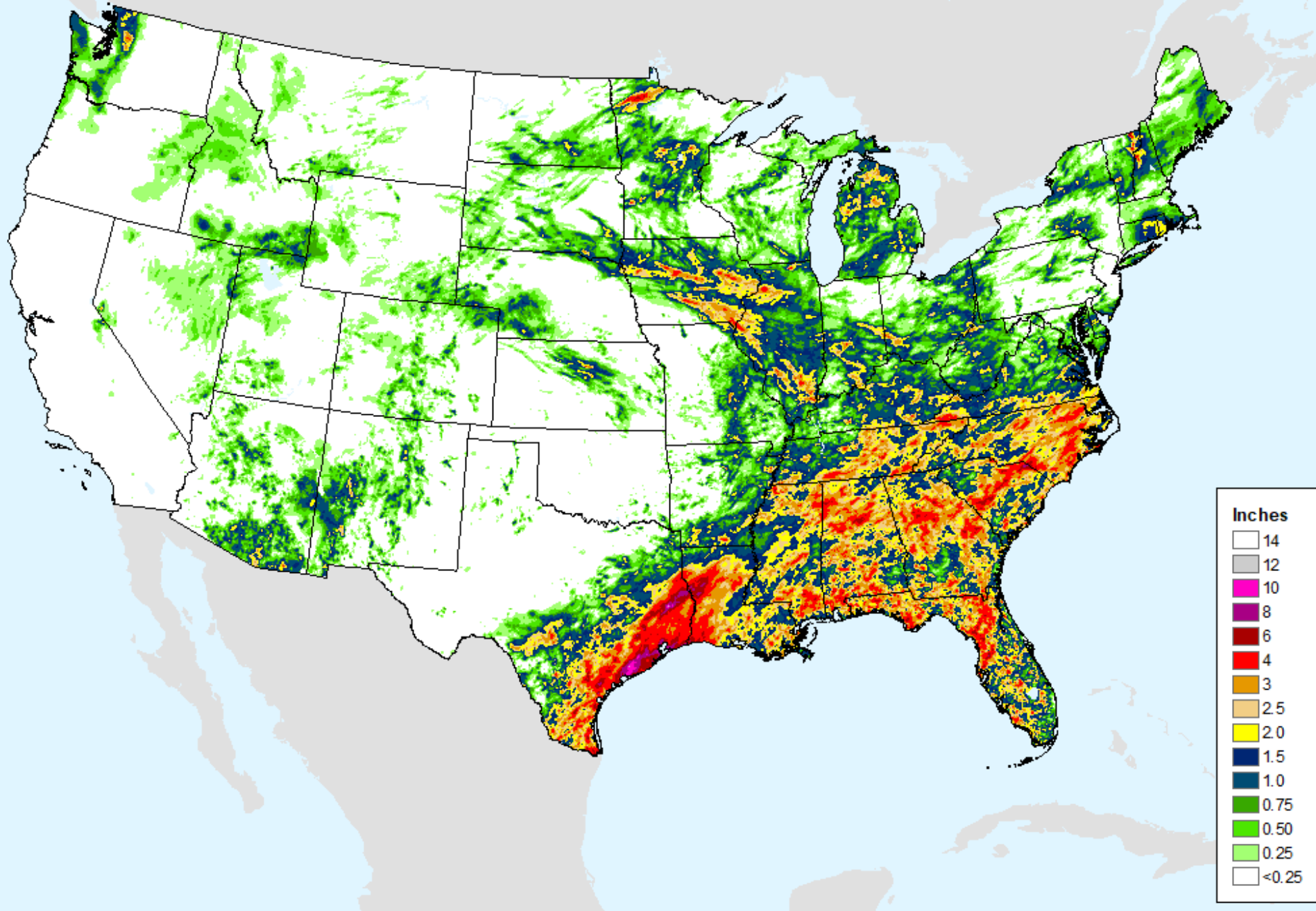


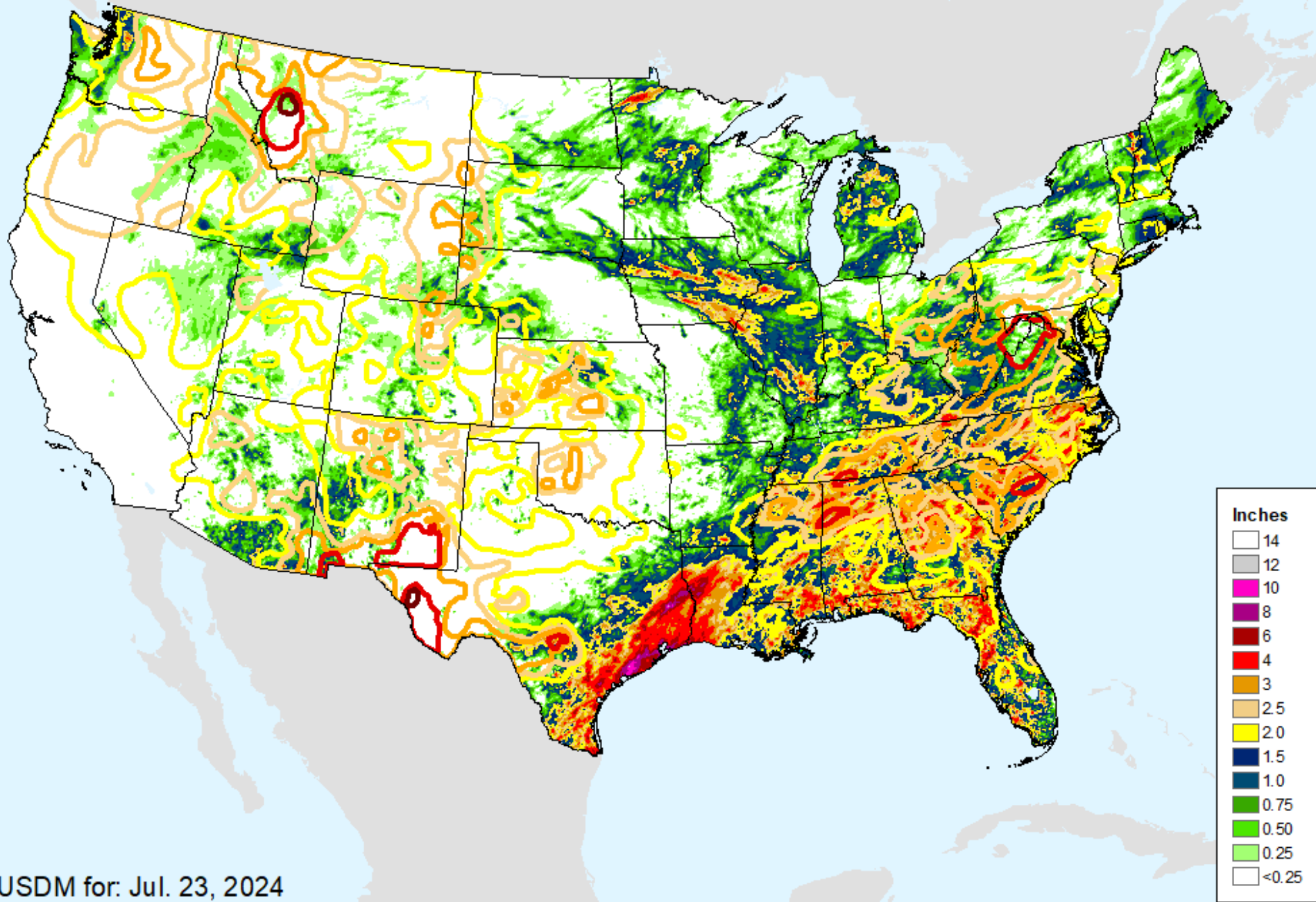
AHPS 7-Day Precipitation

As of: Tuesday, July 30, 2024



AHPS 7-Day Precipitation

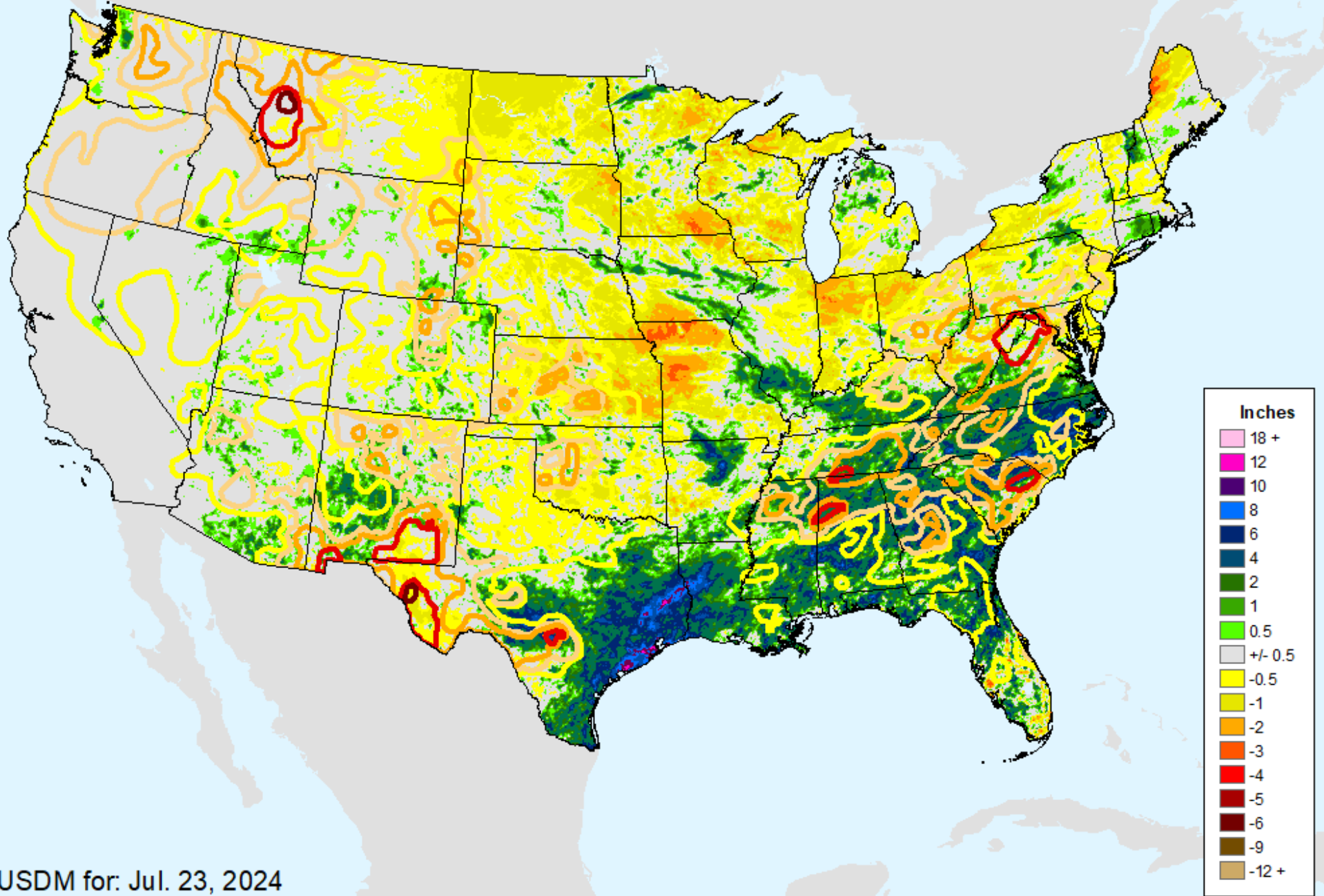
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

AHPS 14-Day Precip Departure

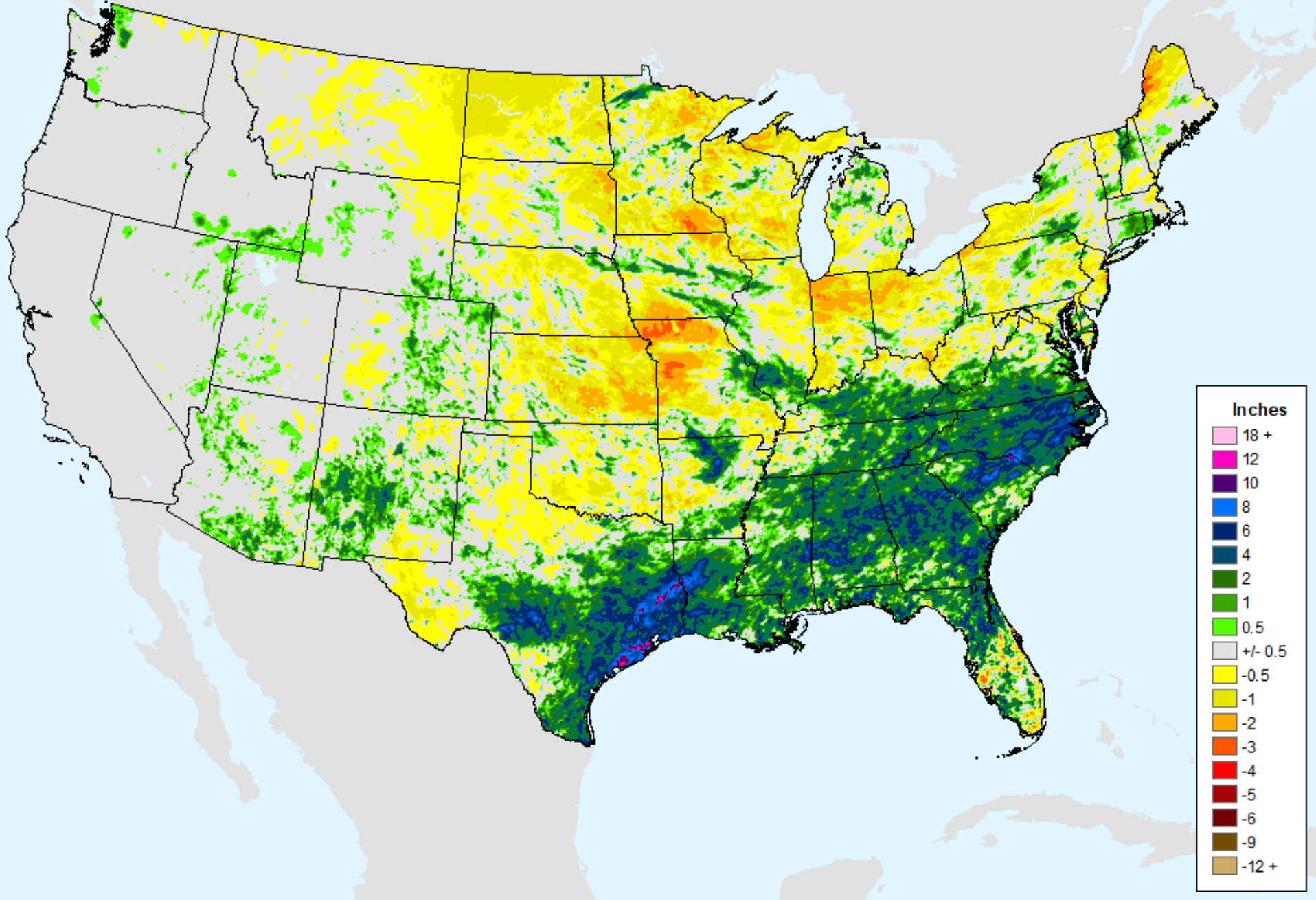
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

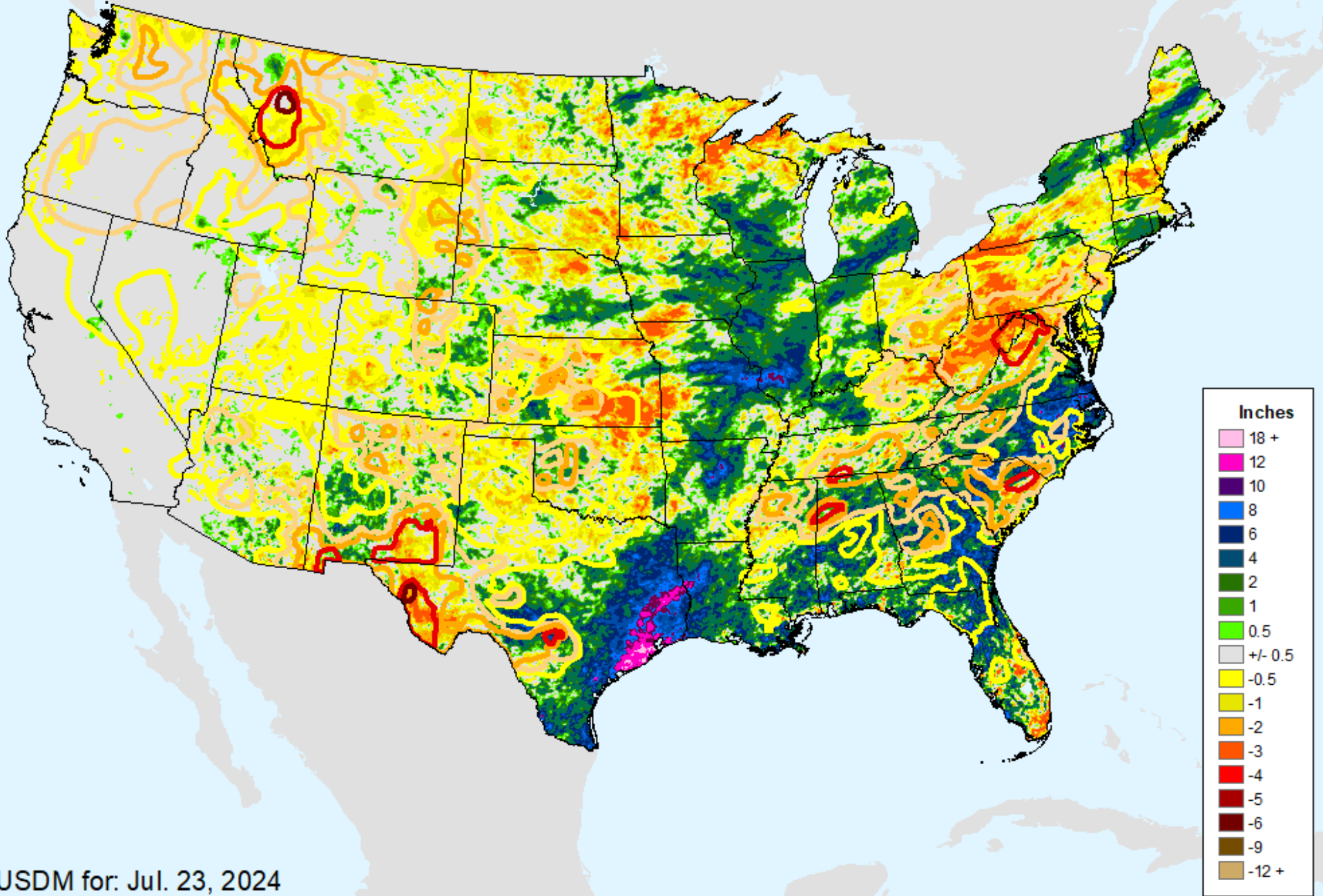
AHPS 14-Day Precip Departure

As of: Tuesday, July 30, 2024



AHPS 30-Day Precip Departure

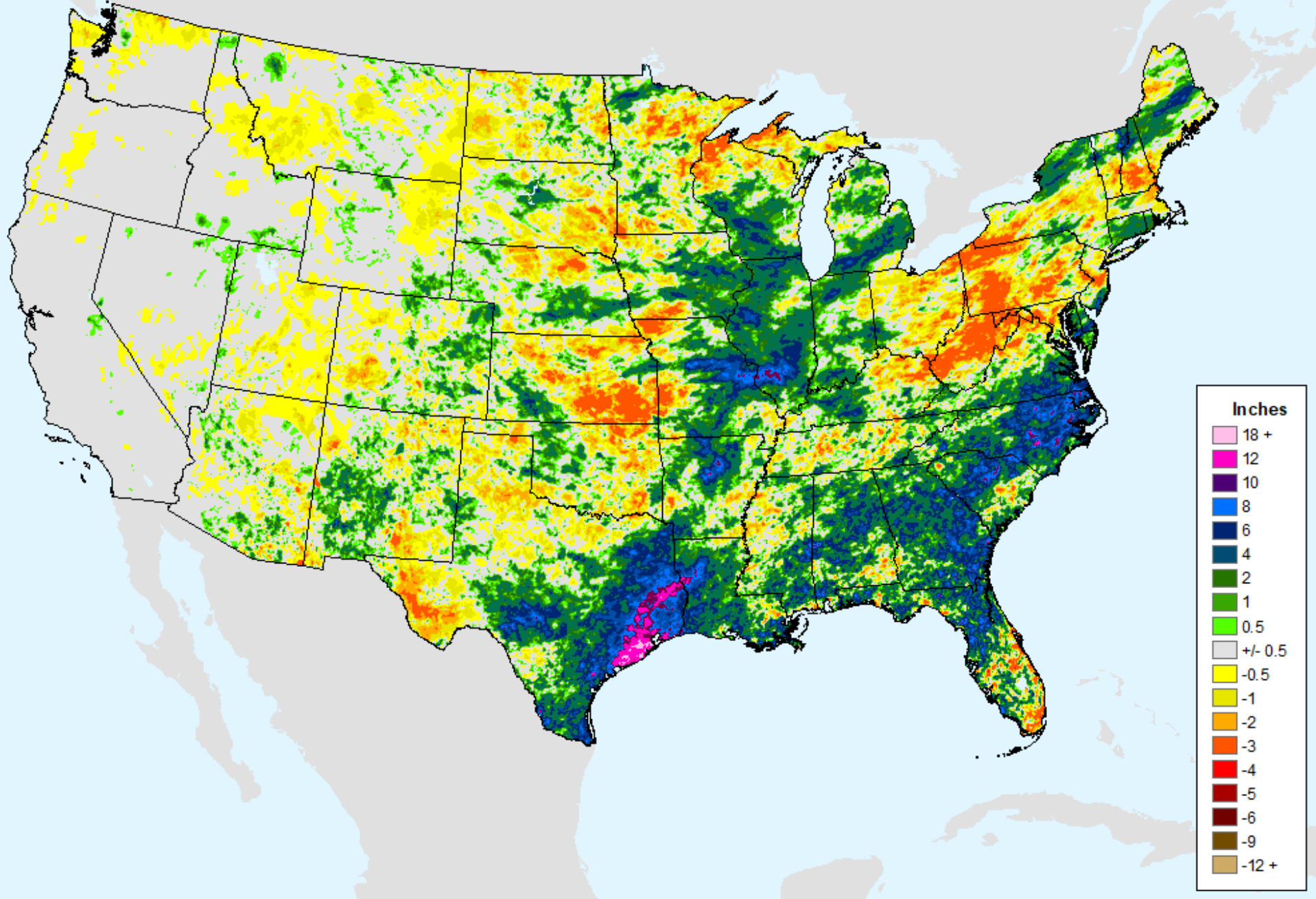
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

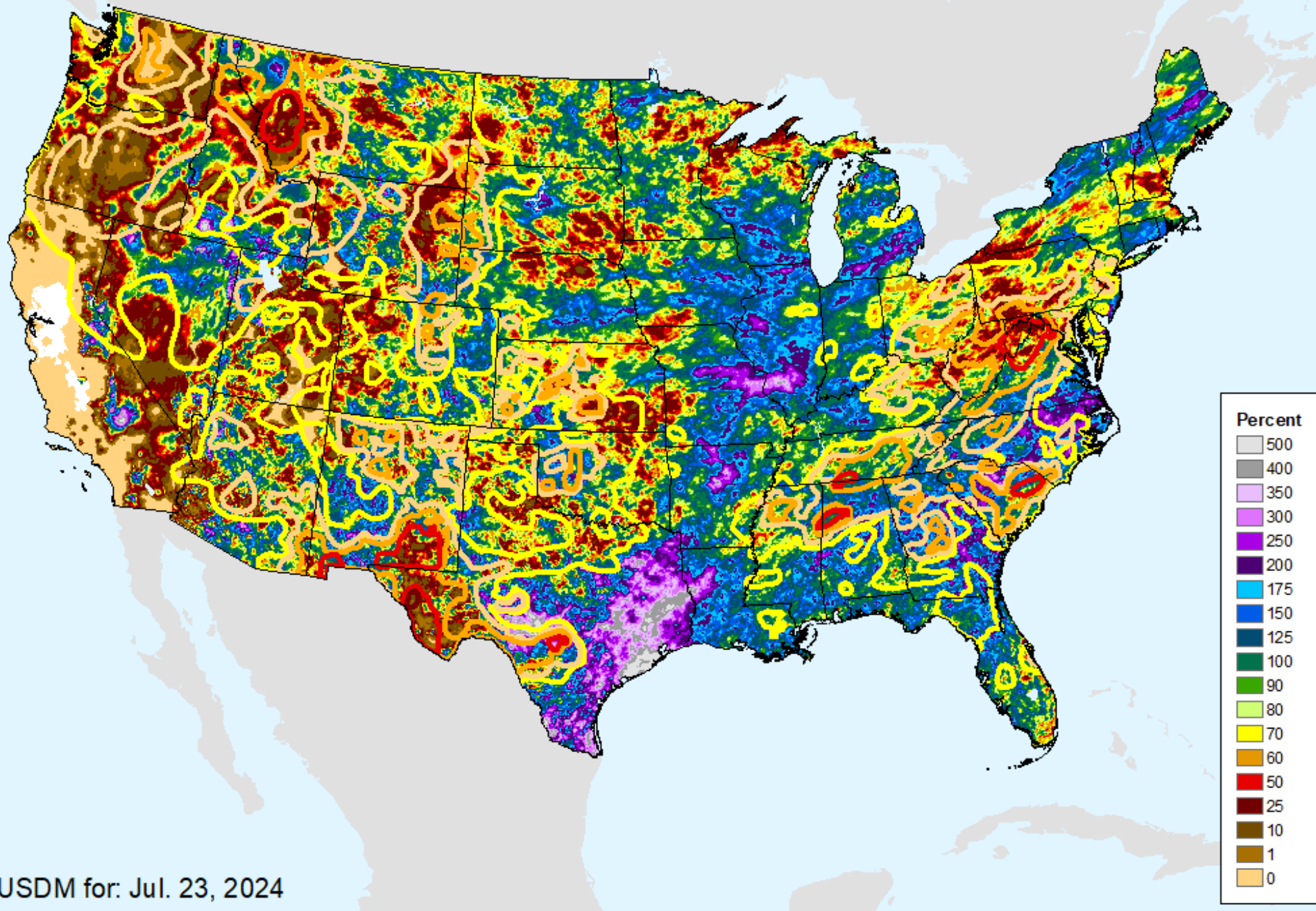
AHPS 30-Day Precip Departure

As of: Tuesday, July 30, 2024



AHPS 30-Day Pct of Normal Pcp

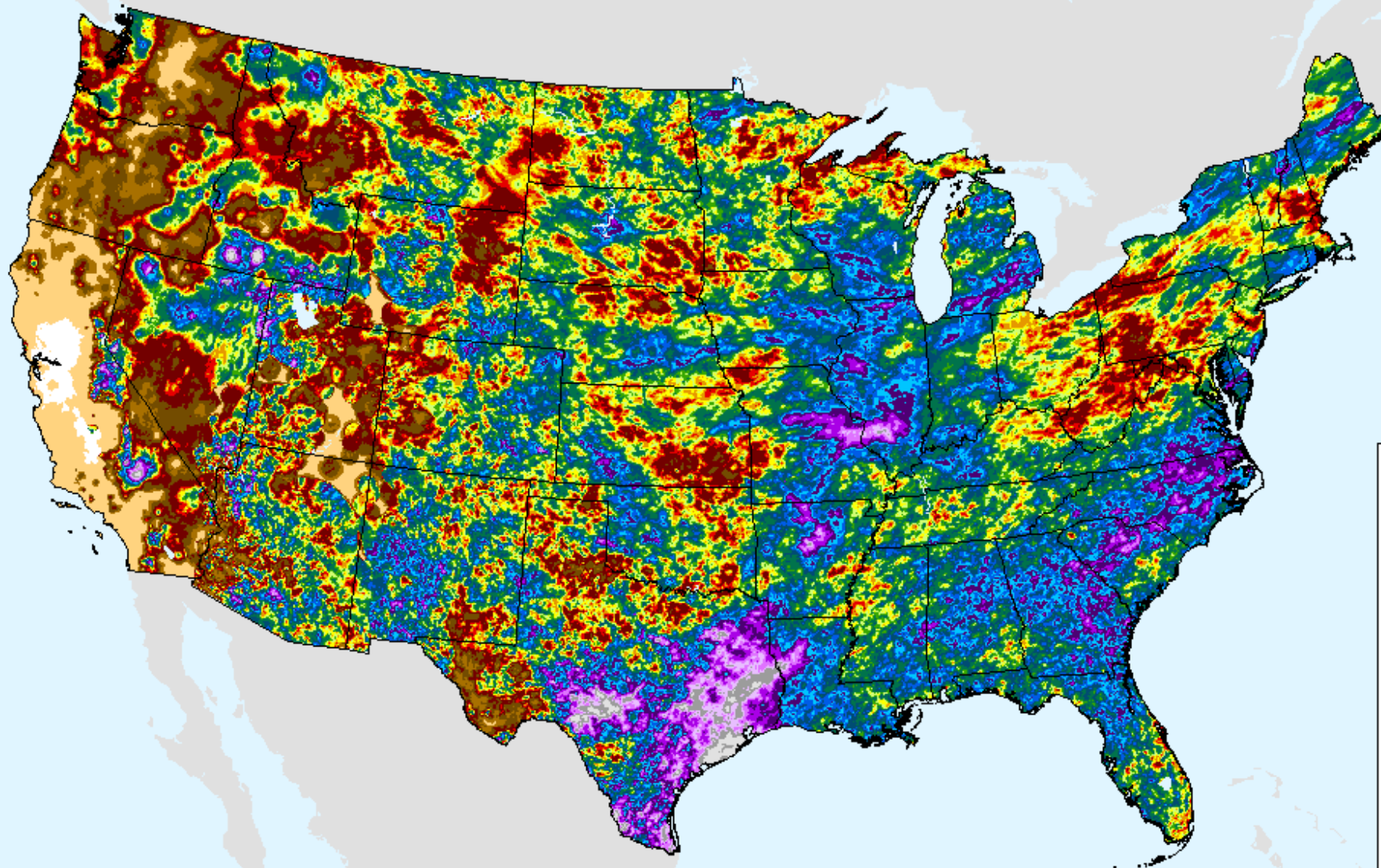
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, July 30, 2024

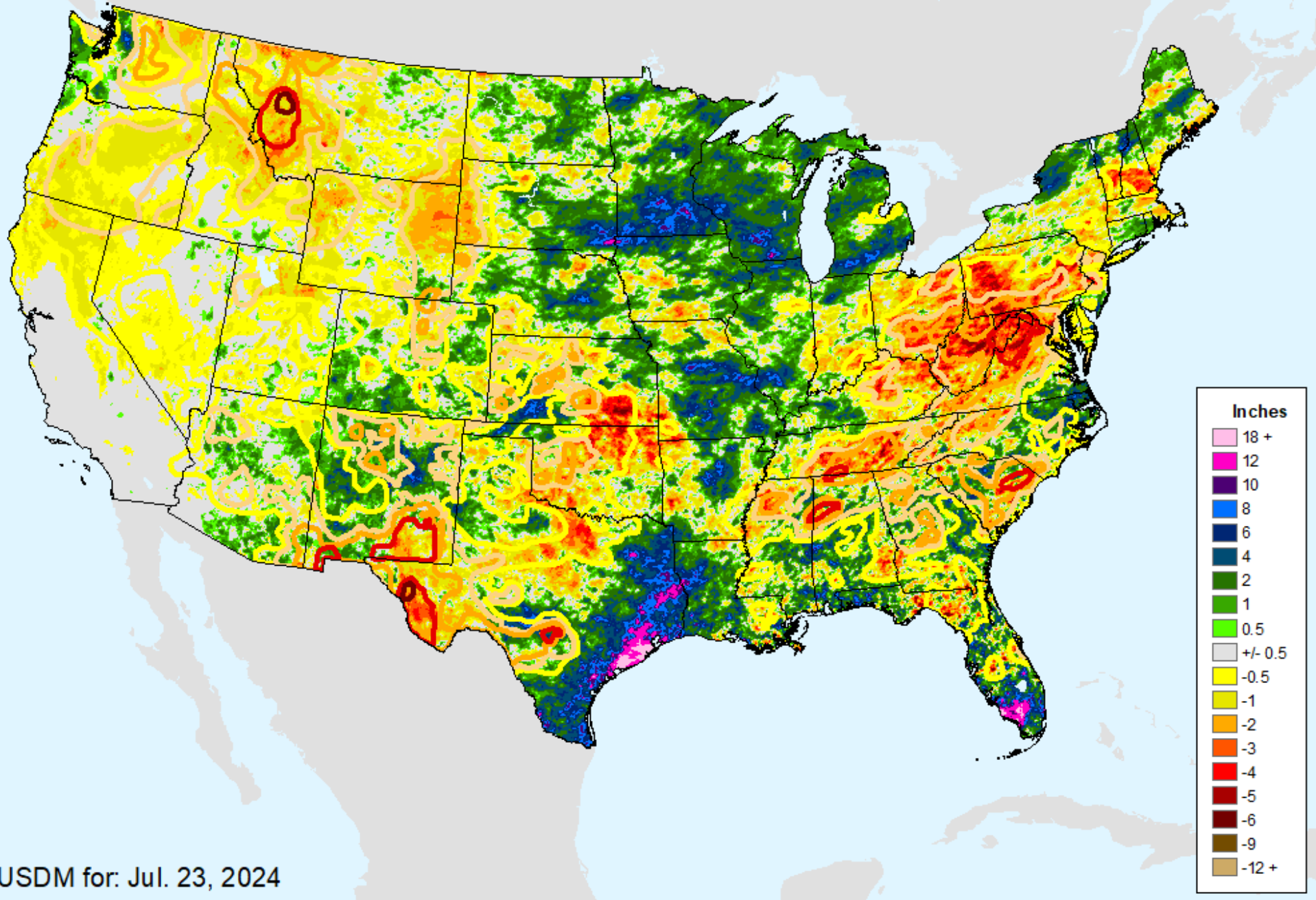


Percent

- 500
- 400
- 350
- 300
- 250
- 200
- 175
- 150
- 125
- 100
- 90
- 80
- 70
- 60
- 50
- 25
- 10
- 1
- 0

AHPS 60-Day Precip Departure

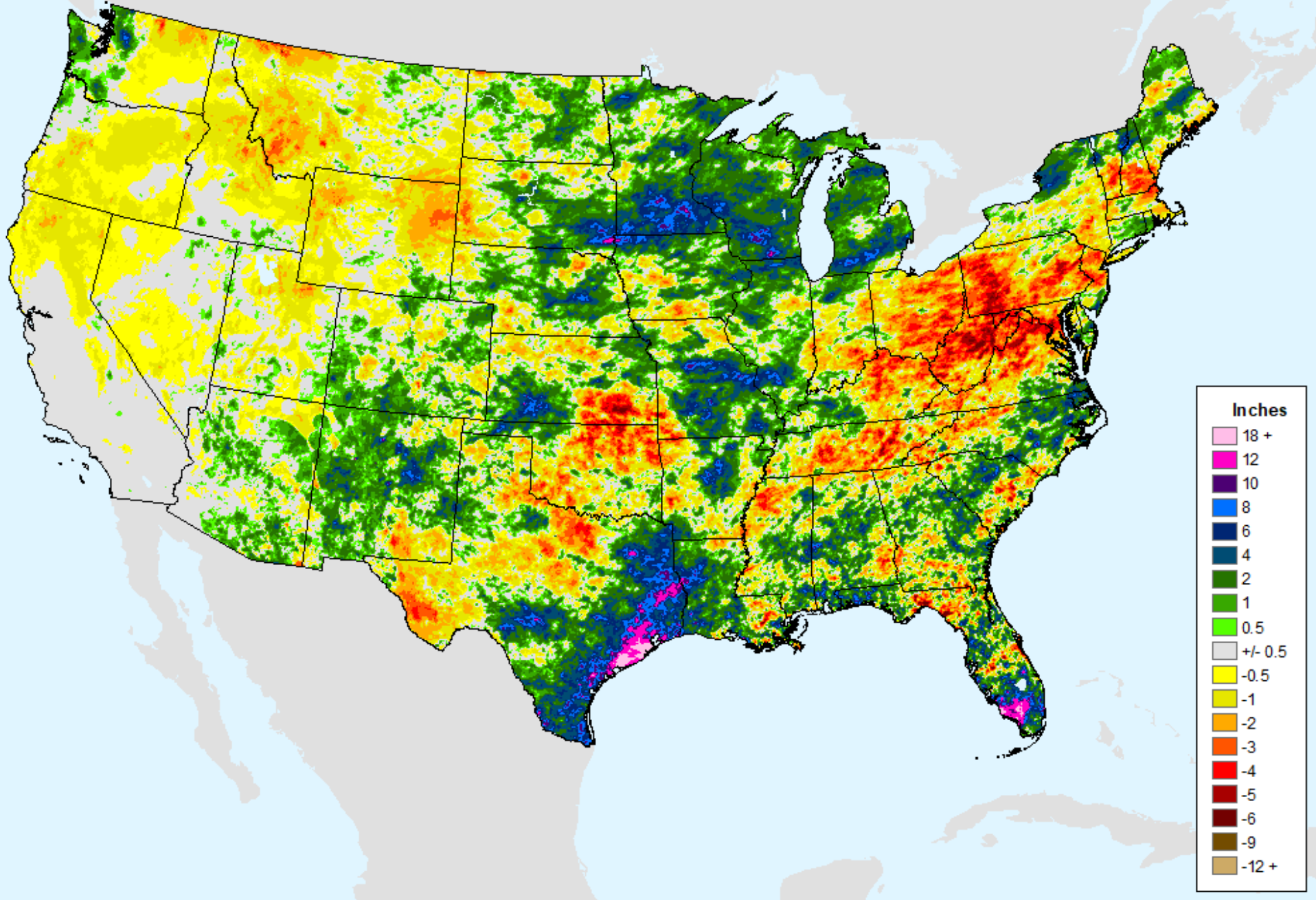
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

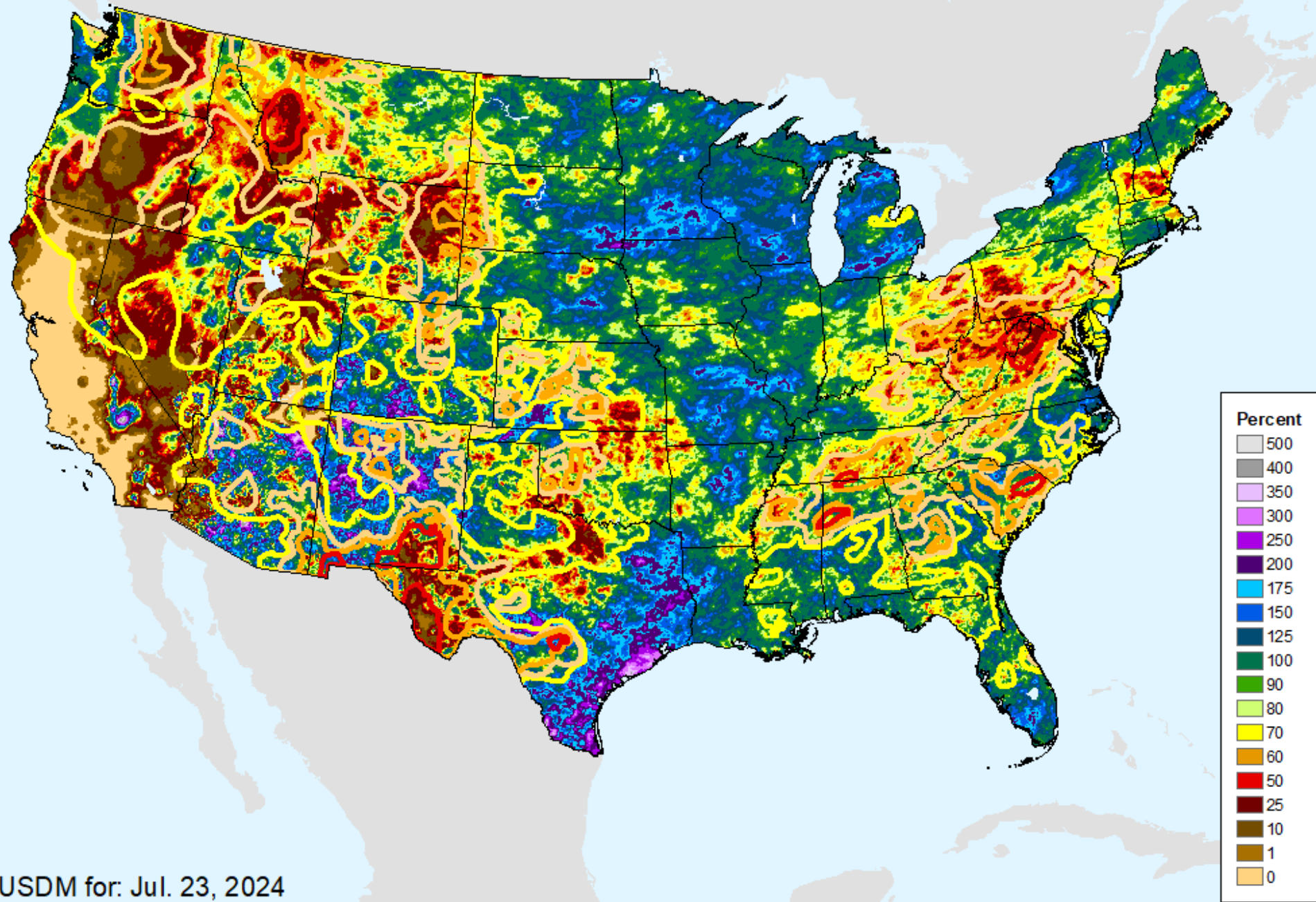
AHPS 60-Day Precip Departure

As of: Tuesday, July 30, 2024



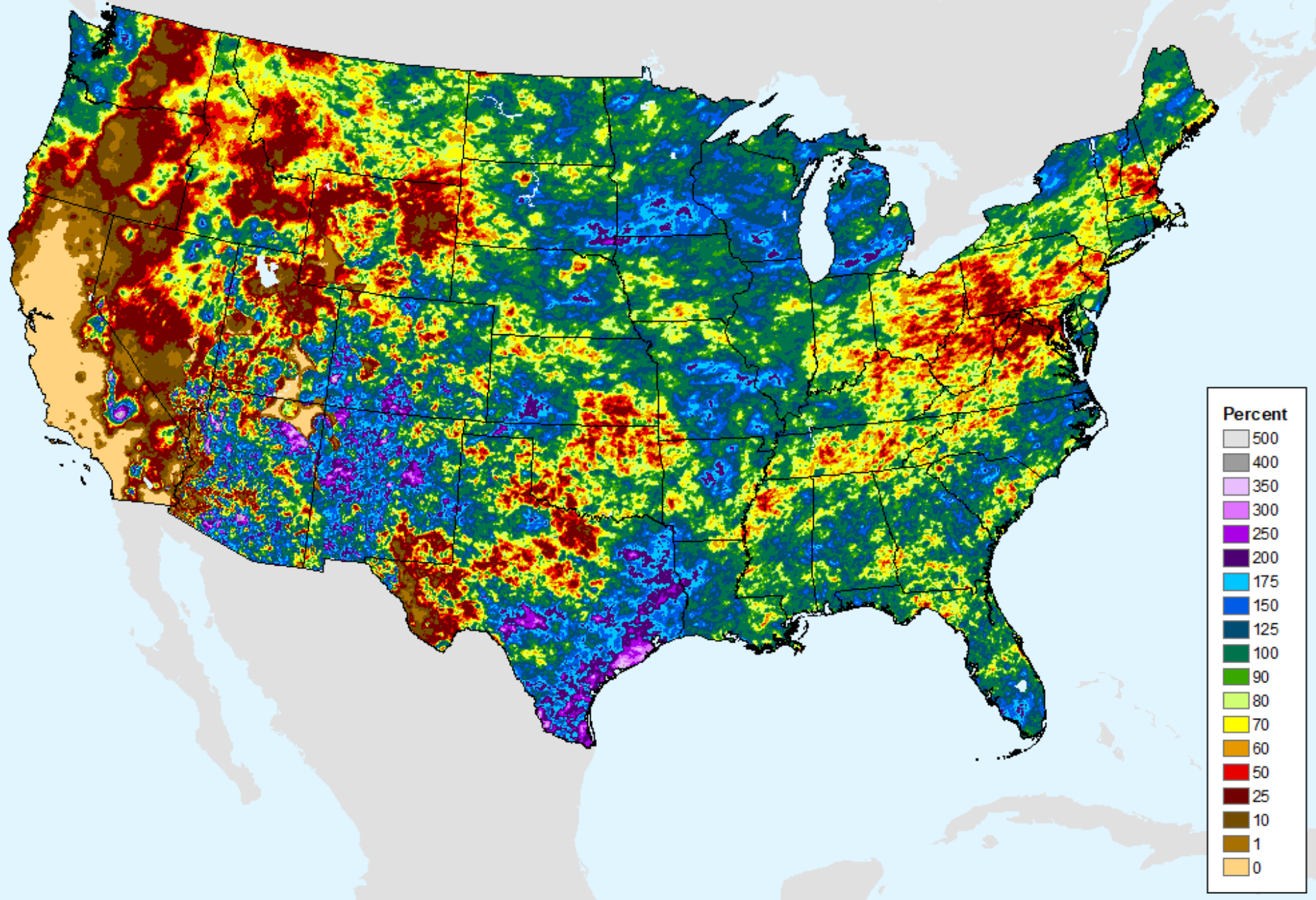
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, July 30, 2024



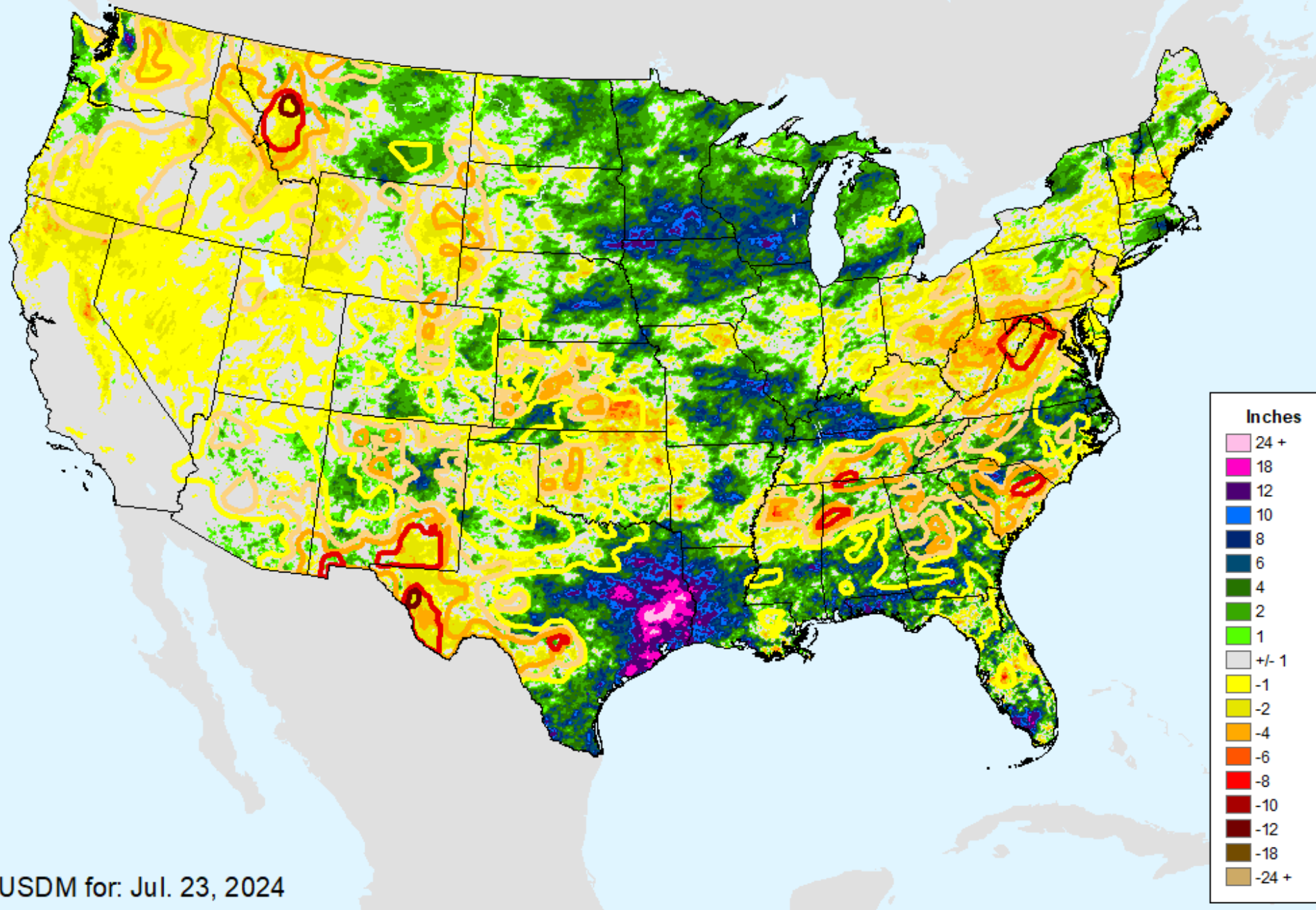
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, July 30, 2024



AHPS 90-Day Precip Departure

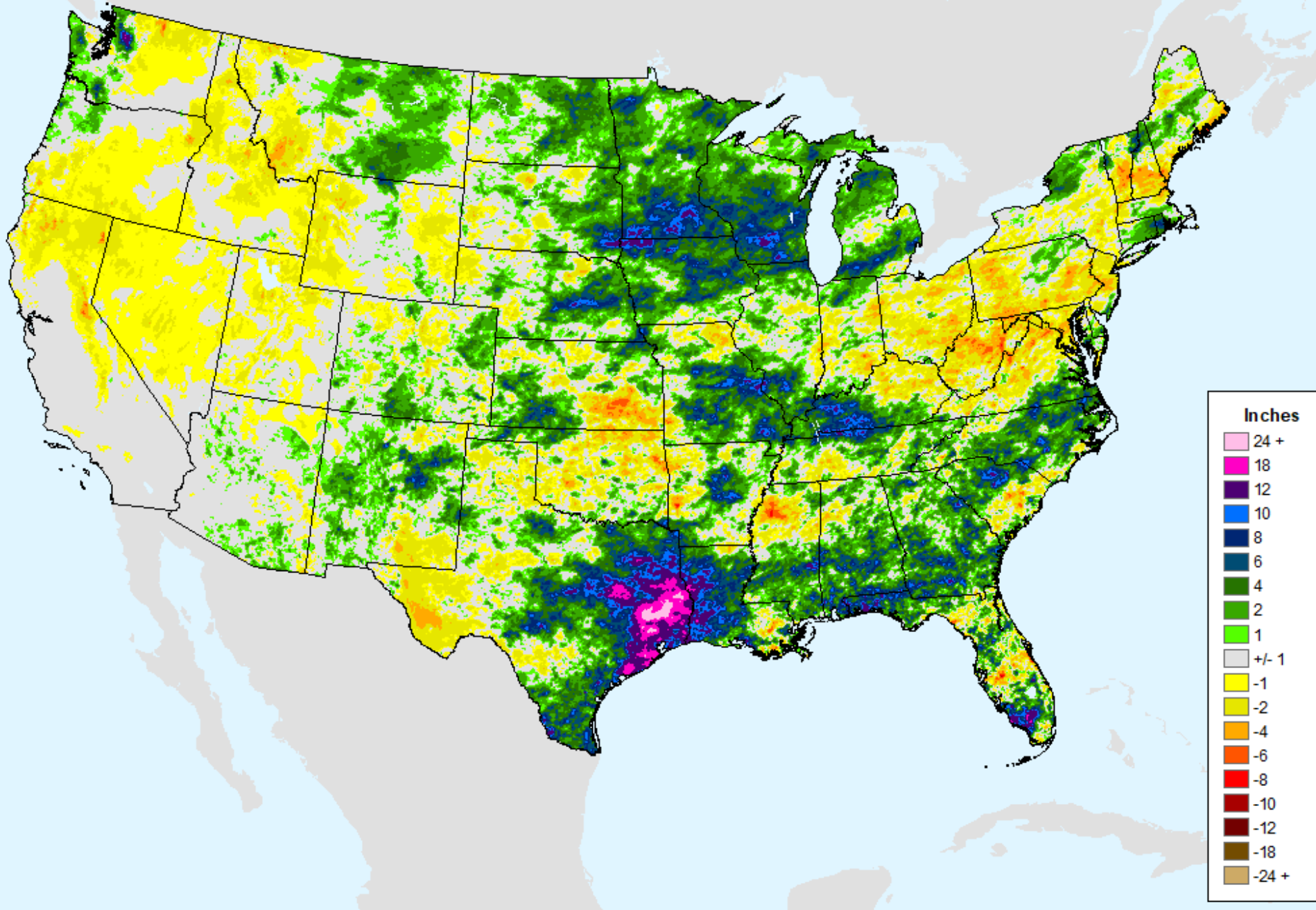
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

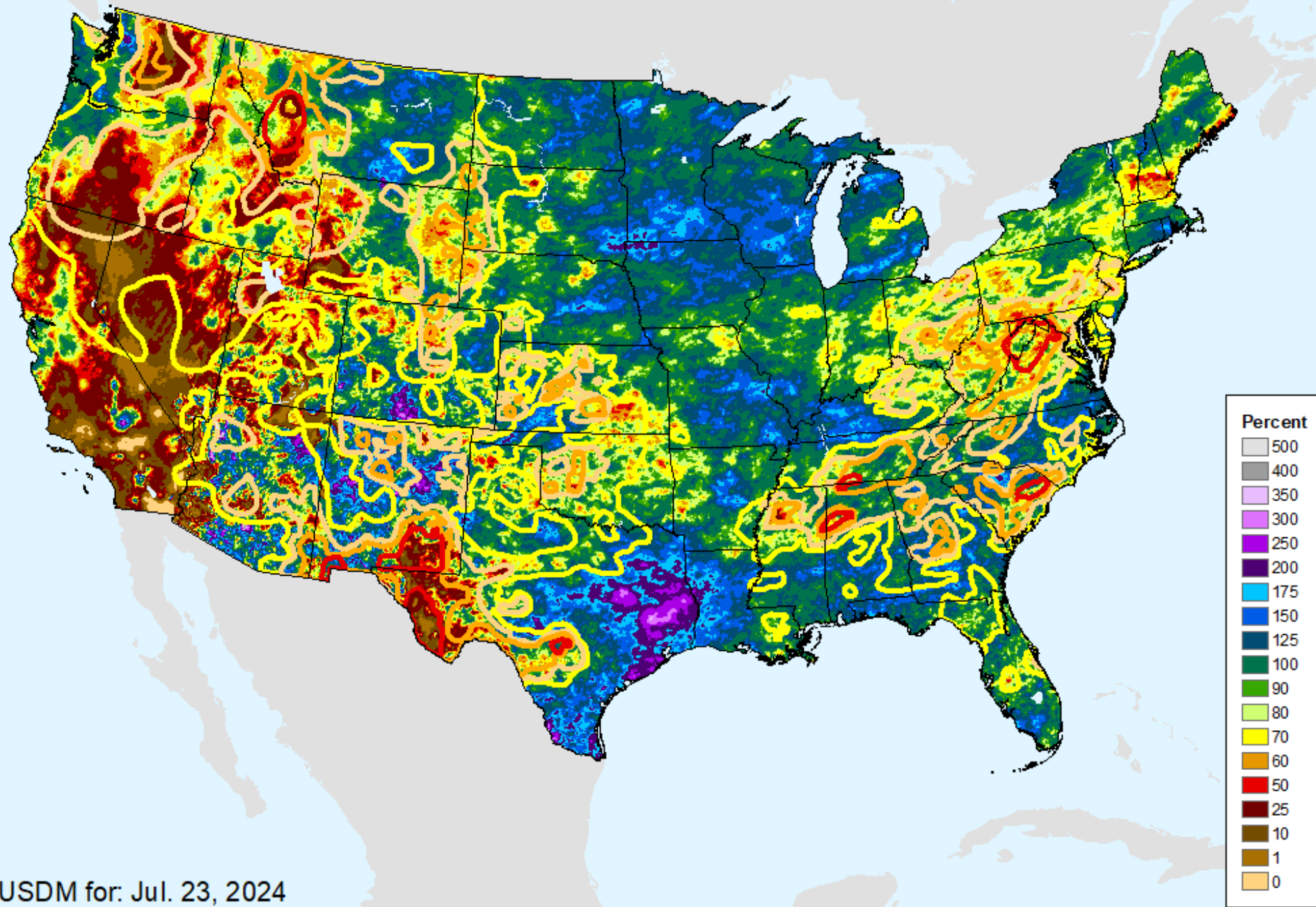
AHPS 90-Day Precip Departure

As of: Tuesday, July 30, 2024



AHPS 90-Day Pct of Normal Pcp

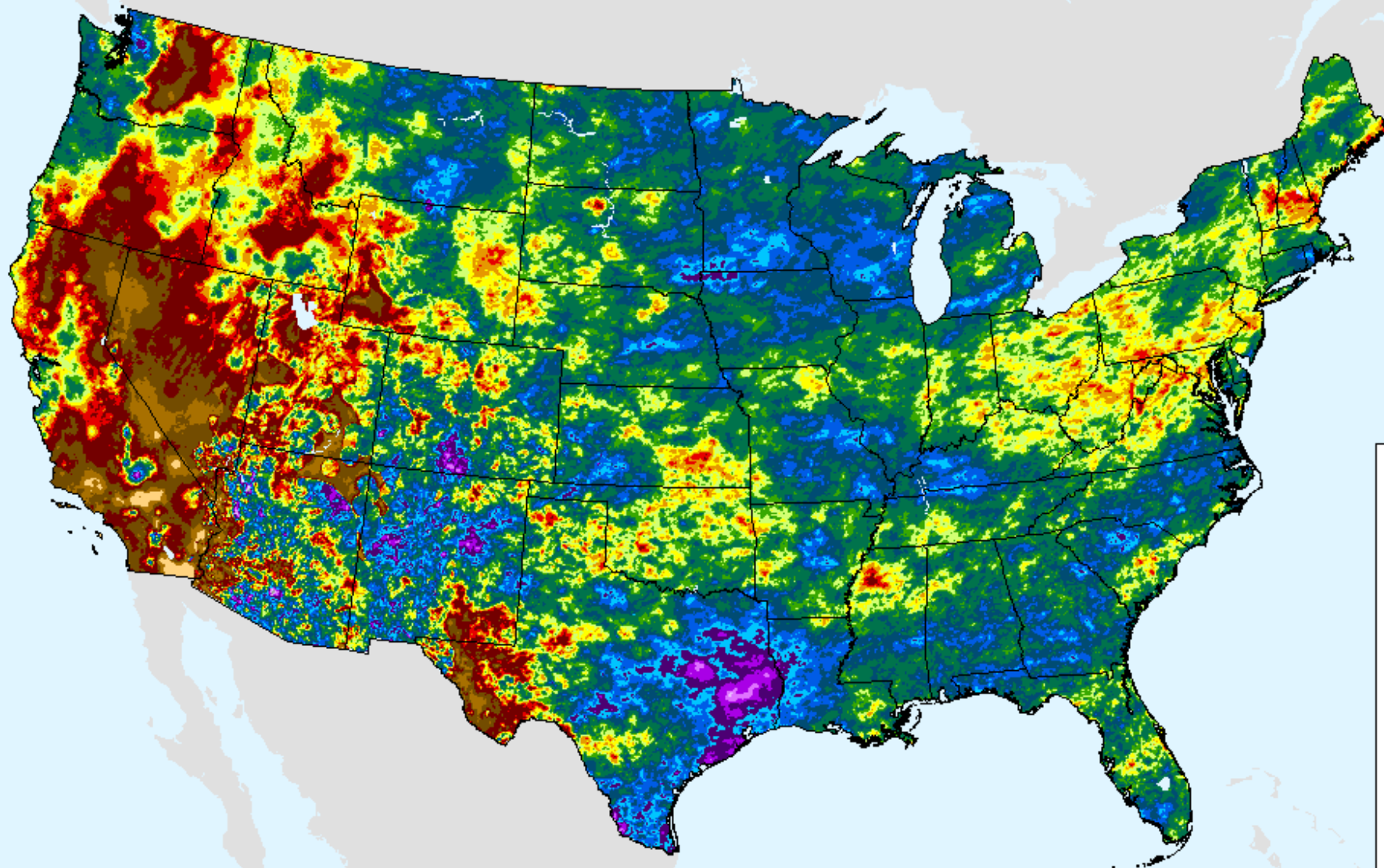
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, July 30, 2024

