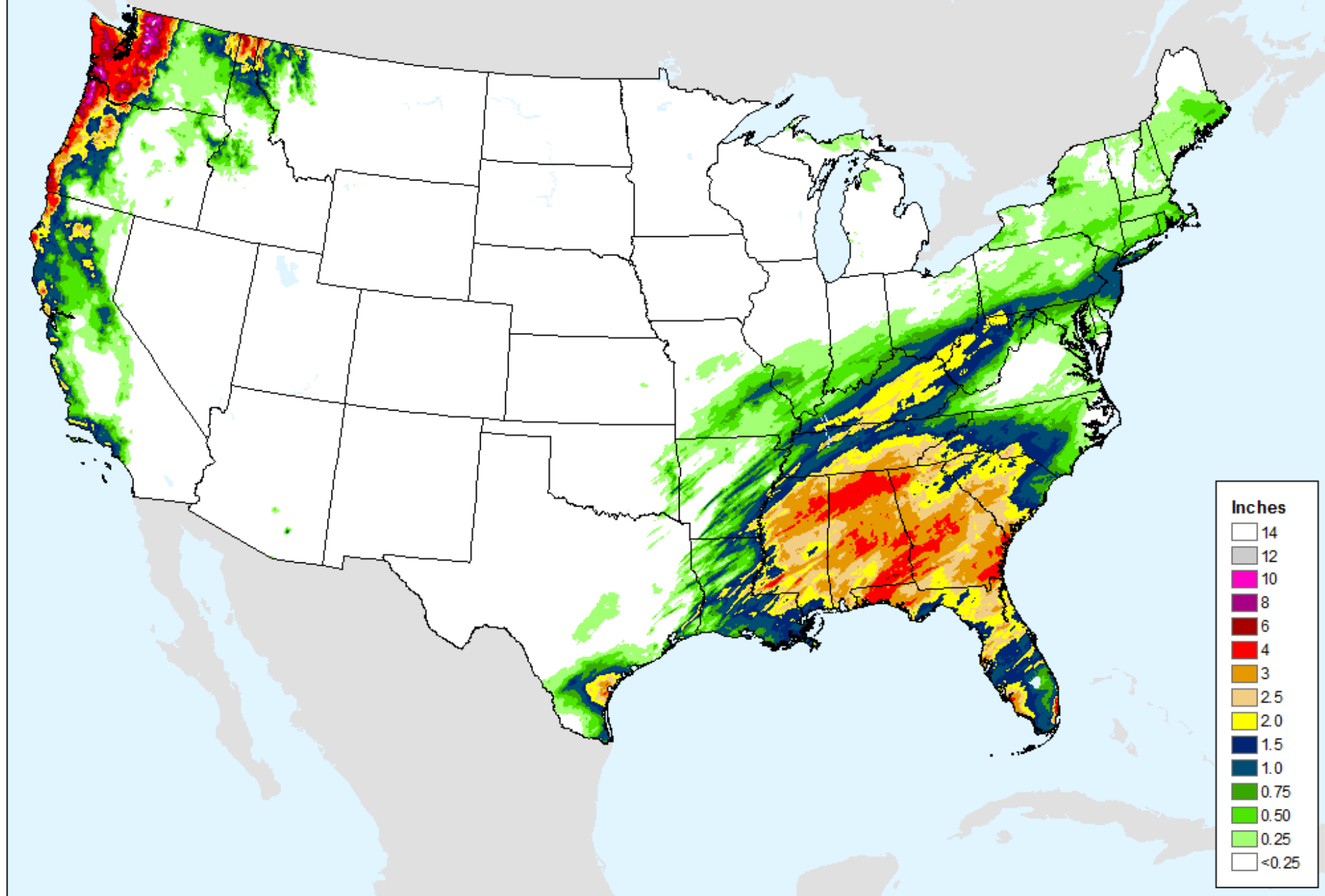


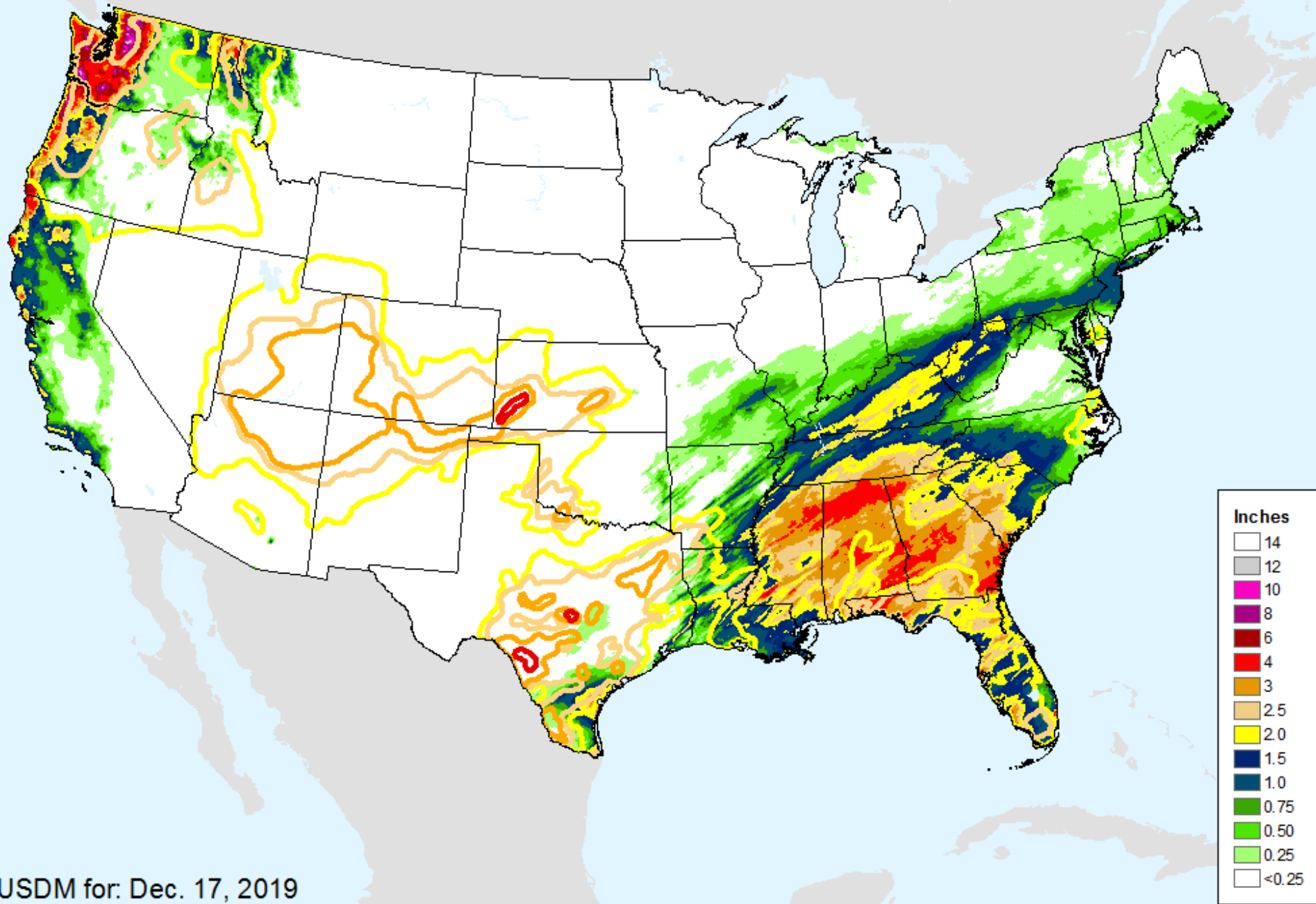
AHPS 7-Day Precipitation

As of: Monday, December 23, 2019



AHPS 7-Day Precipitation

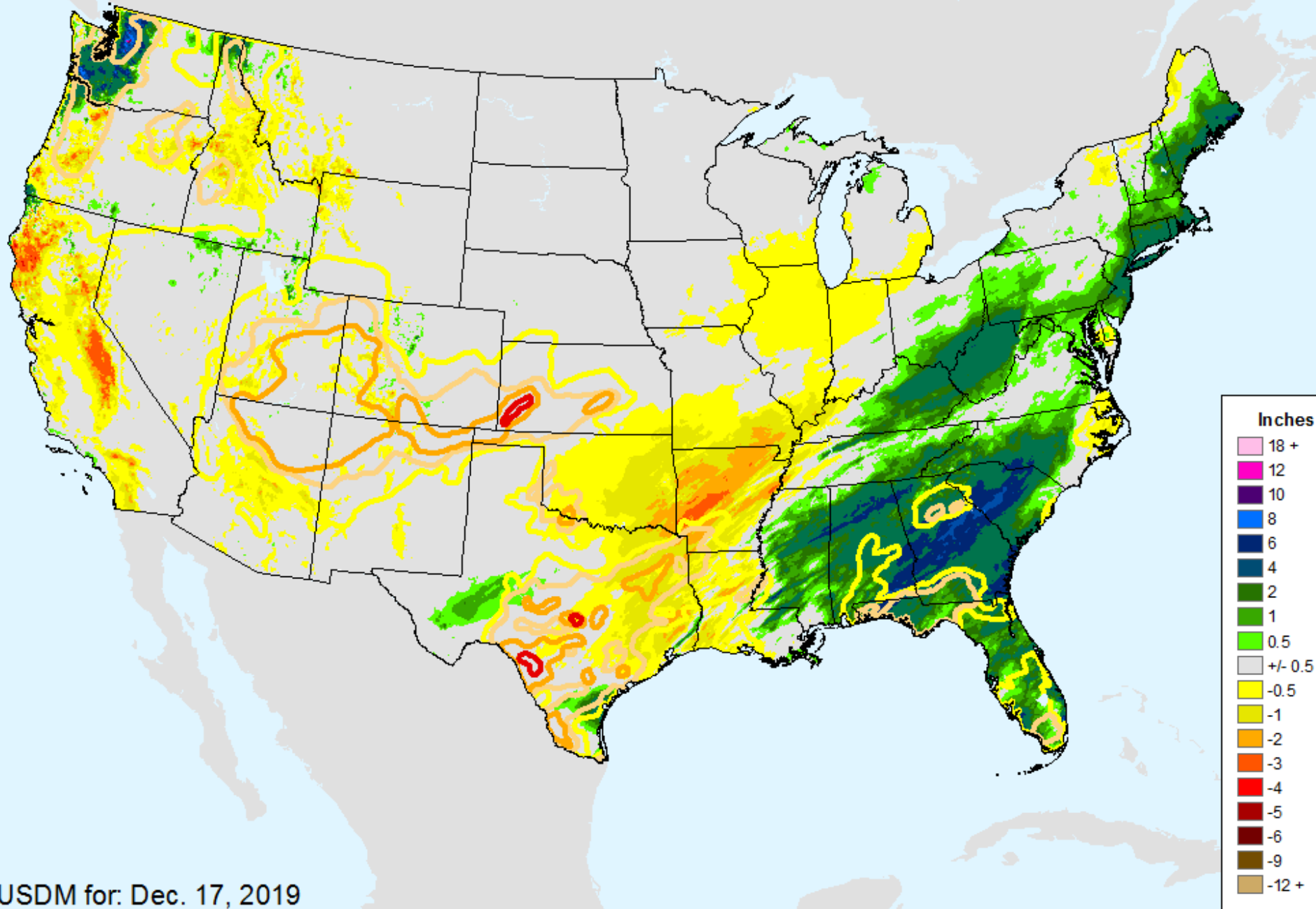
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

AHPS 14-Day Precip Departure

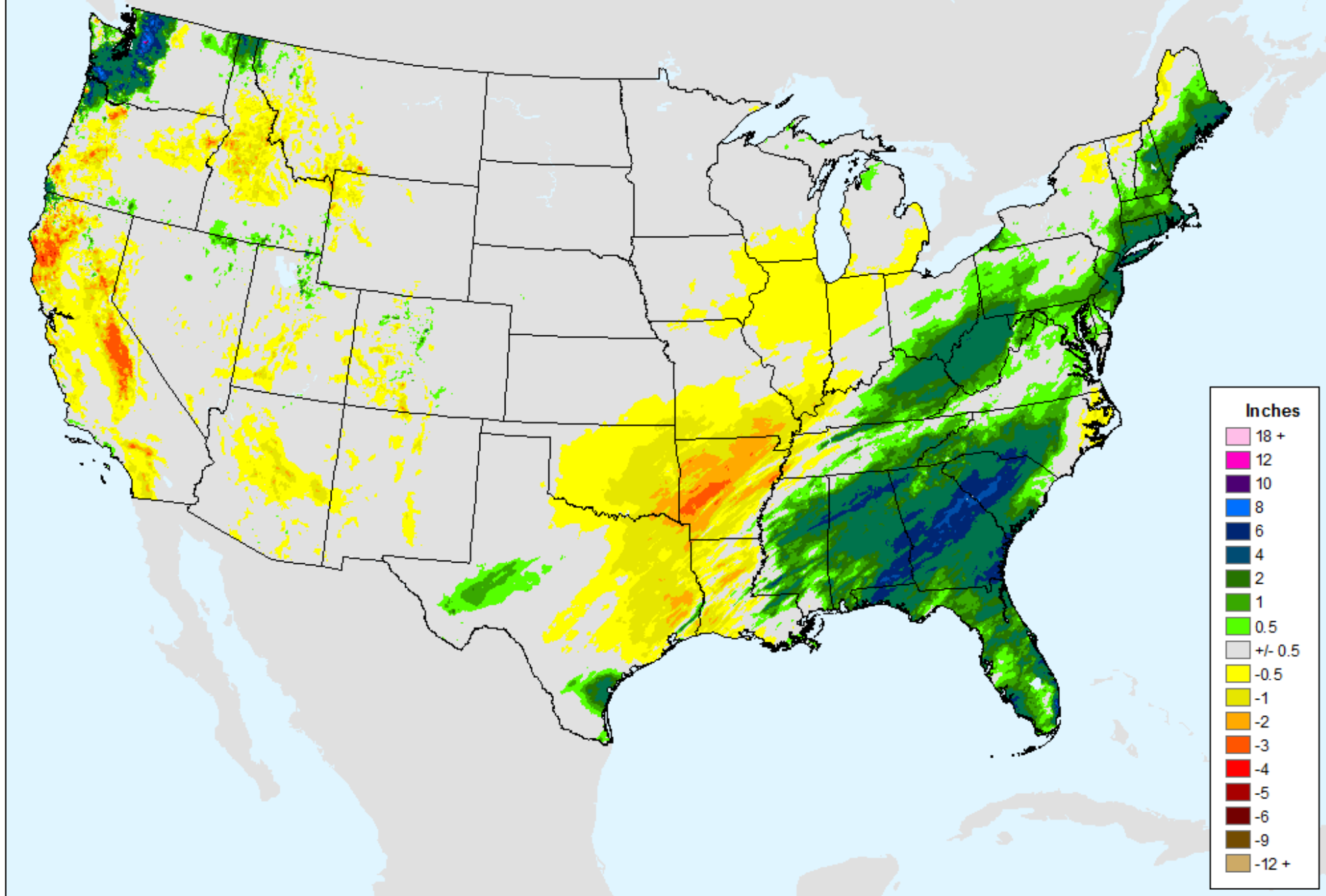
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

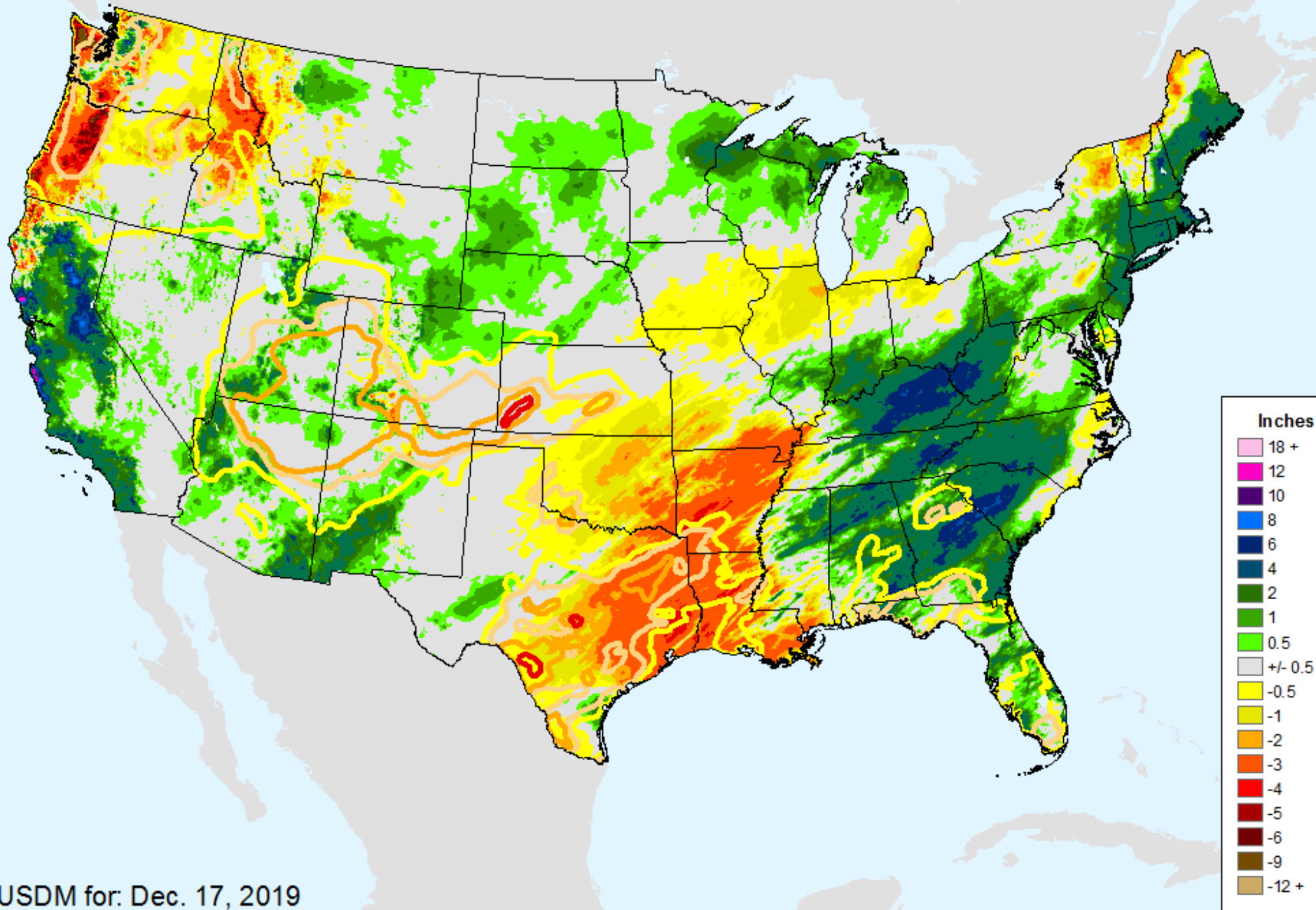
AHPS 14-Day Precip Departure

As of: Monday, December 23, 2019



AHPS 30-Day Precip Departure

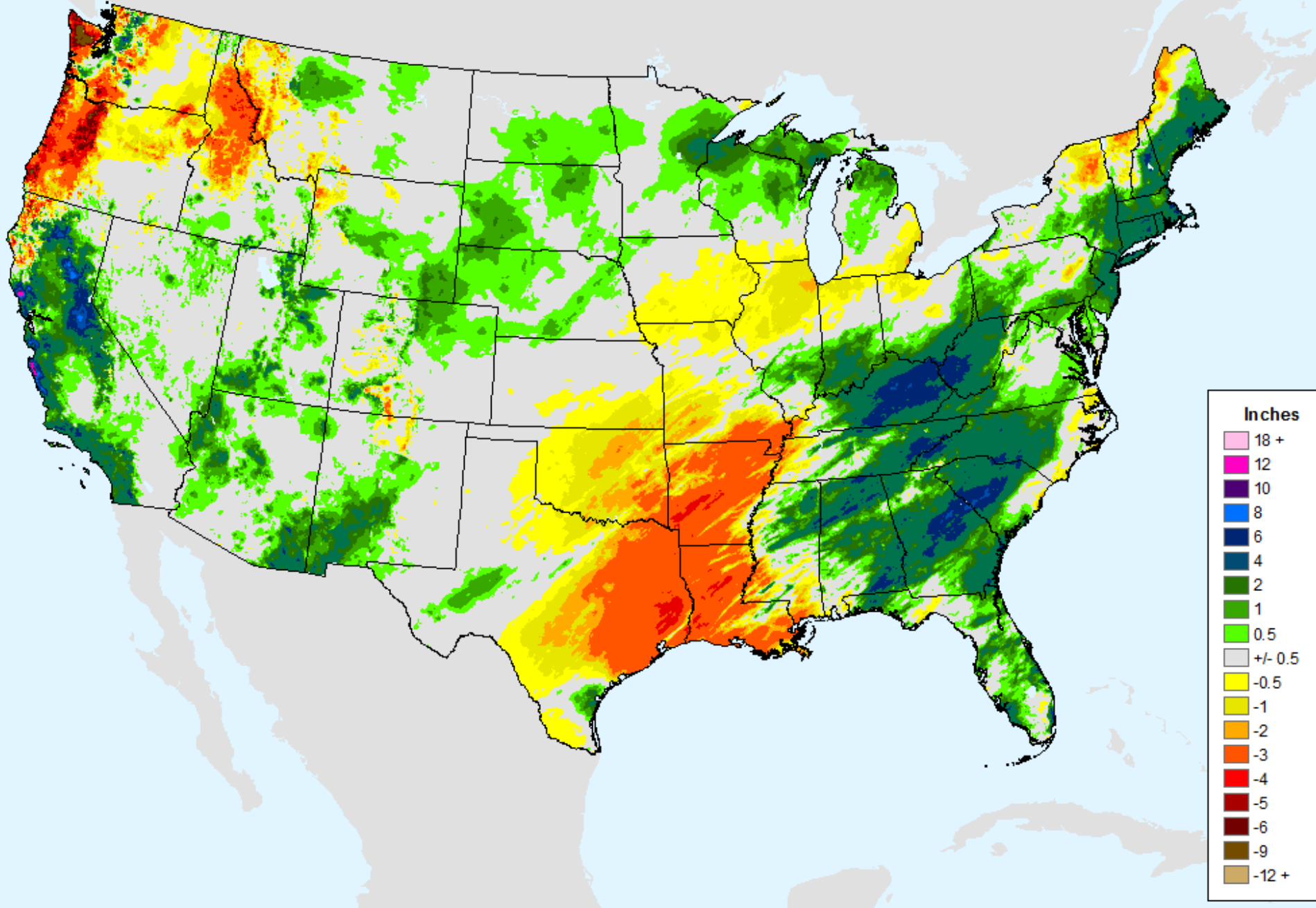
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

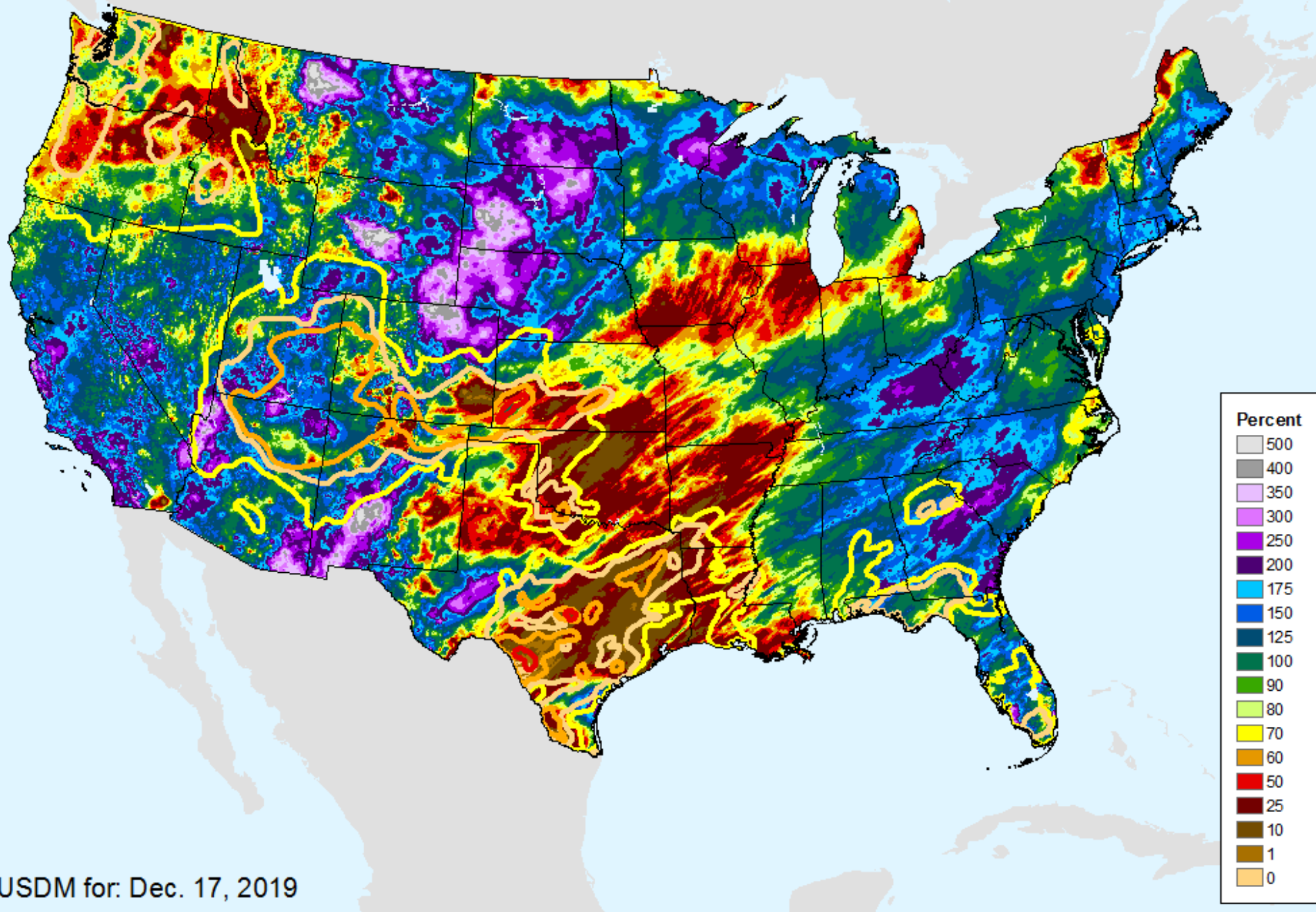
AHPS 30-Day Precip Departure

As of: Monday, December 23, 2019



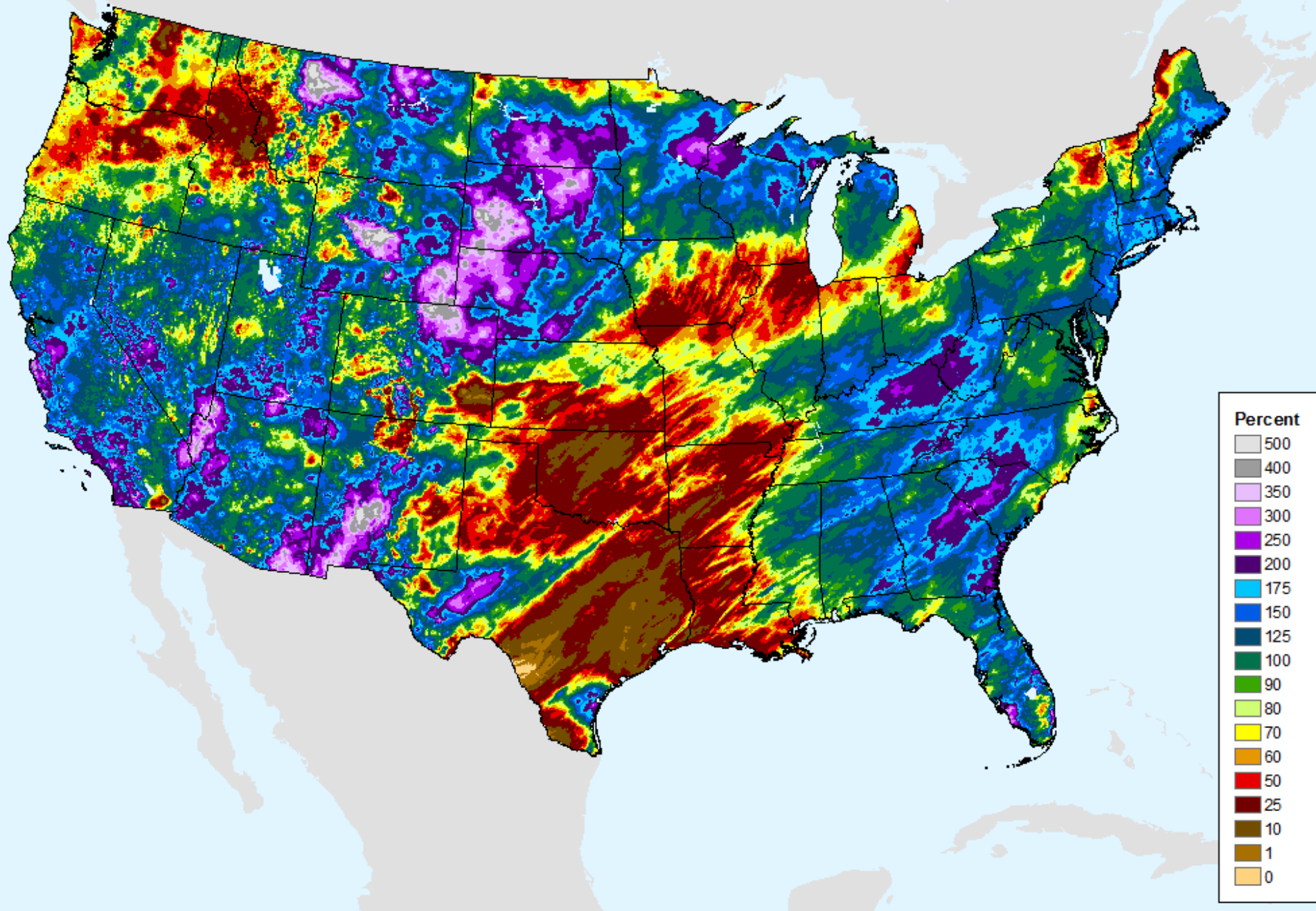
AHPS 30-Day Pct of Normal Pcp

As of: Monday, December 23, 2019



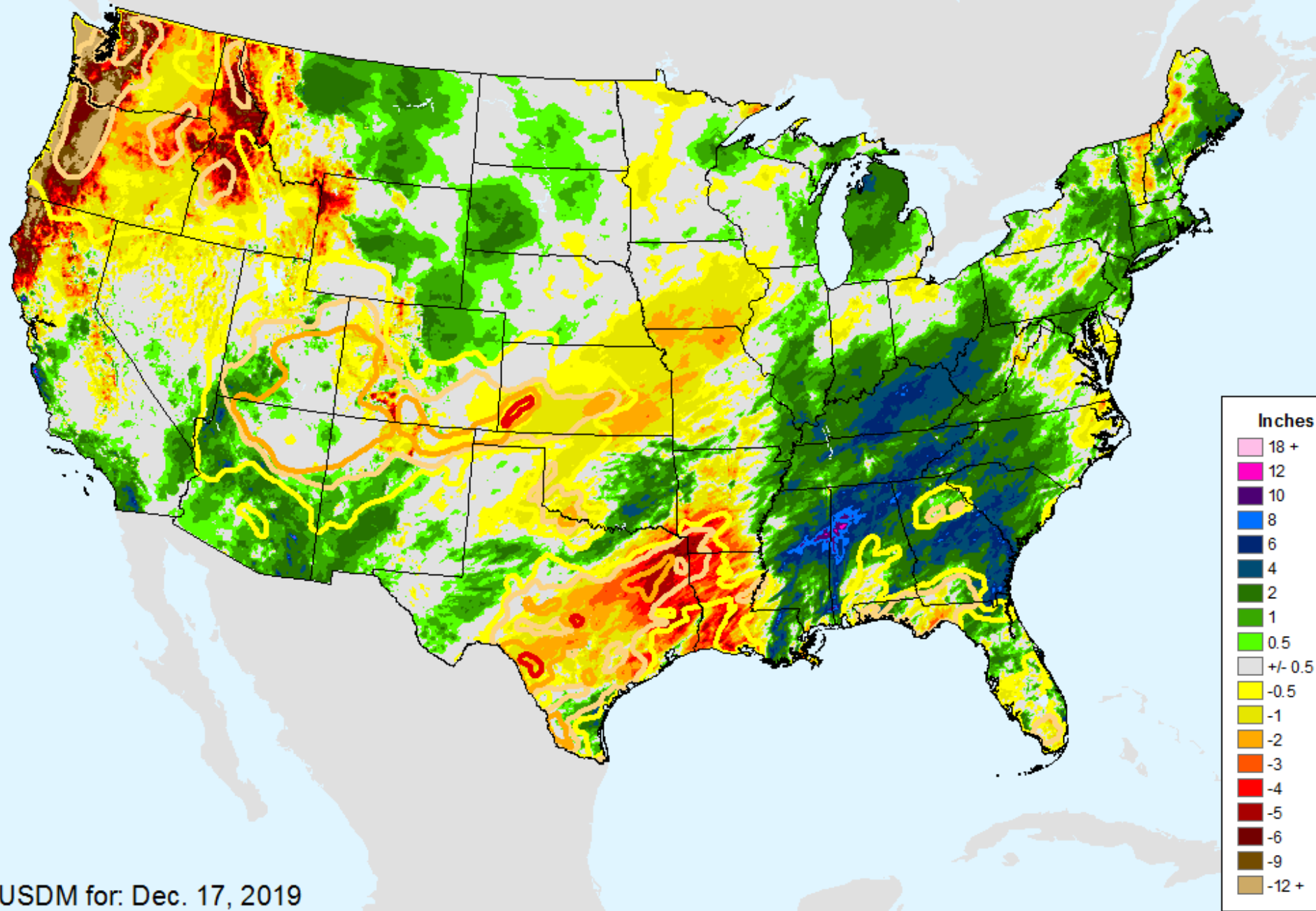
AHPS 30-Day Pct of Normal Pcp

As of: Monday, December 23, 2019



AHPS 60-Day Precip Departure

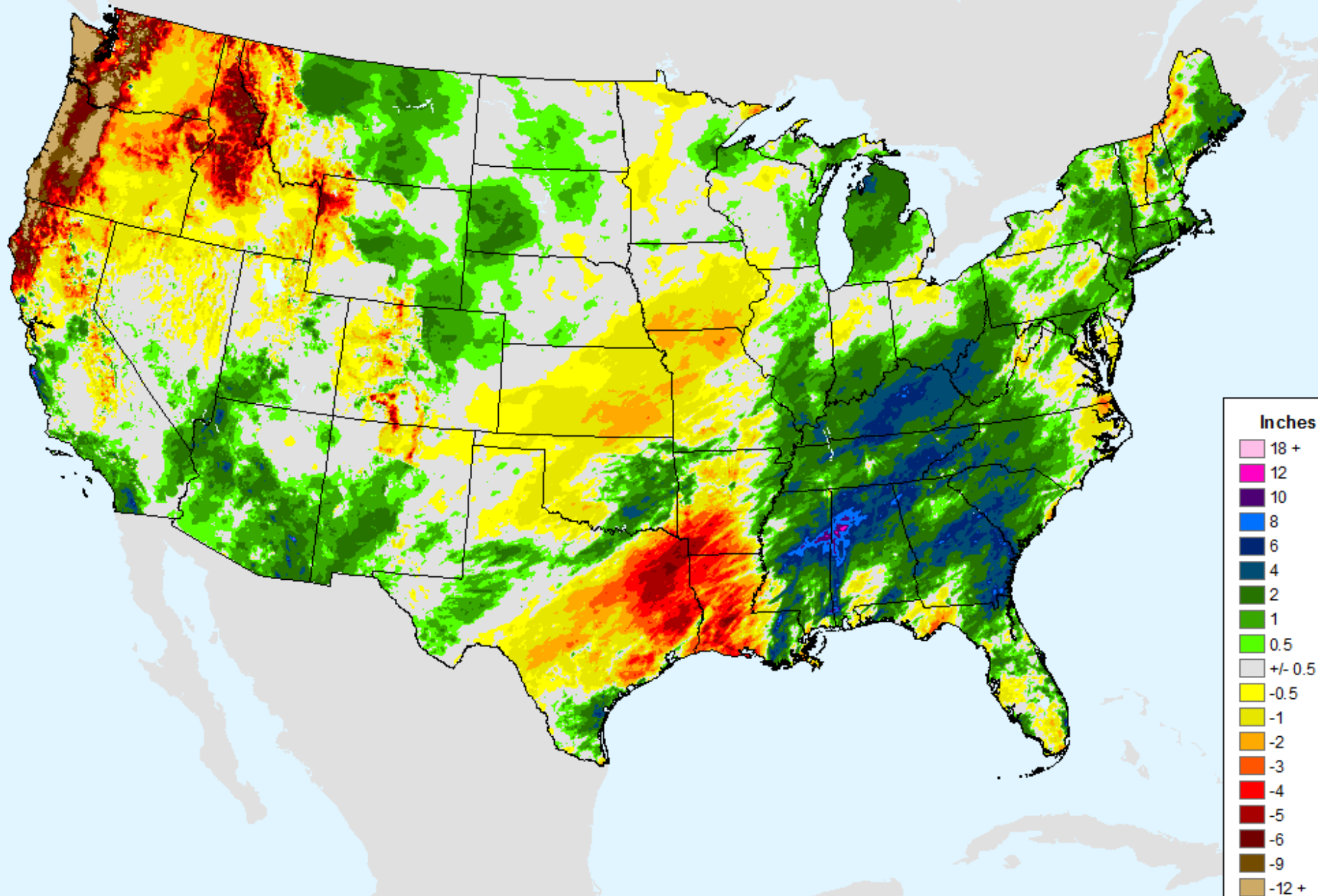
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

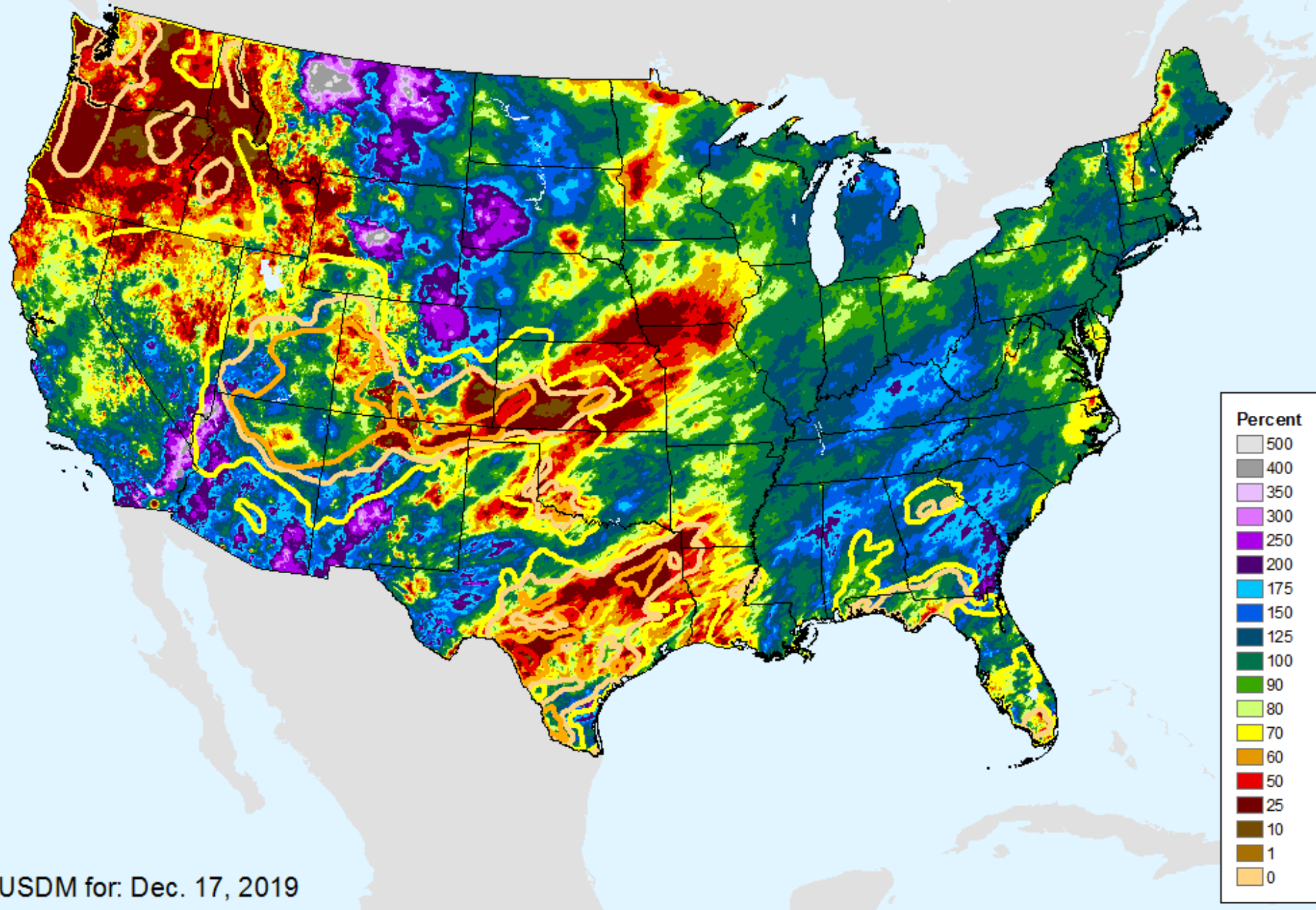
AHPS 60-Day Precip Departure

As of: Monday, December 23, 2019



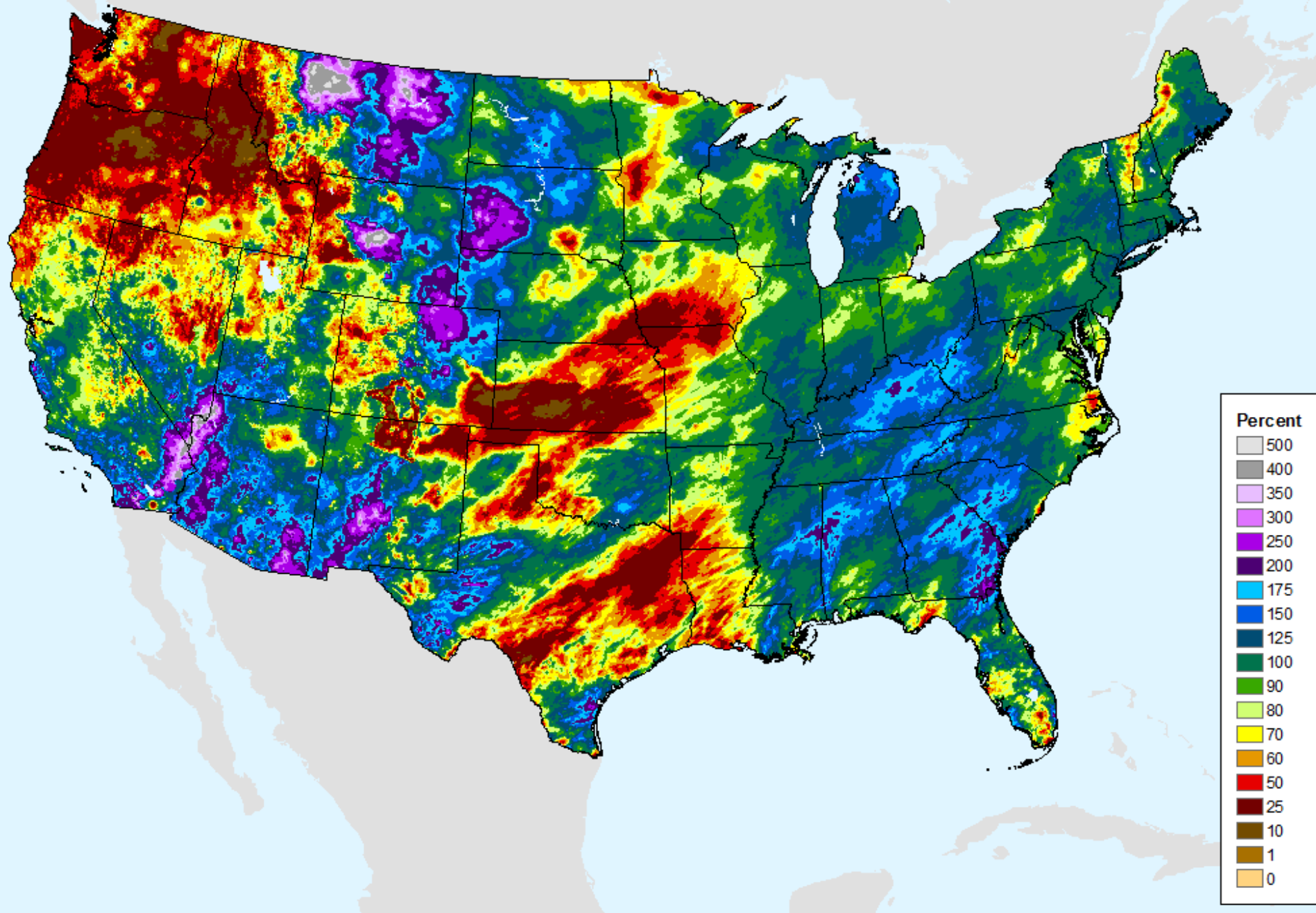
AHPS 60-Day Pct of Normal Pcp

As of: Monday, December 23, 2019



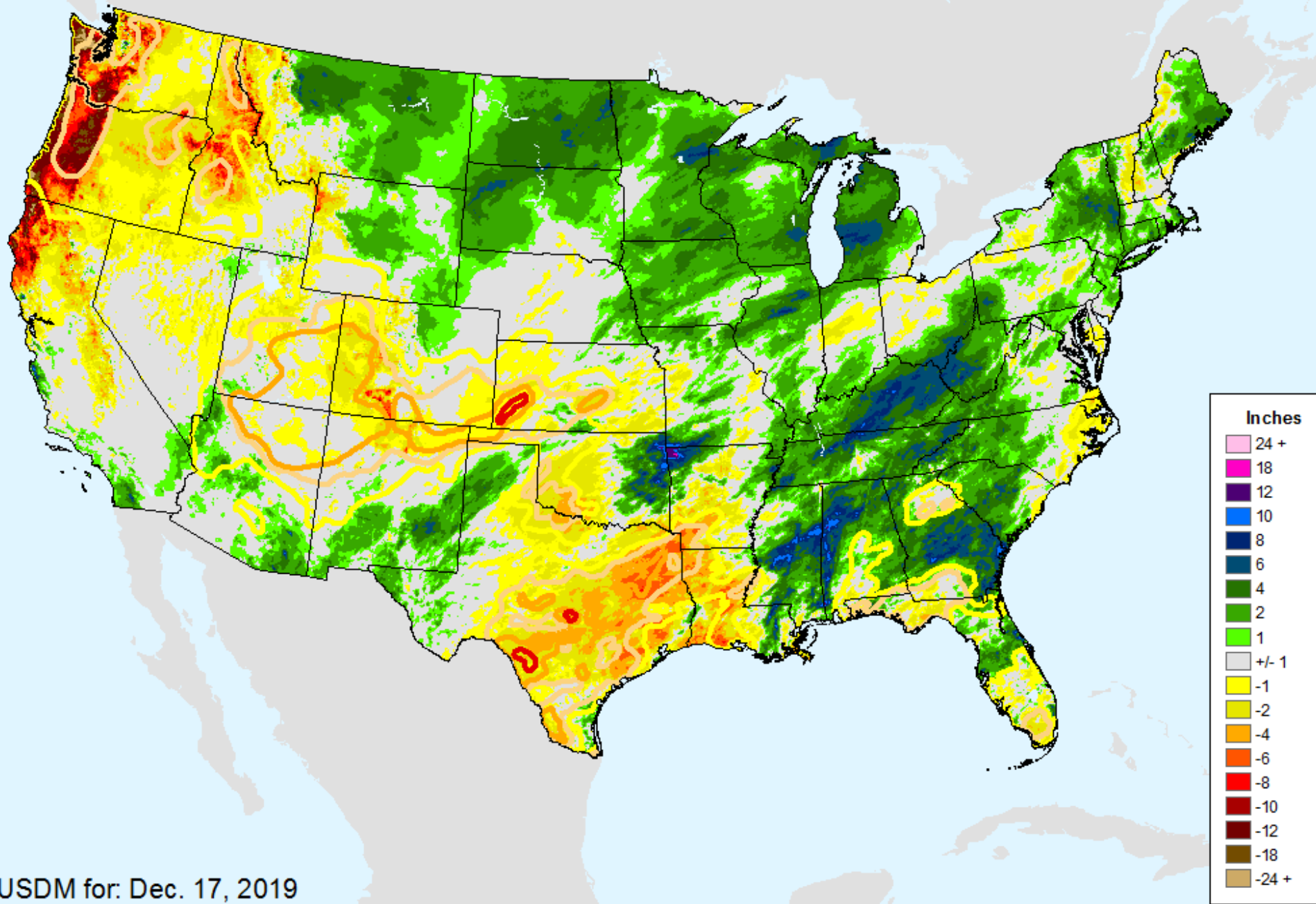
AHPS 60-Day Pct of Normal Pcp

As of: Monday, December 23, 2019



AHPS 90-Day Precip Departure

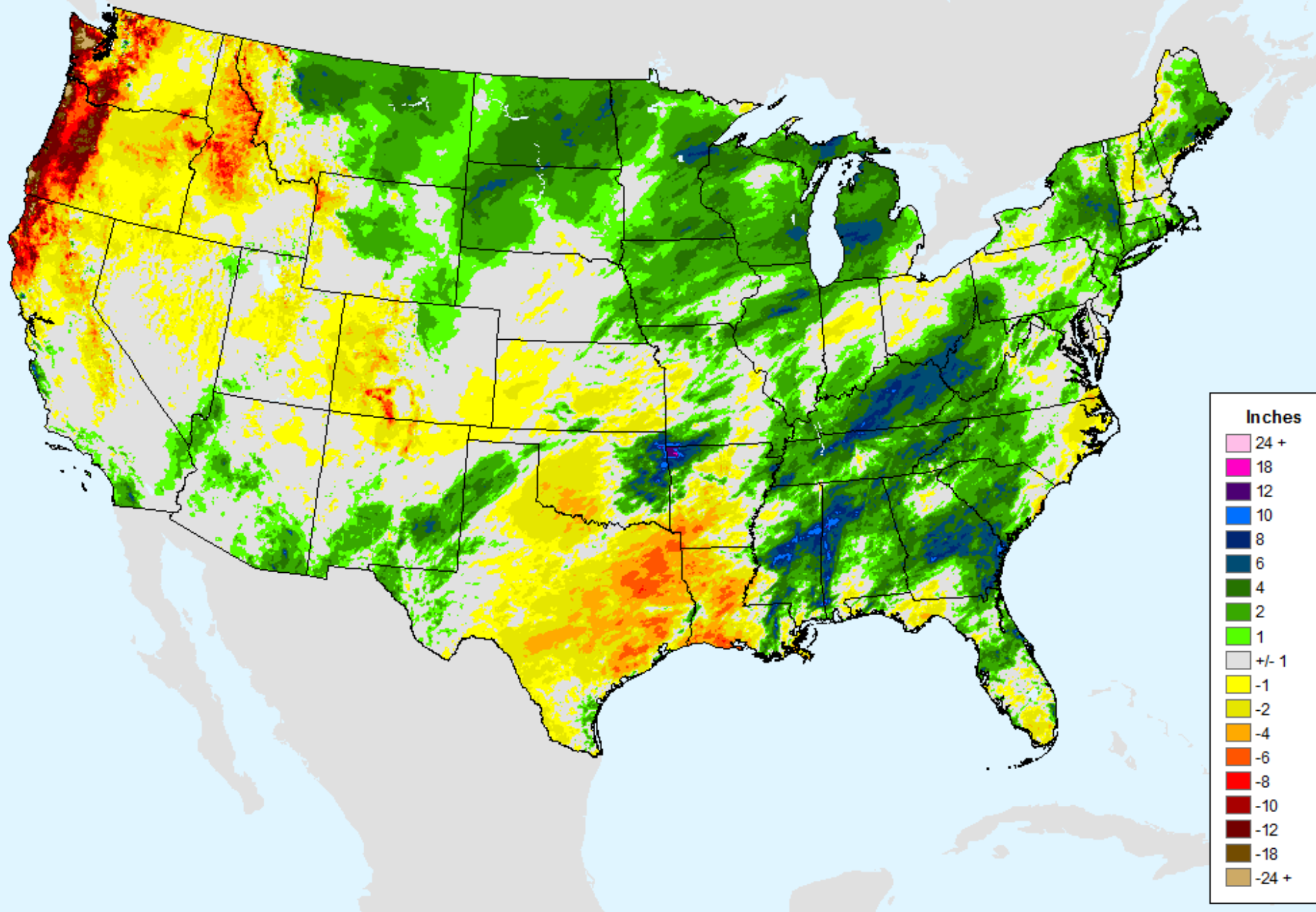
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

