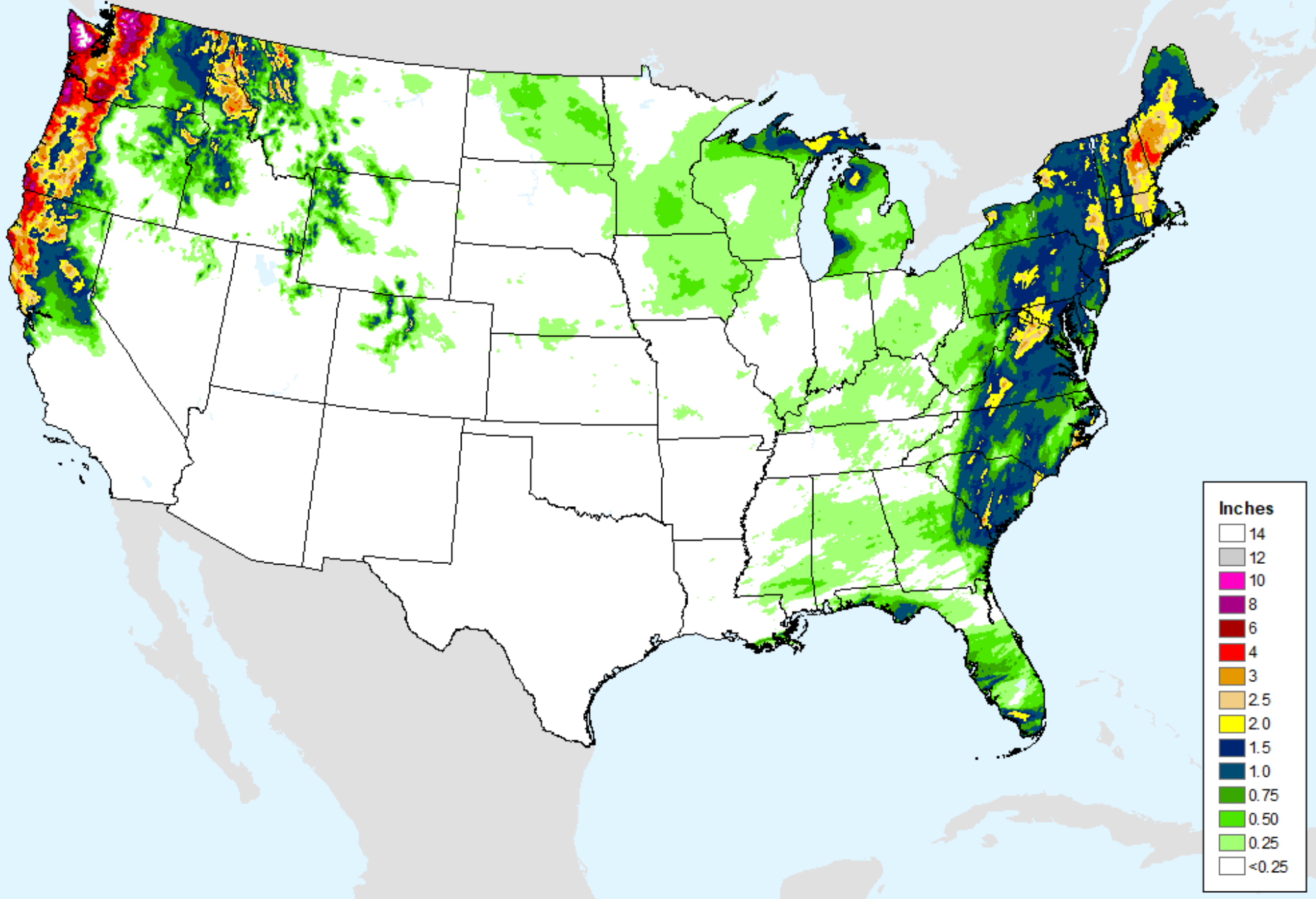


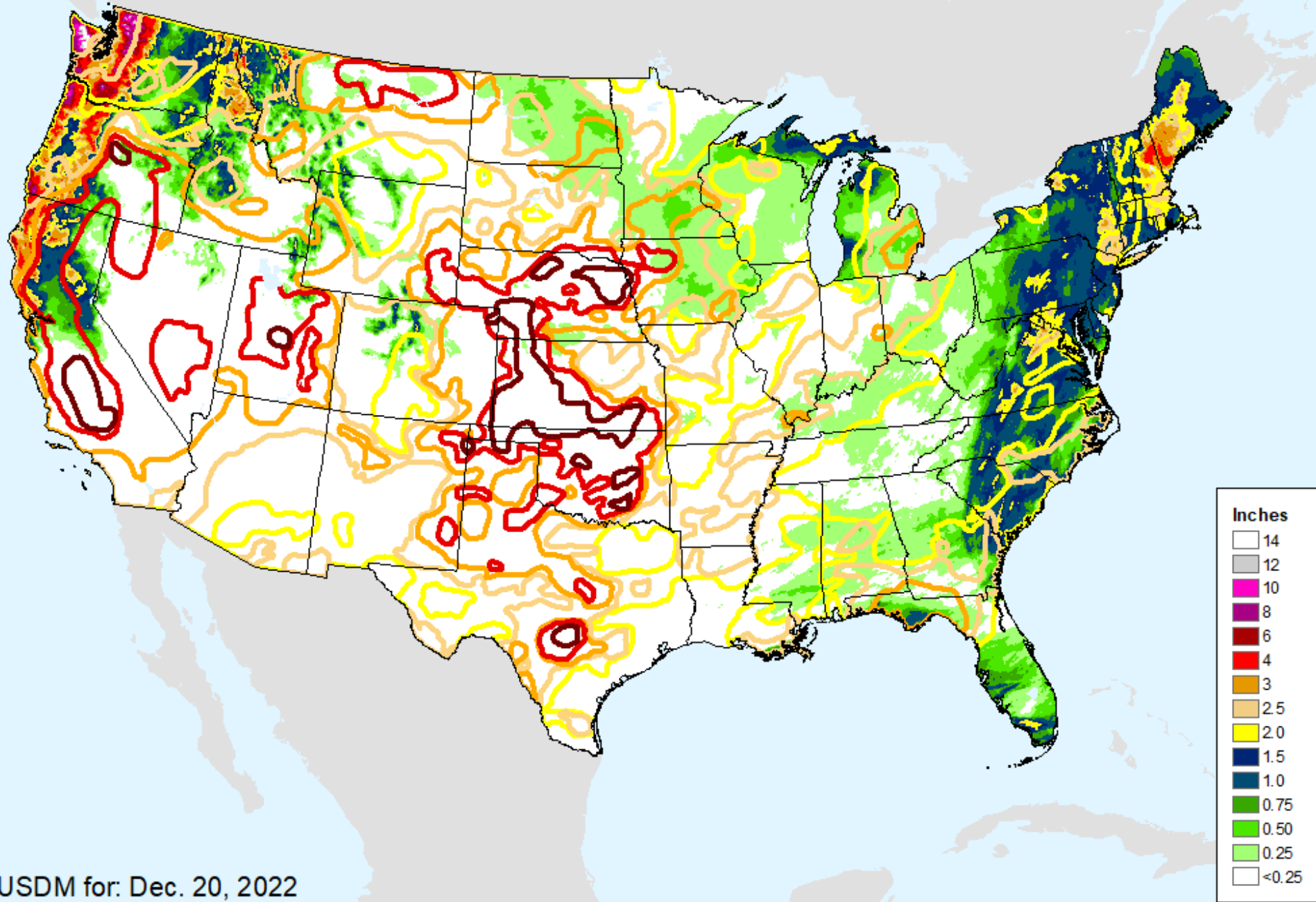
AHPS 7-Day Precipitation

As of: Wednesday, December 28, 2022



AHPS 7-Day Precipitation

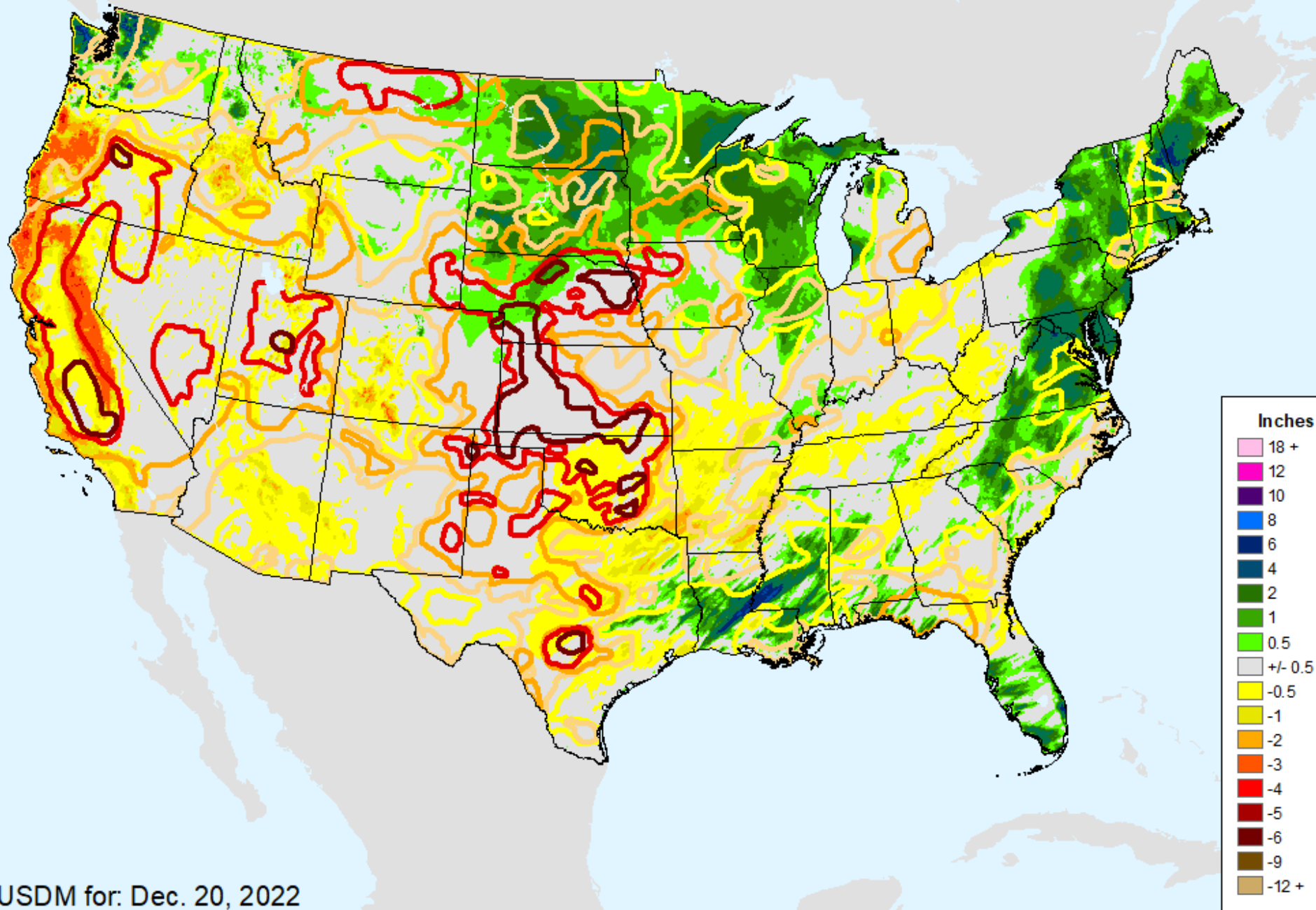
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

AHPS 14-Day Precip Departure

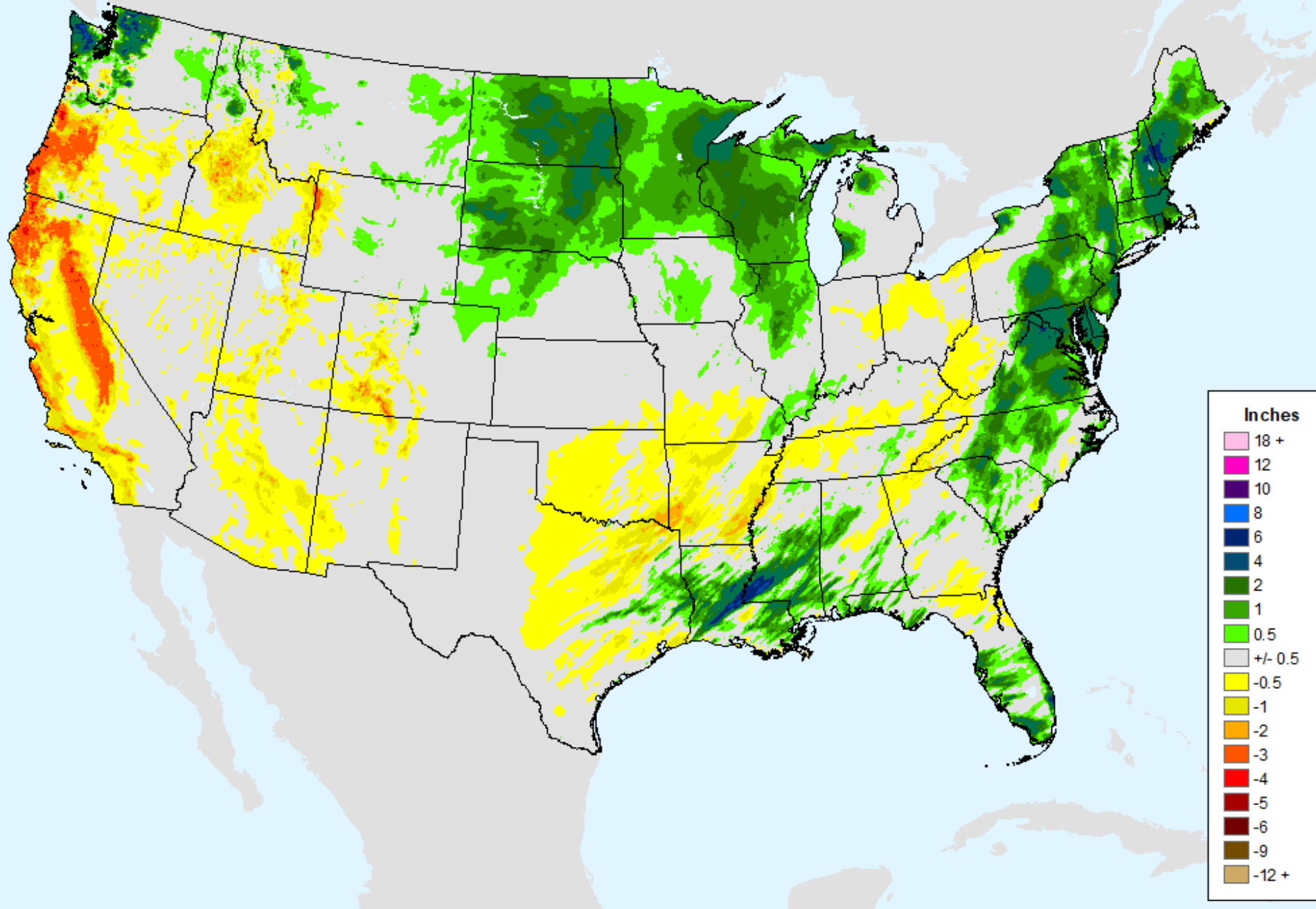
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

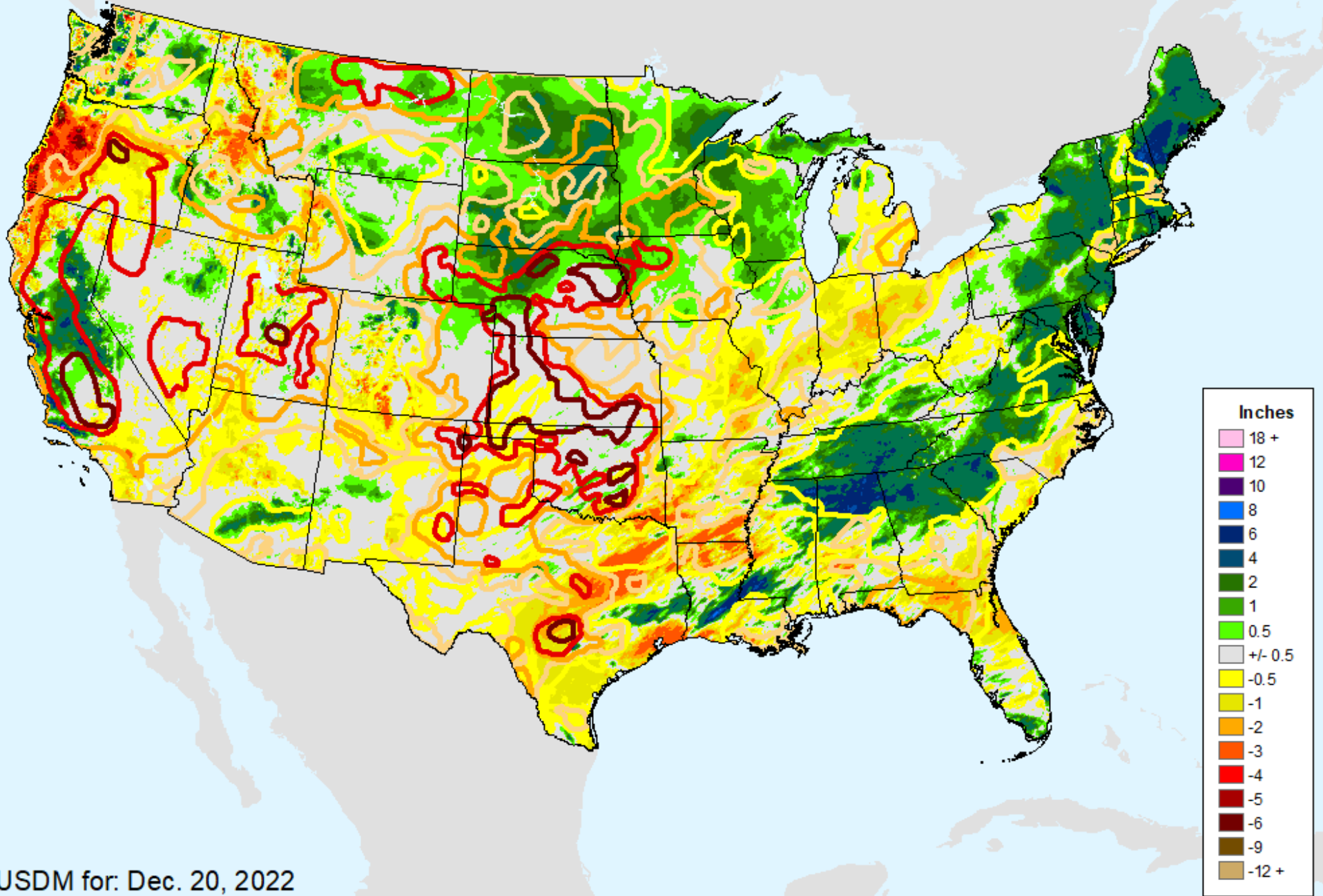
AHPS 14-Day Precip Departure

As of: Wednesday, December 28, 2022



AHPS 30-Day Precip Departure

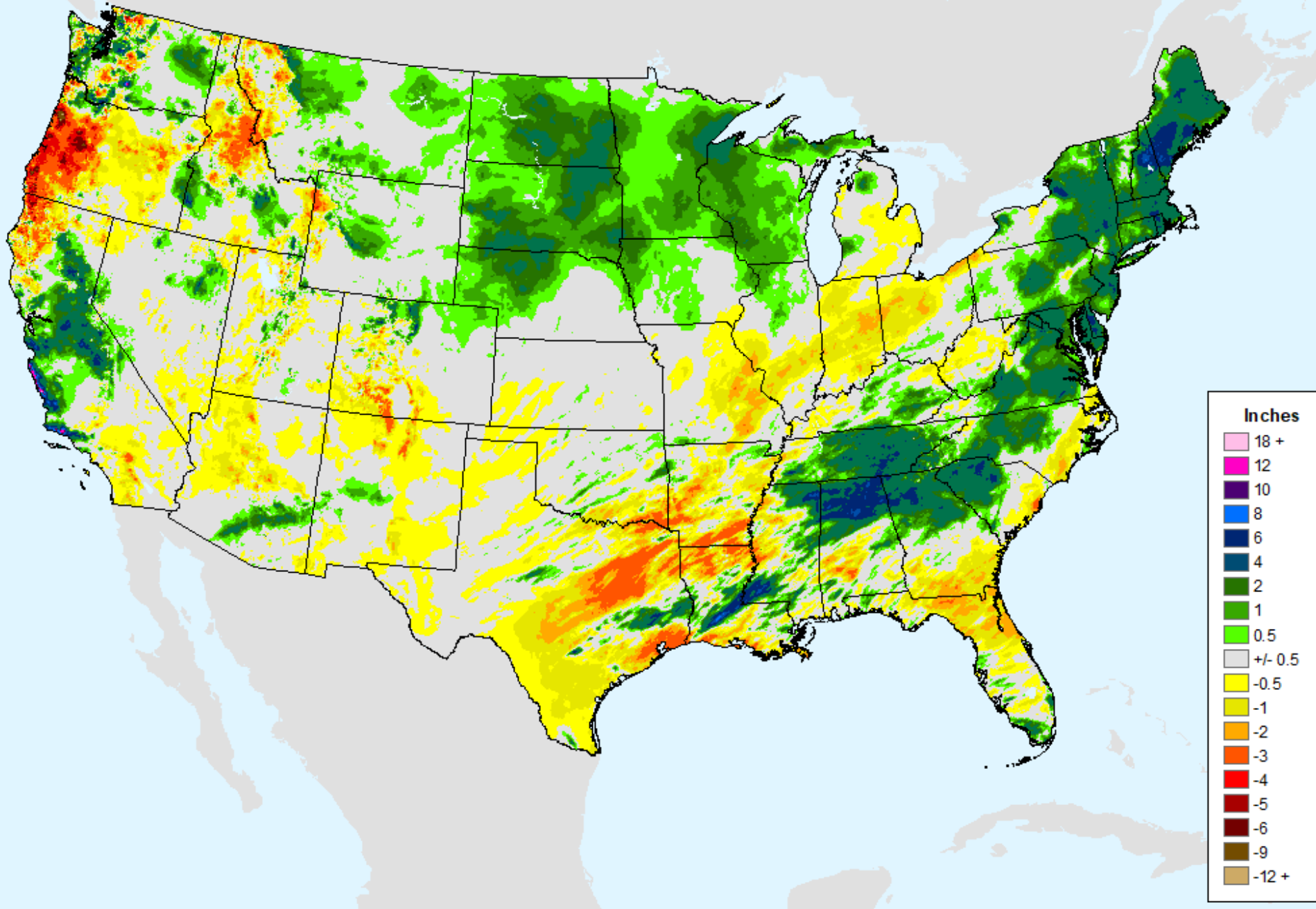
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

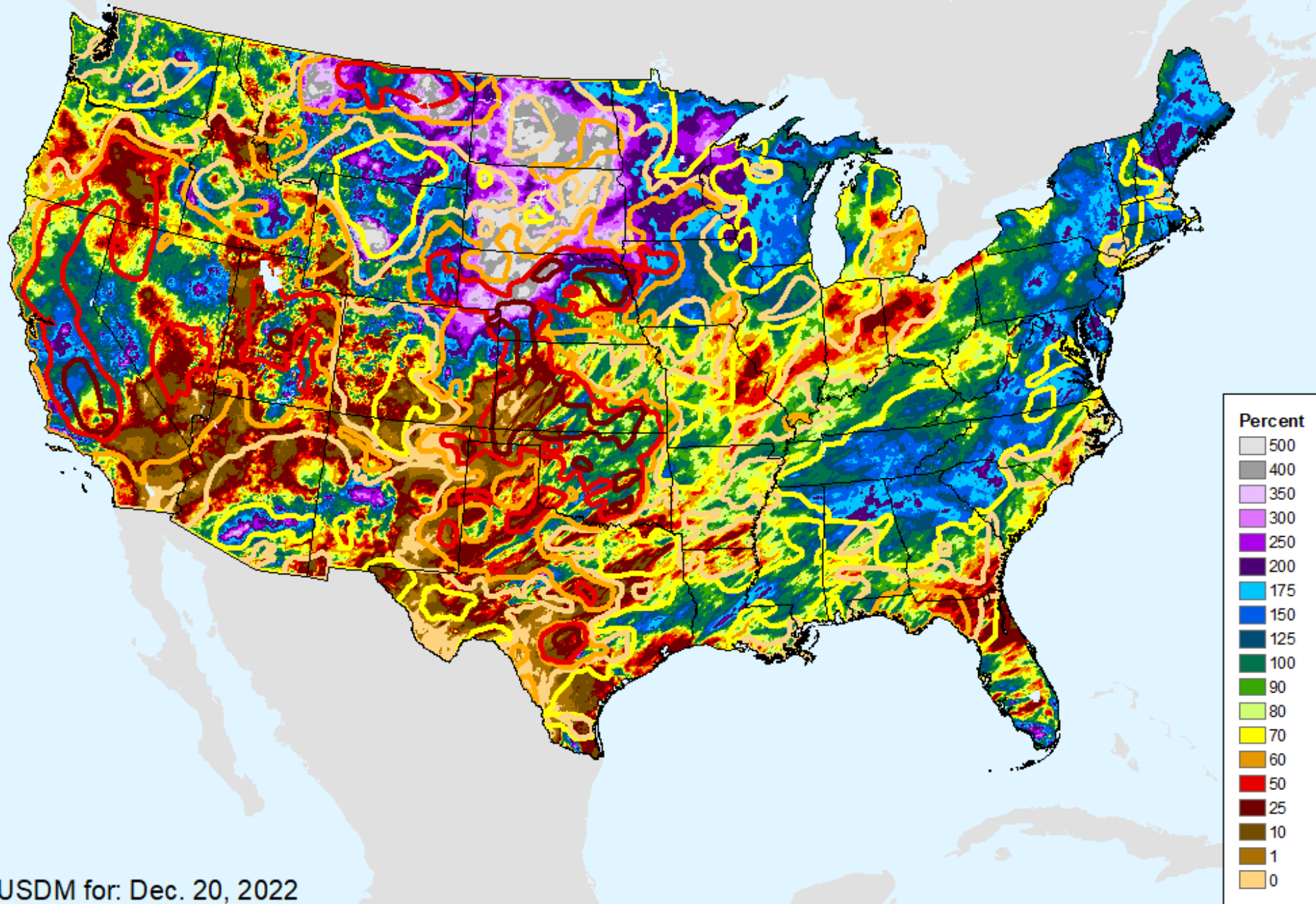
AHPS 30-Day Precip Departure

As of: Wednesday, December 28, 2022



AHPS 30-Day Pct of Normal Pcp

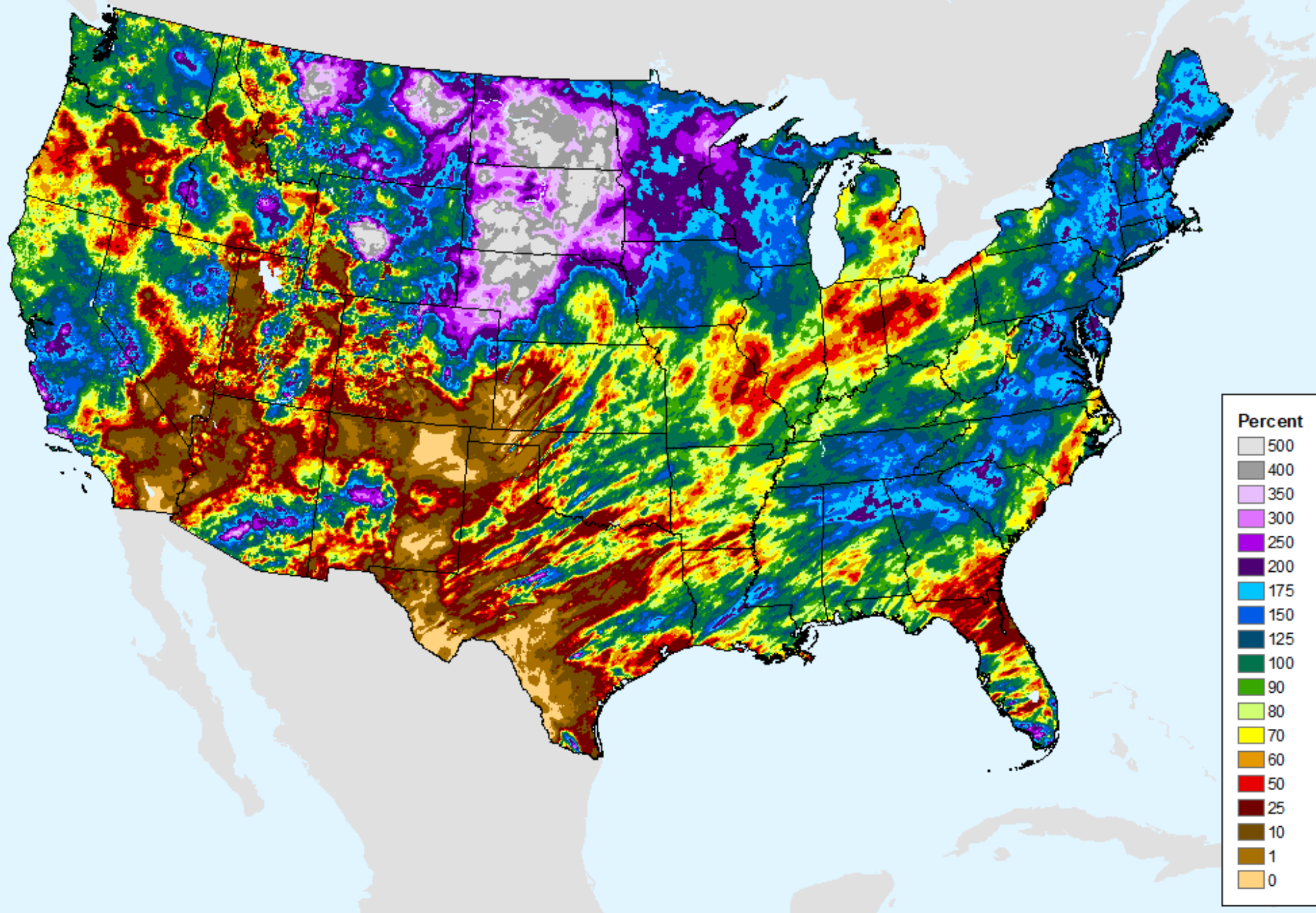
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

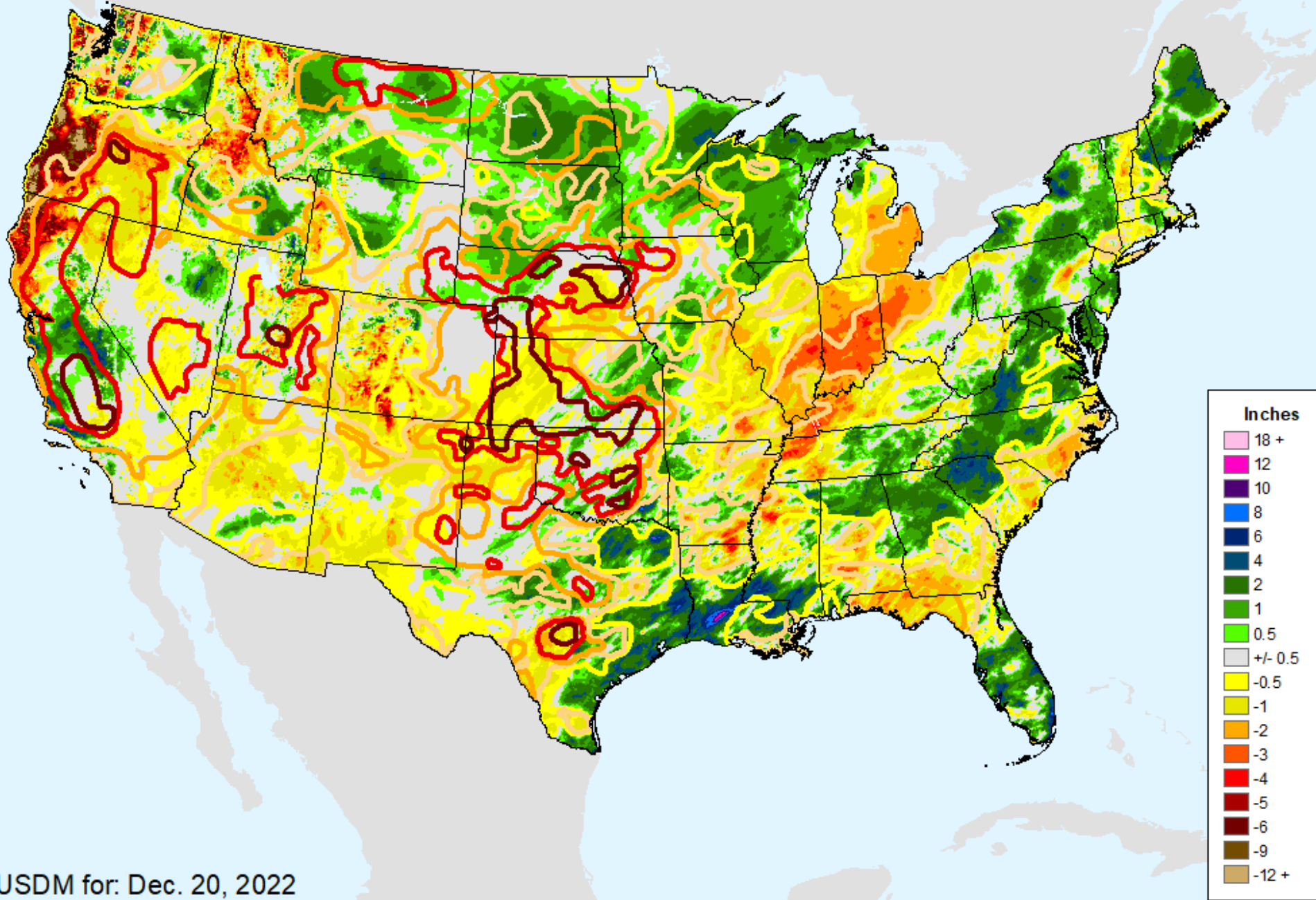
AHPS 30-Day Pct of Normal Pcp

As of: Wednesday, December 28, 2022



AHPS 60-Day Precip Departure

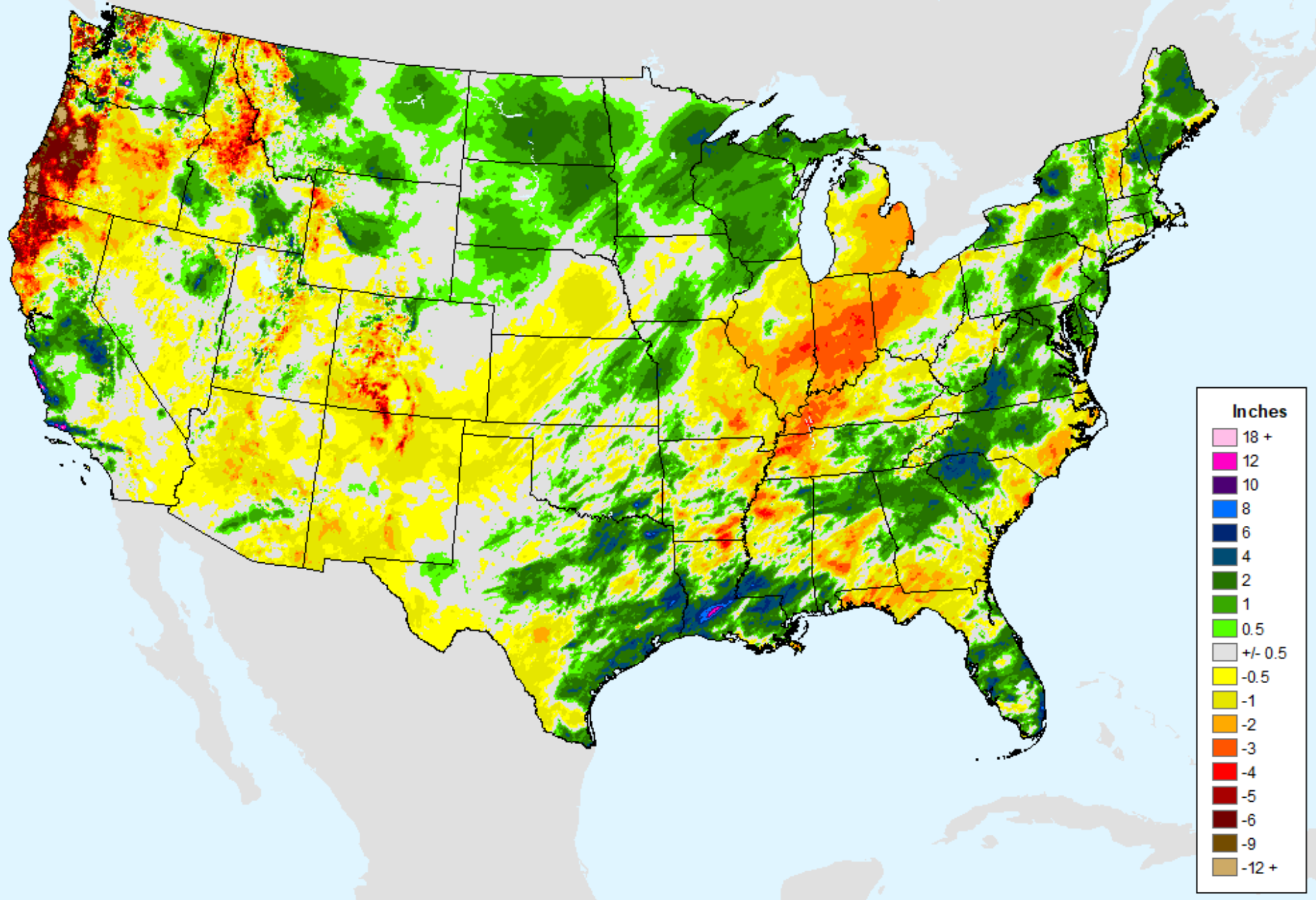
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

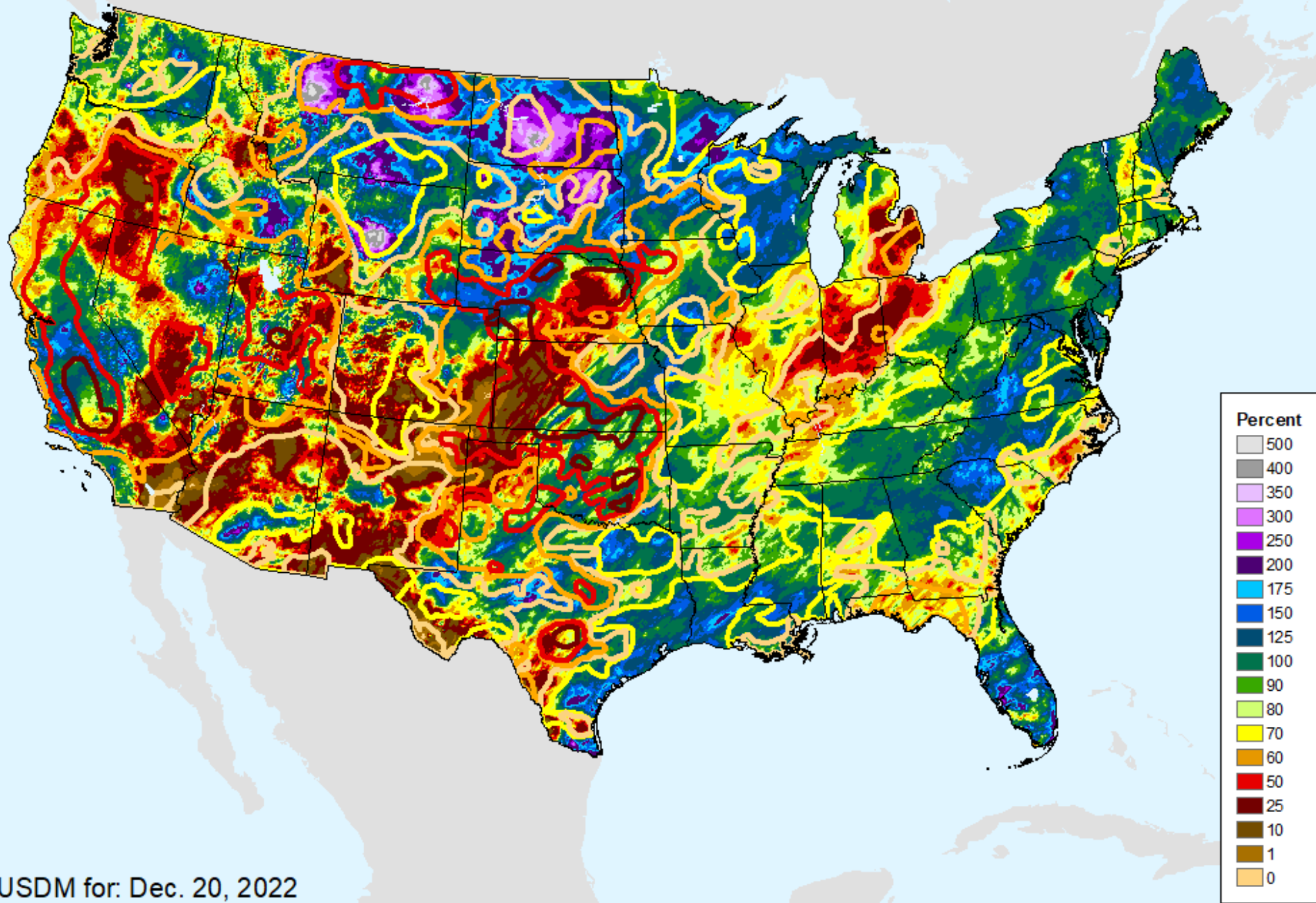
AHPS 60-Day Precip Departure

As of: Wednesday, December 28, 2022



AHPS 60-Day Pct of Normal Pcp

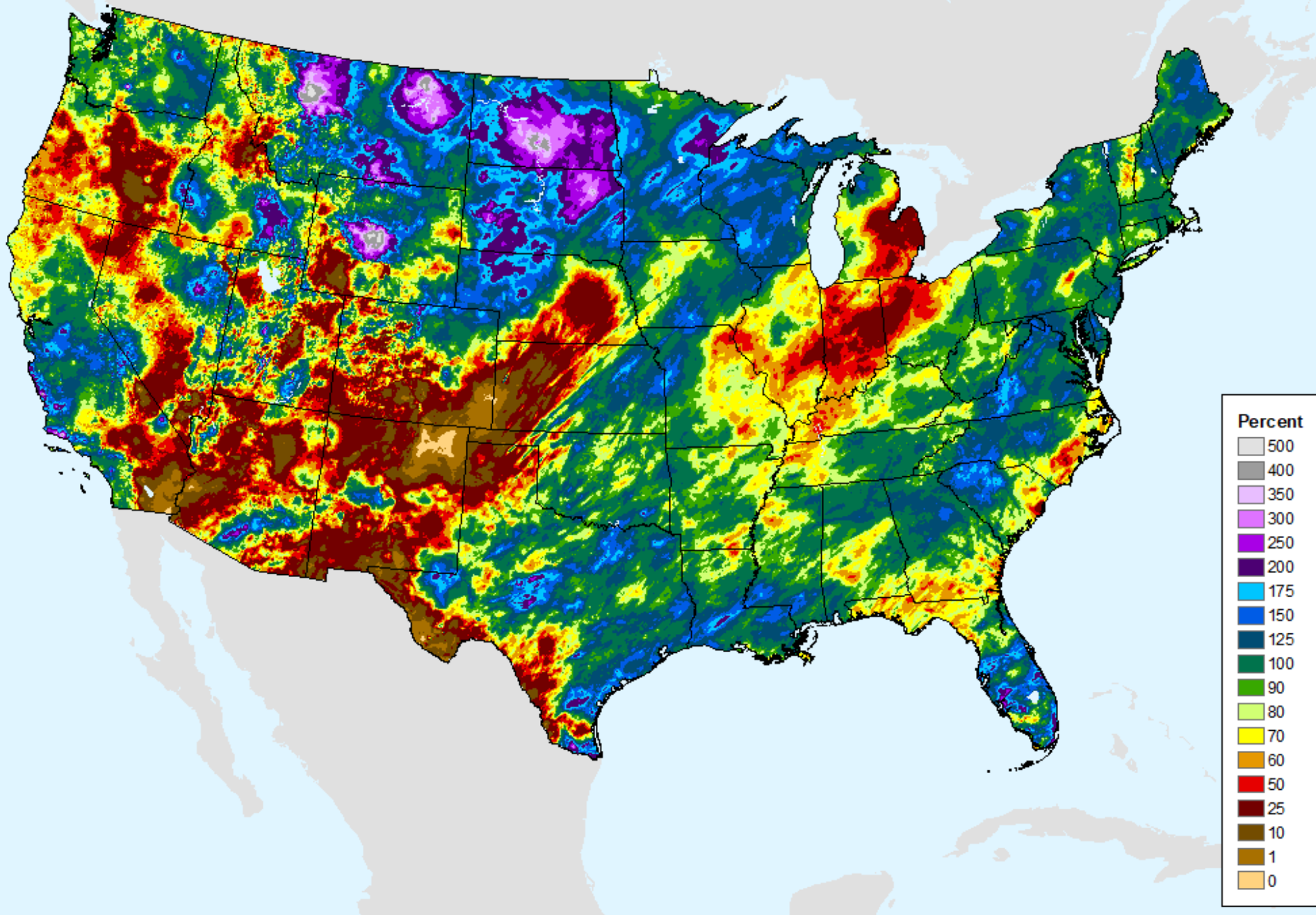
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

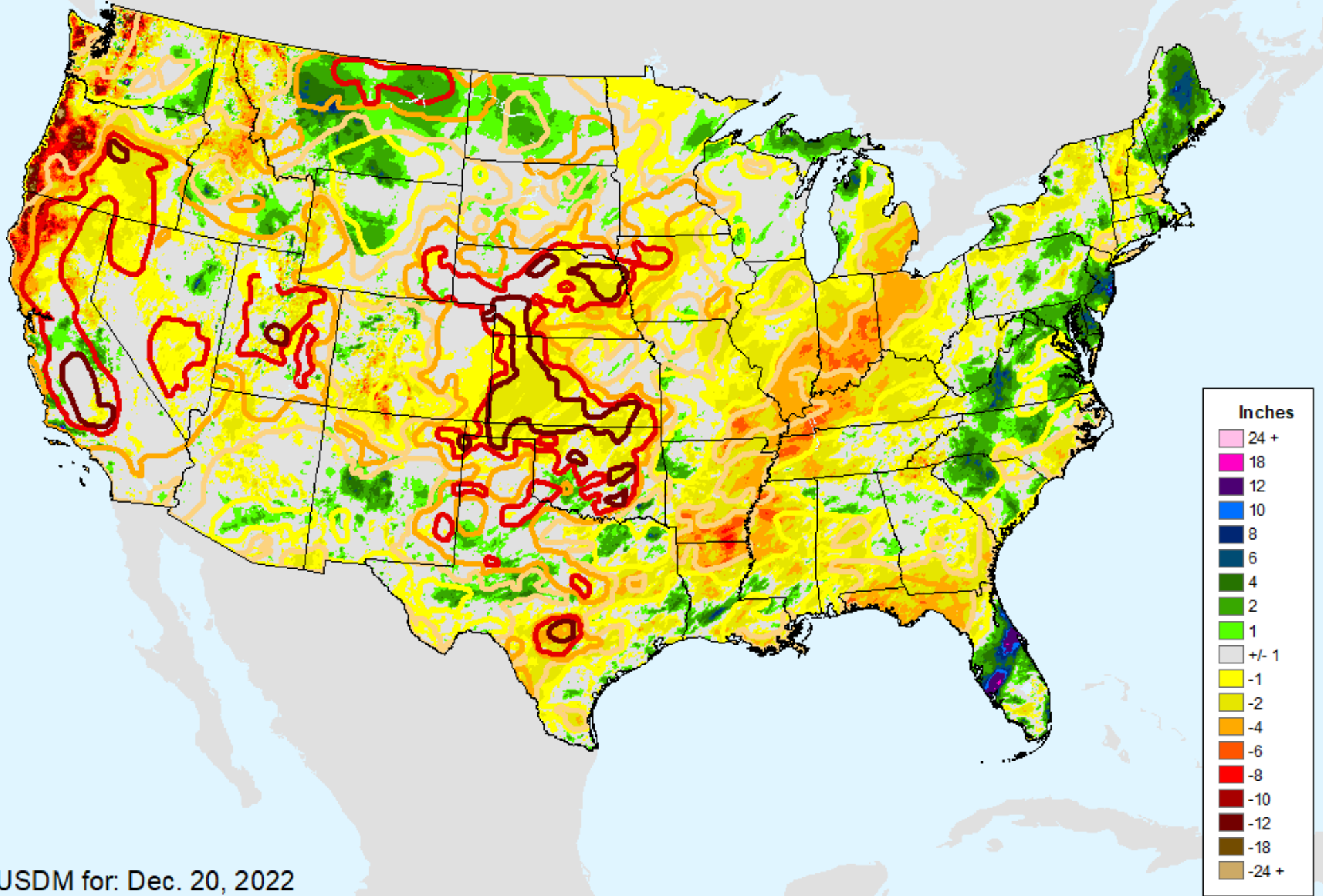
AHPS 60-Day Pct of Normal Pcp

As of: Wednesday, December 28, 2022



AHPS 90-Day Precip Departure

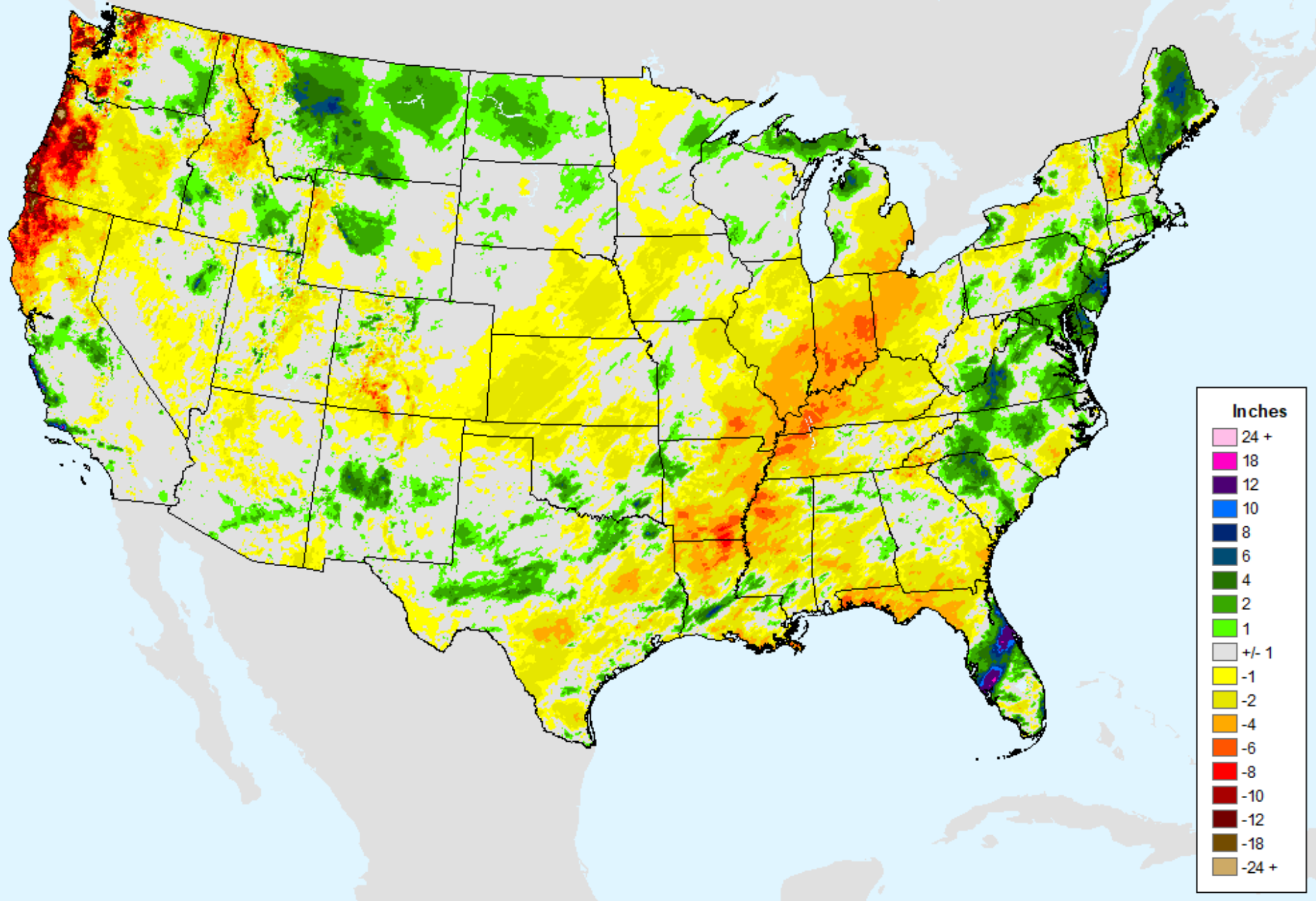
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

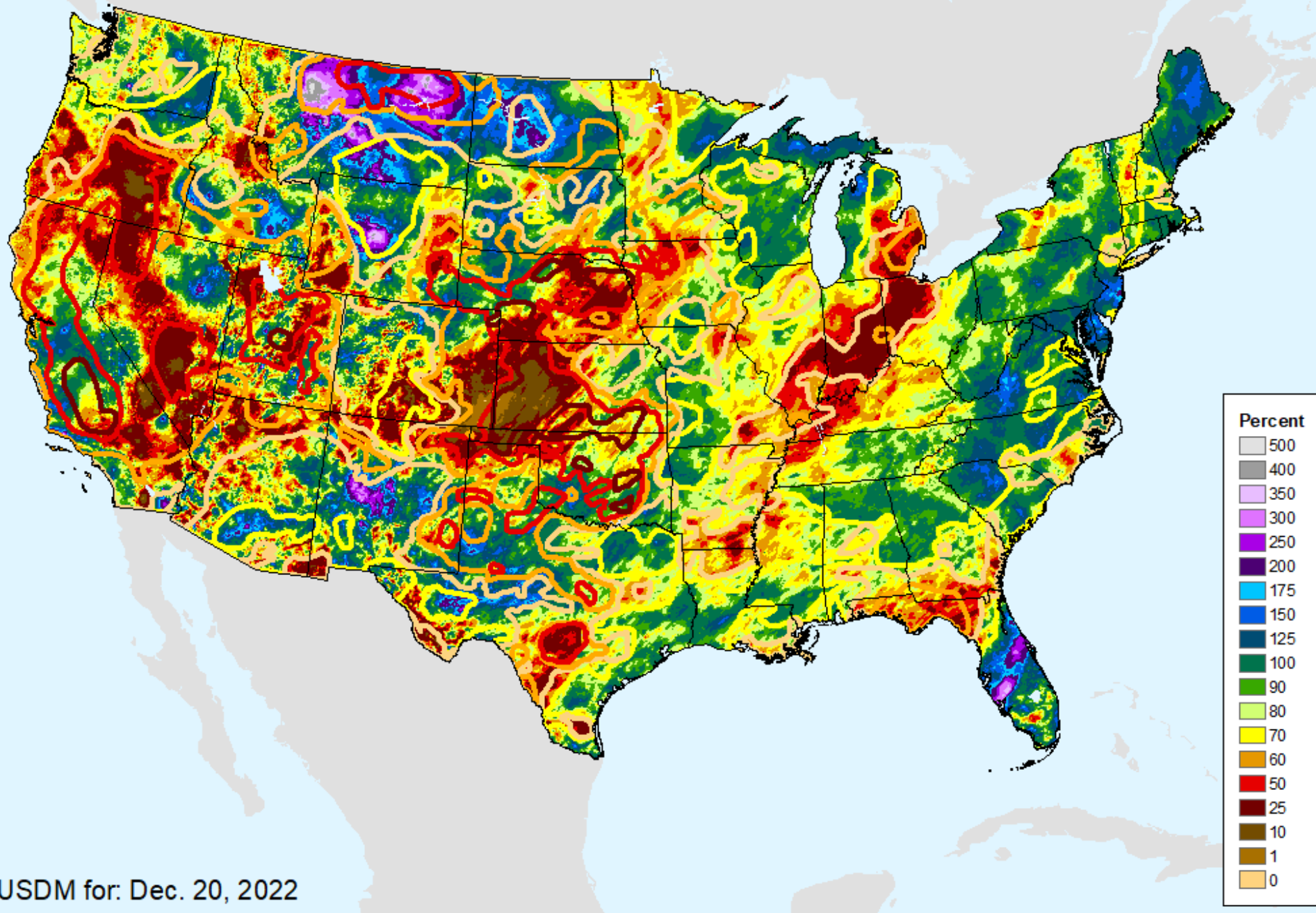
AHPS 90-Day Precip Departure

As of: Wednesday, December 28, 2022



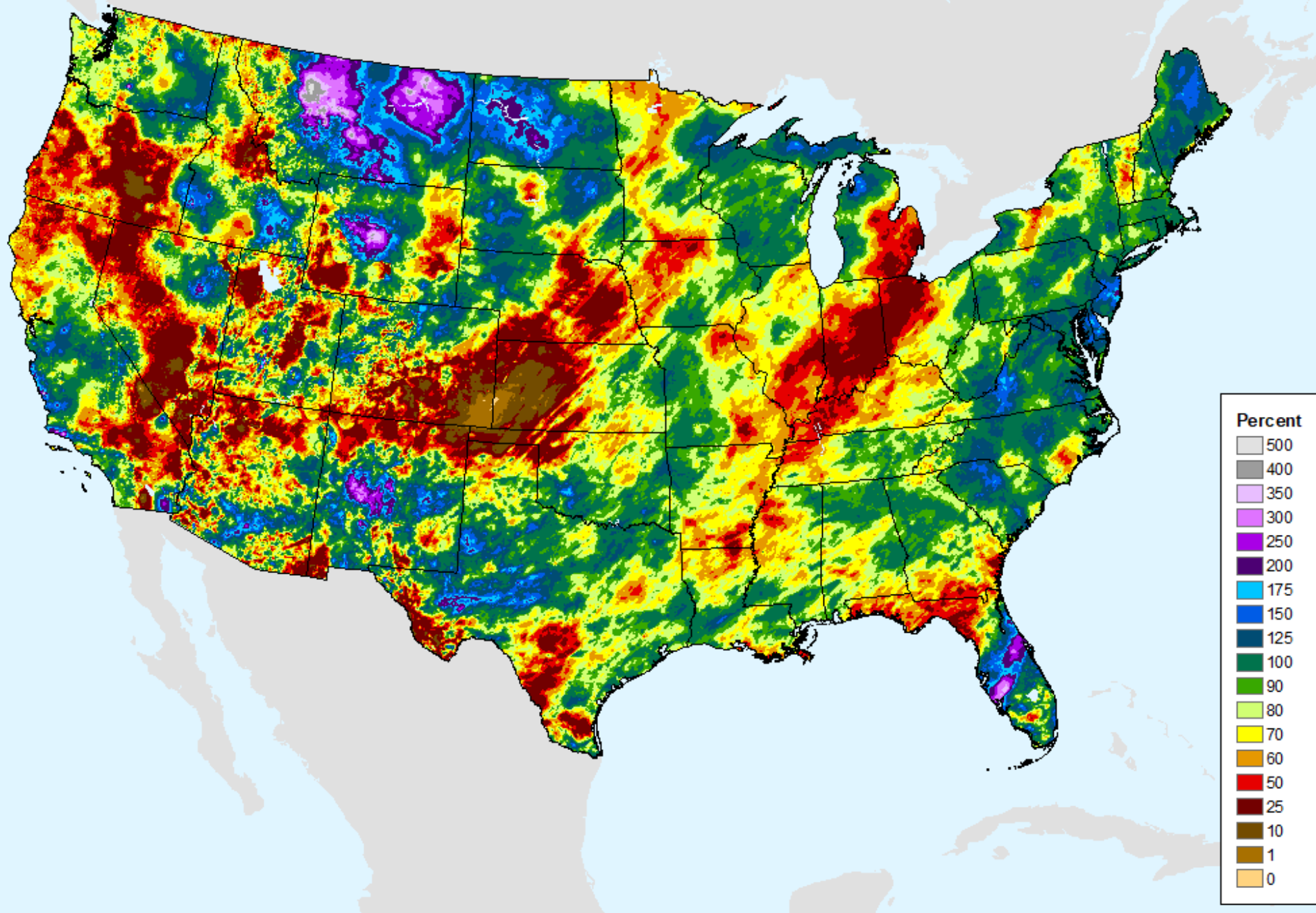
AHPS 90-Day Pct of Normal Pcp

As of: Wednesday, December 28, 2022



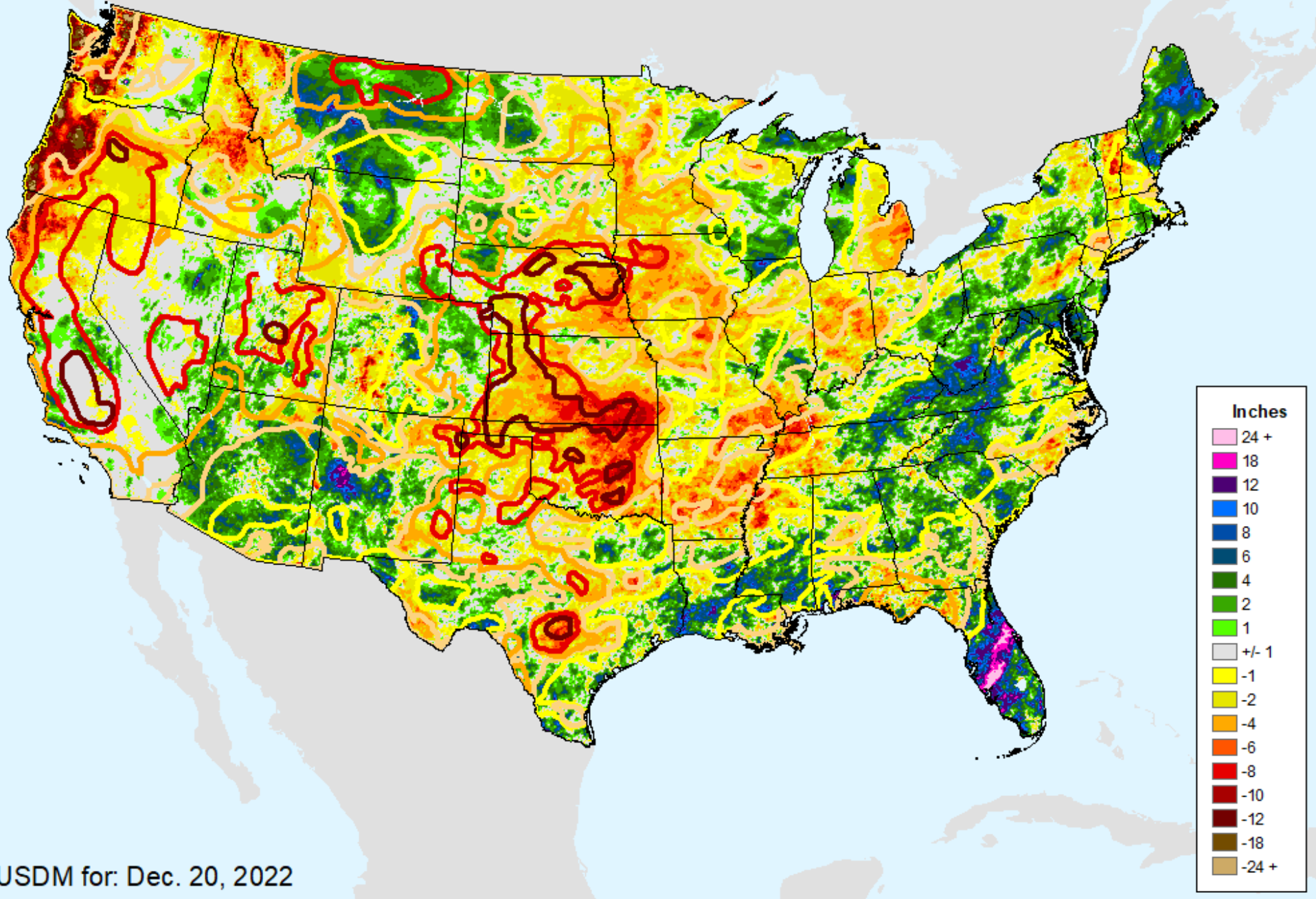
AHPS 90-Day Pct of Normal Pcp

As of: Wednesday, December 28, 2022



AHPS 180-Day Precip Departure

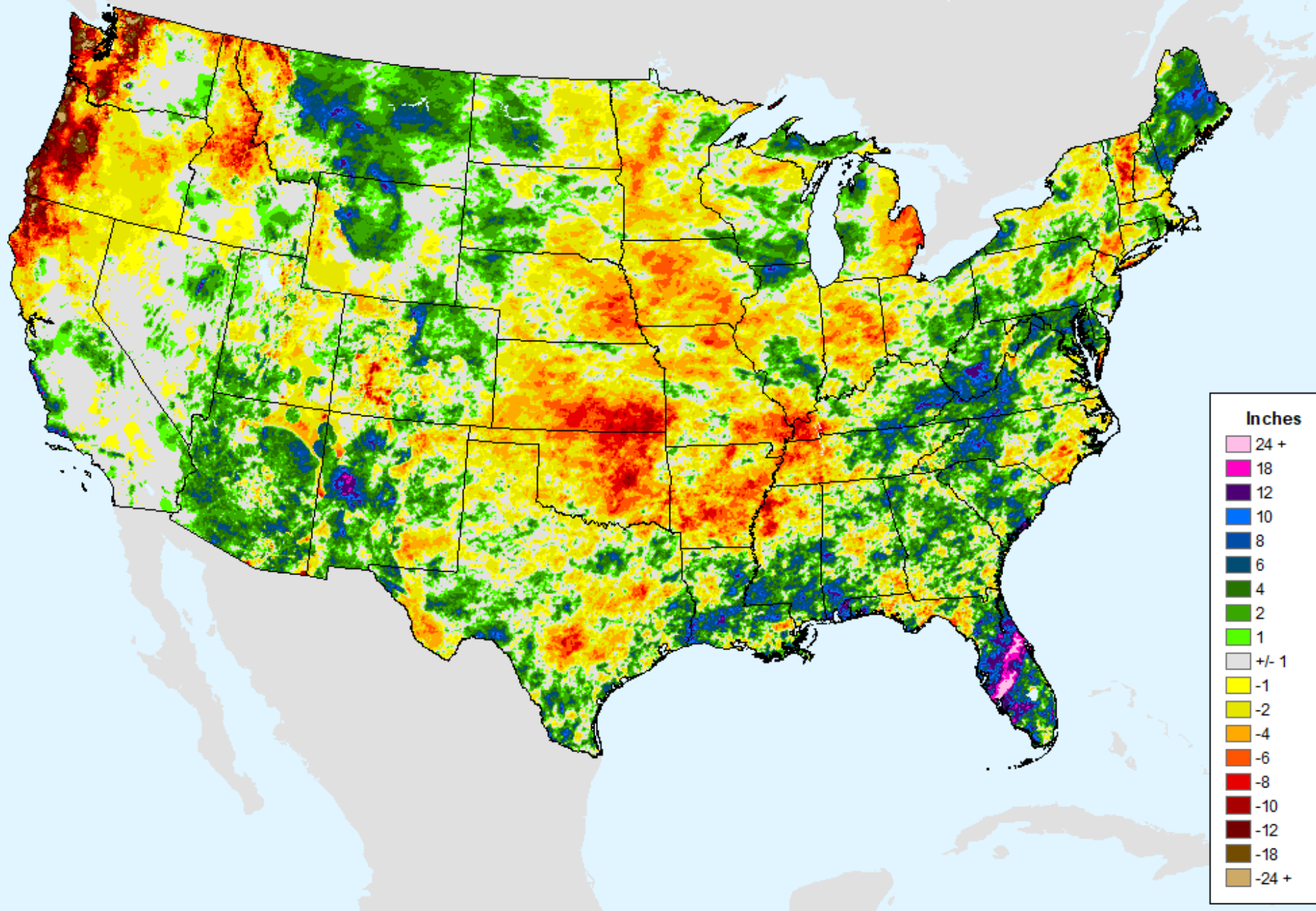
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