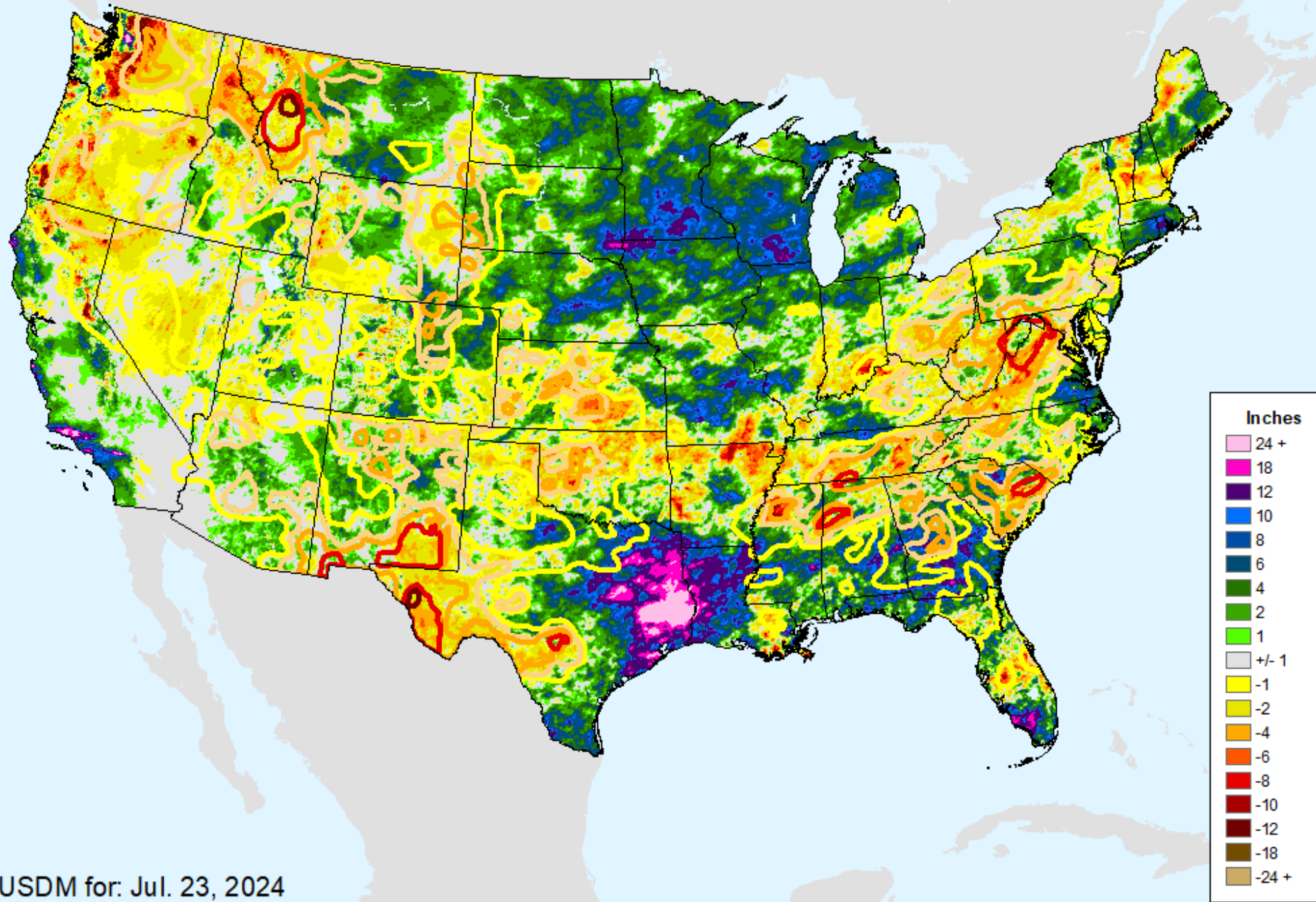


Percent

- 500
- 400
- 350
- 300
- 250
- 200
- 175
- 150
- 125
- 100
- 90
- 80
- 70
- 60
- 50
- 25
- 10
- 1
- 0

AHPS 180-Day Precip Departure

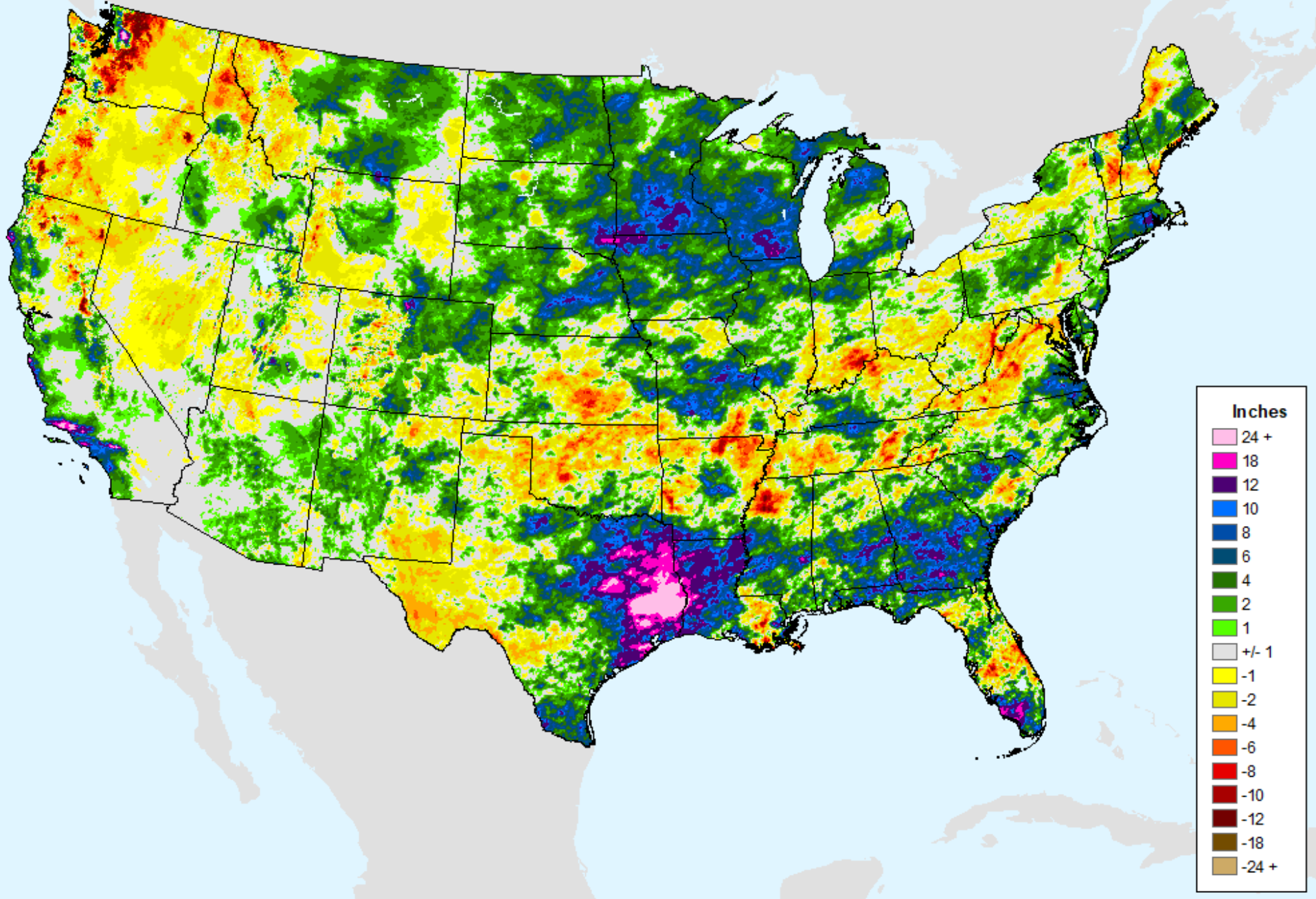
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

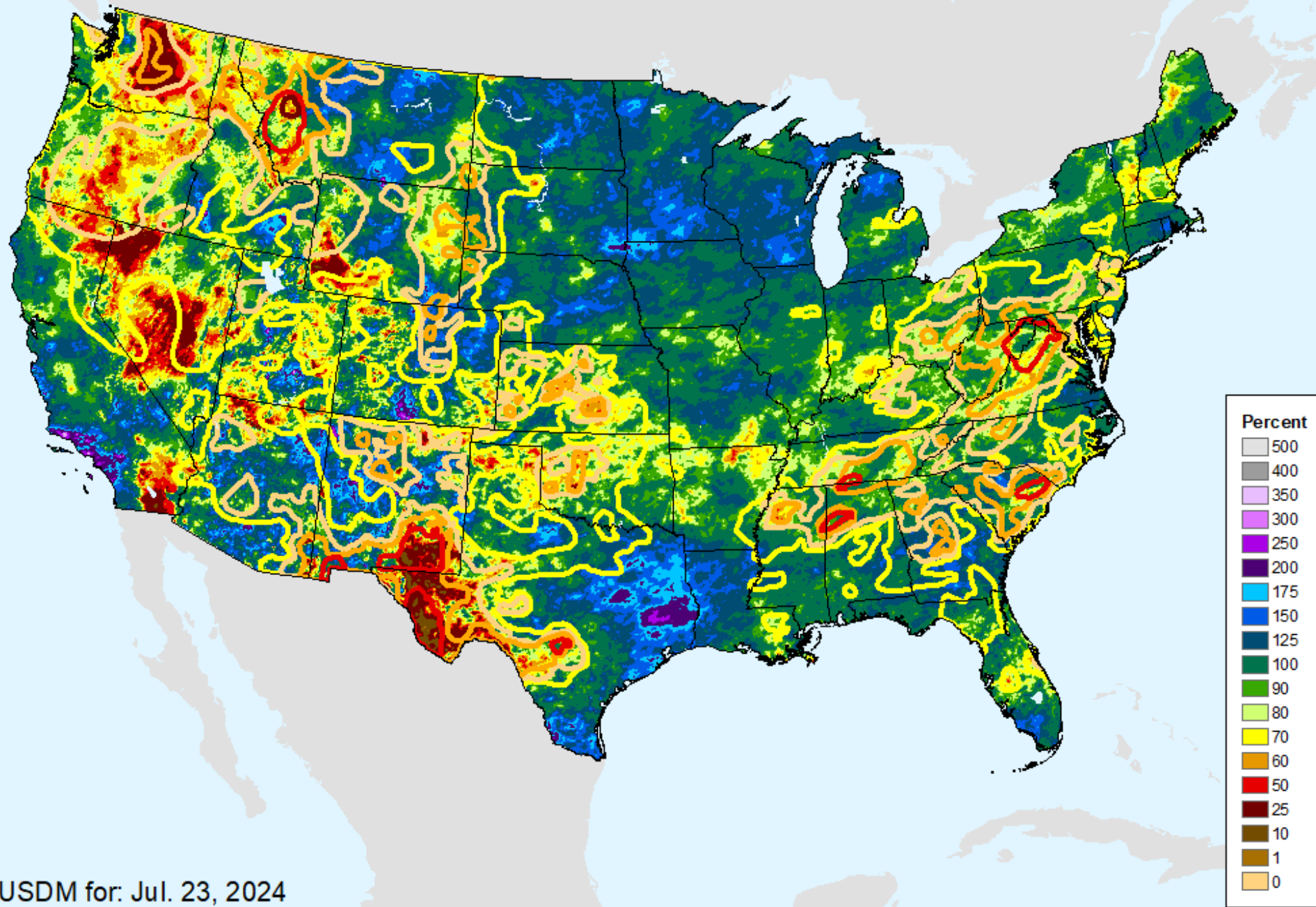
AHPS 180-Day Precip Departure

As of: Tuesday, July 30, 2024



AHPS 180-Day Pct of Normal Pcp

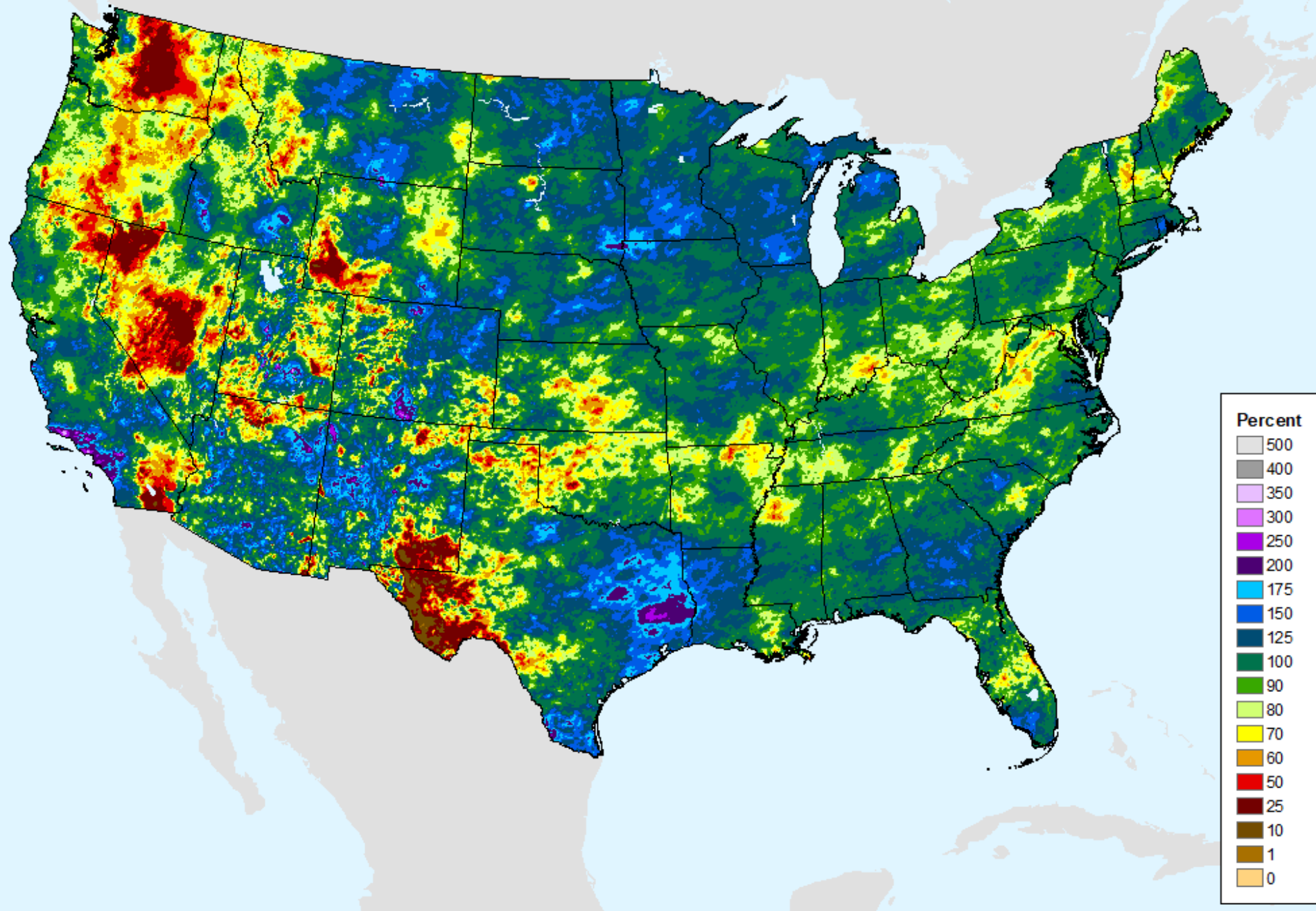
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

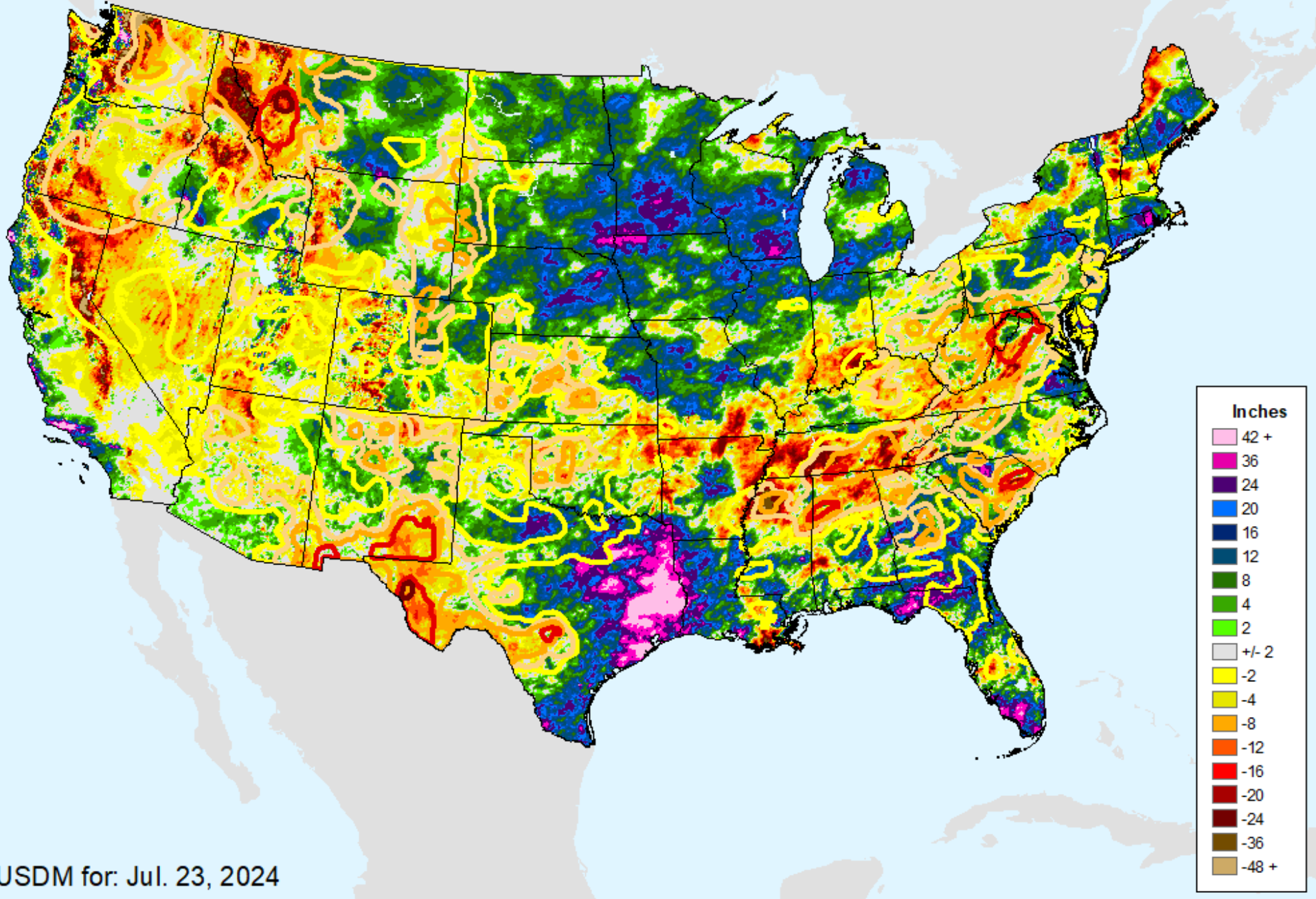
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, July 30, 2024



AHPS Water-Year Precip Departure

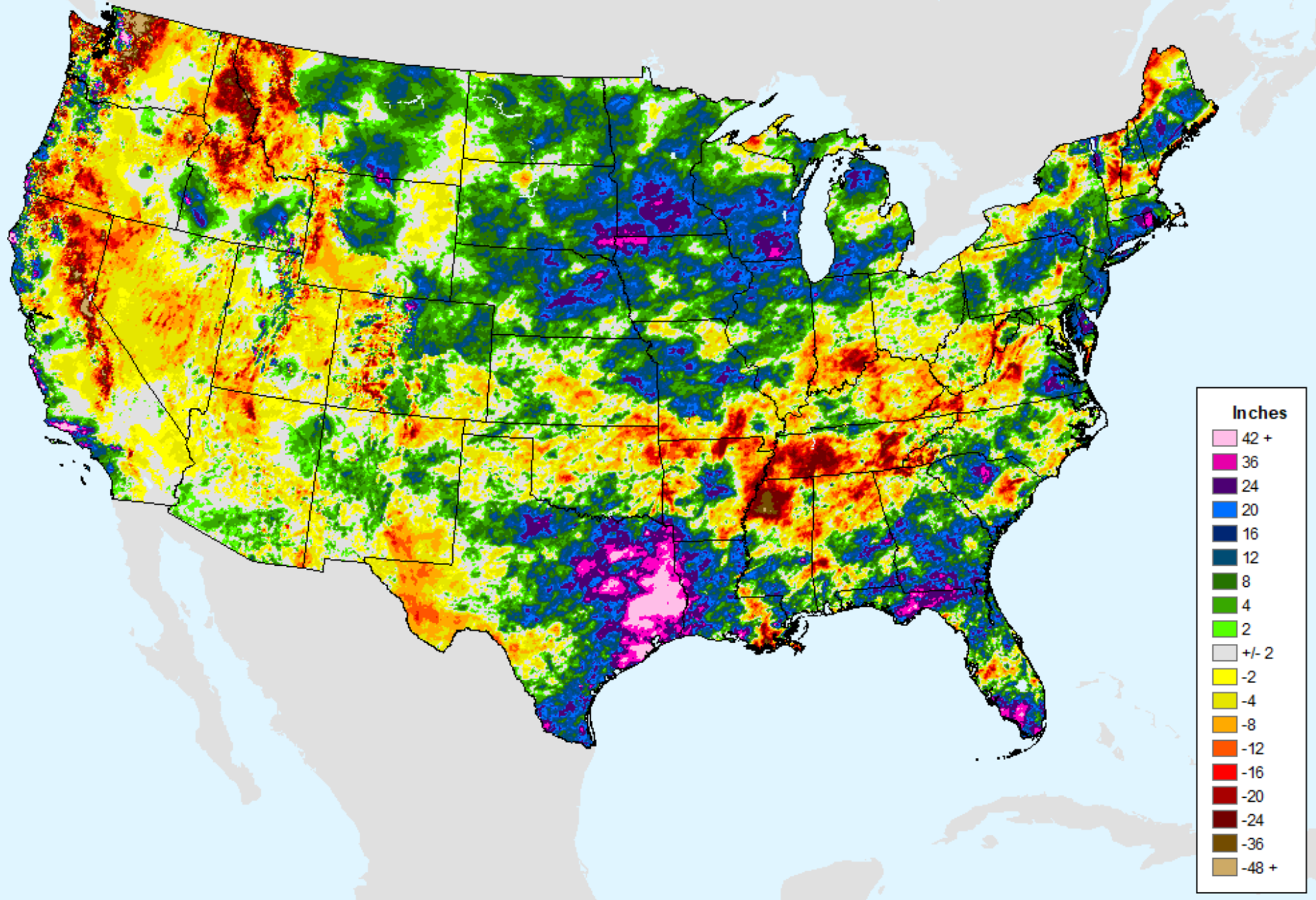
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

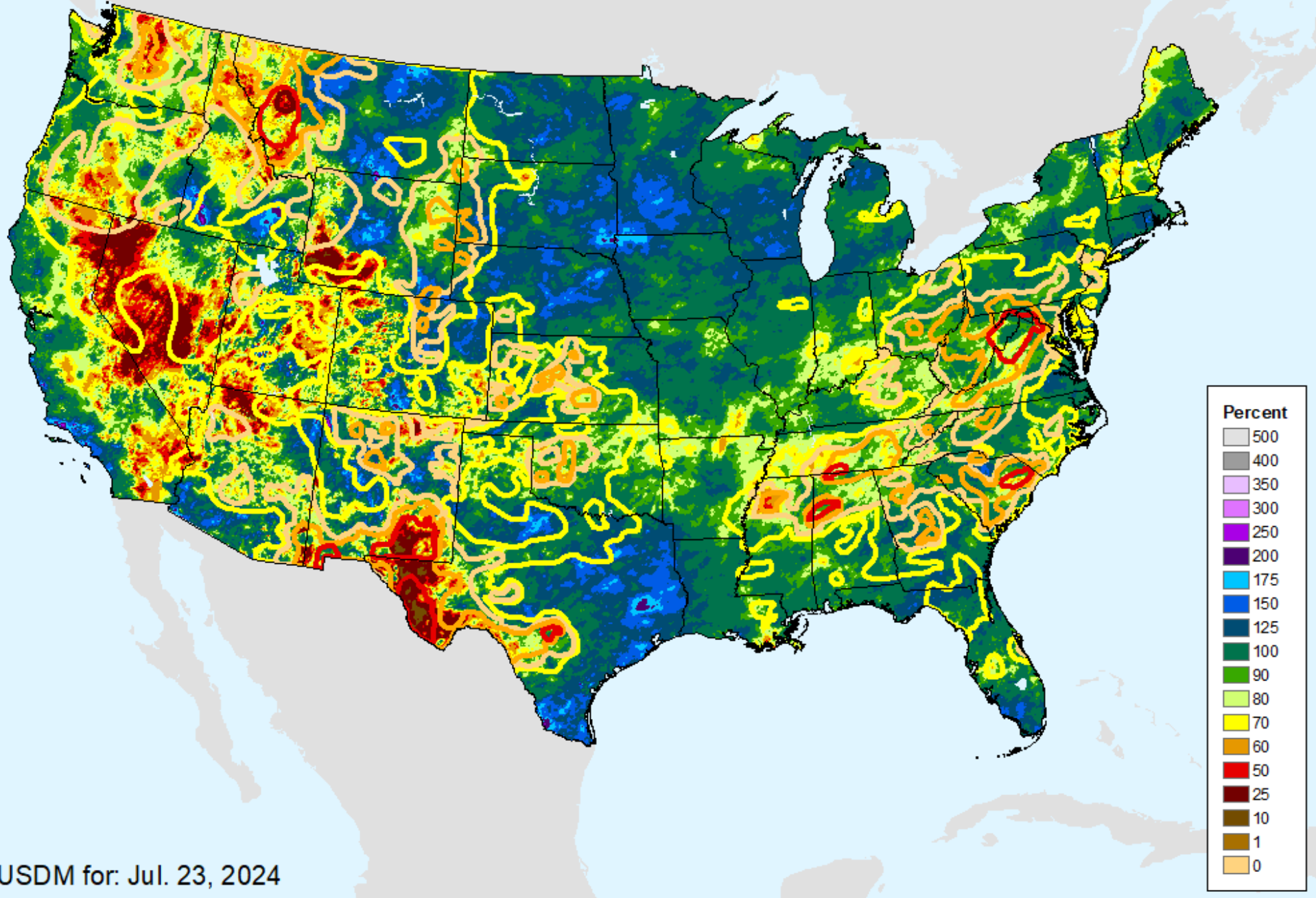
AHPS Water-Year Precip Departure

As of: Tuesday, July 30, 2024



AHPS Water-Year Pct of Normal Pcp

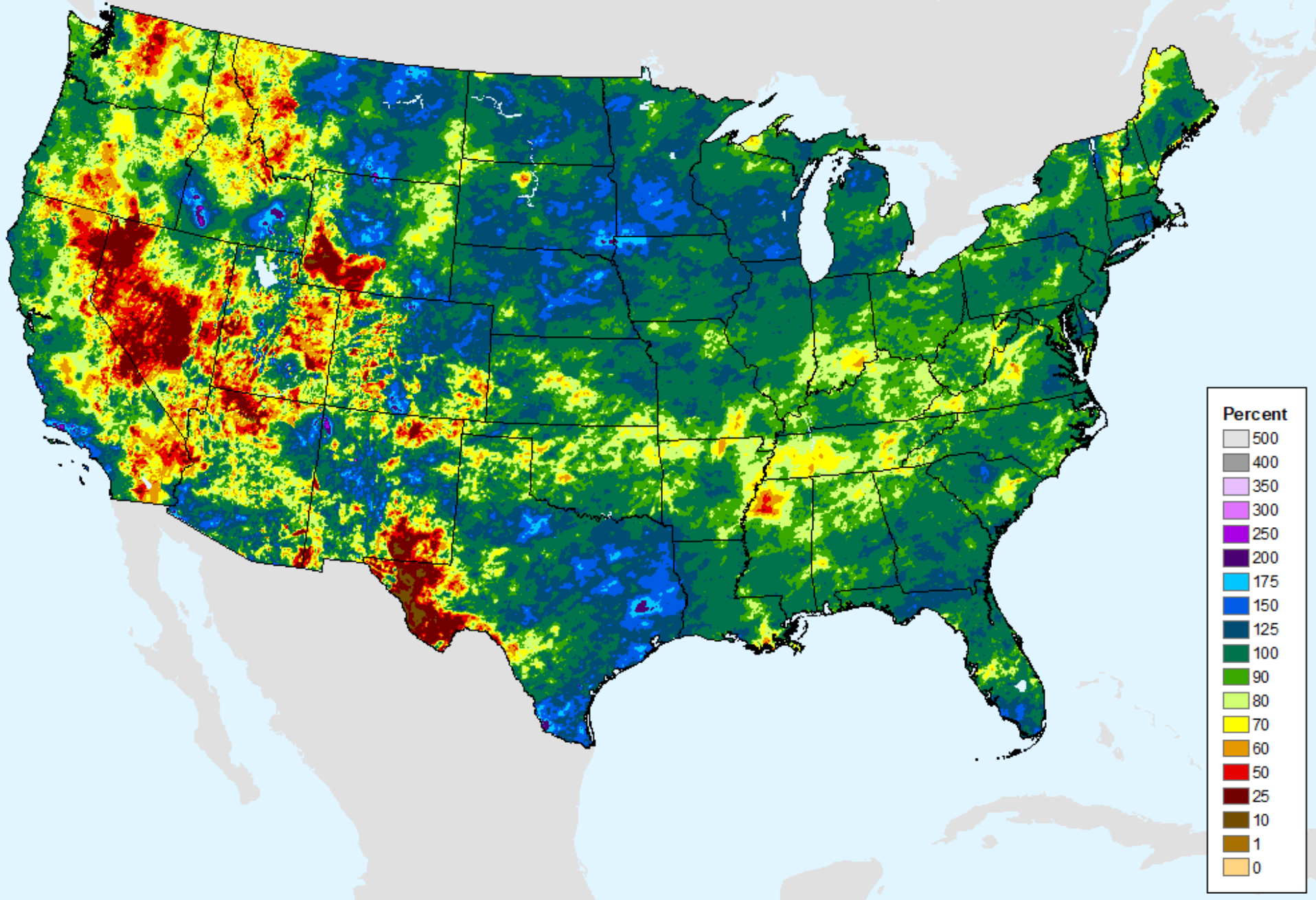
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

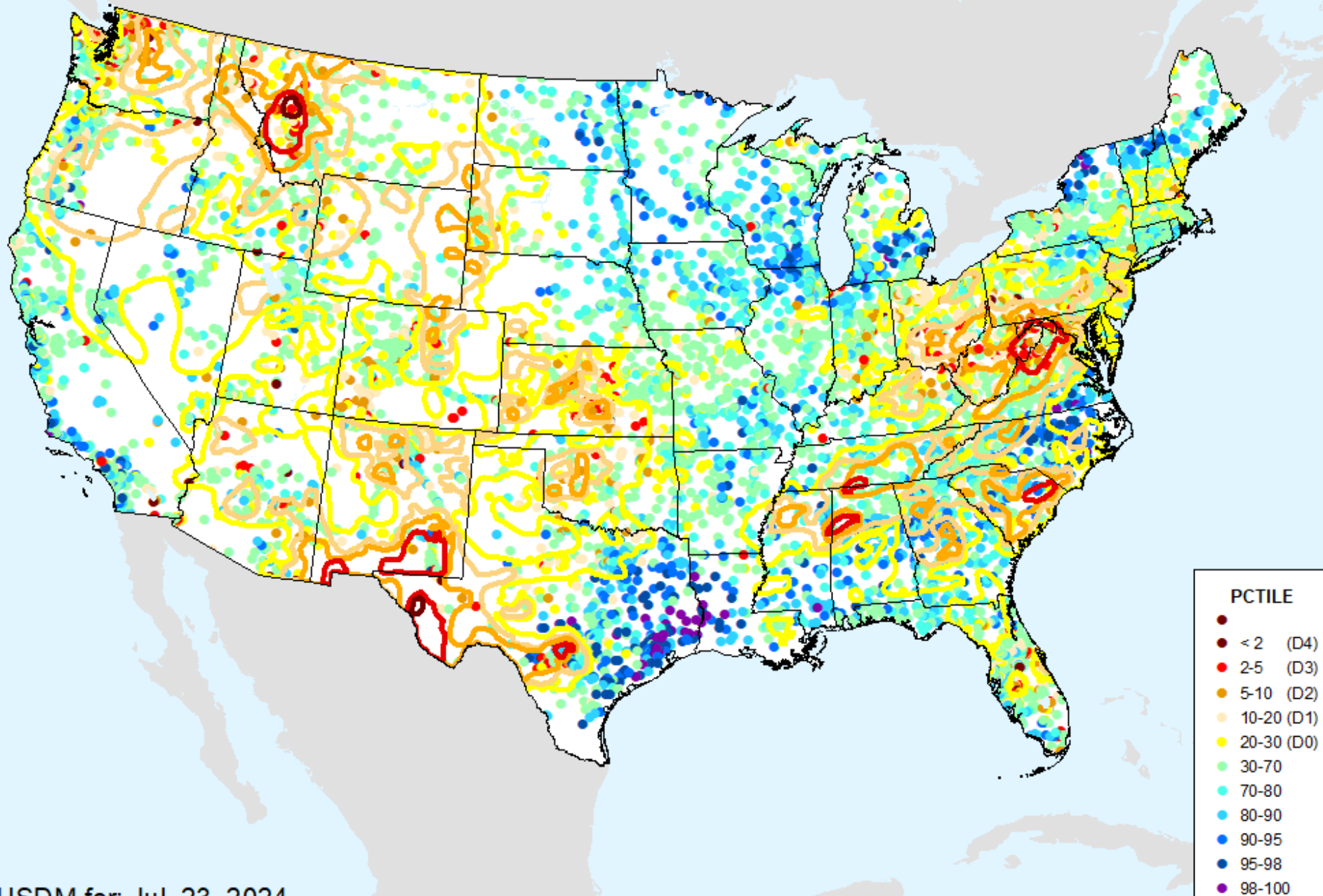
AHPS Water-Year Pct of Normal Pcp

As of: Tuesday, July 30, 2024



USGS 7-Day Avg Streamflow

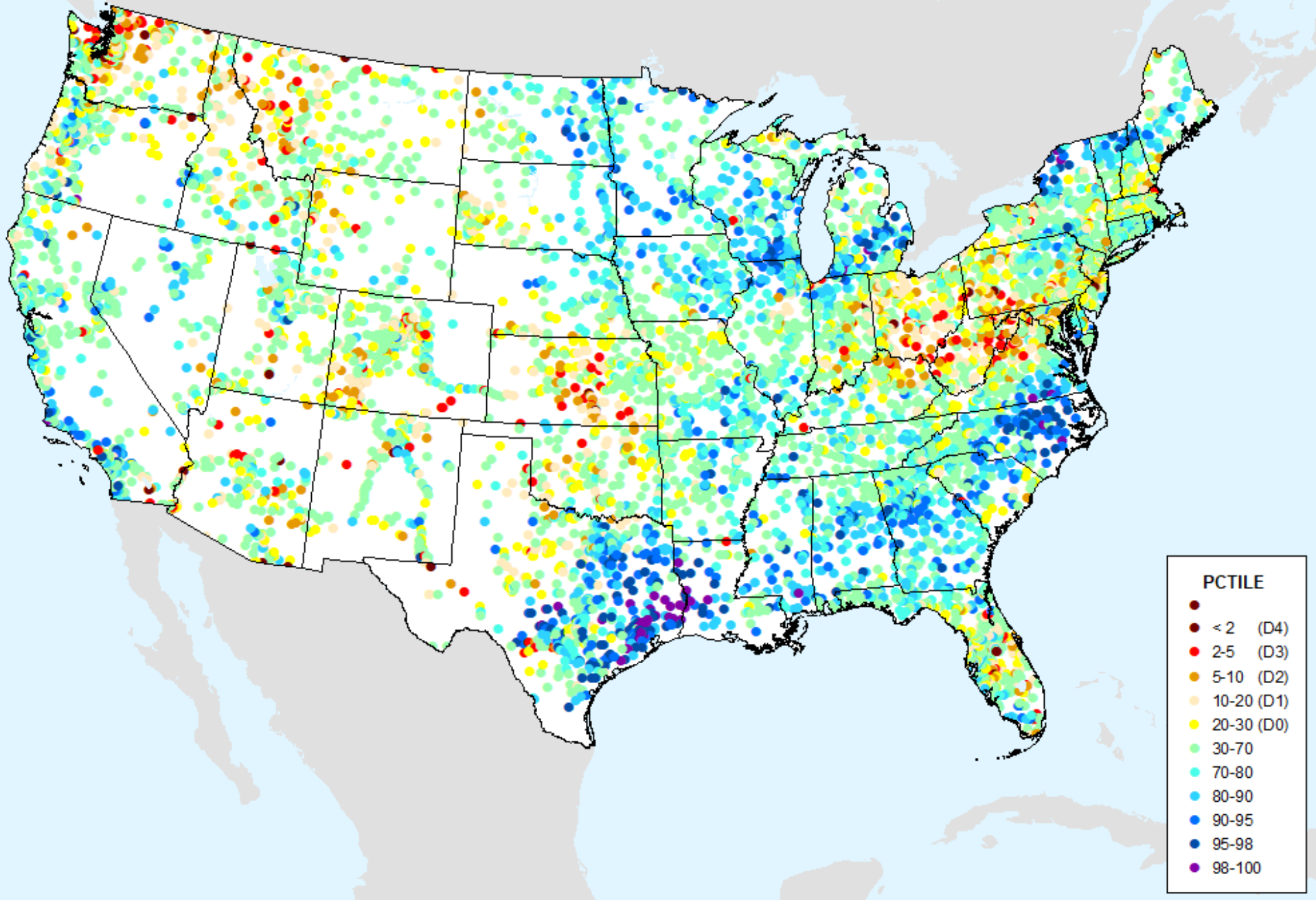
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

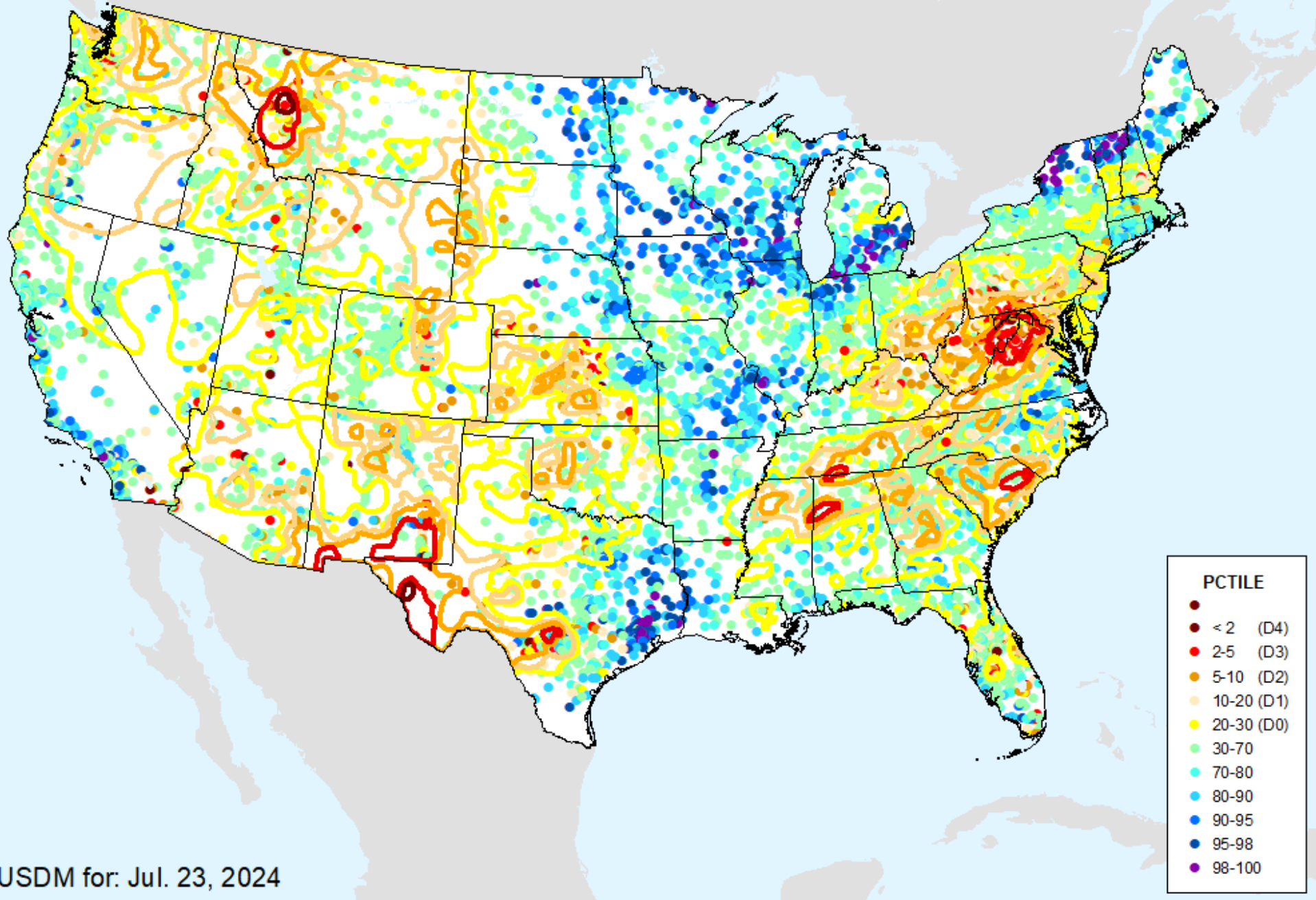
USGS 7-Day Avg Streamflow

As of: Tuesday, July 30, 2024



USGS 28-Day Avg Streamflow

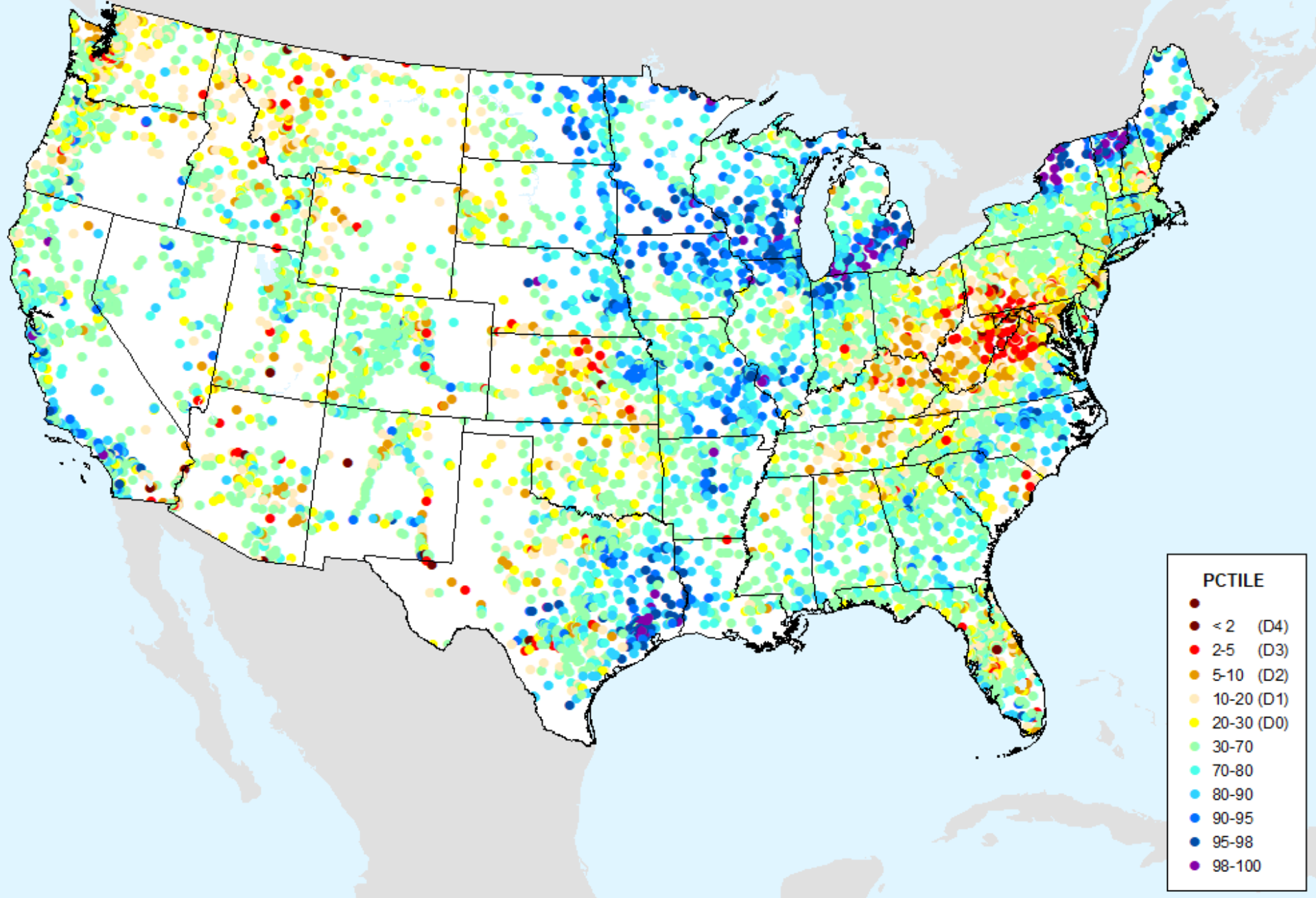
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

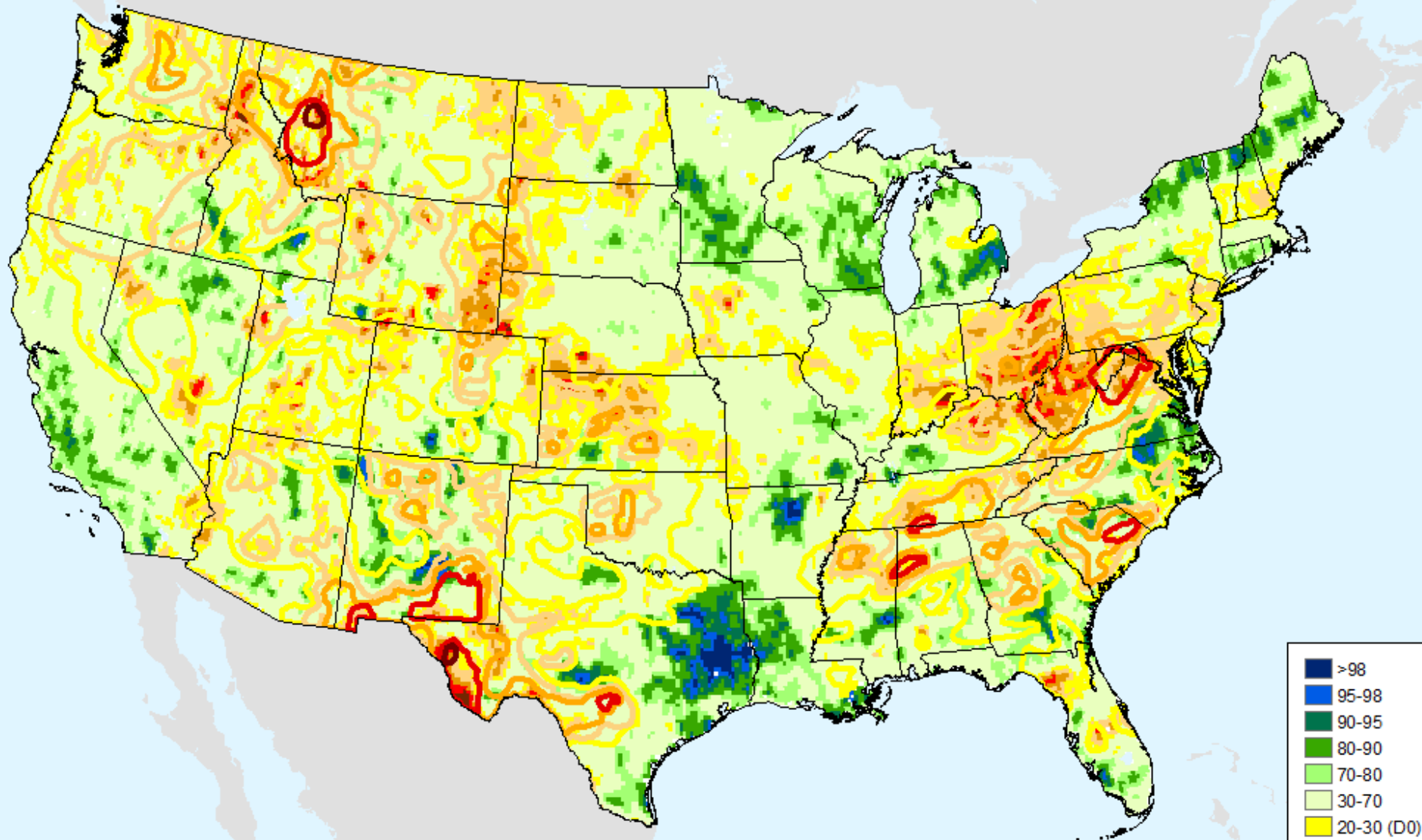
USGS 28-Day Avg Streamflow

As of: Tuesday, July 30, 2024



NLDAS-2 Ensemble Soil Moisture

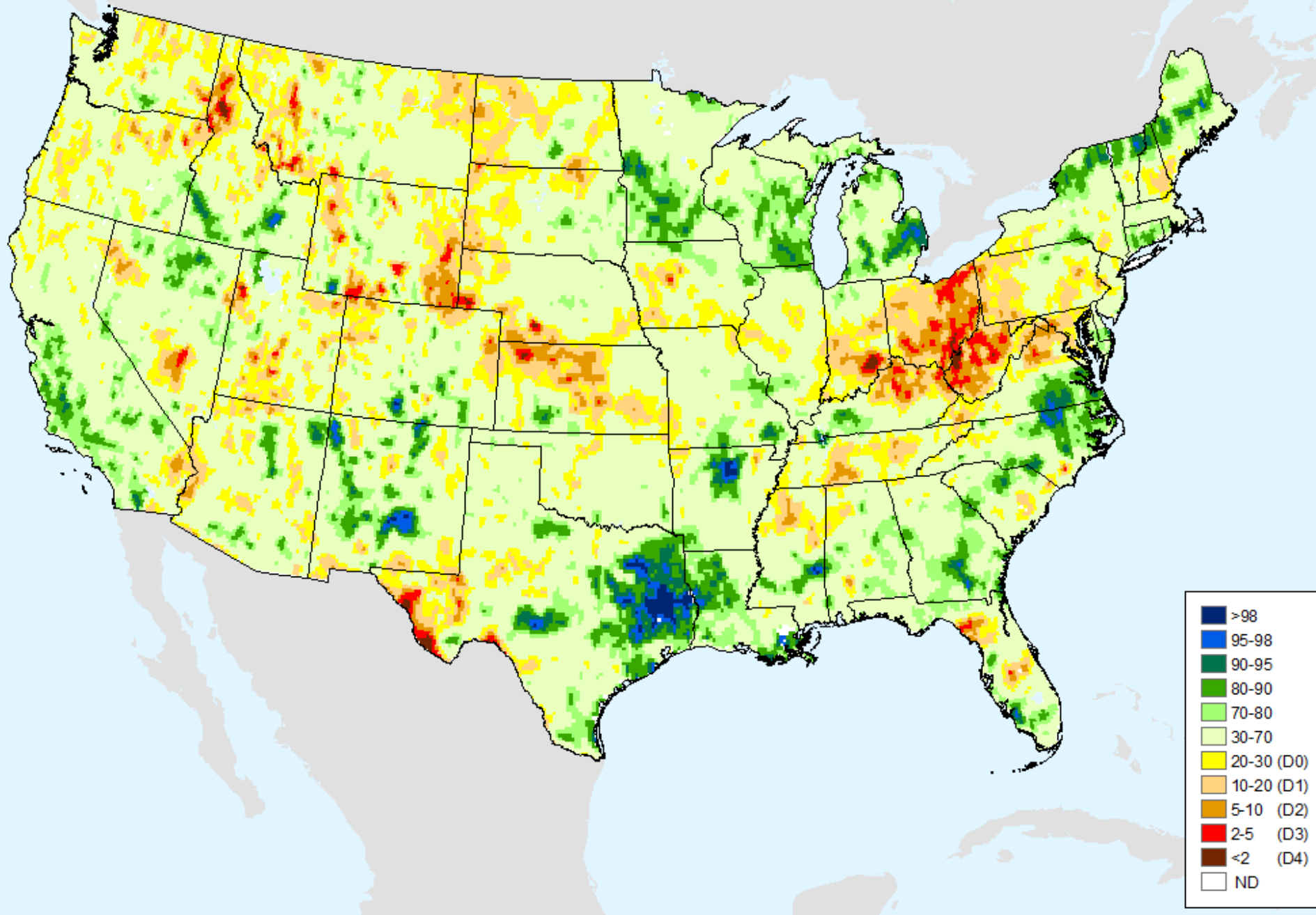
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

