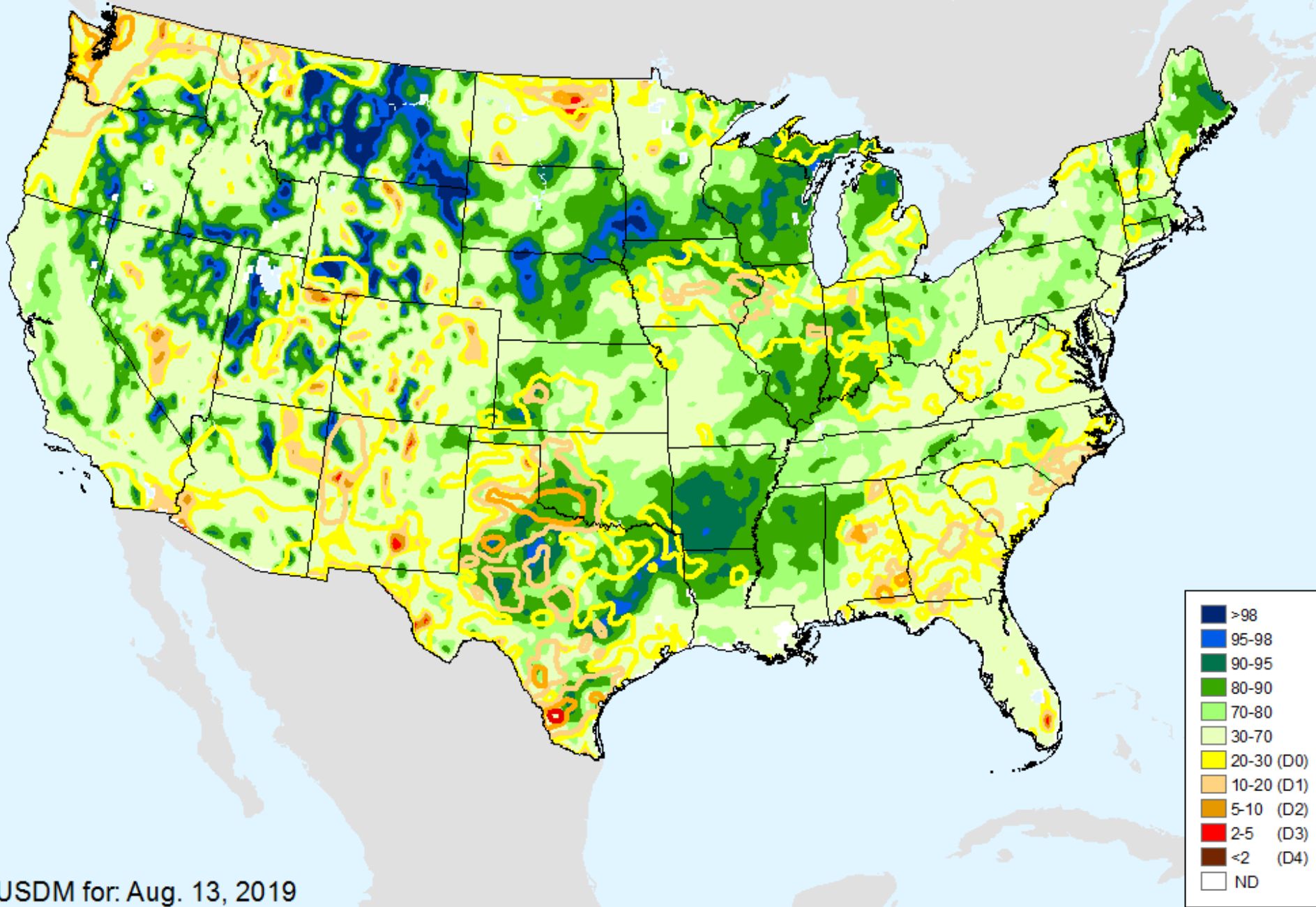
NLDAS Top 1m Soil Moisture

As of: Tuesday, August 20, 2019



NLDAS Total Column Soil Moisture

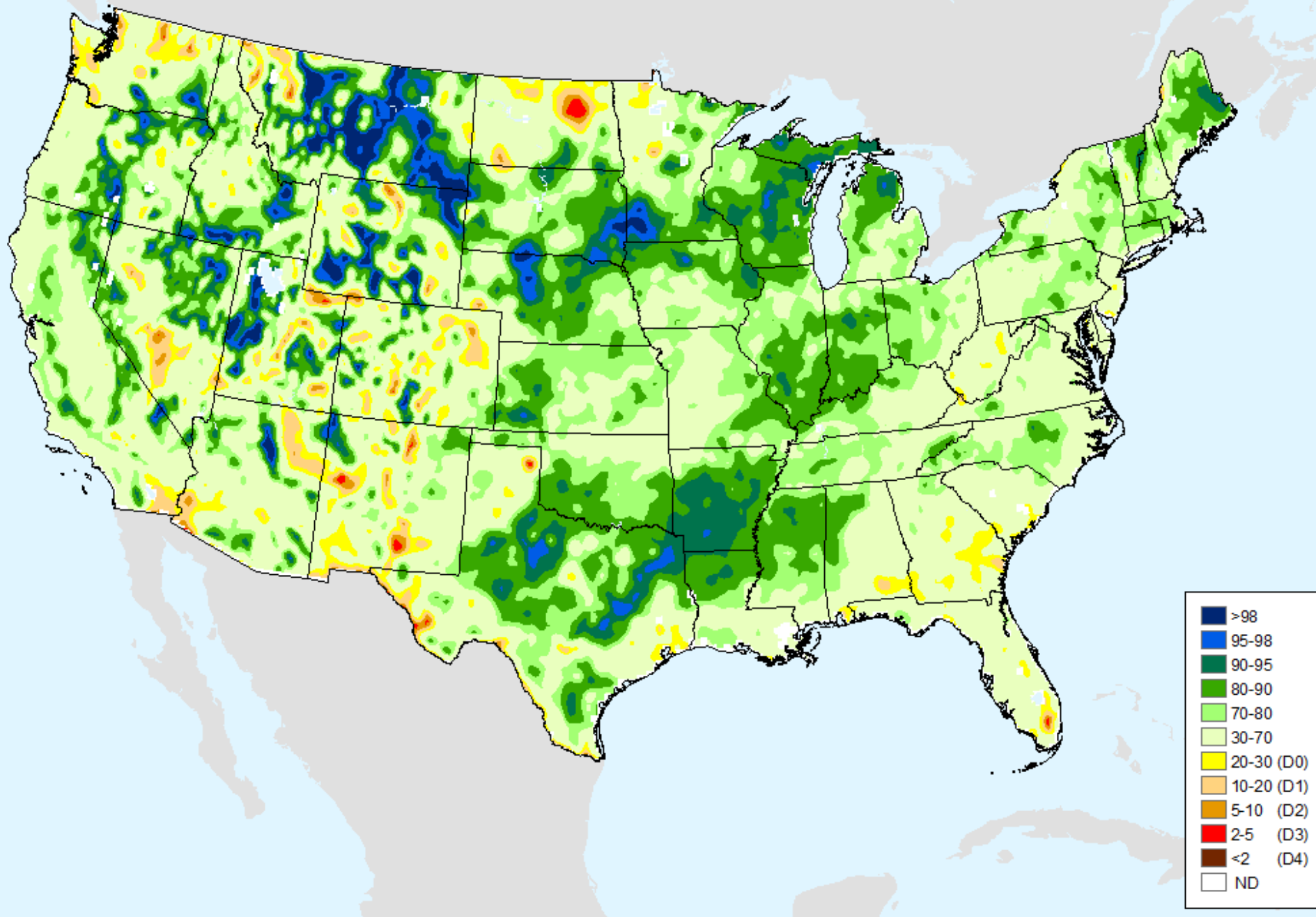
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

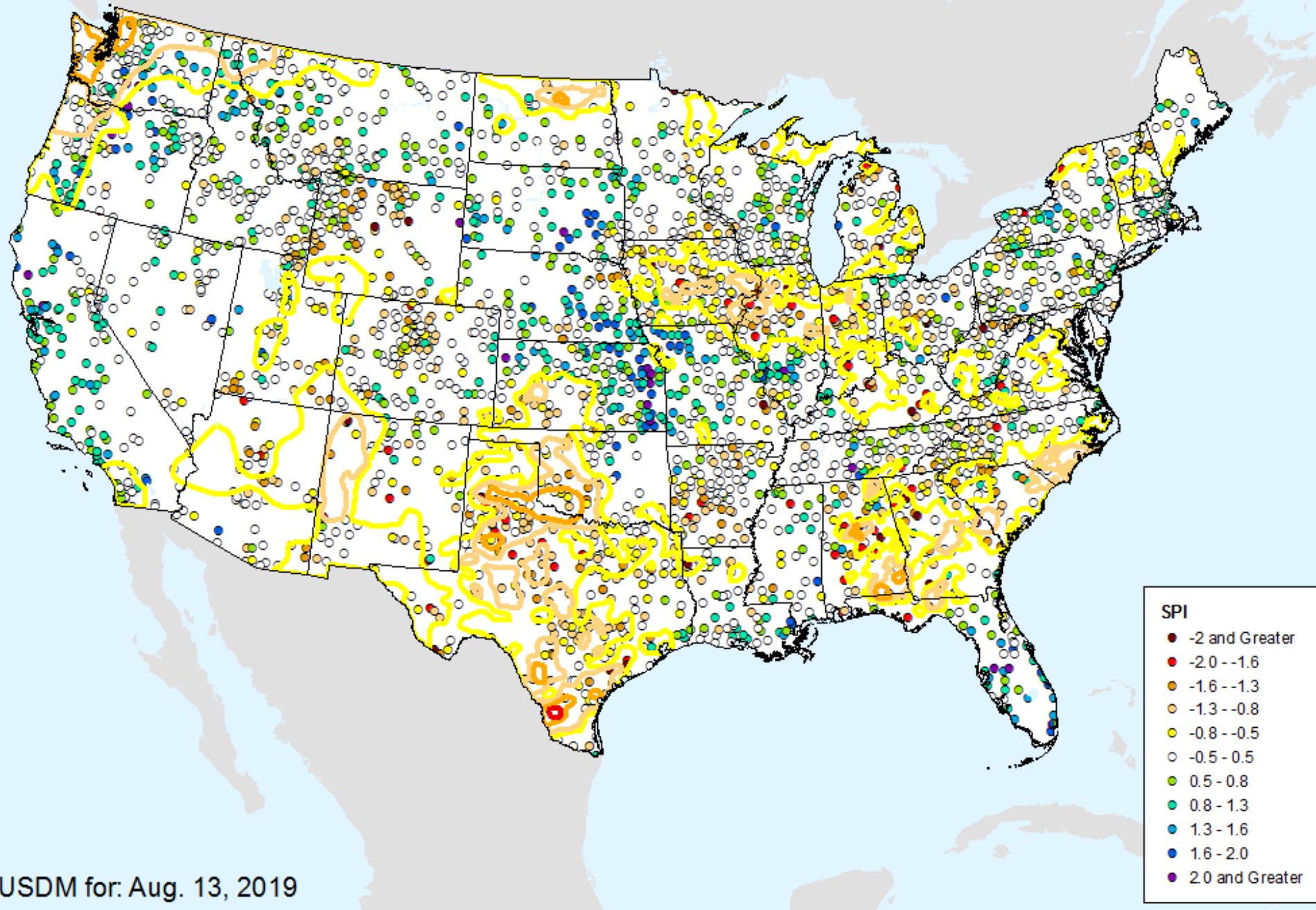
NLDAS Total Column Soil Moisture

As of: Tuesday, August 20, 2019



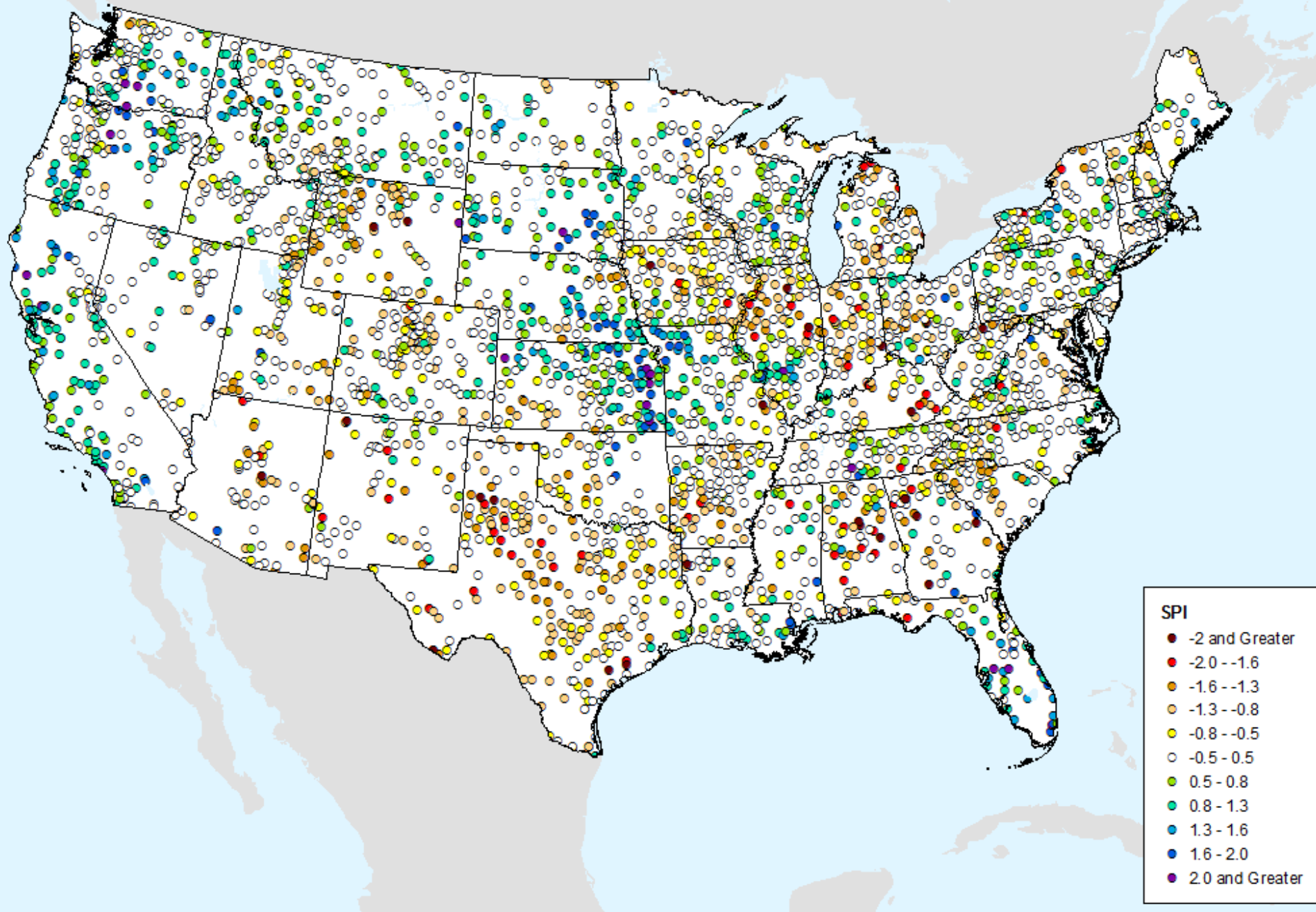
HPRCC 1-month SPI

As of: Tuesday, August 20, 2019



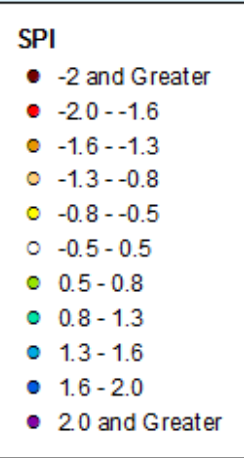
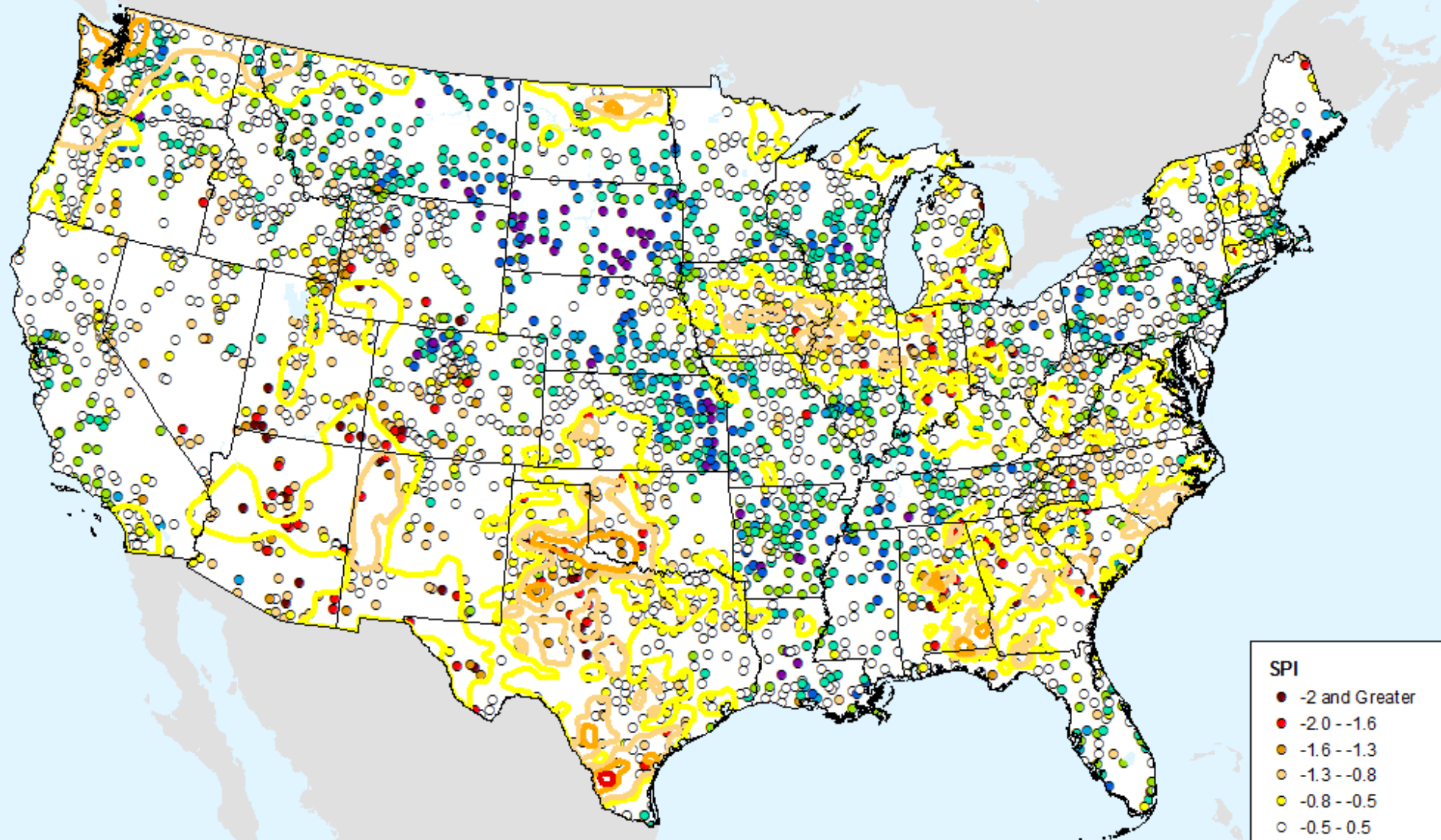
HPRCC 1-month SPI

As of: Tuesday, August 20, 2019



HPRCC 2-month SPI

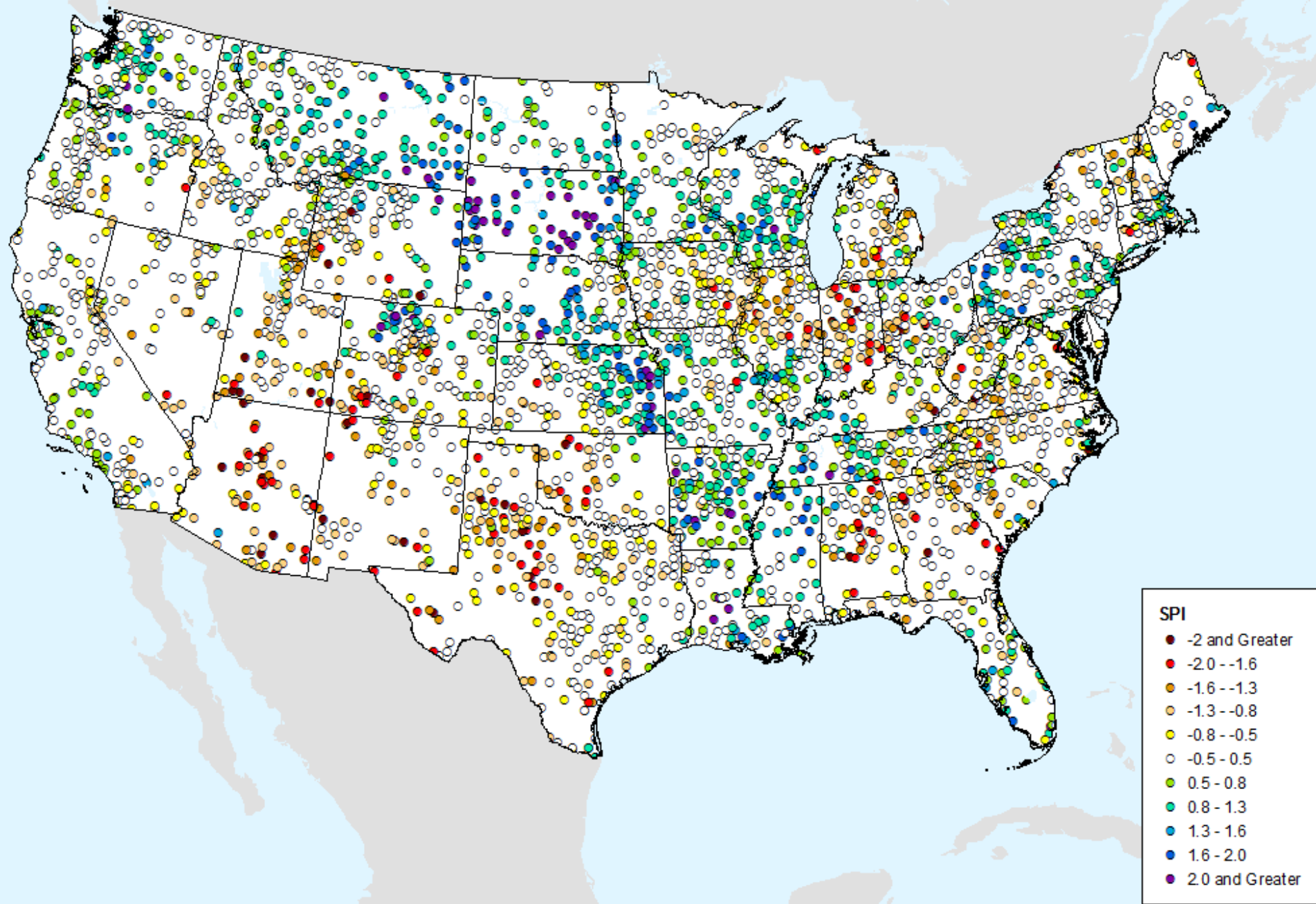
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

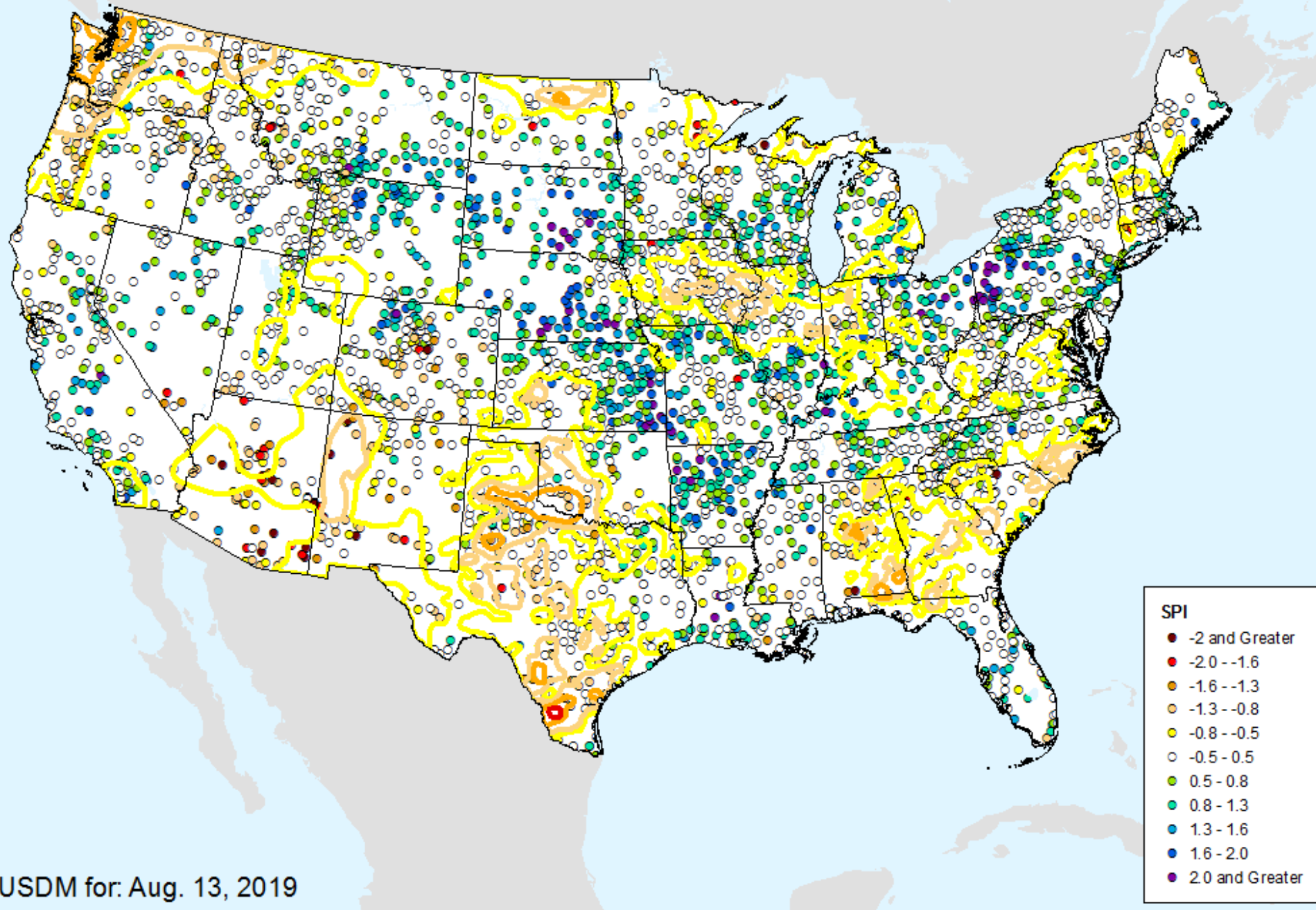
HPRCC 2-month SPI

As of: Tuesday, August 20, 2019



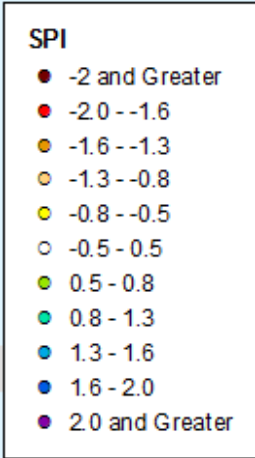
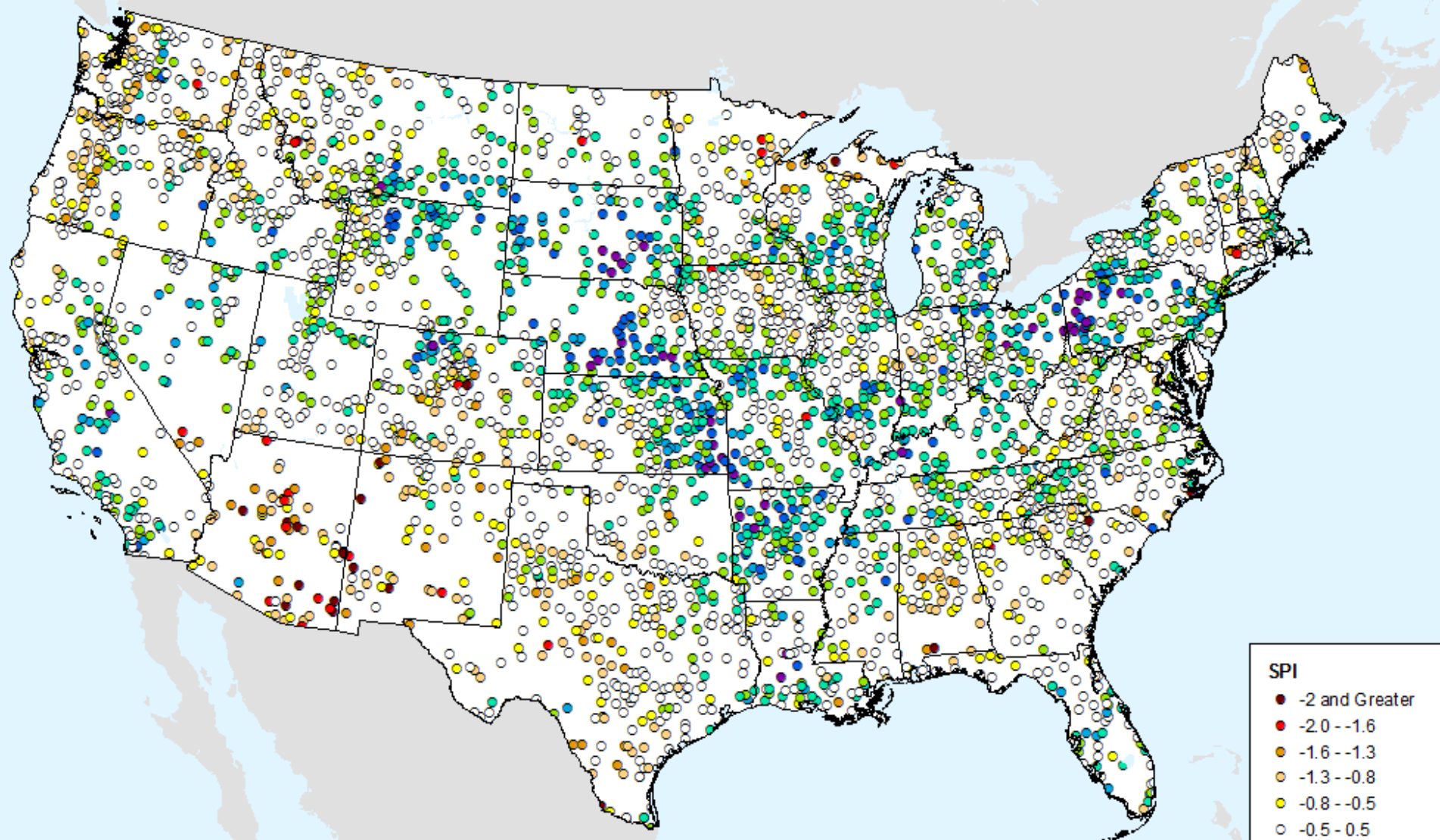
HPRCC 3-month SPI

As of: Tuesday, August 20, 2019



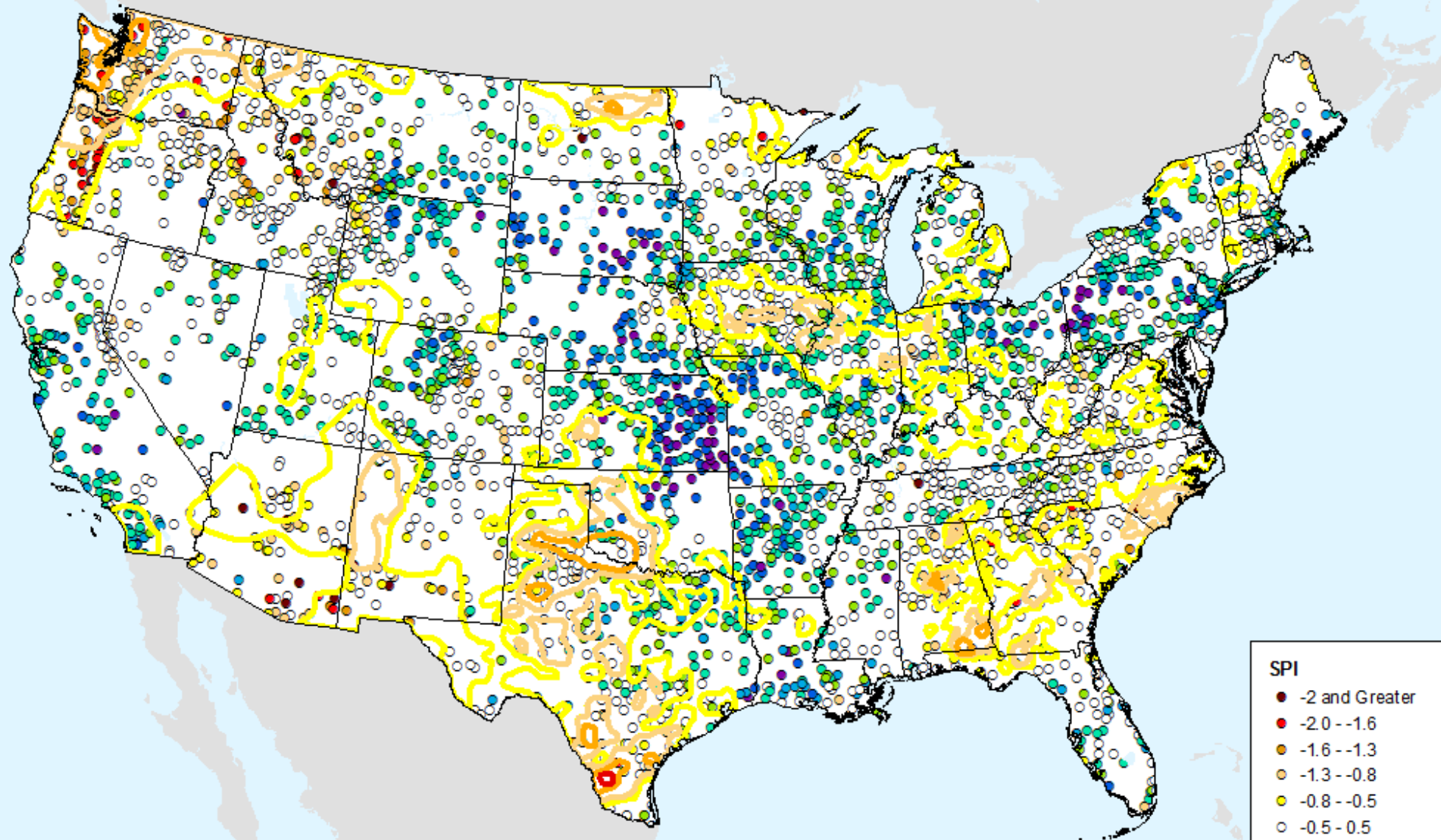
HPRCC 3-month SPI

As of: Tuesday, August 20, 2019



HPRCC 4-month SPI

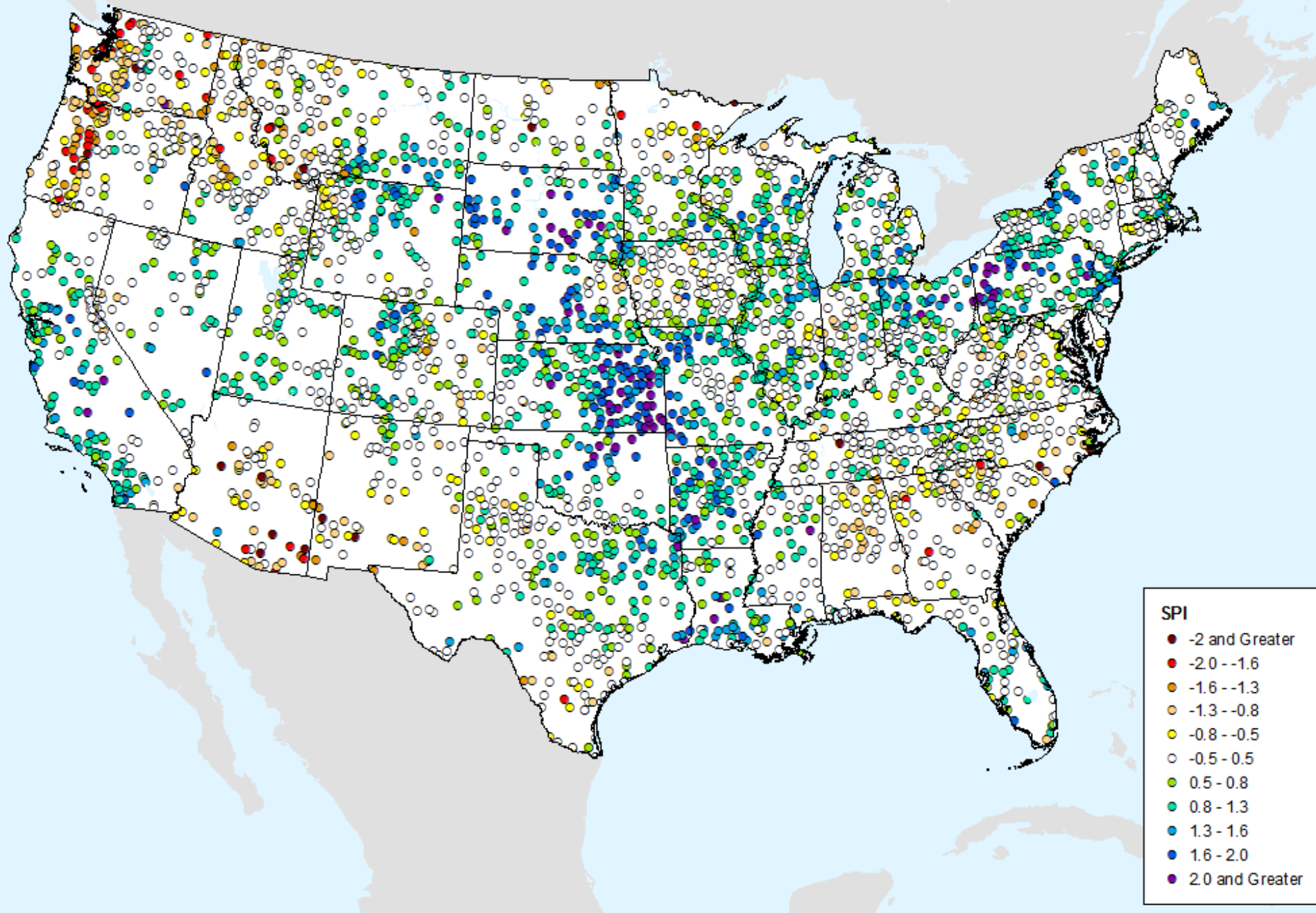
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

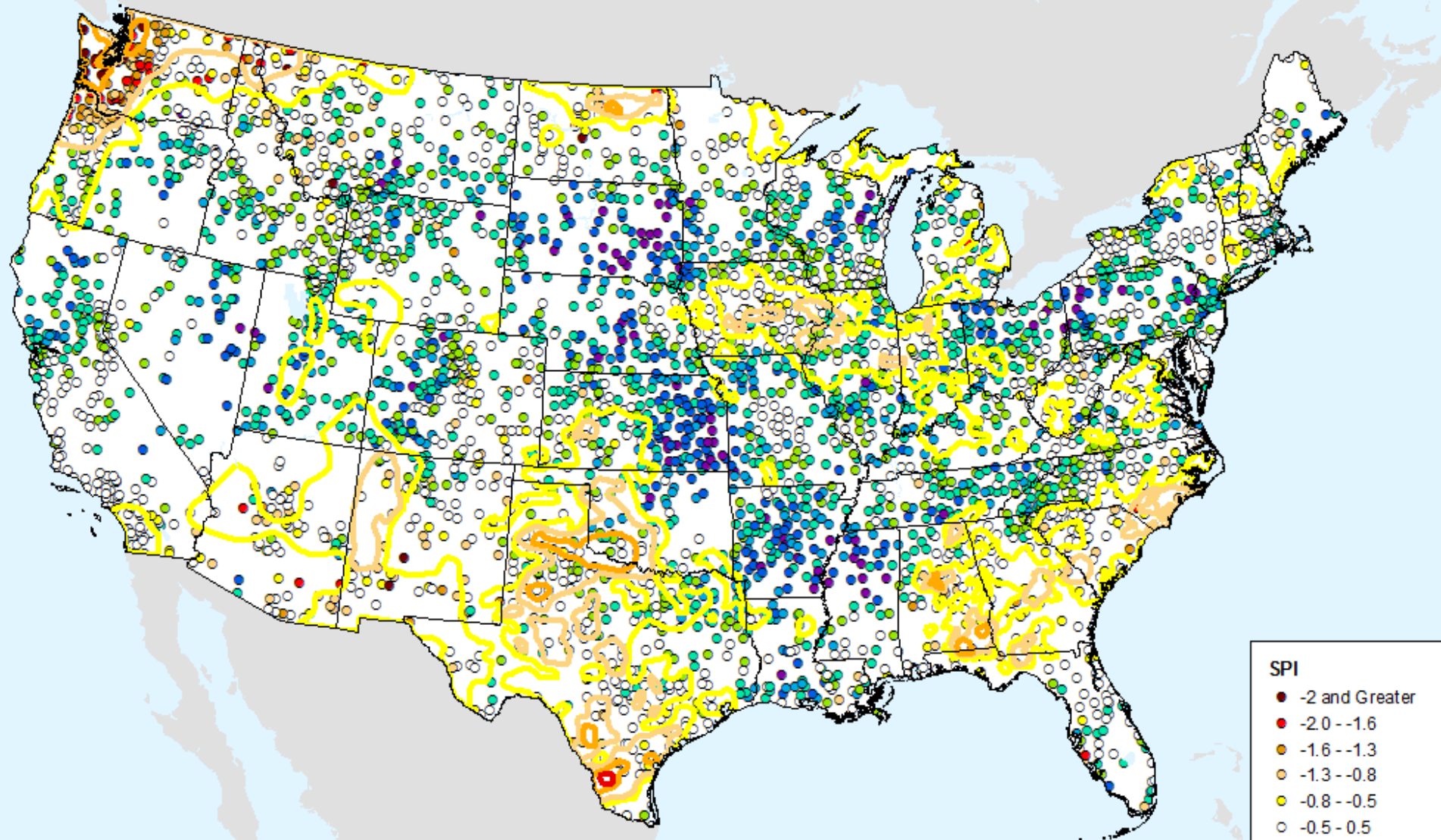
HPRCC 4-month SPI

As of: Tuesday, August 20, 2019



HPRCC 6-month SPI

As of: Tuesday, August 20, 2019

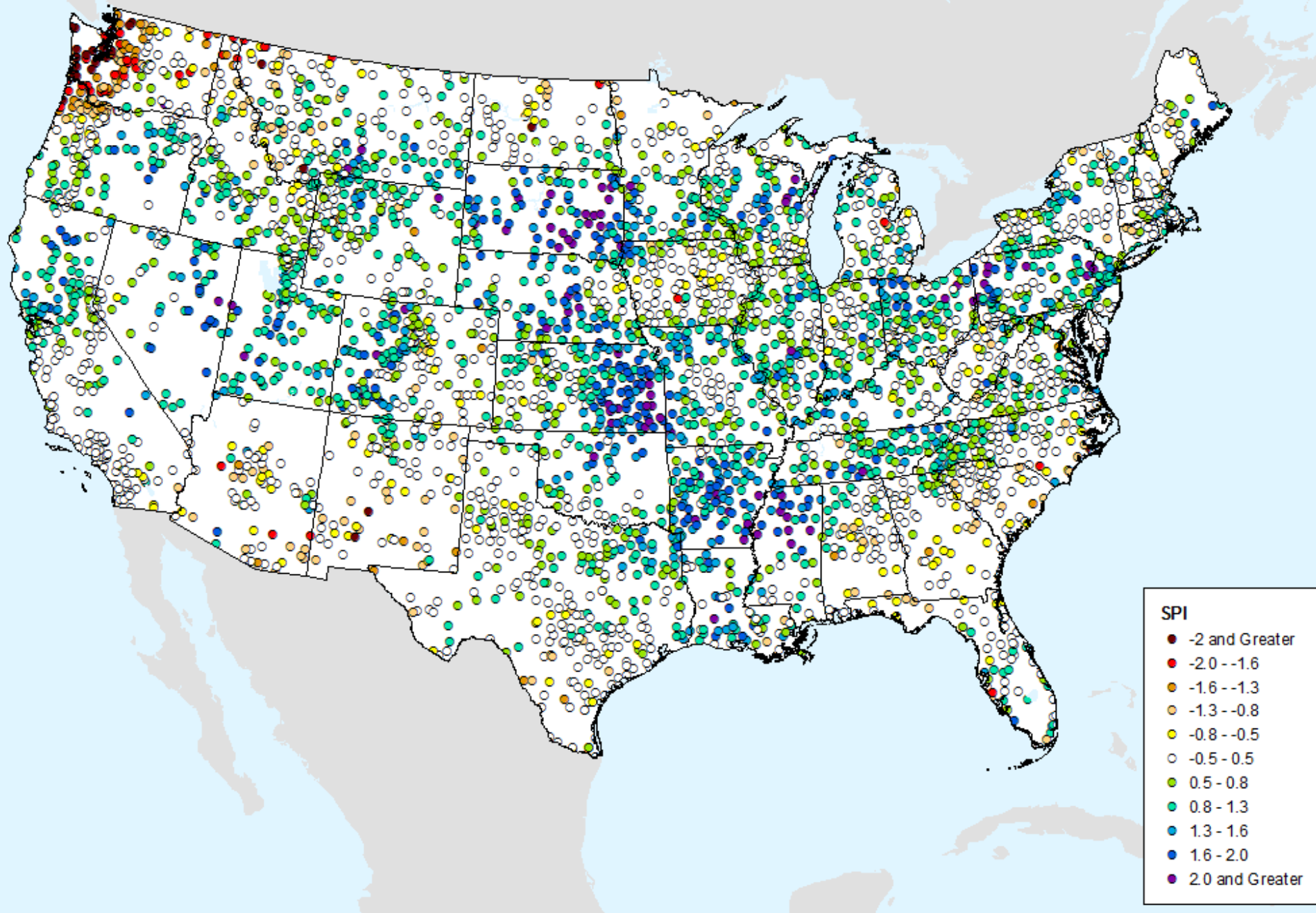


- SPI**
- -2 and Greater
 - -2.0 --1.6
 - -1.6 --1.3
 - -1.3 --0.8
 - -0.8 --0.5
 - -0.5 -0.5
 - 0.5 -0.8
 - 0.8 -1.3
 - 1.3 -1.6
 - 1.6 -2.0
 - 2.0 and Greater