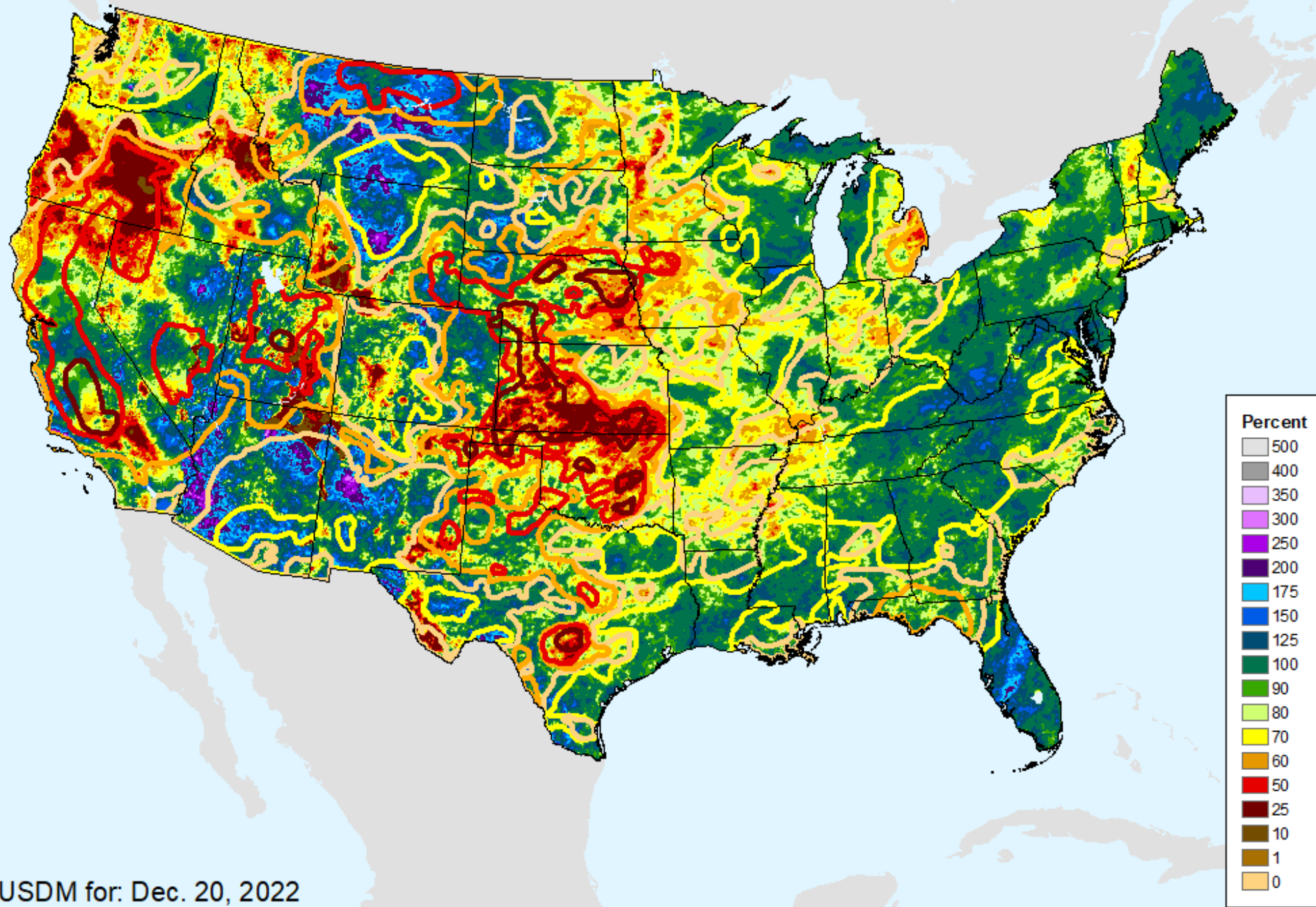
AHPS 180-Day Precip Departure

As of: Wednesday, December 28, 2022



AHPS 180-Day Pct of Normal Pcp

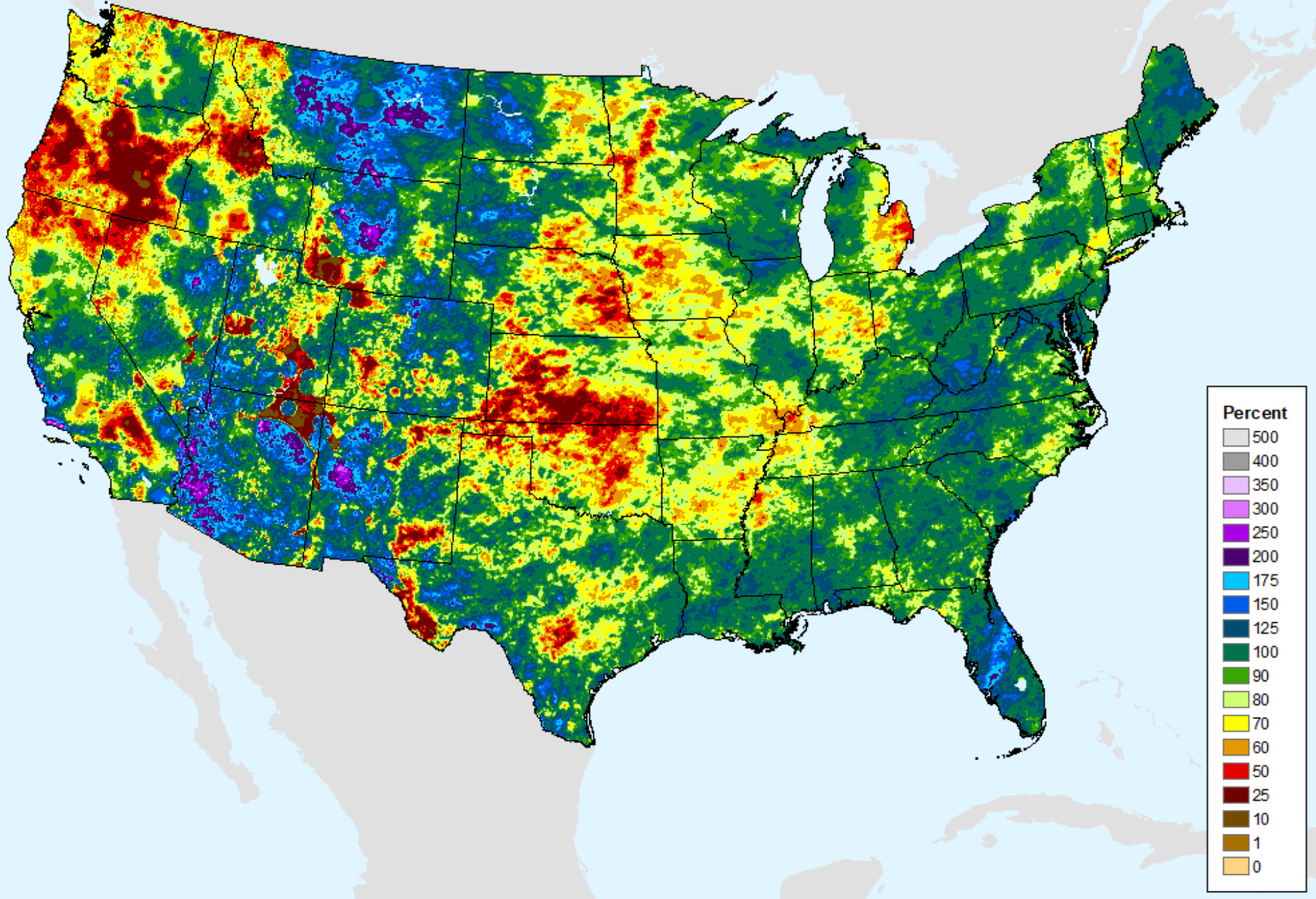
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

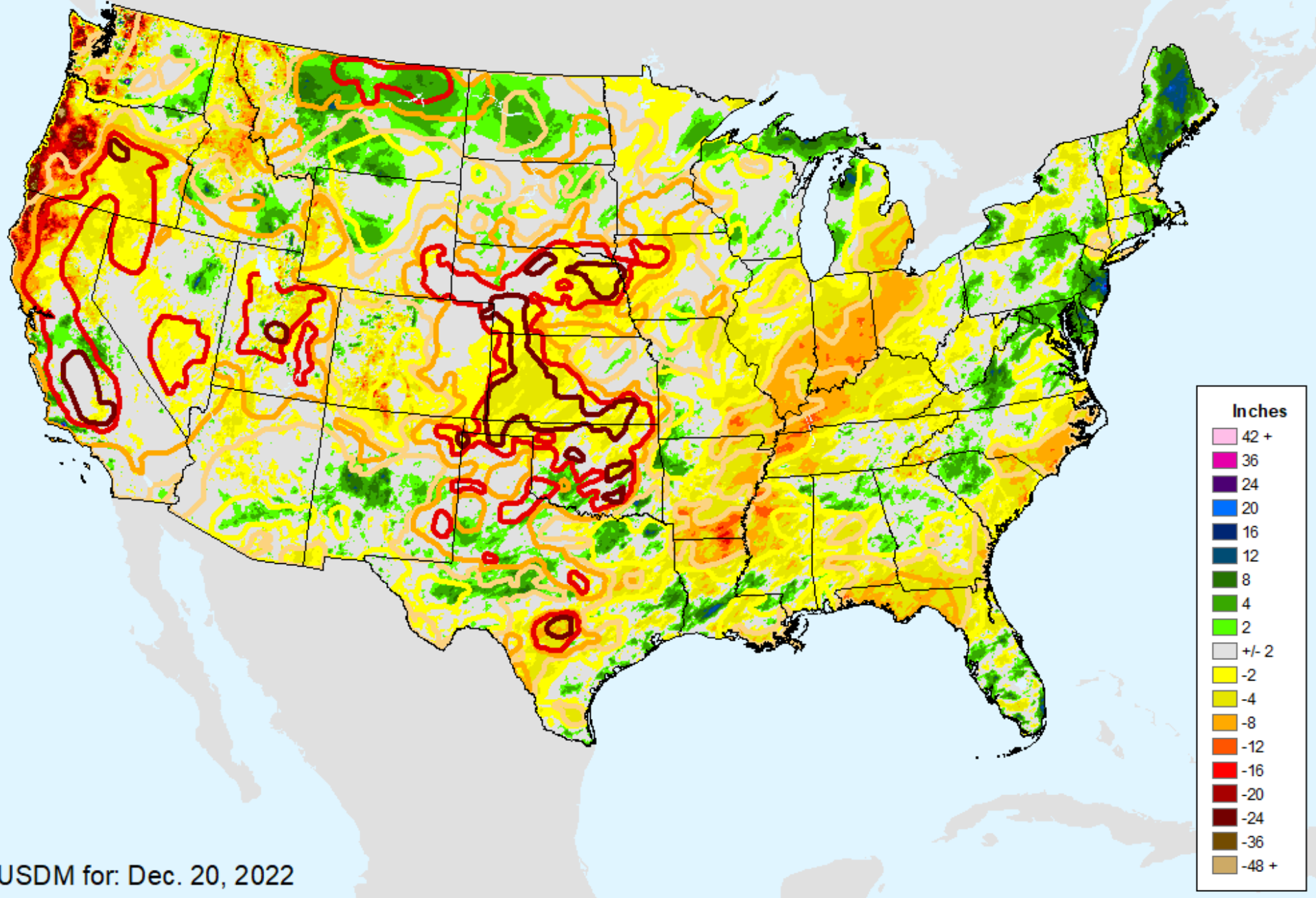
AHPS 180-Day Pct of Normal Pcp

As of: Wednesday, December 28, 2022



AHPS Water-Year Precip Departure

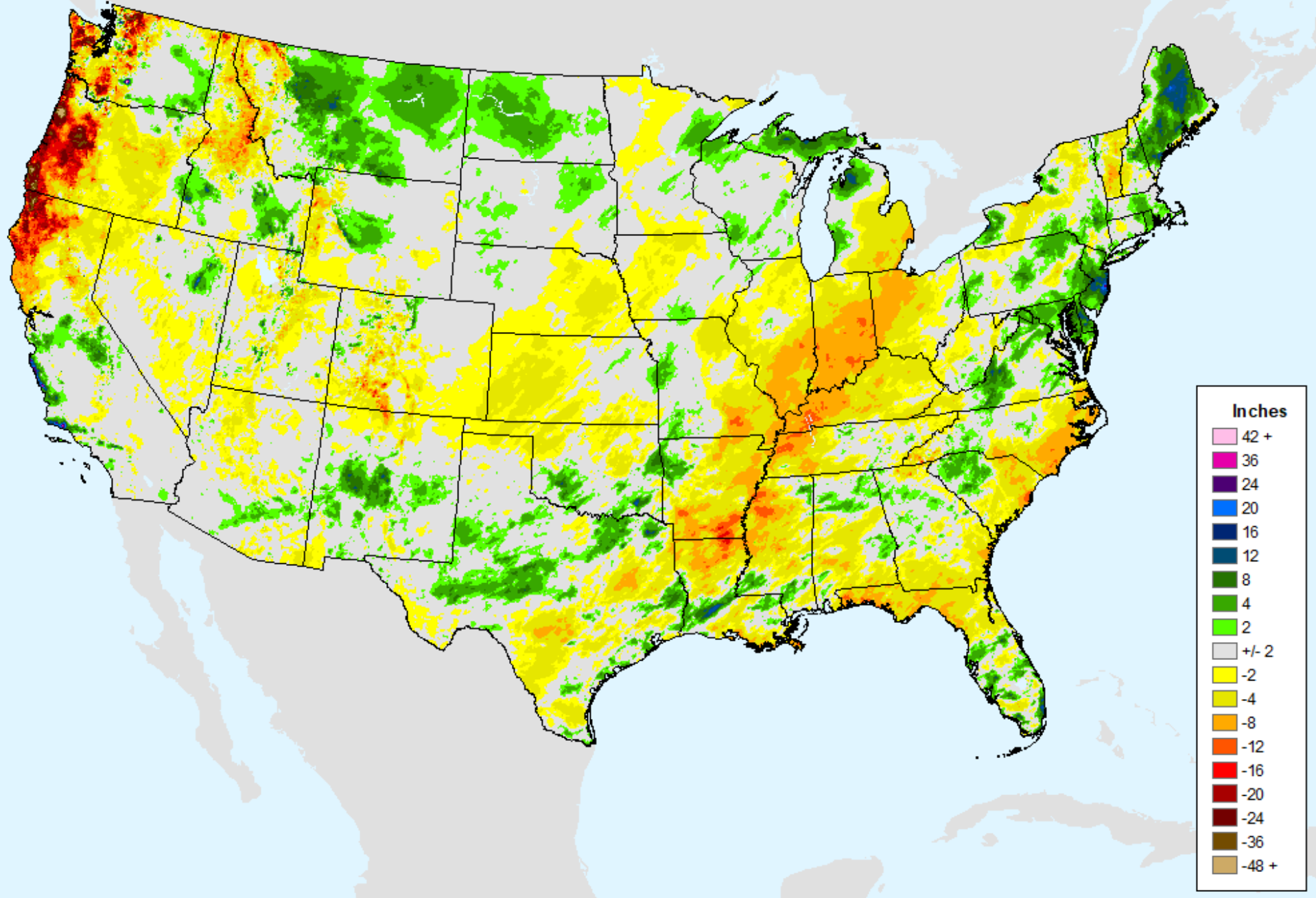
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

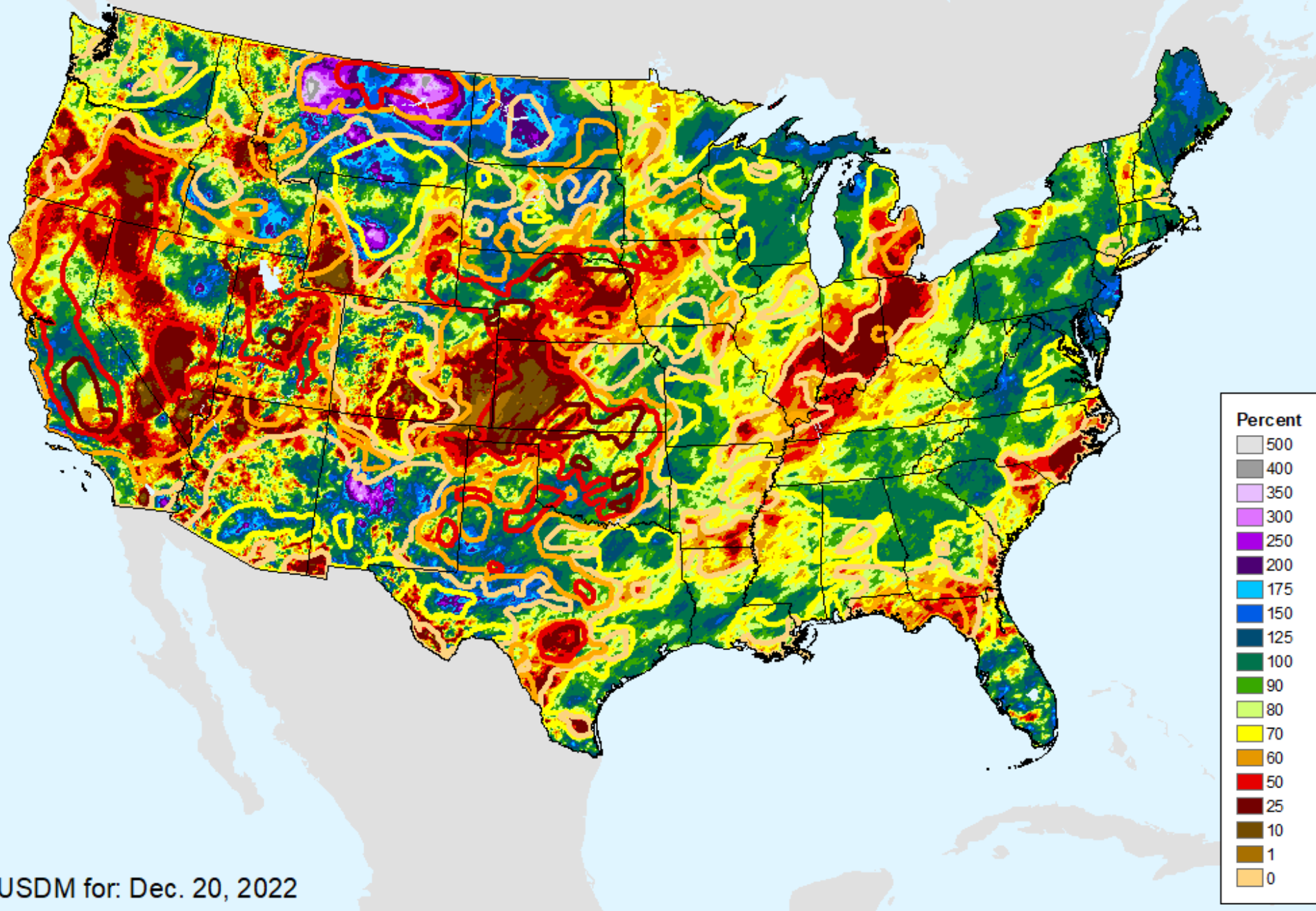
AHPS Water-Year Precip Departure

As of: Wednesday, December 28, 2022



AHPS Water-Year Pct of Normal Pcp

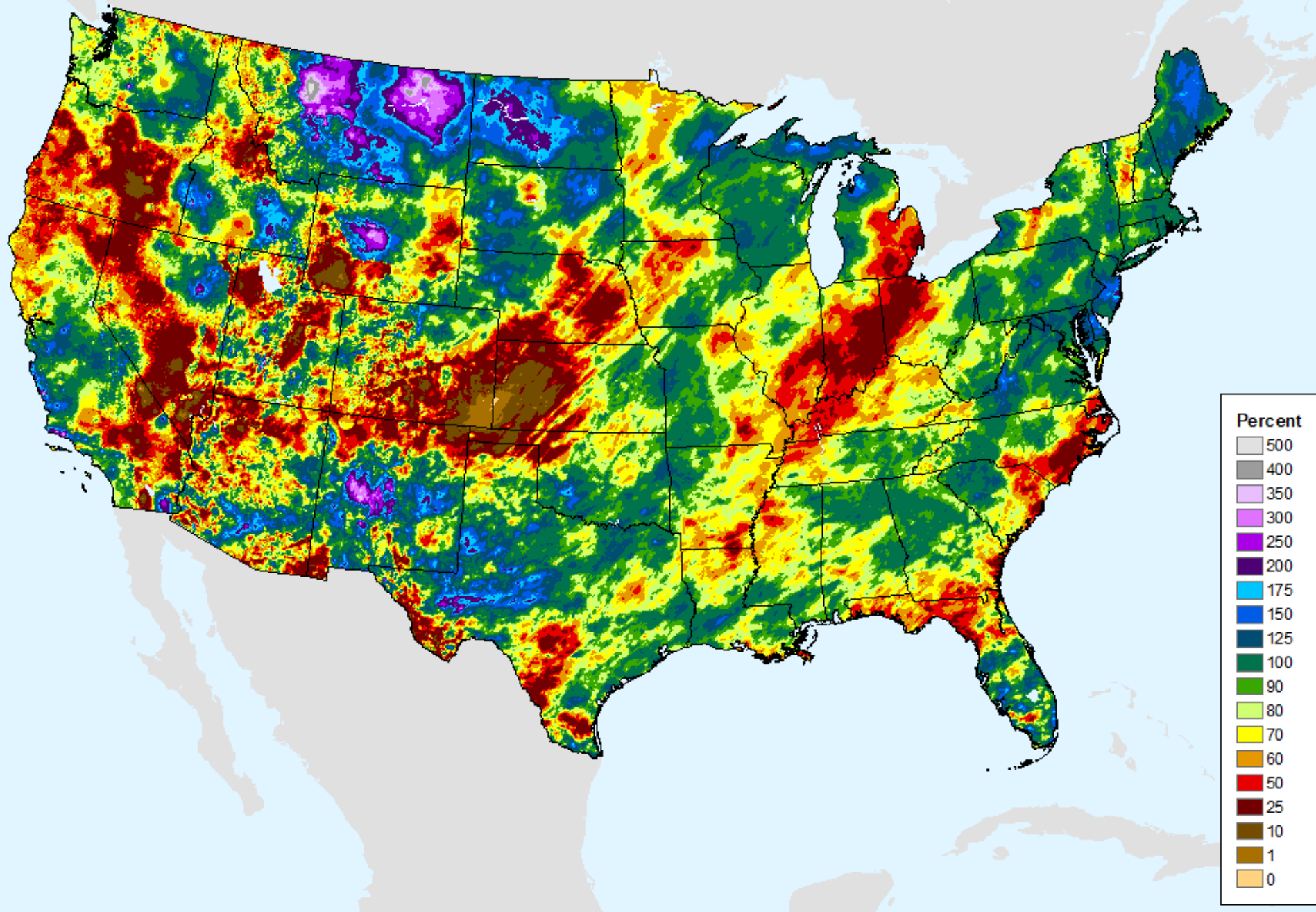
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

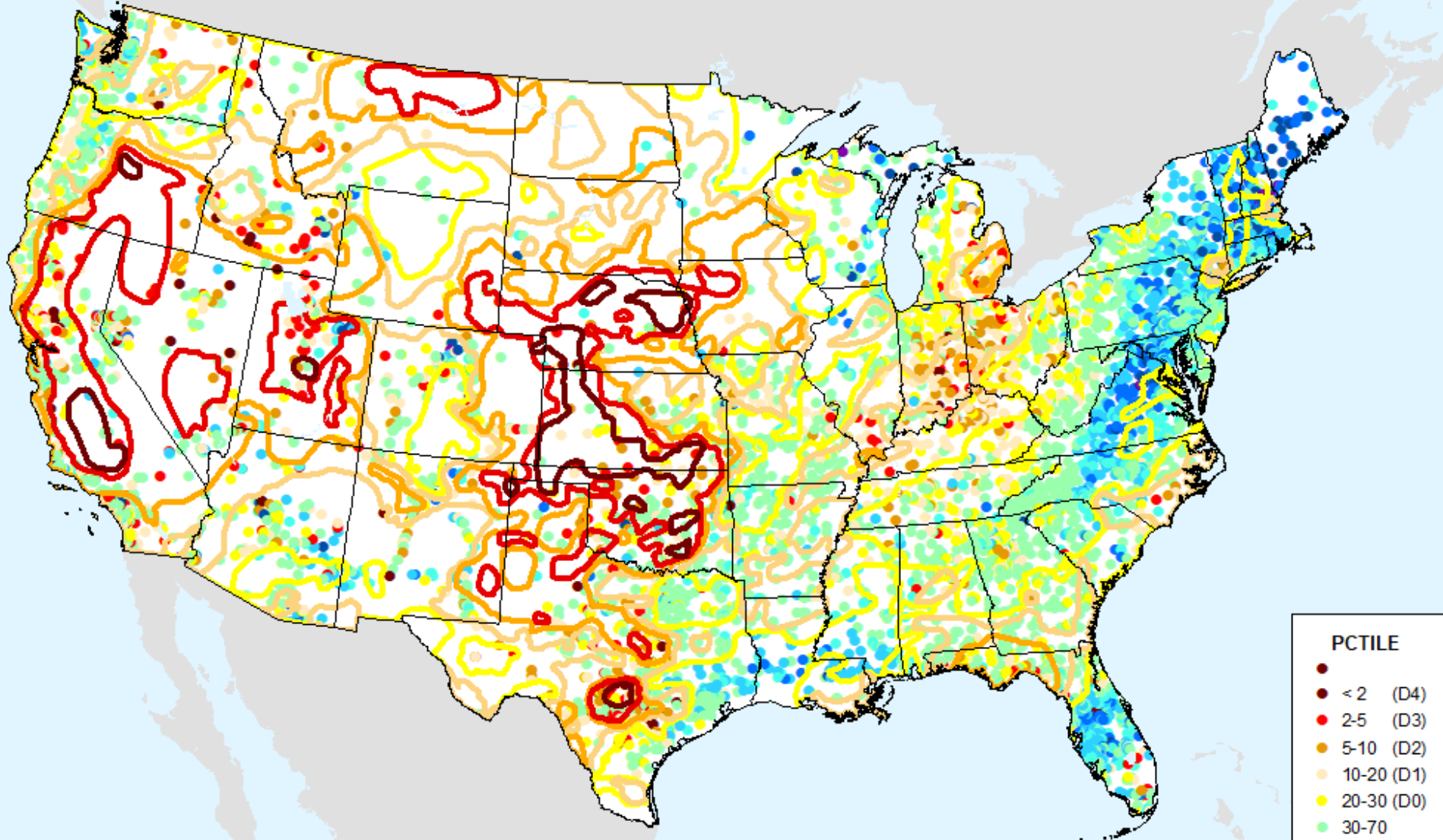
AHPS Water-Year Pct of Normal Pcp

As of: Wednesday, December 28, 2022



USGS 7-Day Avg Streamflow

As of: Wednesday, December 28, 2022

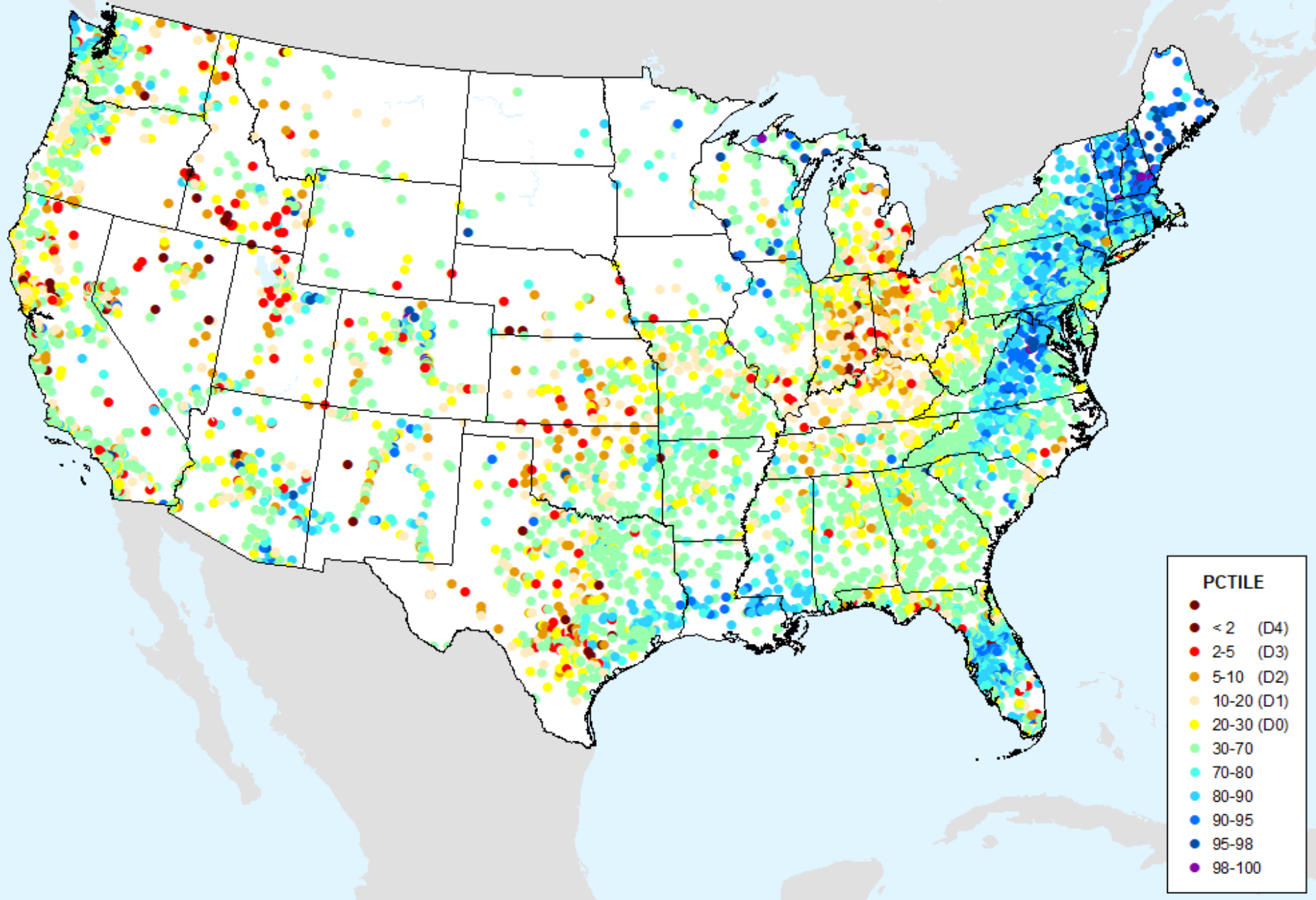


PCTILE	
●	< 2 (D4)
●	2-5 (D3)
●	5-10 (D2)
●	10-20 (D1)
●	20-30 (D0)
●	30-70
●	70-80
●	80-90
●	90-95
●	95-98
●	98-100

USDM for: Dec. 20, 2022

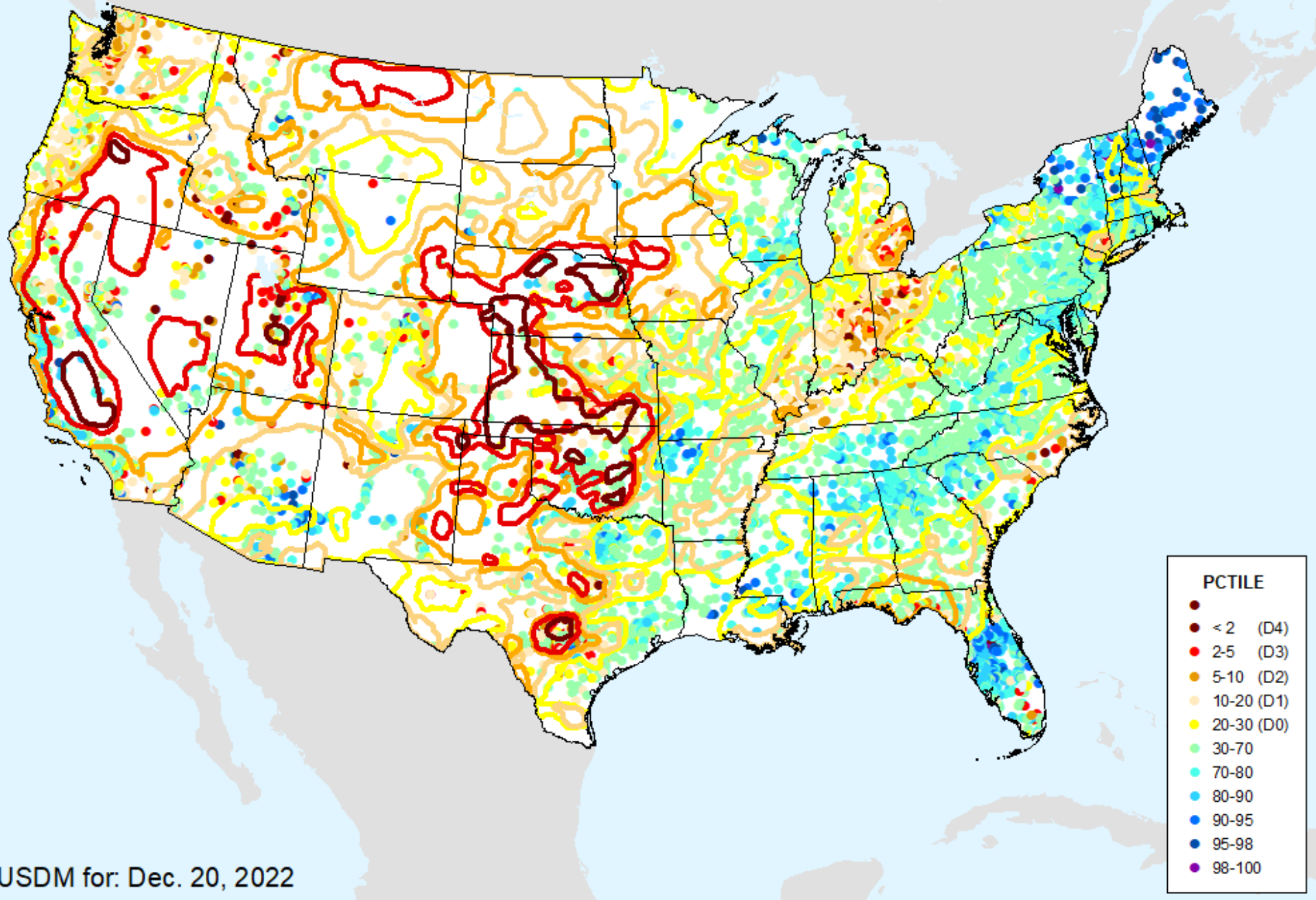
USGS 7-Day Avg Streamflow

As of: Wednesday, December 28, 2022



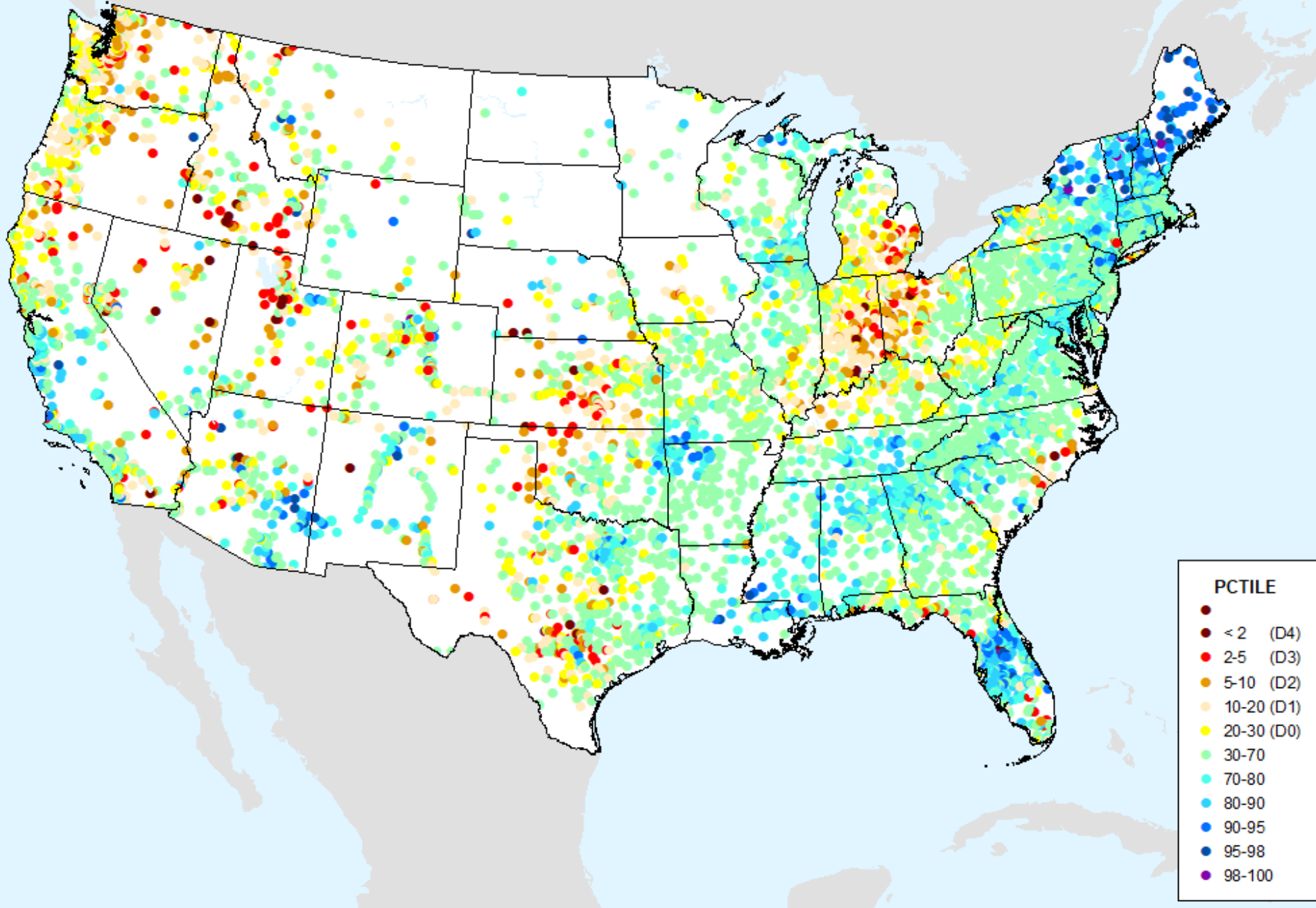
USGS 28-Day Avg Streamflow

As of: Wednesday, December 28, 2022



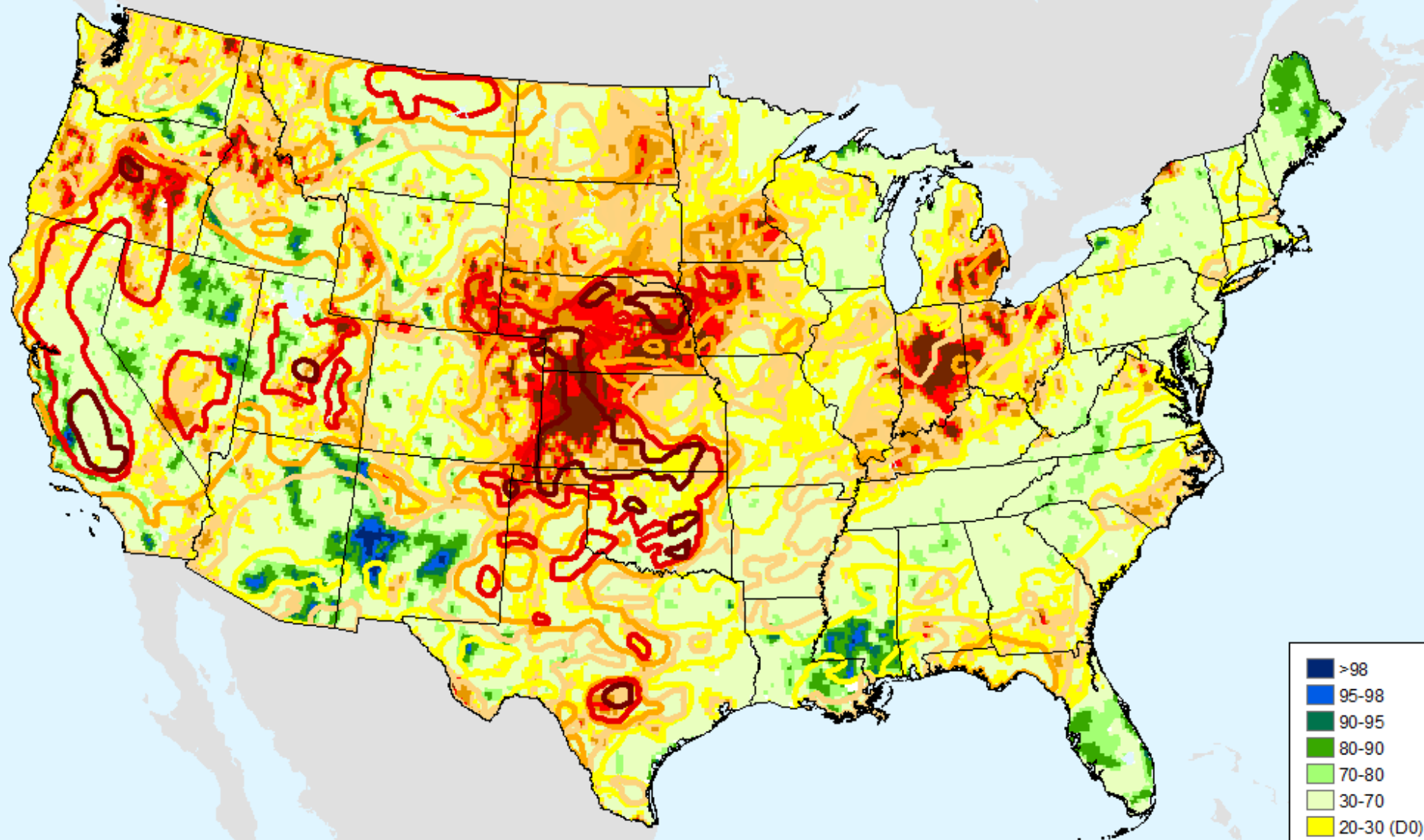
USGS 28-Day Avg Streamflow

As of: Wednesday, December 28, 2022



NLDAS-2 Ensemble Soil Moisture

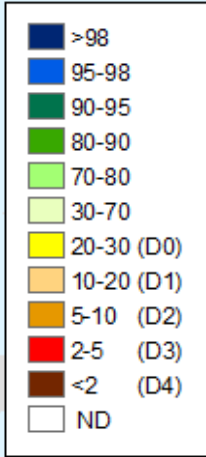
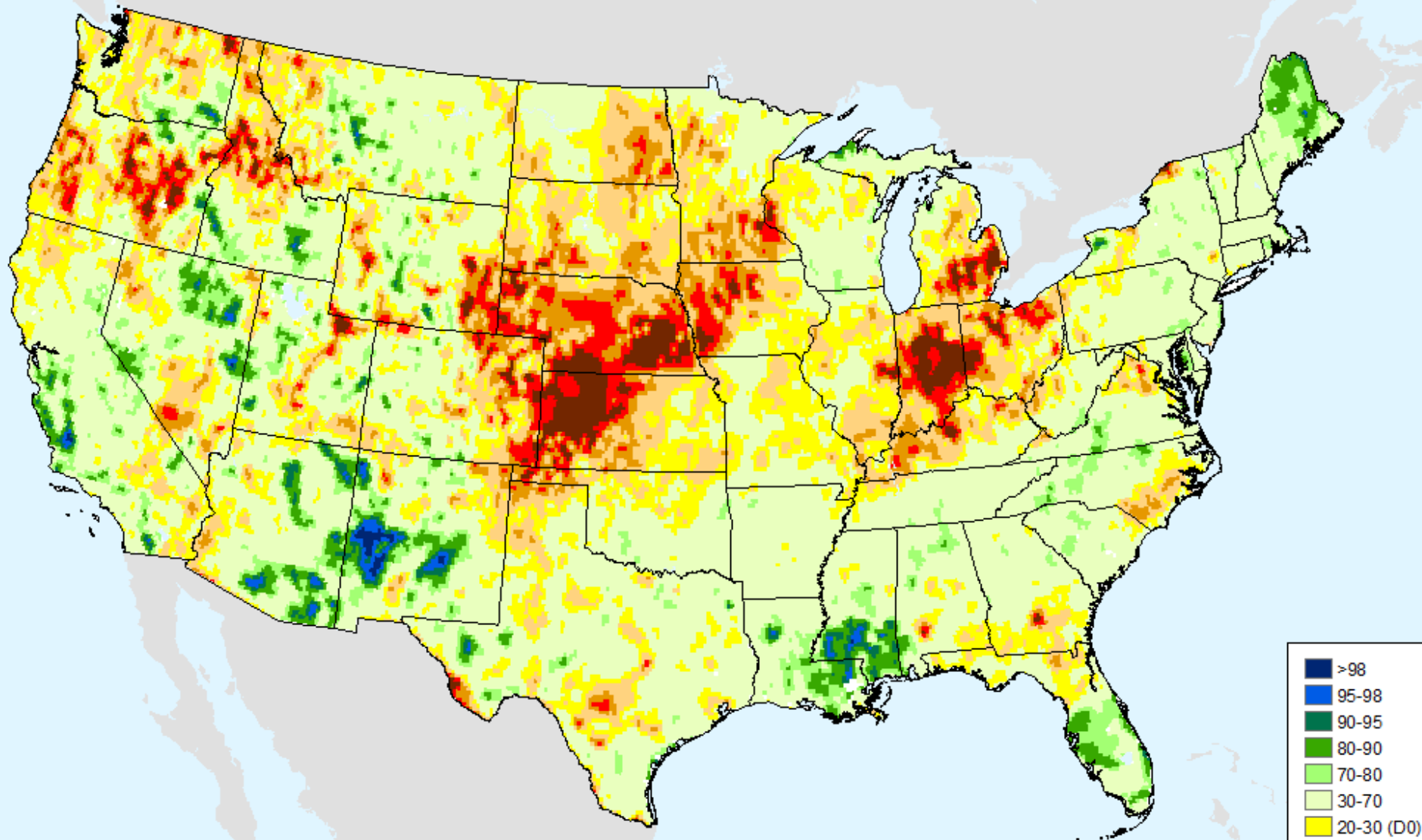
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

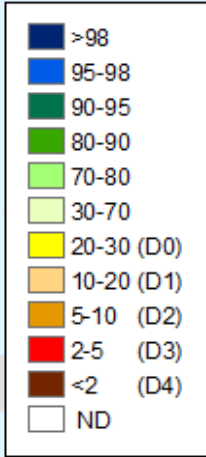
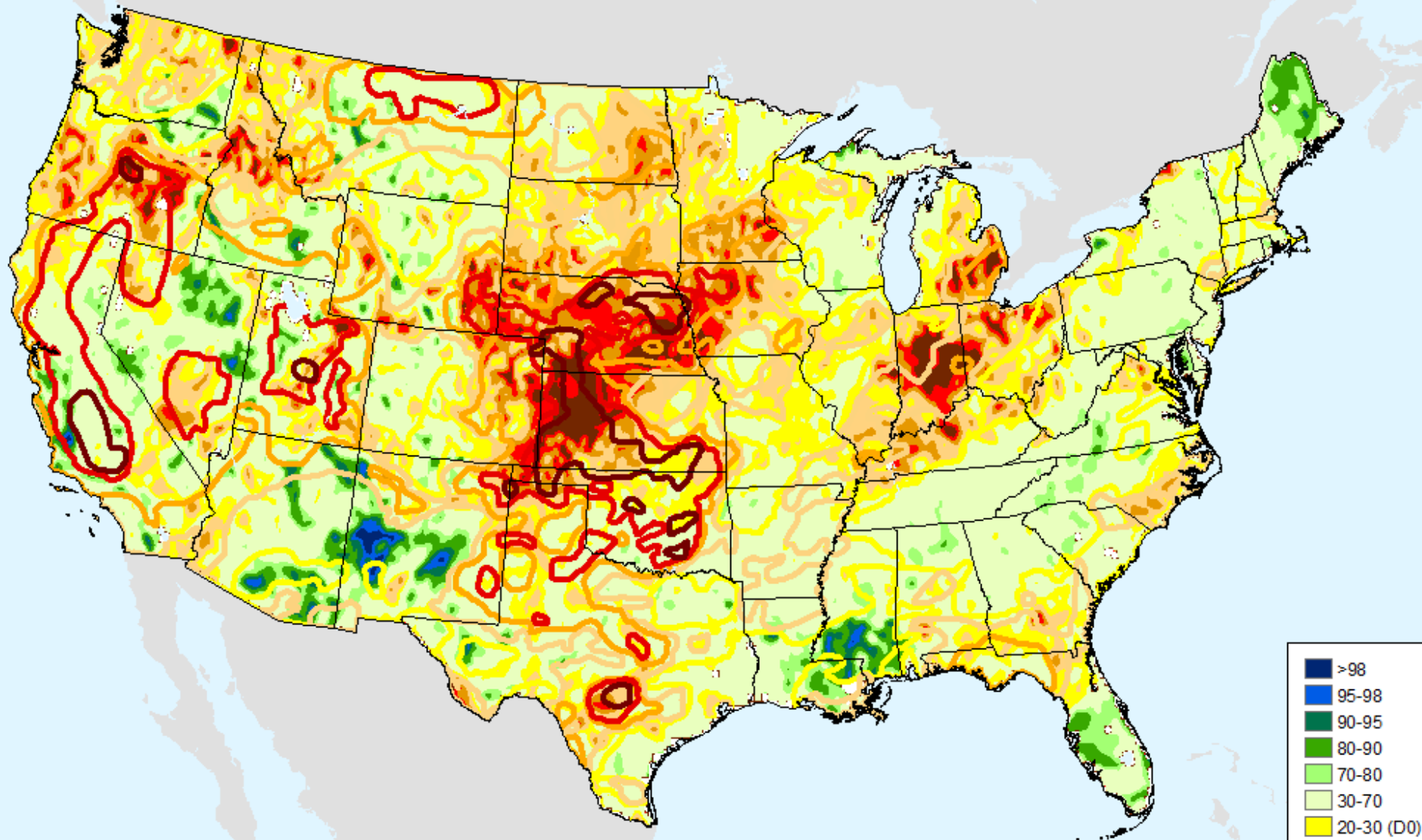
NLDAS-2 Ensemble Soil Moisture

As of: Wednesday, December 28, 2022



NLDAS-2 Ensemble Soil Moisture

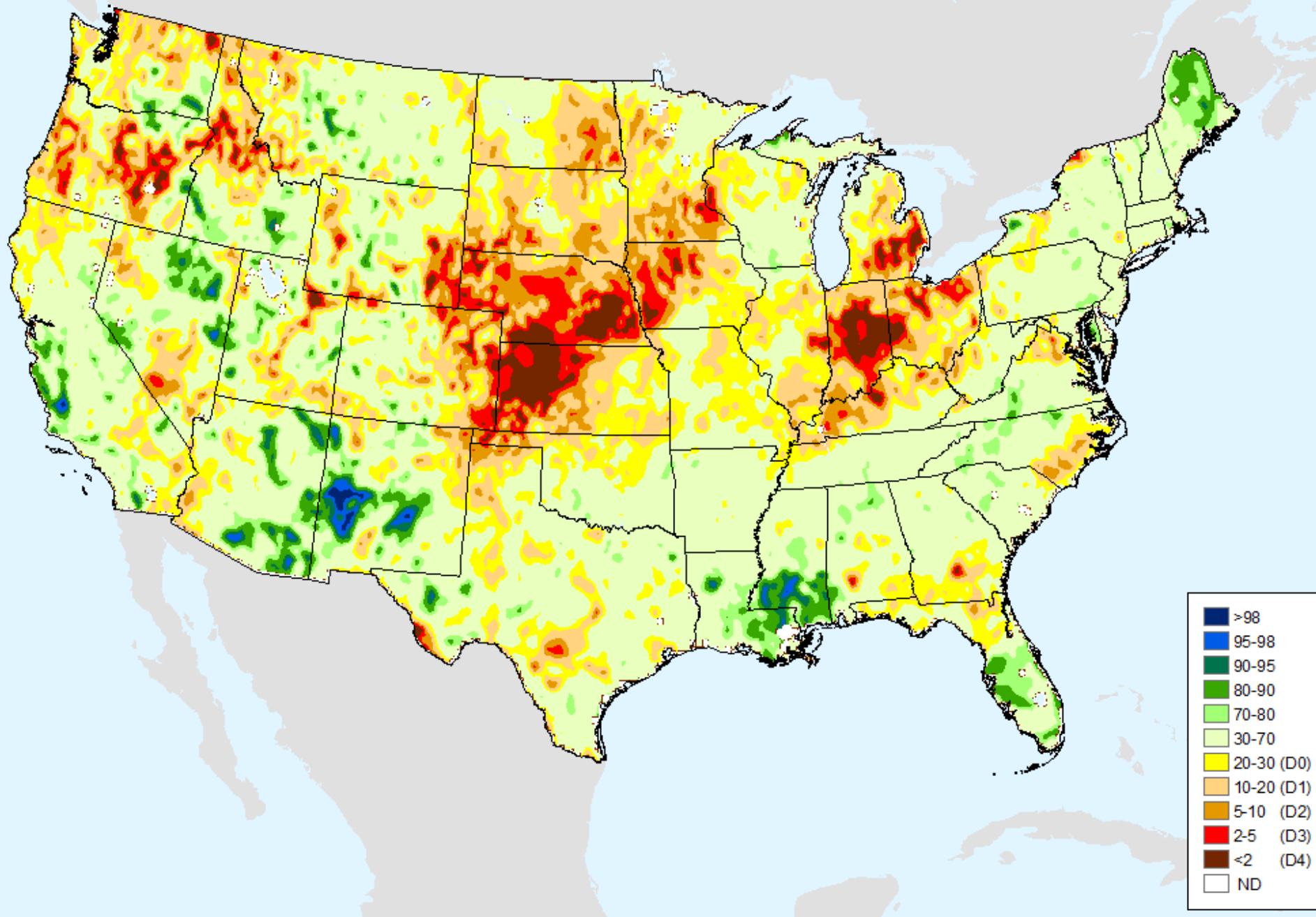
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