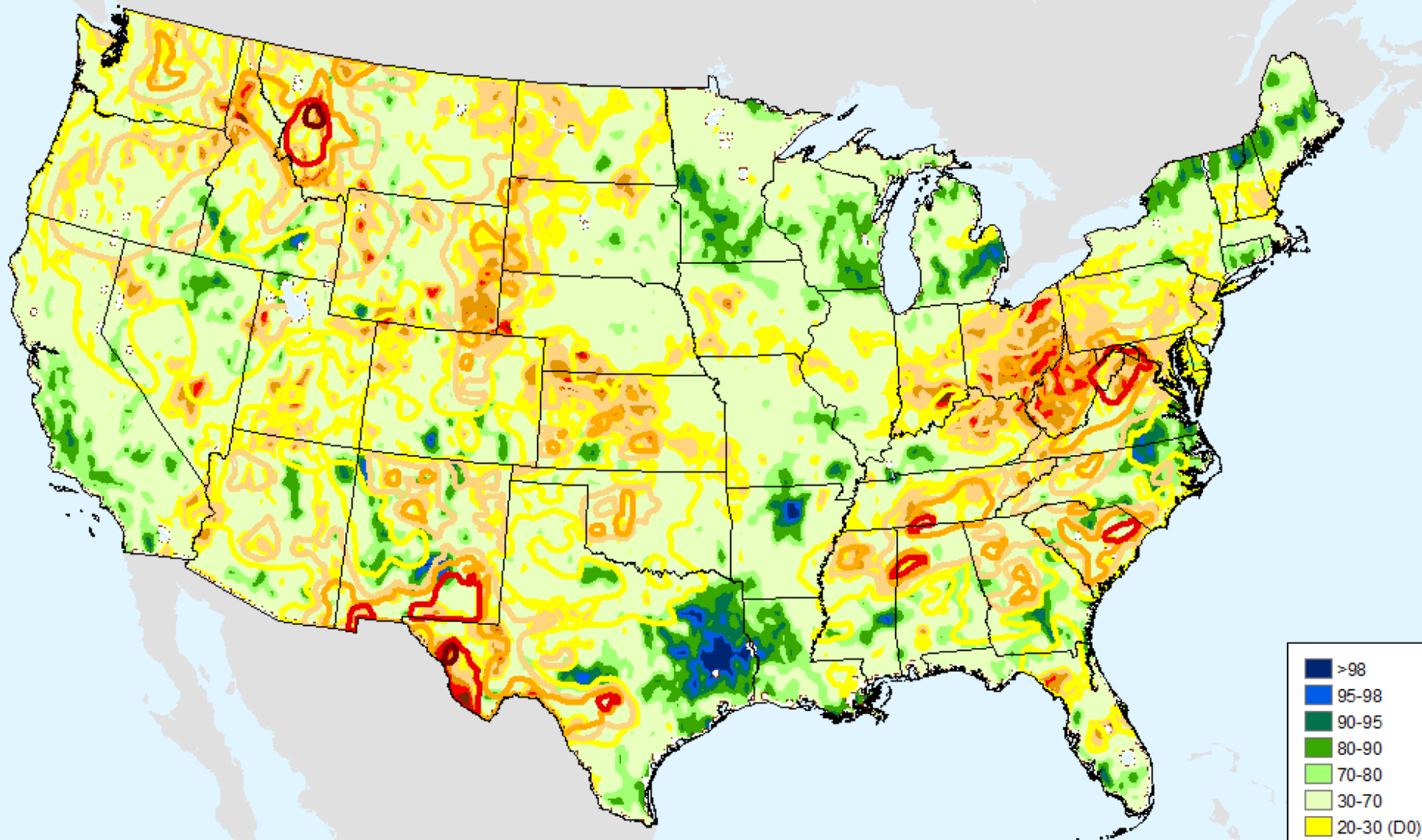
NLDAS-2 Ensemble Soil Moisture

As of: Tuesday, July 30, 2024



NLDAS-2 Ensemble Soil Moisture

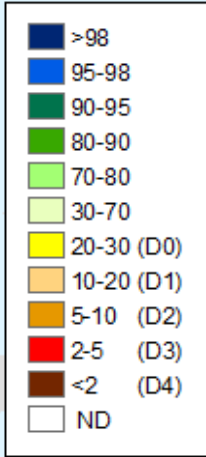
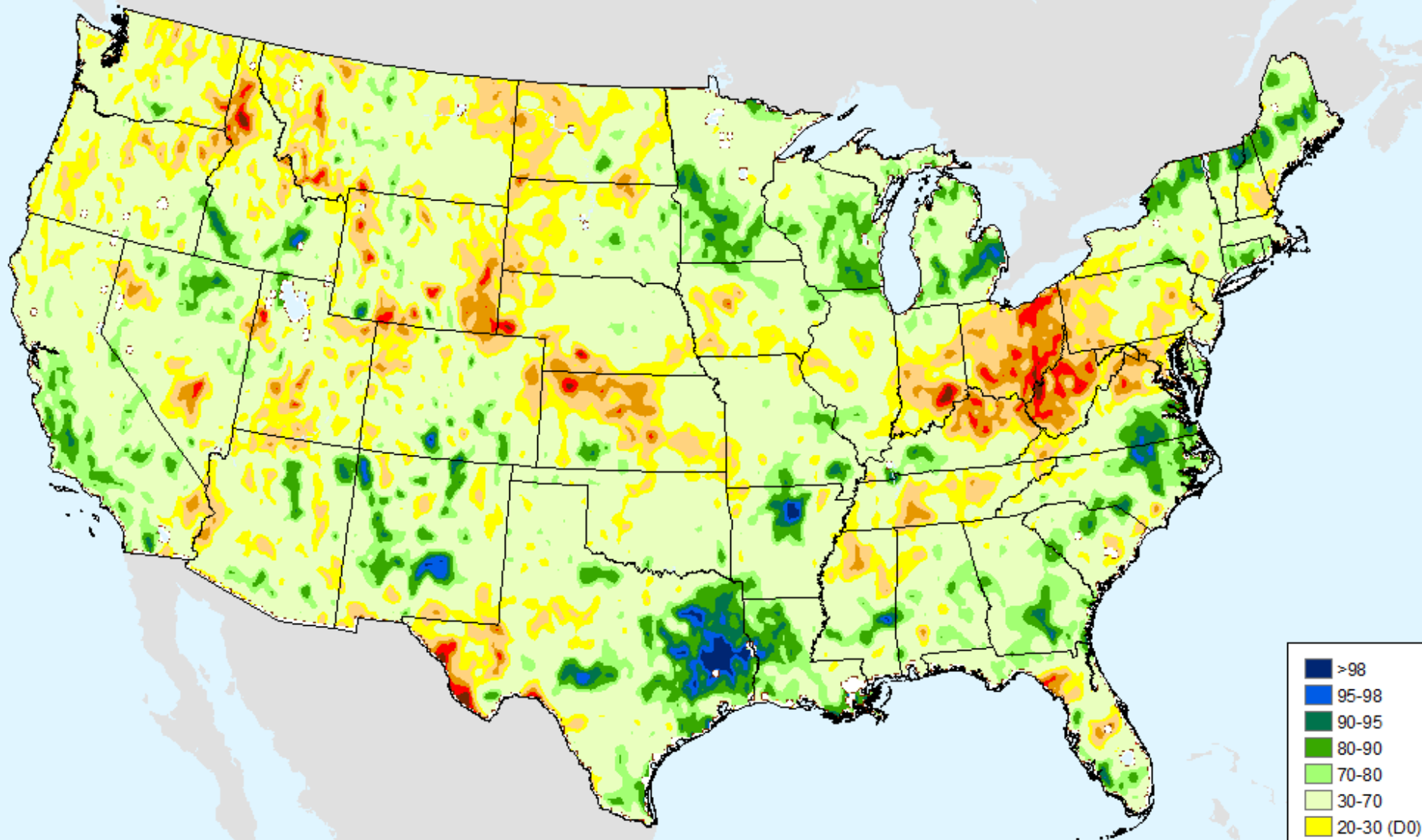
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

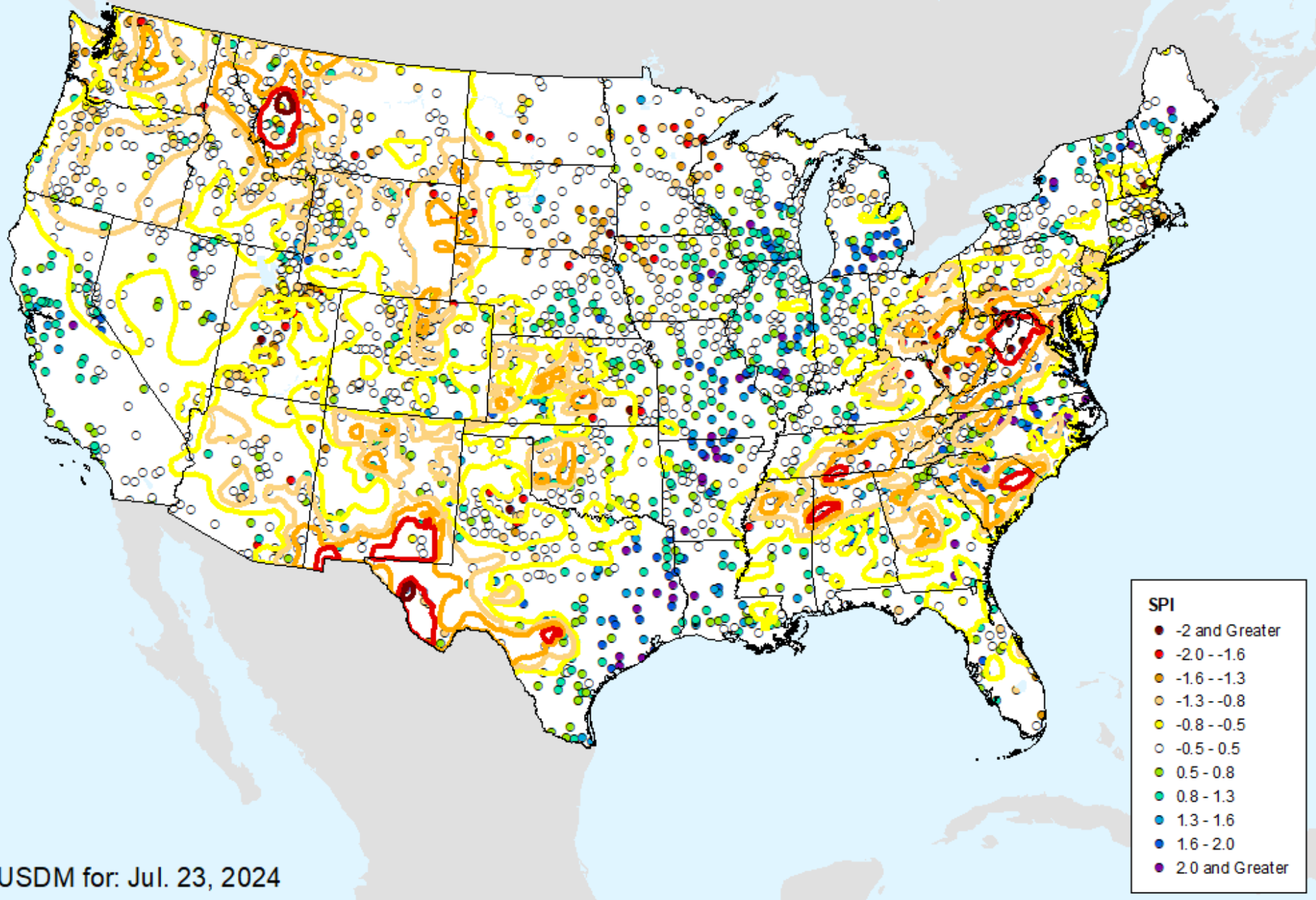
NLDAS-2 Ensemble Soil Moisture

As of: Tuesday, July 30, 2024



HPRCC 1-month SPI

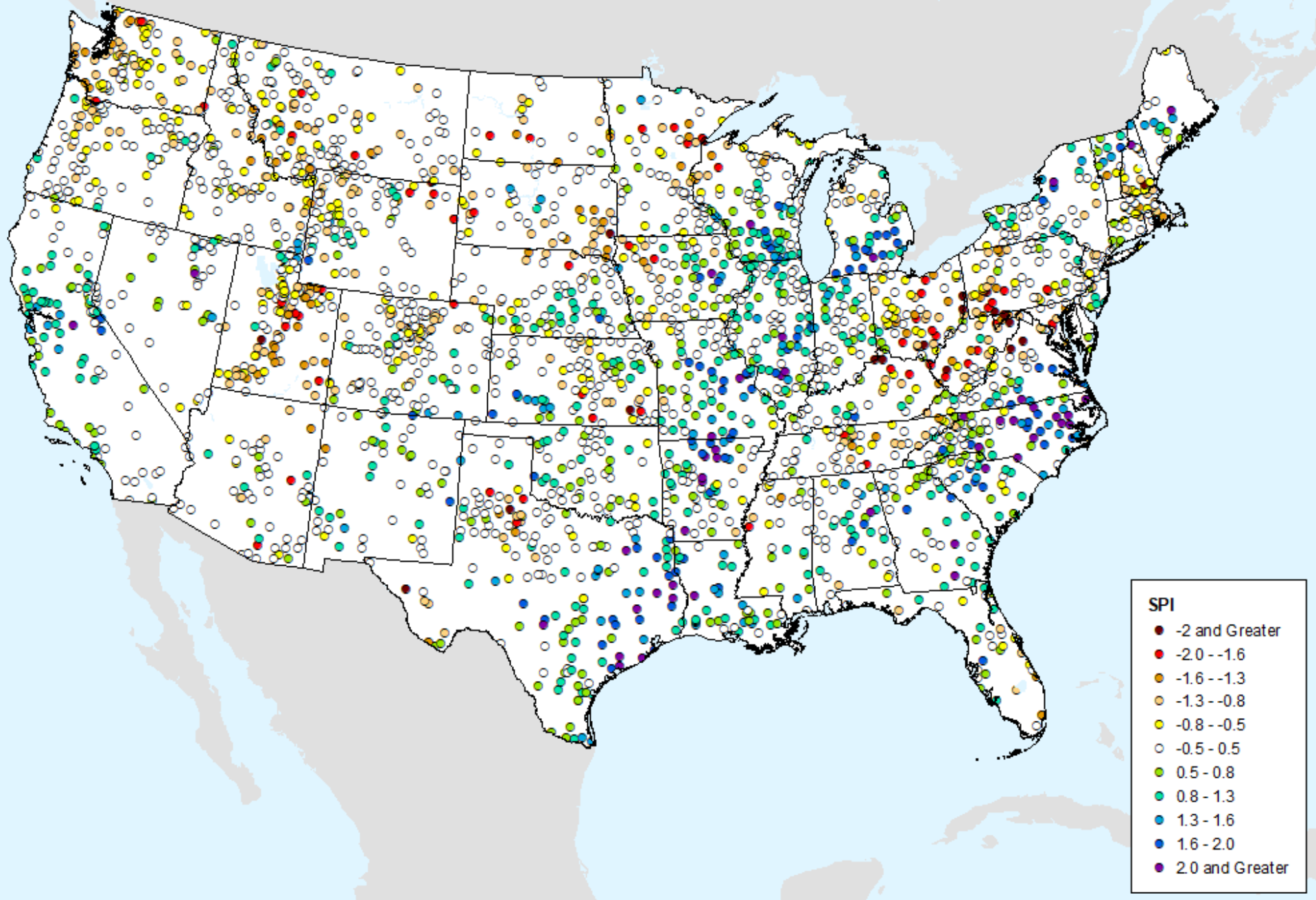
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

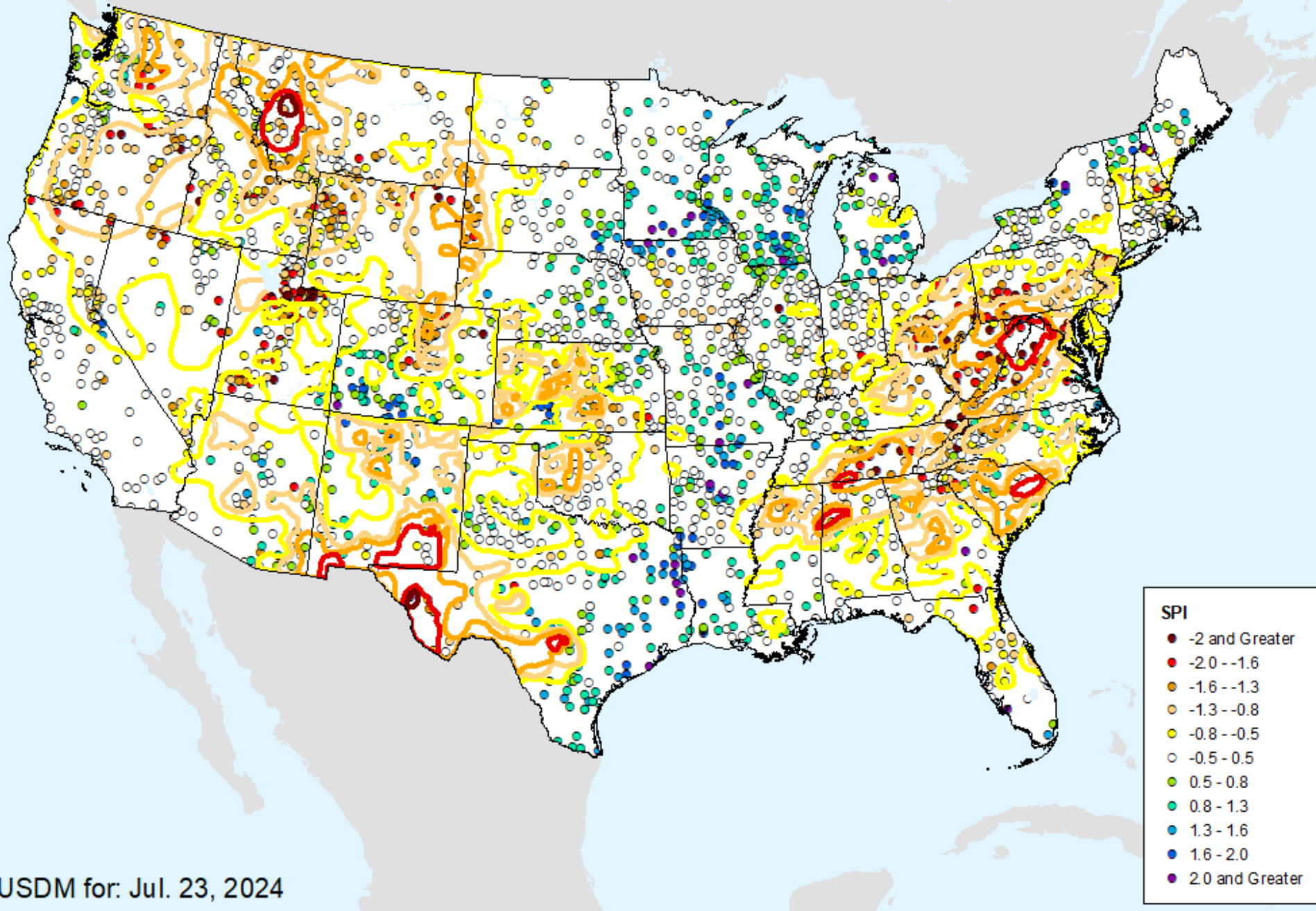
HPRCC 1-month SPI

As of: Tuesday, July 30, 2024



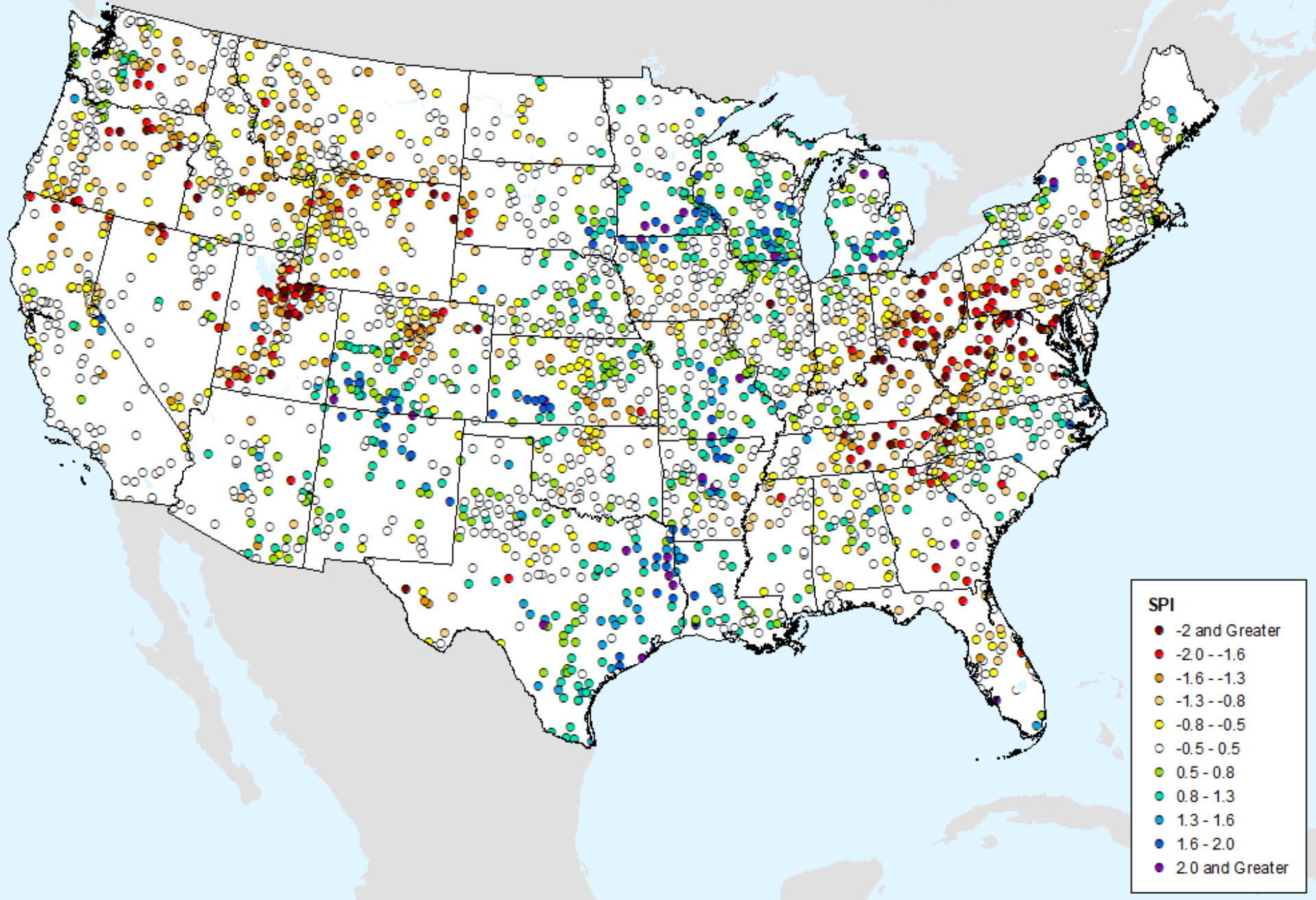
HPRCC 2-month SPI

As of: Tuesday, July 30, 2024



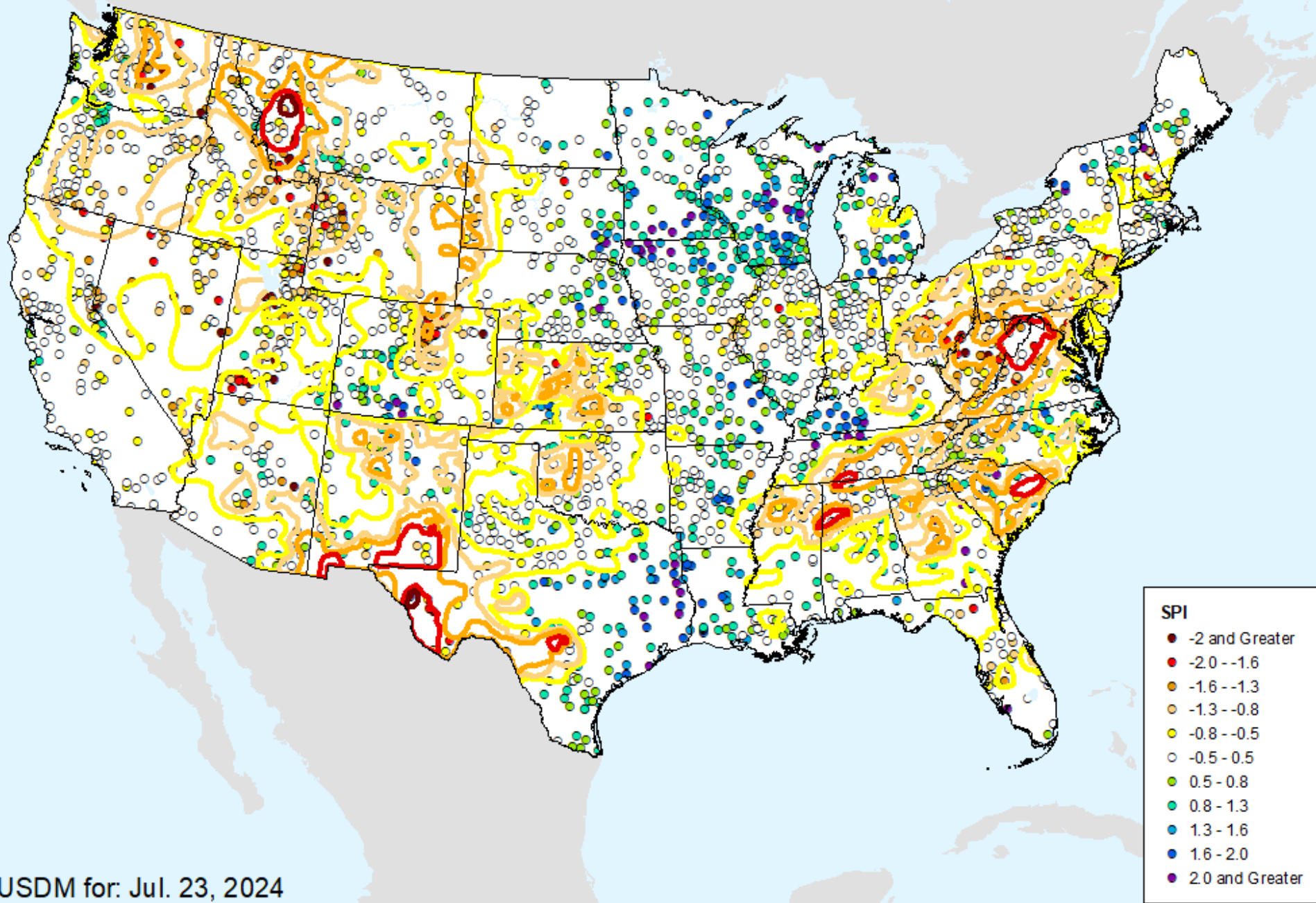
HPRCC 2-month SPI

As of: Tuesday, July 30, 2024



HPRCC 3-month SPI

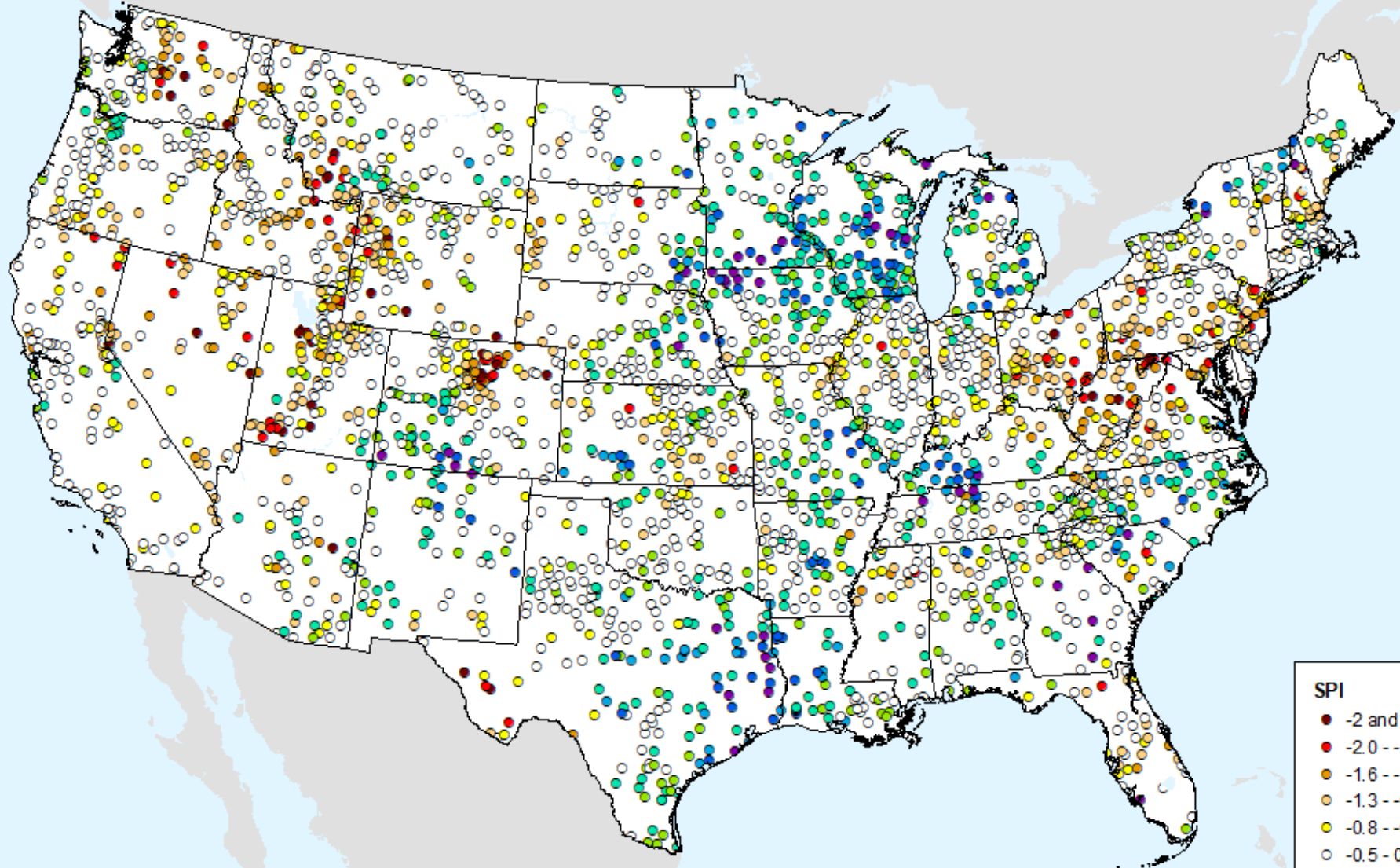
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

HPRCC 3-month SPI

As of: Tuesday, July 30, 2024

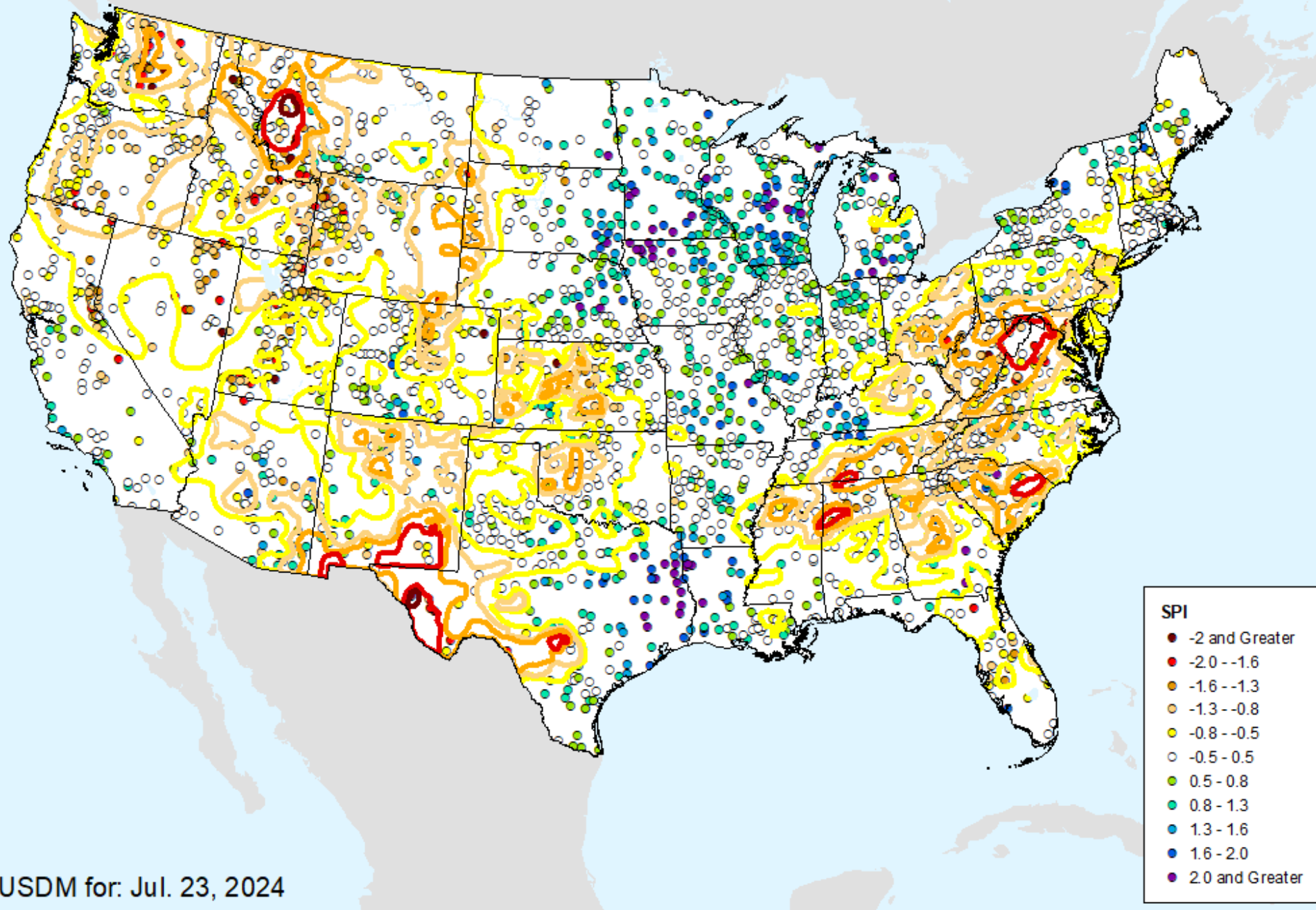


SPI

- -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

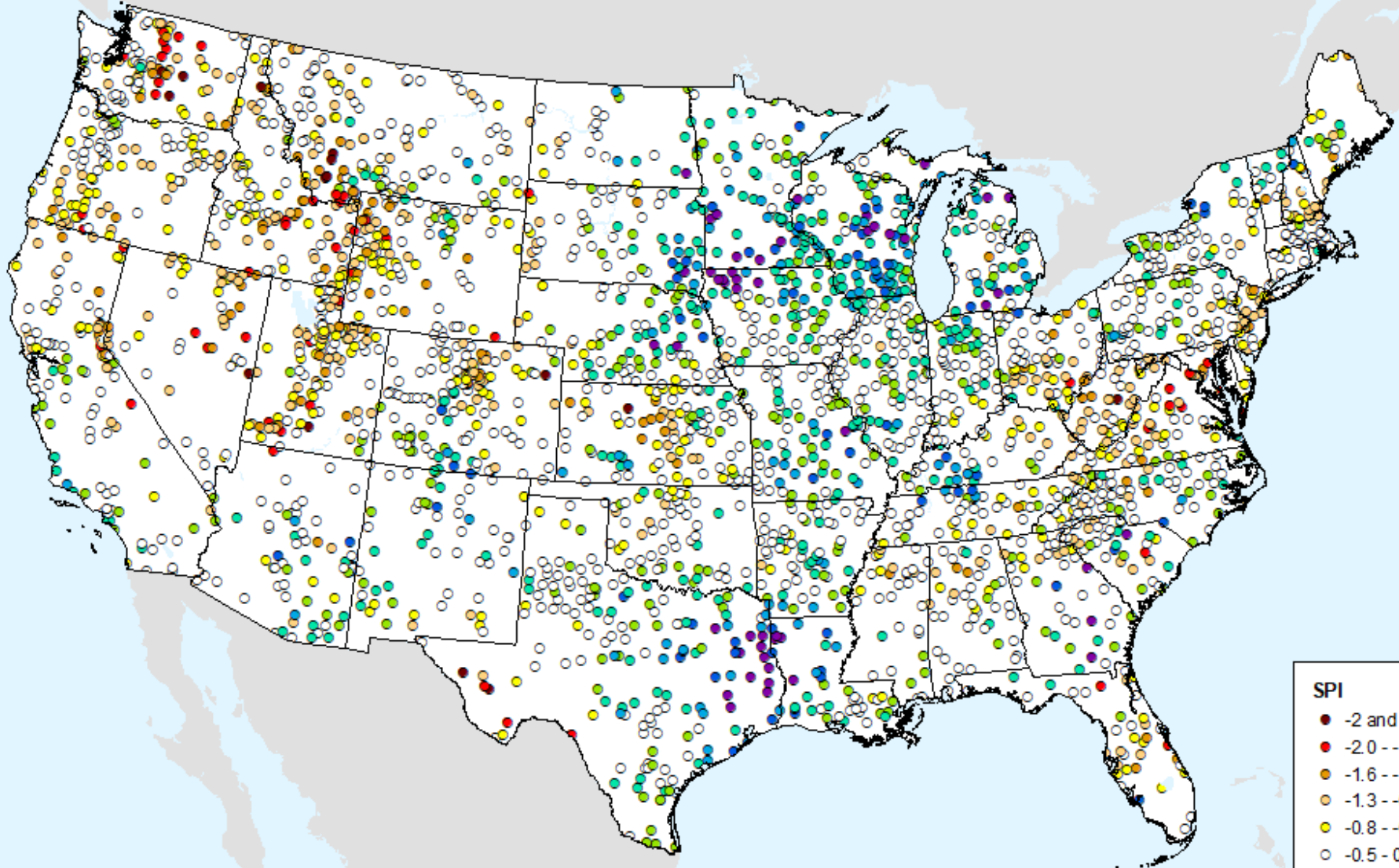
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

HPRCC 4-month SPI

As of: Tuesday, July 30, 2024

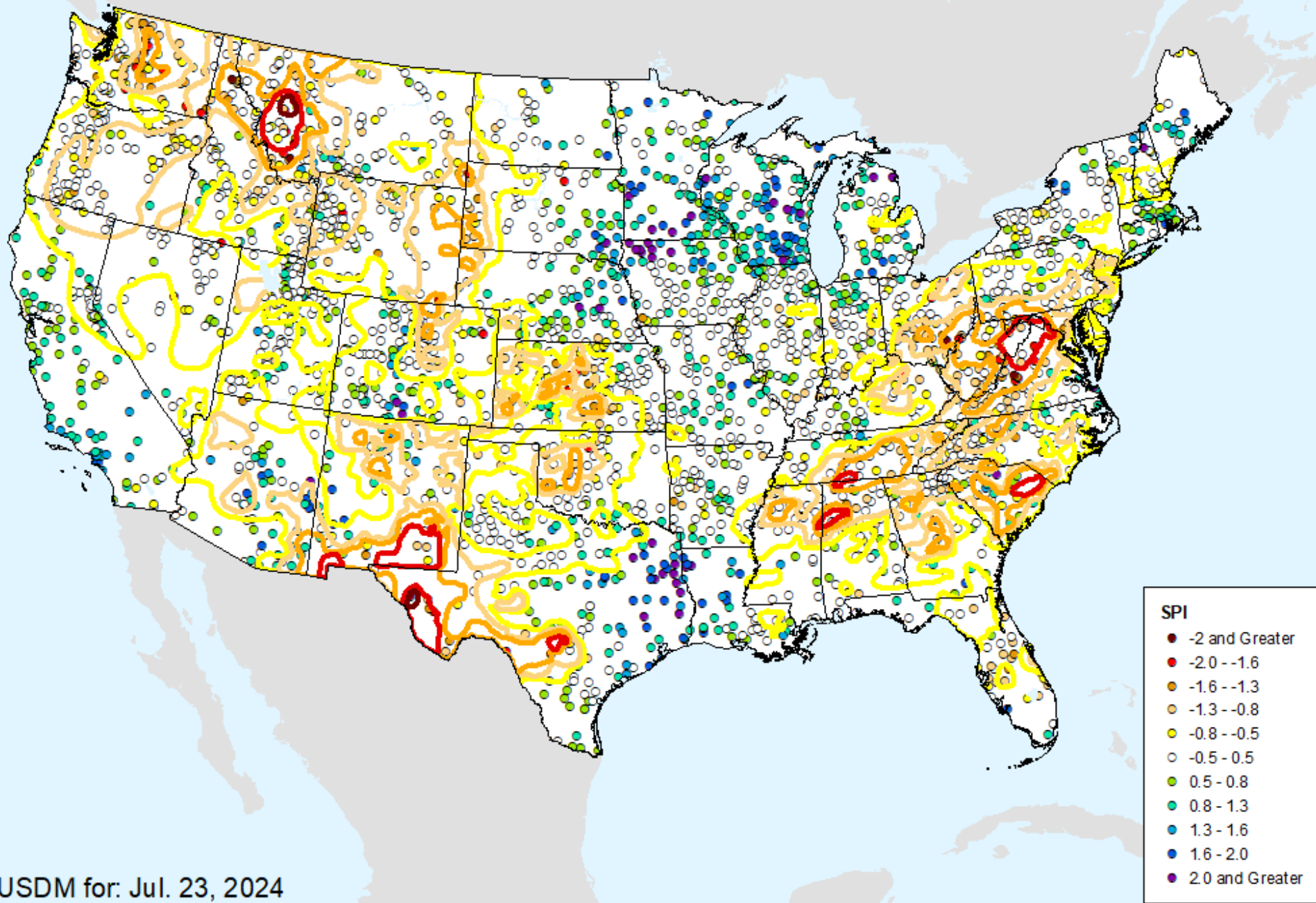


SPI

- -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

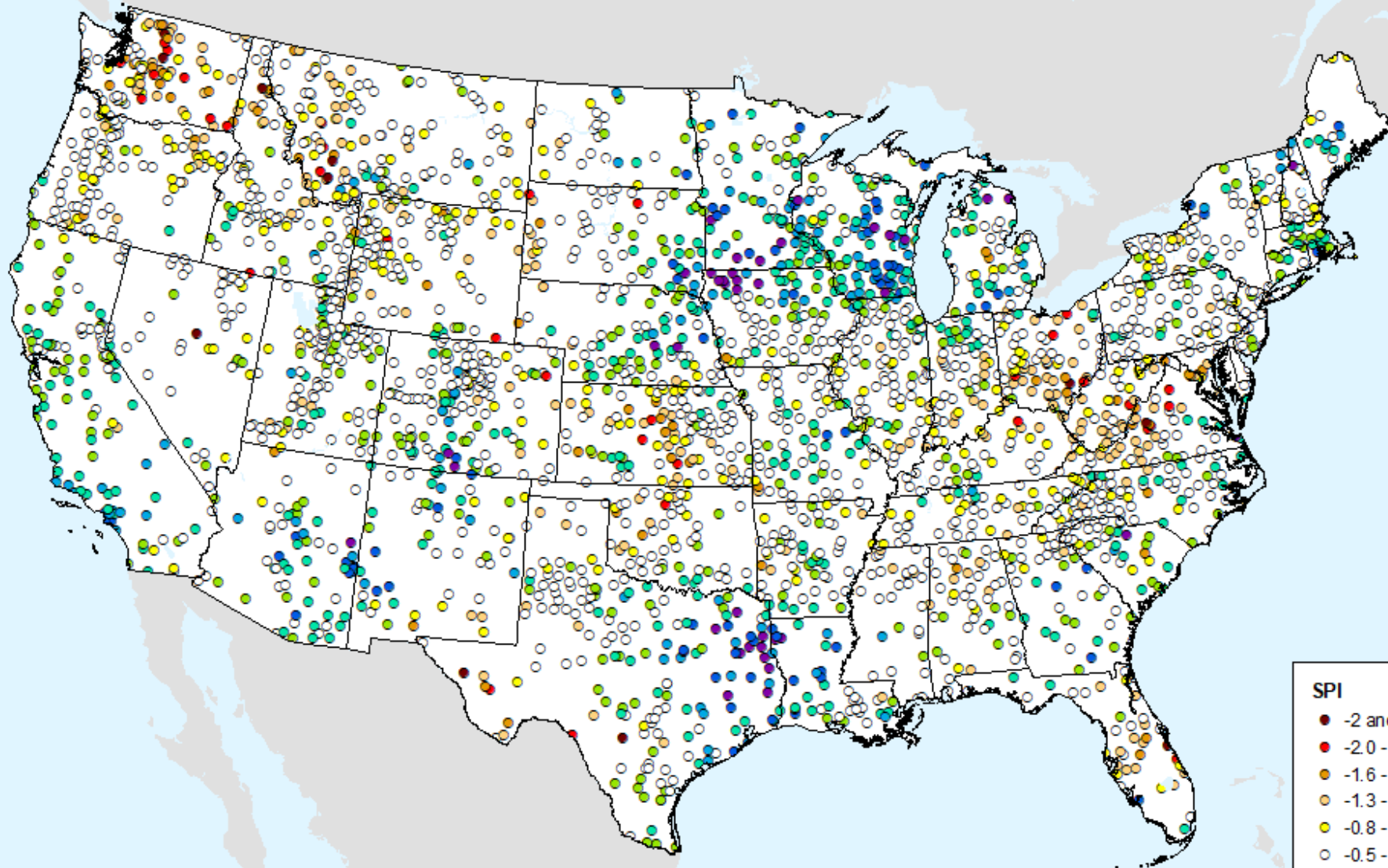
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

HPRCC 6-month SPI

As of: Tuesday, July 30, 2024

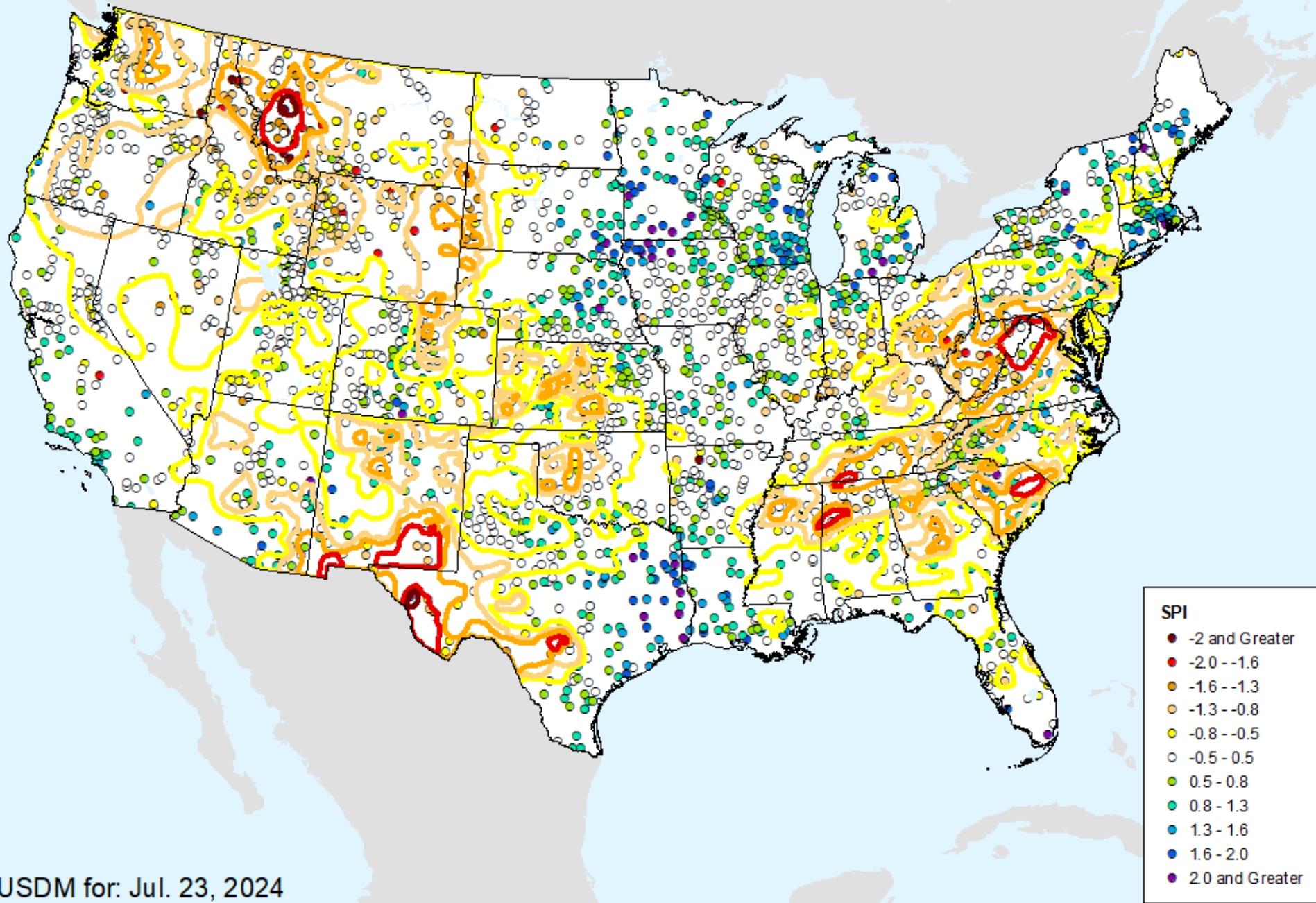


SPI

- -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

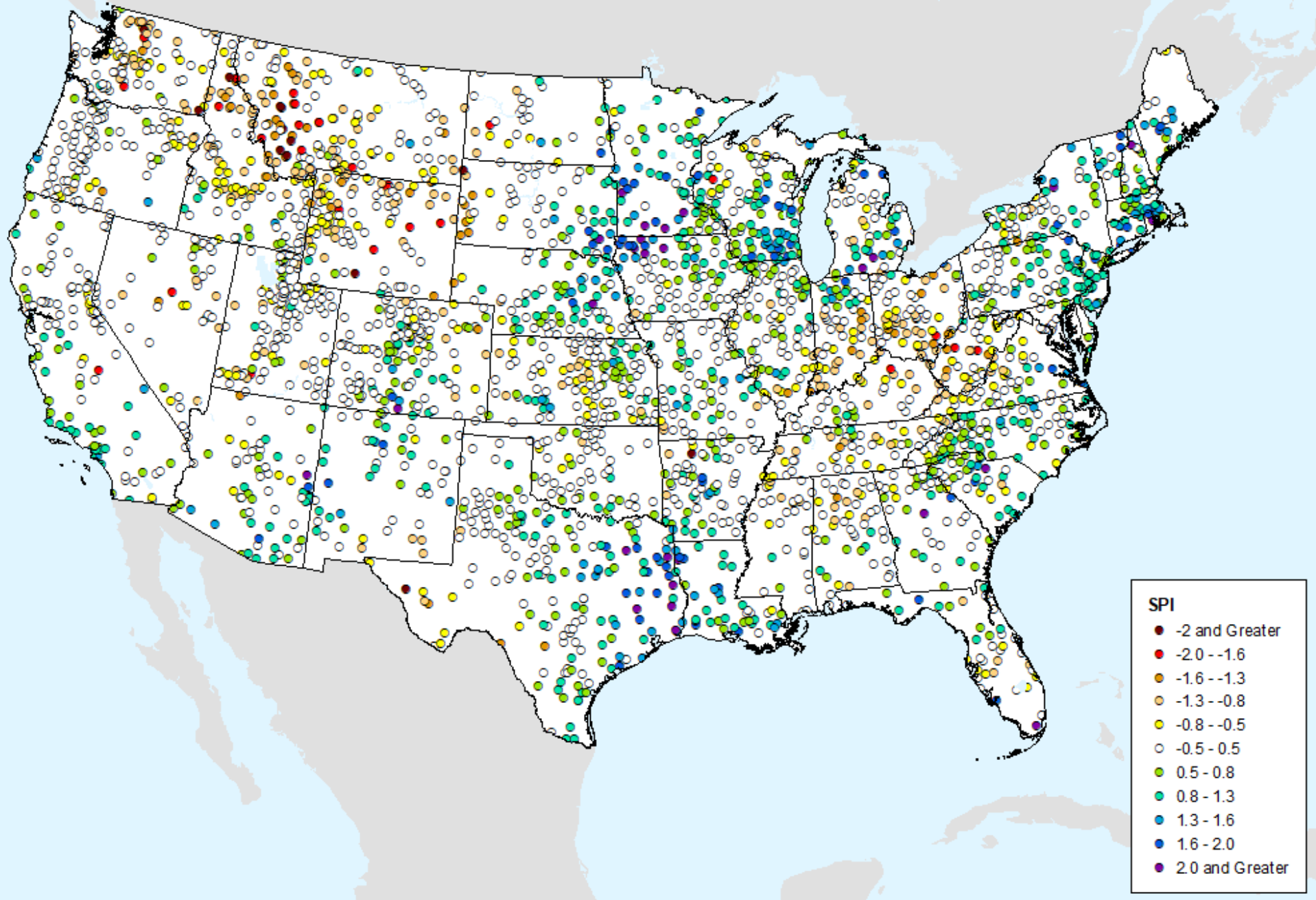
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

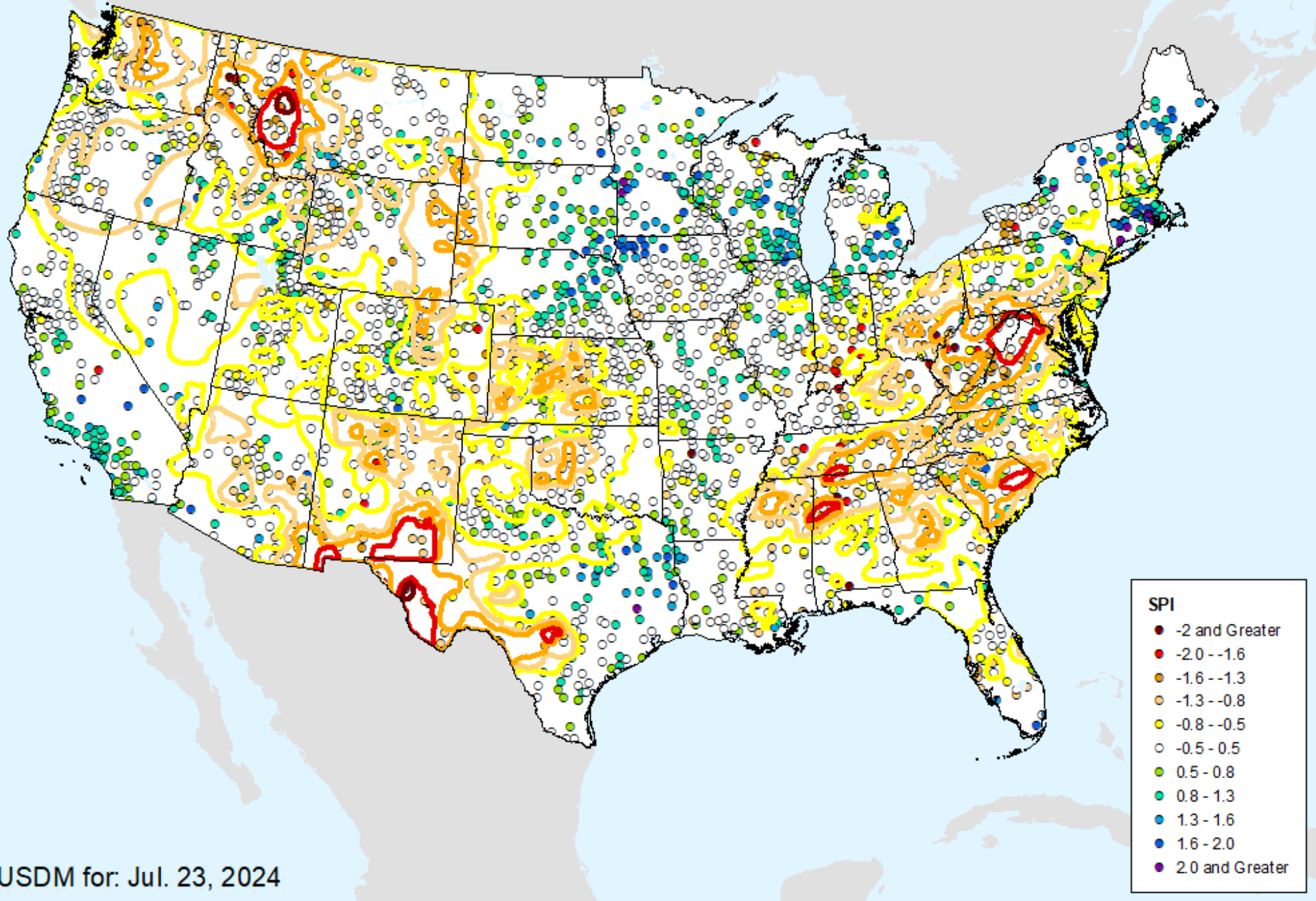
HPRCC 9-month SPI

As of: Tuesday, July 30, 2024



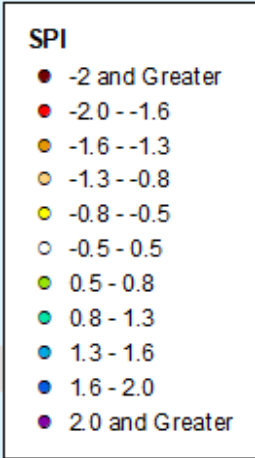
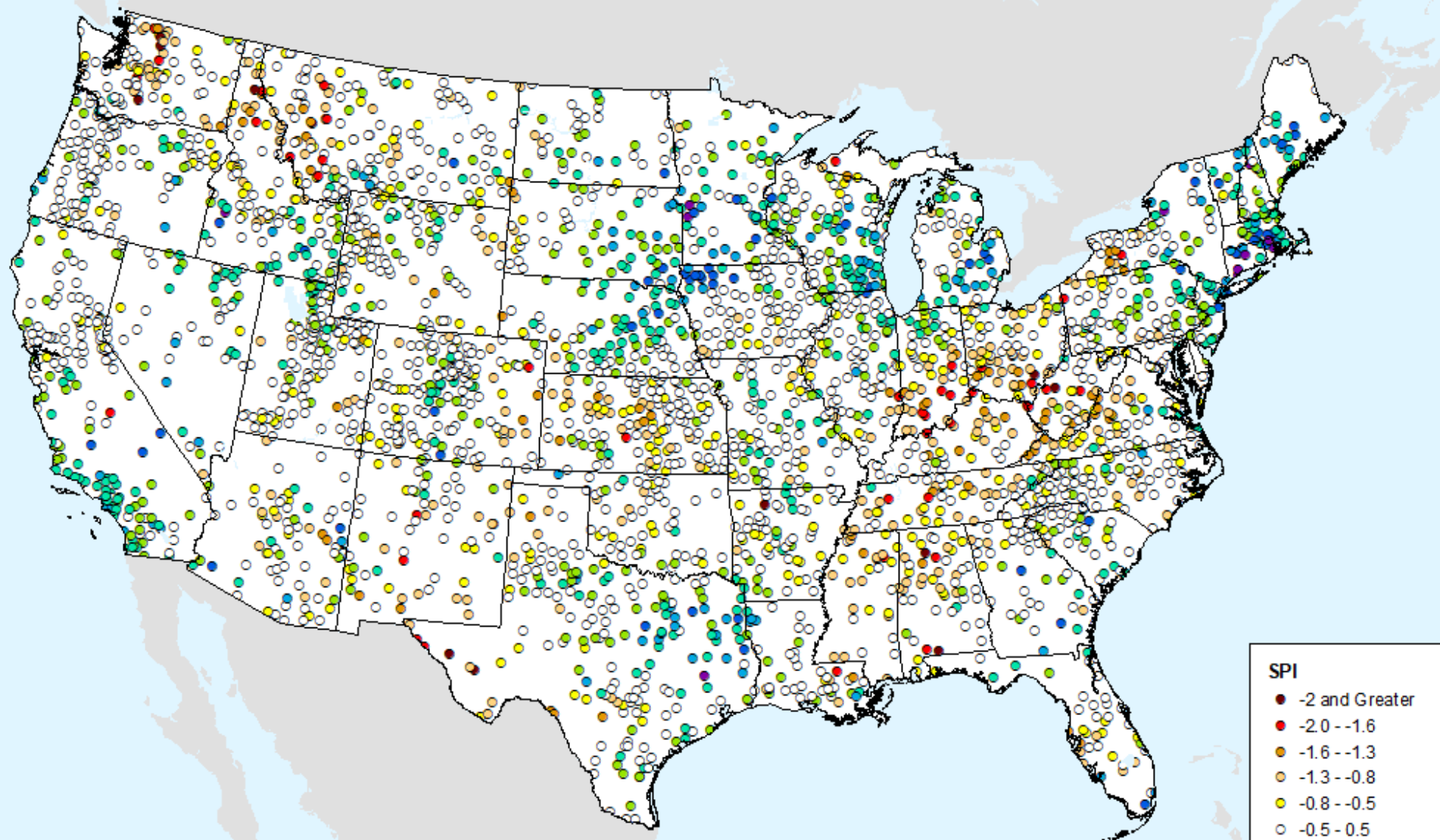
HPRCC 12-month SPI