USDM for: Aug. 13, 2019

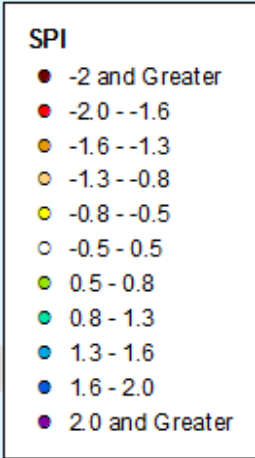
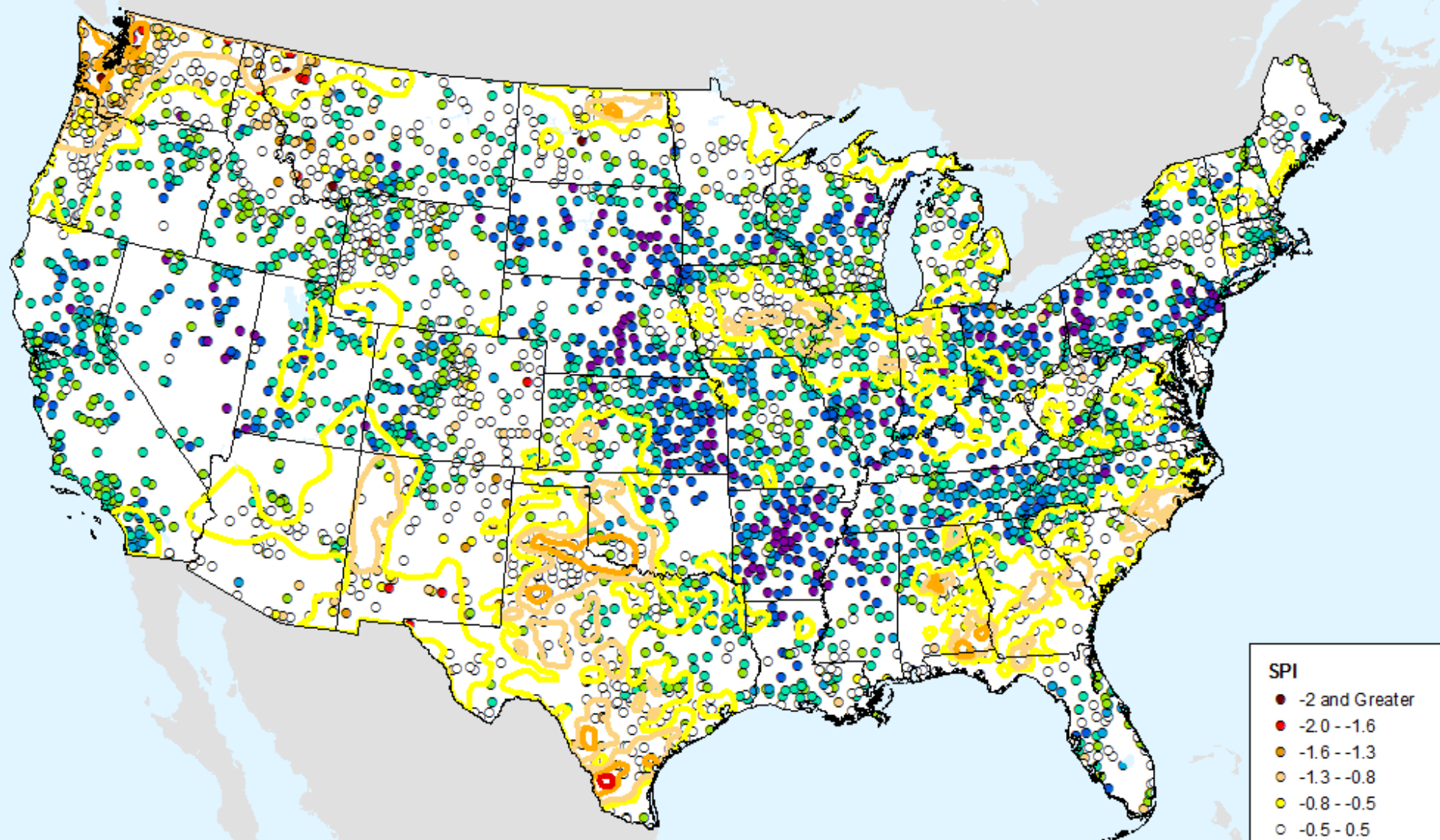
HPRCC 6-month SPI

As of: Tuesday, August 20, 2019



HPRCC 9-month SPI

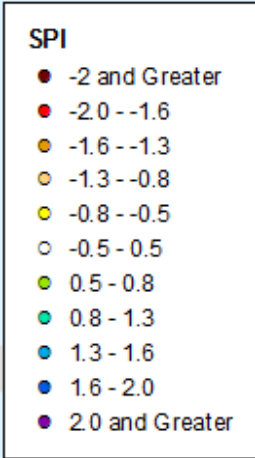
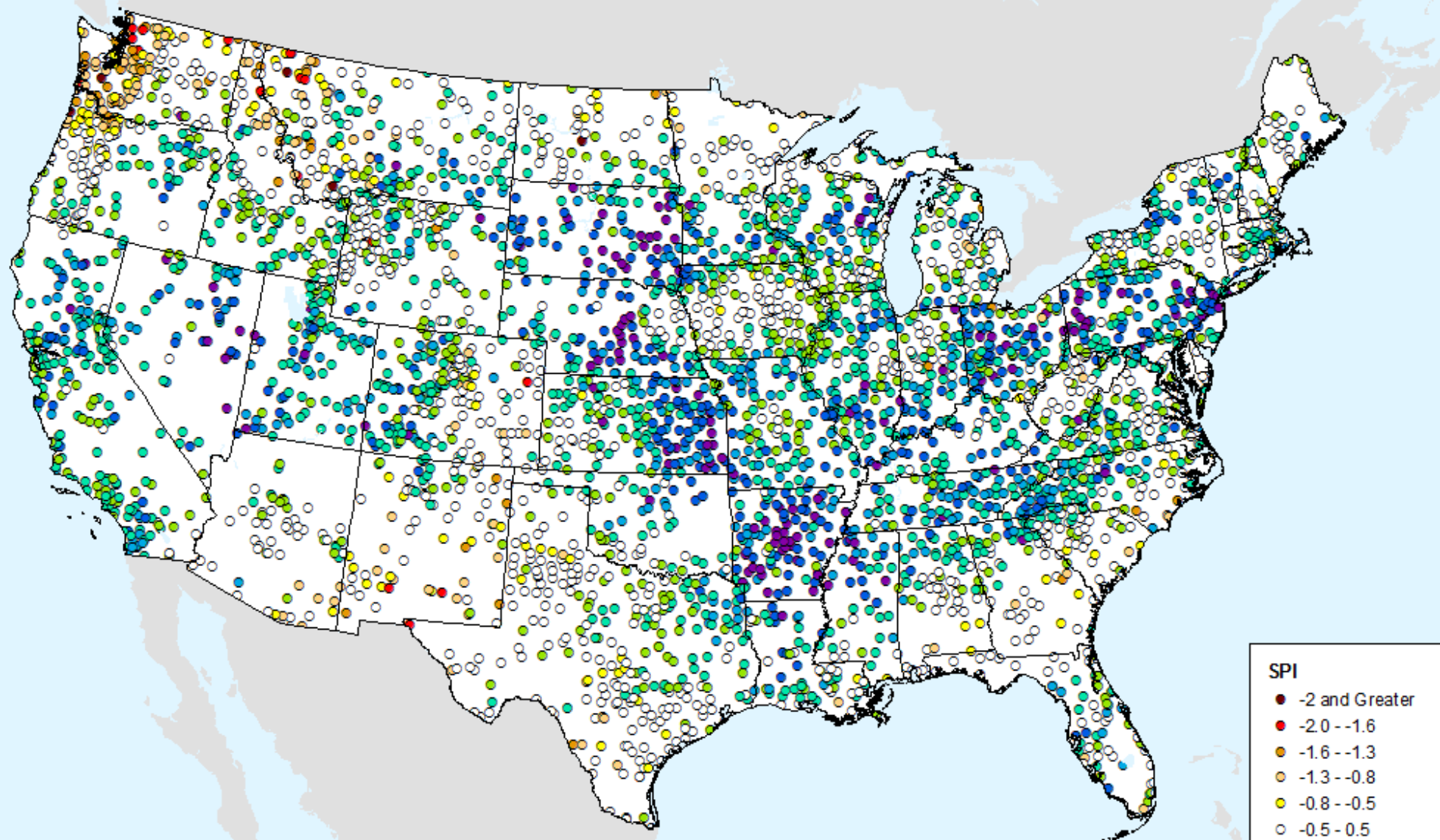
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

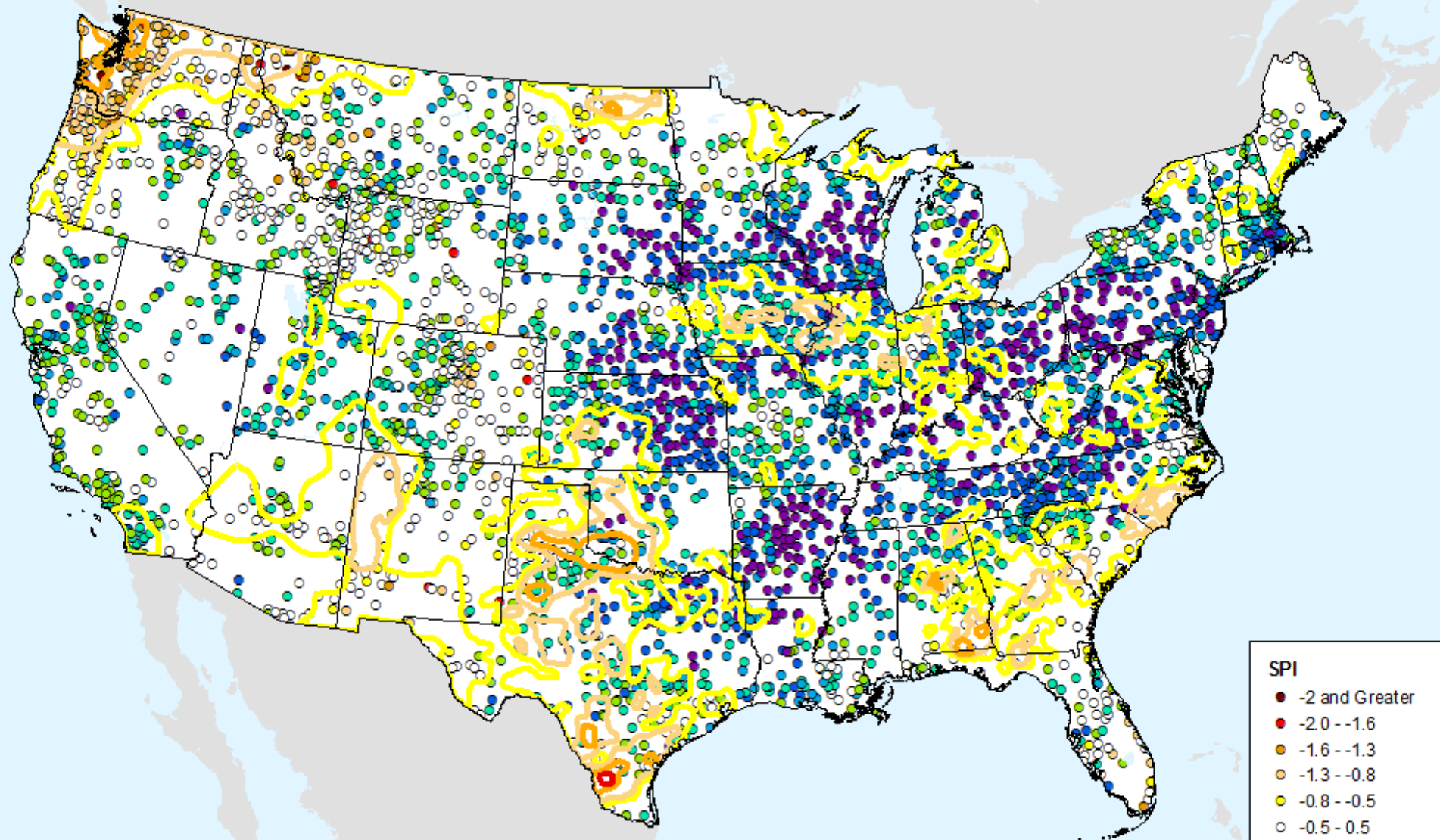
HPRCC 9-month SPI

As of: Tuesday, August 20, 2019



HPRCC 12-month SPI

As of: Tuesday, August 20, 2019



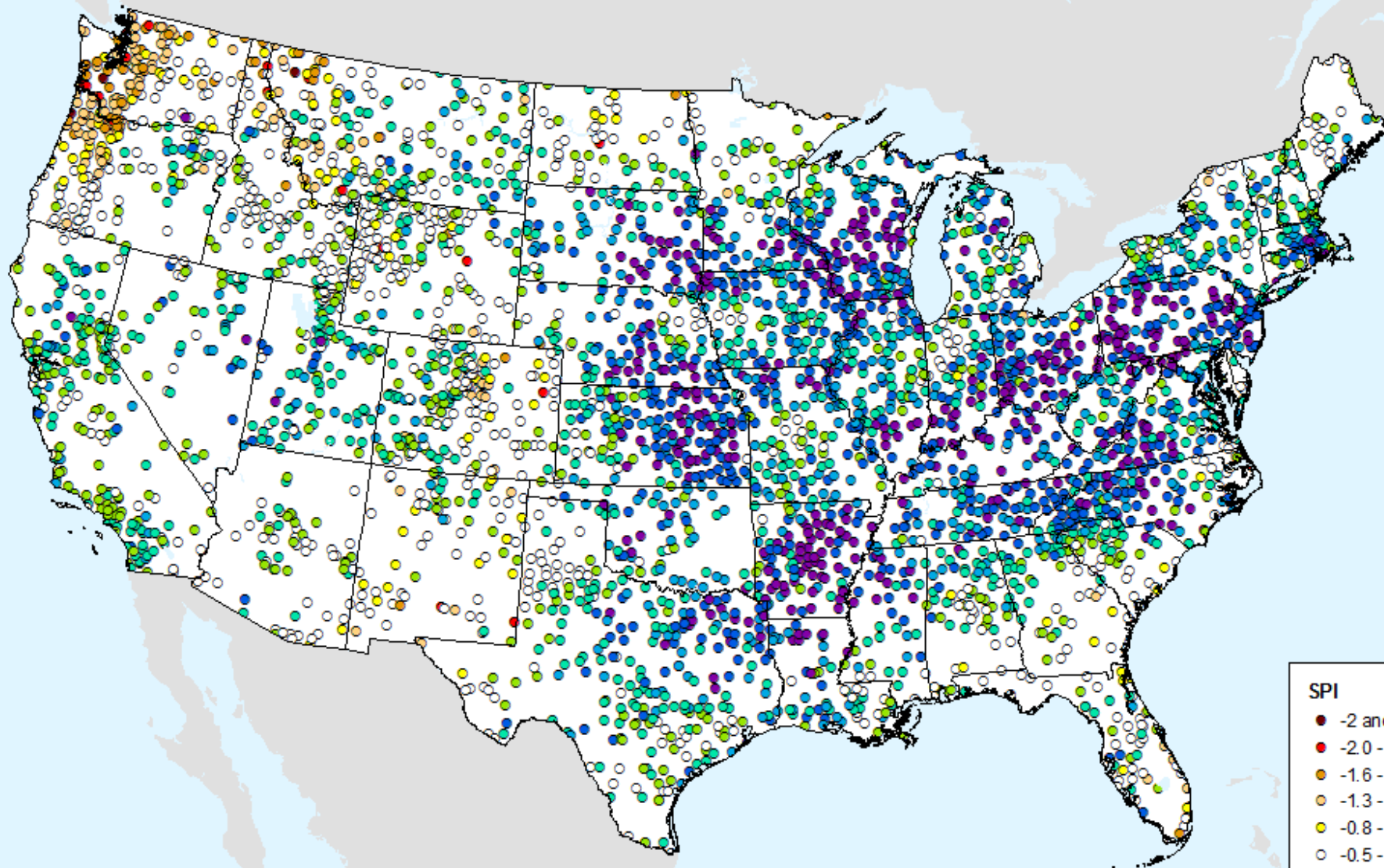
SPI

- -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. 13, 2019

HPRCC 12-month SPI

As of: Tuesday, August 20, 2019

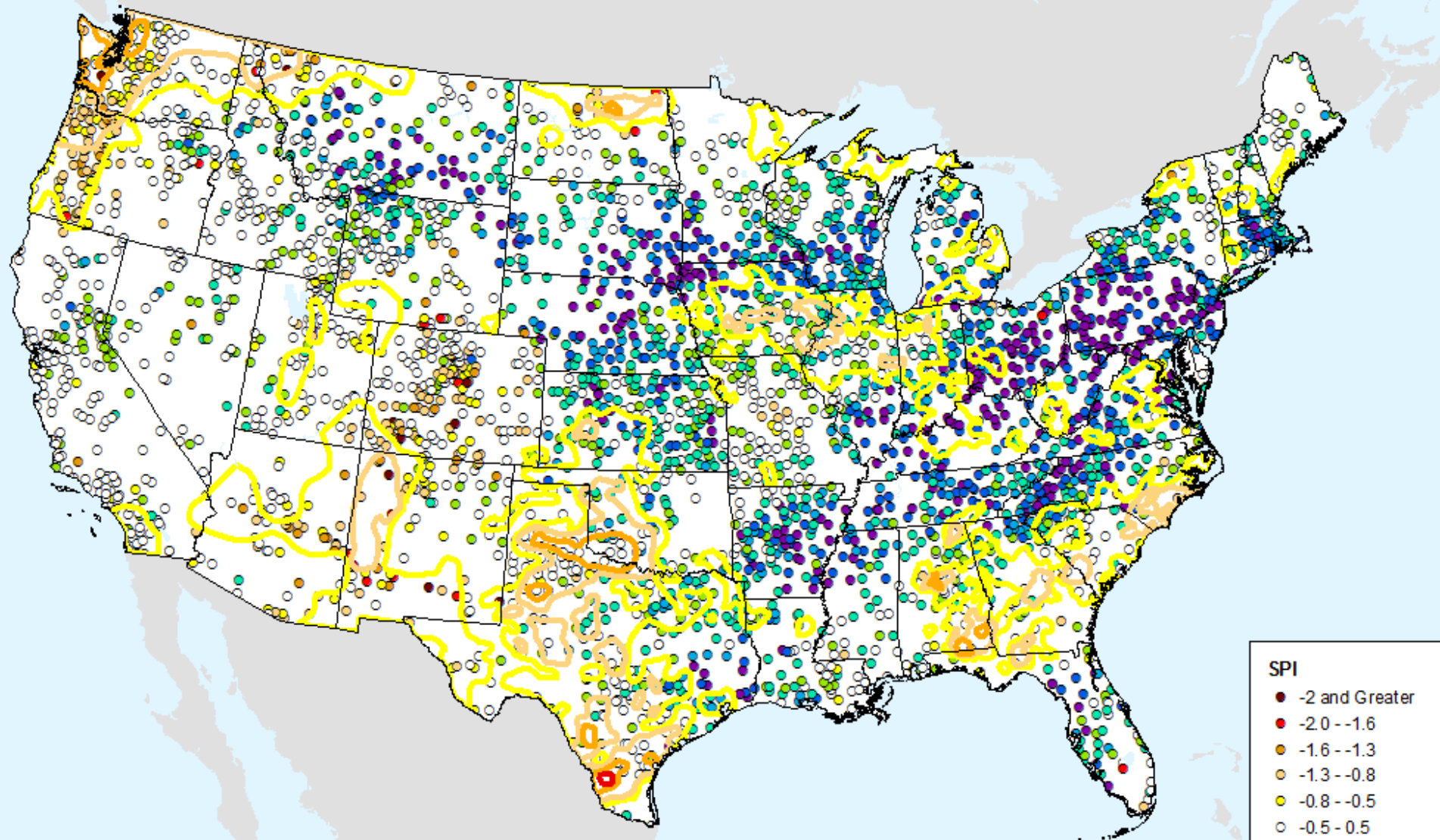


SPI

- -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 20, 2019



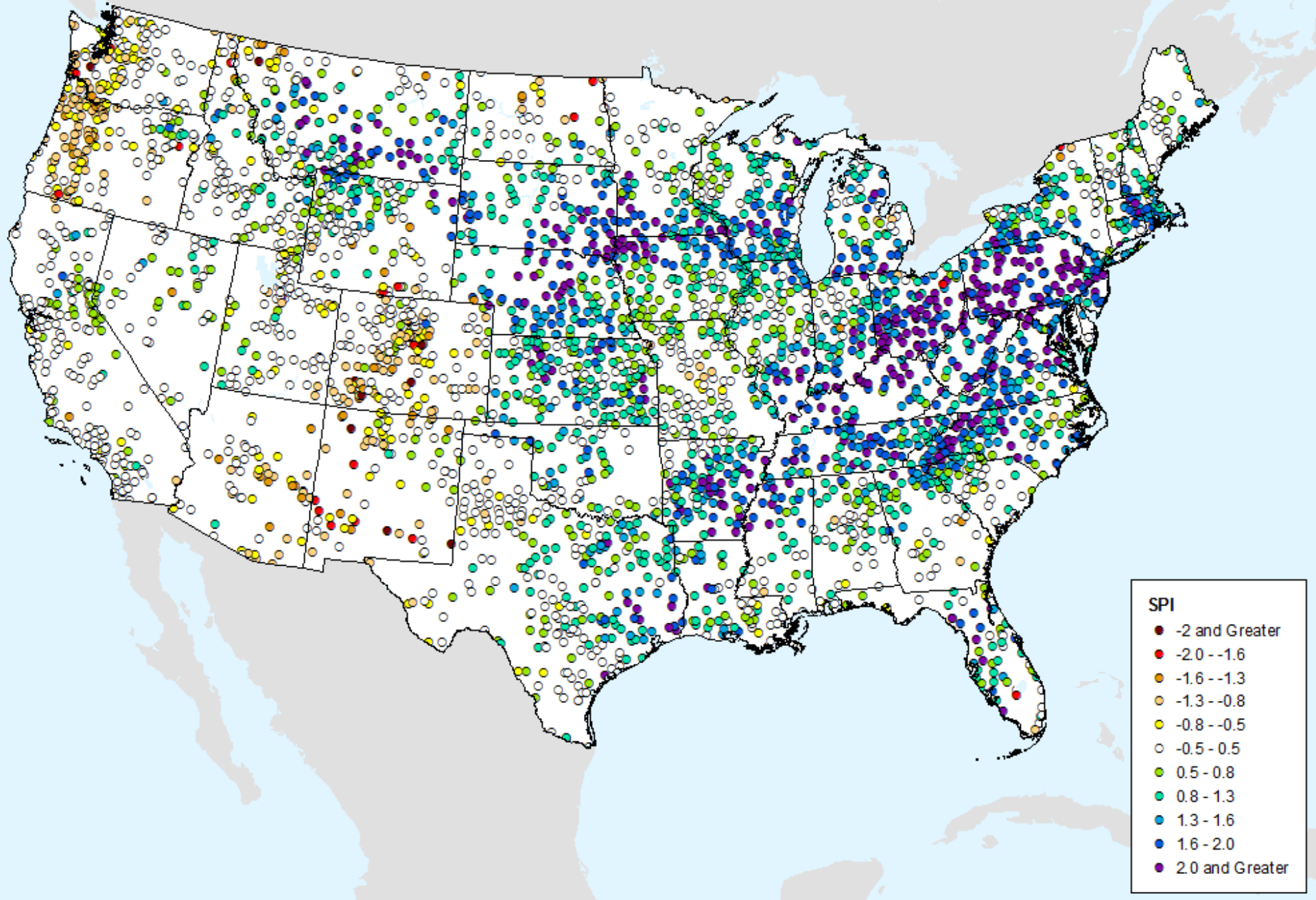
SPI

- -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. 13, 2019

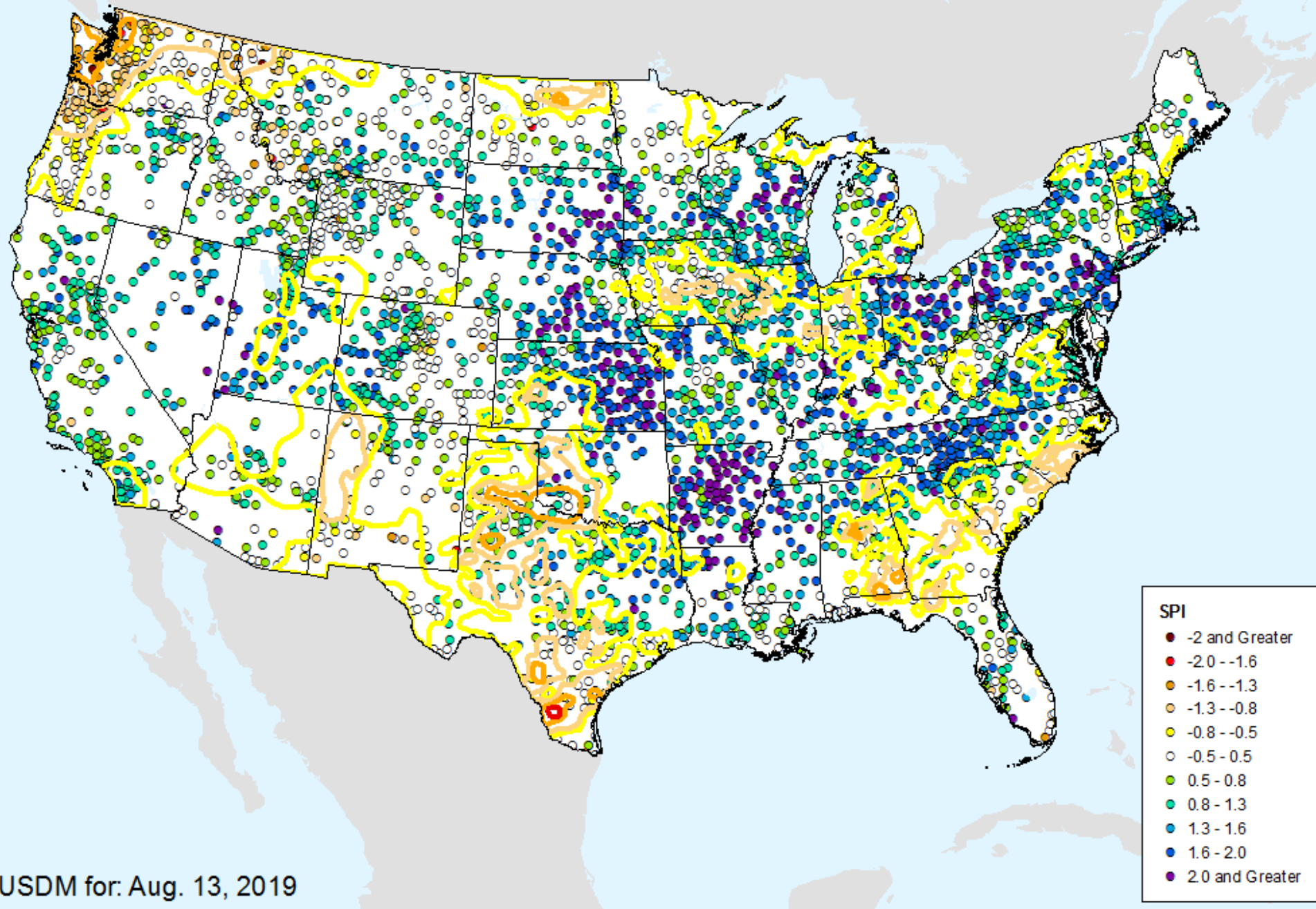
HPRCC 24-month SPI

As of: Tuesday, August 20, 2019



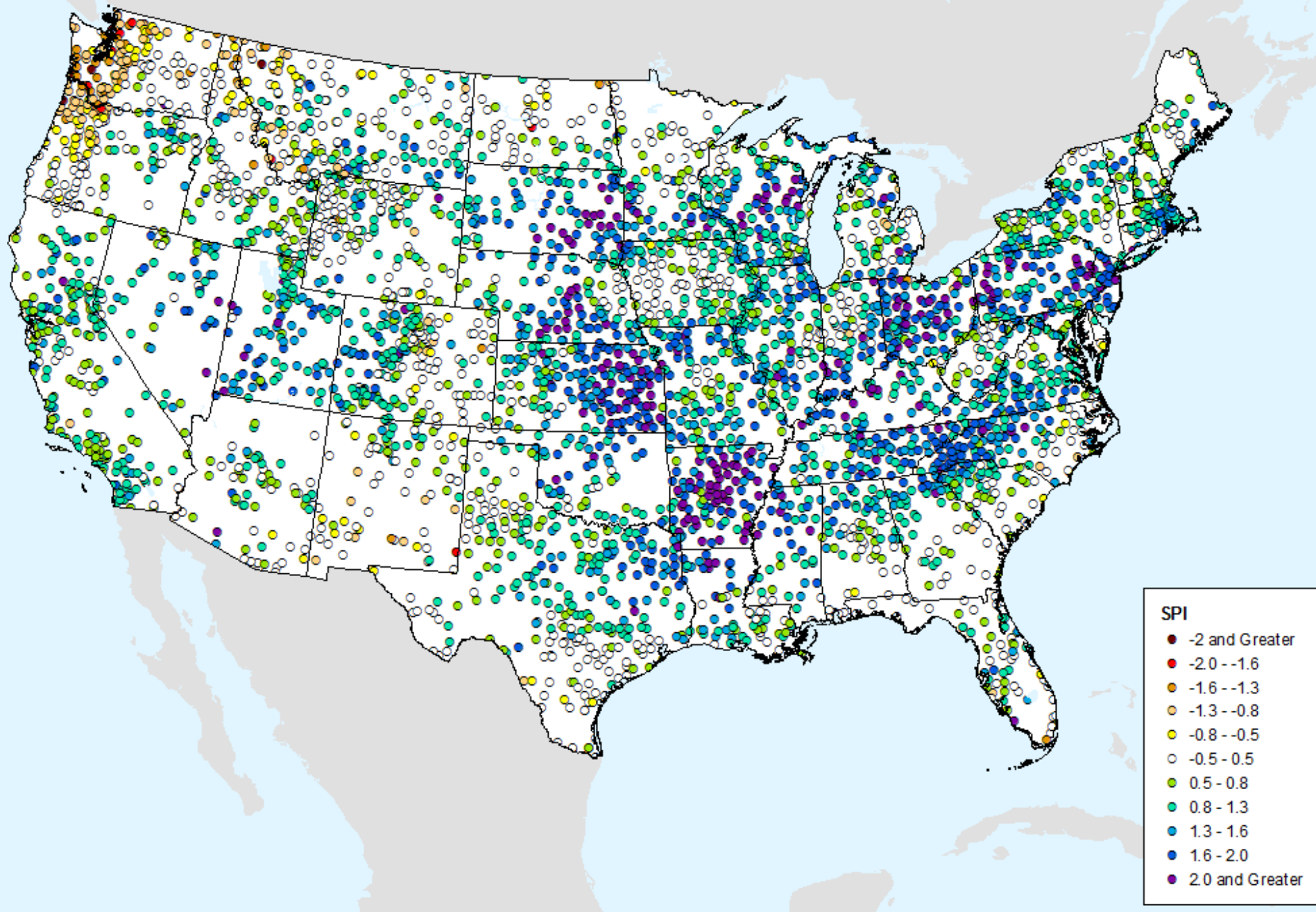
HPRCC Water Year-to-date SPI

As of: Tuesday, August 20, 2019



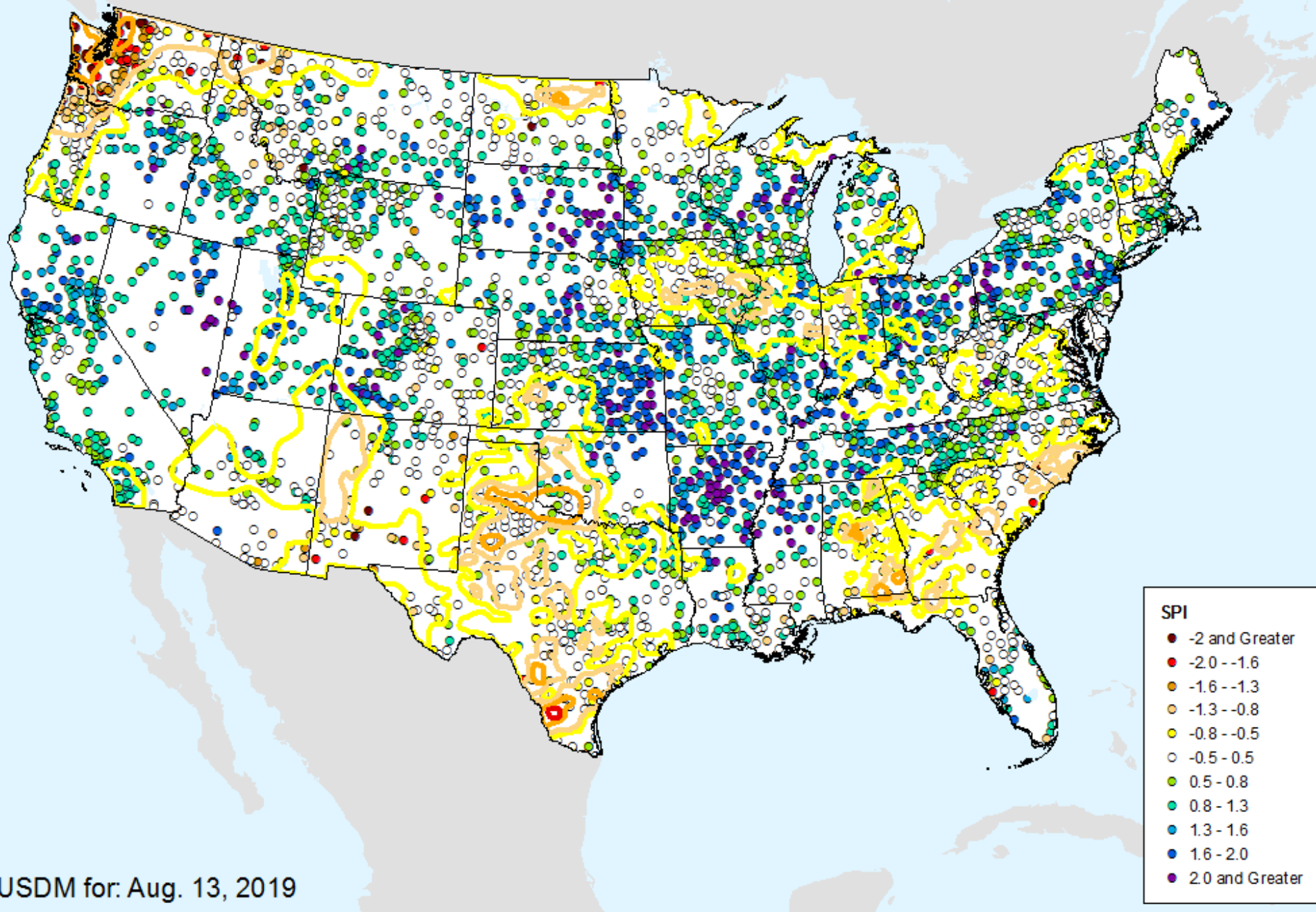
HPRCC Water Year-to-date SPI

As of: Tuesday, August 20, 2019



HPRCC Year-to-date SPI

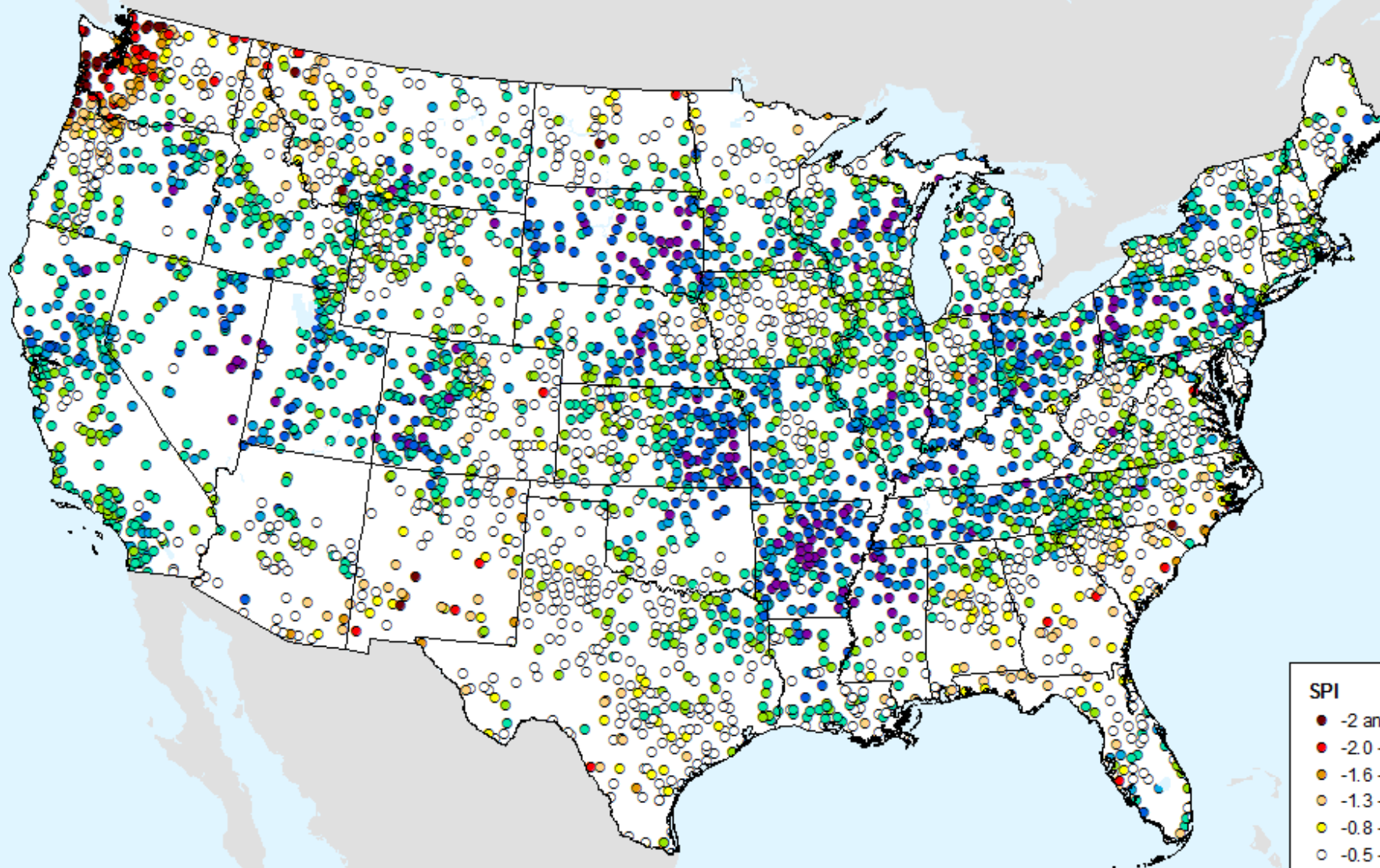
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