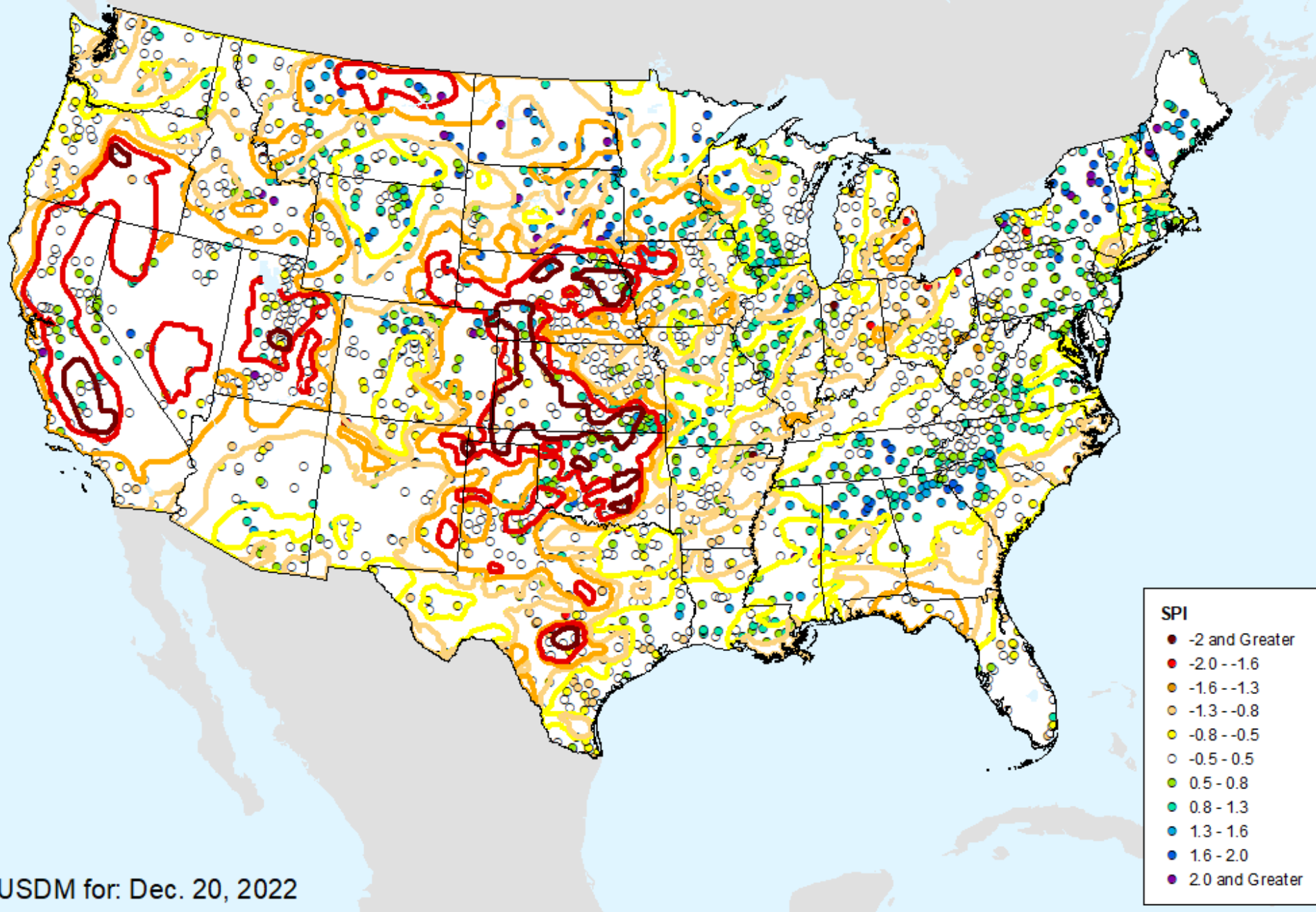
NLDAS-2 Ensemble Soil Moisture

As of: Wednesday, December 28, 2022



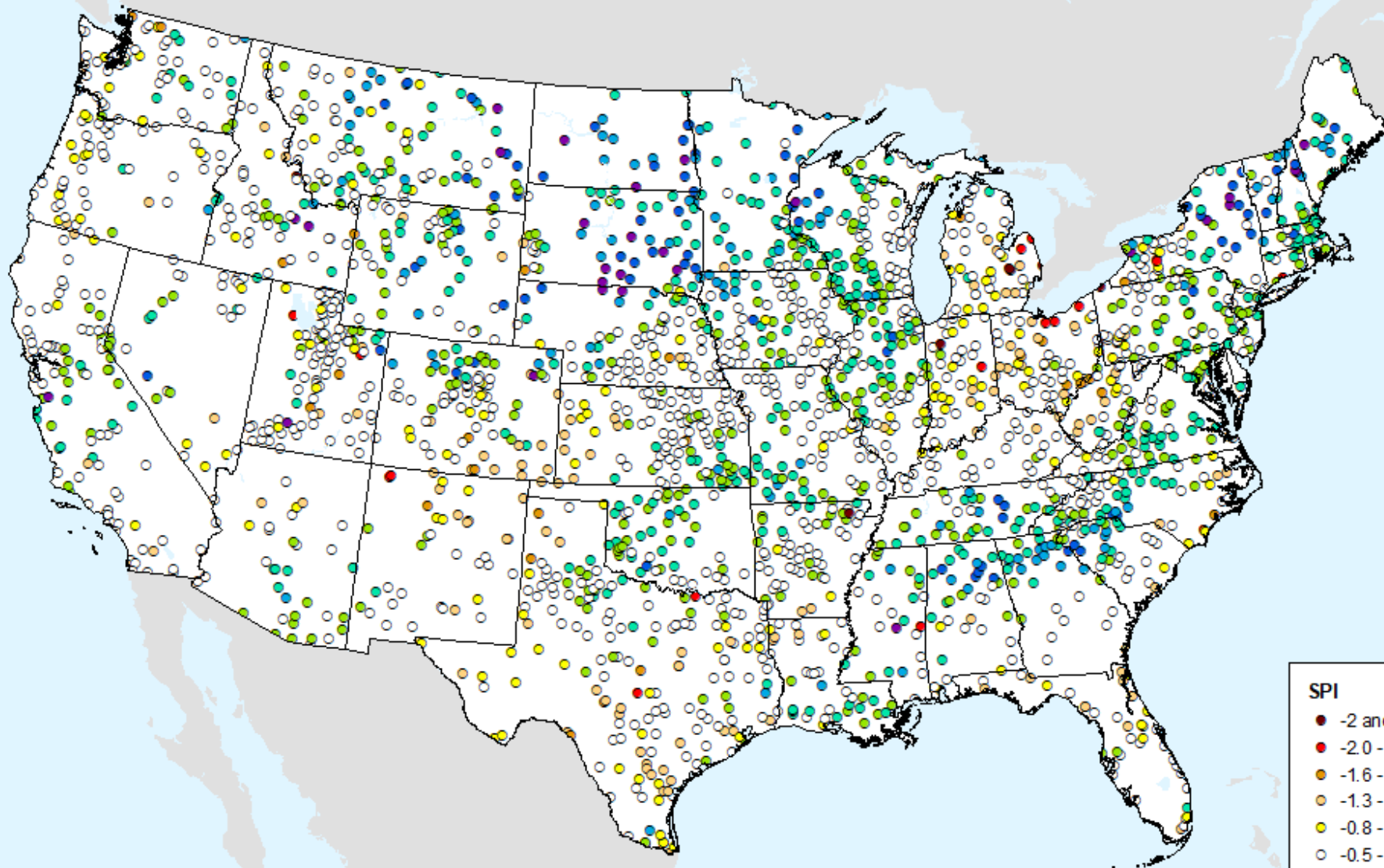
HPRCC 1-month SPI

As of: Wednesday, December 28, 2022



HPRCC 1-month SPI

As of: Wednesday, December 28, 2022

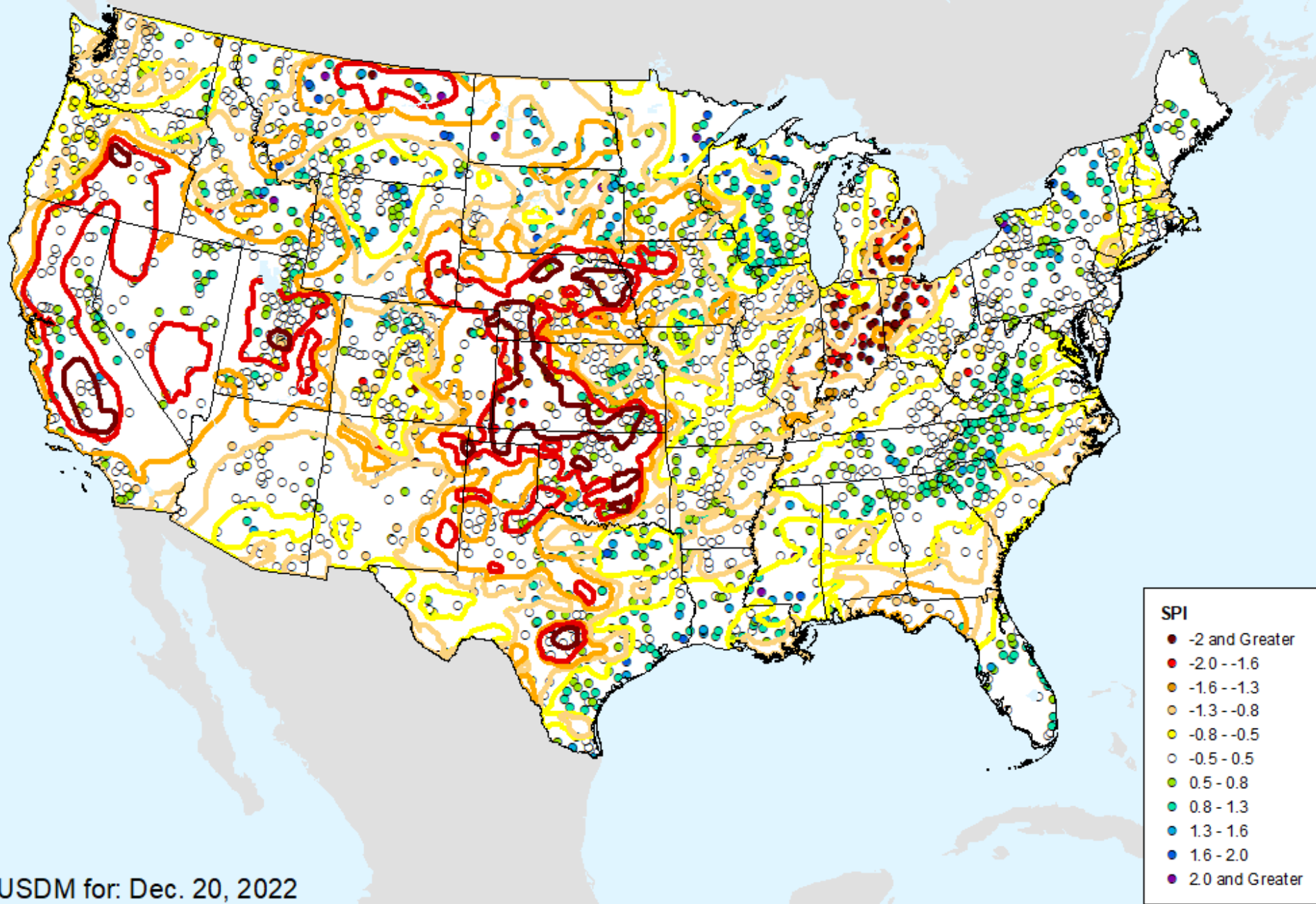


SPI

- -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

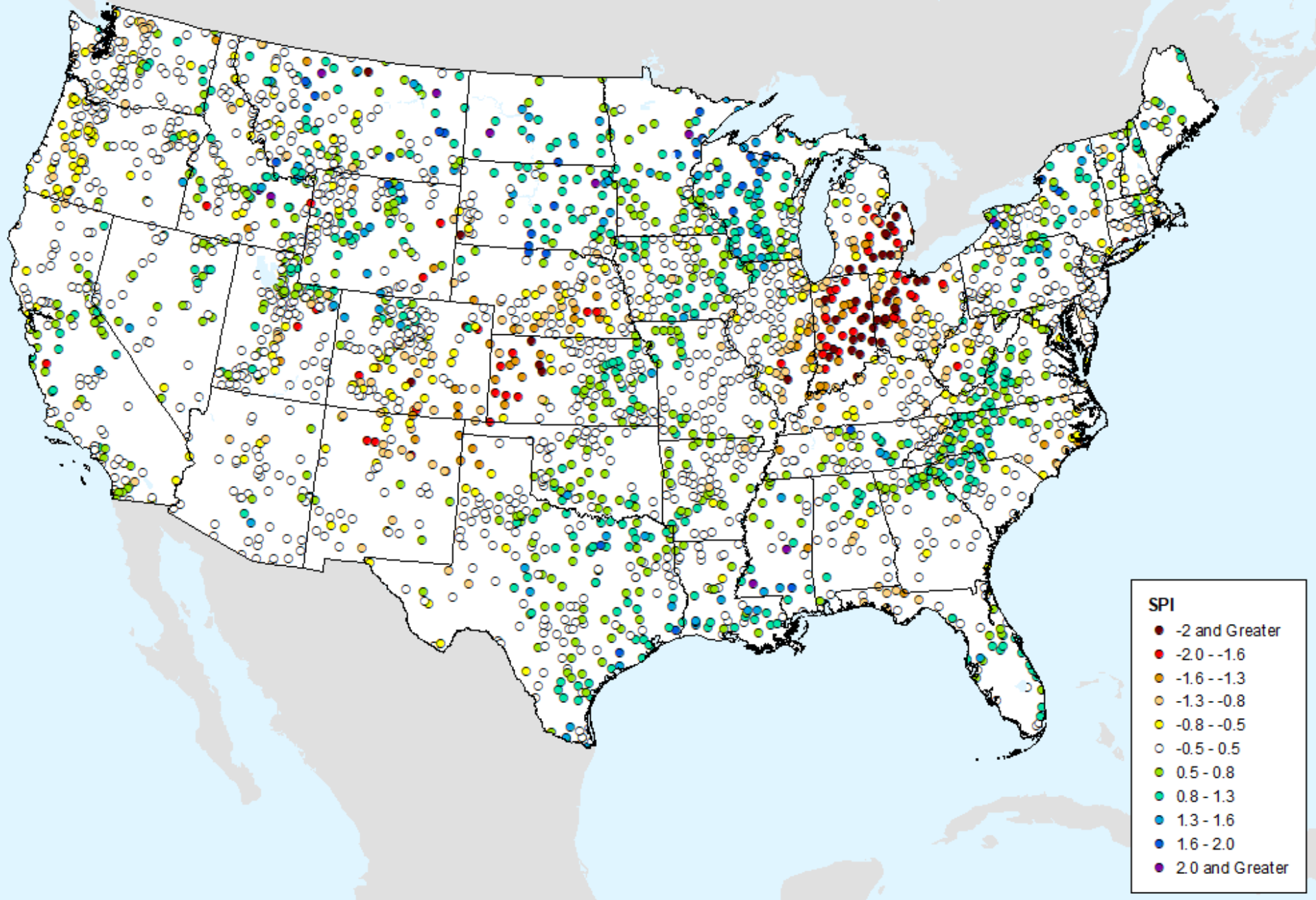
HPRCC 2-month SPI

As of: Wednesday, December 28, 2022



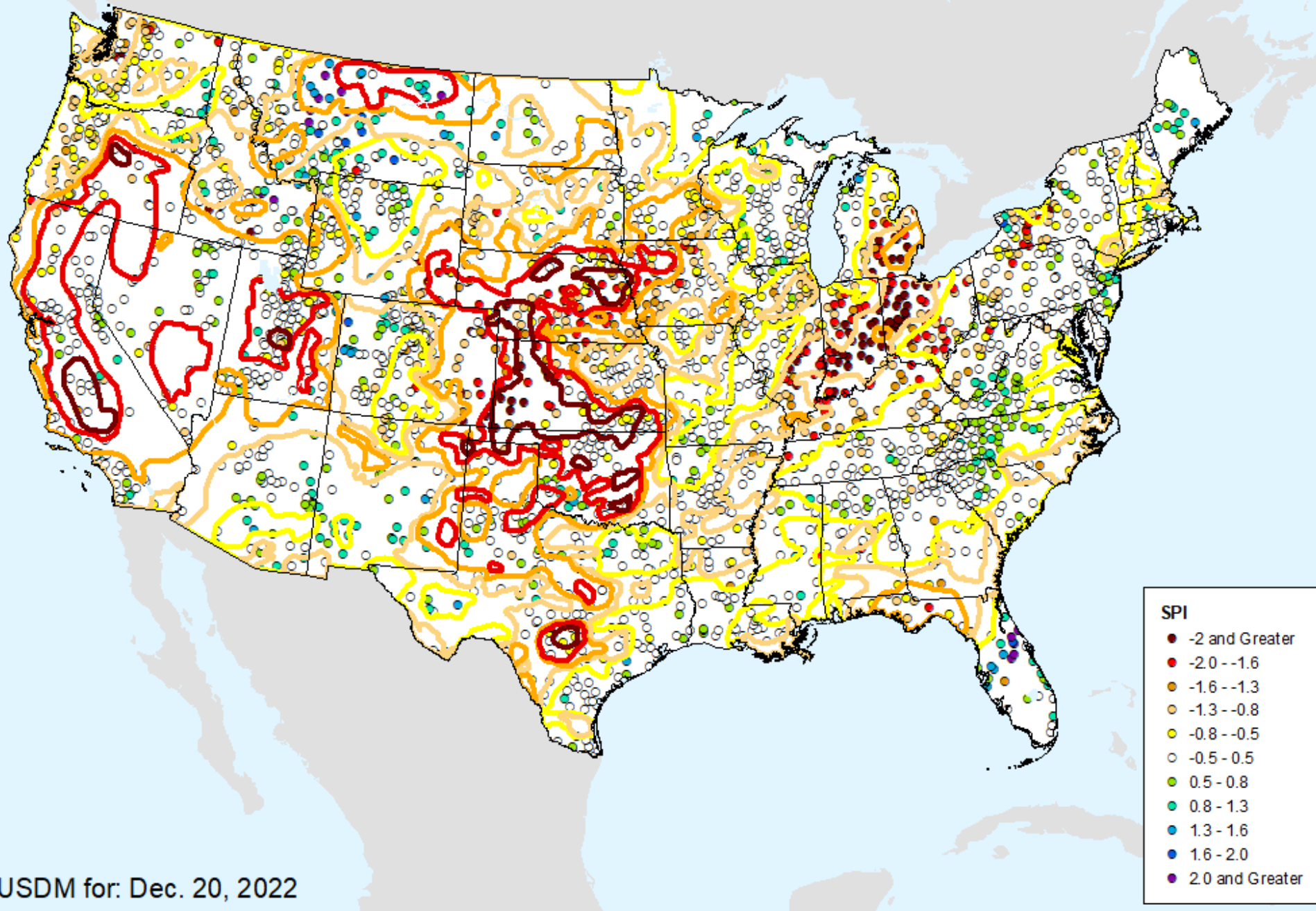
HPRCC 2-month SPI

As of: Wednesday, December 28, 2022



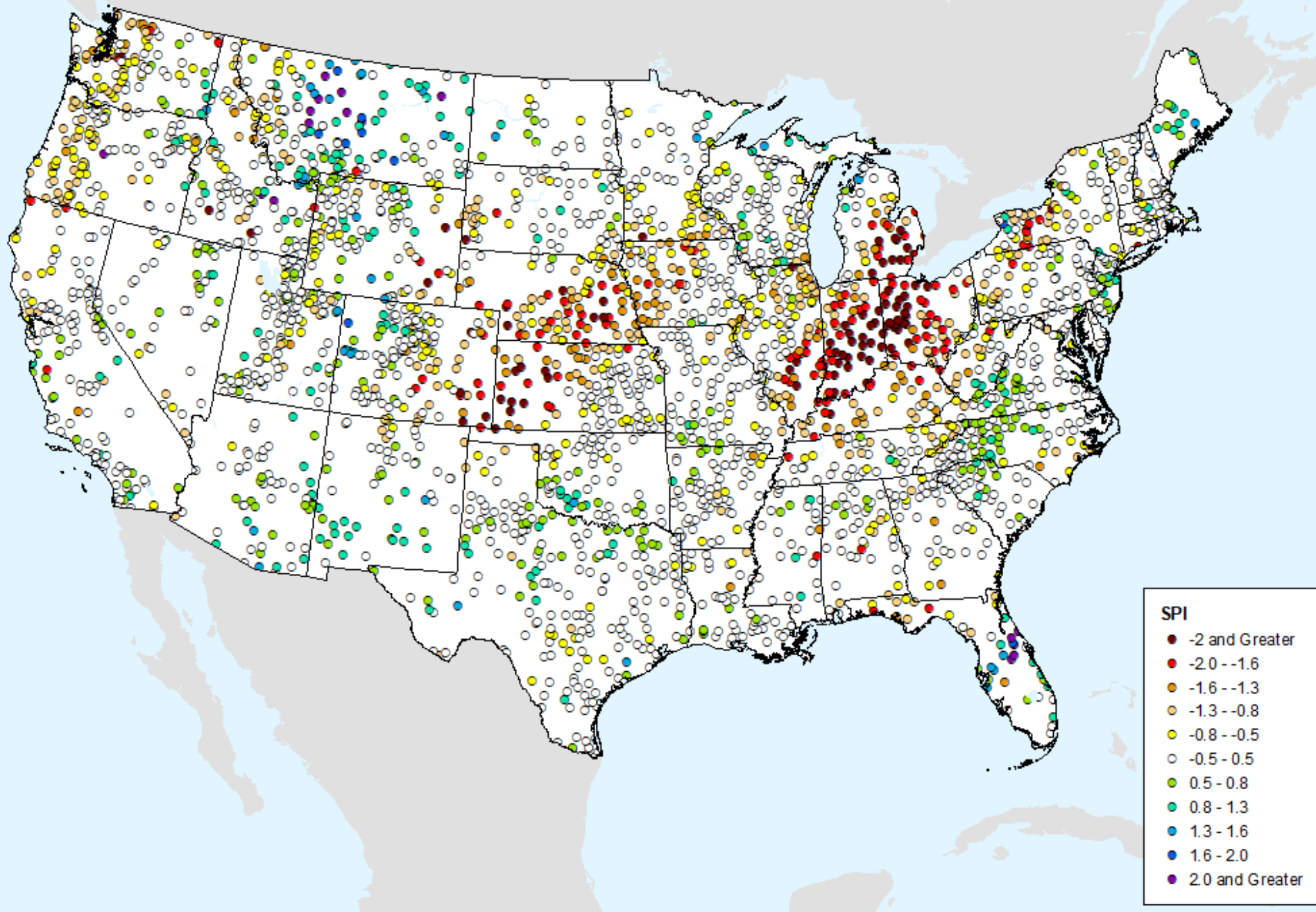
HPRCC 3-month SPI

As of: Wednesday, December 28, 2022



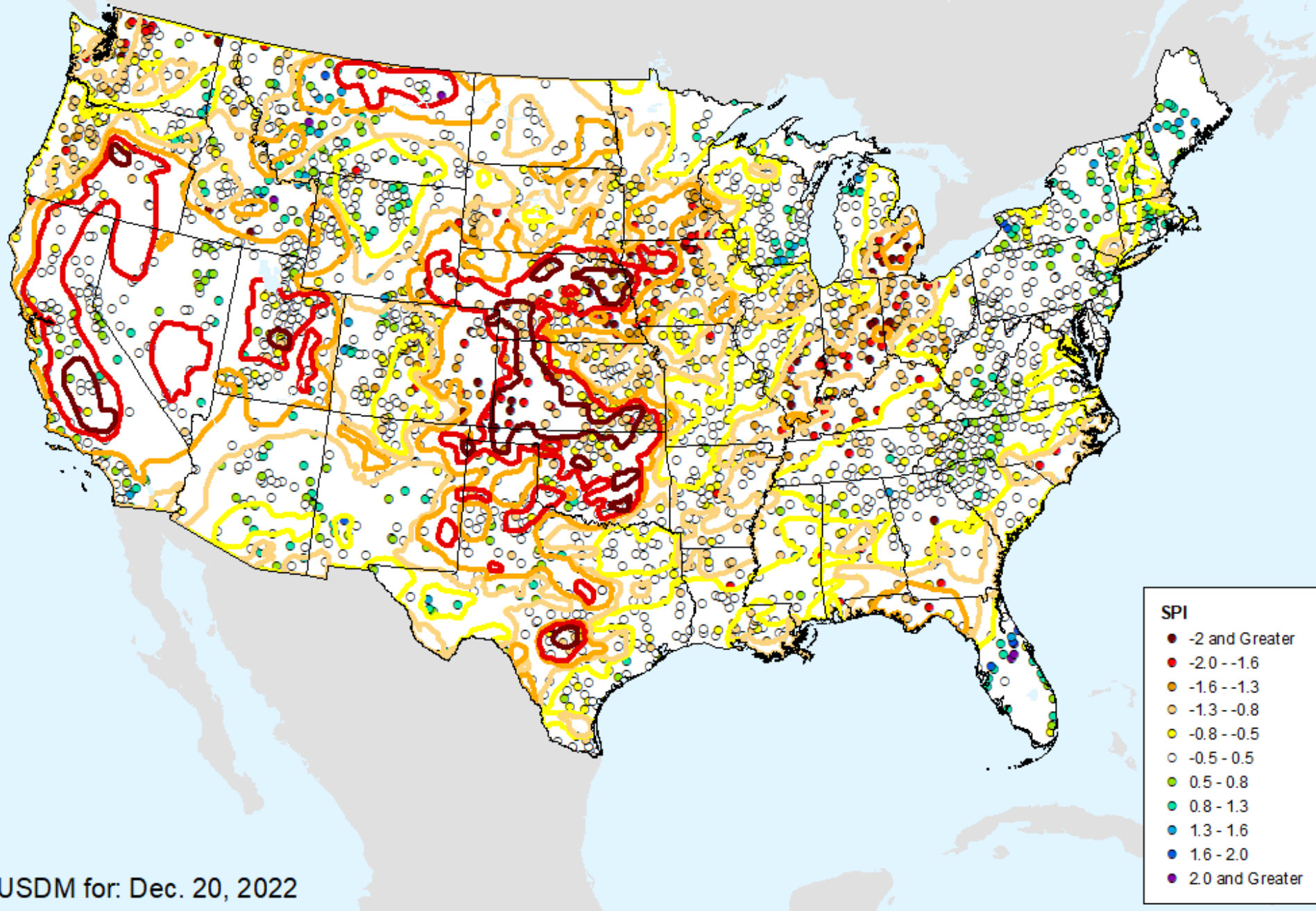
HPRCC 3-month SPI

As of: Wednesday, December 28, 2022



HPRCC 4-month SPI

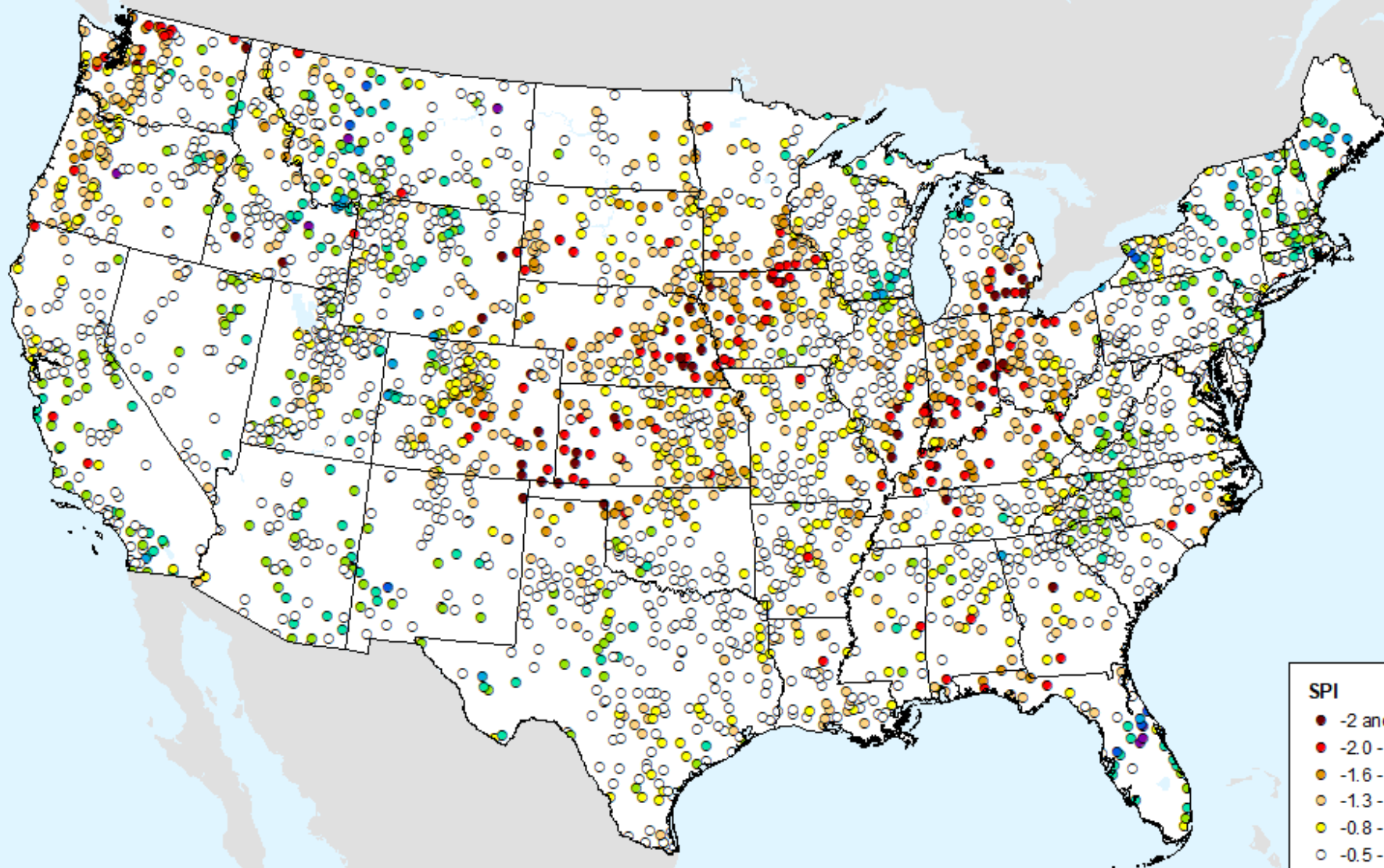
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

HPRCC 4-month SPI

As of: Wednesday, December 28, 2022

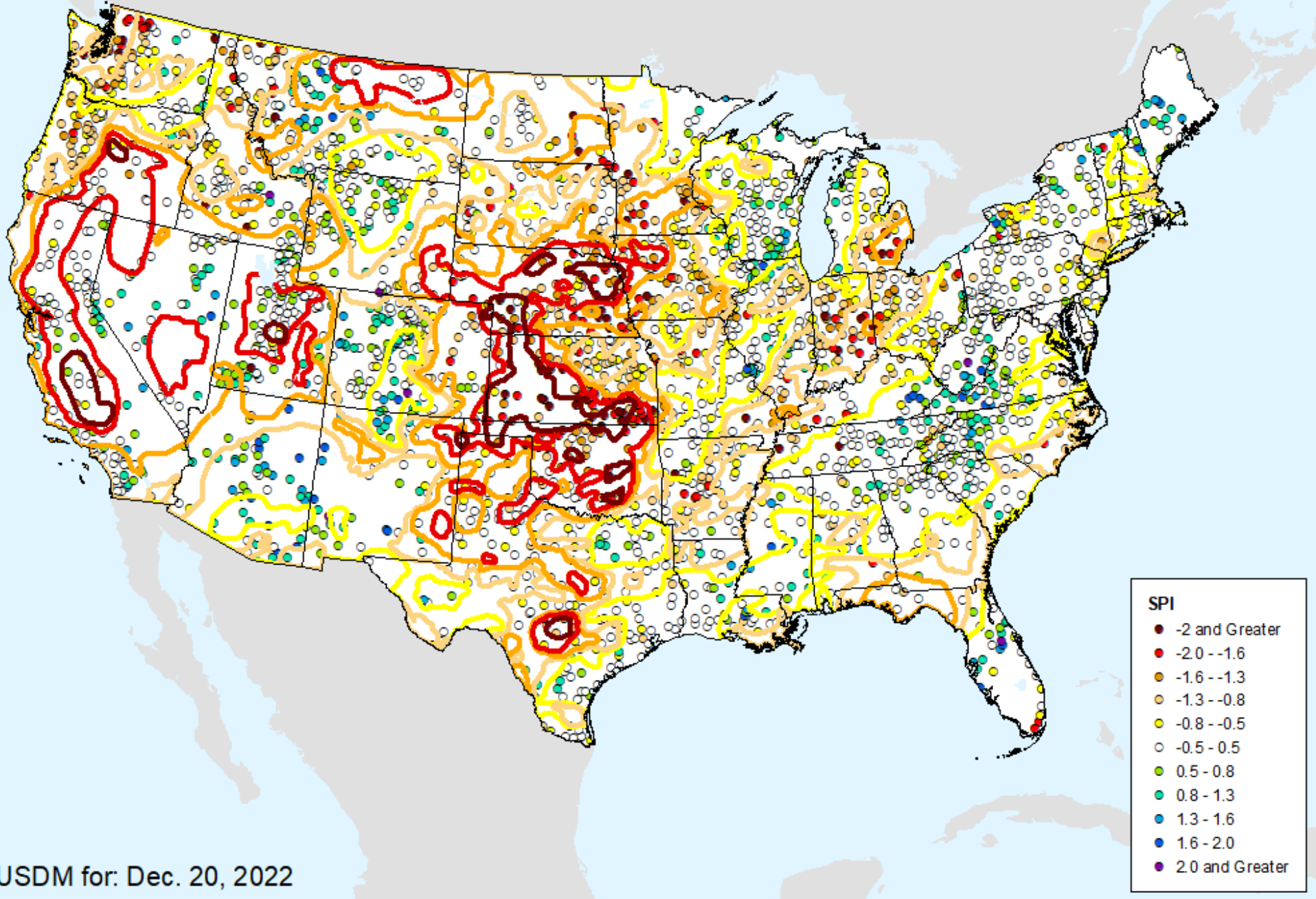


SPI

- -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

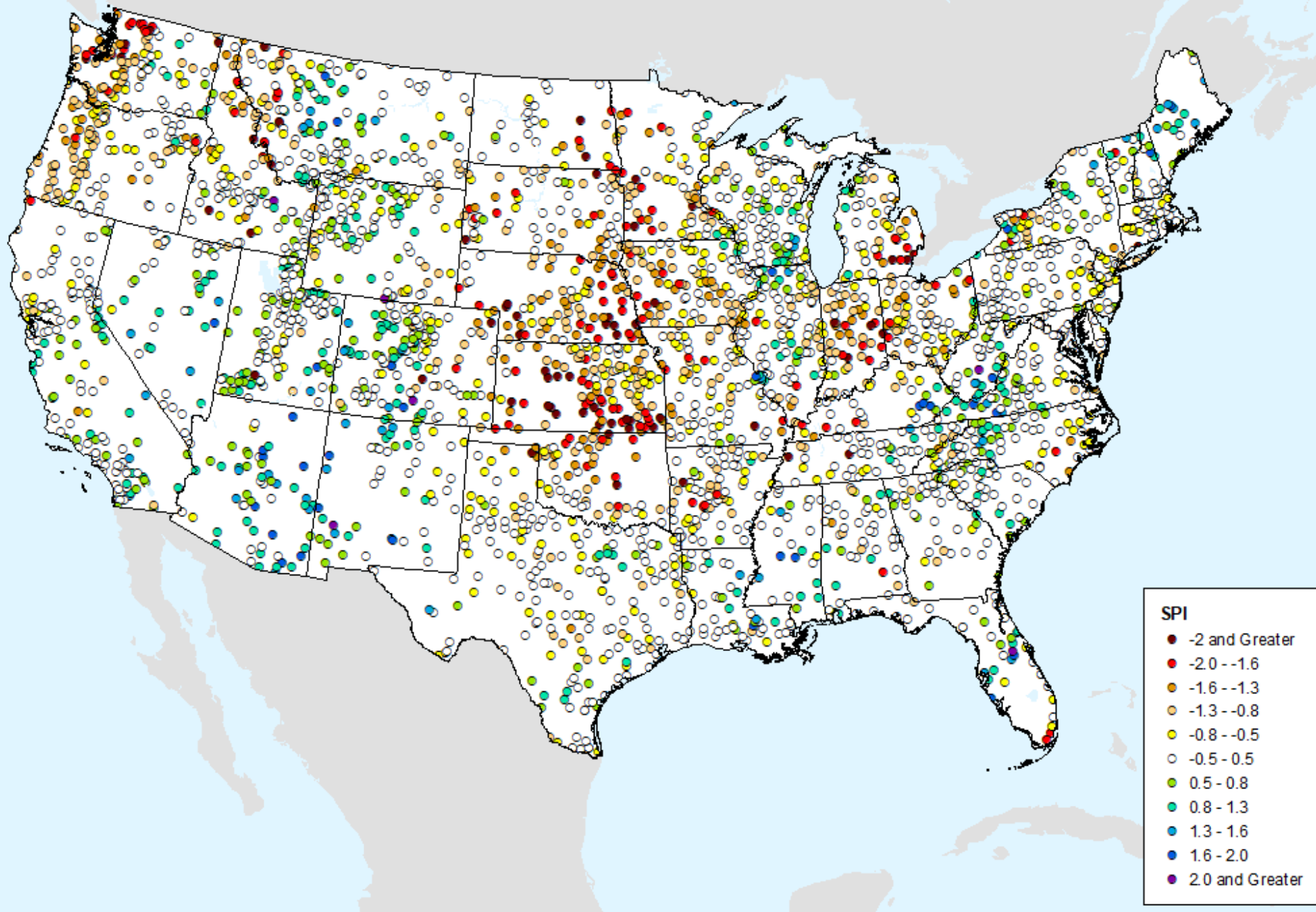
HPRCC 6-month SPI

As of: Wednesday, December 28, 2022



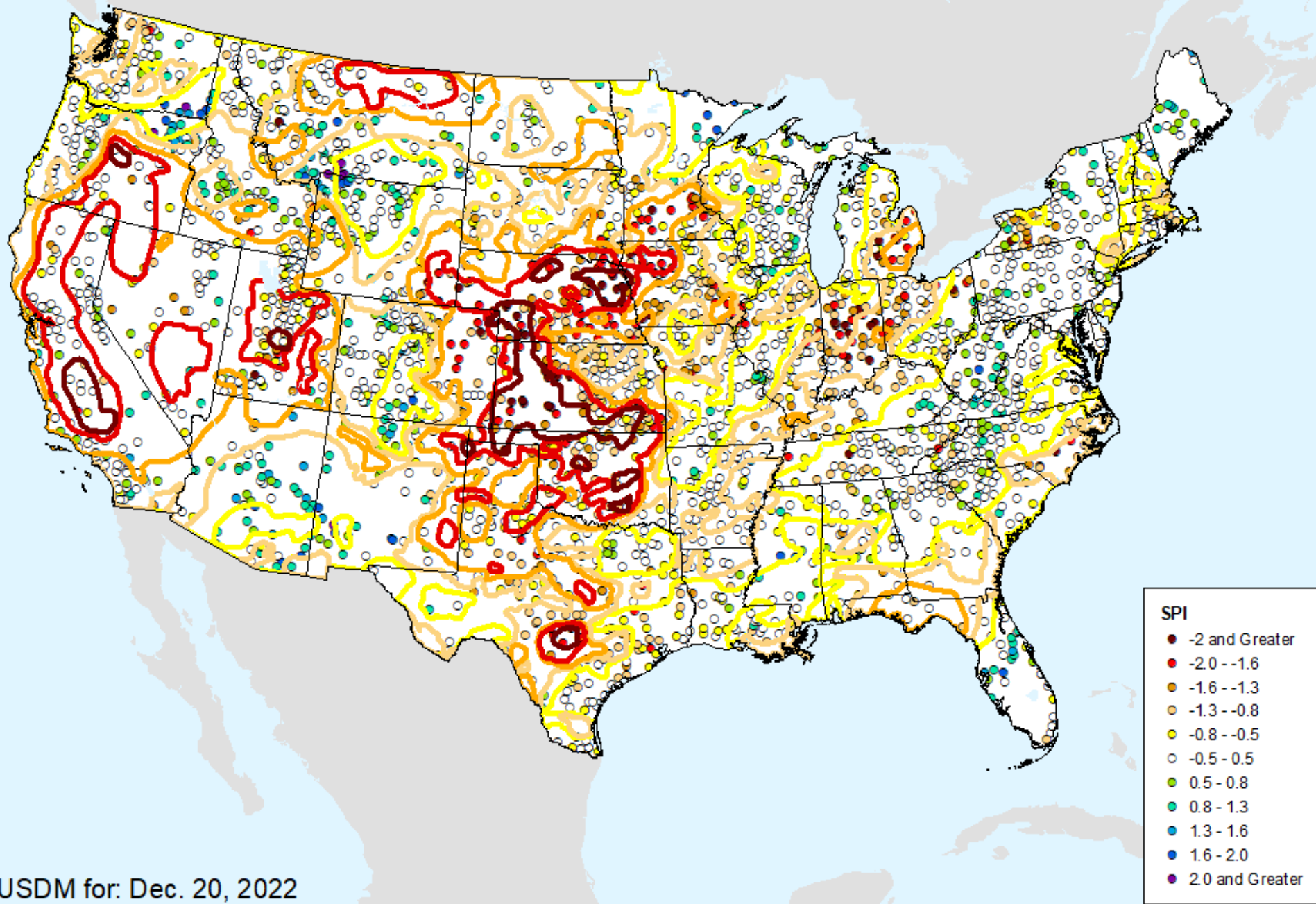
HPRCC 6-month SPI

As of: Wednesday, December 28, 2022



HPRCC 9-month SPI

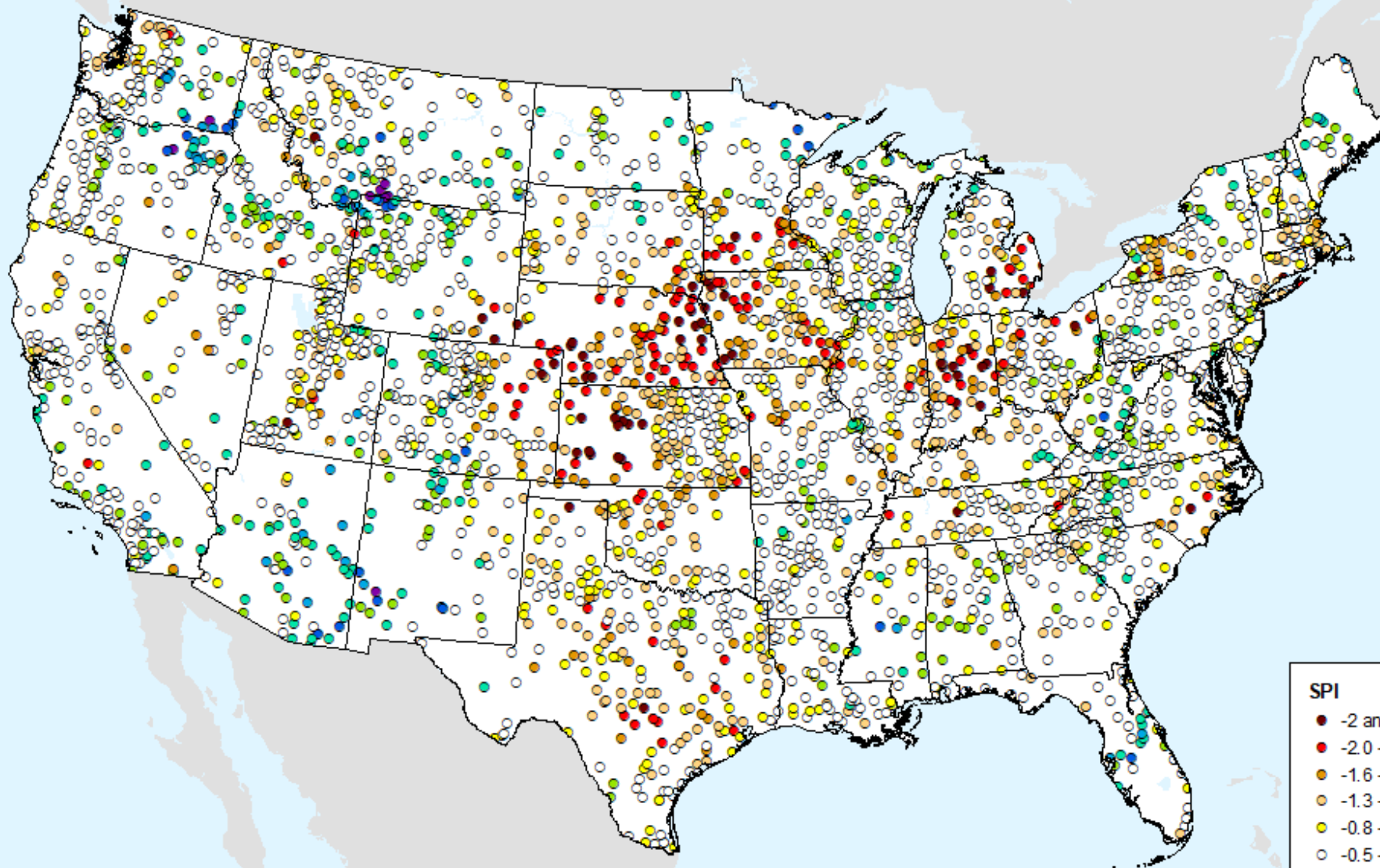
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

HPRCC 9-month SPI

As of: Wednesday, December 28, 2022

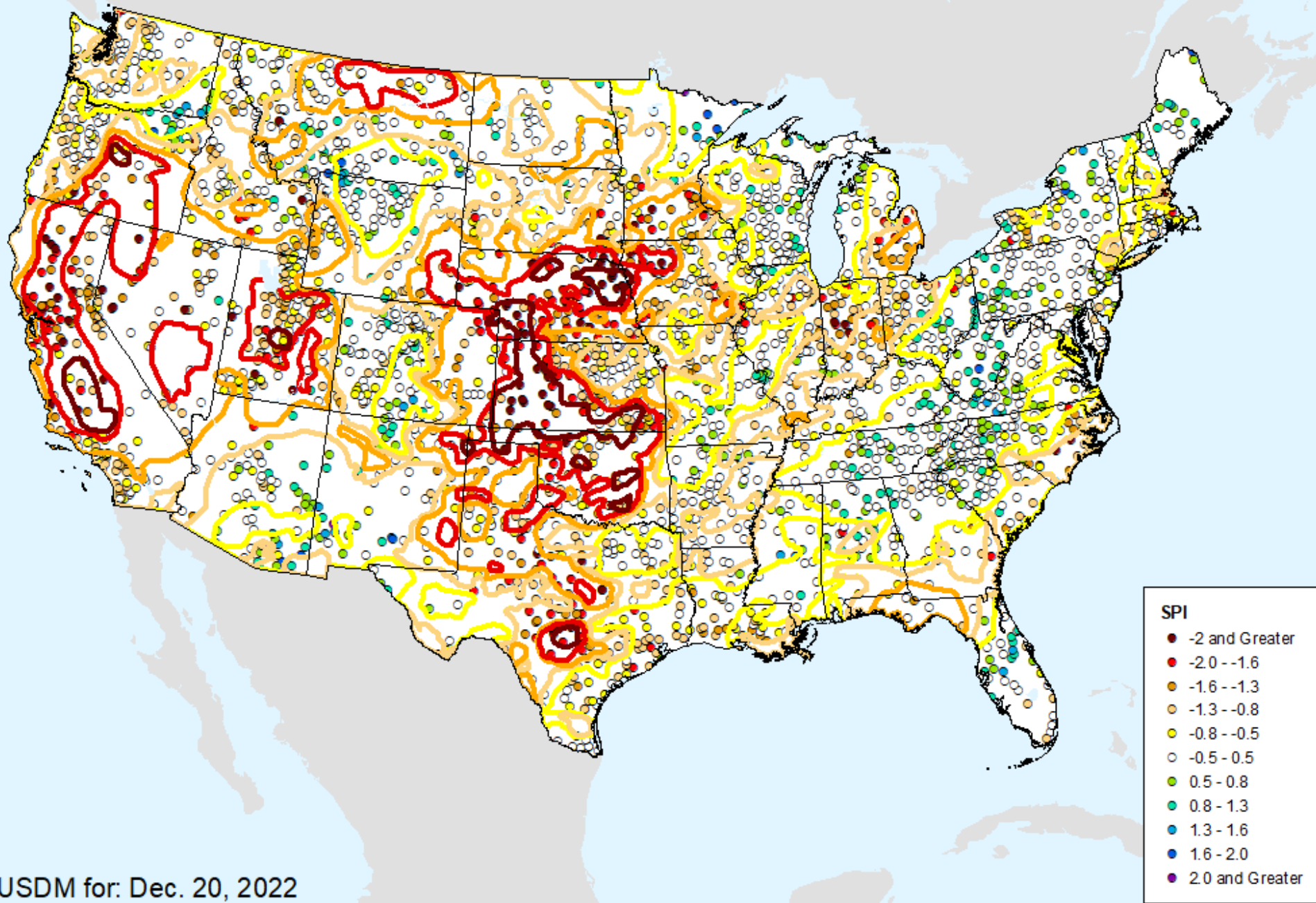


SPI

- -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

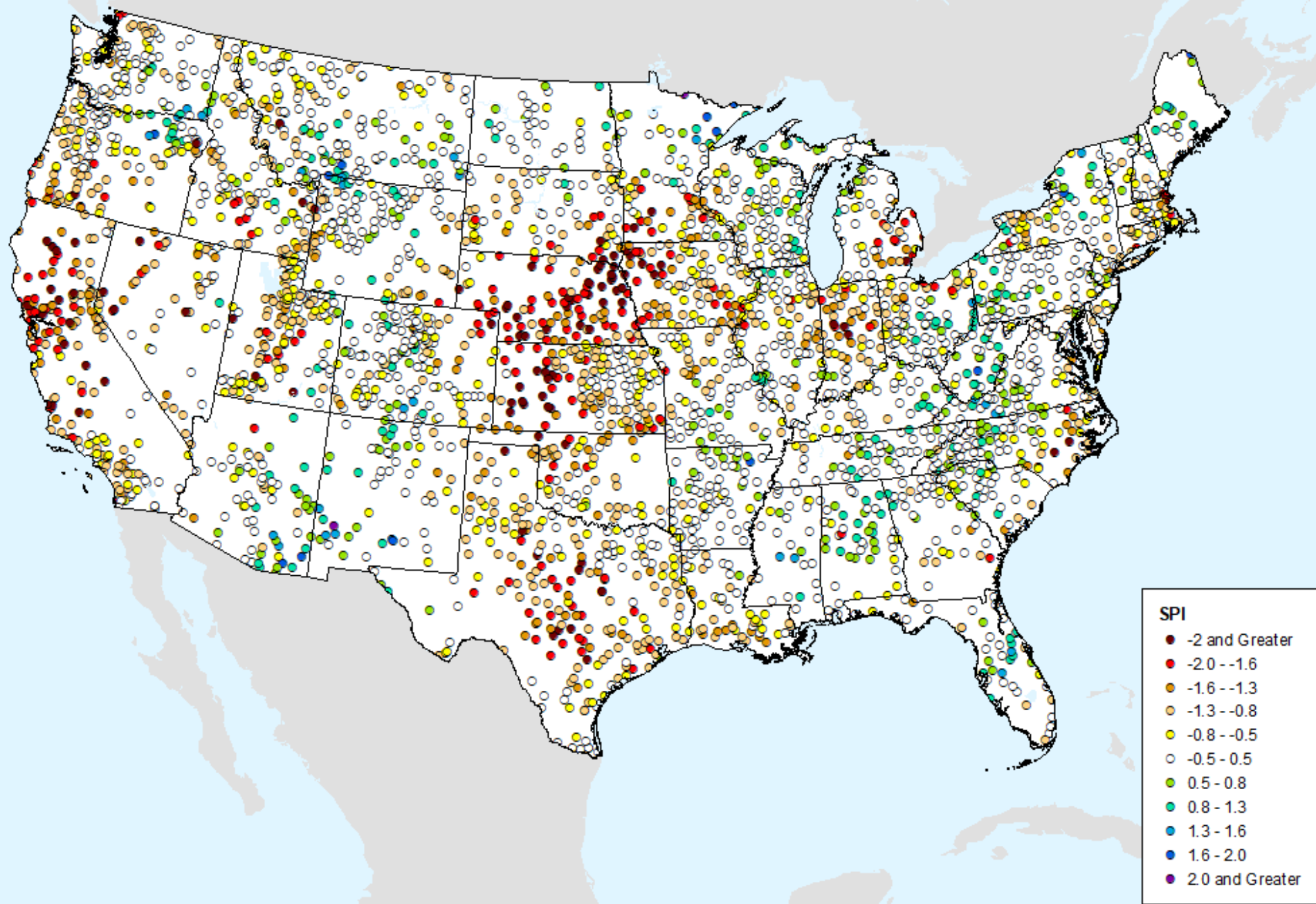
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

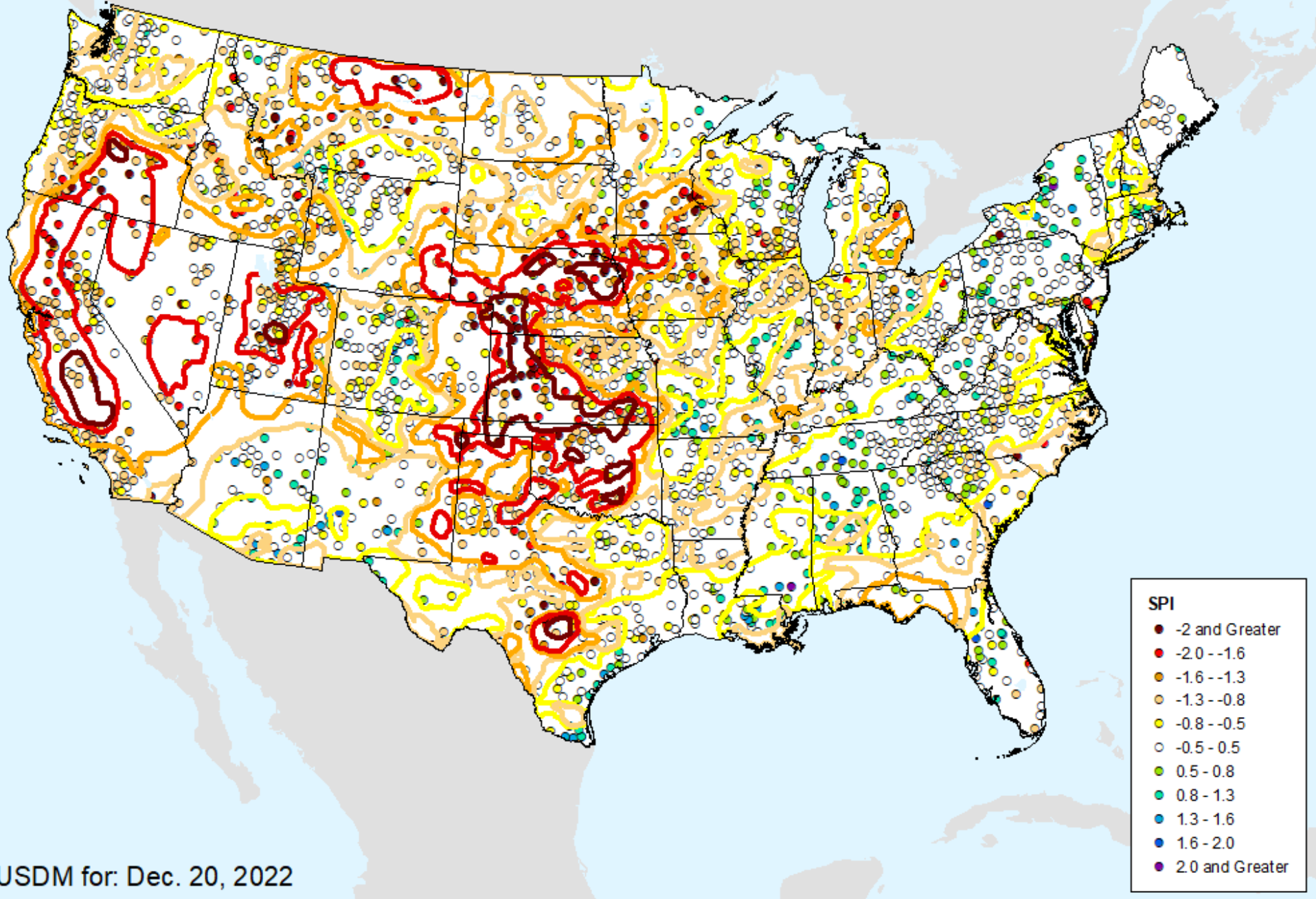
HPRCC 12-month SPI

As of: Wednesday, December 28, 2022



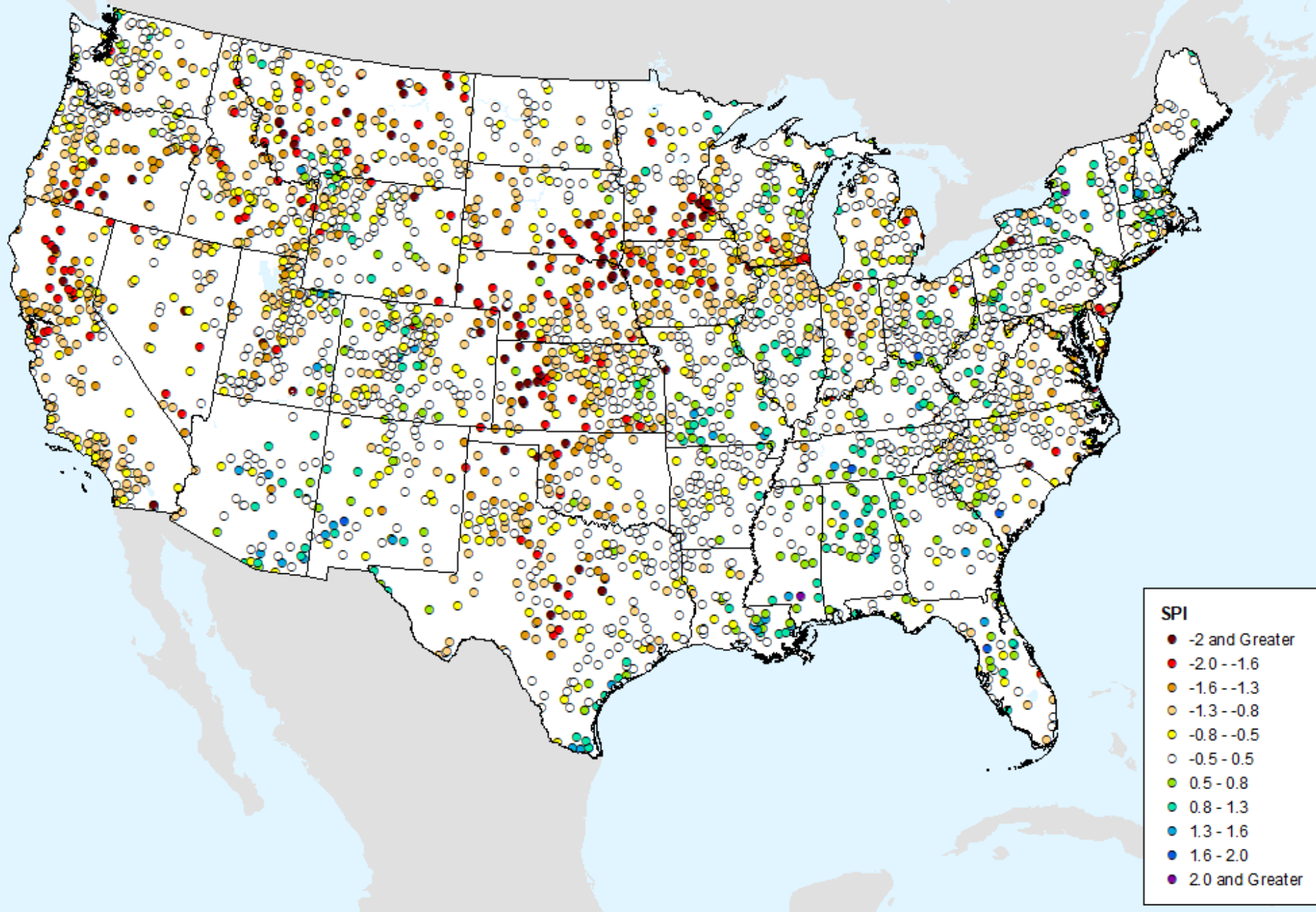
HPRCC 24-month SPI

As of: Wednesday, December 28, 2022



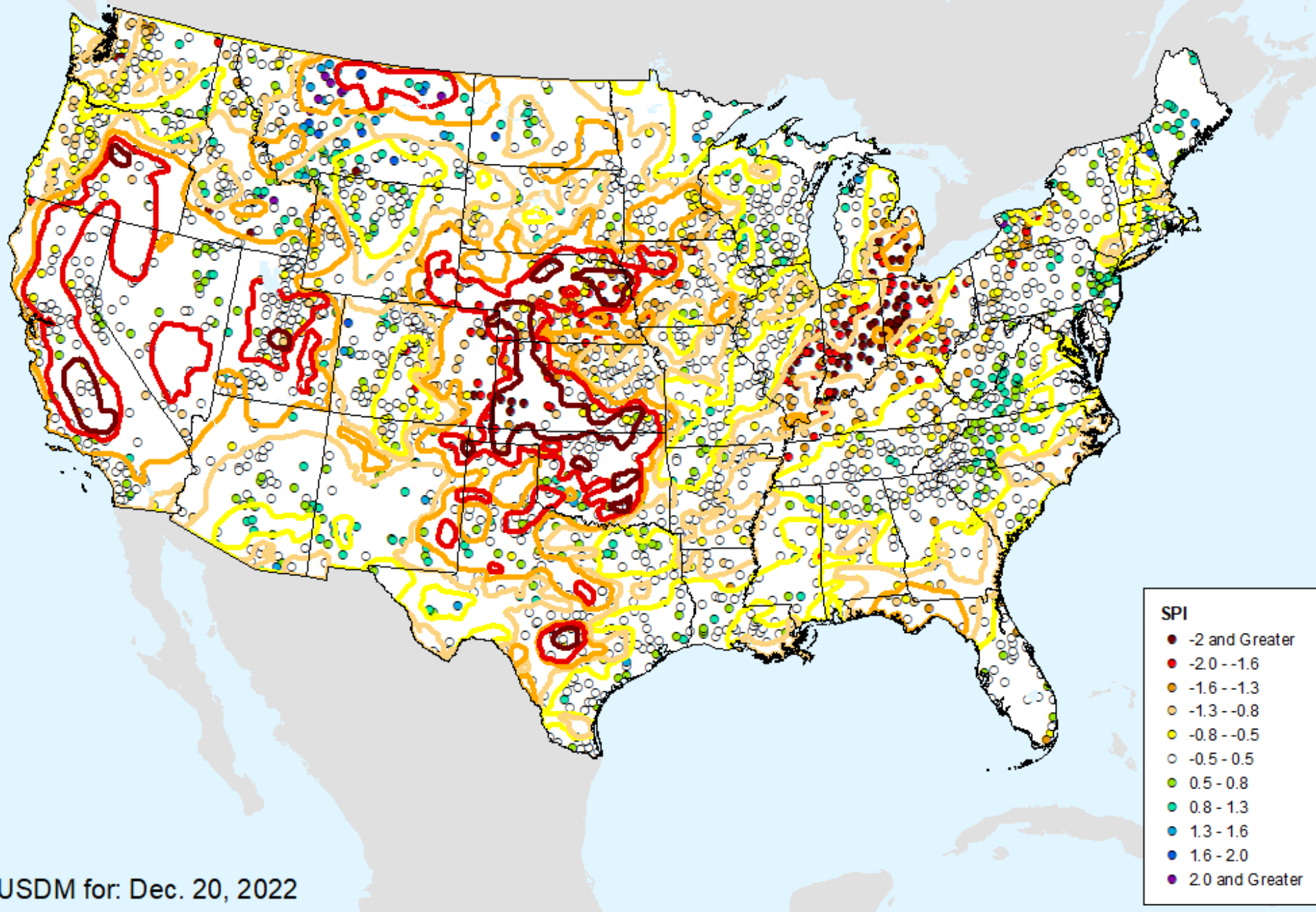
HPRCC 24-month SPI

As of: Wednesday, December 28, 2022



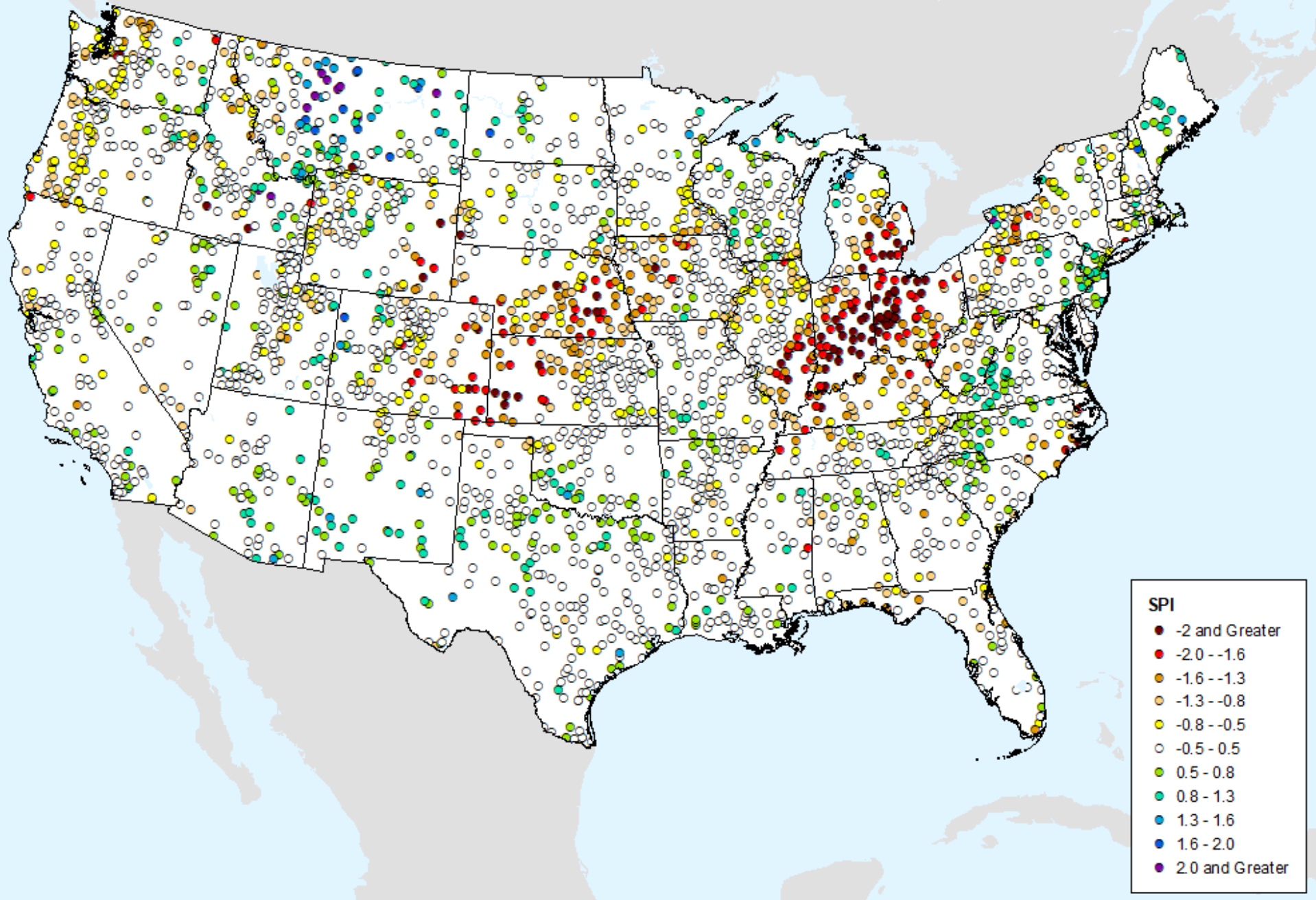
HPRCC Water Year-to-date SPI

As of: Wednesday, December 28, 2022



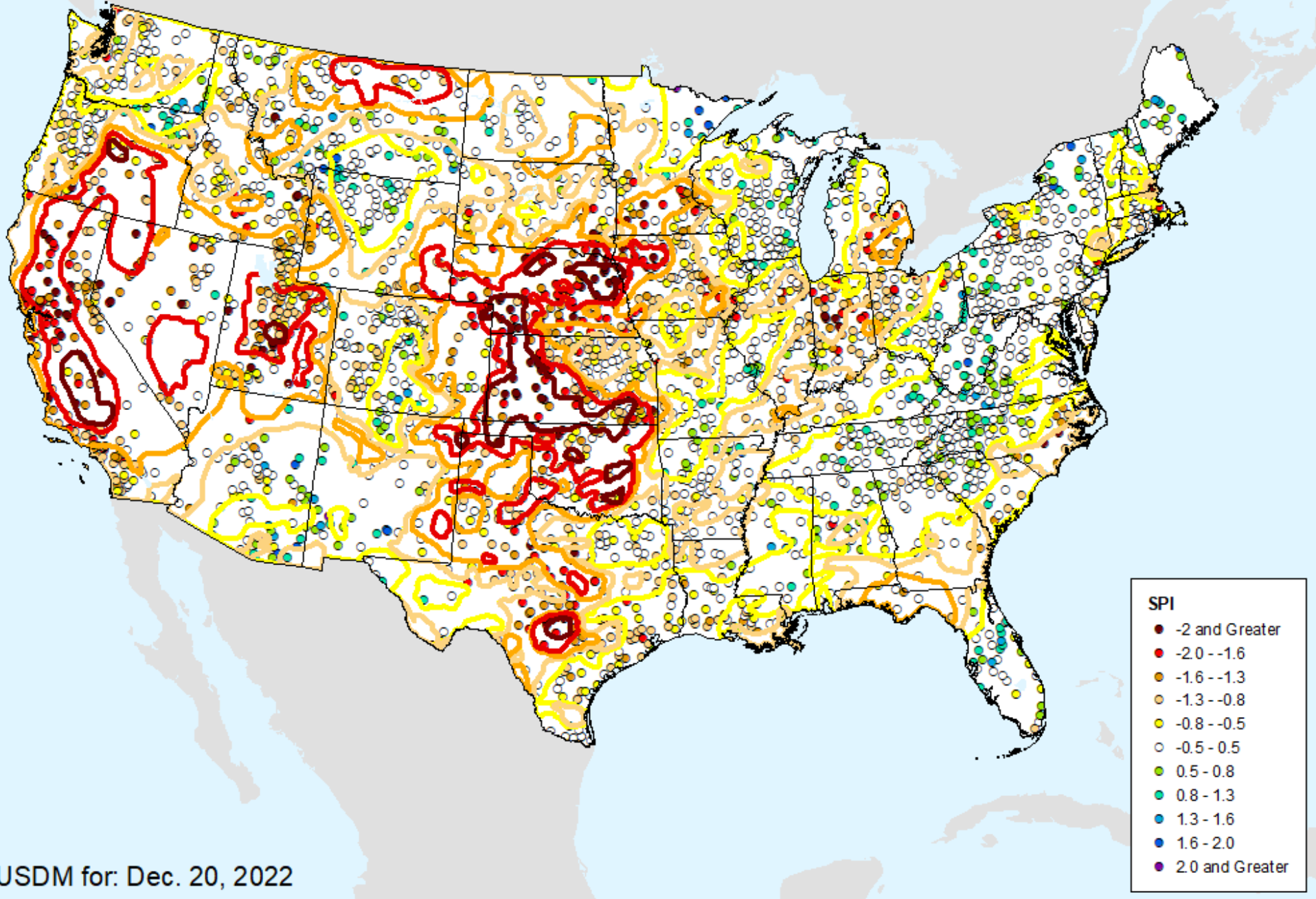
HPRCC Water Year-to-date SPI

As of: Wednesday, December 28, 2022



HPRCC Year-to-date SPI

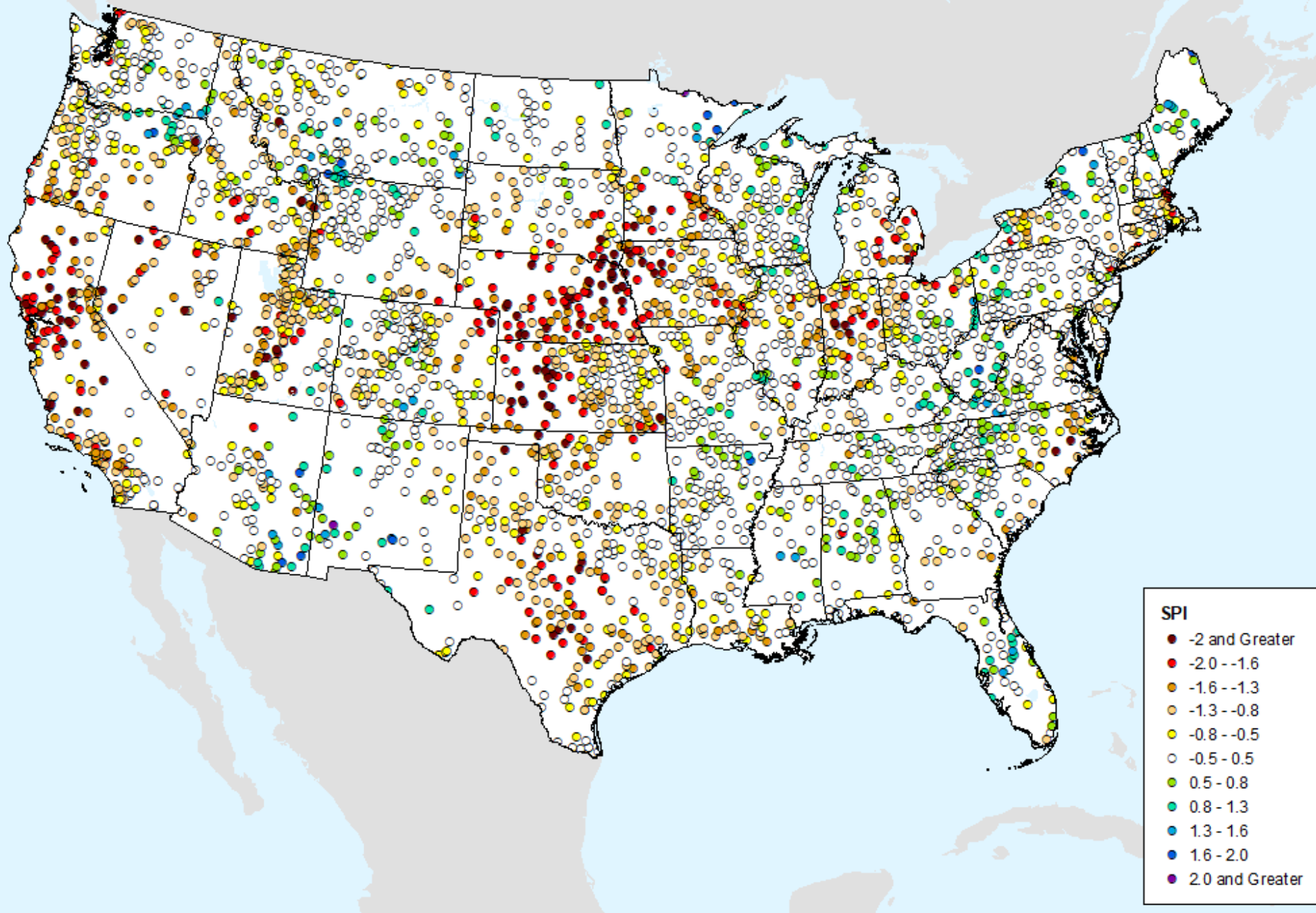
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

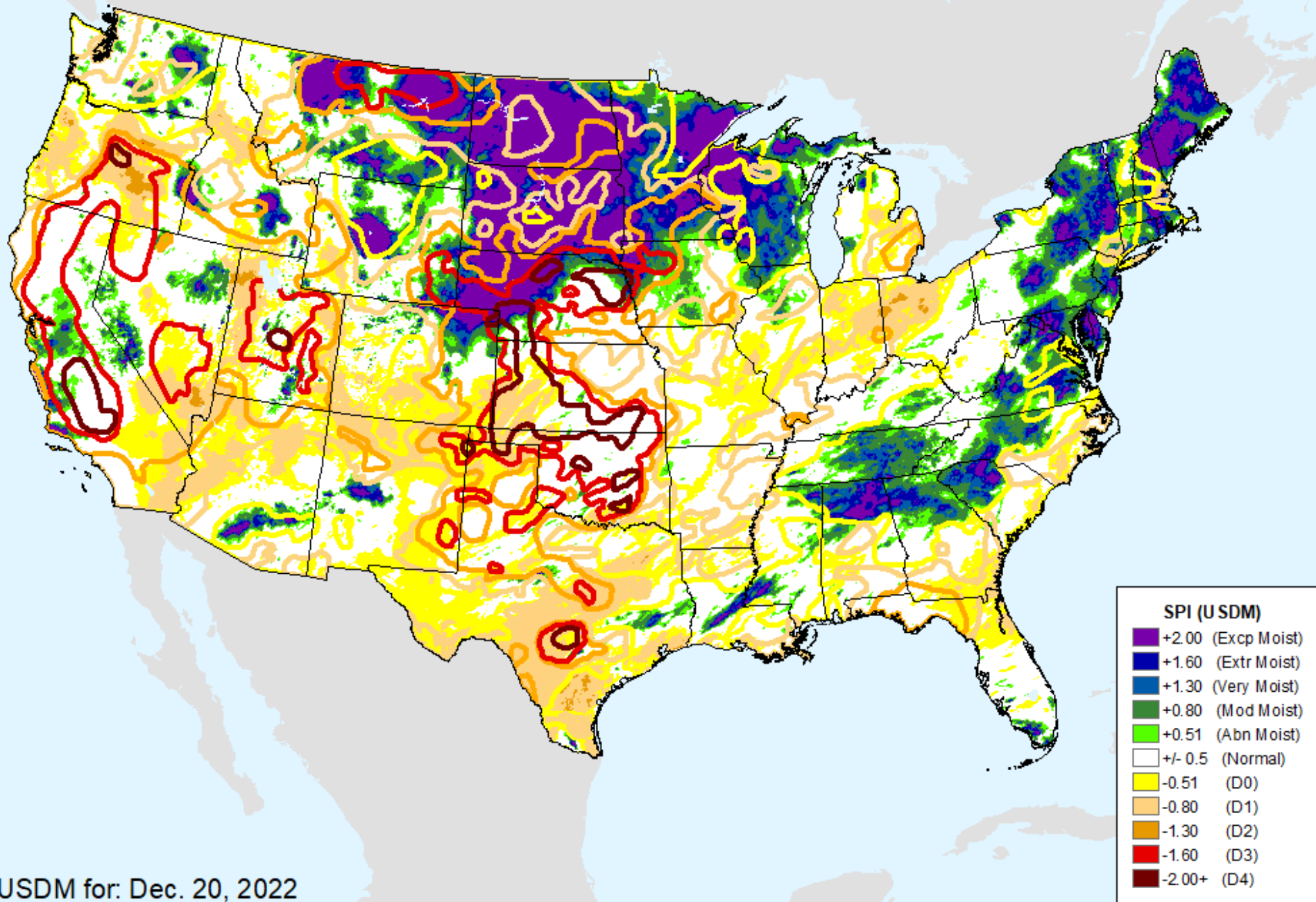
HPRCC Year-to-date SPI

As of: Wednesday, December 28, 2022



AHPS 1-month SPI

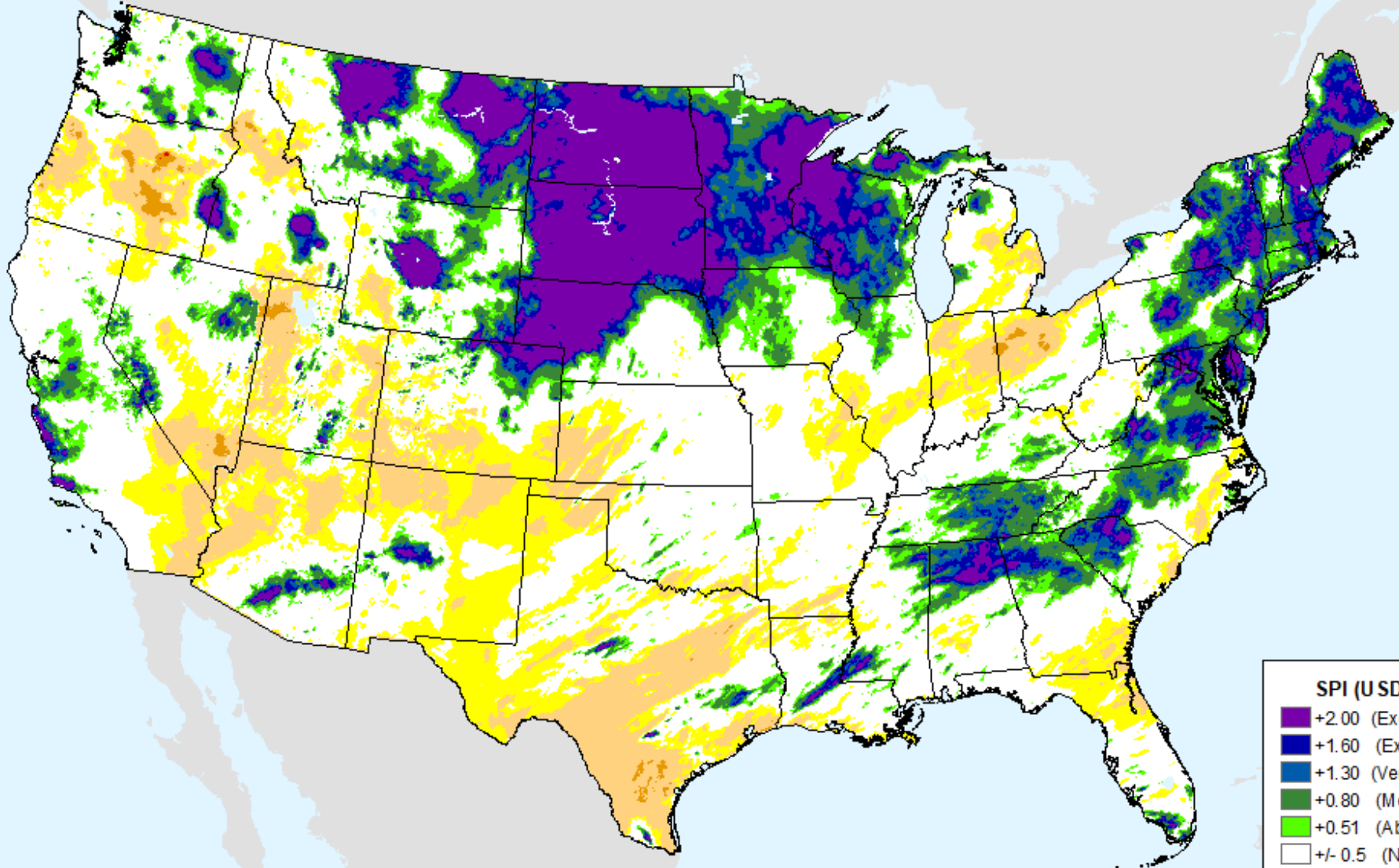
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

AHPS 1-month SPI

As of: Wednesday, December 28, 2022

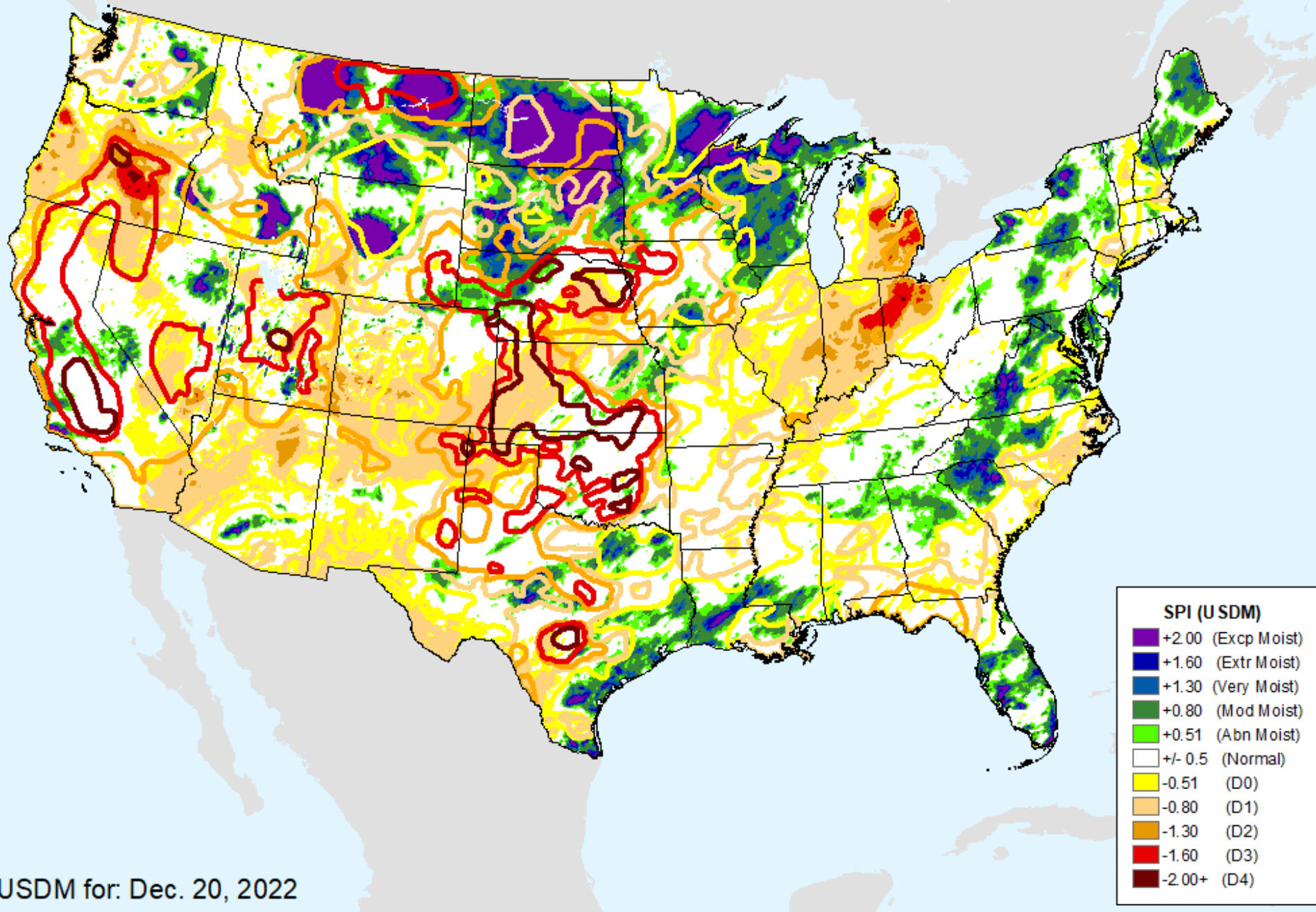


SPI (USDM)