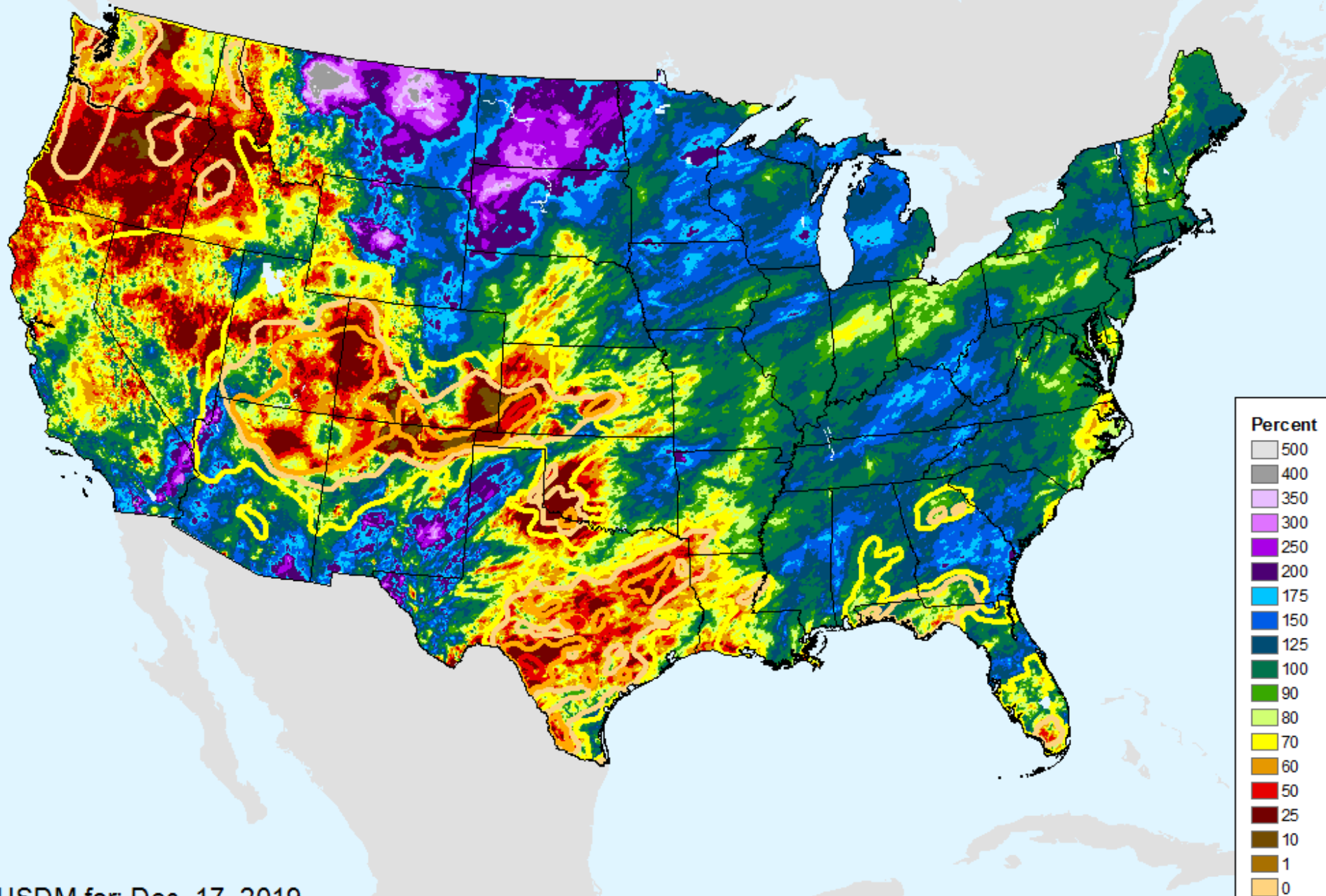
AHPS 90-Day Precip Departure

As of: Monday, December 23, 2019



AHPS 90-Day Pct of Normal Pcp

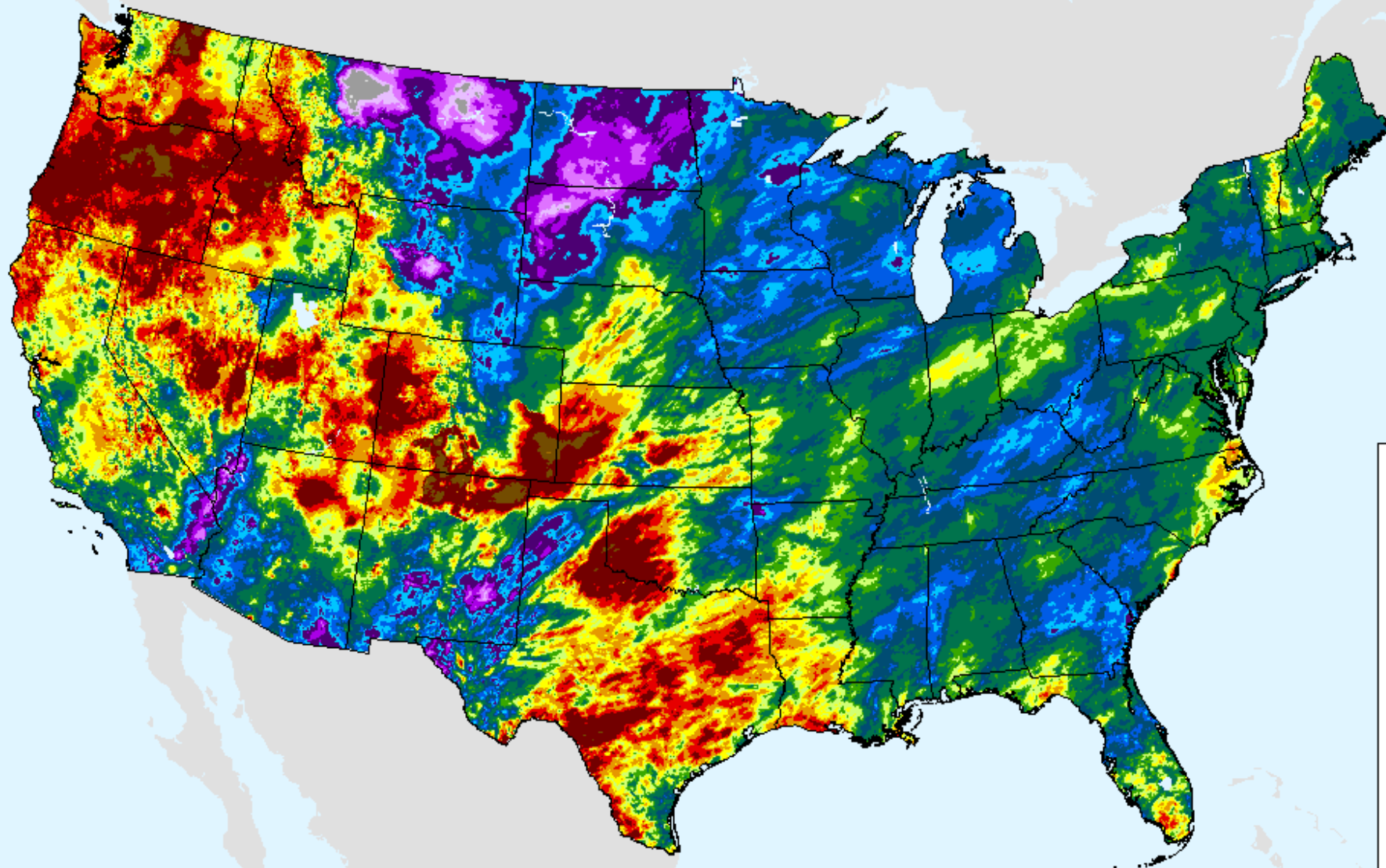
As of: Monday, December 23, 2019



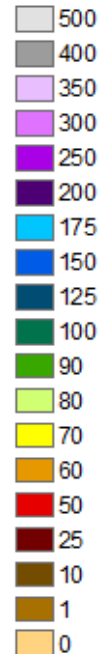
USDM for: Dec. 17, 2019

AHPS 90-Day Pct of Normal Pcp

As of: Monday, December 23, 2019

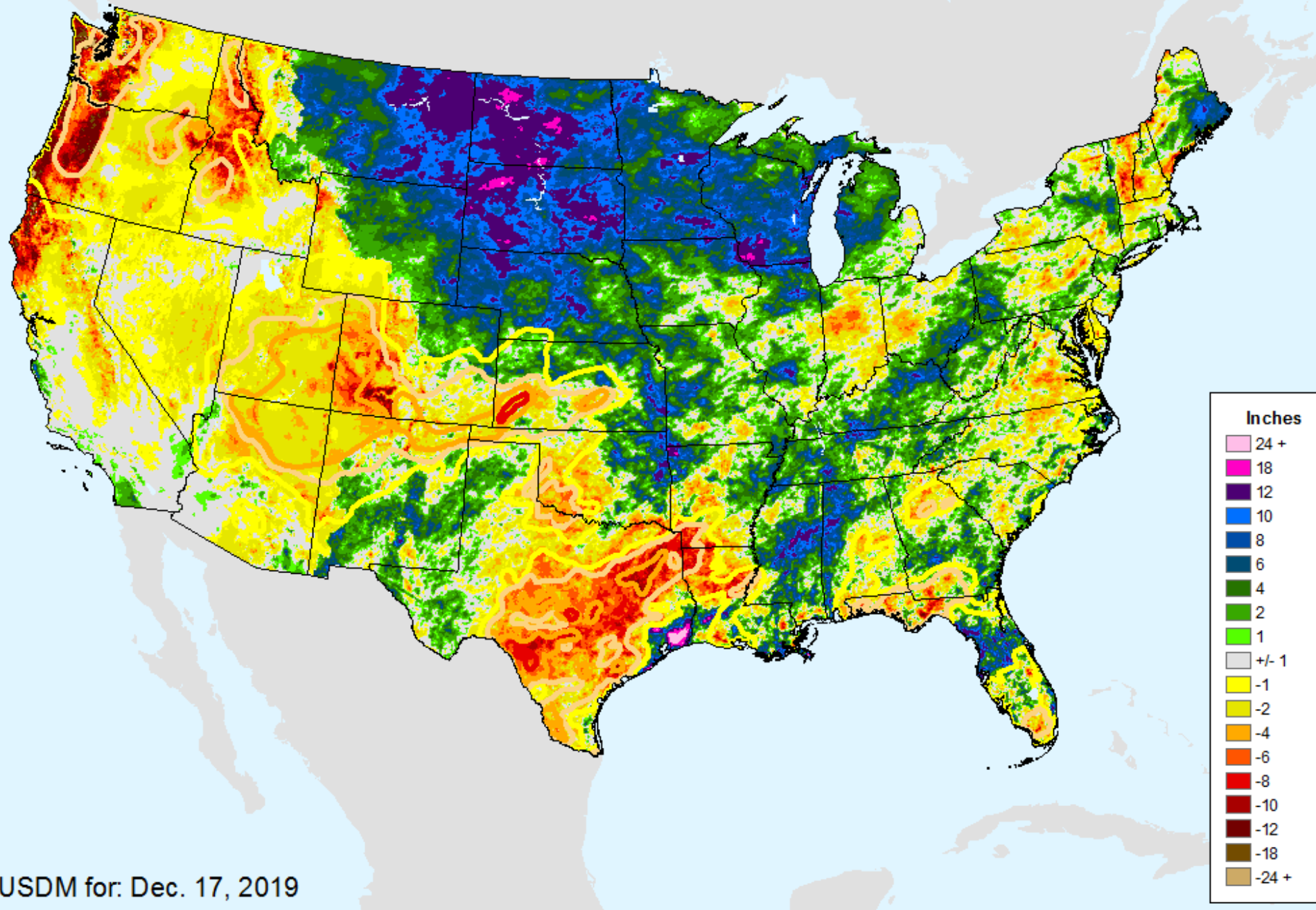


Percent



AHPS 180-Day Precip Departure

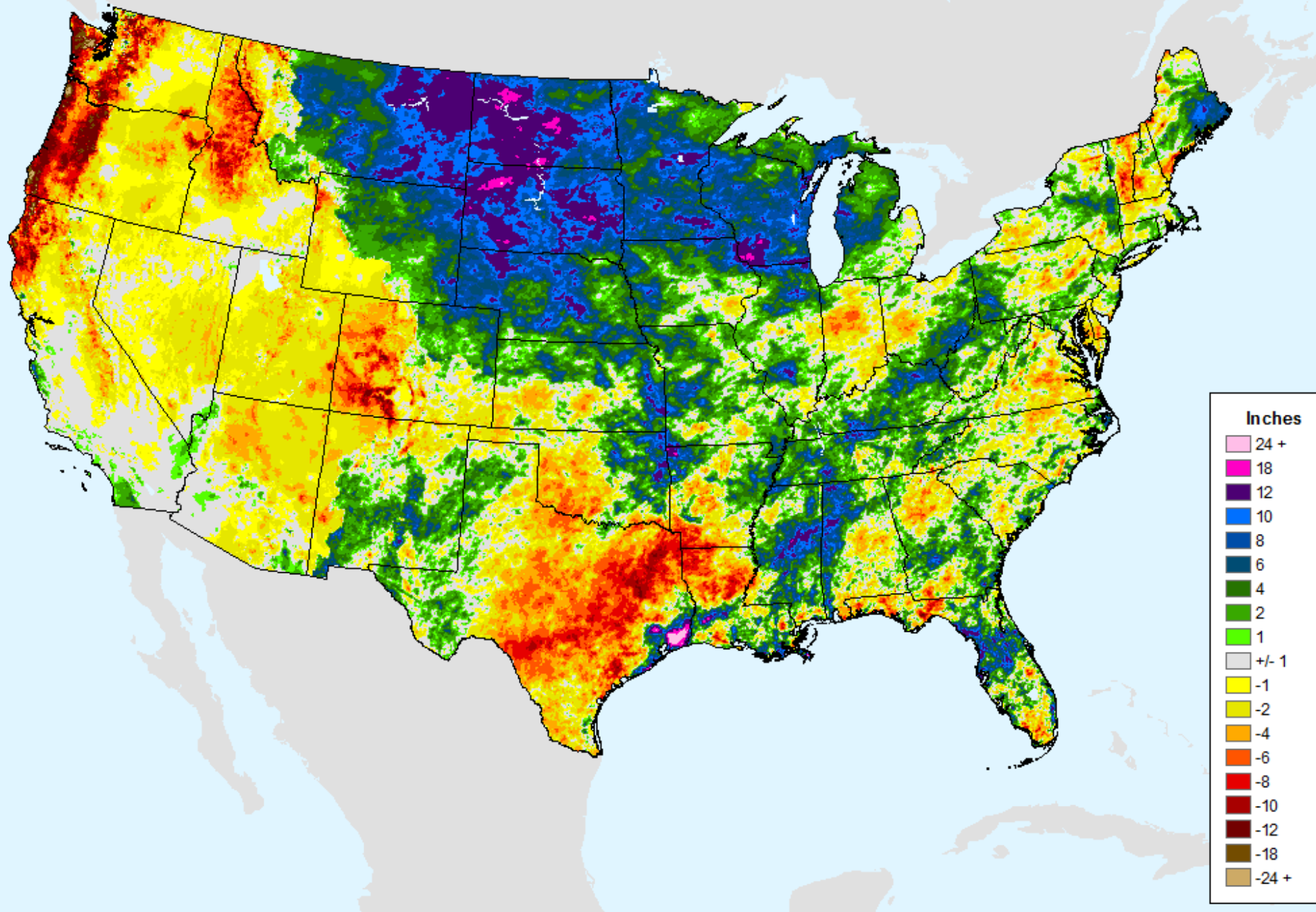
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

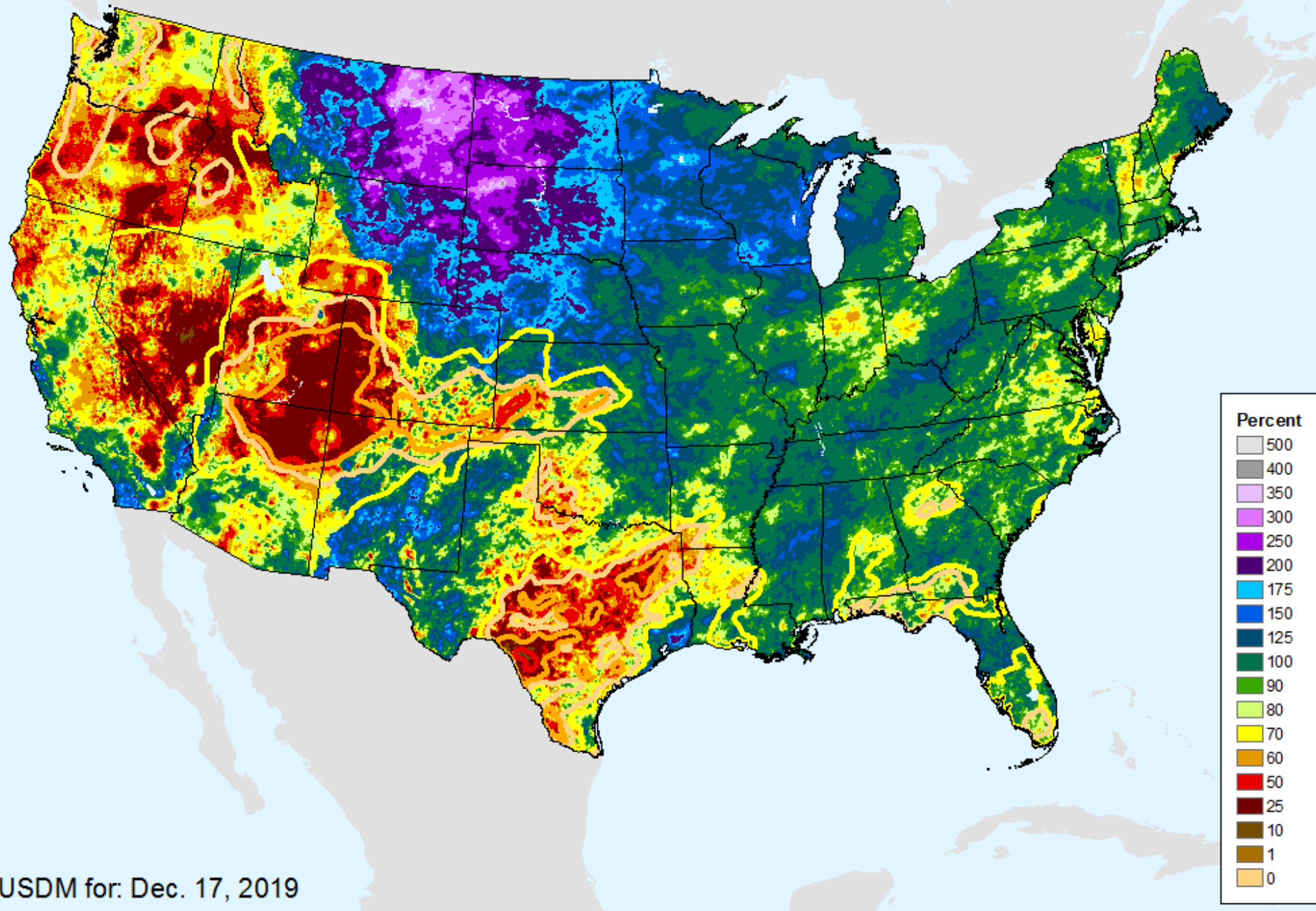
AHPS 180-Day Precip Departure

As of: Monday, December 23, 2019



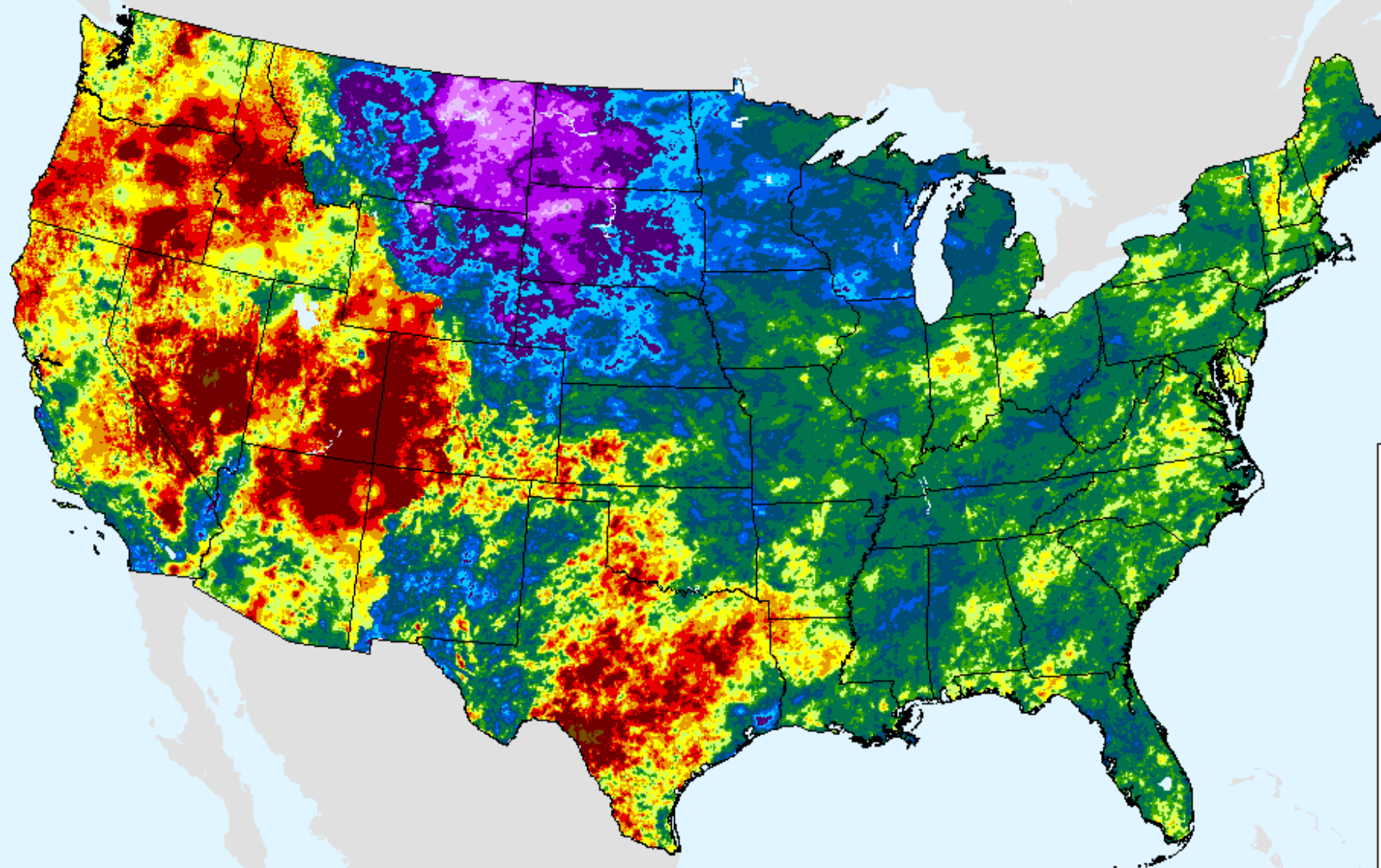
AHPS 180-Day Pct of Normal Pcp

As of: Monday, December 23, 2019

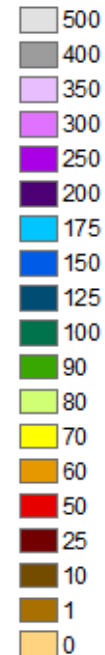


AHPS 180-Day Pct of Normal Pcp

As of: Monday, December 23, 2019

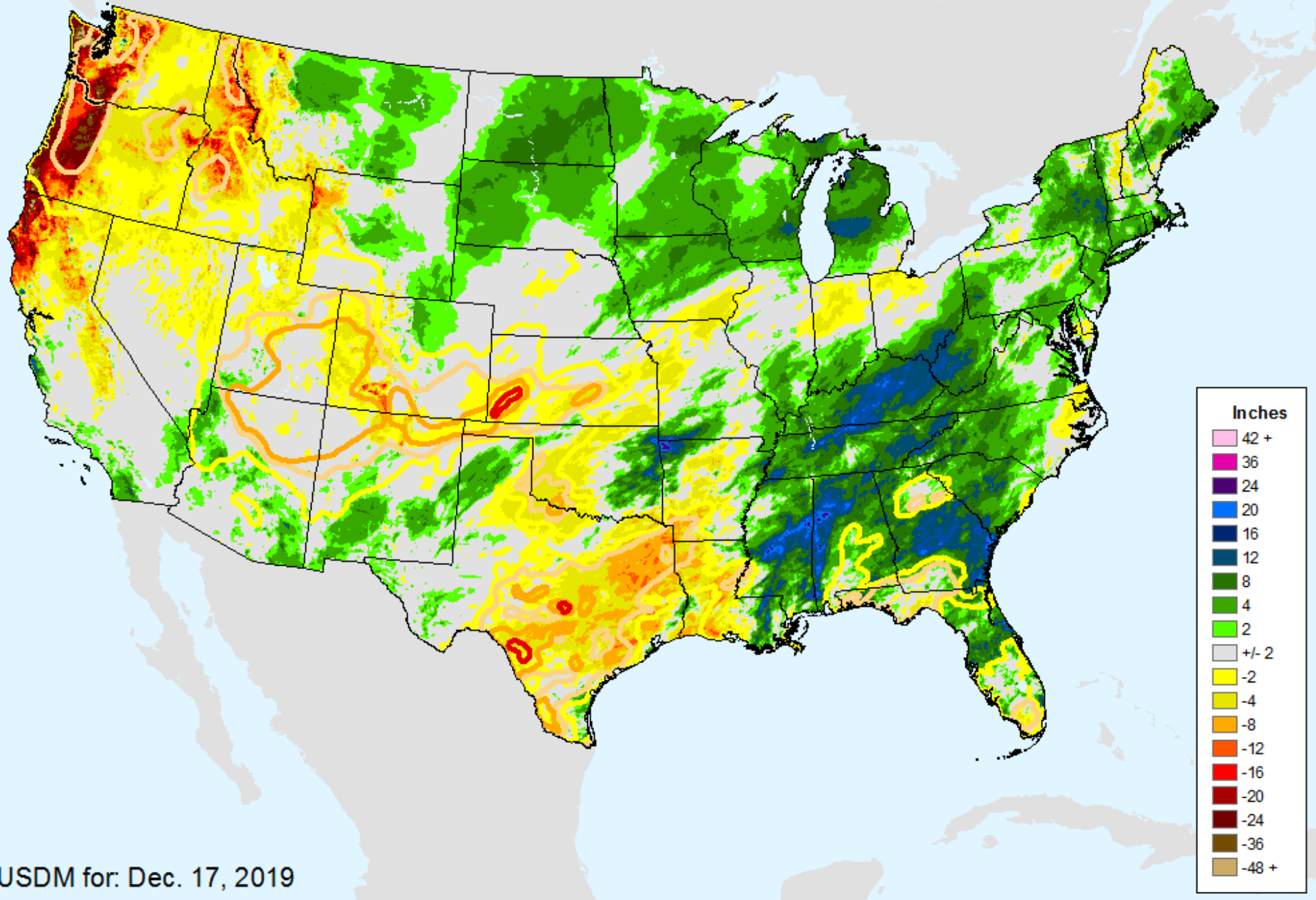


Percent



AHPS Water-Year Precip Departure

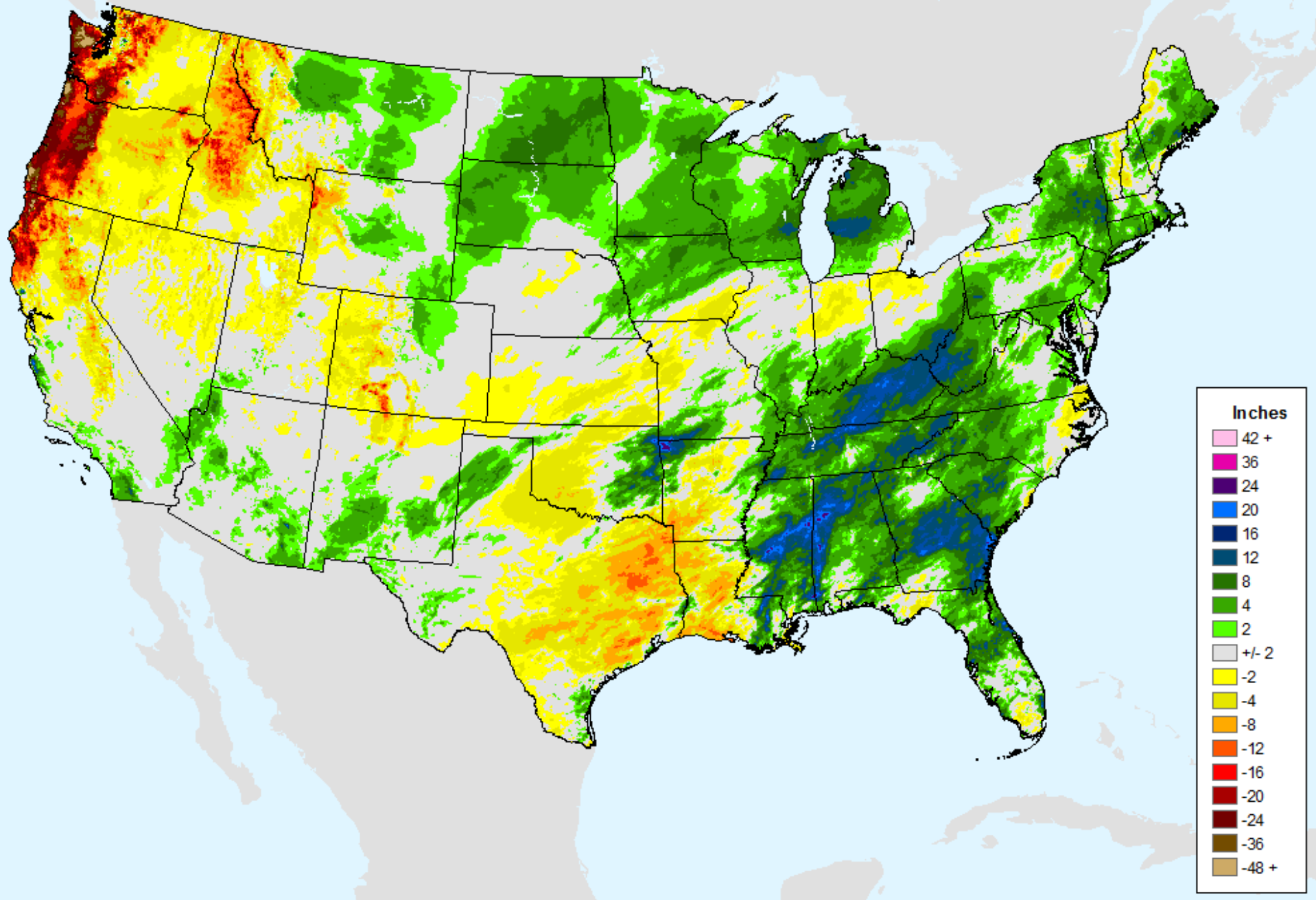
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

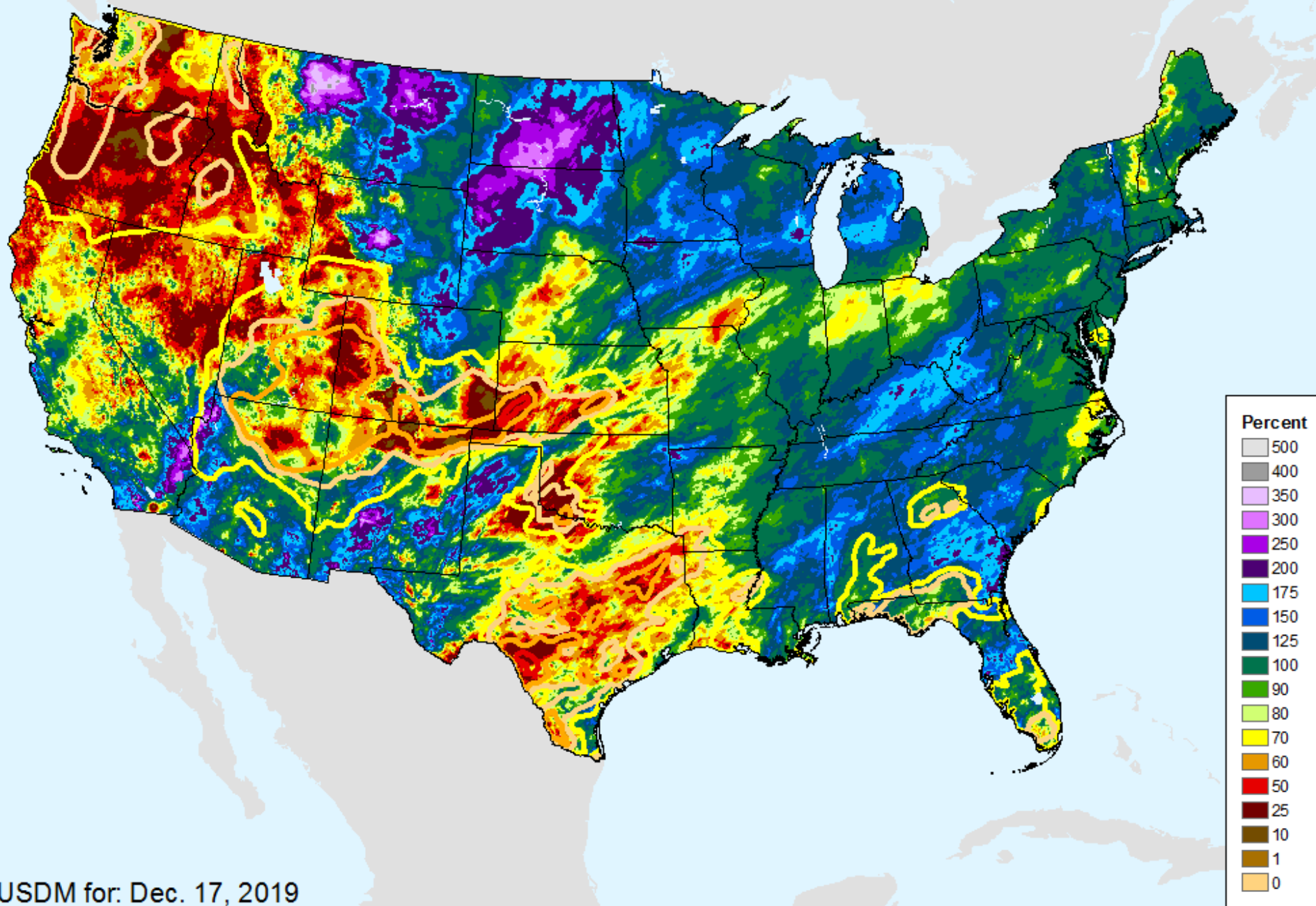
AHPS Water-Year Precip Departure

As of: Monday, December 23, 2019



AHPS Water-Year Pct of Normal Pcp

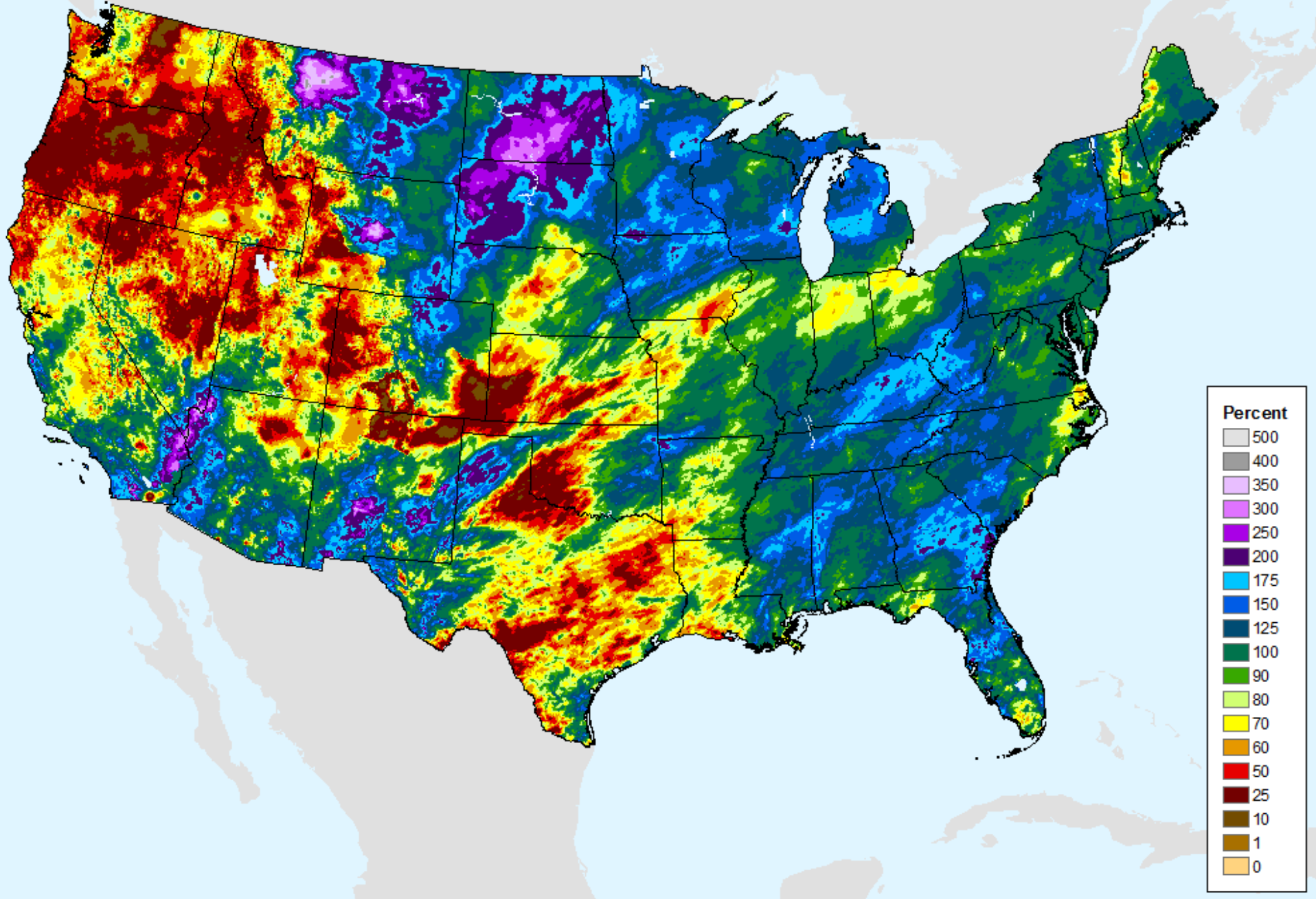
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

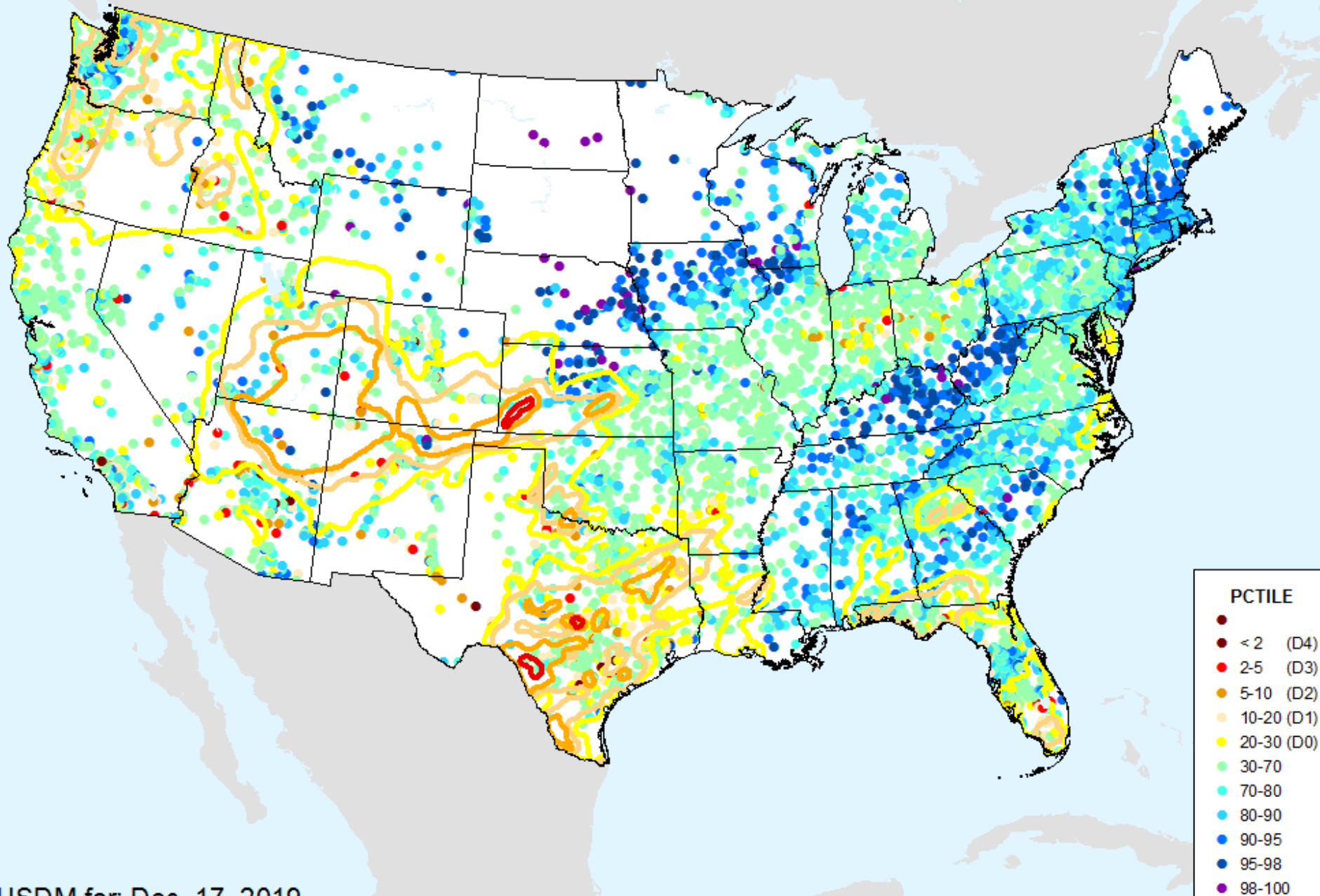
AHPS Water-Year Pct of Normal Pcp

As of: Monday, December 23, 2019



USGS 7-Day Avg Streamflow

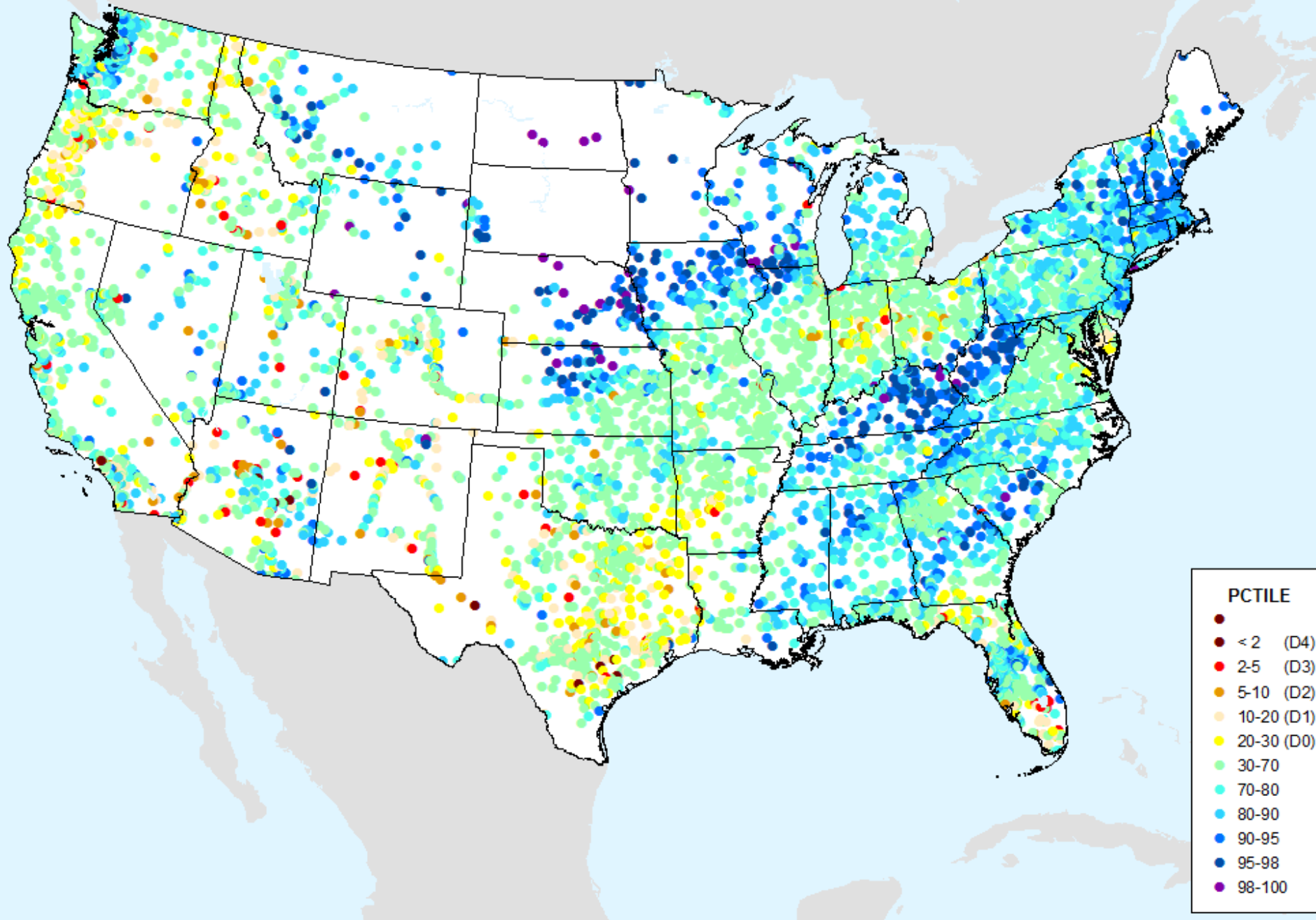
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

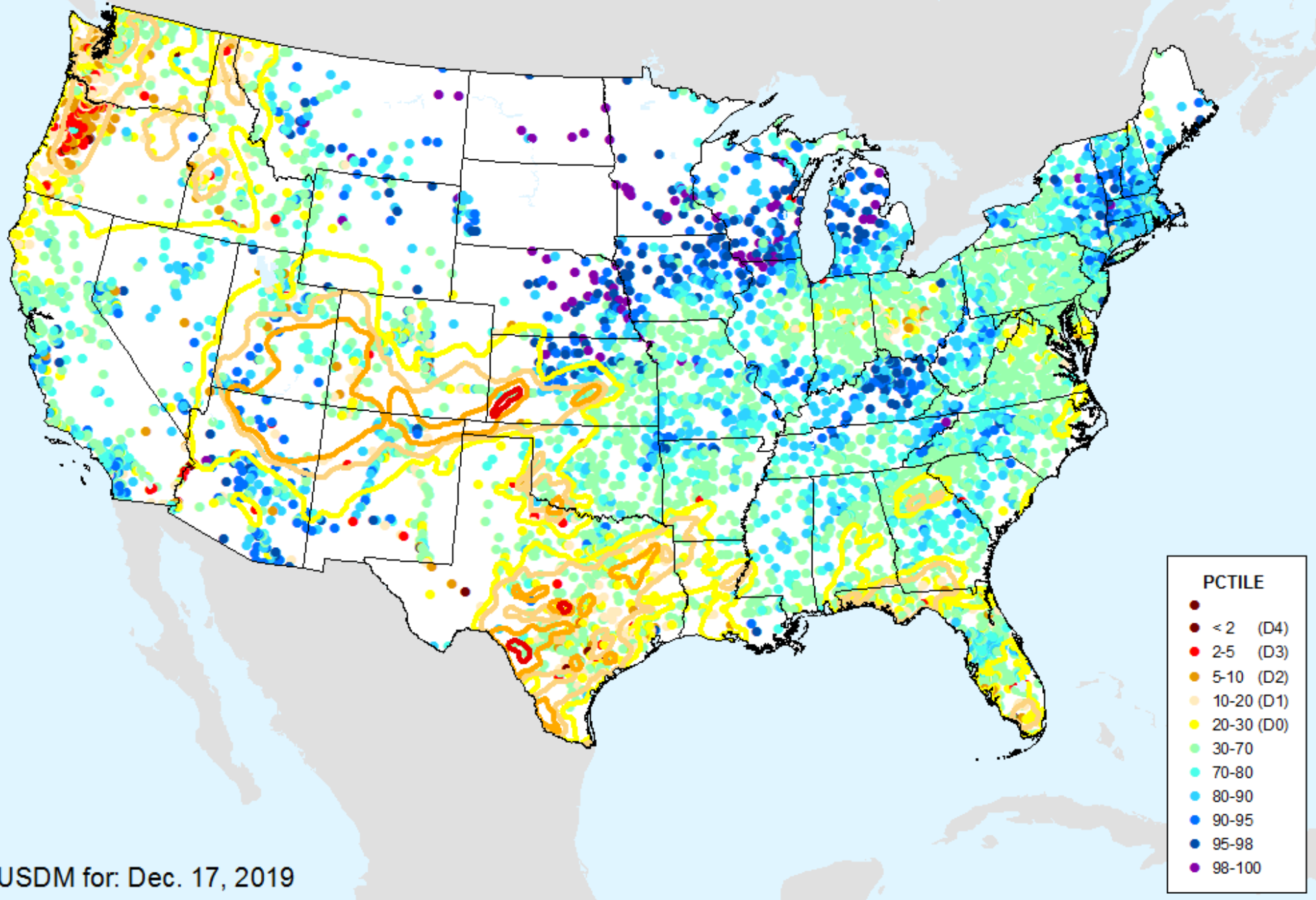
USGS 7-Day Avg Streamflow

As of: Monday, December 23, 2019



USGS 28-Day Avg Streamflow

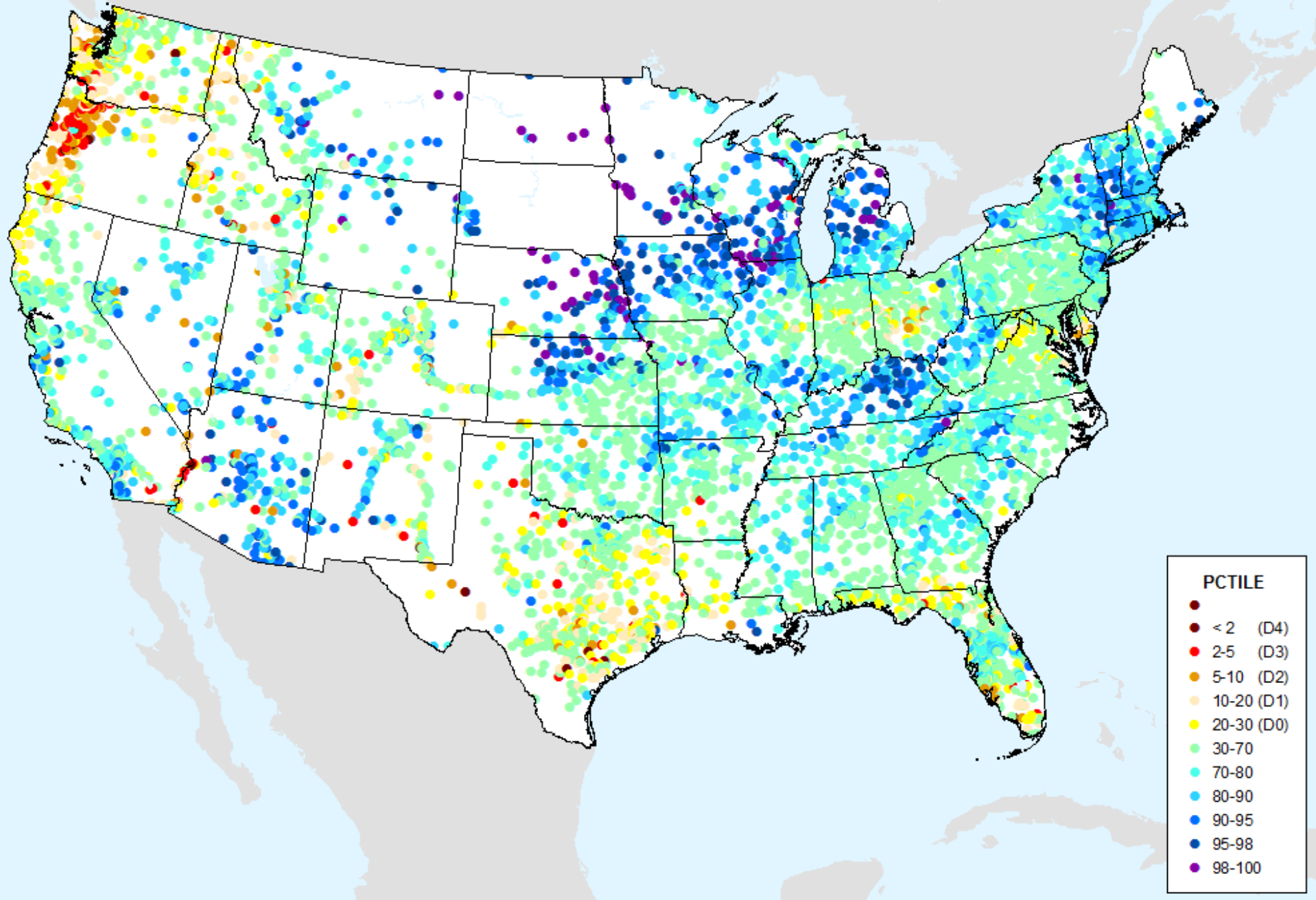
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