HPRCC Year-to-date SPI

As of: Tuesday, August 20, 2019

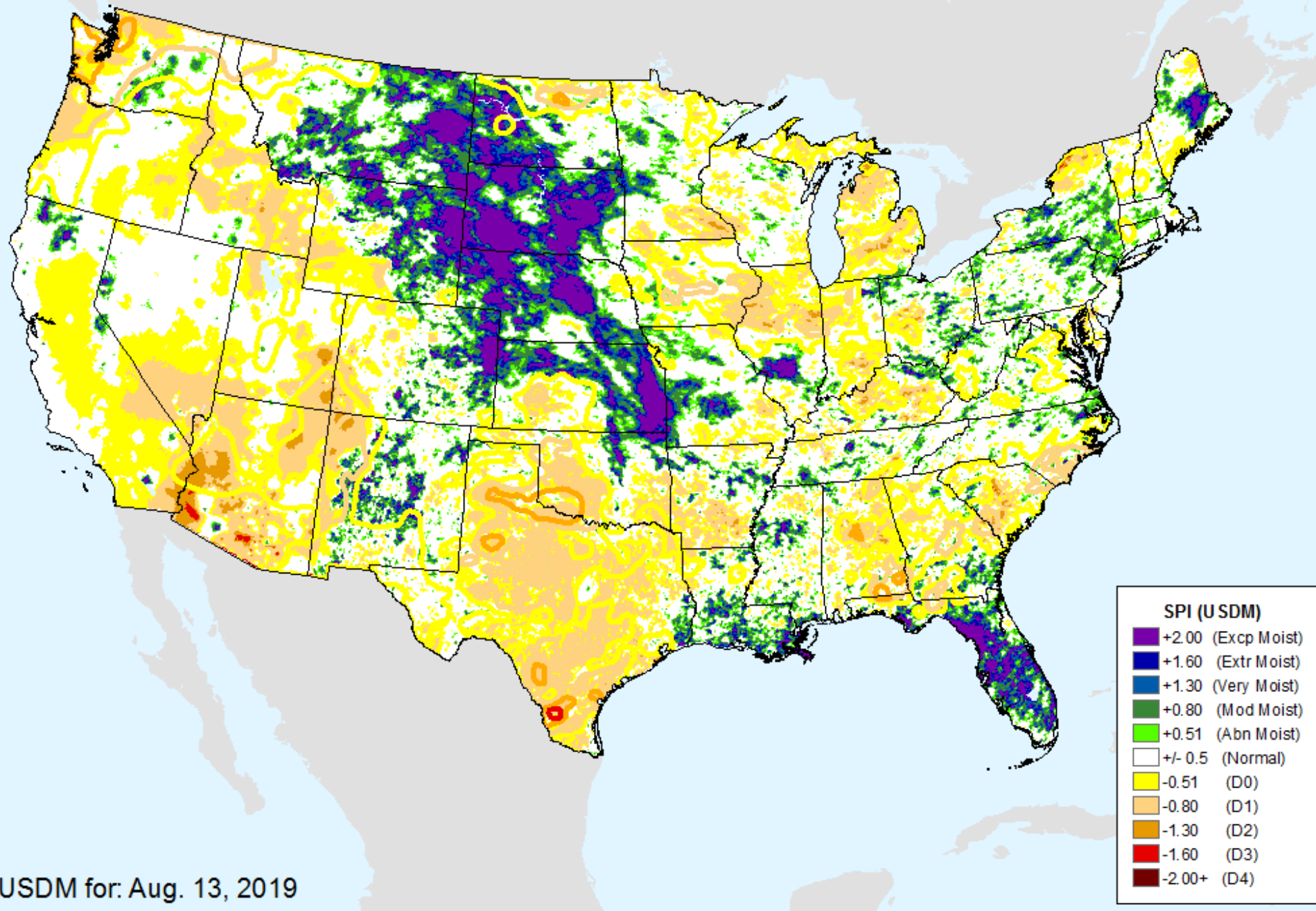


SPI

- -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

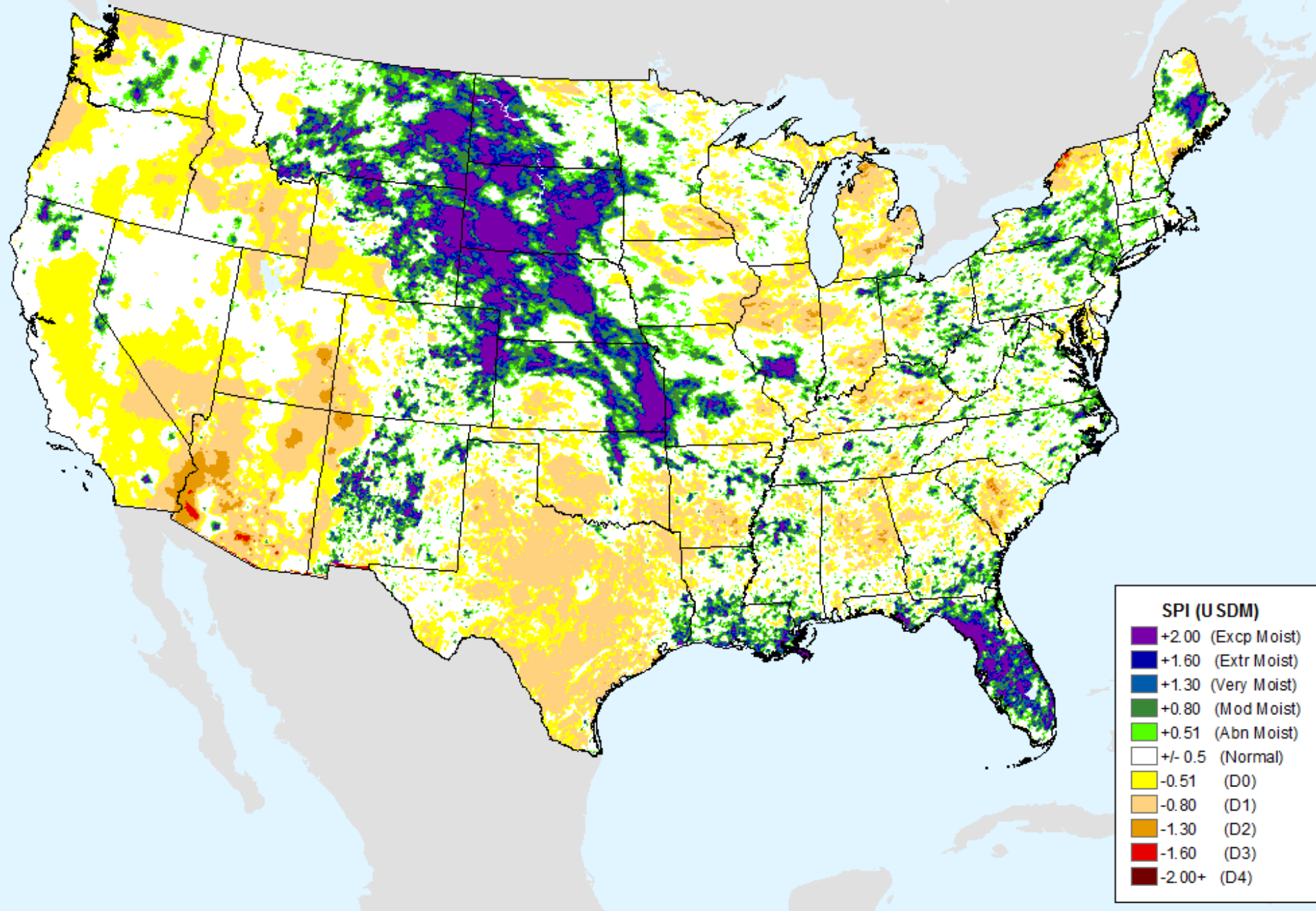
AHPS 1-month SPI

As of: Tuesday, August 20, 2019



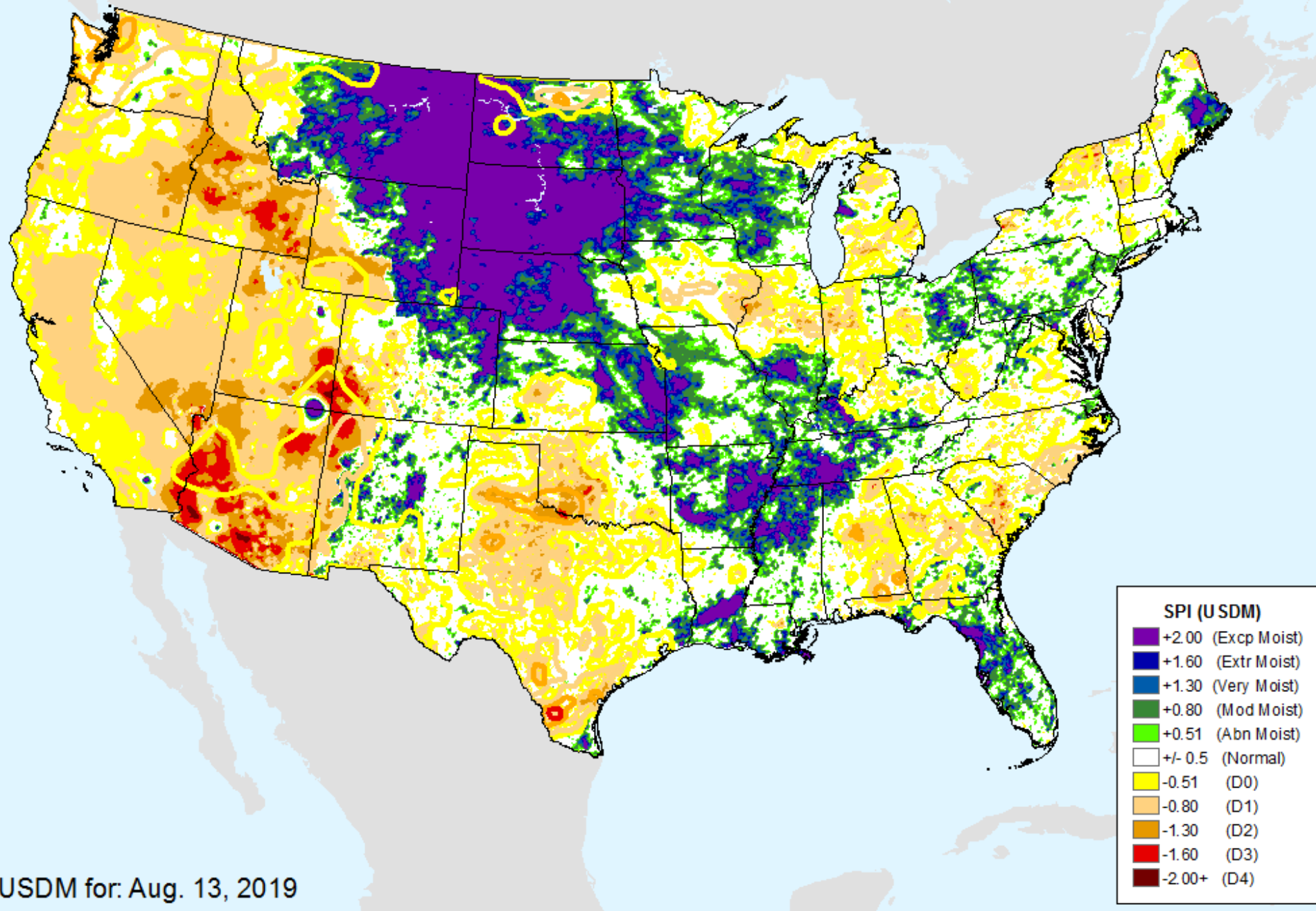
AHPS 1-month SPI

As of: Tuesday, August 20, 2019



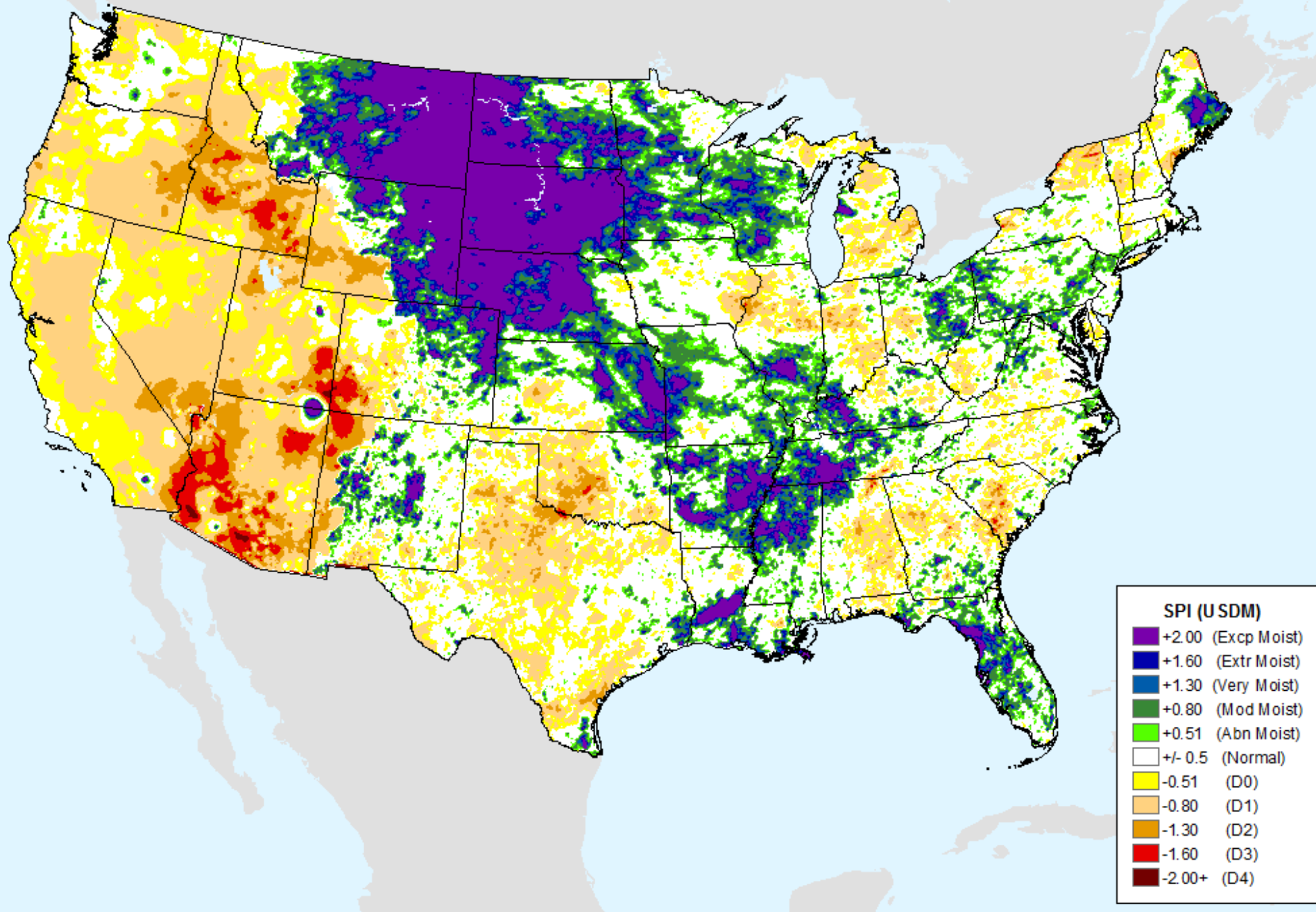
AHPS 2-month SPI

As of: Tuesday, August 20, 2019



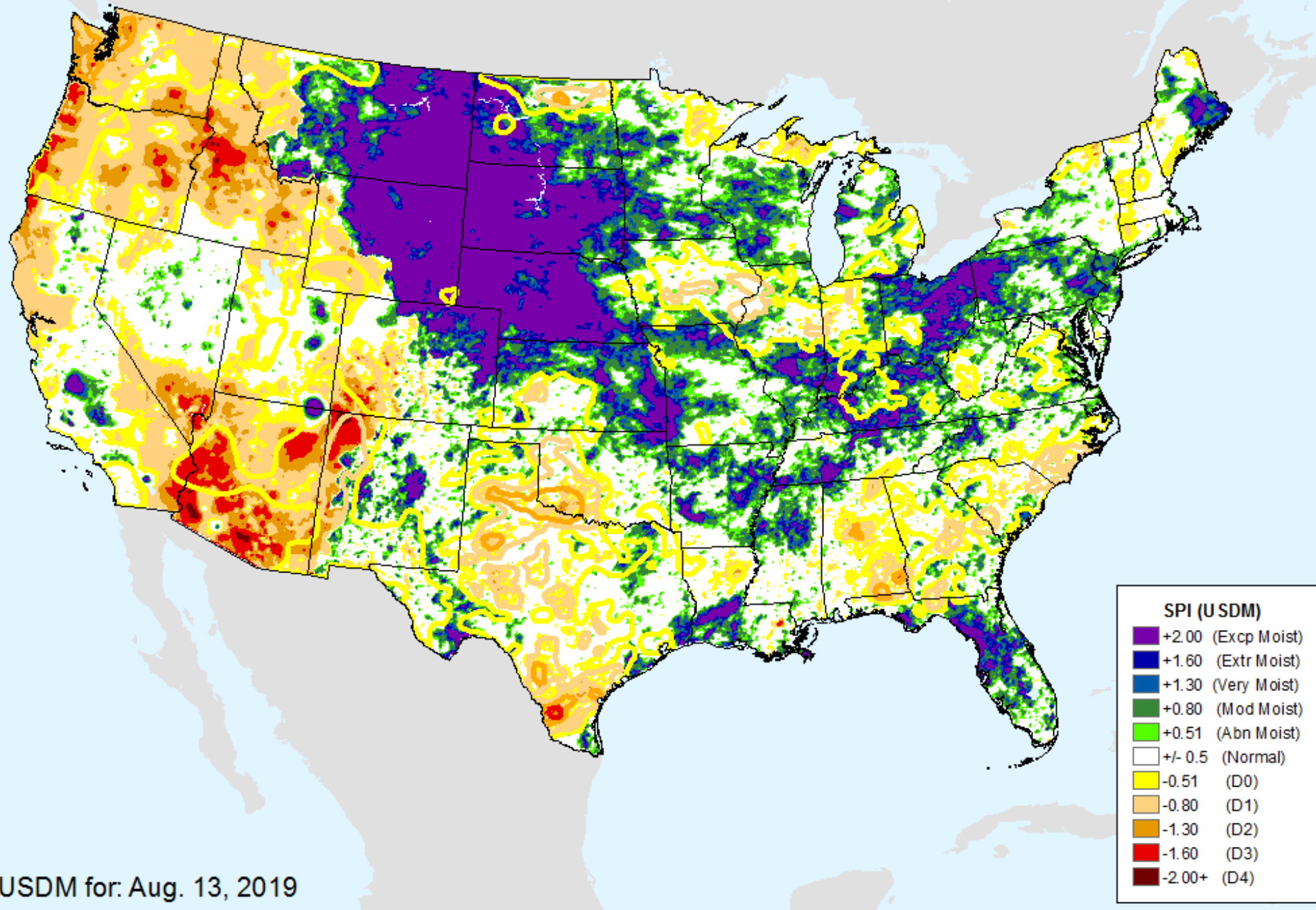
AHPS 2-month SPI

As of: Tuesday, August 20, 2019



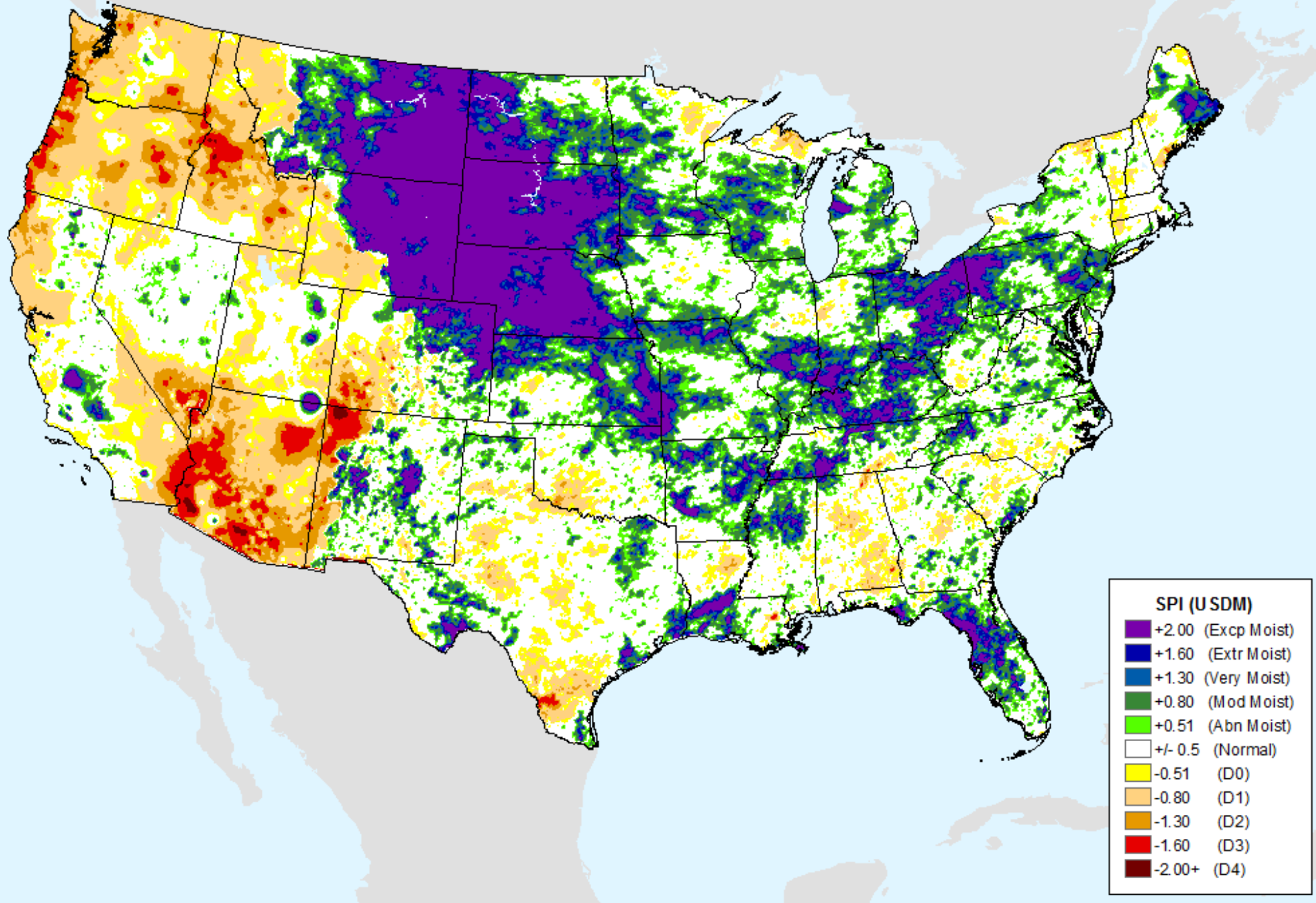
AHPS 3-month SPI

As of: Tuesday, August 20, 2019



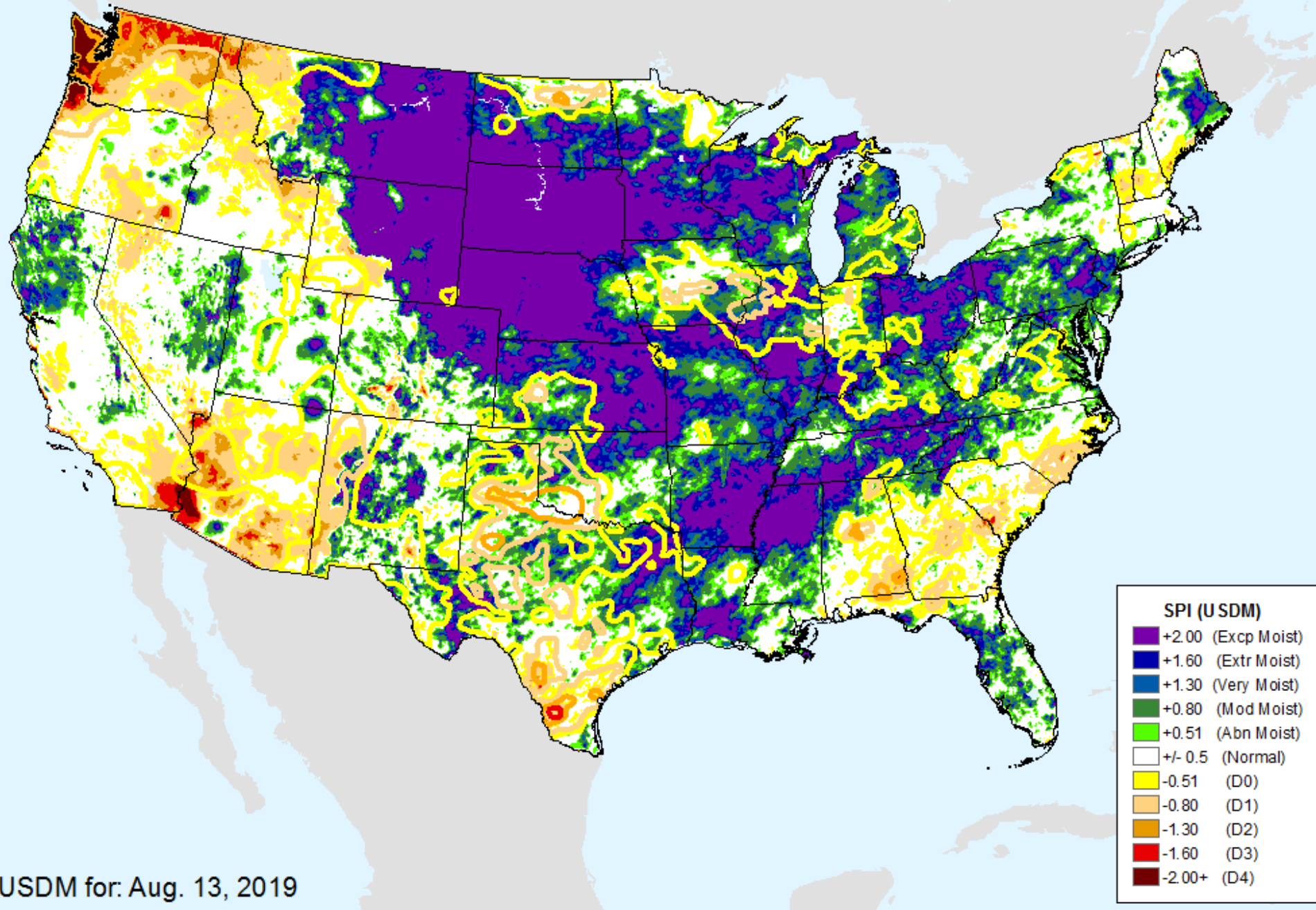
AHPS 3-month SPI

As of: Tuesday, August 20, 2019



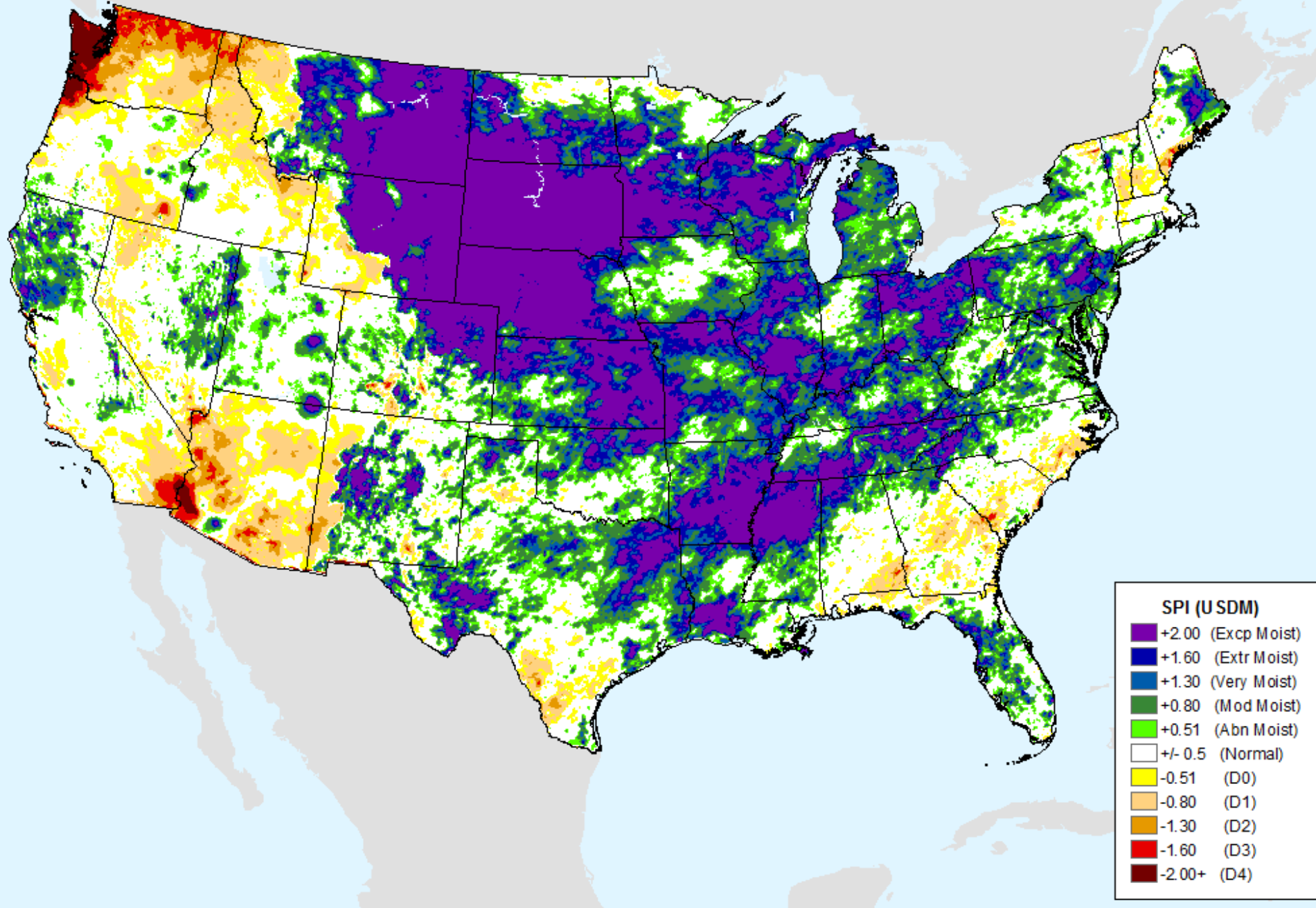
AHPS 6-month SPI

As of: Tuesday, August 20, 2019



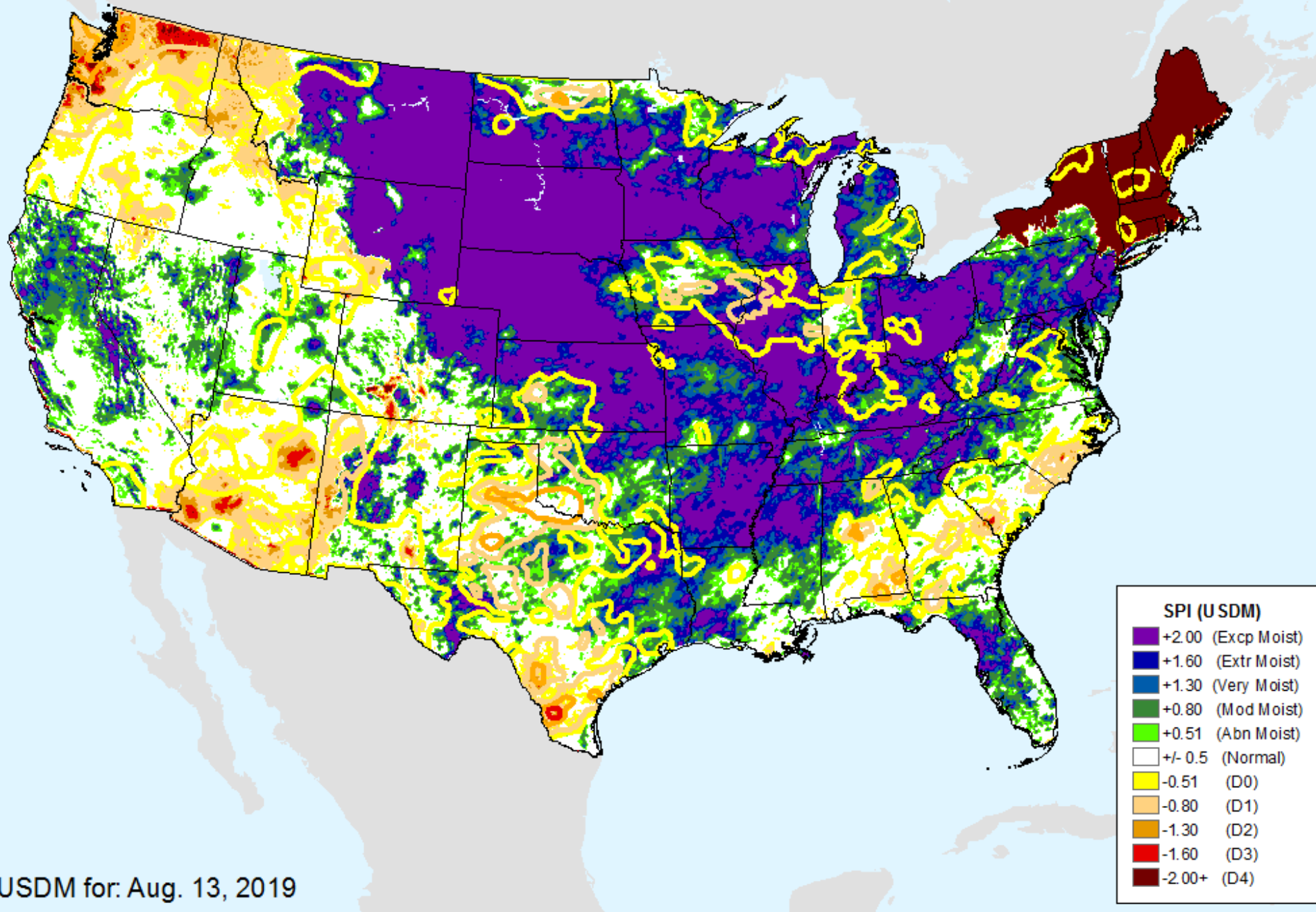
AHPS 6-month SPI

As of: Tuesday, August 20, 2019



AHPS 9-month SPI

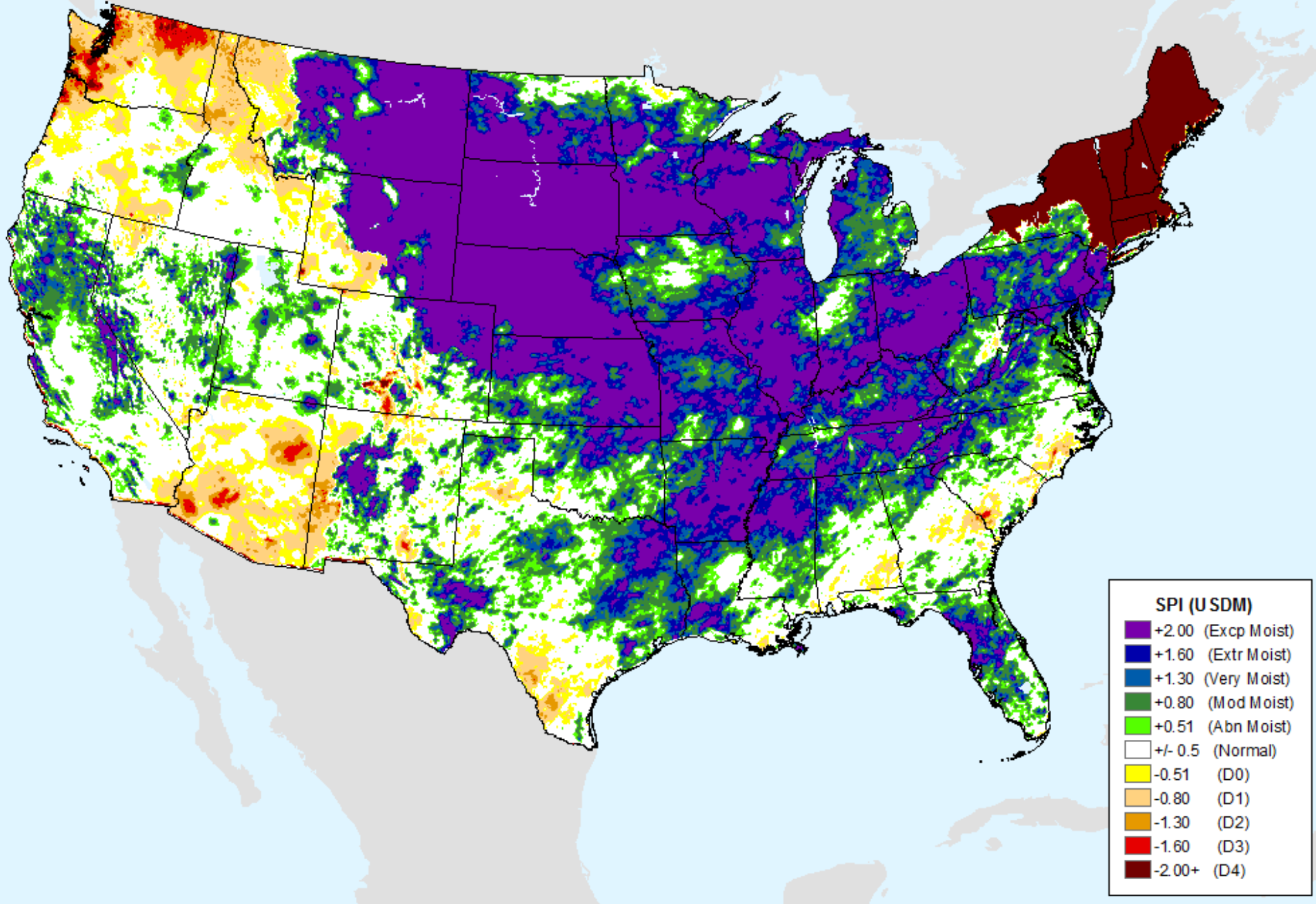
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

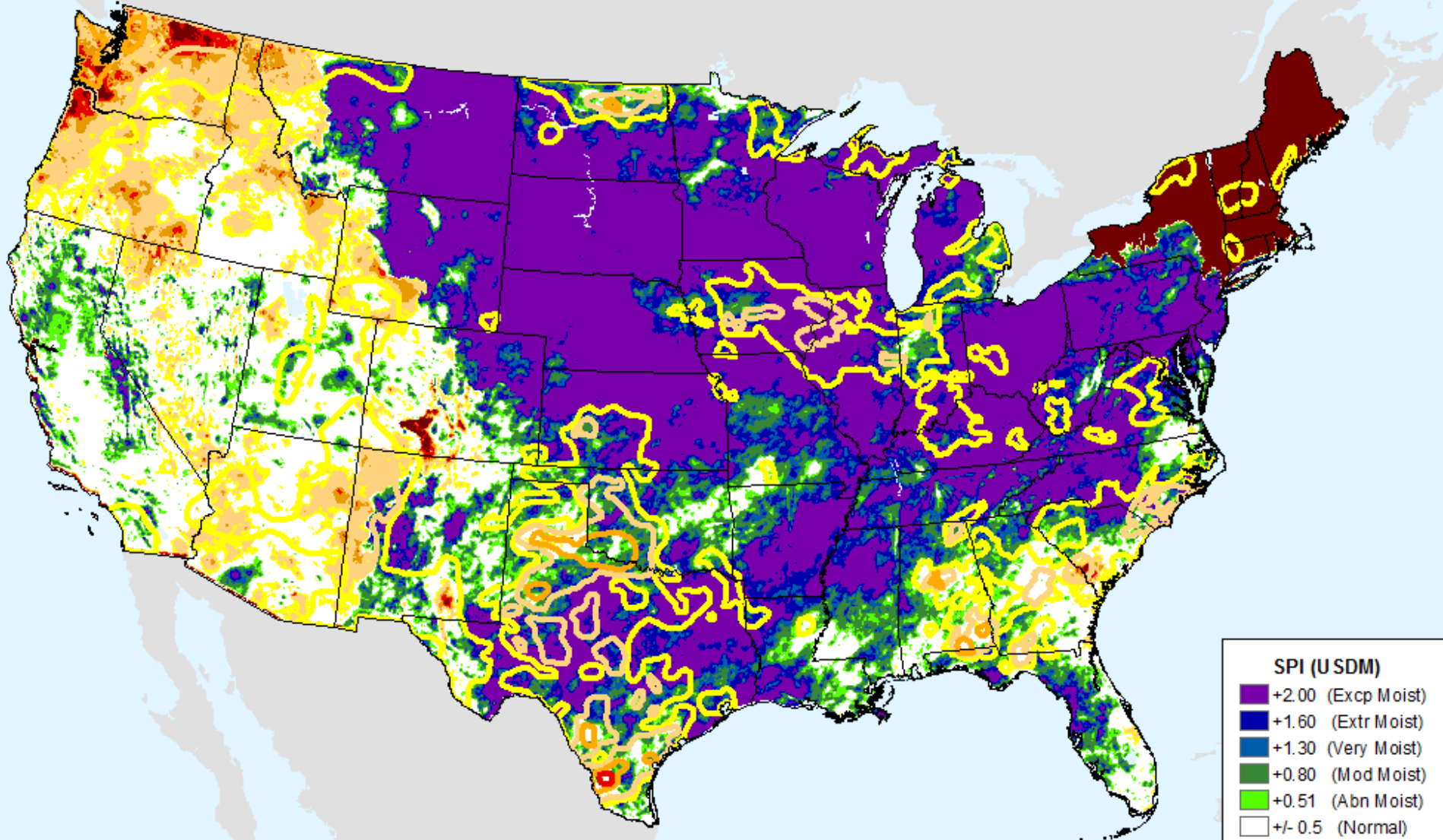
AHPS 9-month SPI

As of: Tuesday, August 20, 2019



AHPS 12-month SPI

As of: Tuesday, August 20, 2019

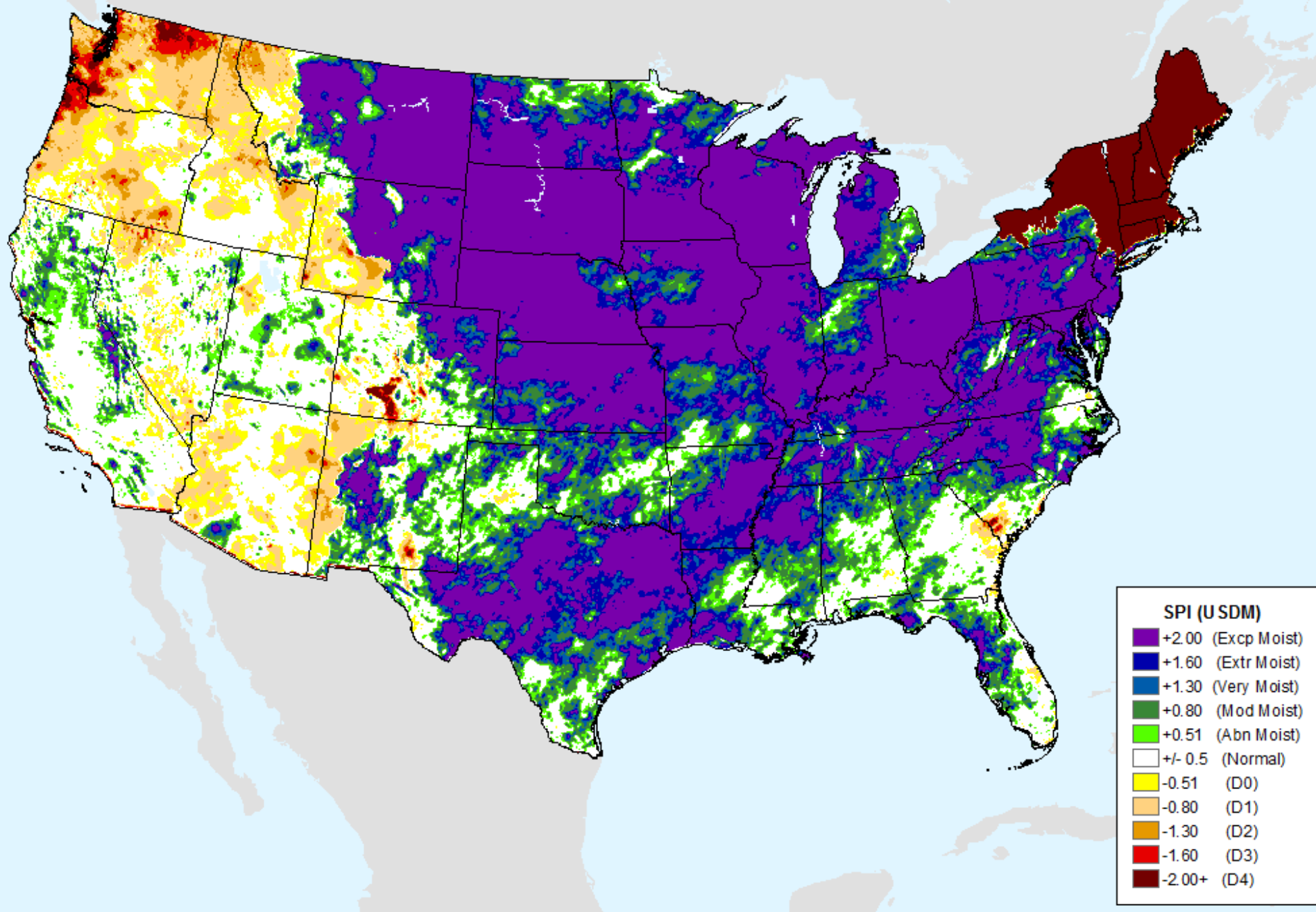


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Blue	+1.60 (Extr Moist)
Light Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 13, 2019

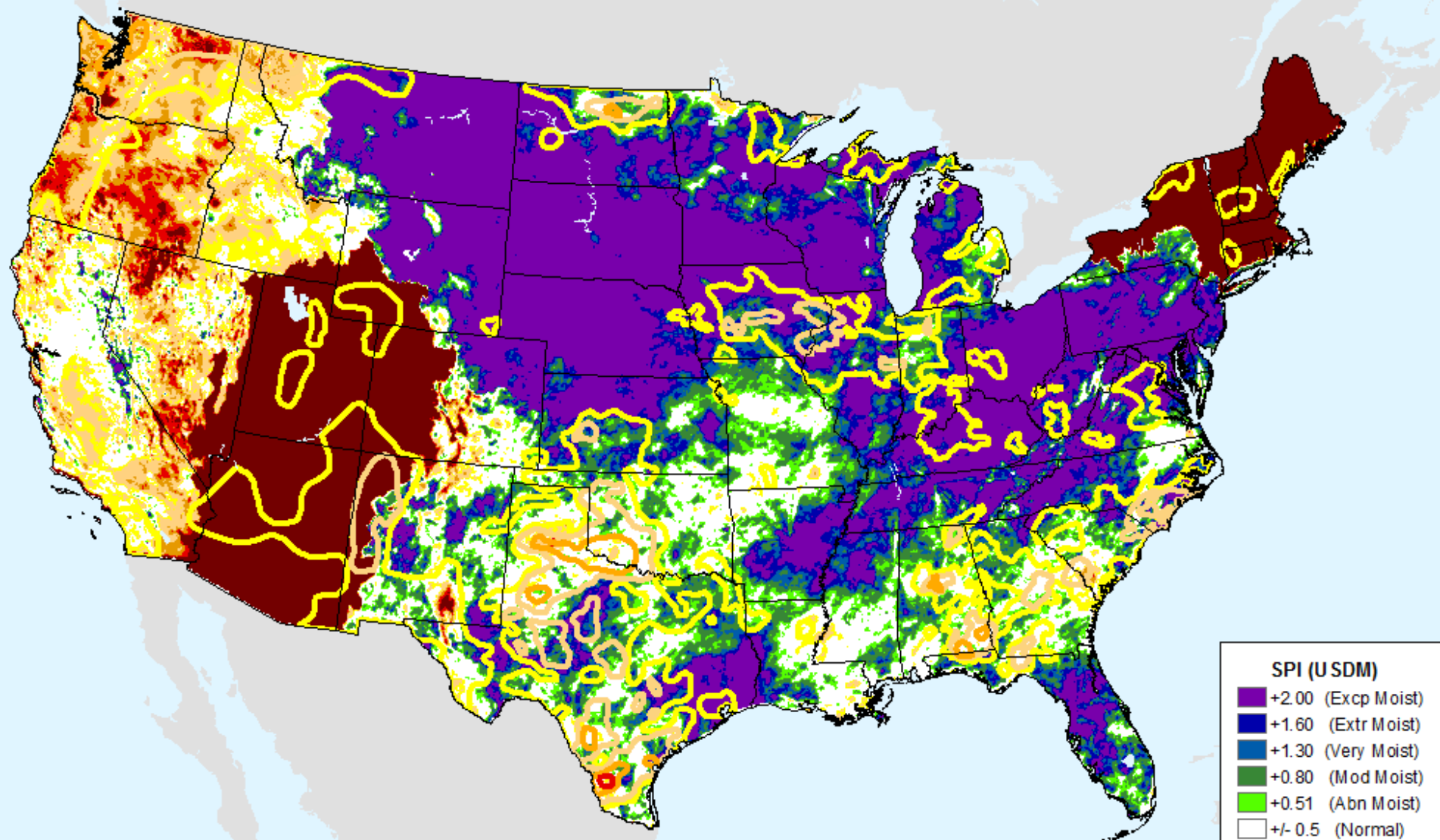
AHPS 12-month SPI

As of: Tuesday, August 20, 2019



AHPS 24-month SPI

As of: Tuesday, August 20, 2019

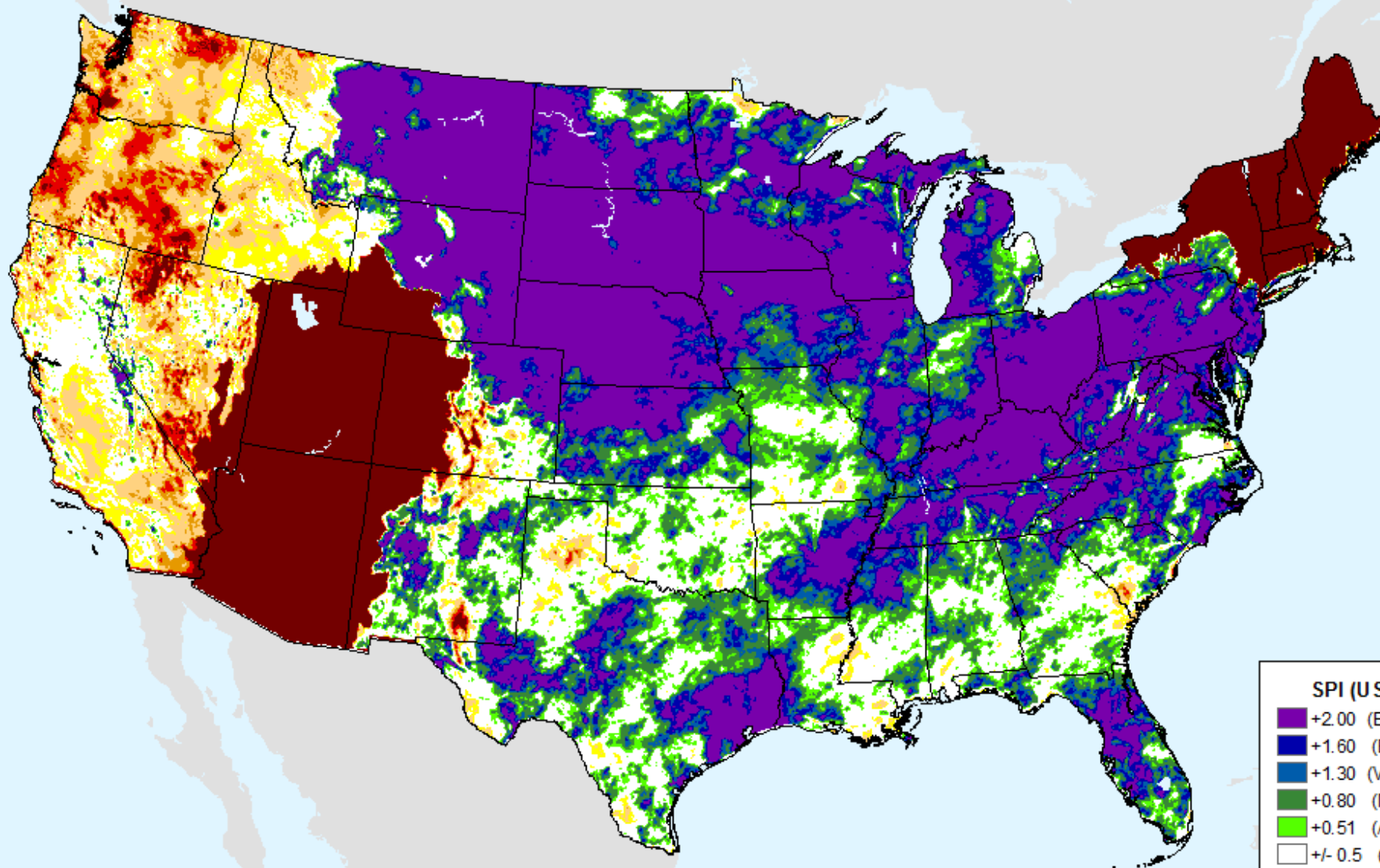


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red-Orange	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 13, 2019