- +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 2-month SPI

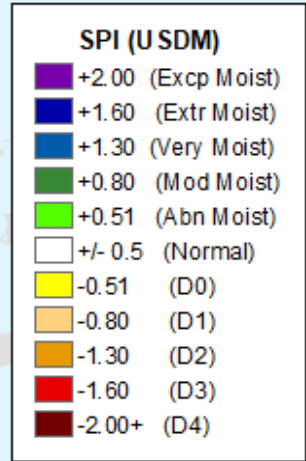
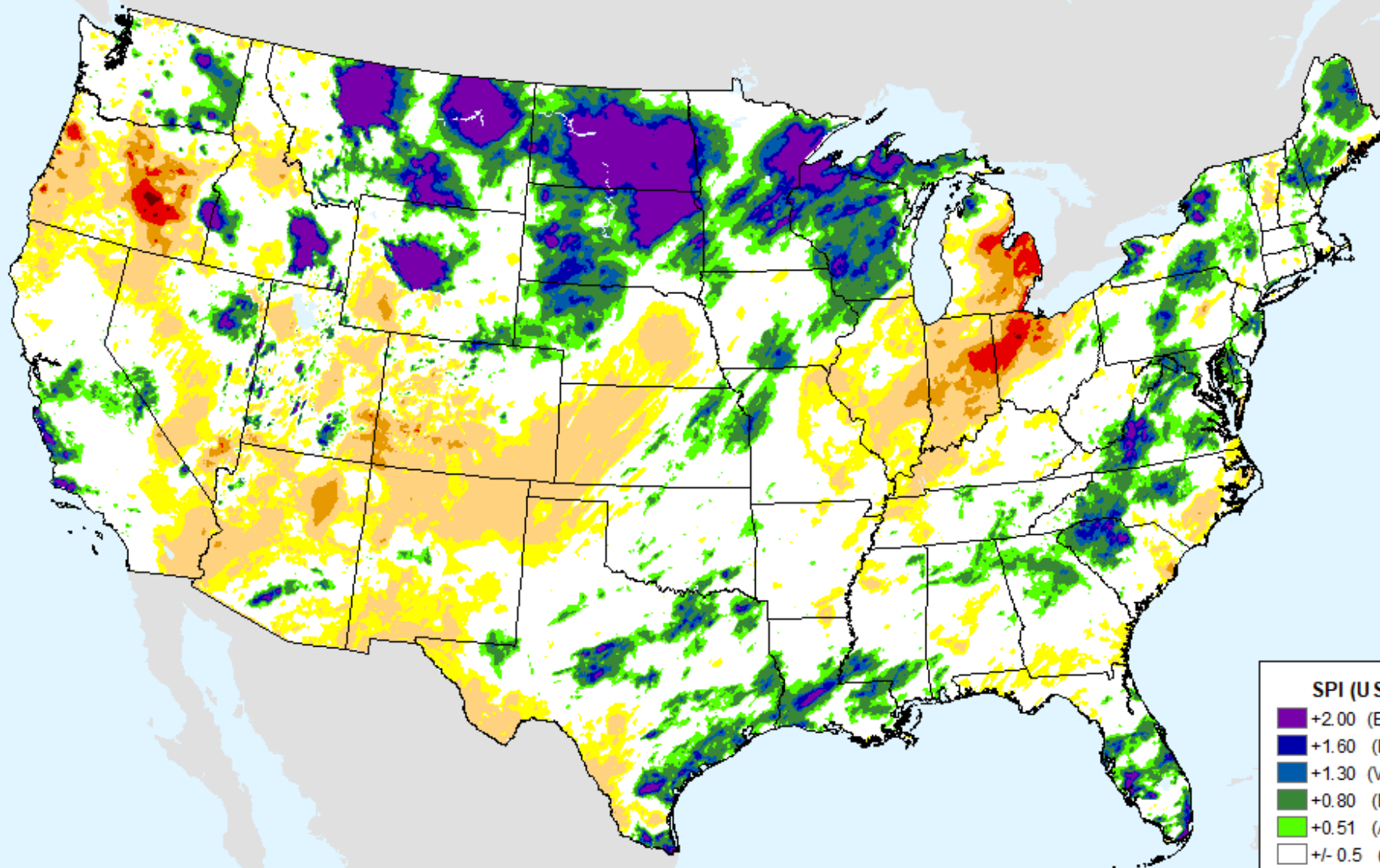
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

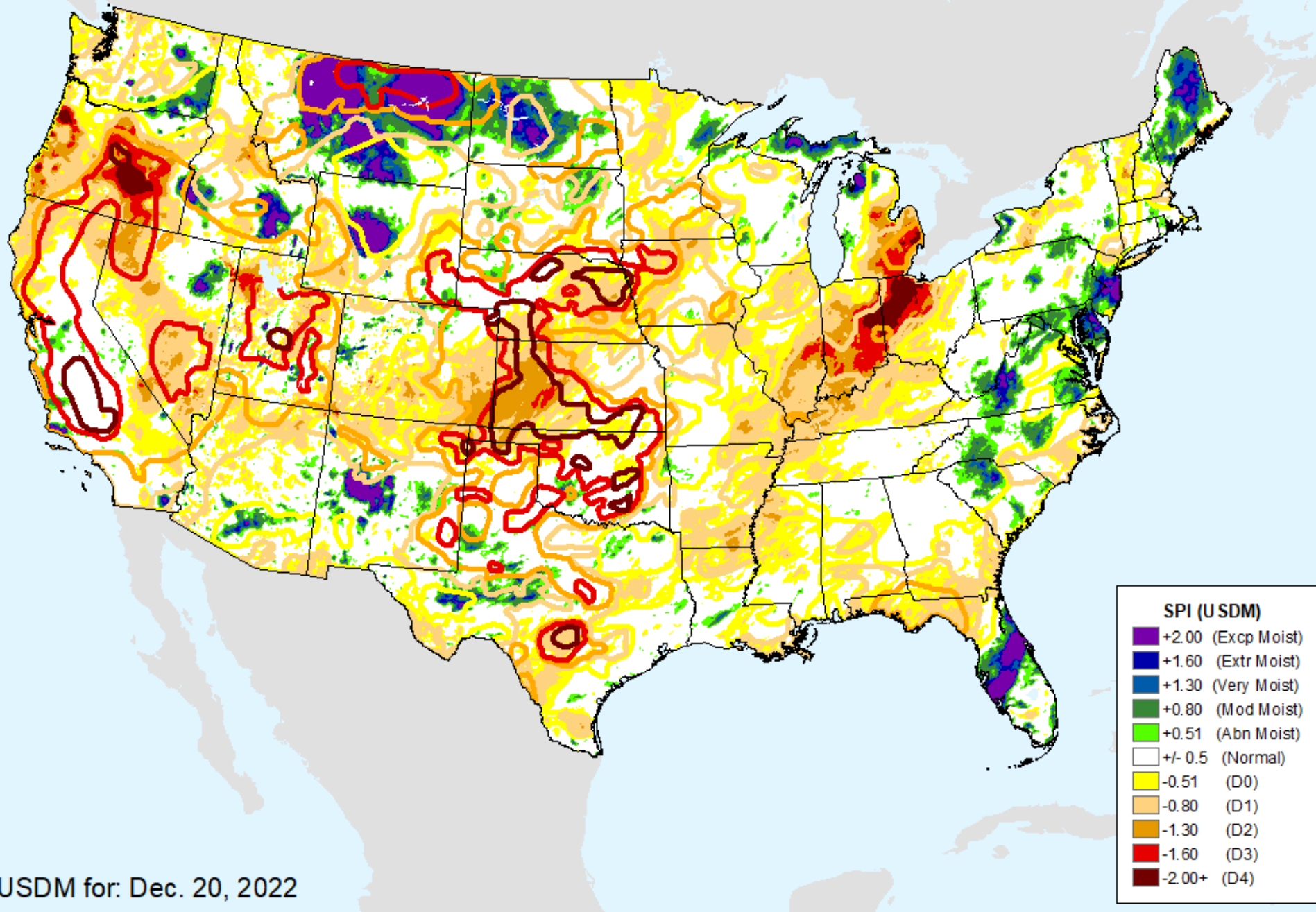
AHPS 2-month SPI

As of: Wednesday, December 28, 2022



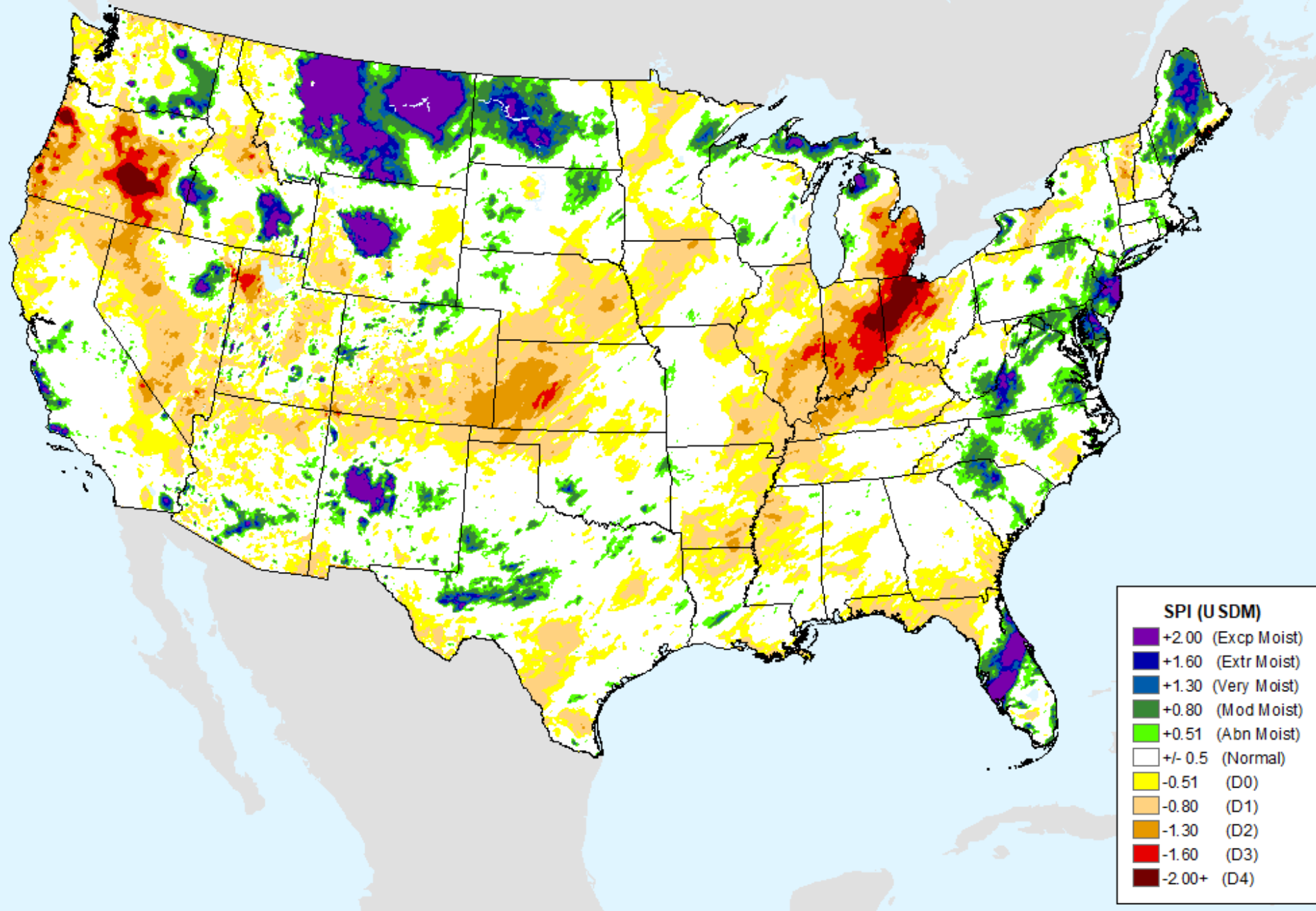
AHPS 3-month SPI

As of: Wednesday, December 28, 2022



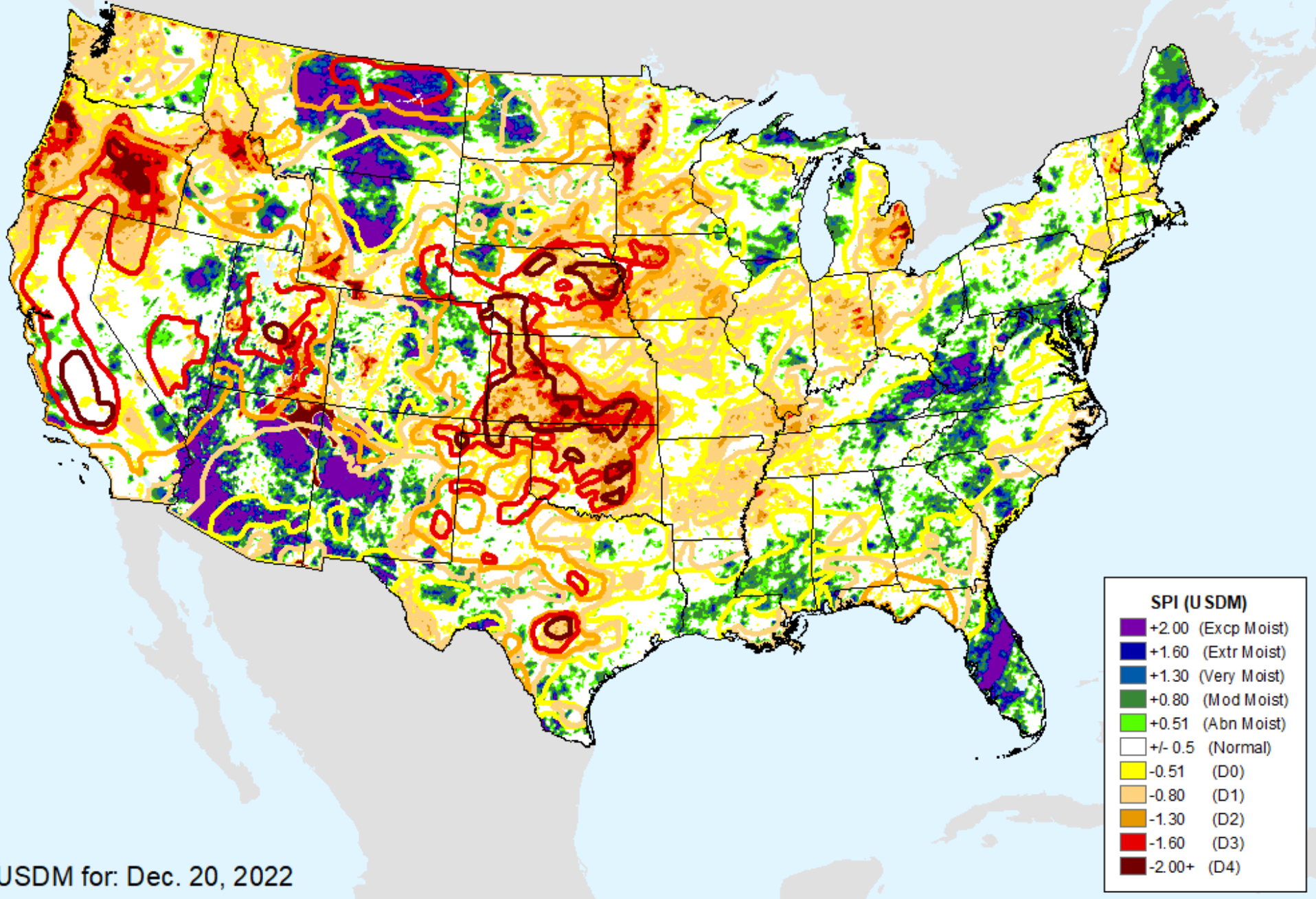
AHPS 3-month SPI

As of: Wednesday, December 28, 2022



AHPS 6-month SPI

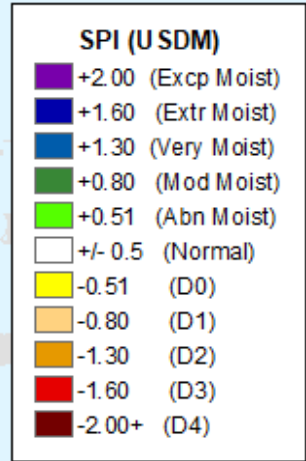
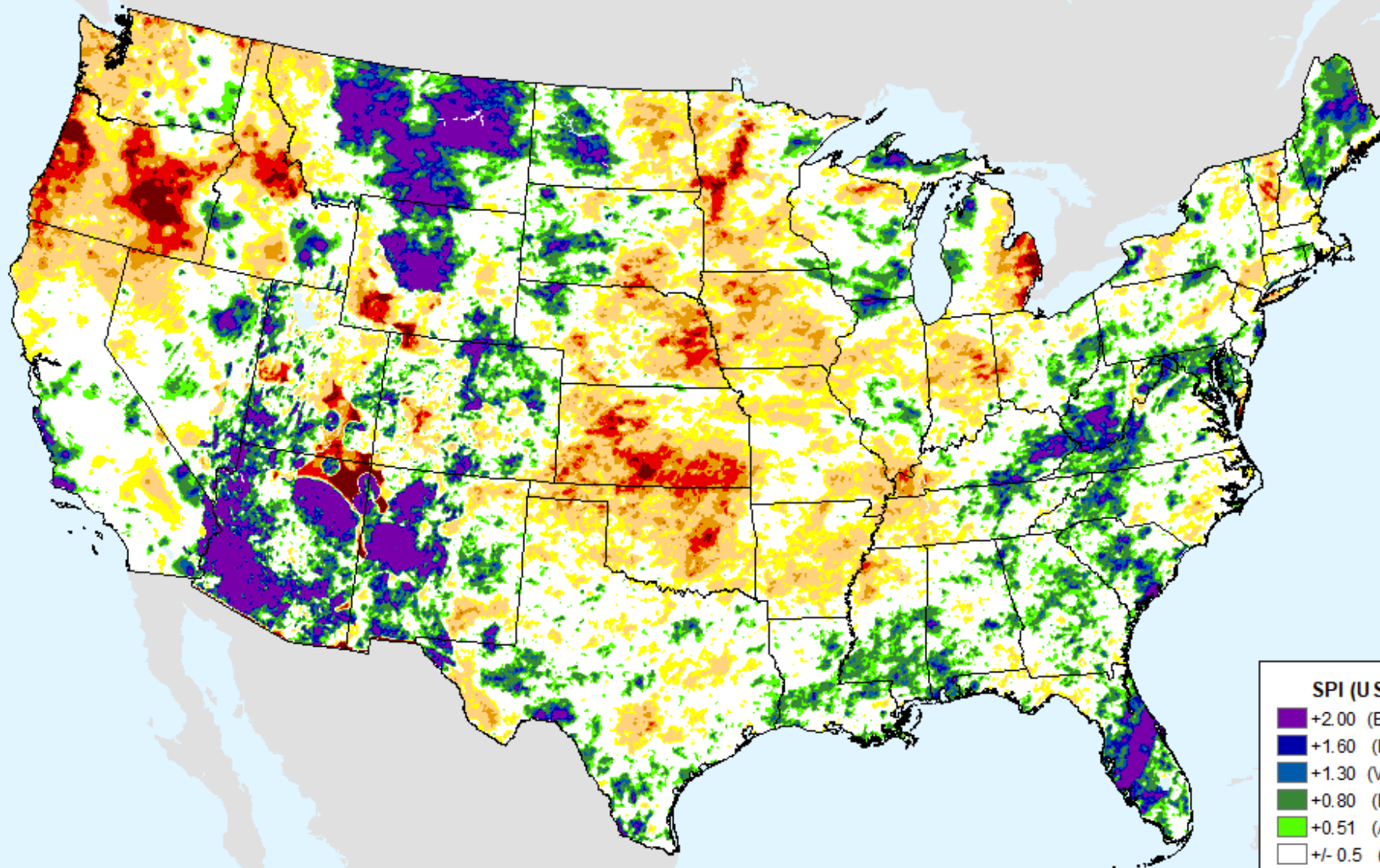
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

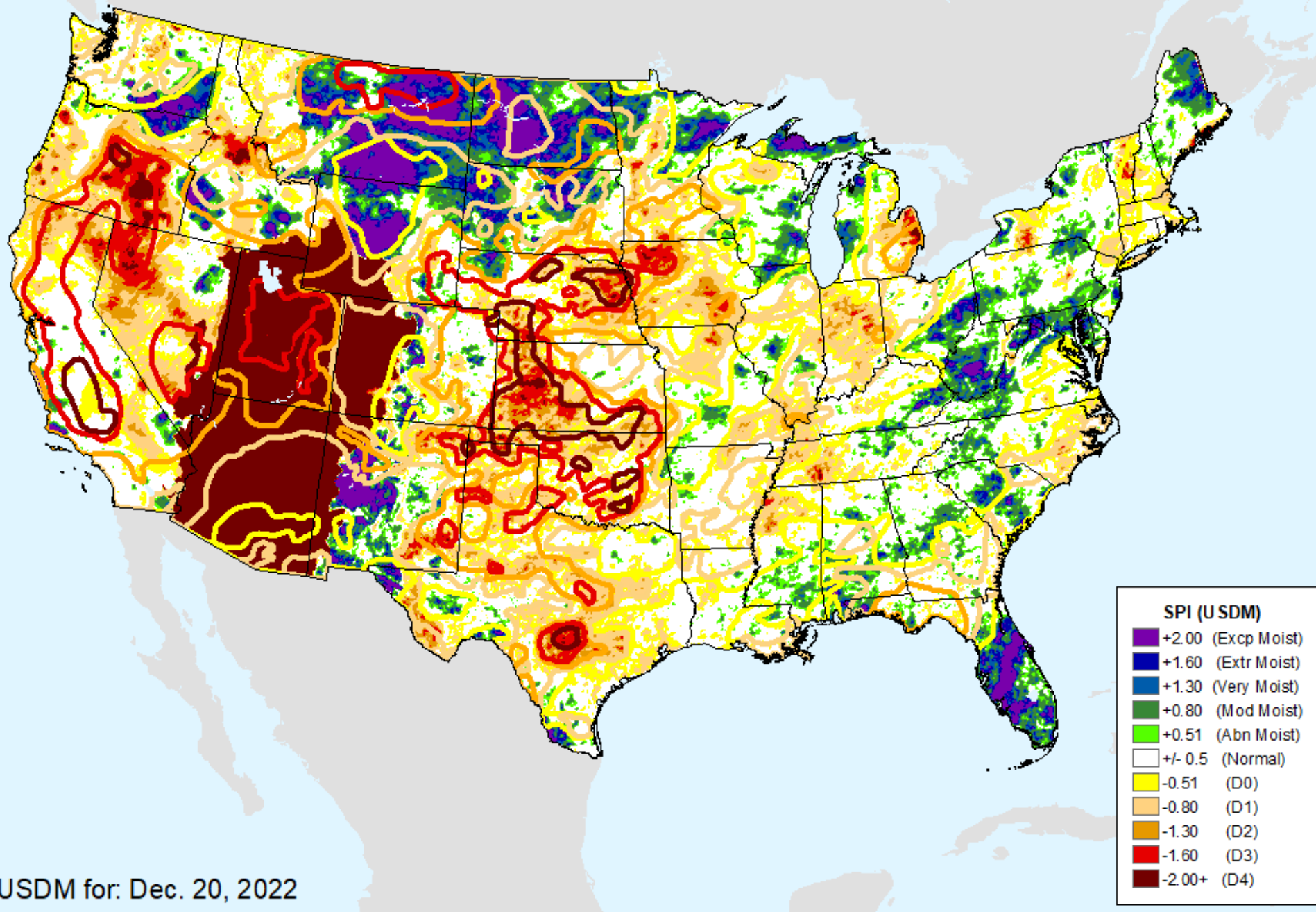
AHPS 6-month SPI

As of: Wednesday, December 28, 2022



AHPS 9-month SPI

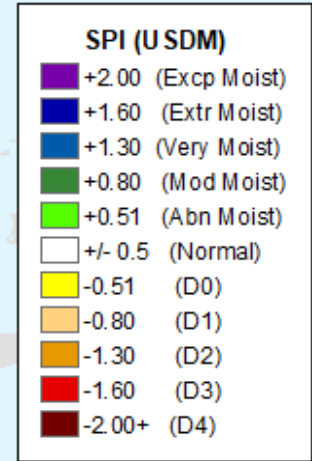
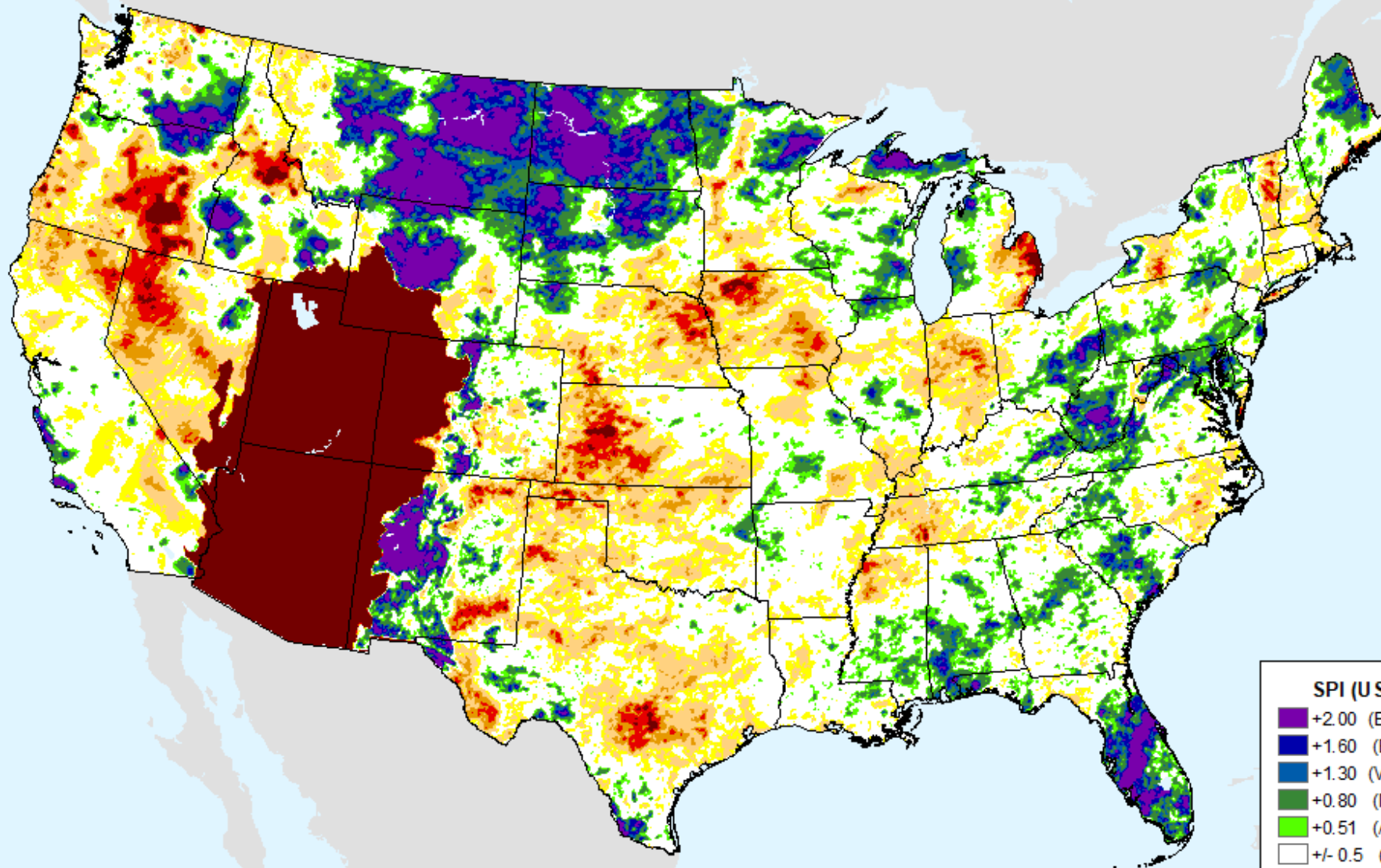
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

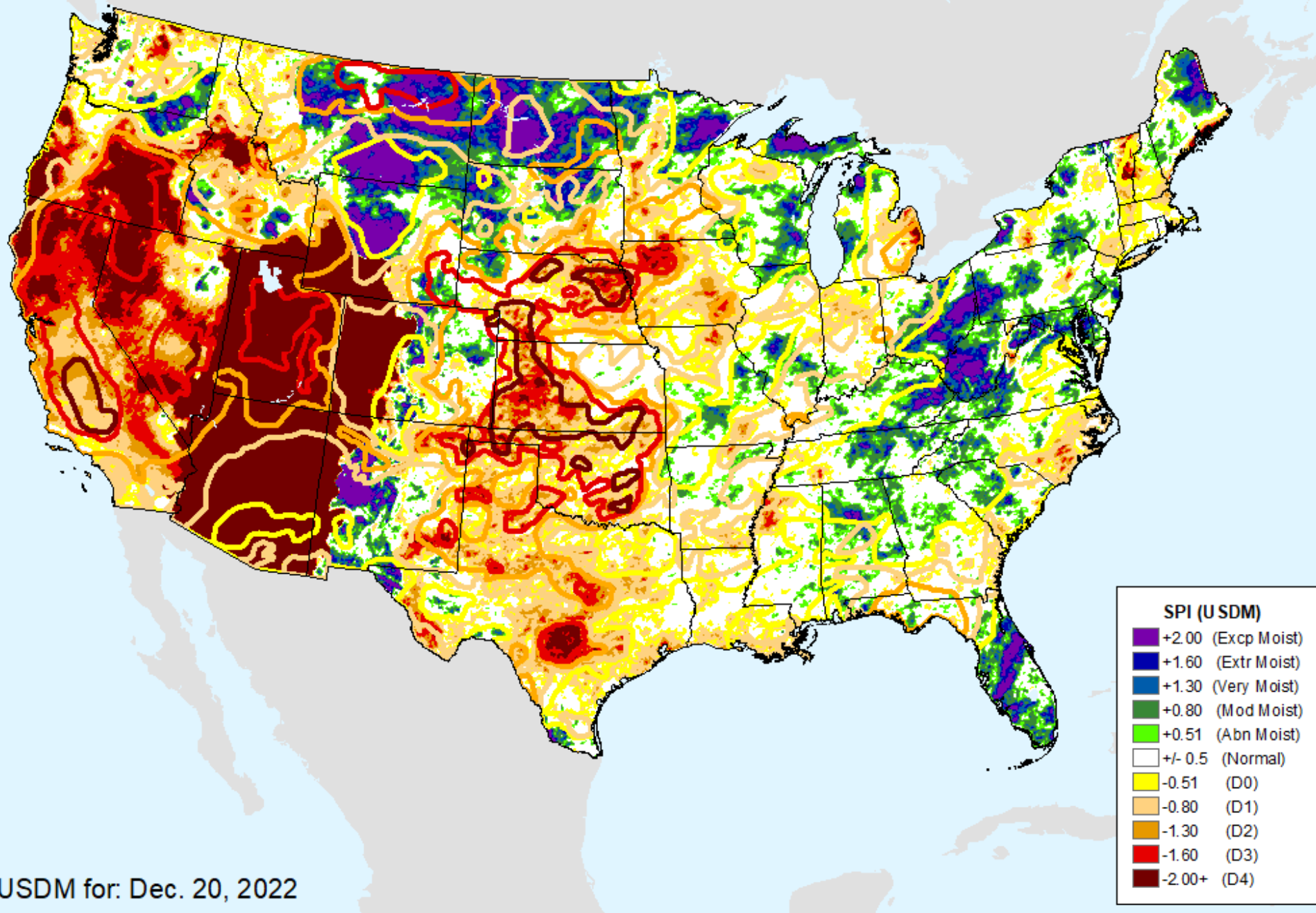
AHPS 9-month SPI

As of: Wednesday, December 28, 2022



AHPS 12-month SPI

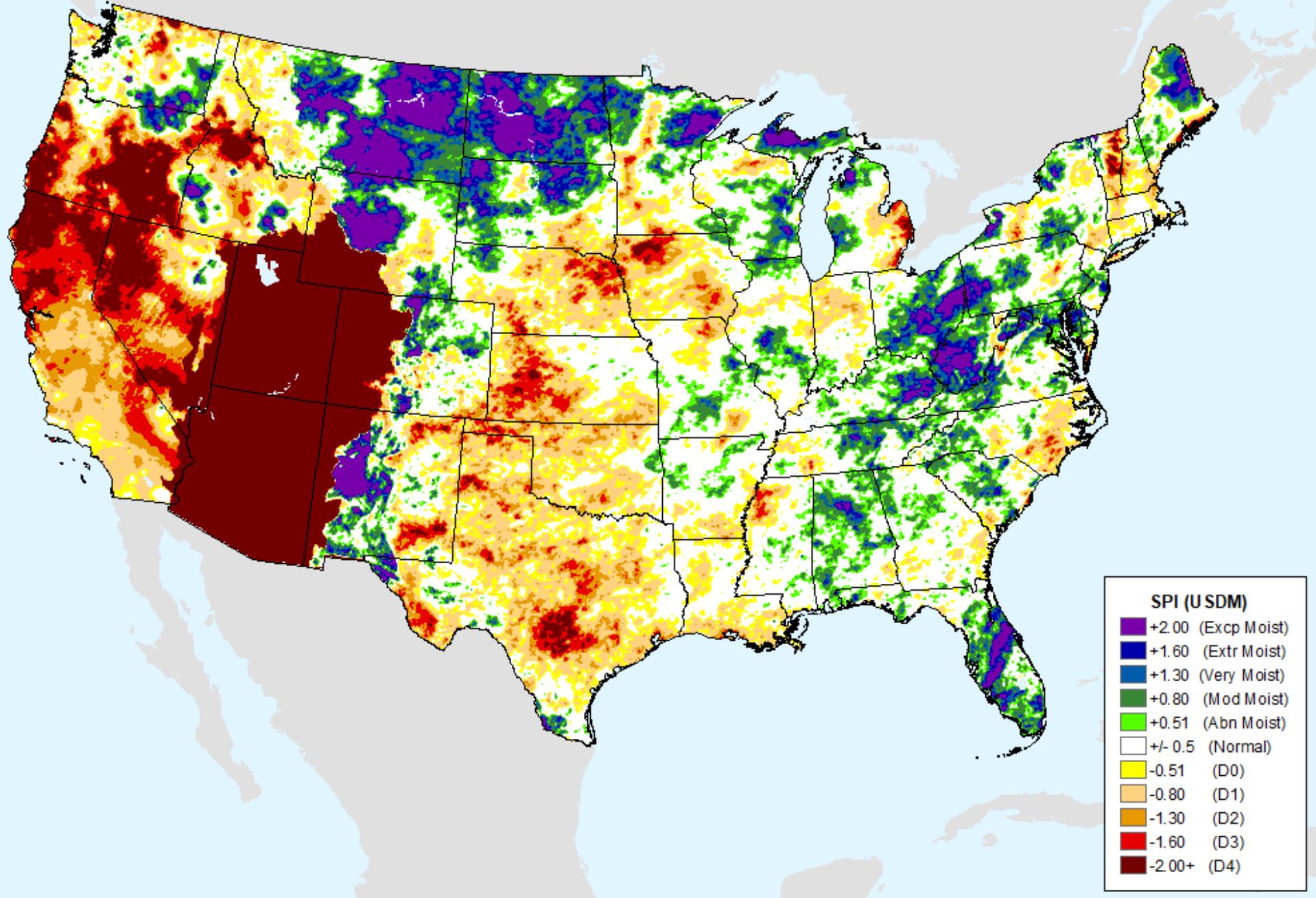
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

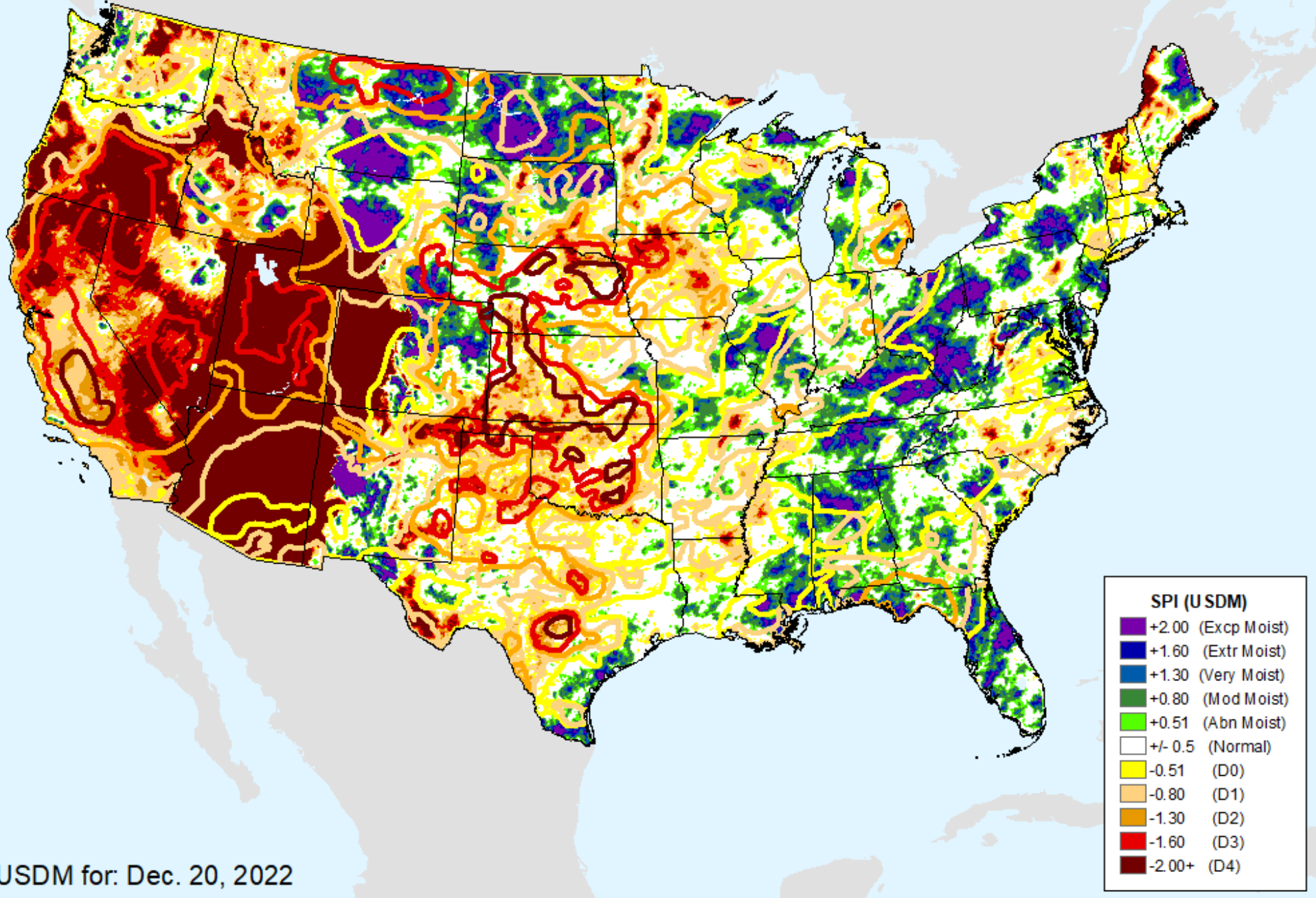
AHPS 12-month SPI

As of: Wednesday, December 28, 2022



AHPS 24-month SPI

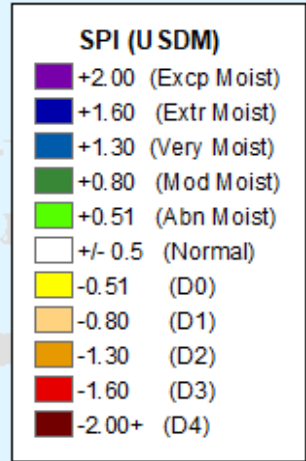
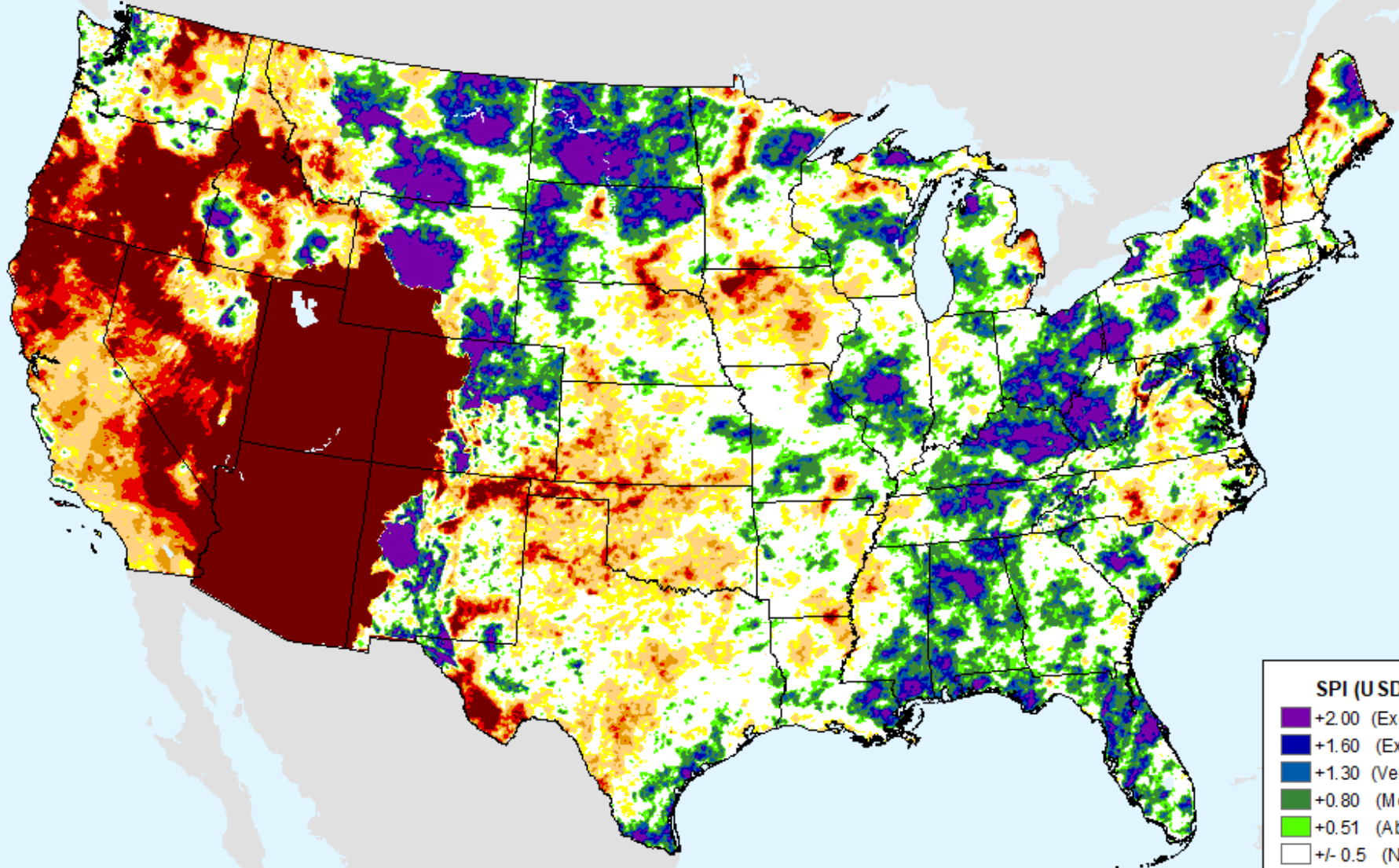
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

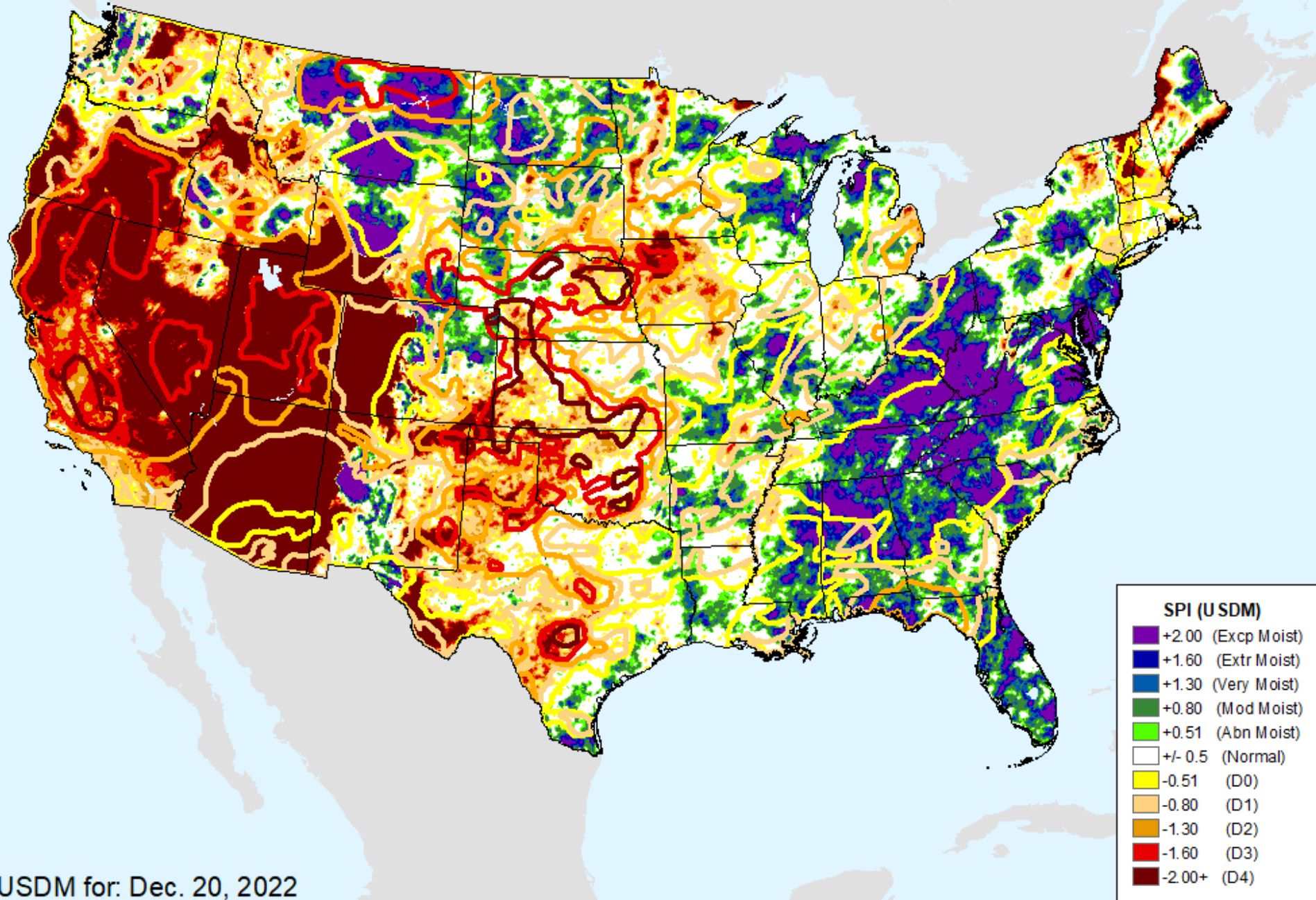
AHPS 24-month SPI

As of: Wednesday, December 28, 2022



AHPS 36-month SPI

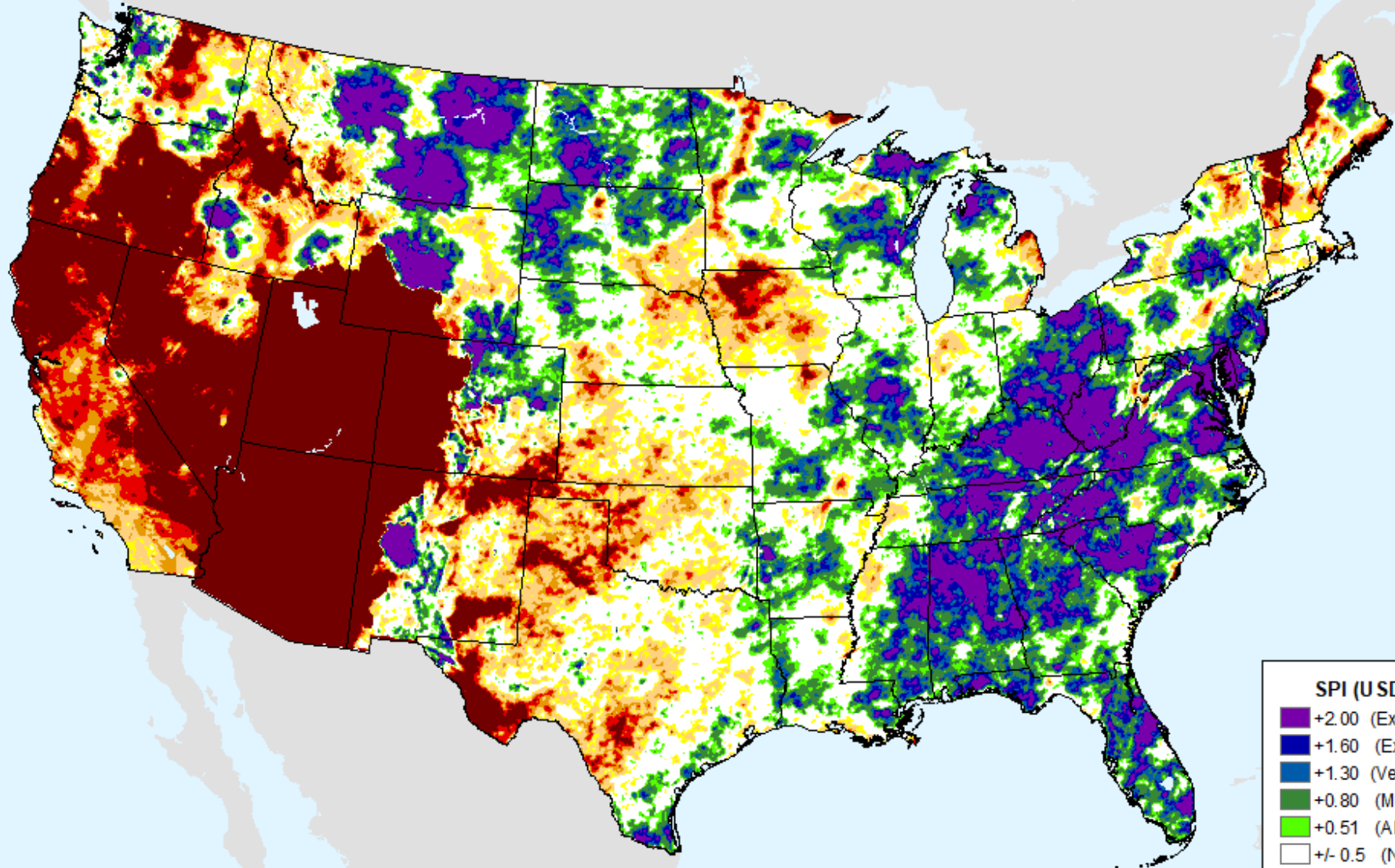
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

AHPS 36-month SPI

As of: Wednesday, December 28, 2022

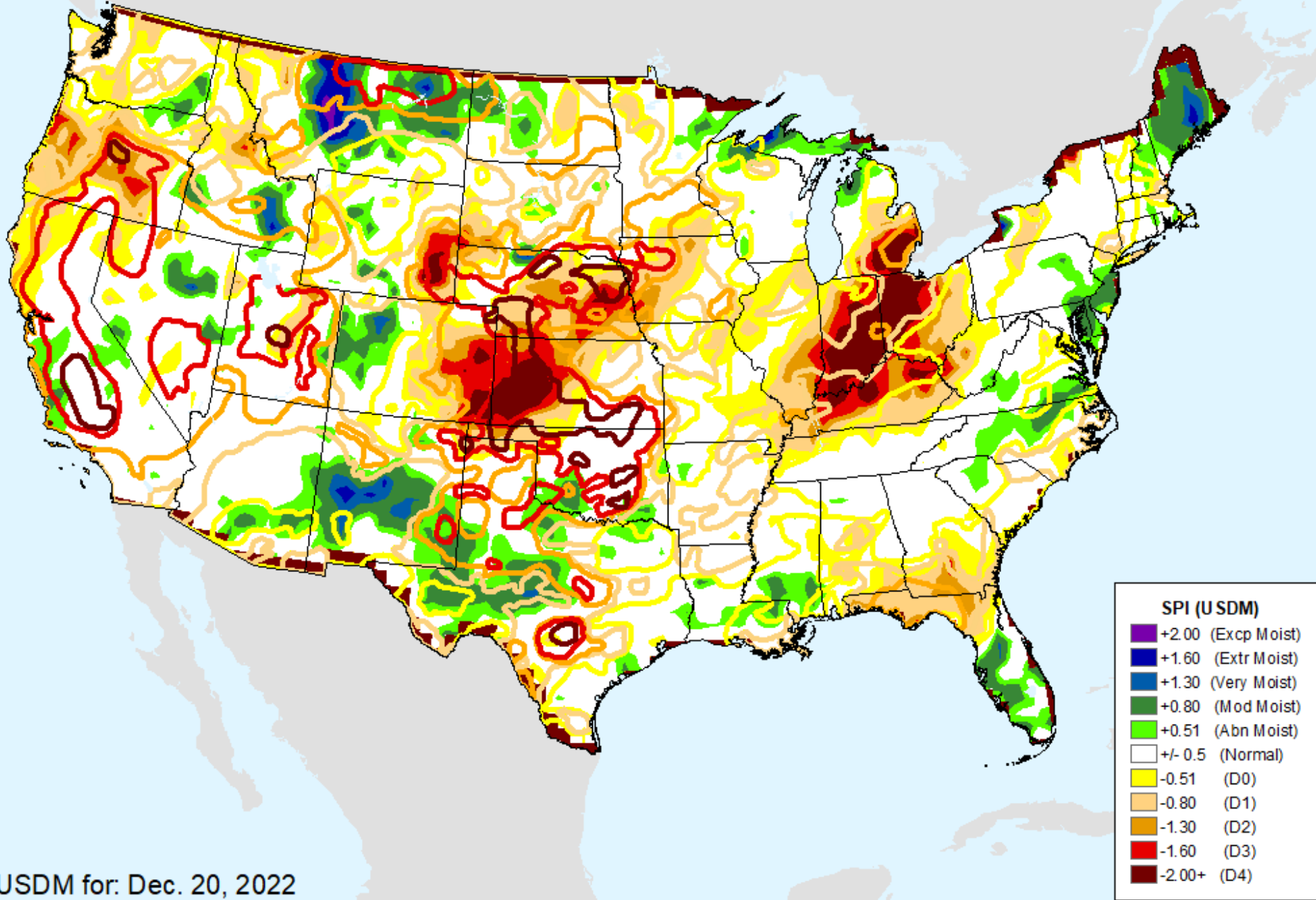


SPI (USDM)

- +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 3-month SPI

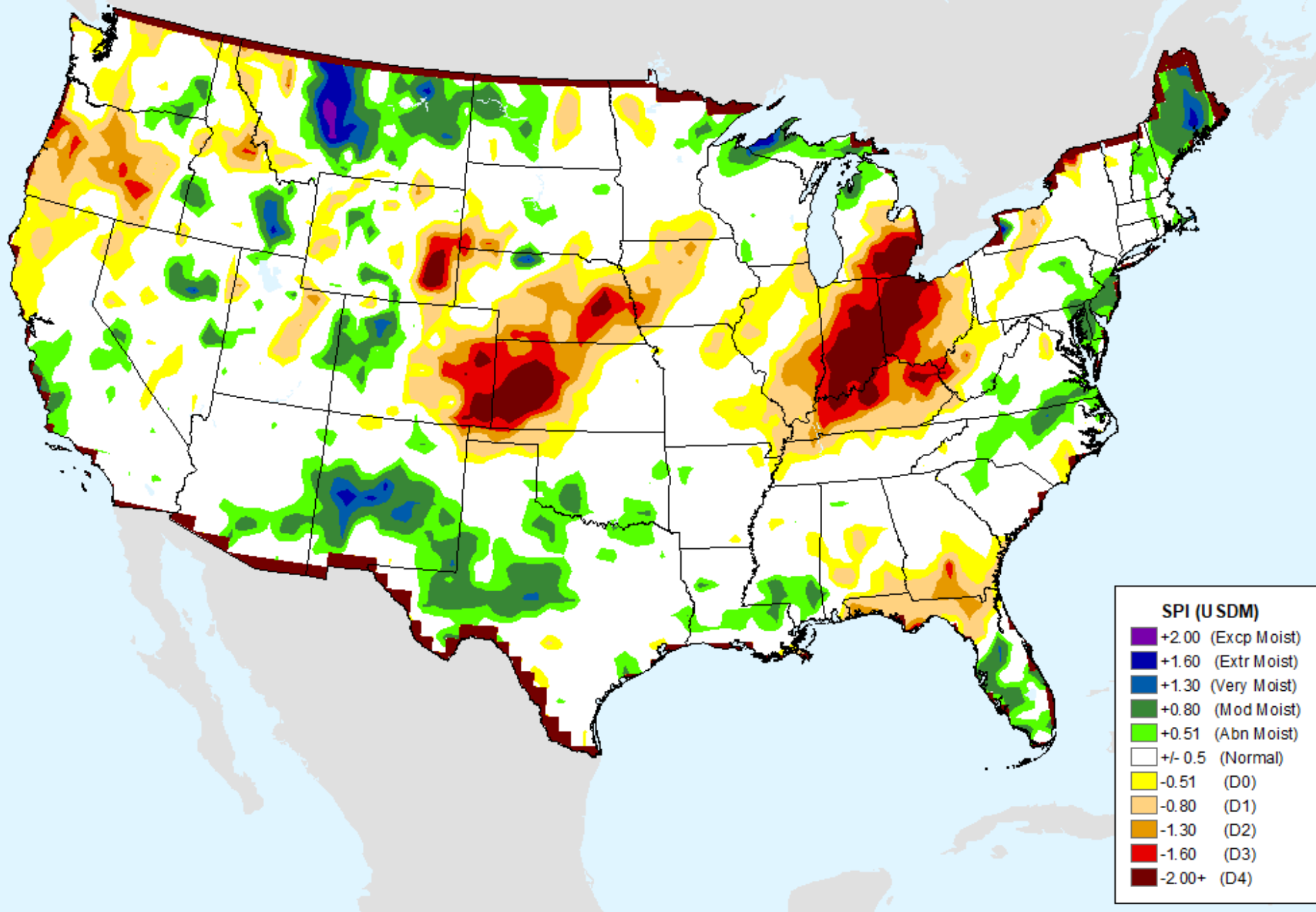
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

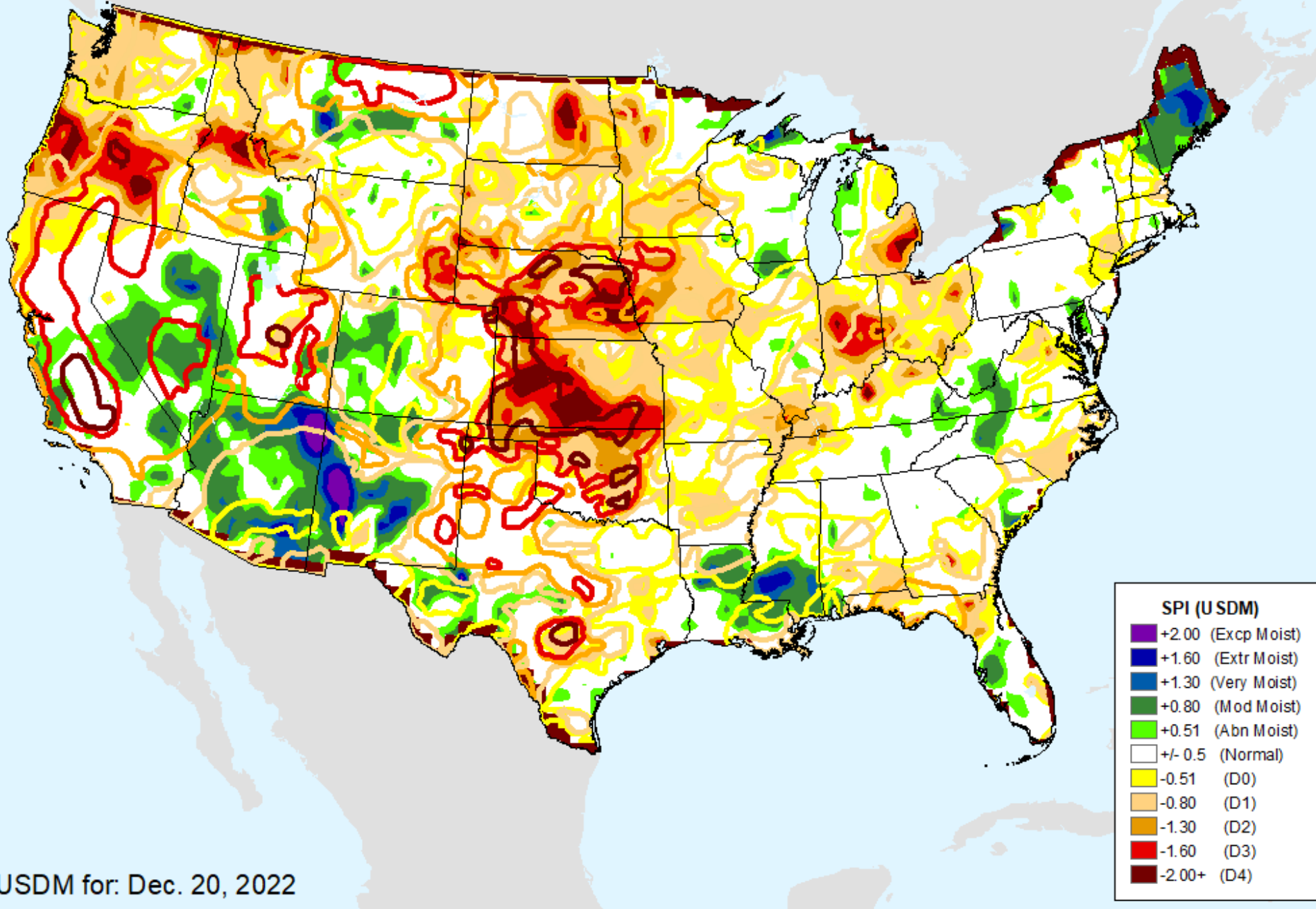
CPC 3-month SPI

As of: Wednesday, December 28, 2022



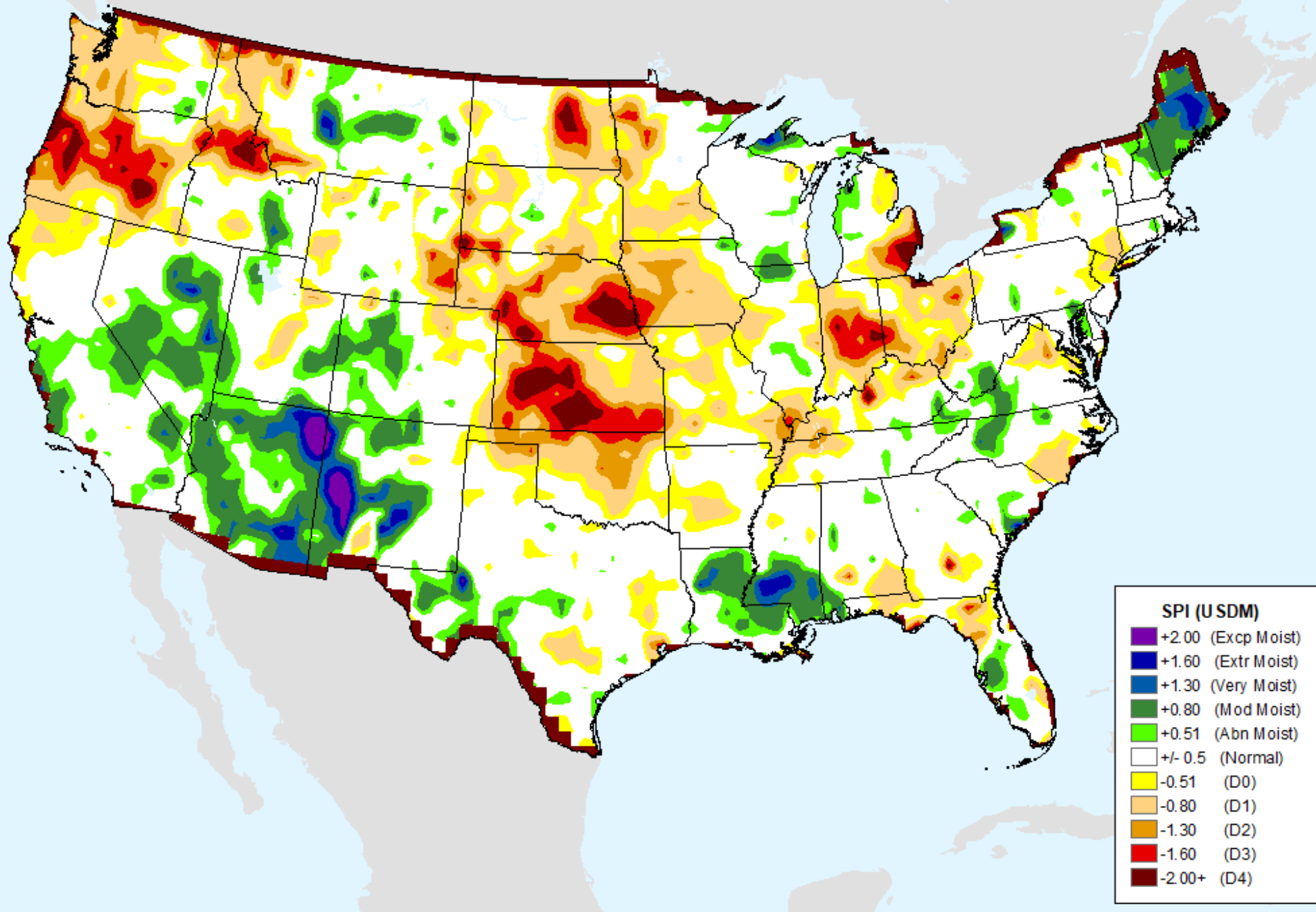
CPC 6-month SPI

As of: Wednesday, December 28, 2022



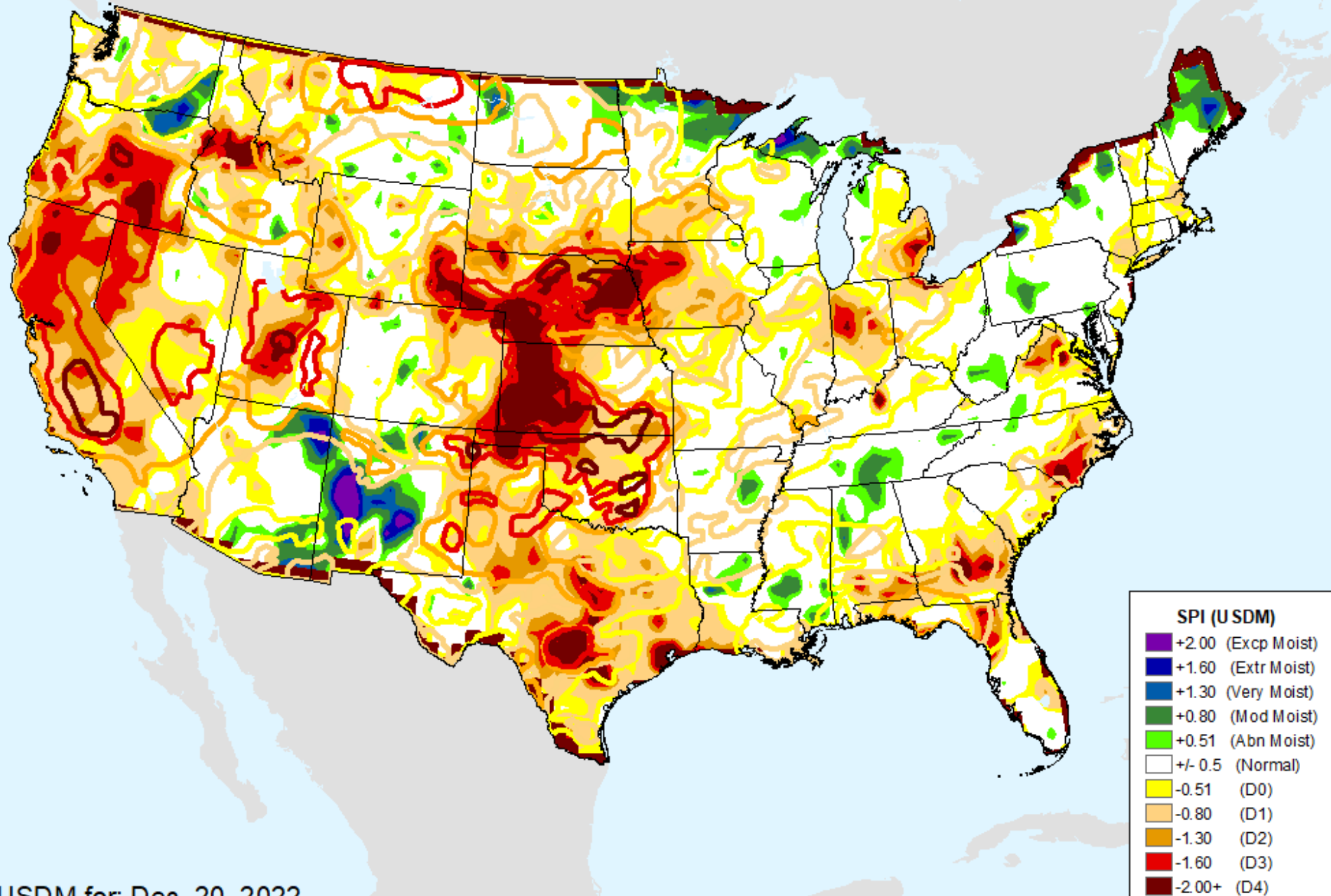
CPC 6-month SPI

As of: Wednesday, December 28, 2022



CPC 12-month SPI

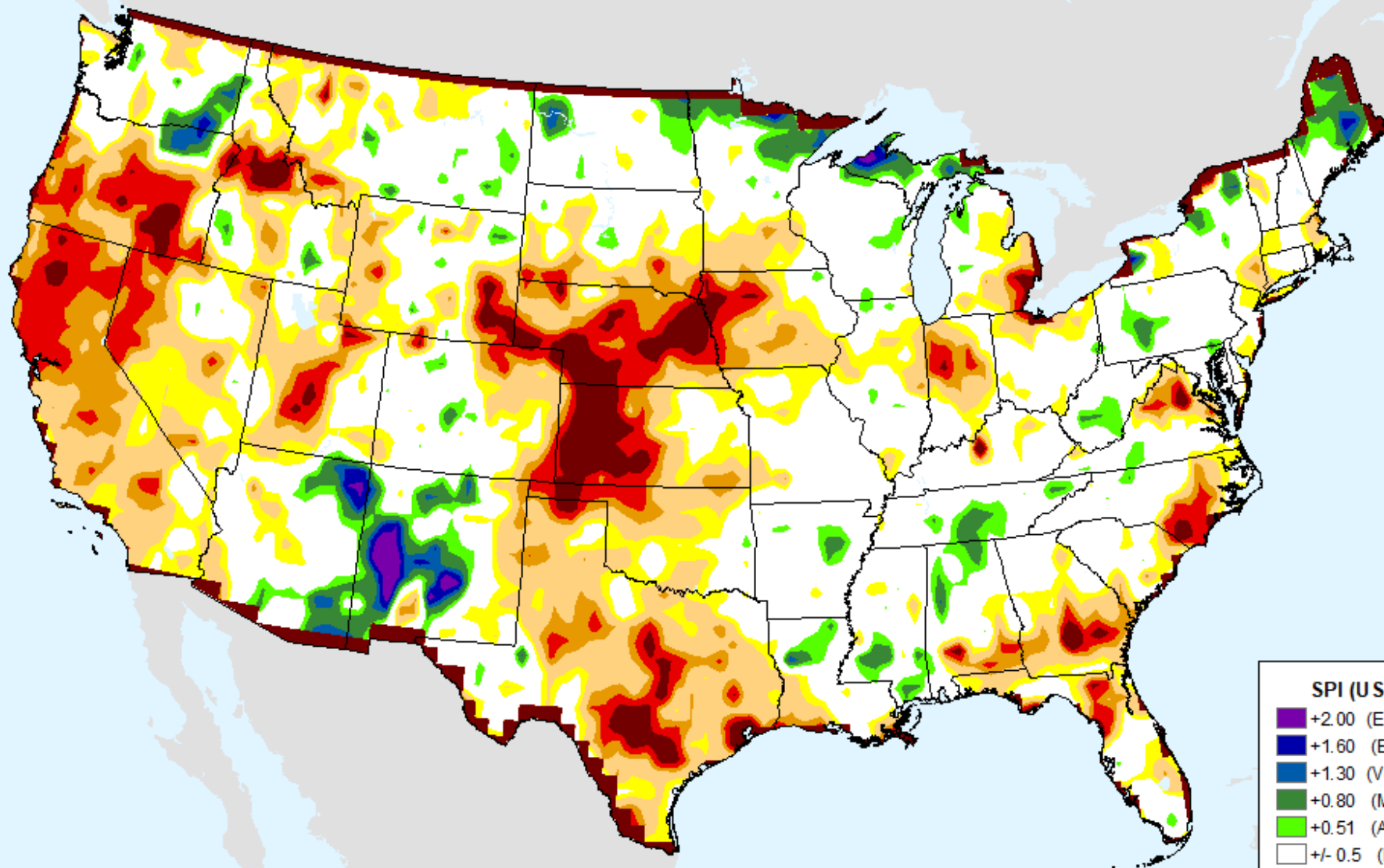
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