As of: Tuesday, July 30, 2024



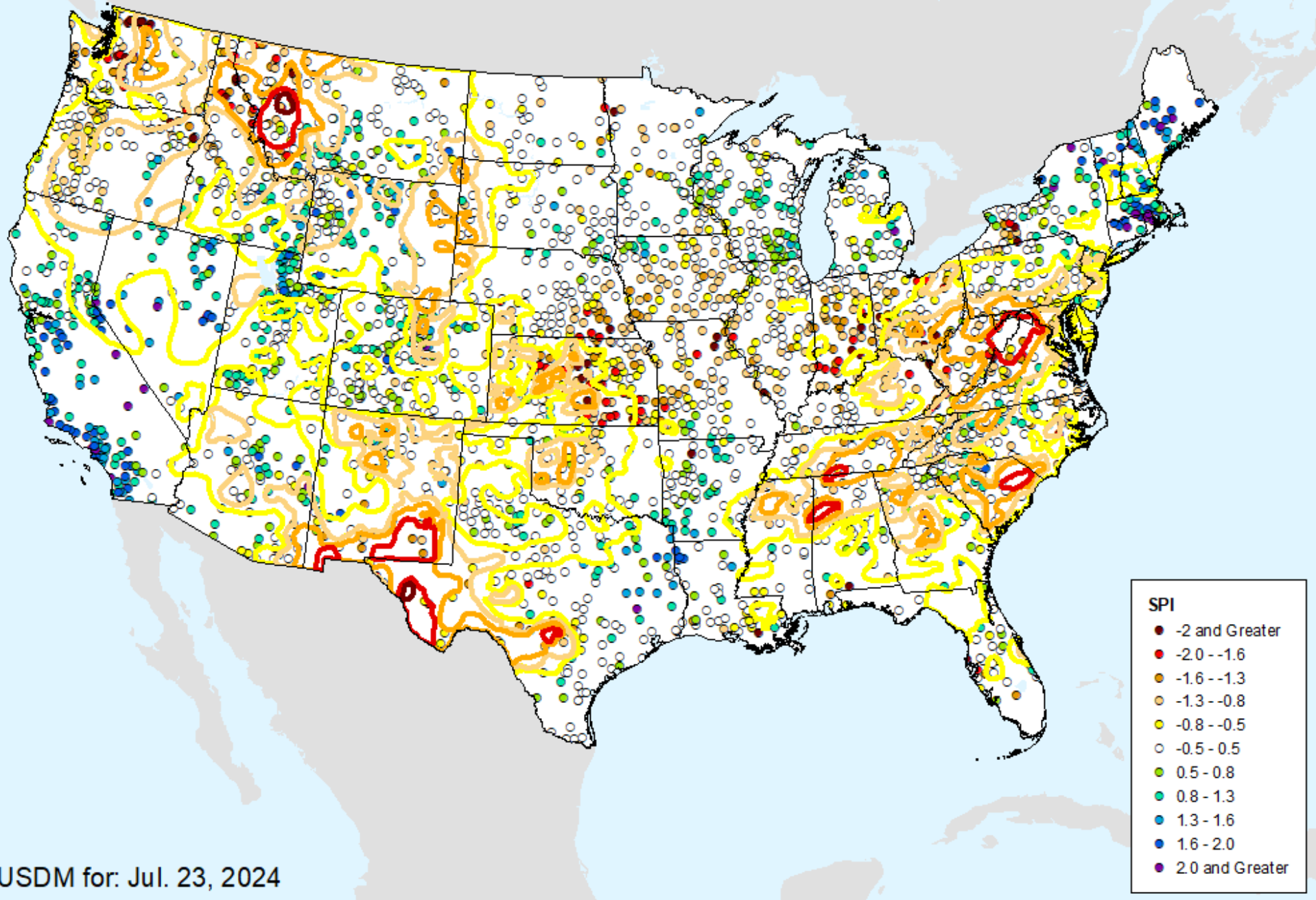
HPRCC 12-month SPI

As of: Tuesday, July 30, 2024



HPRCC 24-month SPI

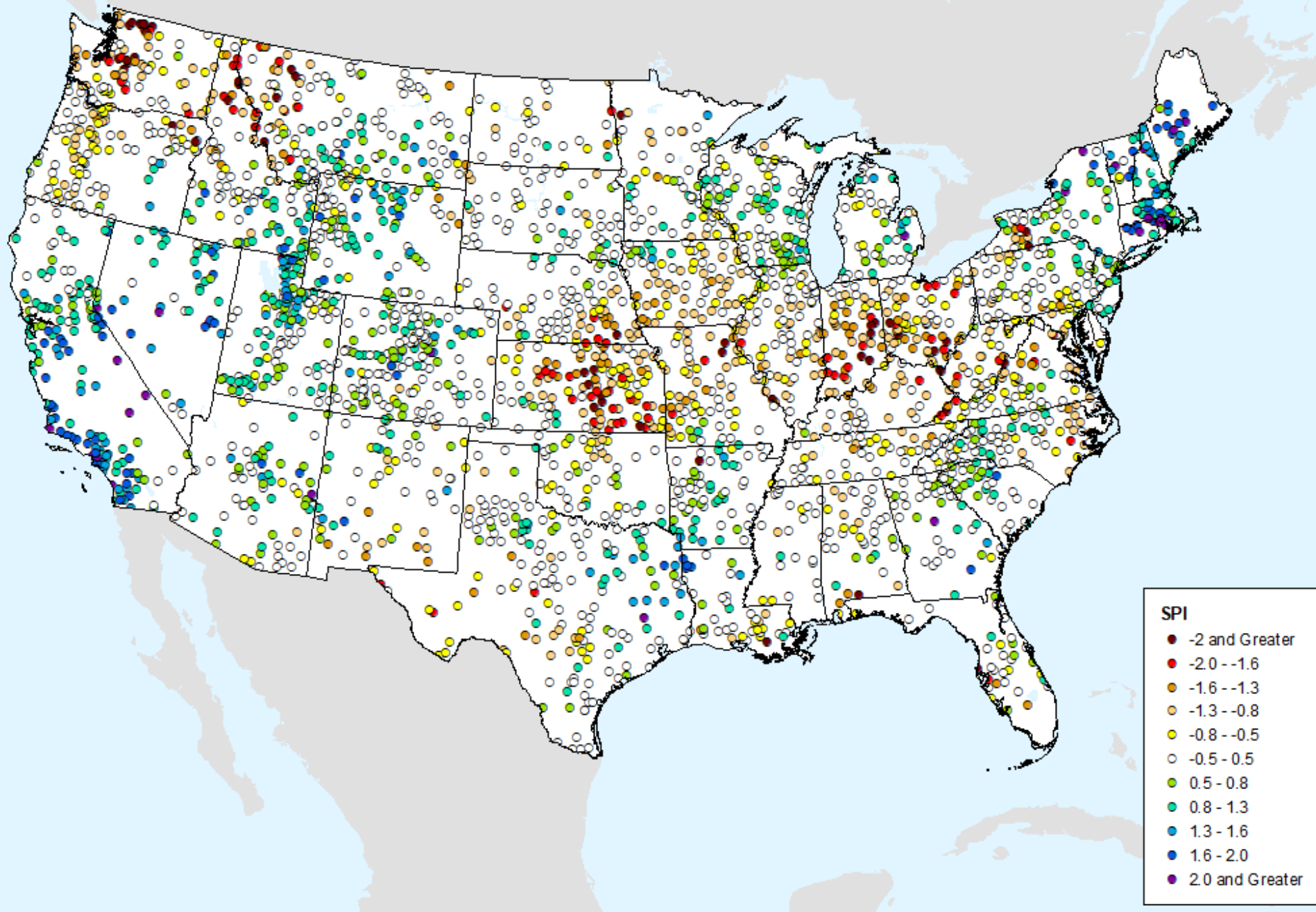
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

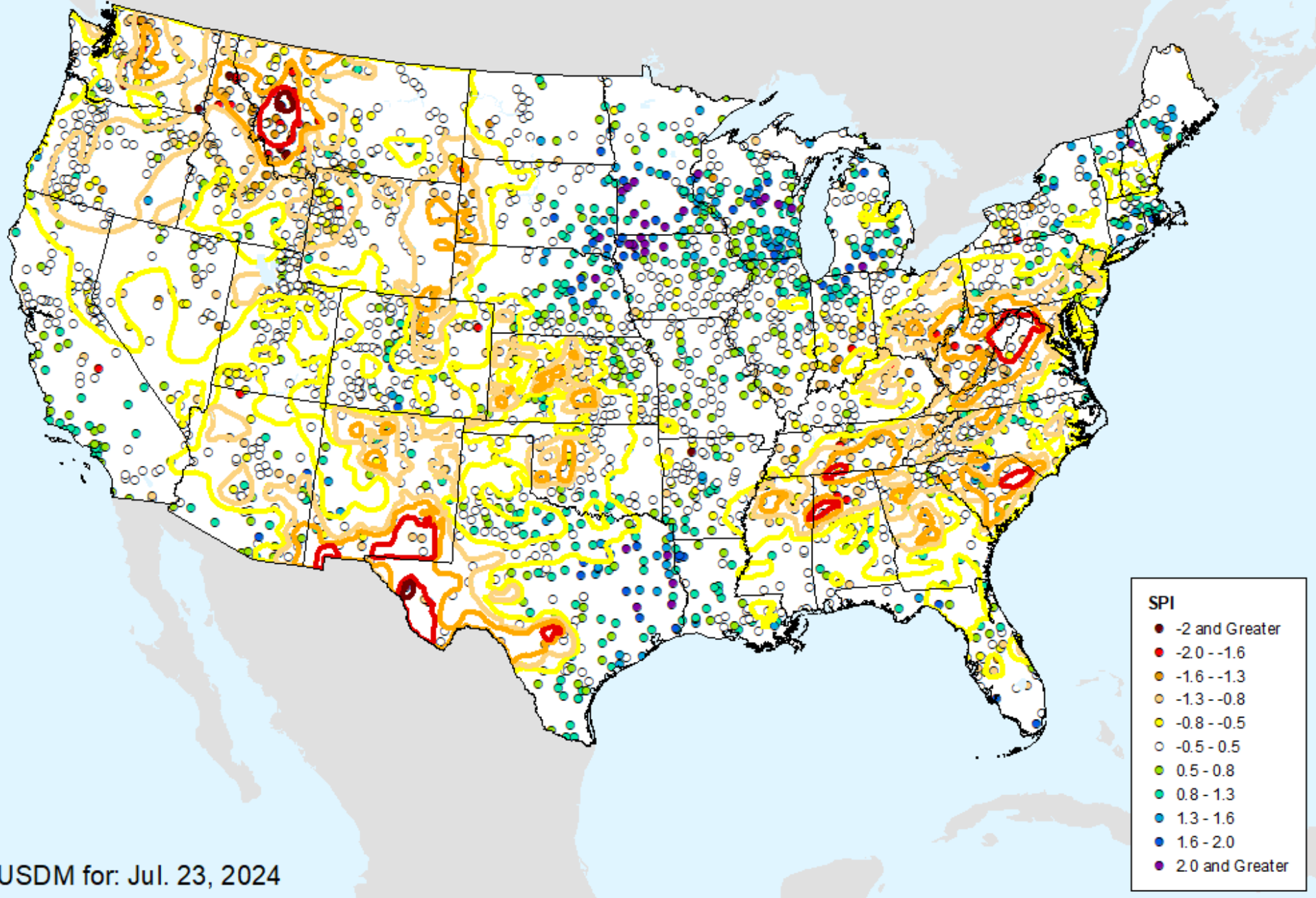
HPRCC 24-month SPI

As of: Tuesday, July 30, 2024



HPRCC Water Year-to-date SPI

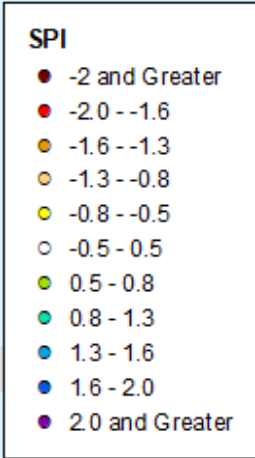
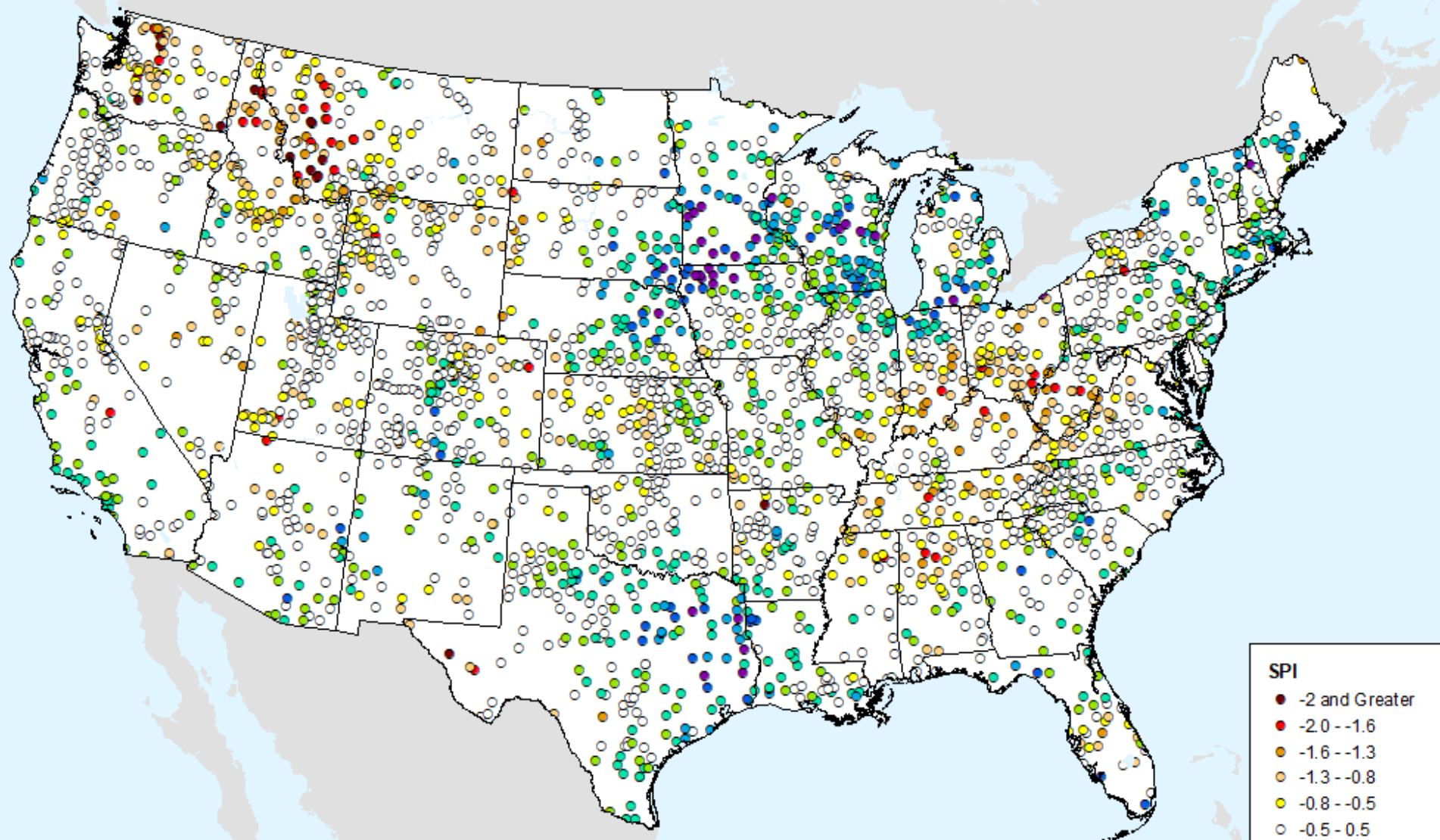
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

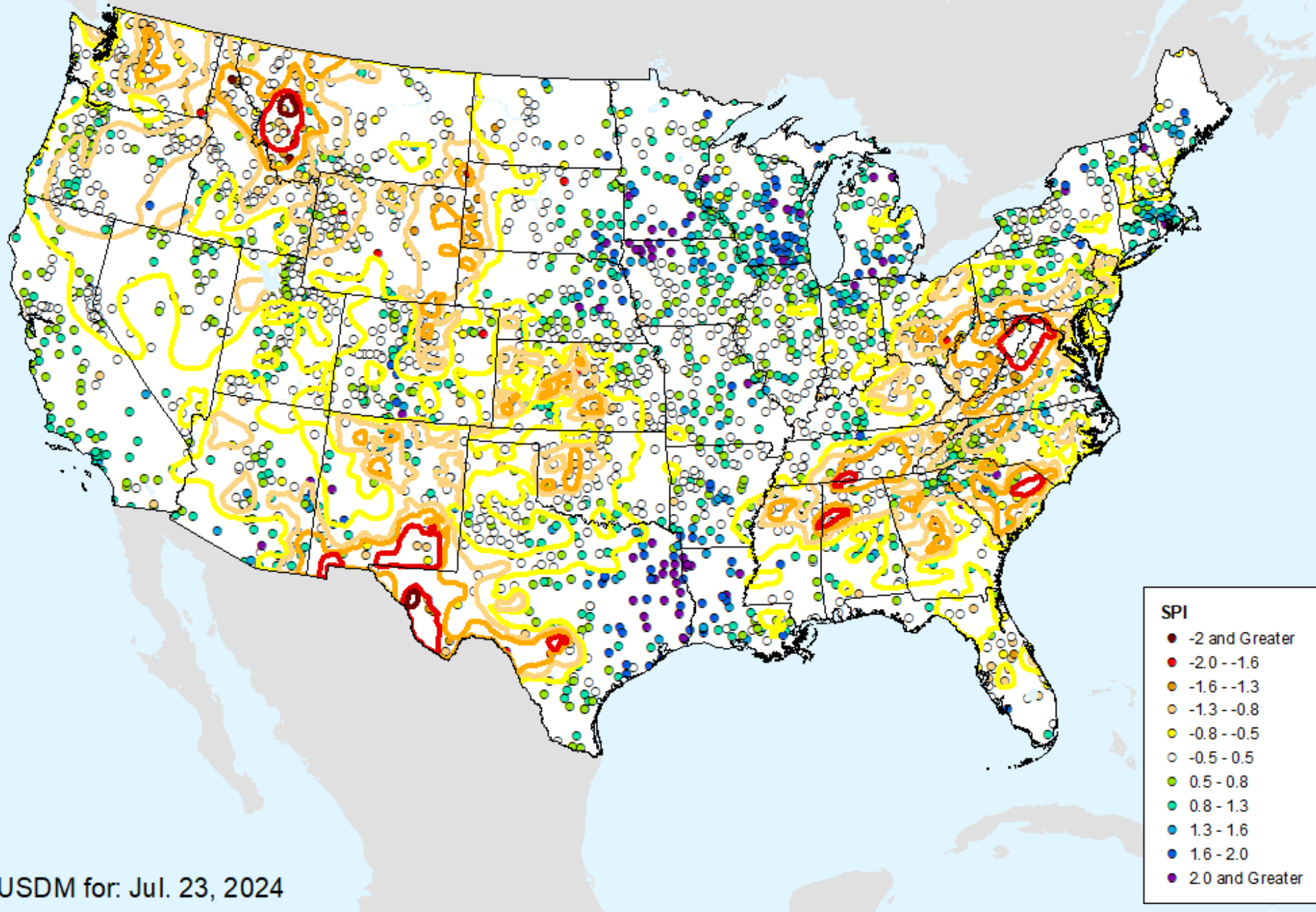
HPRCC Water Year-to-date SPI

As of: Tuesday, July 30, 2024



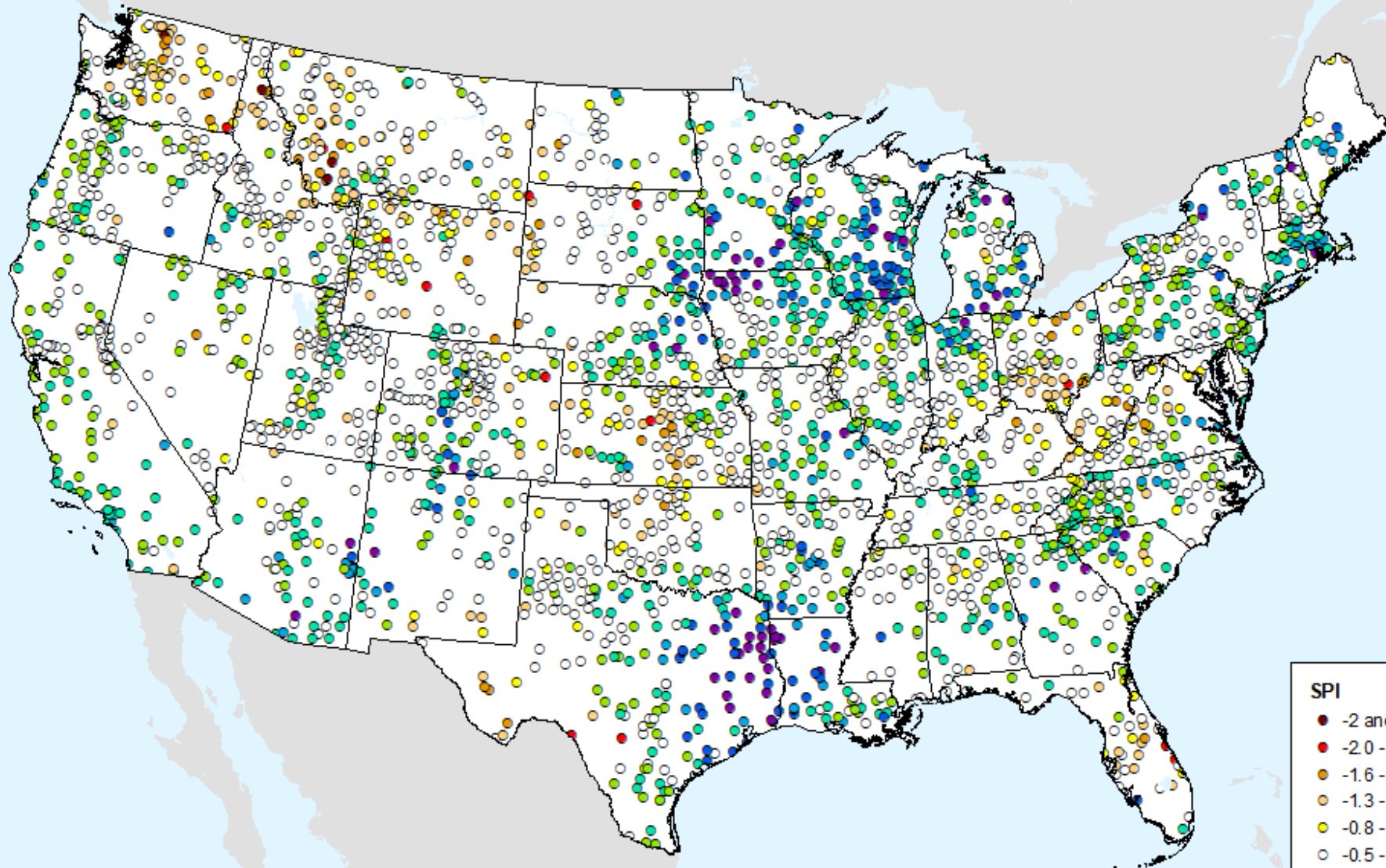
HPRCC Year-to-date SPI

As of: Tuesday, July 30, 2024



HPRCC Year-to-date SPI

As of: Tuesday, July 30, 2024

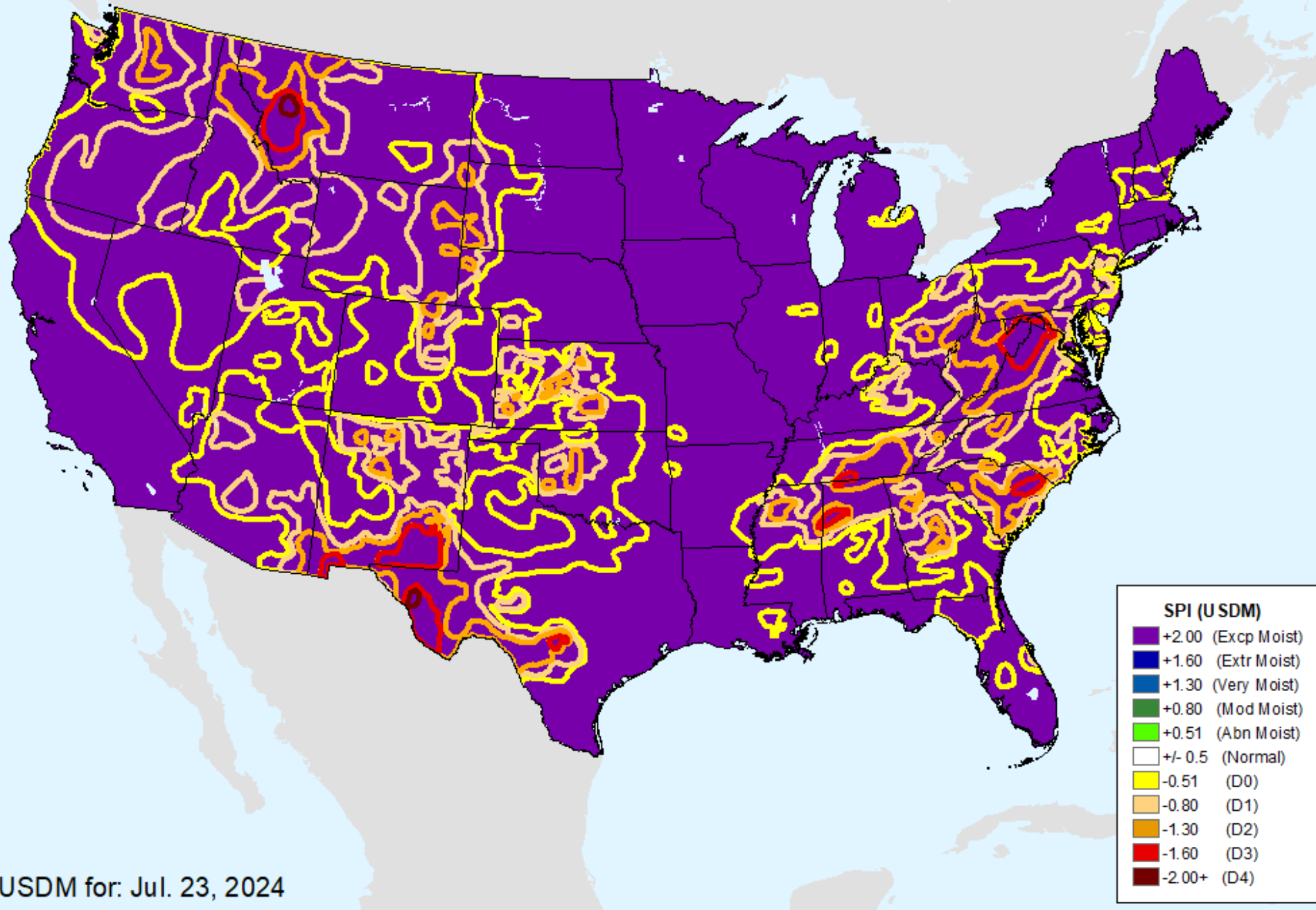


SPI

- -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

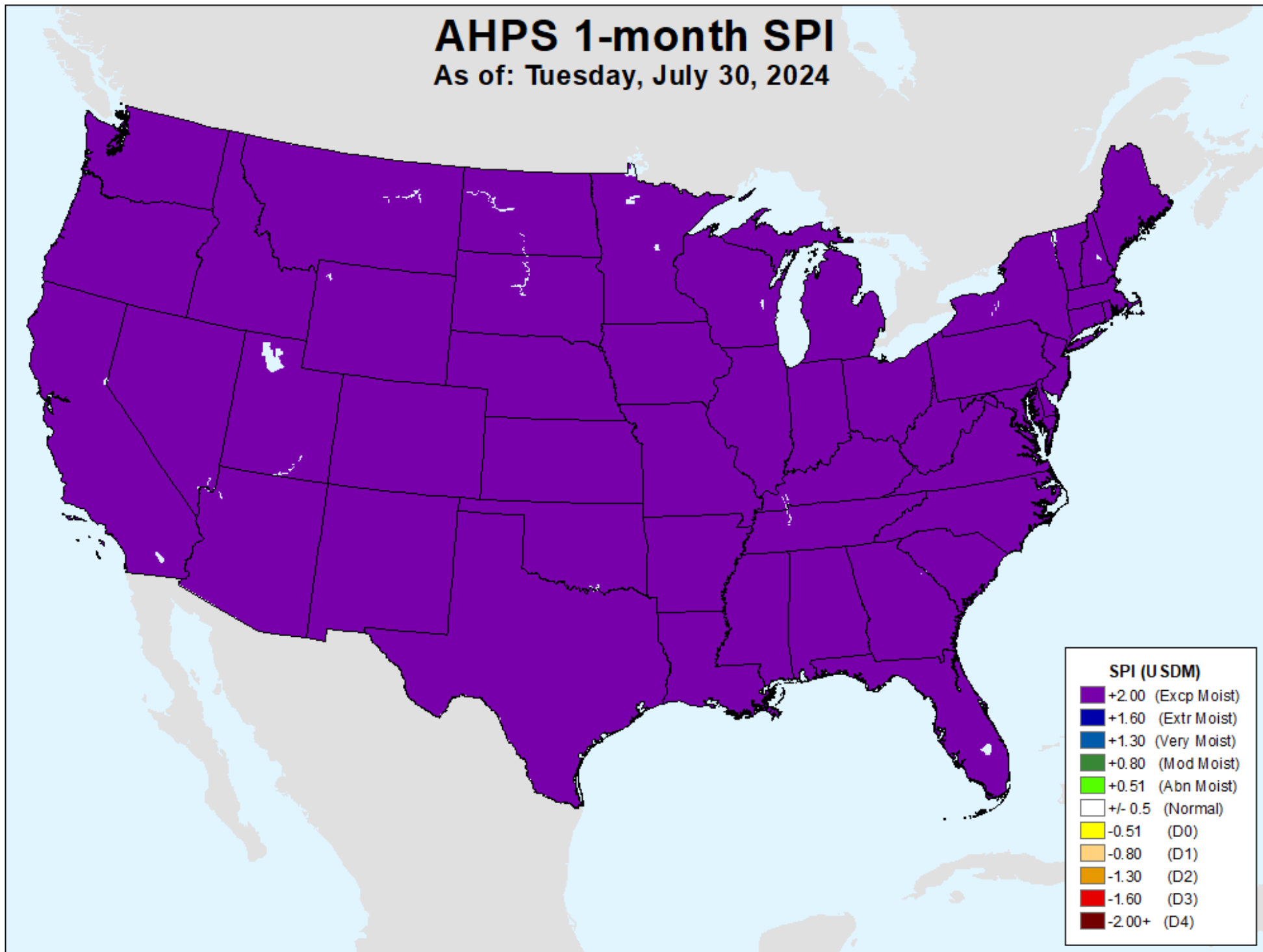
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

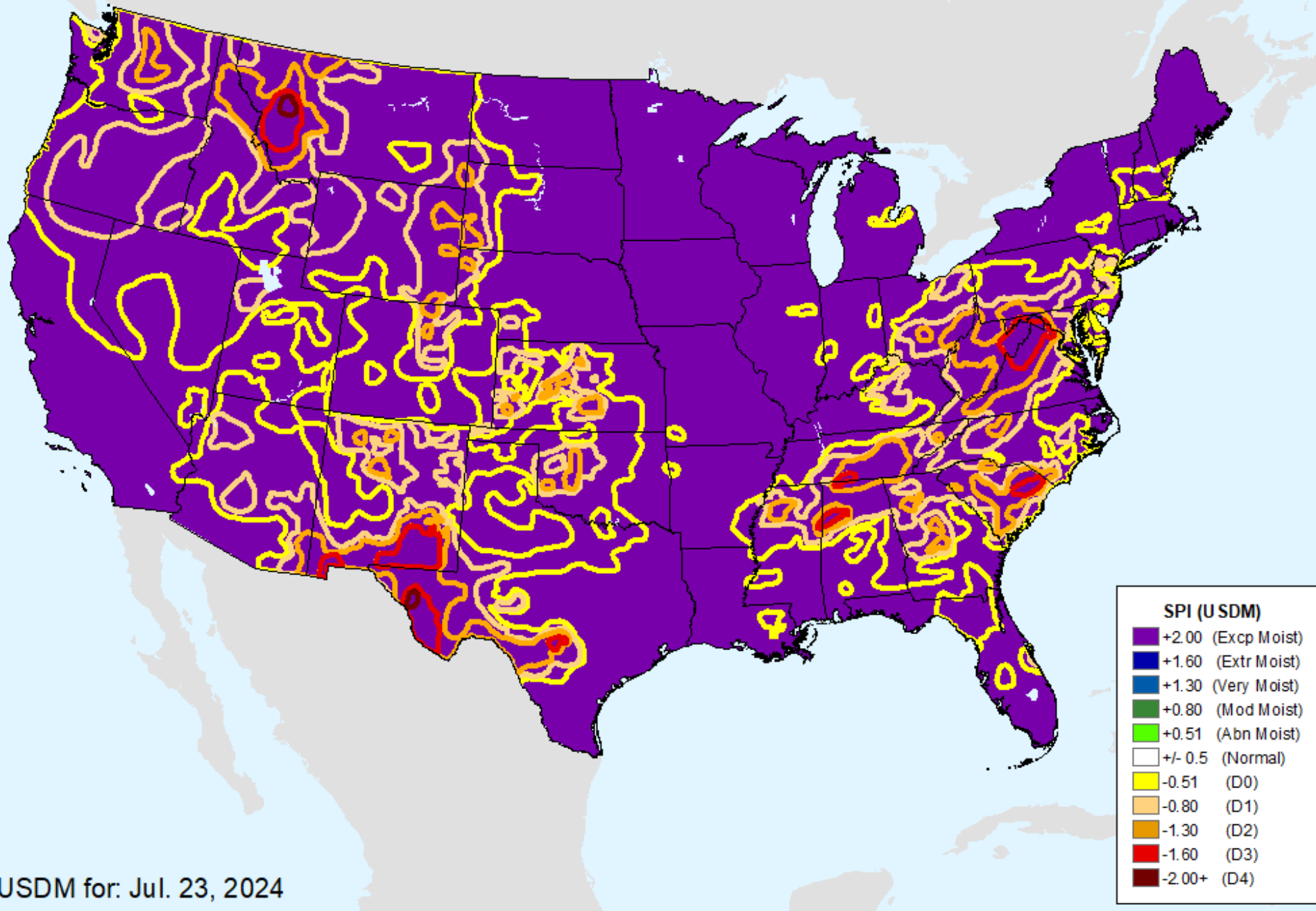
AHPS 1-month SPI

As of: Tuesday, July 30, 2024



AHPS 2-month SPI

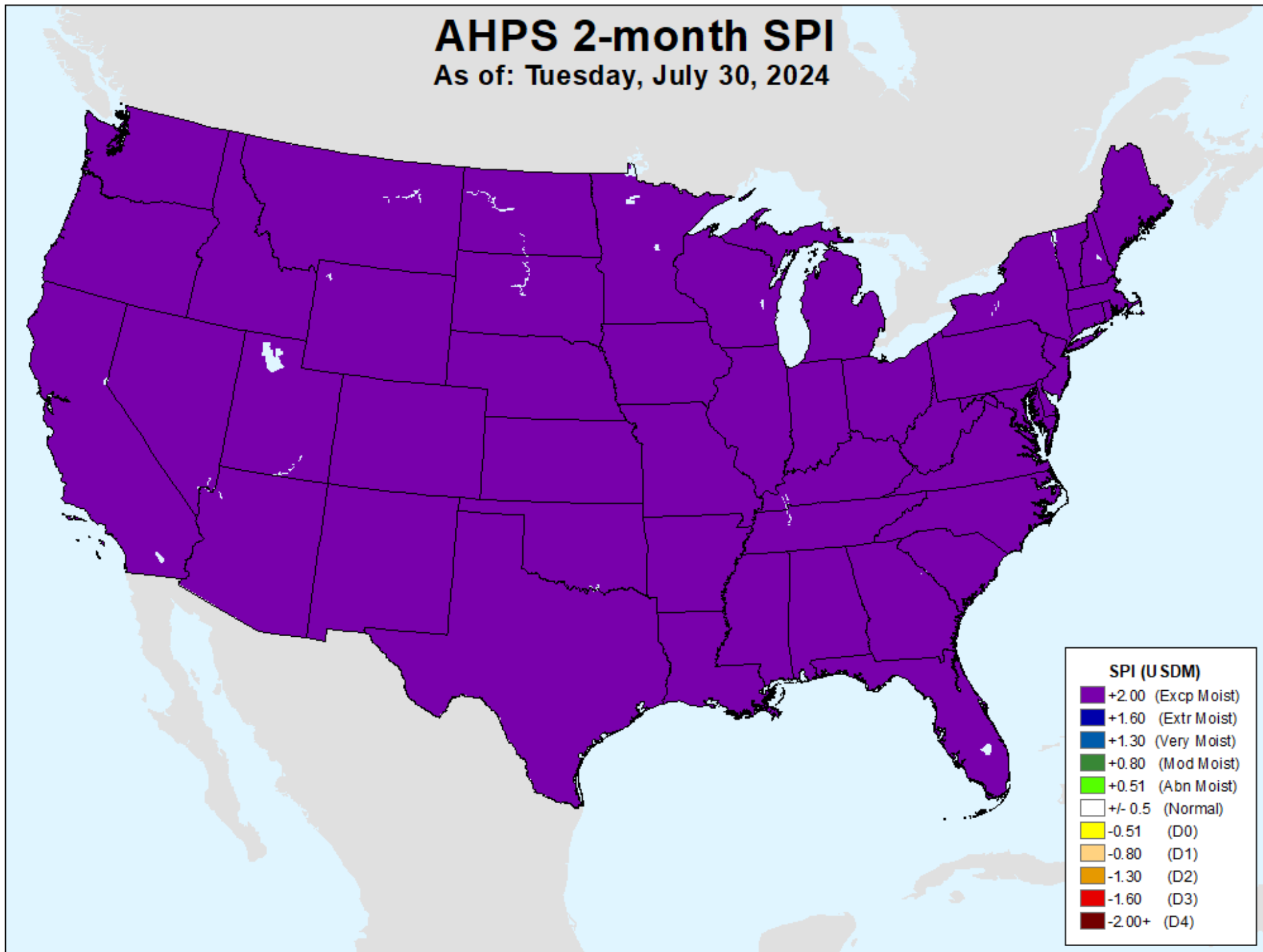
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

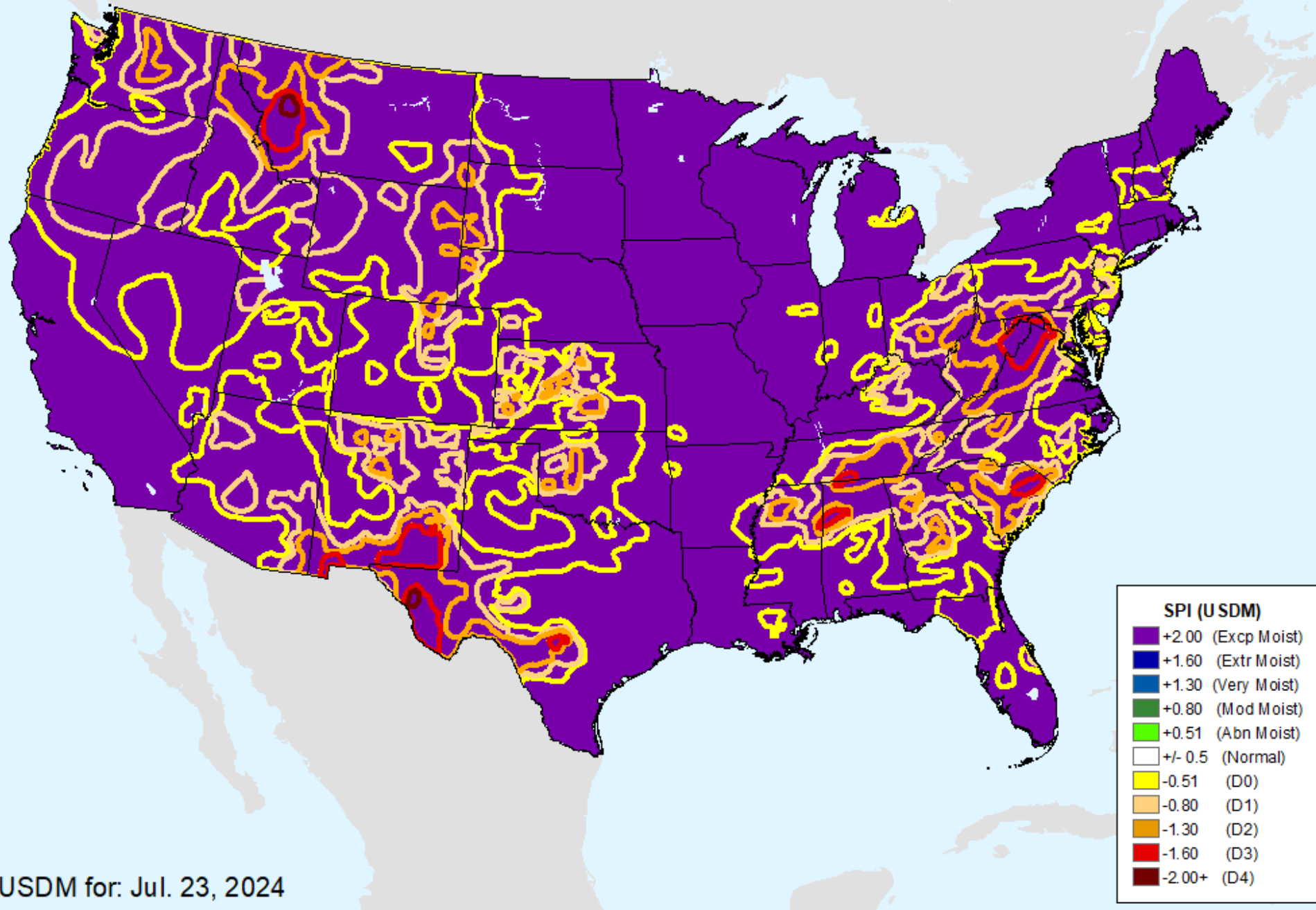
AHPS 2-month SPI

As of: Tuesday, July 30, 2024



AHPS 3-month SPI

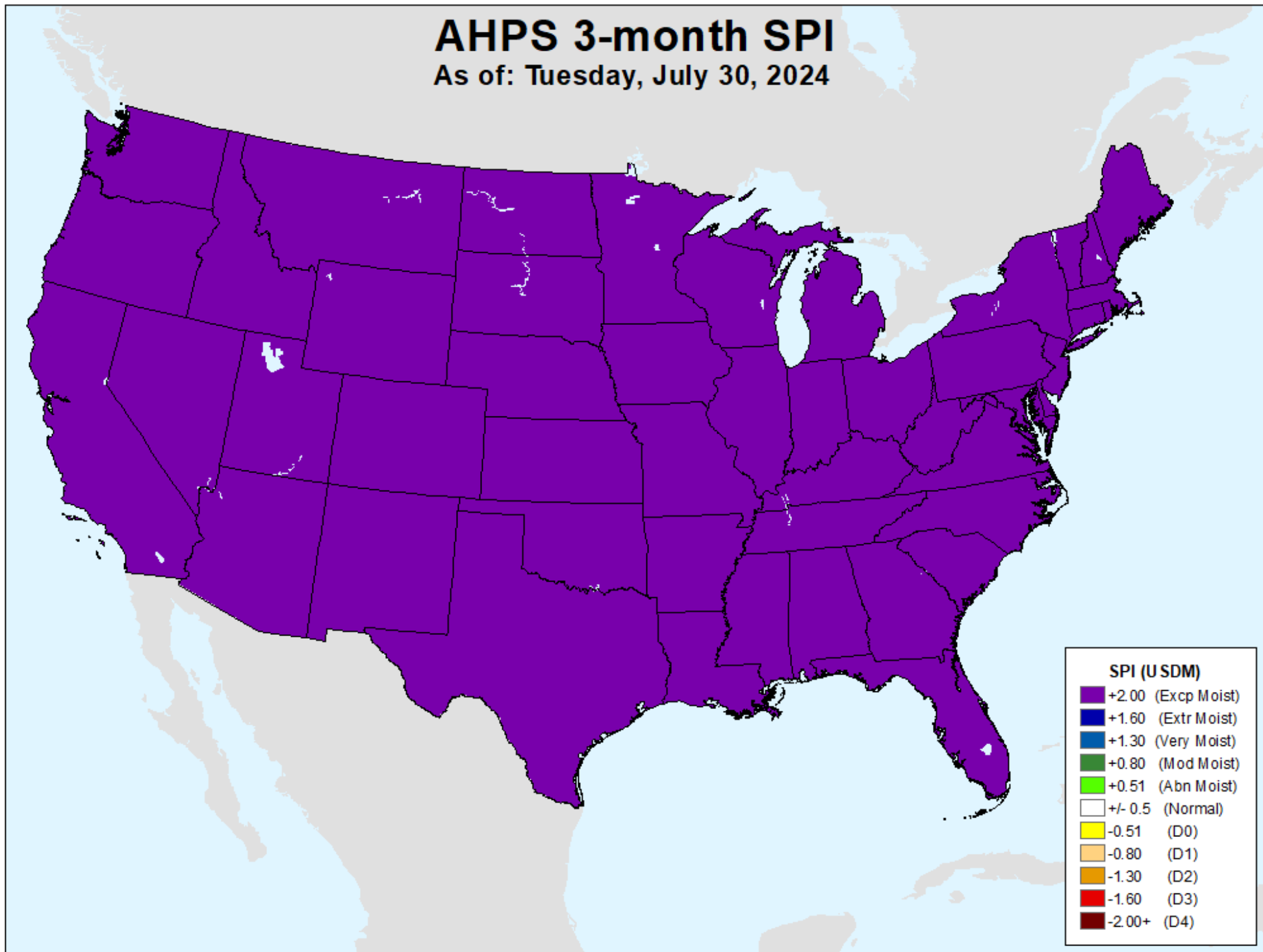
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

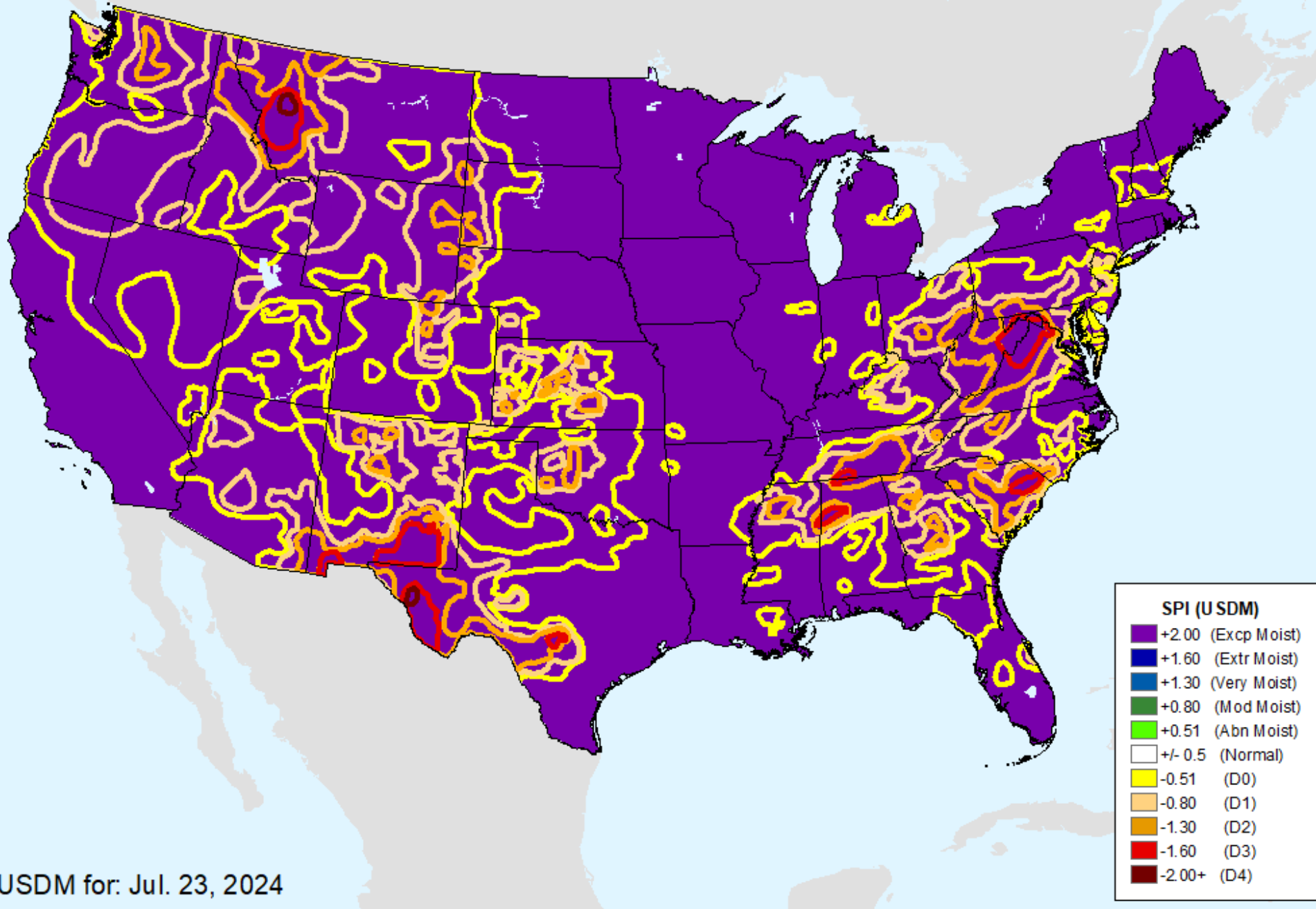
AHPS 3-month SPI

As of: Tuesday, July 30, 2024



AHPS 6-month SPI

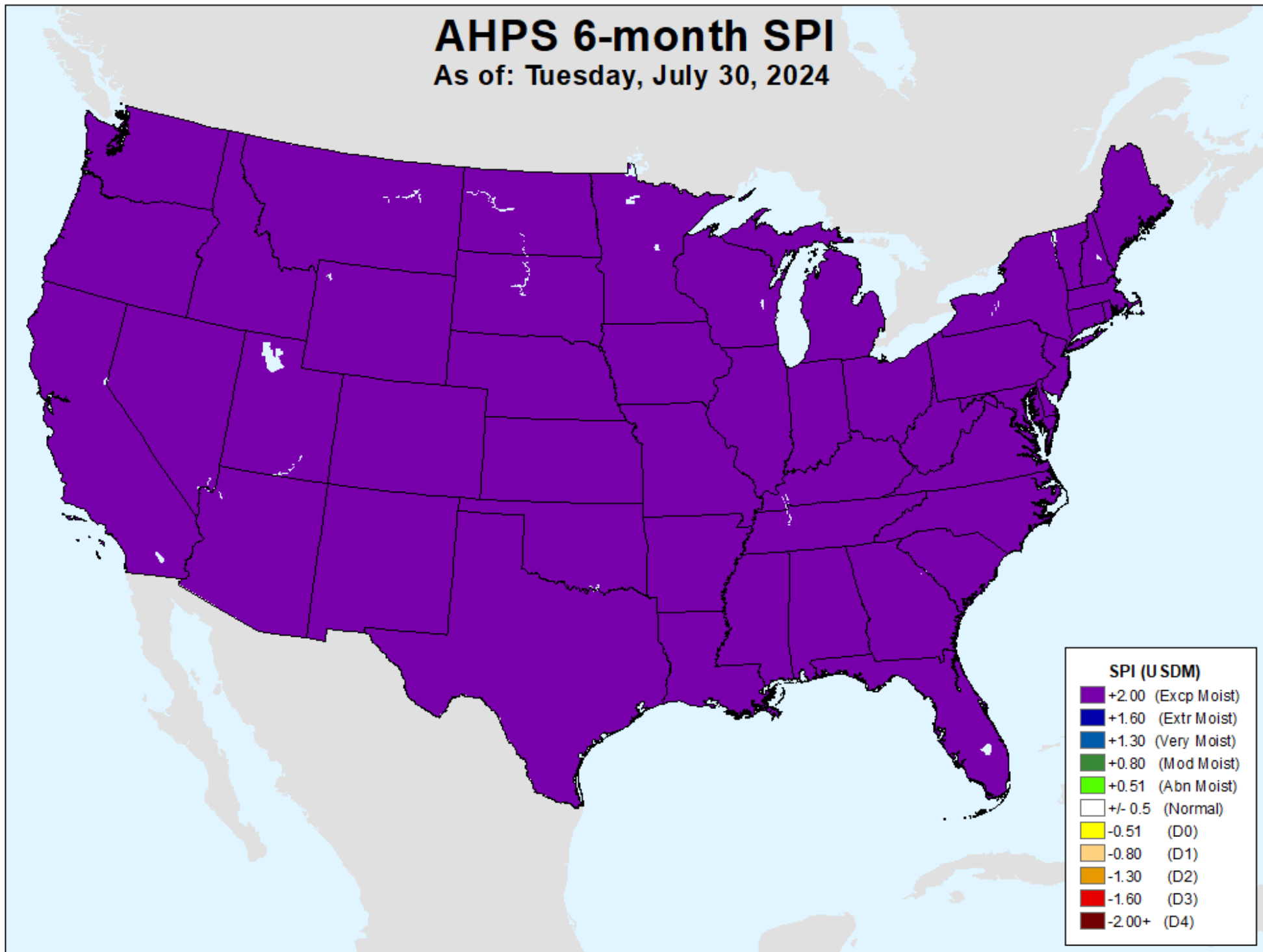
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

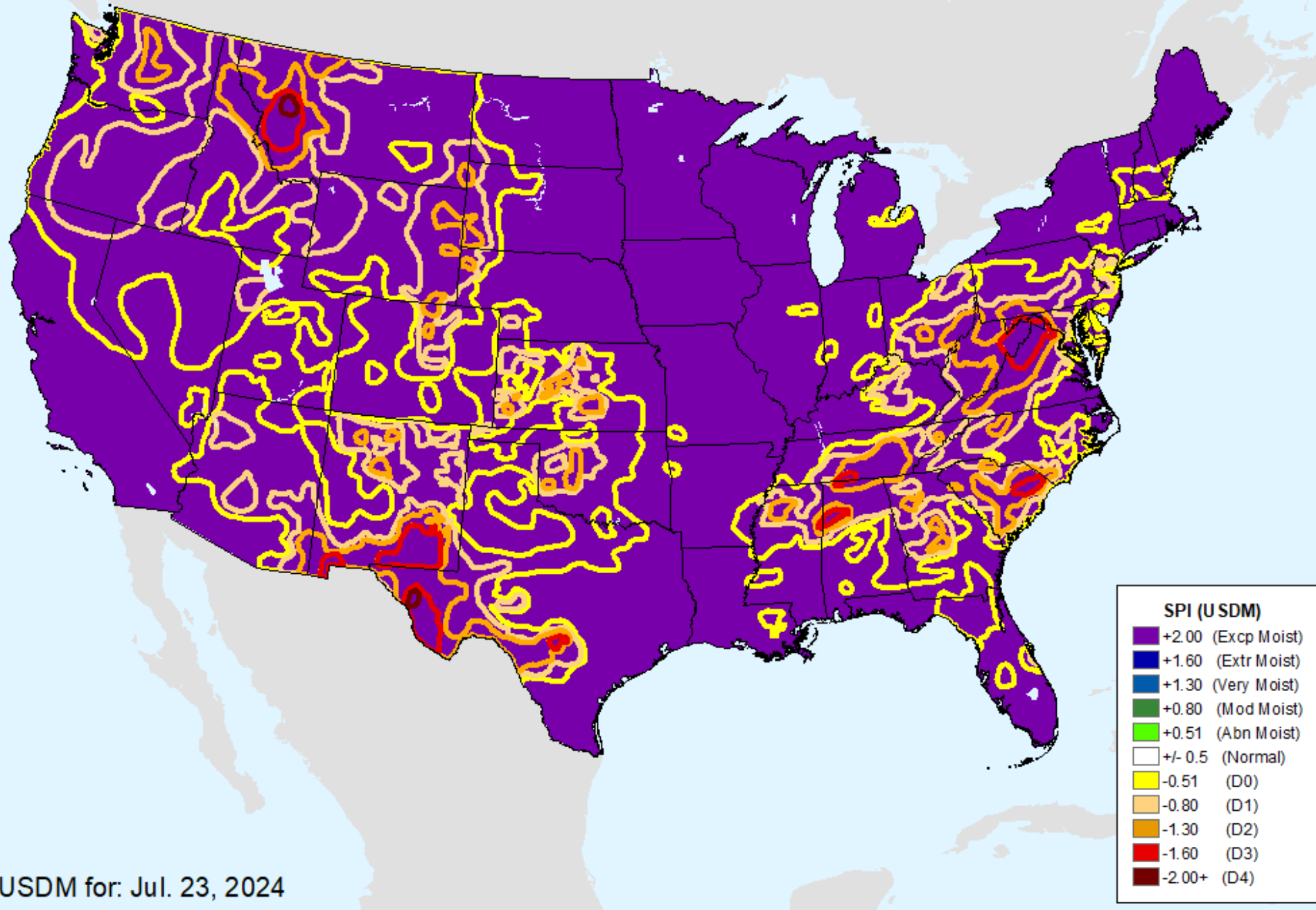
AHPS 6-month SPI

As of: Tuesday, July 30, 2024



AHPS 9-month SPI

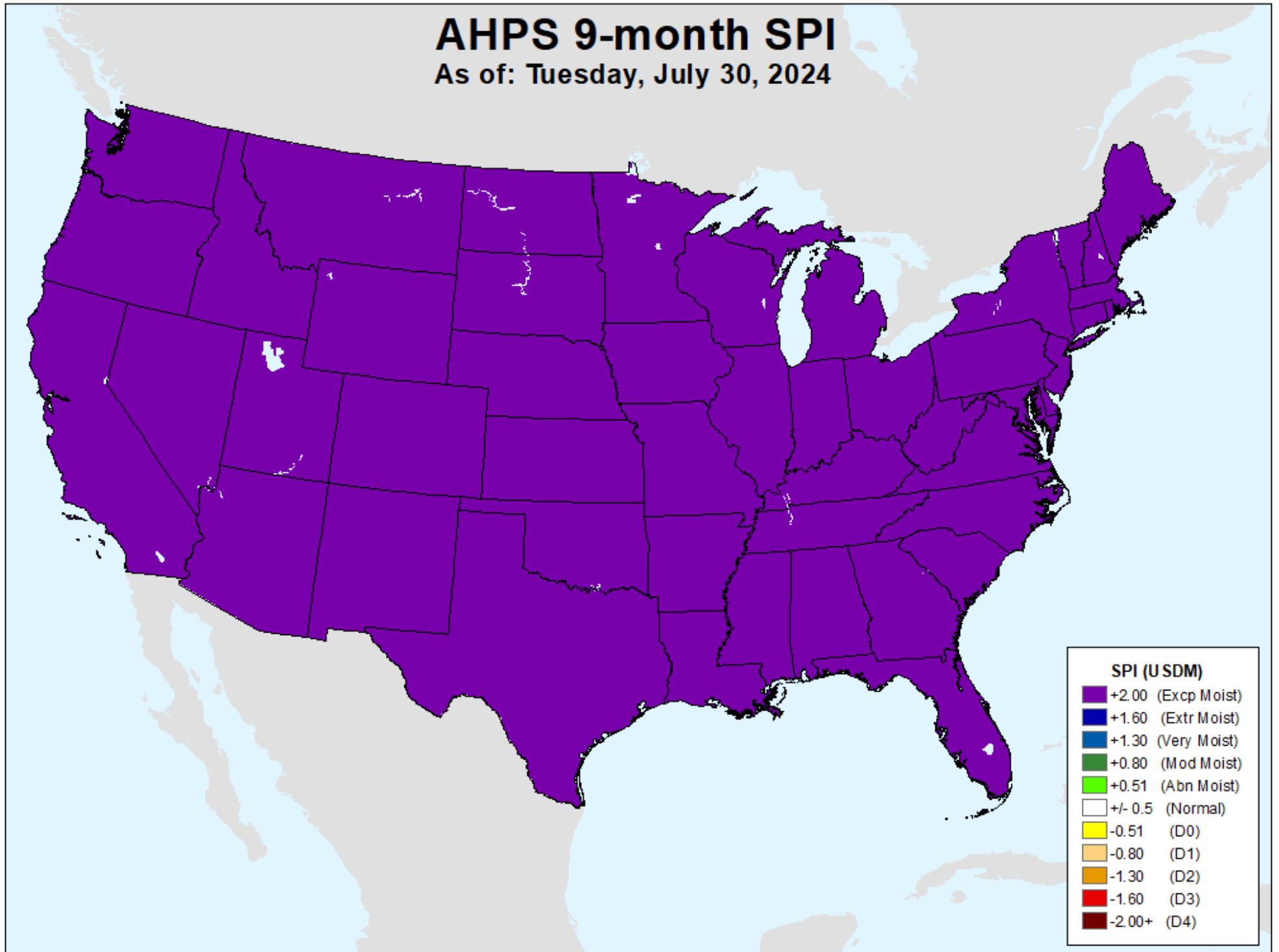
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