AHPS 24-month SPI

As of: Tuesday, August 20, 2019

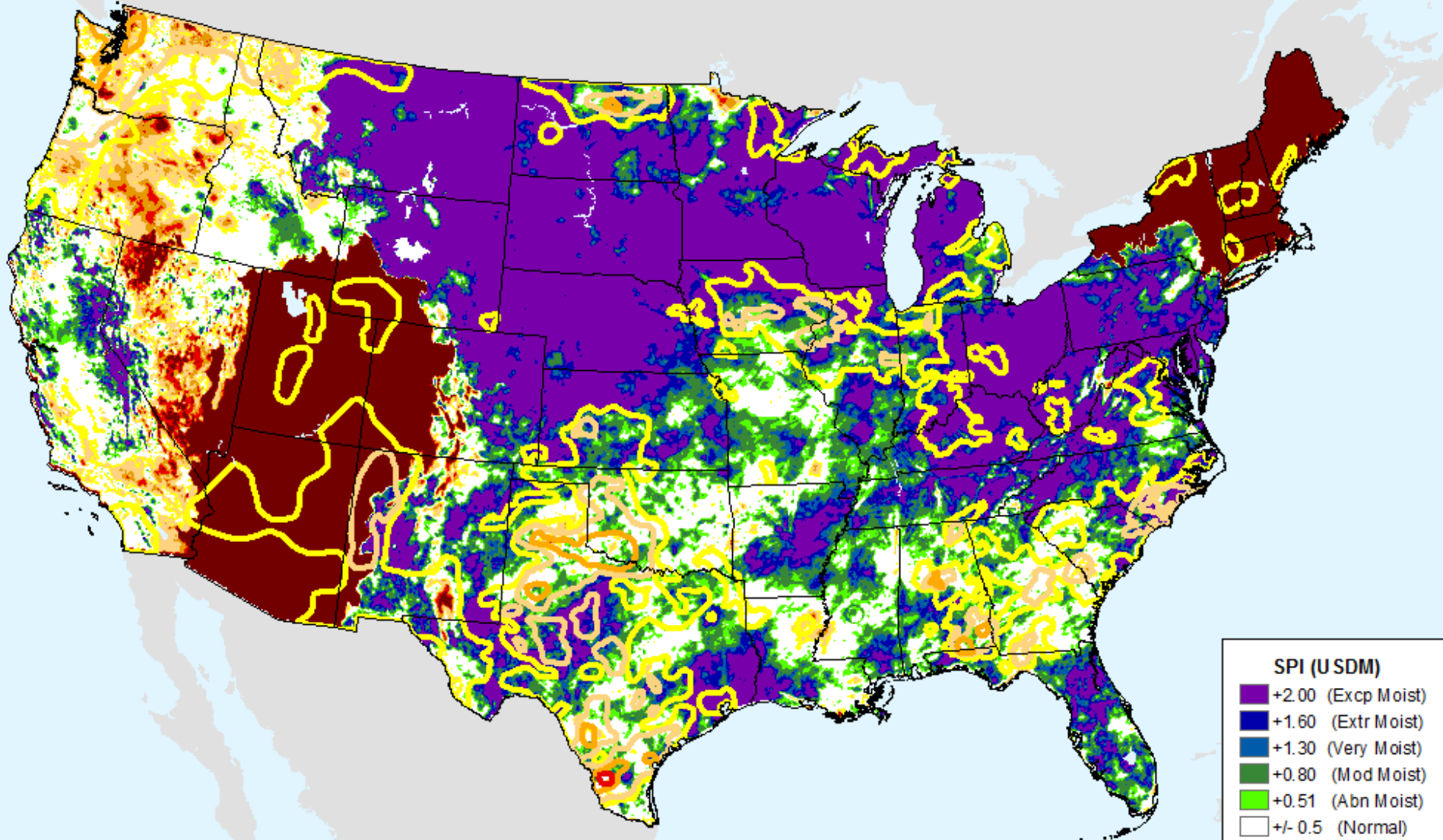


SPI (USDM)

- +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 20, 2019

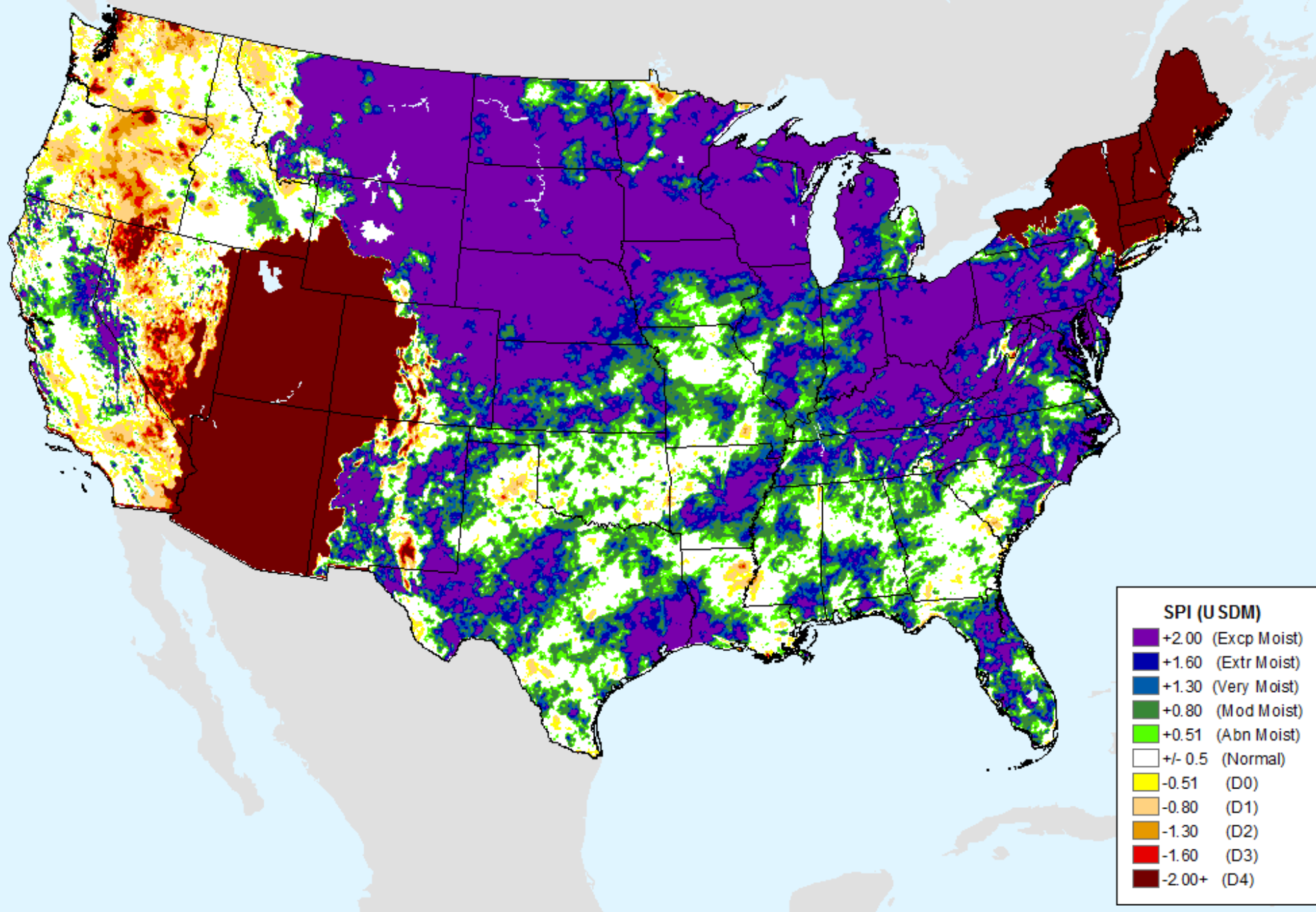


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Blue	+1.60 (Extr Moist)
Dark Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 13, 2019

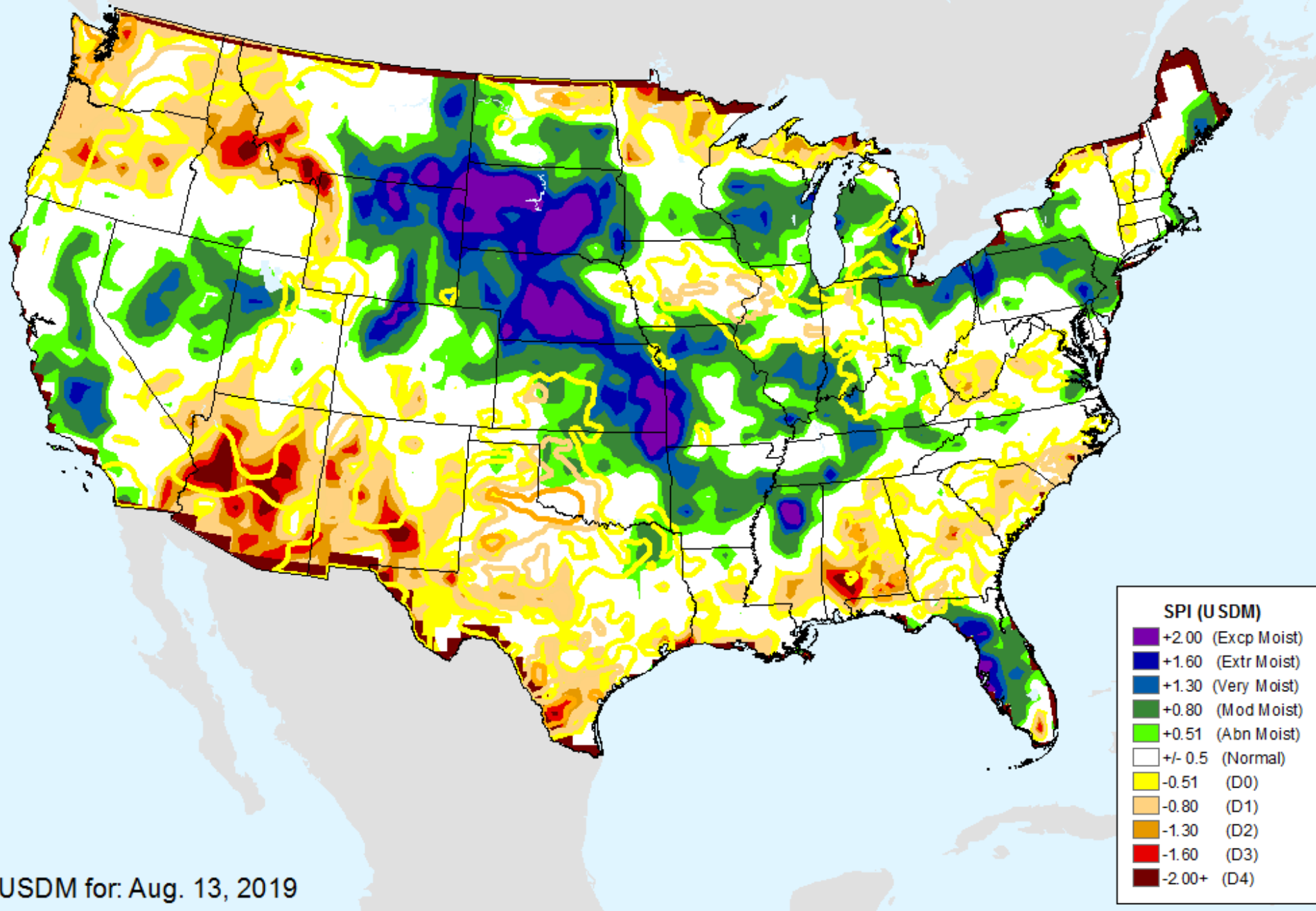
AHPS 36-month SPI

As of: Tuesday, August 20, 2019



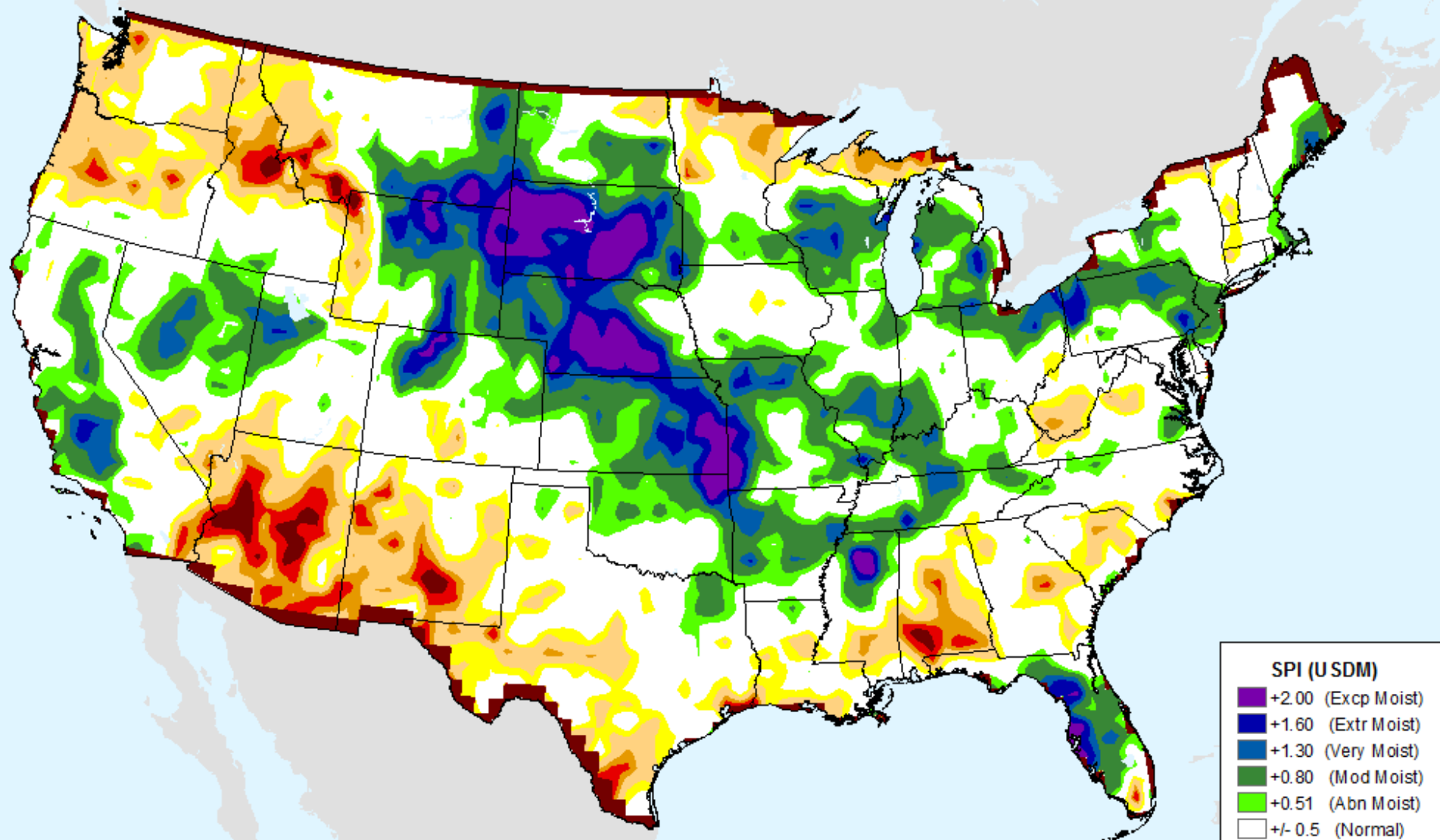
CPC 3-month SPI

As of: Tuesday, August 20, 2019



CPC 3-month SPI

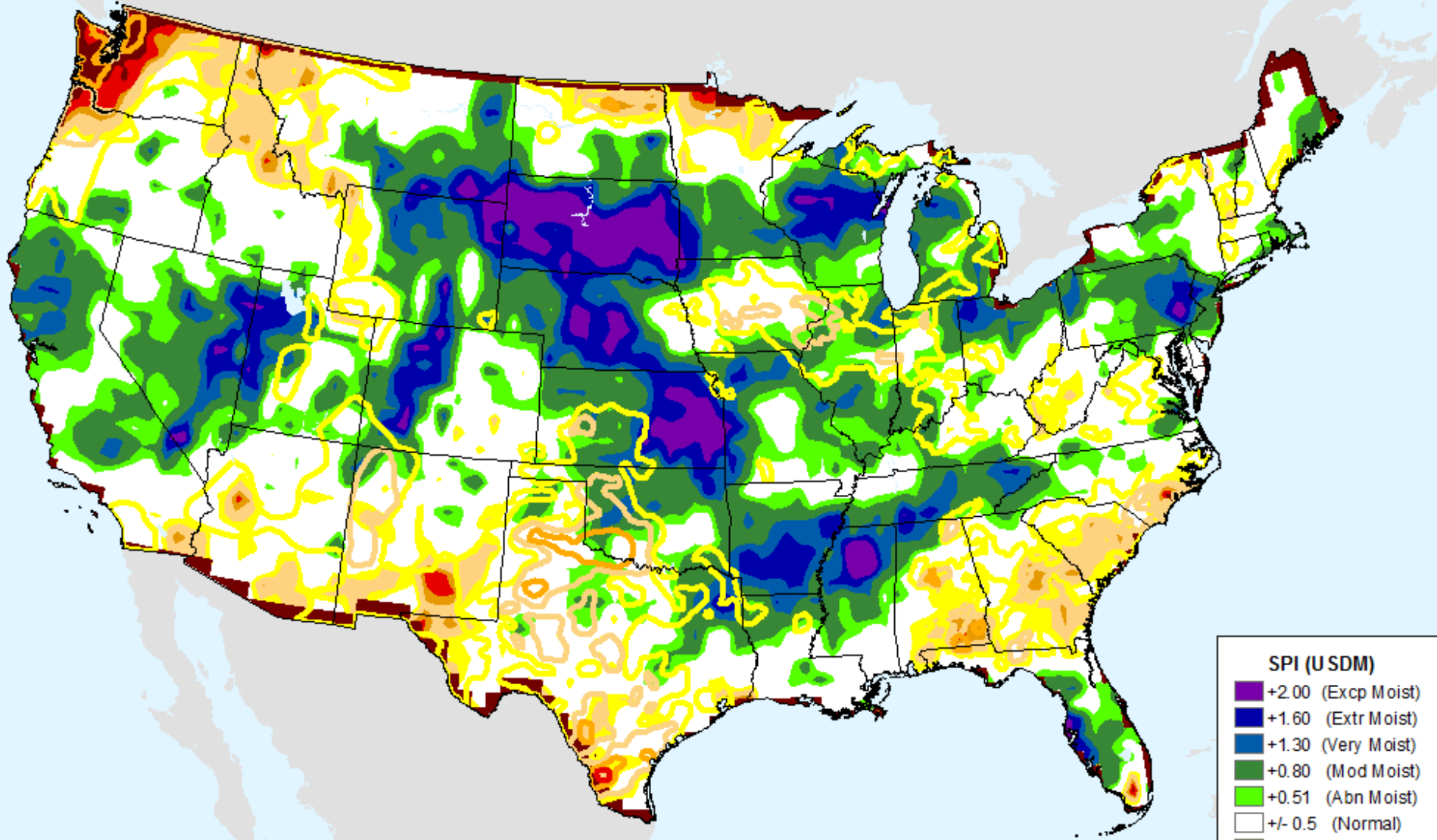
As of: Tuesday, August 20, 2019



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)

CPC 6-month SPI

As of: Tuesday, August 20, 2019

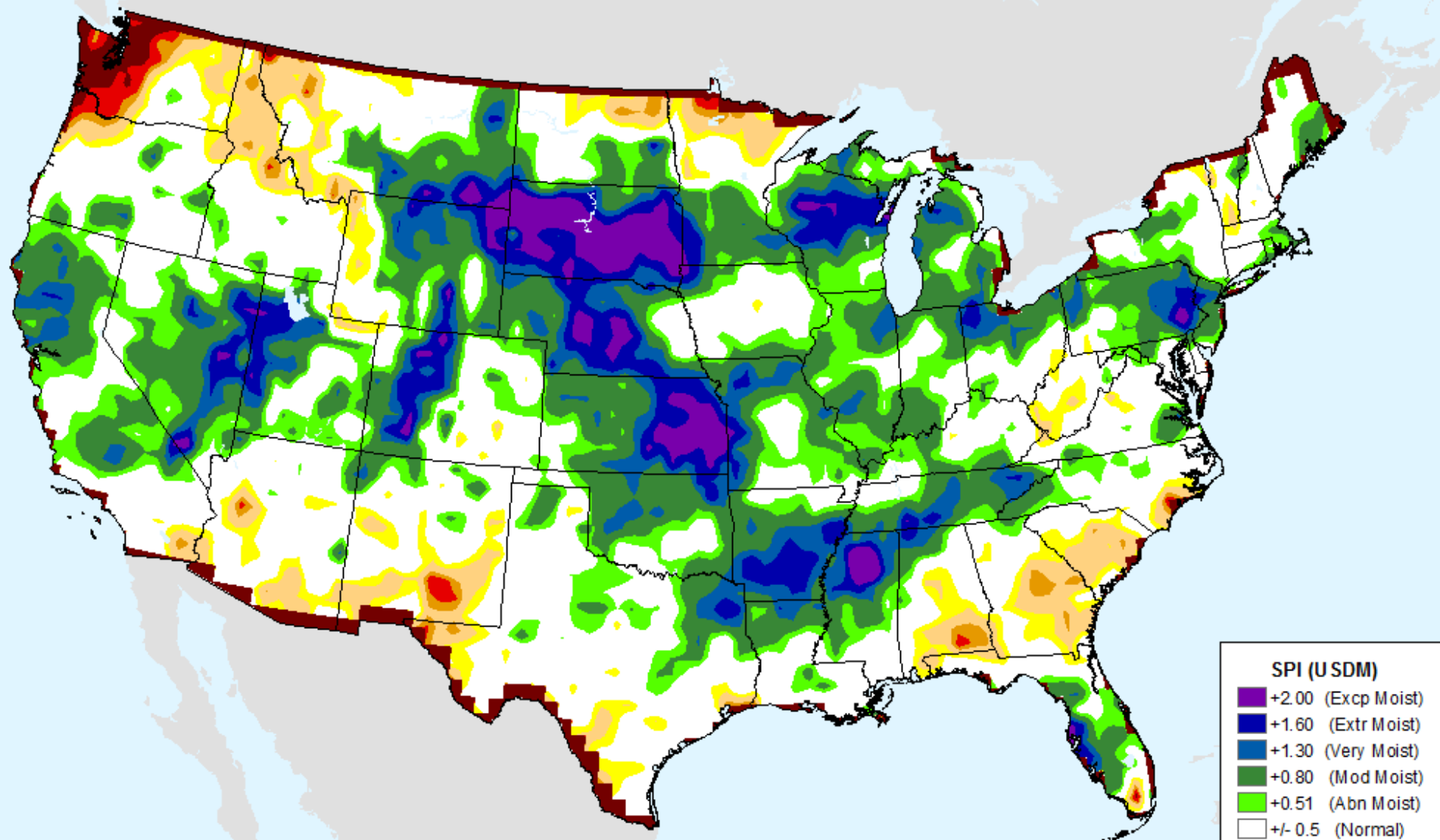


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 13, 2019

CPC 6-month SPI

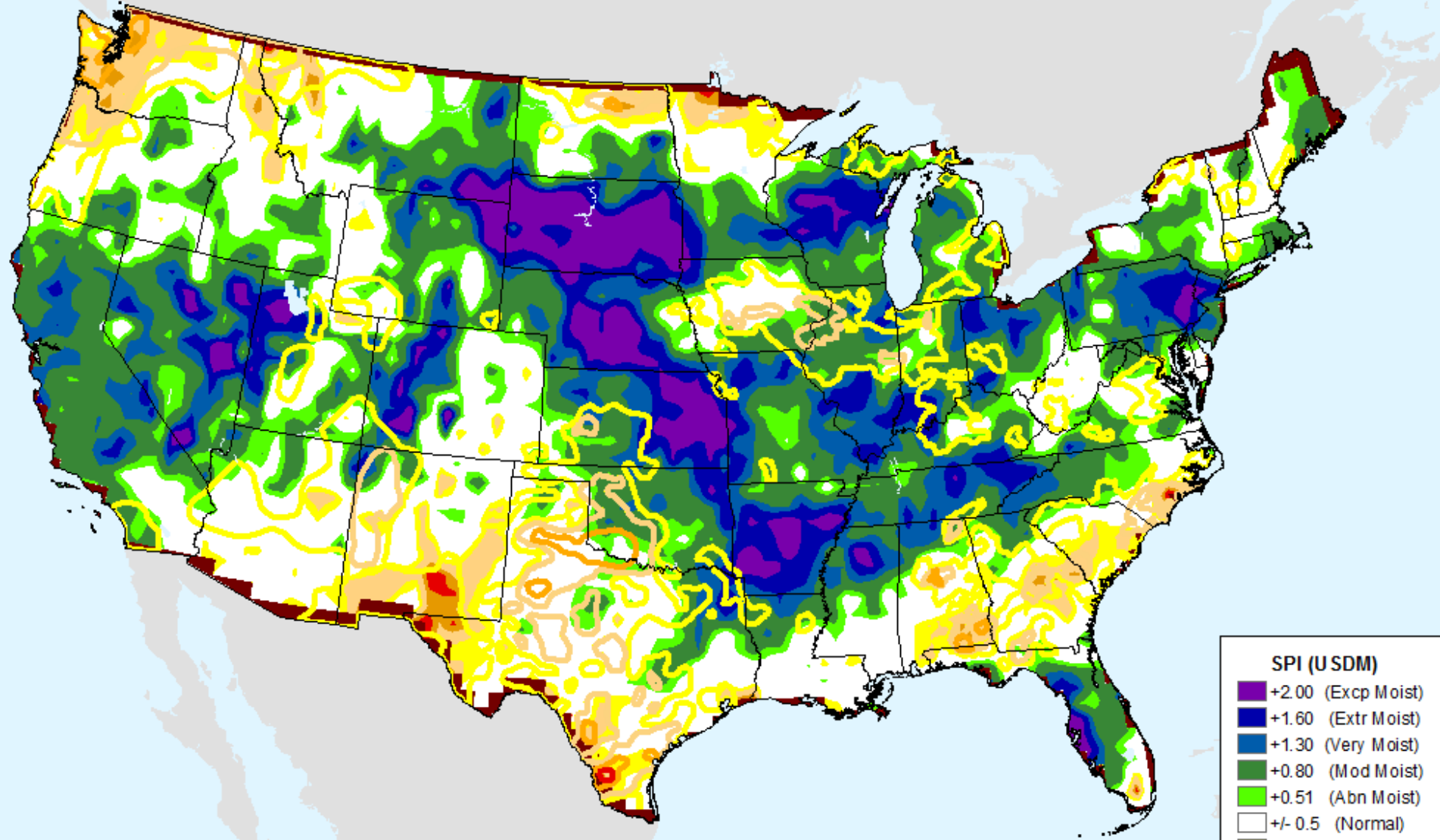
As of: Tuesday, August 20, 2019



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)

CPC 9-month SPI

As of: Tuesday, August 20, 2019

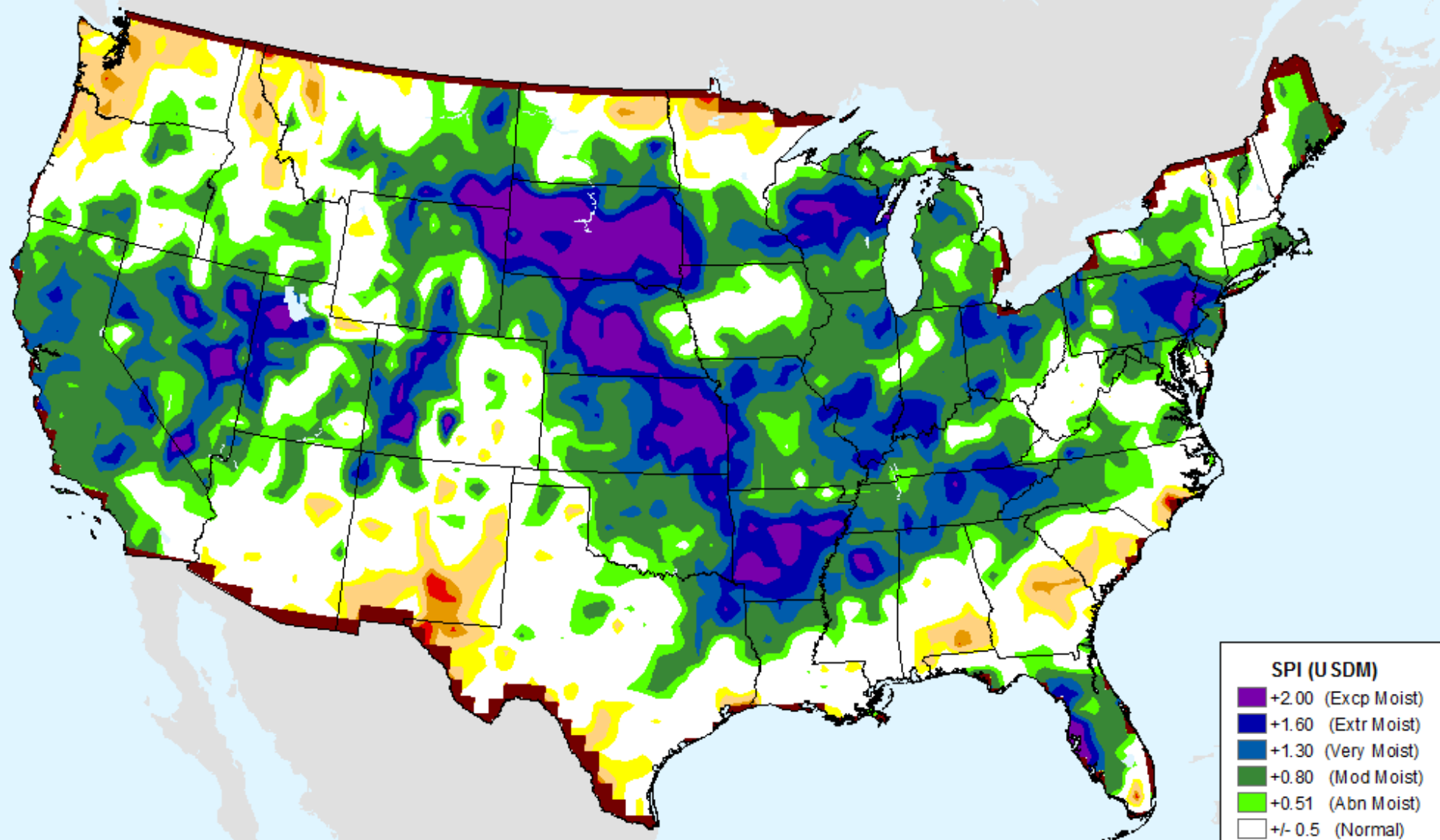


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red-Orange	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 13, 2019

CPC 9-month SPI

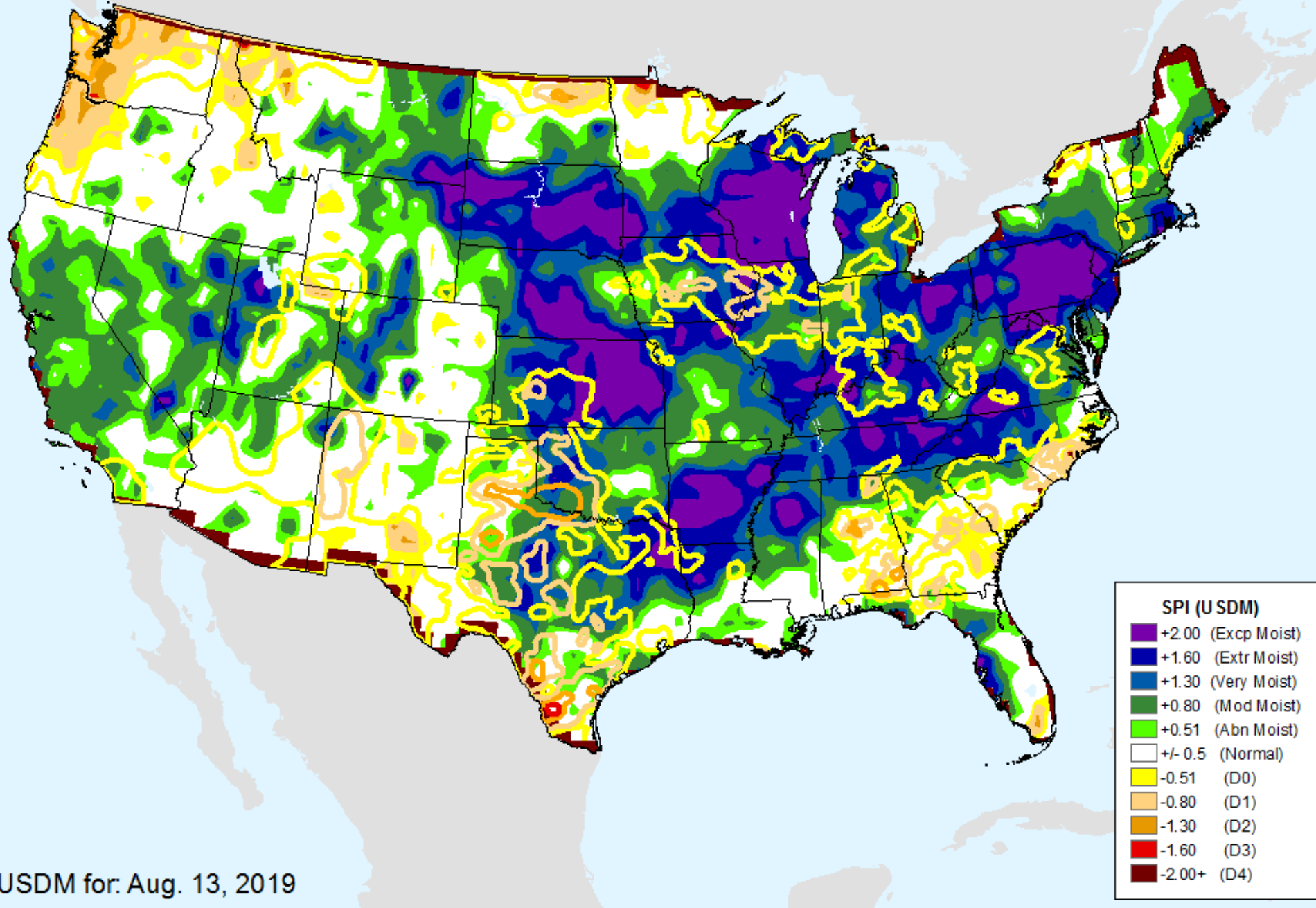
As of: Tuesday, August 20, 2019



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)

CPC 12-month SPI

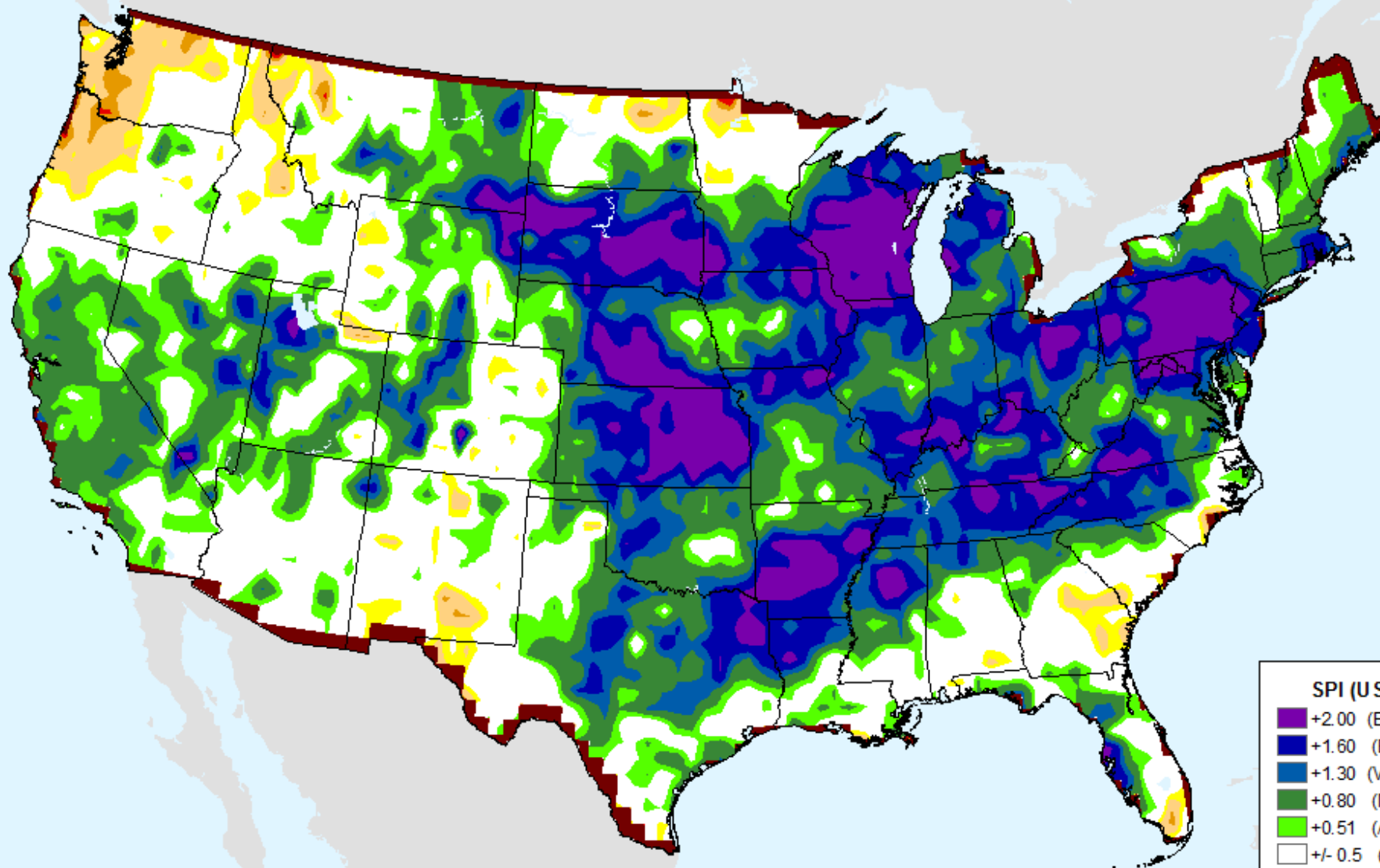
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

CPC 12-month SPI

As of: Tuesday, August 20, 2019

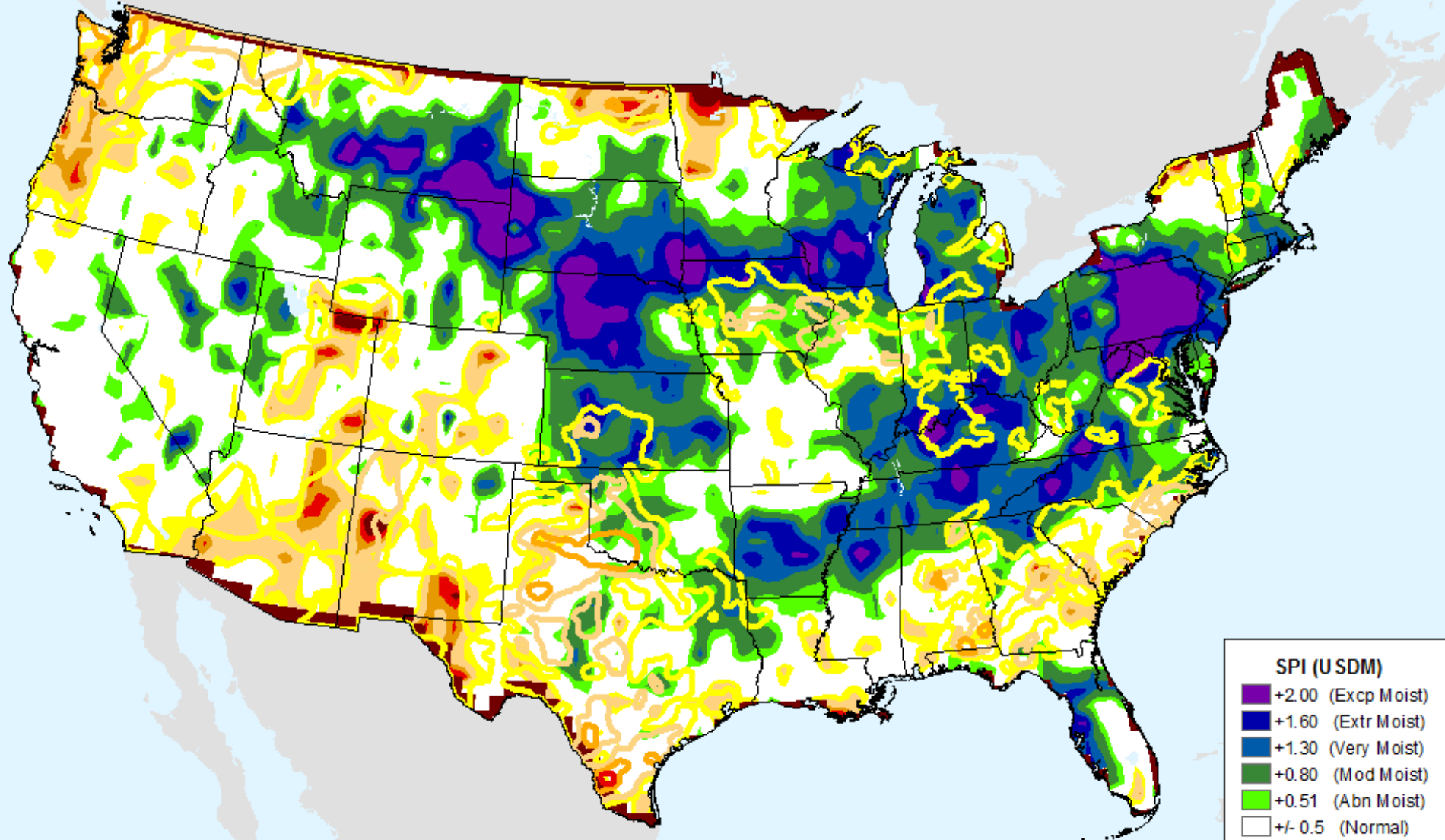


SPI (USDM)