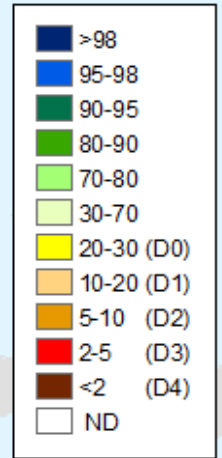
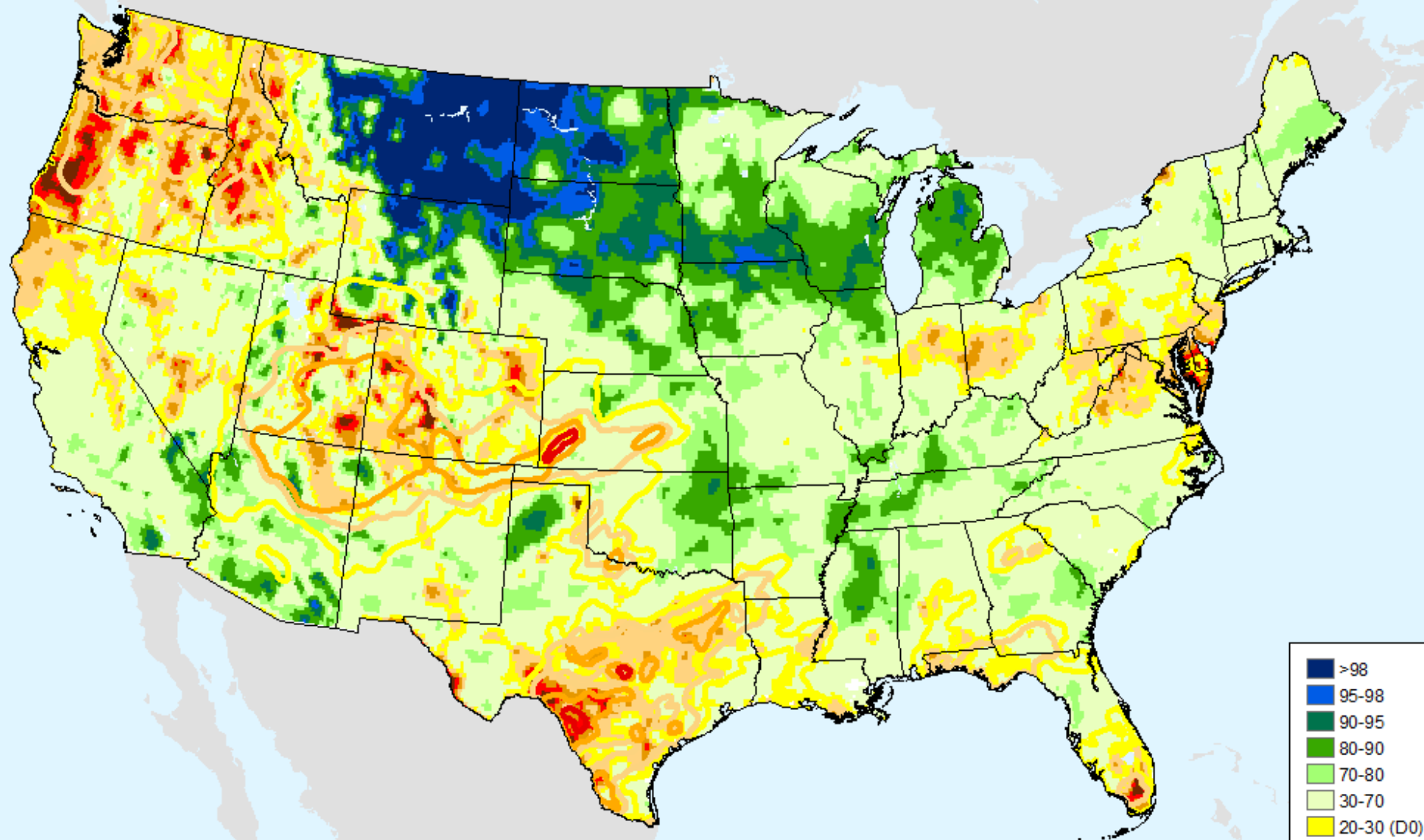
USGS 28-Day Avg Streamflow

As of: Monday, December 23, 2019



NLDAS Top 1m Soil Moisture

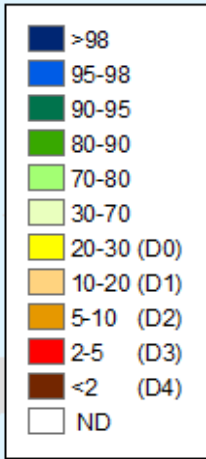
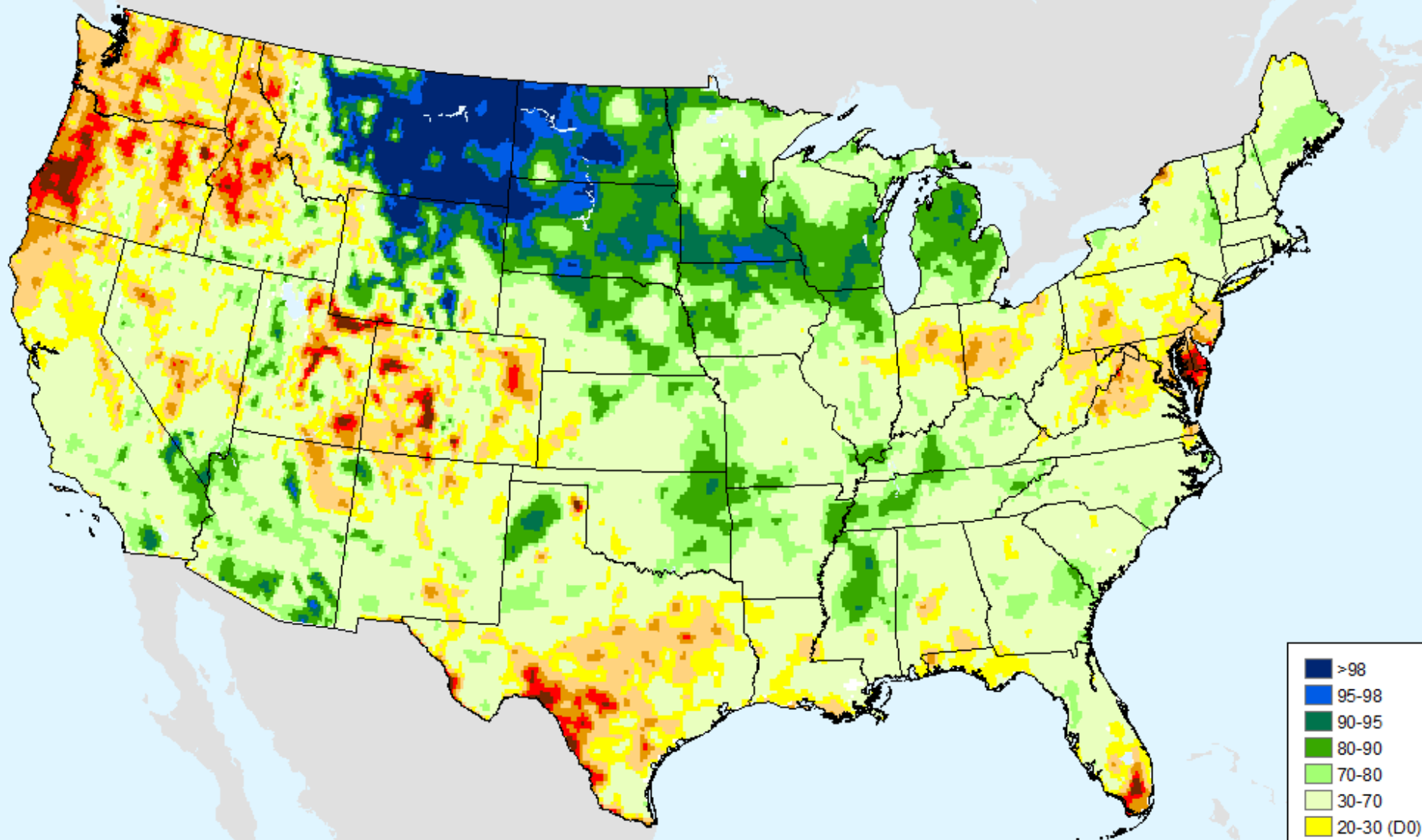
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

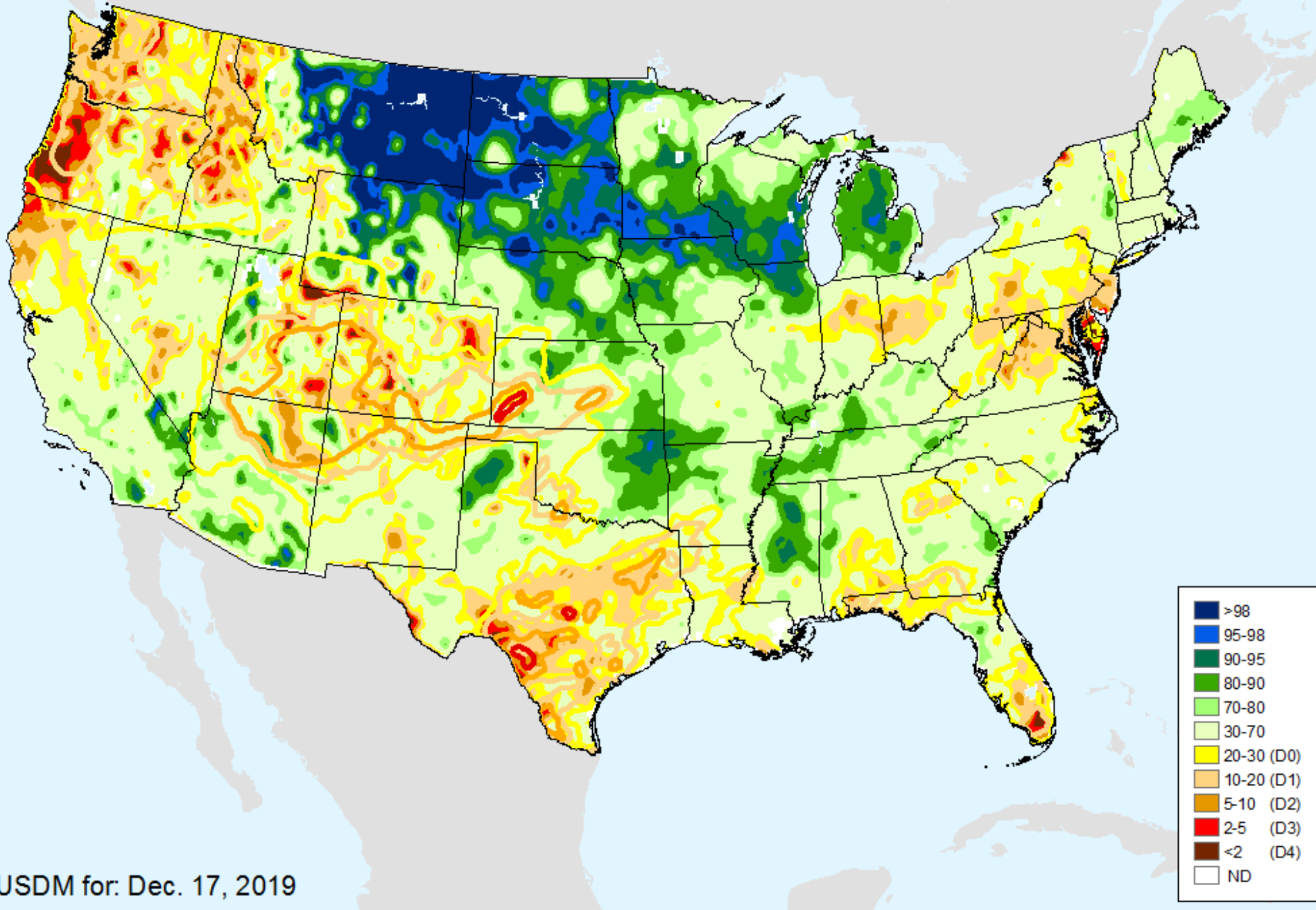
NLDAS Top 1m Soil Moisture

As of: Monday, December 23, 2019



NLDAS Total Column Soil Moisture

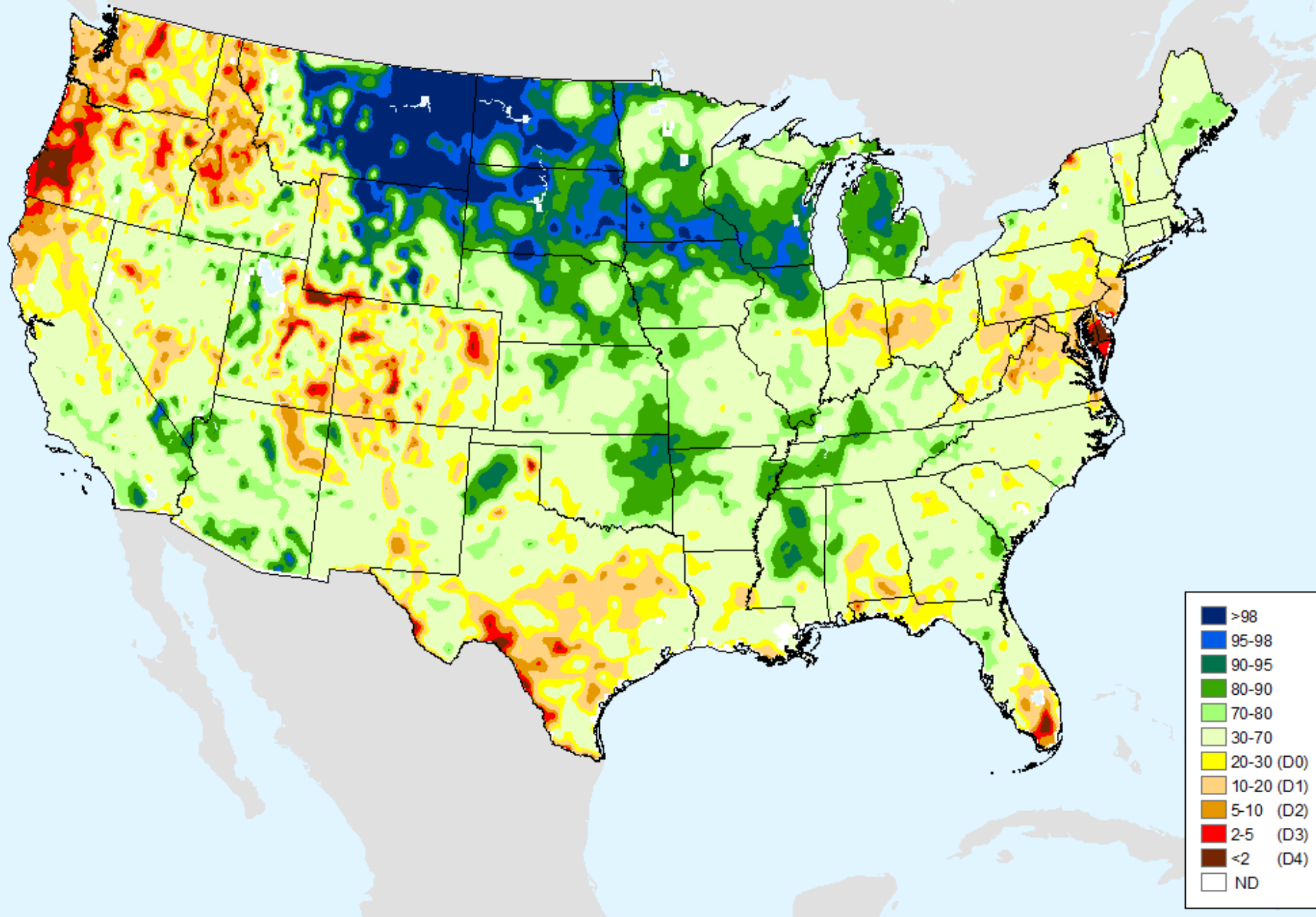
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

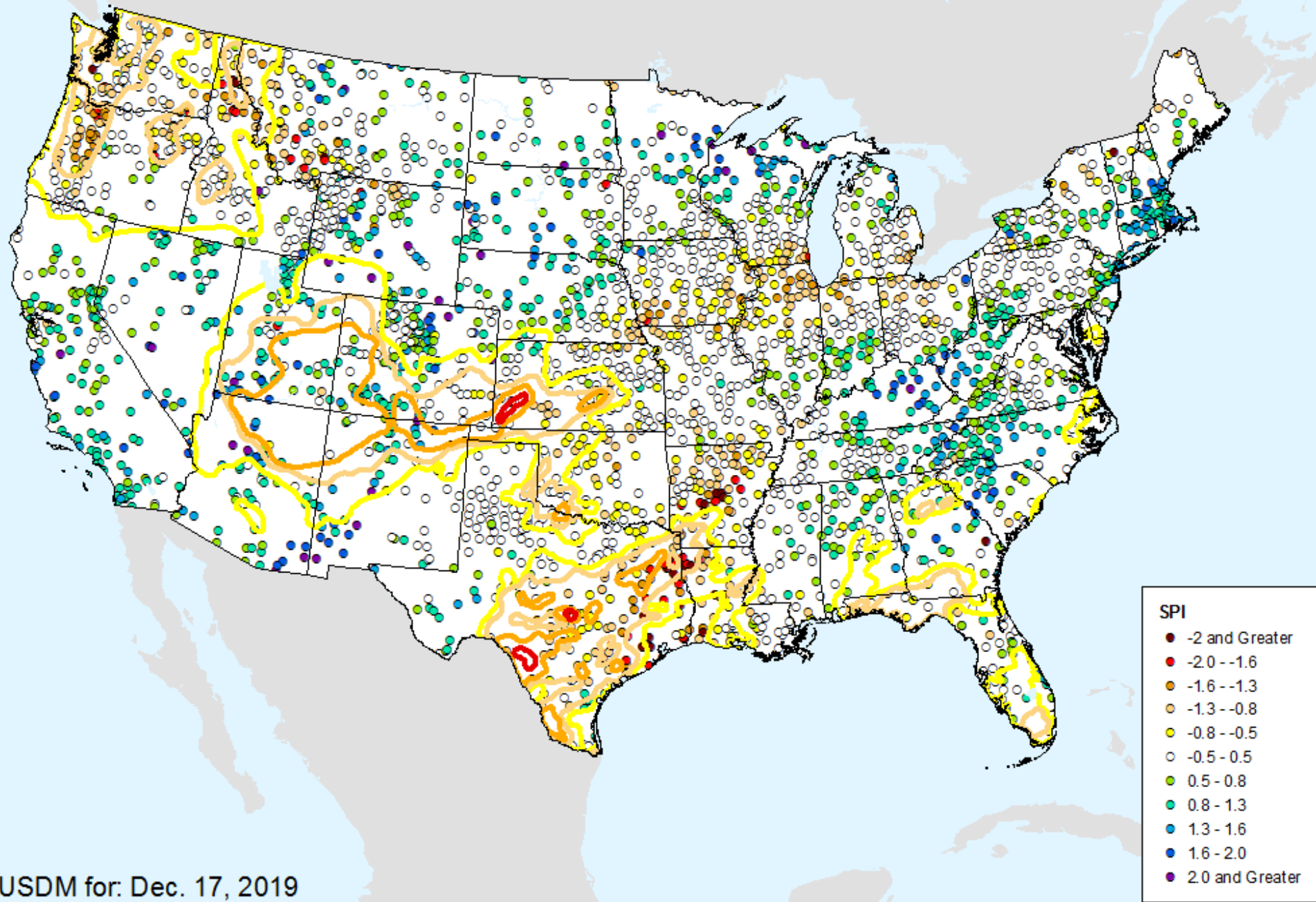
NLDAS Total Column Soil Moisture

As of: Monday, December 23, 2019



HPRCC 1-month SPI

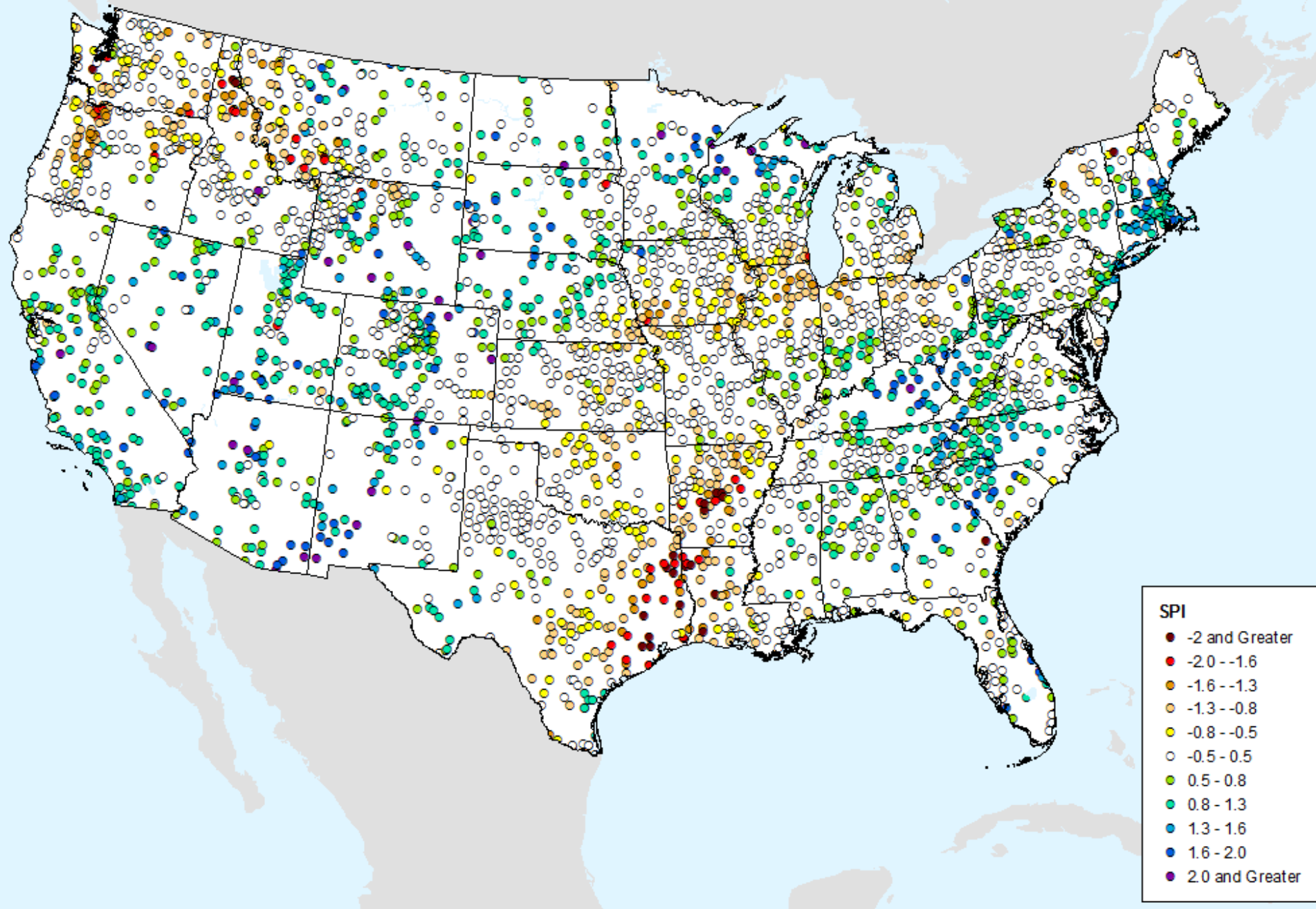
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

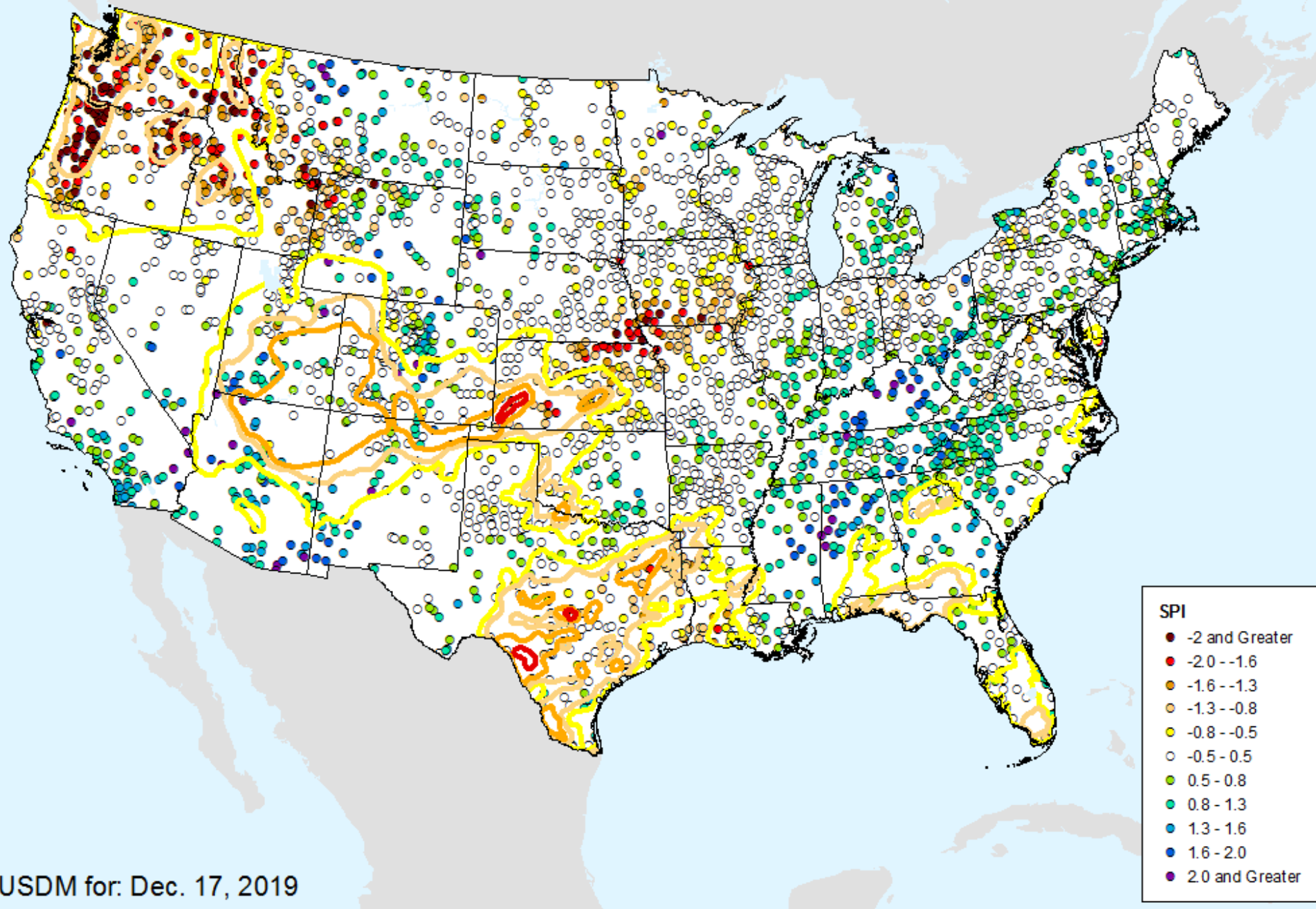
HPRCC 1-month SPI

As of: Monday, December 23, 2019



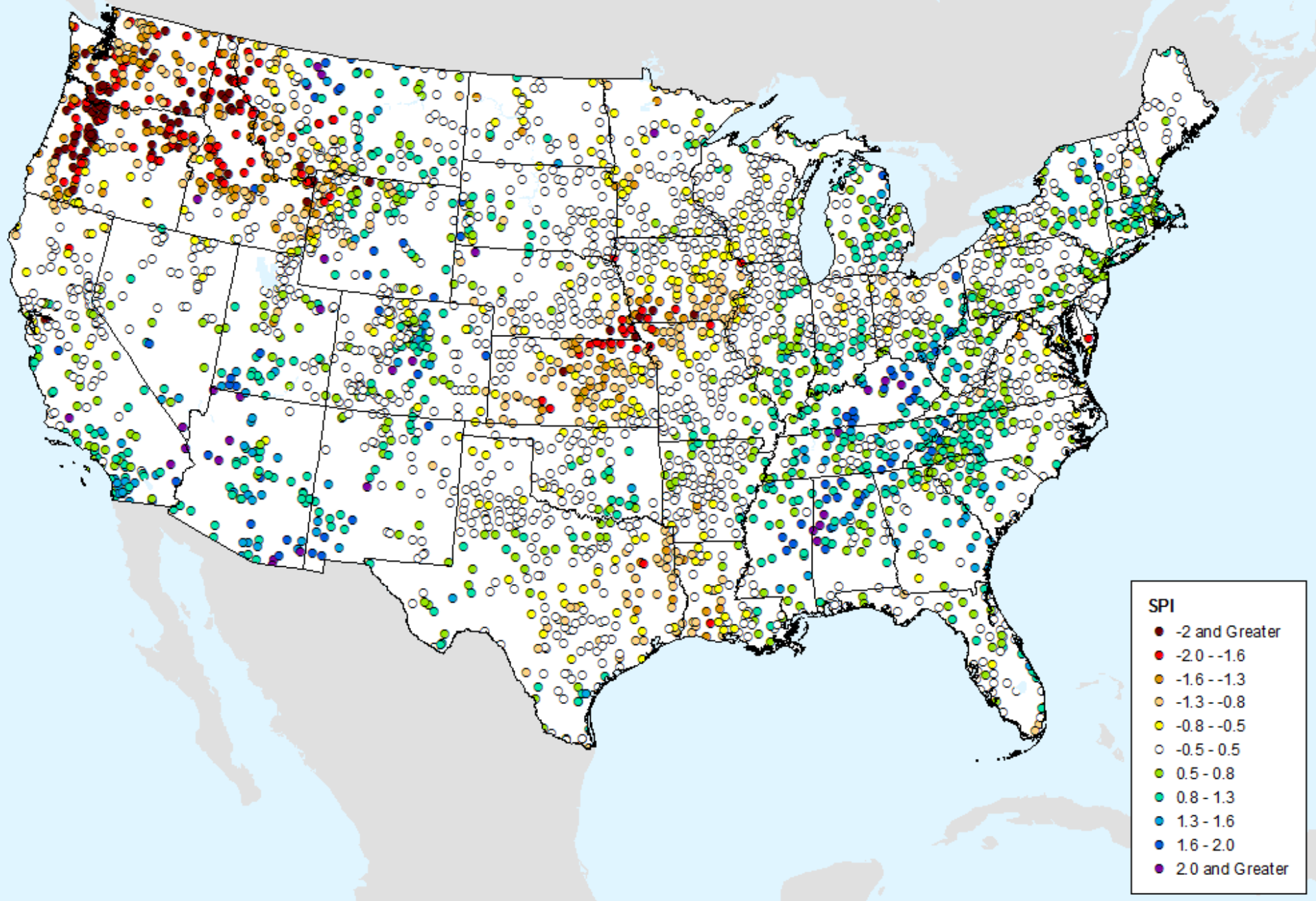
HPRCC 2-month SPI

As of: Monday, December 23, 2019



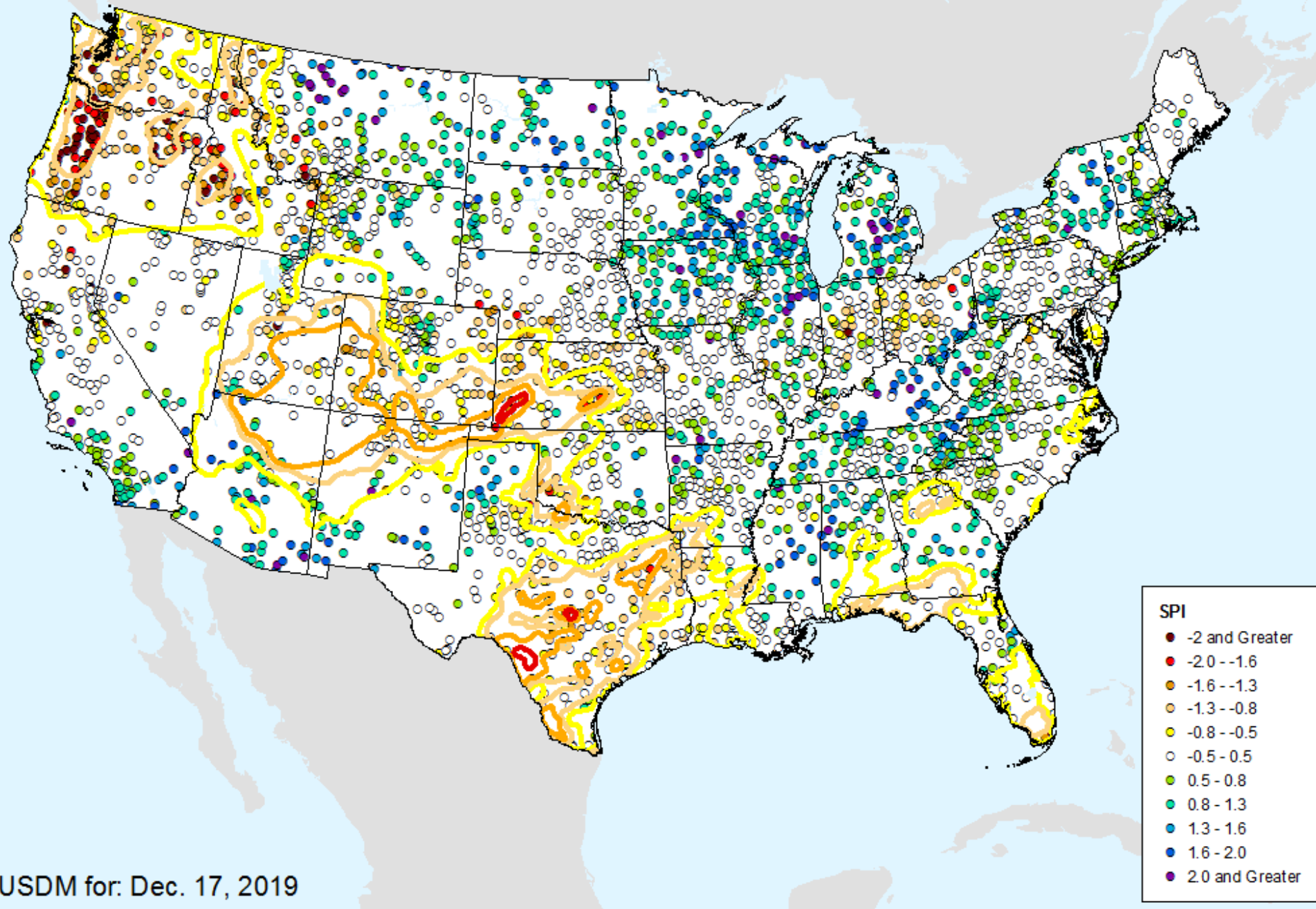
HPRCC 2-month SPI

As of: Monday, December 23, 2019



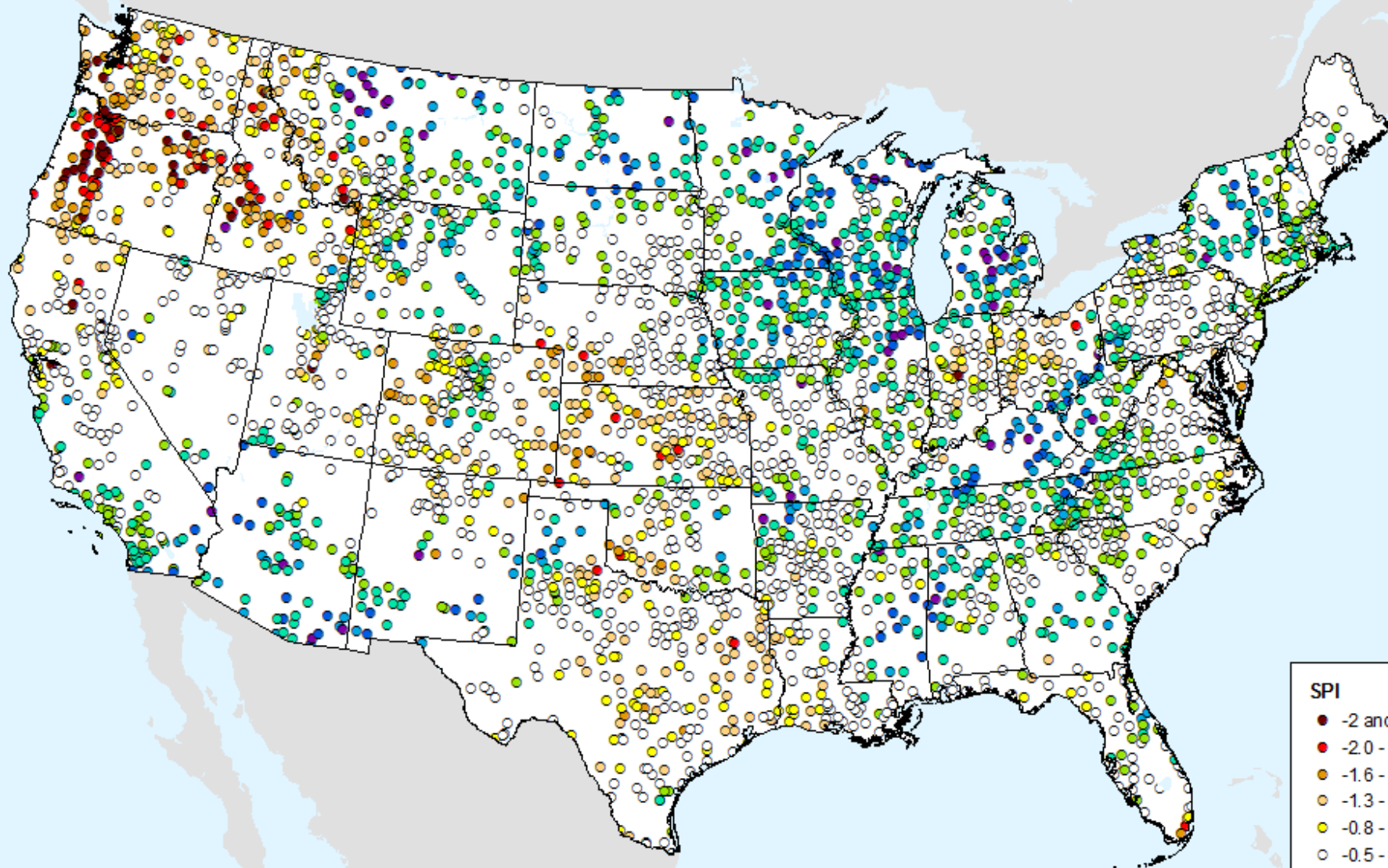
HPRCC 3-month SPI

As of: Monday, December 23, 2019



HPRCC 3-month SPI

As of: Monday, December 23, 2019

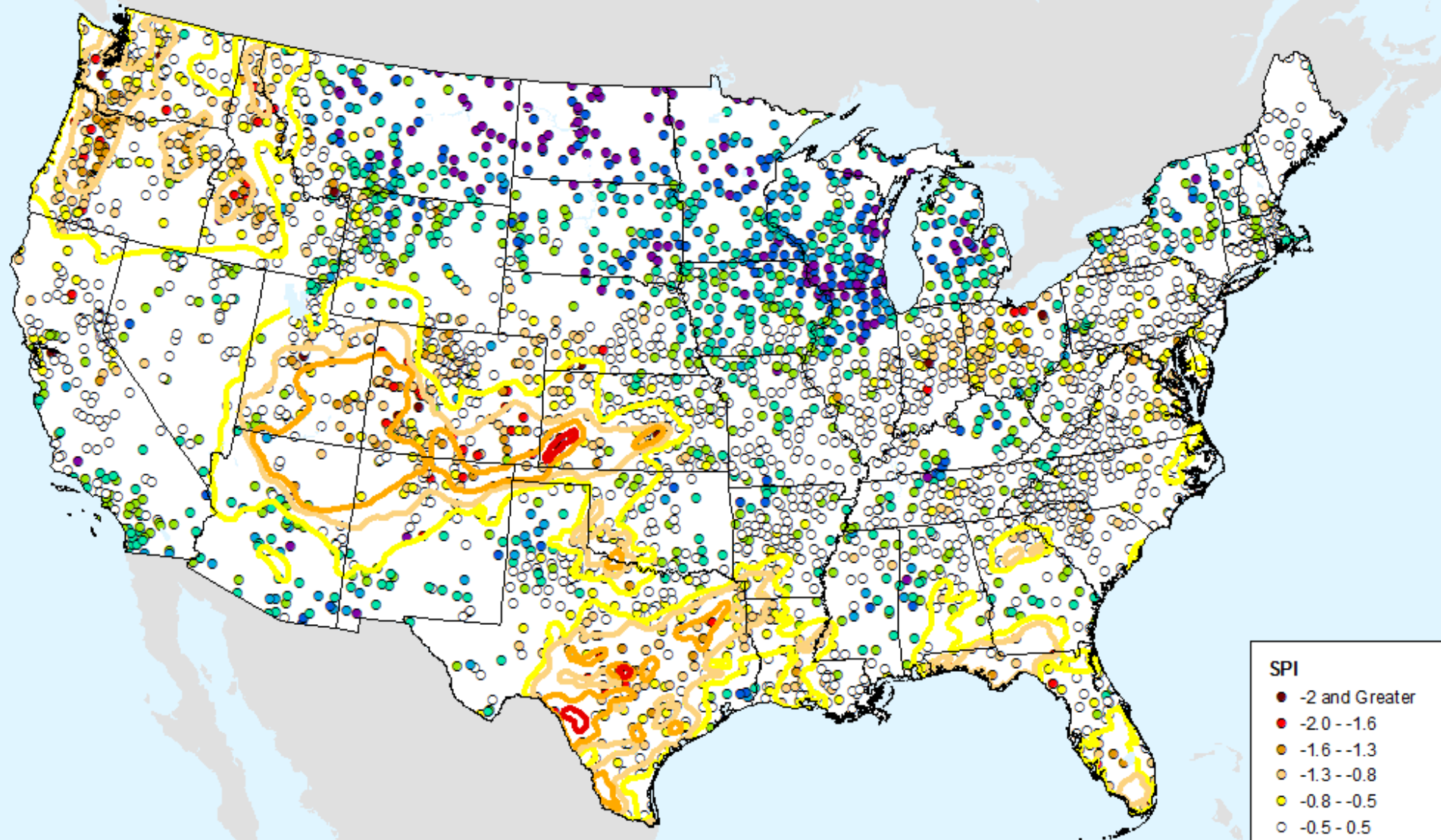


SPI

- -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 4-month SPI

As of: Monday, December 23, 2019

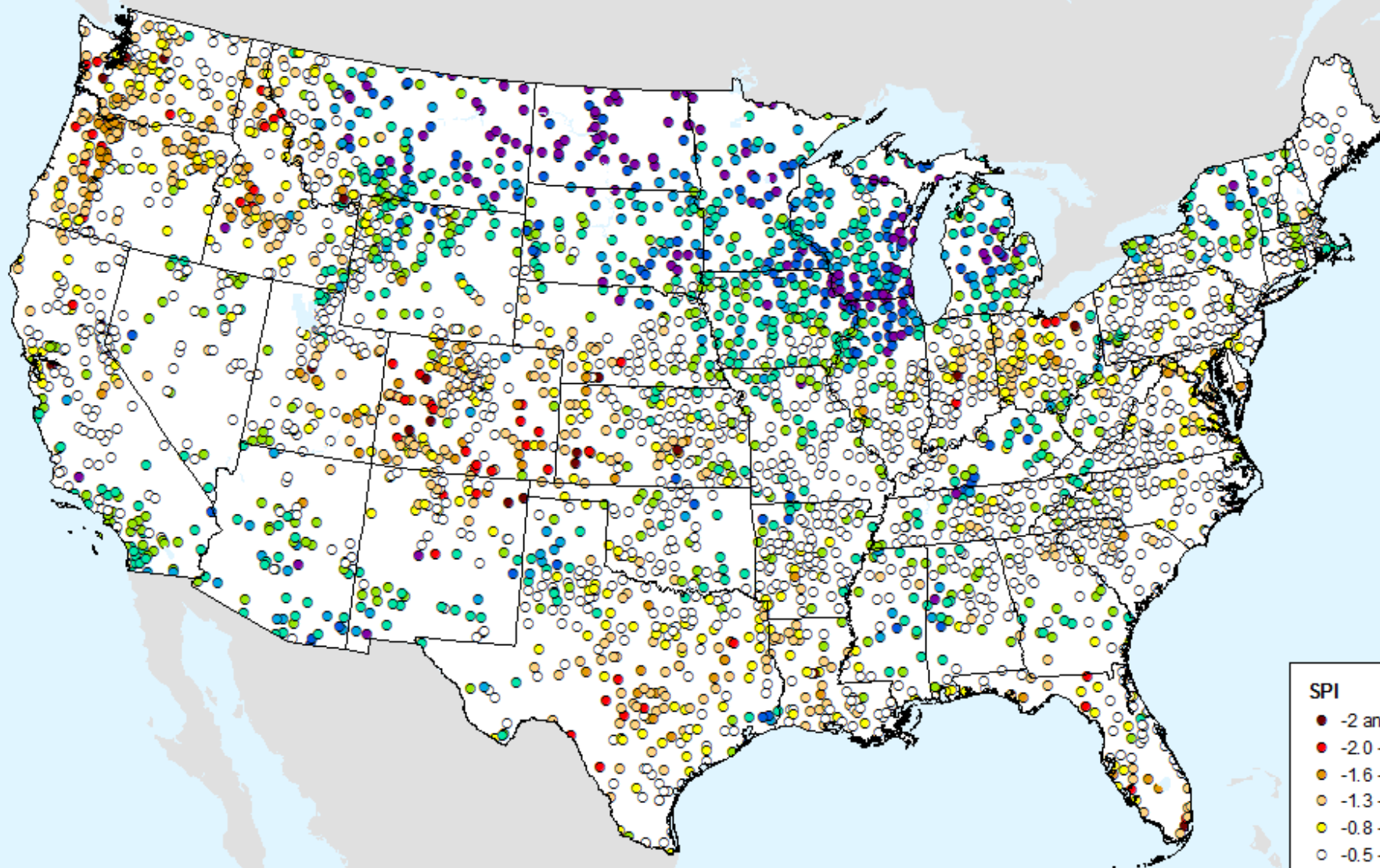


- SPI**
- -2 and Greater
 - -2.0 -- -1.6
 - -1.6 -- -1.3
 - -1.3 -- -0.8
 - -0.8 -- -0.5
 - -0.5 - 0.5
 - 0.5 - 0.8
 - 0.8 - 1.3
 - 1.3 - 1.6
 - 1.6 - 2.0
 - 2.0 and Greater

USDM for: Dec. 17, 2019

HPRCC 4-month SPI

As of: Monday, December 23, 2019

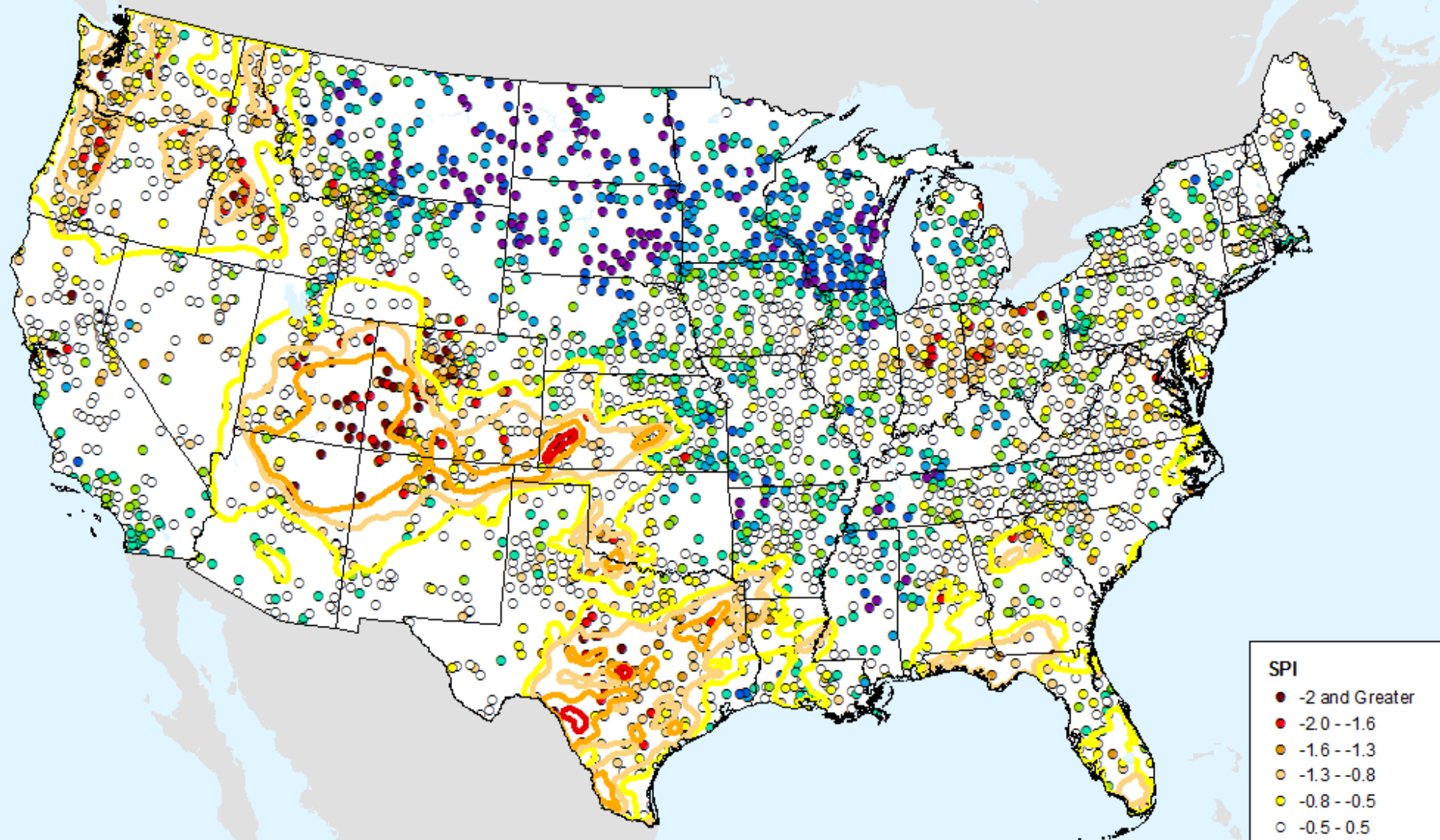


SPI

- -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 6-month SPI

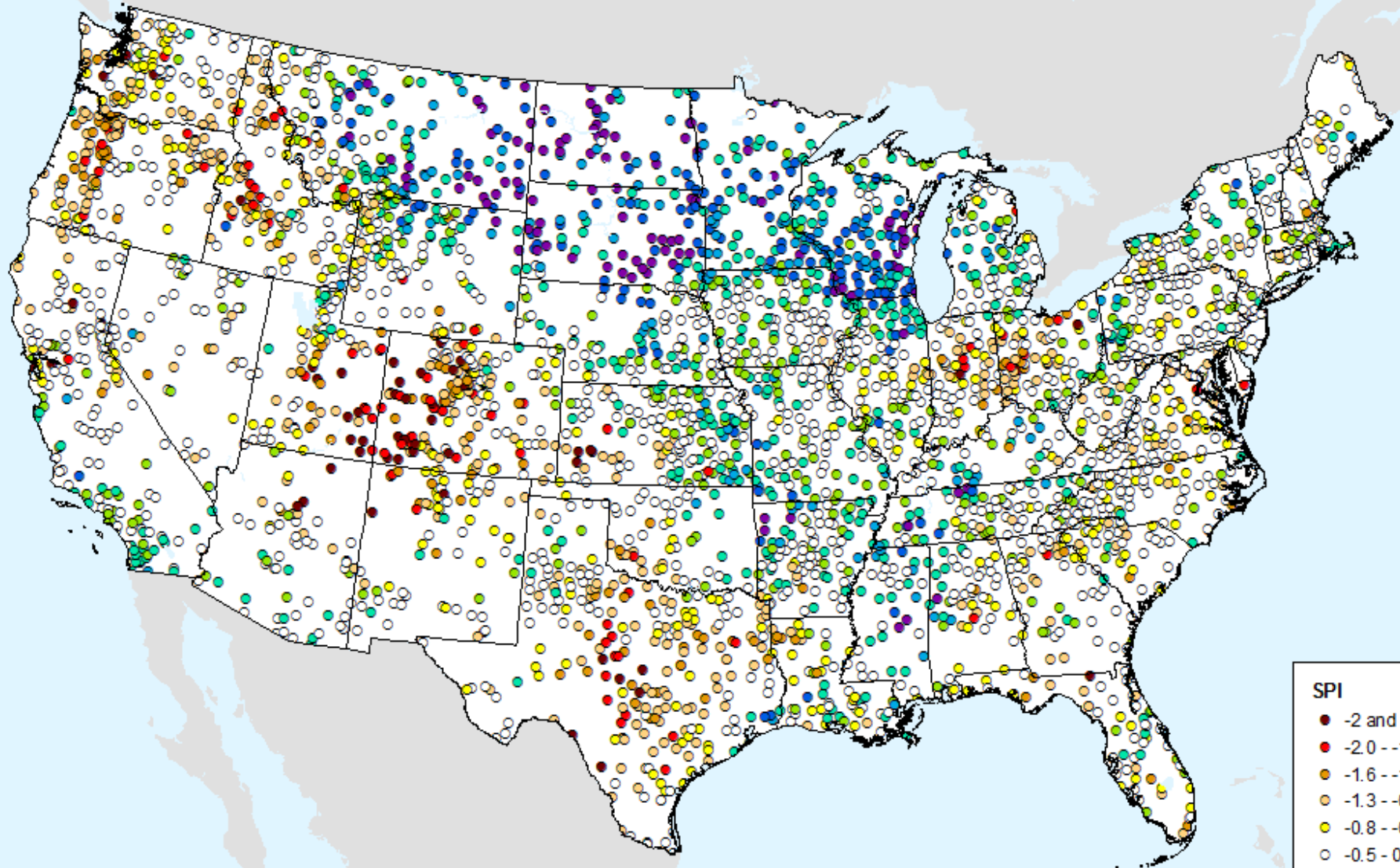
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