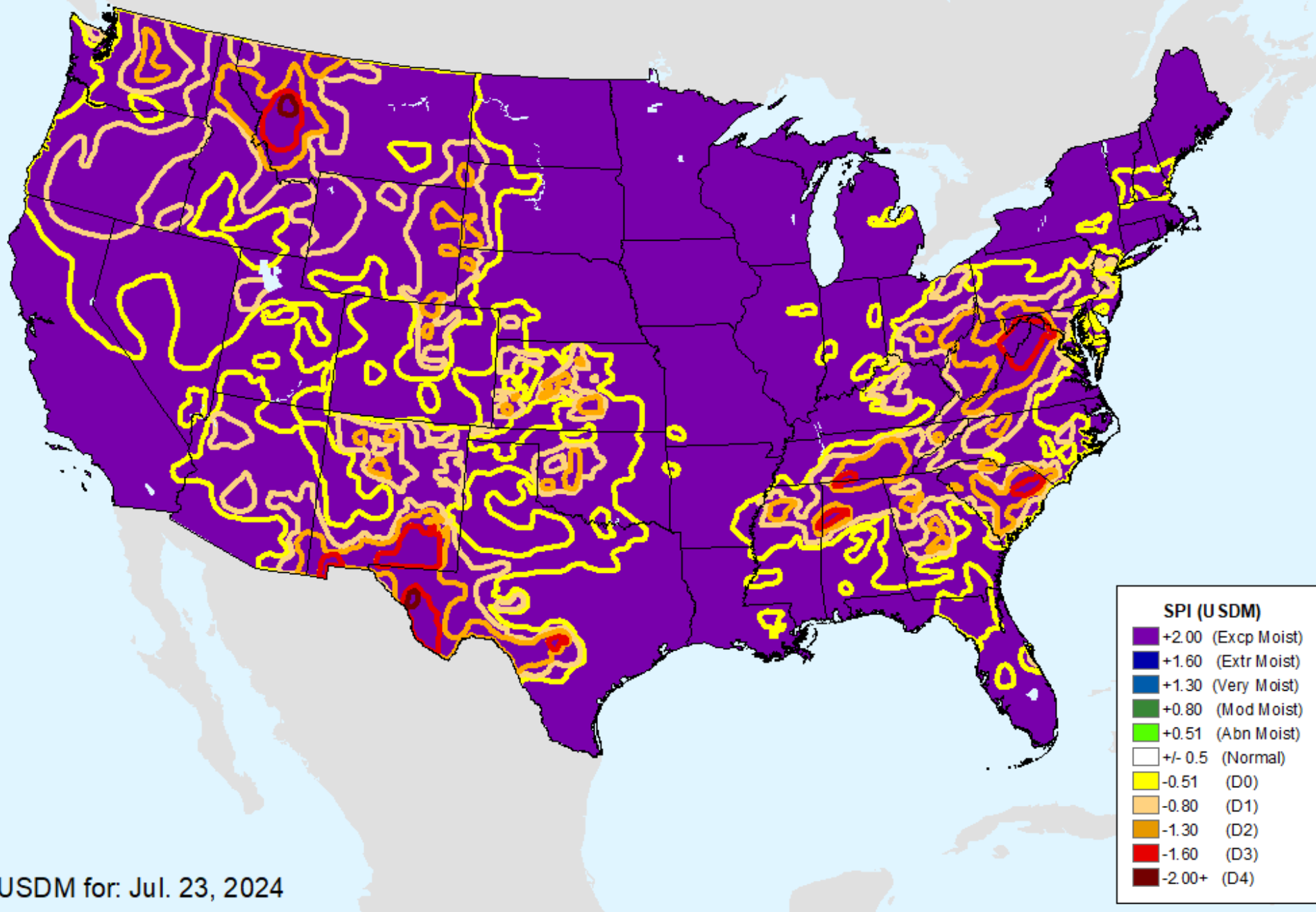
AHPS 9-month SPI

As of: Tuesday, July 30, 2024



AHPS 12-month SPI

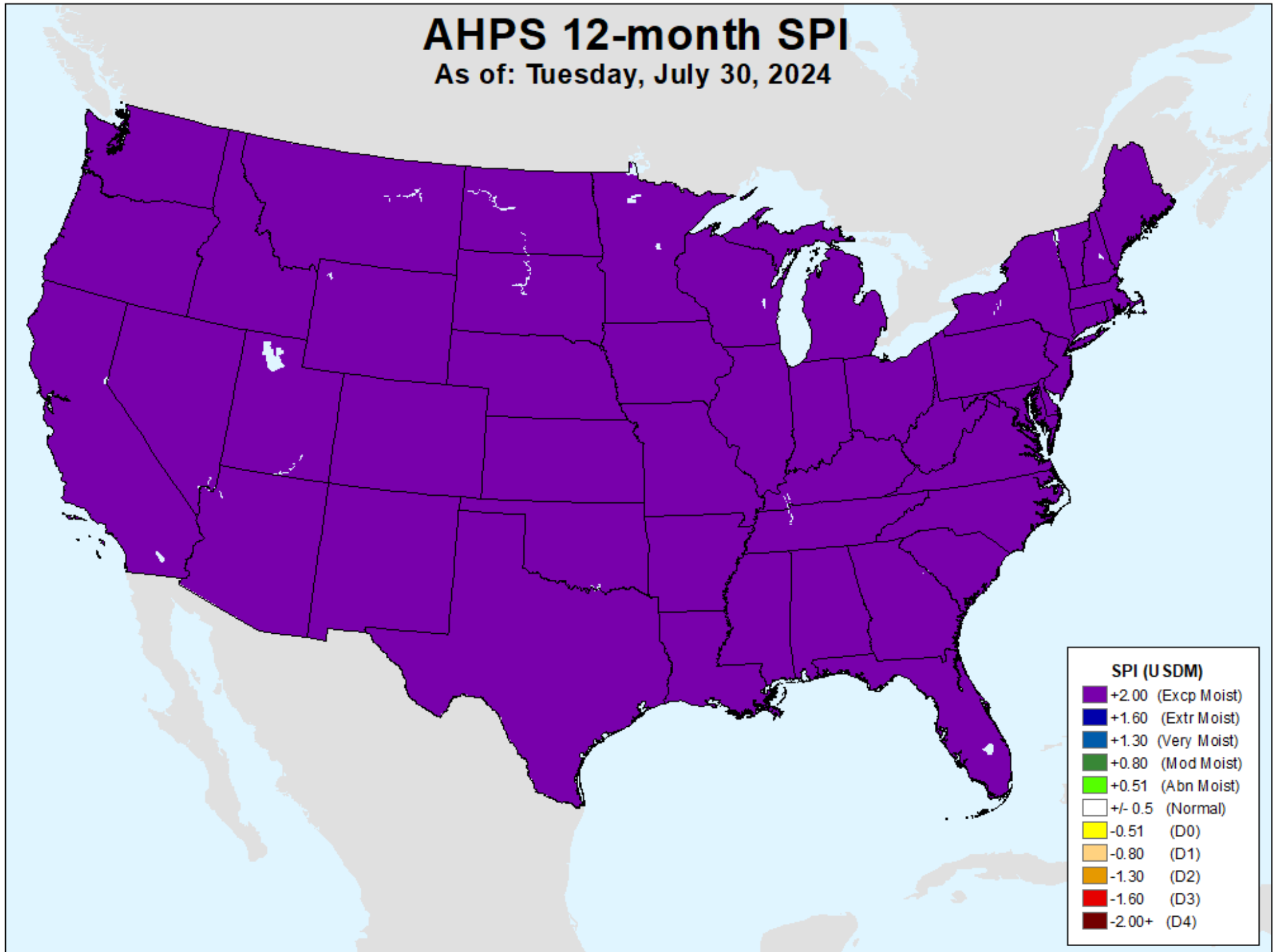
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

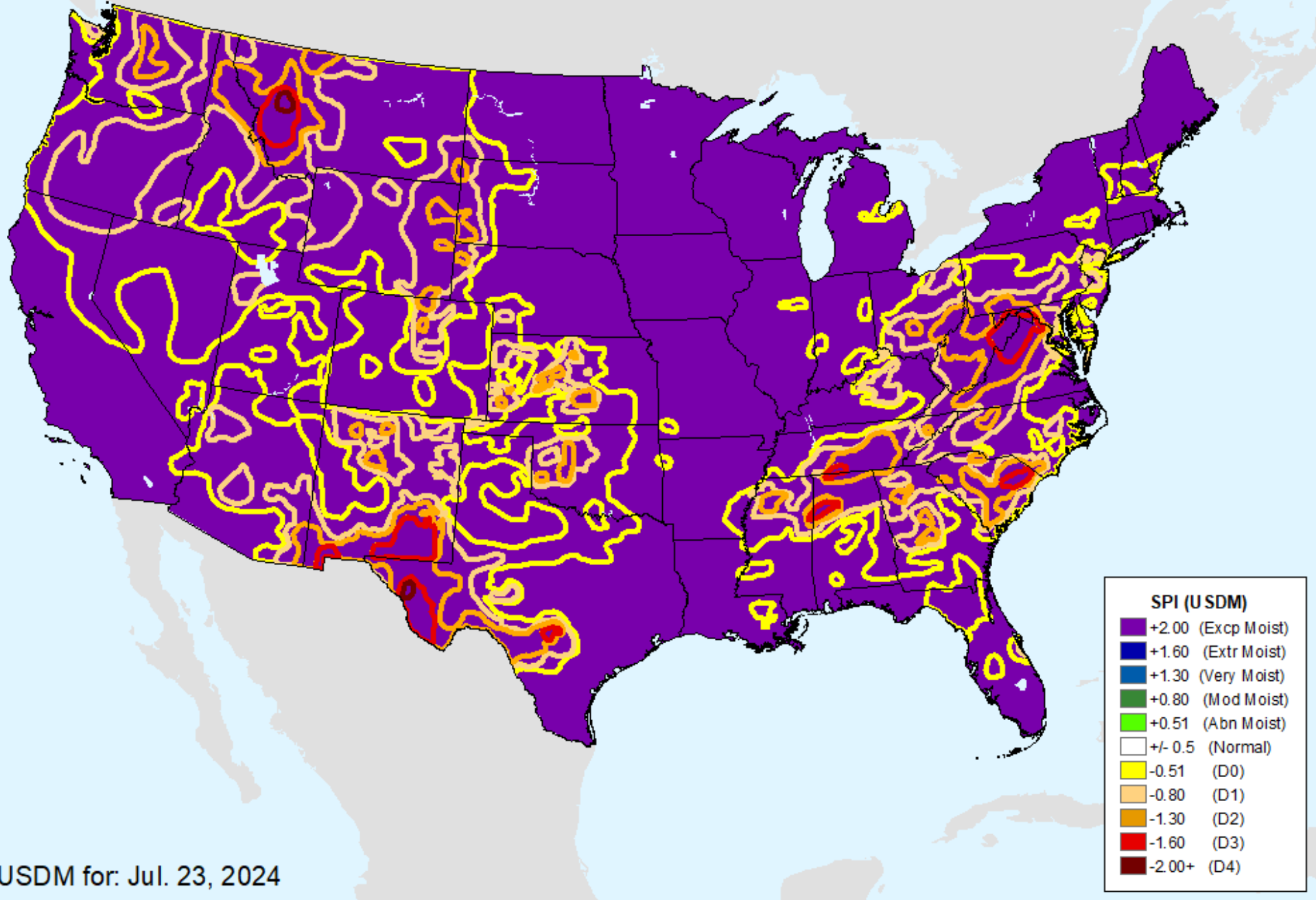
AHPS 12-month SPI

As of: Tuesday, July 30, 2024



AHPS 24-month SPI

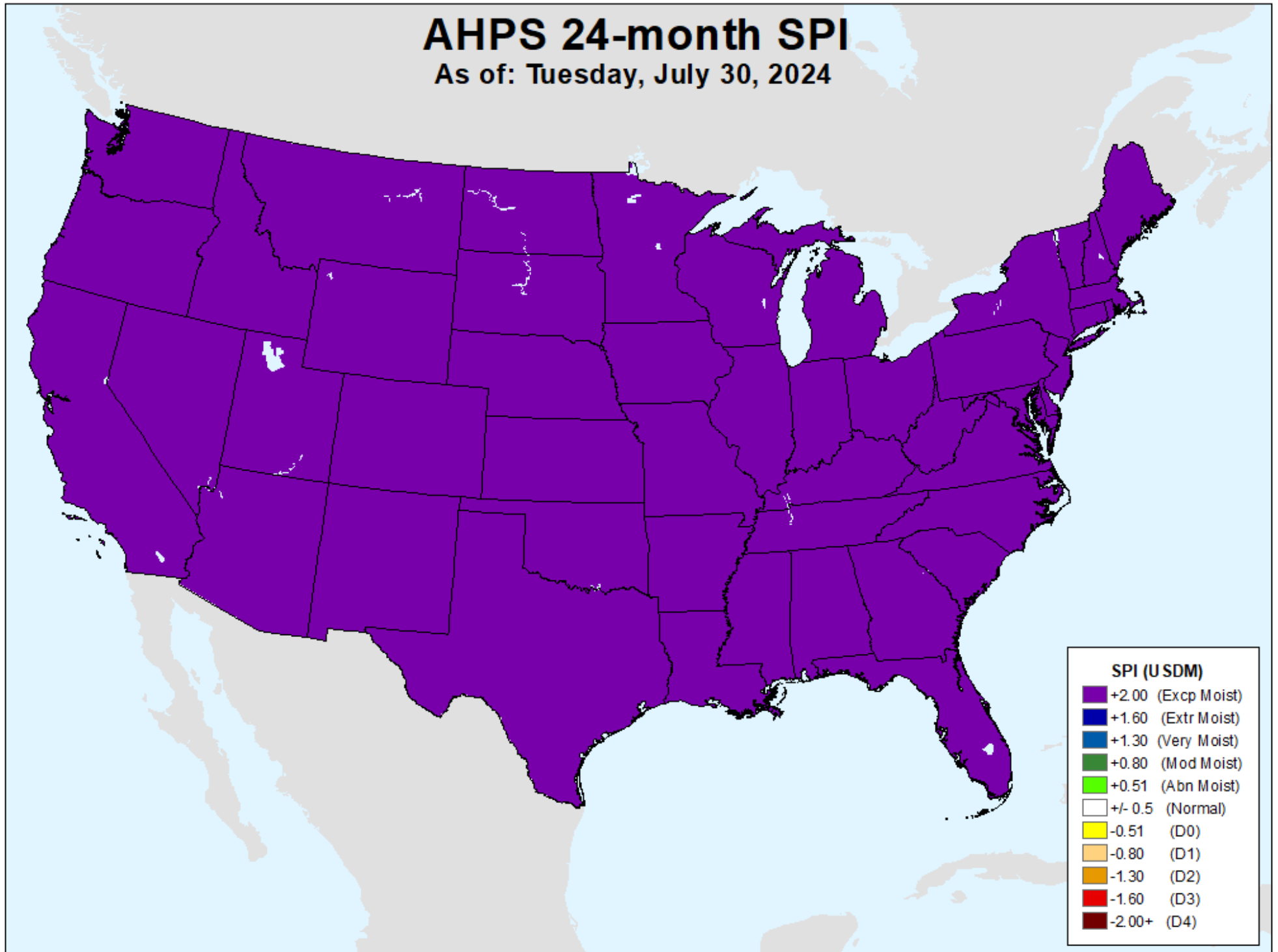
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

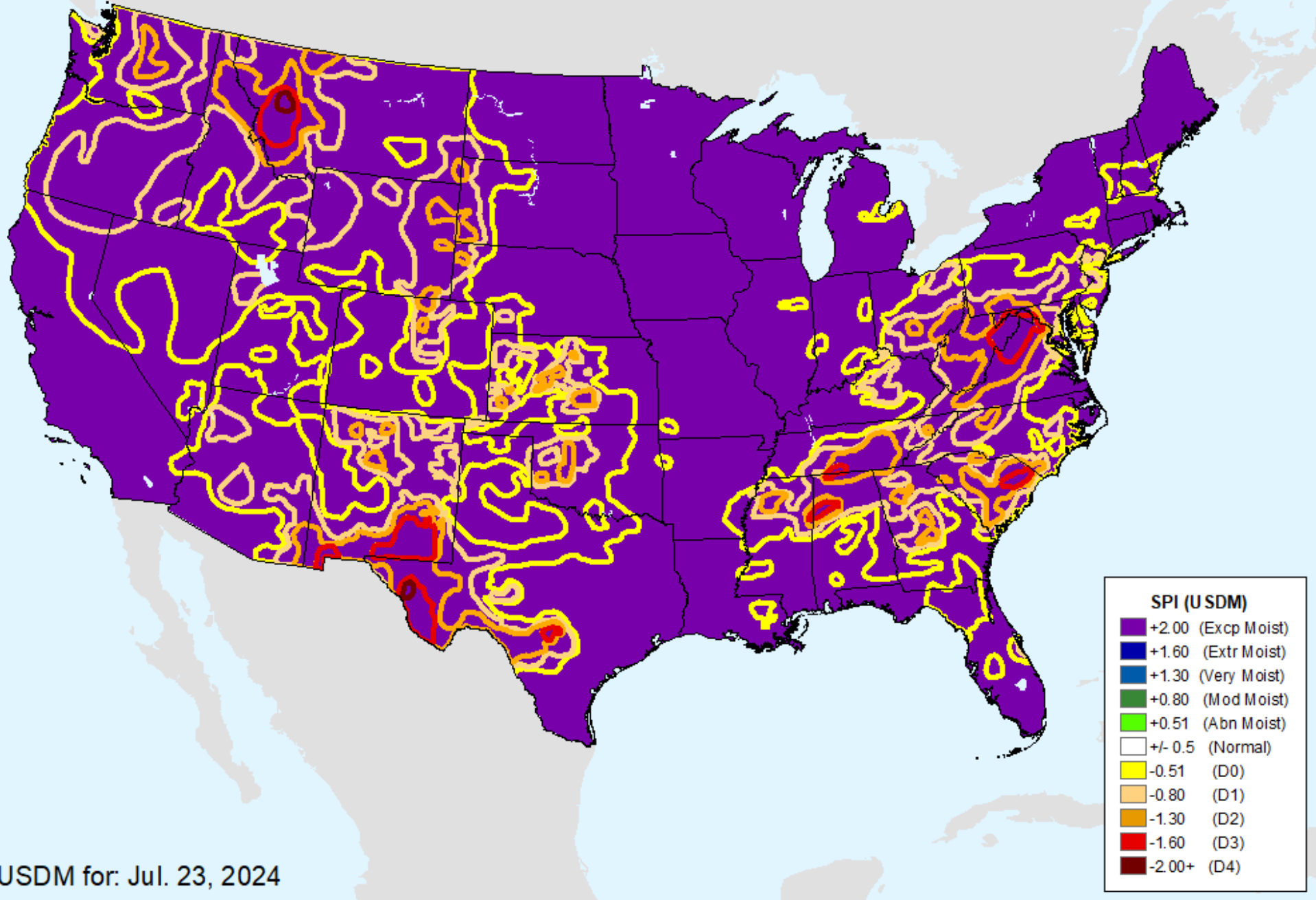
AHPS 24-month SPI

As of: Tuesday, July 30, 2024



AHPS 36-month SPI

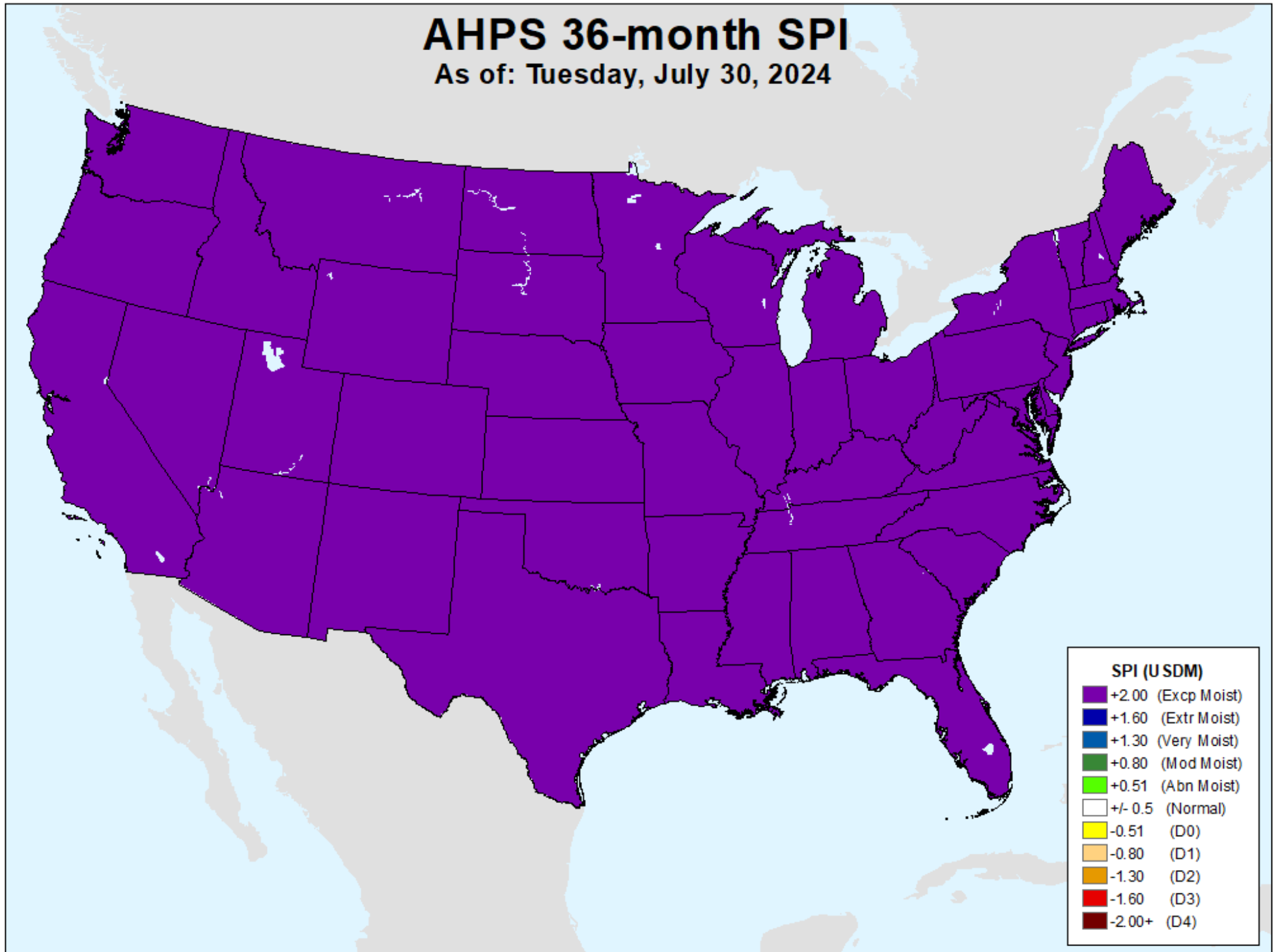
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

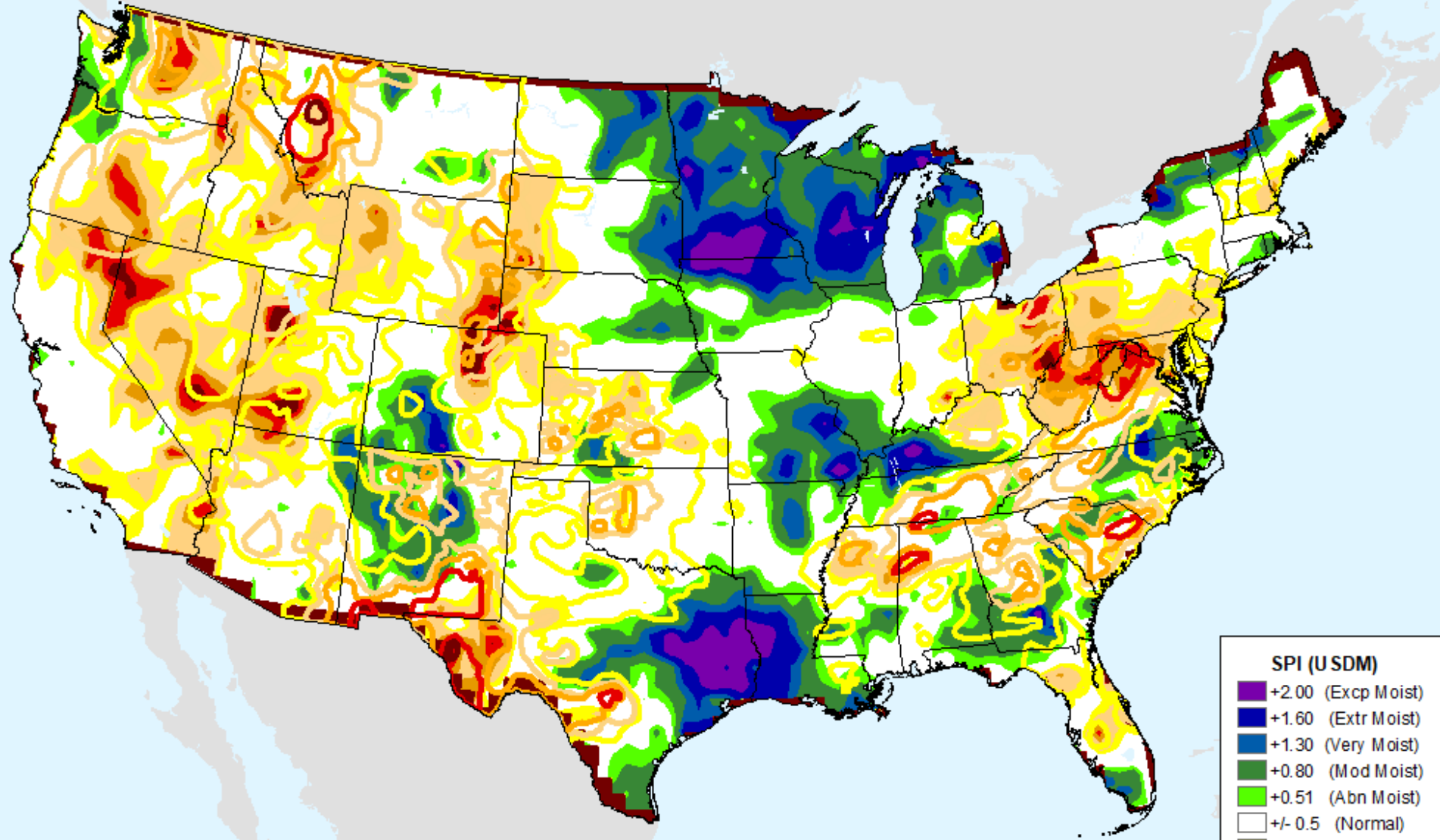
AHPS 36-month SPI

As of: Tuesday, July 30, 2024



CPC 3-month SPI

As of: Tuesday, July 30, 2024

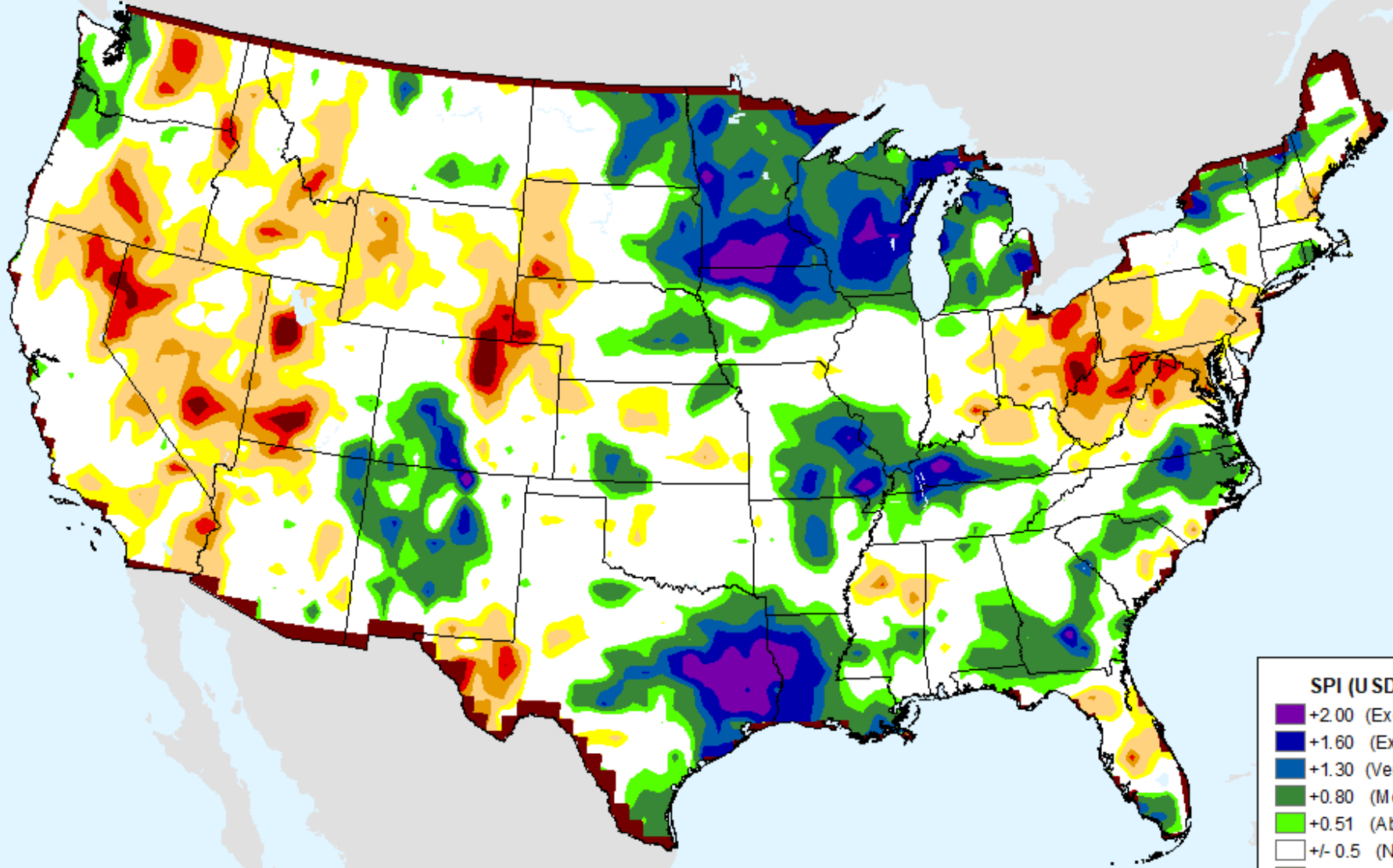


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Dark Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Jul. 23, 2024

CPC 3-month SPI

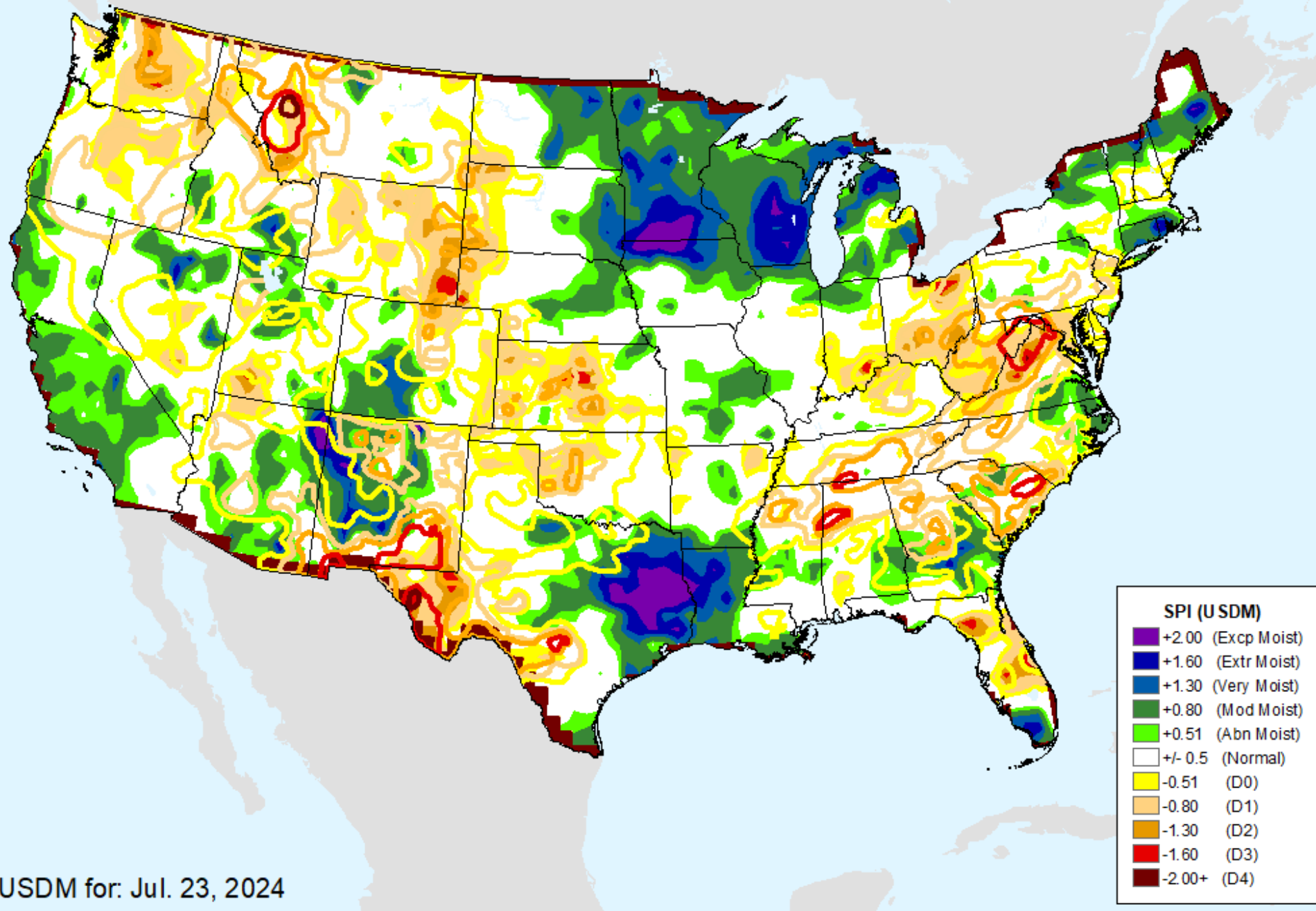
As of: Tuesday, July 30, 2024



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 6-month SPI

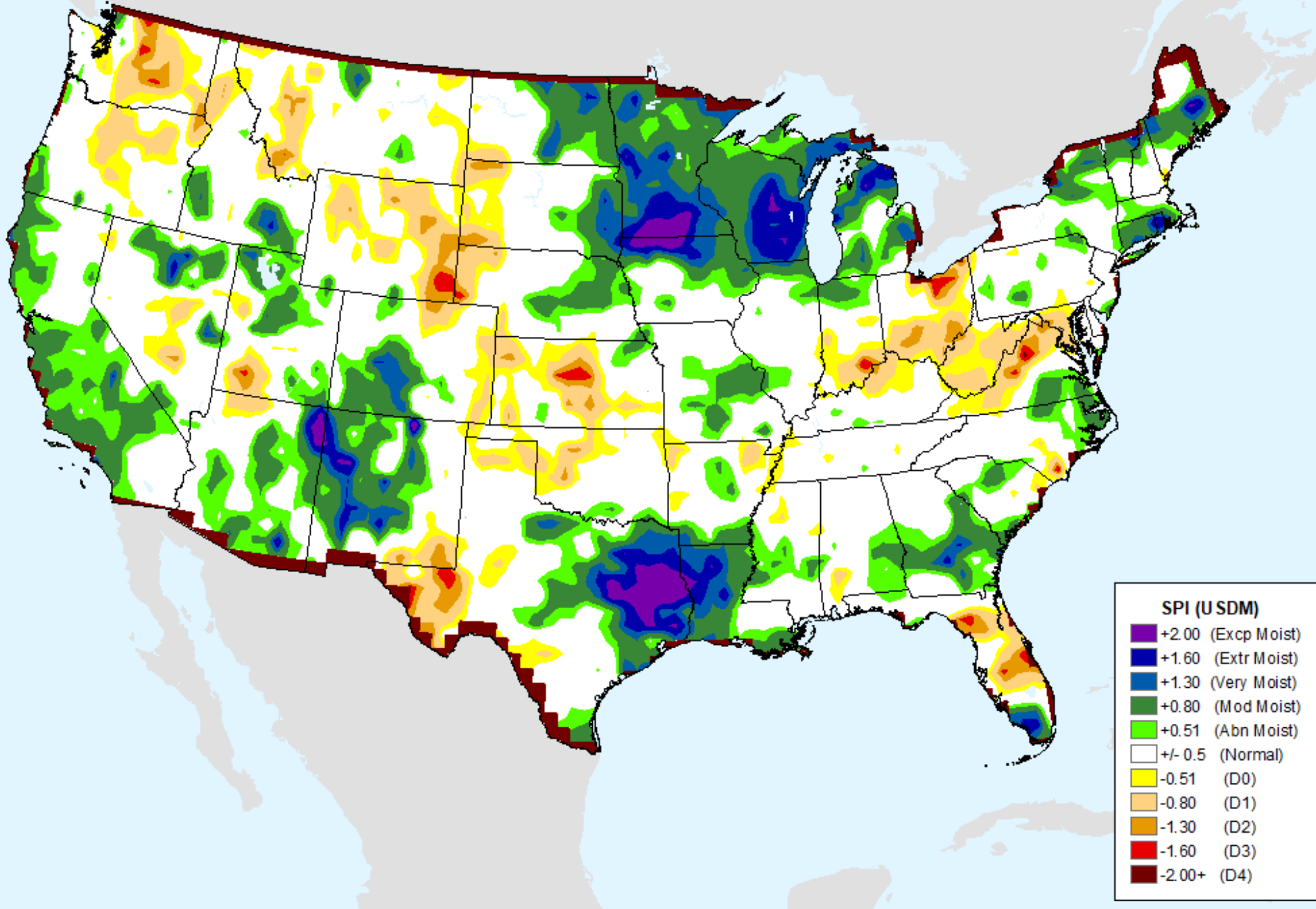
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

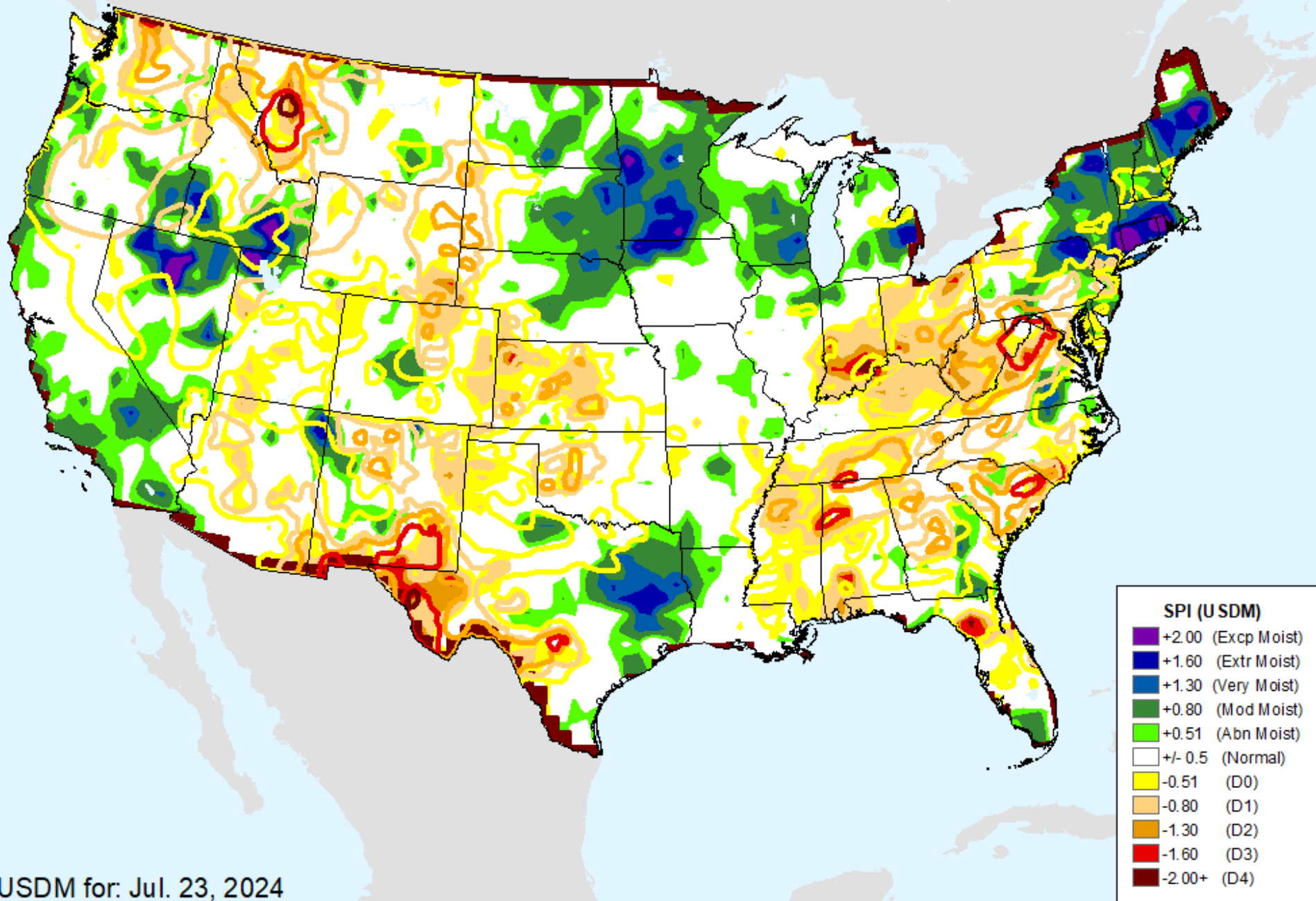
CPC 6-month SPI

As of: Tuesday, July 30, 2024



CPC 12-month SPI

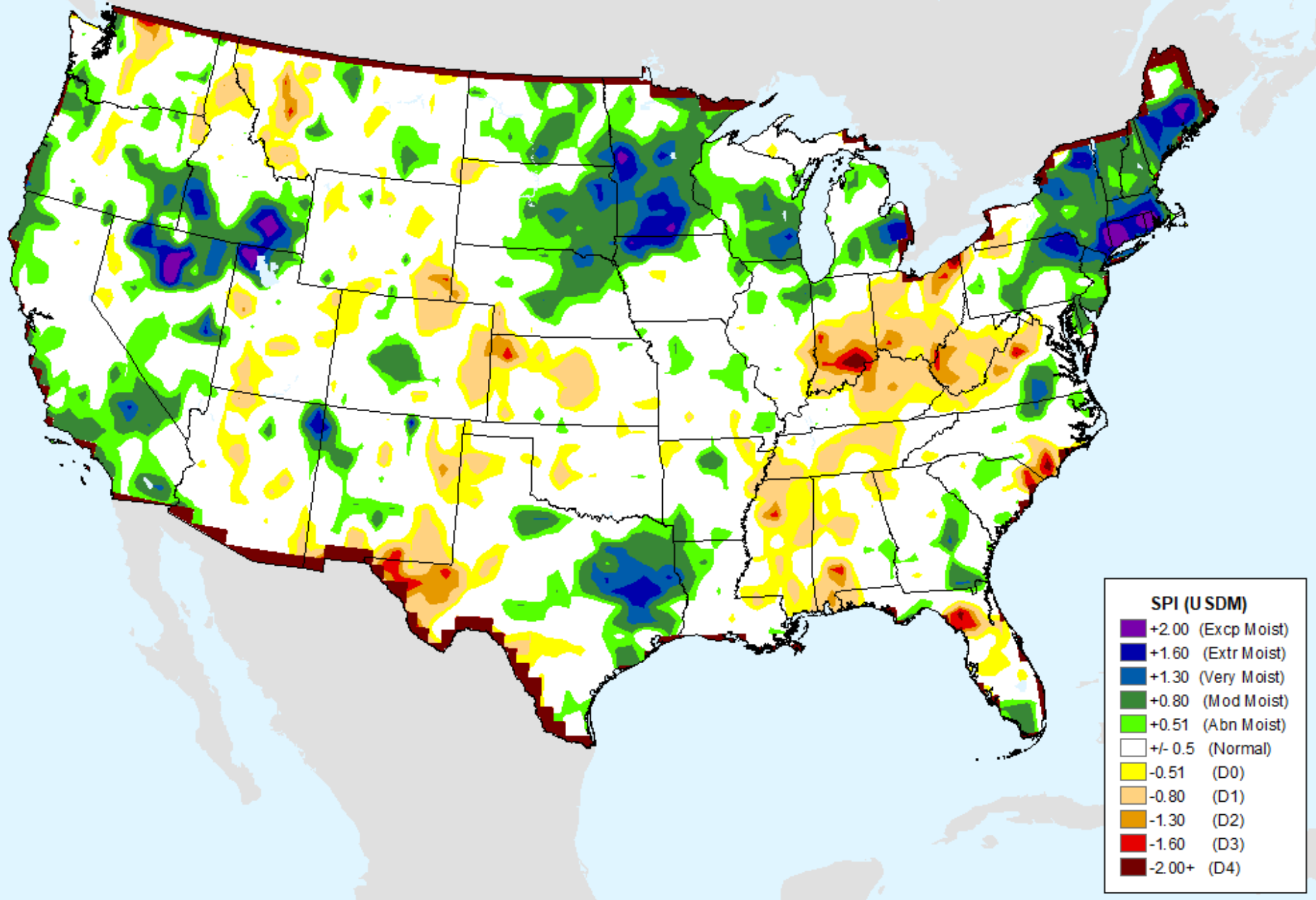
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

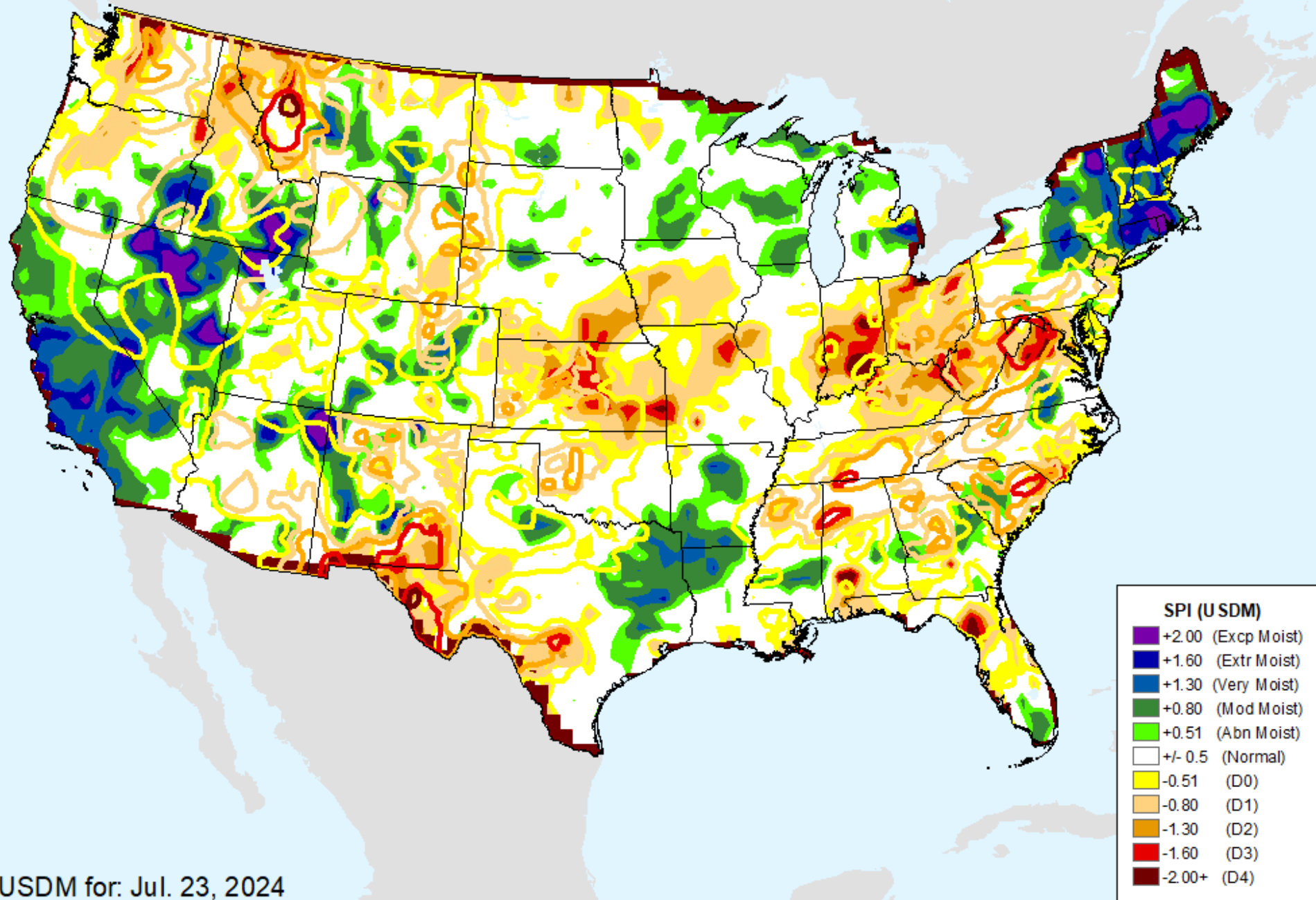
CPC 12-month SPI

As of: Tuesday, July 30, 2024



CPC 24-month SPI

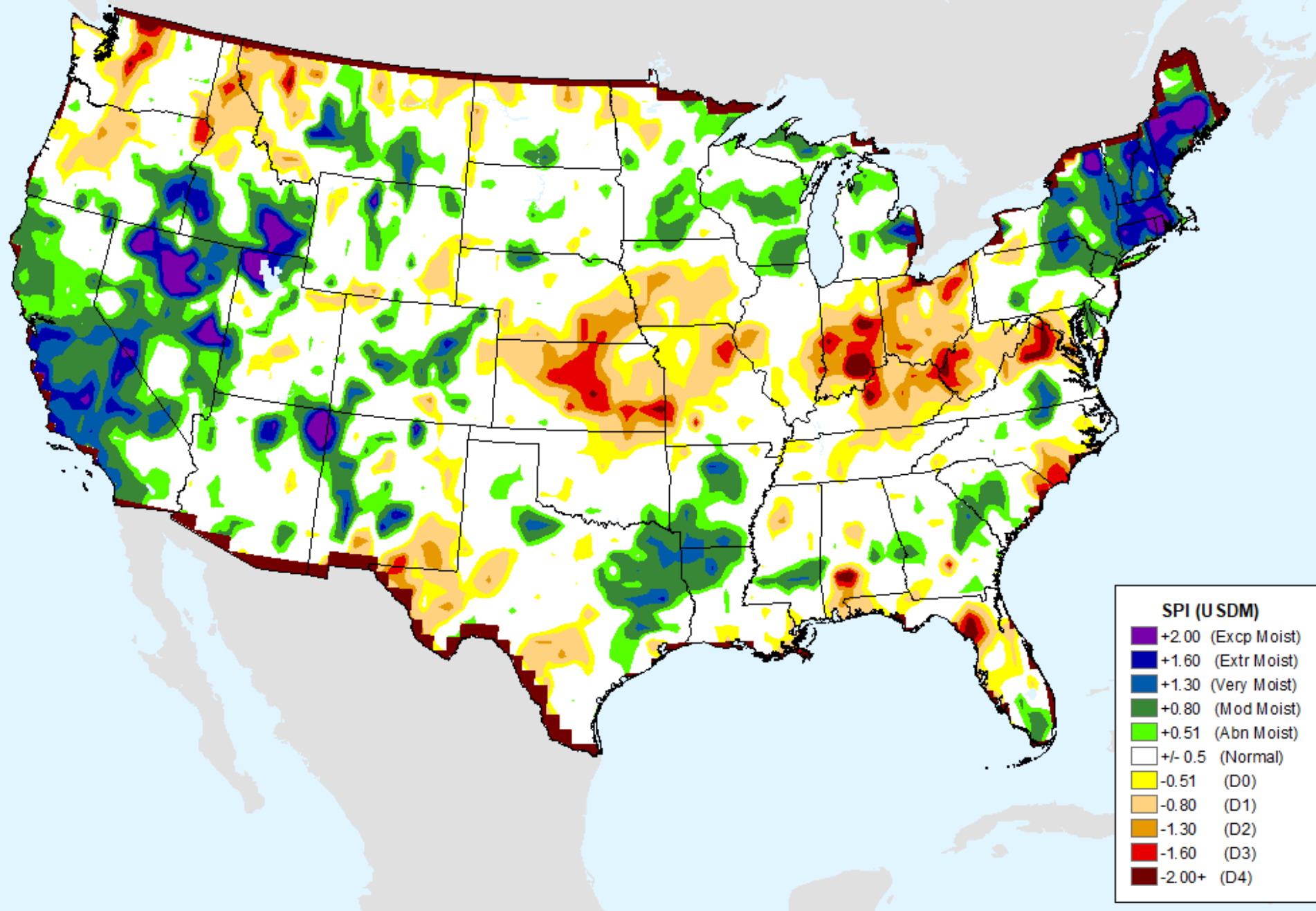
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