CPC 12-month SPI

As of: Wednesday, December 28, 2022

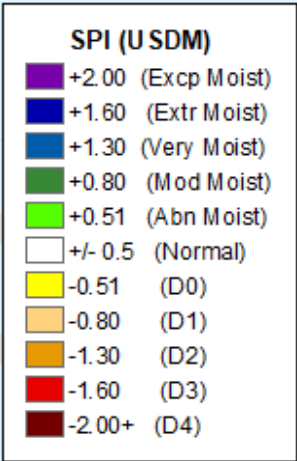
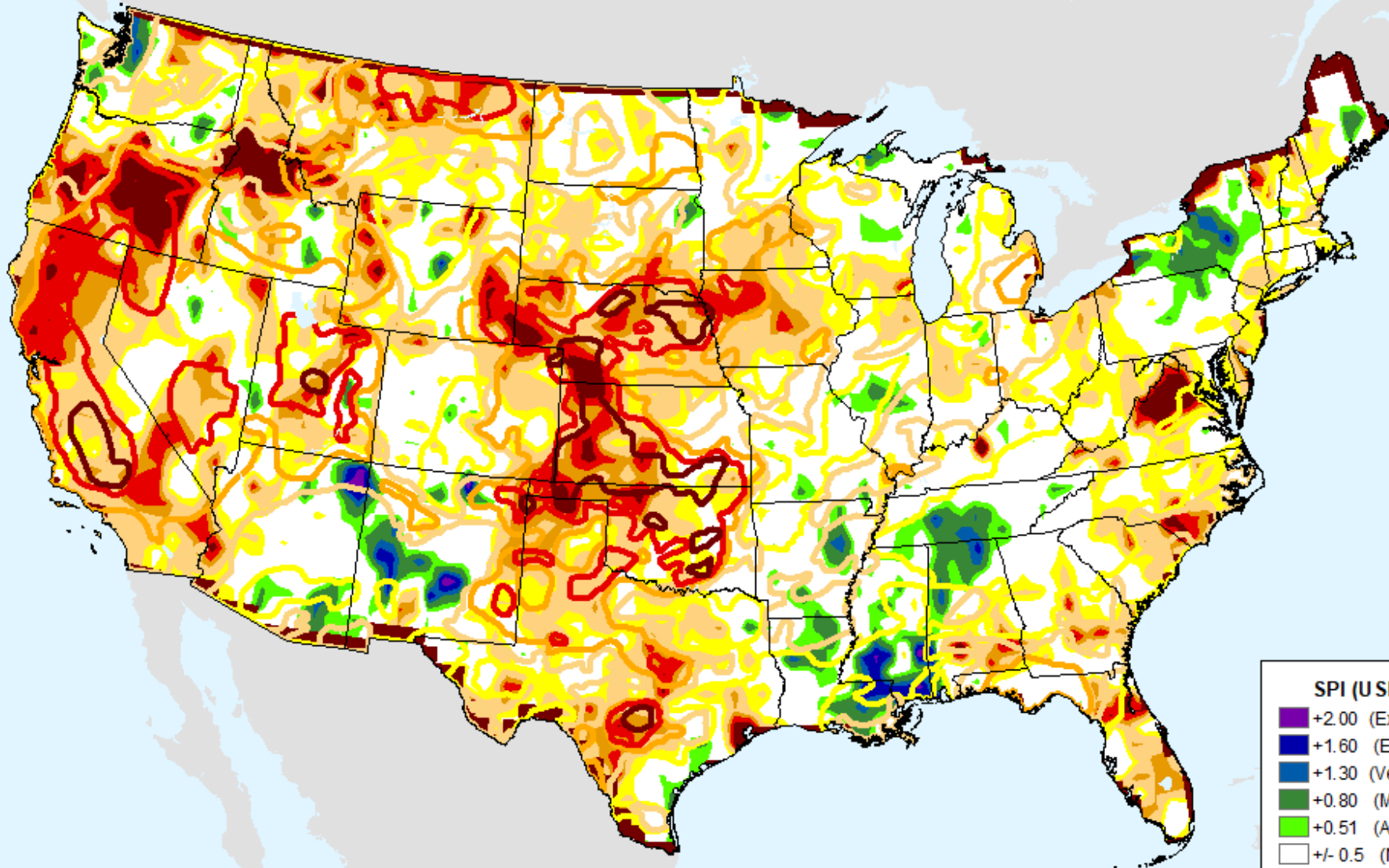


SPI (USDM)

- +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

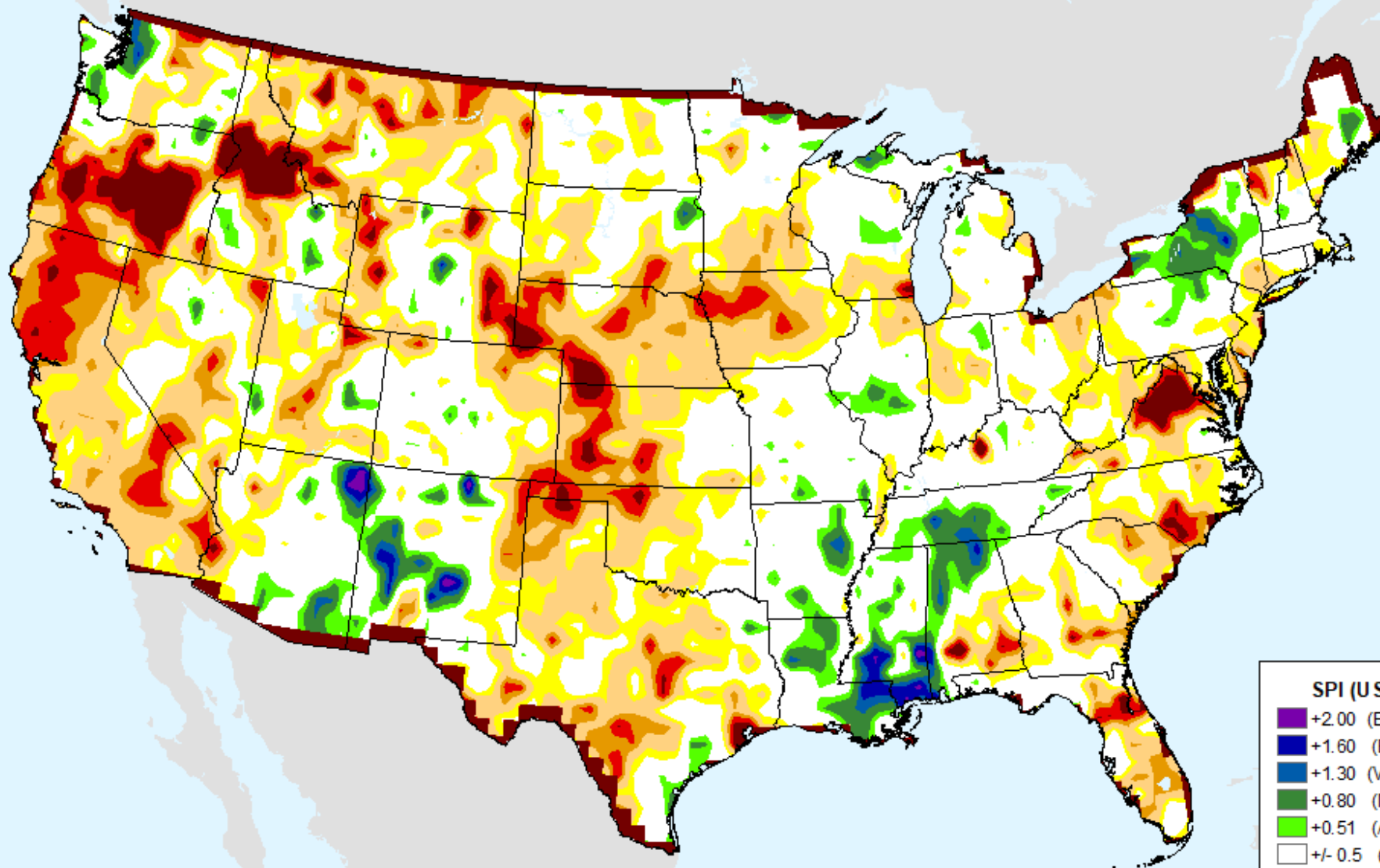
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

CPC 24-month SPI

As of: Wednesday, December 28, 2022

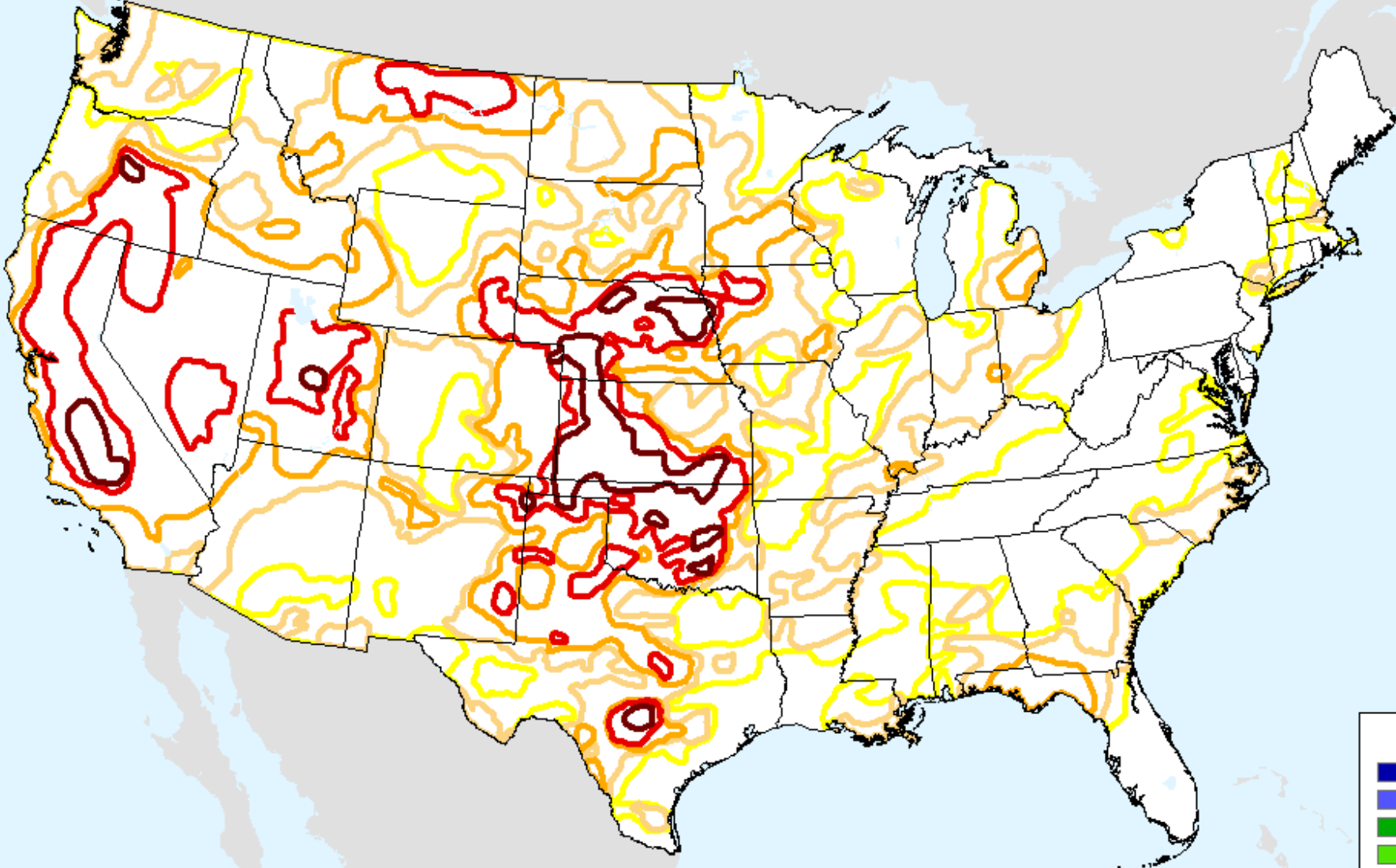


SPI (USDM)

- +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: Wednesday, December 28, 2022

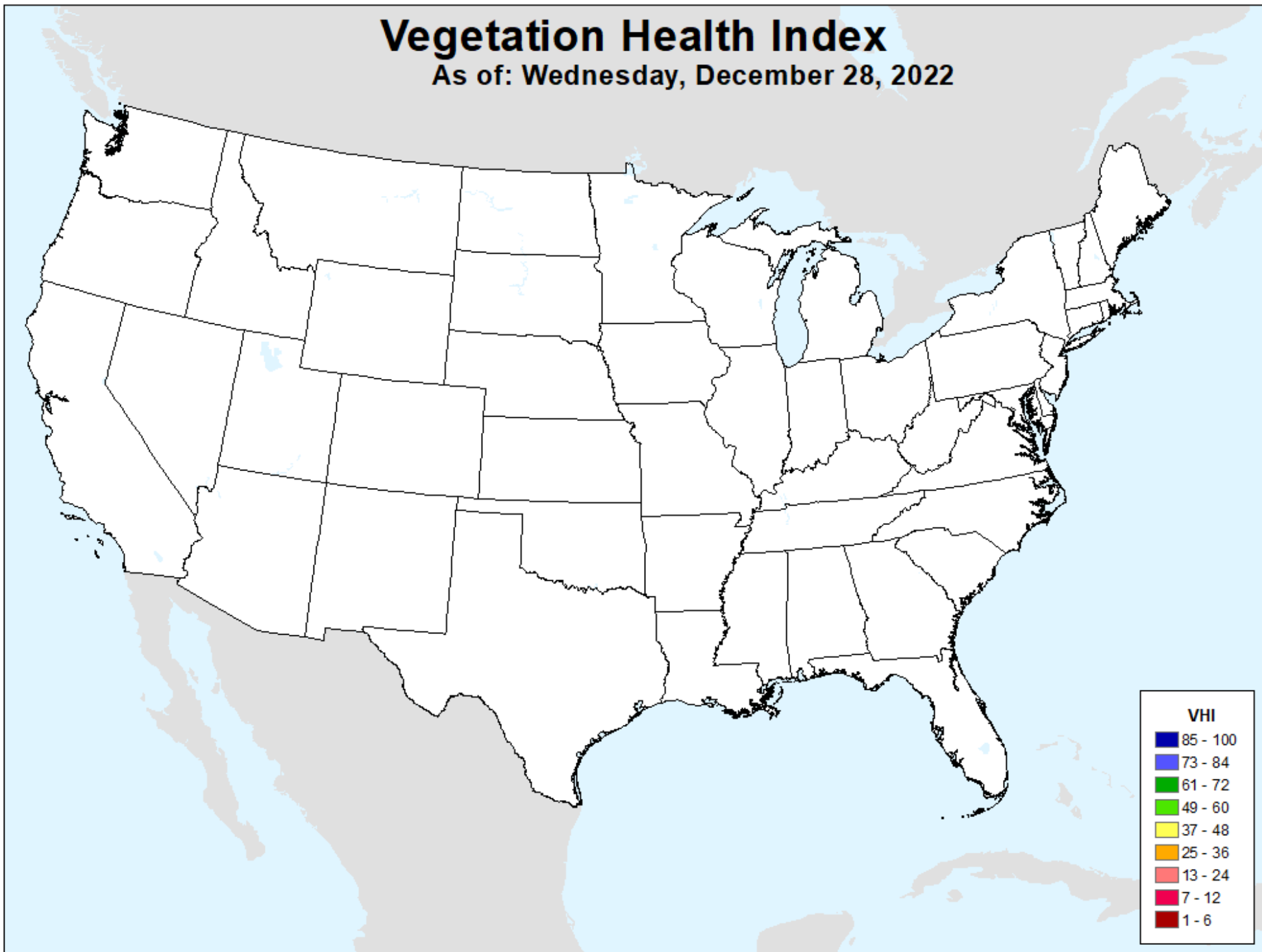


VHI	
85 - 100	Dark Blue
73 - 84	Blue
61 - 72	Green
49 - 60	Light Green
37 - 48	Yellow
25 - 36	Orange
13 - 24	Light Red
7 - 12	Red
1 - 6	Dark Red

USDM for: Dec. 20, 2022

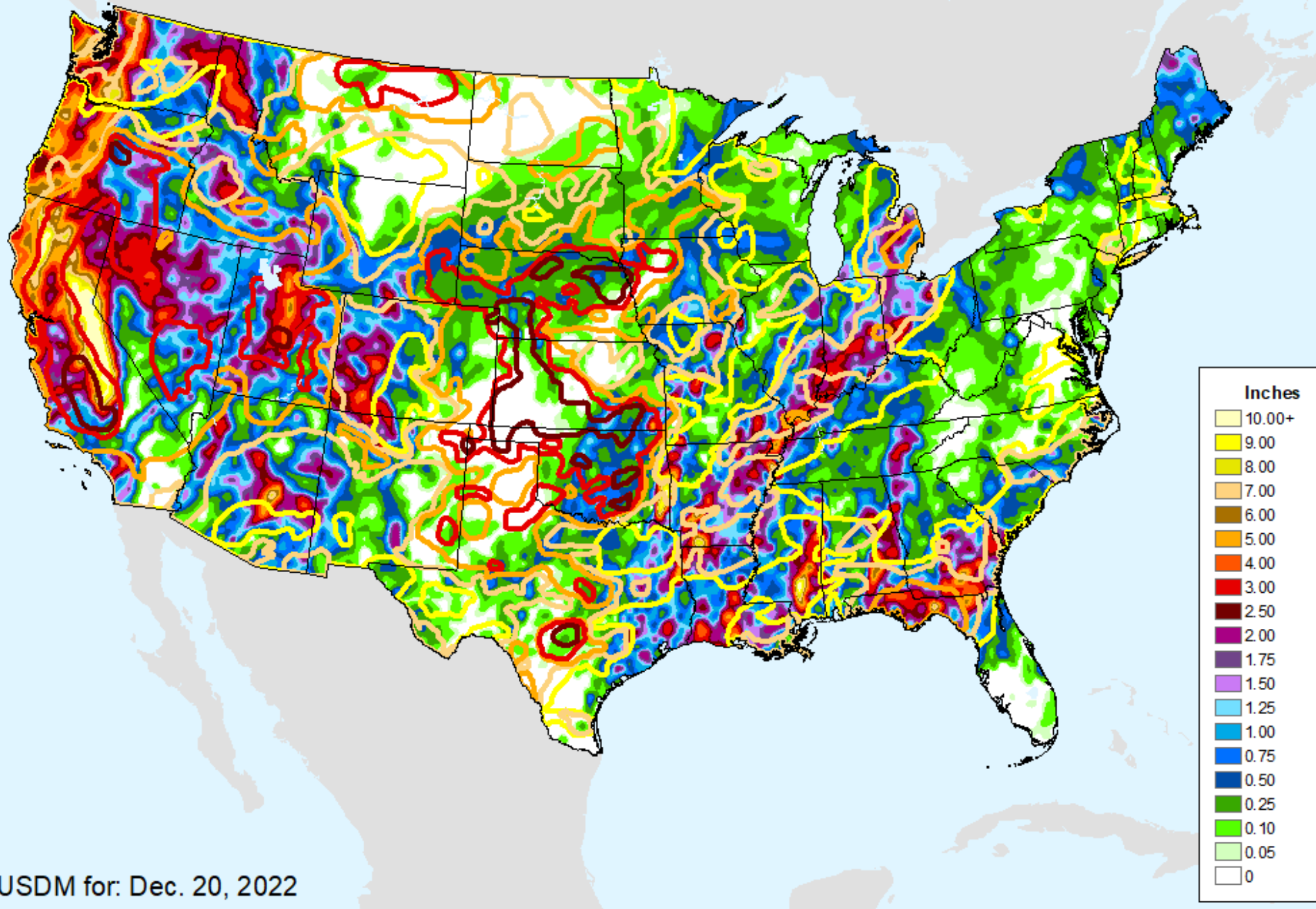
Vegetation Health Index

As of: Wednesday, December 28, 2022



GFS (00z) 7-Day Precip Forecast

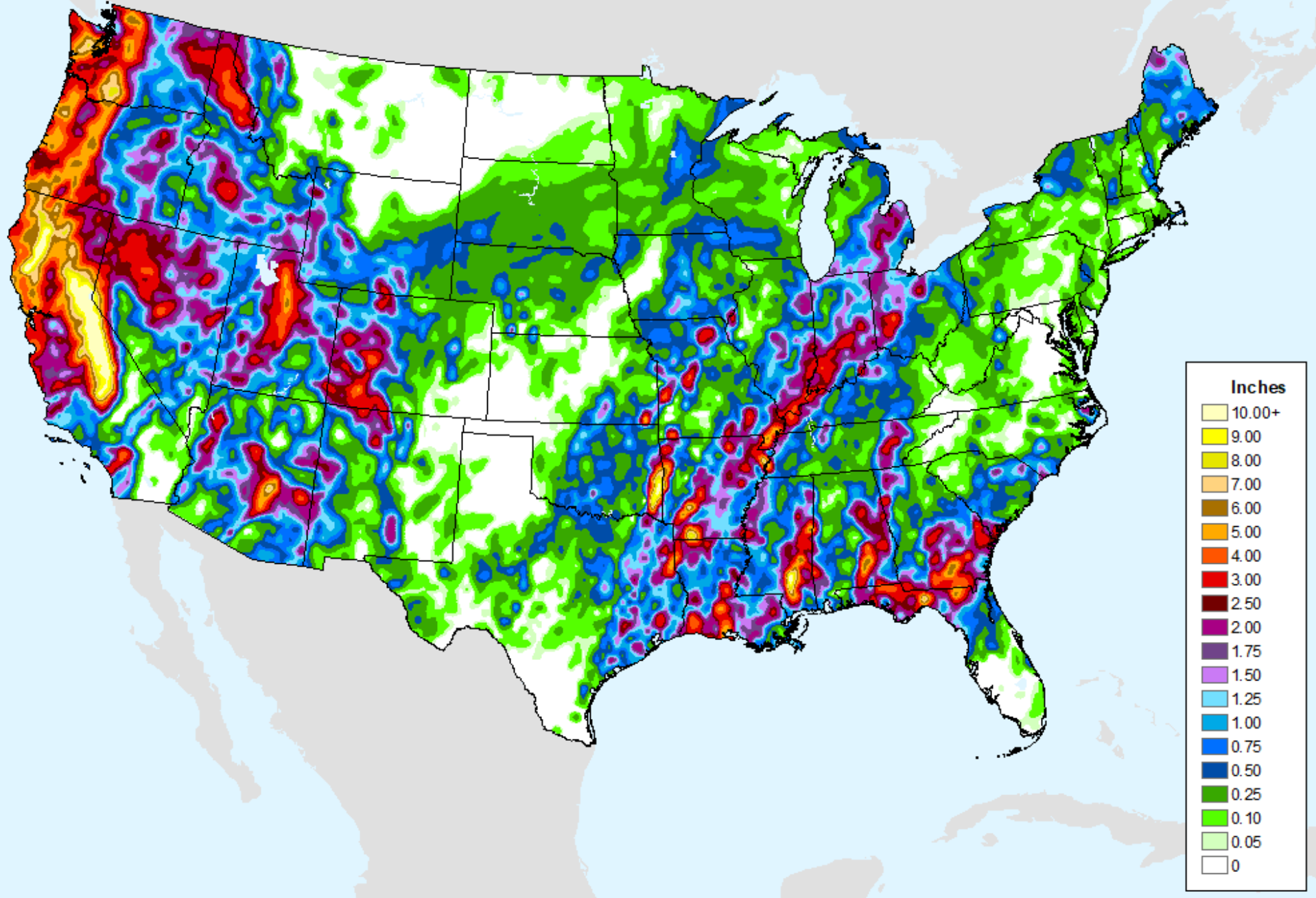
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

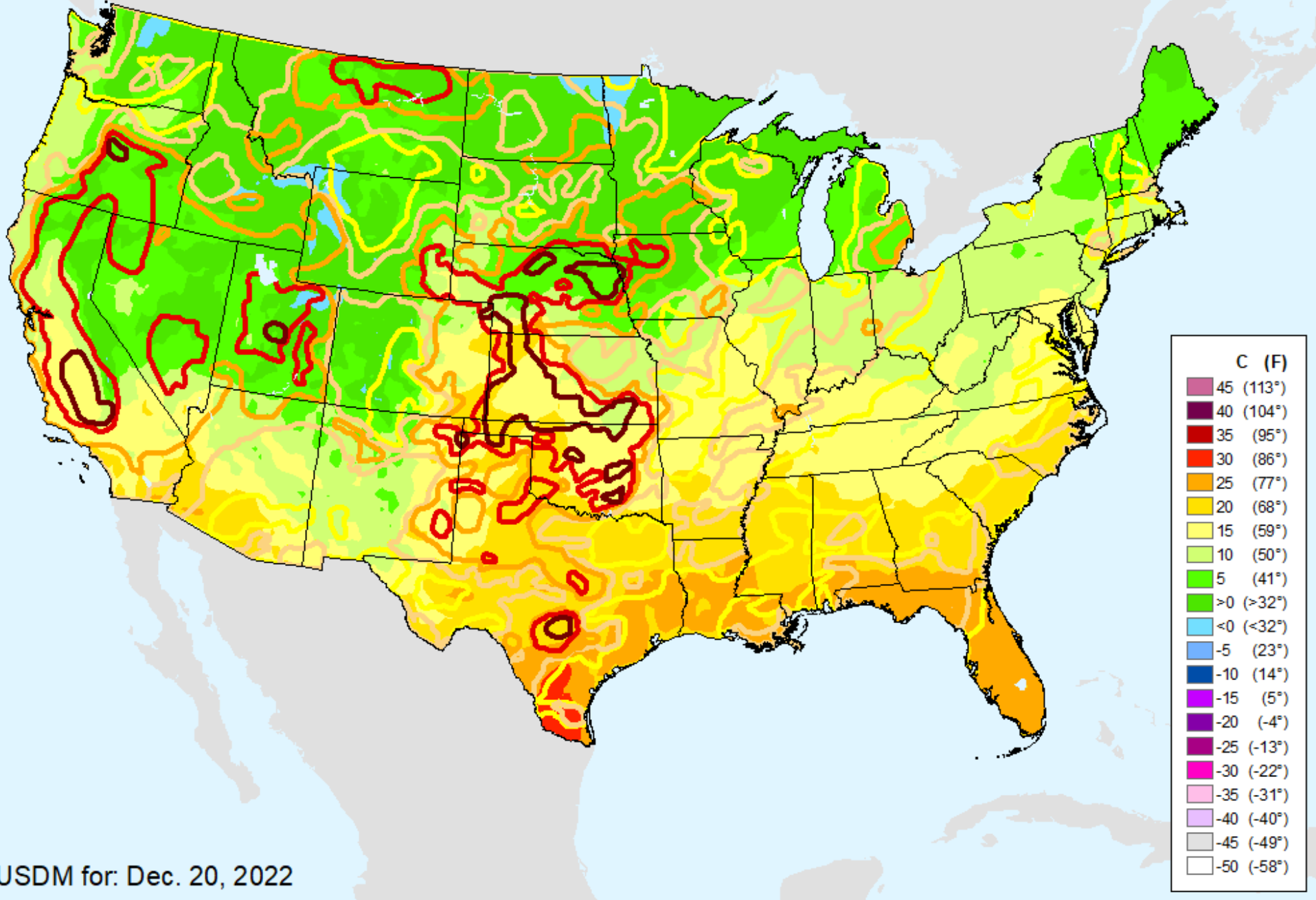
GFS (00z) 7-Day Precip Forecast

As of: Wednesday, December 28, 2022



GFS (00z) 7-Day Max Temp Forecast

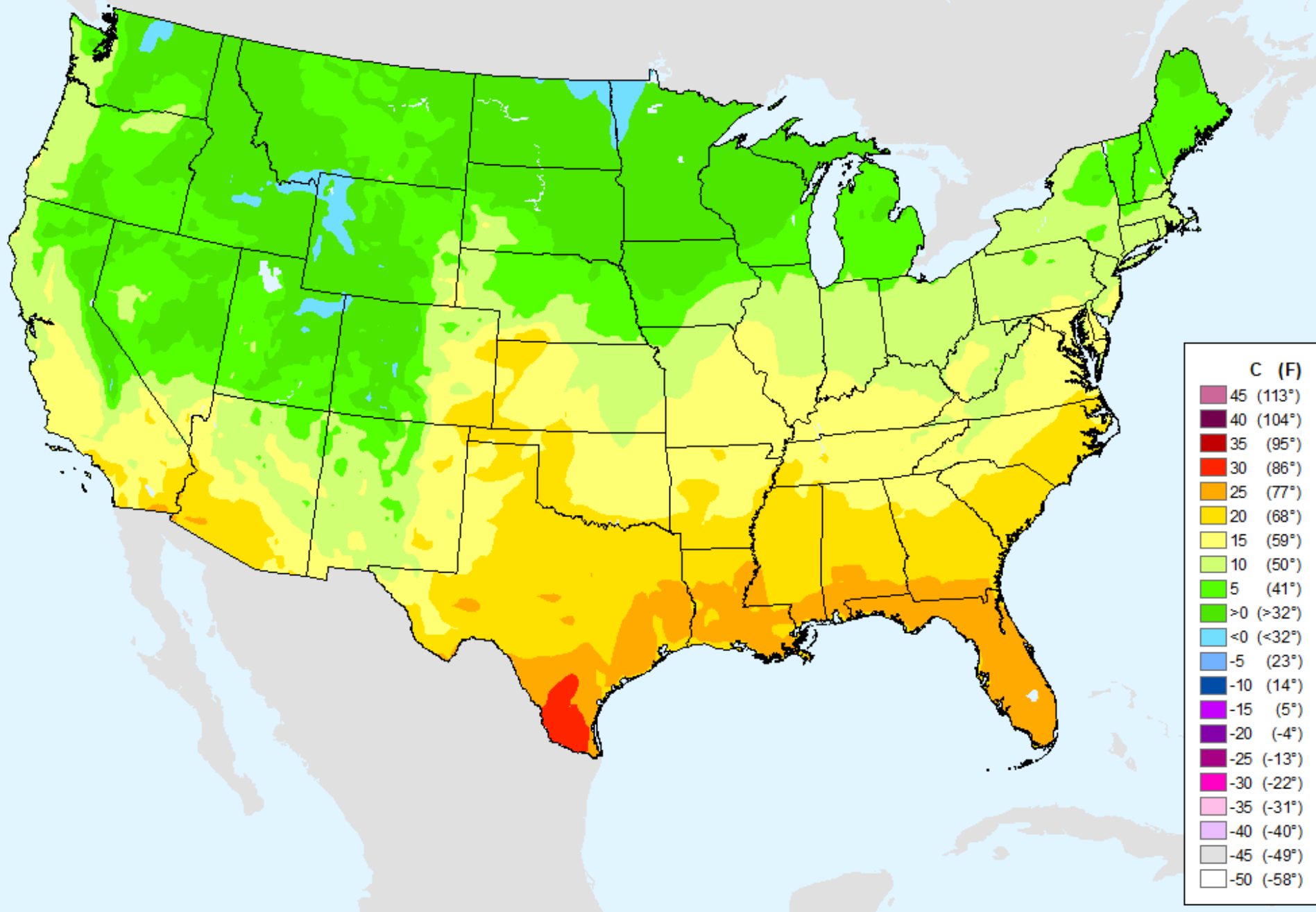
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

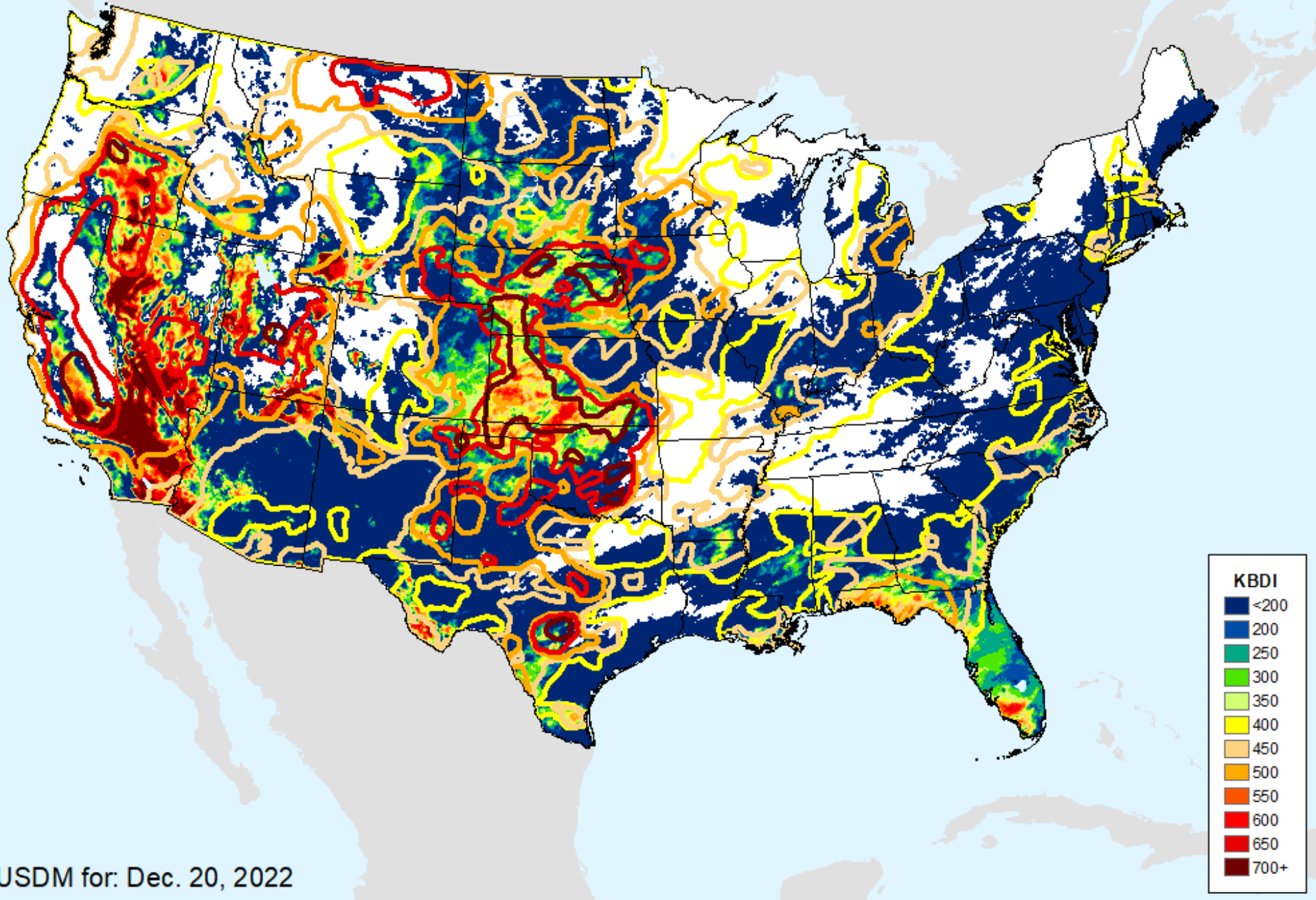
GFS (00z) 7-Day Max Temp Forecast

As of: Wednesday, December 28, 2022



Keetch-Byram Drought Index (KBDI)

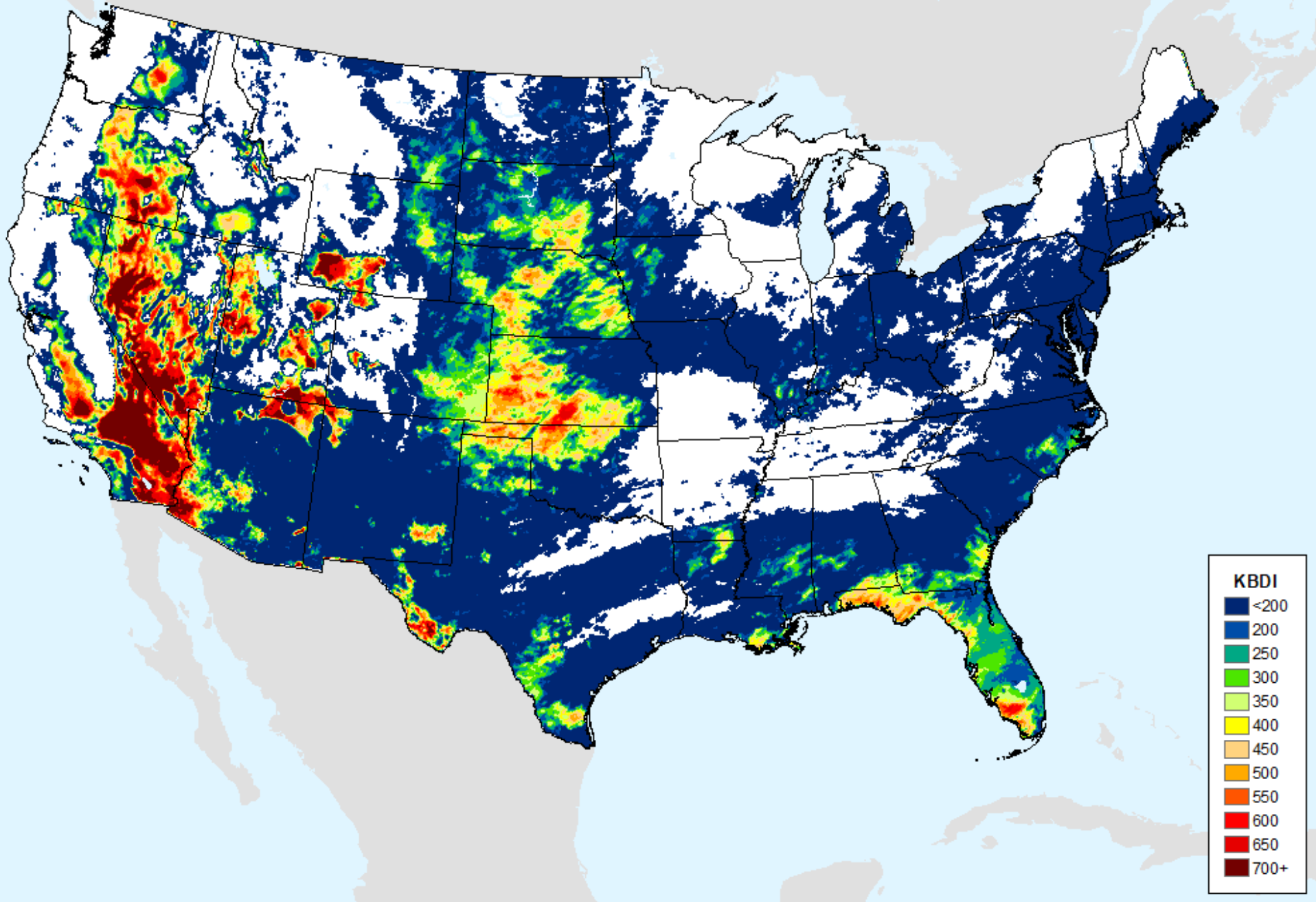
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

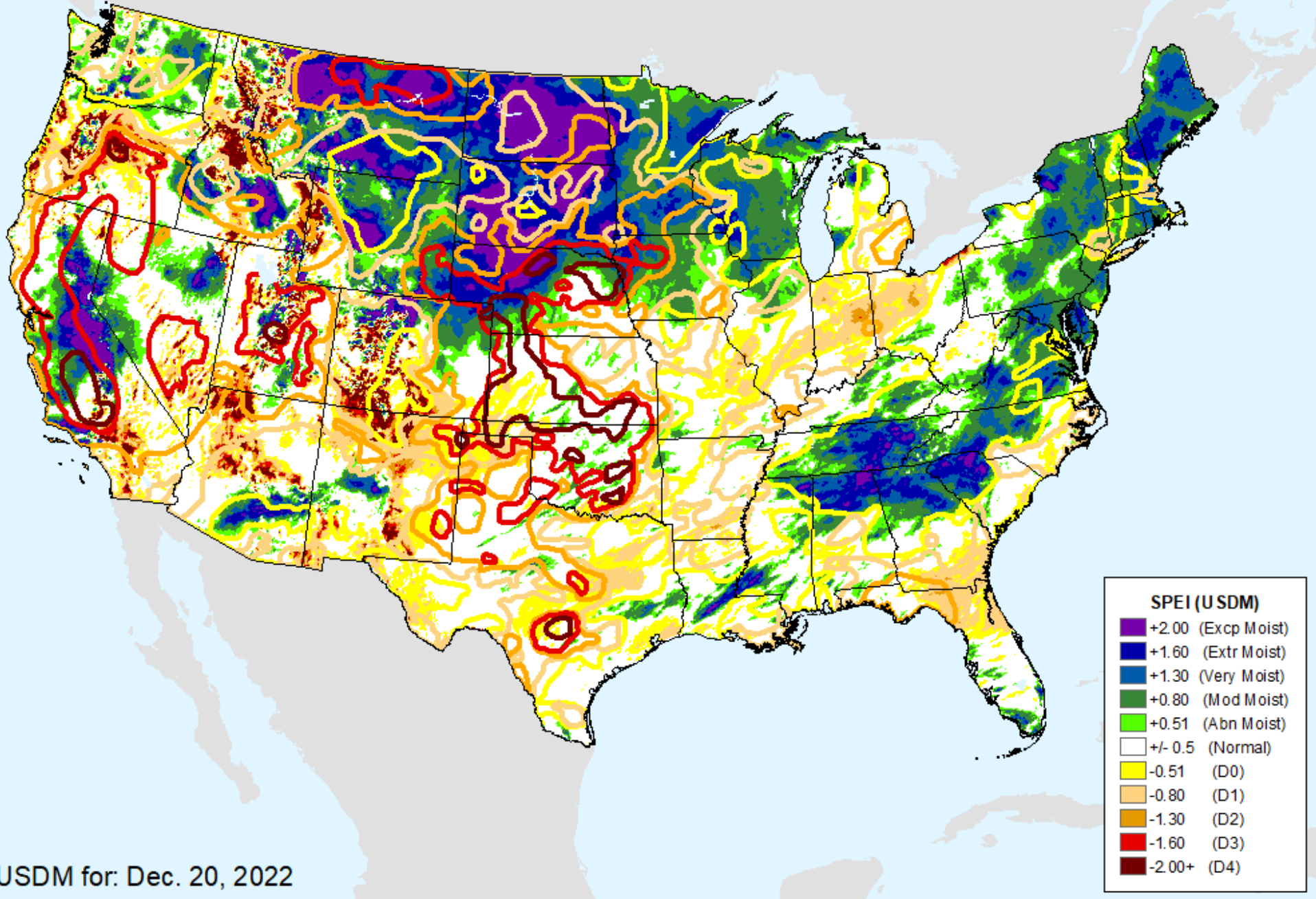
Keetch-Byram Drought Index (KBDI)

As of: Wednesday, December 28, 2022



AHPS 1-month SPEI

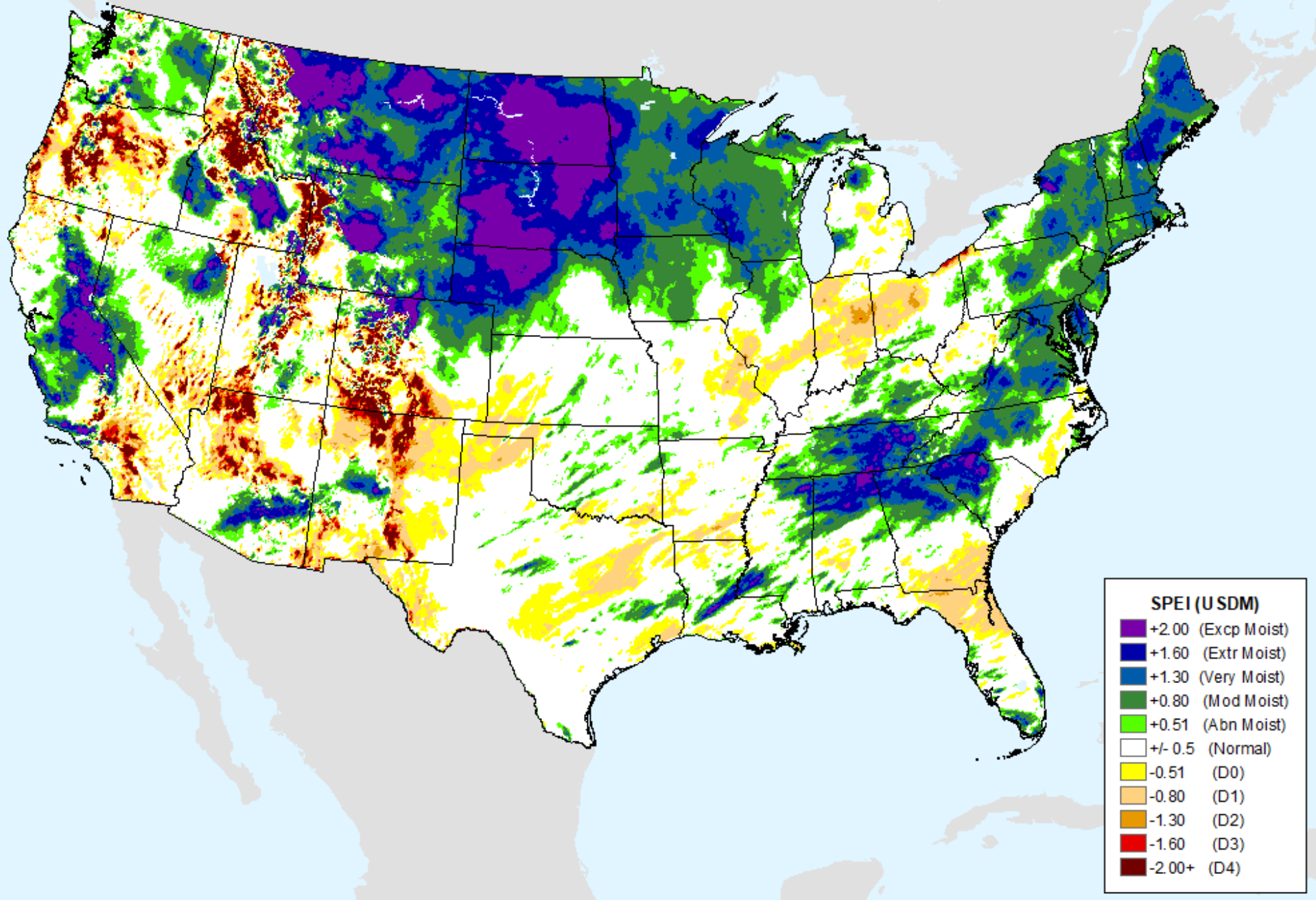
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

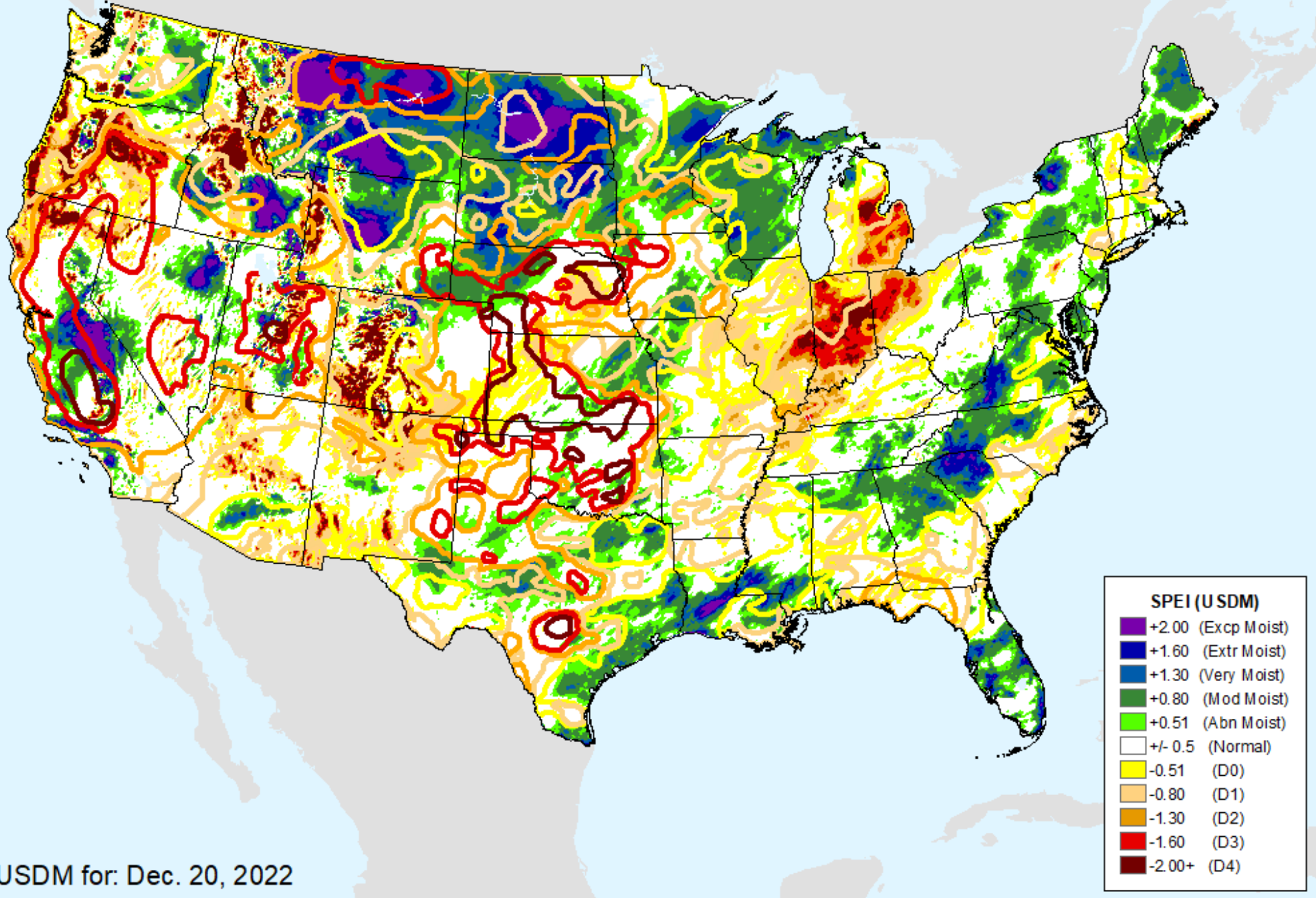
AHPS 1-month SPEI

As of: Wednesday, December 28, 2022



AHPS 2-month SPEI

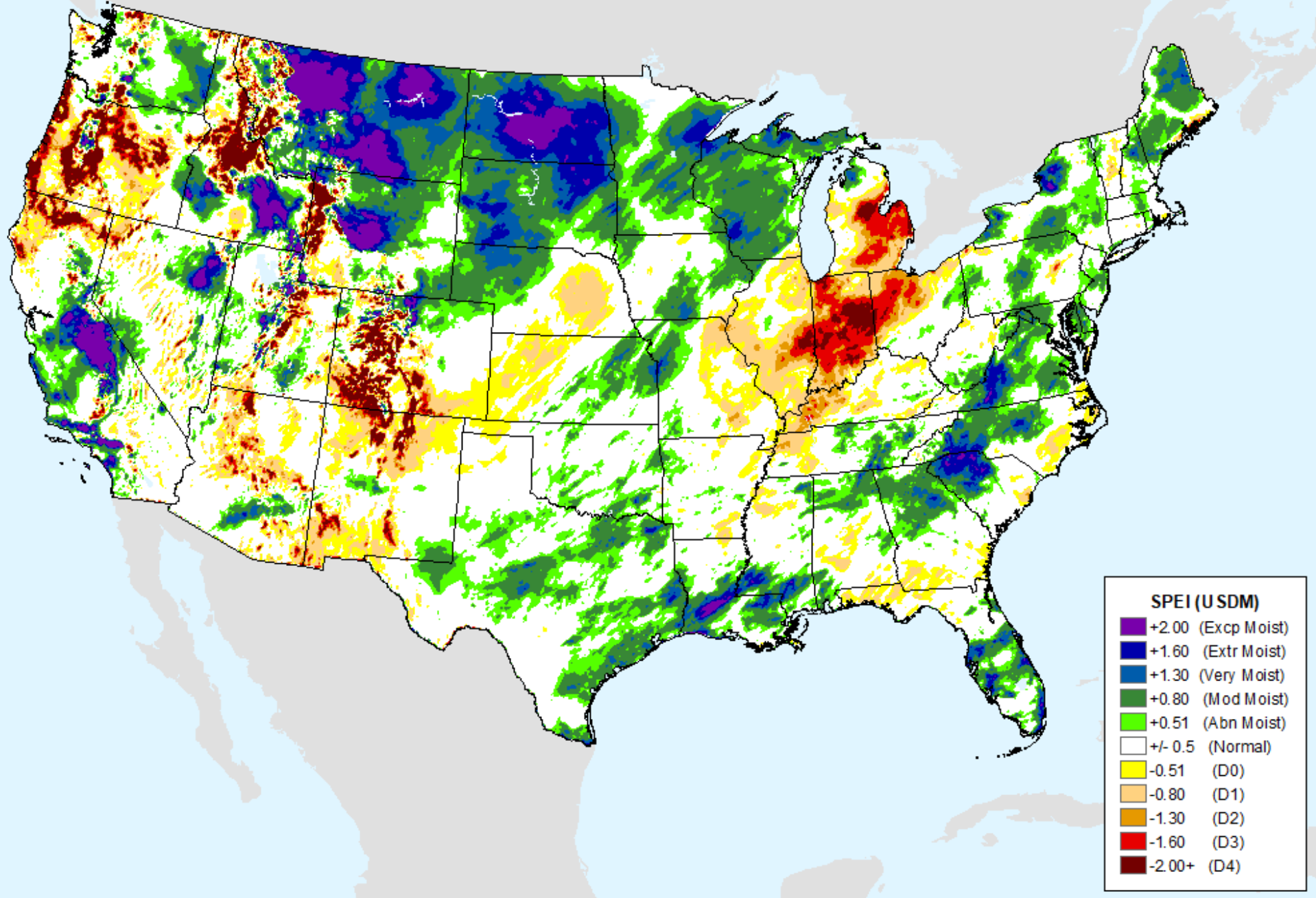
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

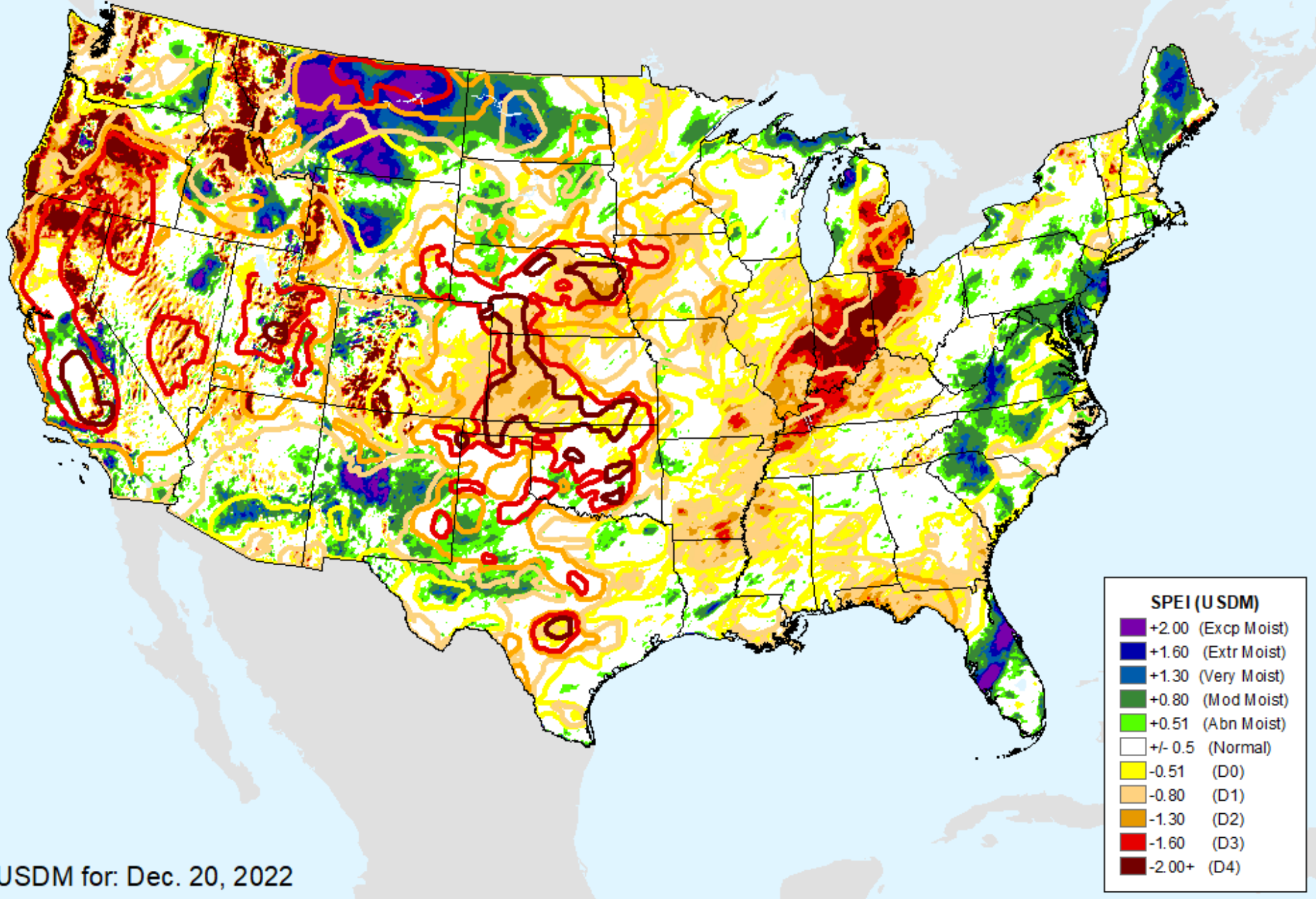
AHPS 2-month SPEI

As of: Wednesday, December 28, 2022



AHPS 3-month SPEI

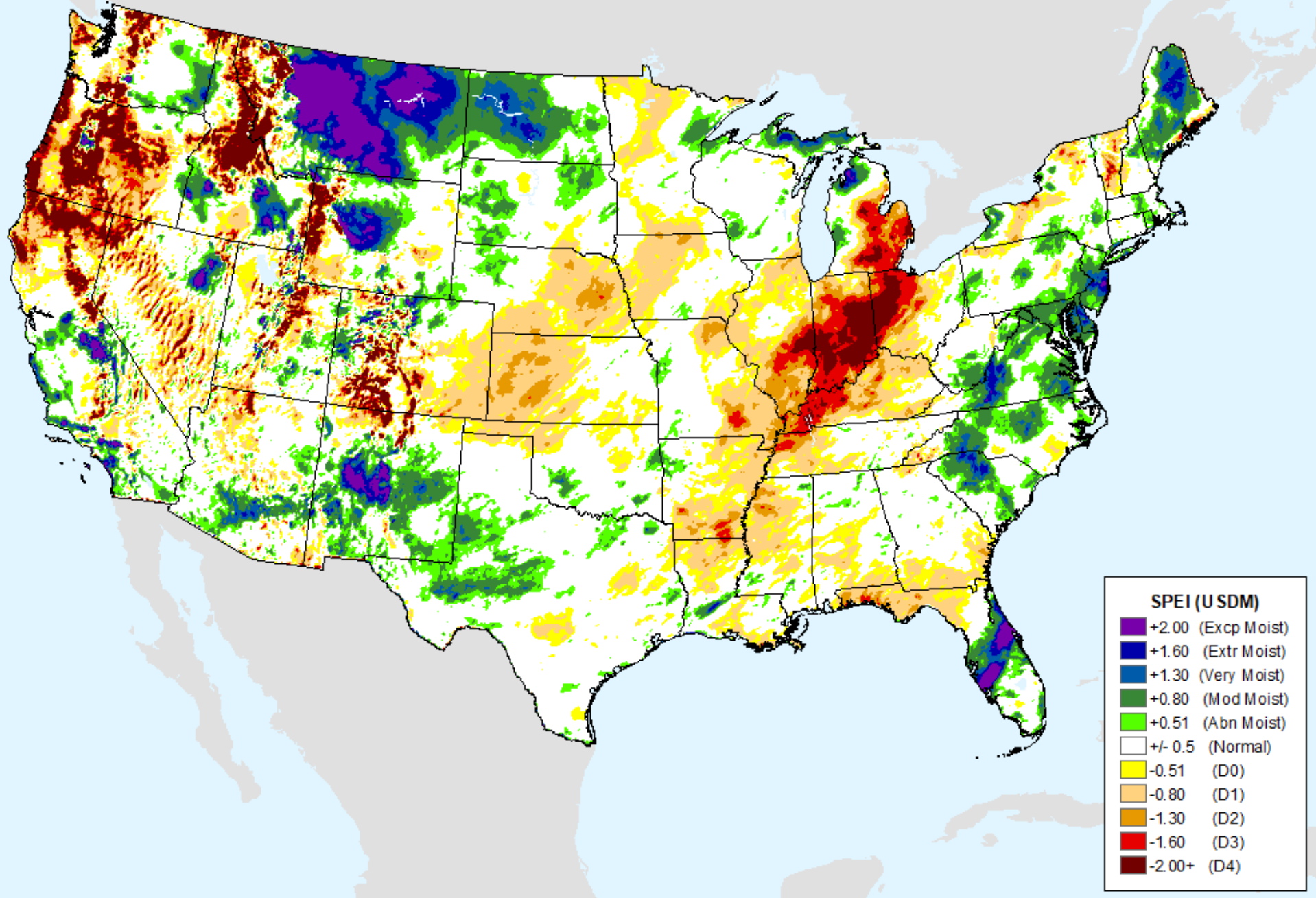
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