HPRCC 6-month SPI

As of: Monday, December 23, 2019

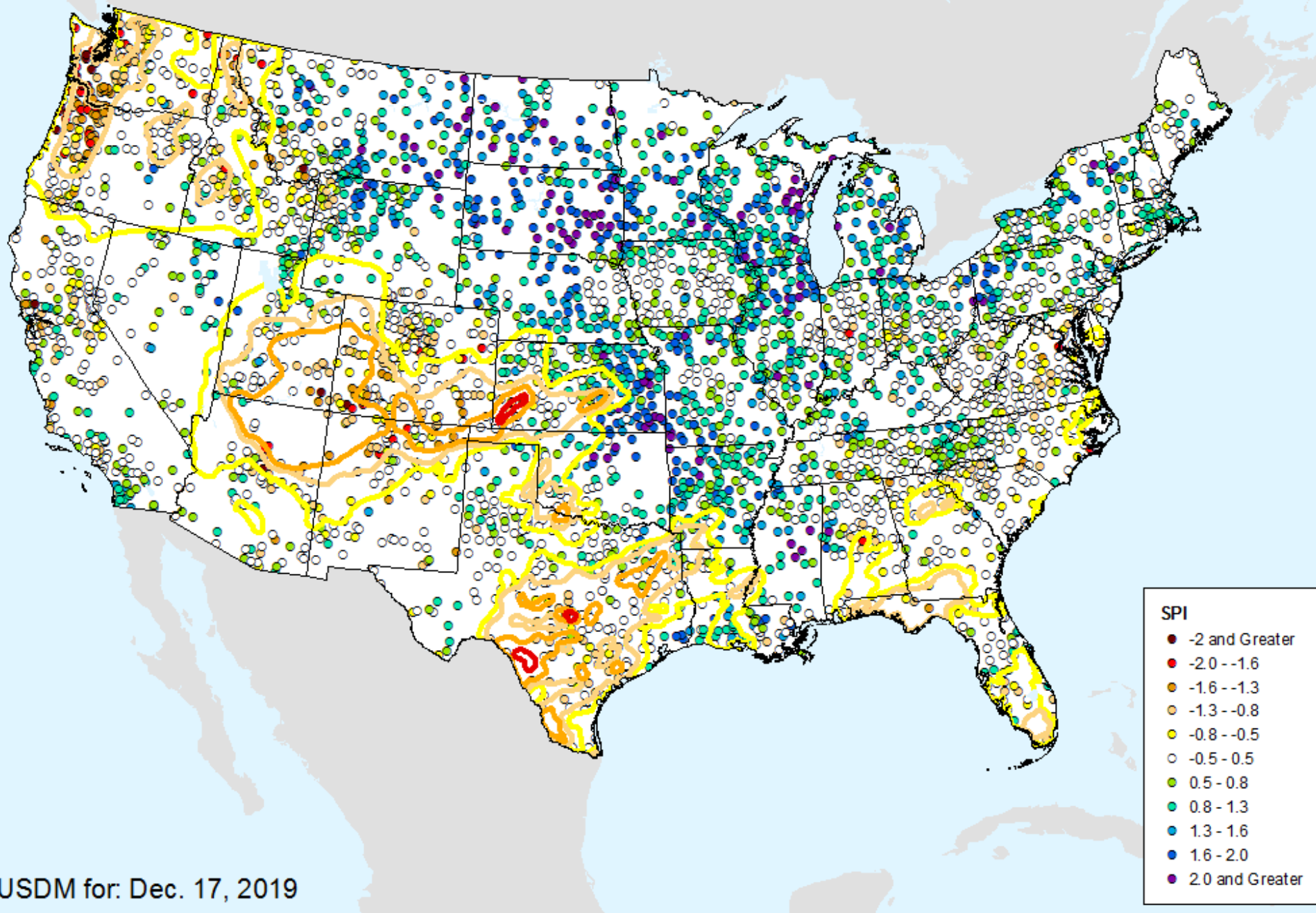


SPI

- -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

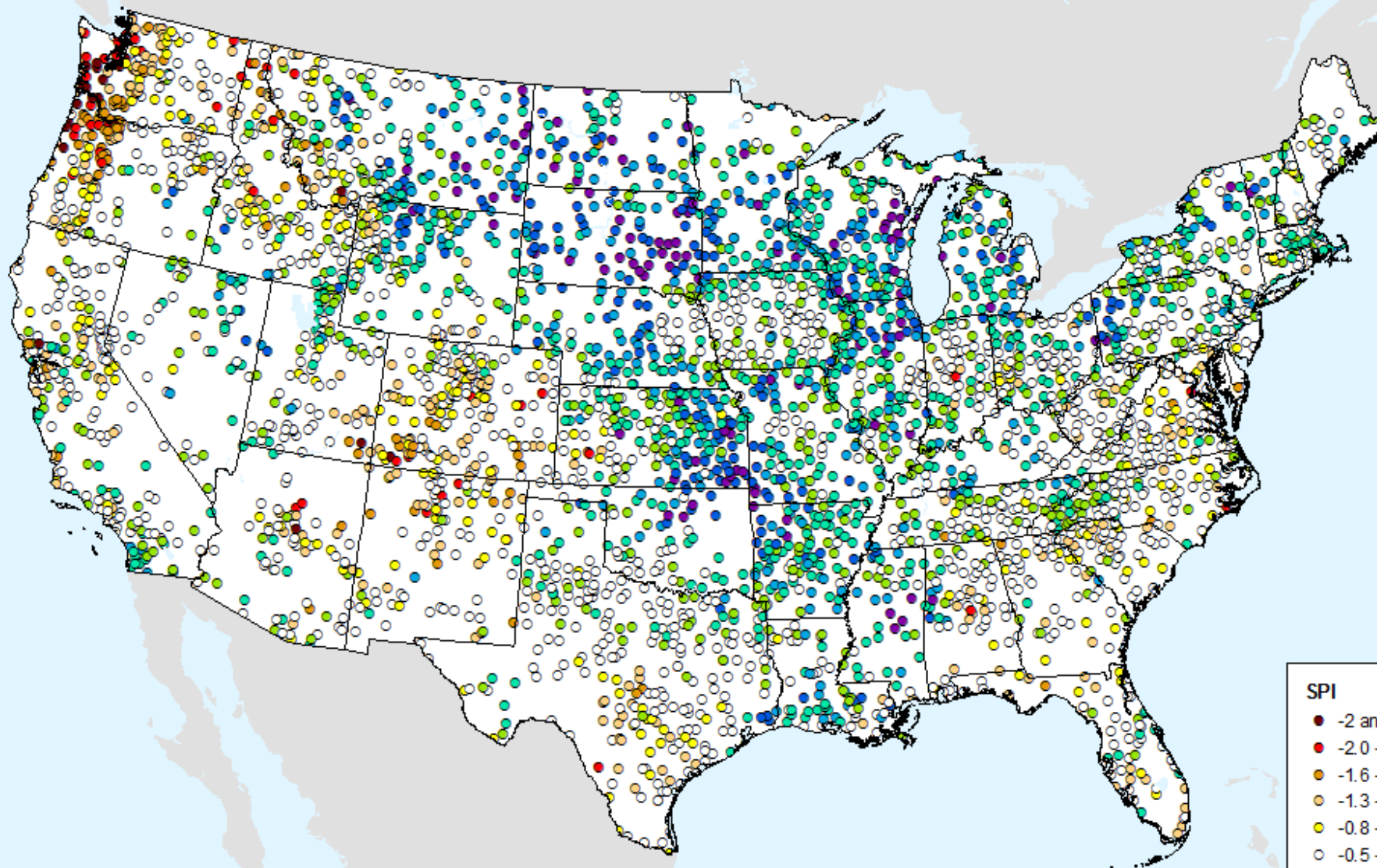
HPRCC 9-month SPI

As of: Monday, December 23, 2019



HPRCC 9-month SPI

As of: Monday, December 23, 2019

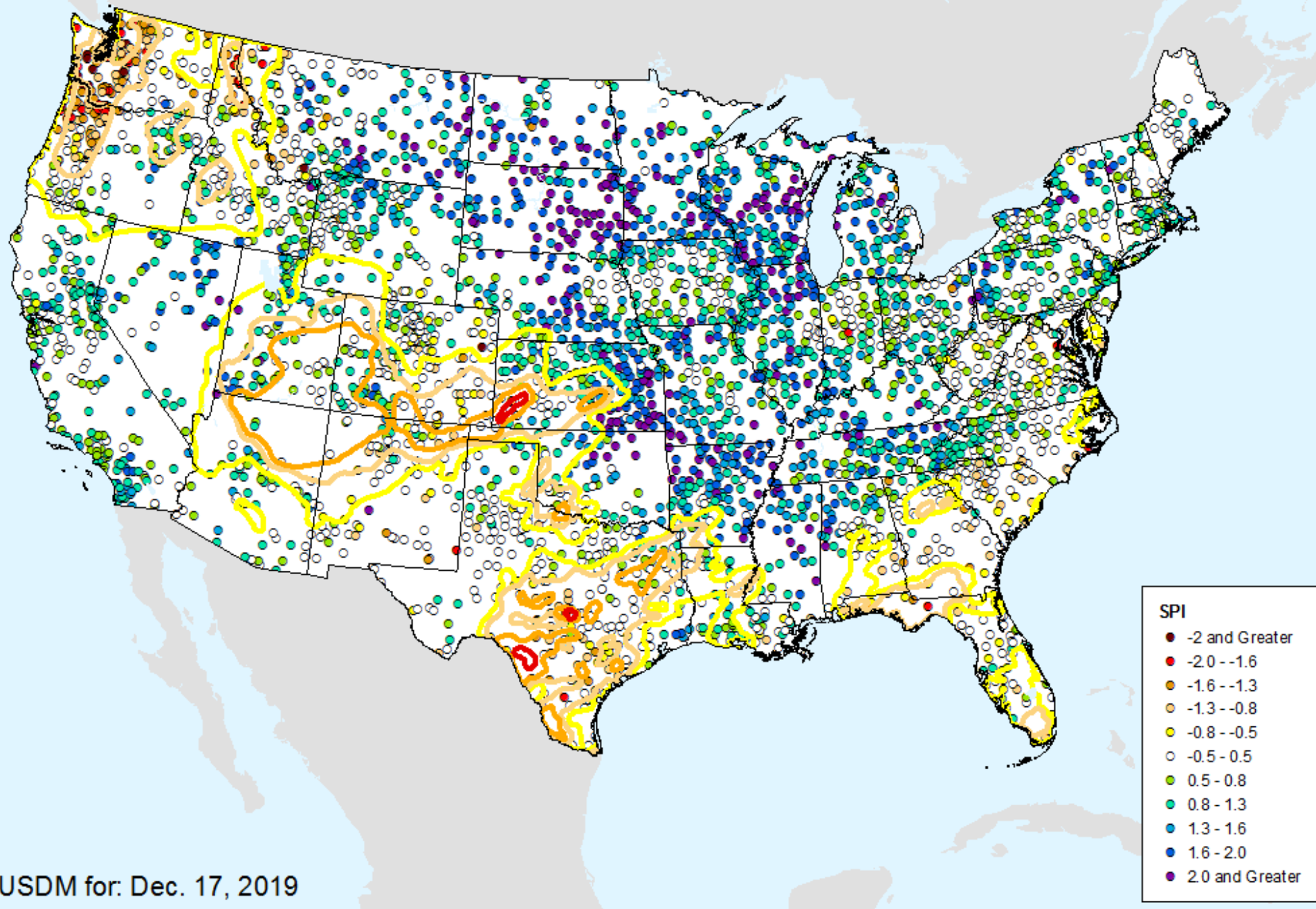


SPI

- -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 12-month SPI

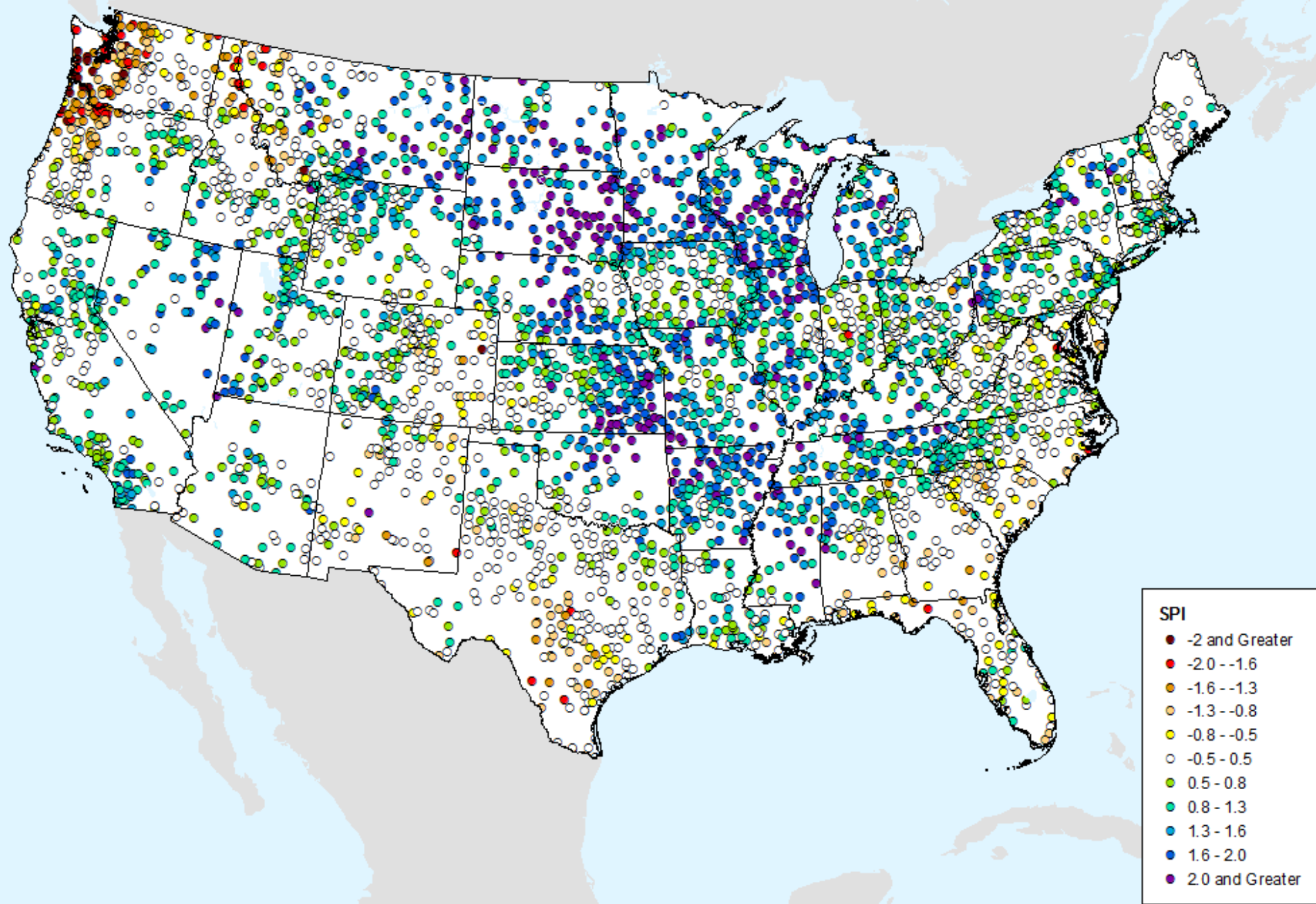
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

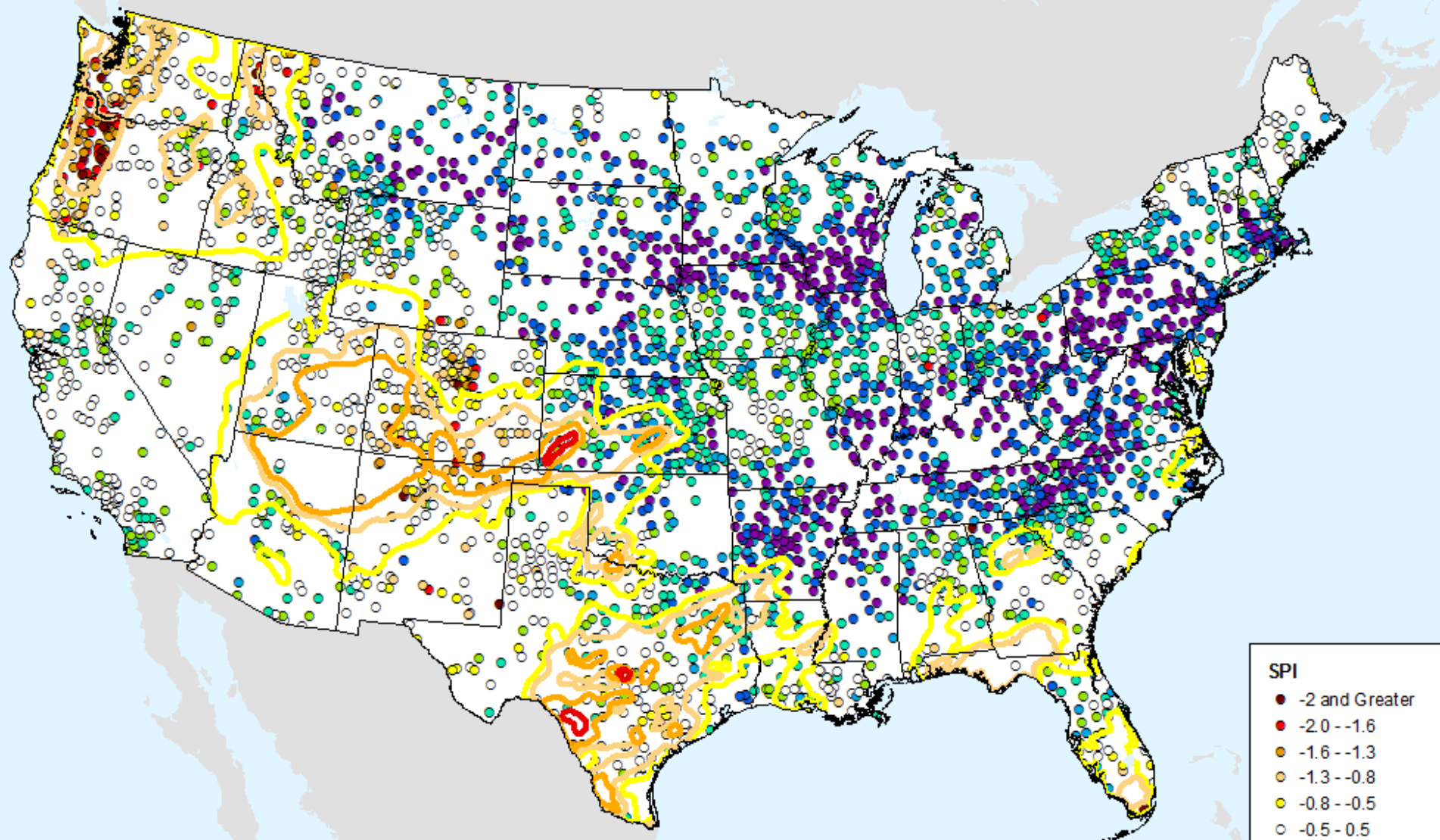
HPRCC 12-month SPI

As of: Monday, December 23, 2019



HPRCC 24-month SPI

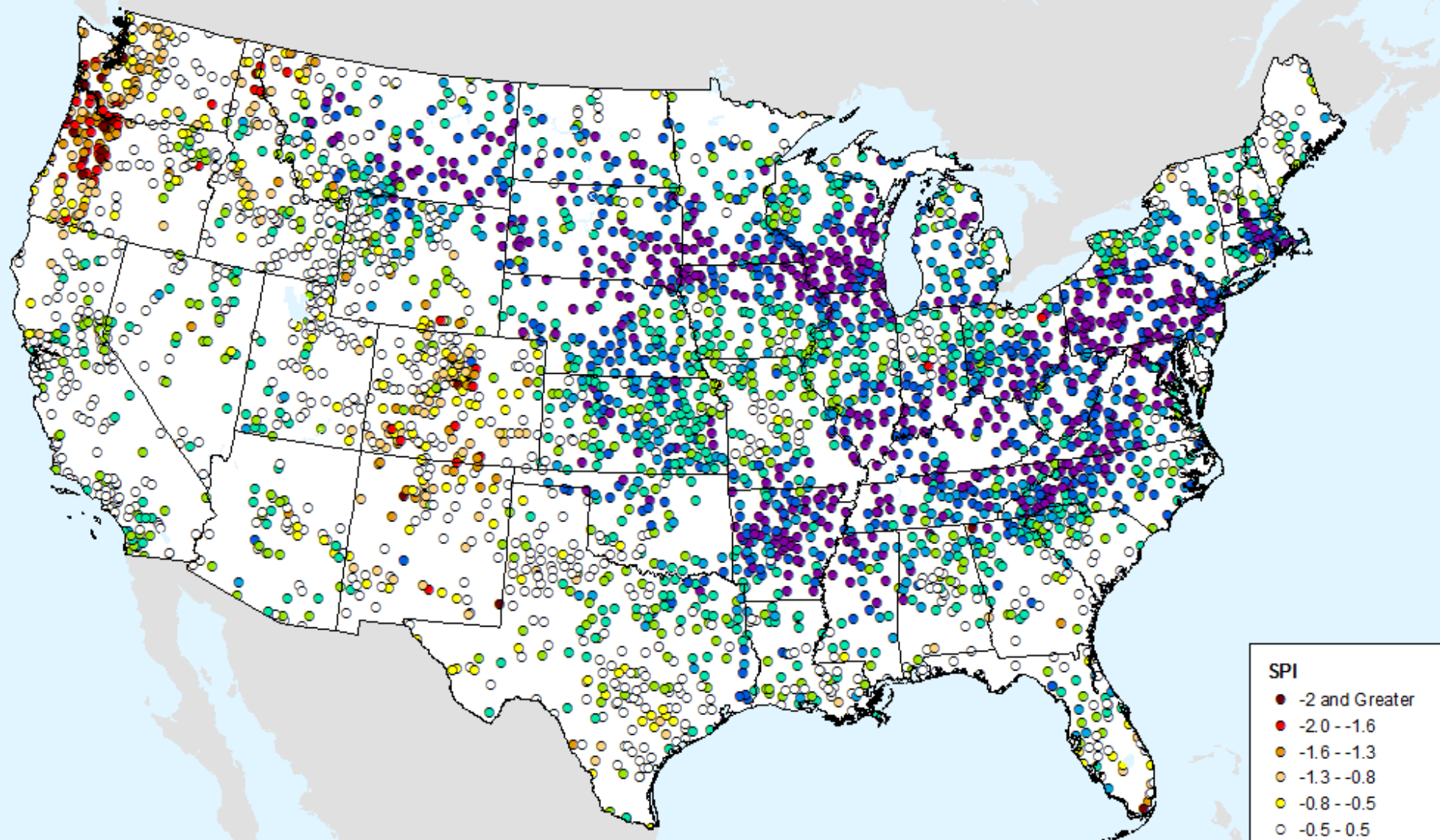
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

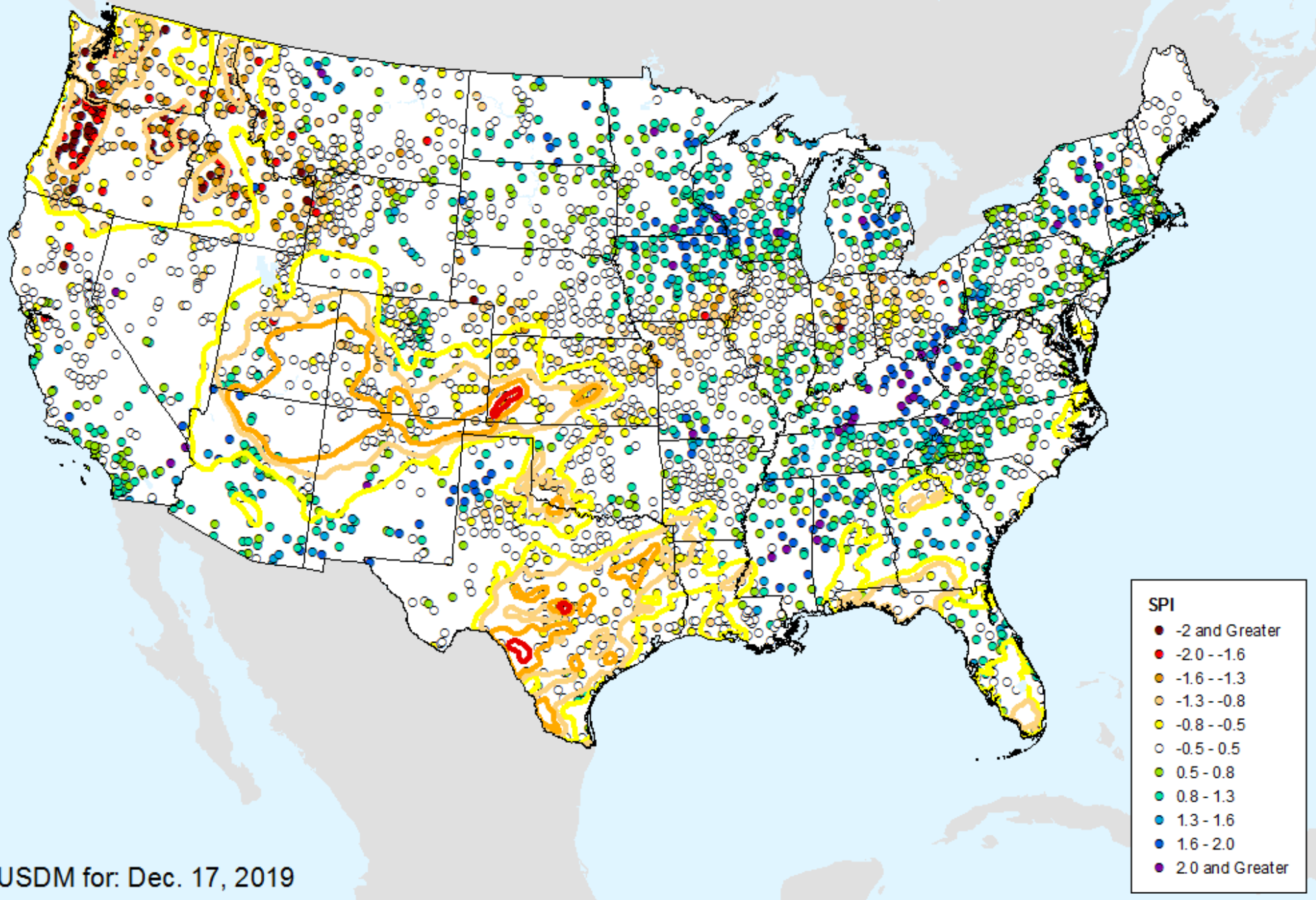
HPRCC 24-month SPI

As of: Monday, December 23, 2019



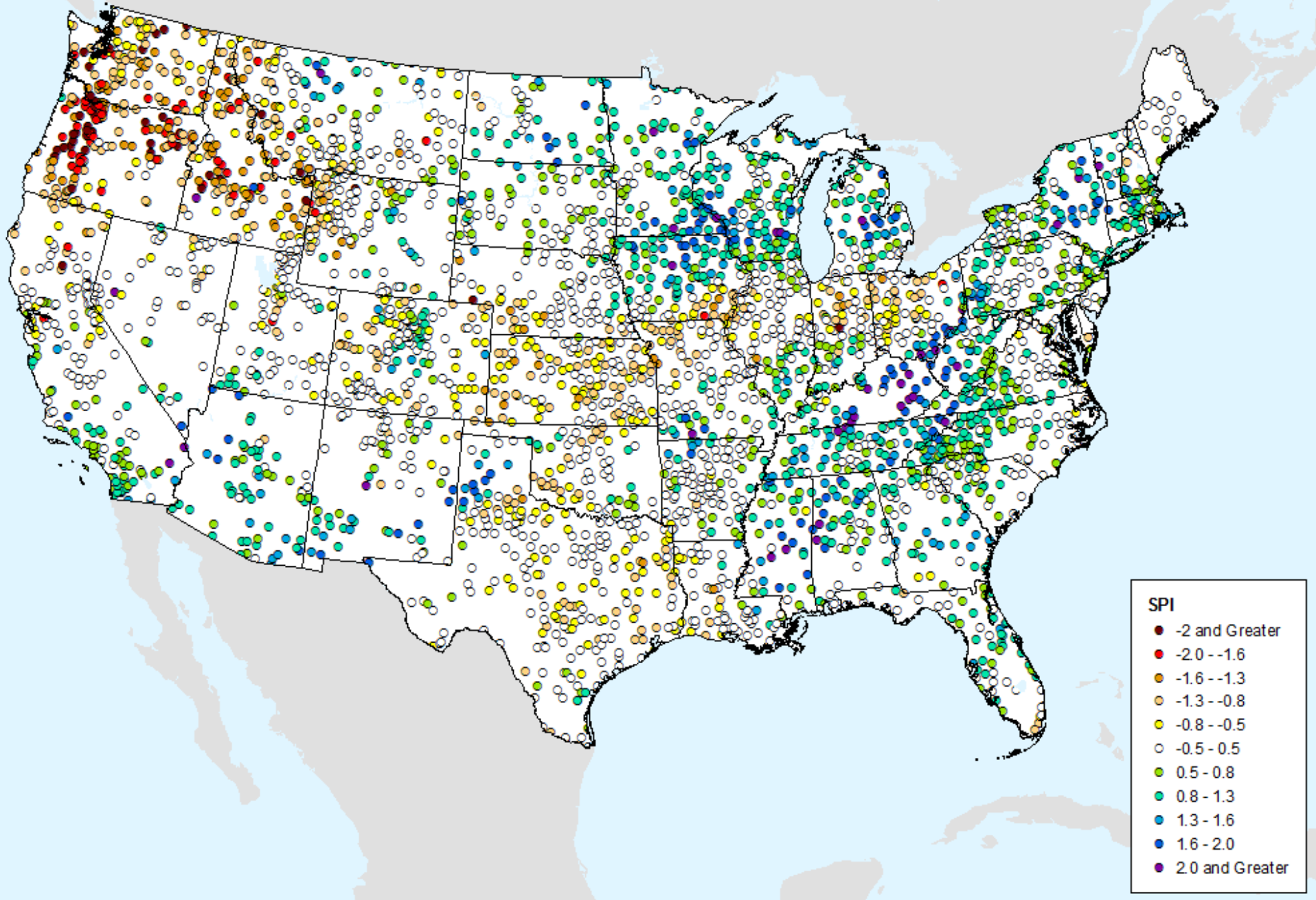
HPRCC Water Year-to-date SPI

As of: Monday, December 23, 2019



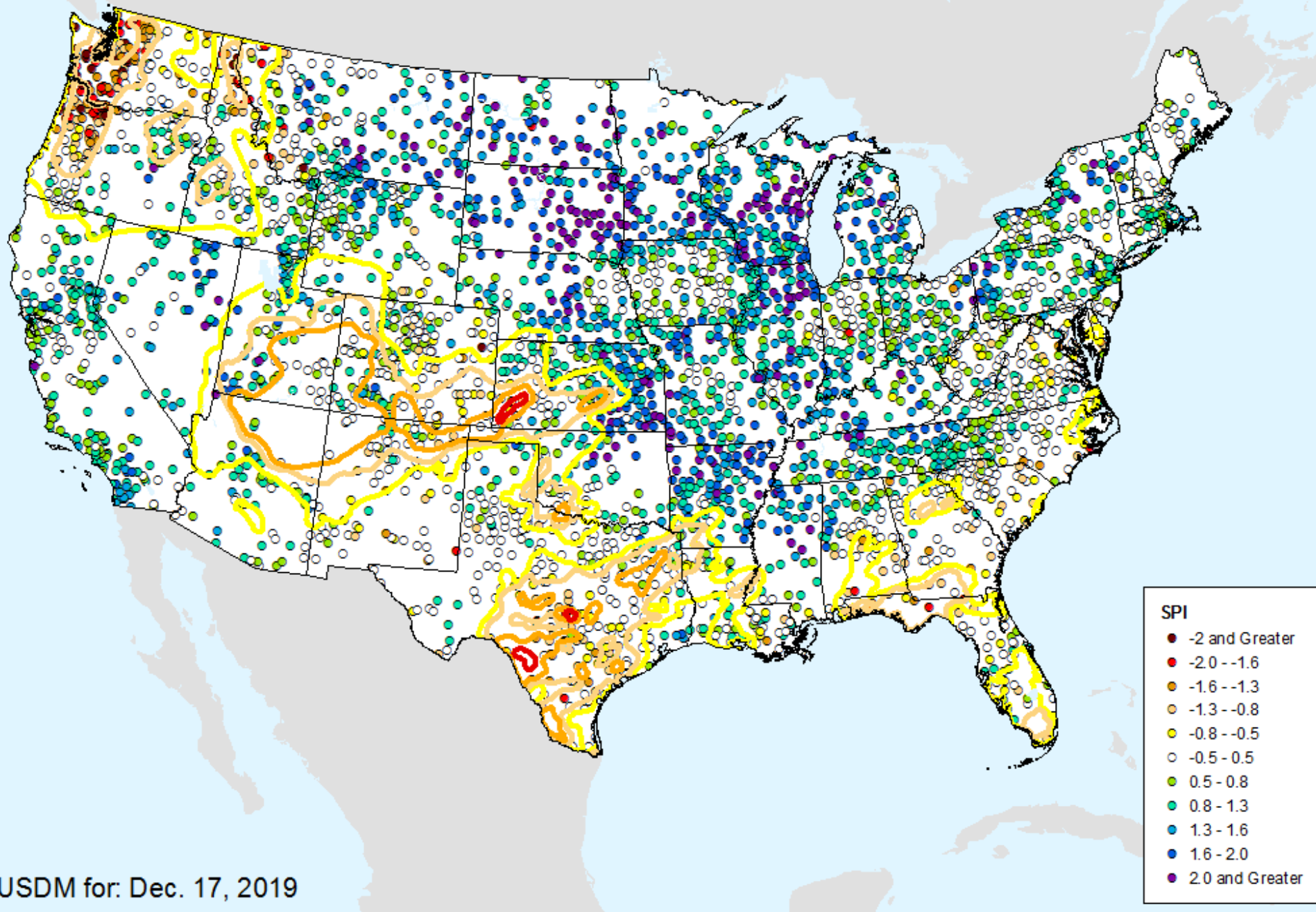
HPRCC Water Year-to-date SPI

As of: Monday, December 23, 2019



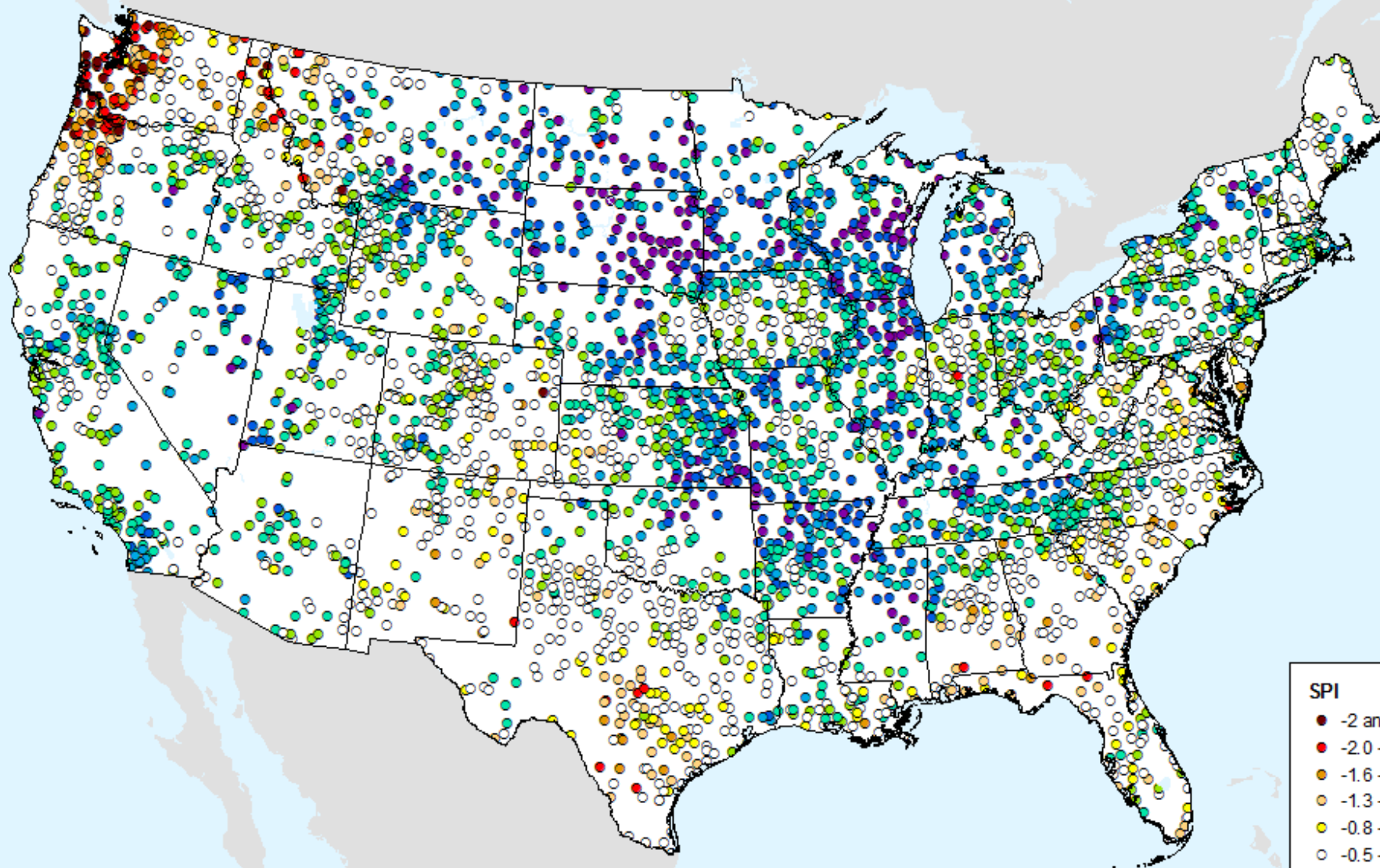
HPRCC Year-to-date SPI

As of: Monday, December 23, 2019



HPRCC Year-to-date SPI

As of: Monday, December 23, 2019

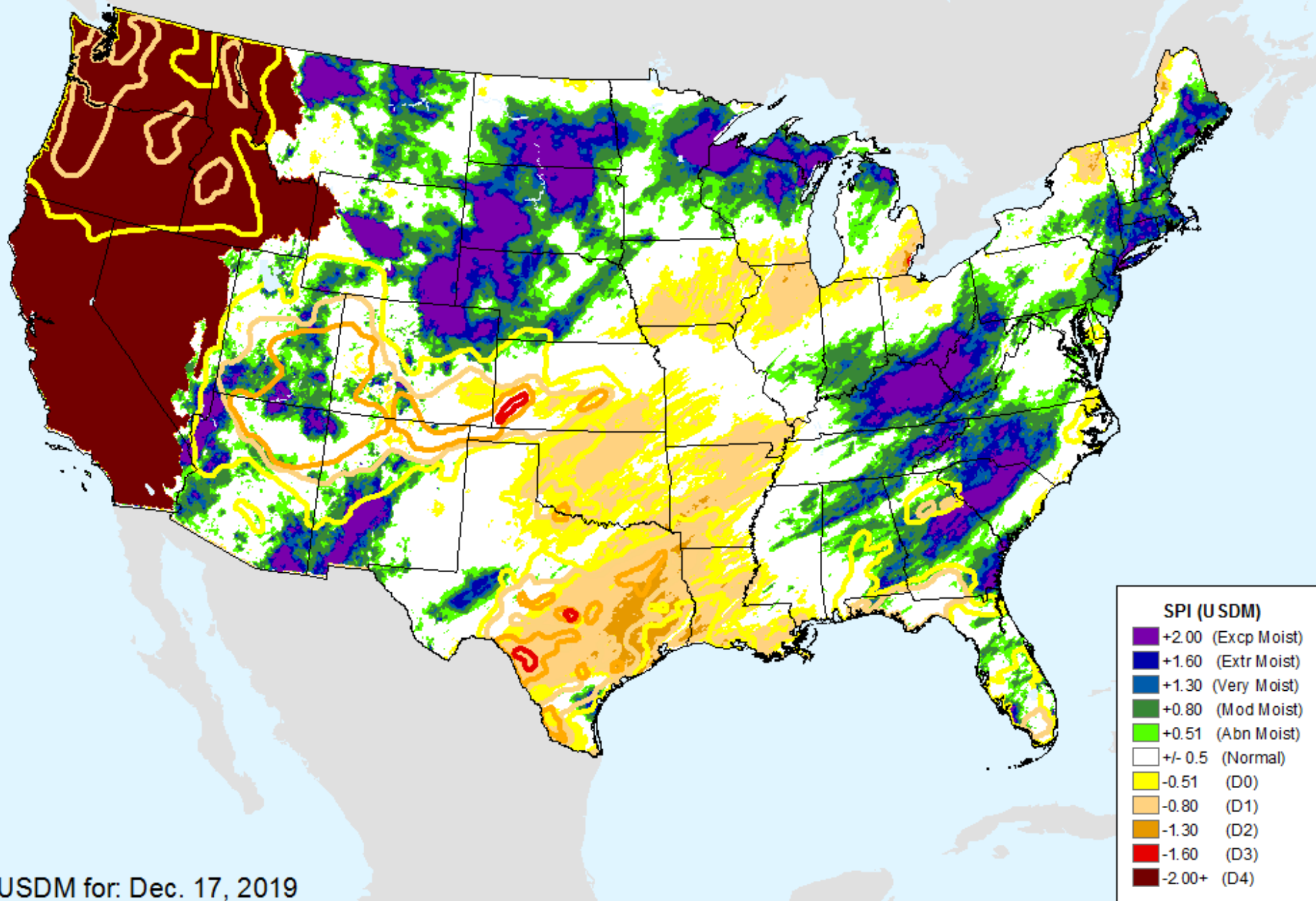


SPI

- -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

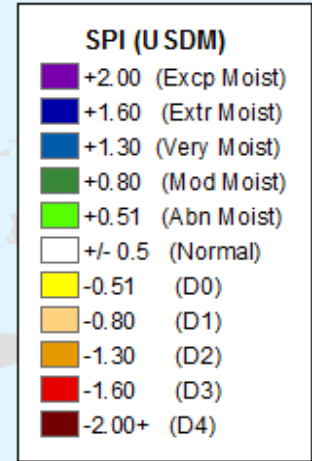
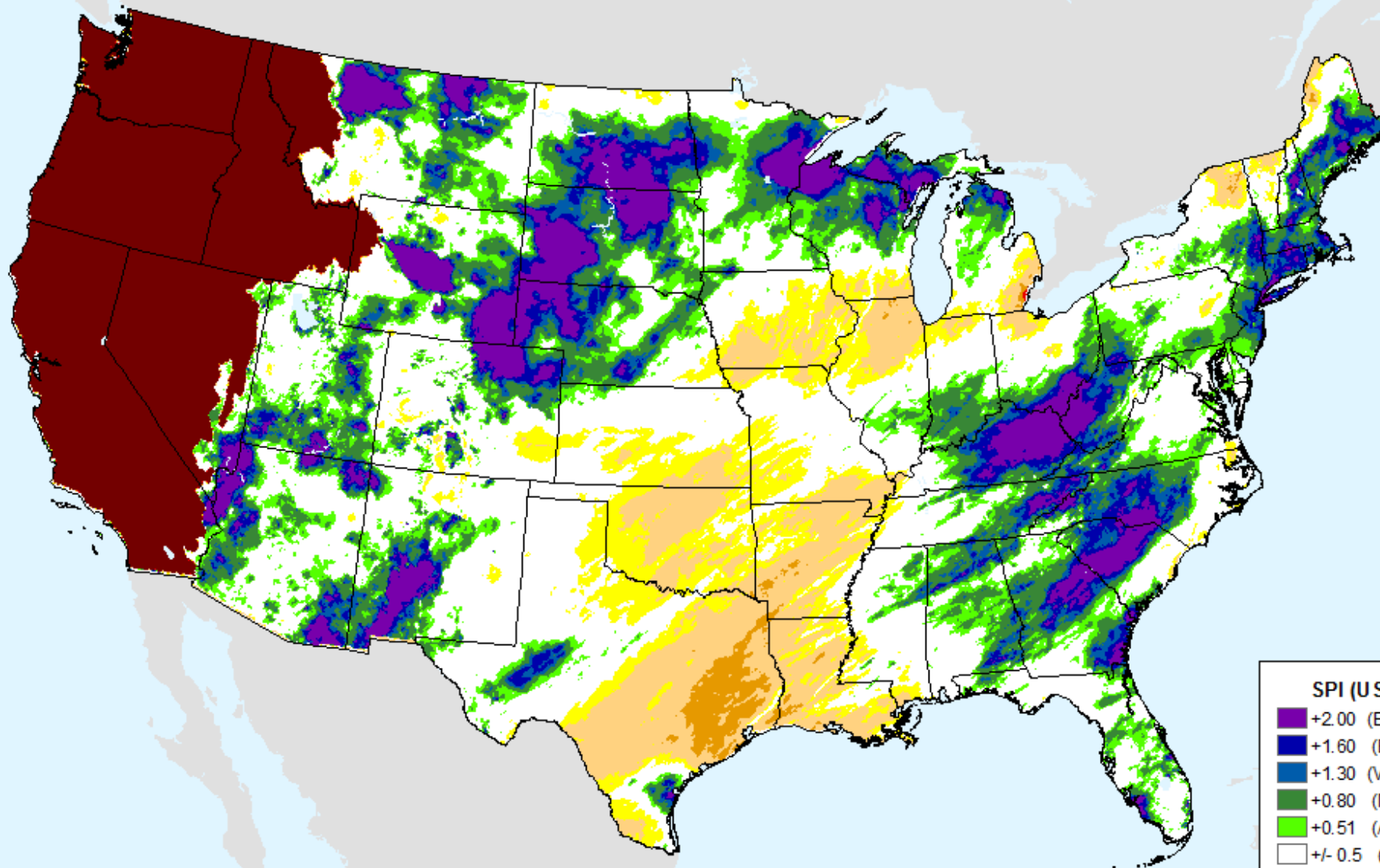
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

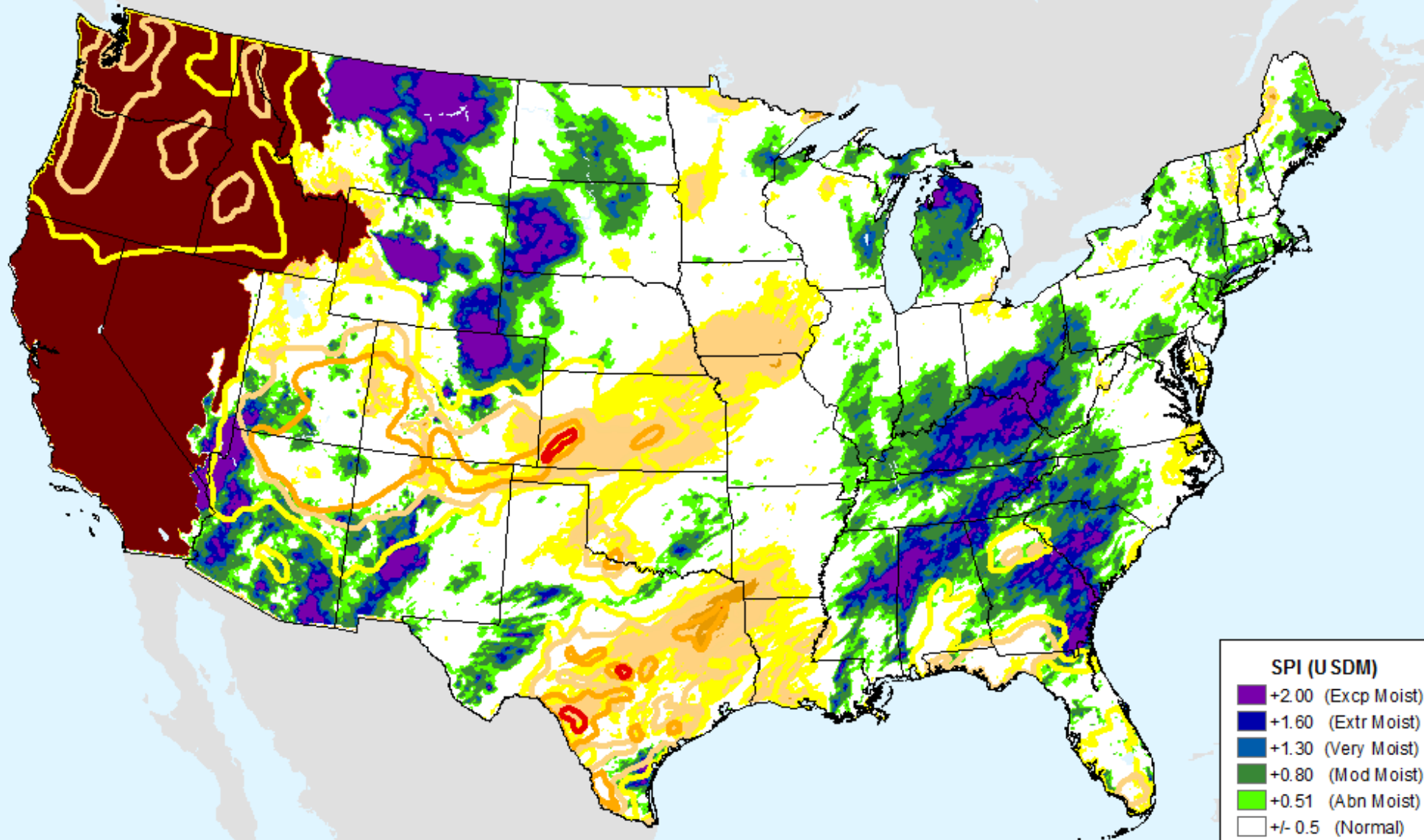
AHPS 1-month SPI

As of: Monday, December 23, 2019



AHPS 2-month SPI

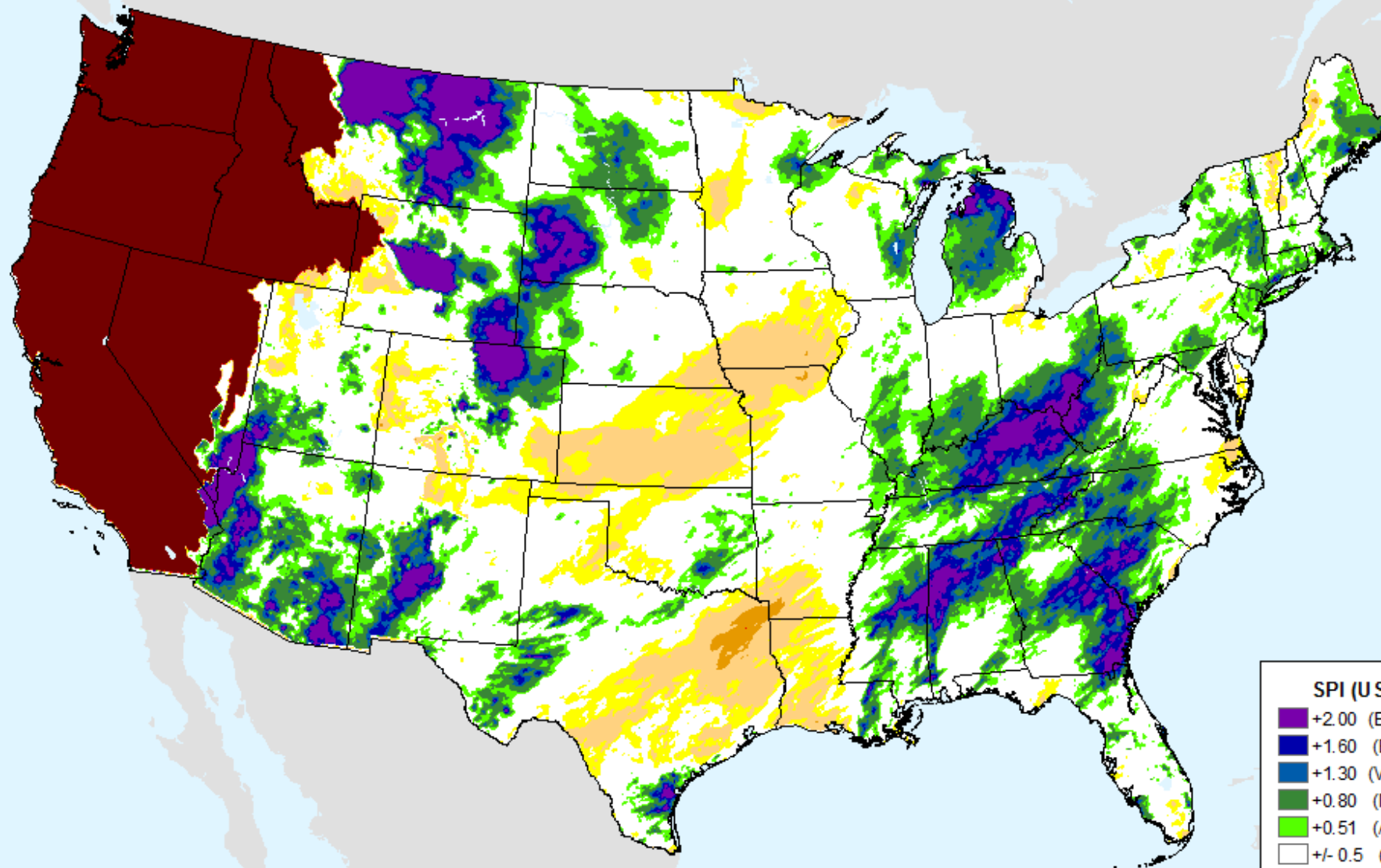
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