- +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)

CPC 24-month SPI

As of: Tuesday, August 20, 2019

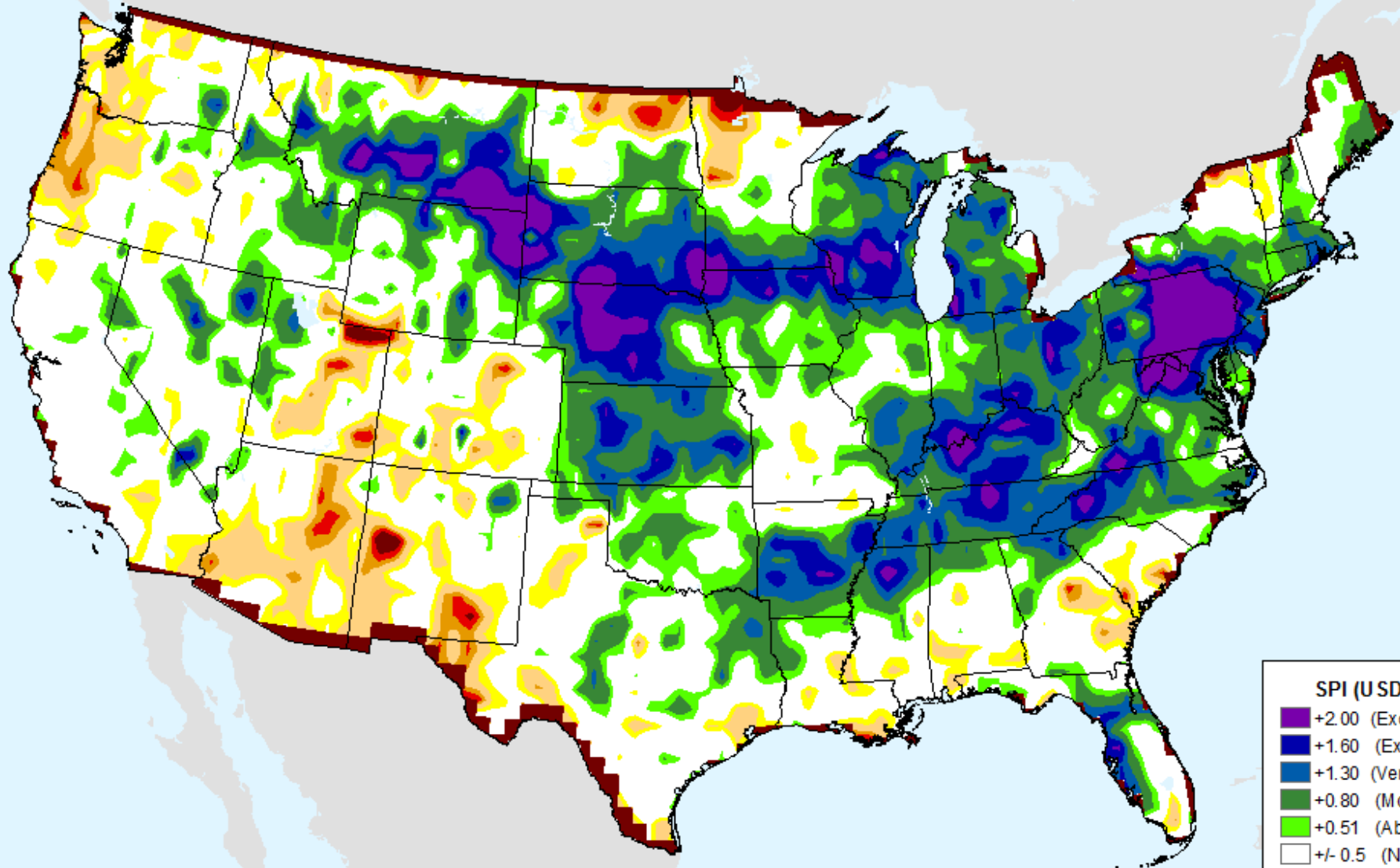


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Aug. 13, 2019

CPC 24-month SPI

As of: Tuesday, August 20, 2019

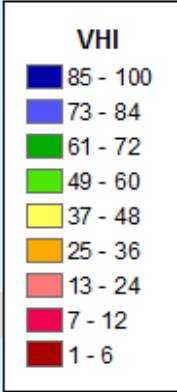
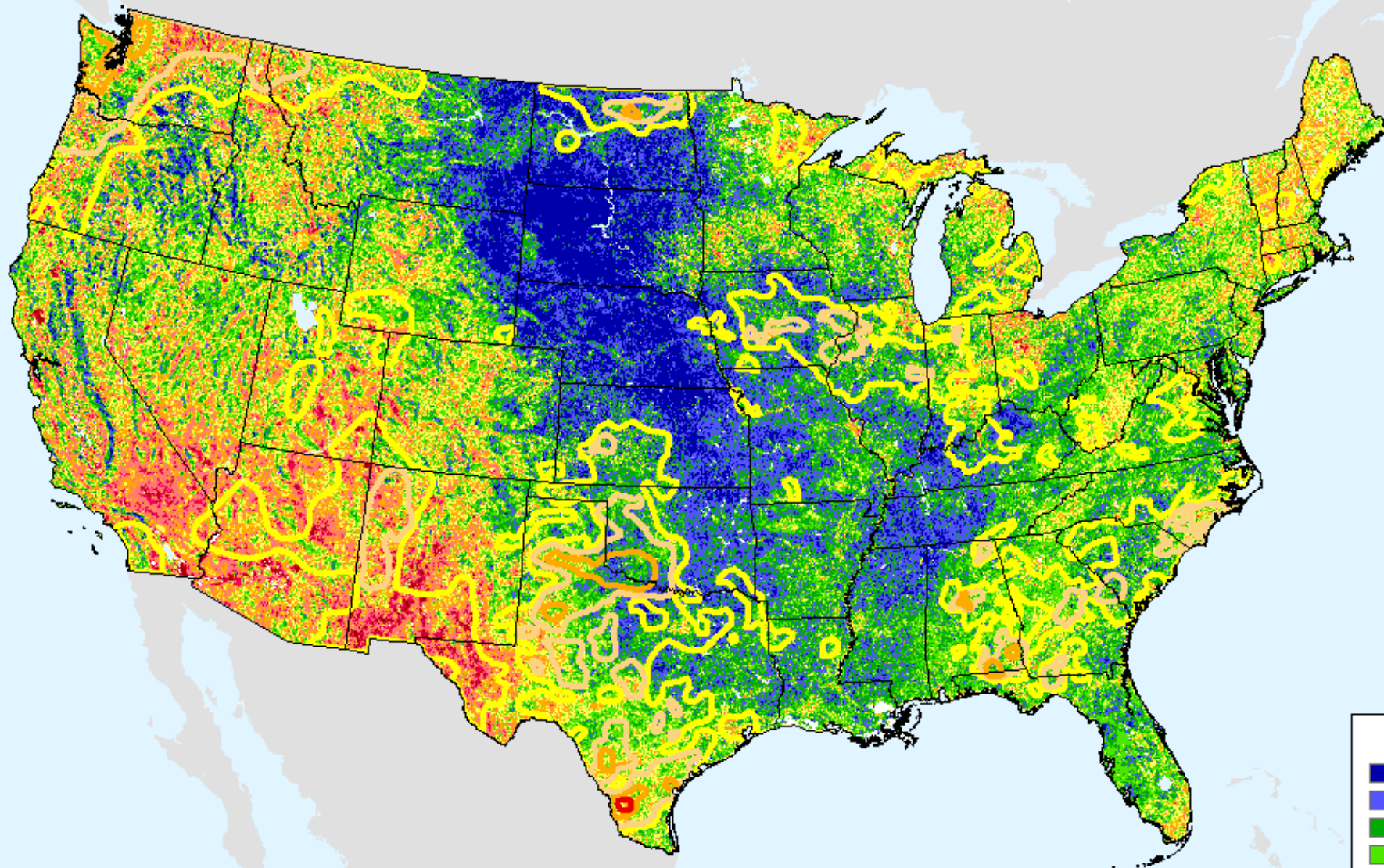


SPI (USDM)

- +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

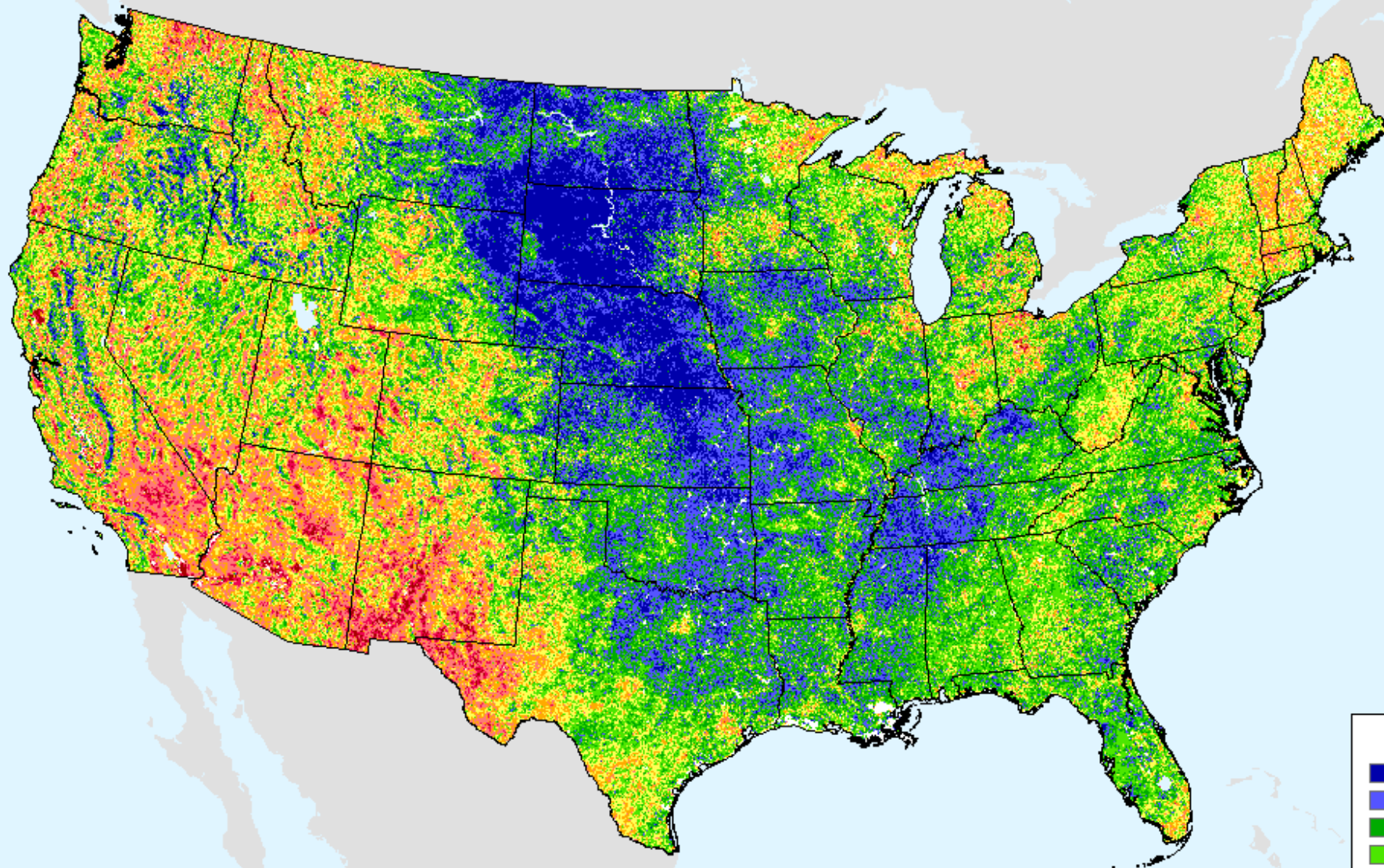
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

Vegetation Health Index

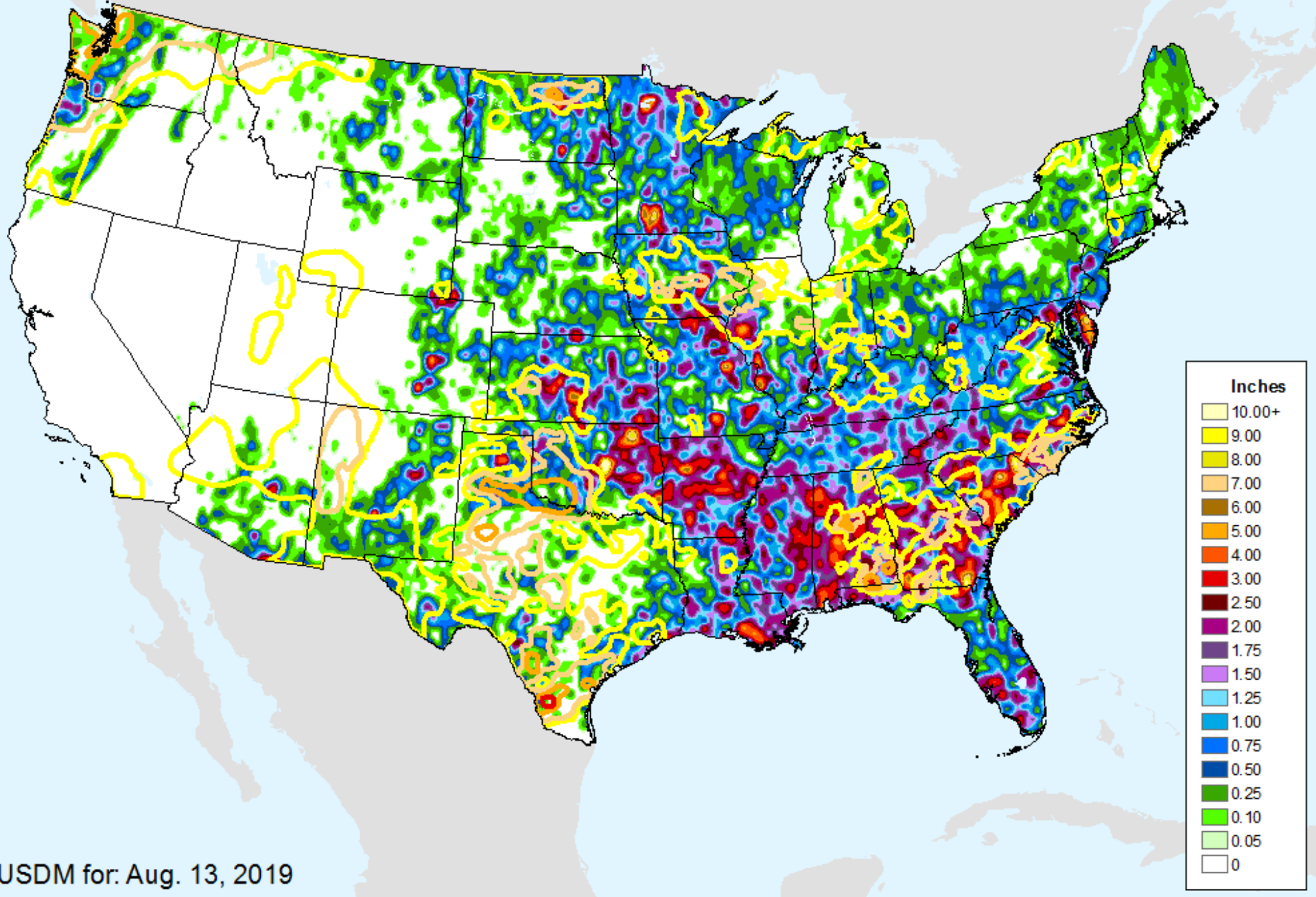
As of: Tuesday, August 20, 2019



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

GFS (00z) 7-Day Precip Forecast

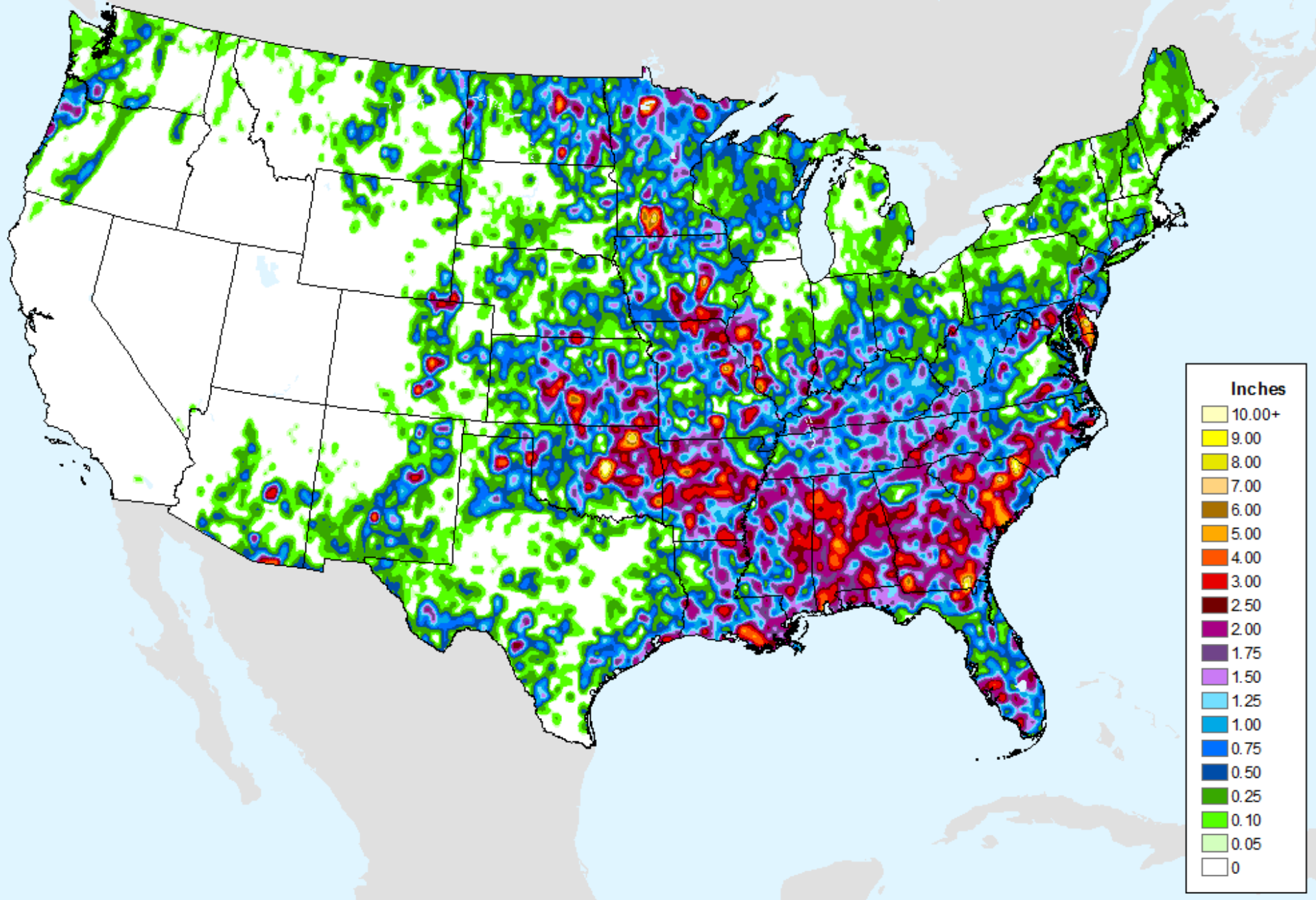
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

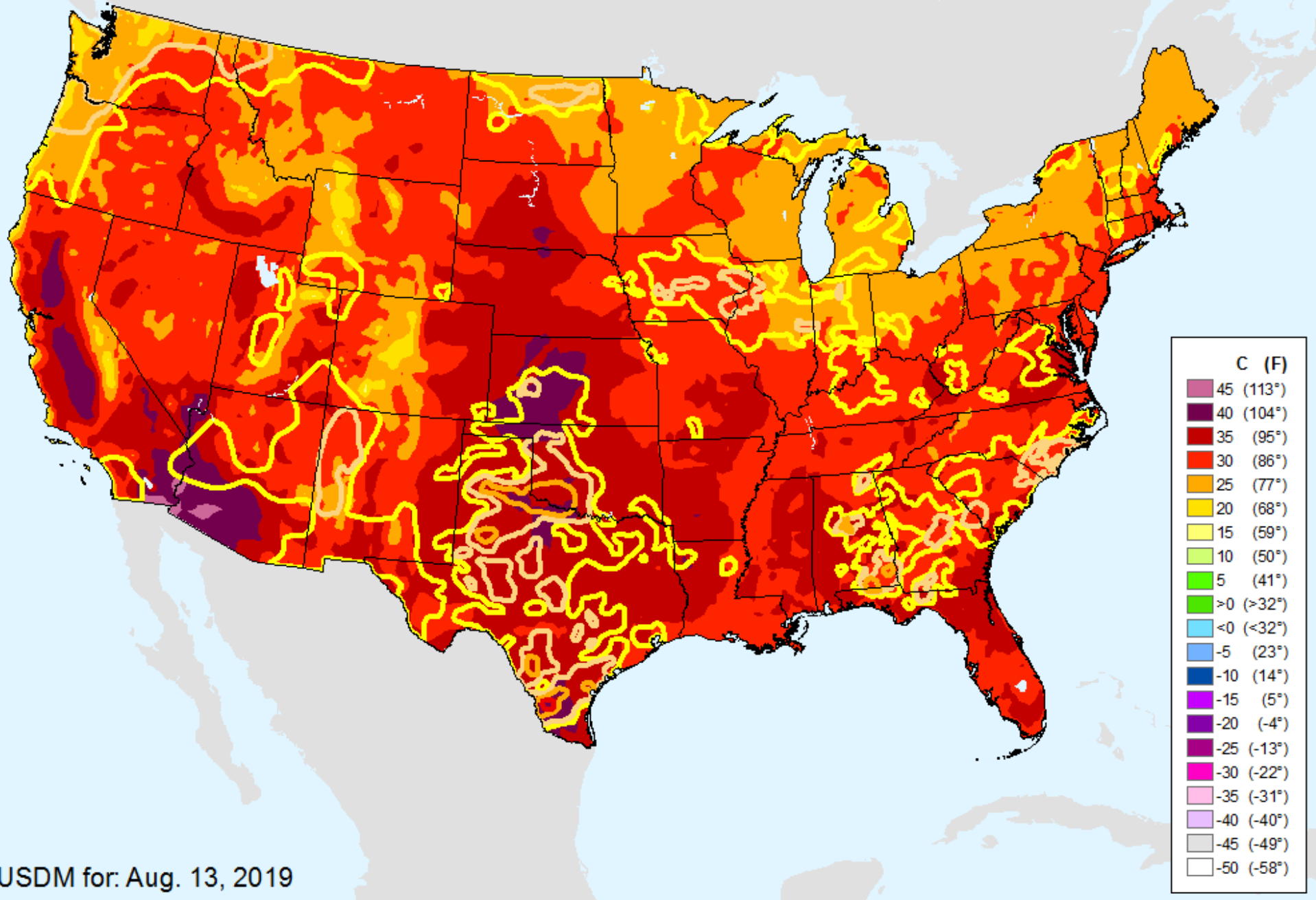
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, August 20, 2019



GFS (00z) 7-Day Max Temp Forecast

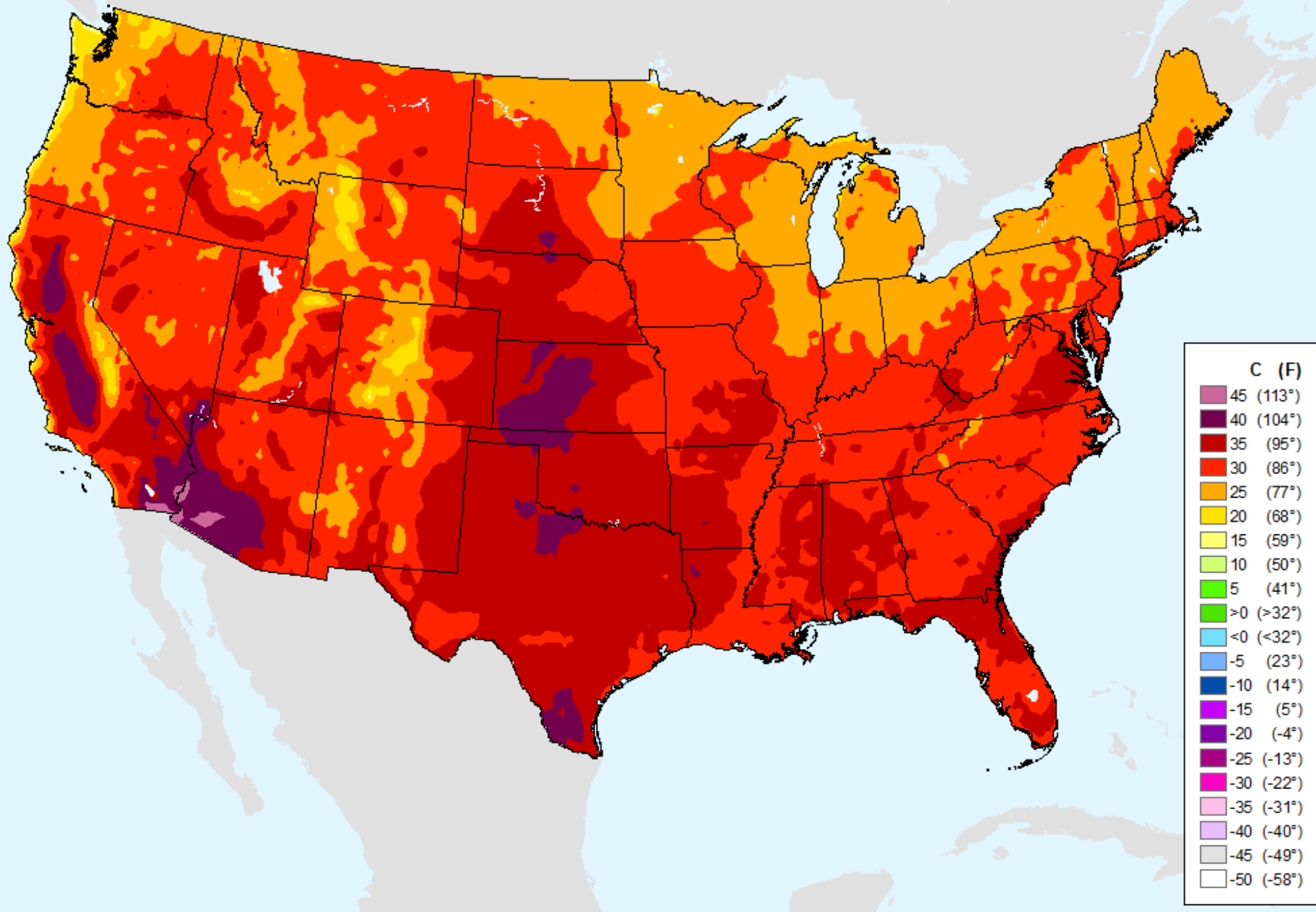
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

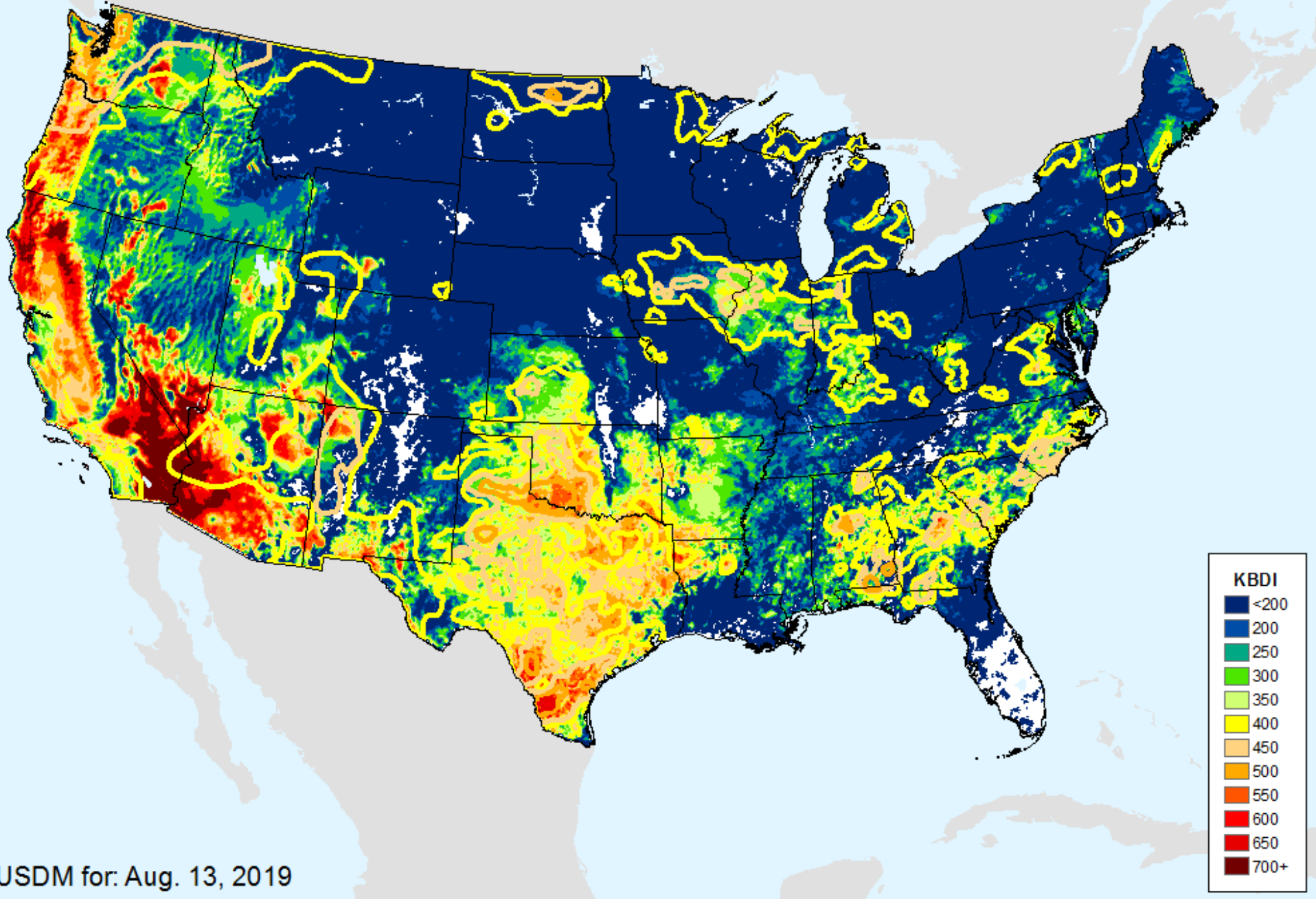
GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, August 20, 2019



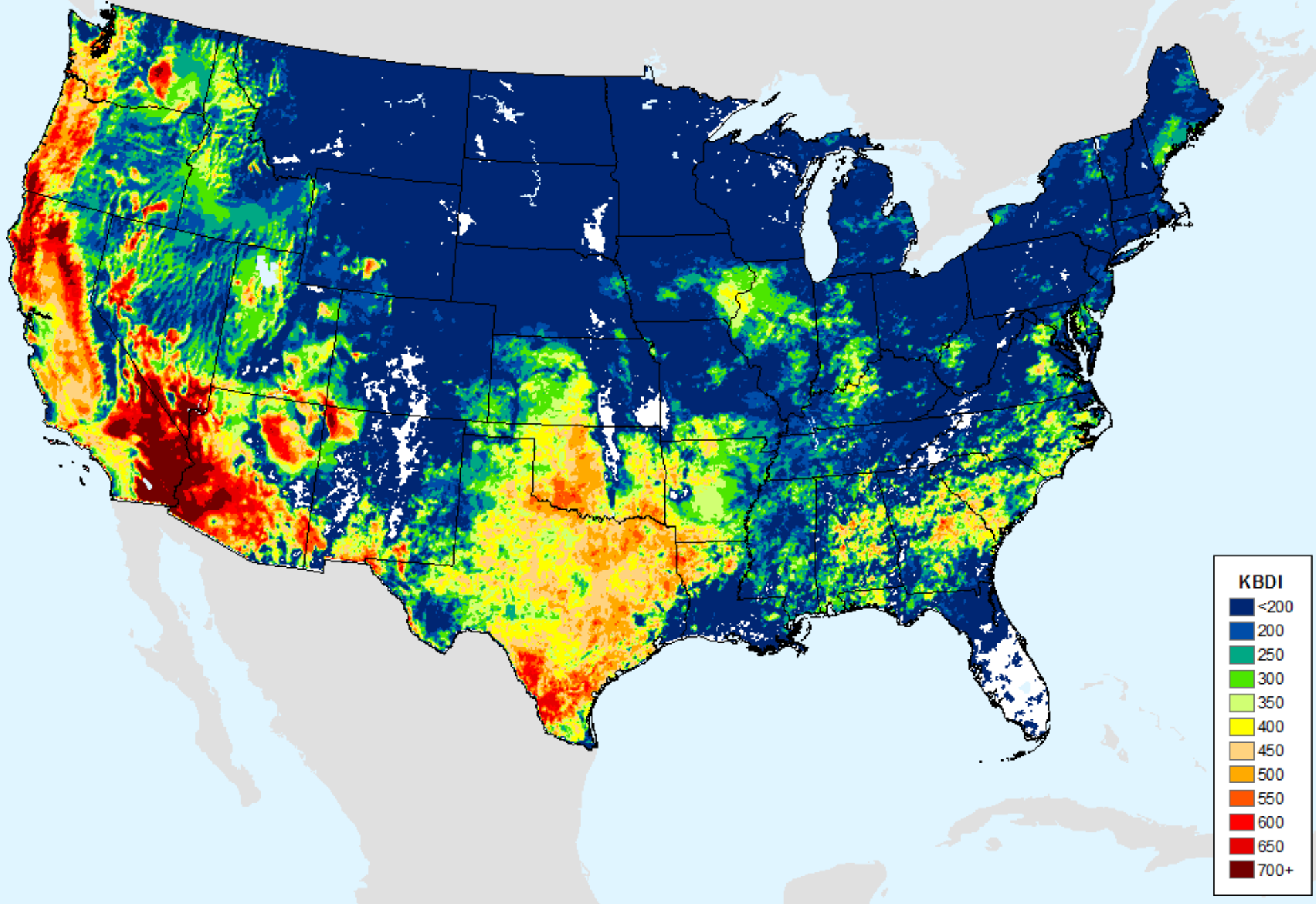
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, August 20, 2019



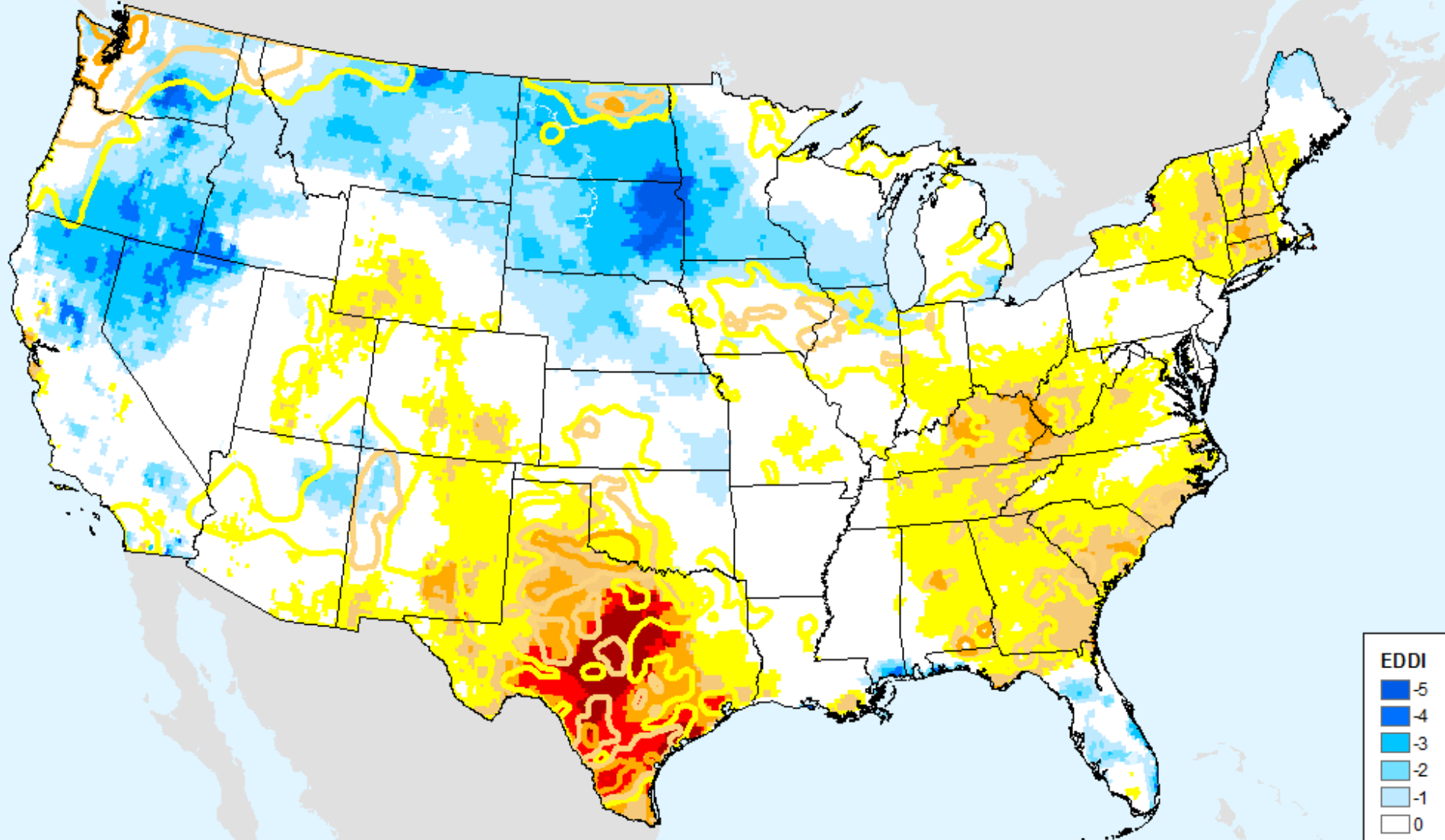
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, August 20, 2019



EDDI 1-week

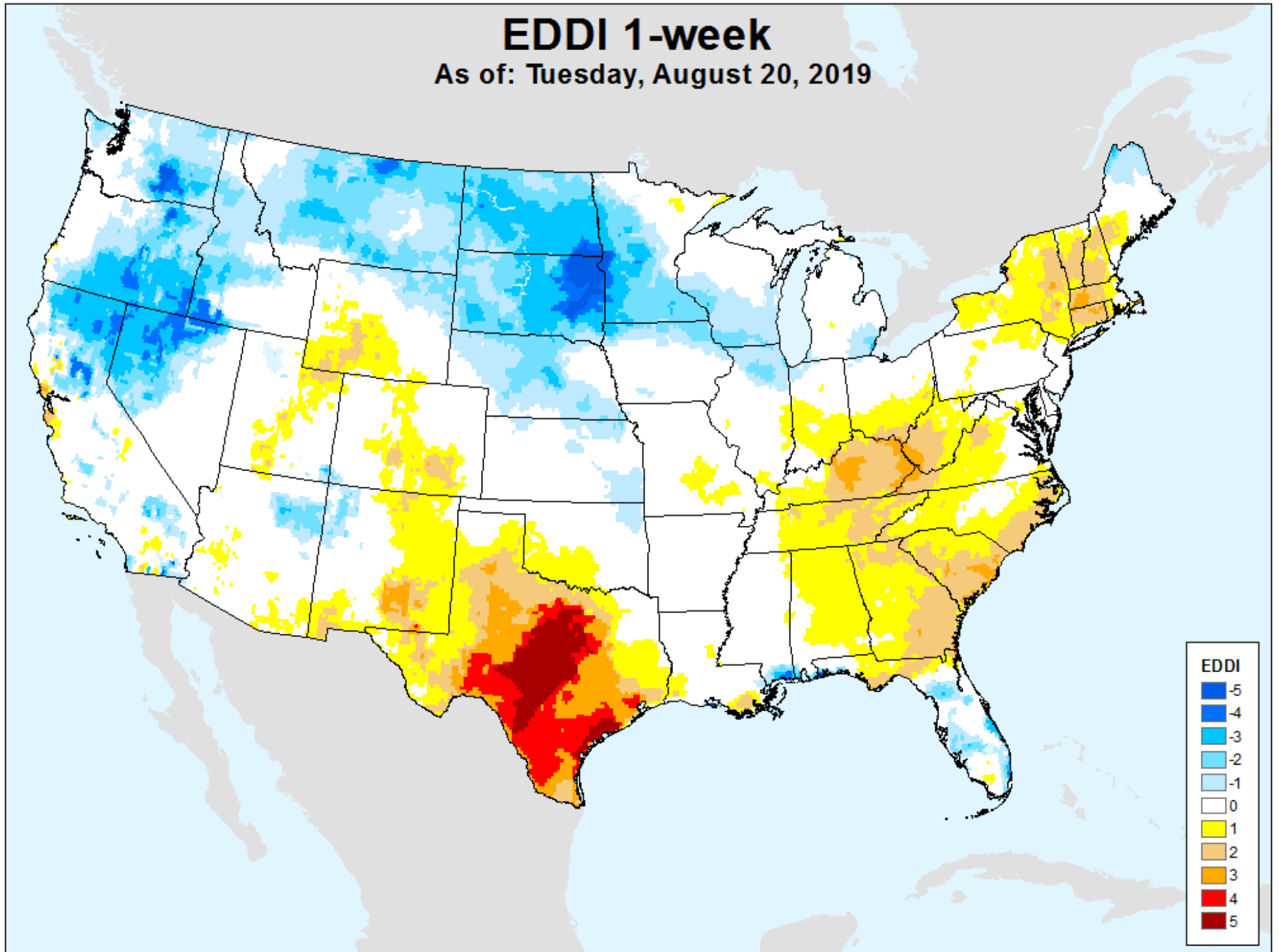
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