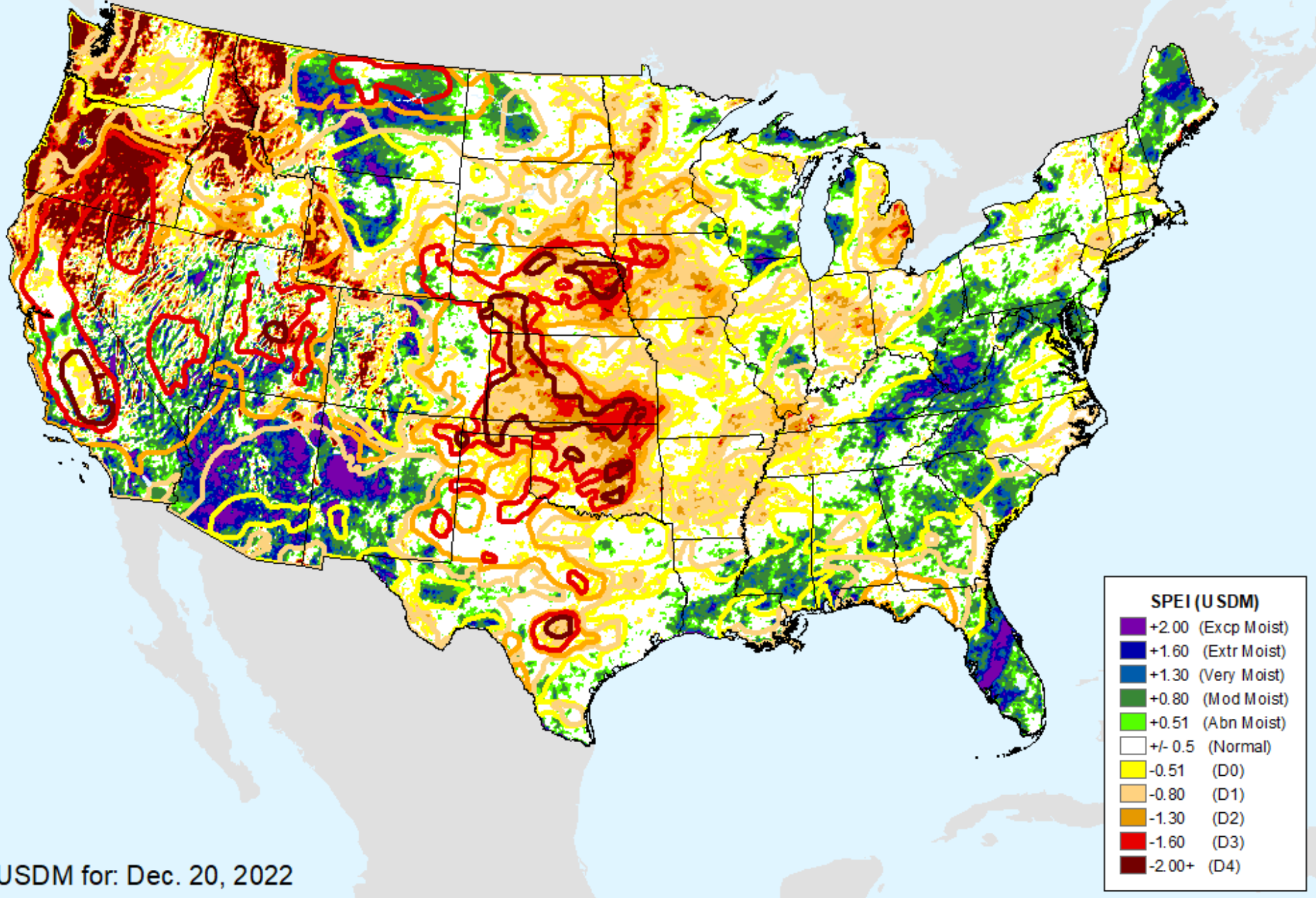
AHPS 3-month SPEI

As of: Wednesday, December 28, 2022



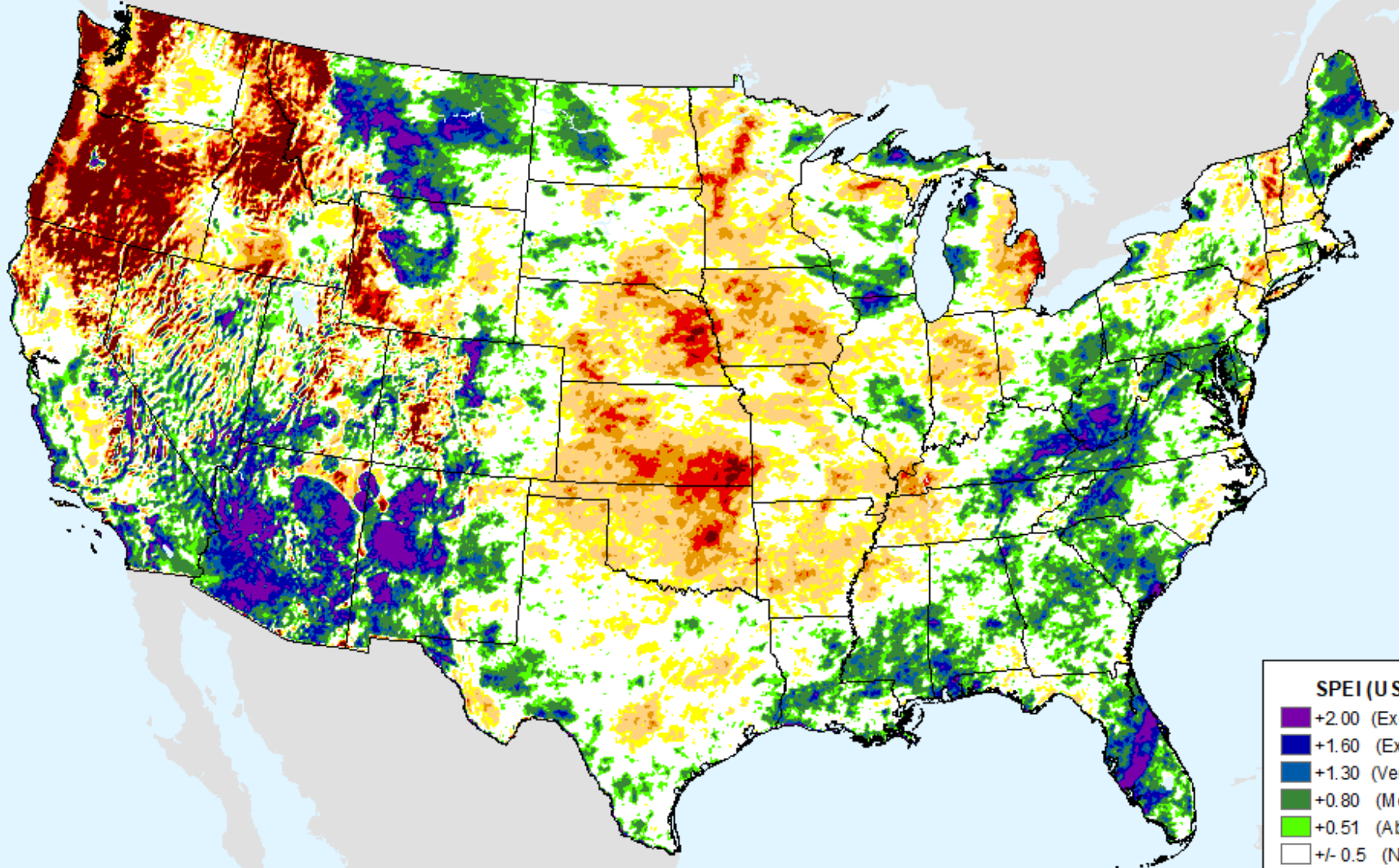
AHPS 6-month SPEI

As of: Wednesday, December 28, 2022



AHPS 6-month SPEI

As of: Wednesday, December 28, 2022

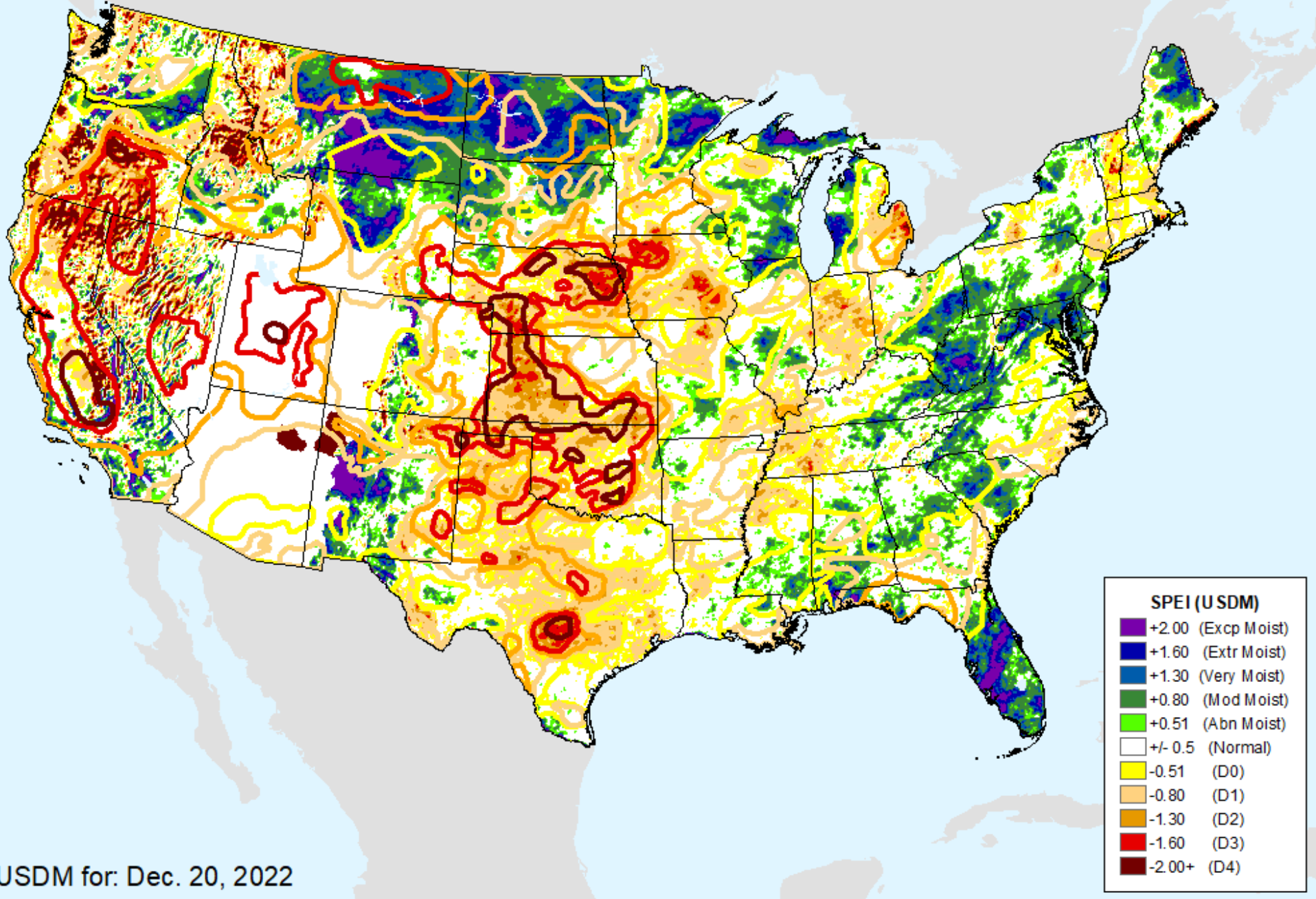


SPEI (USDM)

- +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

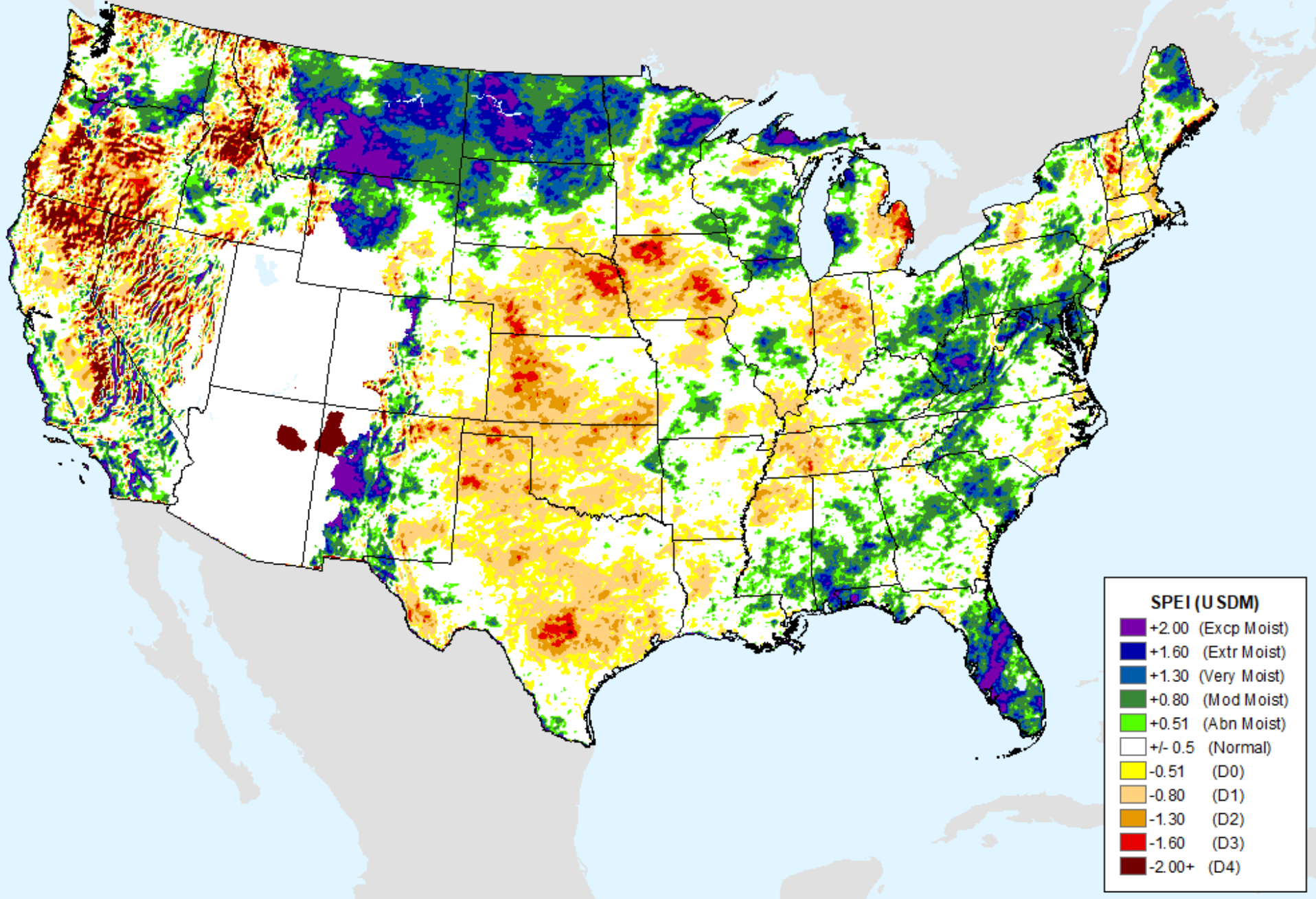
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

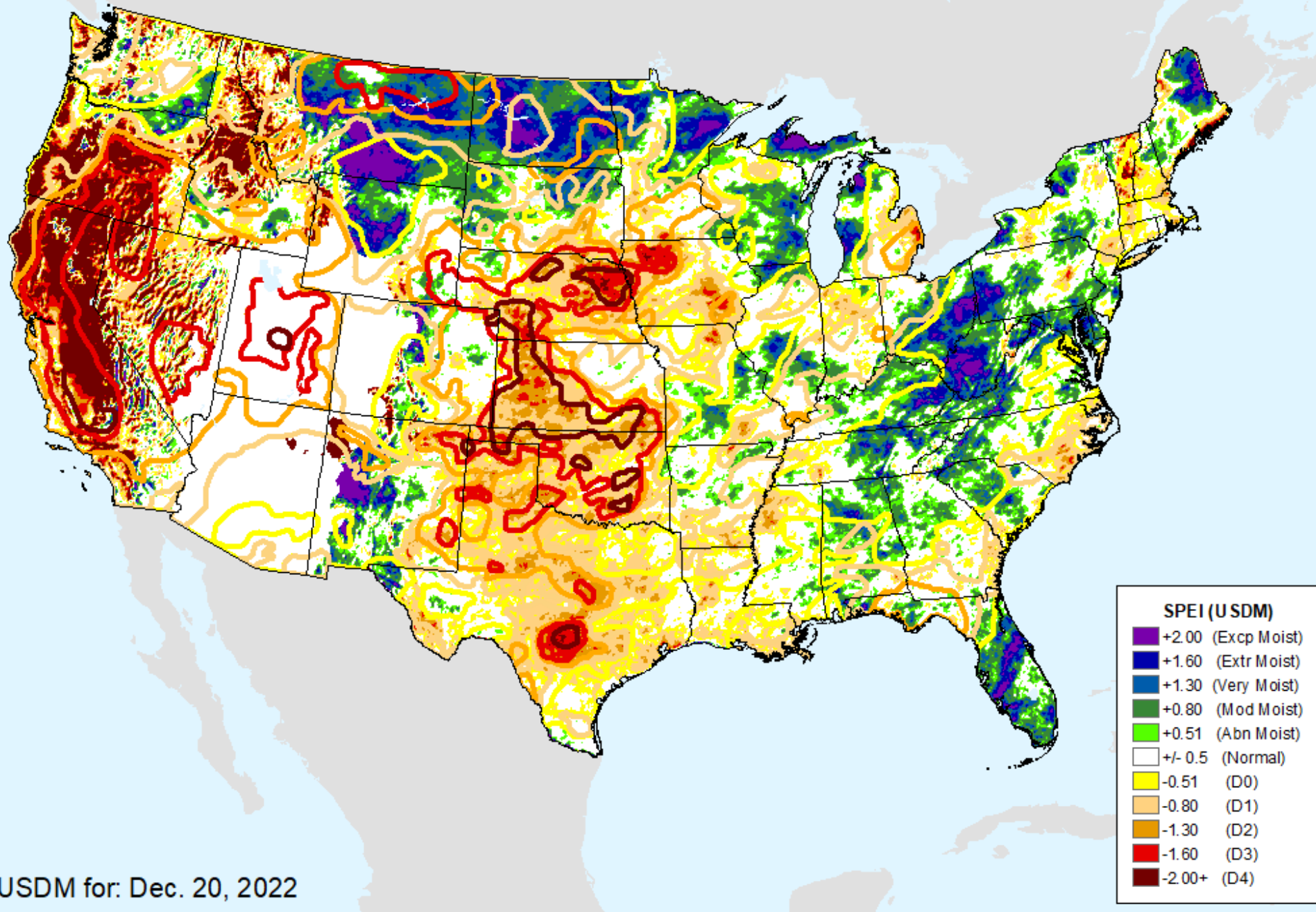
AHPS 9-month SPEI

As of: Wednesday, December 28, 2022



AHPS 12-month SPEI

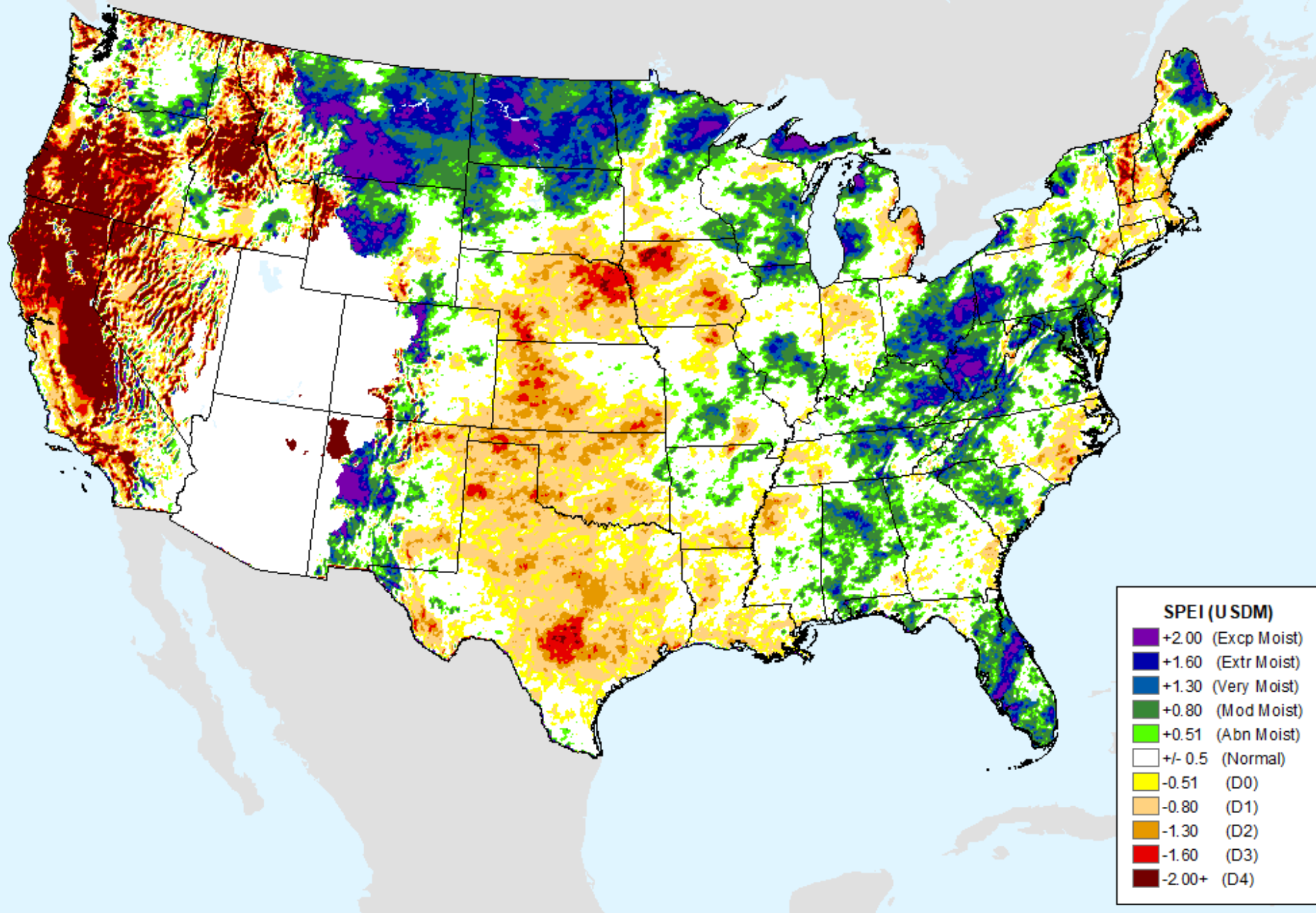
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

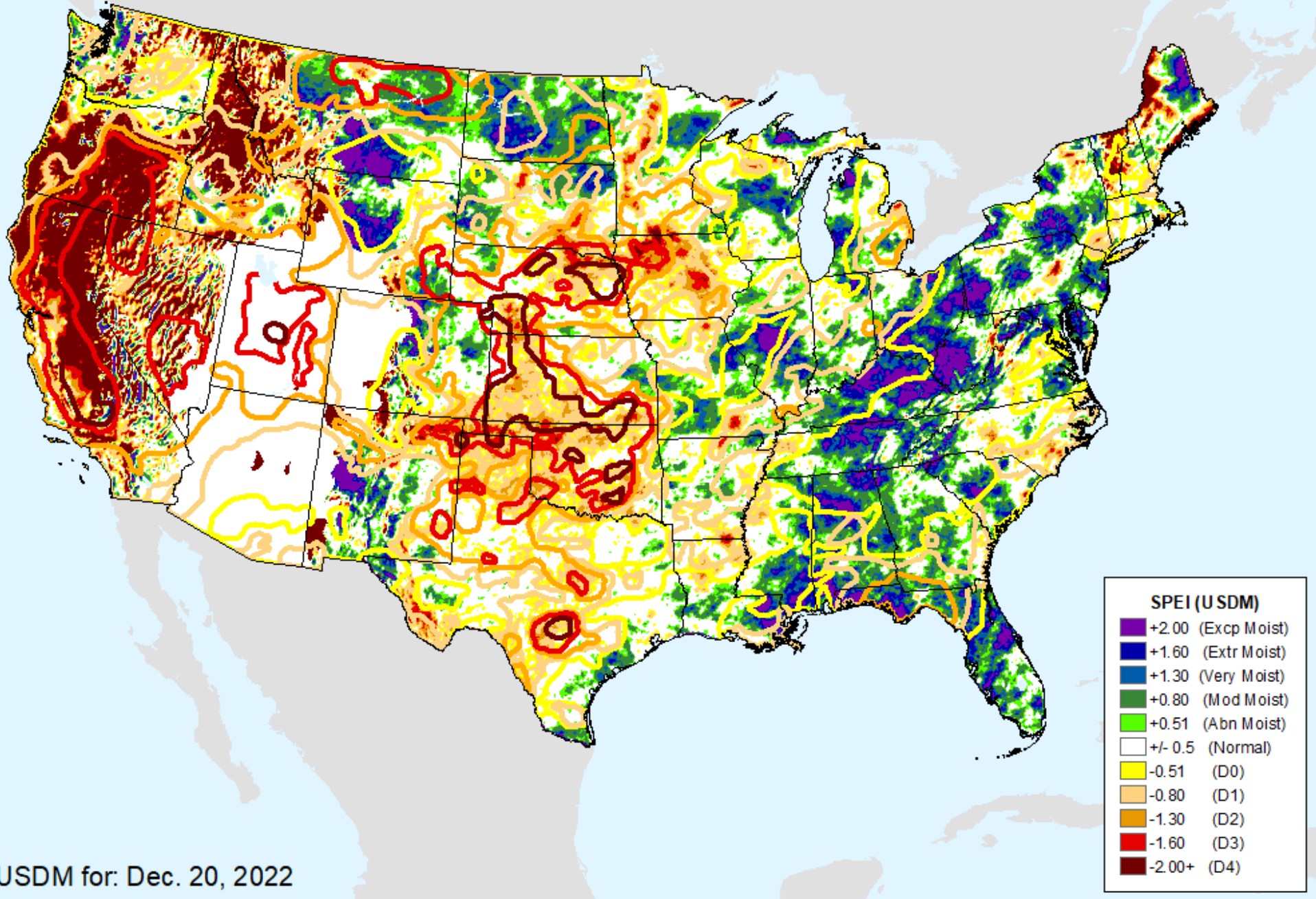
AHPS 12-month SPEI

As of: Wednesday, December 28, 2022



AHPS 24-month SPEI

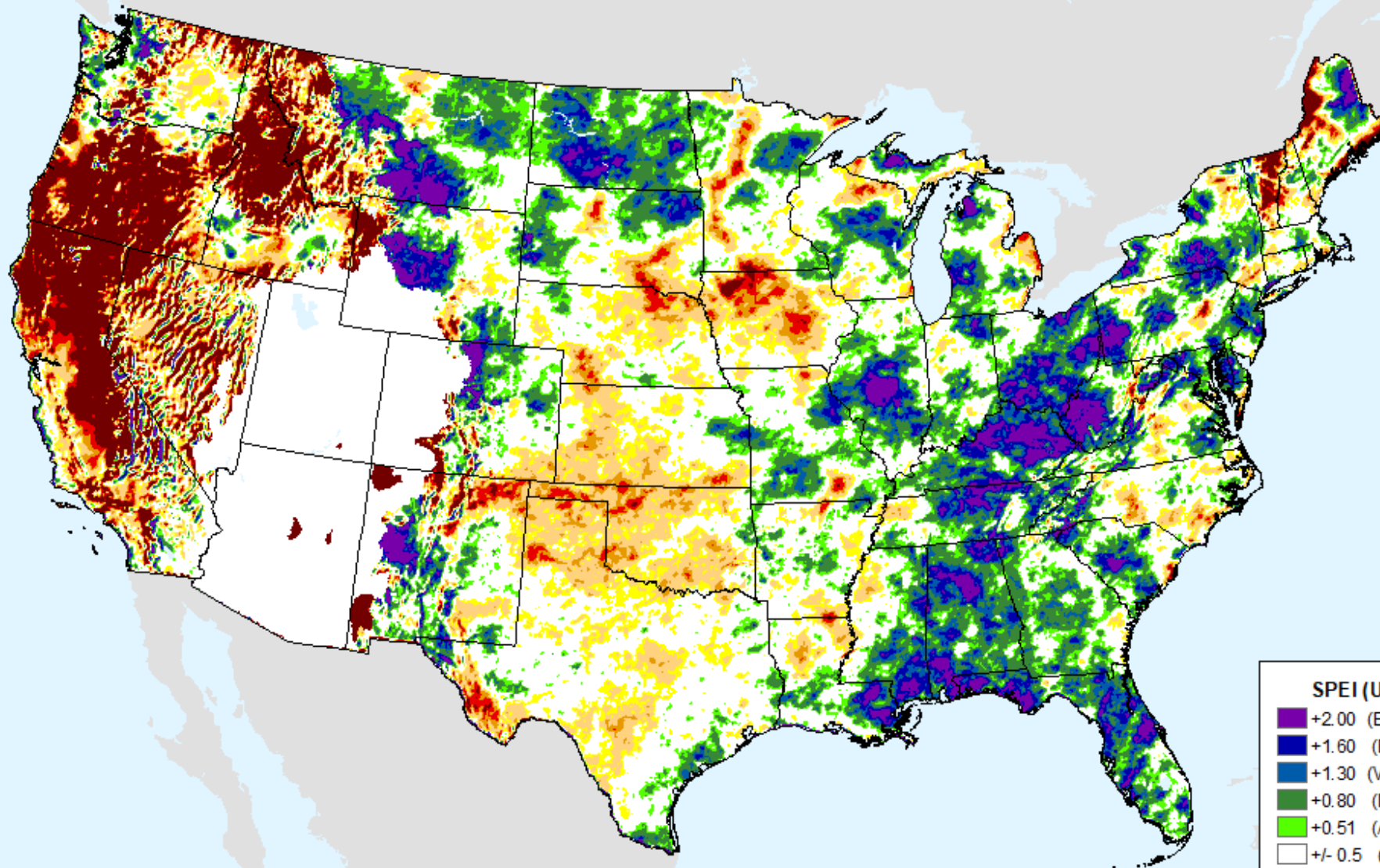
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

AHPS 24-month SPEI

As of: Wednesday, December 28, 2022

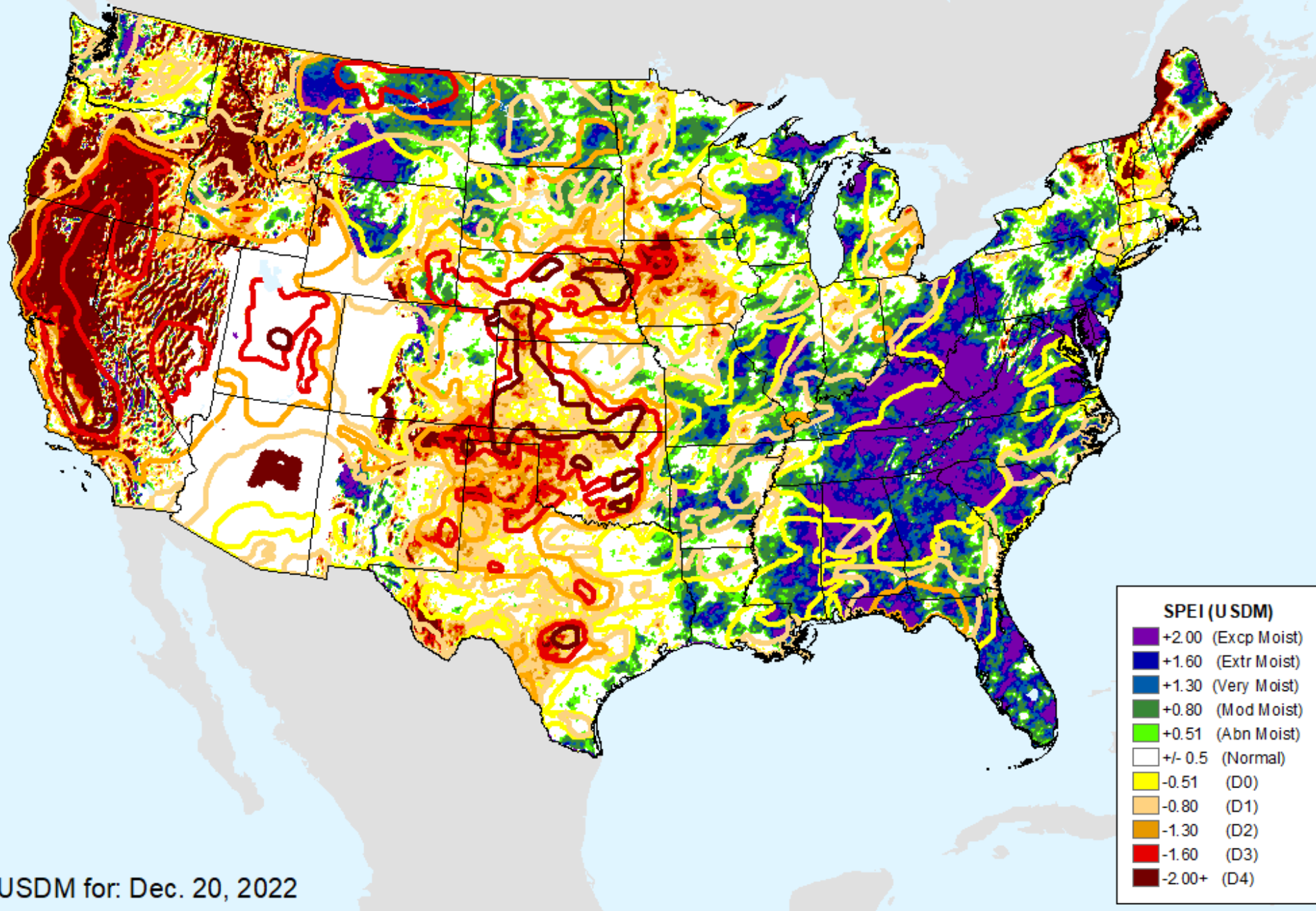


SPEI (USDM)

- +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

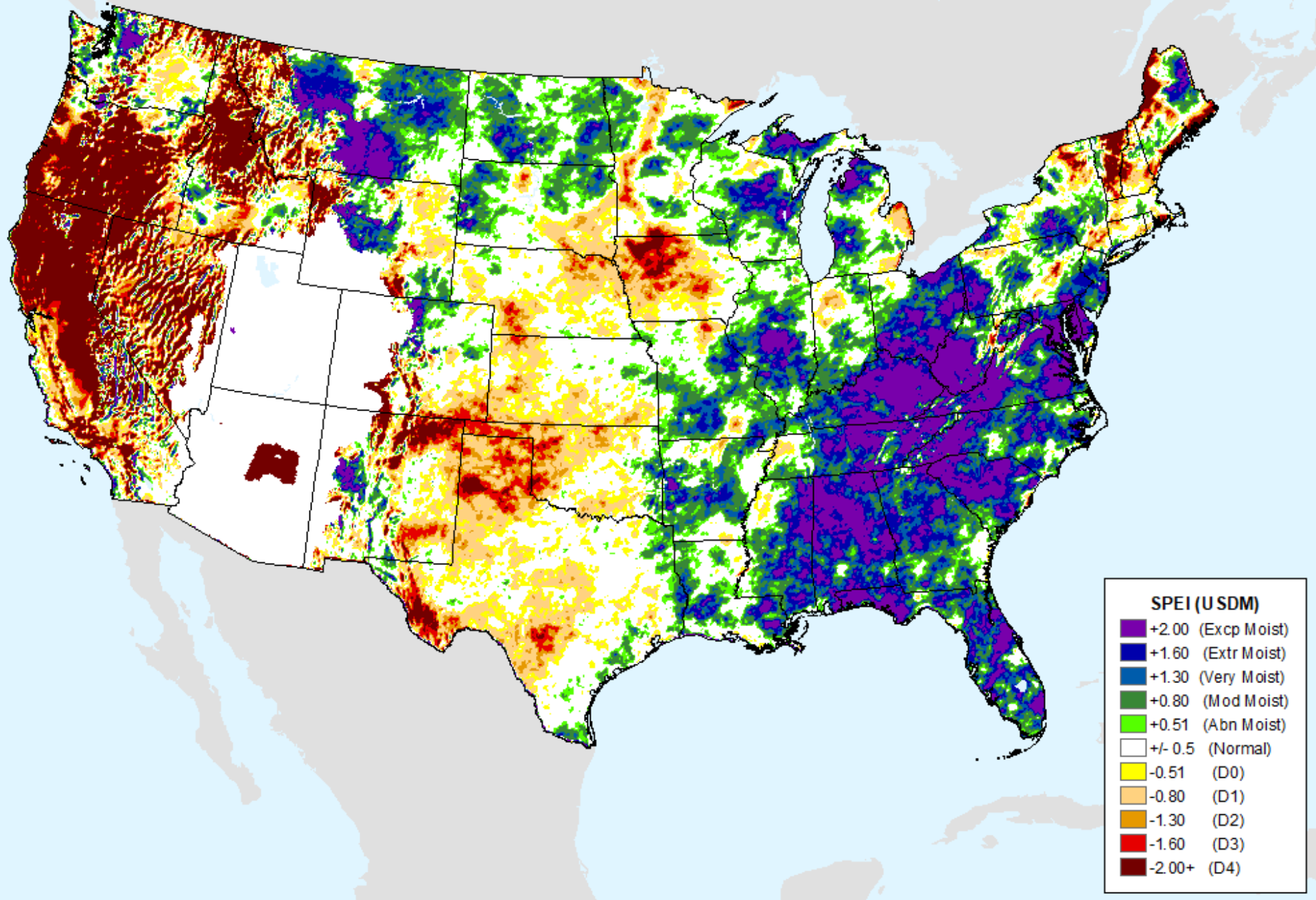
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

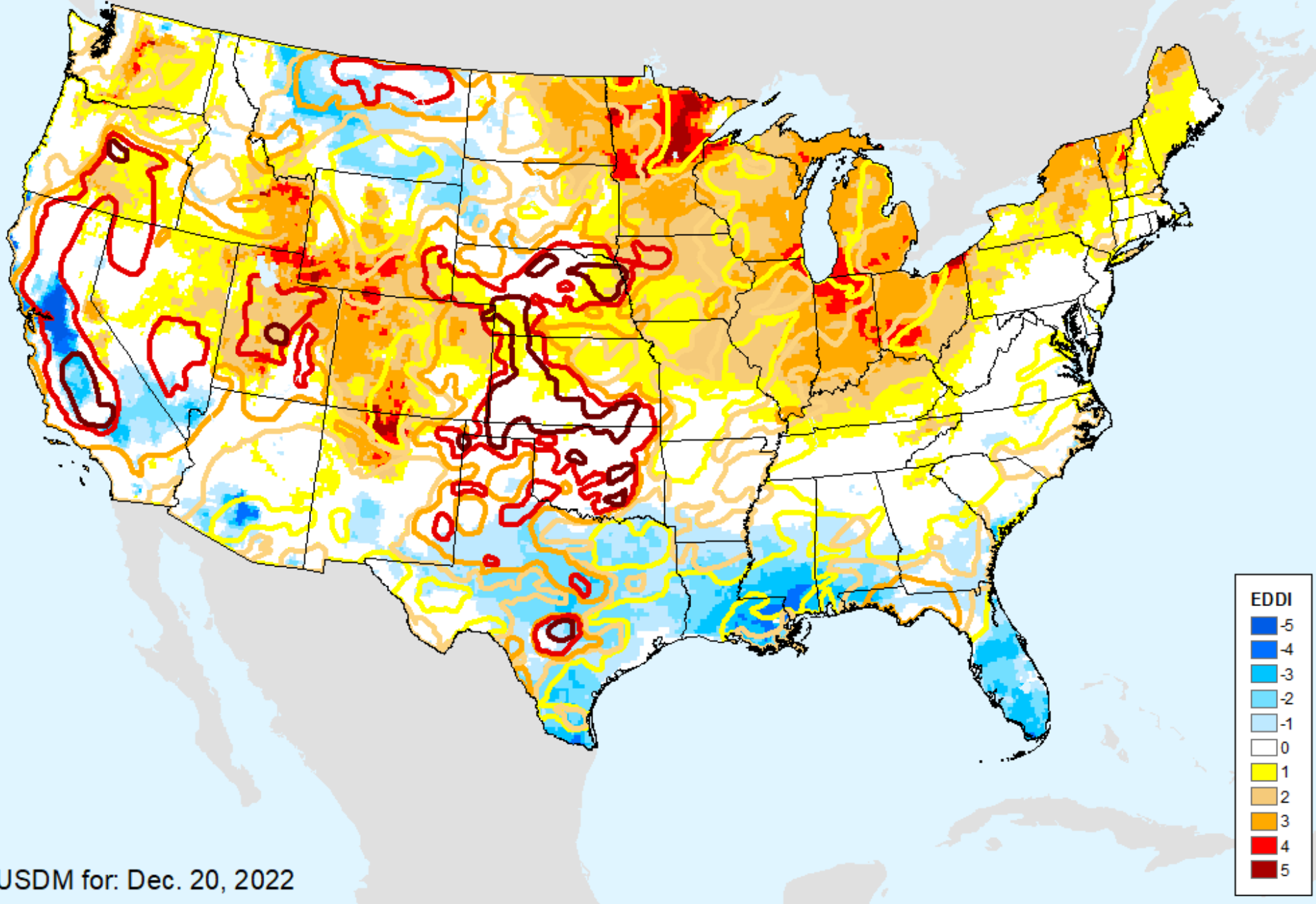
AHPS 36-month SPEI

As of: Wednesday, December 28, 2022



EDDI 1-week

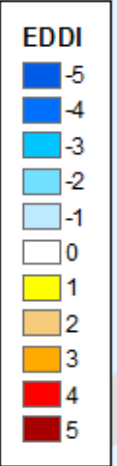
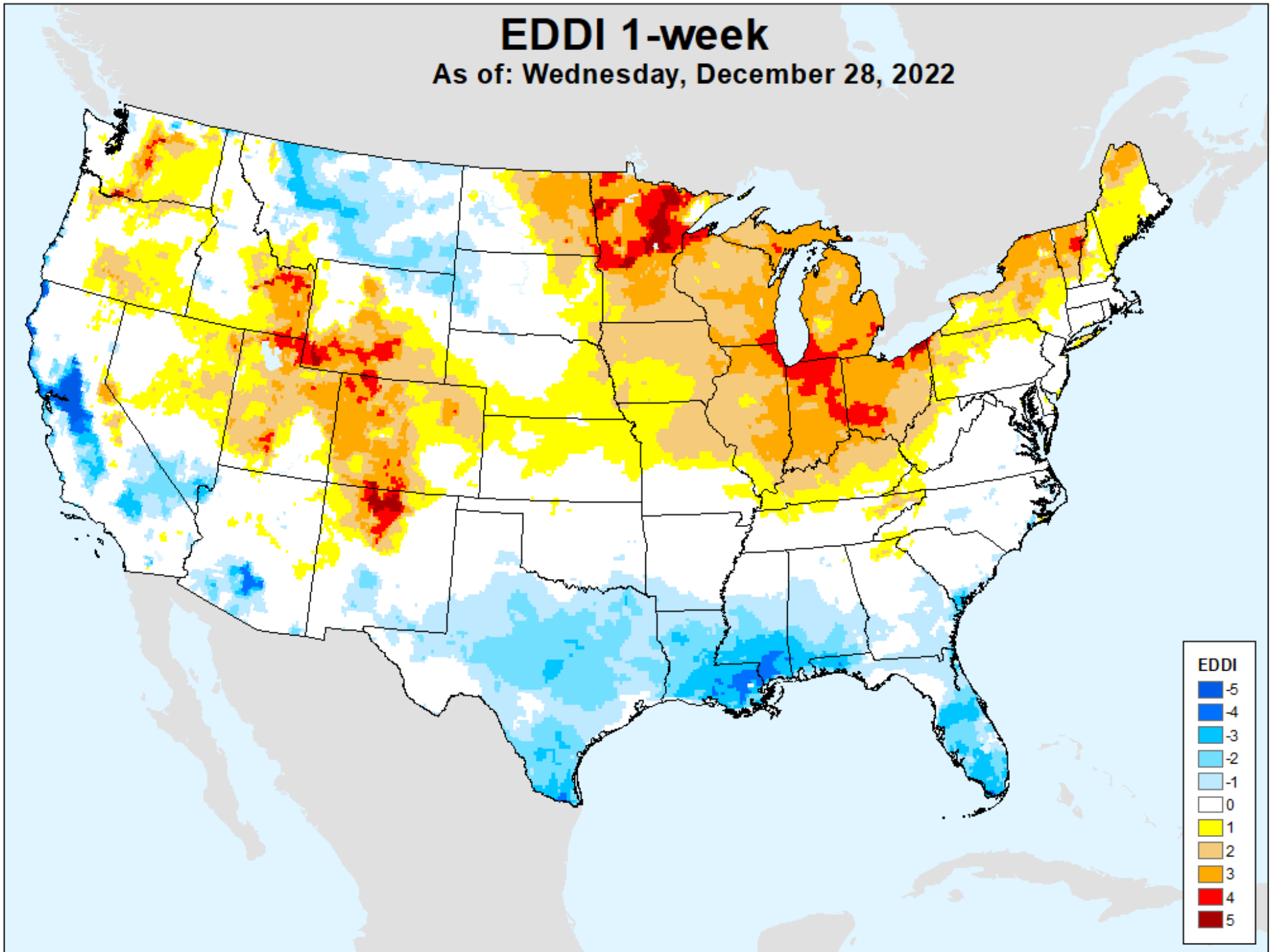
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

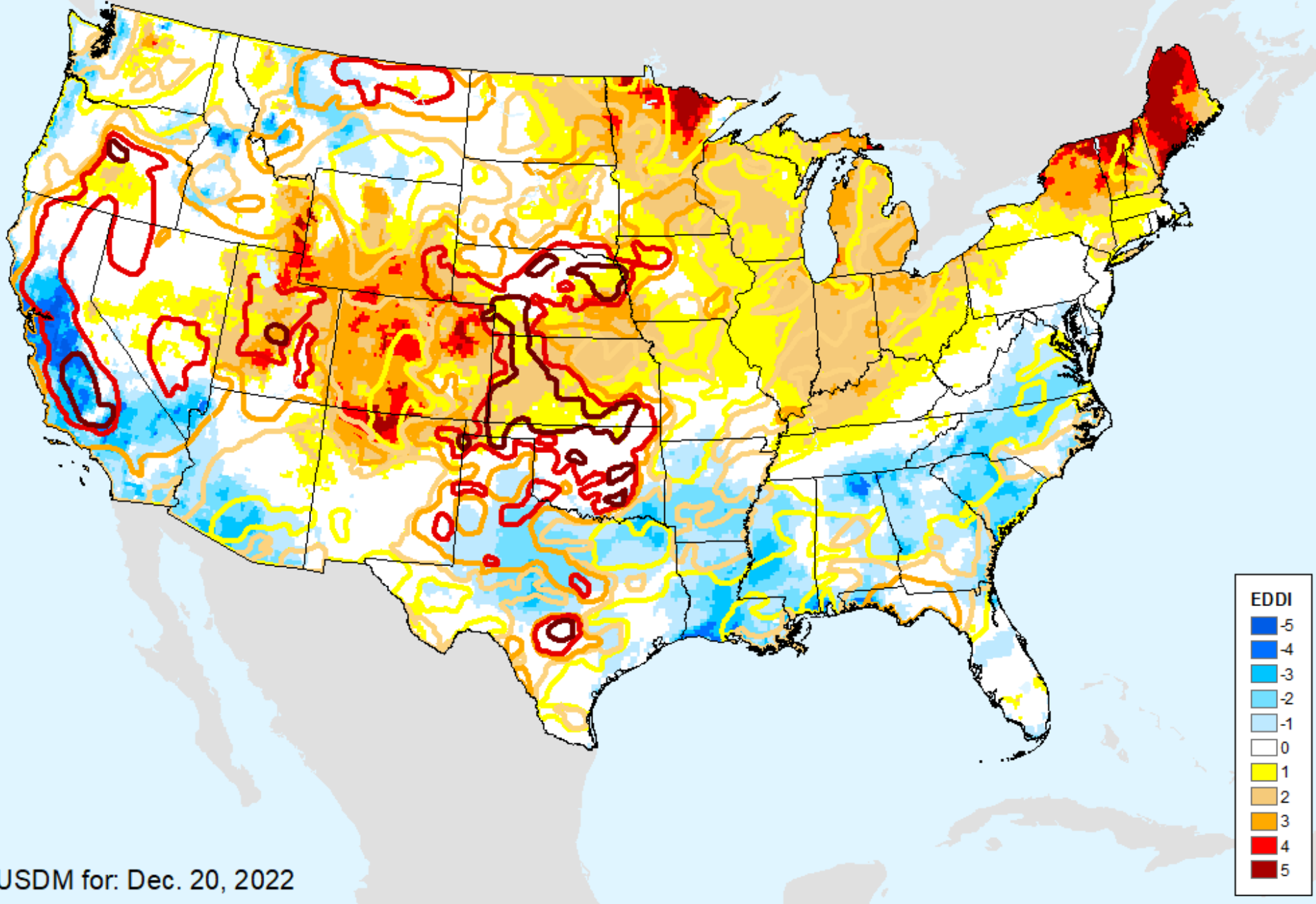
EDDI 1-week

As of: Wednesday, December 28, 2022



EDDI 2-week

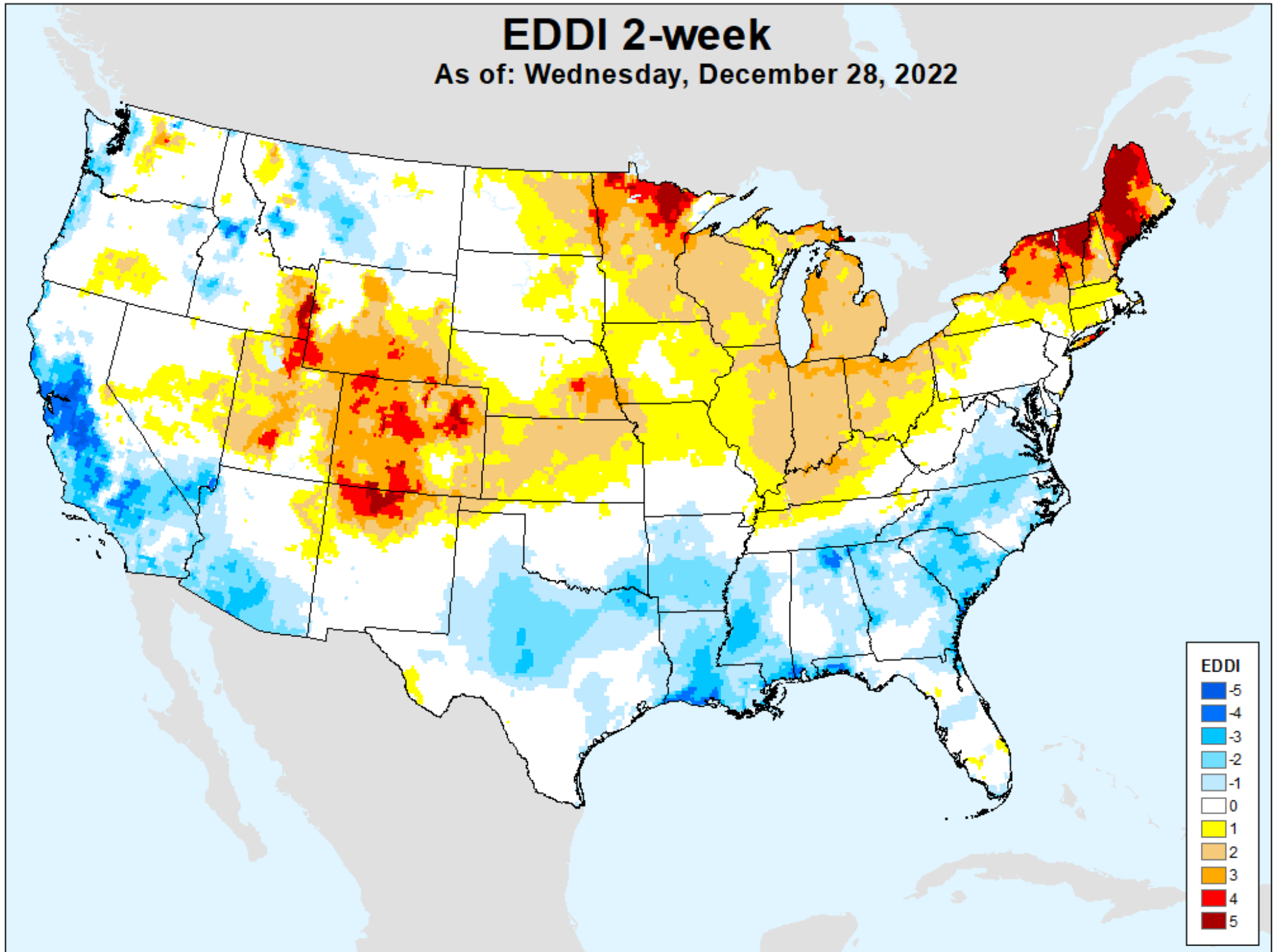
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

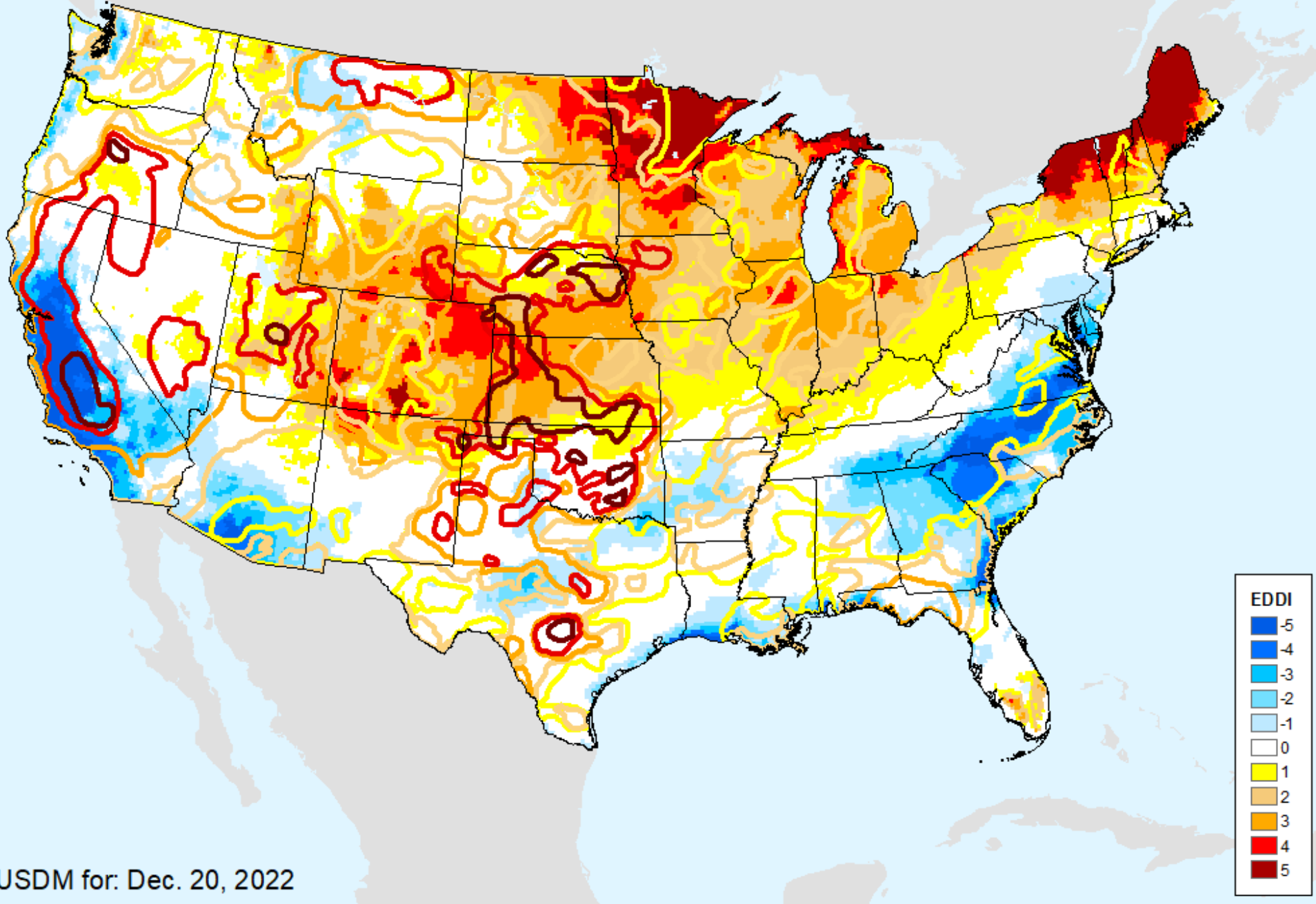
EDDI 2-week

As of: Wednesday, December 28, 2022



EDDI 3-week

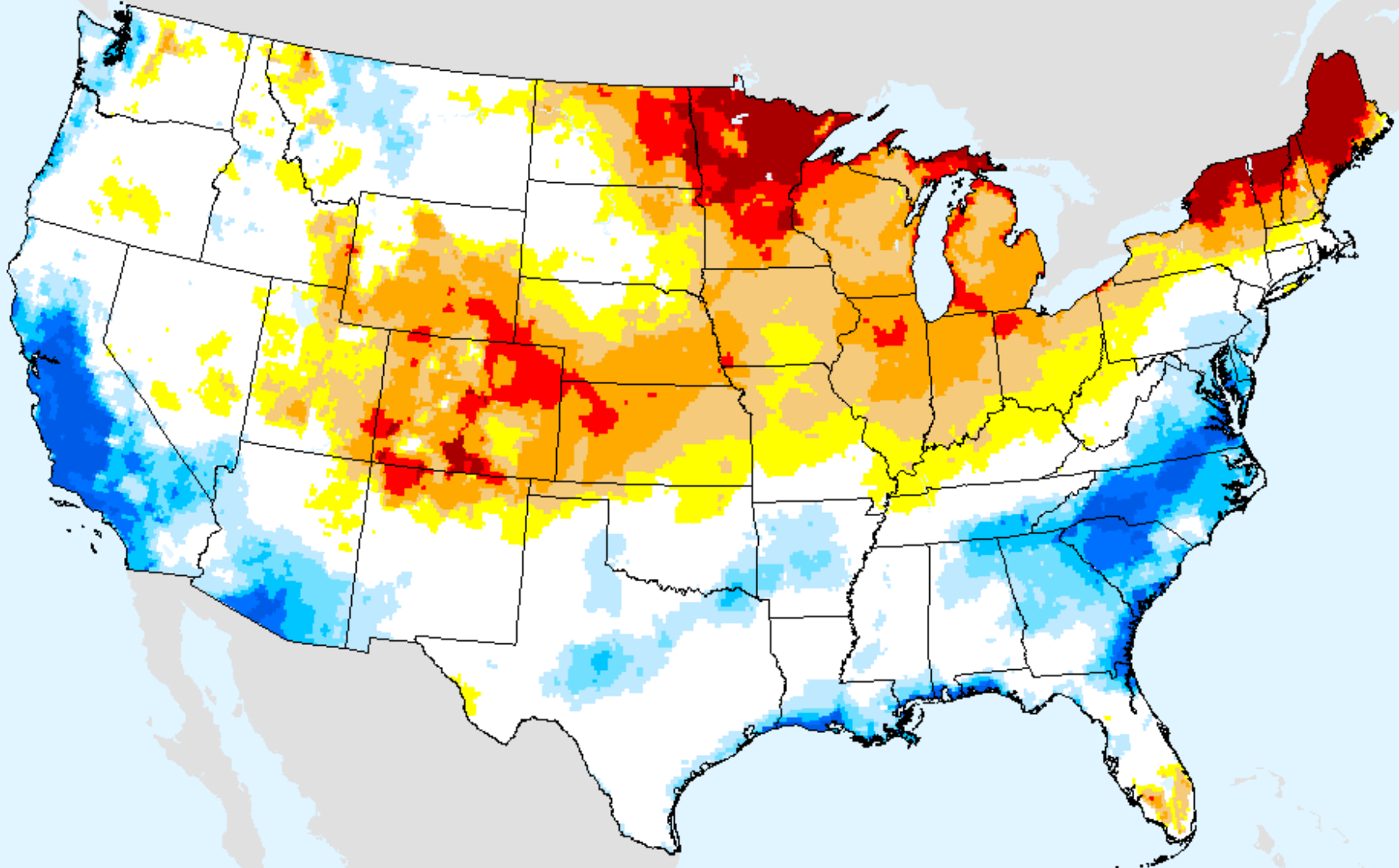
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

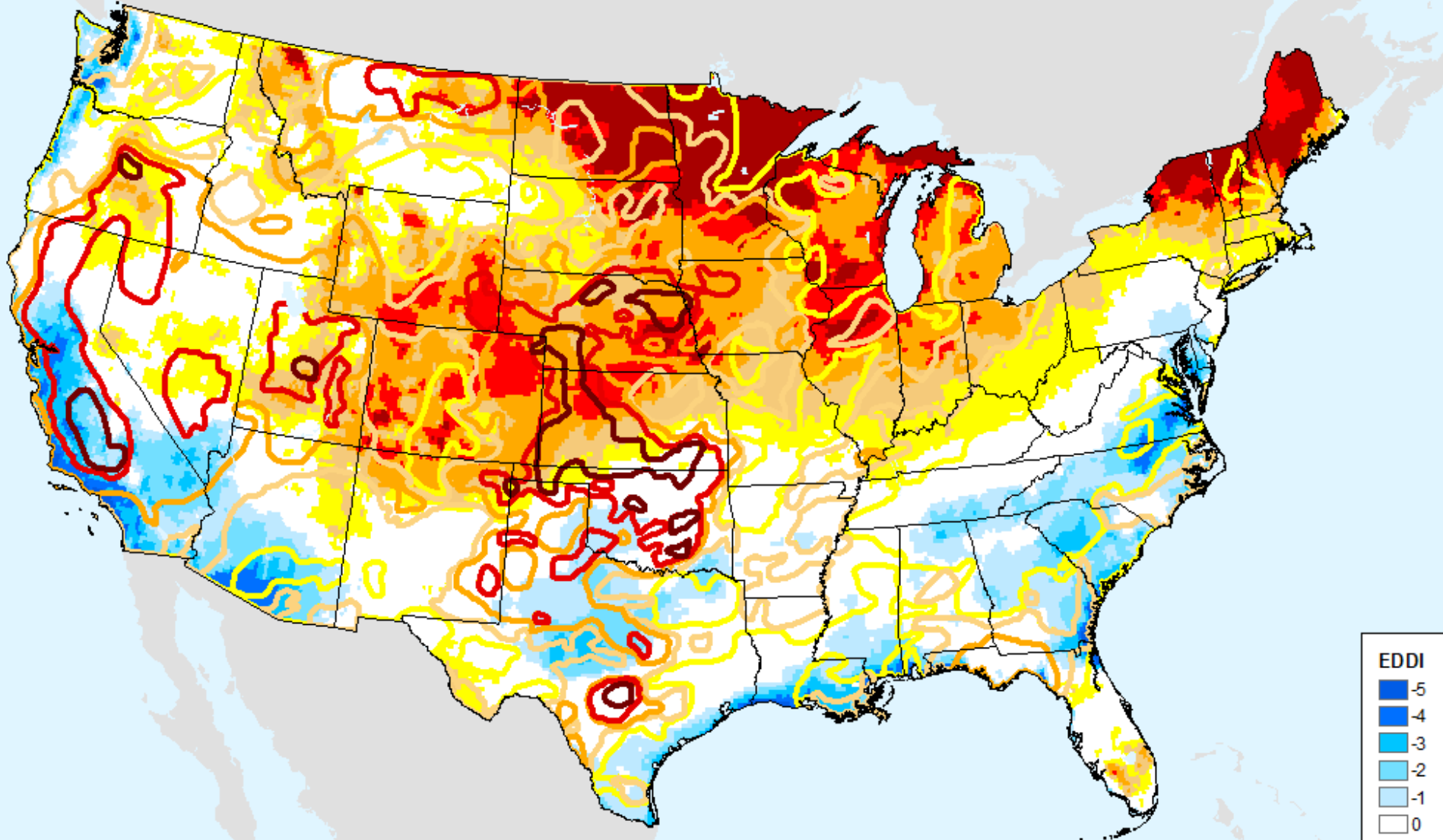
EDDI 3-week

As of: Wednesday, December 28, 2022



EDDI 4-week

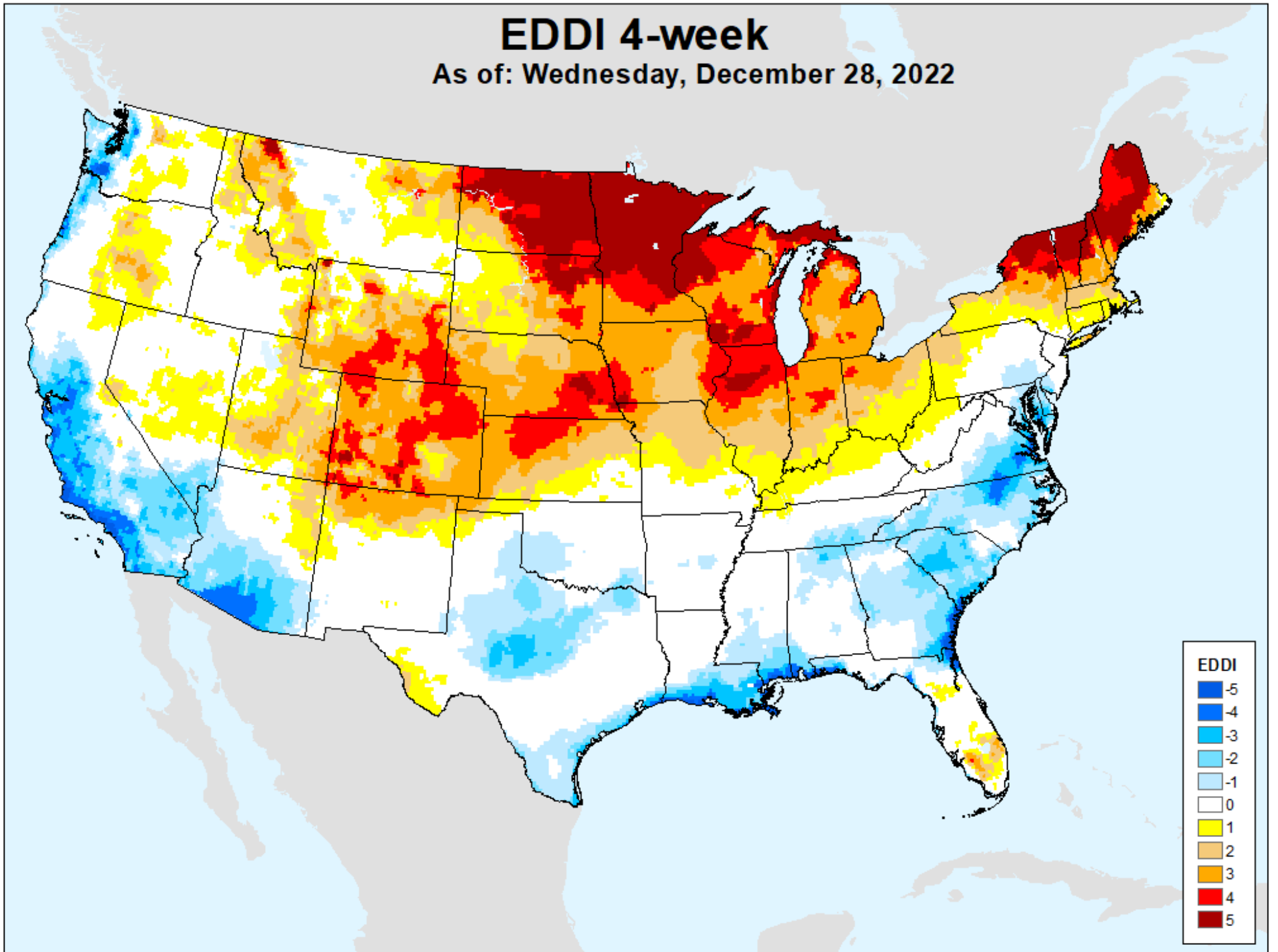
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

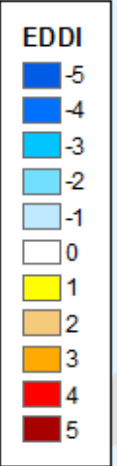
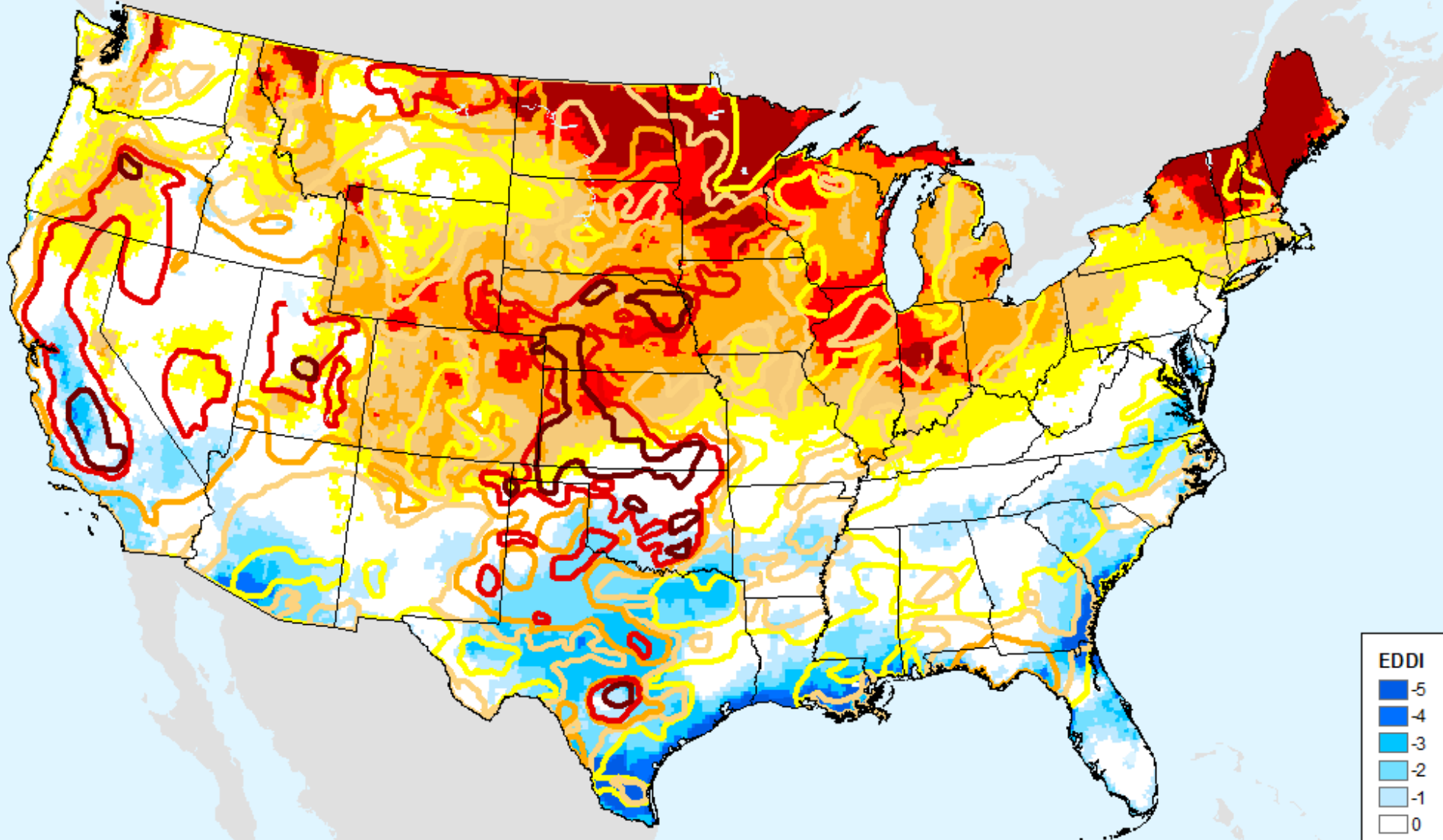
EDDI 4-week