AHPS 2-month SPI

As of: Monday, December 23, 2019

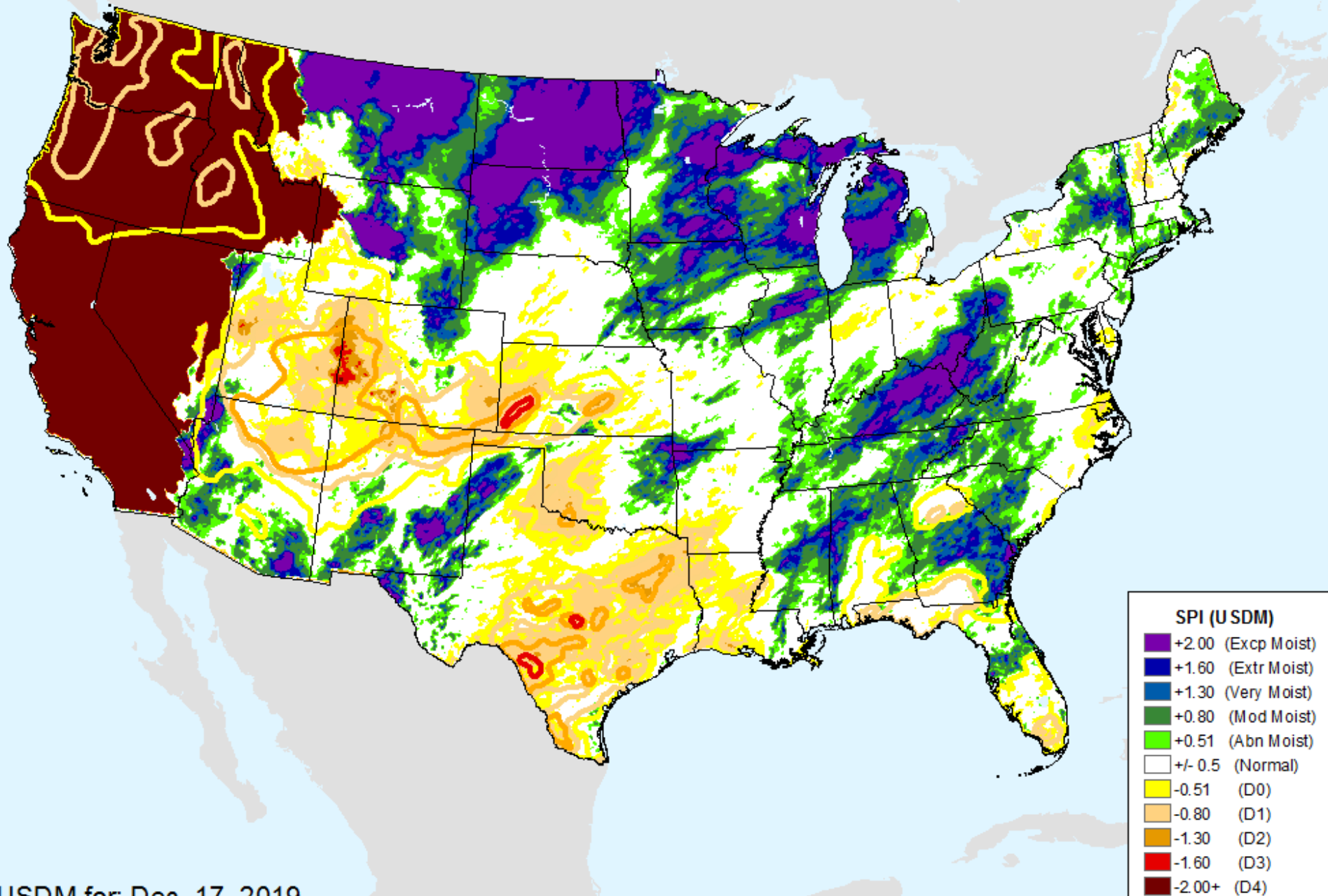


SPI (USDM)

- +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 3-month SPI

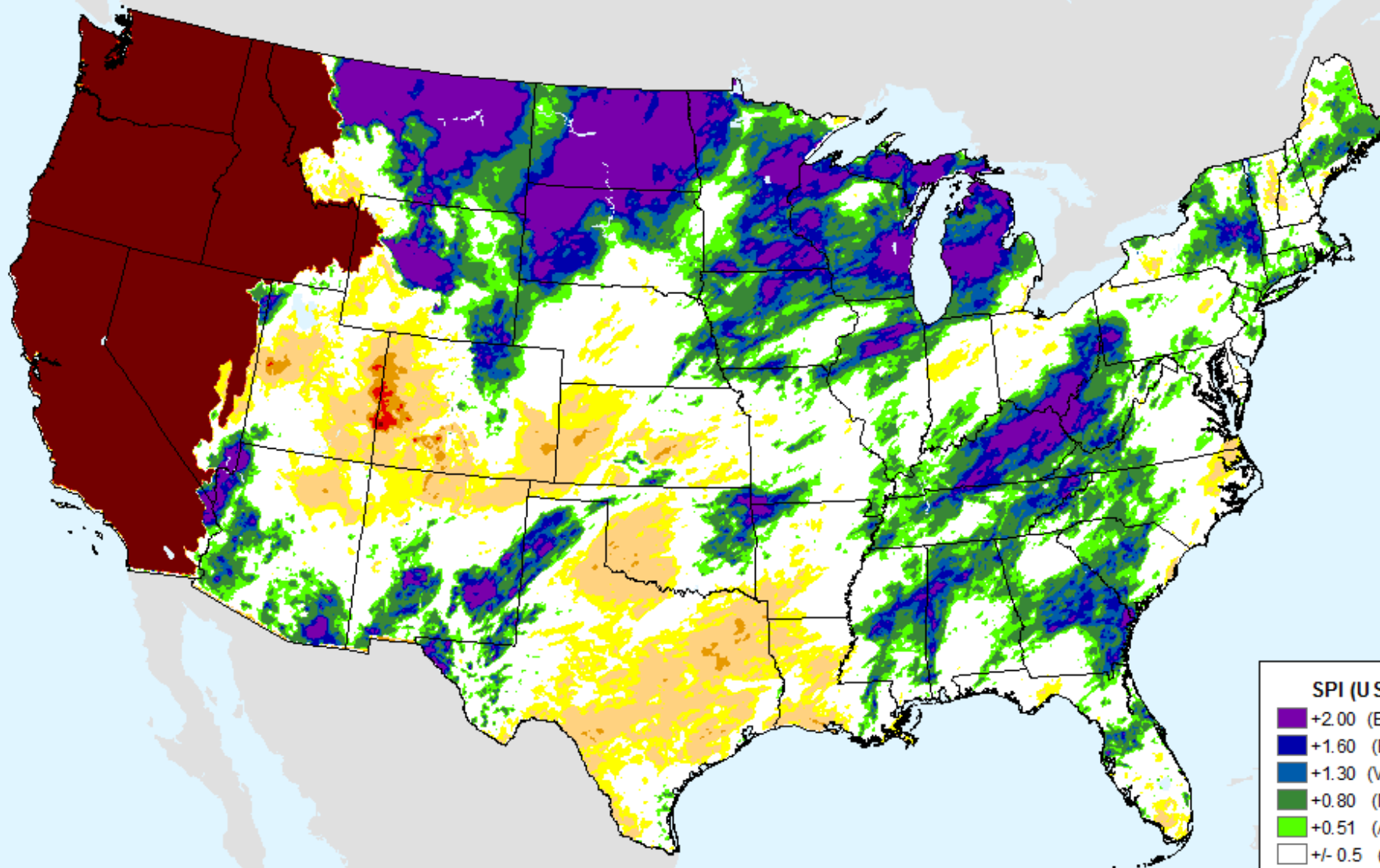
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

AHPS 3-month SPI

As of: Monday, December 23, 2019

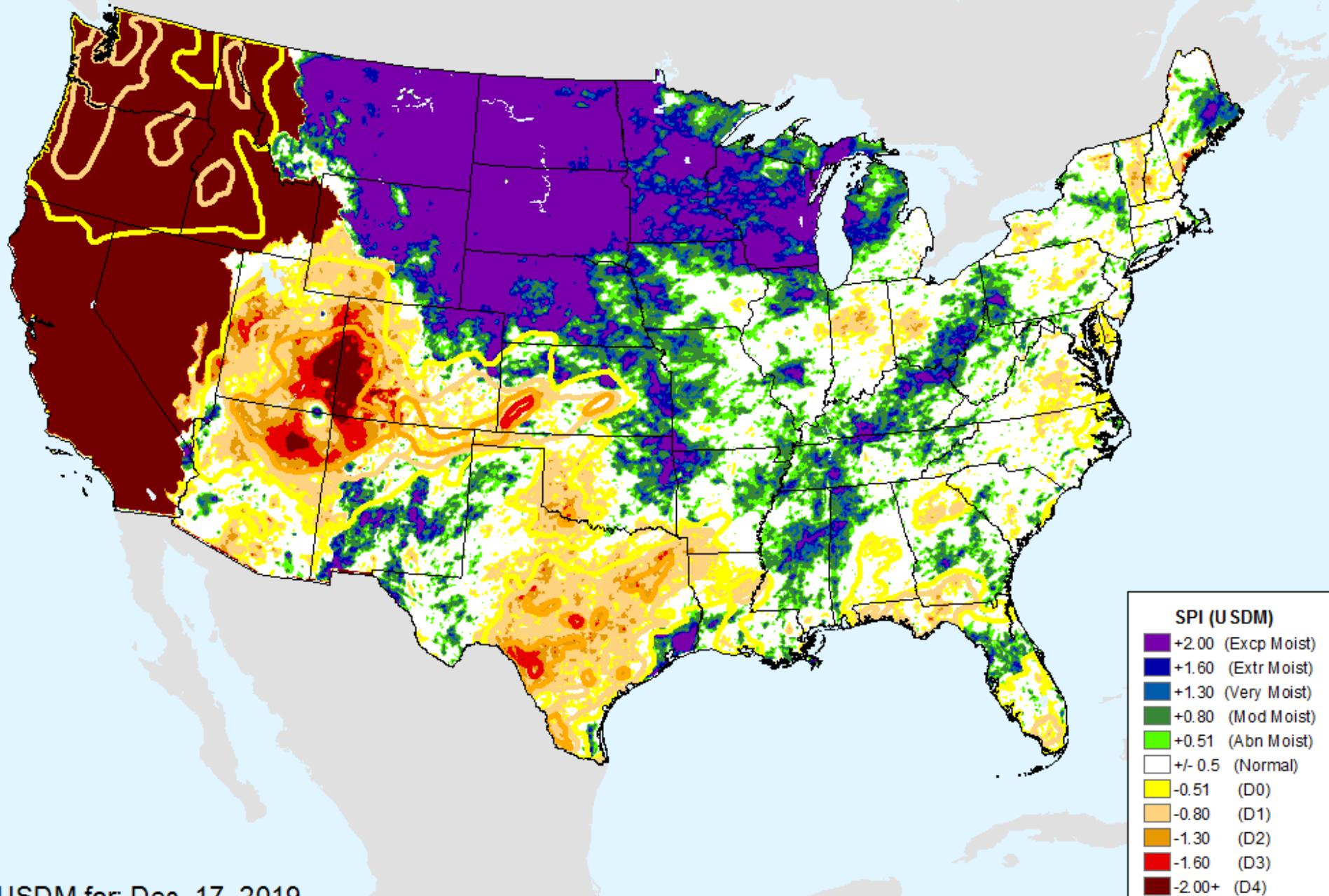


SPI (USDM)

- +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 6-month SPI

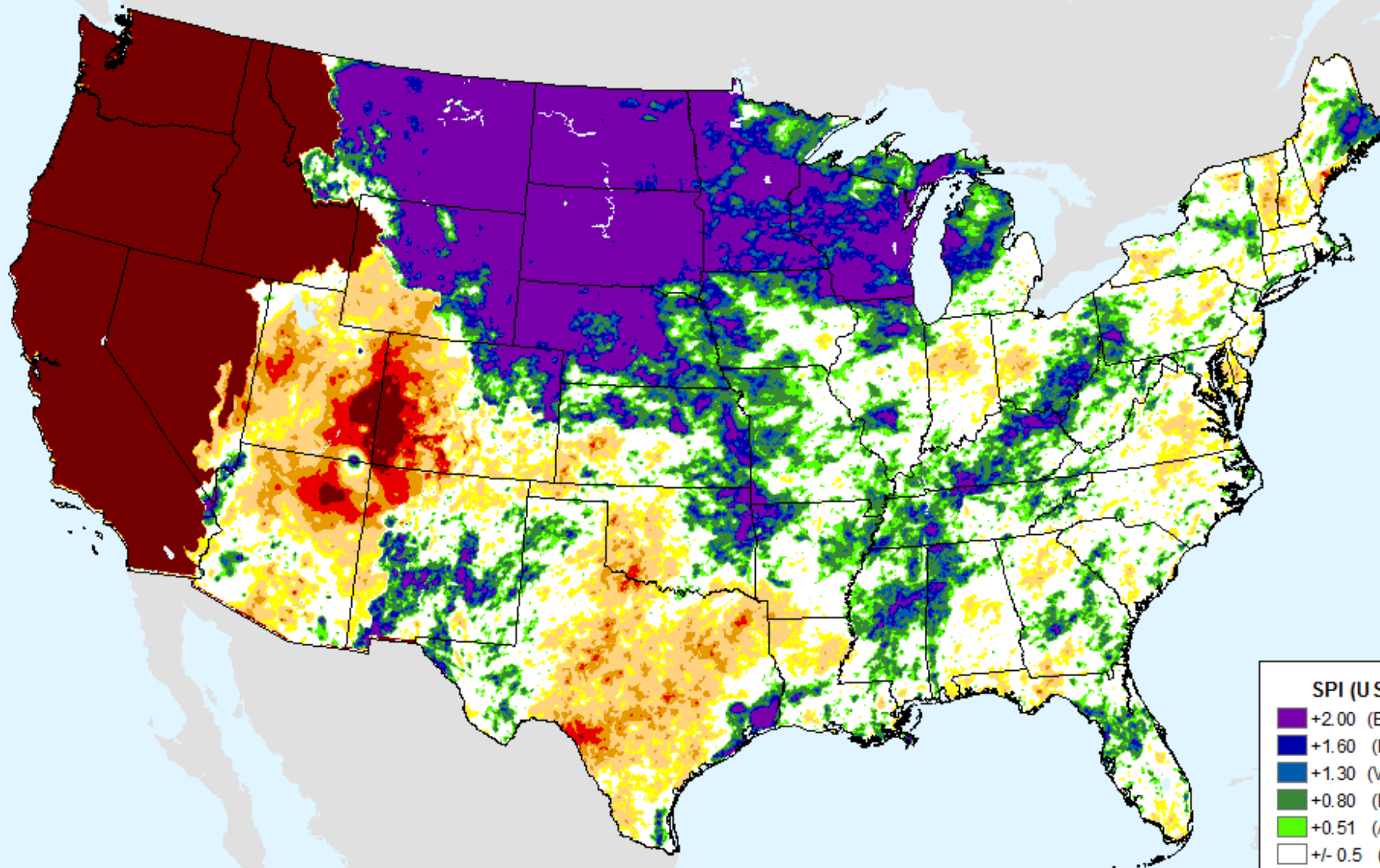
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

AHPS 6-month SPI

As of: Monday, December 23, 2019

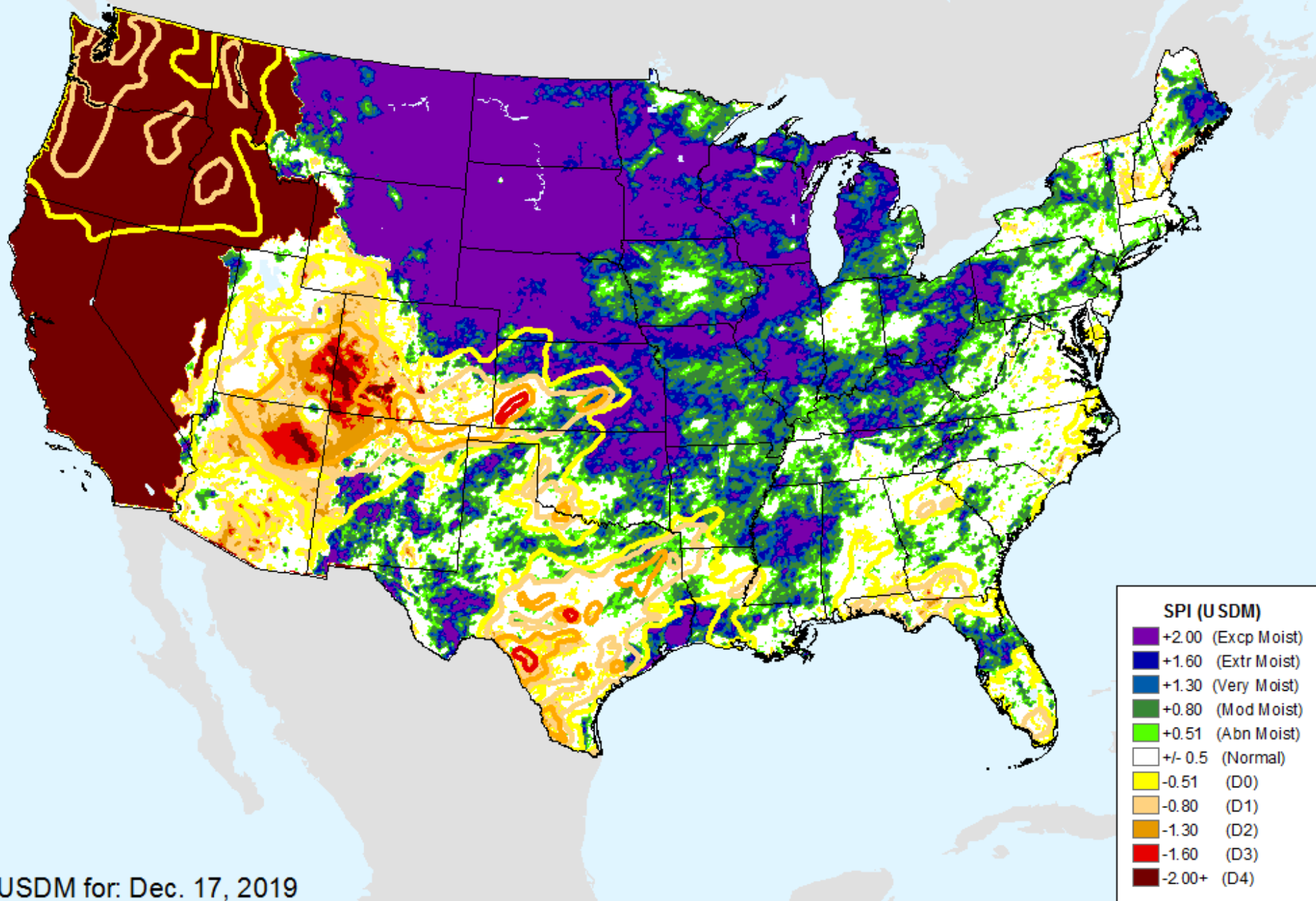


SPI (USDM)

- +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 9-month SPI

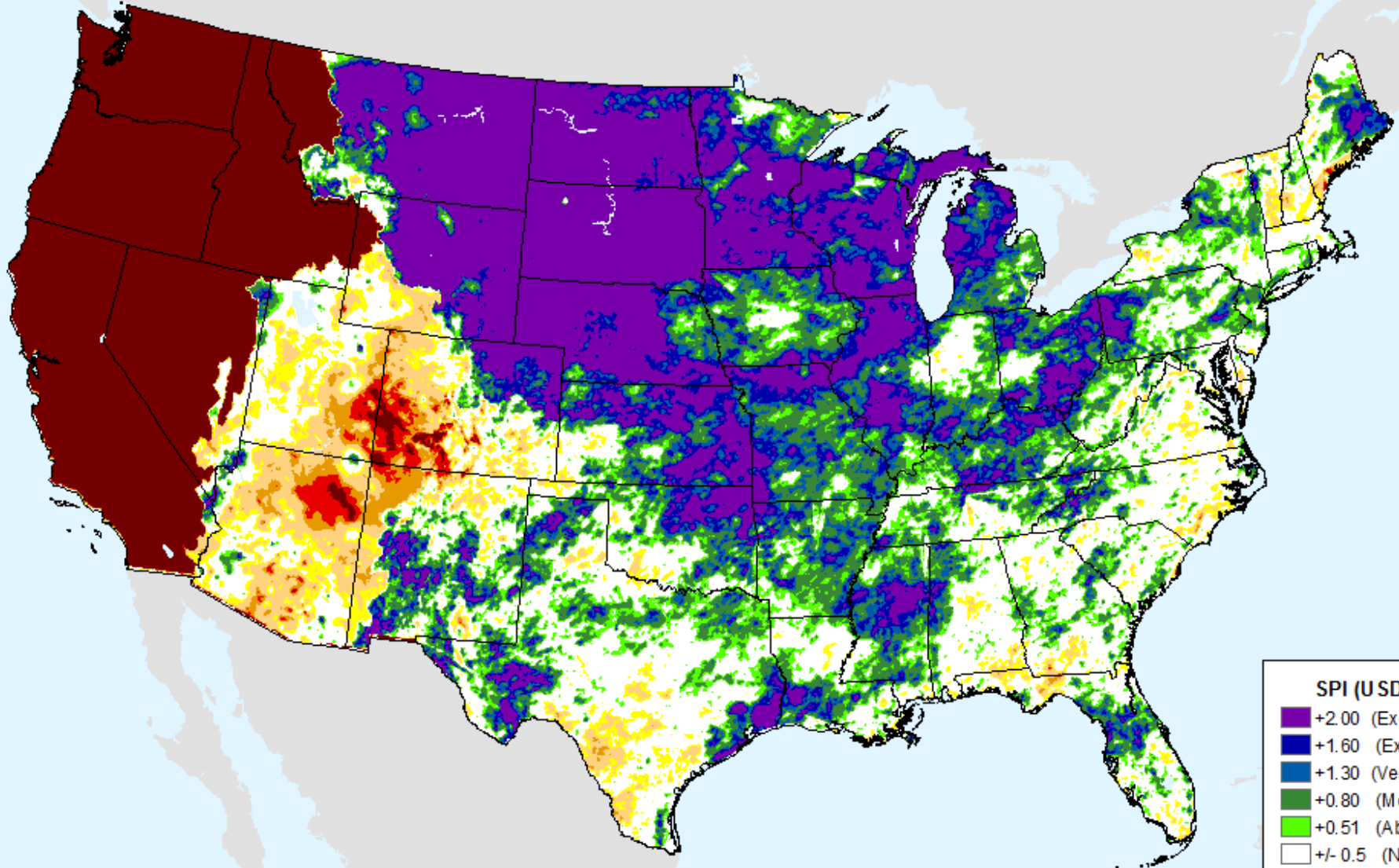
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

AHPS 9-month SPI

As of: Monday, December 23, 2019

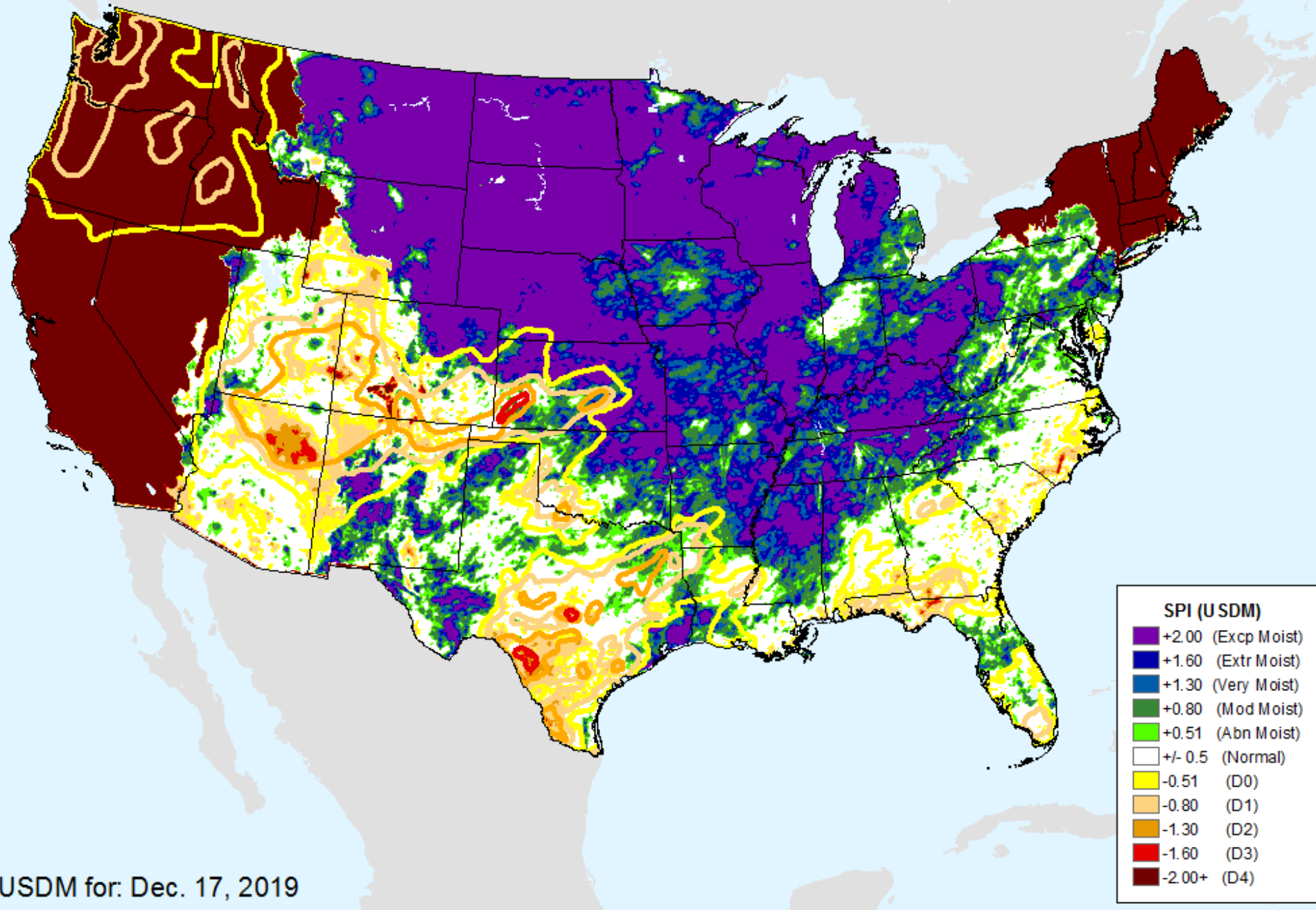


SPI (USDM)

- +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)

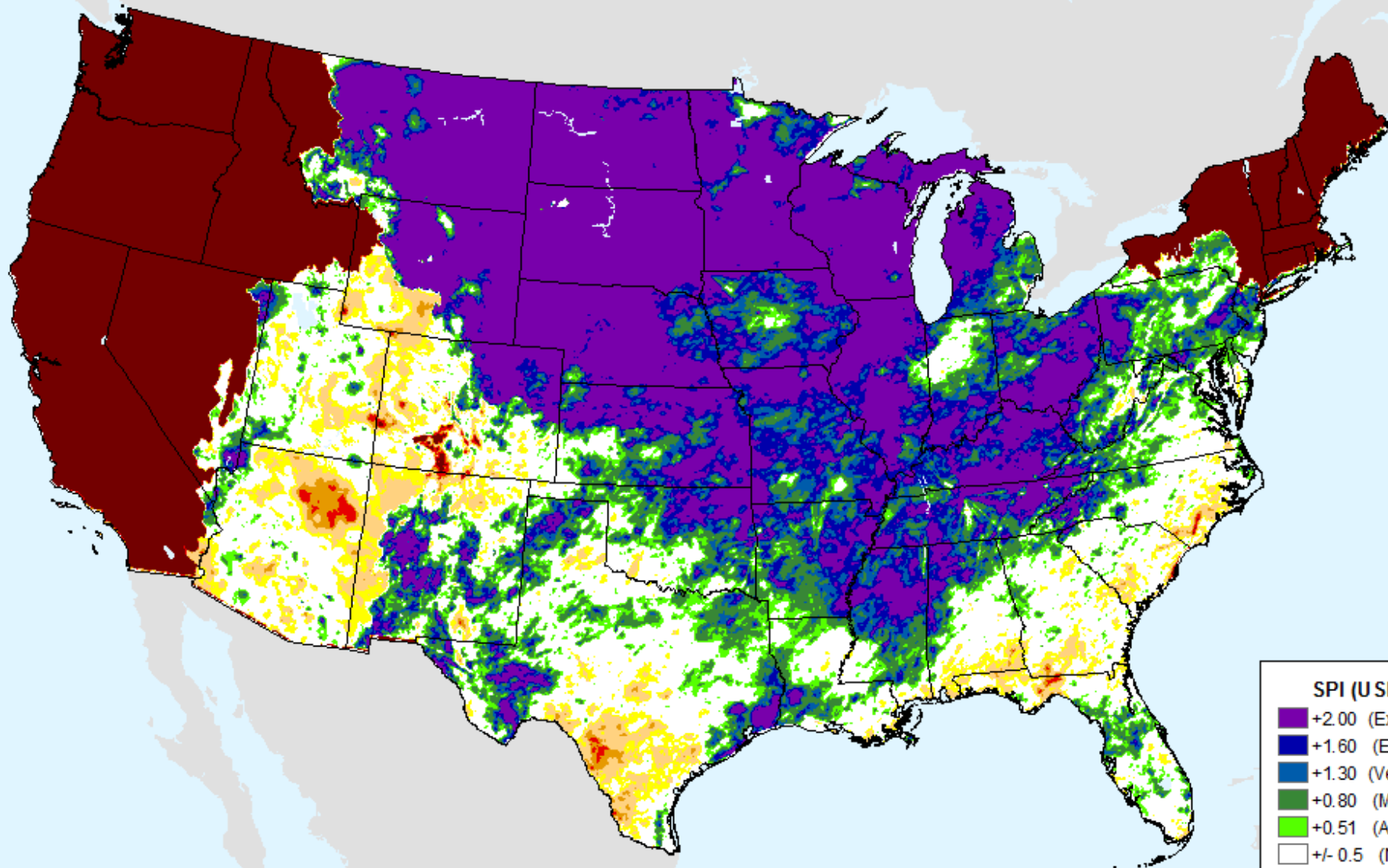
AHPS 12-month SPI

As of: Monday, December 23, 2019



AHPS 12-month SPI

As of: Monday, December 23, 2019

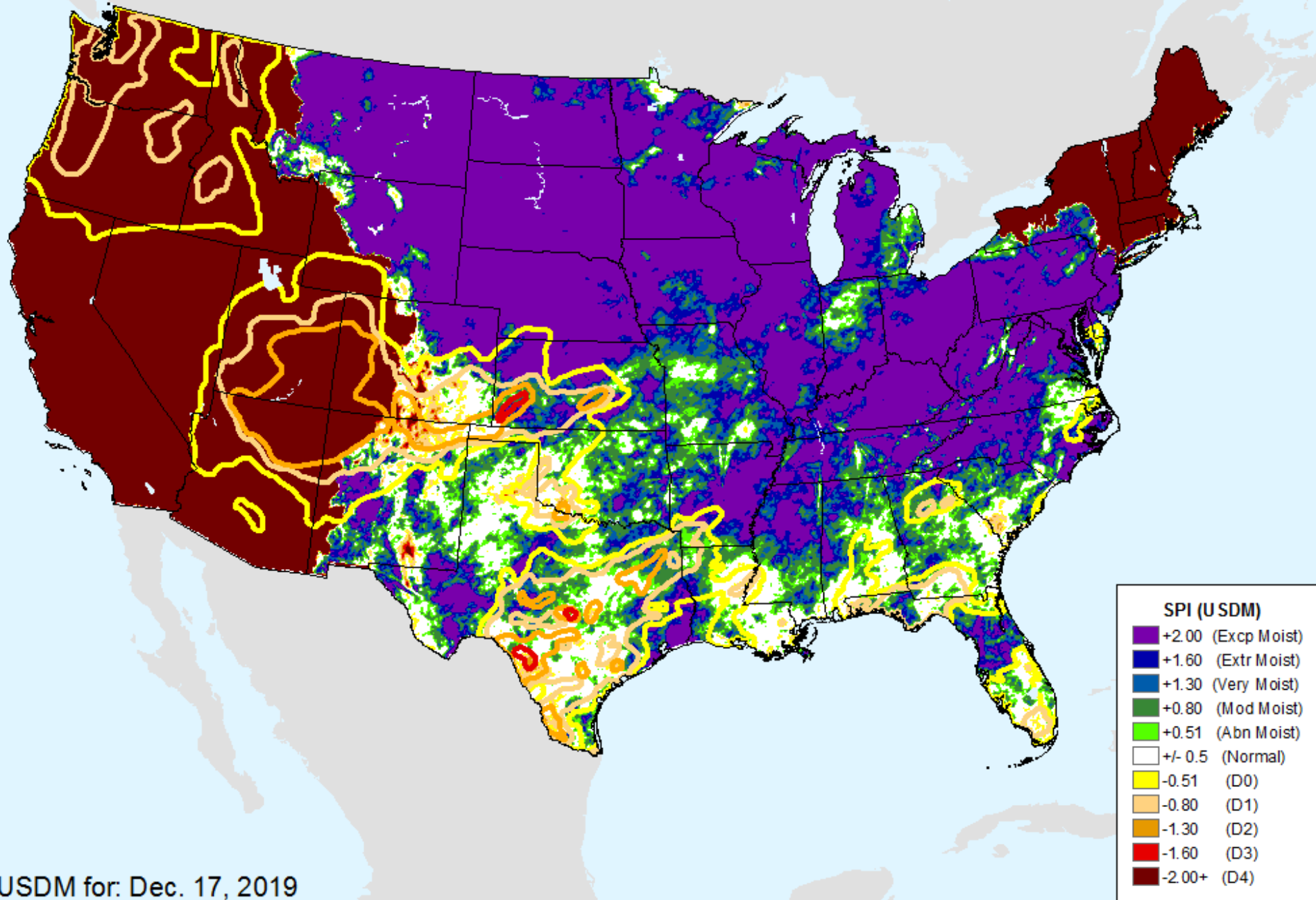


SPI (USDM)

- +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 24-month SPI

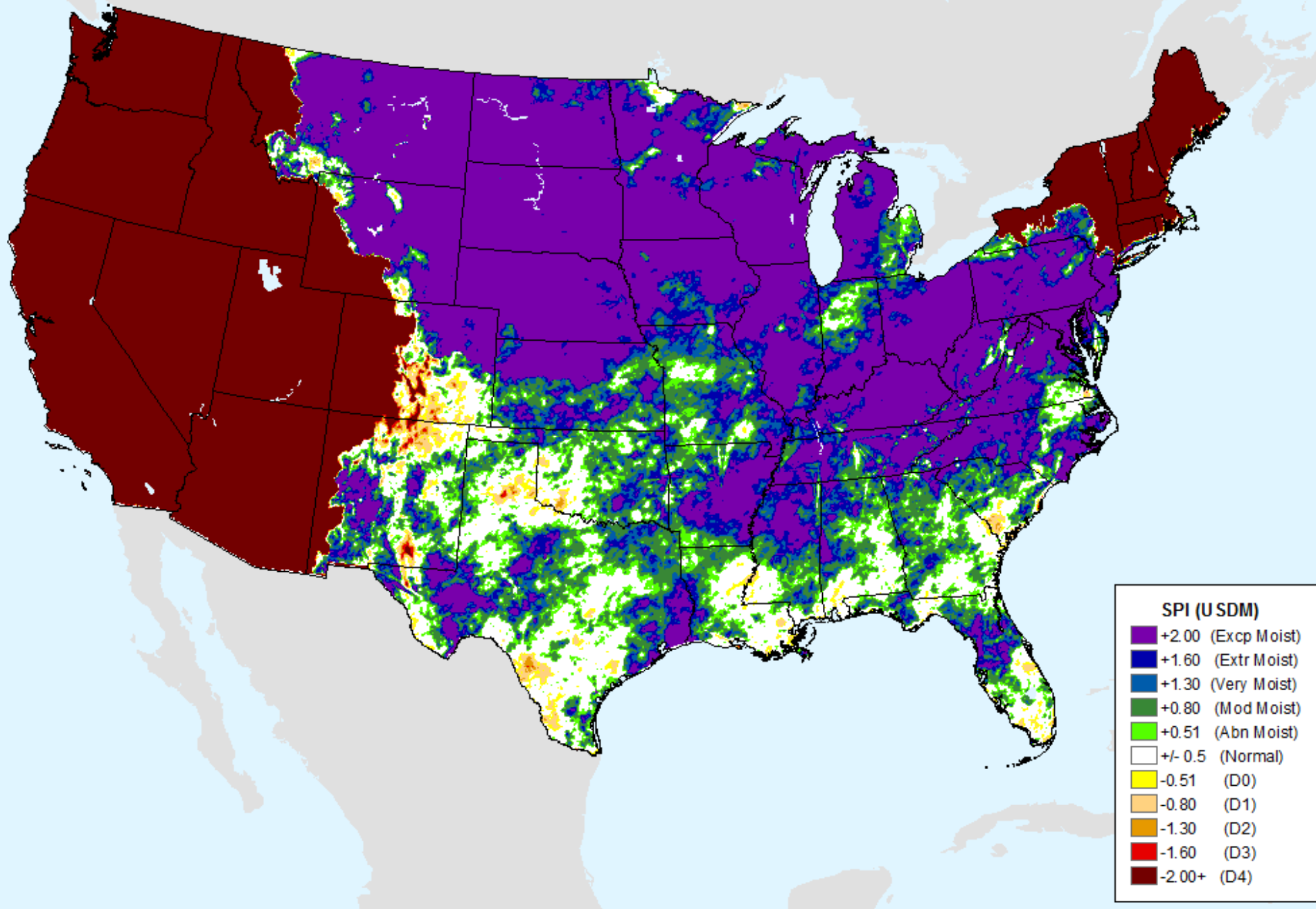
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

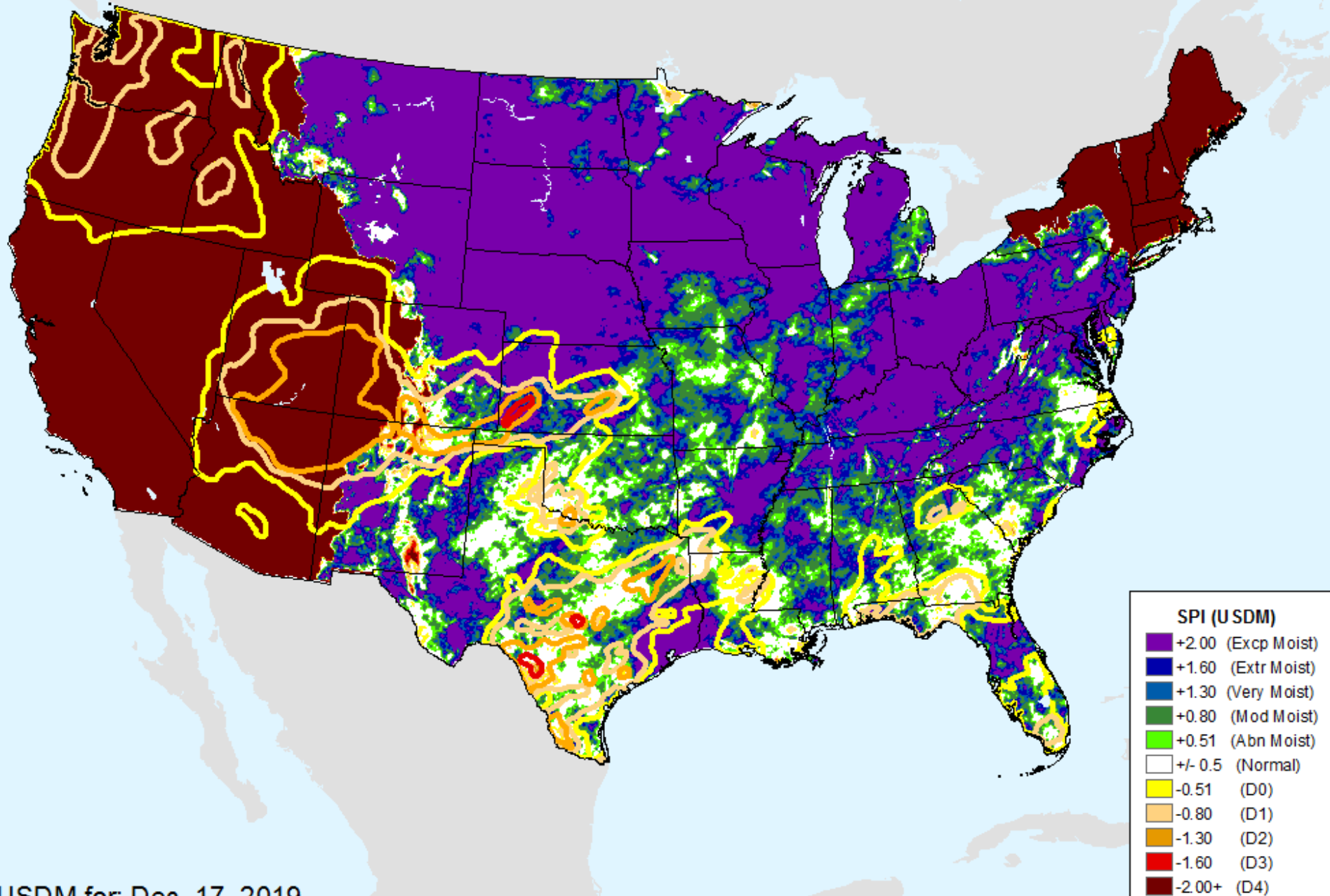
AHPS 24-month SPI

As of: Monday, December 23, 2019



AHPS 36-month SPI

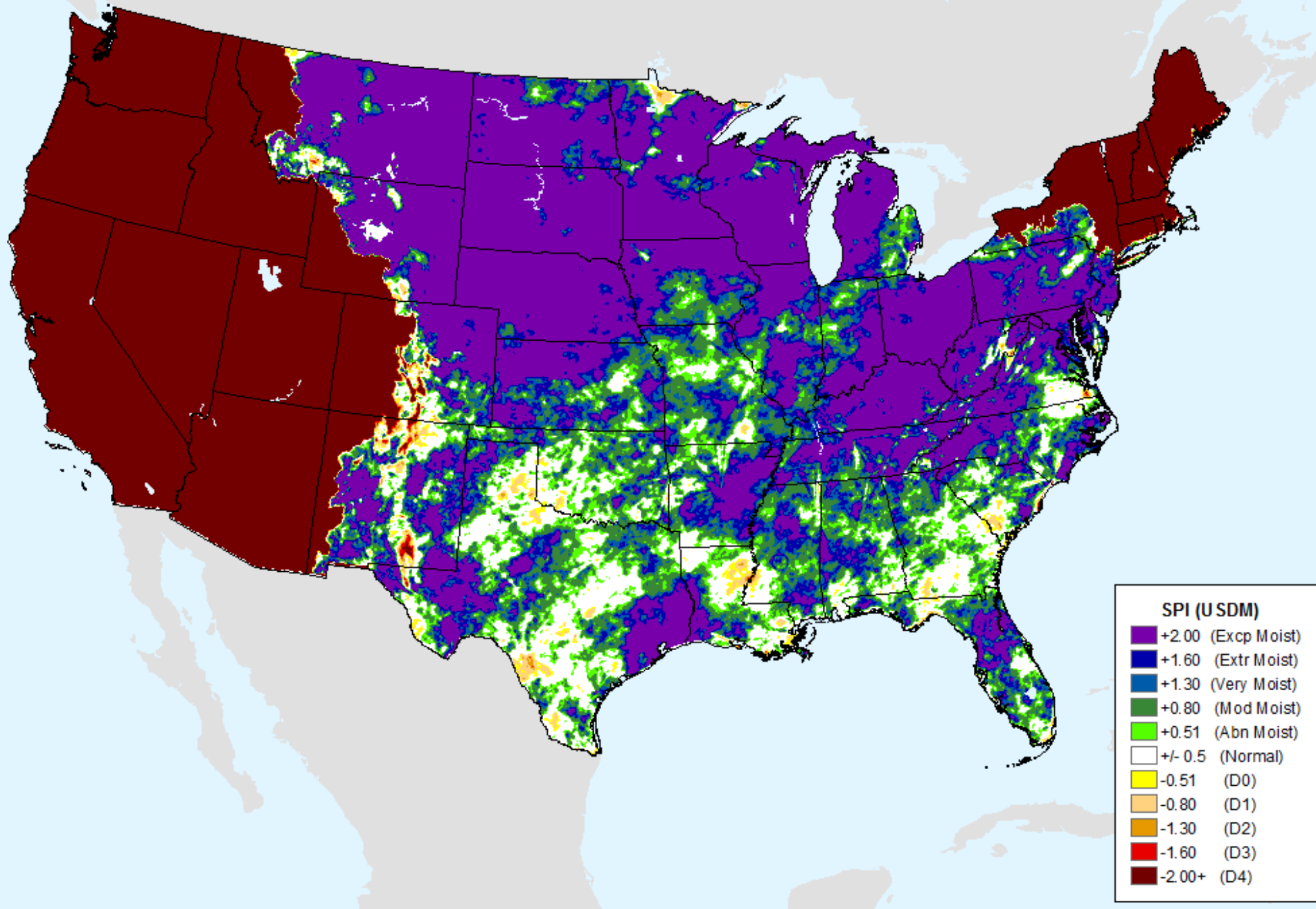
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