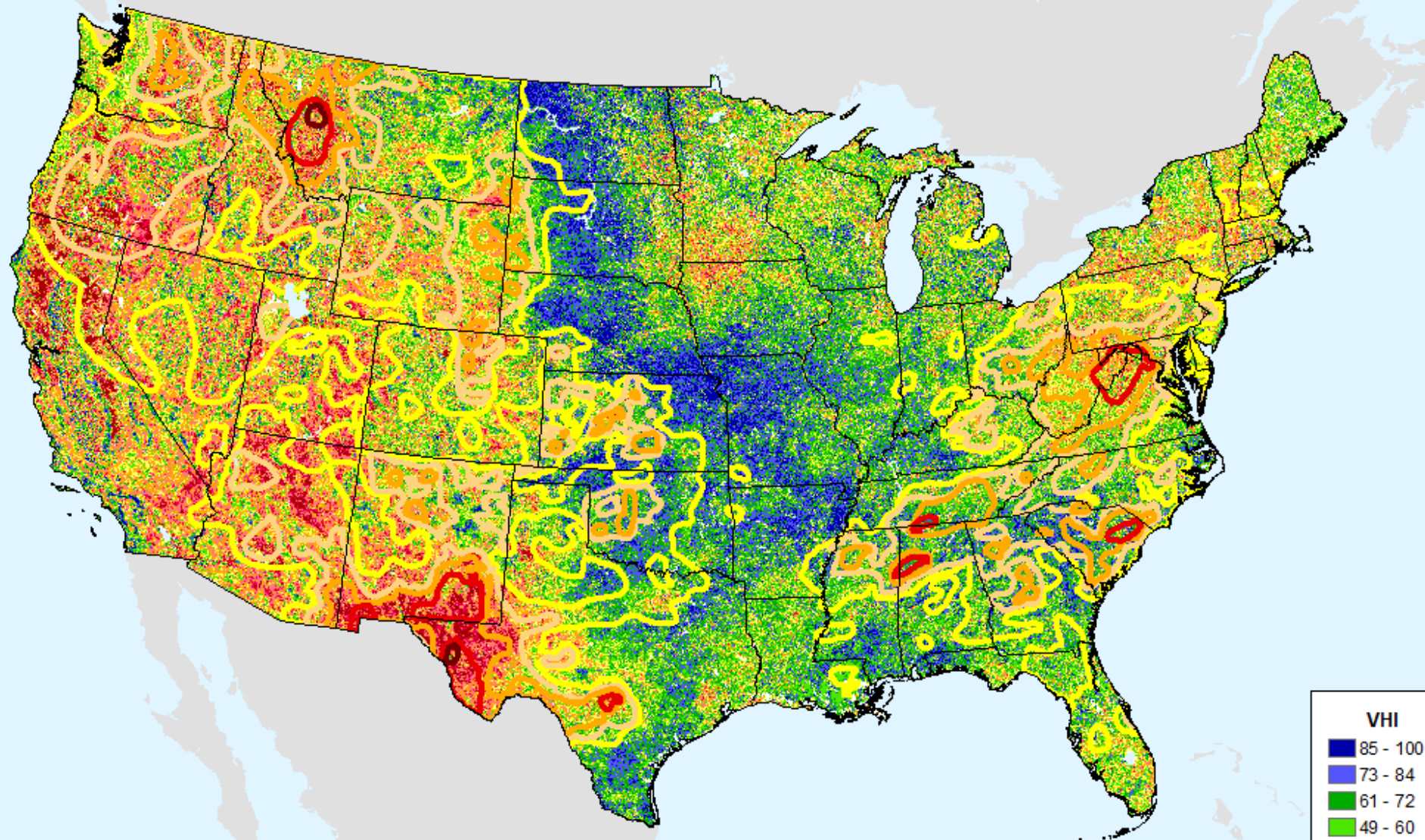
CPC 24-month SPI

As of: Tuesday, July 30, 2024



Vegetation Health Index

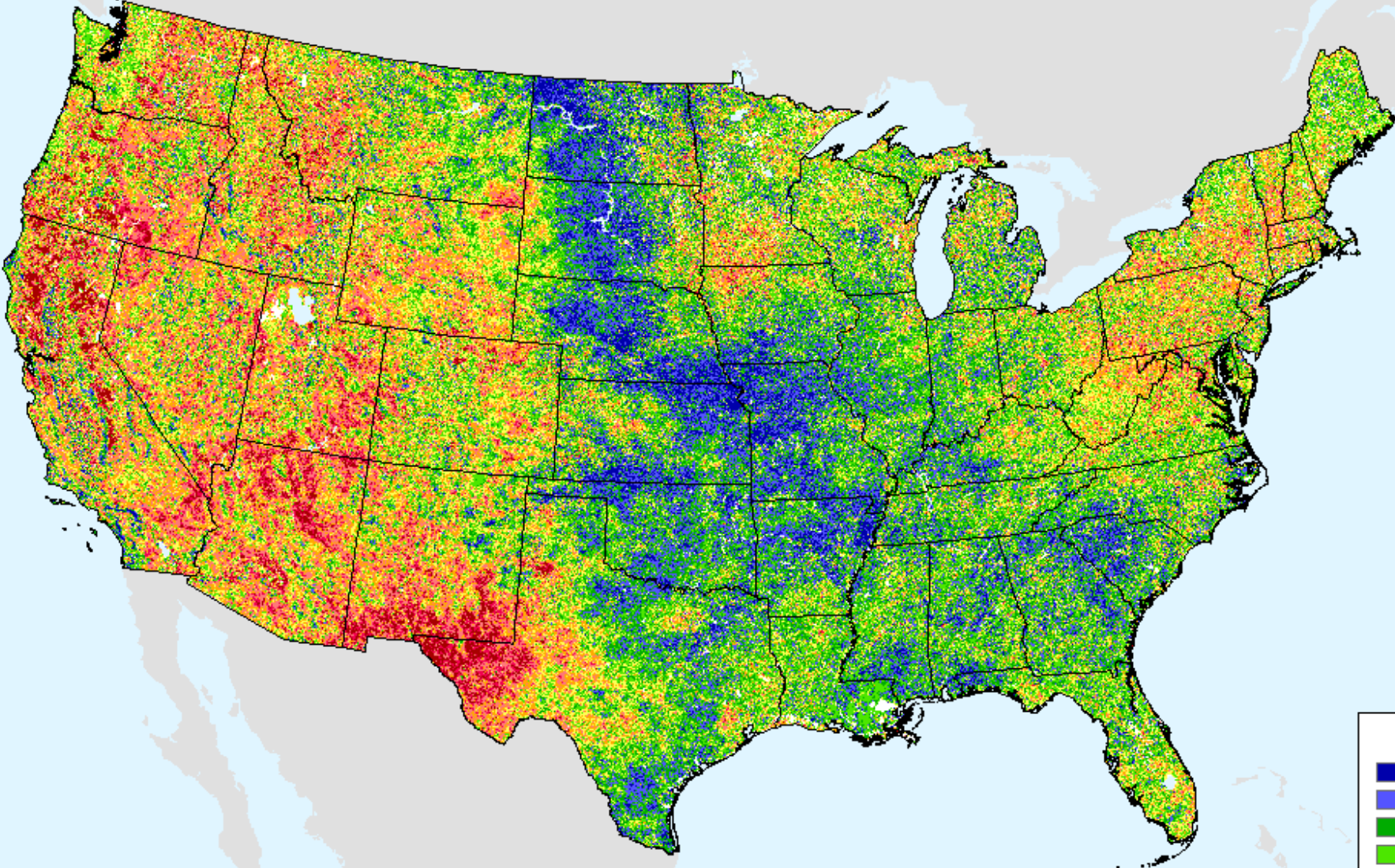
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

Vegetation Health Index

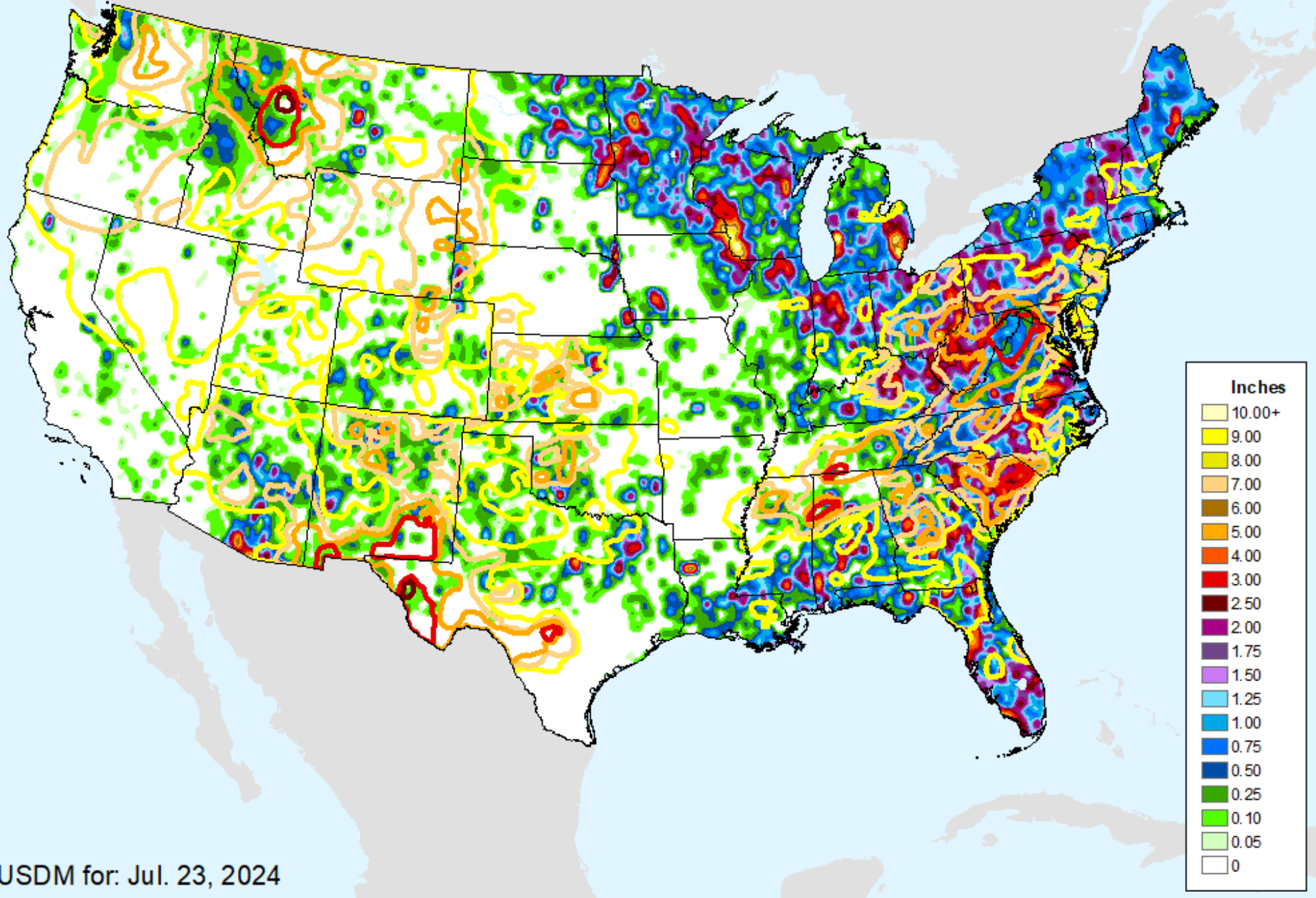
As of: Tuesday, July 30, 2024



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

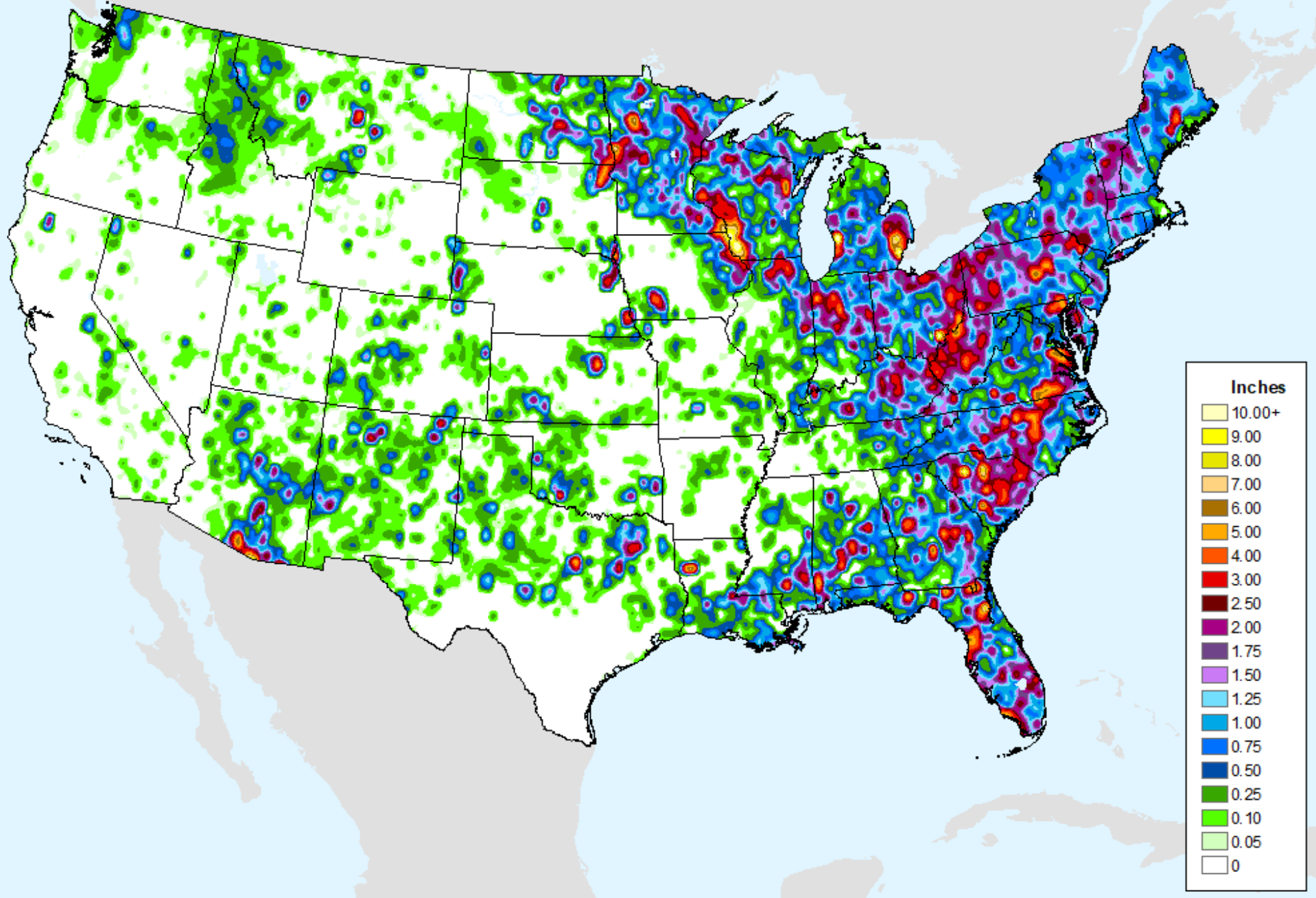
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

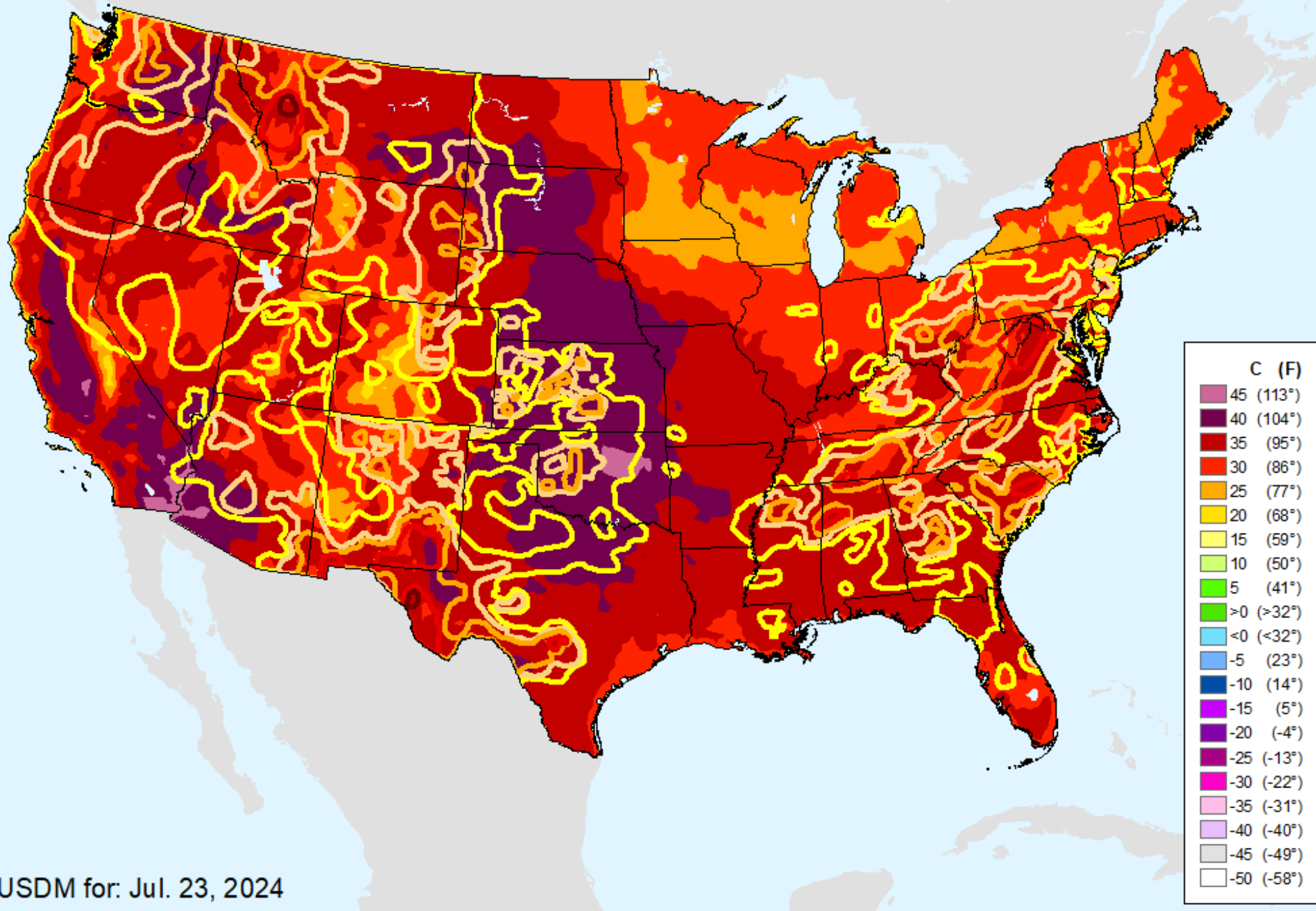
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, July 30, 2024



GFS (00z) 7-Day Max Temp Forecast

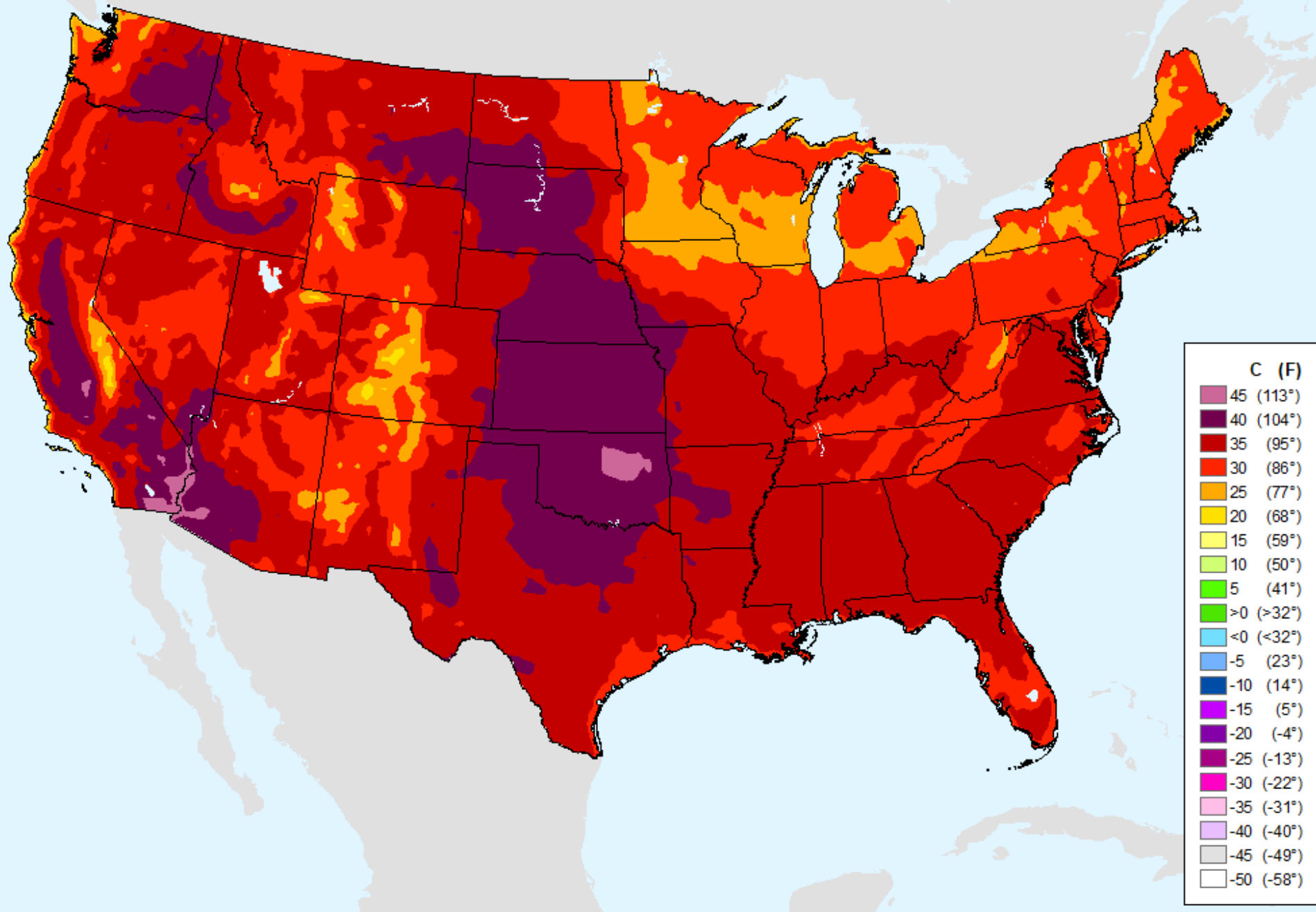
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

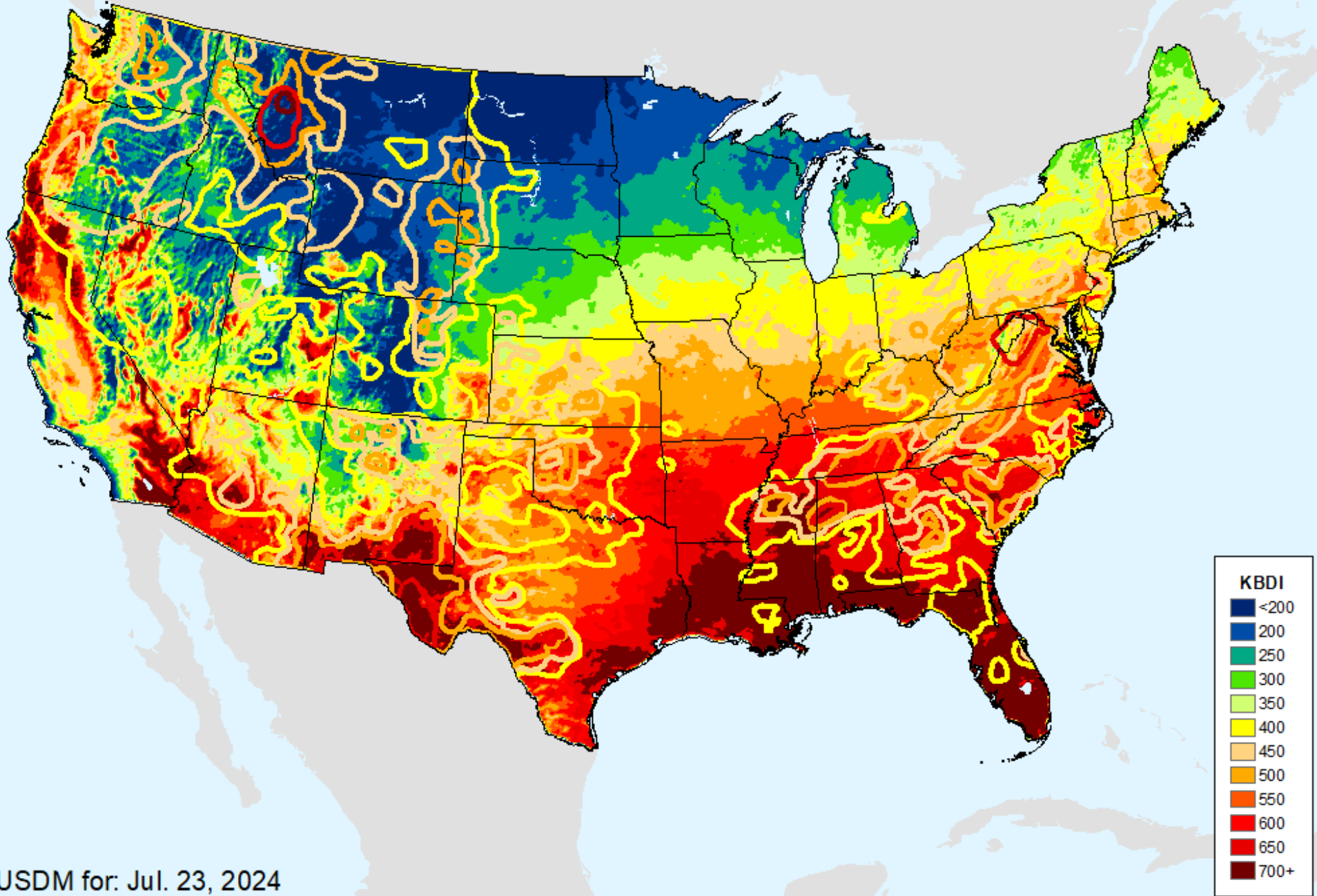
GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, July 30, 2024



Keetch-Byram Drought Index (KBDI)

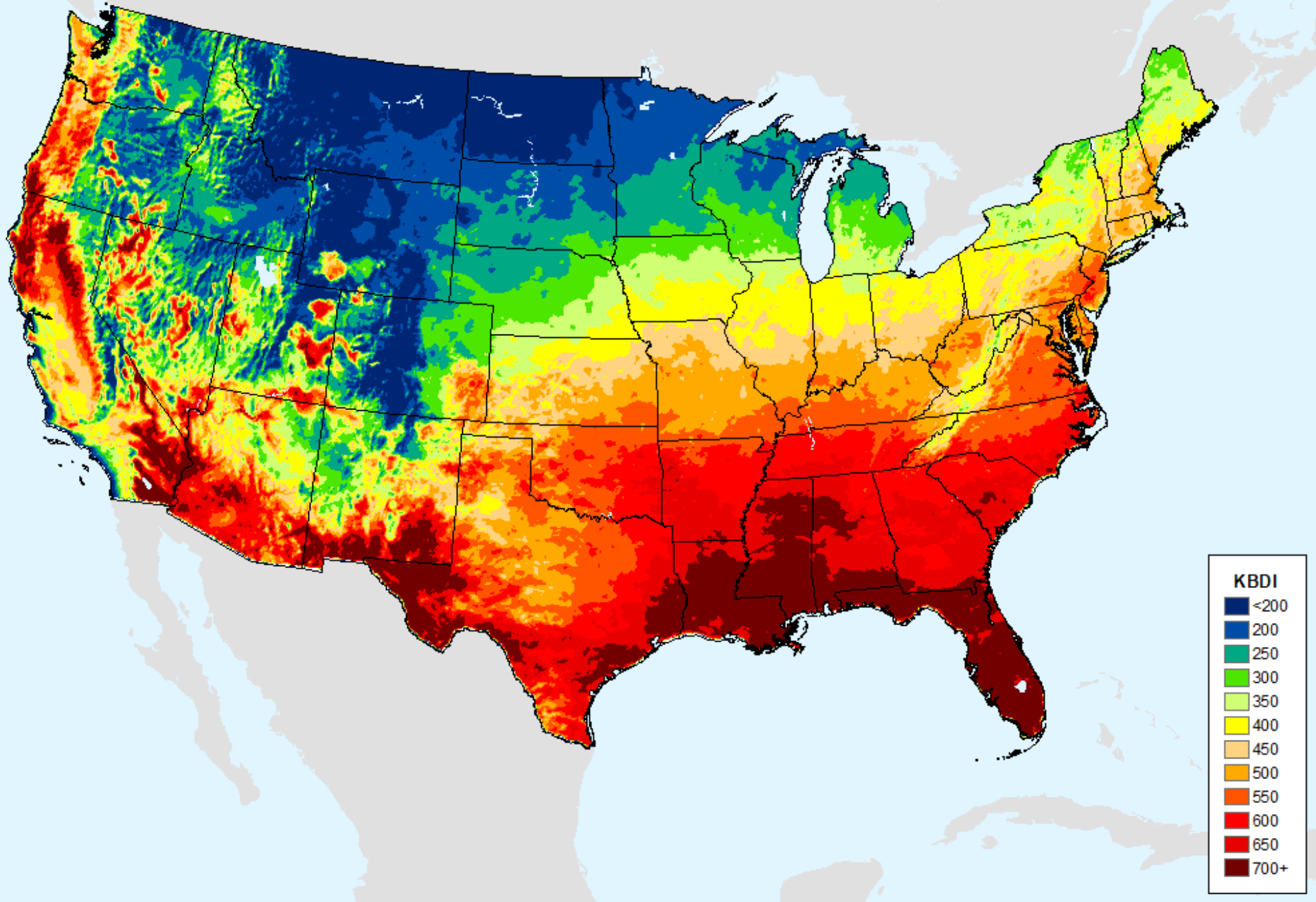
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

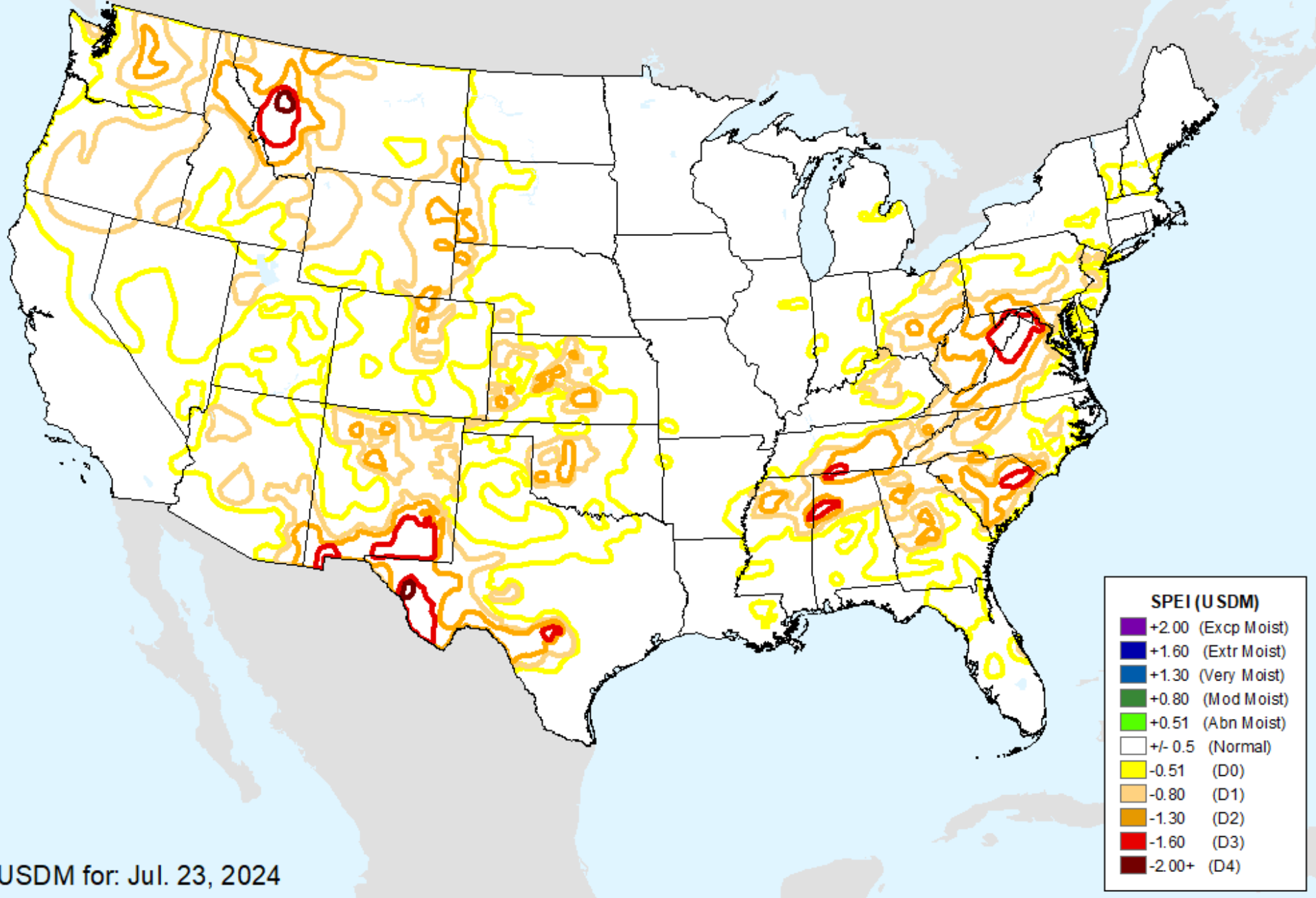
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, July 30, 2024



AHPS 1-month SPEI

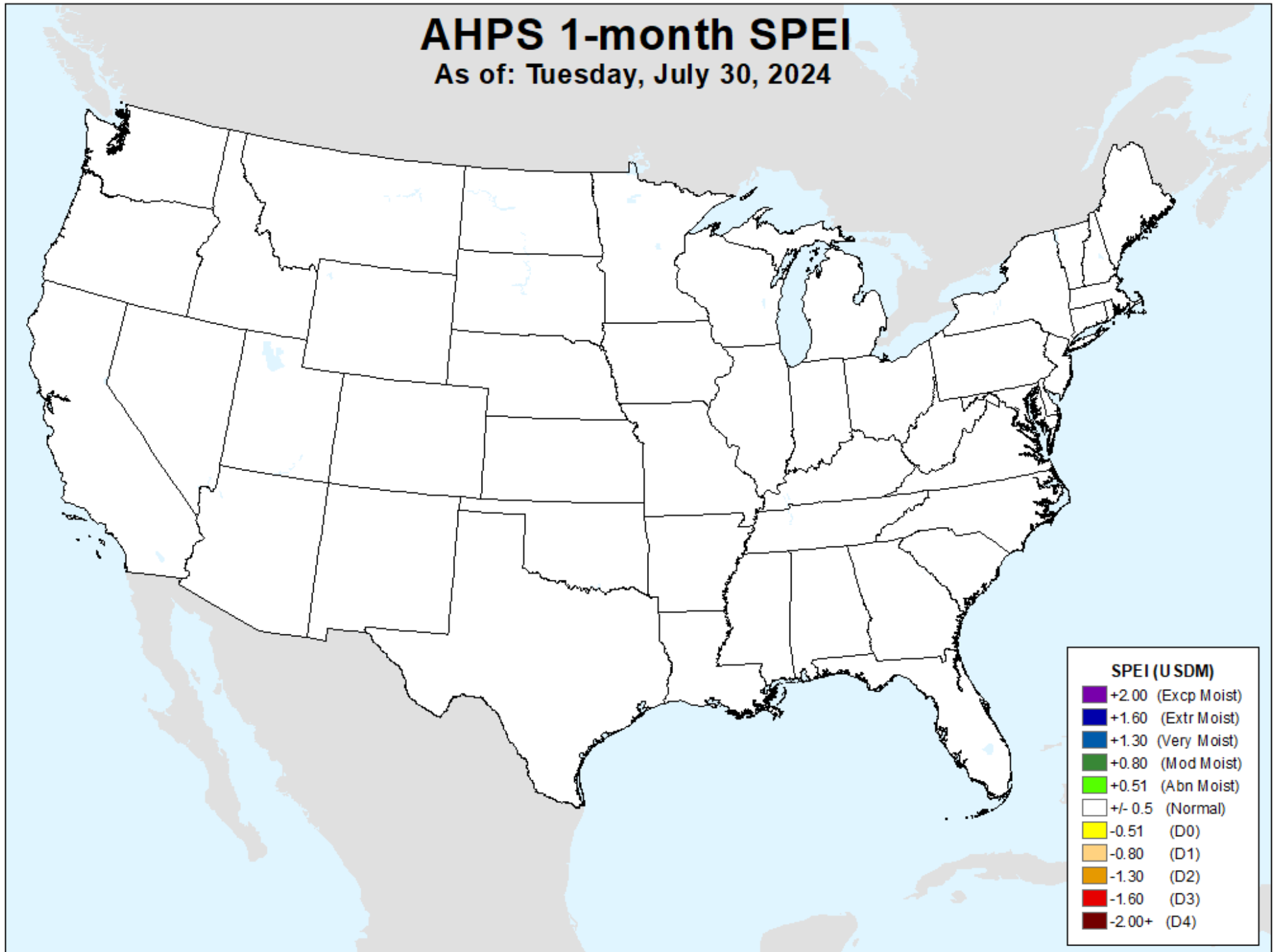
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

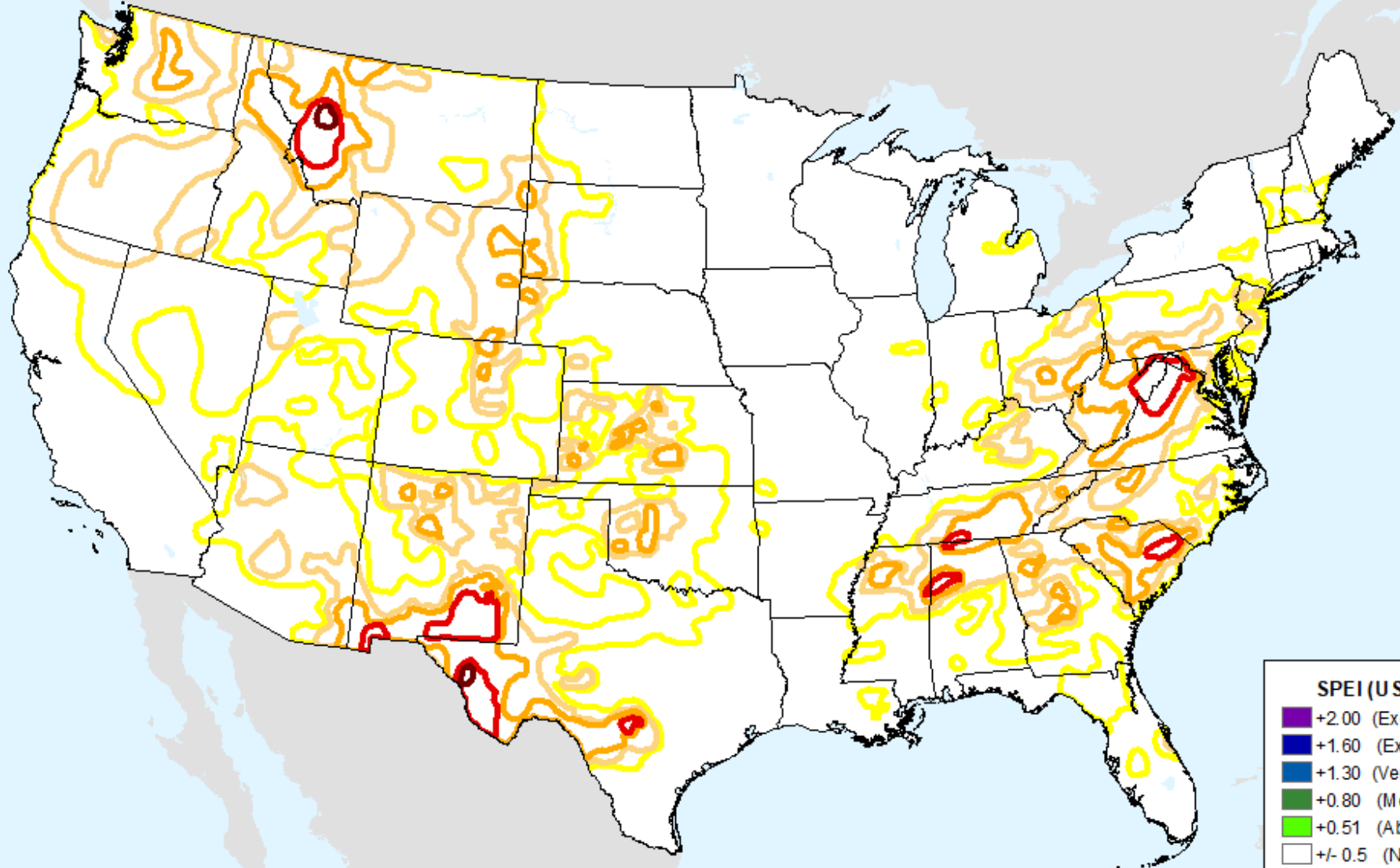
AHPS 1-month SPEI

As of: Tuesday, July 30, 2024



AHPS 2-month SPEI

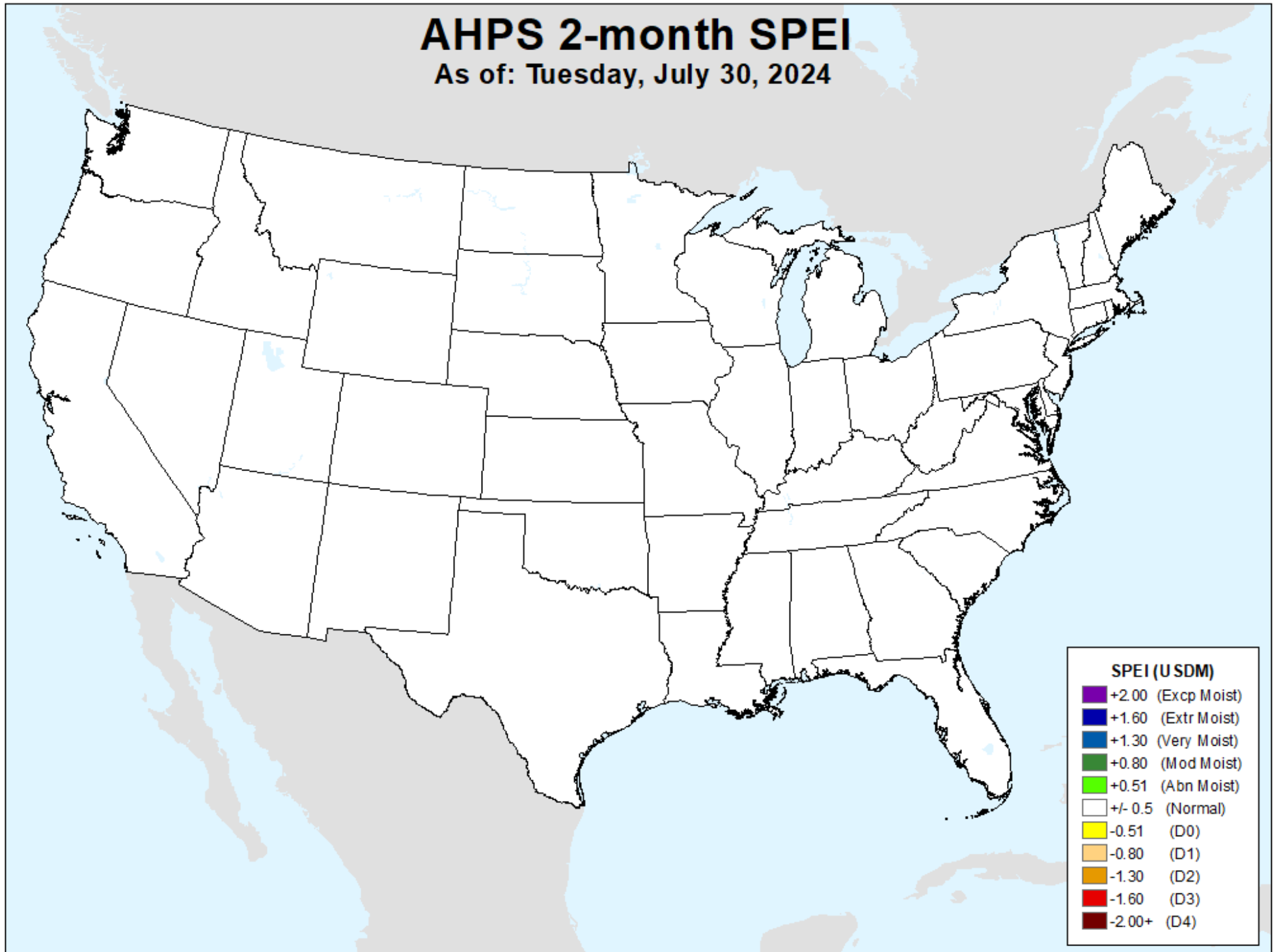
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

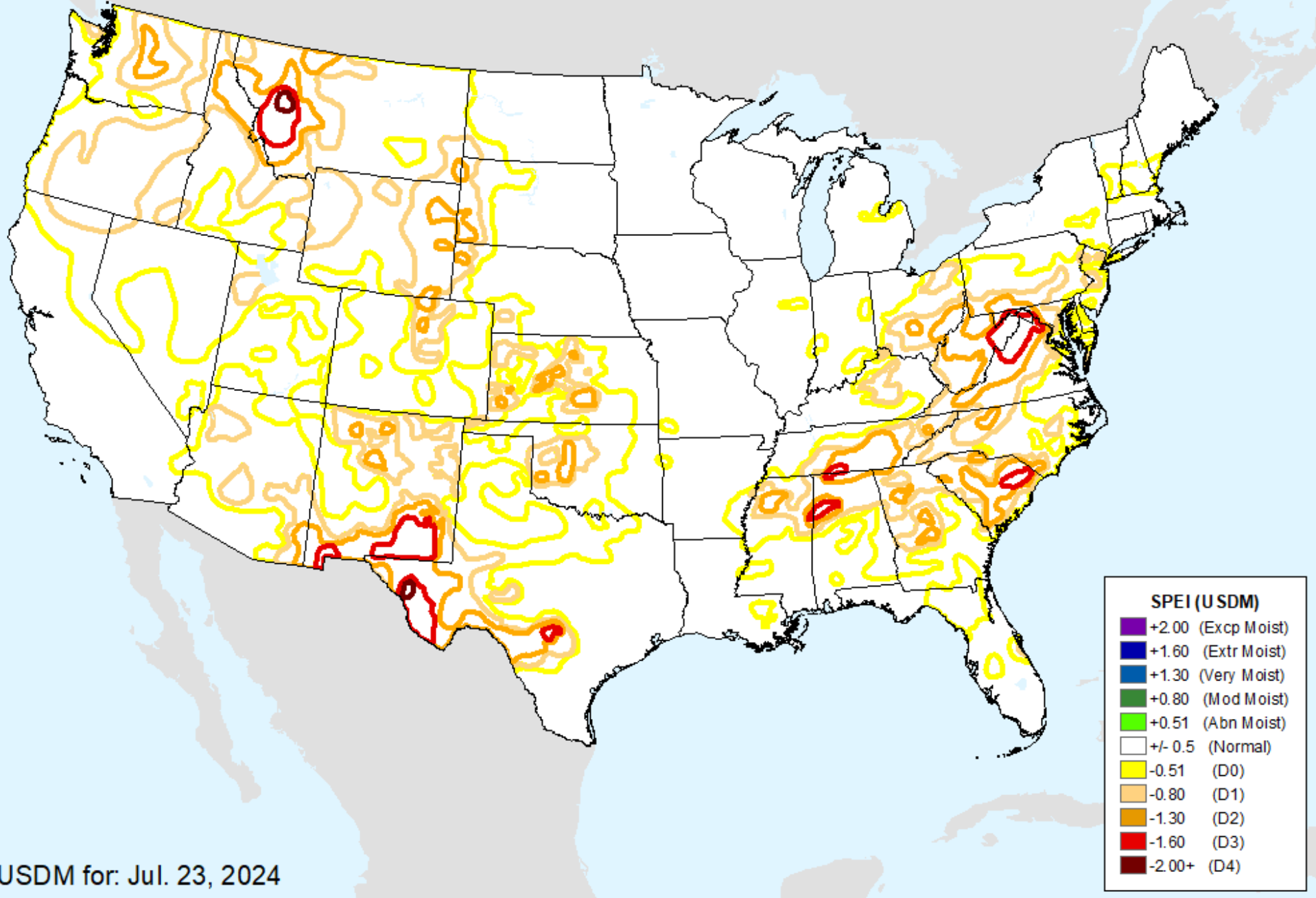
AHPS 2-month SPEI

As of: Tuesday, July 30, 2024



AHPS 3-month SPEI

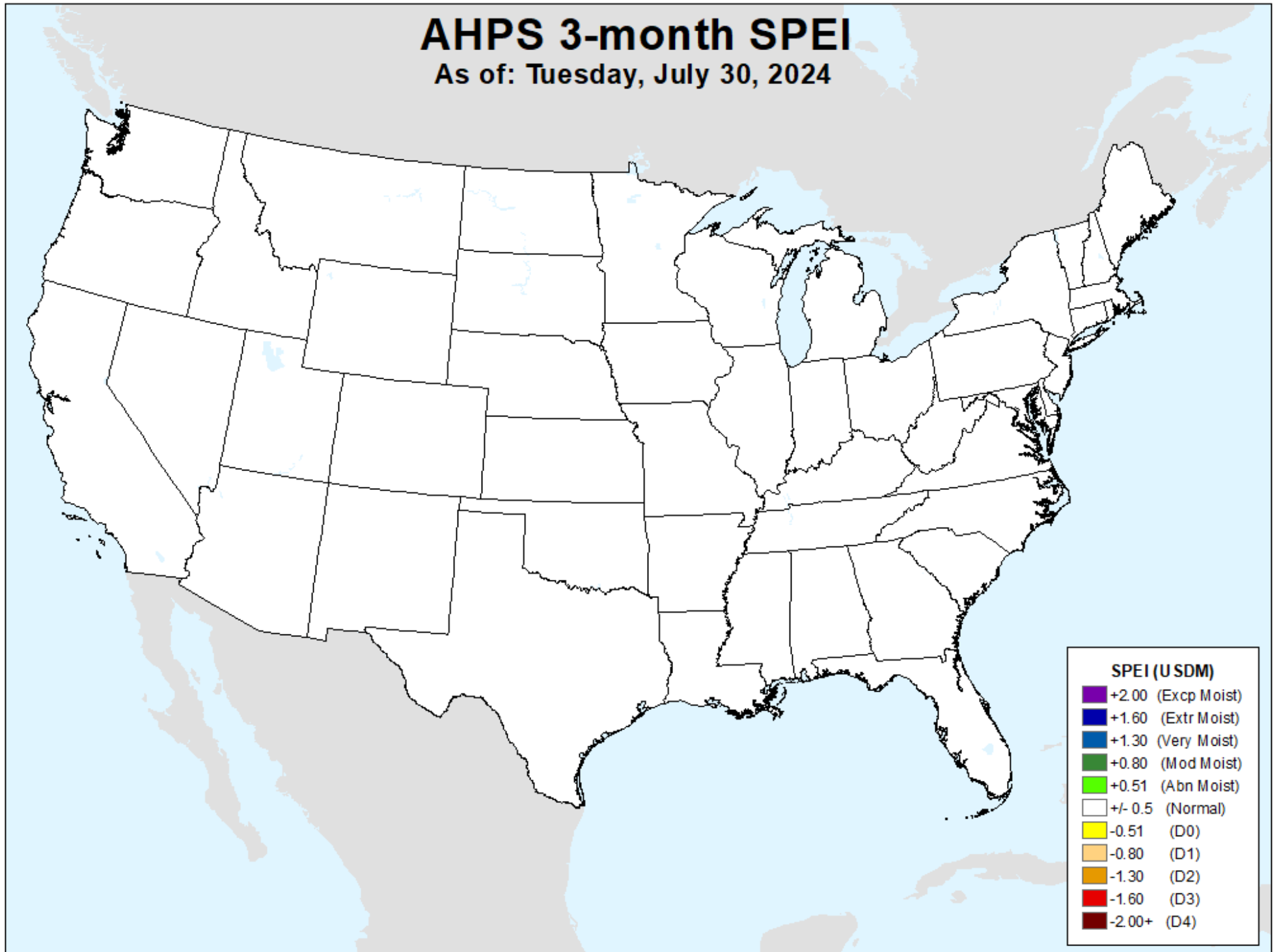
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

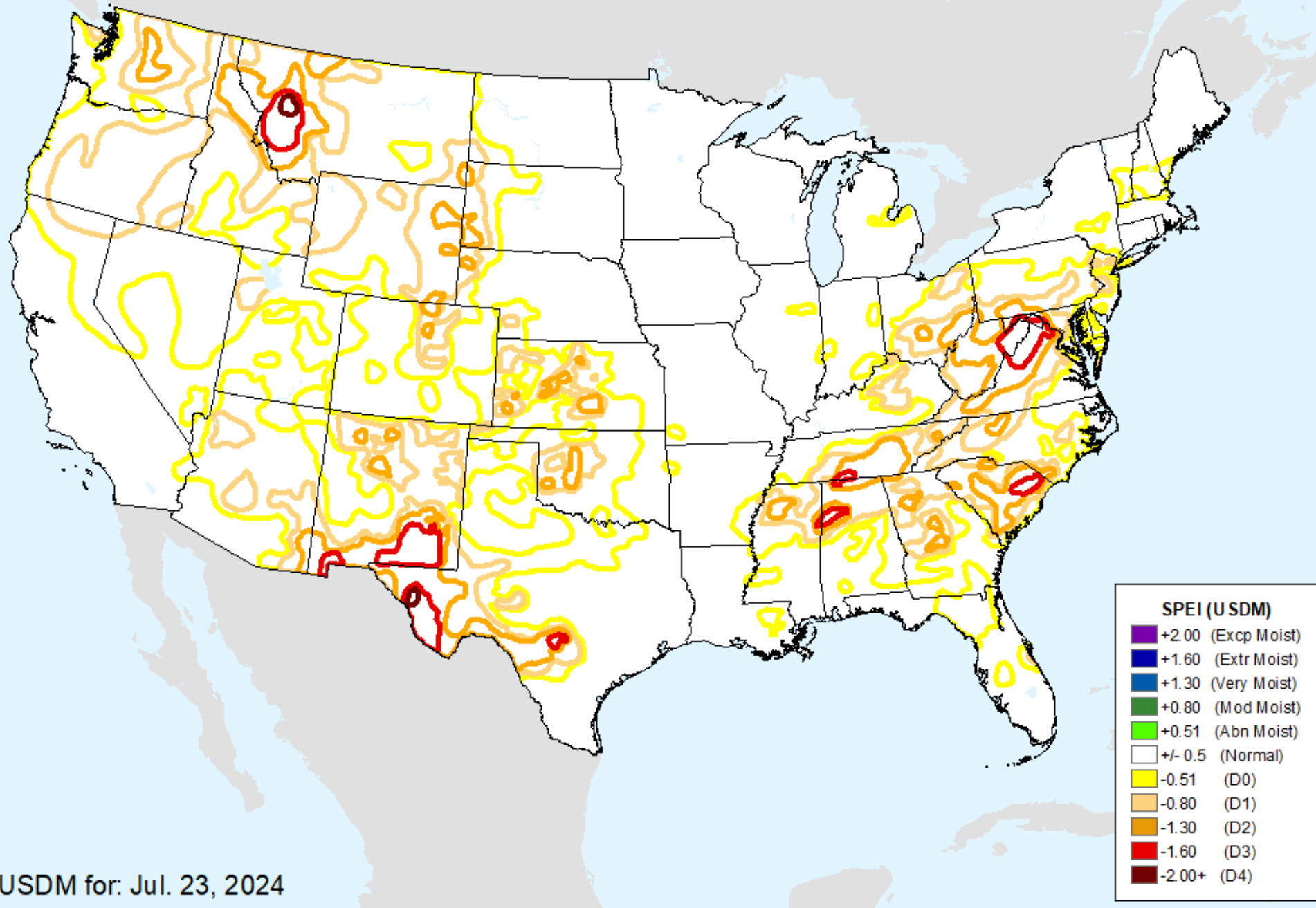
AHPS 3-month SPEI

As of: Tuesday, July 30, 2024



AHPS 6-month SPEI

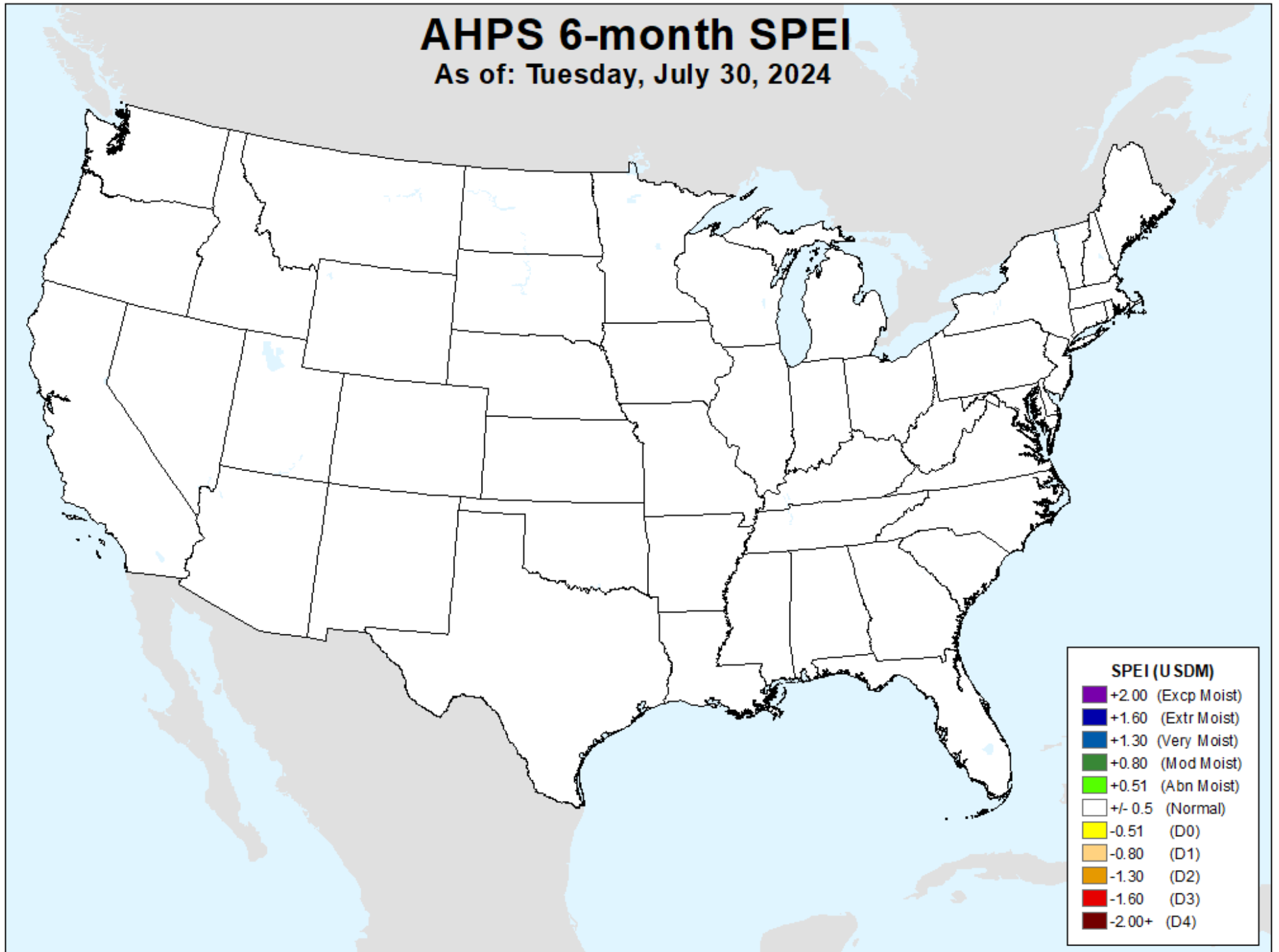
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