As of: Wednesday, December 28, 2022



EDDI 5-week

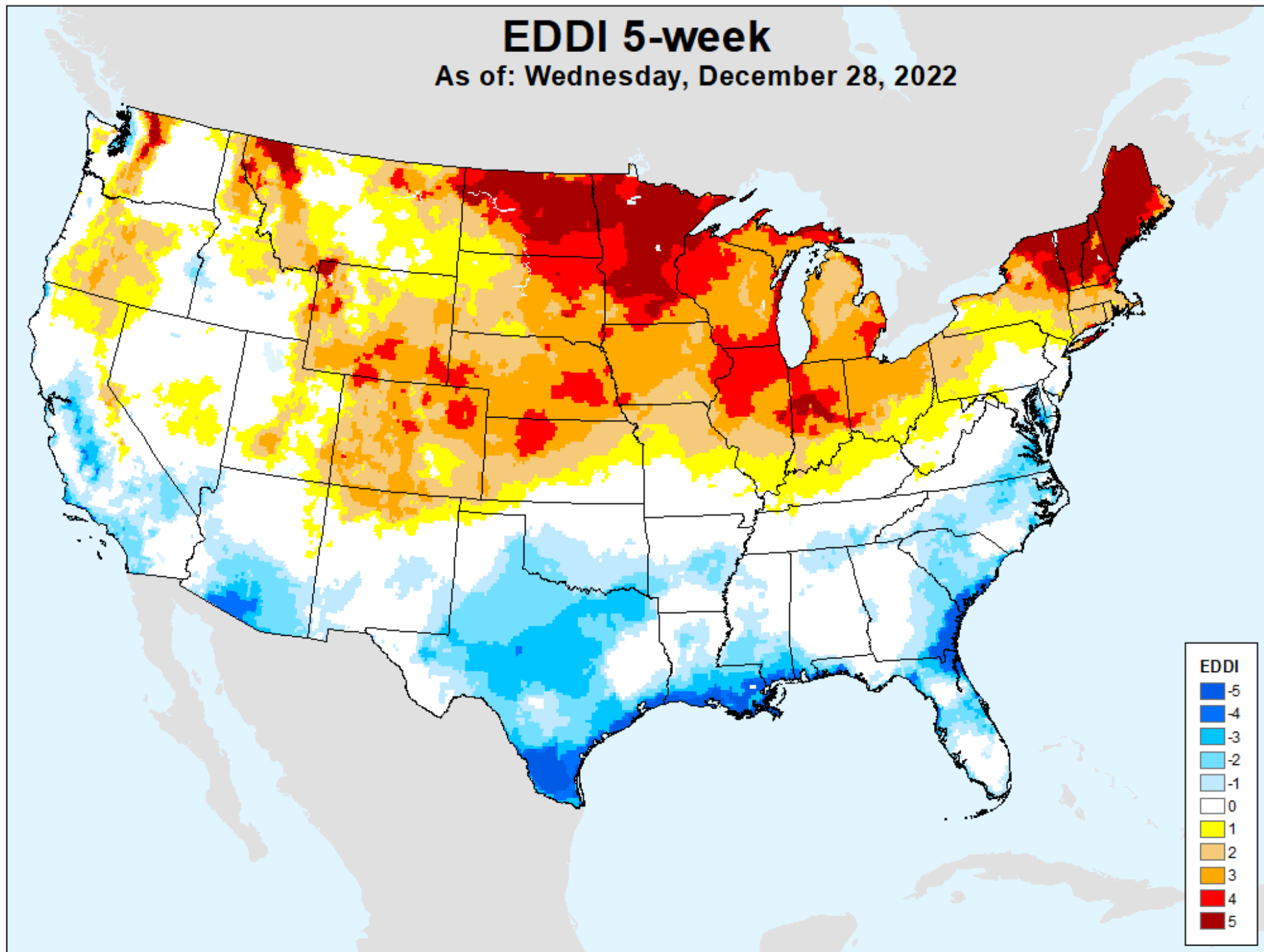
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

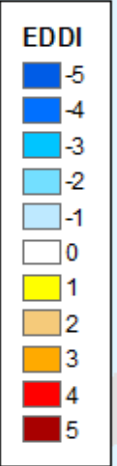
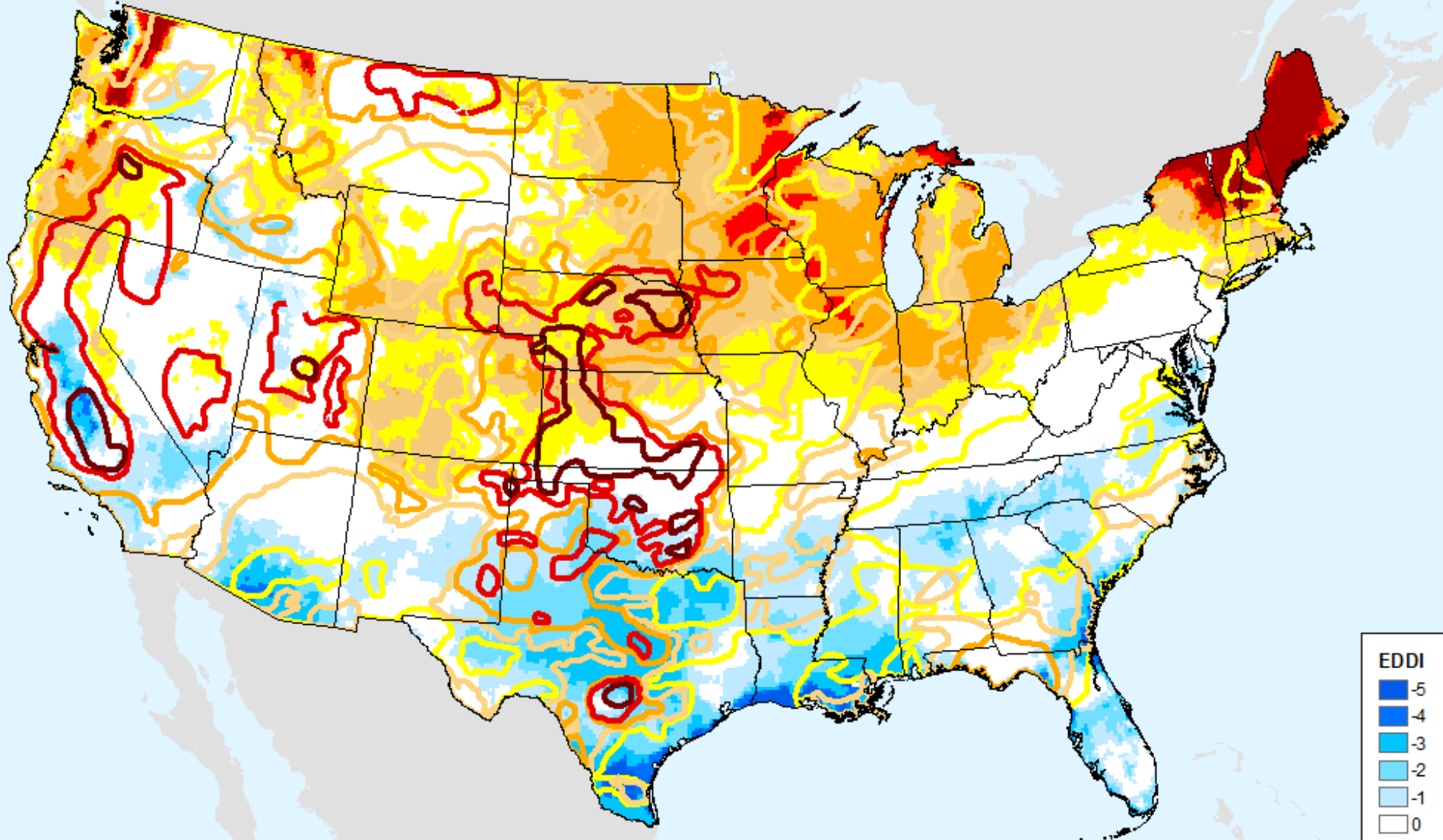
EDDI 5-week

As of: Wednesday, December 28, 2022



EDDI 6-week

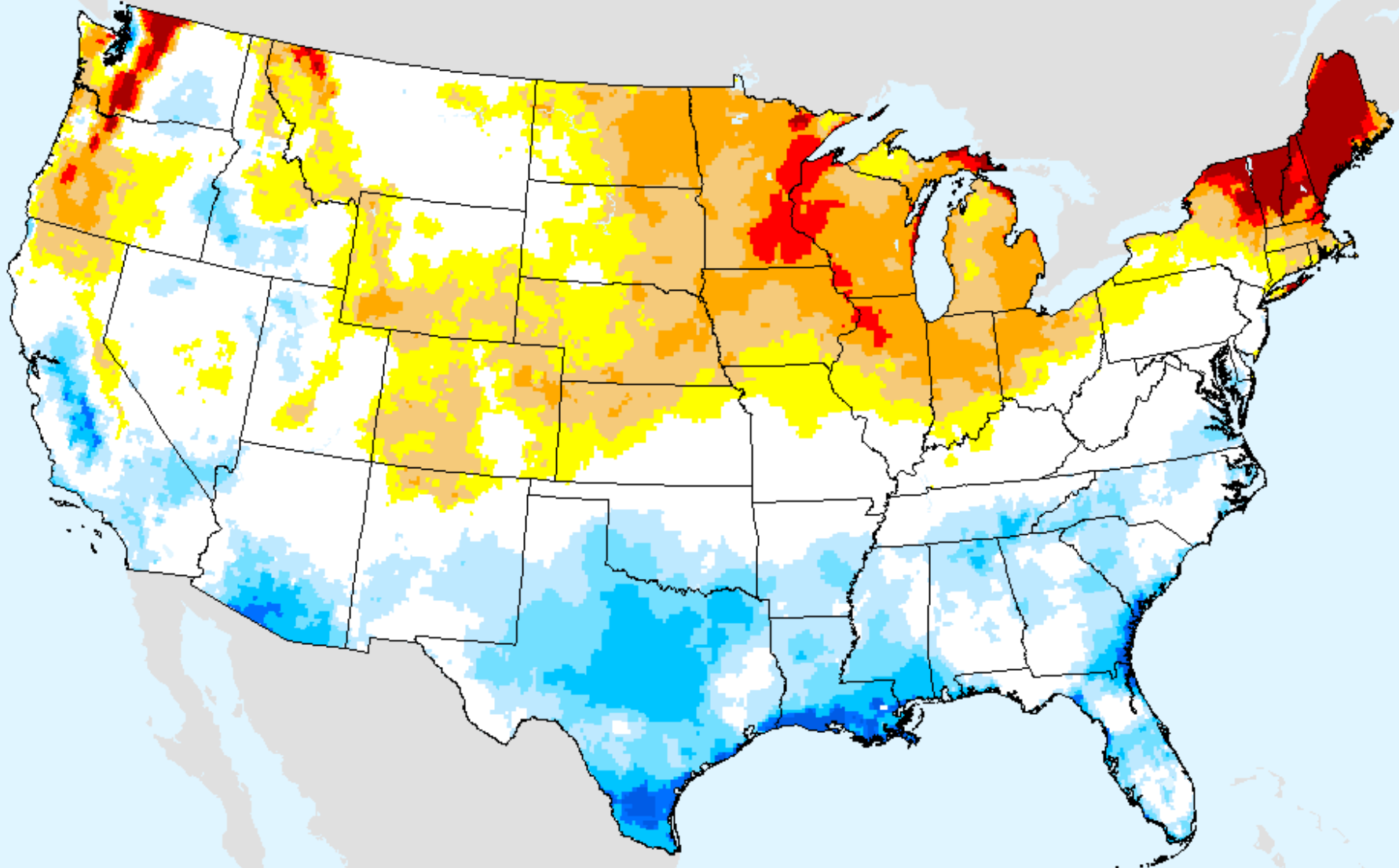
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

EDDI 6-week

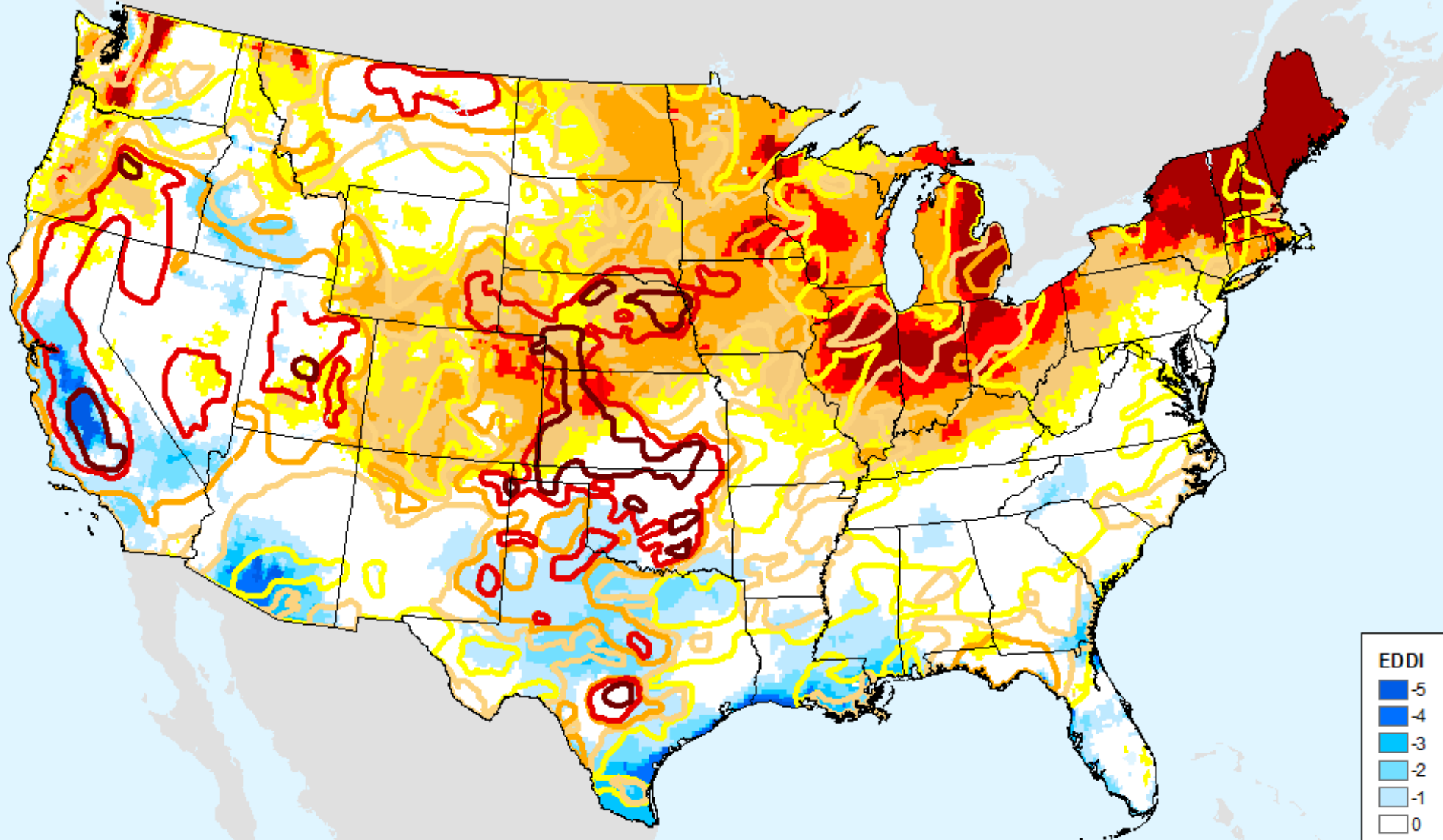
As of: Wednesday, December 28, 2022



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 7-week

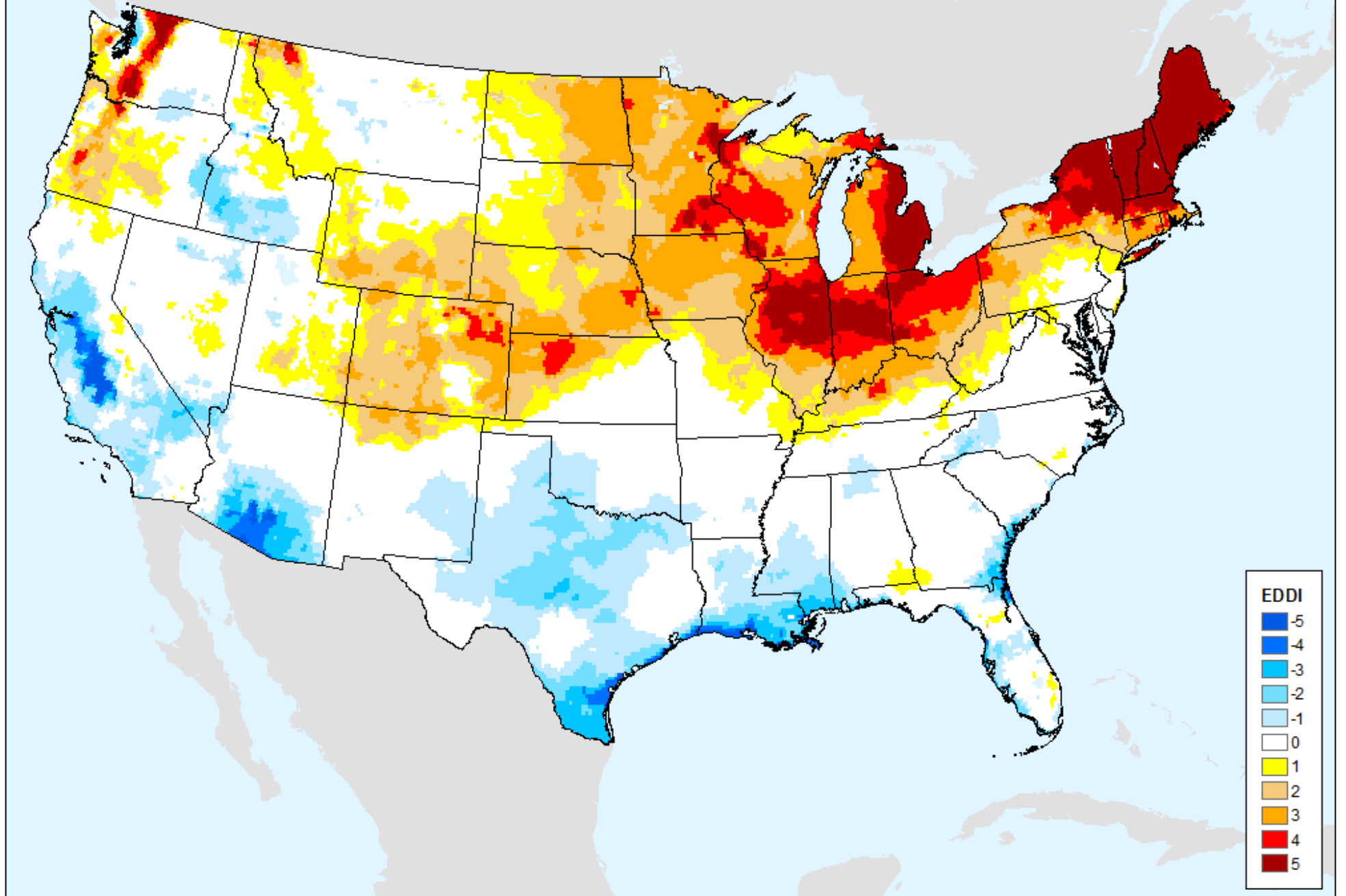
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

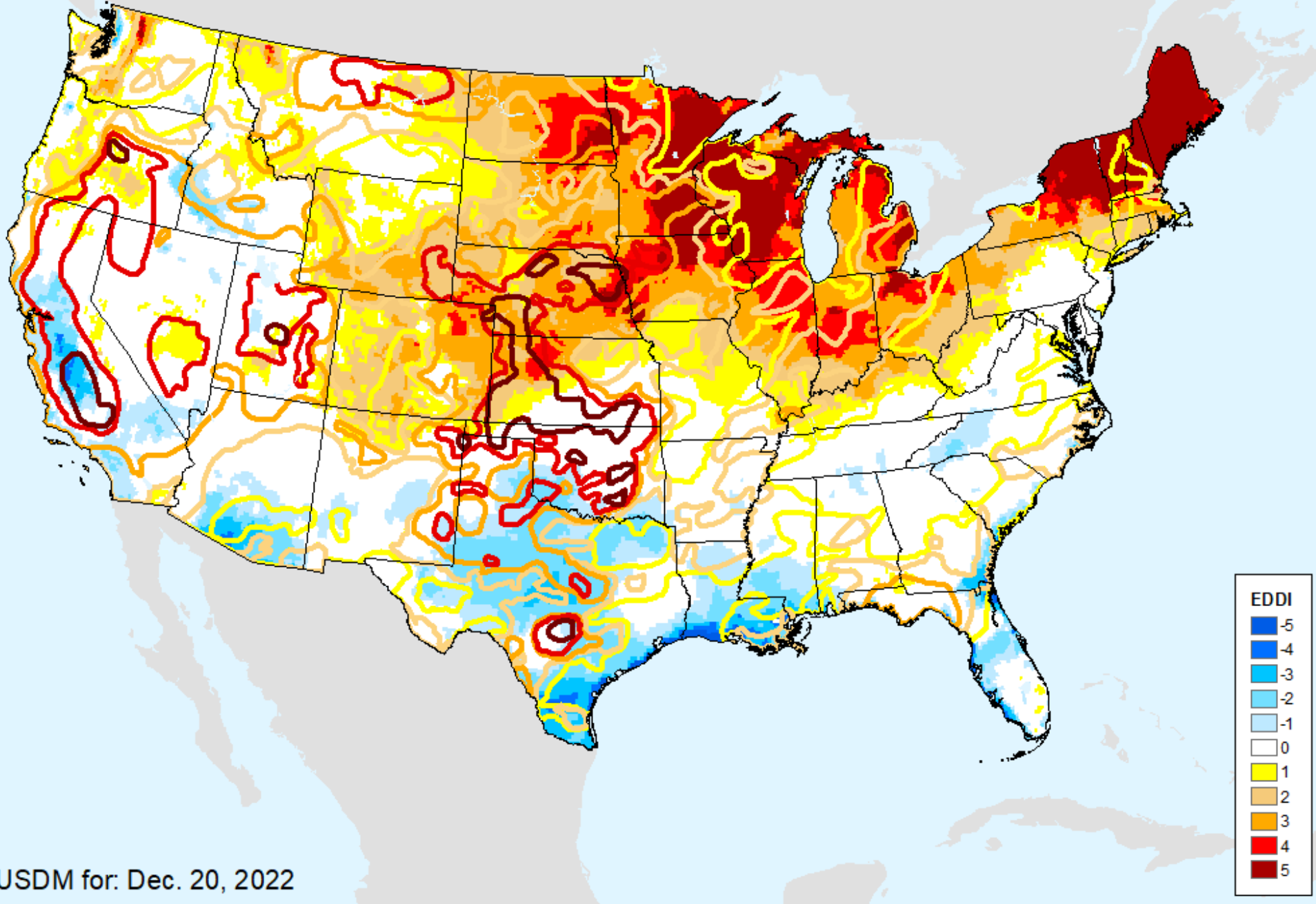
EDDI 7-week

As of: Wednesday, December 28, 2022



EDDI 8-week

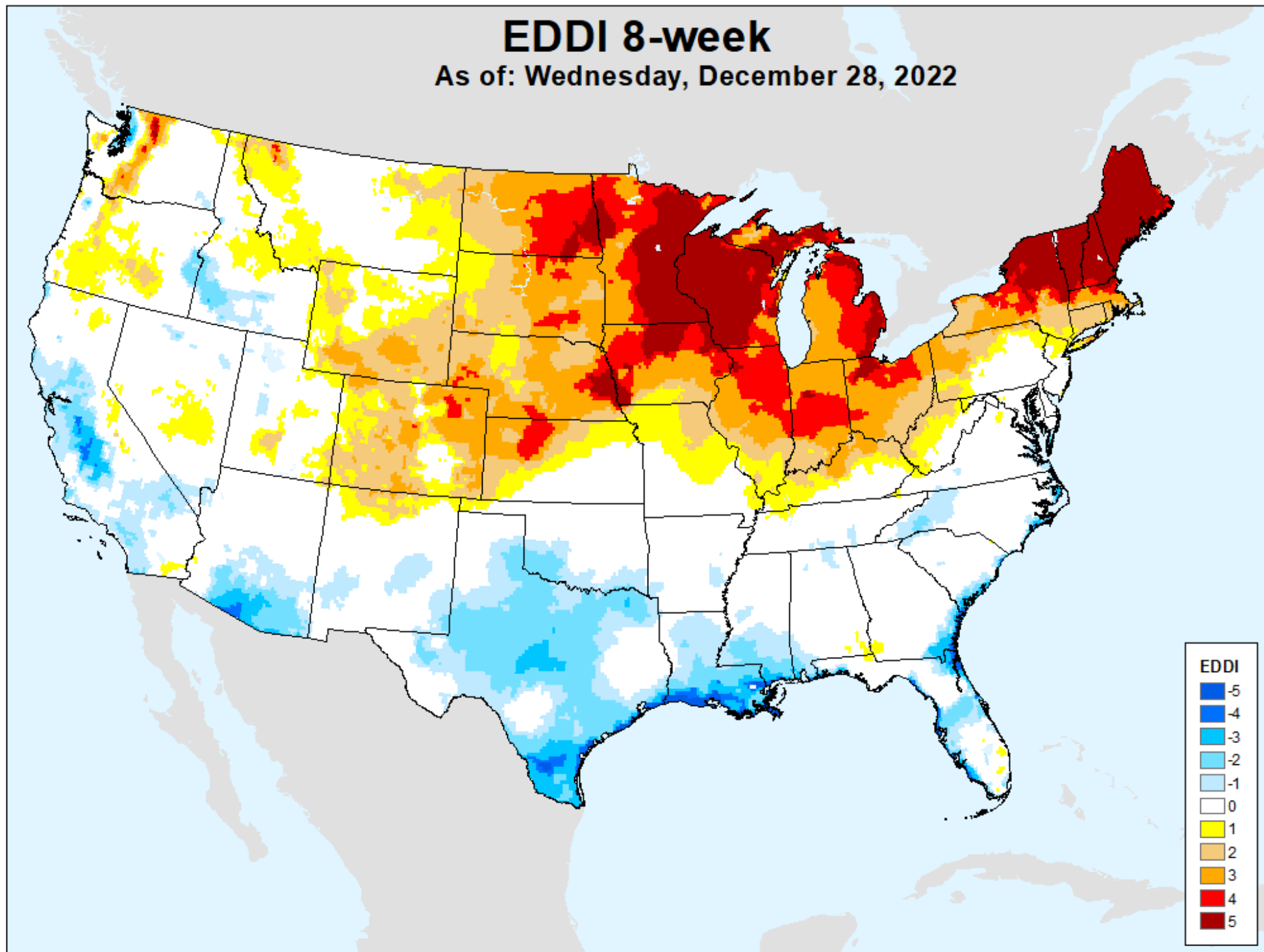
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

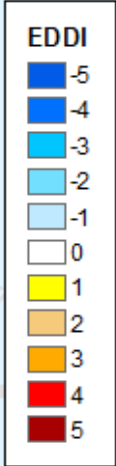
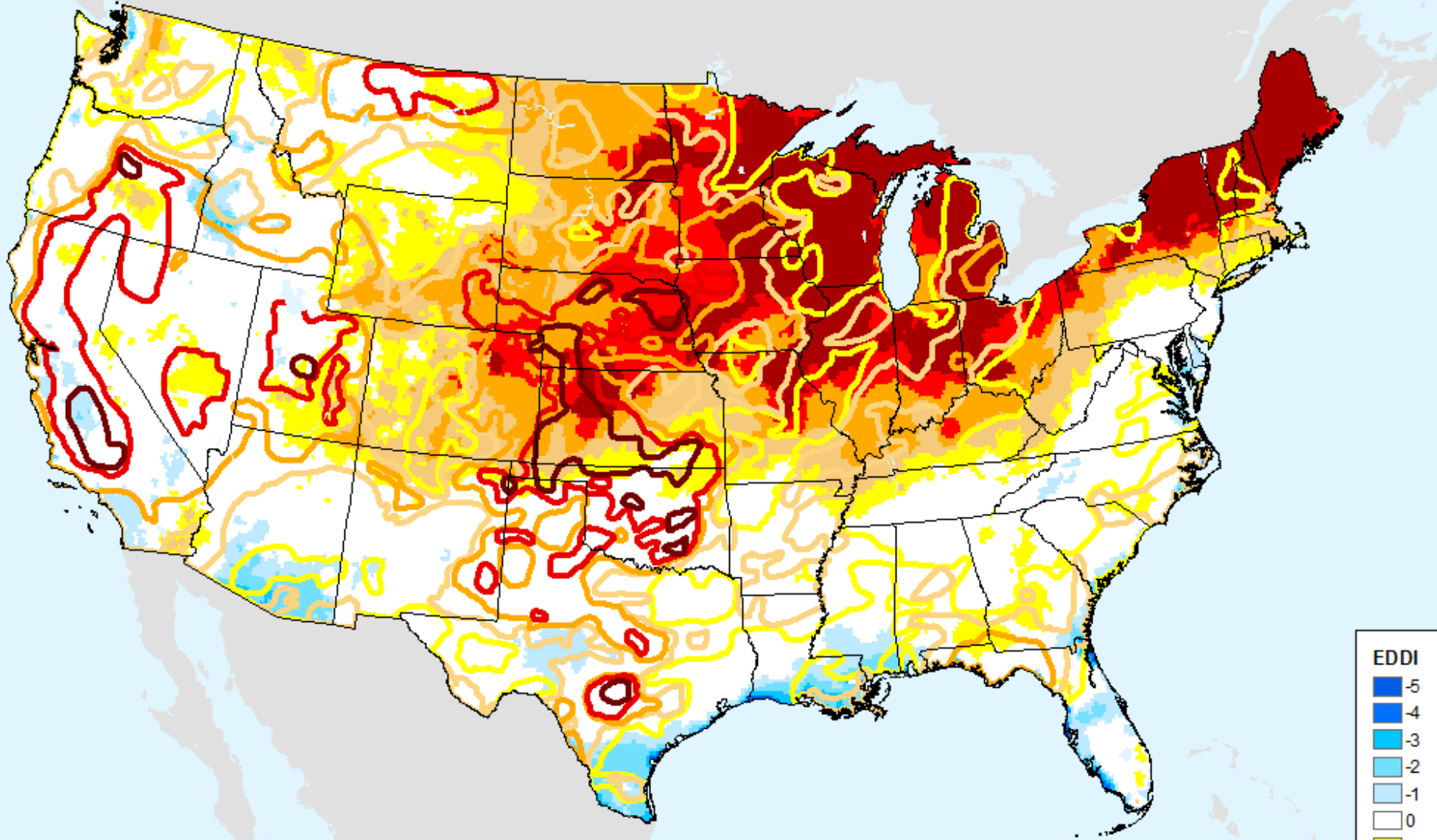
EDDI 8-week

As of: Wednesday, December 28, 2022



EDDI 9-week

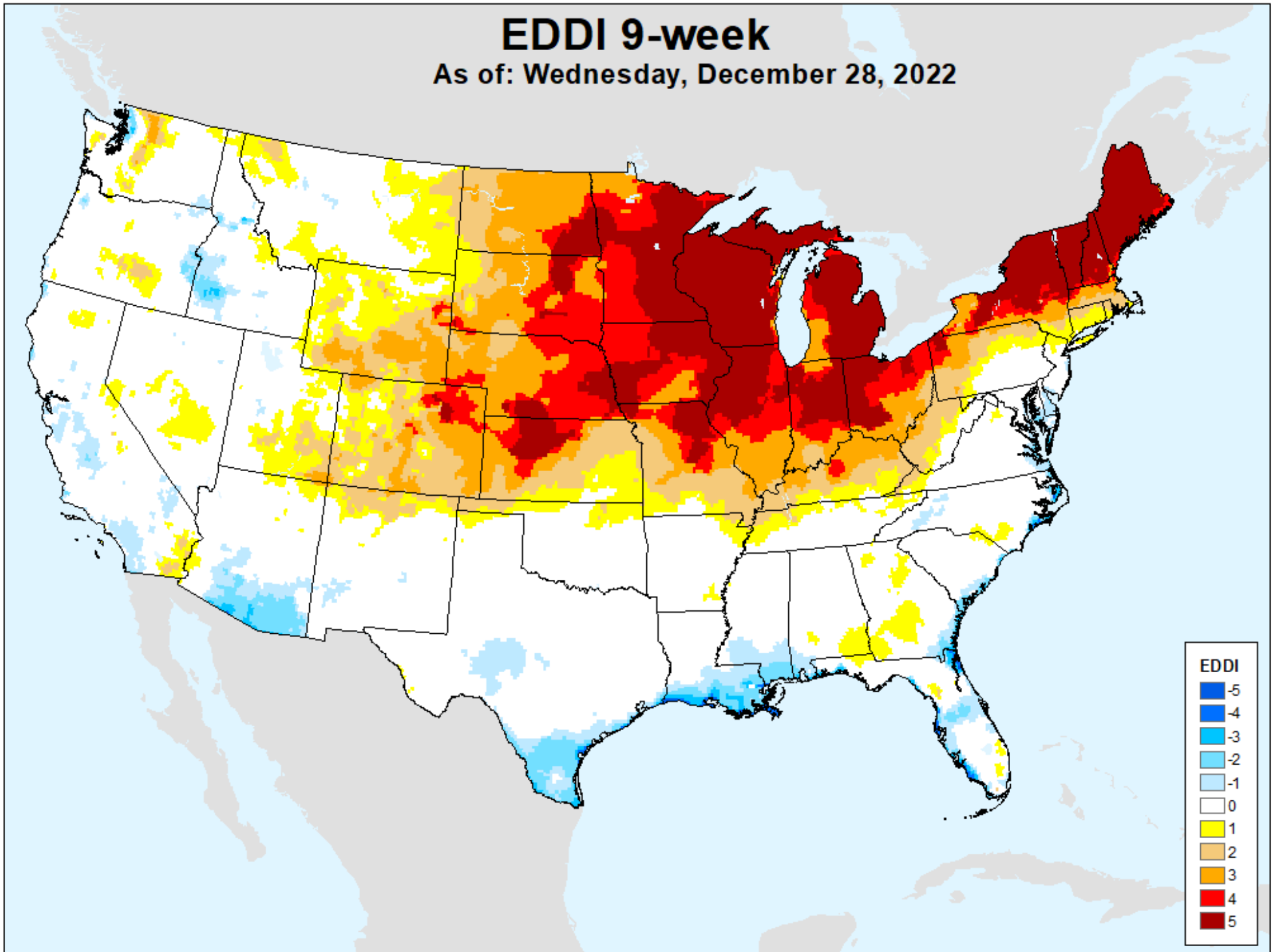
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

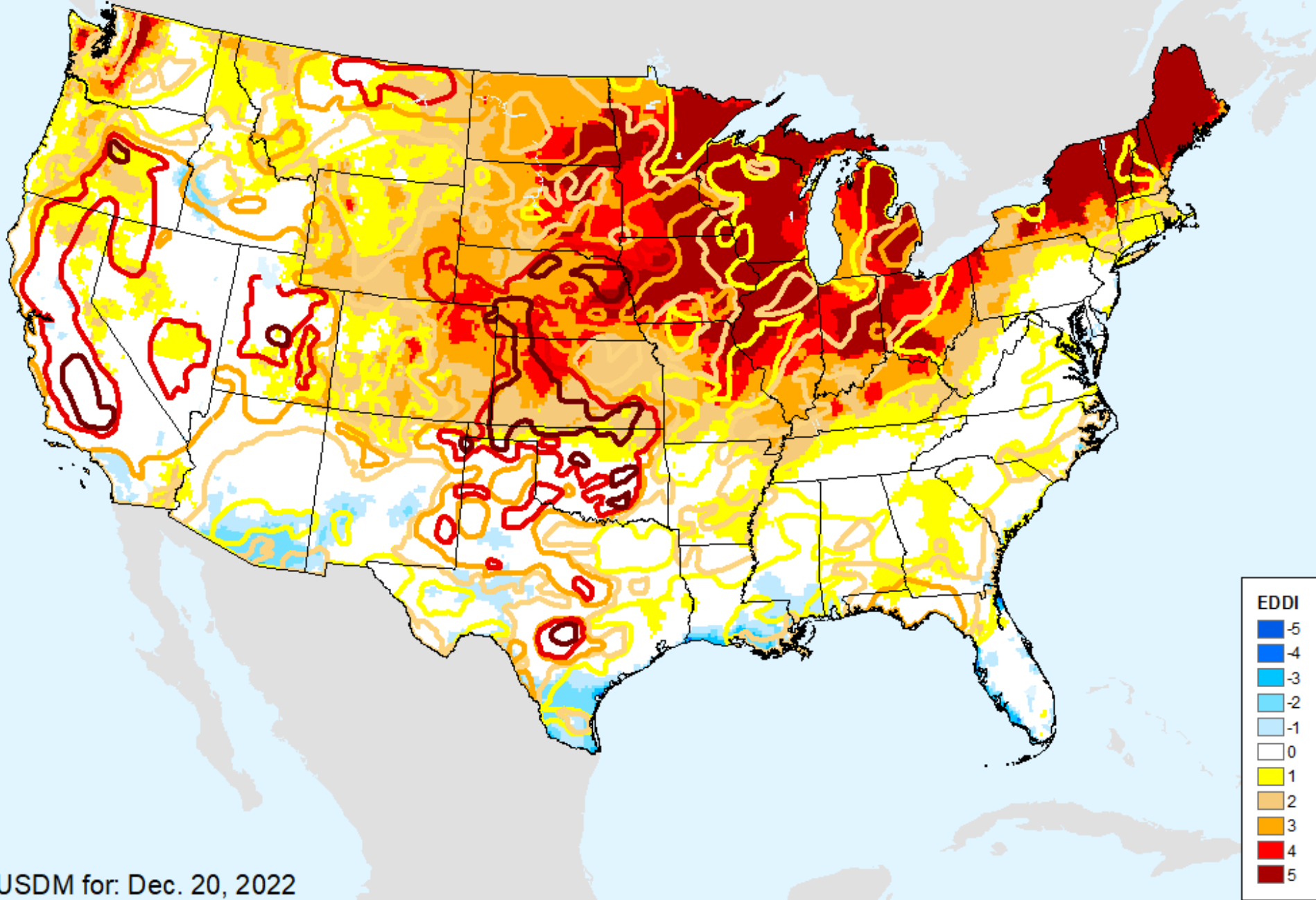
EDDI 9-week

As of: Wednesday, December 28, 2022



EDDI 10-week

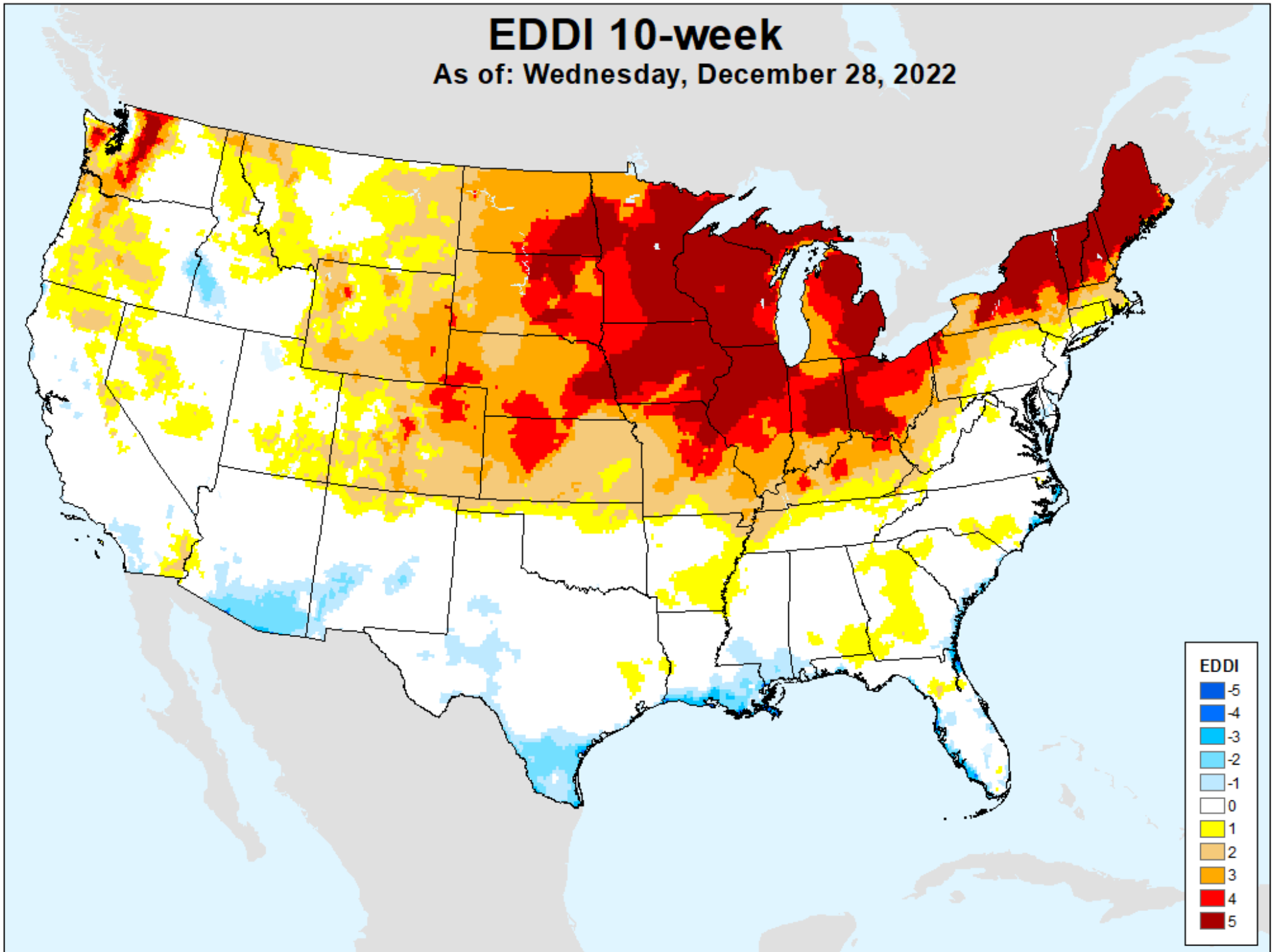
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

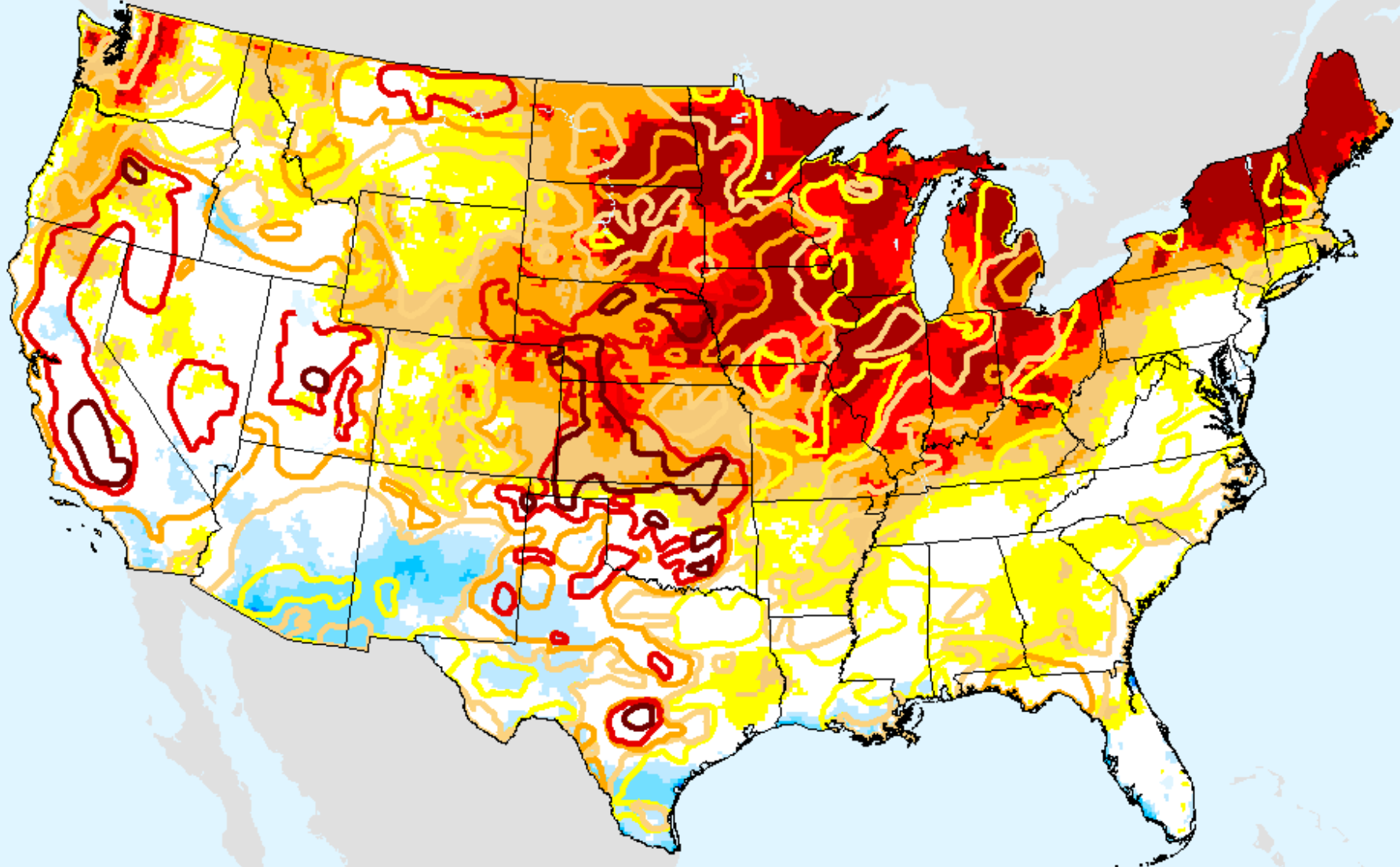
EDDI 10-week

As of: Wednesday, December 28, 2022



EDDI 11-week

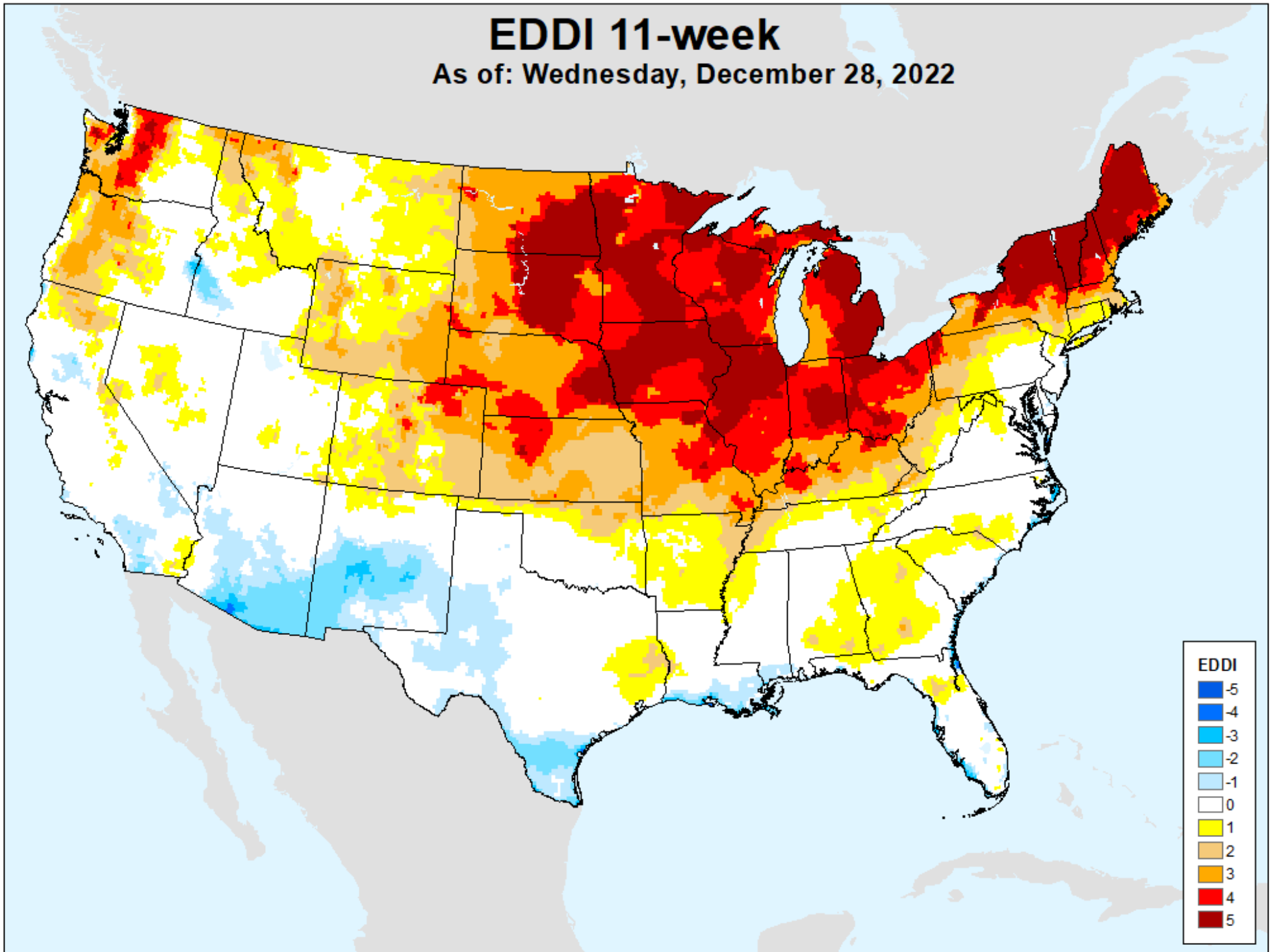
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

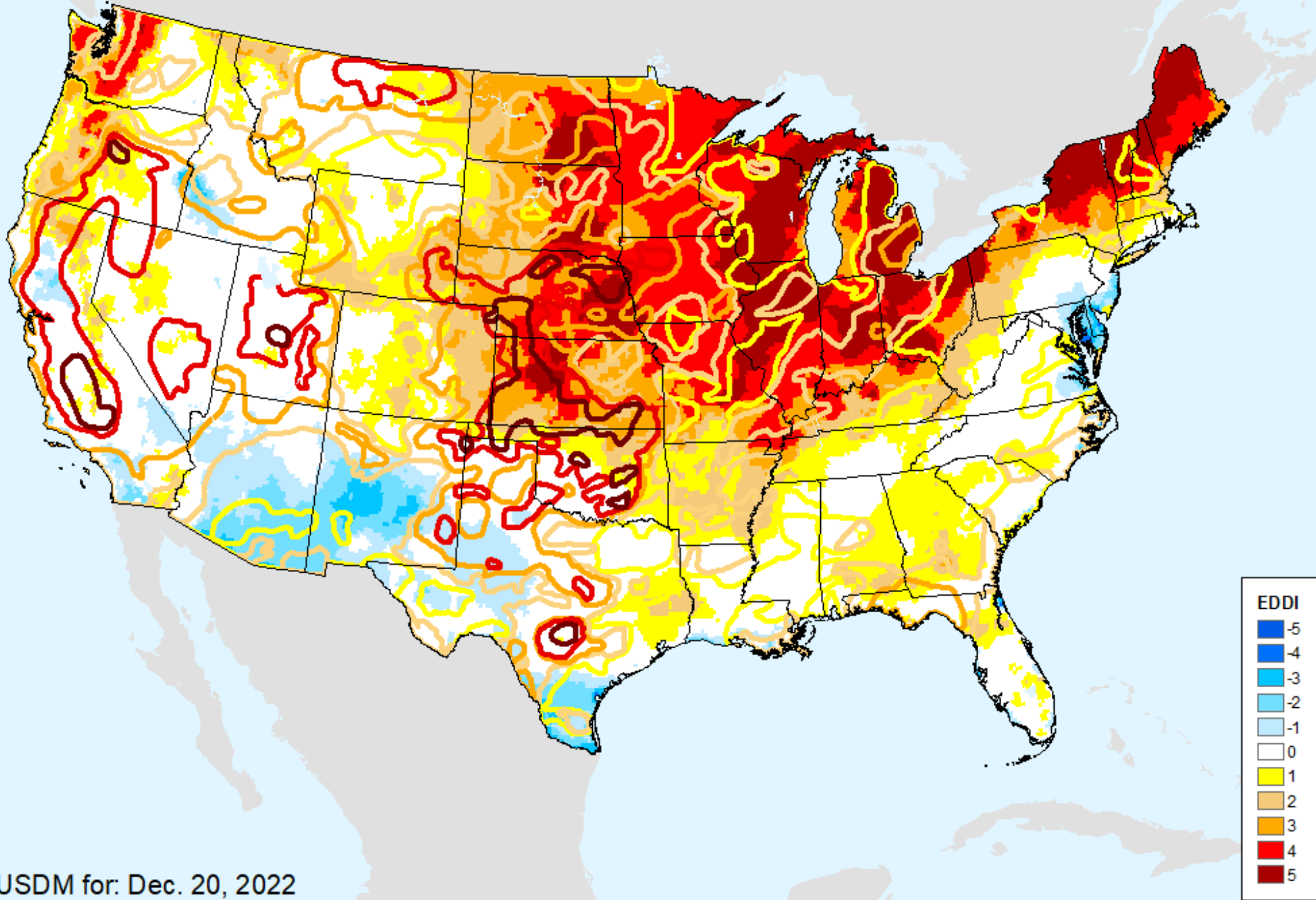
EDDI 11-week

As of: Wednesday, December 28, 2022



EDDI 12-week

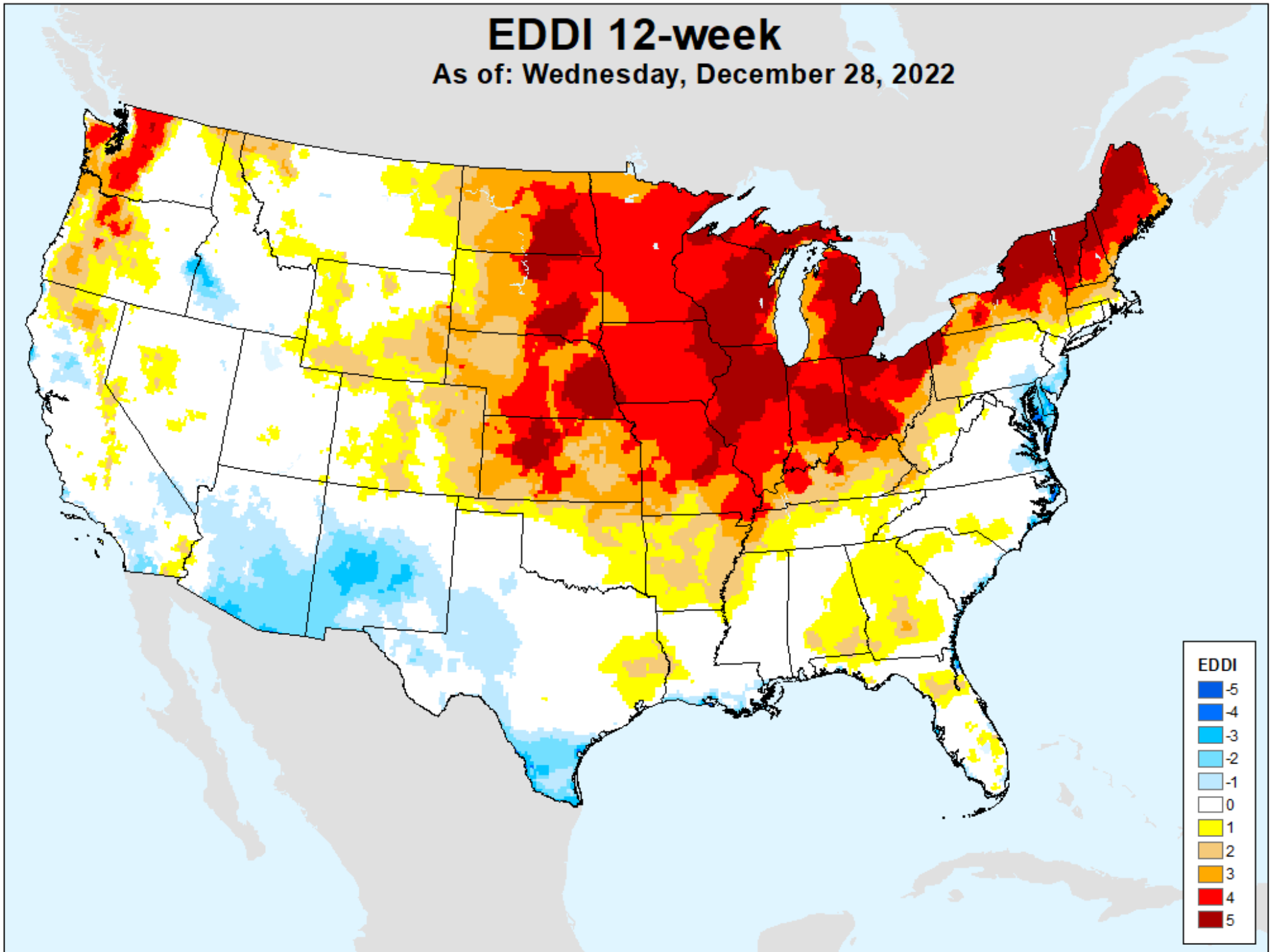
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

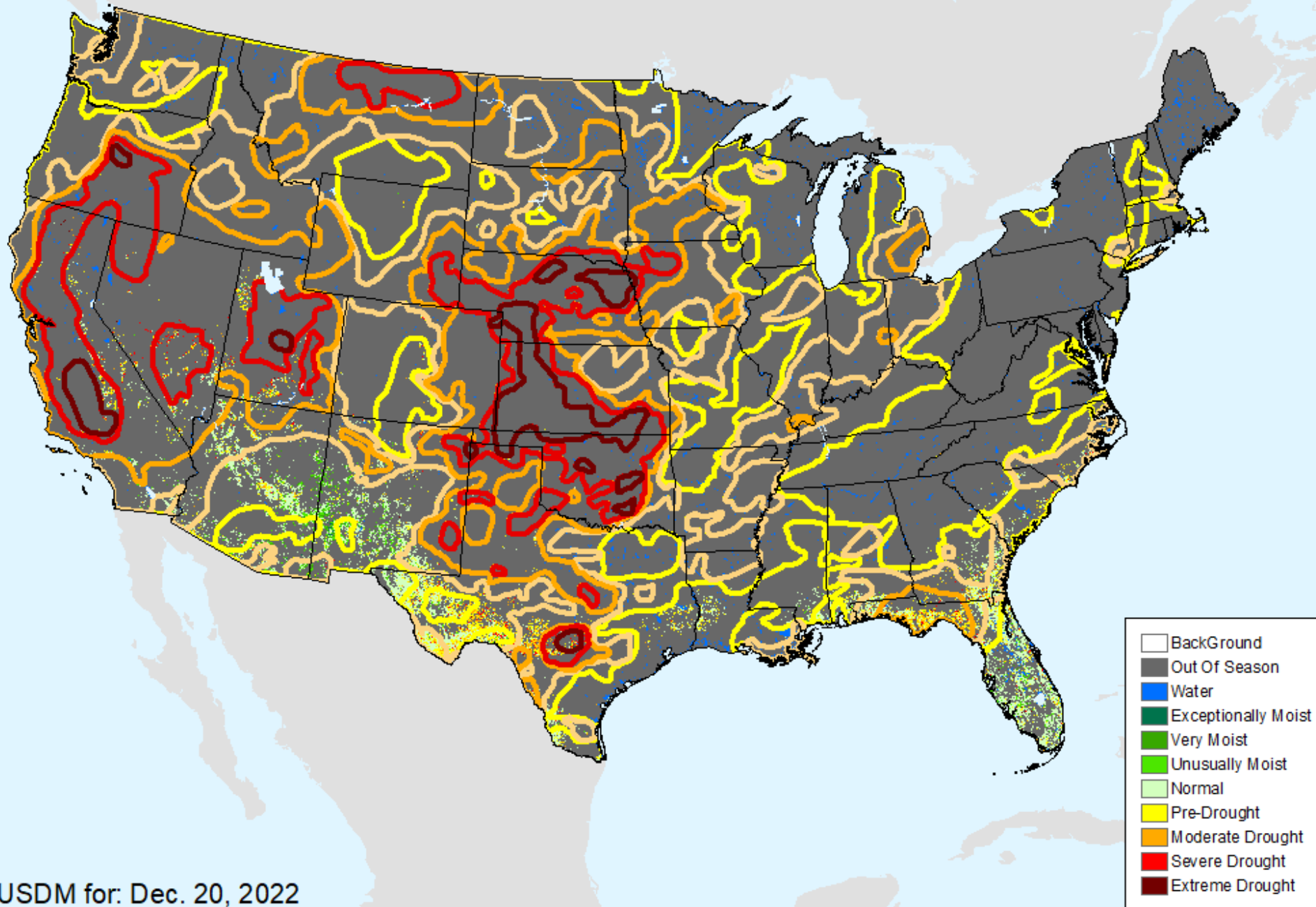
EDDI 12-week

As of: Wednesday, December 28, 2022



Vegetation Drought Response Index (VegDRI)

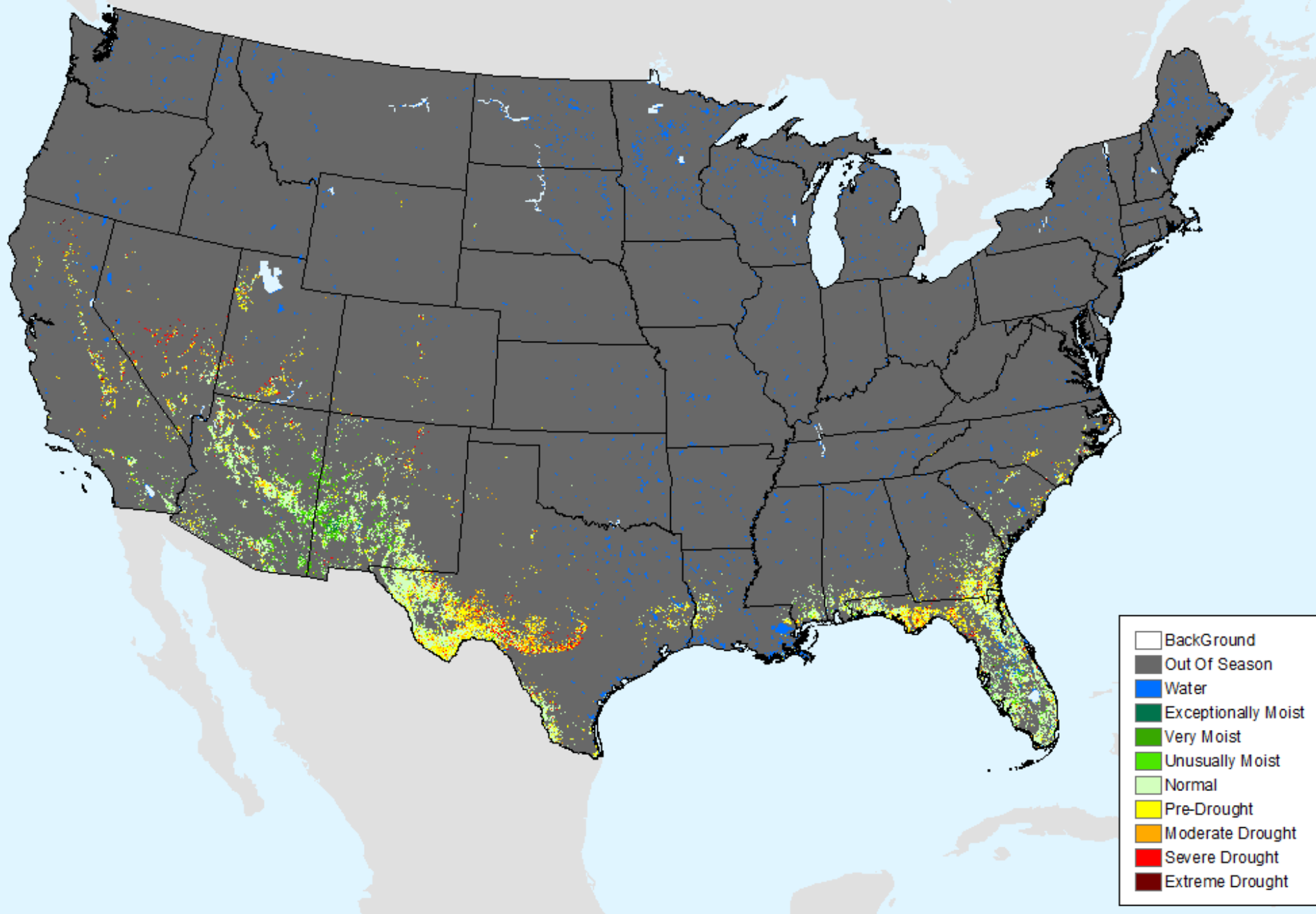
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

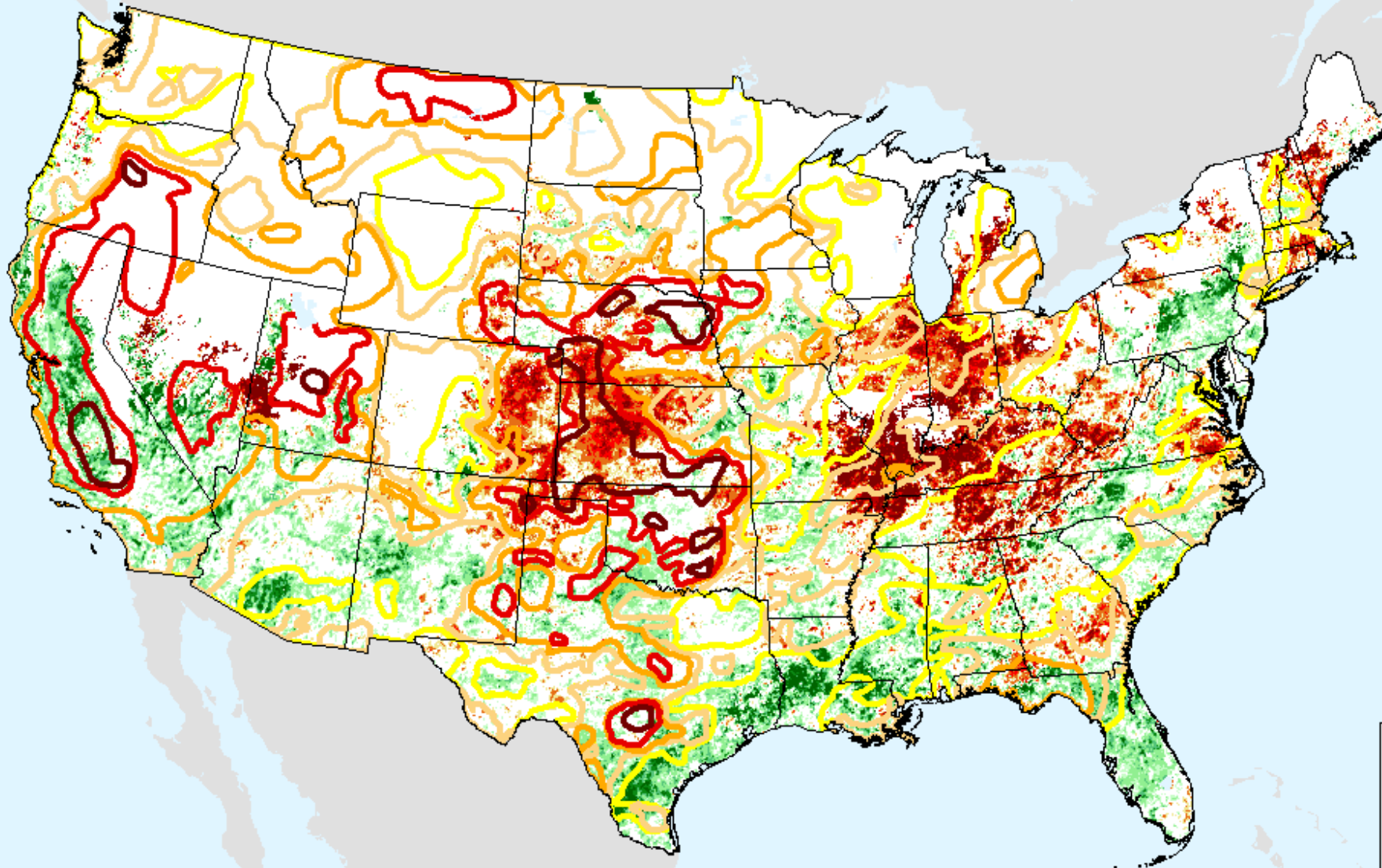
Vegetation Drought Response Index (VegDRI)