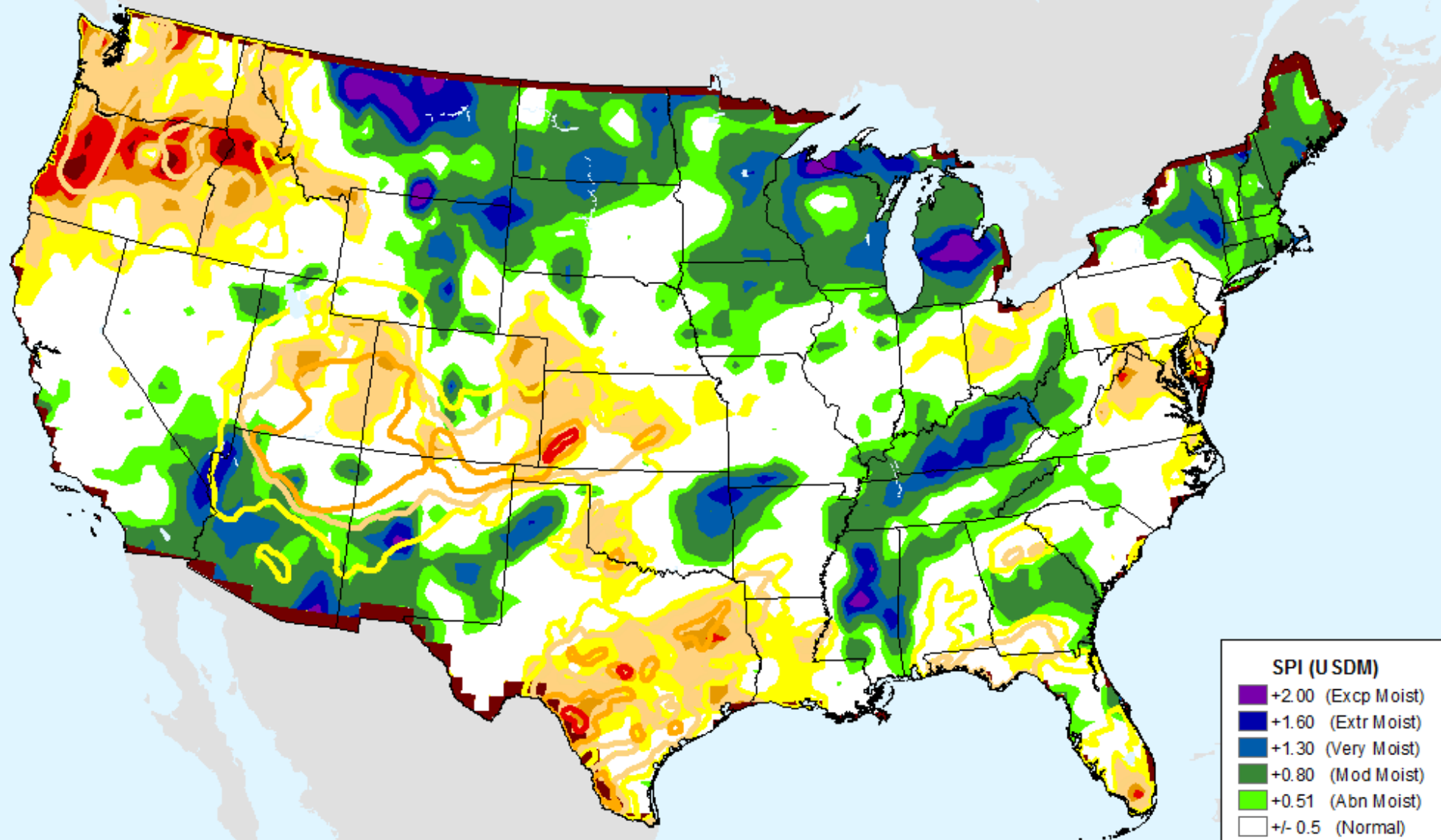
AHPS 36-month SPI

As of: Monday, December 23, 2019



CPC 3-month SPI

As of: Monday, December 23, 2019

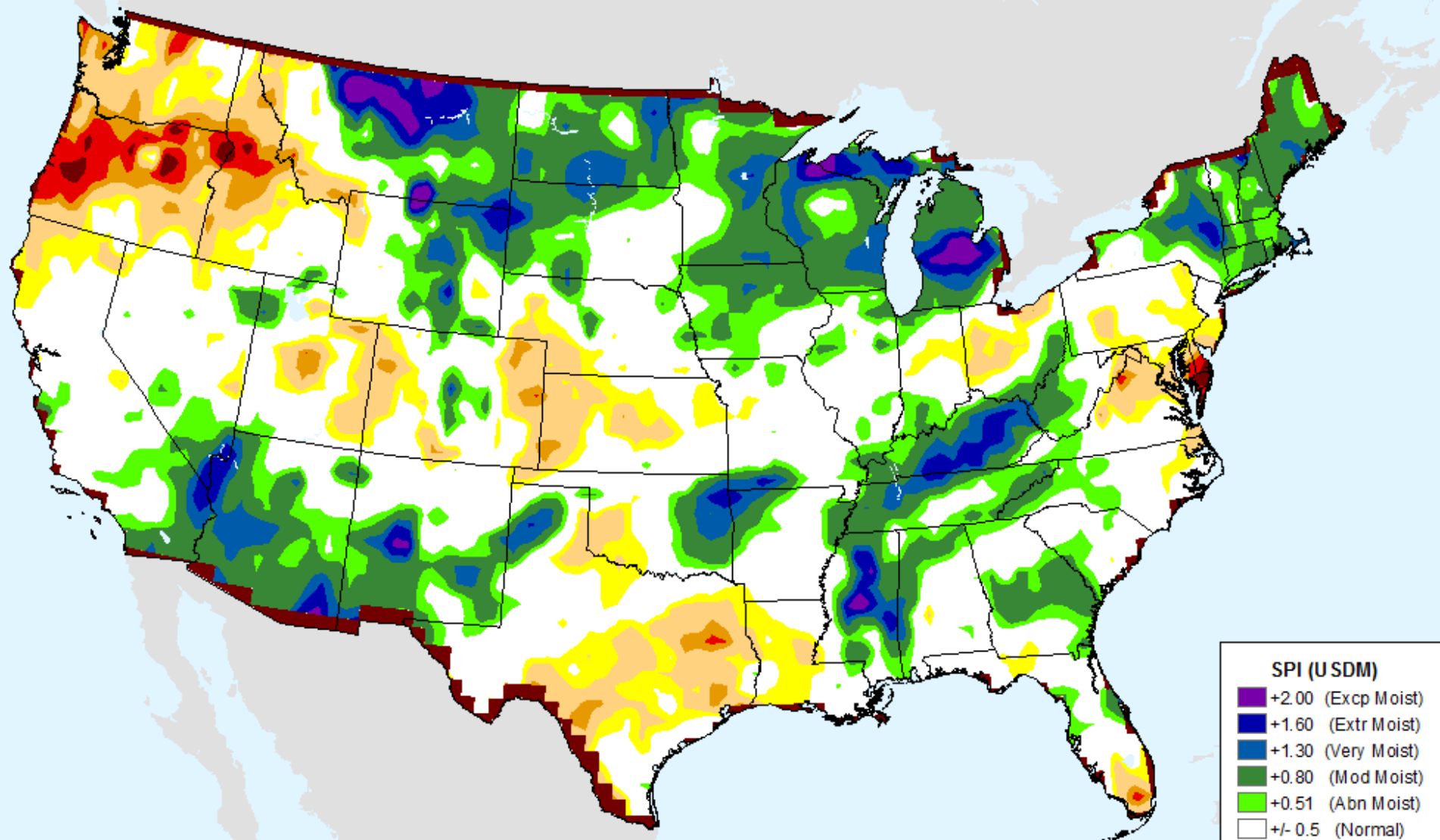


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Dec. 17, 2019

CPC 3-month SPI

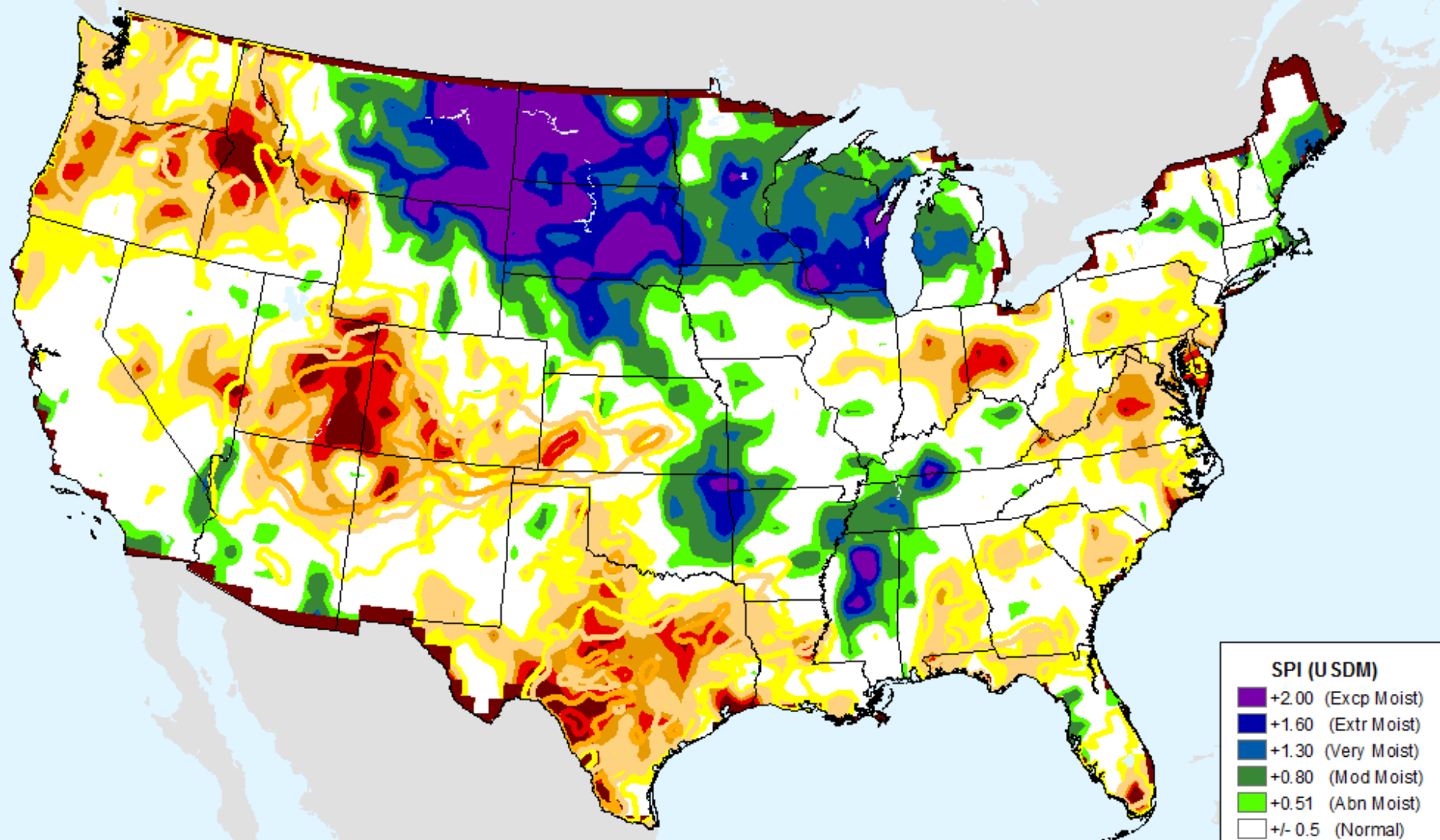
As of: Monday, December 23, 2019



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

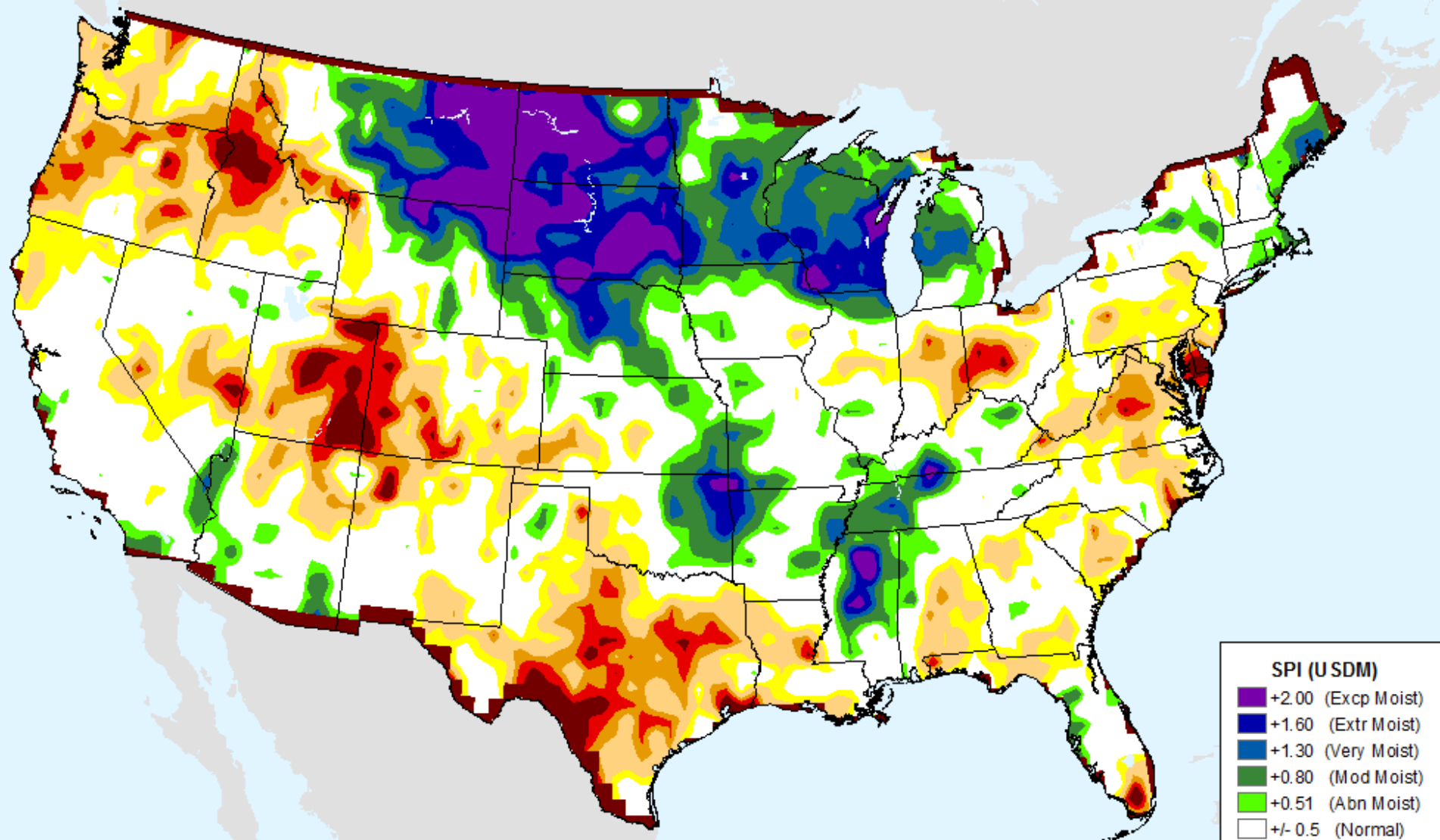
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

CPC 6-month SPI

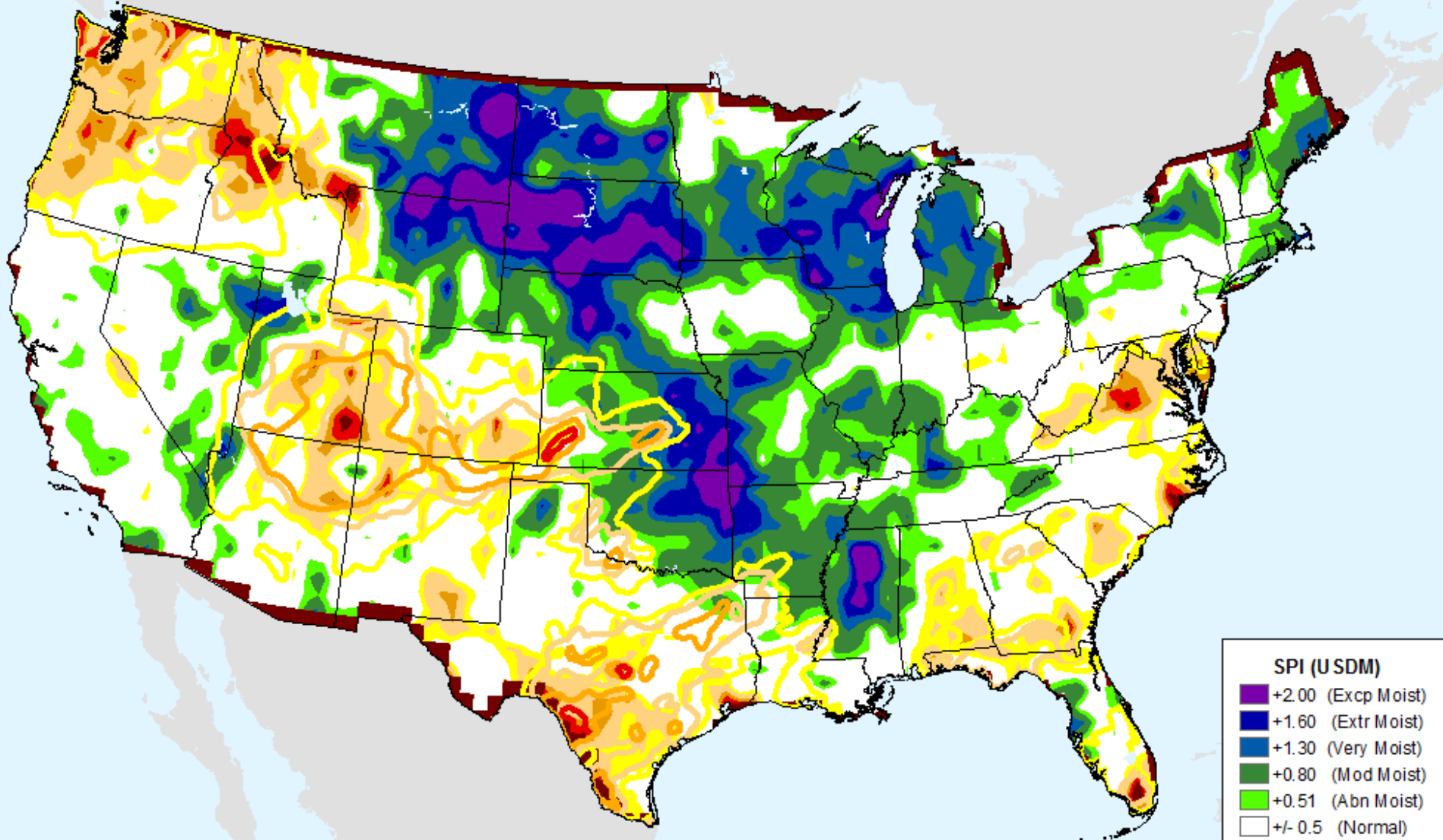
As of: Monday, December 23, 2019



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 9-month SPI

As of: Monday, December 23, 2019

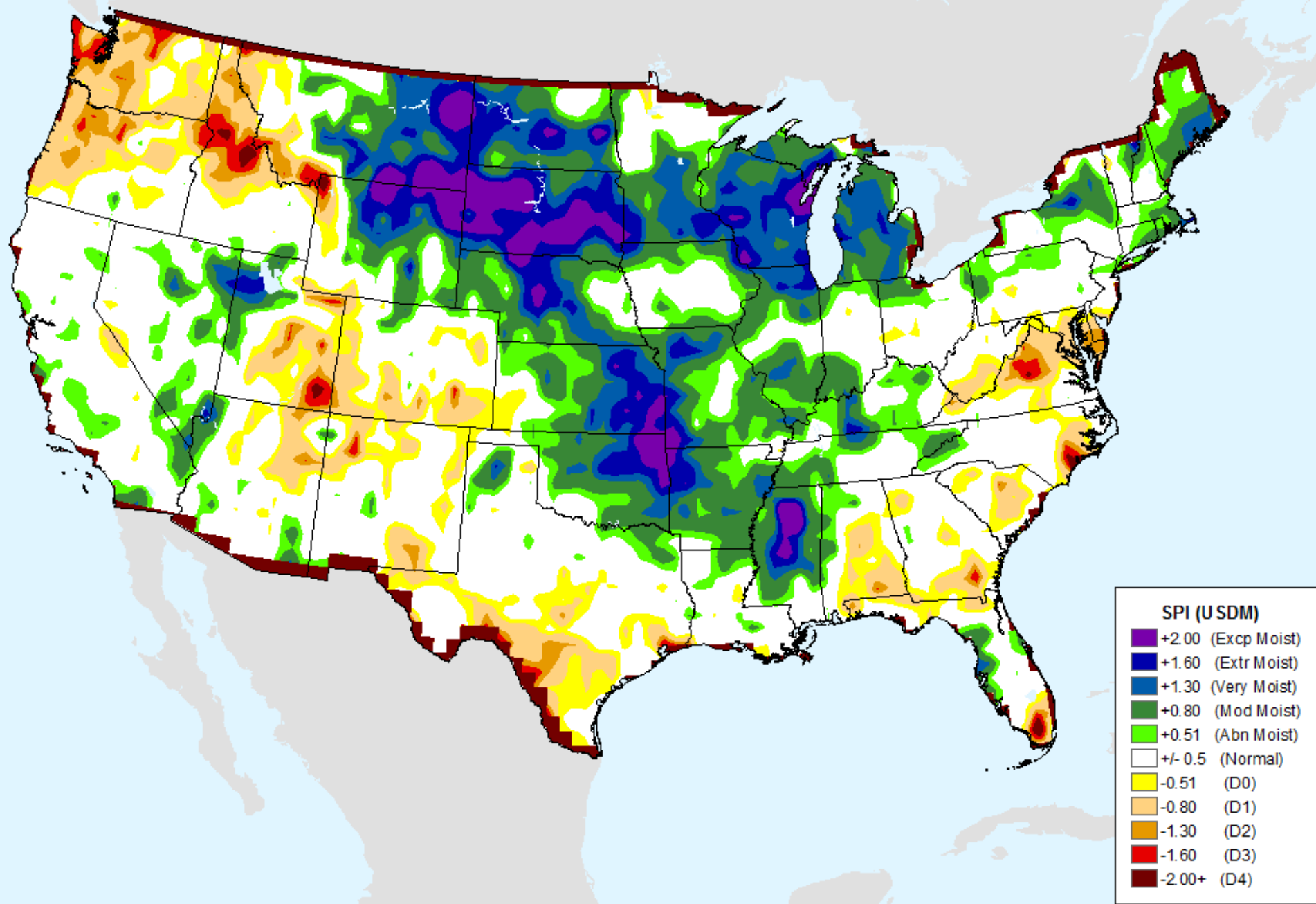


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Dark Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Dec. 17, 2019

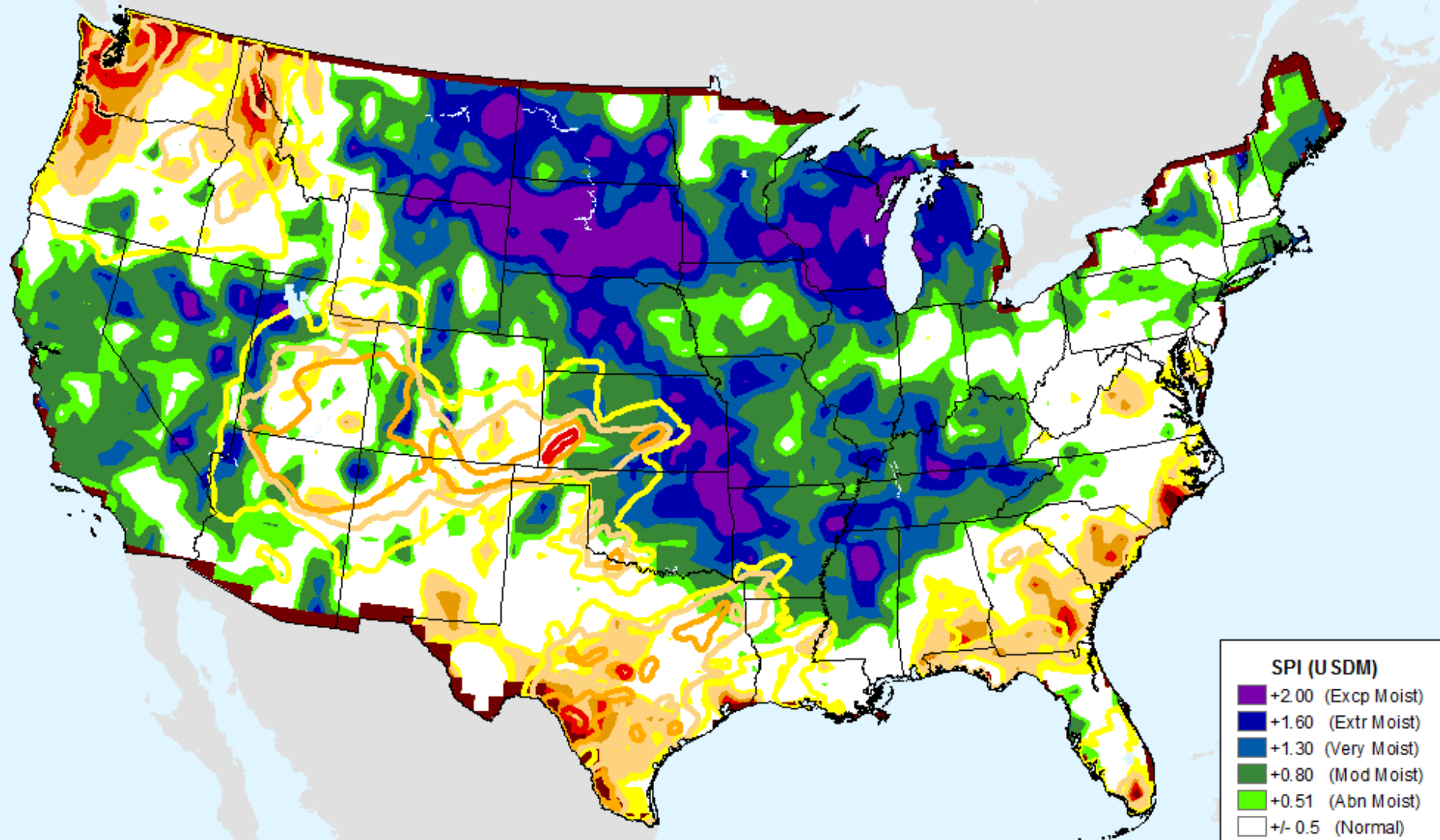
CPC 9-month SPI

As of: Monday, December 23, 2019



CPC 12-month SPI

As of: Monday, December 23, 2019

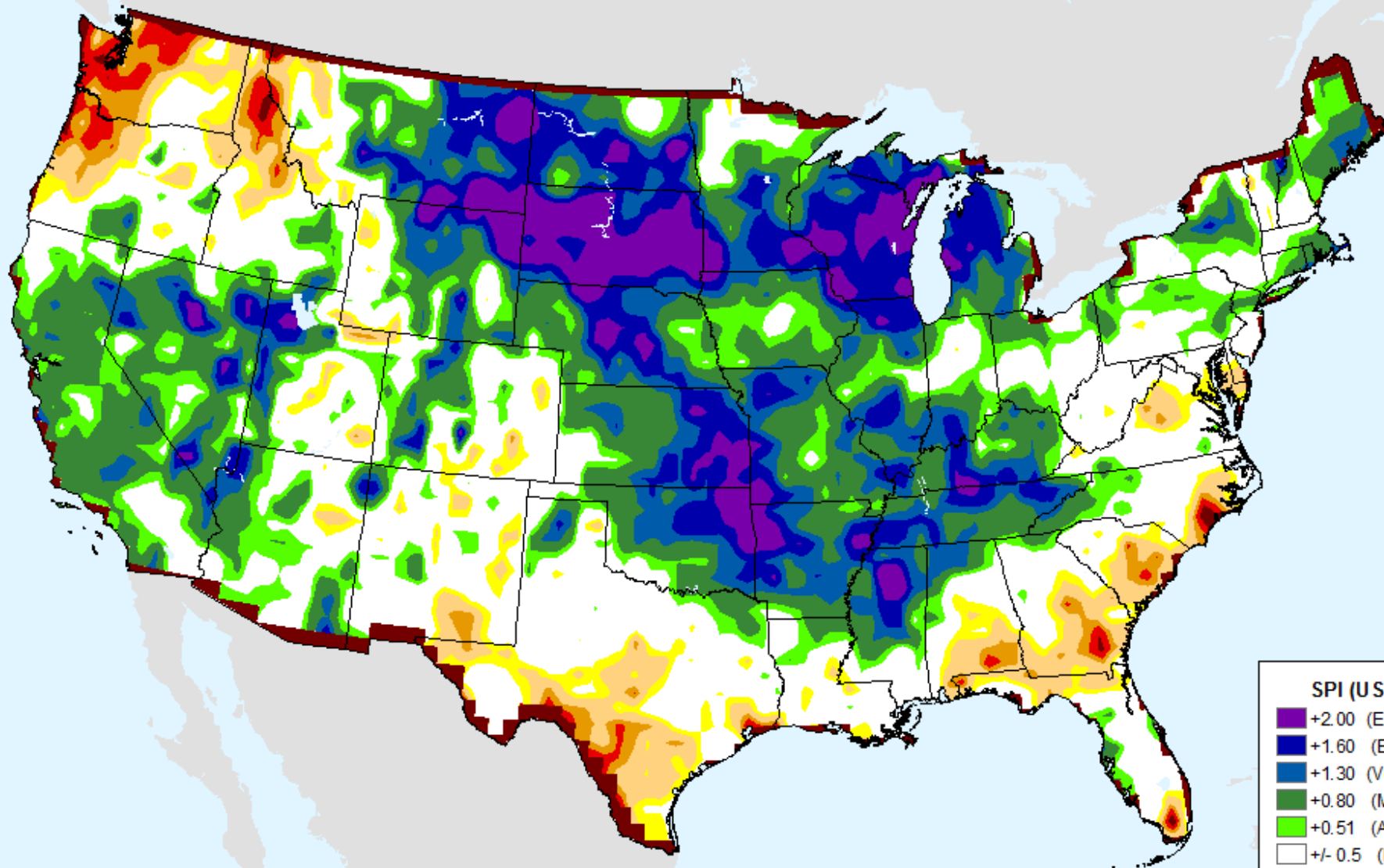


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Orange	-0.80 (D1)
Dark Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Dec. 17, 2019

CPC 12-month SPI

As of: Monday, December 23, 2019

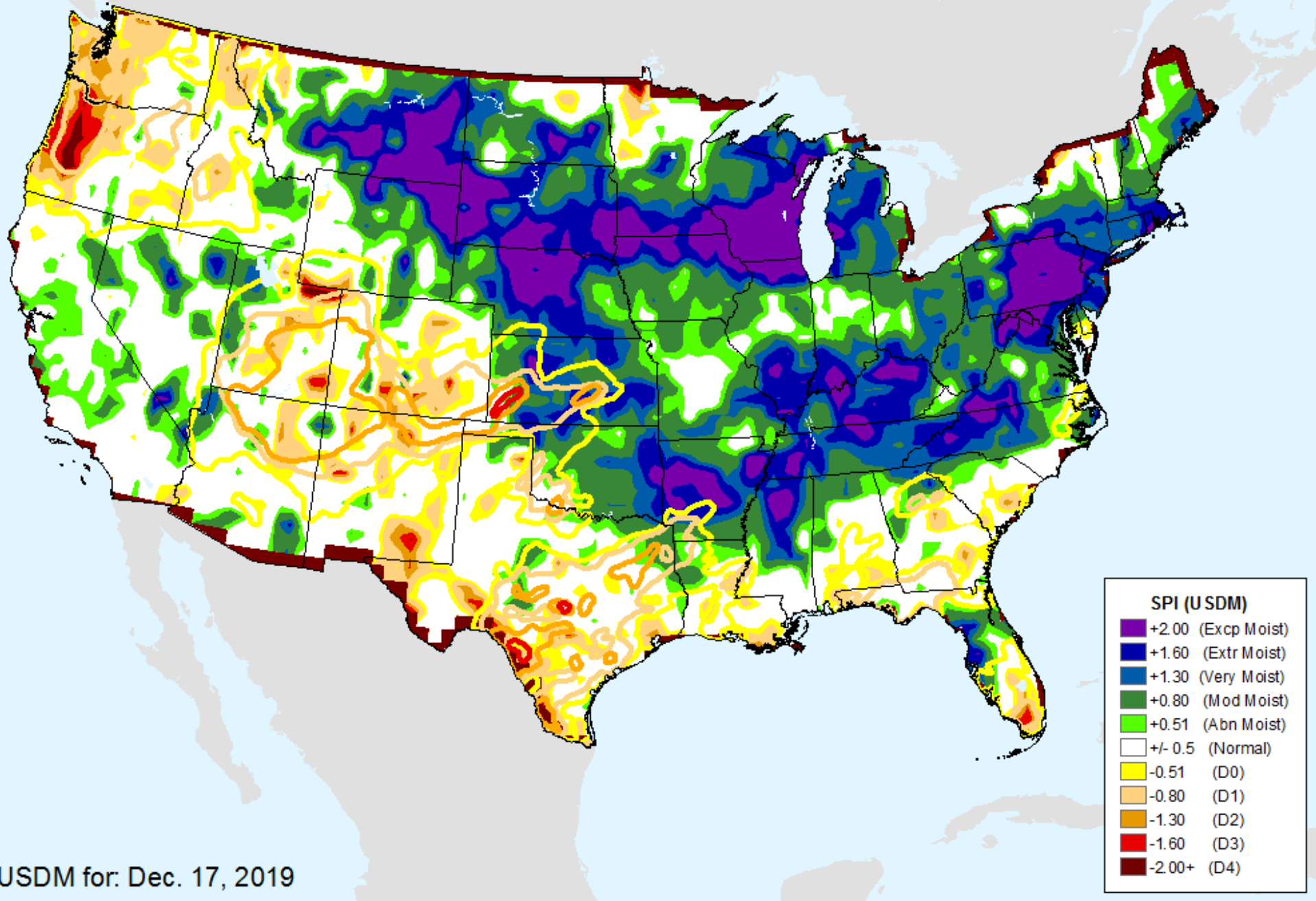


SPI (USDM)

- +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

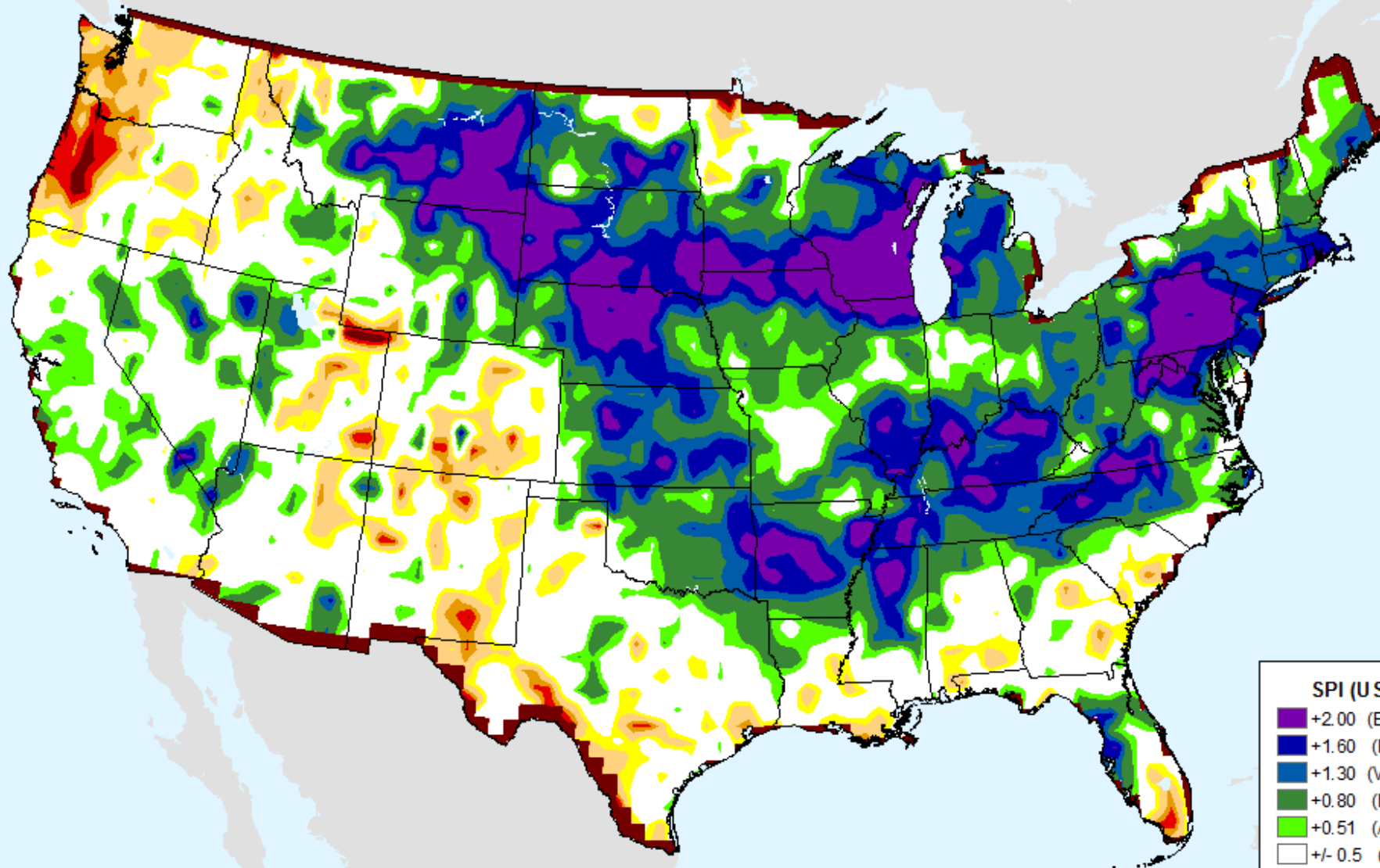
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

CPC 24-month SPI

As of: Monday, December 23, 2019

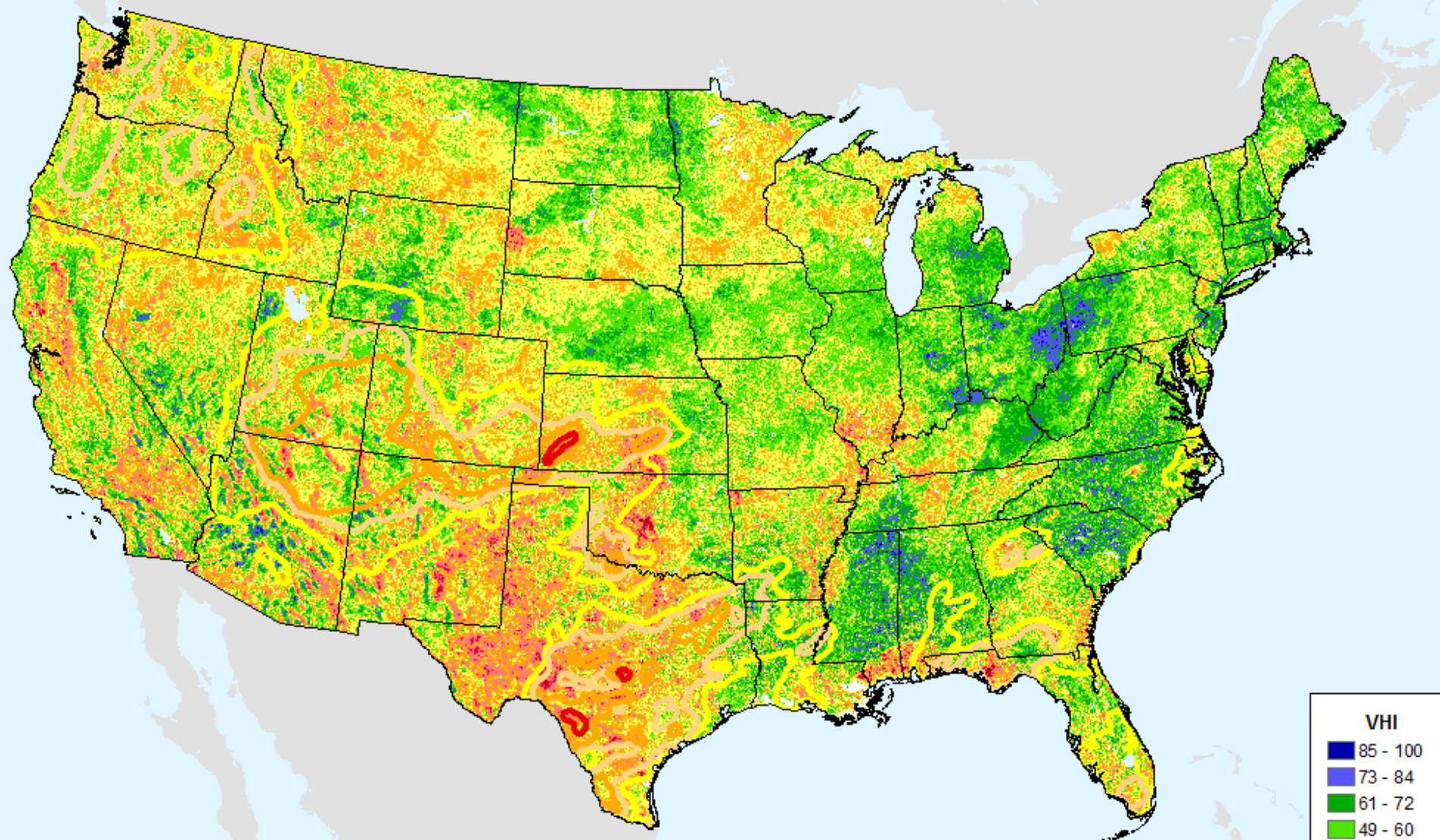


SPI (USDM)

- +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: Monday, December 23, 2019

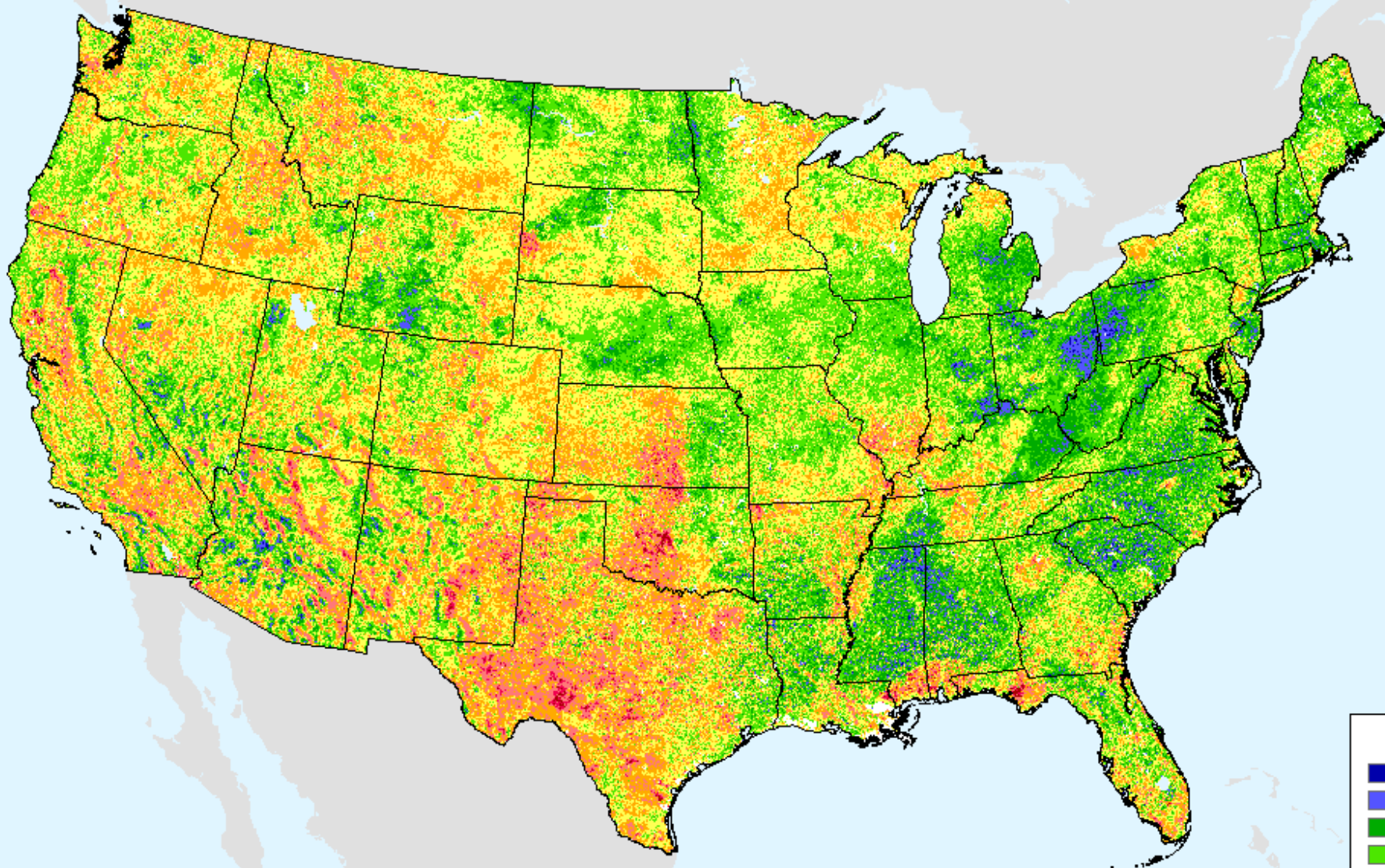


VHI	
85 - 100	Dark Blue
73 - 84	Medium Blue
61 - 72	Green
49 - 60	Light Green
37 - 48	Yellow
25 - 36	Orange
13 - 24	Red
7 - 12	Magenta
1 - 6	Dark Red

USDM for: Dec. 17, 2019

Vegetation Health Index

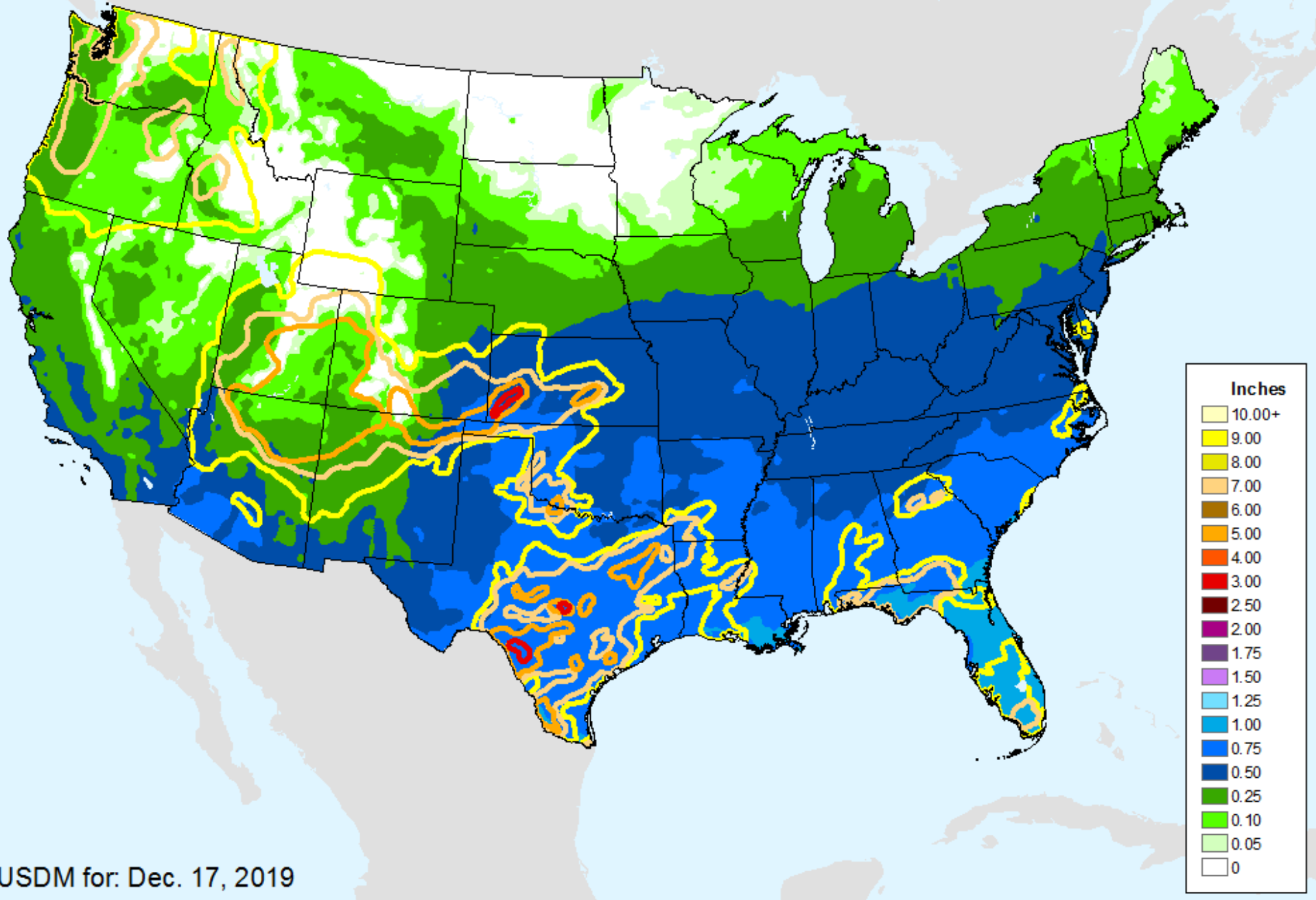
As of: Monday, December 23, 2019



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	Dark Red

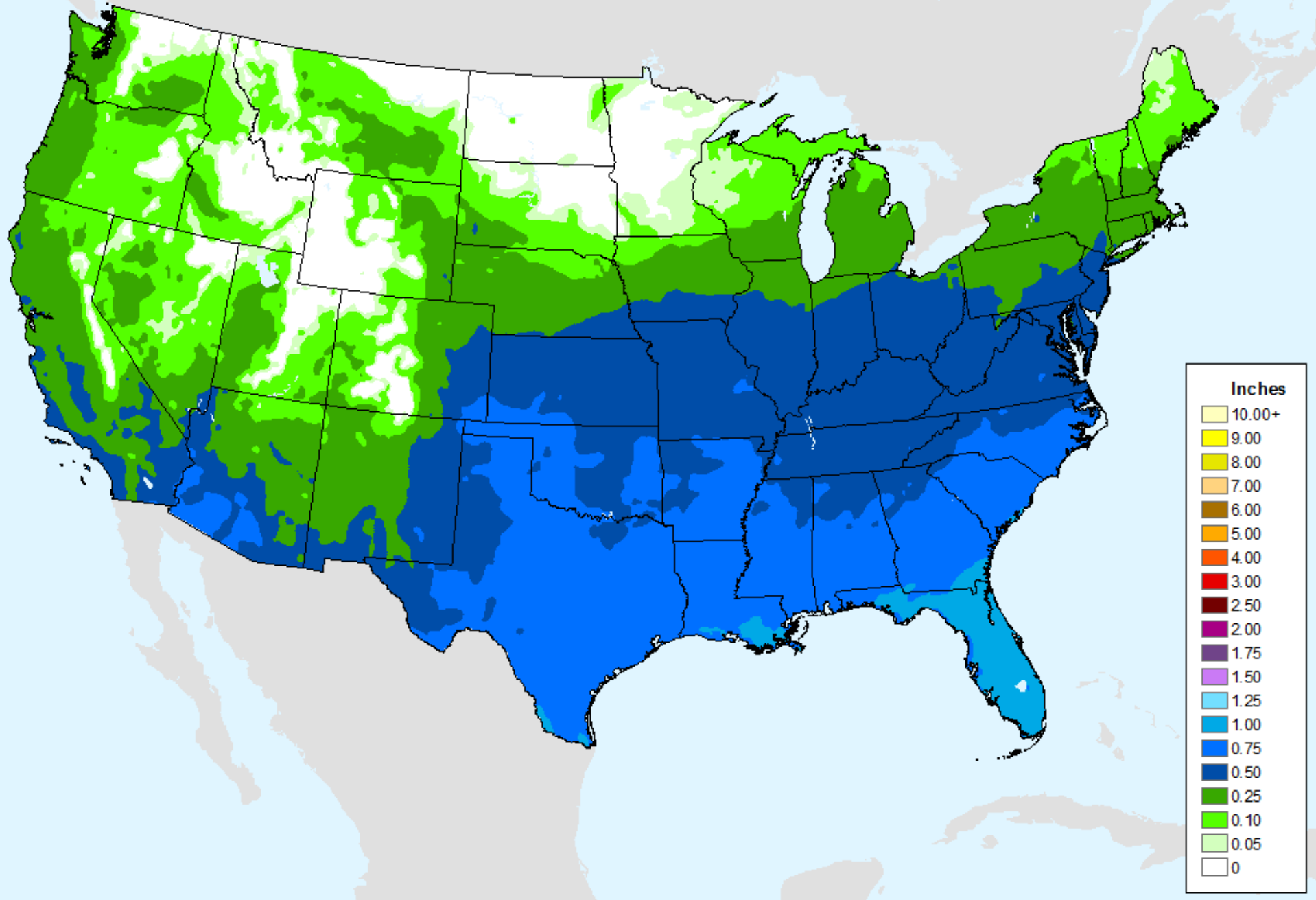
GFS (00z) 7-Day Precip Forecast

As of: Monday, December 23, 2019



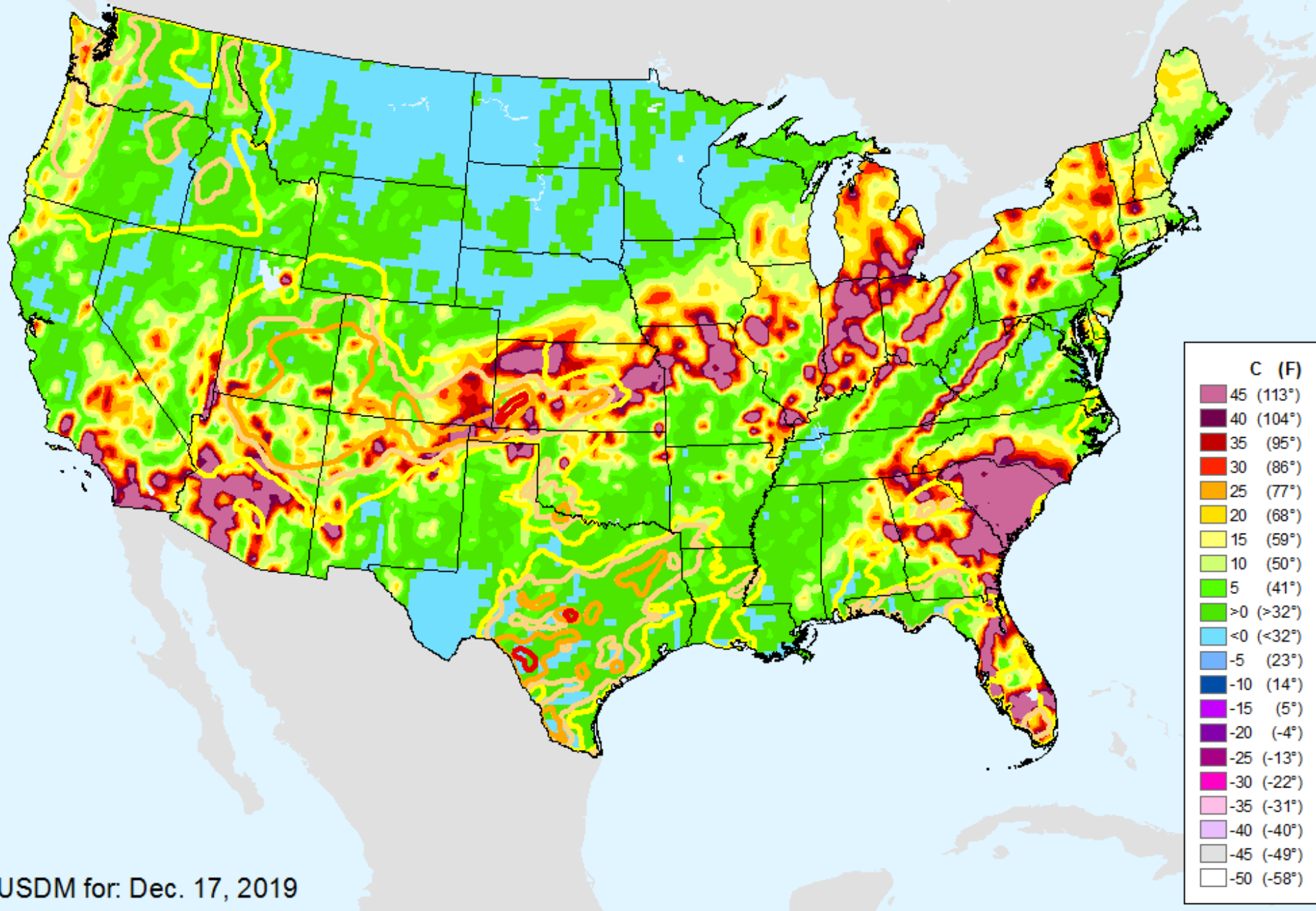
GFS (00z) 7-Day Precip Forecast

As of: Monday, December 23, 2019



GFS (00z) 7-Day Max Temp Forecast

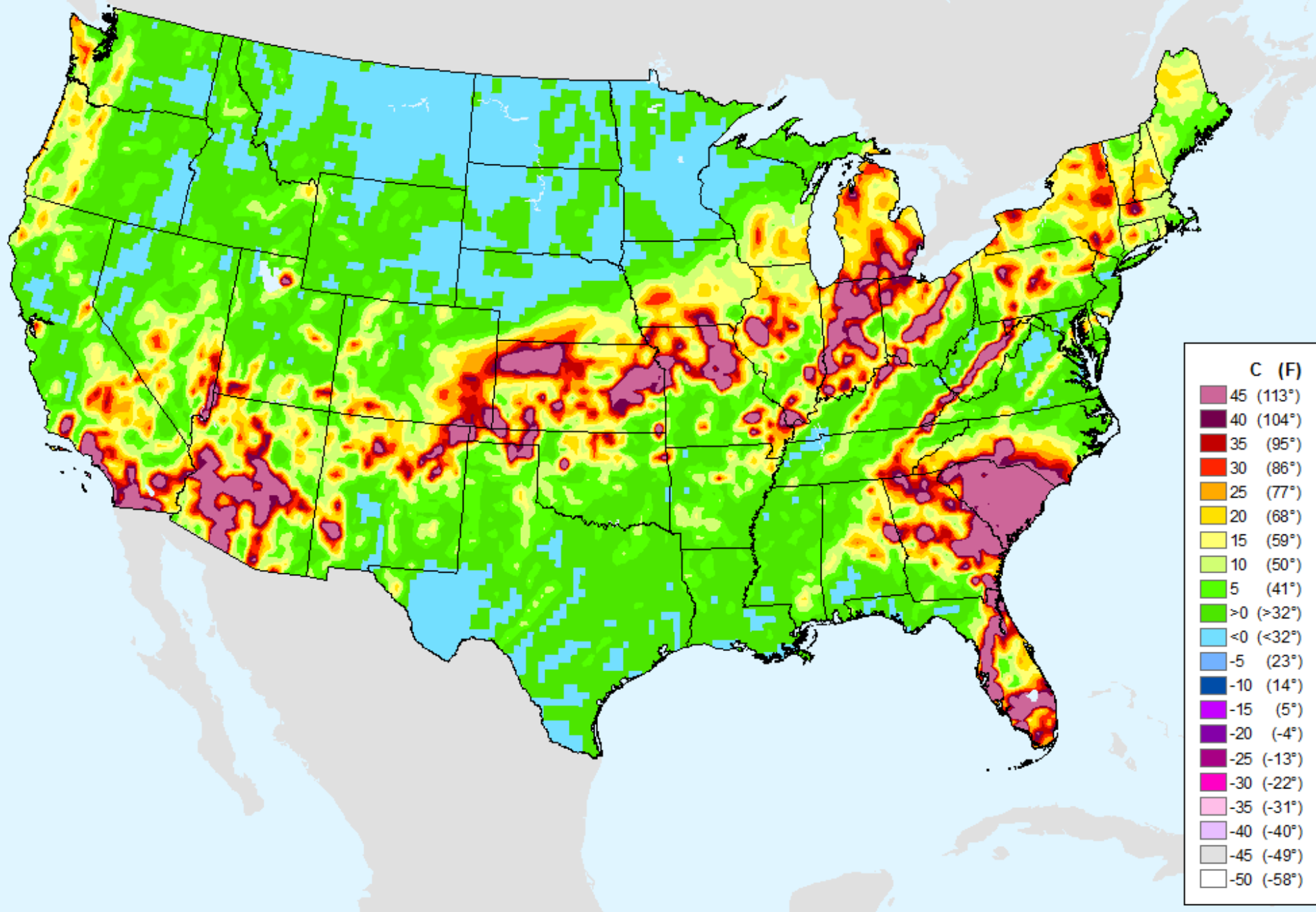
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