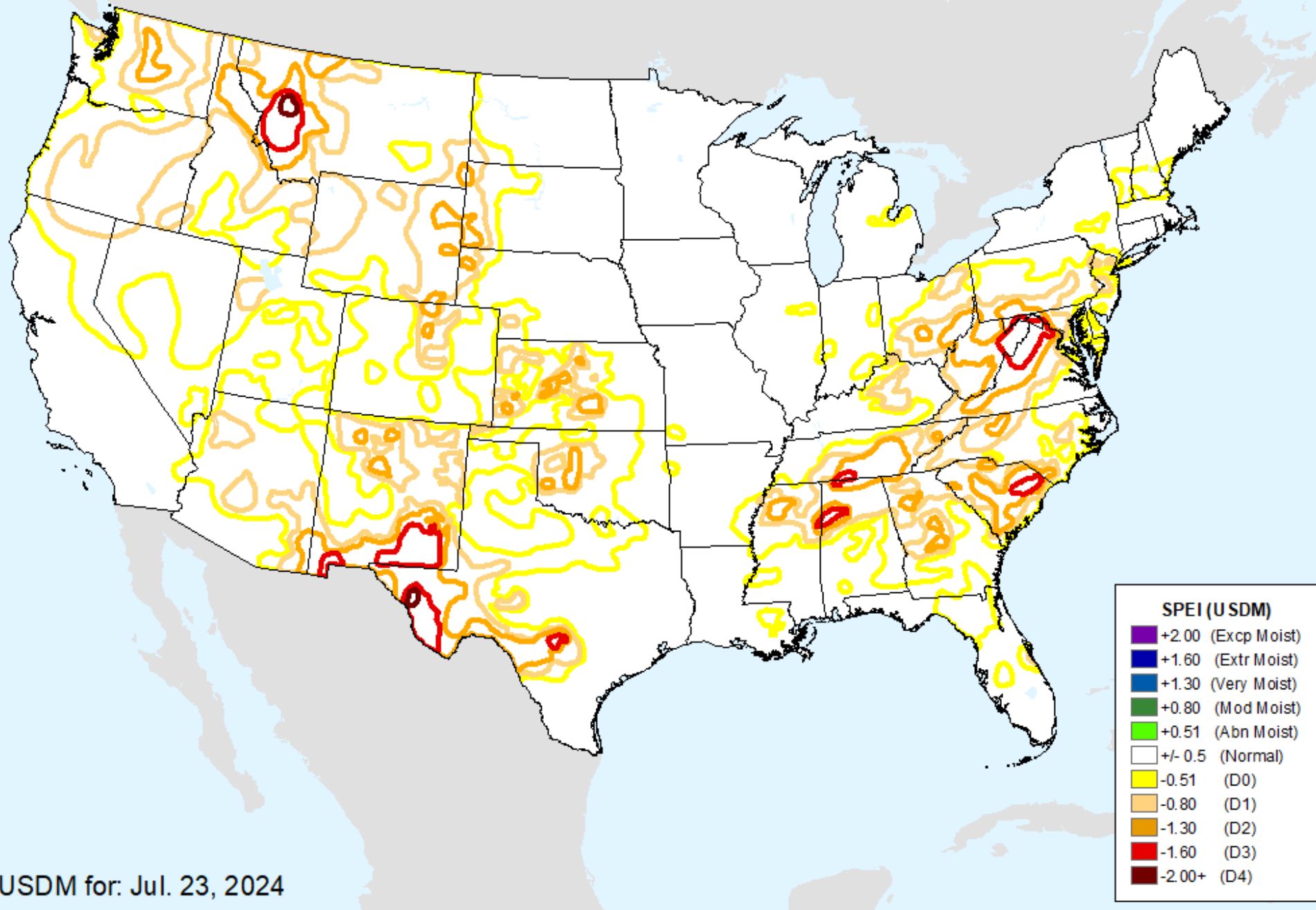
AHPS 6-month SPEI

As of: Tuesday, July 30, 2024



AHPS 9-month SPEI

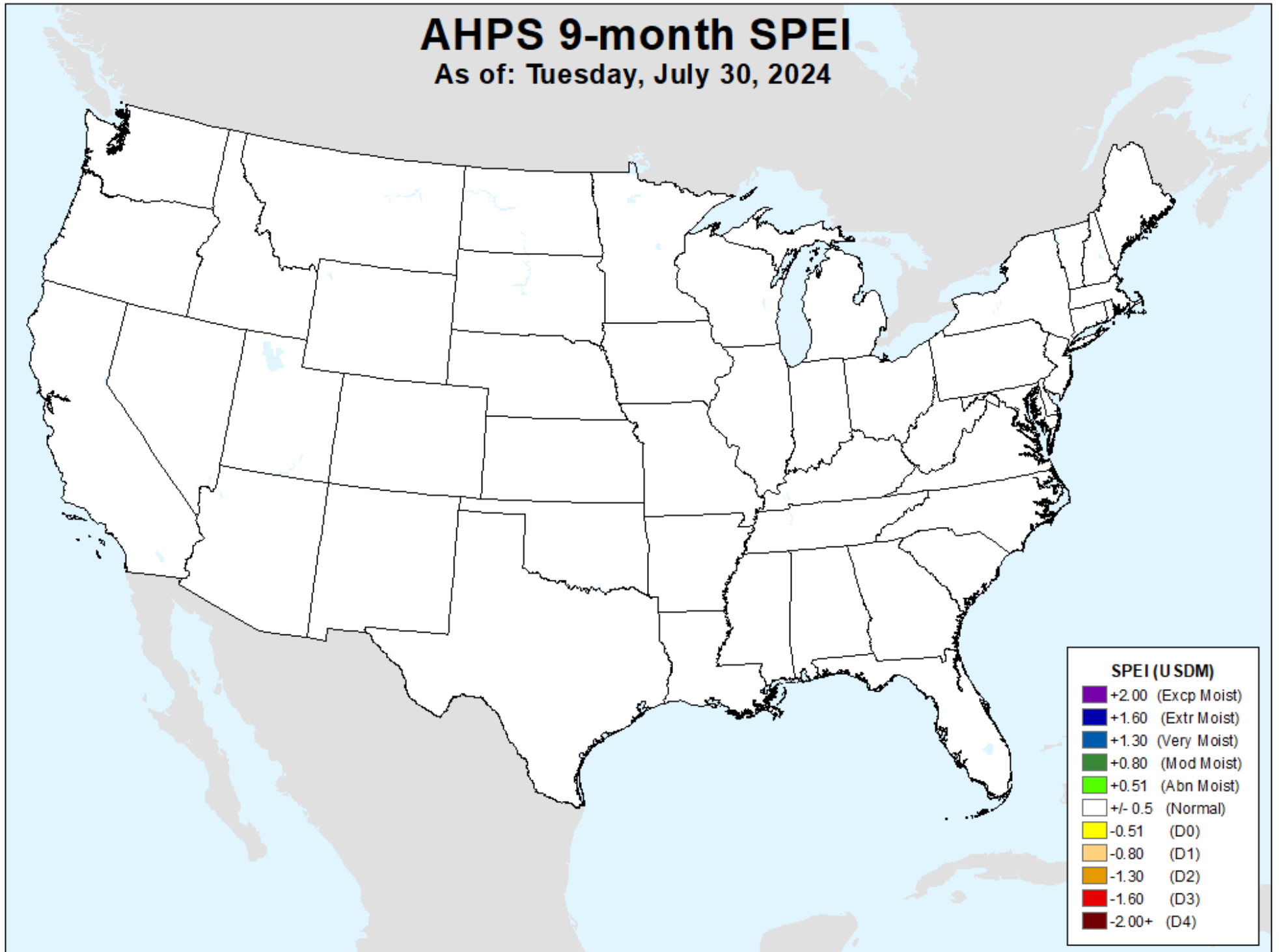
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

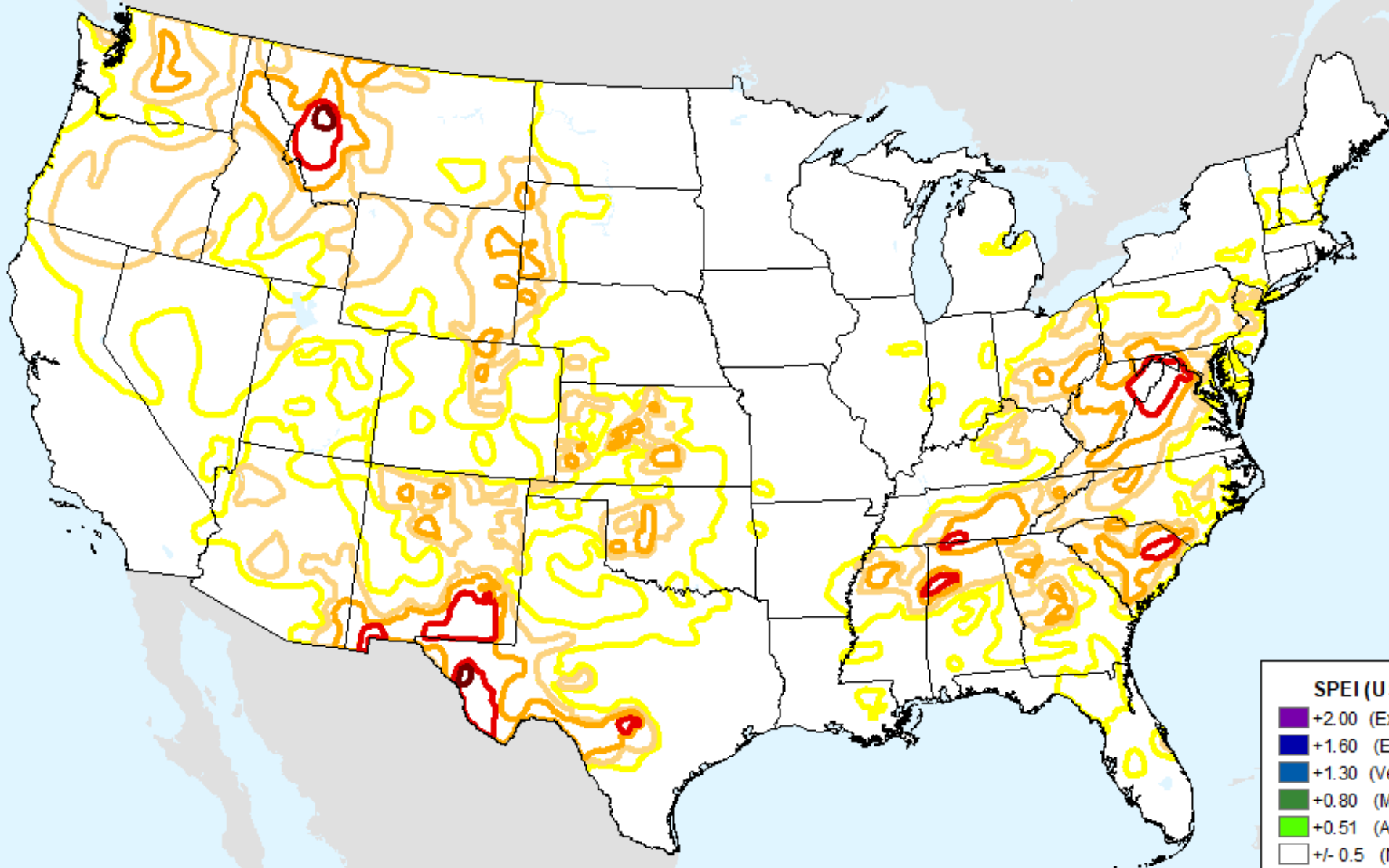
AHPS 9-month SPEI

As of: Tuesday, July 30, 2024



AHPS 12-month SPEI

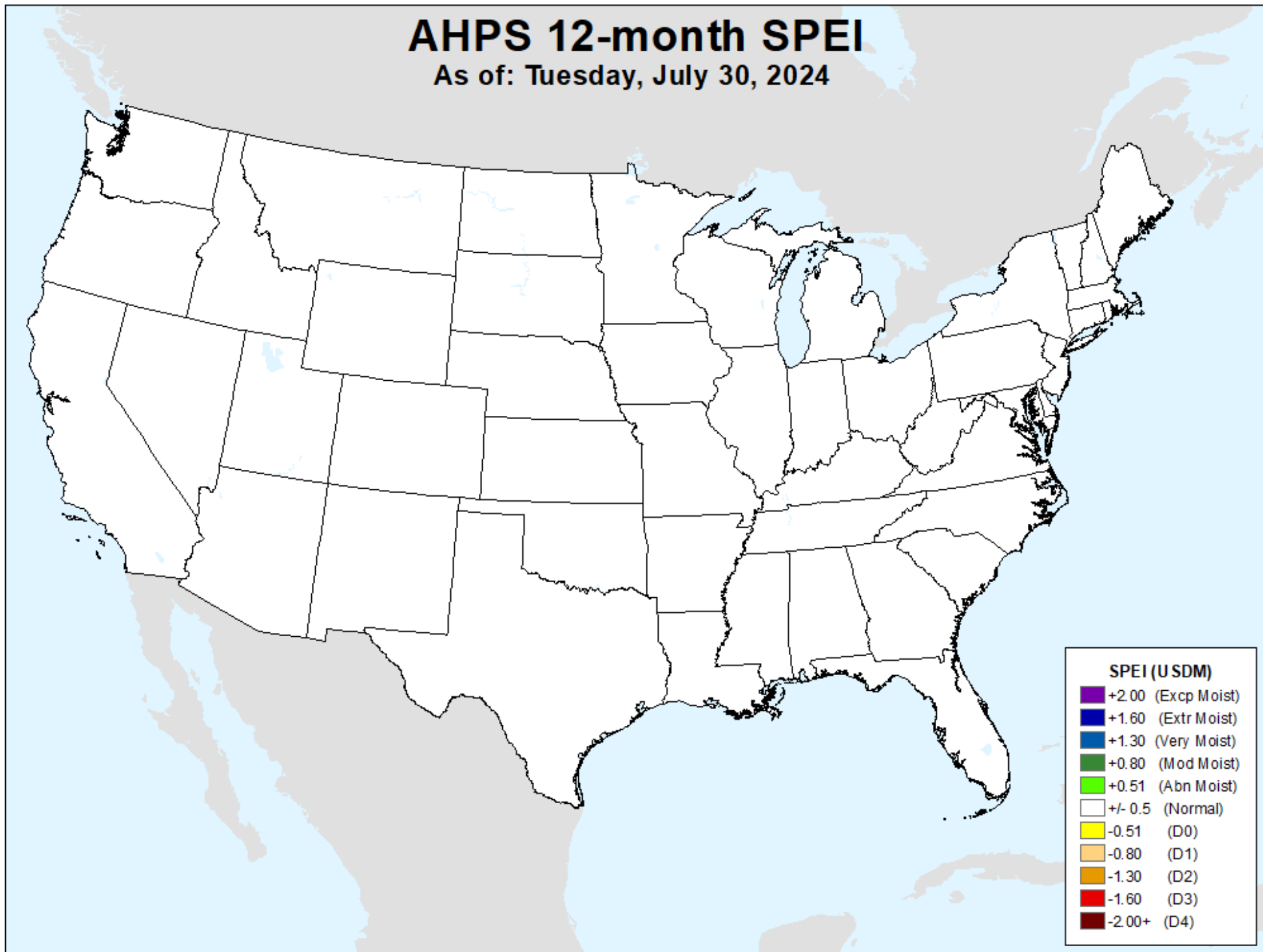
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

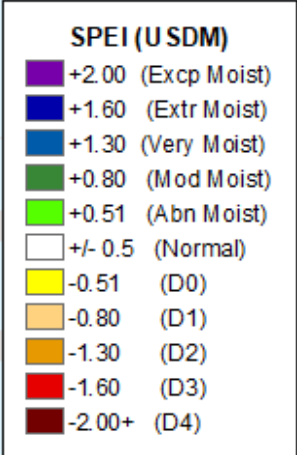
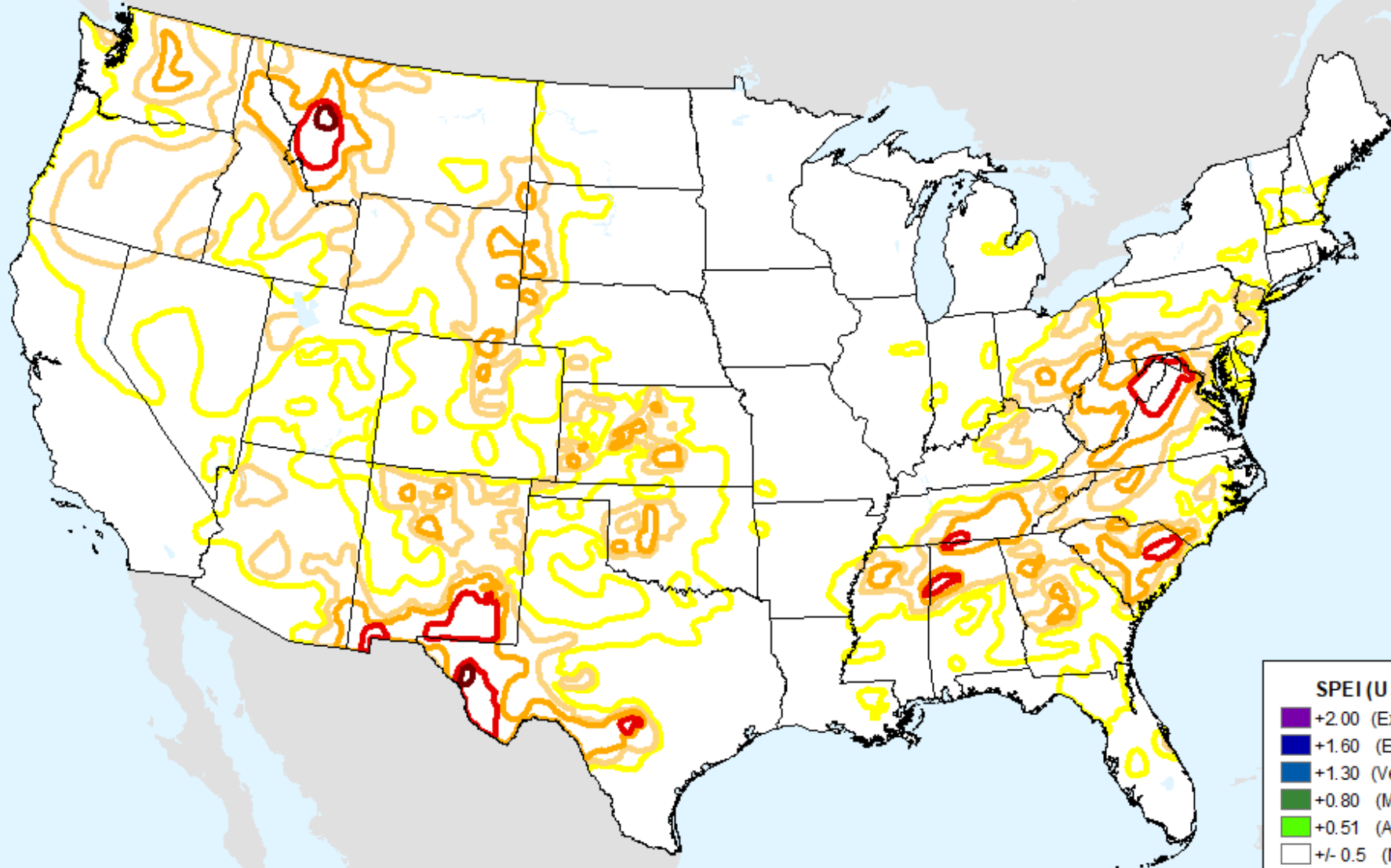
AHPS 12-month SPEI

As of: Tuesday, July 30, 2024



AHPS 24-month SPEI

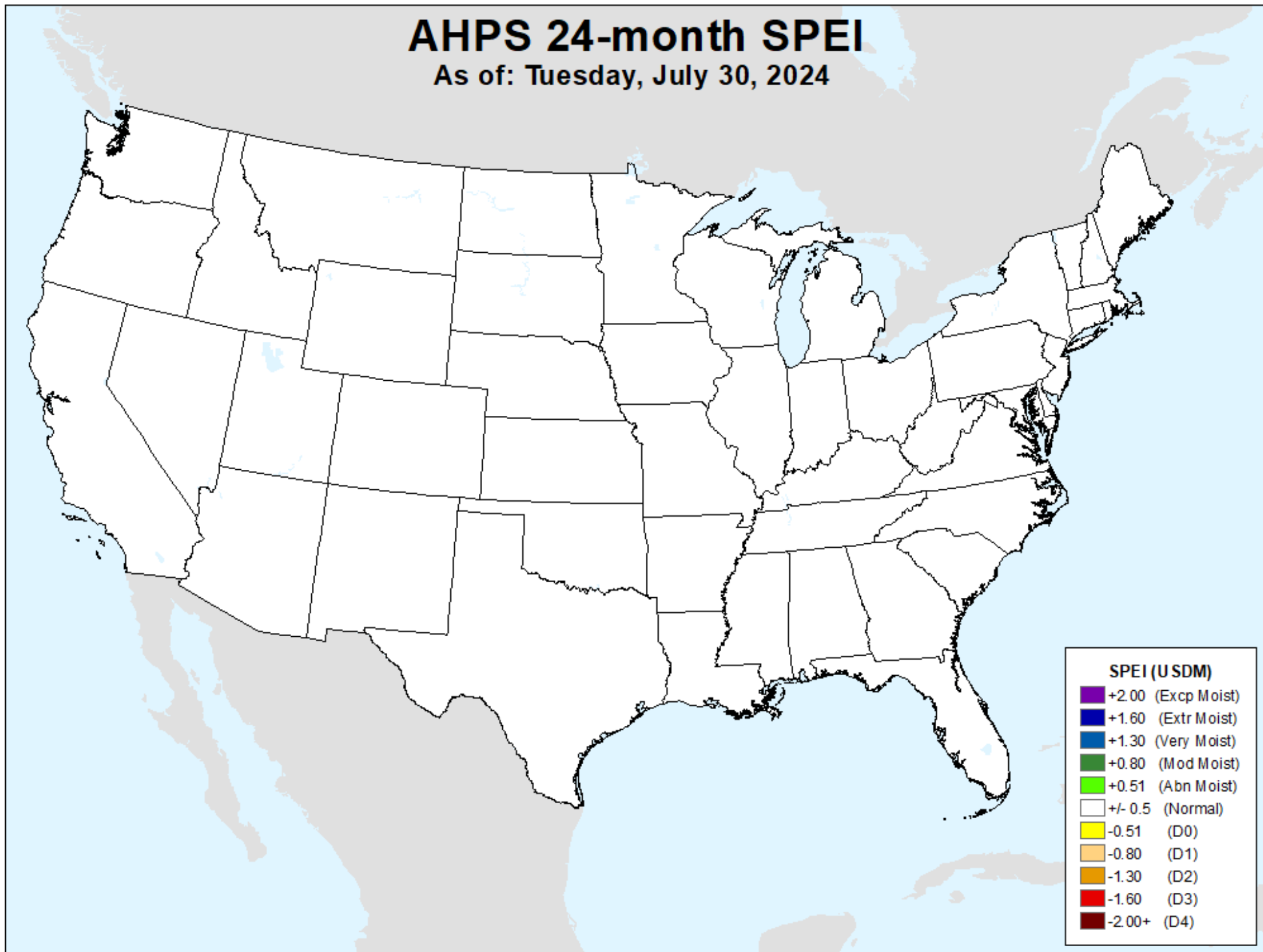
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

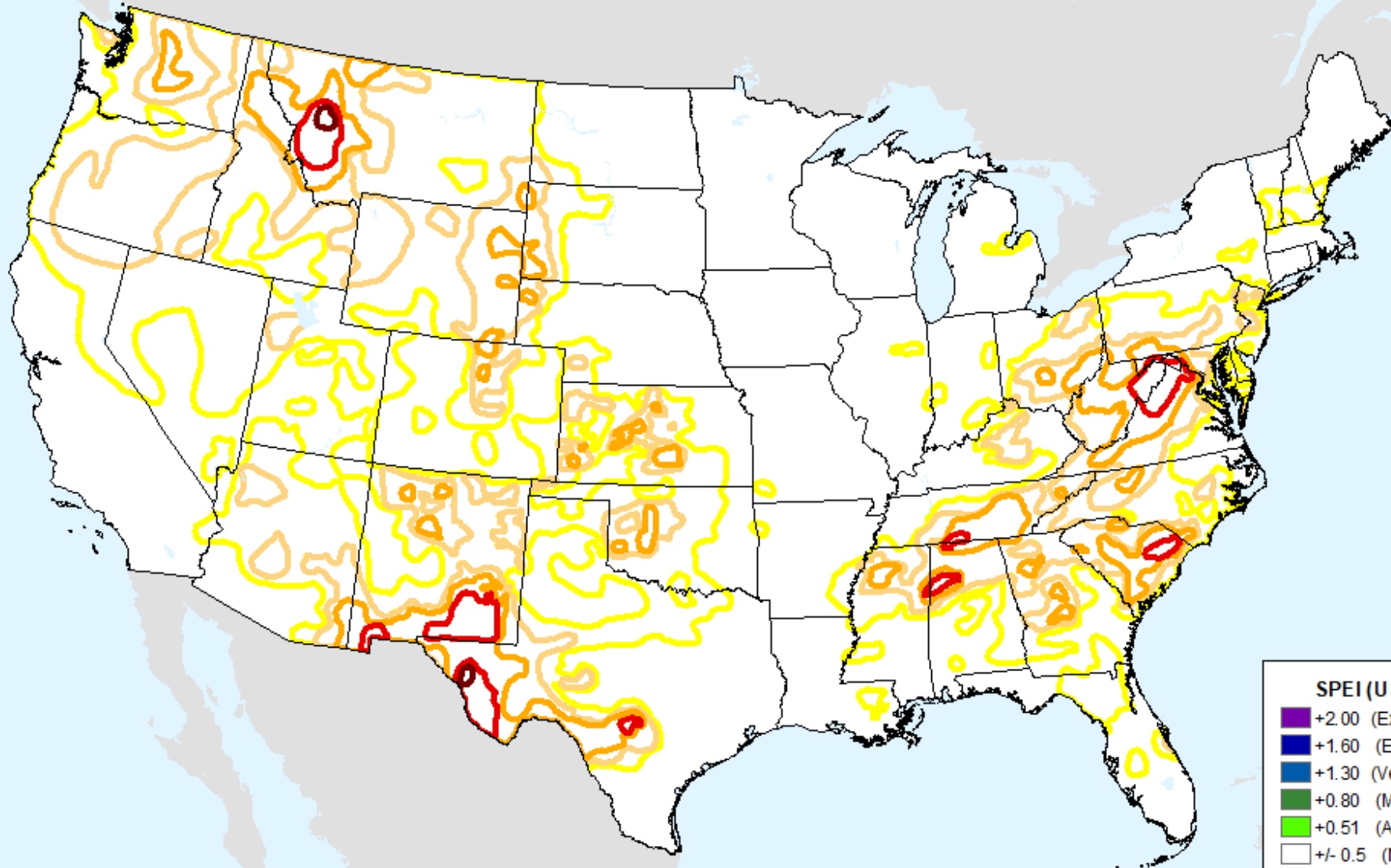
AHPS 24-month SPEI

As of: Tuesday, July 30, 2024



AHPS 36-month SPEI

As of: Tuesday, July 30, 2024

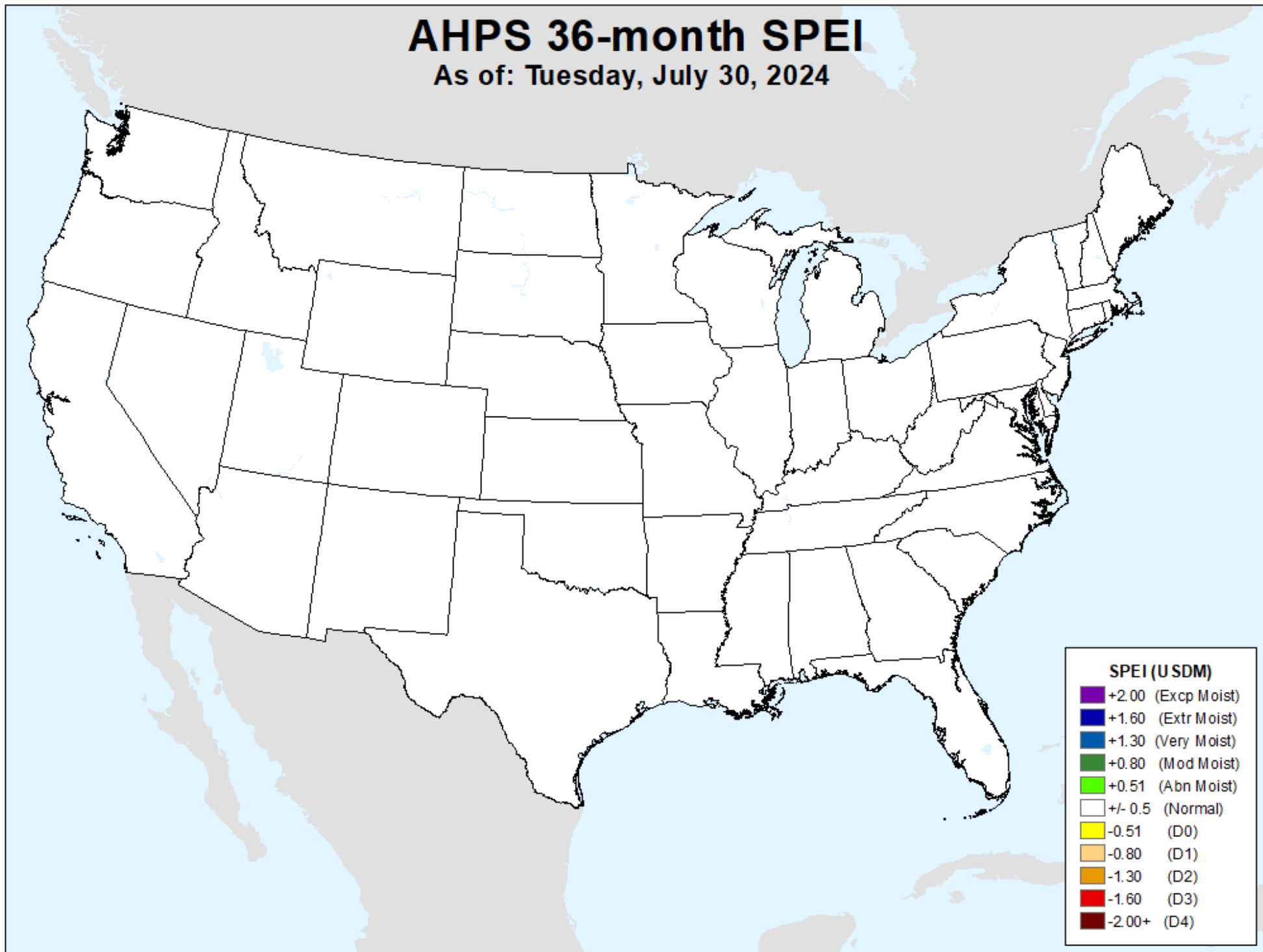


SPEI (USDM)	
+	+2.00 (Excp Moist)
+	+1.60 (Extr Moist)
+	+1.30 (Very Moist)
+	+0.80 (Mod Moist)
+	+0.51 (Abn Moist)
±	+/- 0.5 (Normal)
-	-0.51 (D0)
-	-0.80 (D1)
-	-1.30 (D2)
-	-1.60 (D3)
-	-2.00+ (D4)

USDM for: Jul. 23, 2024

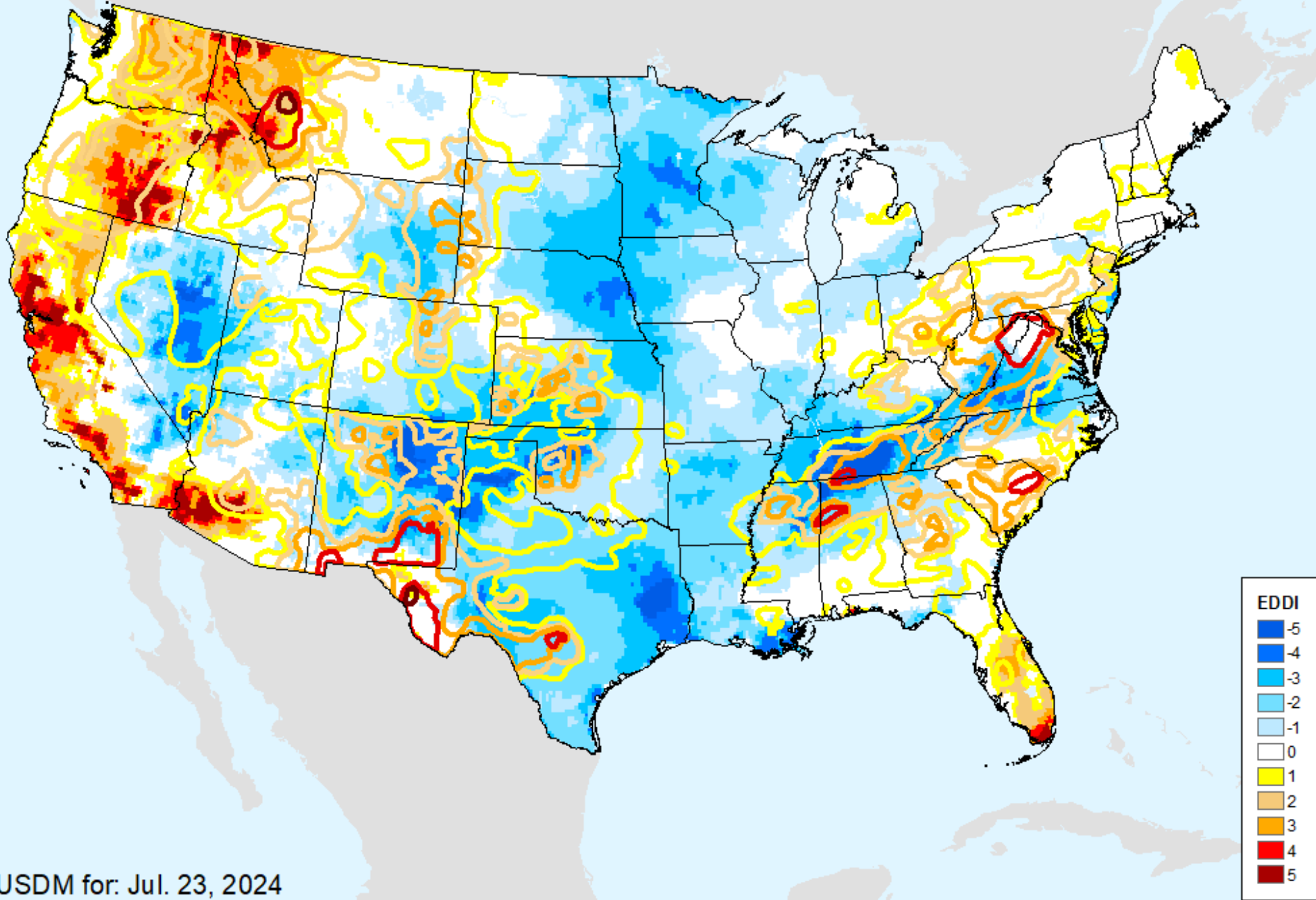
AHPS 36-month SPEI

As of: Tuesday, July 30, 2024



EDDI 1-week

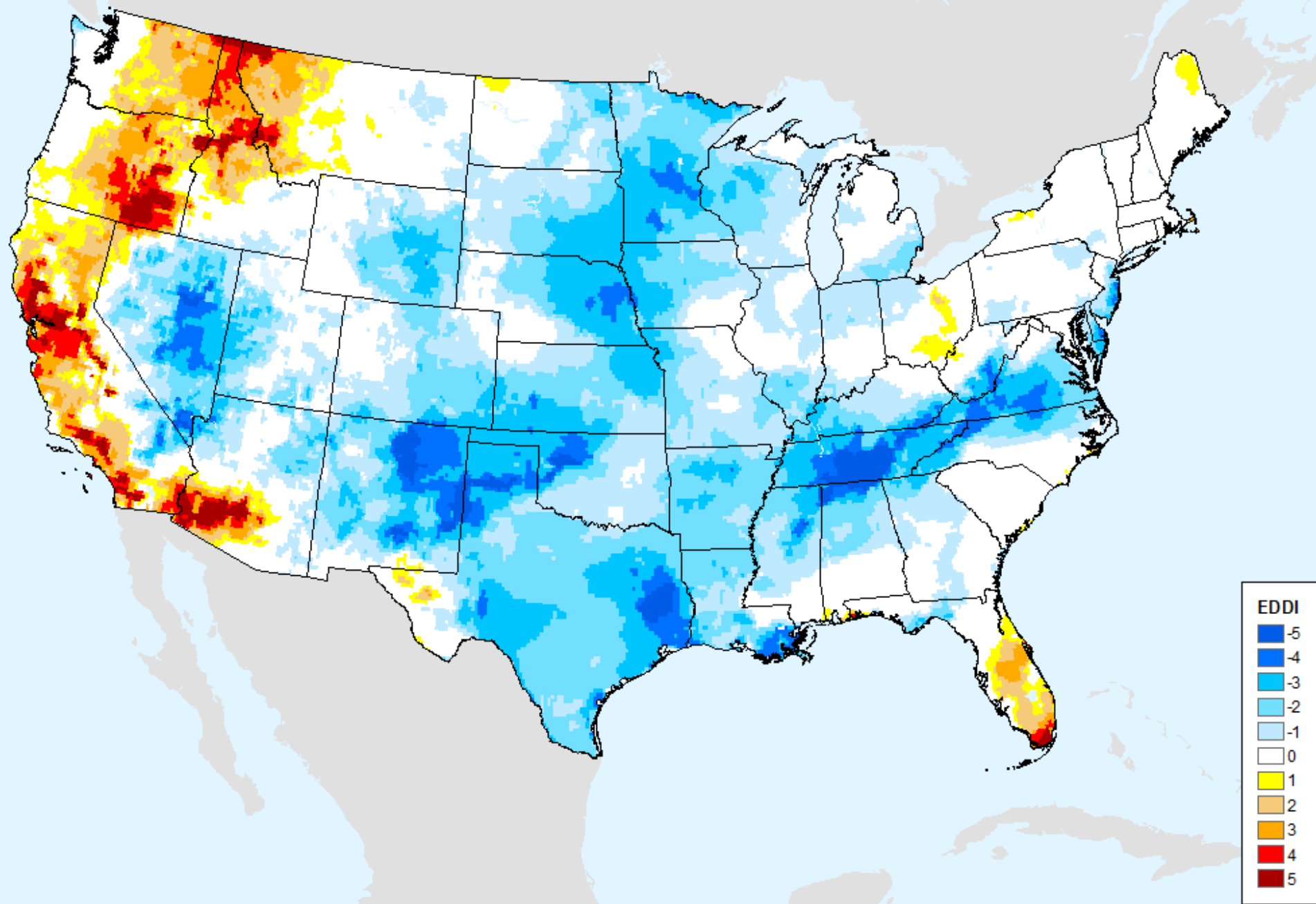
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

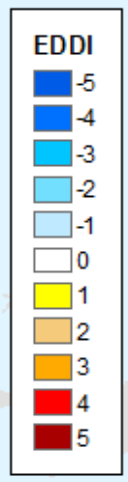
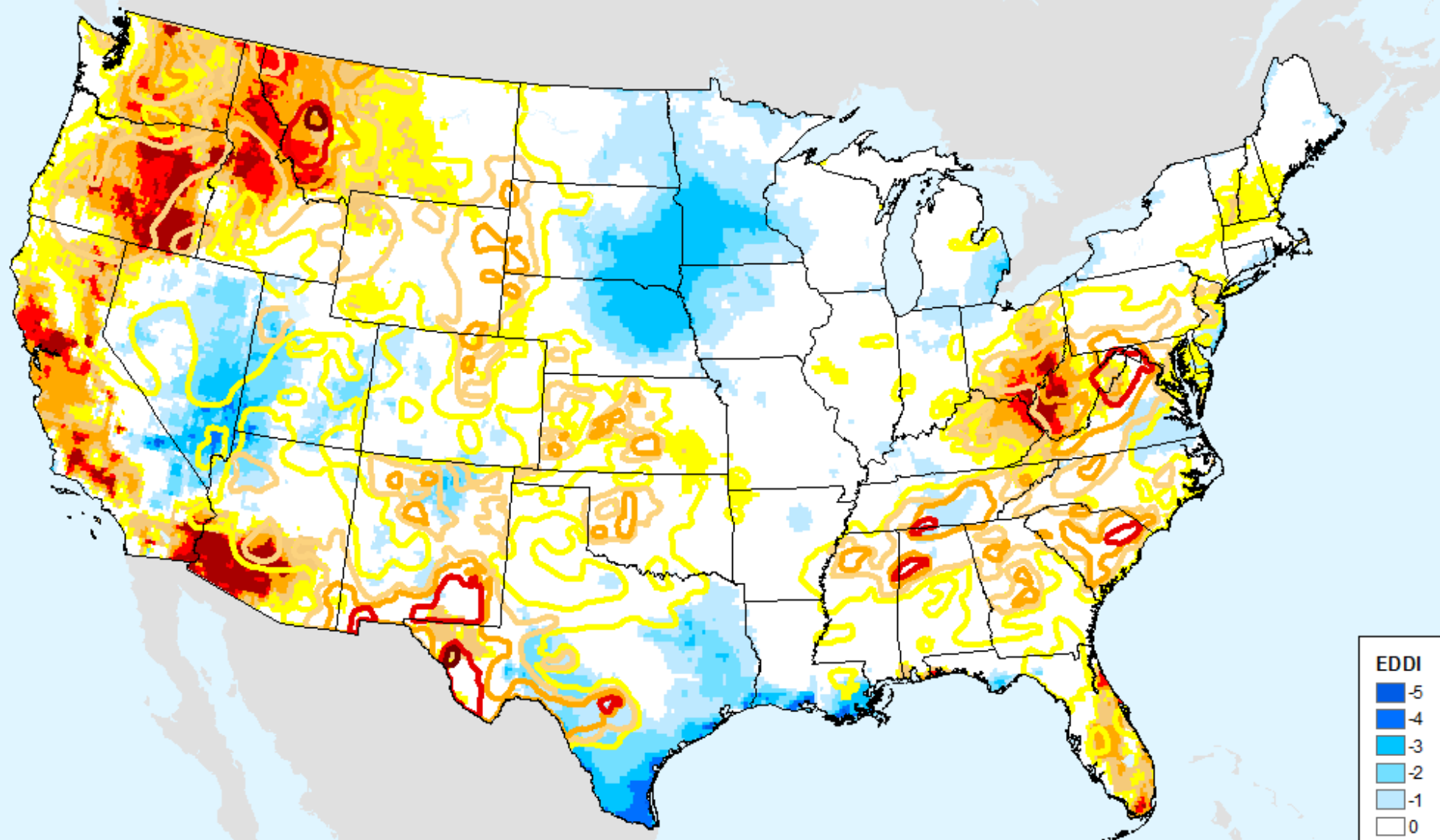
EDDI 1-week

As of: Tuesday, July 30, 2024



EDDI 2-week

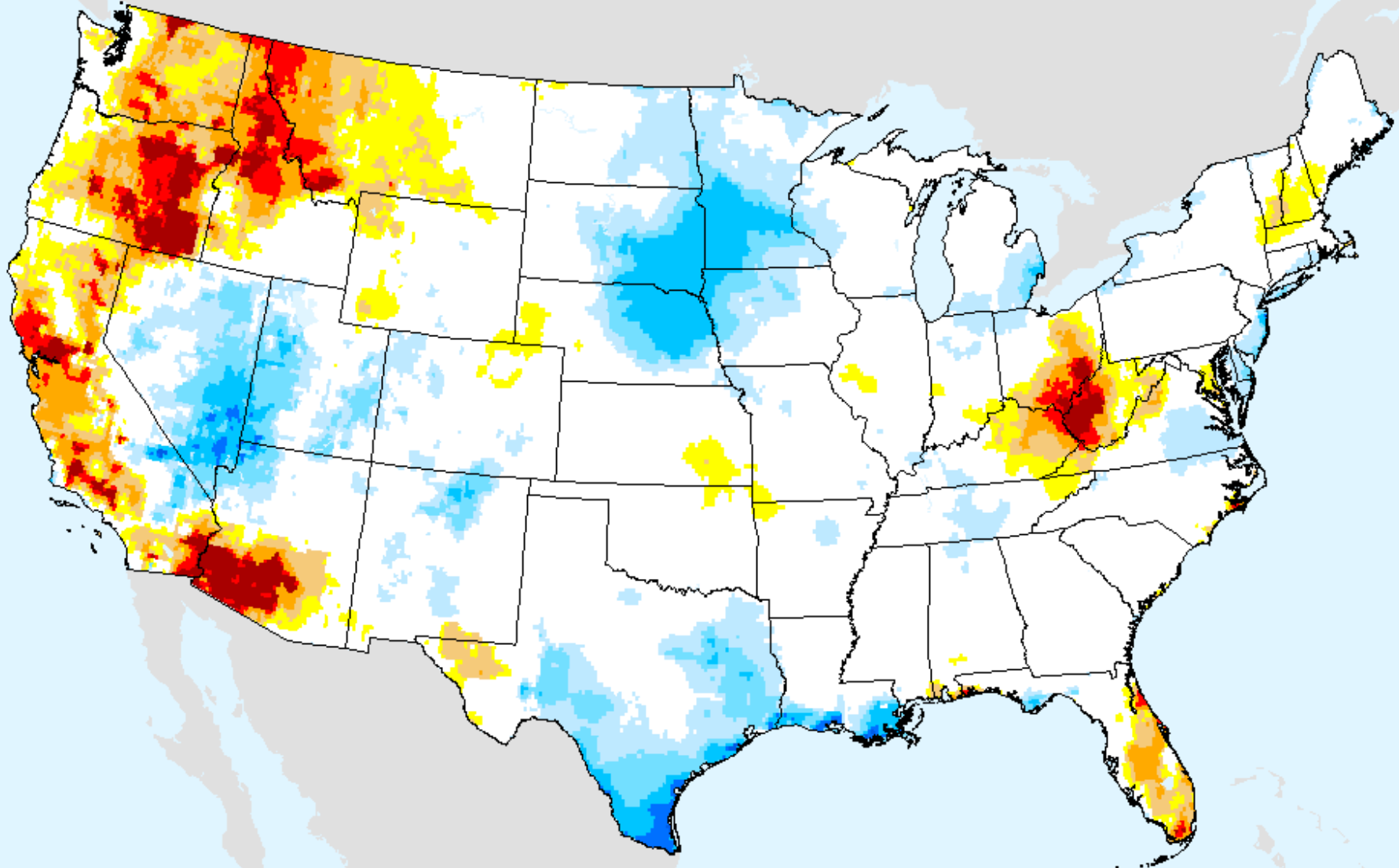
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

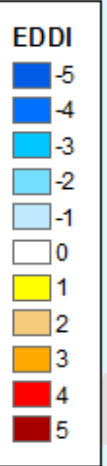
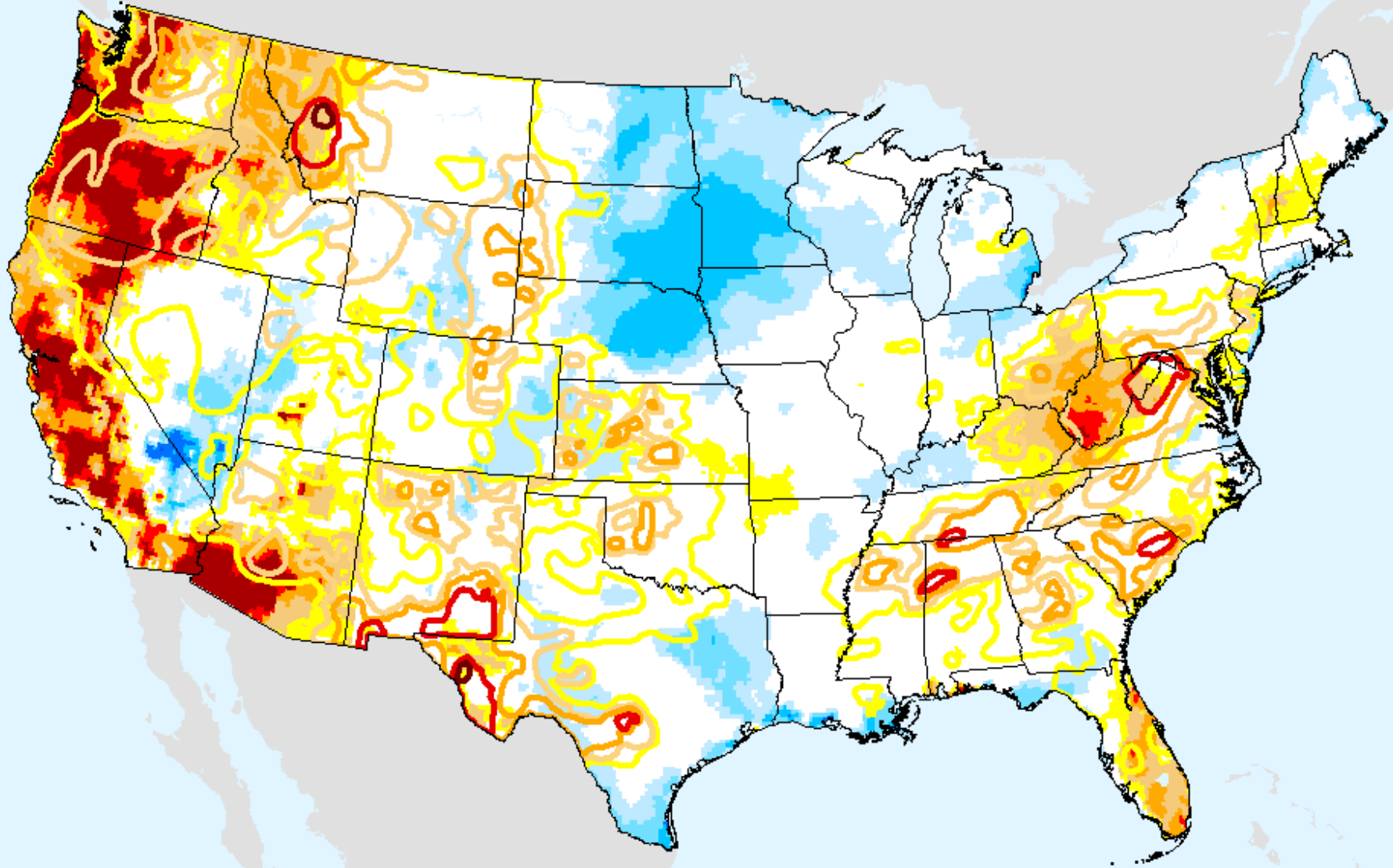
EDDI 2-week

As of: Tuesday, July 30, 2024



EDDI 3-week

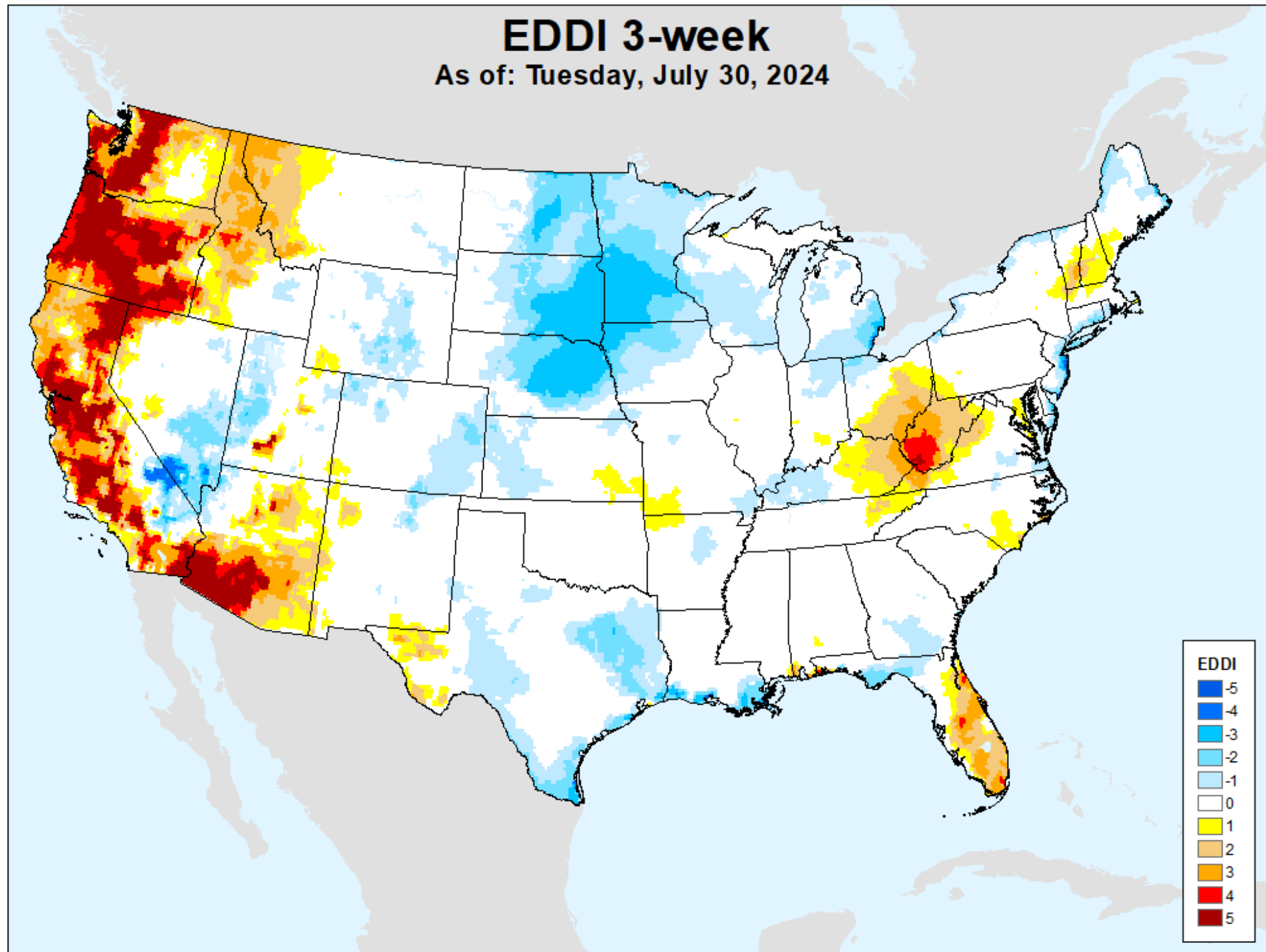
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

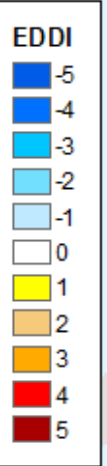
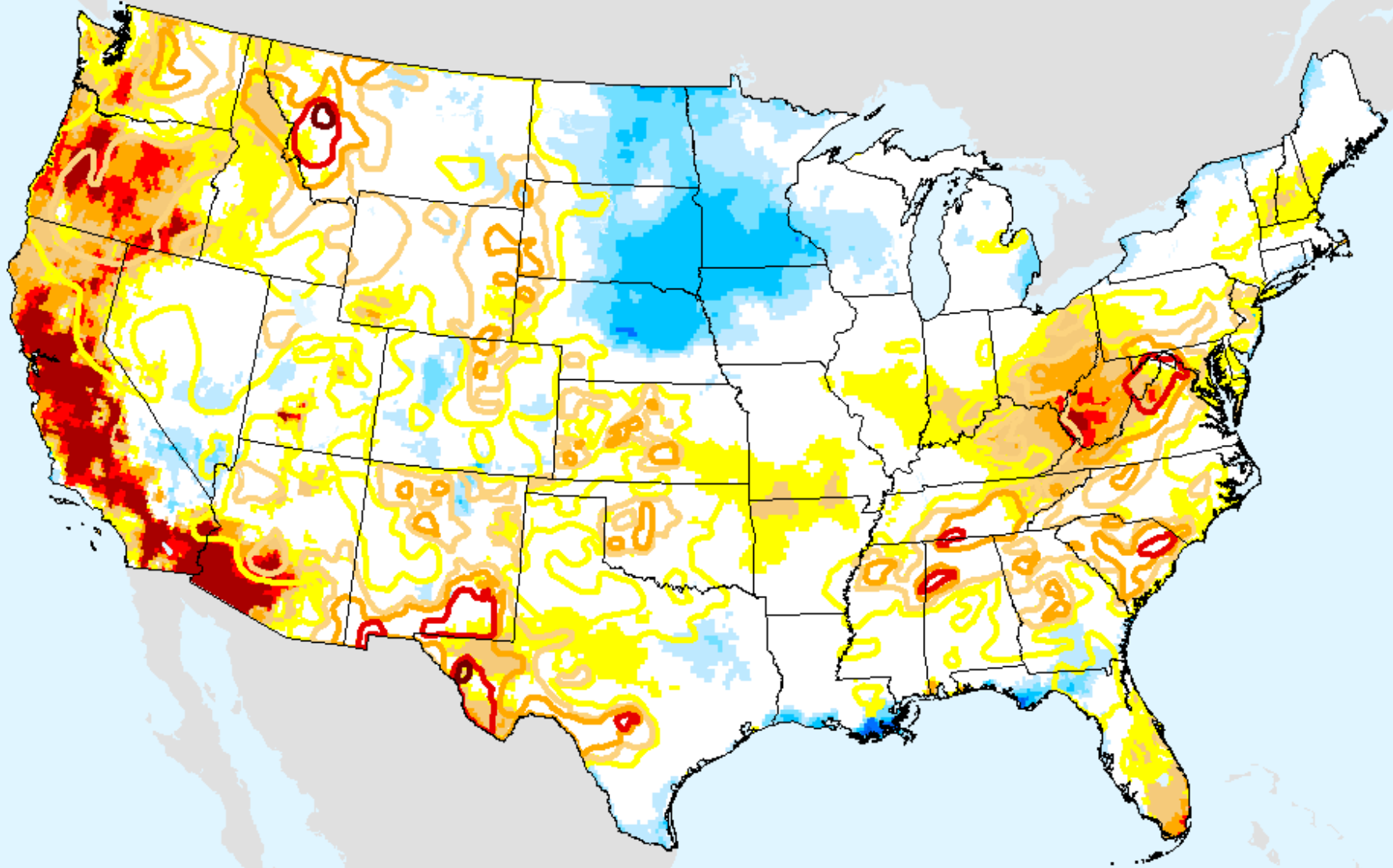
EDDI 3-week