As of: Wednesday, December 28, 2022



Evaporative Stress Index (ESI) 4-week

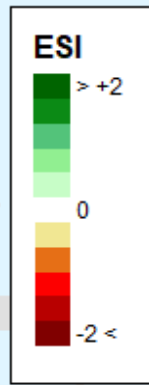
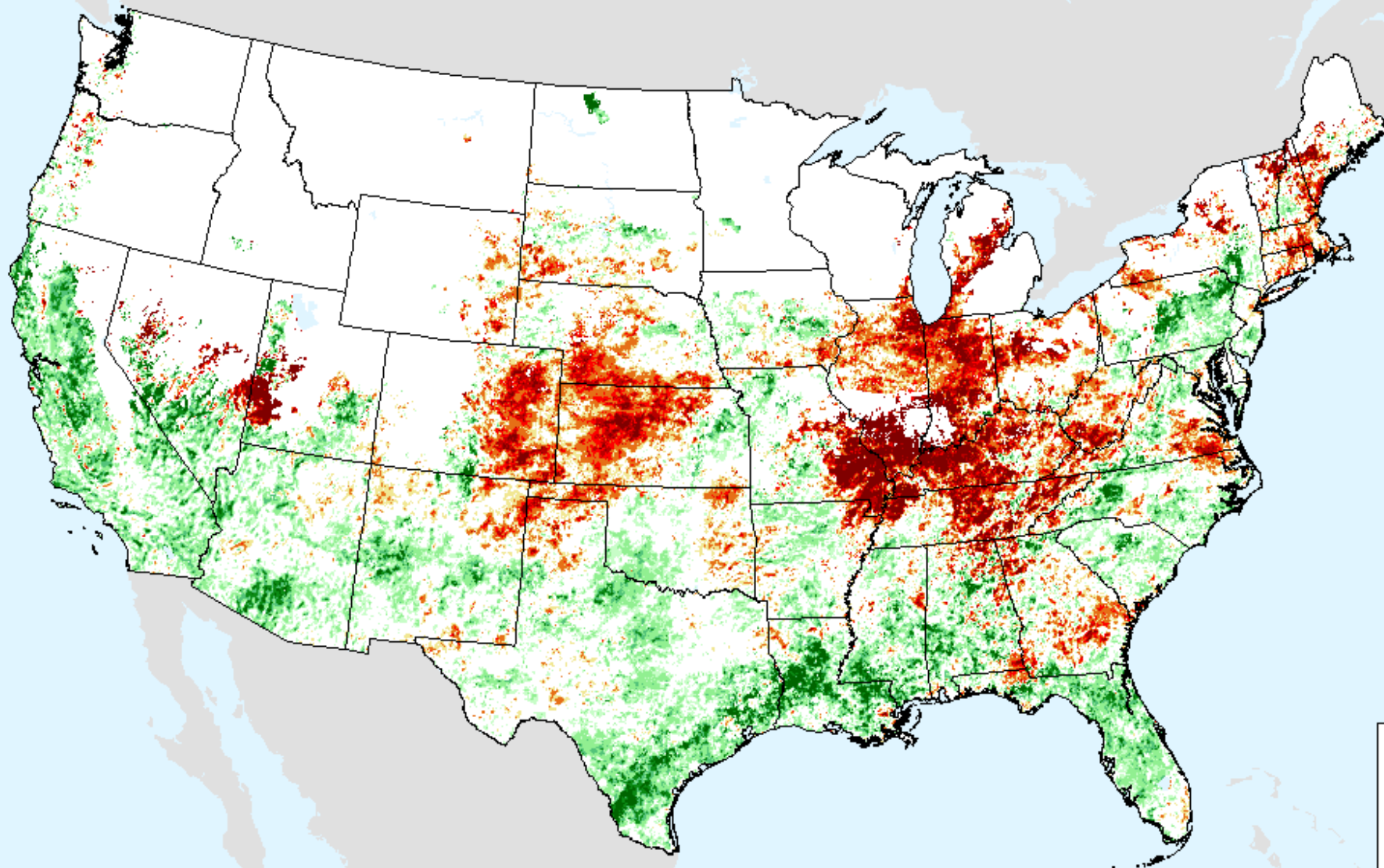
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

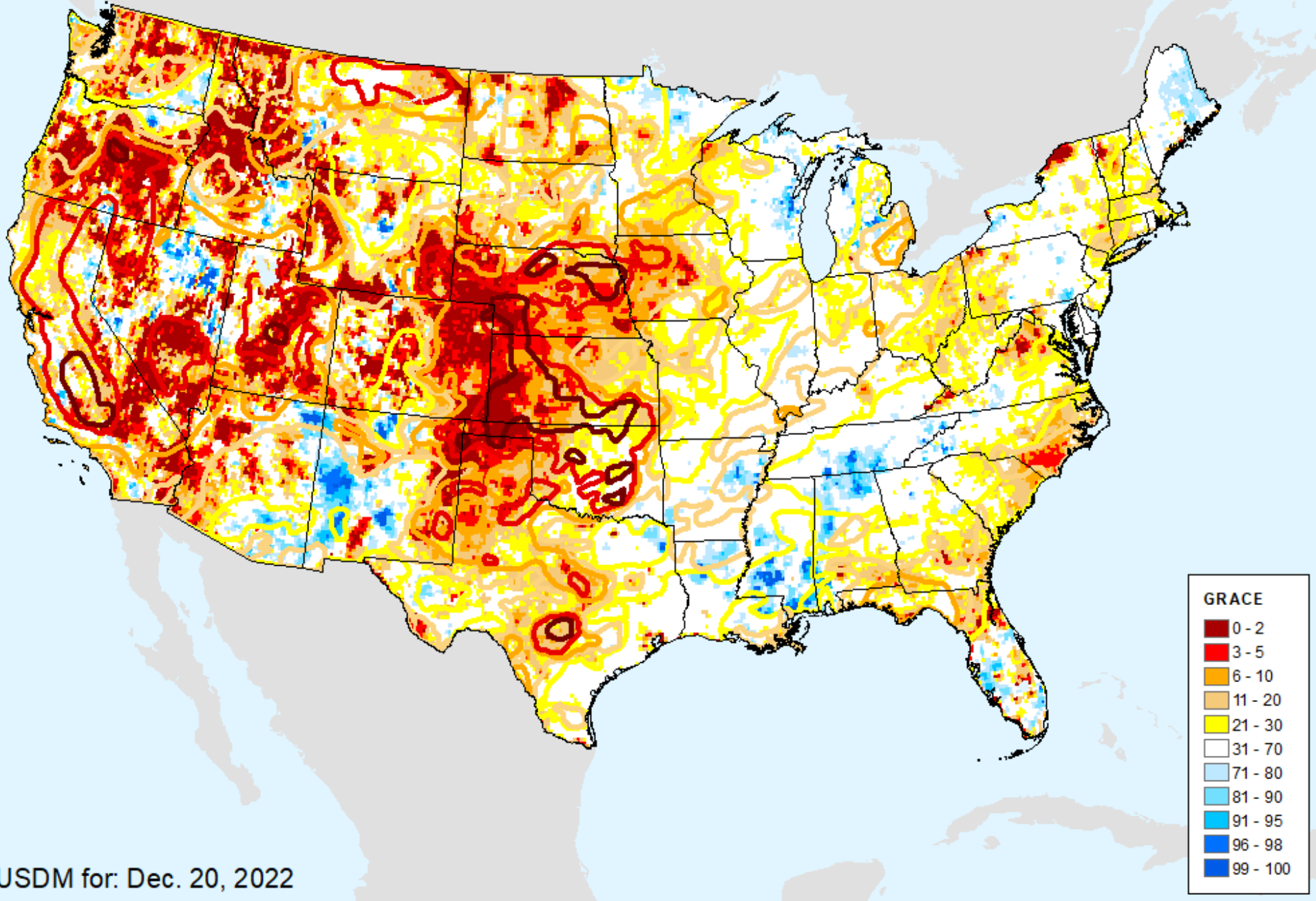
Evaporative Stress Index (ESI) 4-week

As of: Wednesday, December 28, 2022



GRACE-Based Shallow Groundwater Drought Indicator

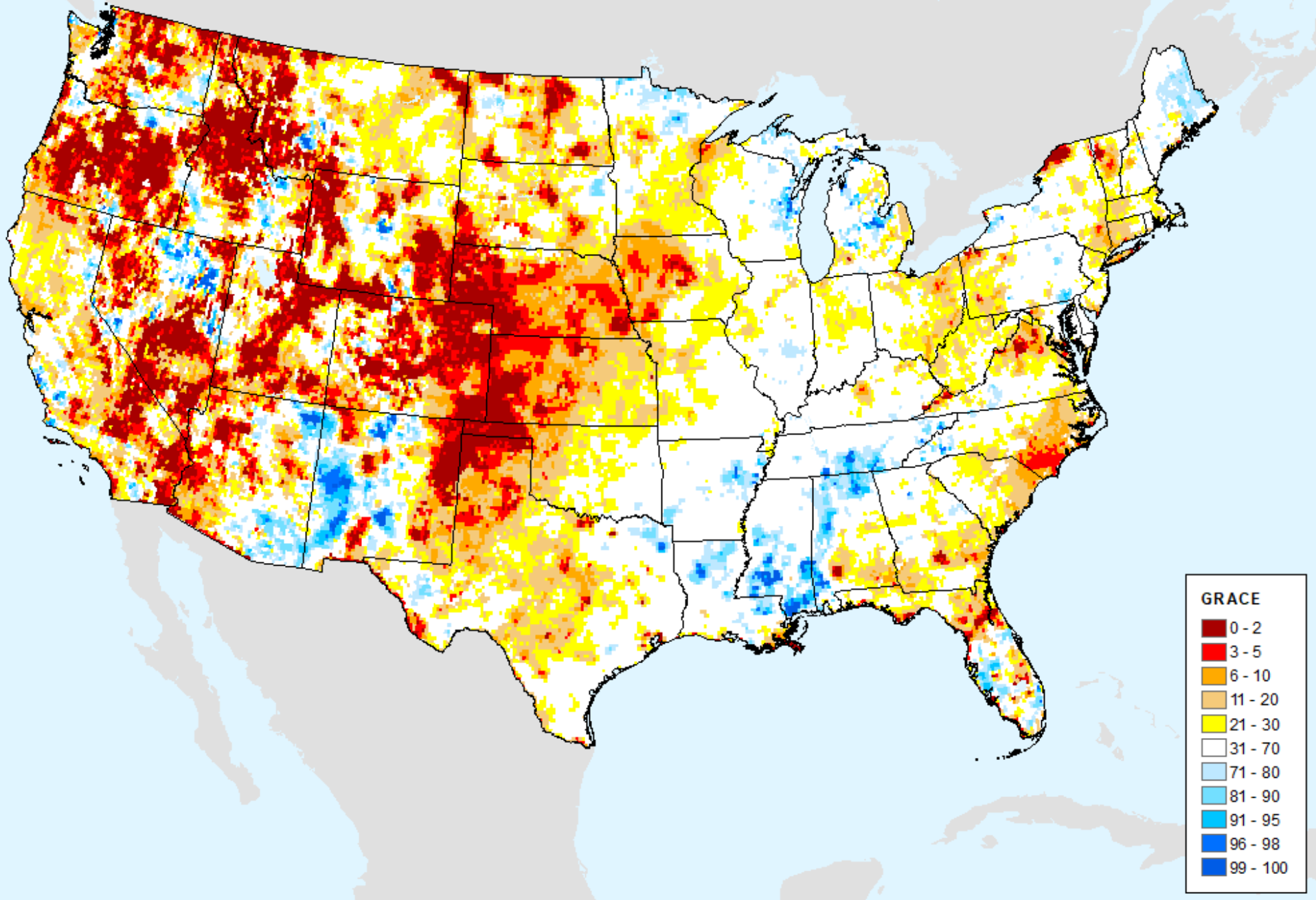
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

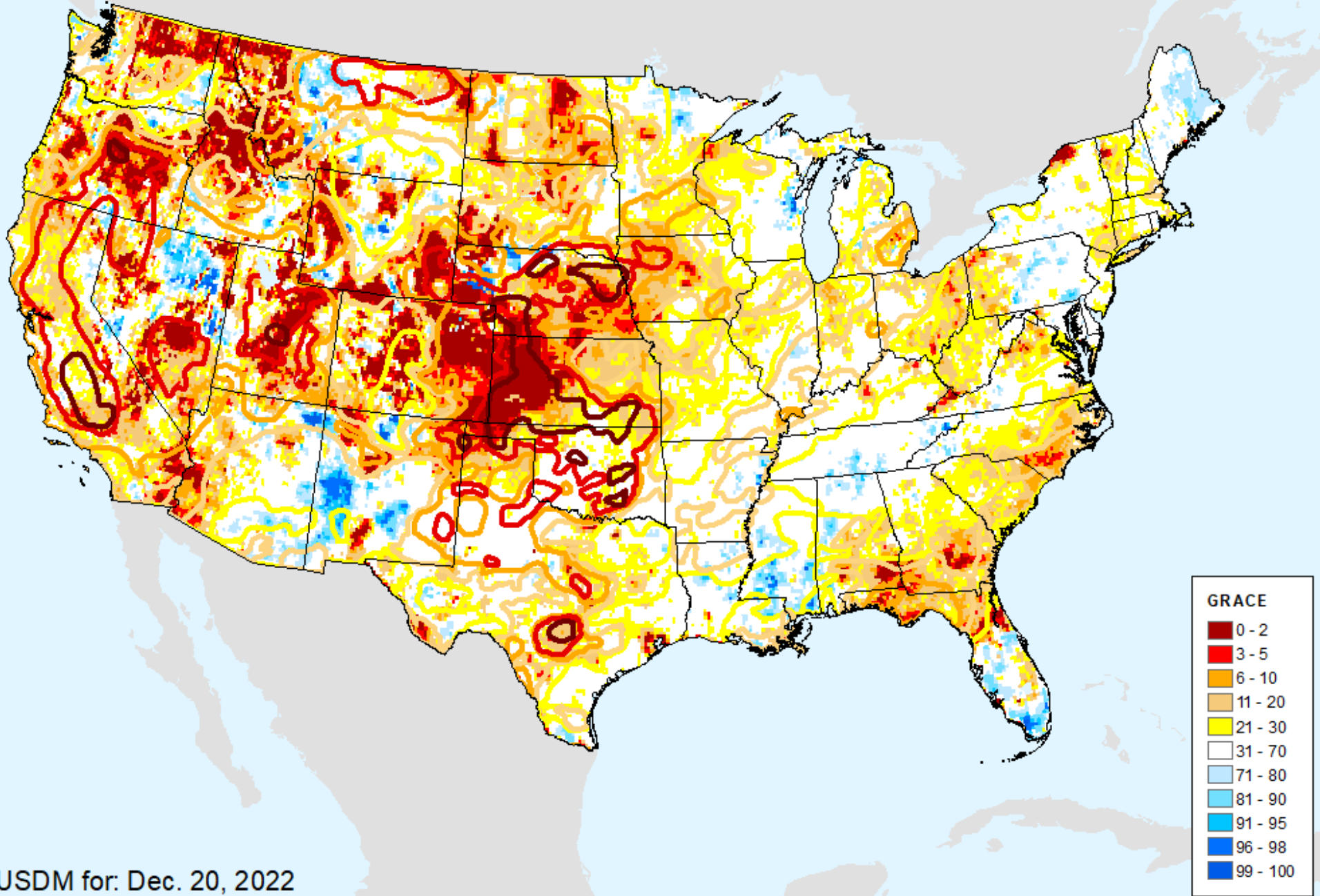
GRACE-Based Shallow Groundwater Drought Indicator

As of: Wednesday, December 28, 2022



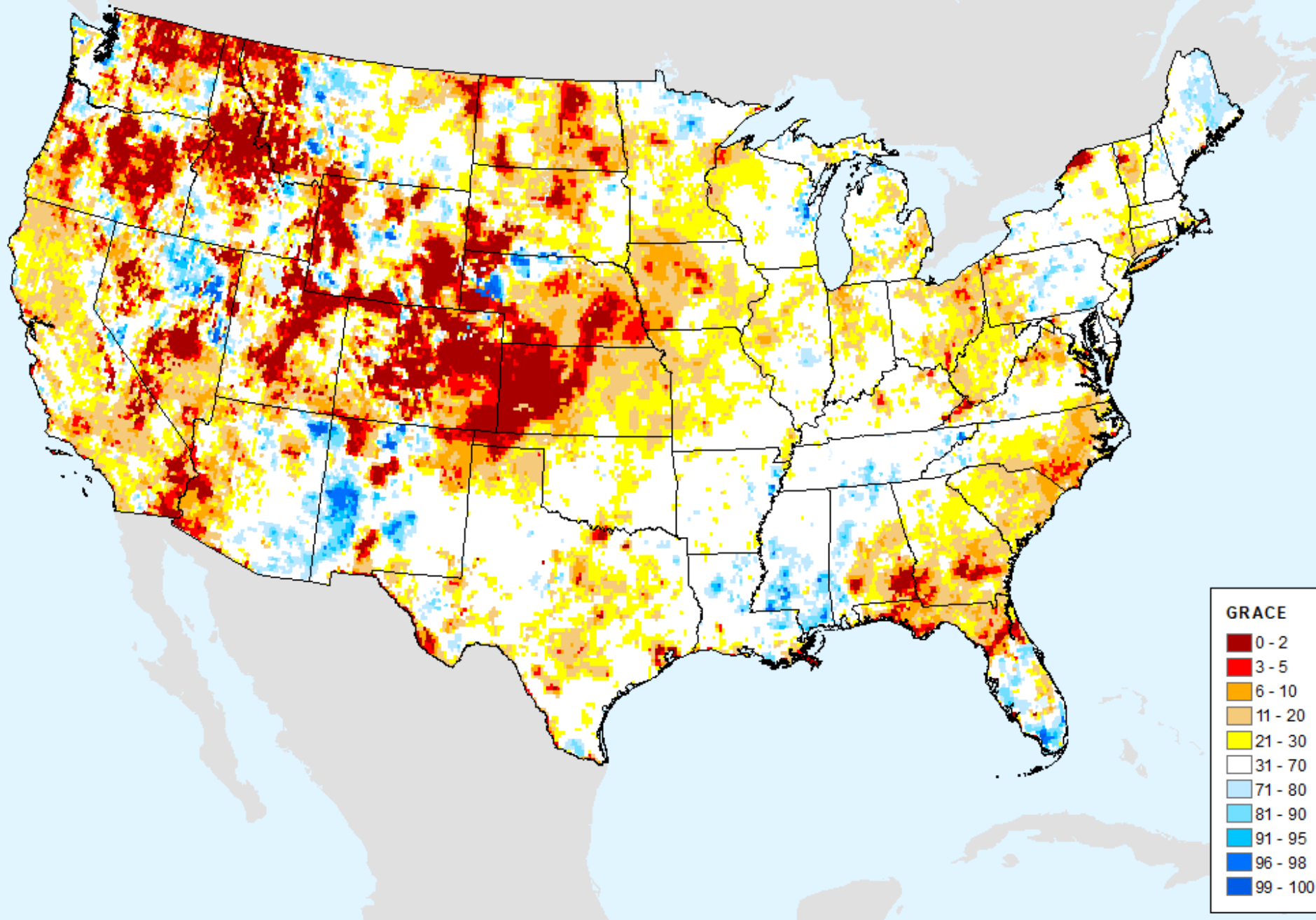
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Wednesday, December 28, 2022



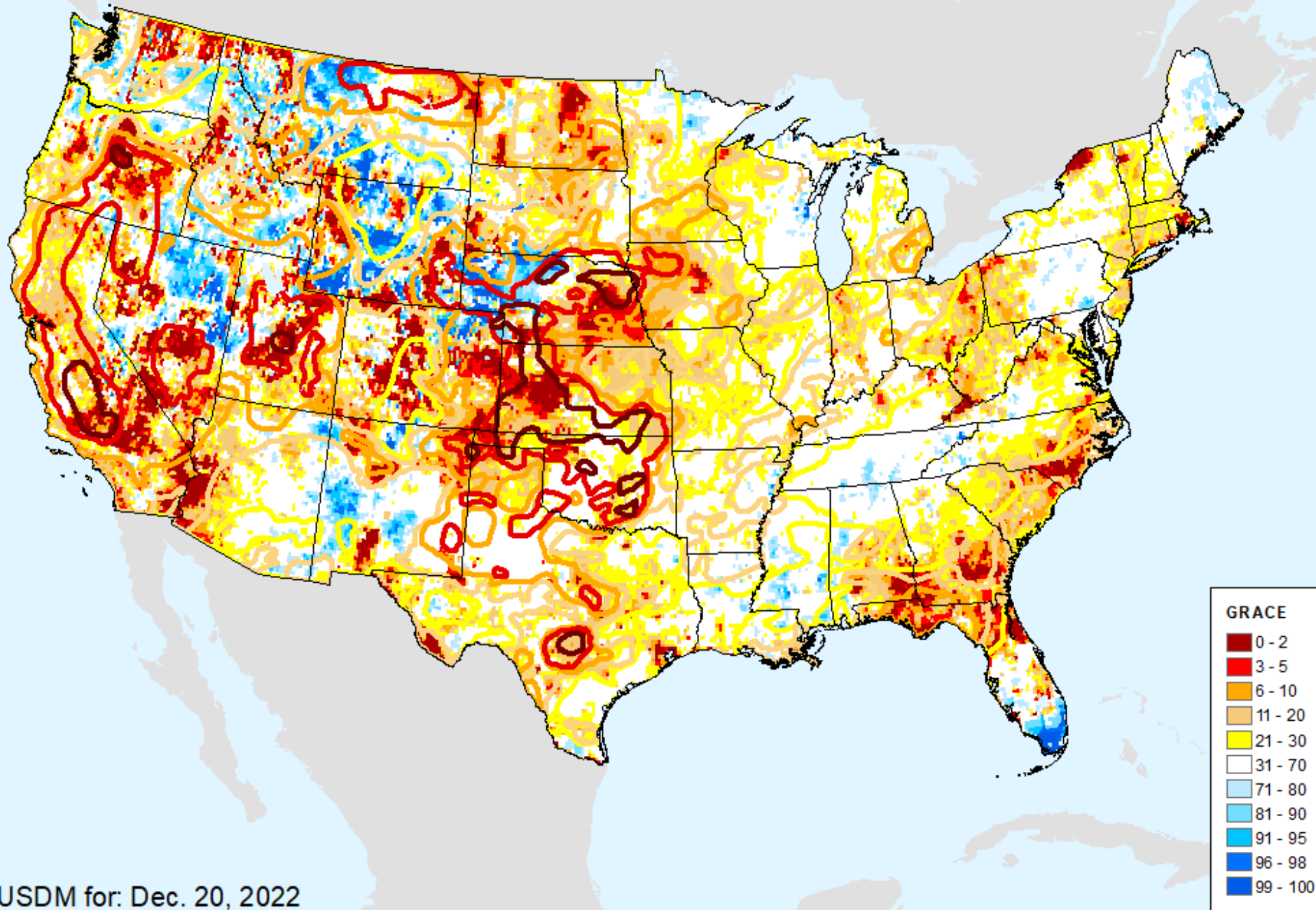
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Wednesday, December 28, 2022



GRACE-Based Surface Soil Moisture Drought Indicator

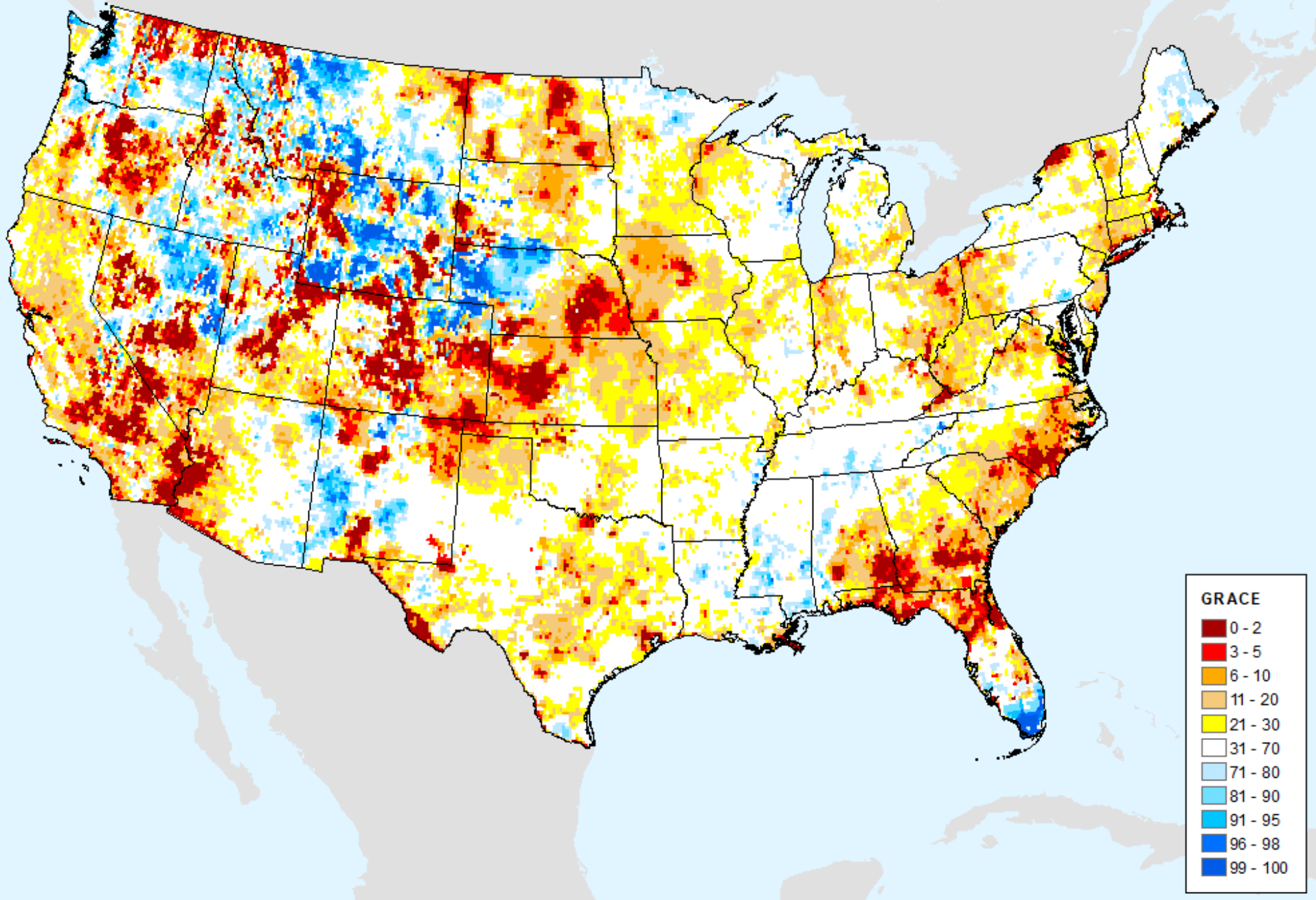
As of: Wednesday, December 28, 2022



USDM for: Dec. 20, 2022

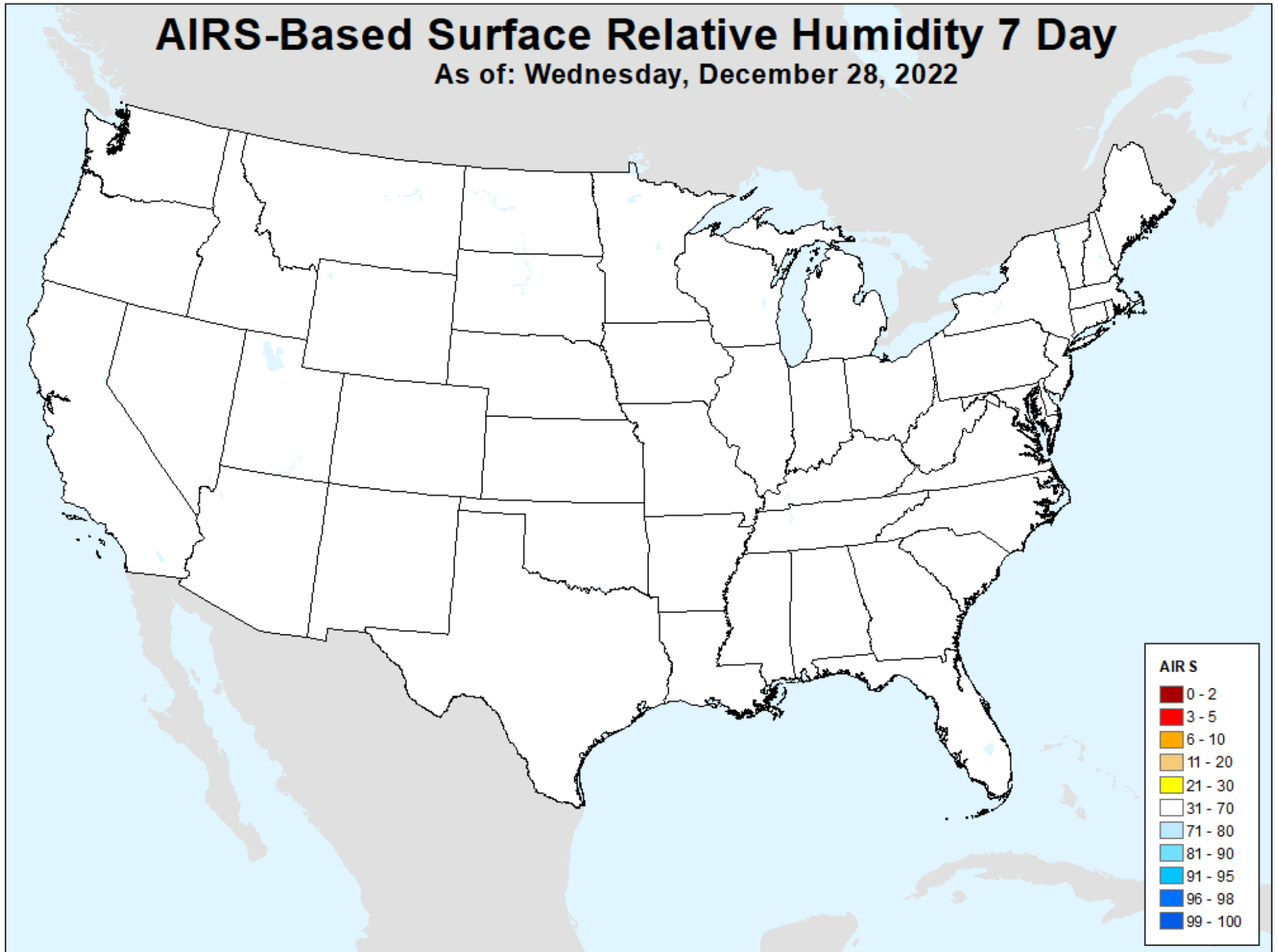
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Wednesday, December 28, 2022



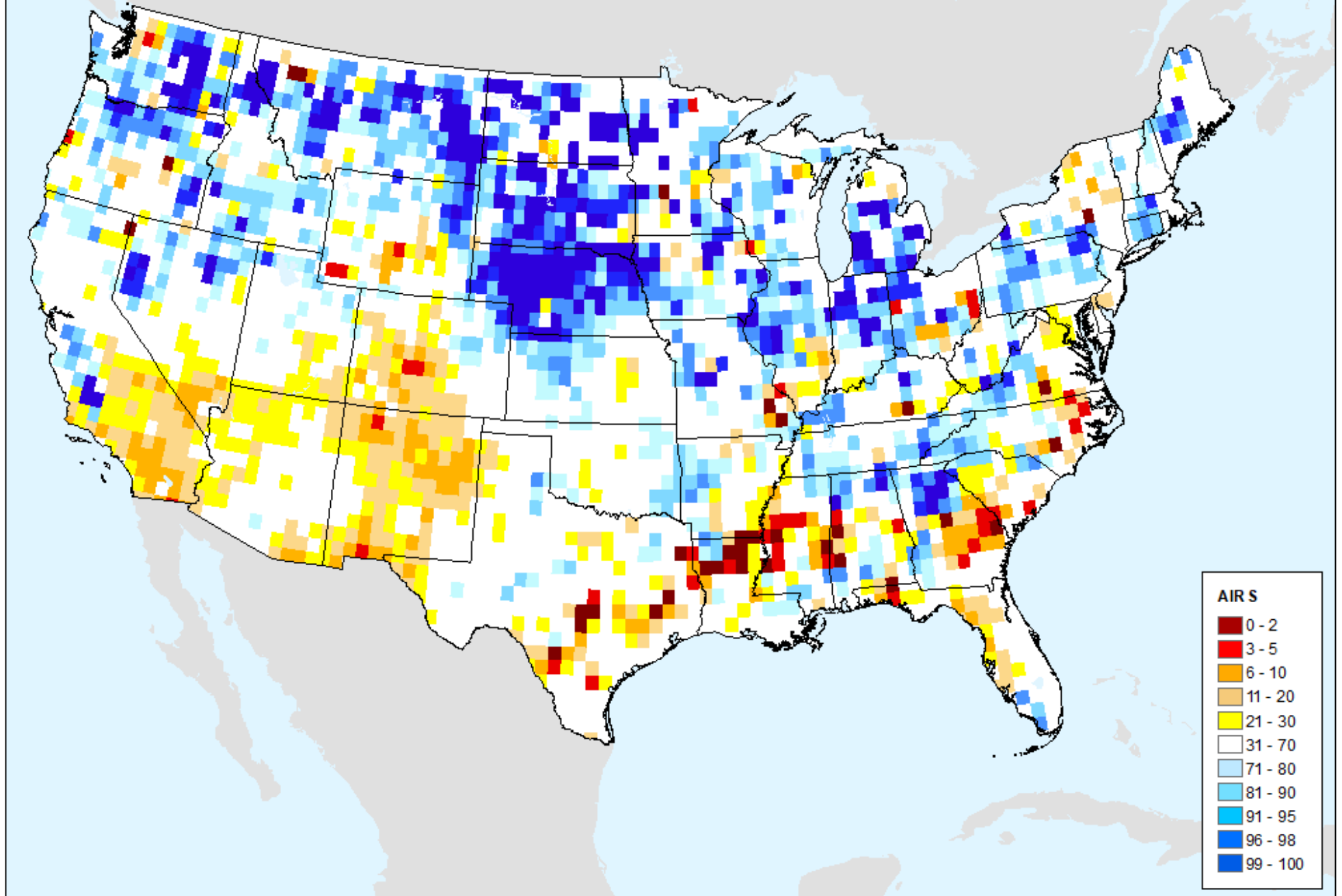
AIRS-Based Surface Relative Humidity 7 Day

As of: Wednesday, December 28, 2022



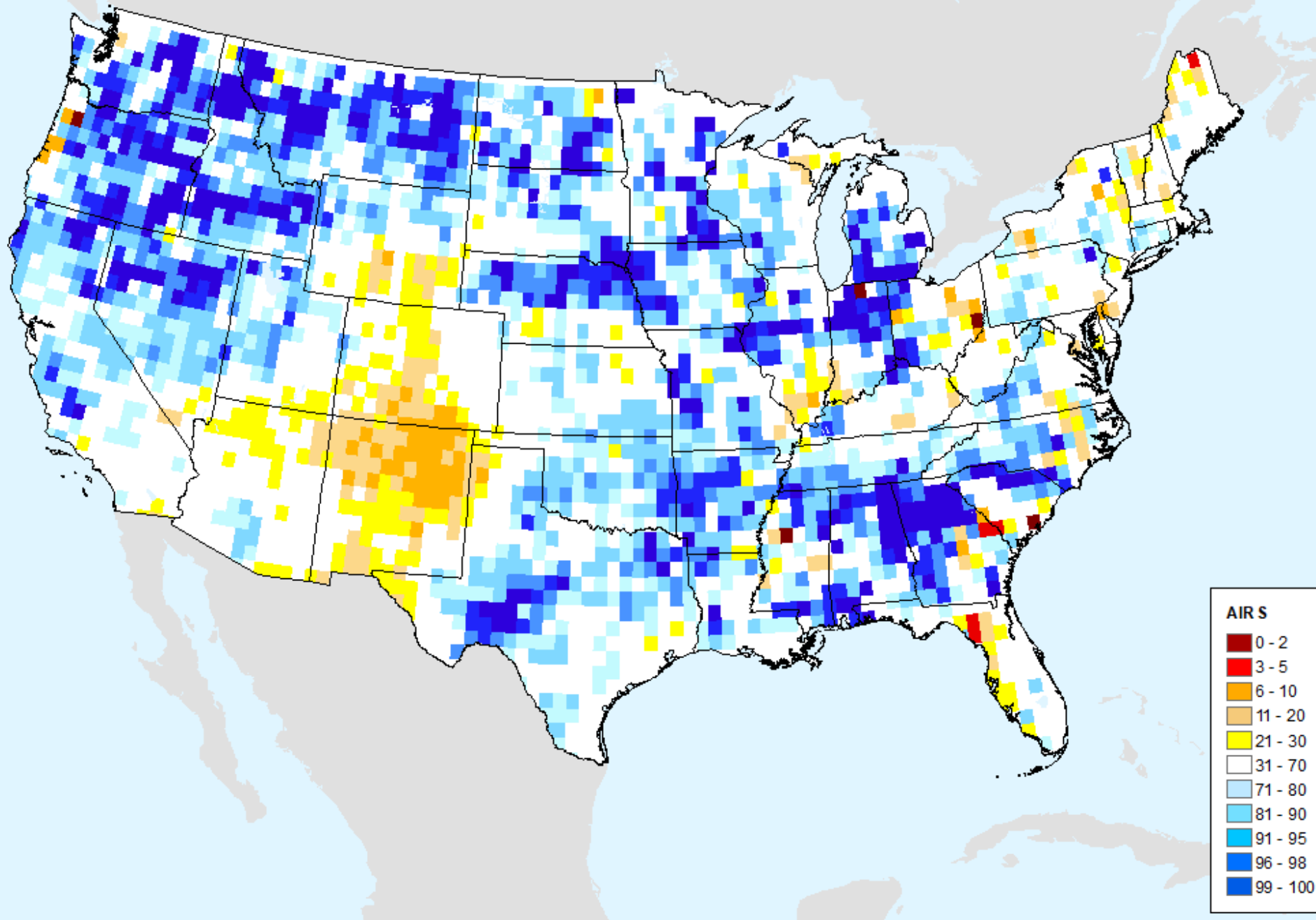
AIRS-Based Surface Relative Humidity 14 Day

As of: Wednesday, December 28, 2022



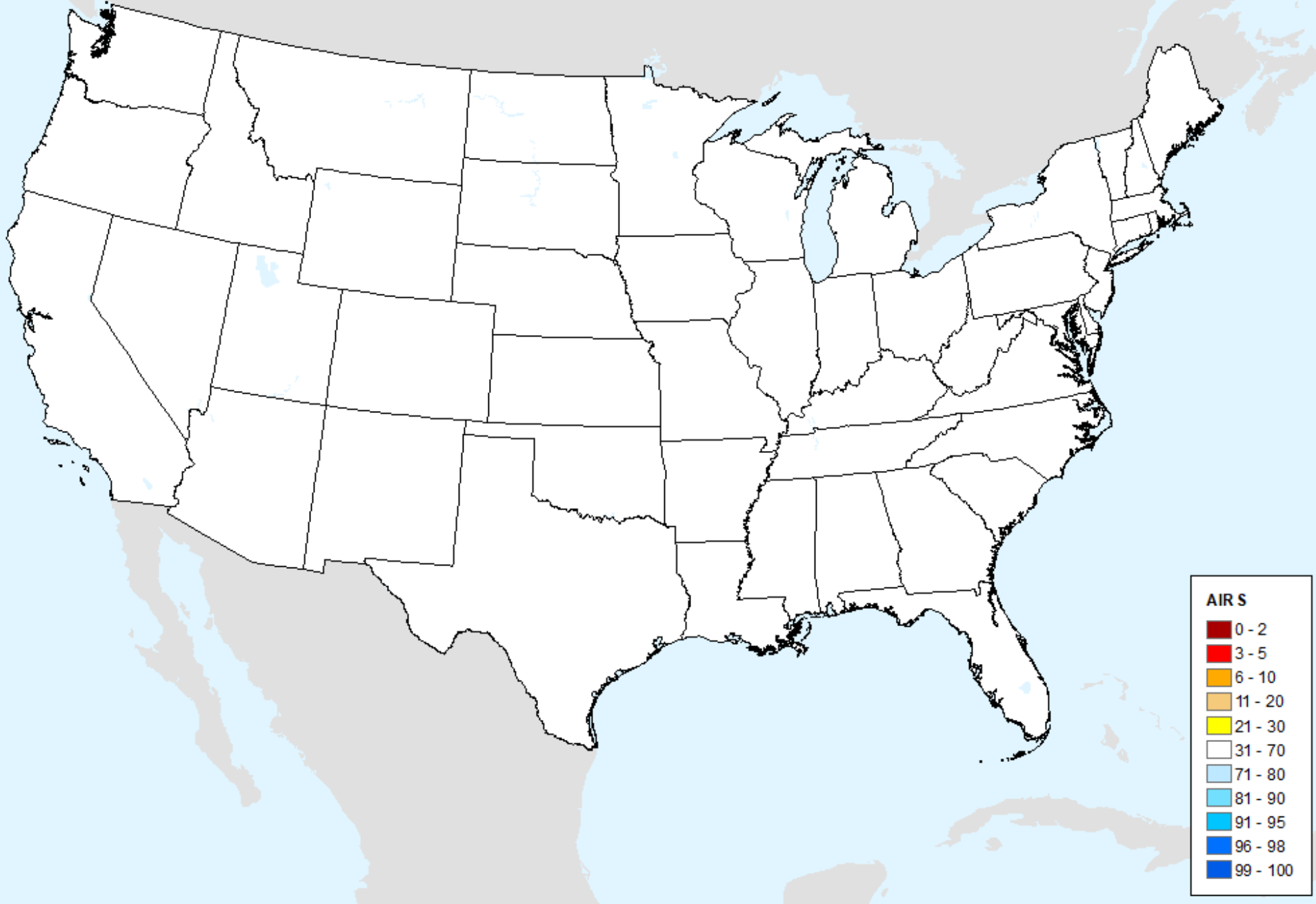
AIRS-Based Surface Relative Humidity 28 Day

As of: Wednesday, December 28, 2022



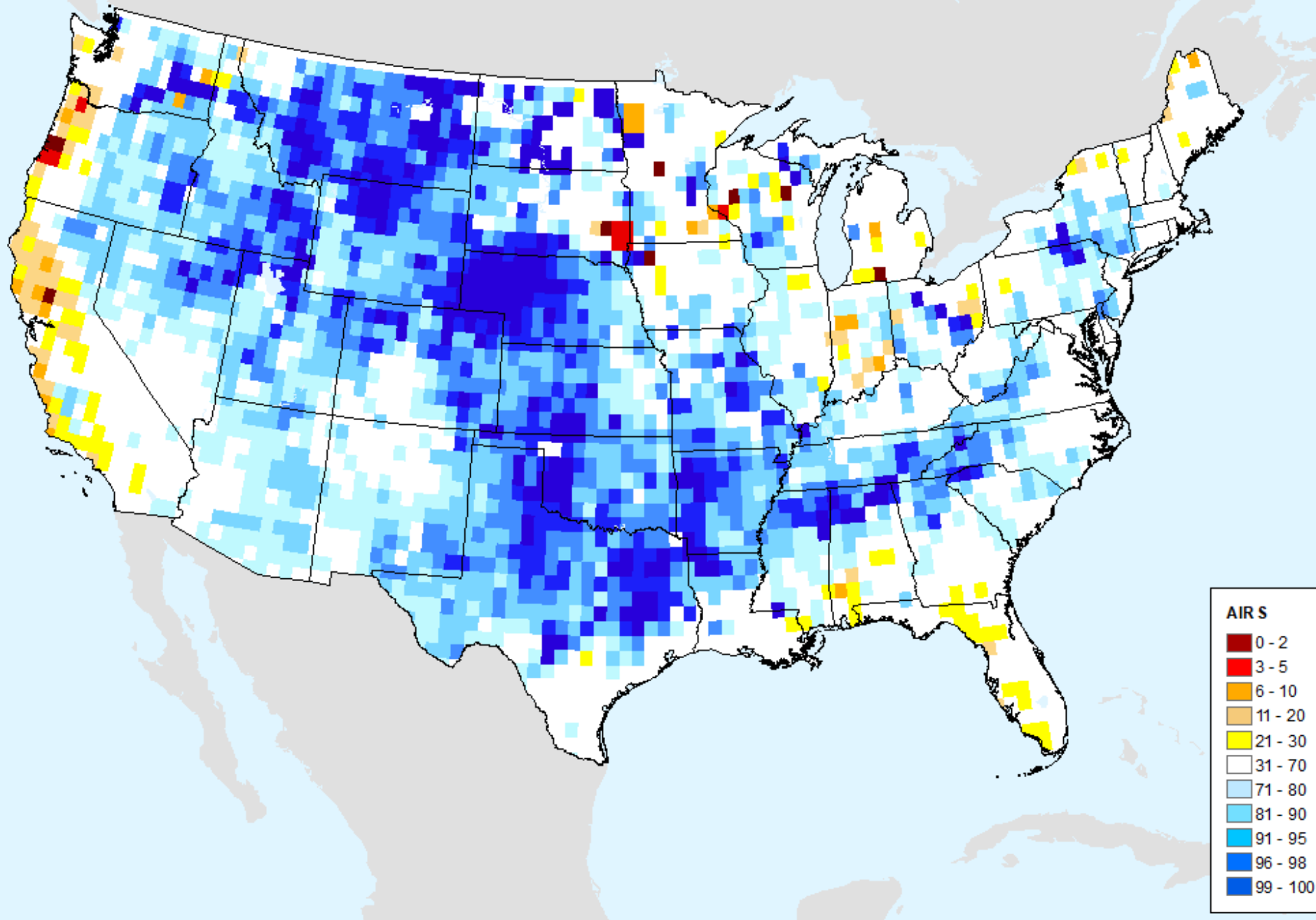
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Wednesday, December 28, 2022



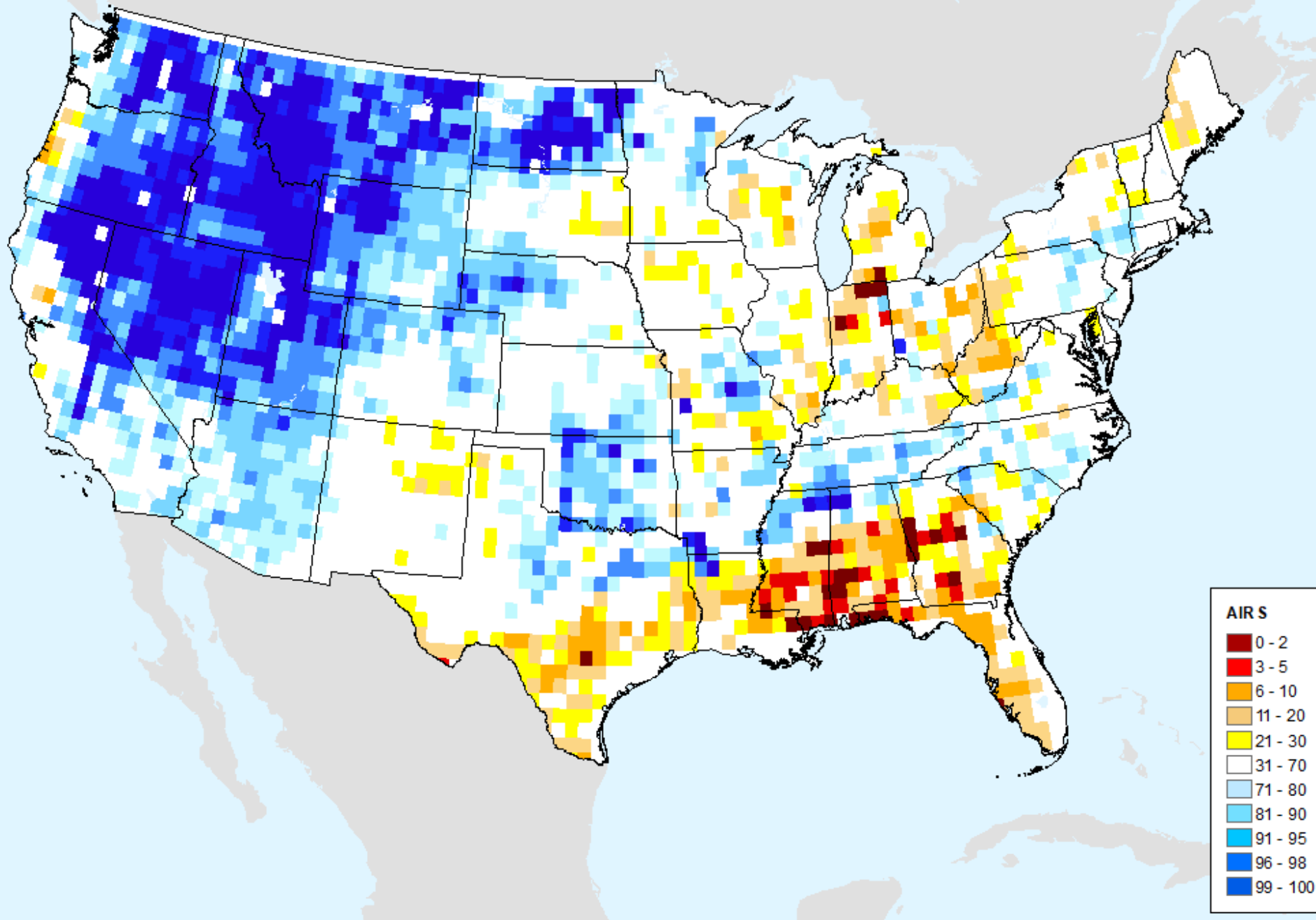
AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Wednesday, December 28, 2022



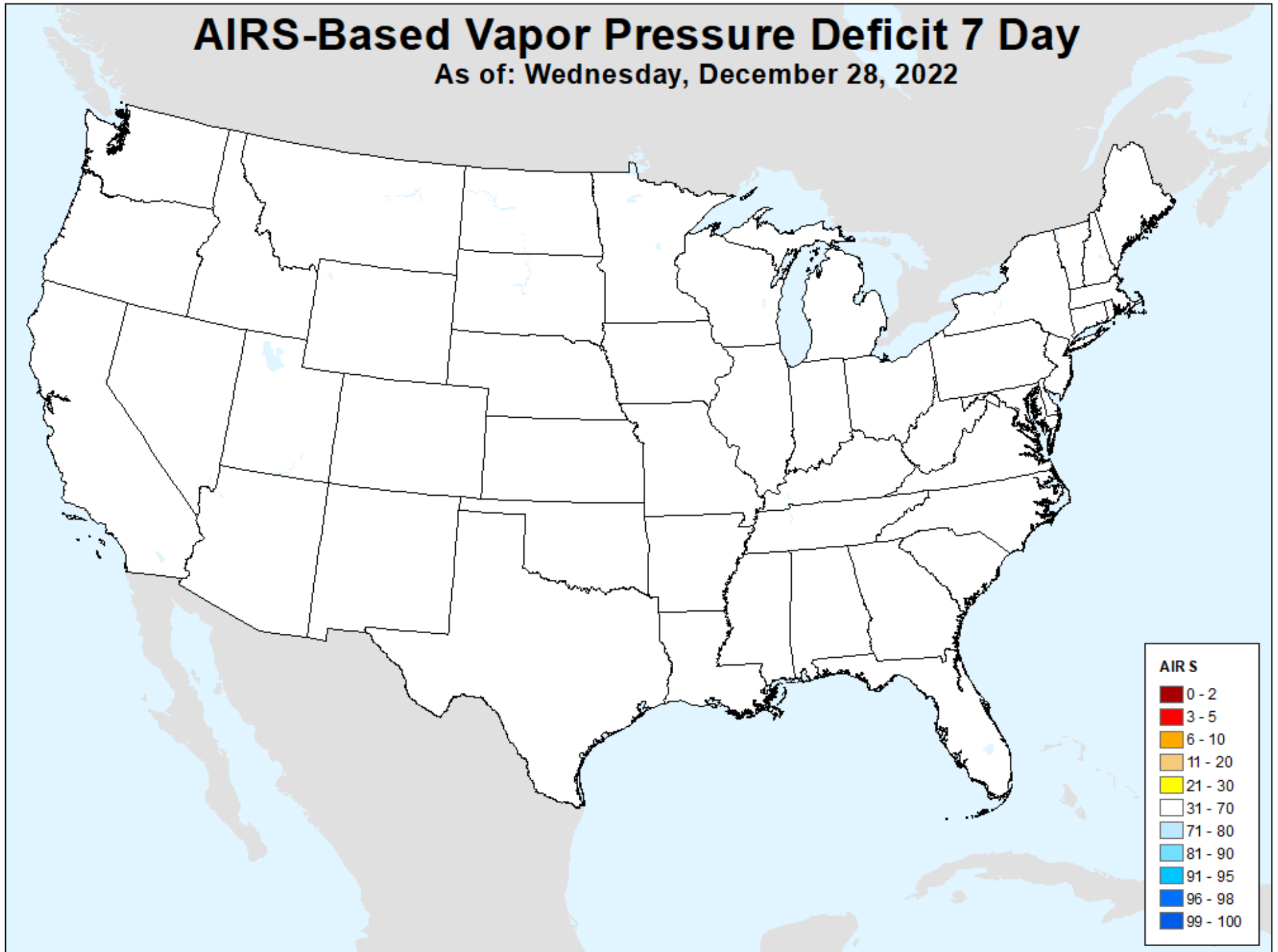
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Wednesday, December 28, 2022



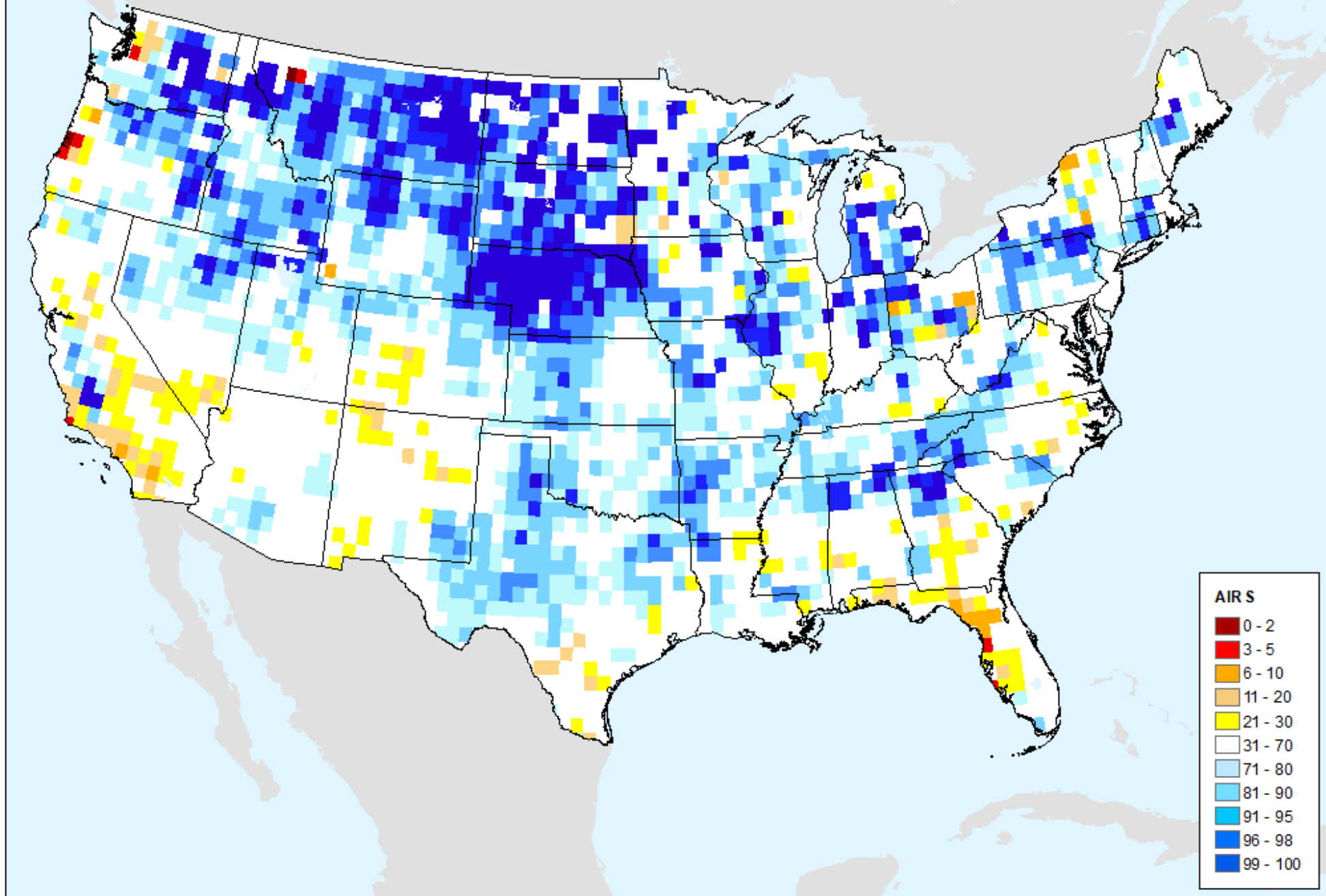
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Wednesday, December 28, 2022



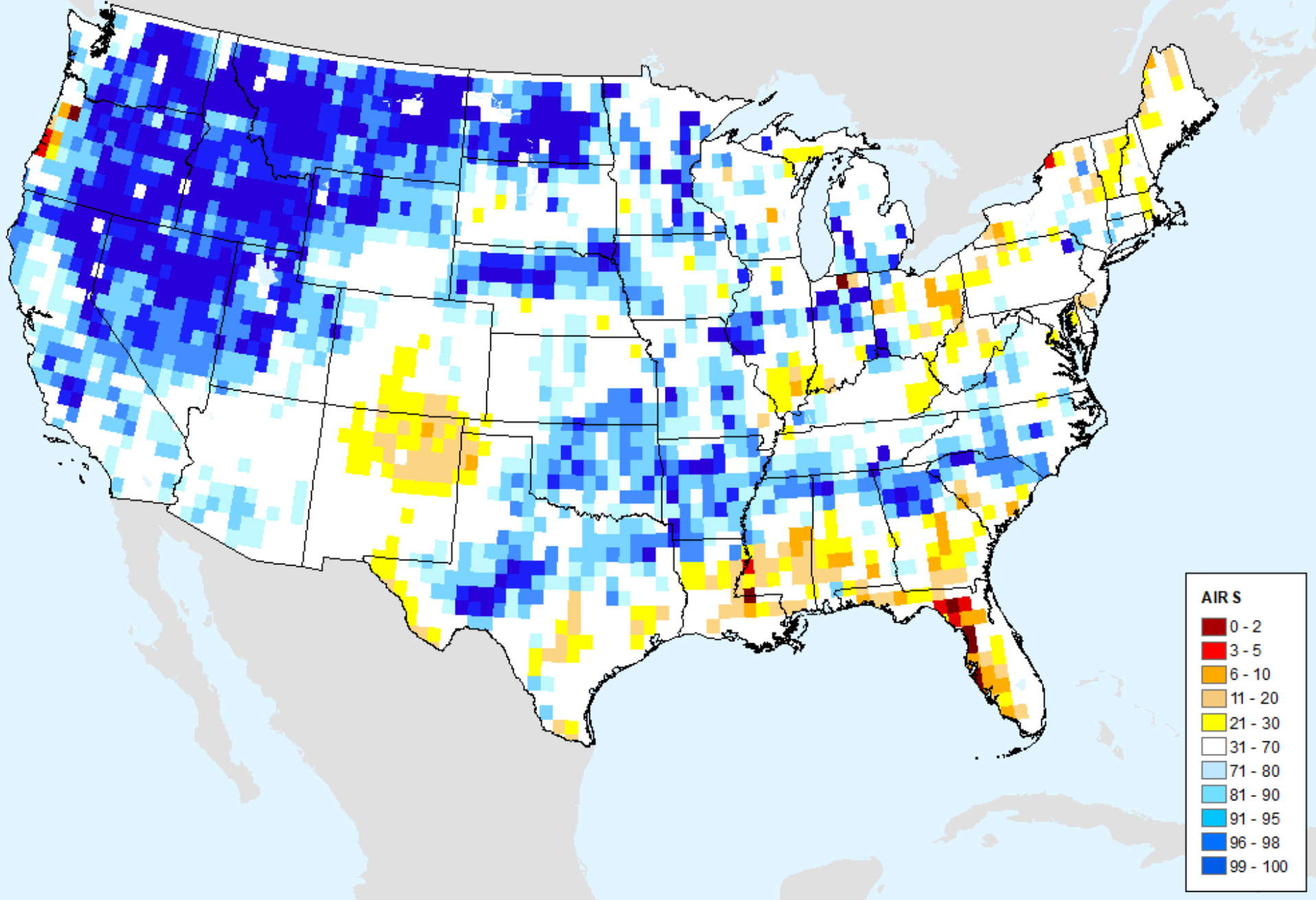
AIRS-Based Vapor Pressure Deficit 14 Day

As of: Wednesday, December 28, 2022



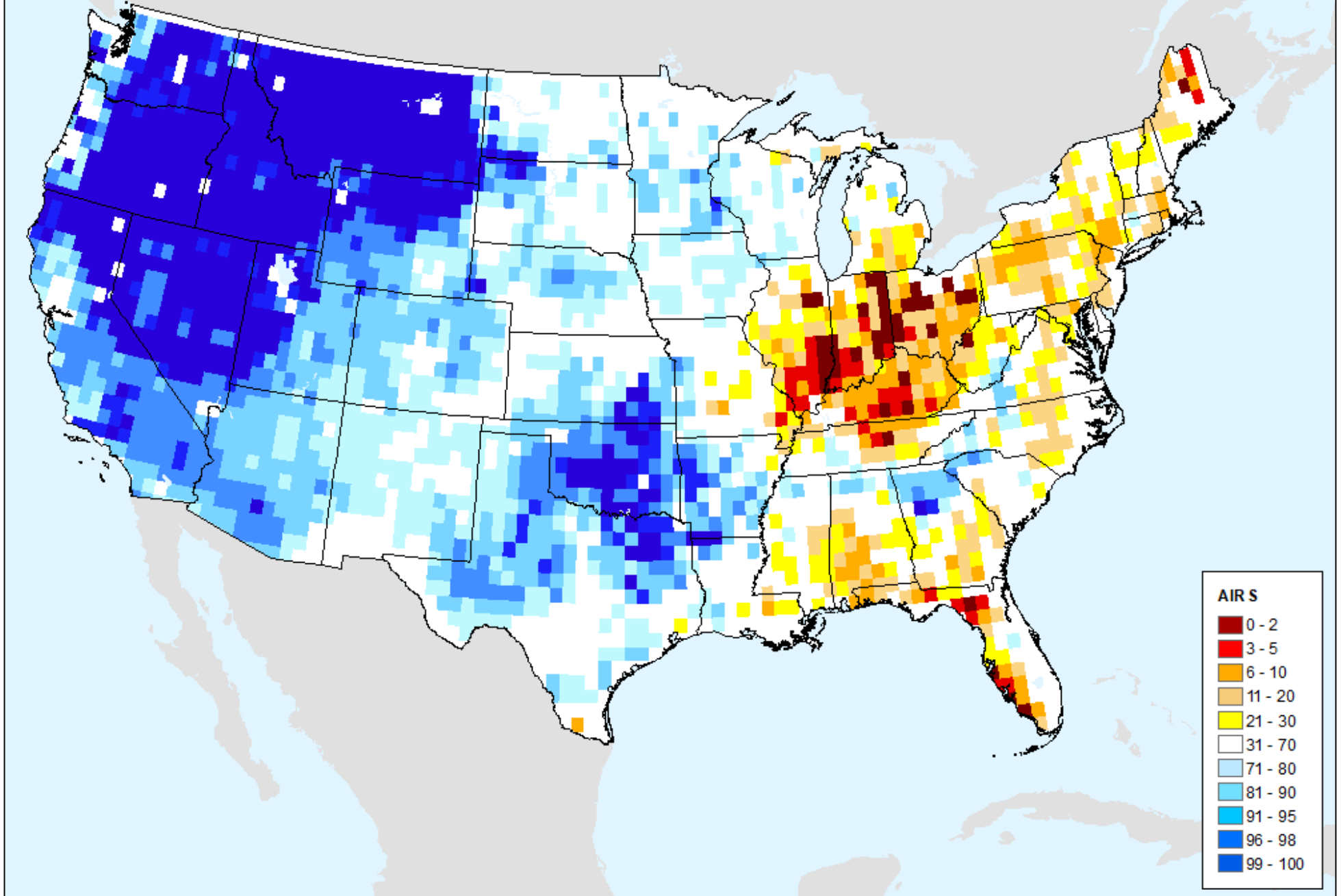
AIRS-Based Vapor Pressure Deficit 28 Day

As of: Wednesday, December 28, 2022



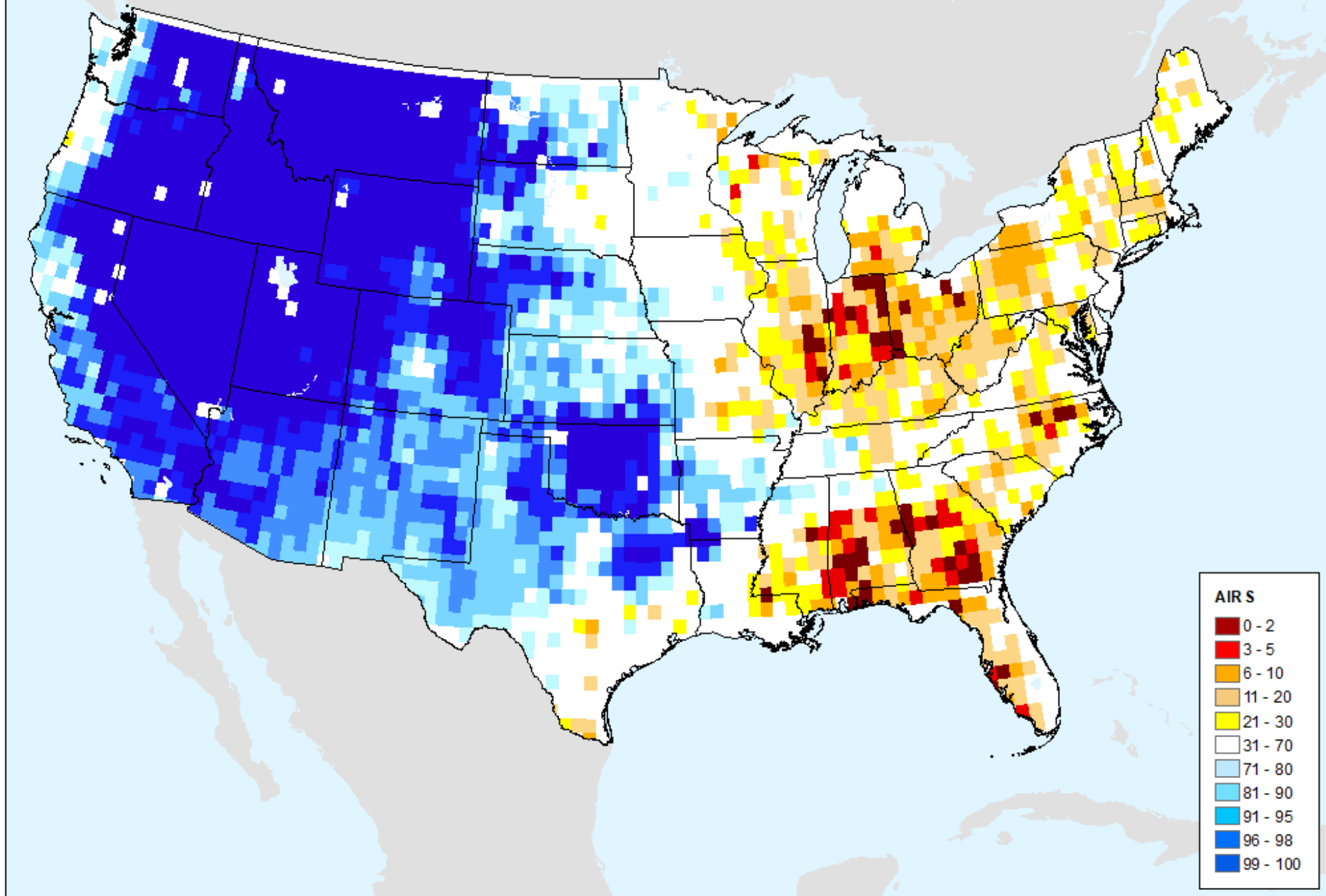
AIRS-Based Vapor Pressure Deficit 56 Day

As of: Wednesday, December 28, 2022



AIRS-Based Surface Air Temperature 56 Day

As of: Wednesday, December 28, 2022



AIRS-Based Surface Relative Humidity 56 Day

As of: Wednesday, December 28, 2022