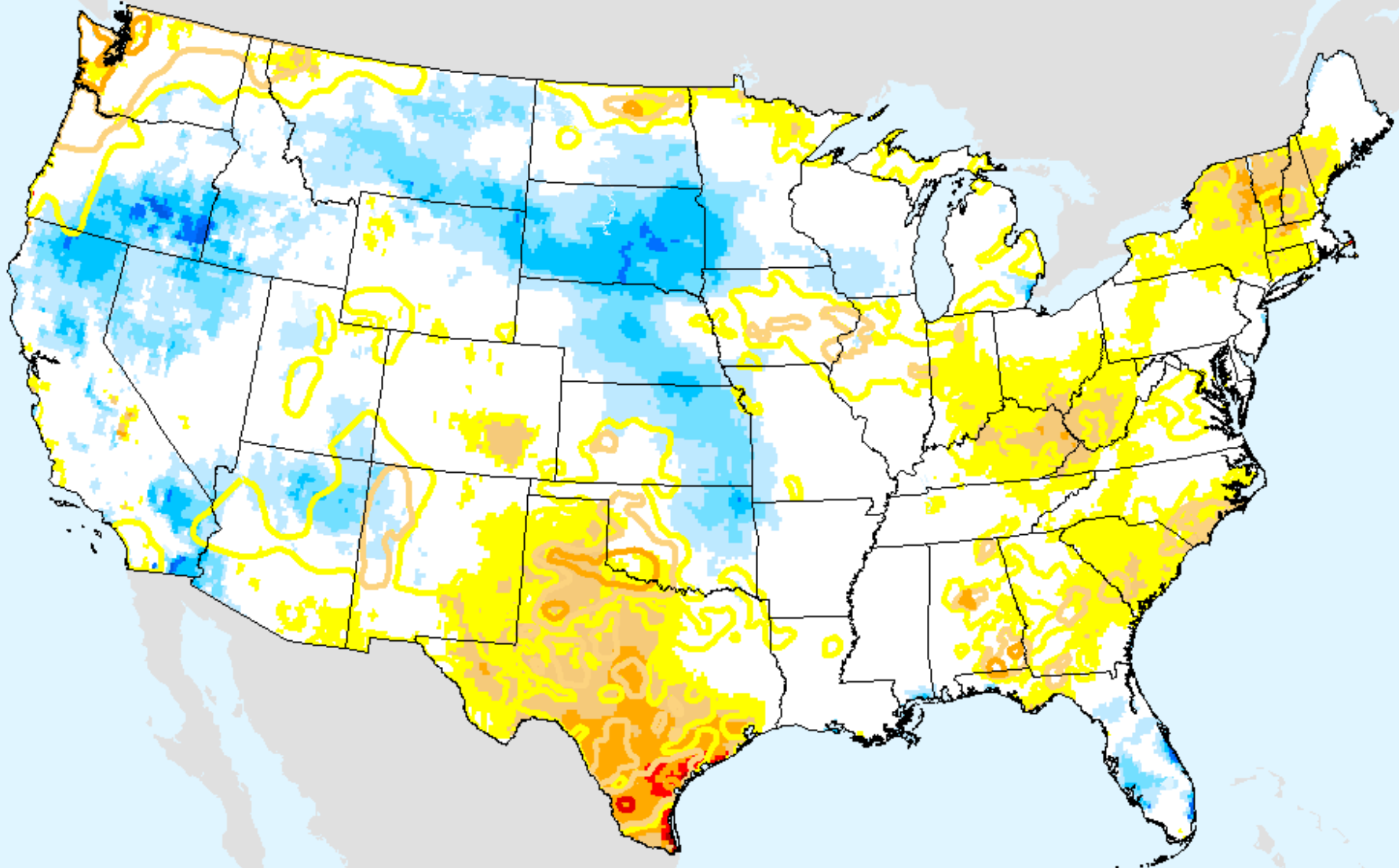
EDDI 1-week

As of: Tuesday, August 20, 2019



EDDI 2-week

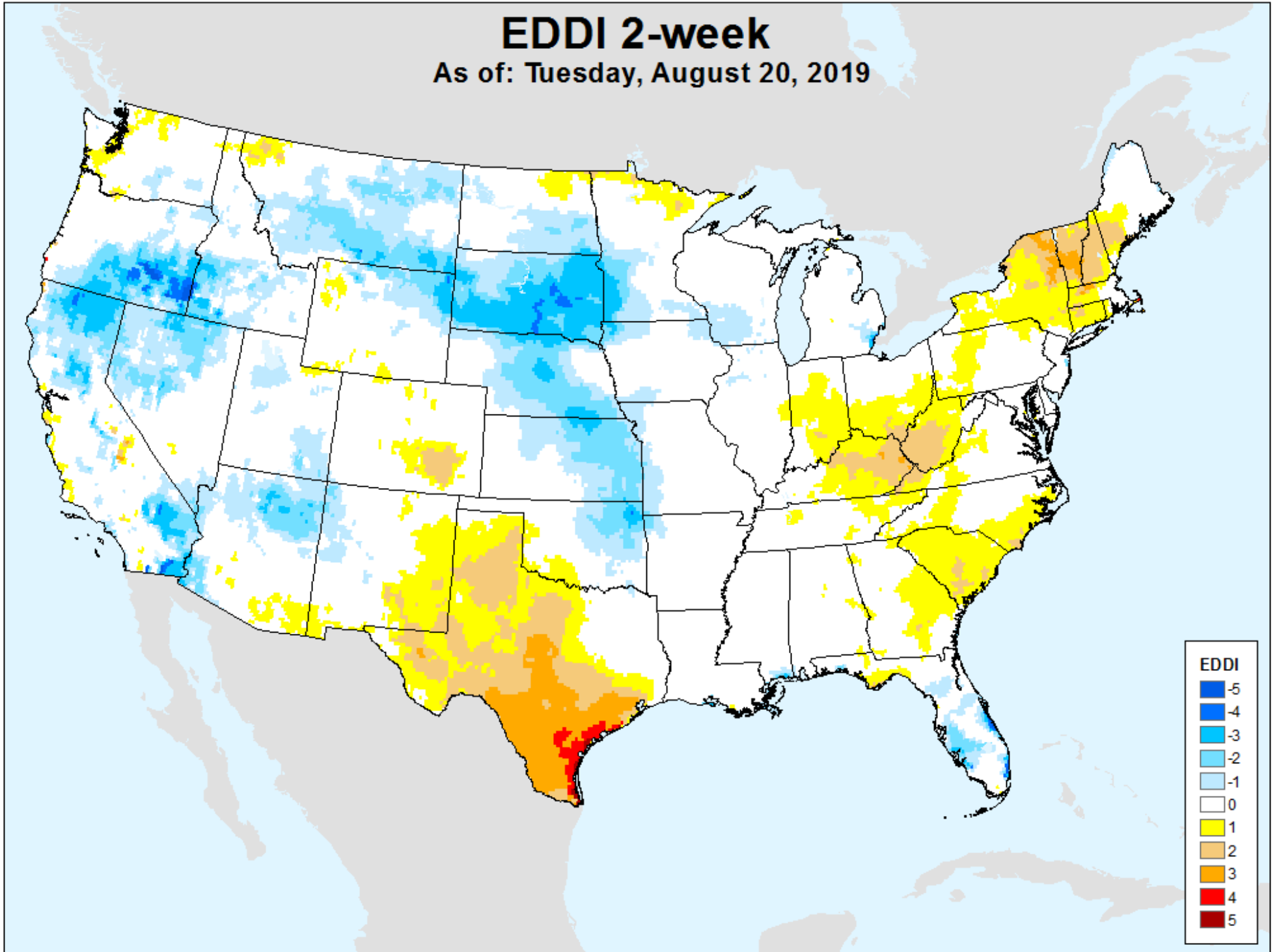
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

EDDI 2-week

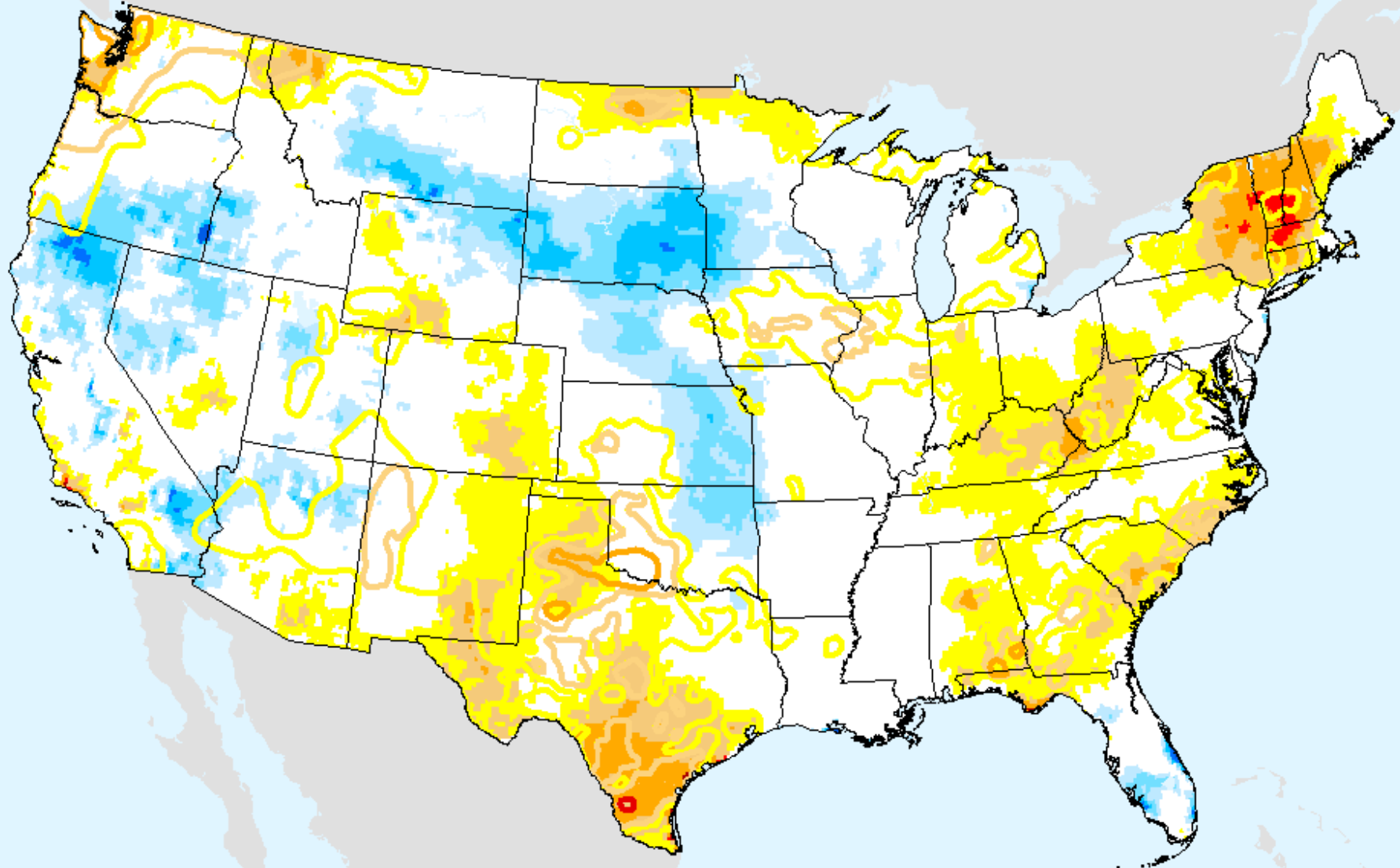
As of: Tuesday, August 20, 2019



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 3-week

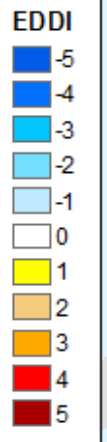
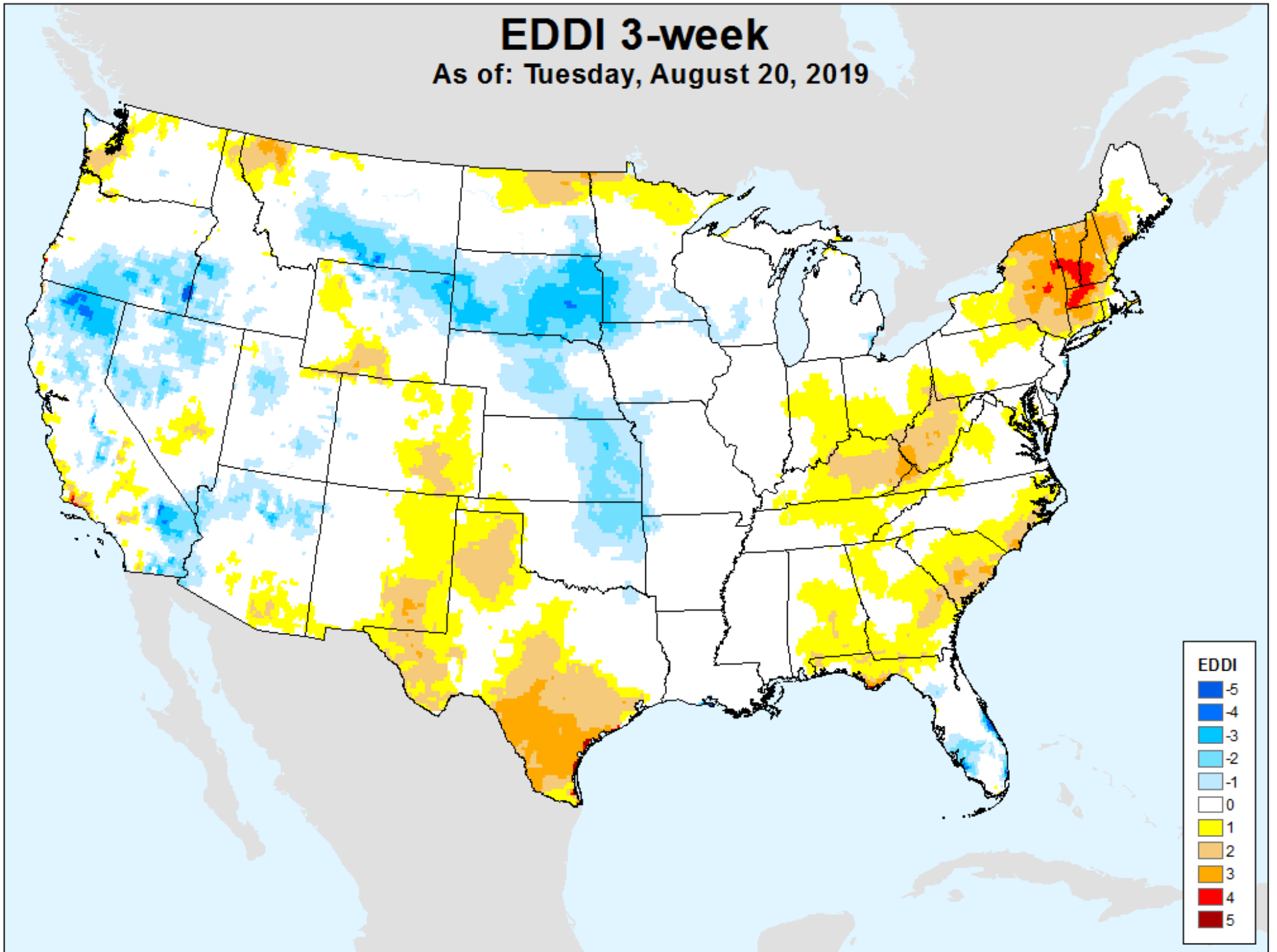
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

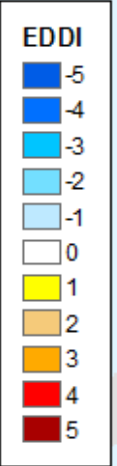
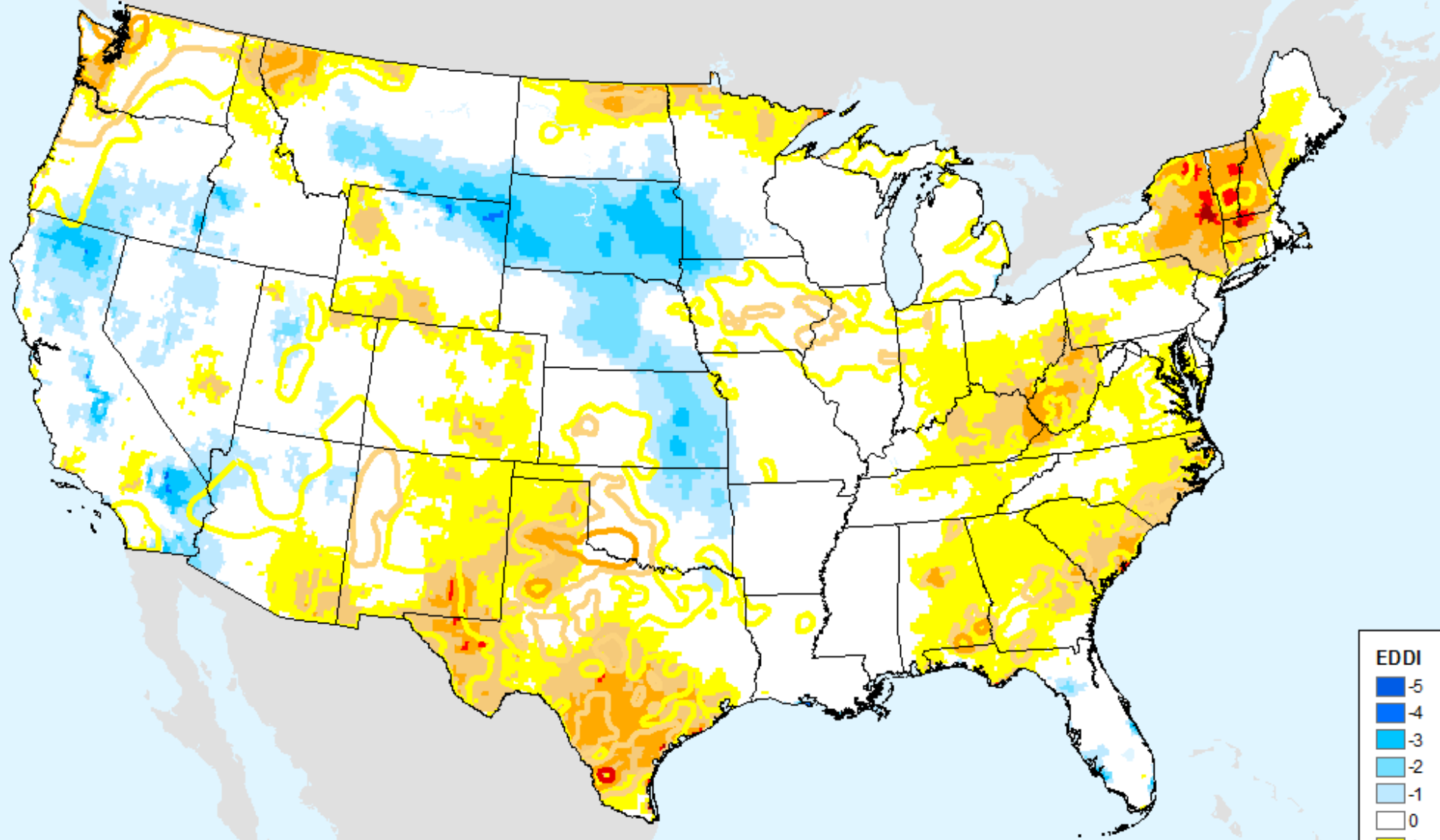
EDDI 3-week

As of: Tuesday, August 20, 2019



EDDI 4-week

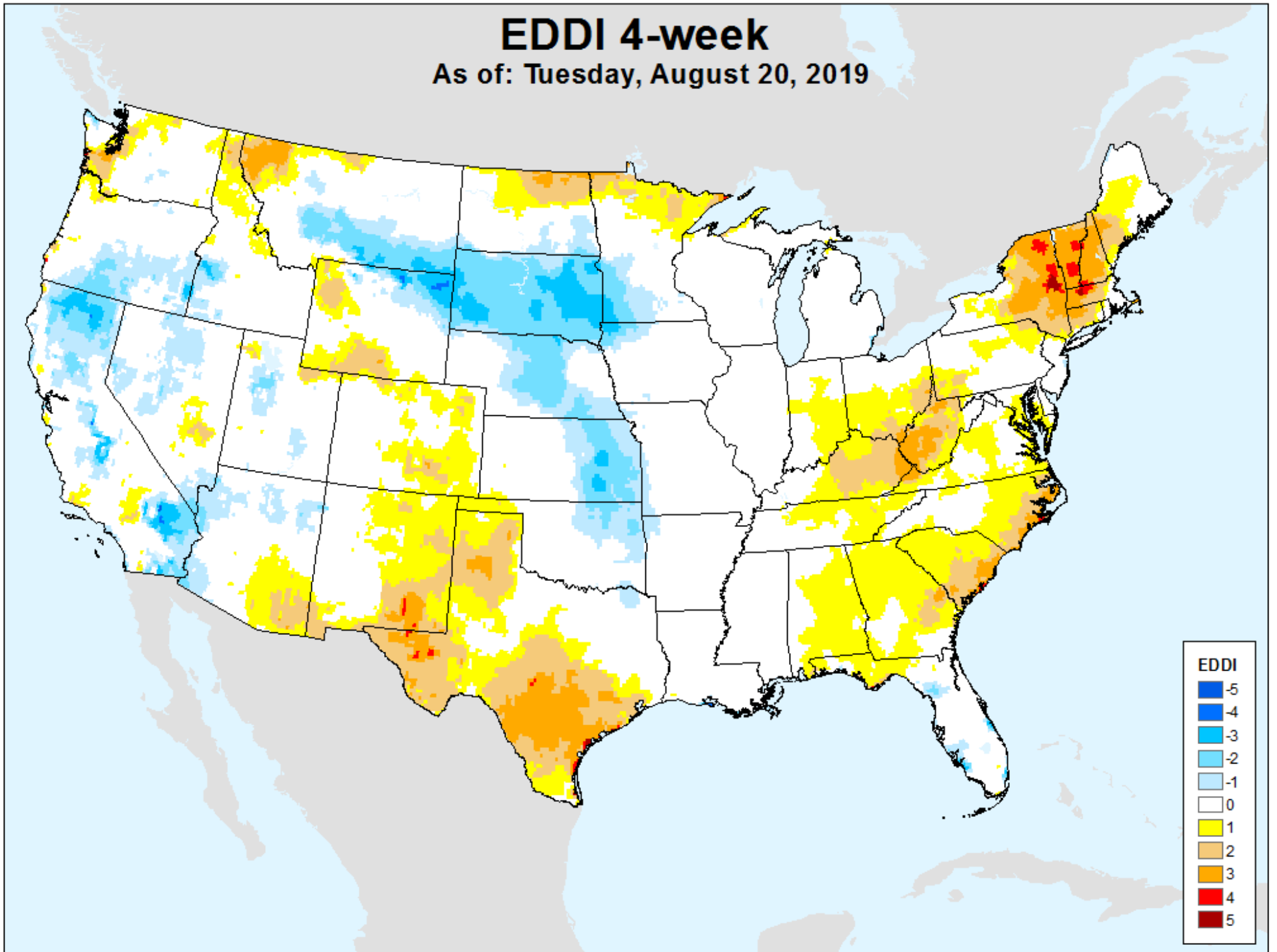
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

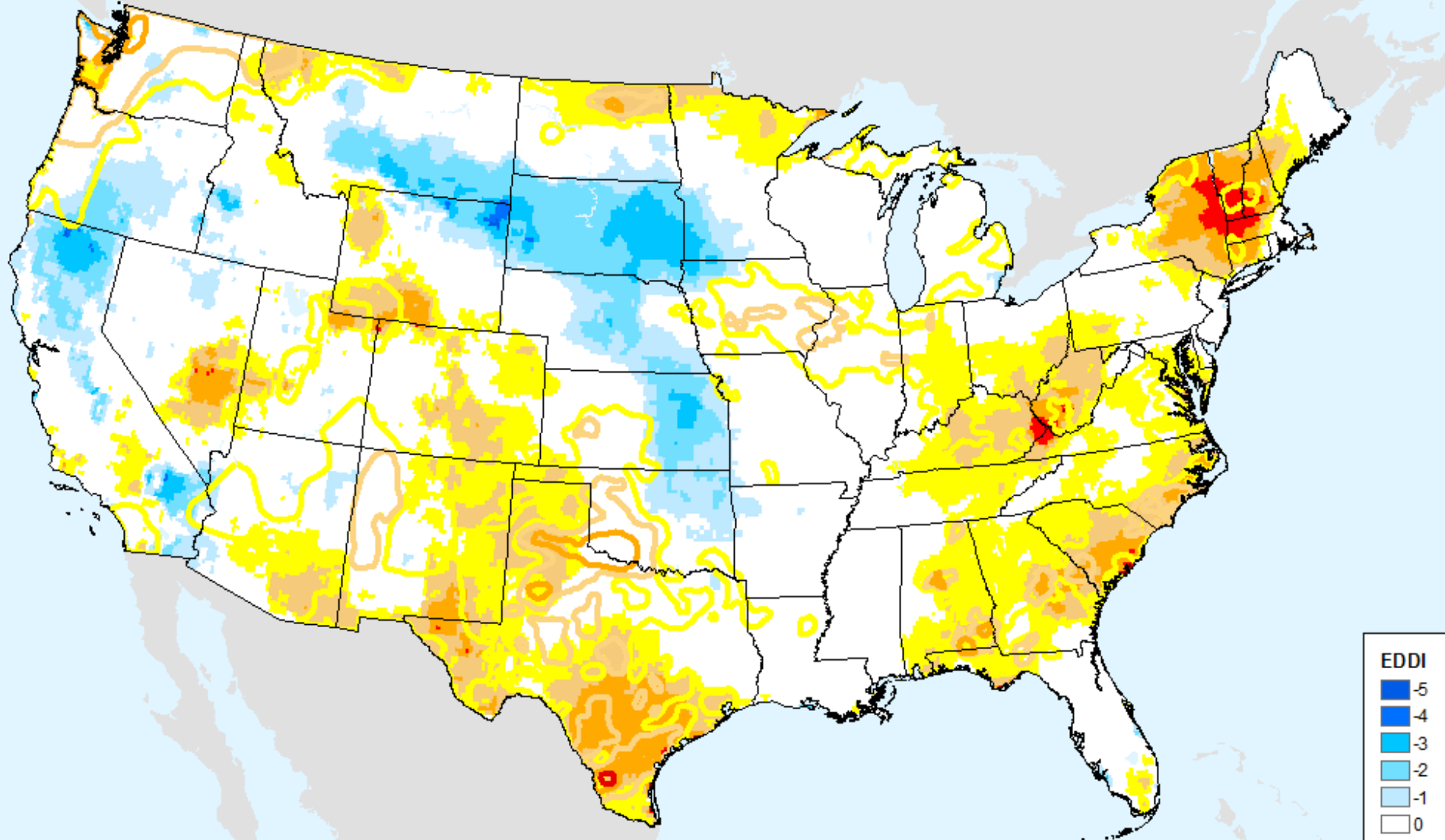
EDDI 4-week

As of: Tuesday, August 20, 2019



EDDI 5-week

As of: Tuesday, August 20, 2019



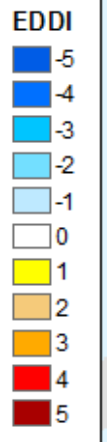
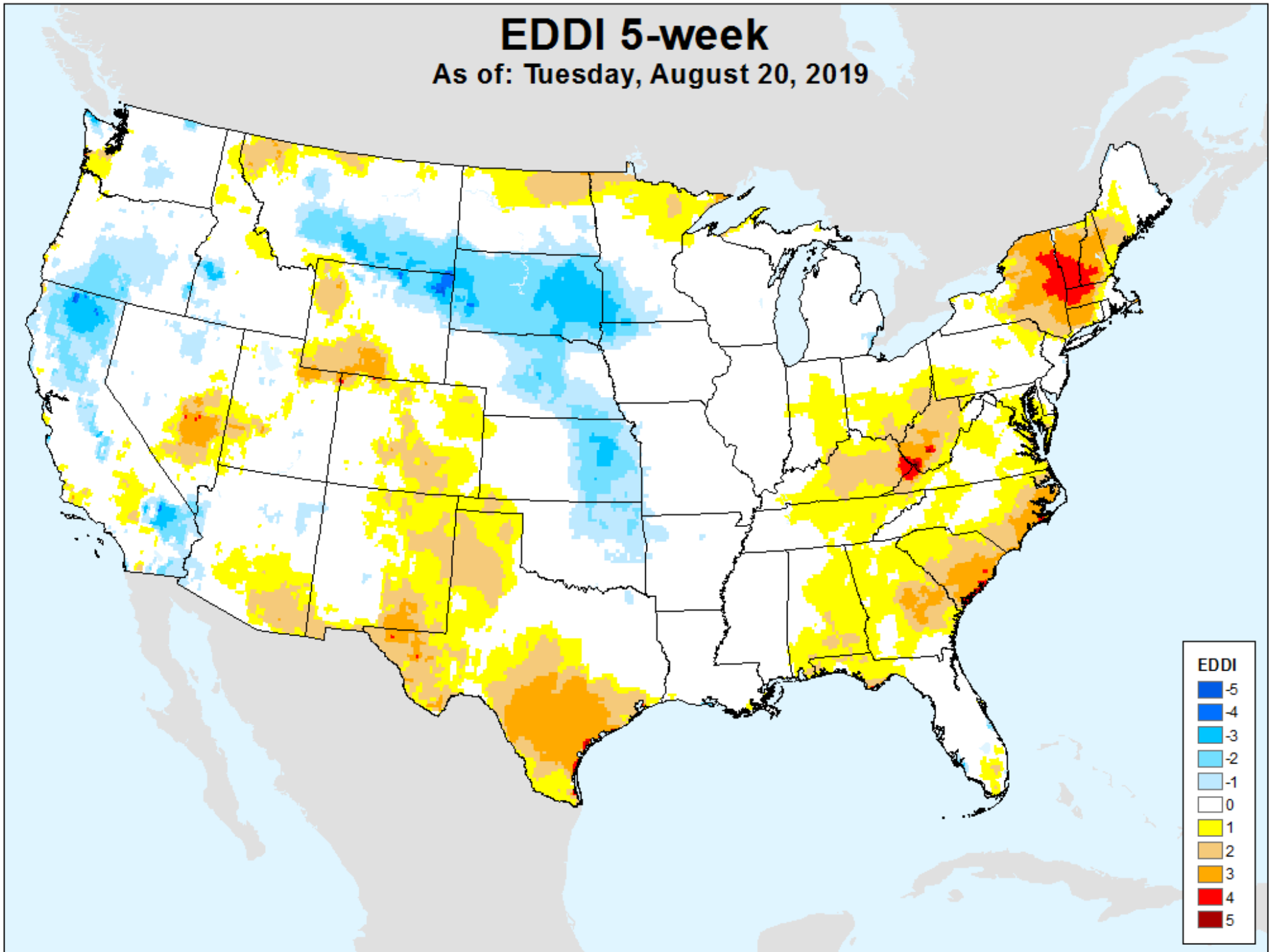
USDM for: Aug. 13, 2019

EDDI

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

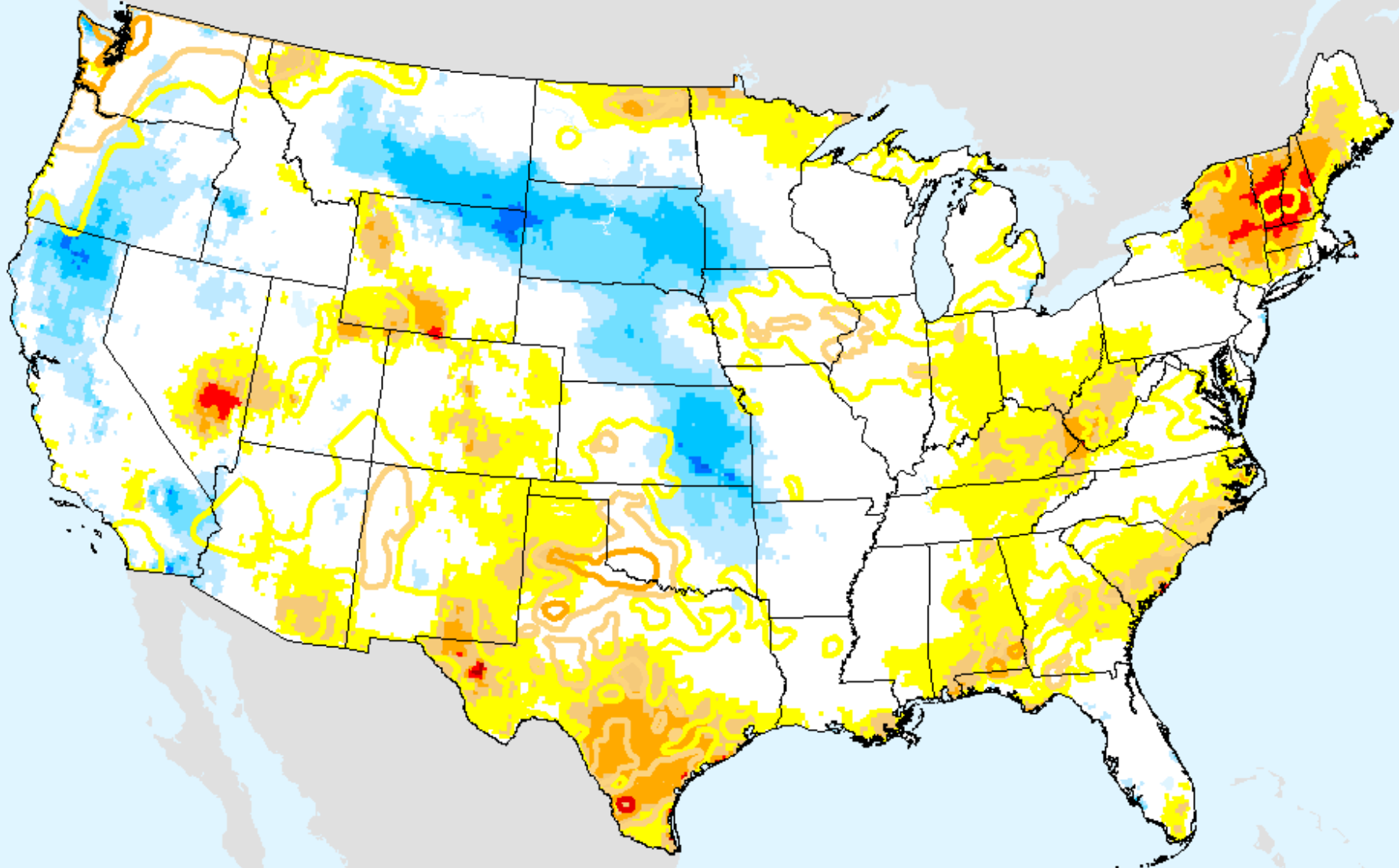
EDDI 5-week

As of: Tuesday, August 20, 2019



EDDI 6-week

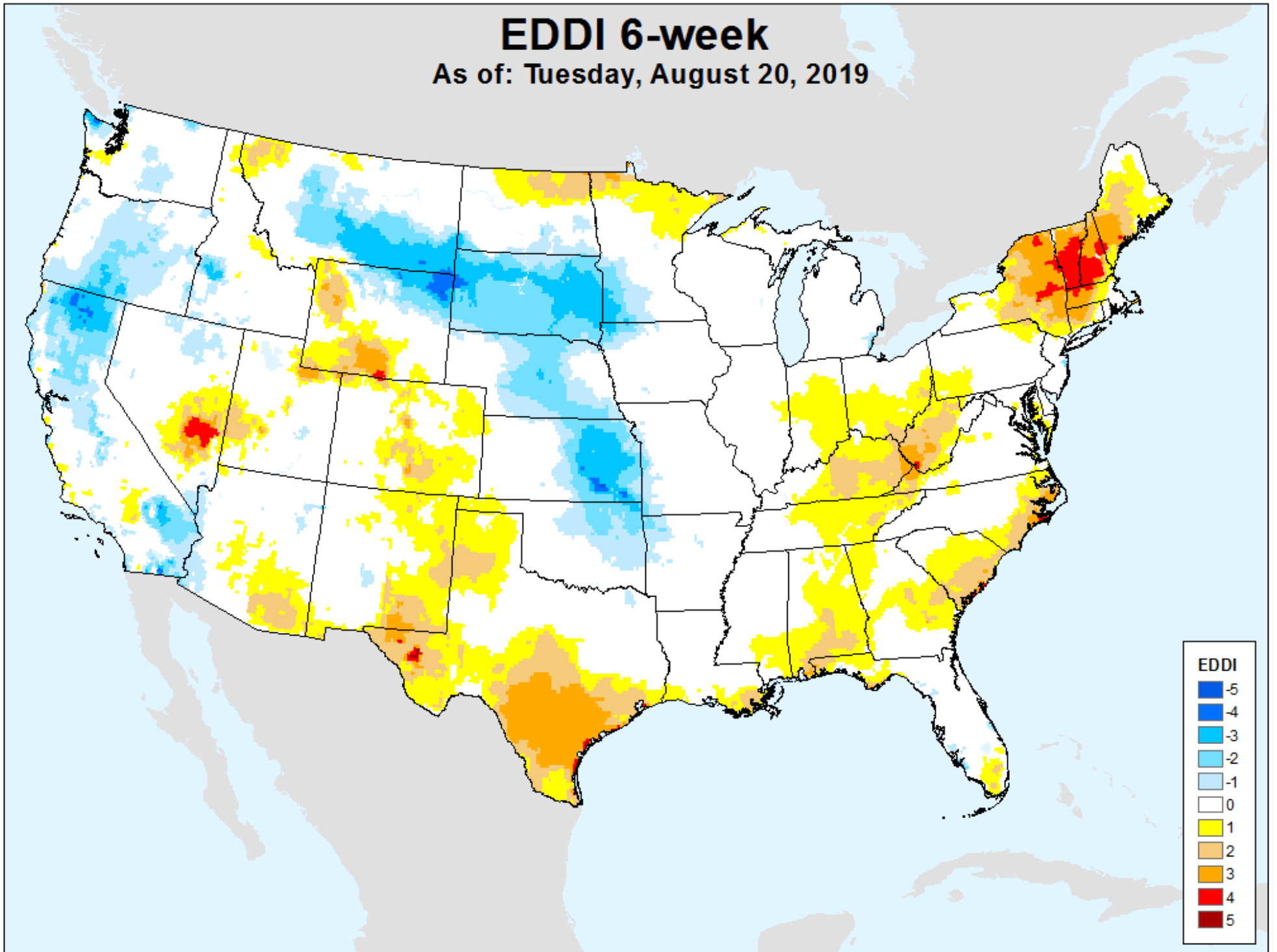
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

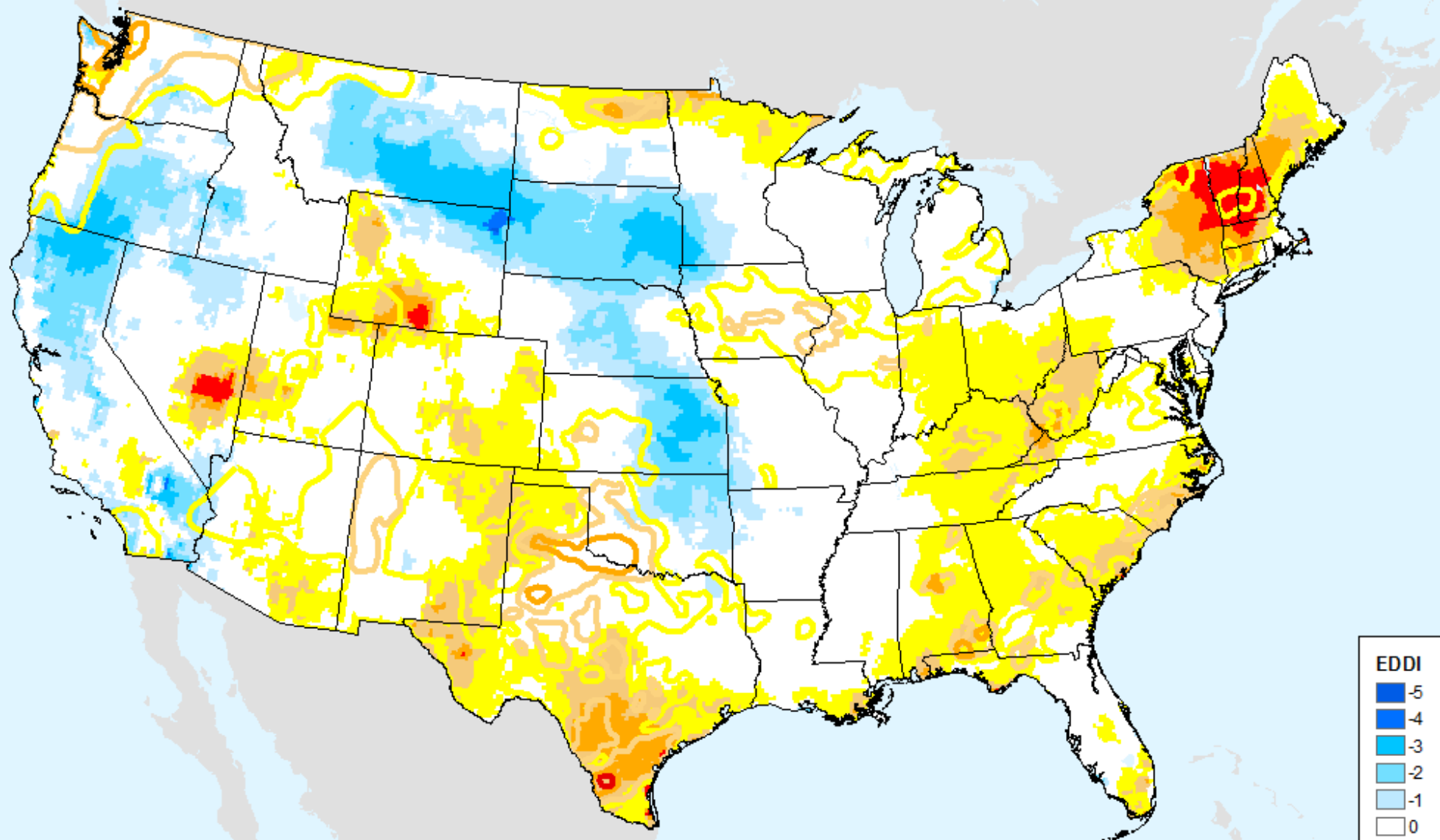
EDDI 6-week

As of: Tuesday, August 20, 2019



EDDI 7-week

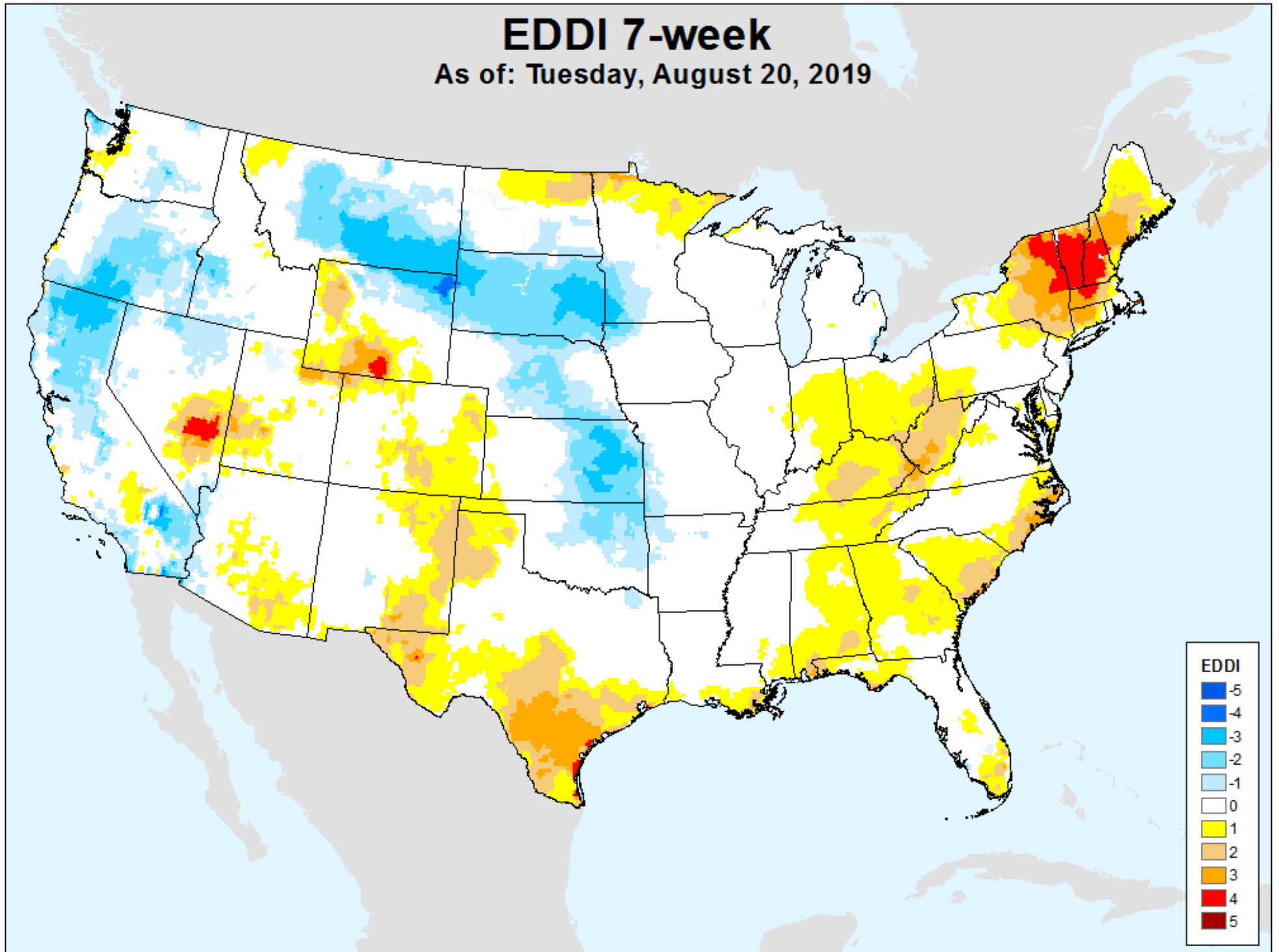
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

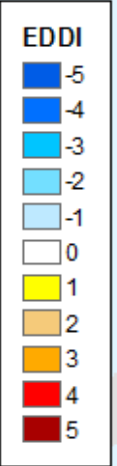
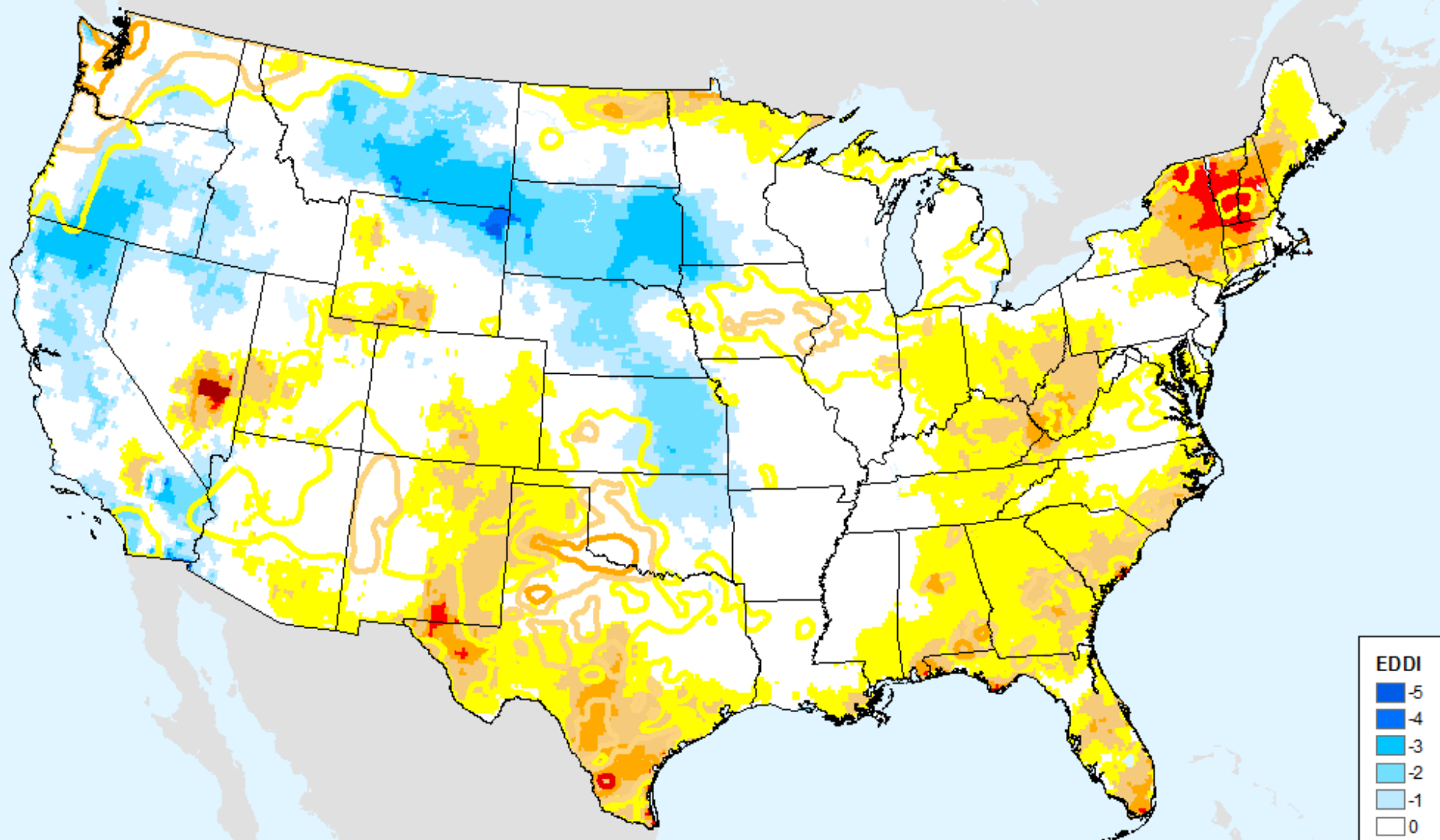
EDDI 7-week