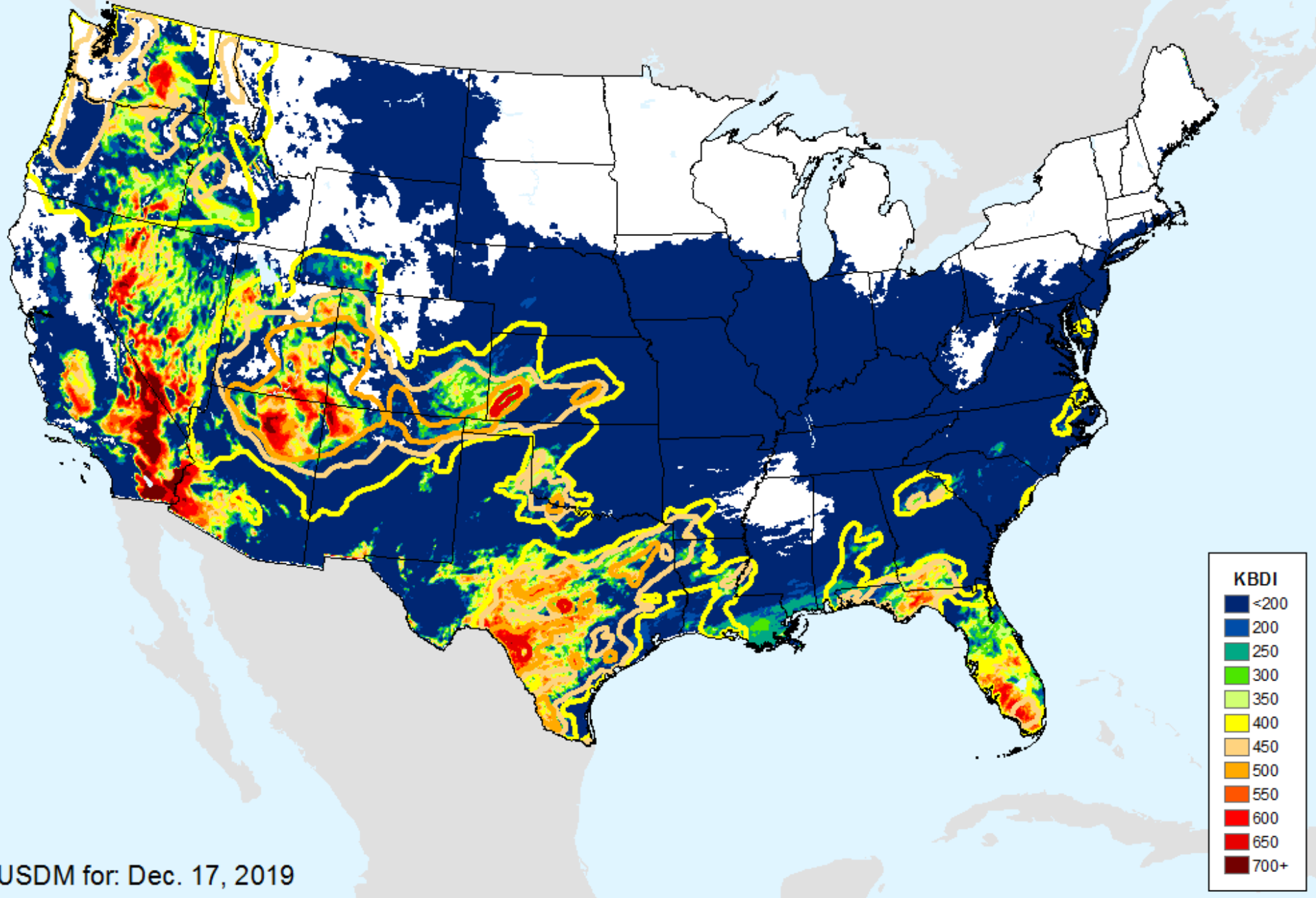
GFS (00z) 7-Day Max Temp Forecast

As of: Monday, December 23, 2019



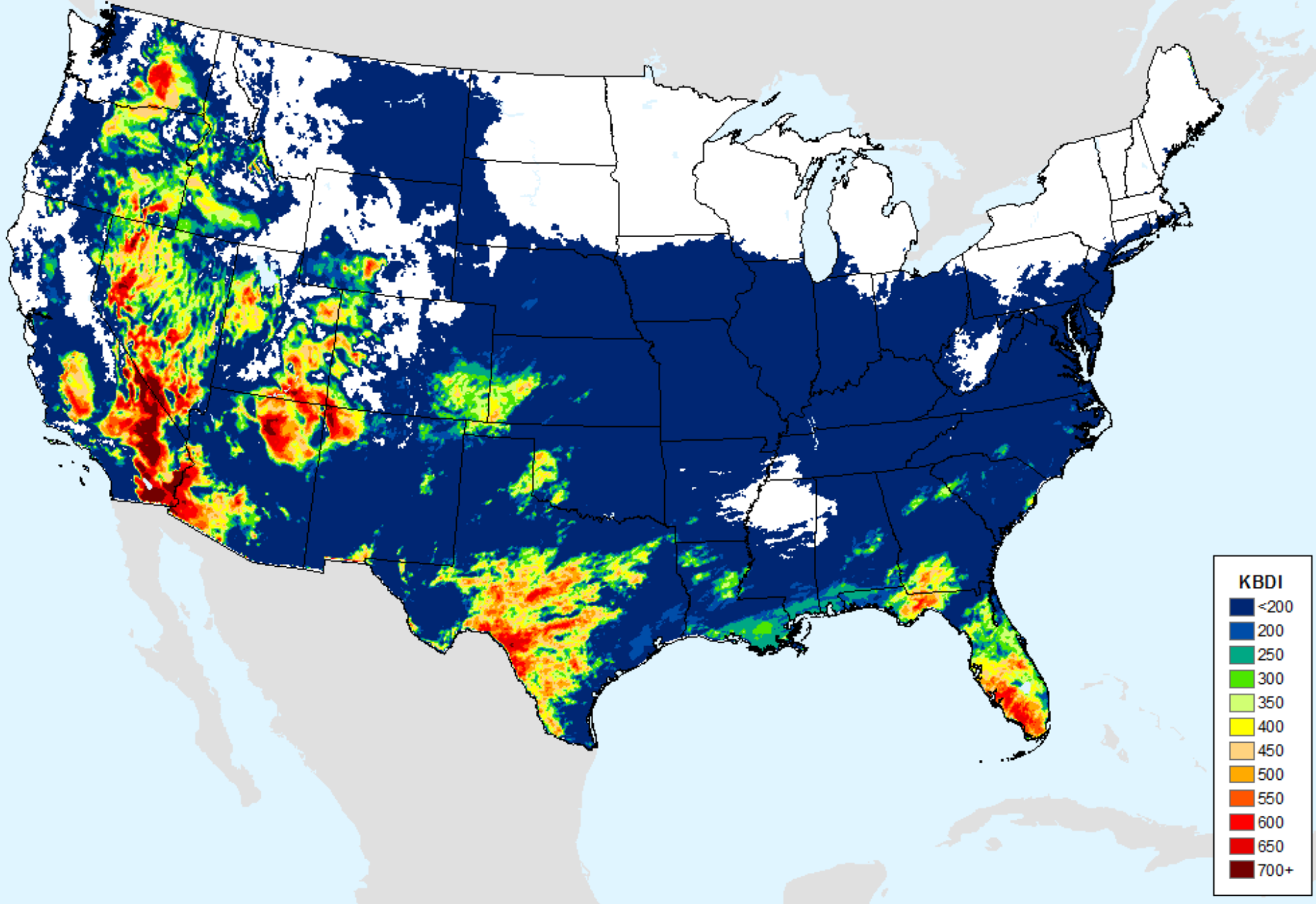
Keetch-Byram Drought Index (KBDI)

As of: Monday, December 23, 2019



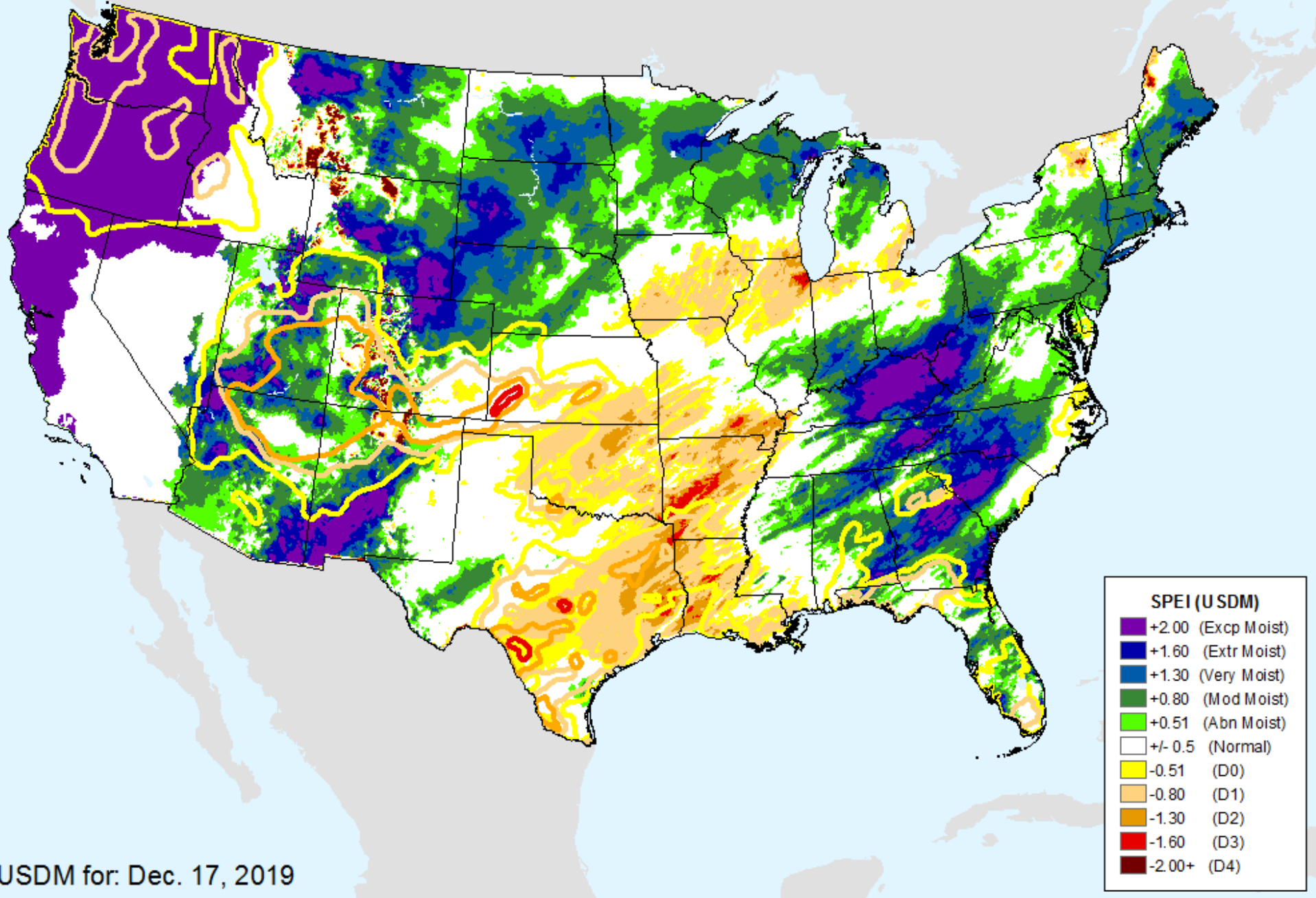
Keetch-Byram Drought Index (KBDI)

As of: Monday, December 23, 2019



AHPS 1-month SPEI

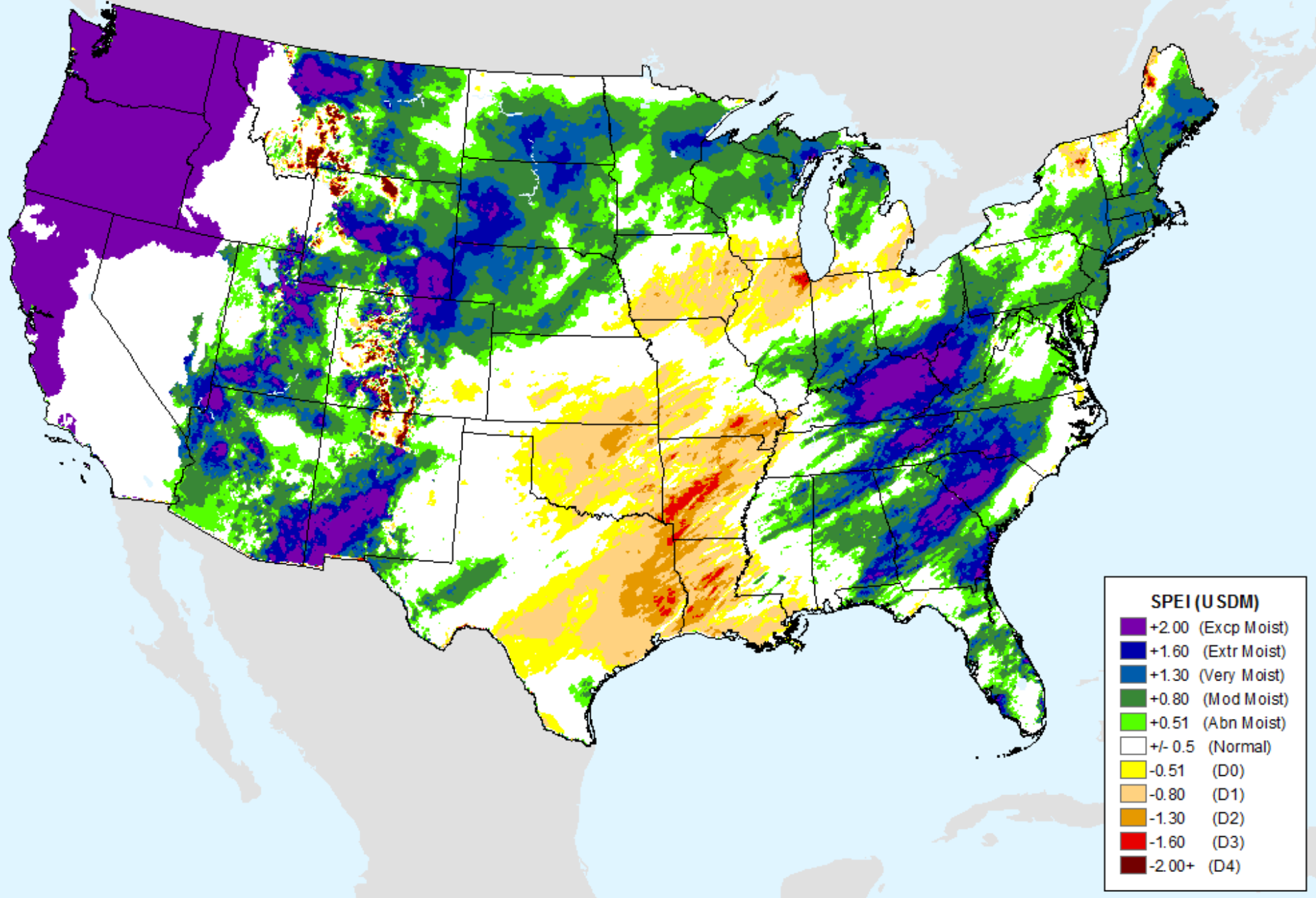
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

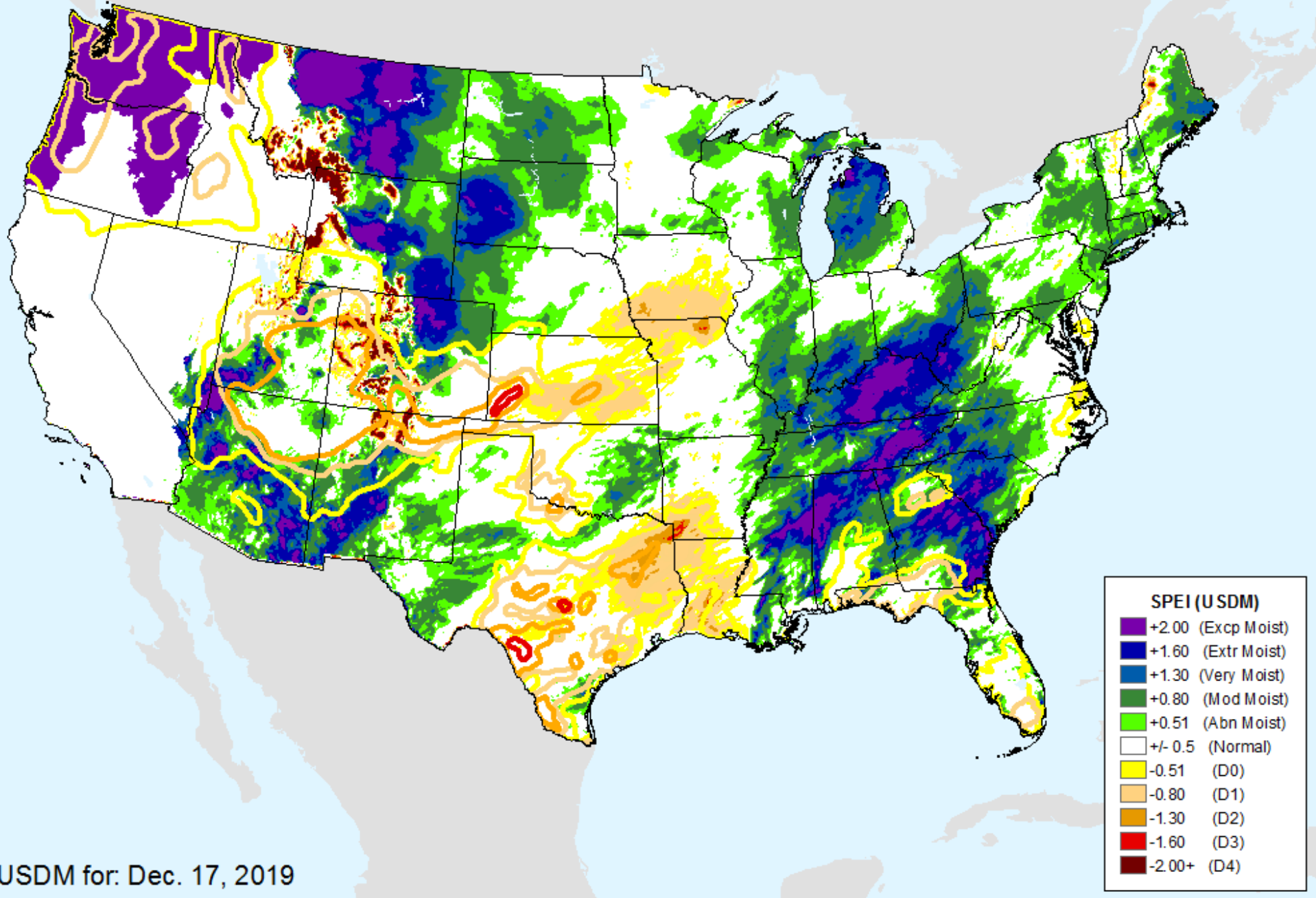
AHPS 1-month SPEI

As of: Monday, December 23, 2019



AHPS 2-month SPEI

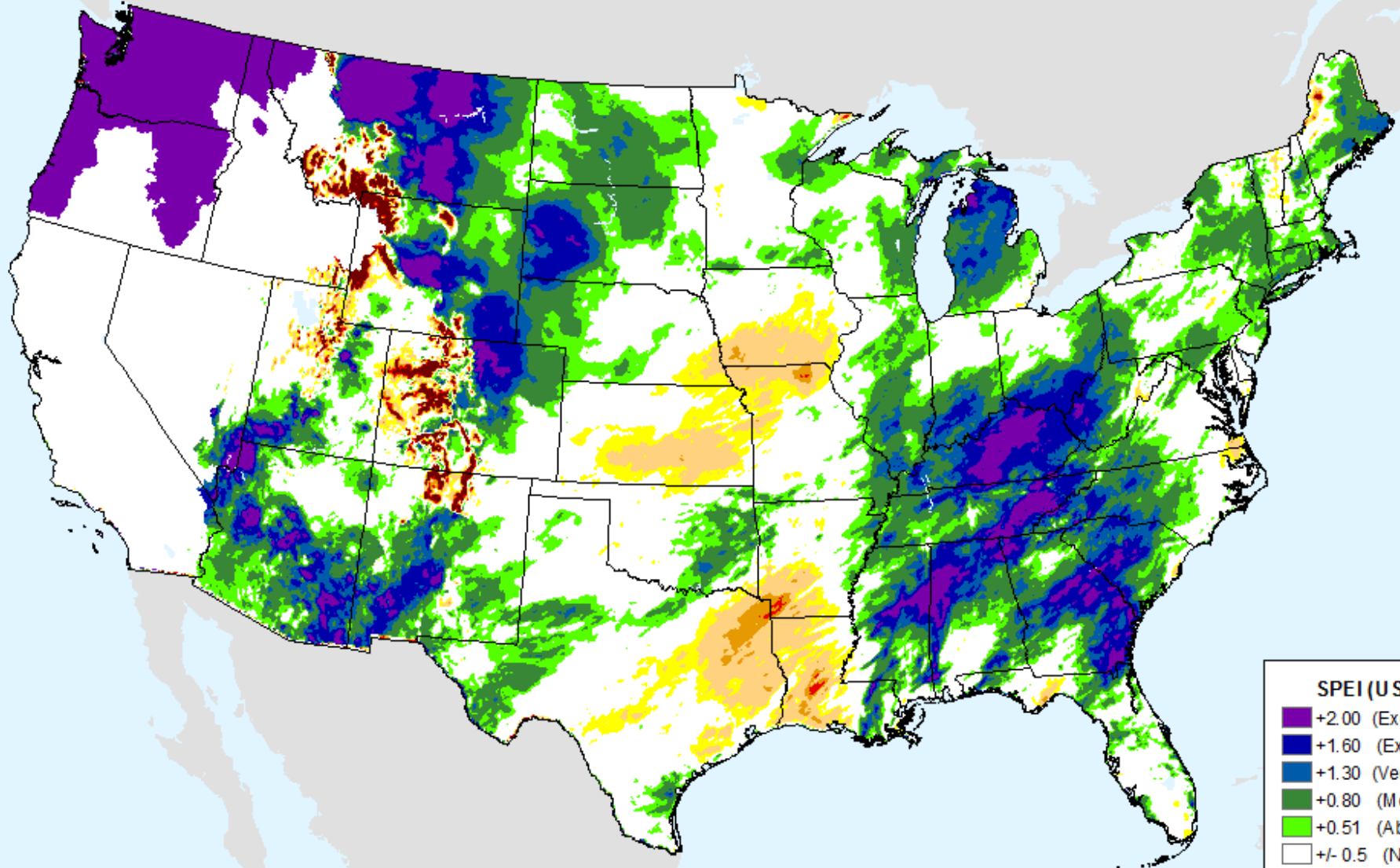
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

AHPS 2-month SPEI

As of: Monday, December 23, 2019

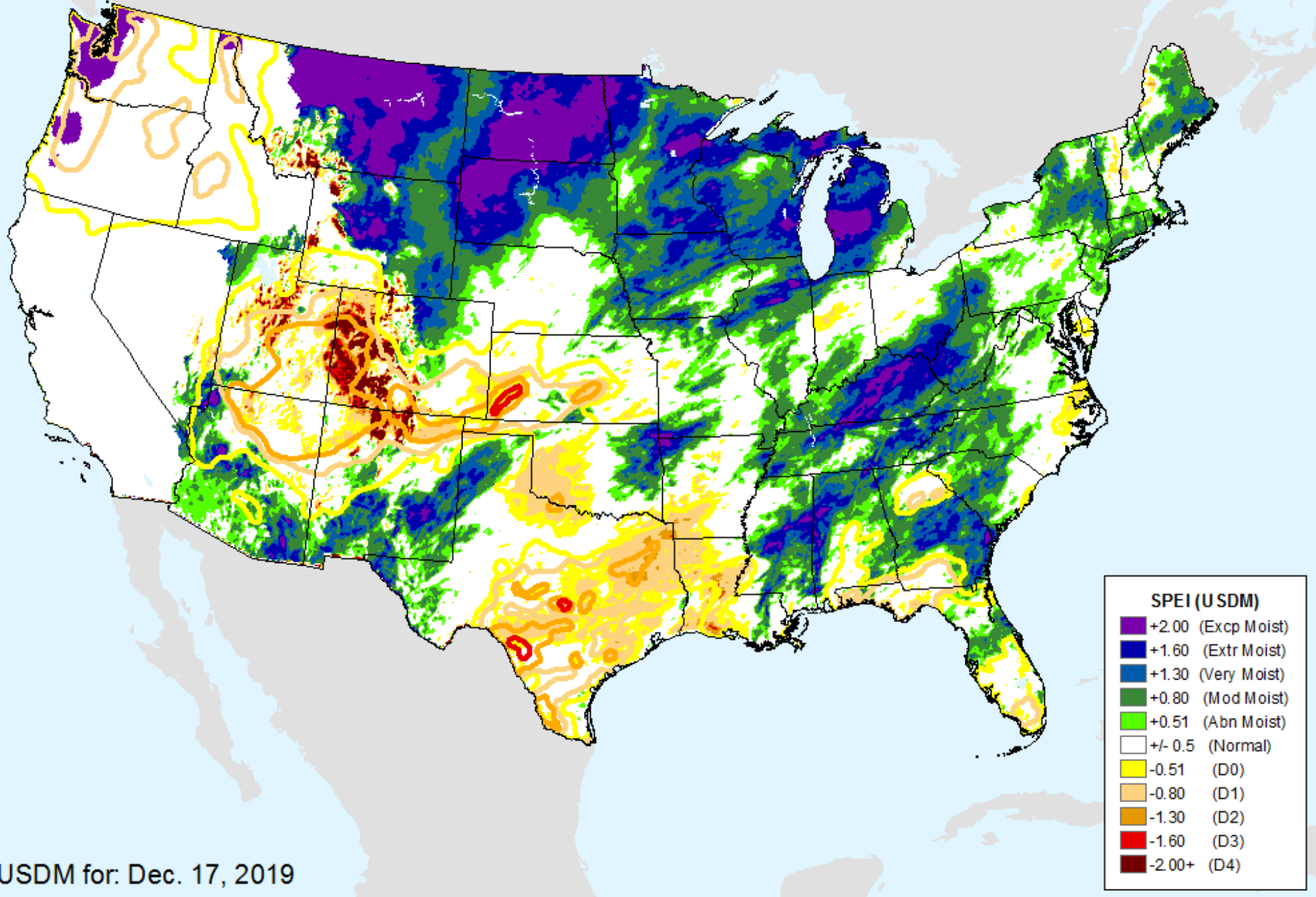


SPEI (USDM)

- +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 3-month SPEI

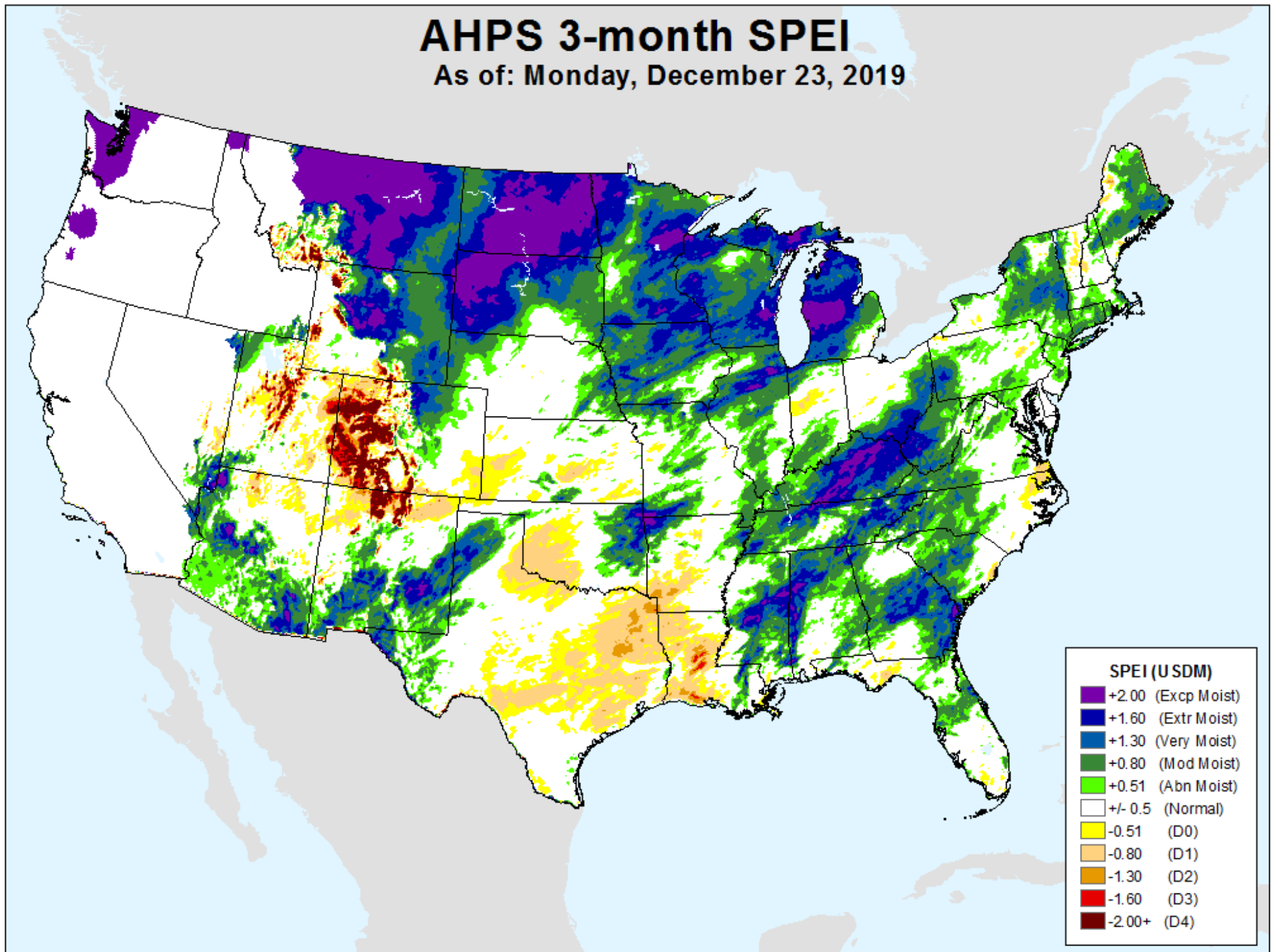
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

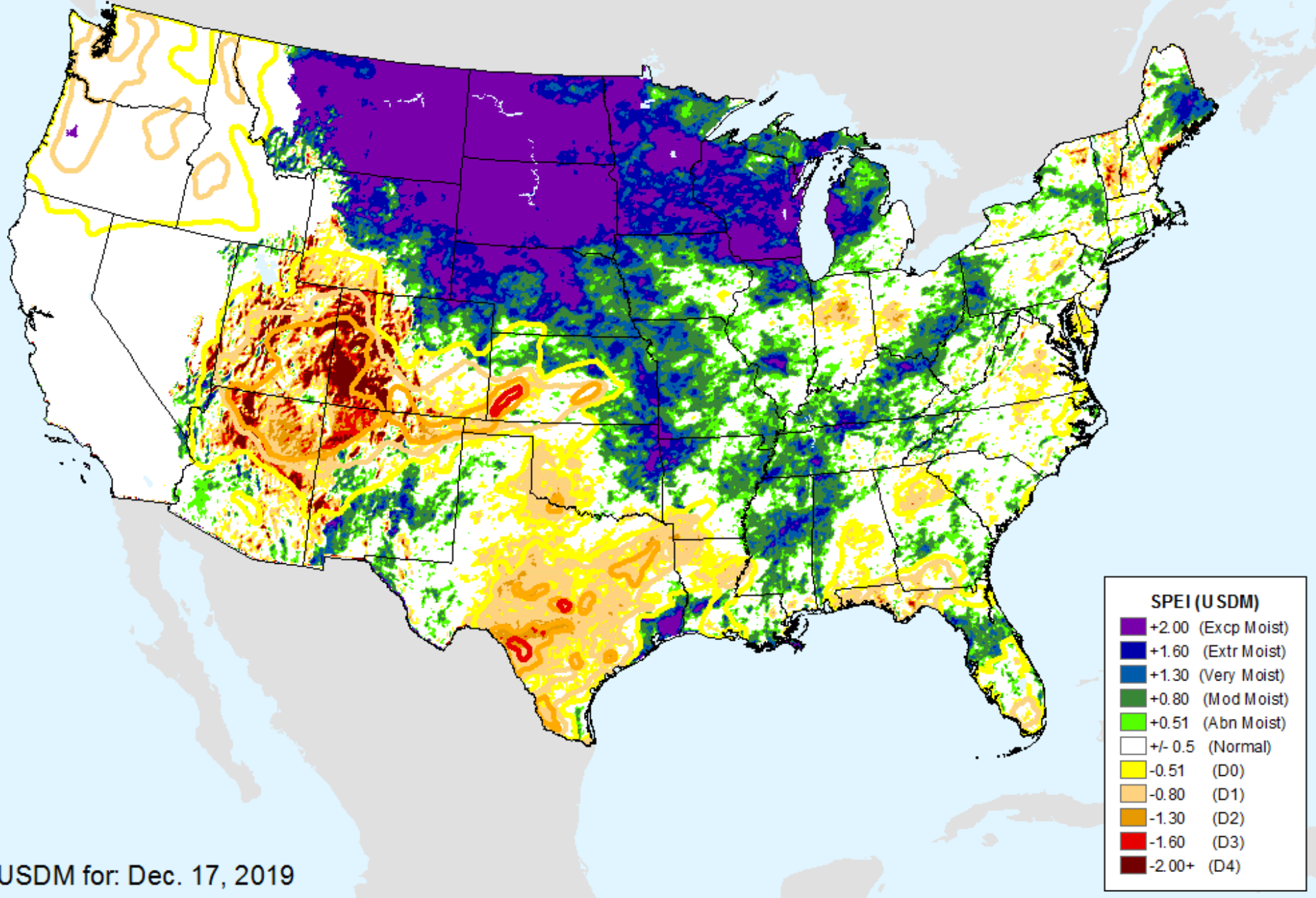
AHPS 3-month SPEI

As of: Monday, December 23, 2019



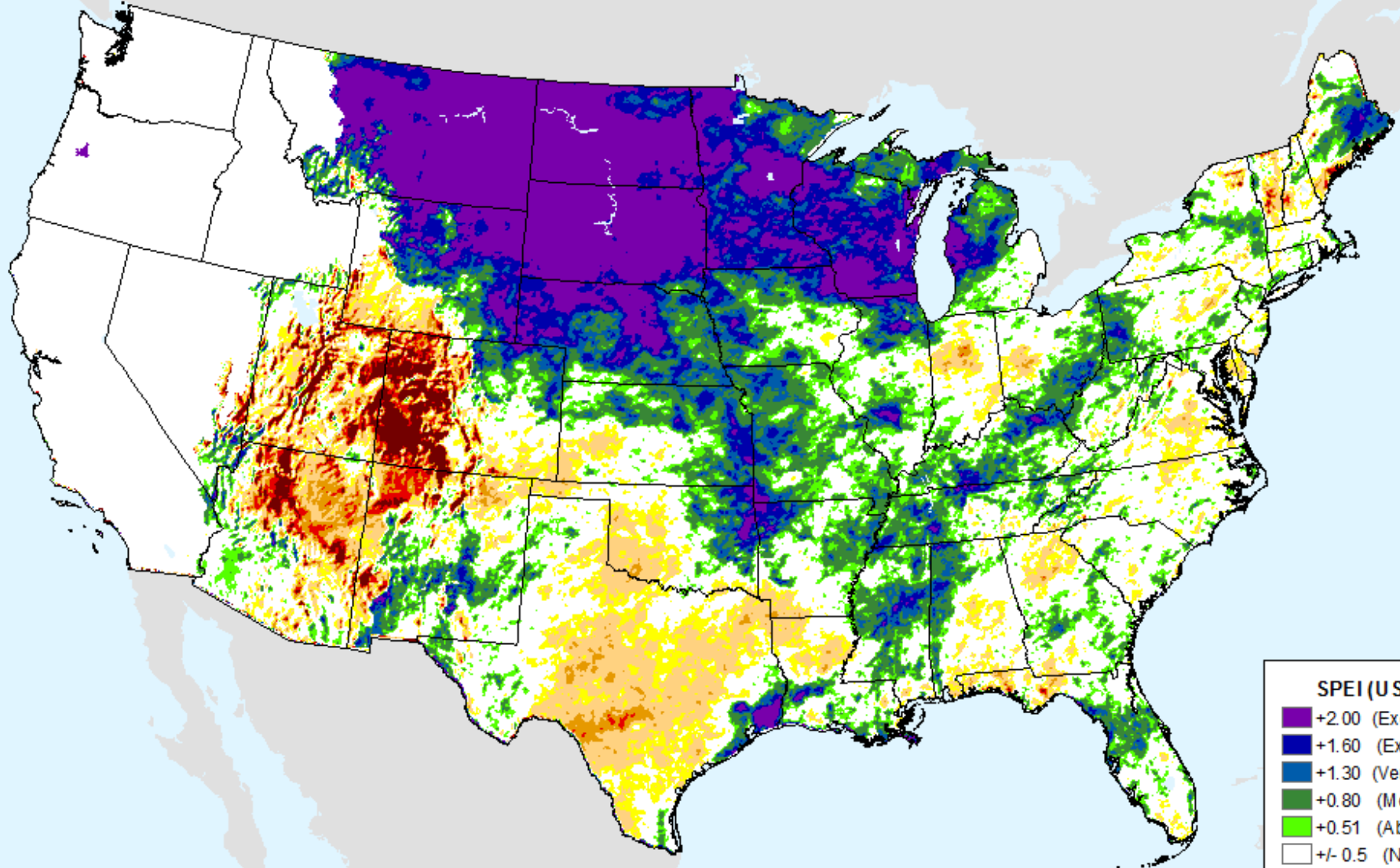
AHPS 6-month SPEI

As of: Monday, December 23, 2019



AHPS 6-month SPEI

As of: Monday, December 23, 2019

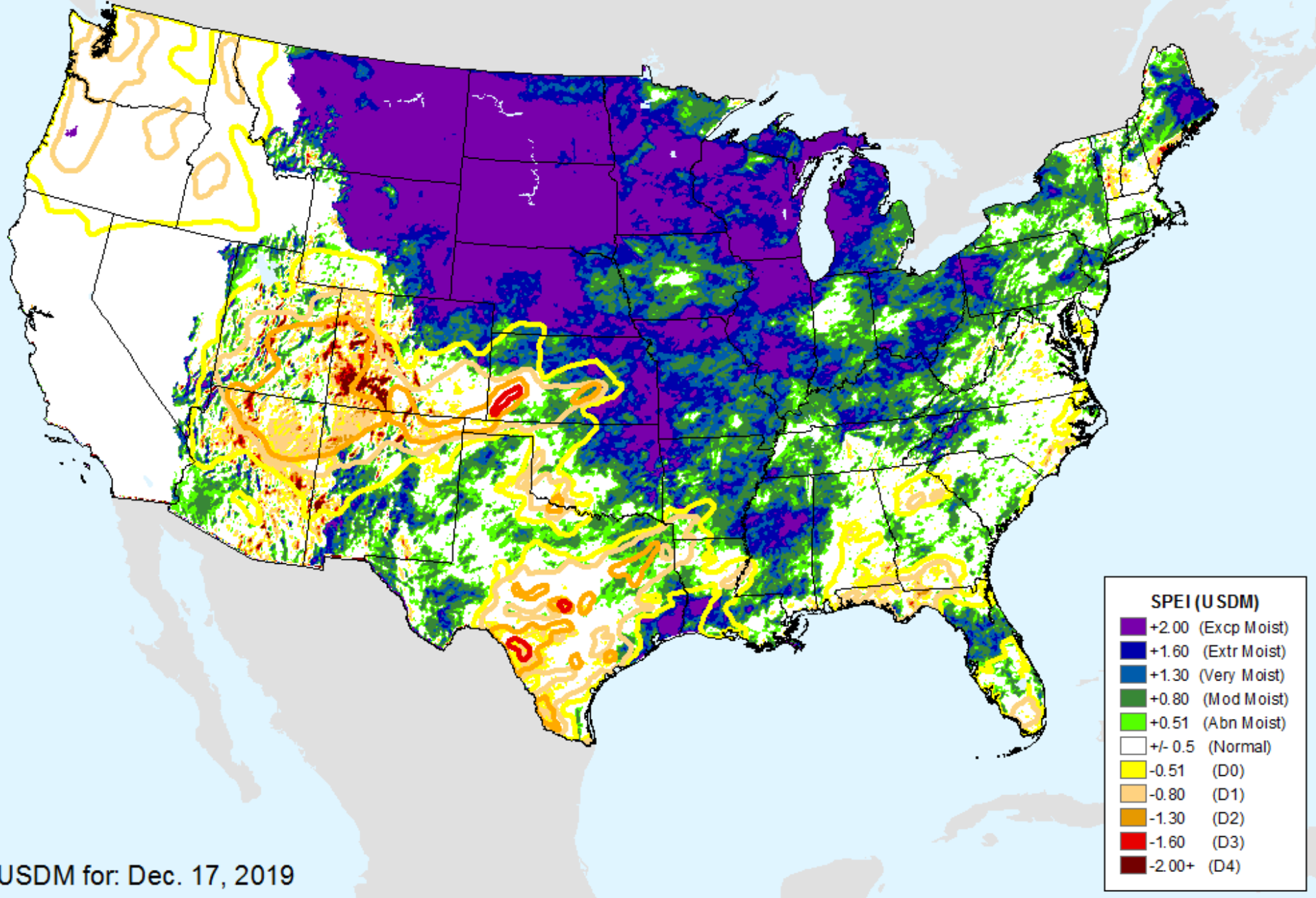


SPEI (USDM)

- +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)

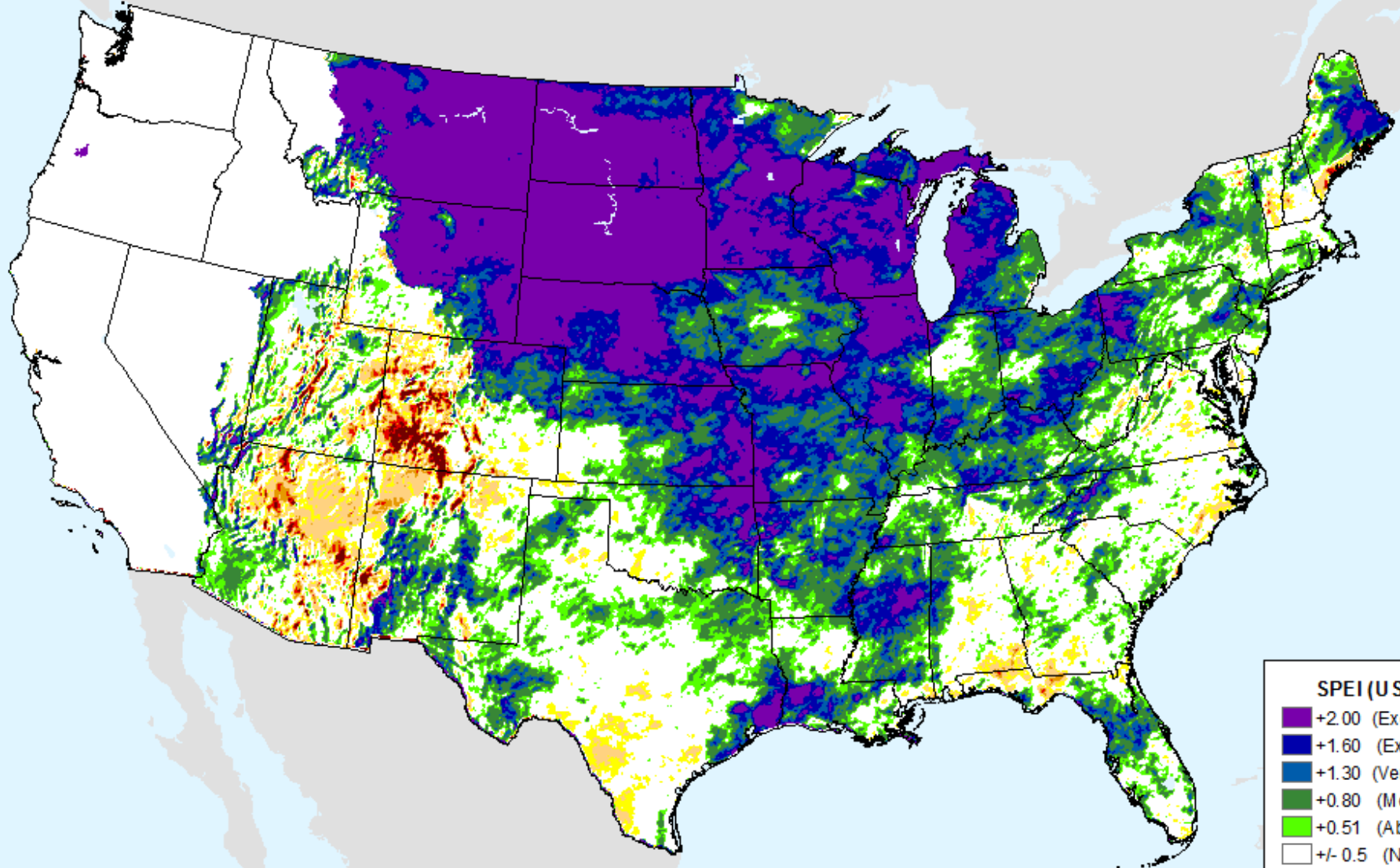
AHPS 9-month SPEI

As of: Monday, December 23, 2019



AHPS 9-month SPEI

As of: Monday, December 23, 2019

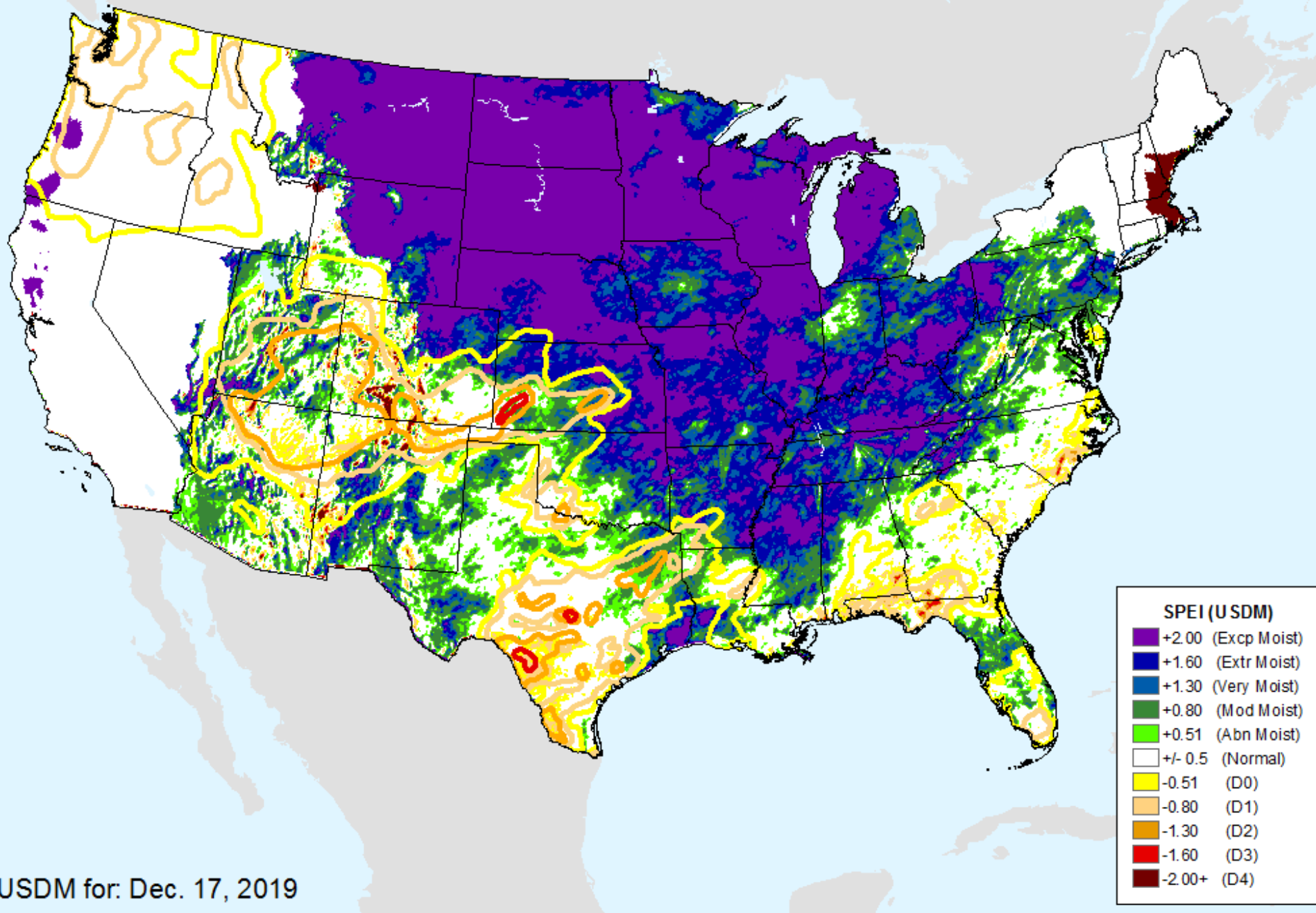


SPEI (USDM)

- +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 12-month SPEI

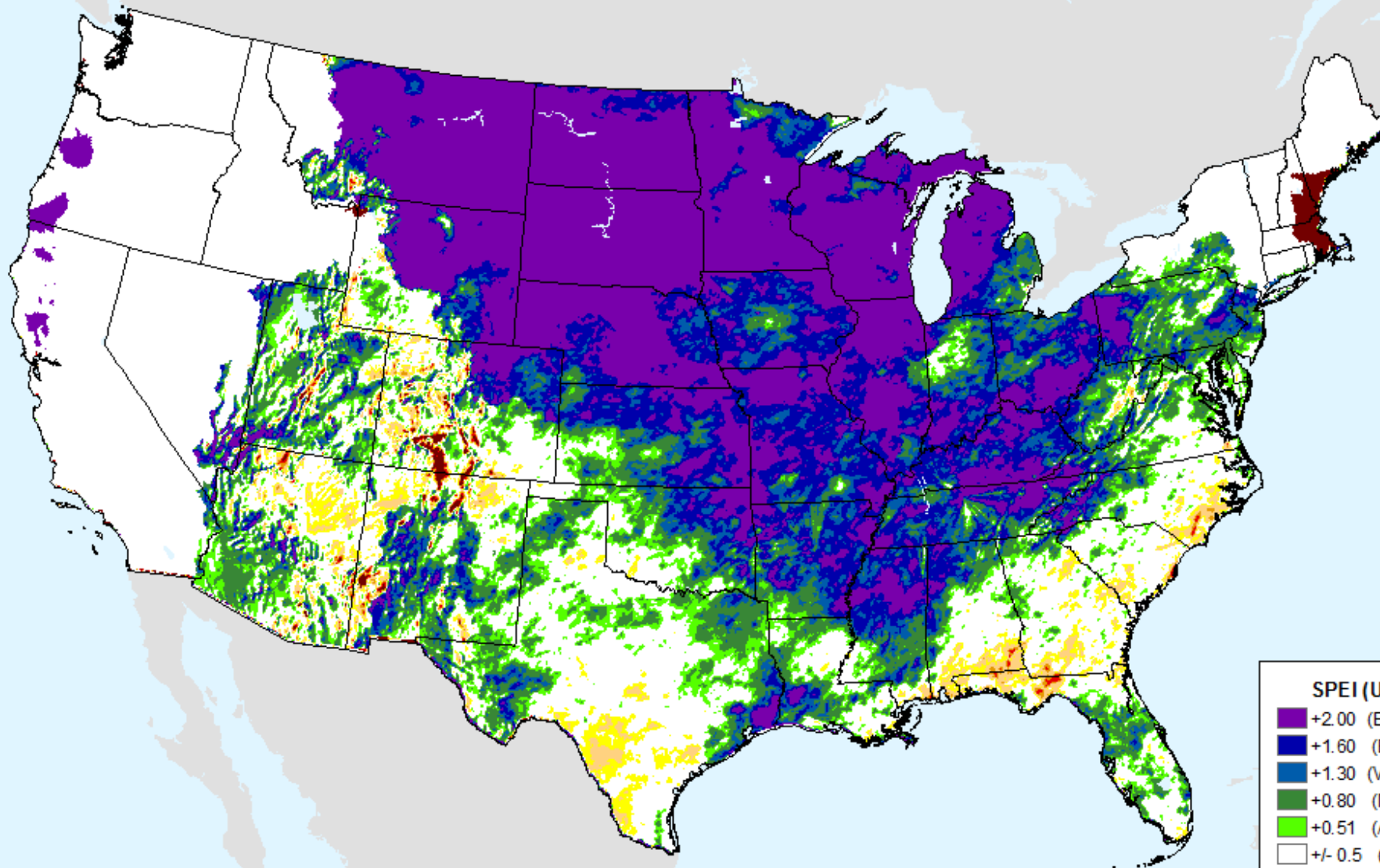
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