As of: Tuesday, August 20, 2019



EDDI 8-week

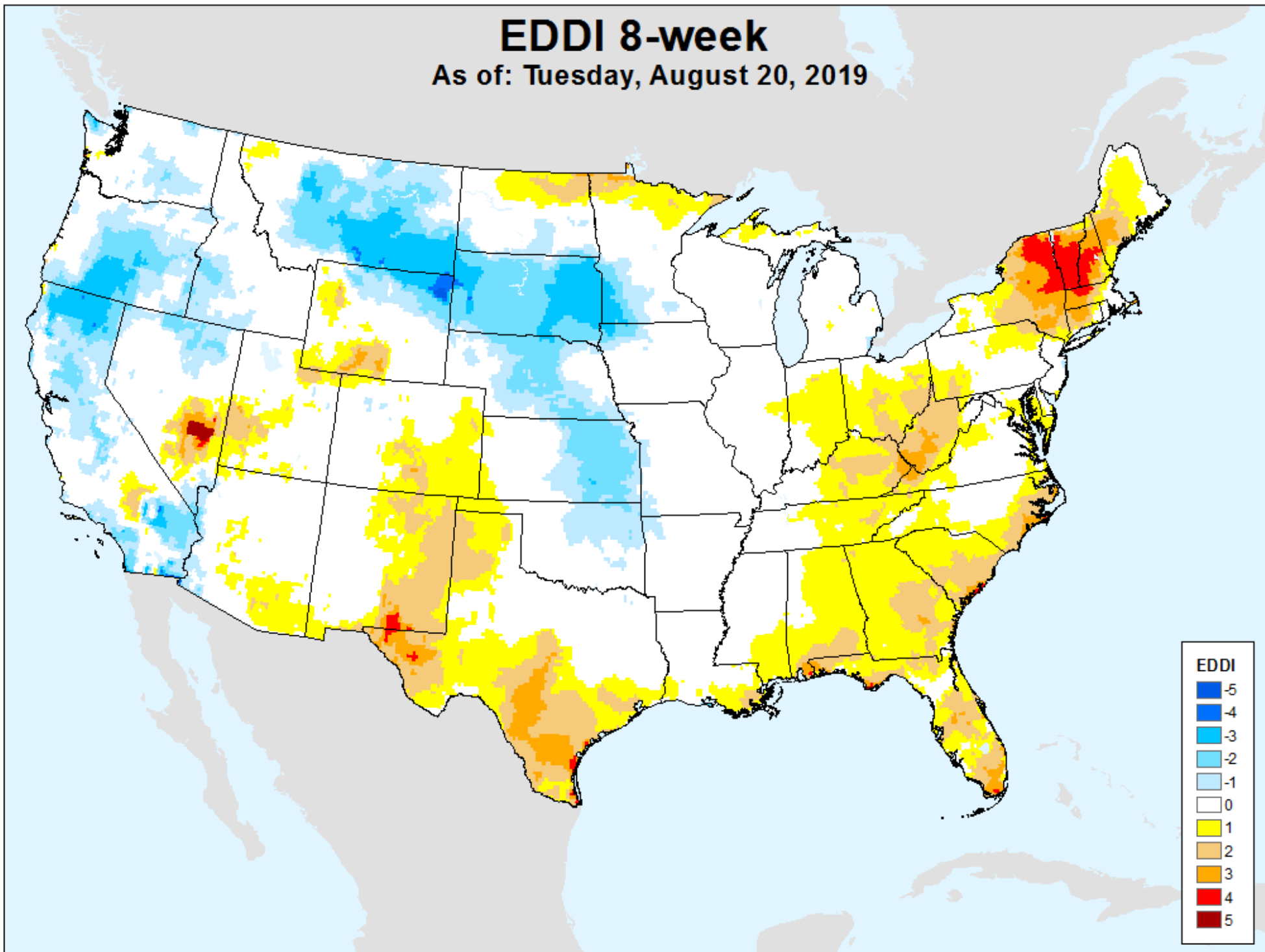
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

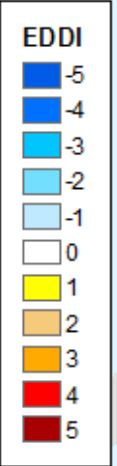
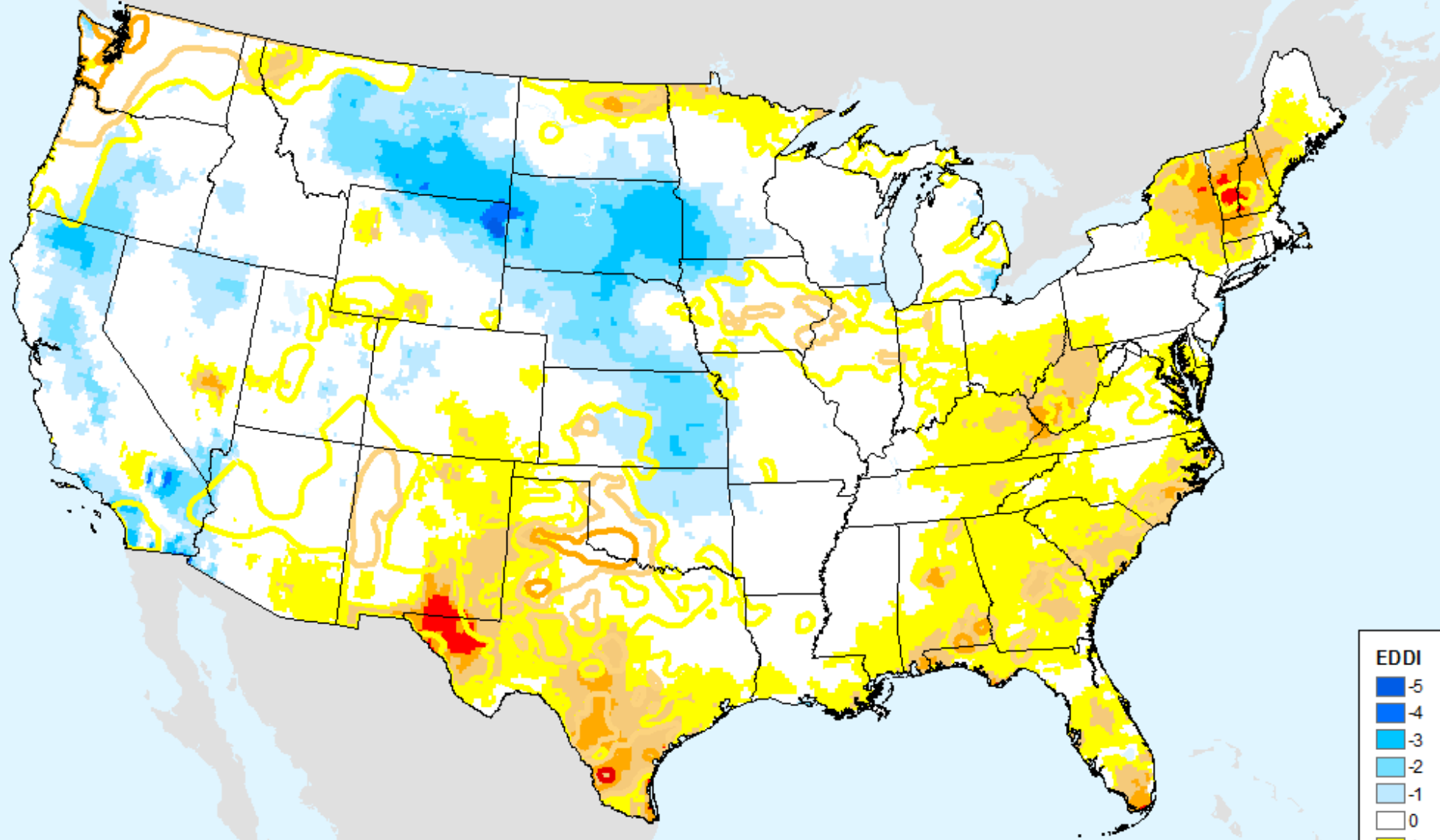
EDDI 8-week

As of: Tuesday, August 20, 2019



EDDI 9-week

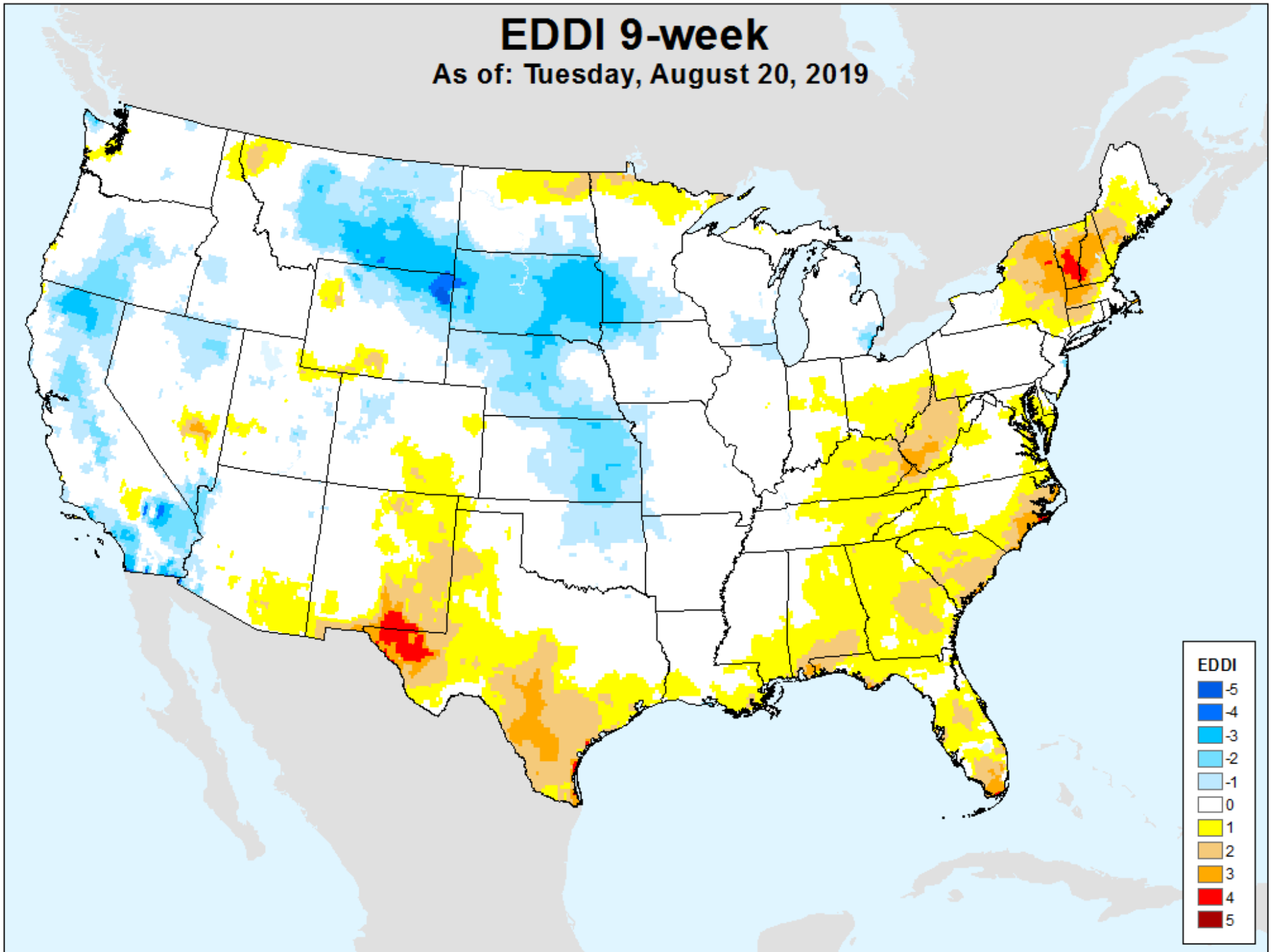
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

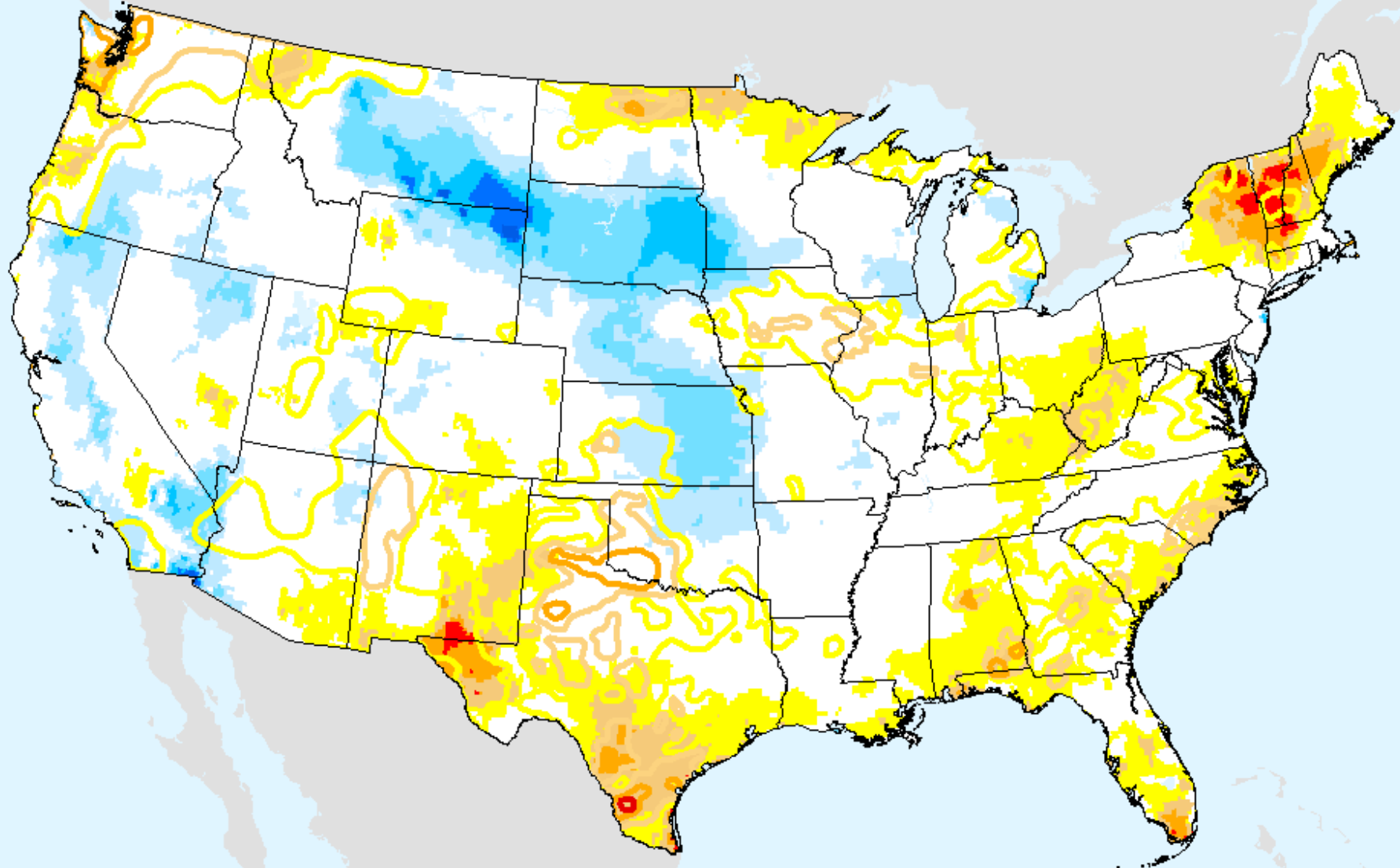
EDDI 9-week

As of: Tuesday, August 20, 2019



EDDI 10-week

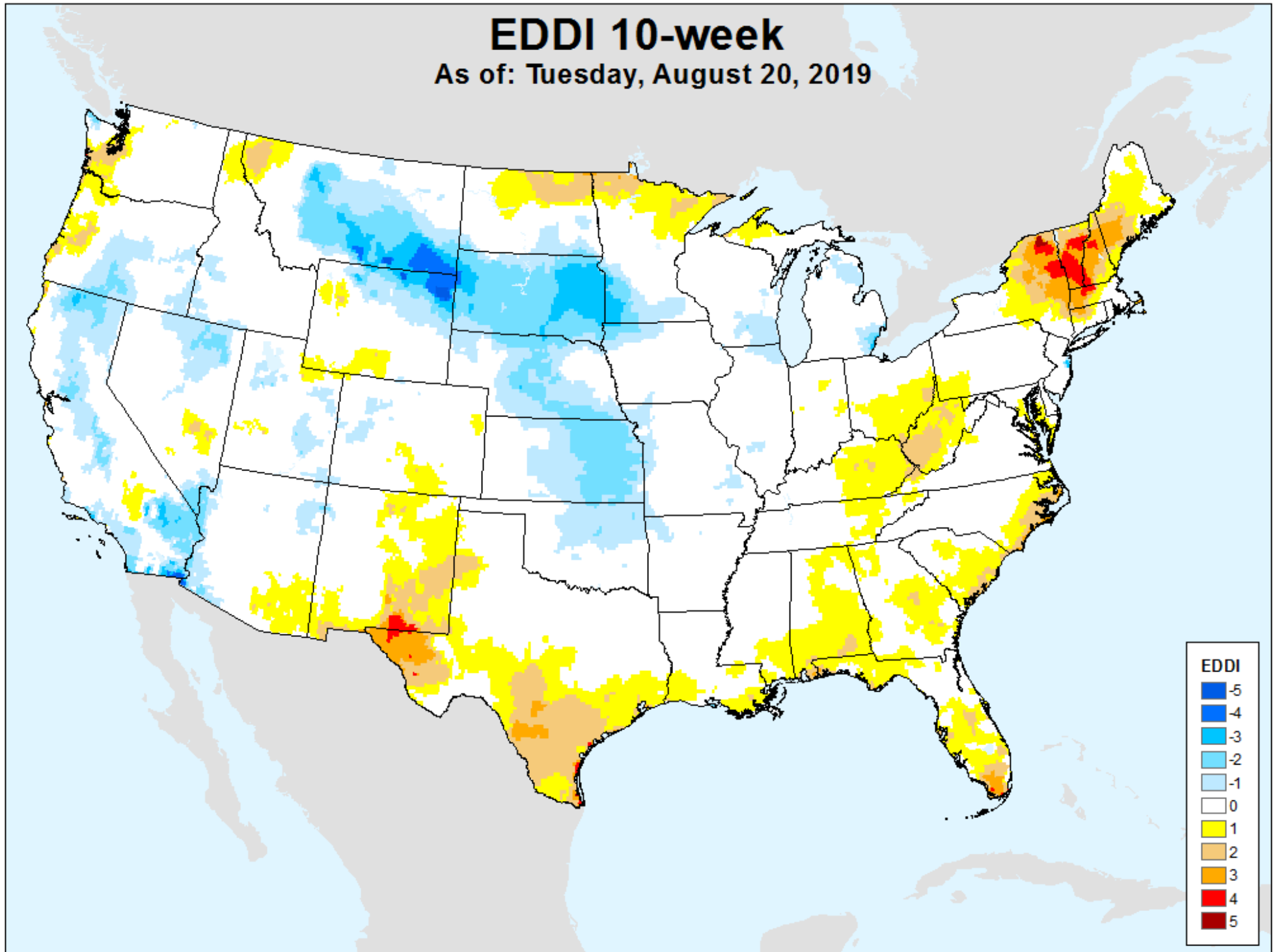
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

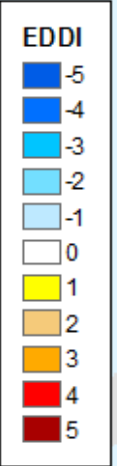
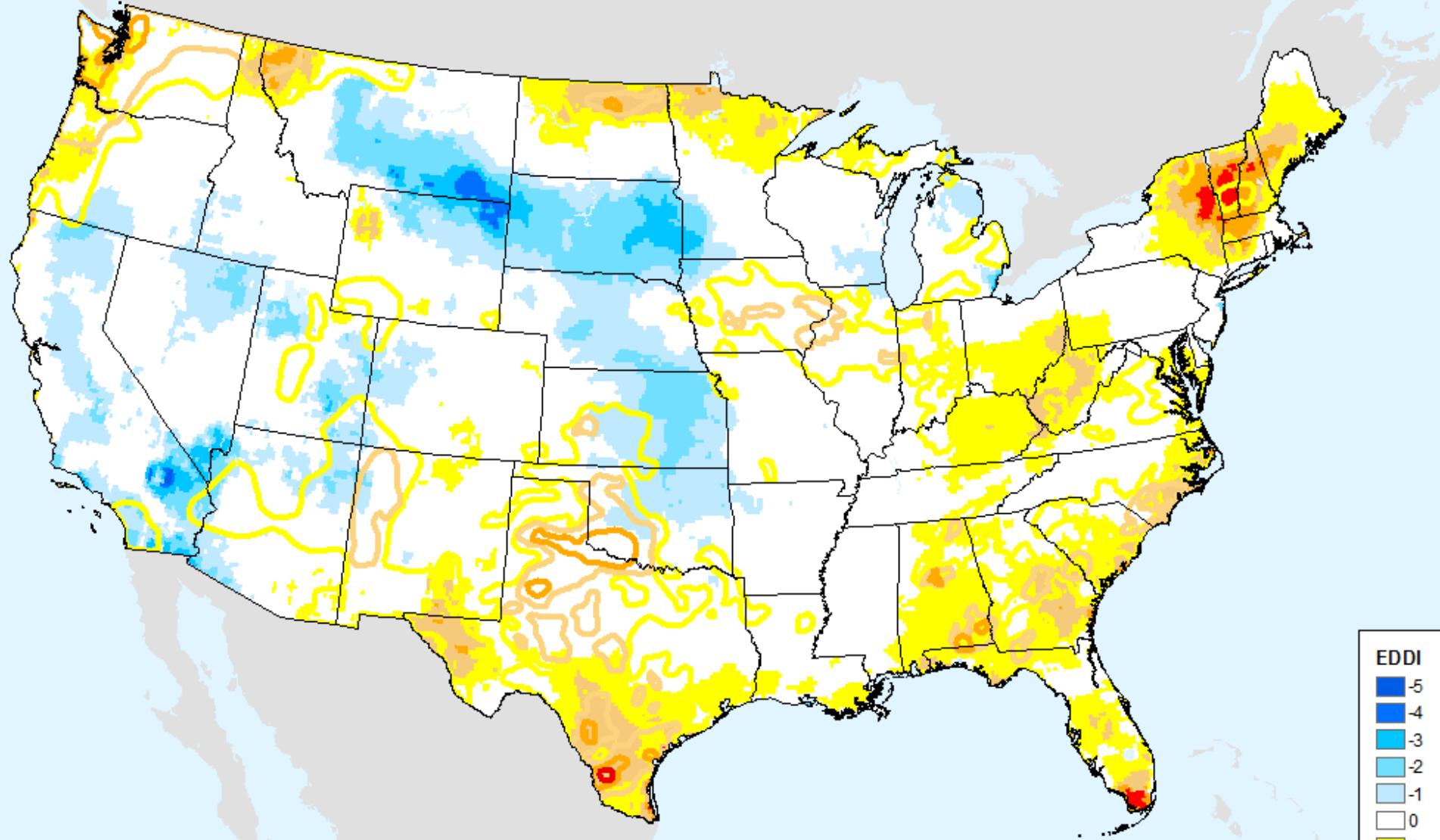
EDDI 10-week

As of: Tuesday, August 20, 2019



EDDI 11-week

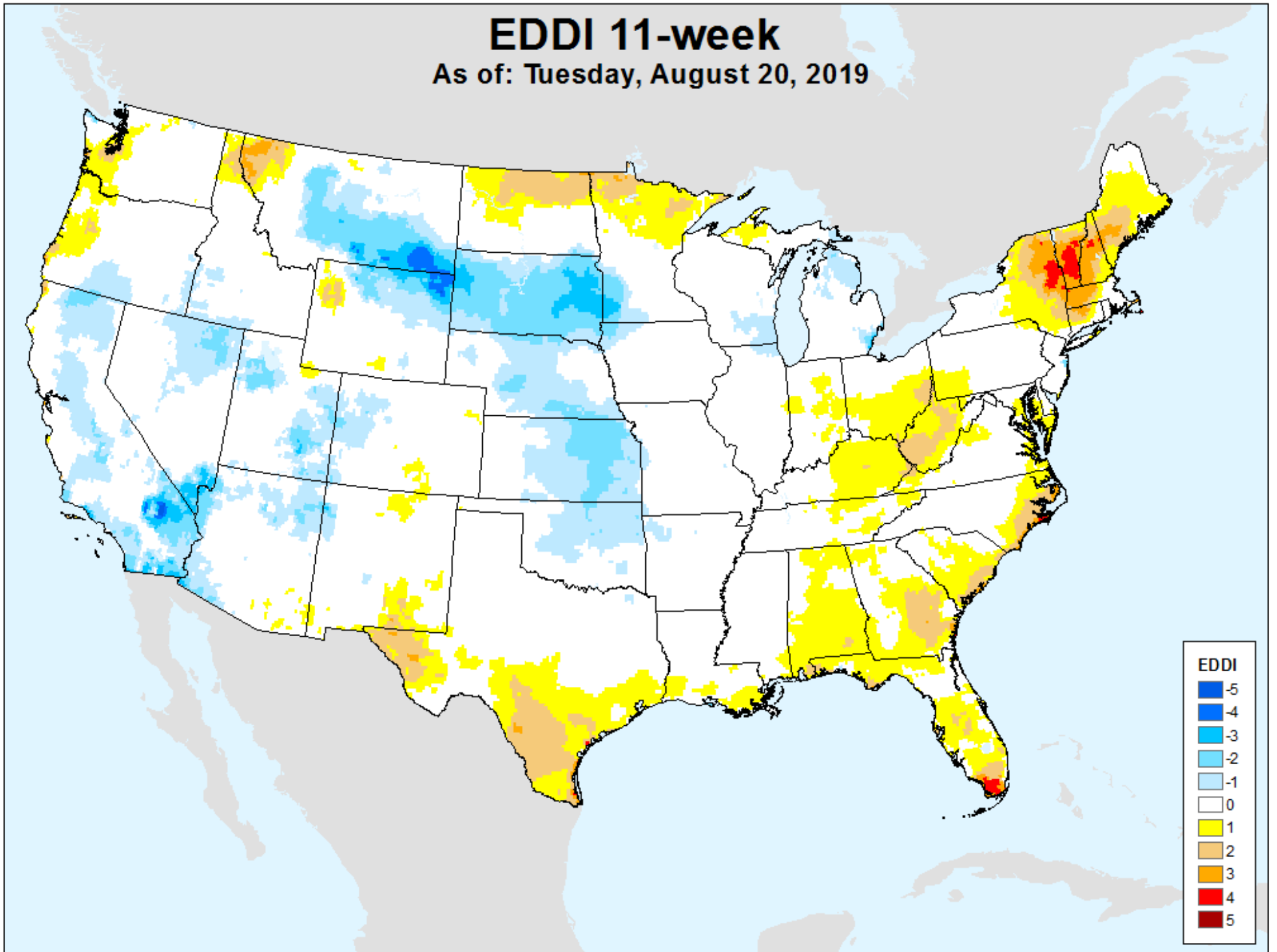
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

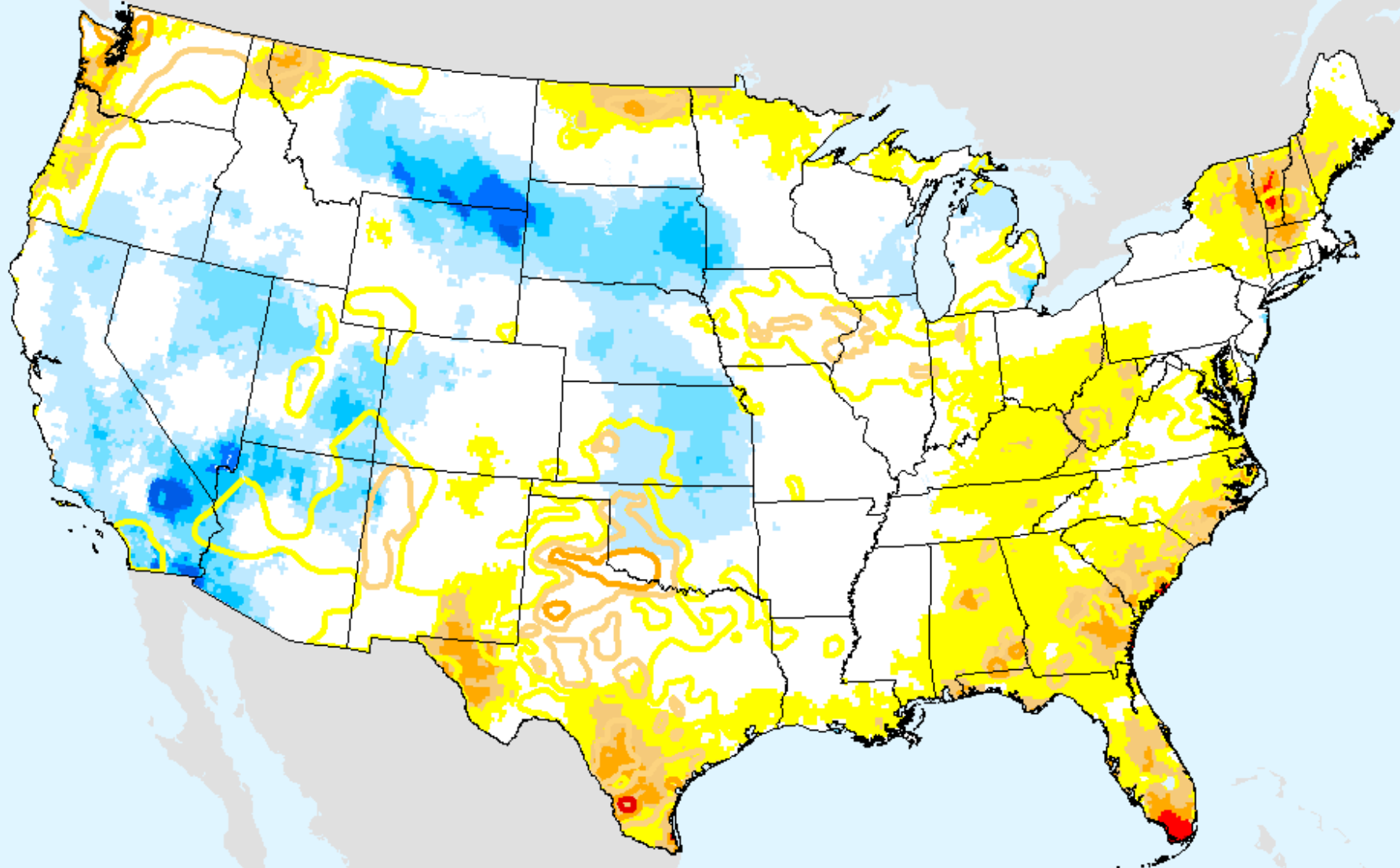
EDDI 11-week

As of: Tuesday, August 20, 2019



EDDI 12-week

As of: Tuesday, August 20, 2019

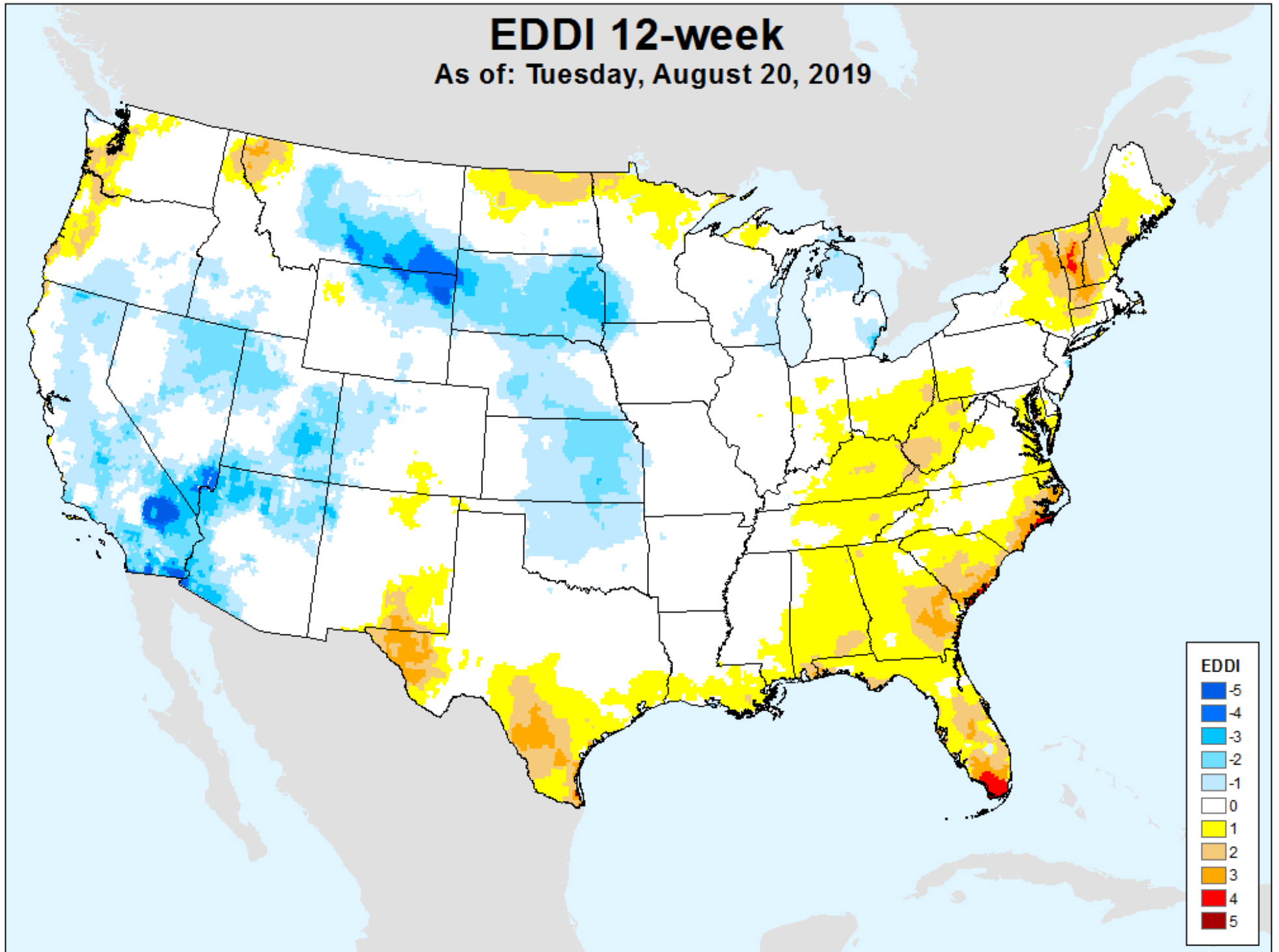


EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Light Orange	2
Orange	3
Red	4
Dark Red	5

USDM for: Aug. 13, 2019

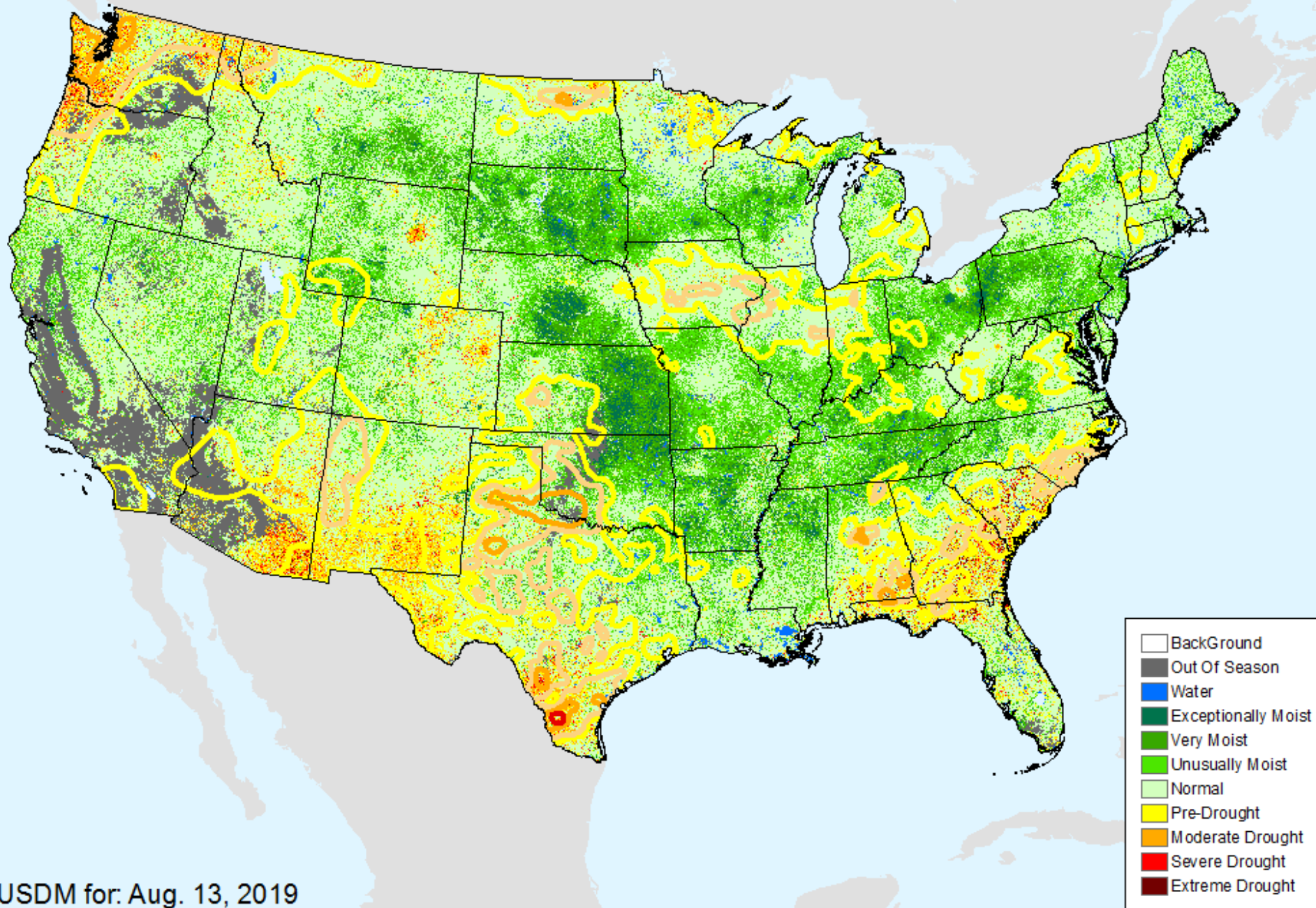
EDDI 12-week

As of: Tuesday, August 20, 2019



Vegetation Drought Response Index (VegDRI)

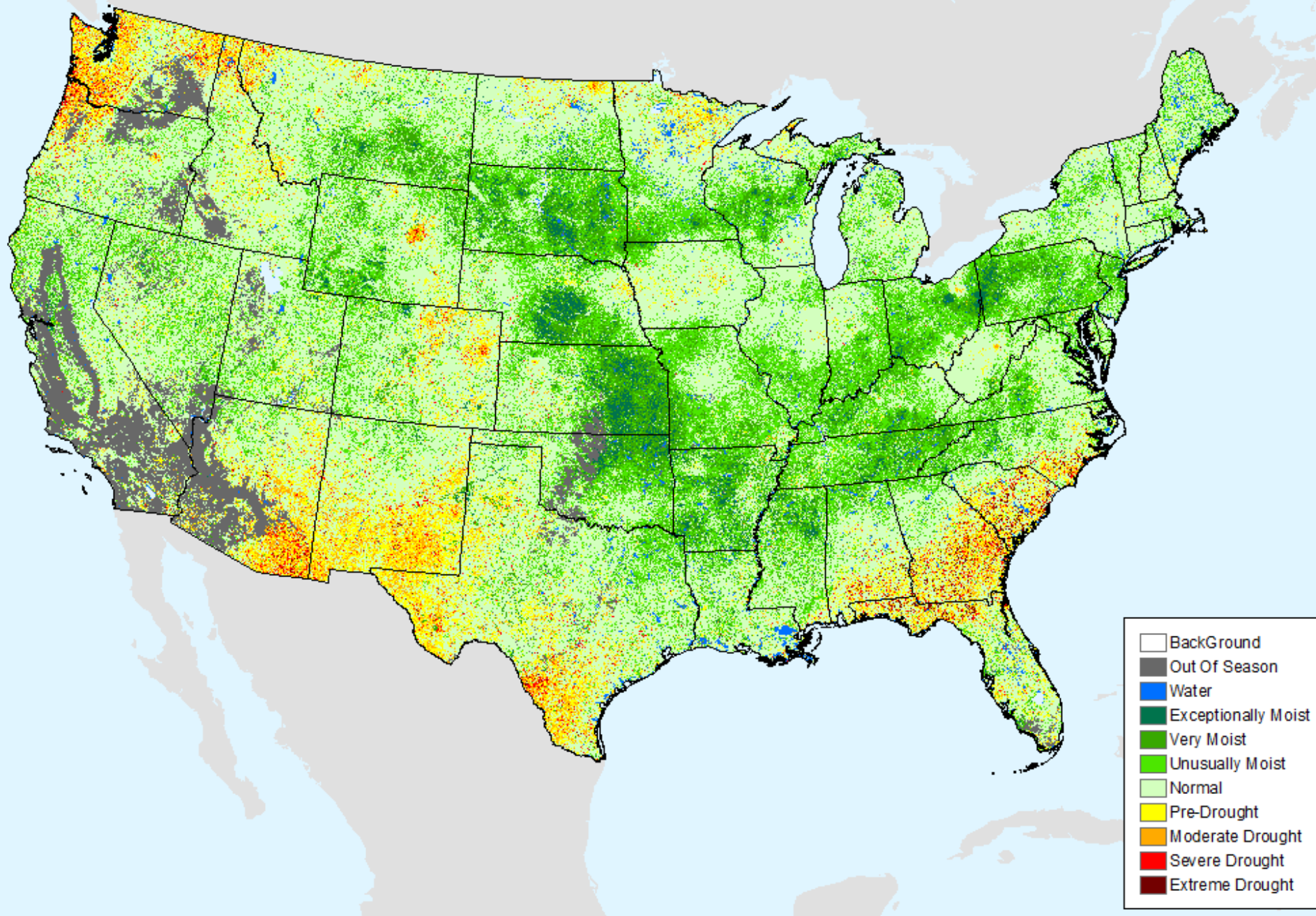
As of: Tuesday, August 20, 2019



USDM for: Aug. 13, 2019

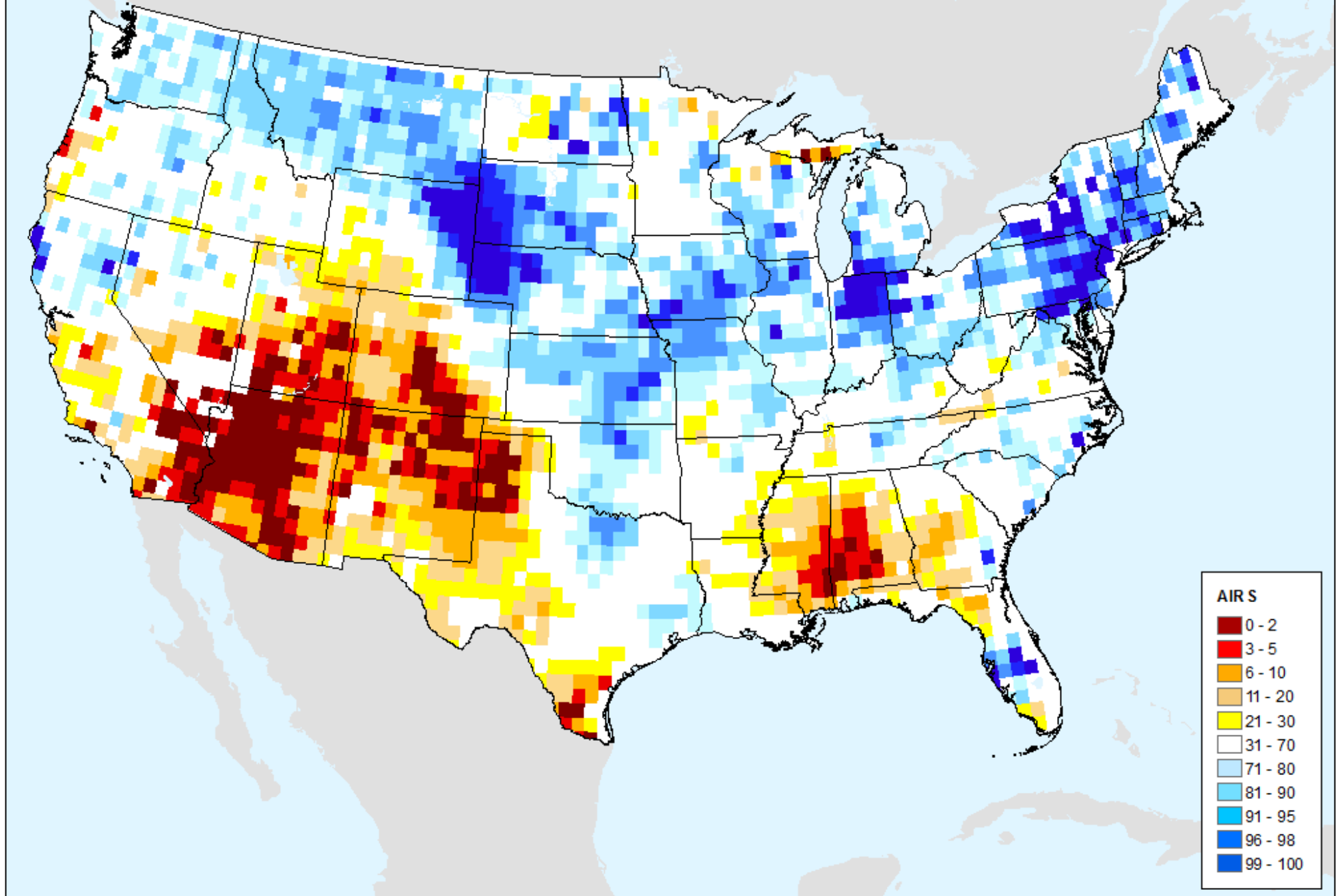
Vegetation Drought Response Index (VegDRI)