AHPS 12-month SPEI

As of: Monday, December 23, 2019

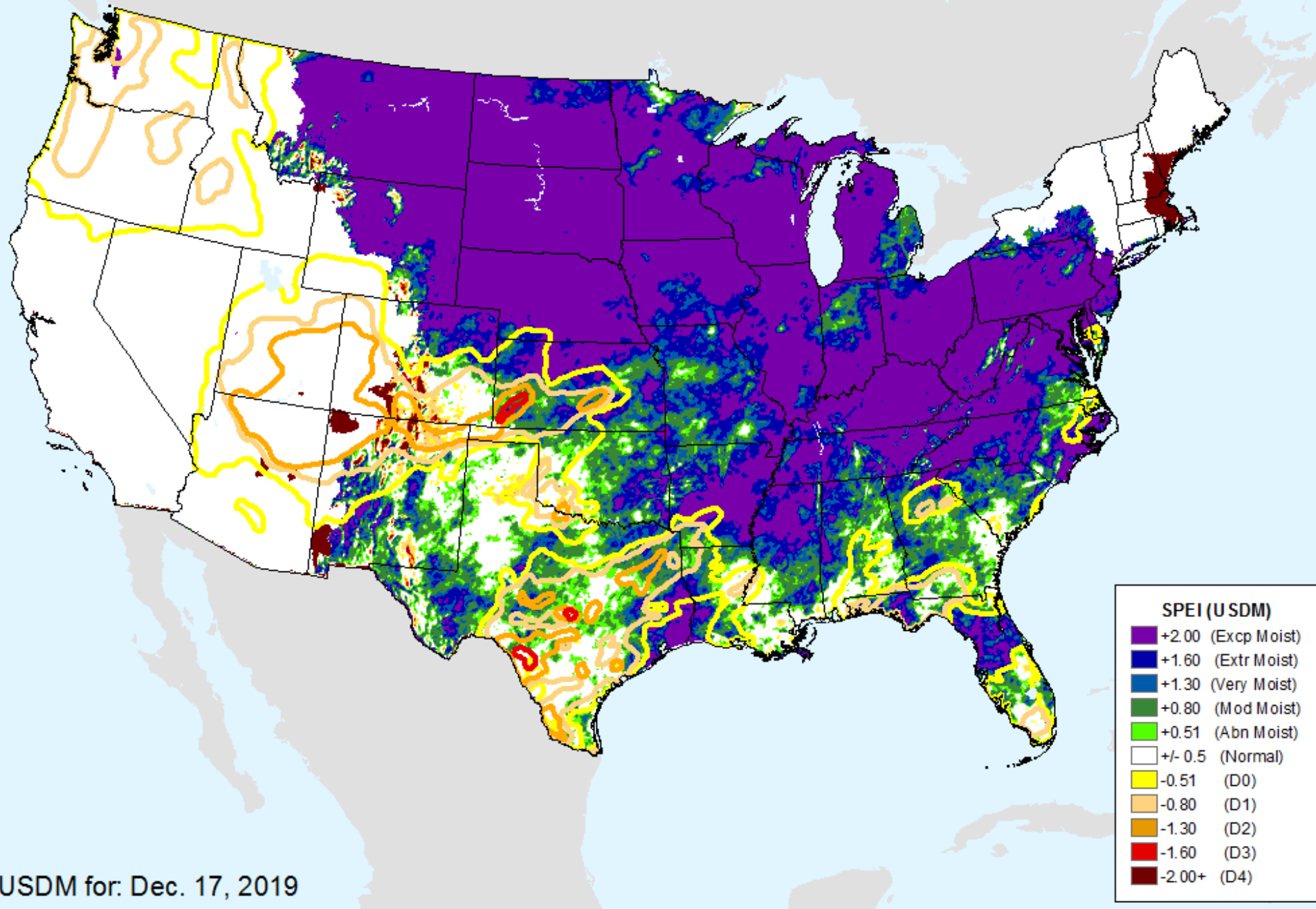


SPEI (USDM)

- +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

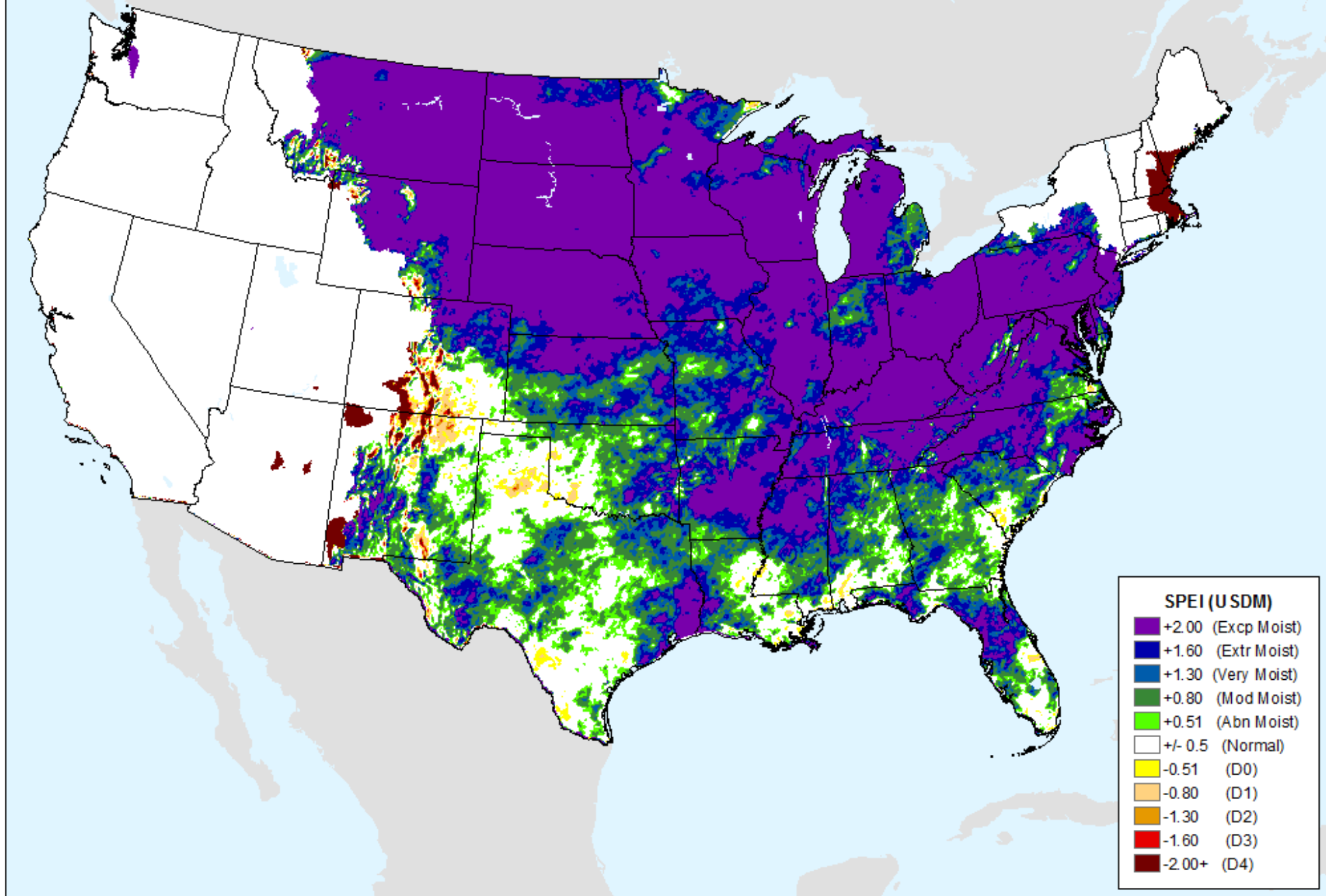
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

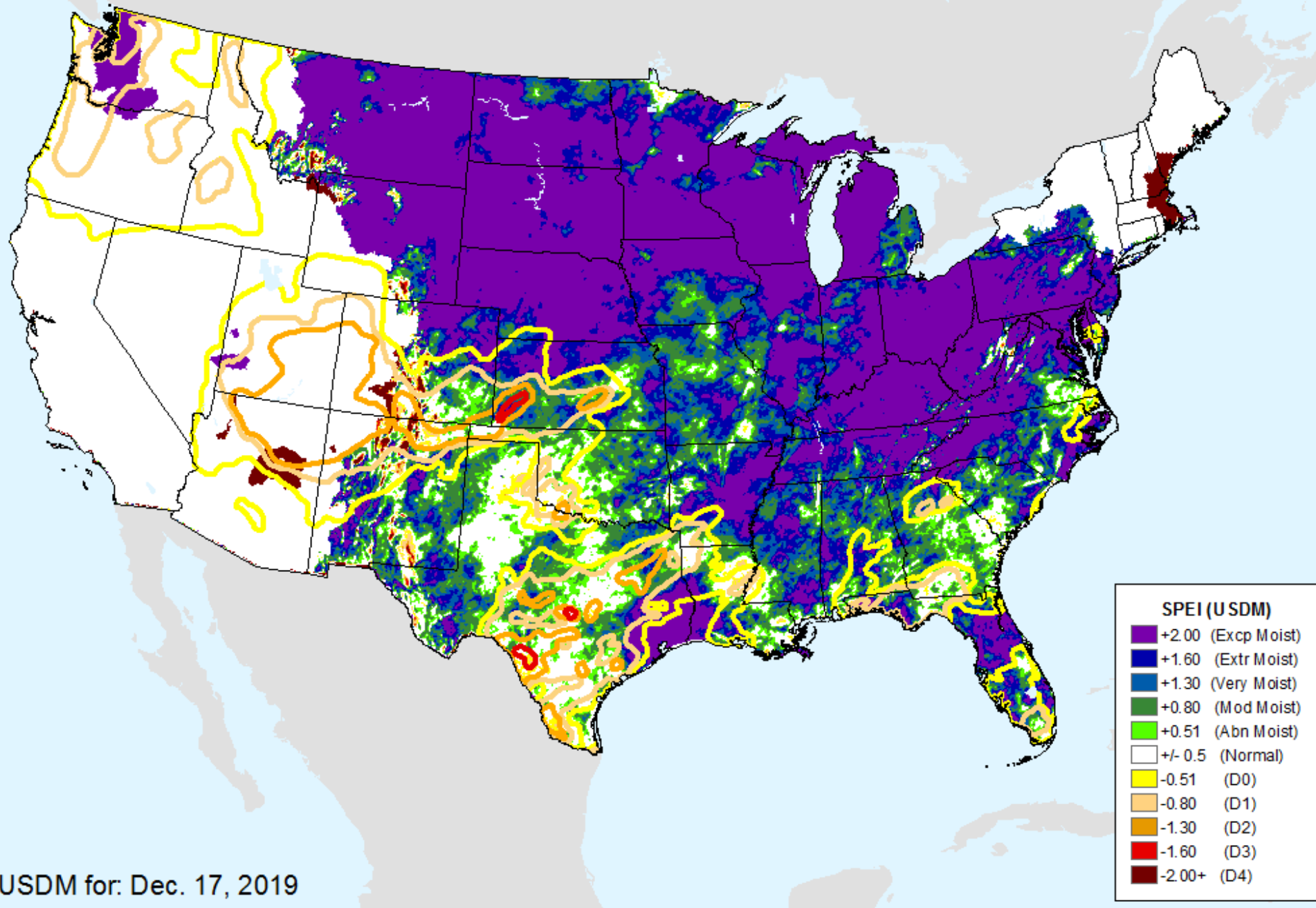
AHPS 24-month SPEI

As of: Monday, December 23, 2019



AHPS 36-month SPEI

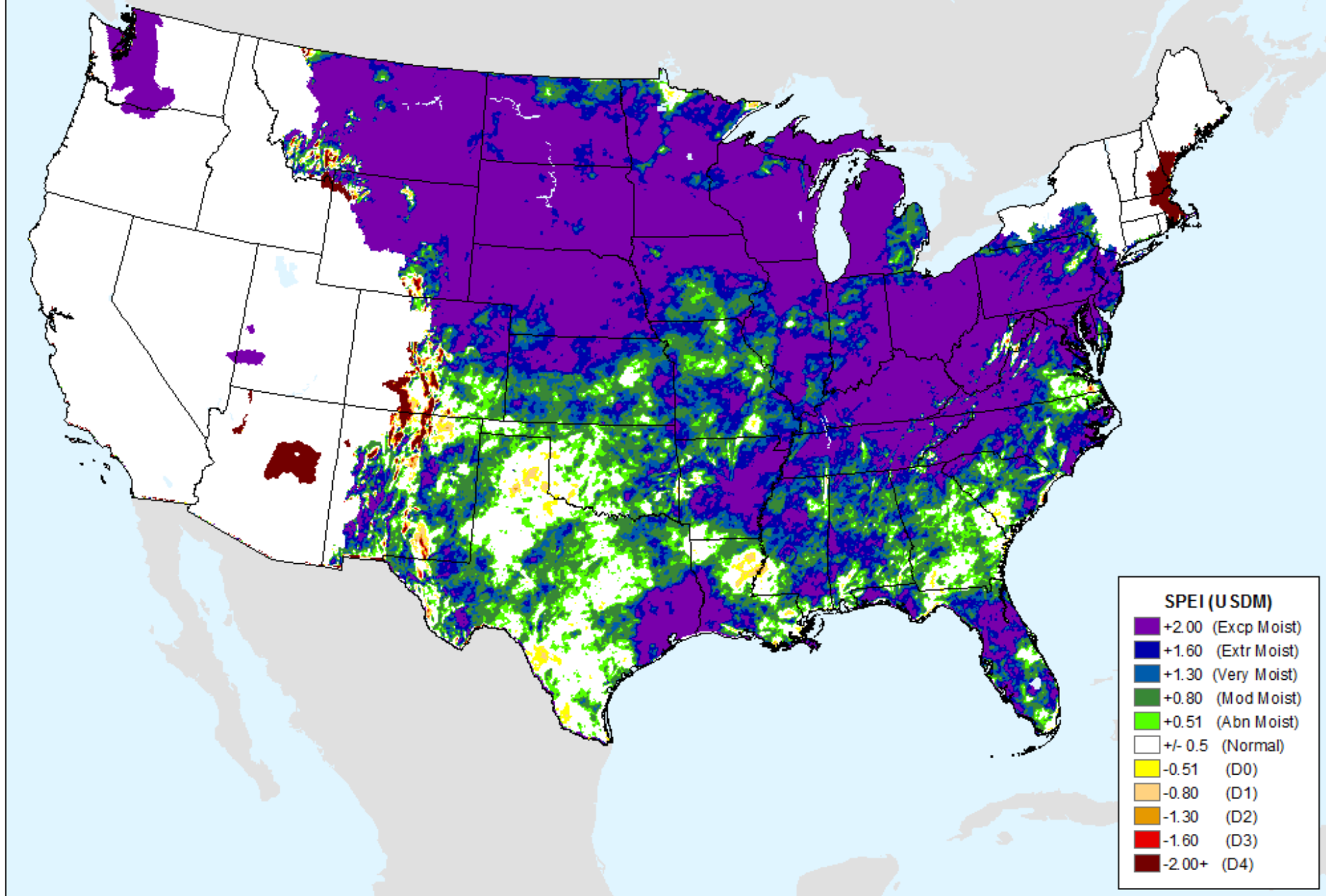
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

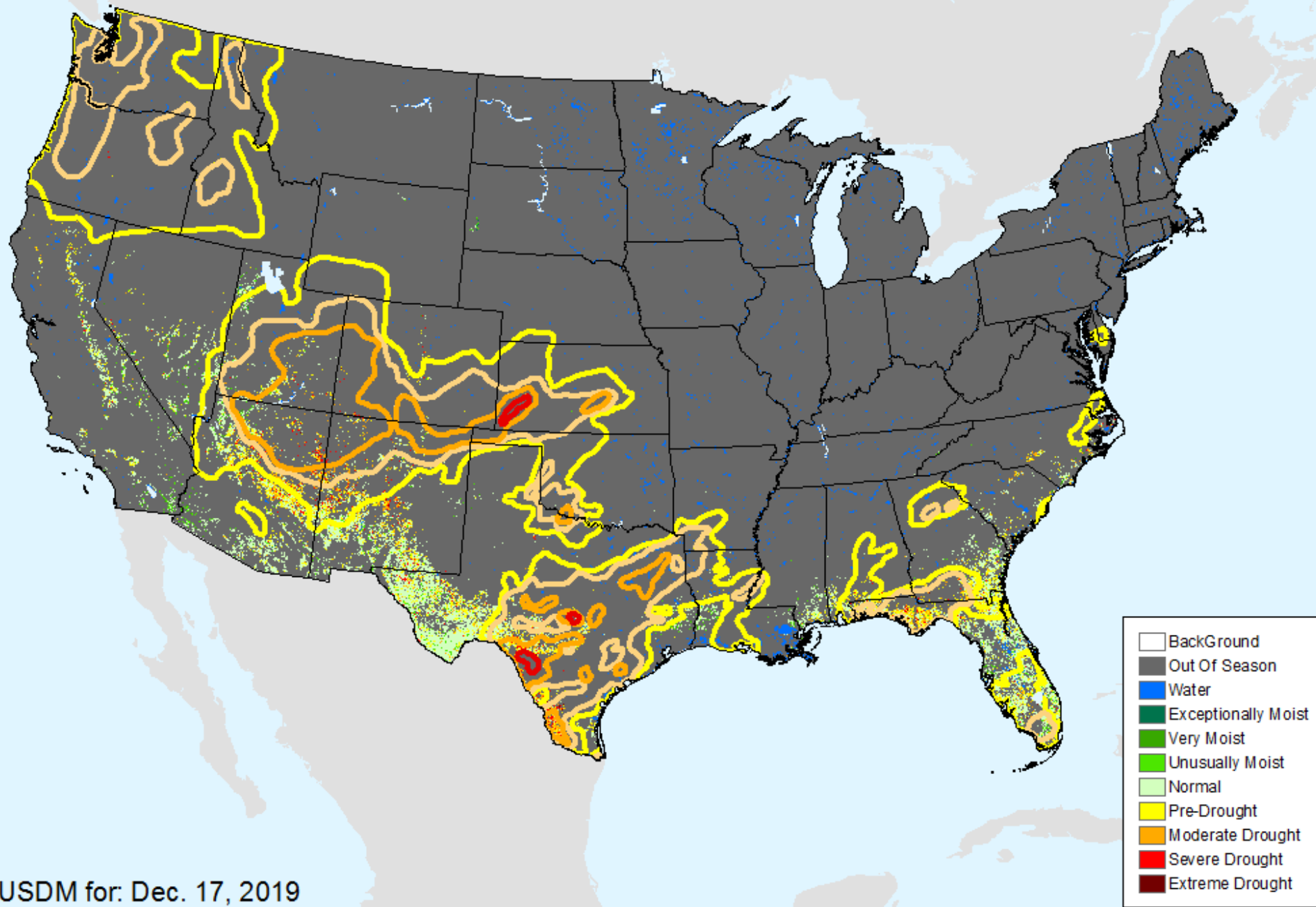
AHPS 36-month SPEI

As of: Monday, December 23, 2019



Vegetation Drought Response Index (VegDRI)

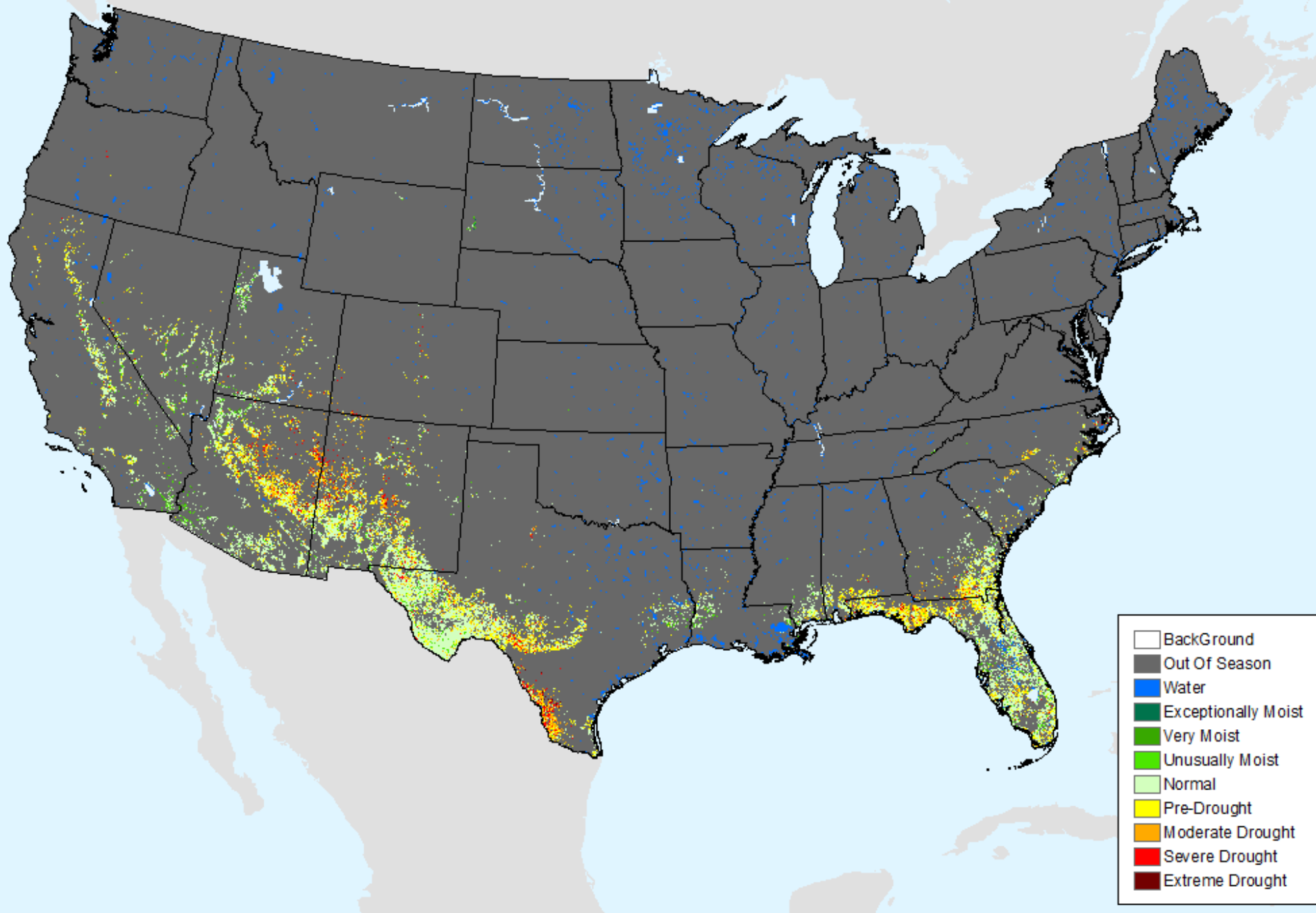
As of: Monday, December 23, 2019



USDM for: Dec. 17, 2019

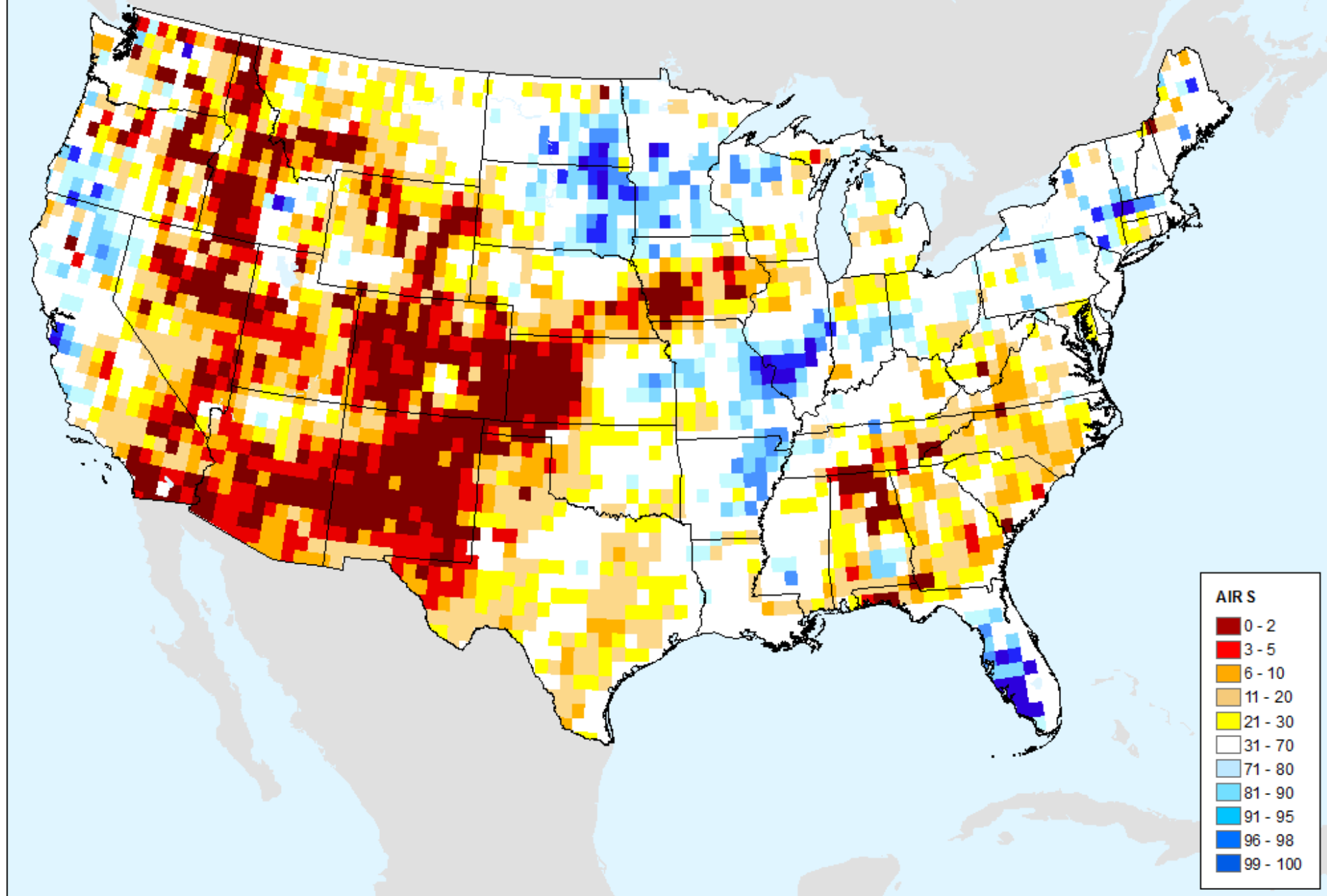
Vegetation Drought Response Index (VegDRI)

As of: Monday, December 23, 2019



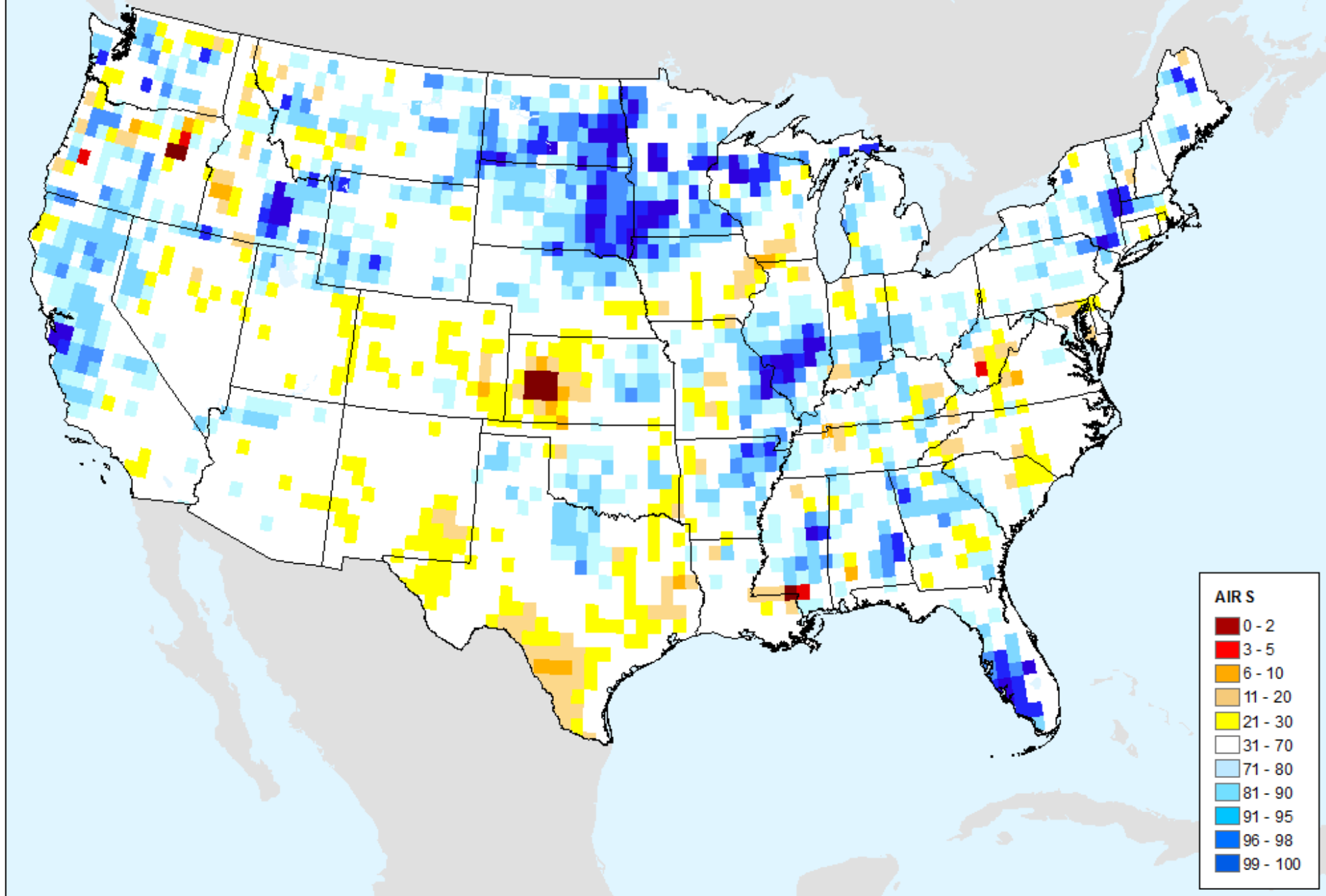
AIRS-Based Surface Relative Humidity 7 Day

As of: Monday, December 23, 2019



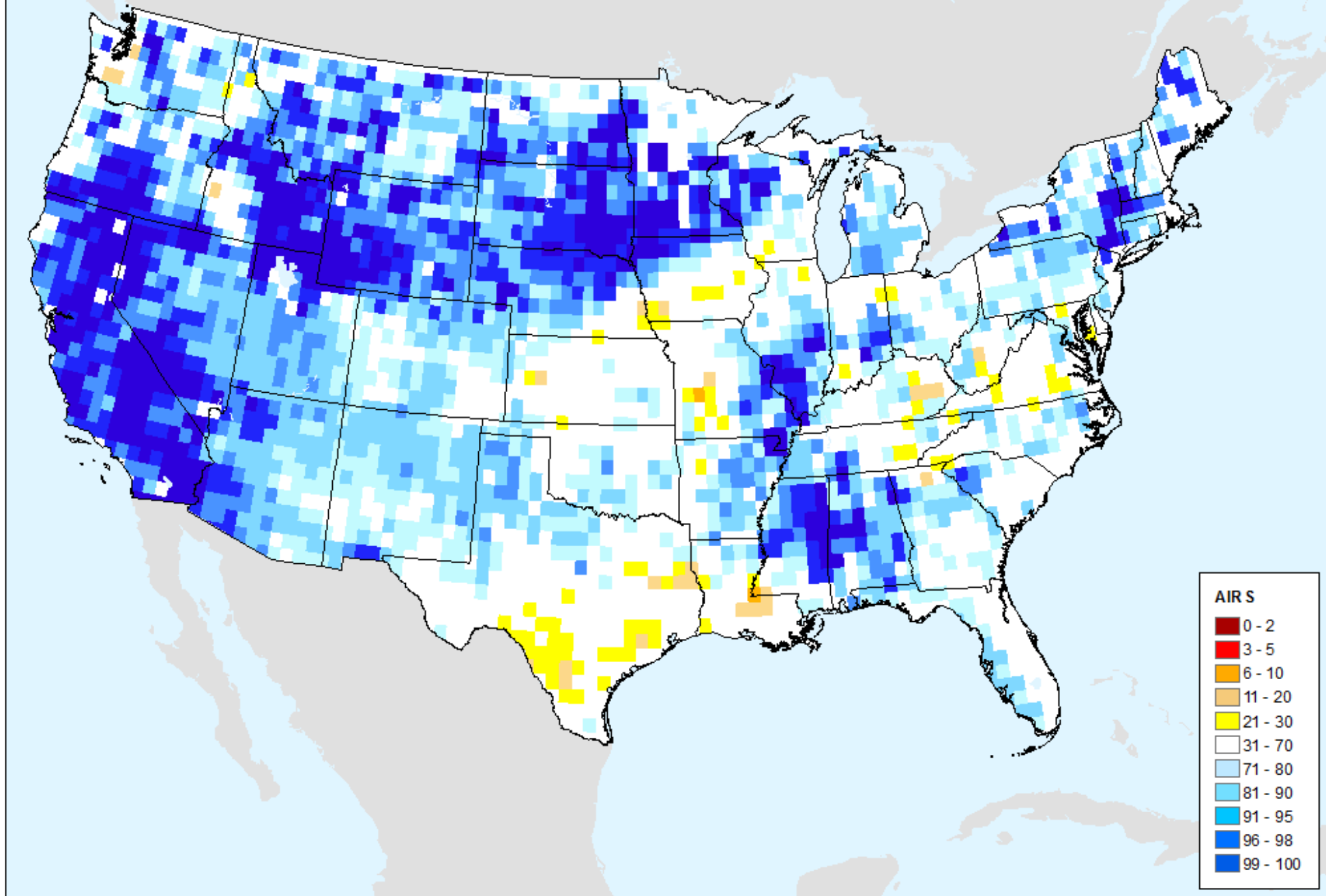
AIRS-Based Surface Relative Humidity 14 Day

As of: Monday, December 23, 2019



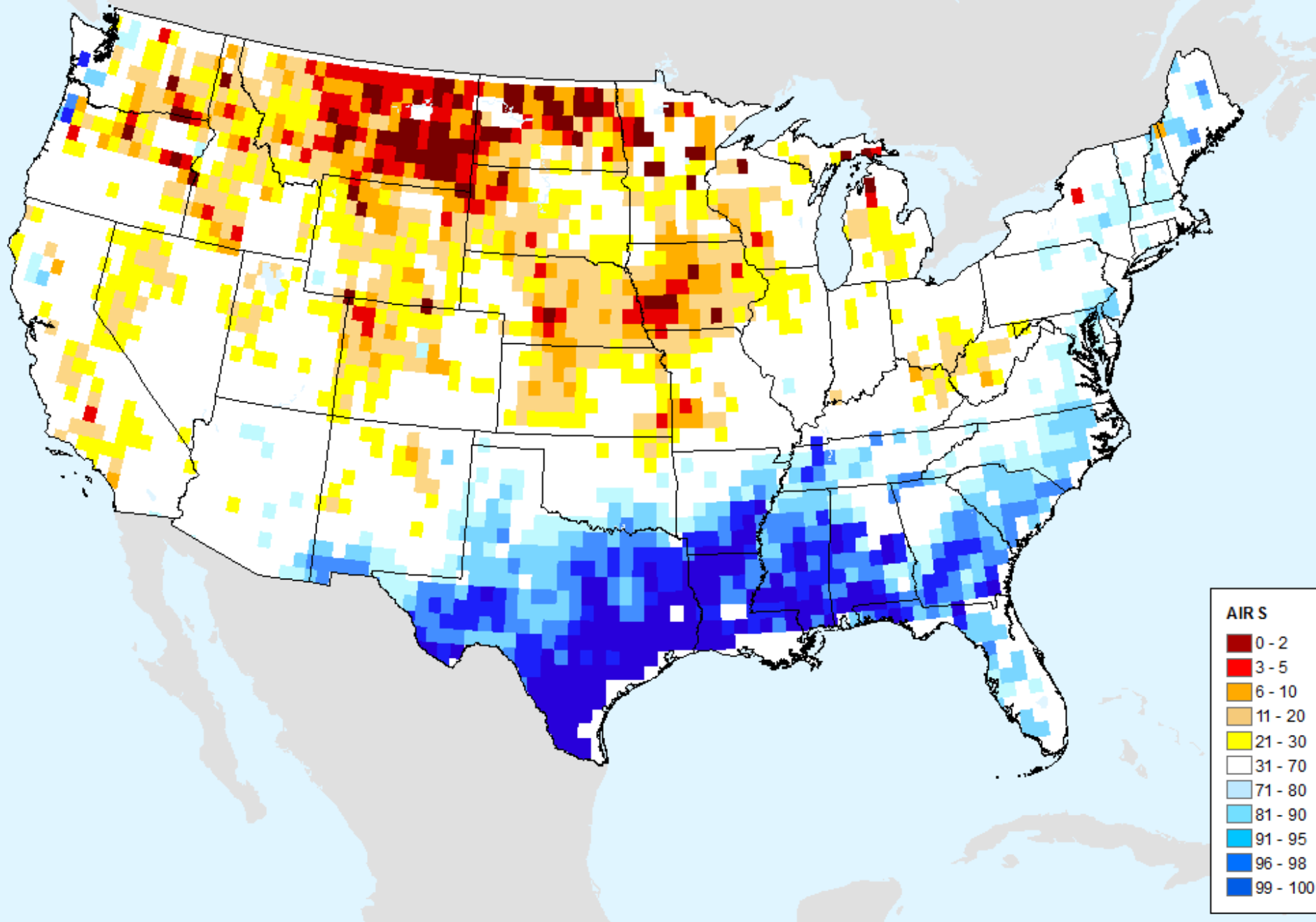
AIRS-Based Surface Relative Humidity 28 Day

As of: Monday, December 23, 2019



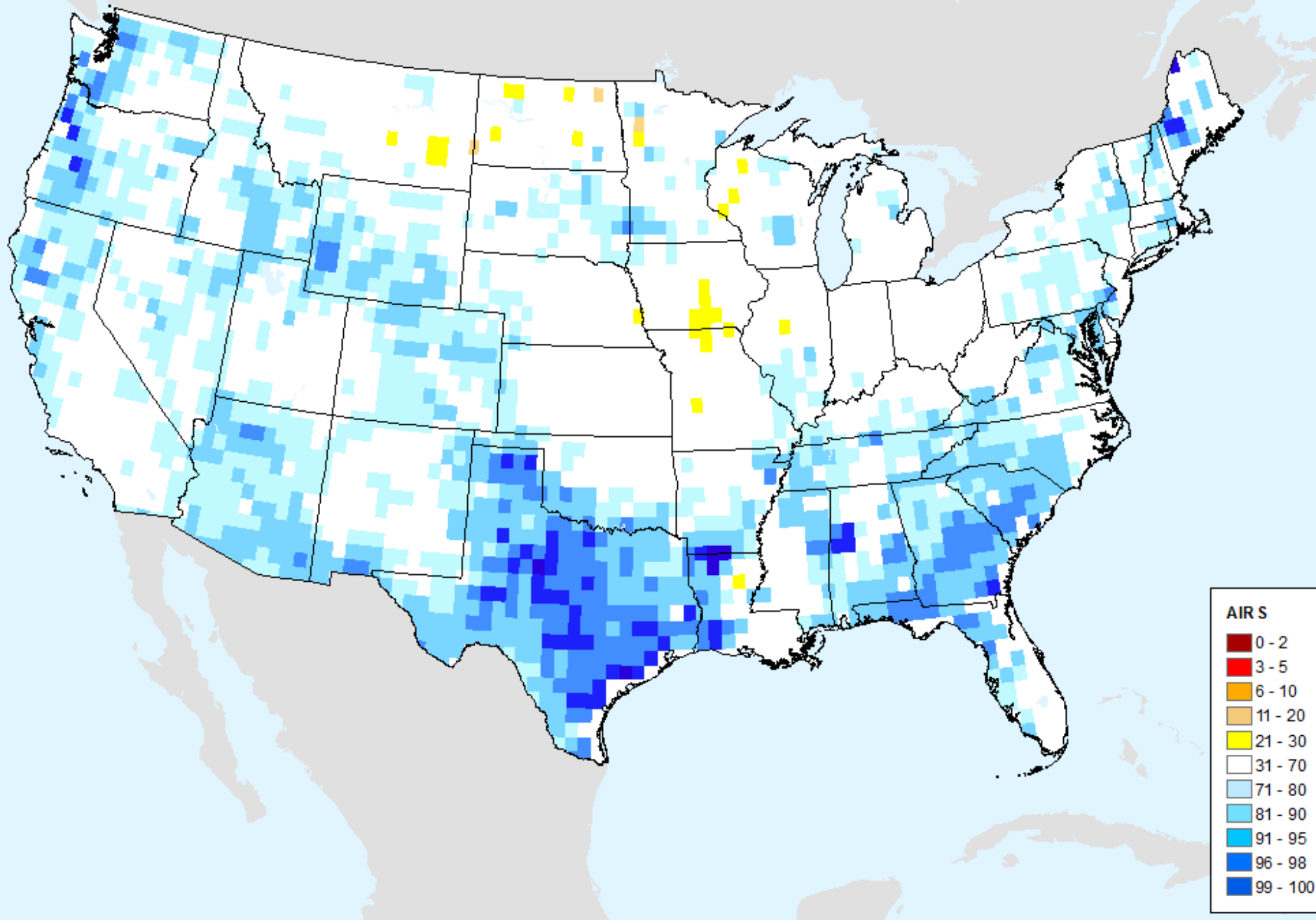
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Monday, December 23, 2019



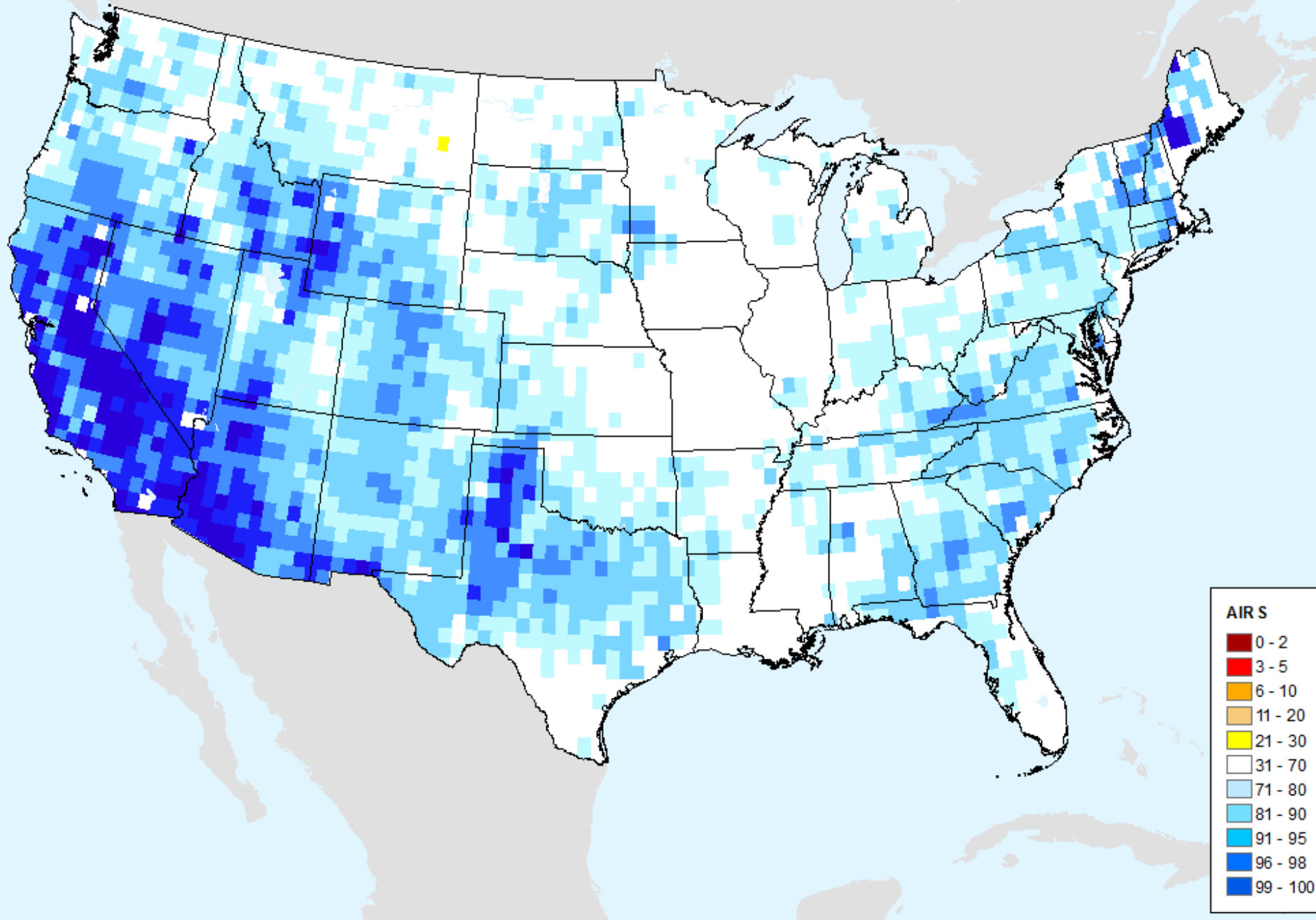
AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Monday, December 23, 2019



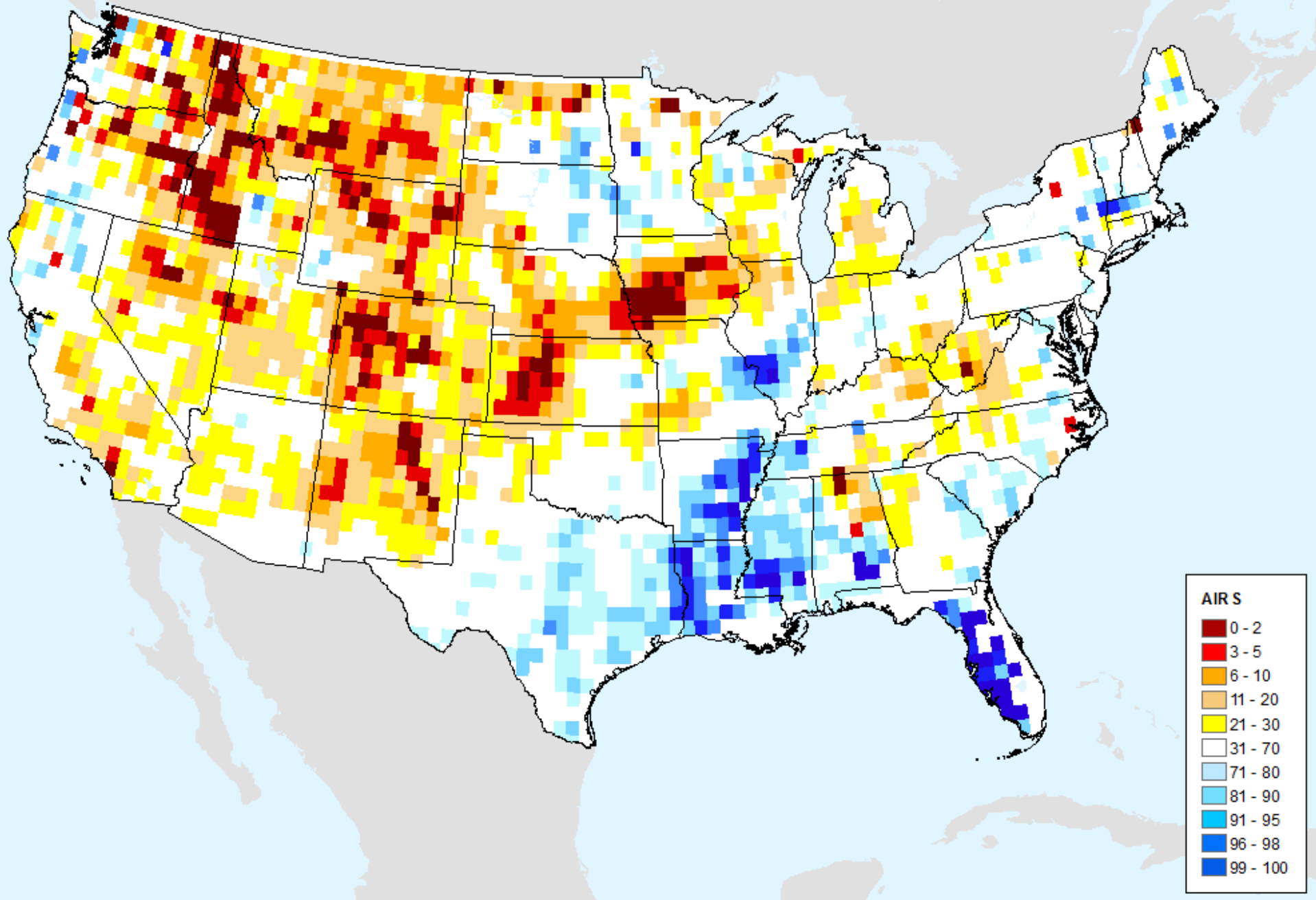
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Monday, December 23, 2019



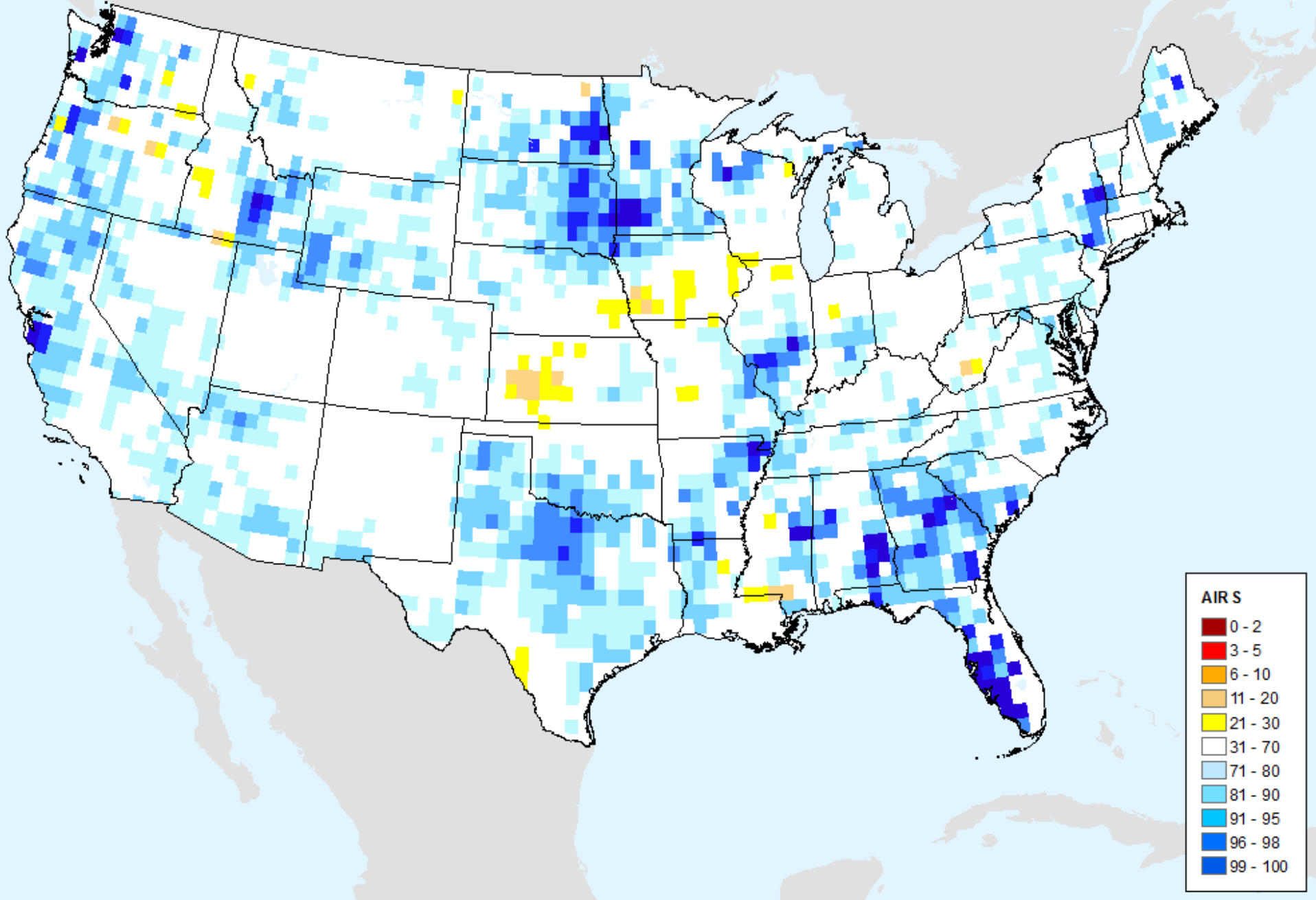
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Monday, December 23, 2019



AIRS-Based Vapor Pressure Deficit 14 Day

As of: Monday, December 23, 2019



AIRS-Based Vapor Pressure Deficit 28 Day

As of: Monday, December 23, 2019