As of: Tuesday, August 20, 2019



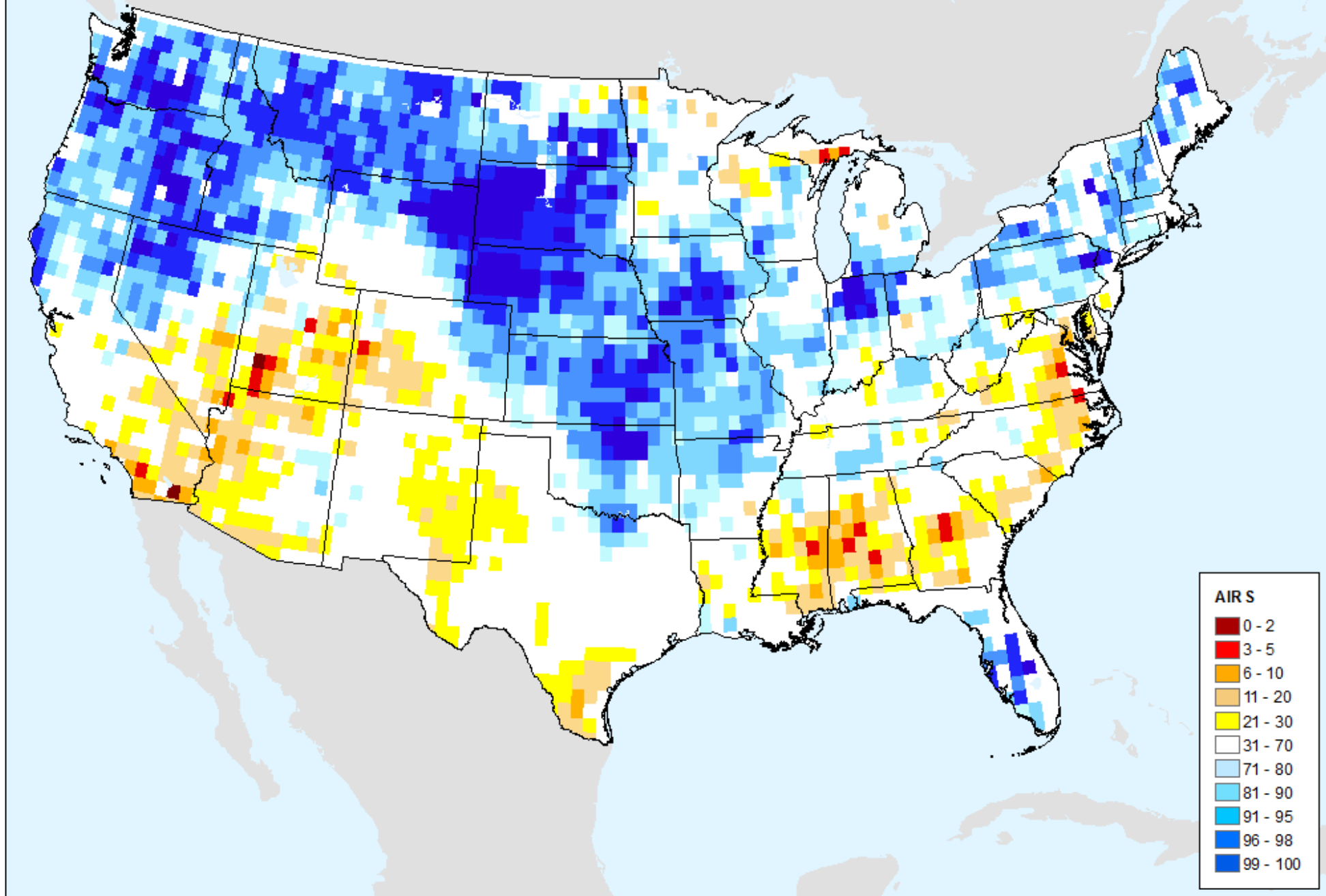
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, August 20, 2019



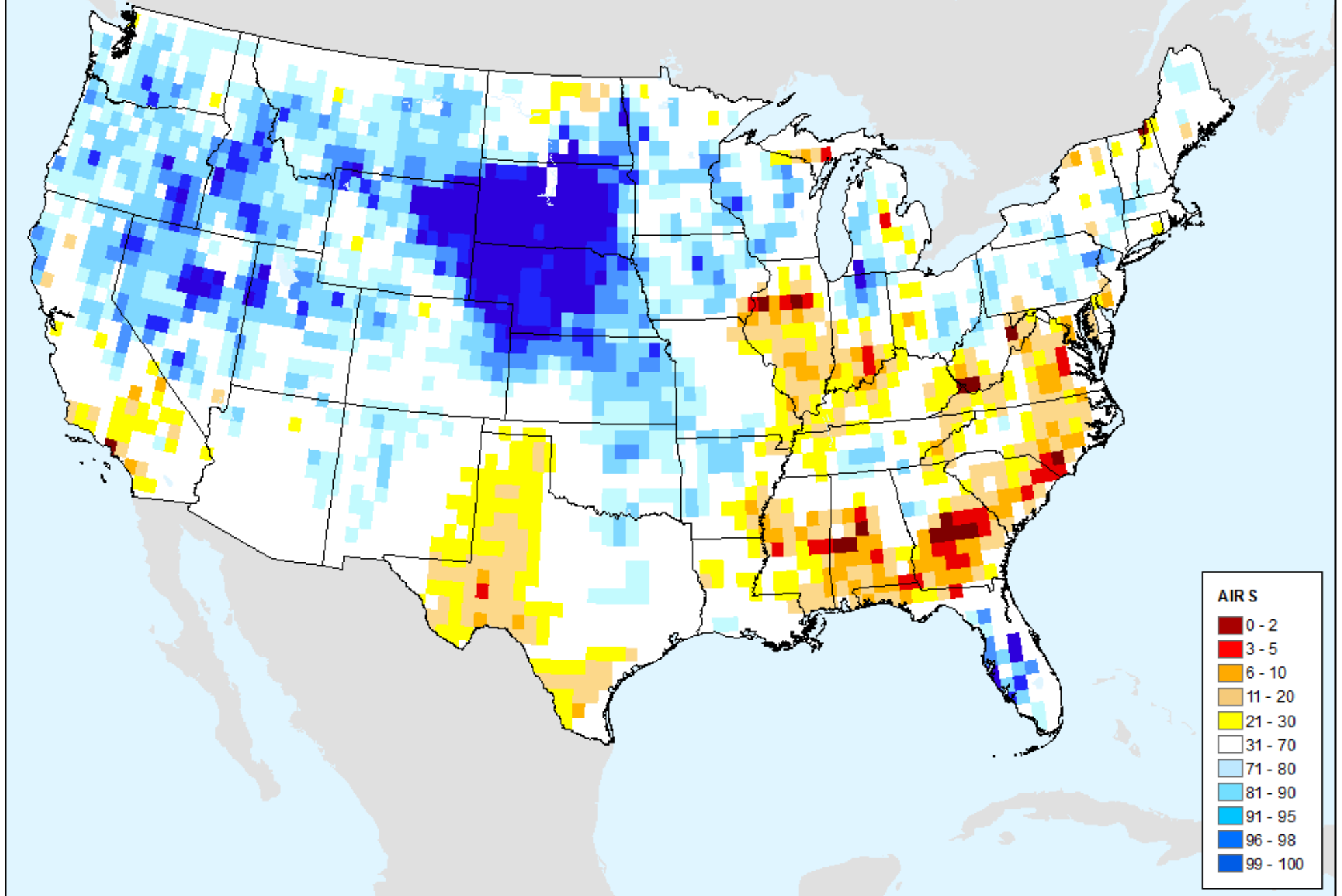
AIRS-Based Surface Relative Humidity 14 Day

As of: Tuesday, August 20, 2019



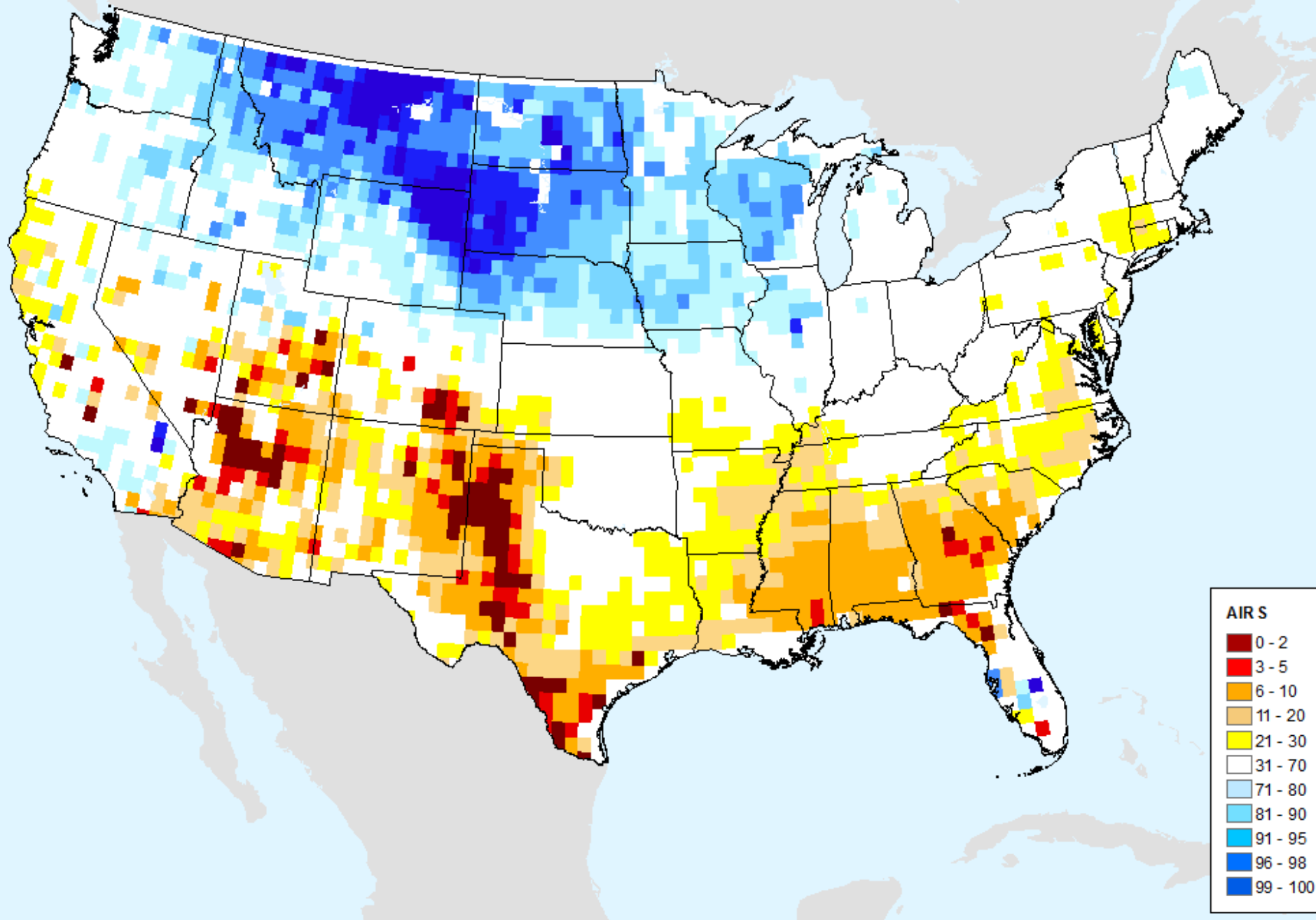
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, August 20, 2019



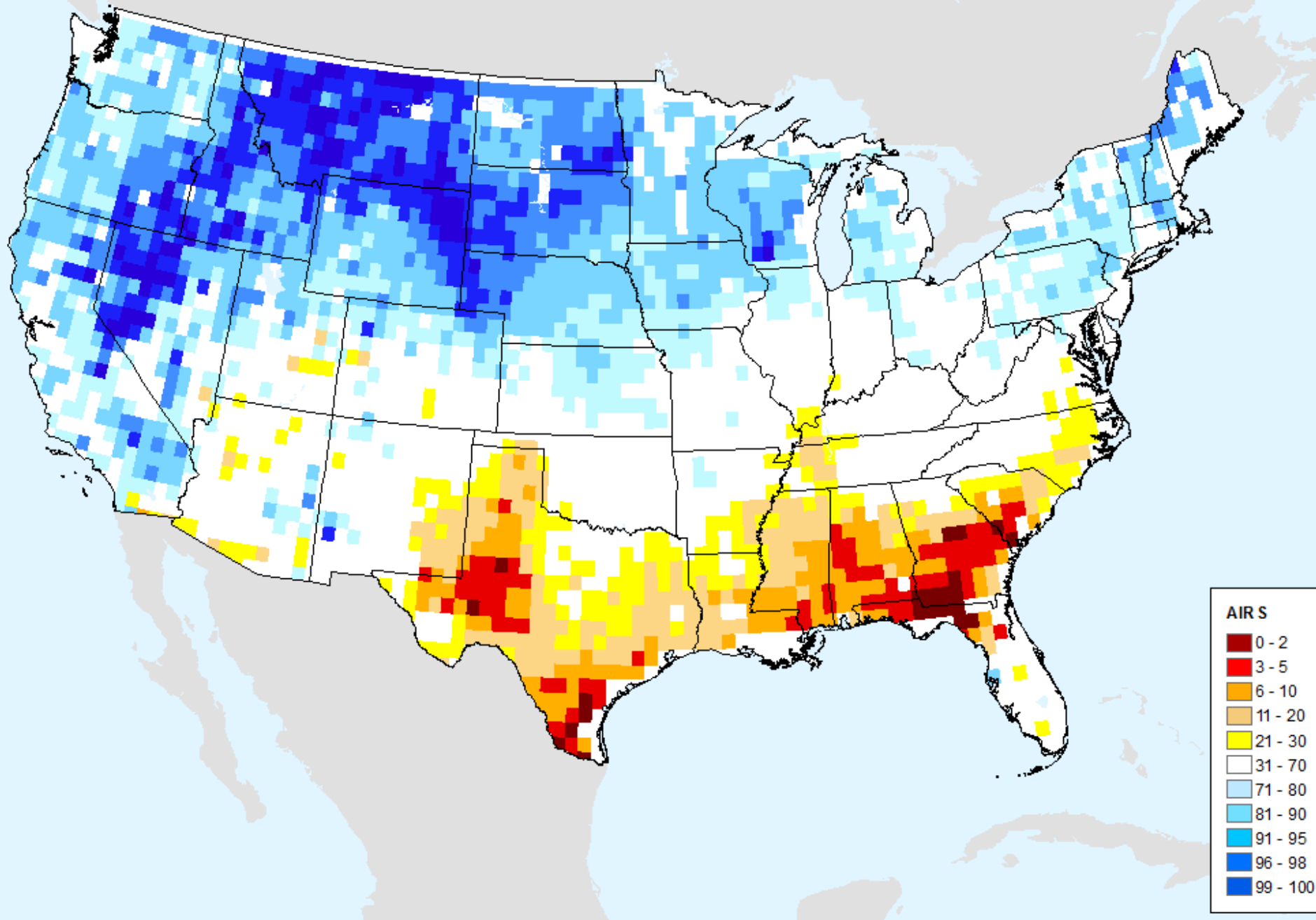
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Tuesday, August 20, 2019



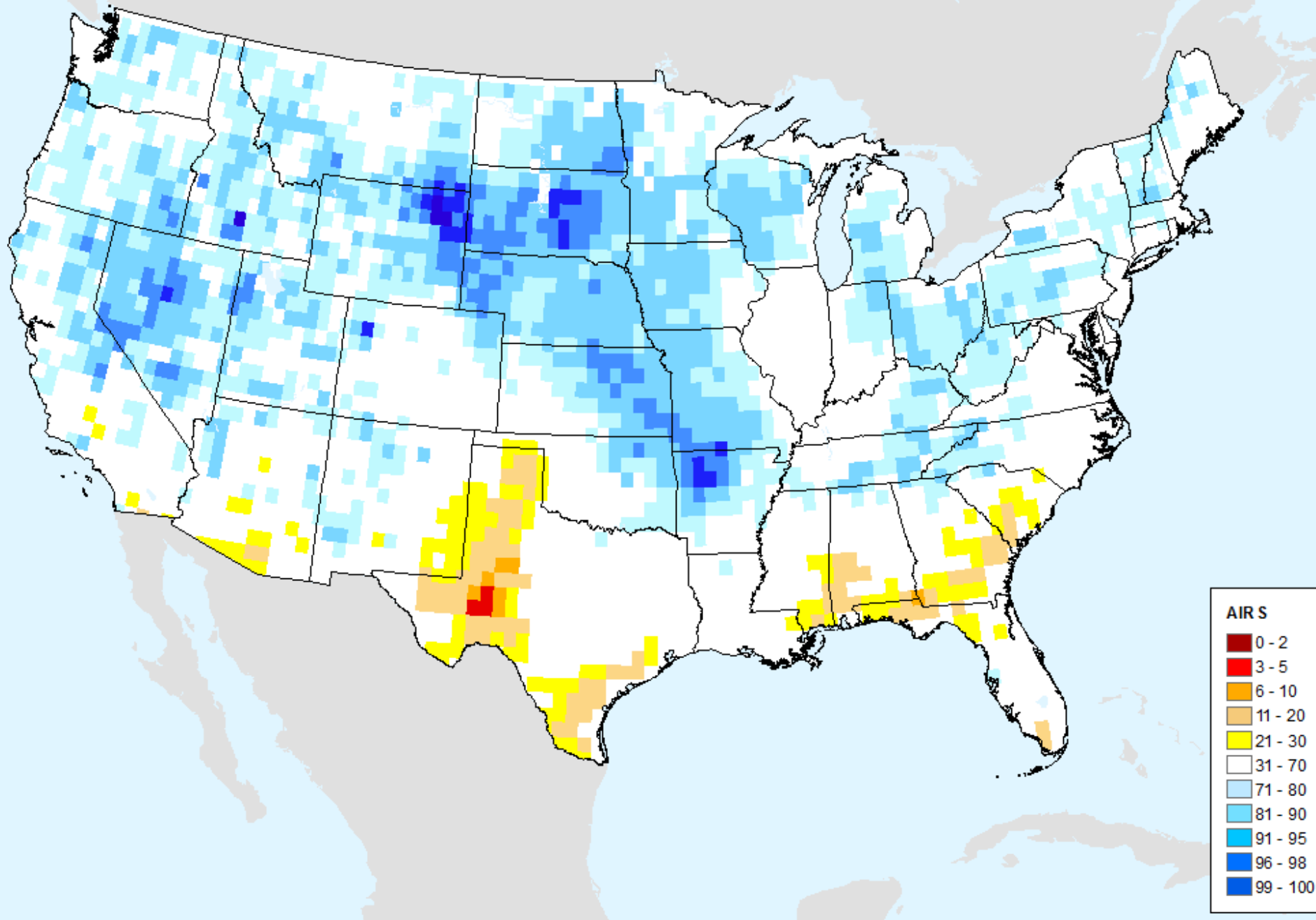
AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Tuesday, August 20, 2019



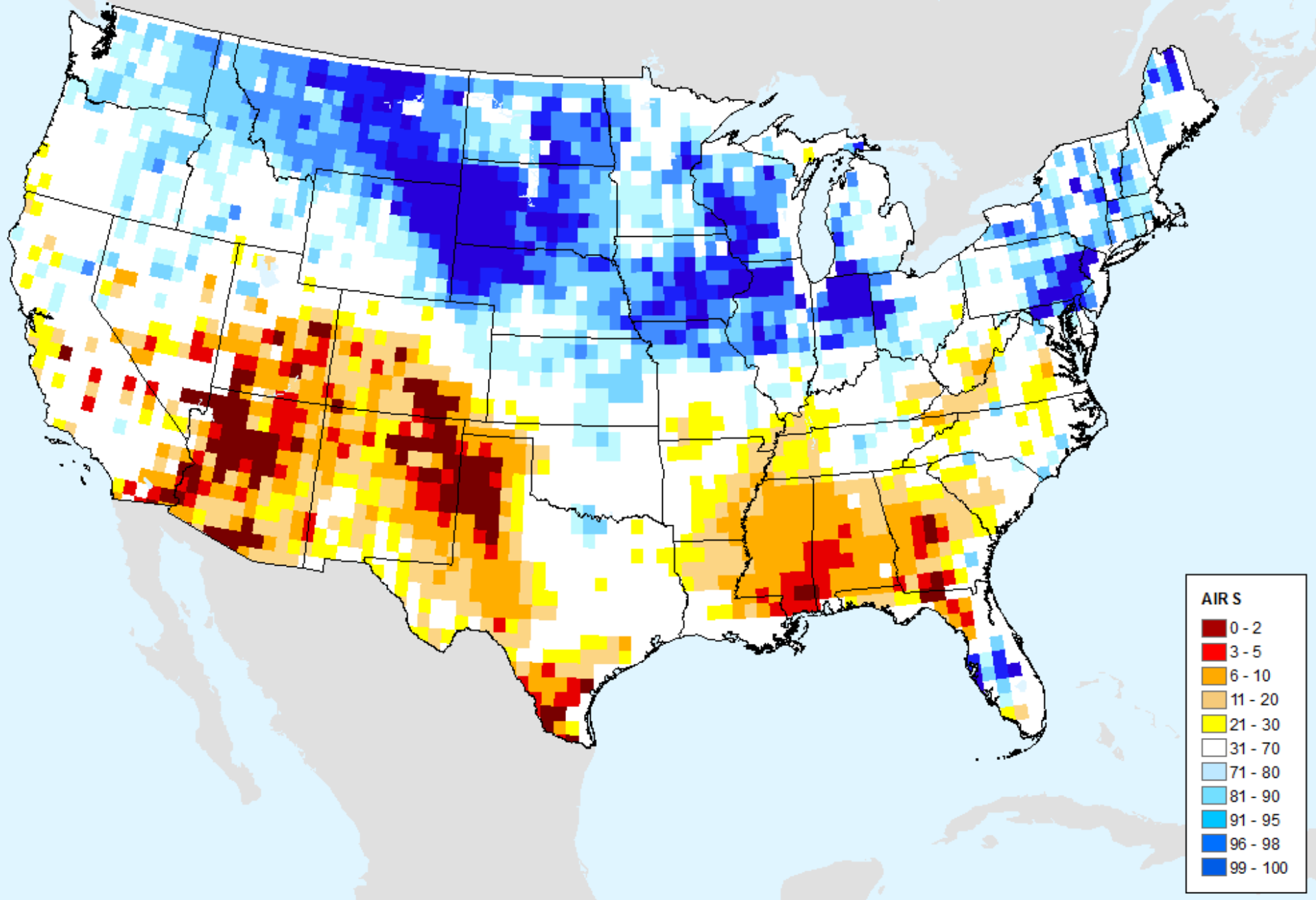
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, August 20, 2019



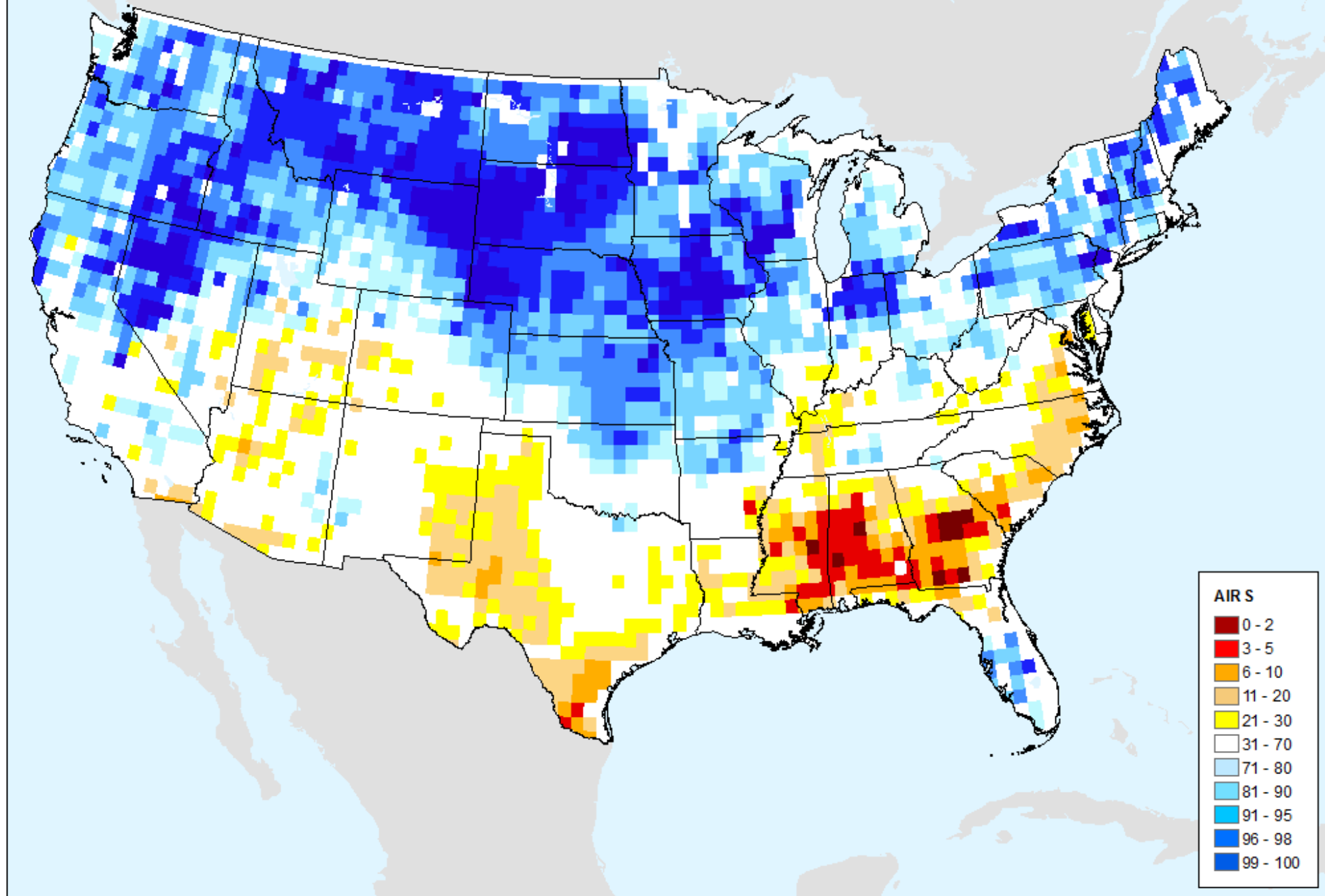
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, August 20, 2019



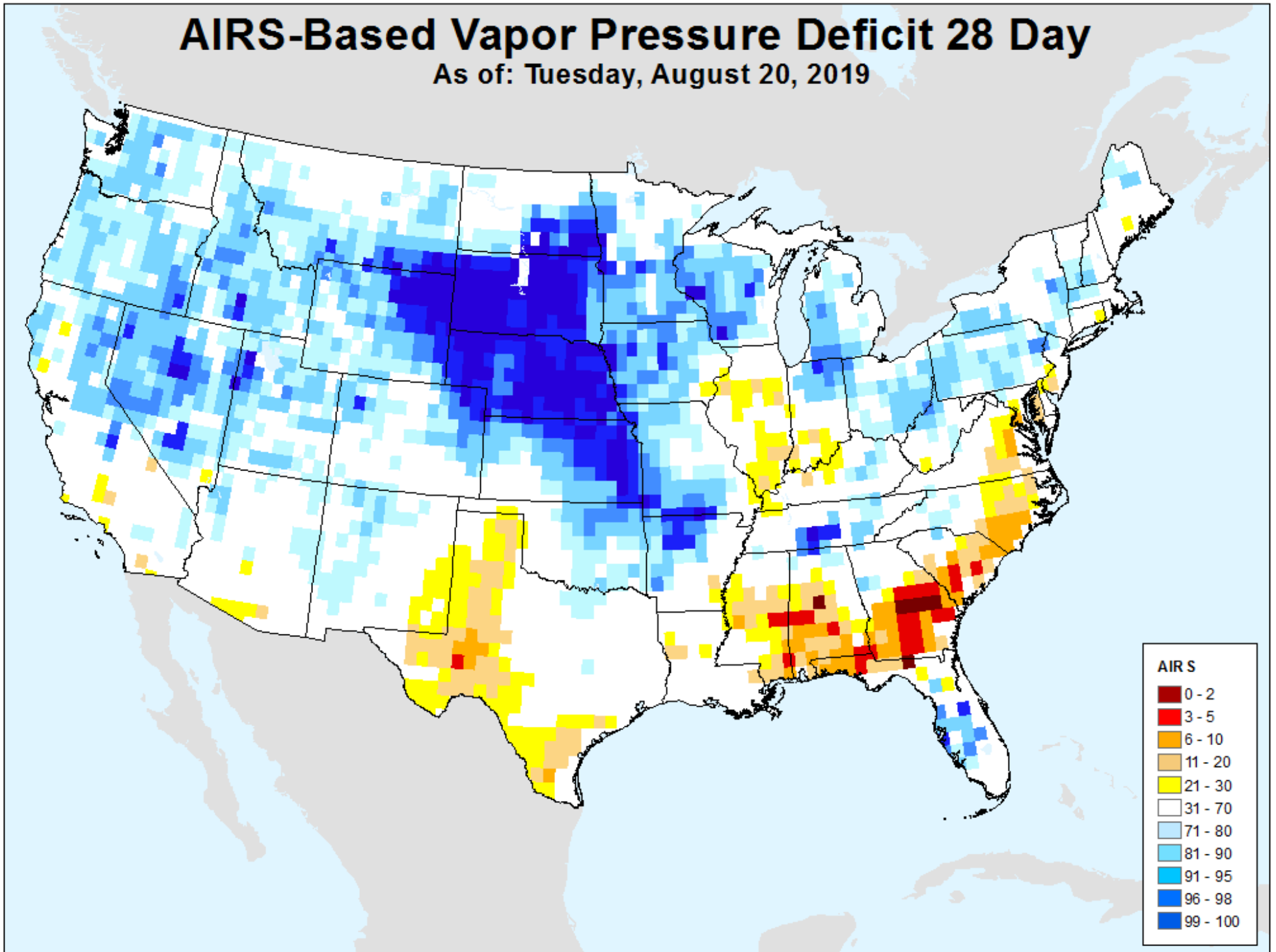
AIRS-Based Vapor Pressure Deficit 14 Day

As of: Tuesday, August 20, 2019

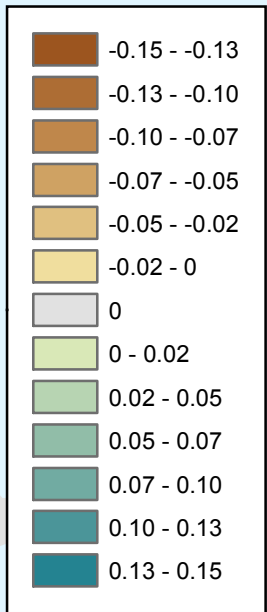
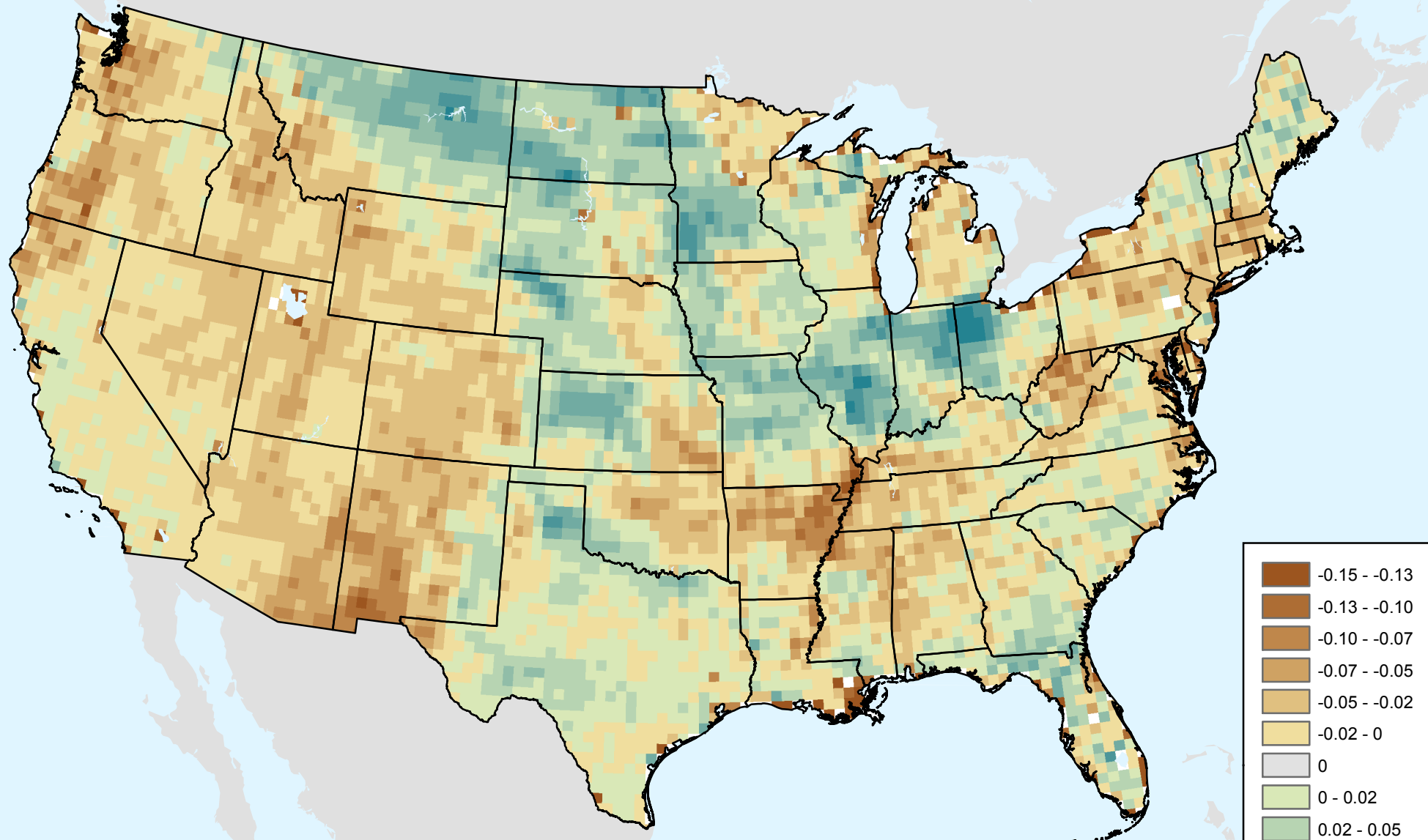


AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, August 20, 2019

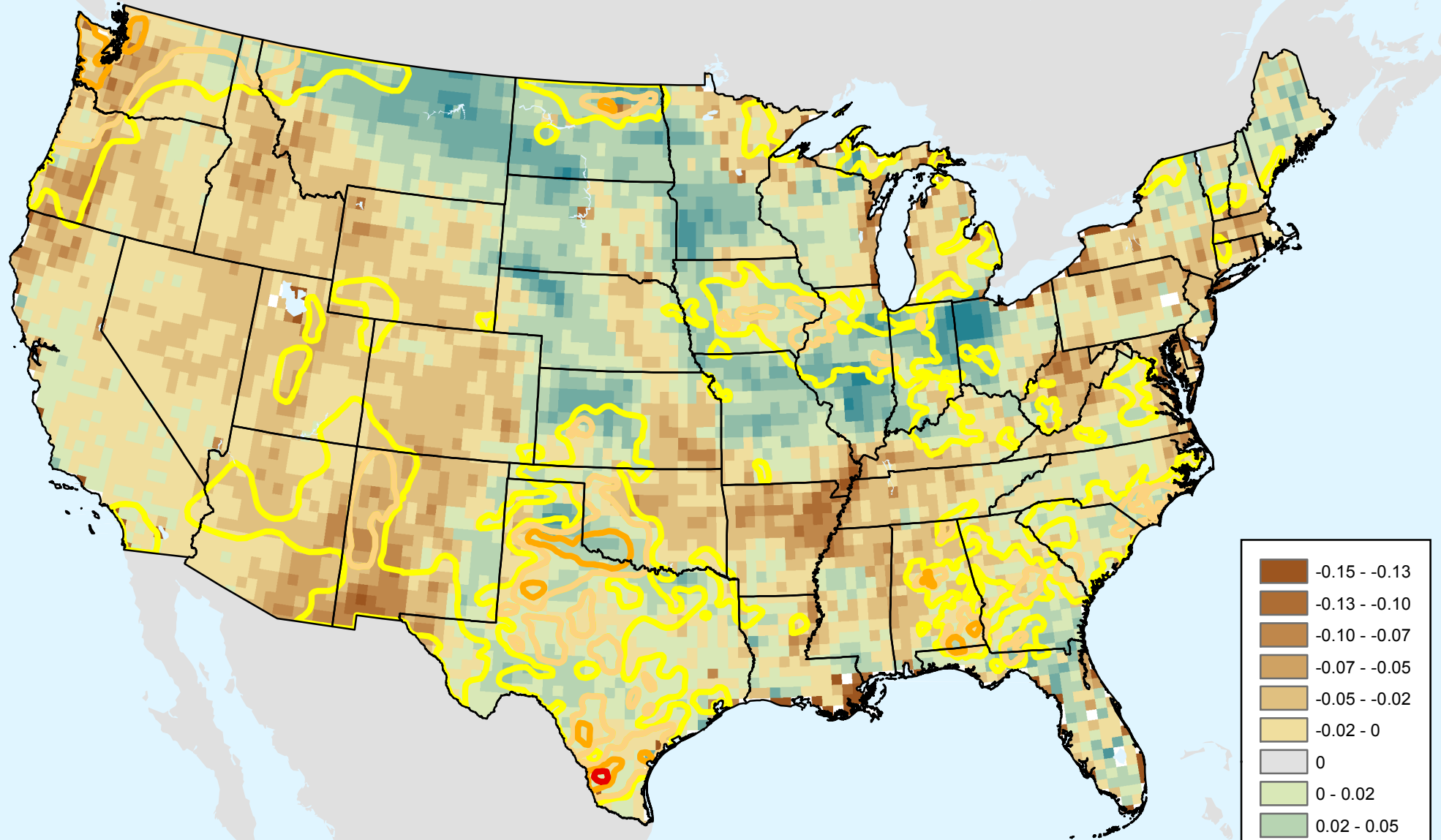


SMAP 1-Week Change in Soil Moisture 0-5 cm



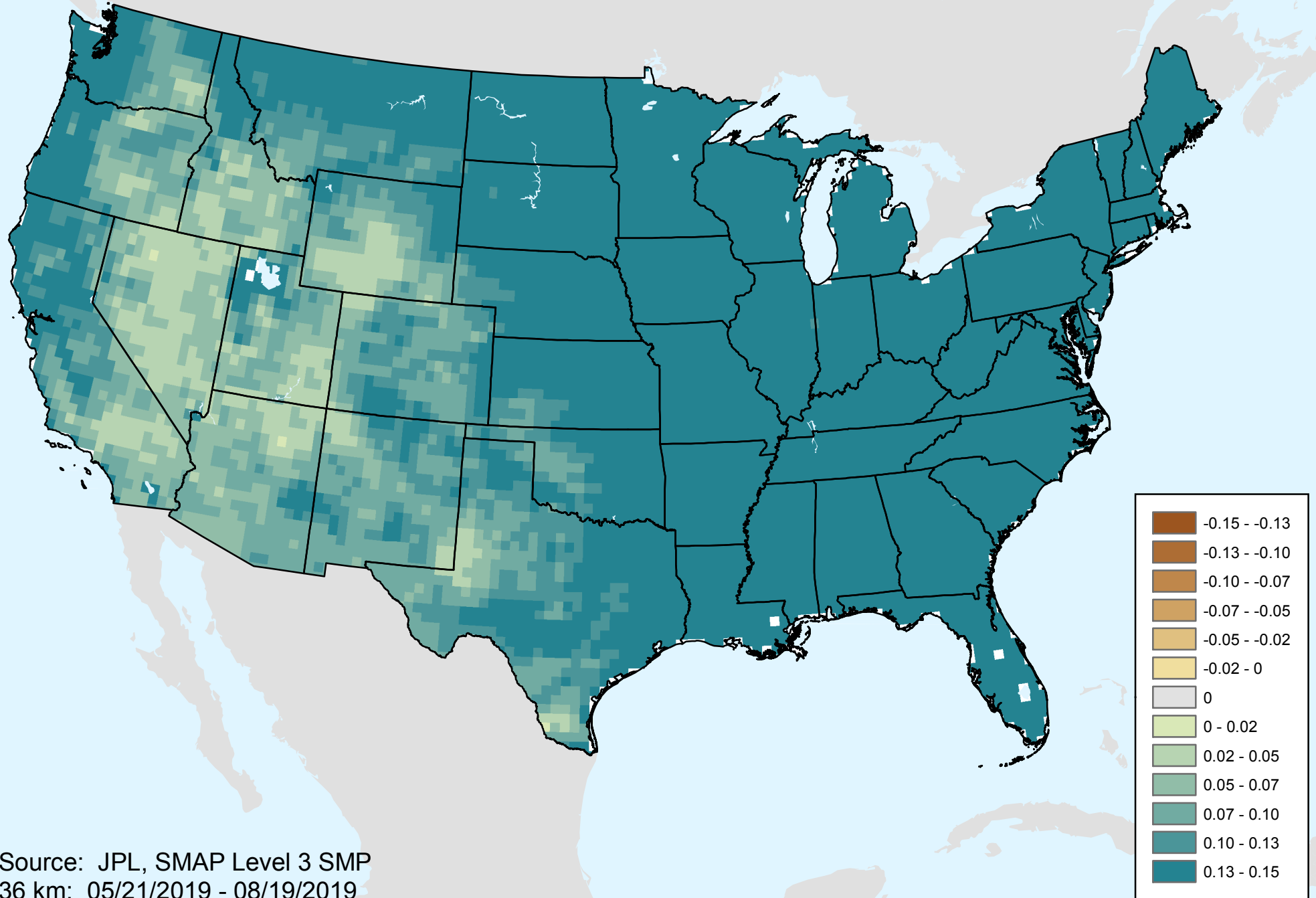
Source: JPL, SMAP Level 3 SMP
36 km: 8/06/2019 - 08/19/2019

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



Source: JPL, SMAP Level 3 SMP
36 km: 8/06/2019 - 08/19/2019
USDM 08/13/2019

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



Source: JPL, SMAP Level 3 SMP
36 km: 05/21/2019 - 08/19/2019

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