As of: Tuesday, July 30, 2024



EDDI 4-week

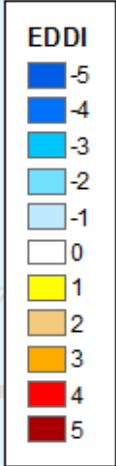
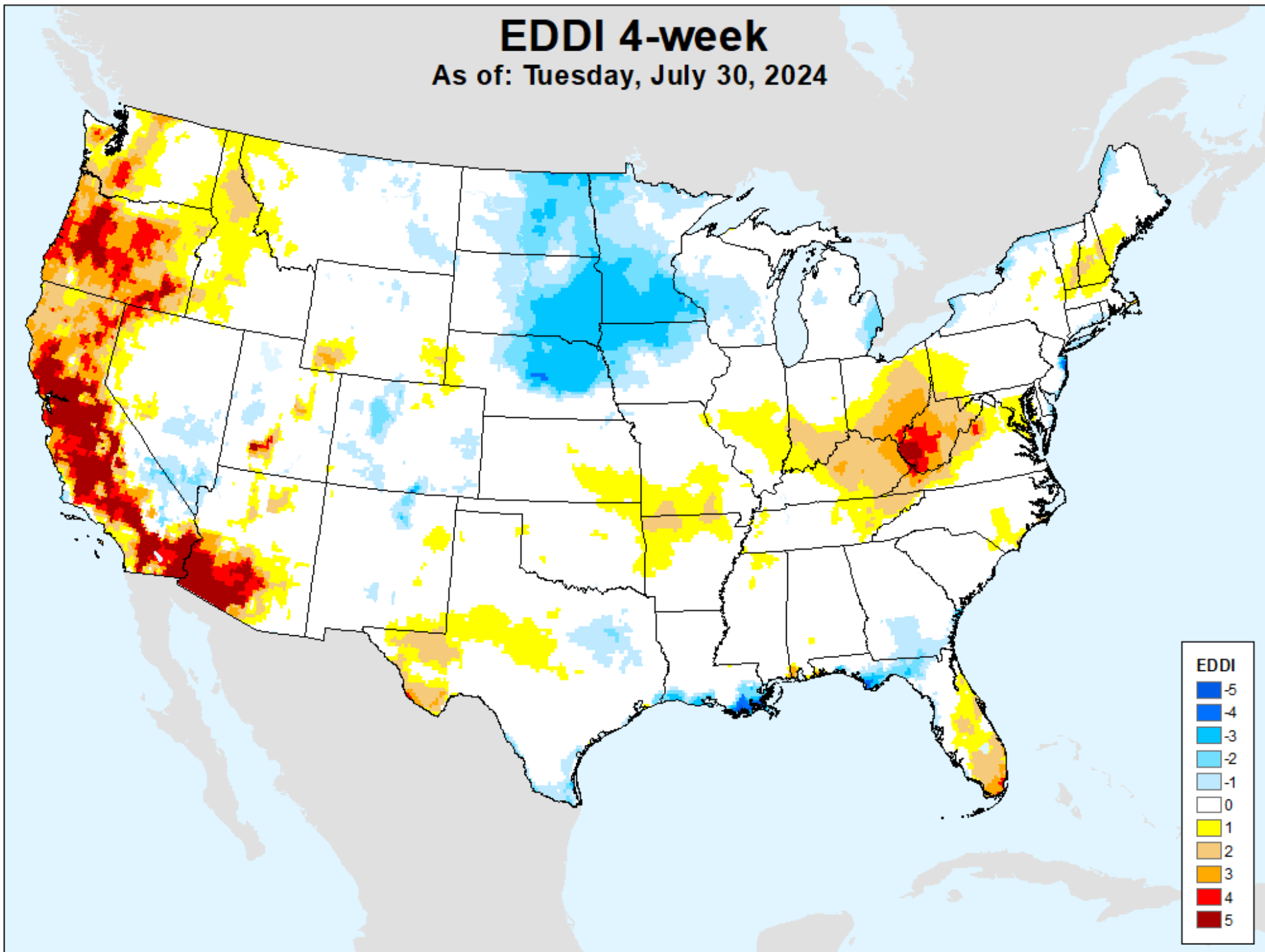
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

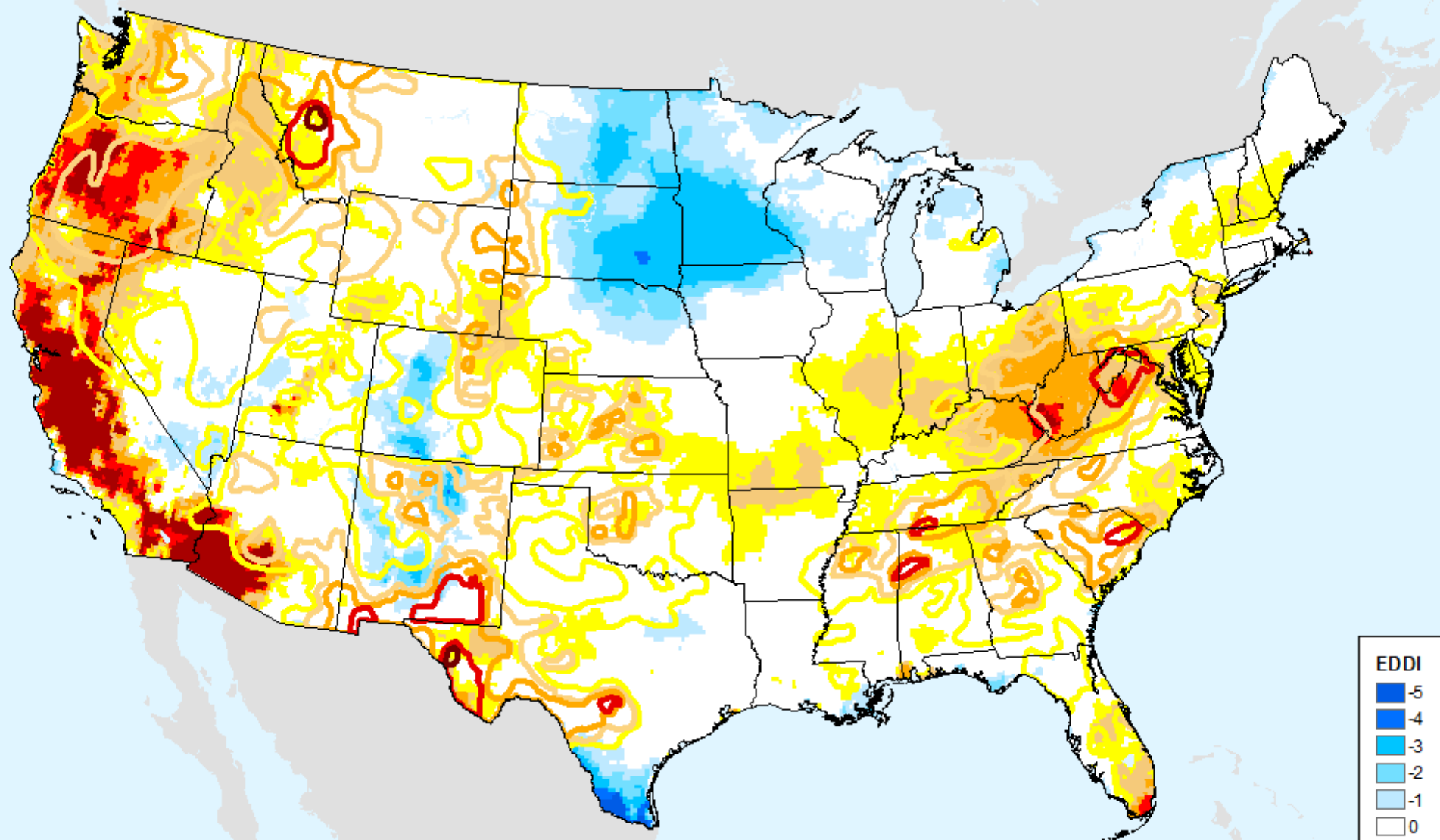
EDDI 4-week

As of: Tuesday, July 30, 2024



EDDI 5-week

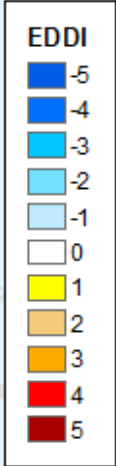
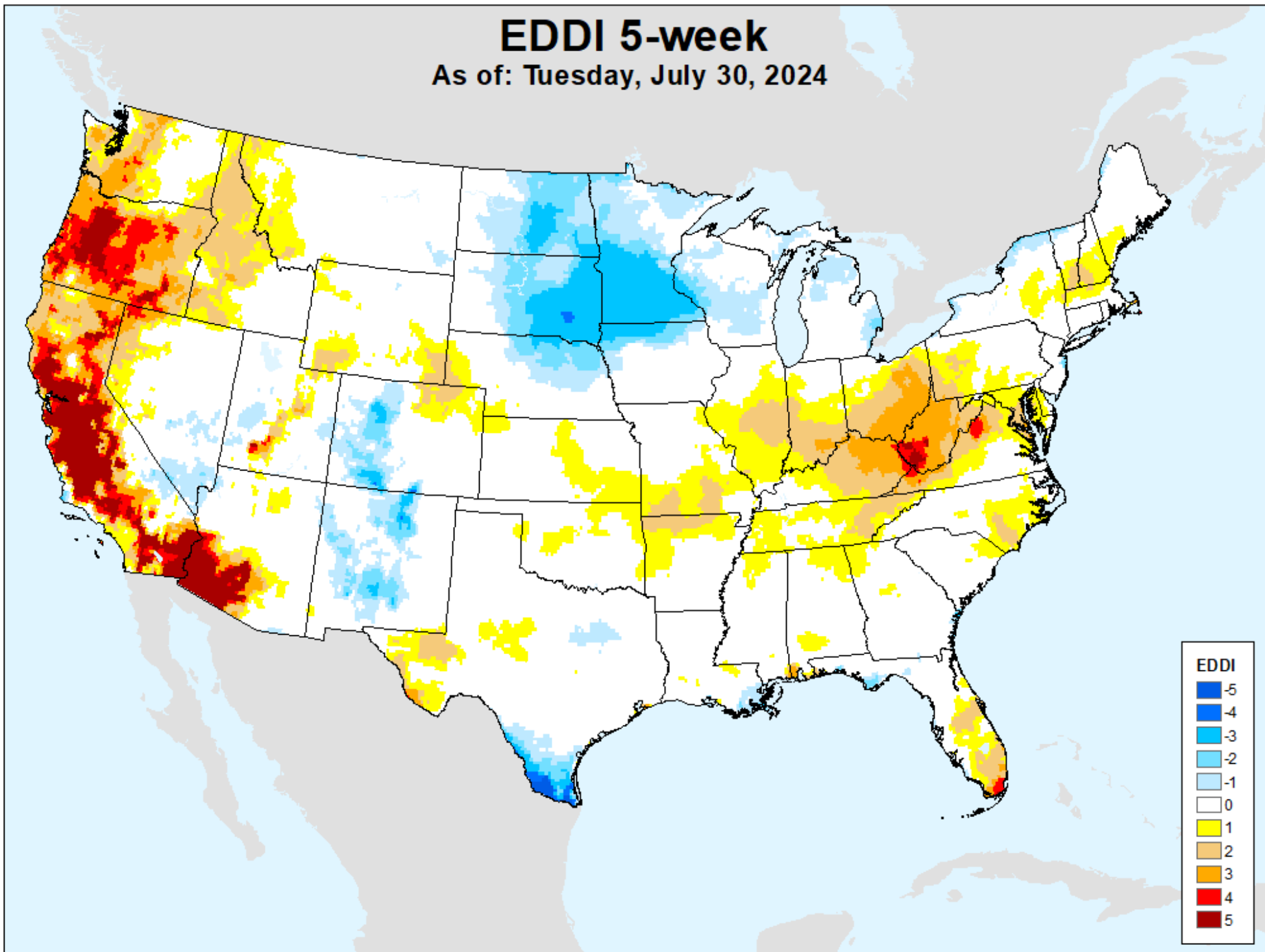
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

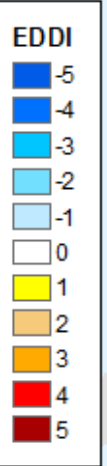
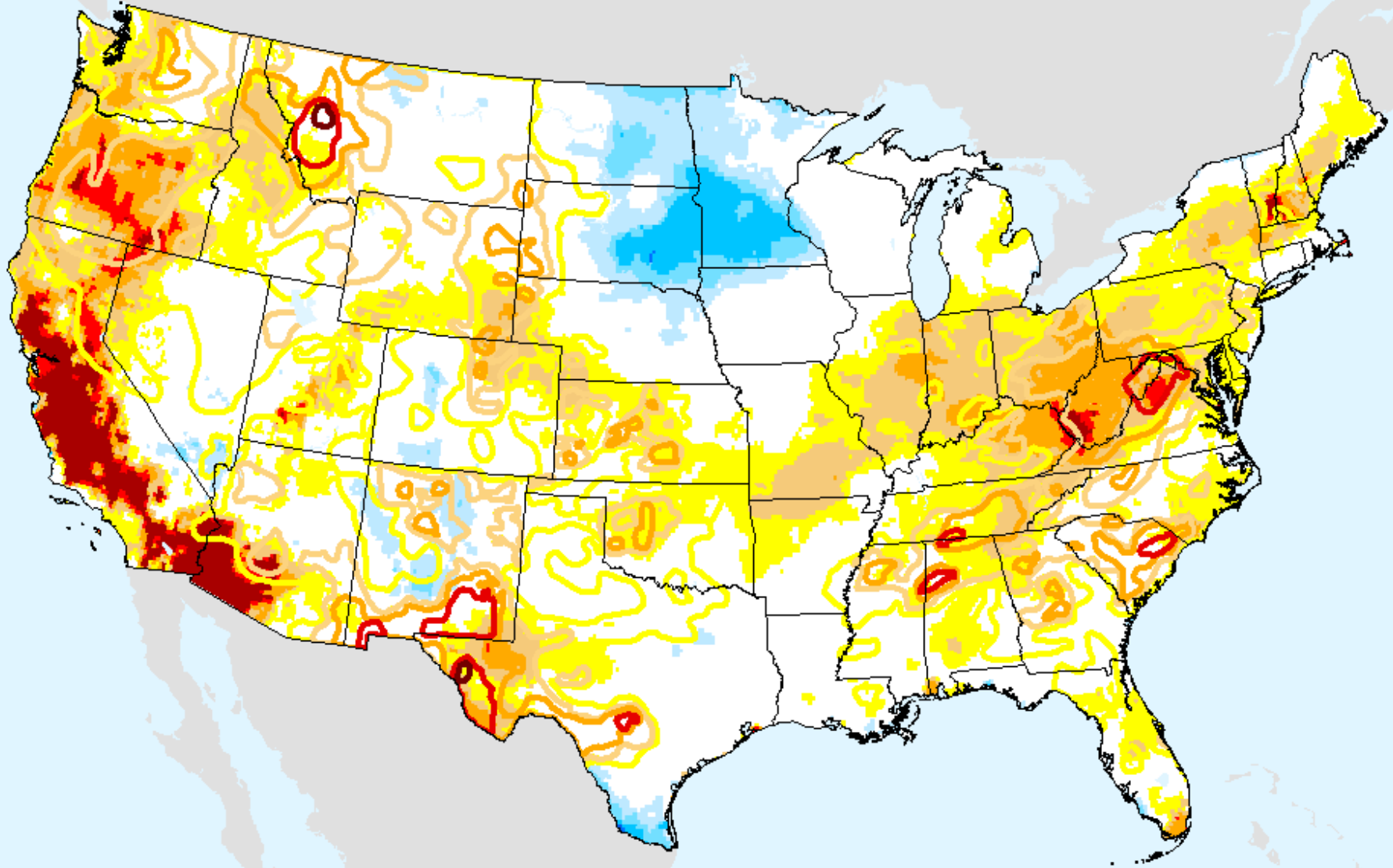
EDDI 5-week

As of: Tuesday, July 30, 2024



EDDI 6-week

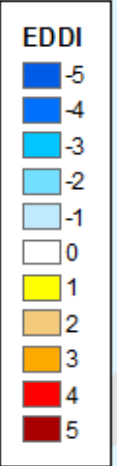
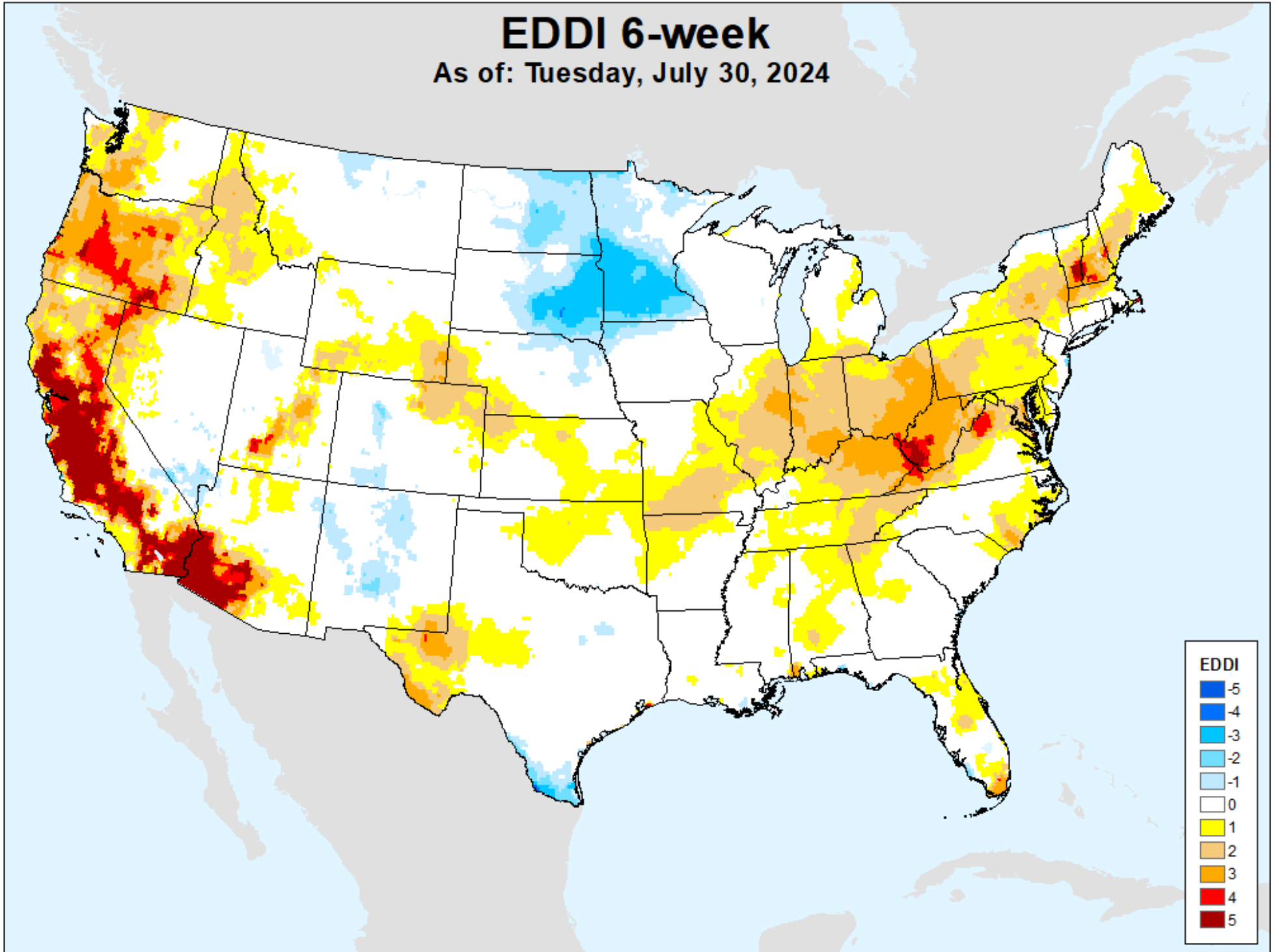
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

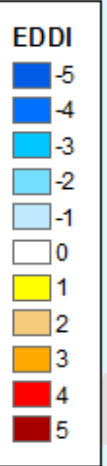
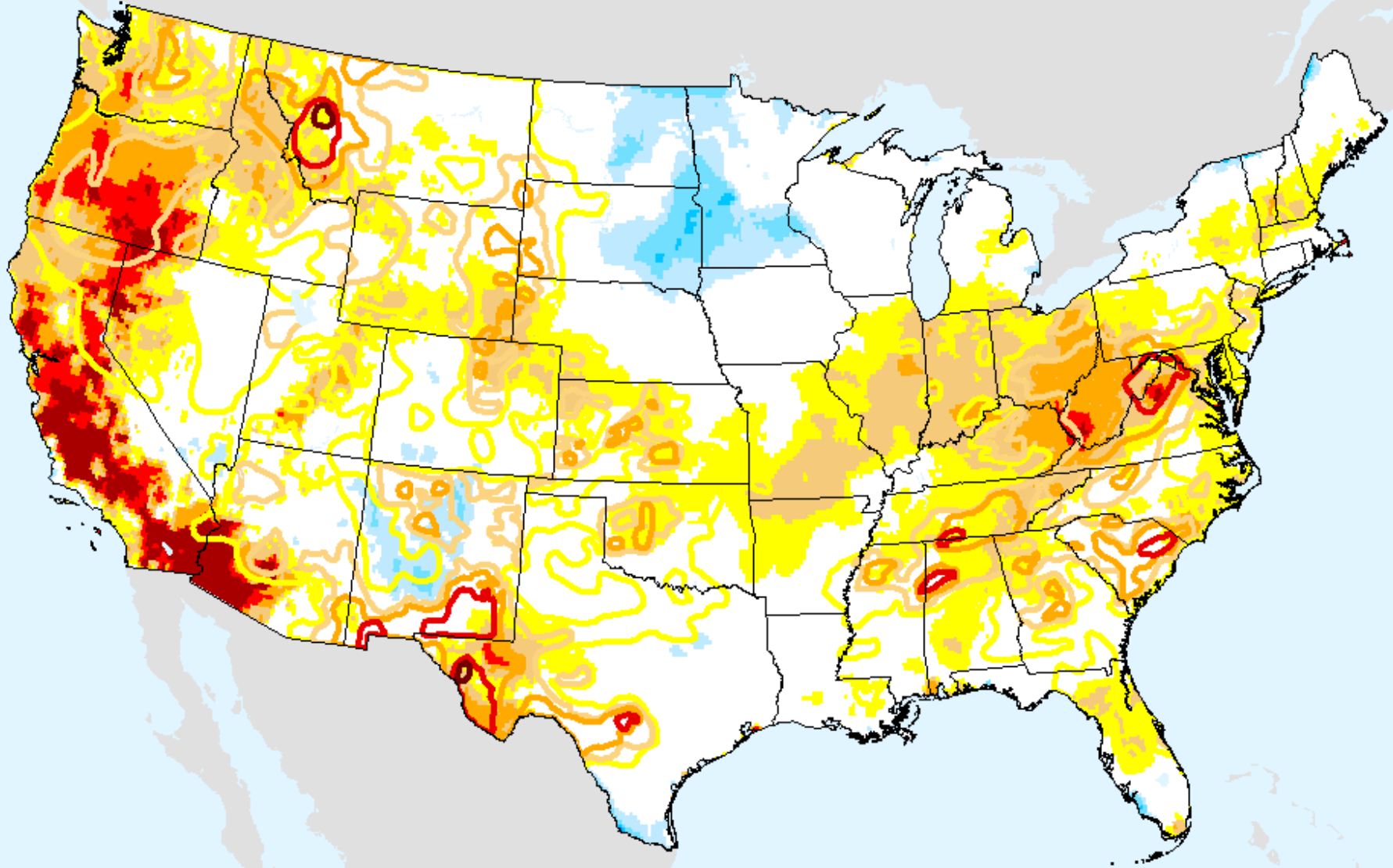
EDDI 6-week

As of: Tuesday, July 30, 2024



EDDI 7-week

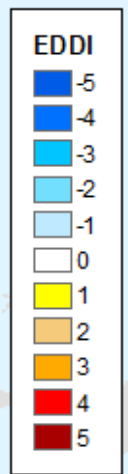
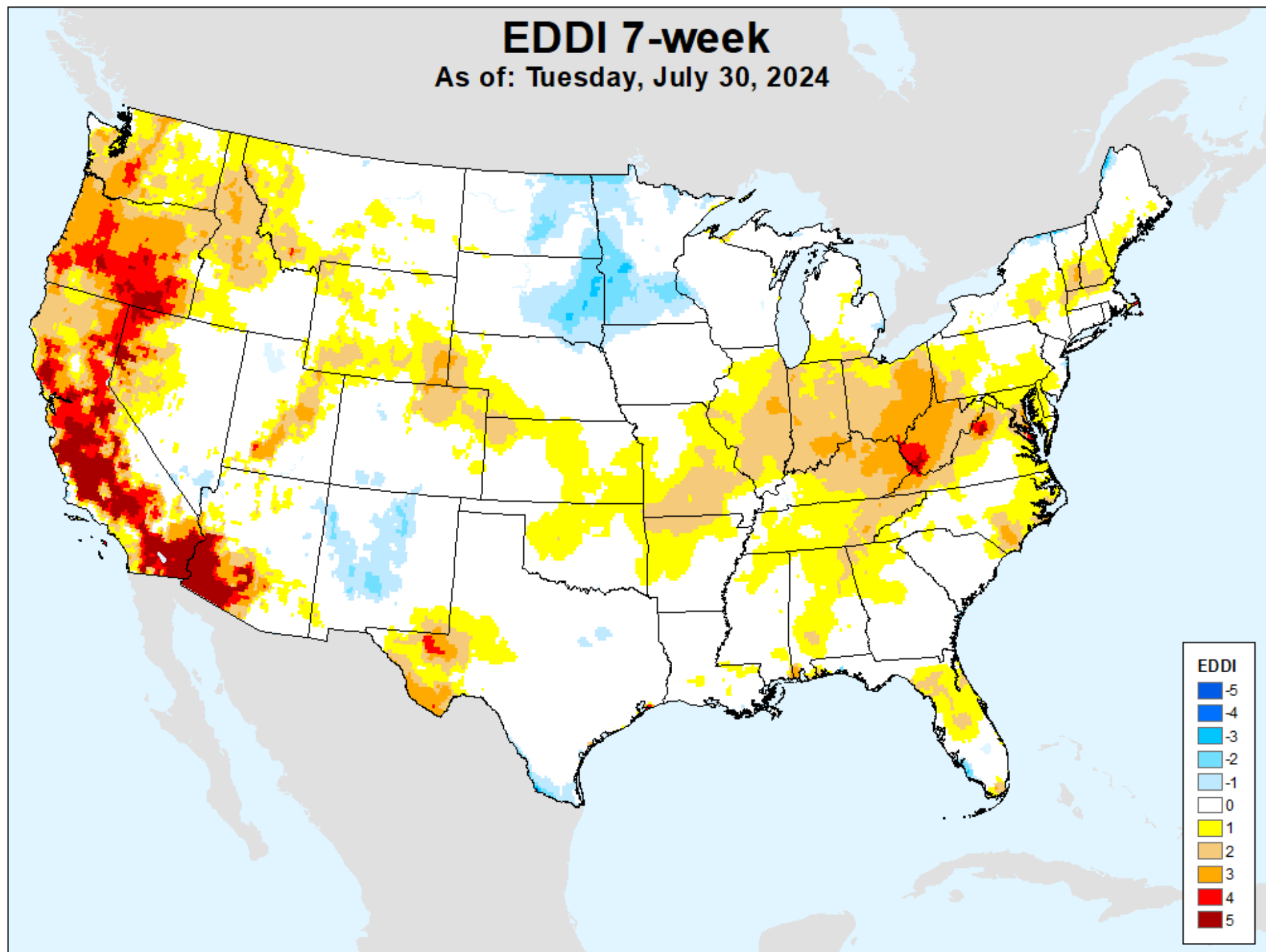
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

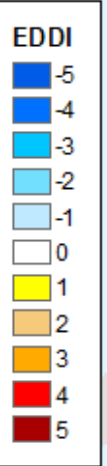
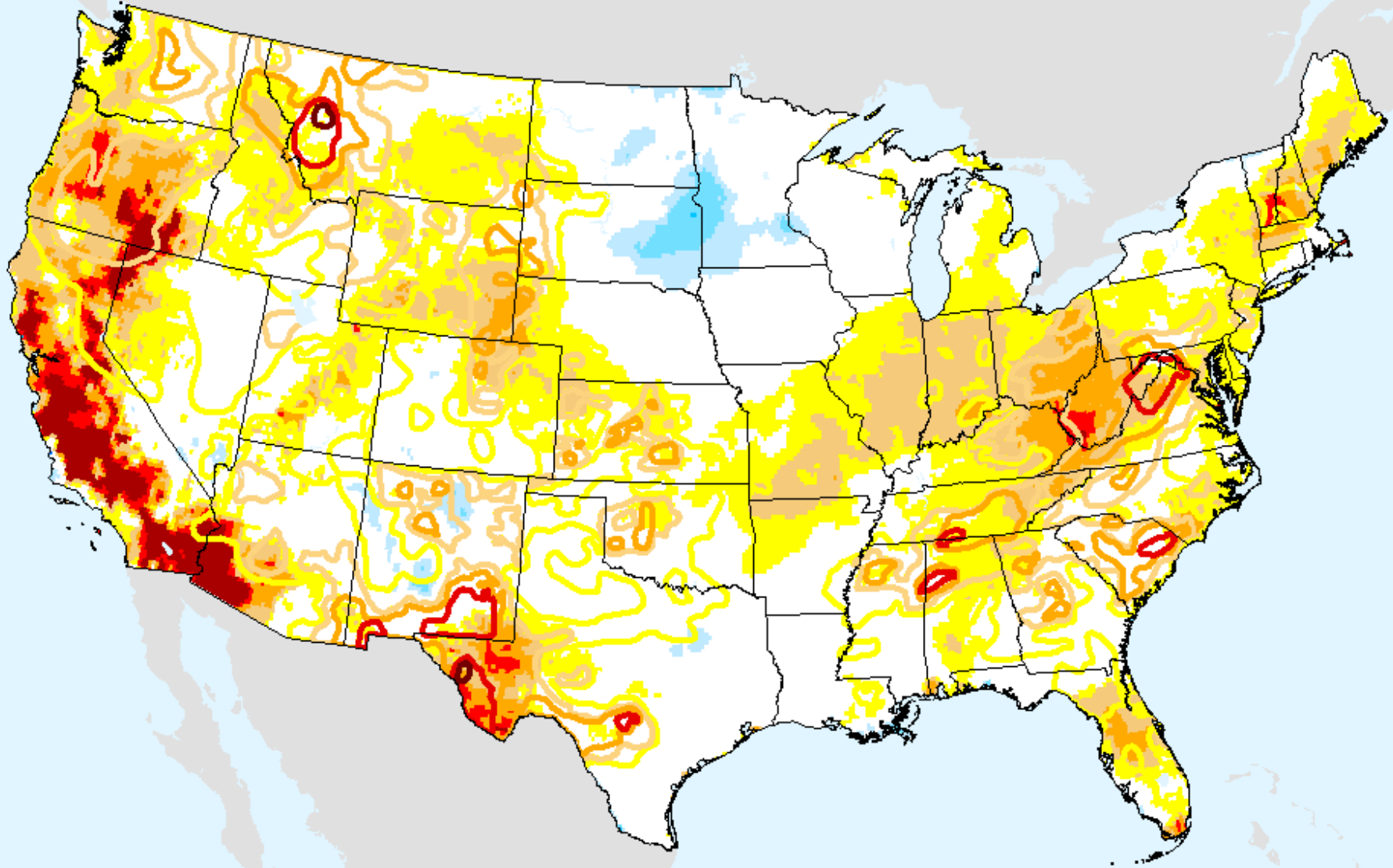
EDDI 7-week

As of: Tuesday, July 30, 2024



EDDI 8-week

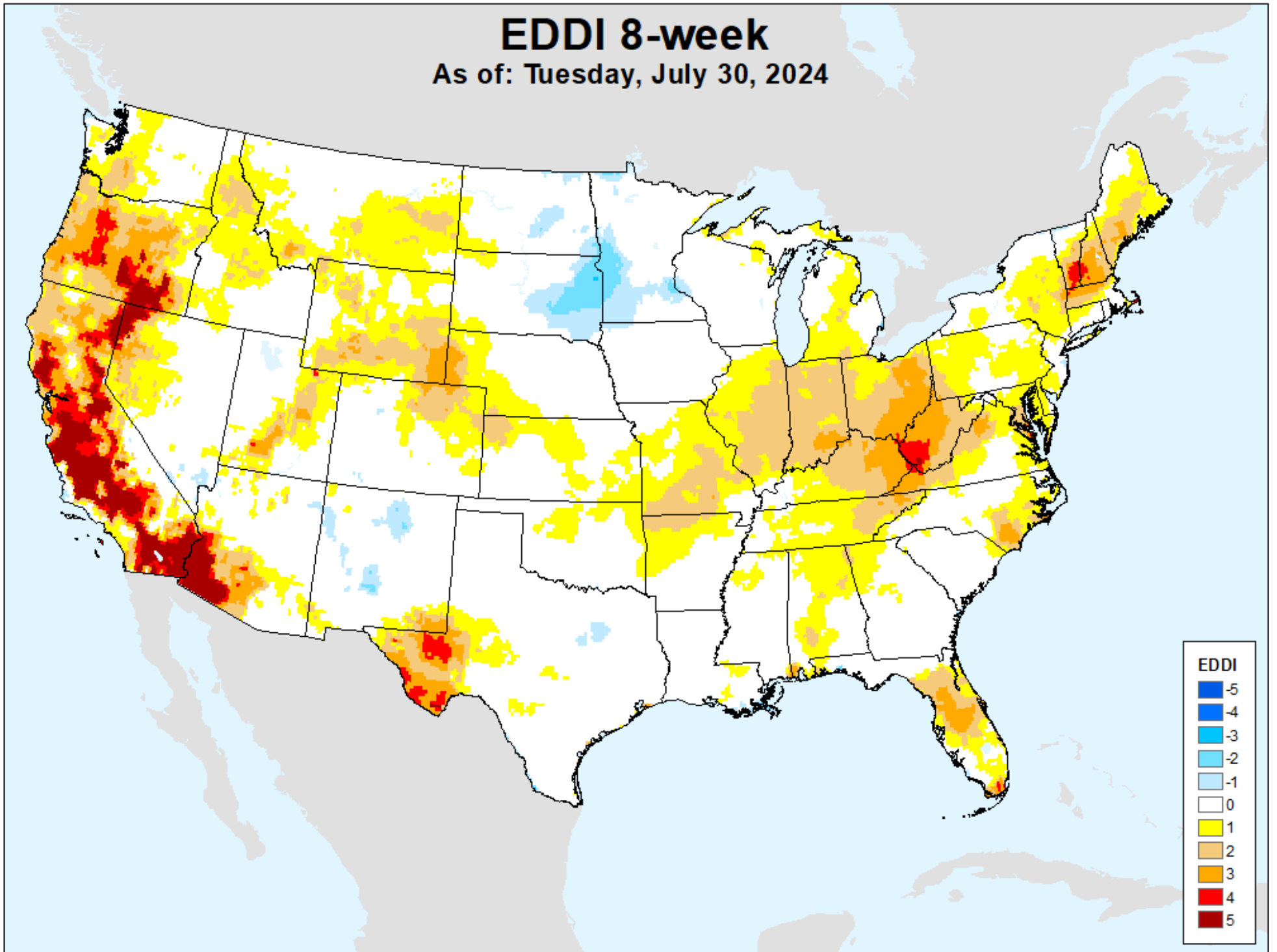
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

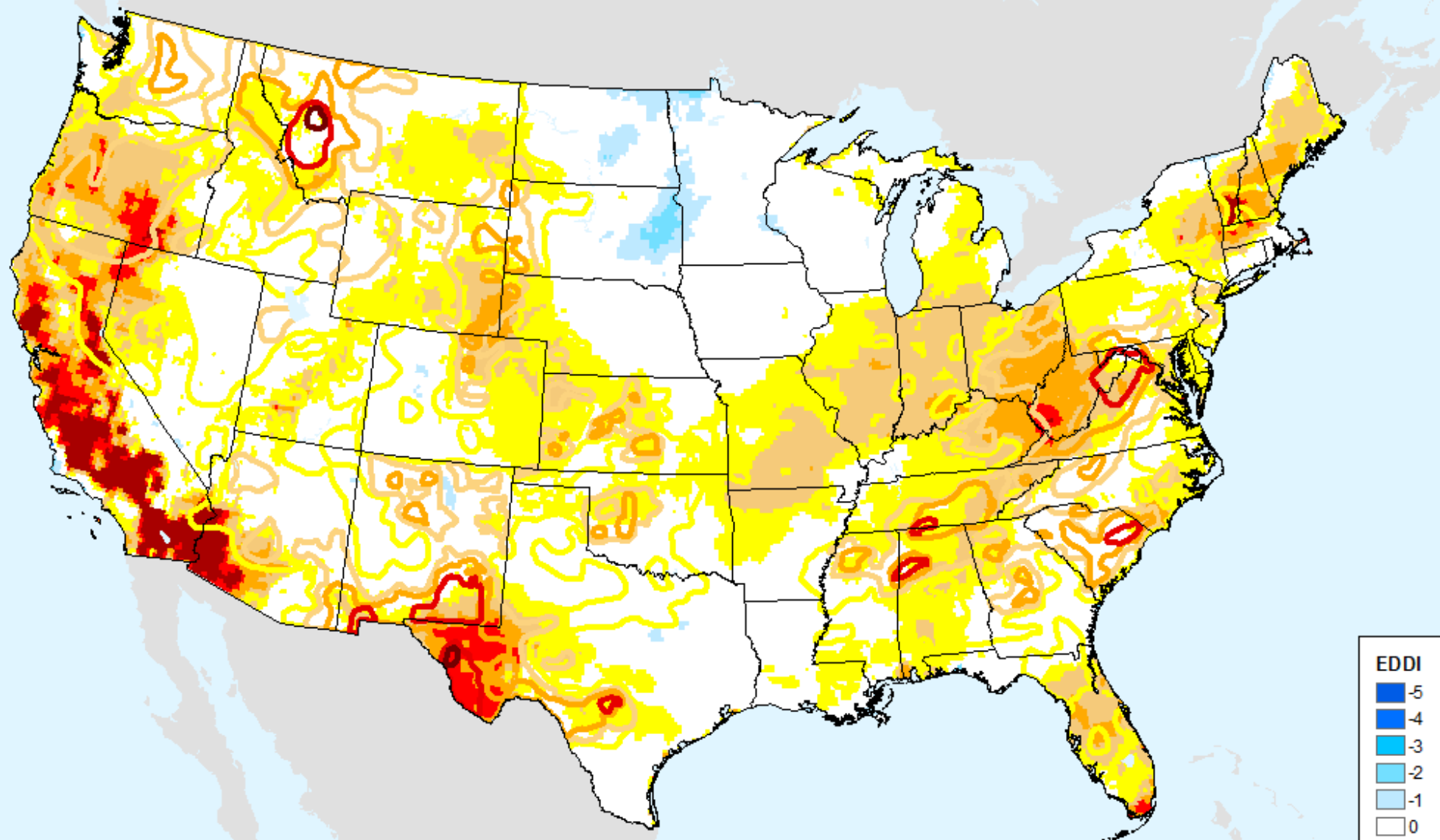
EDDI 8-week

As of: Tuesday, July 30, 2024



EDDI 9-week

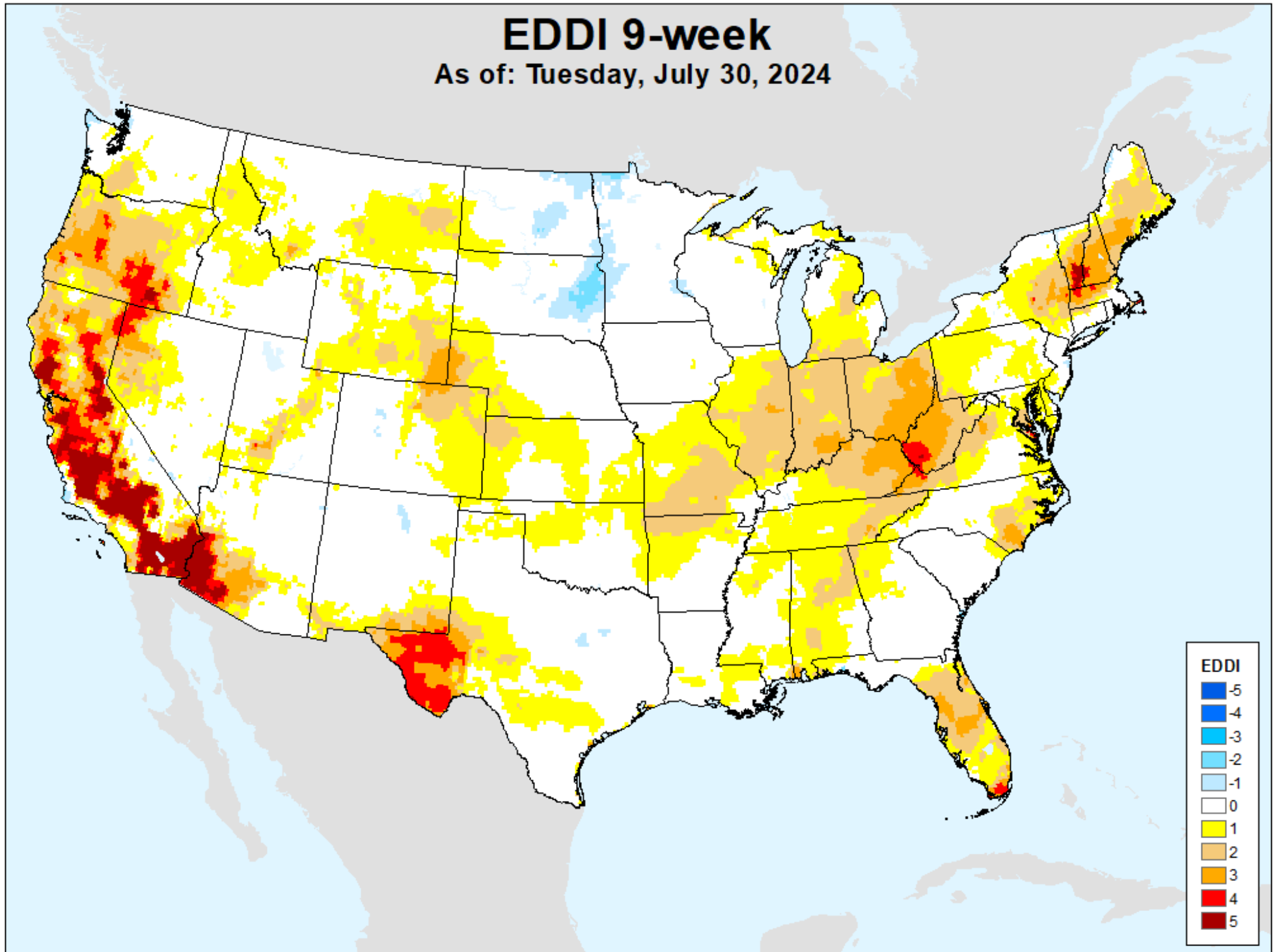
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

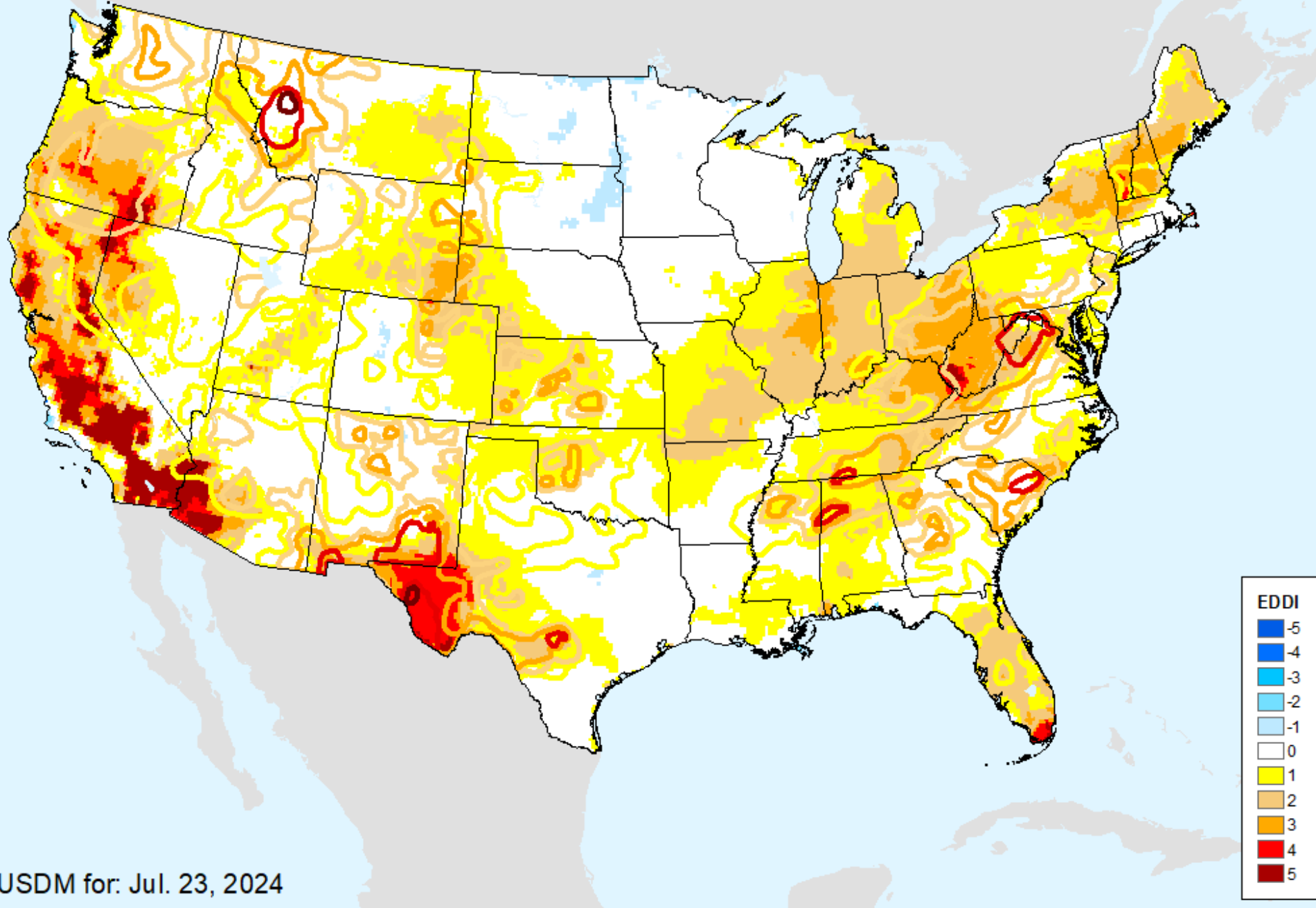
EDDI 9-week

As of: Tuesday, July 30, 2024



EDDI 10-week

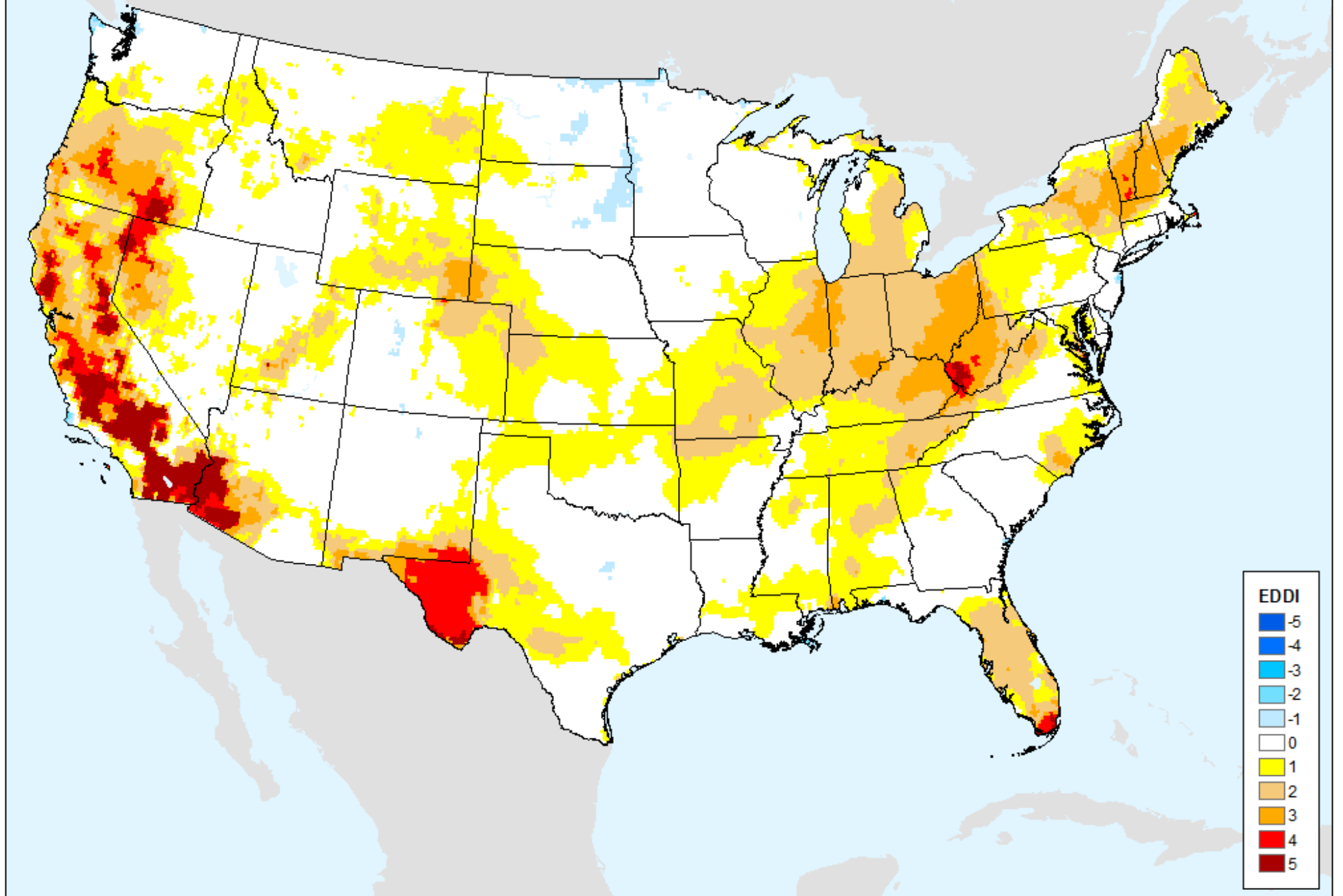
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

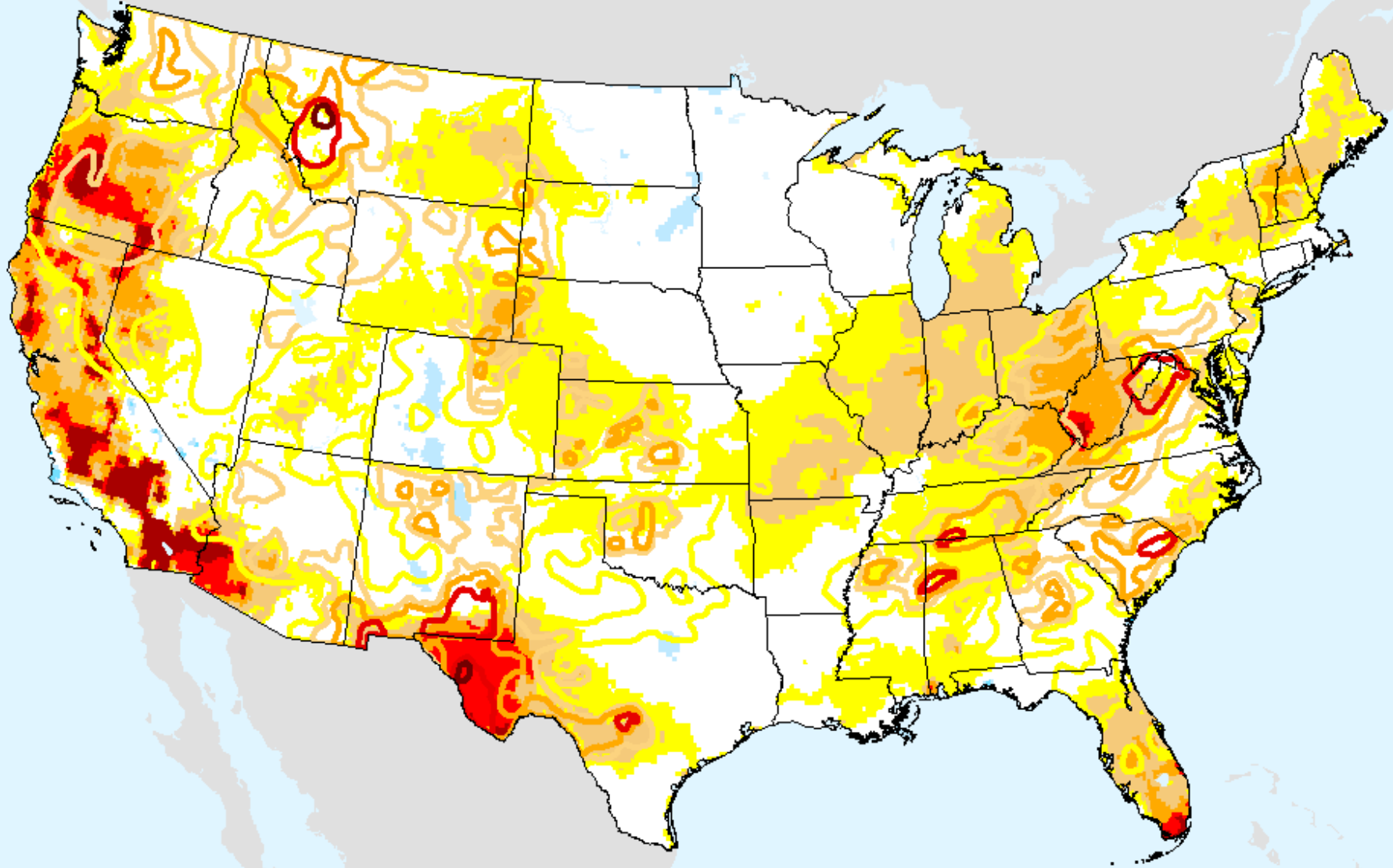
EDDI 10-week

As of: Tuesday, July 30, 2024



EDDI 11-week

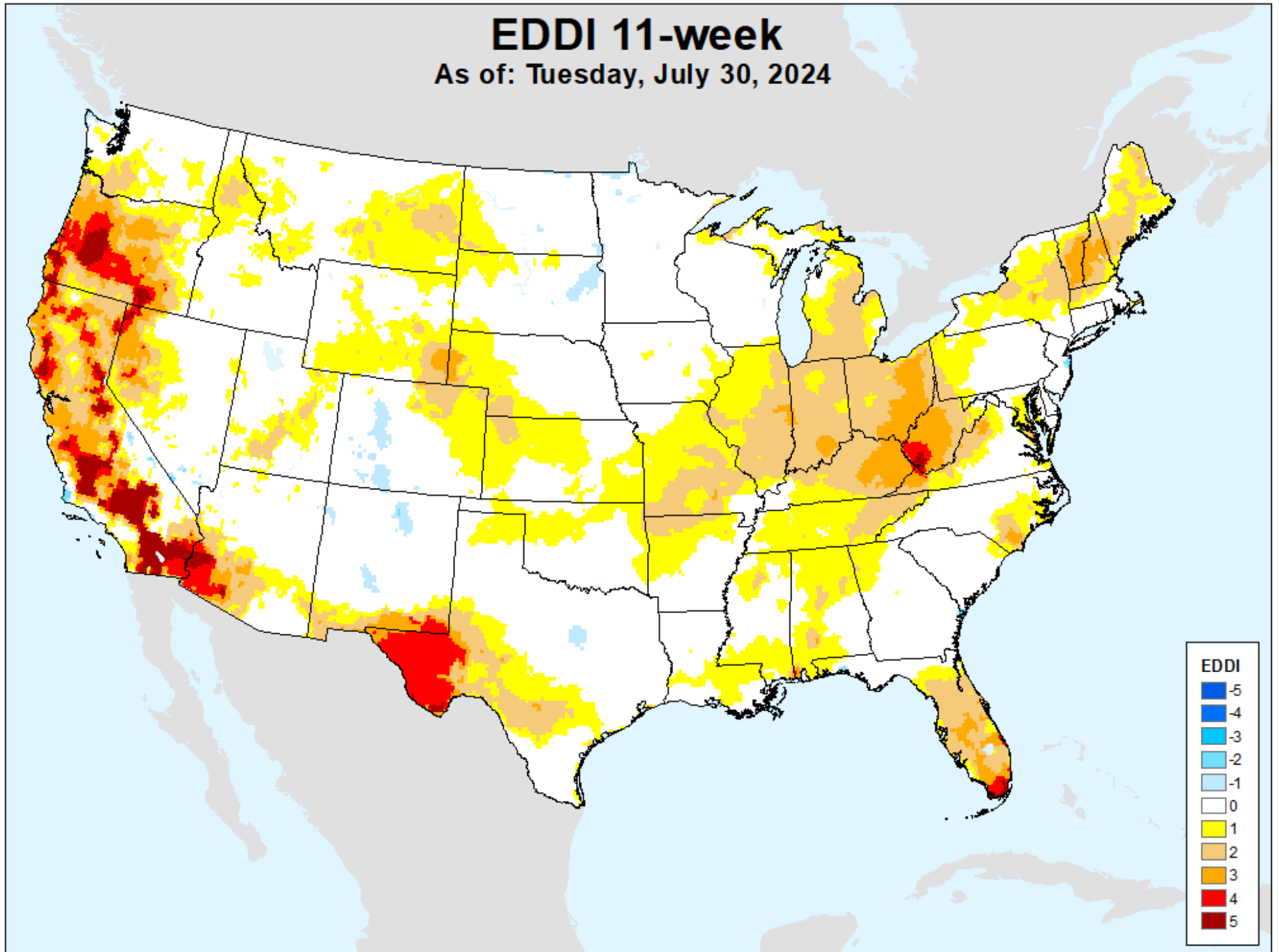
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

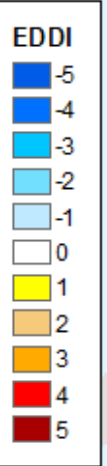
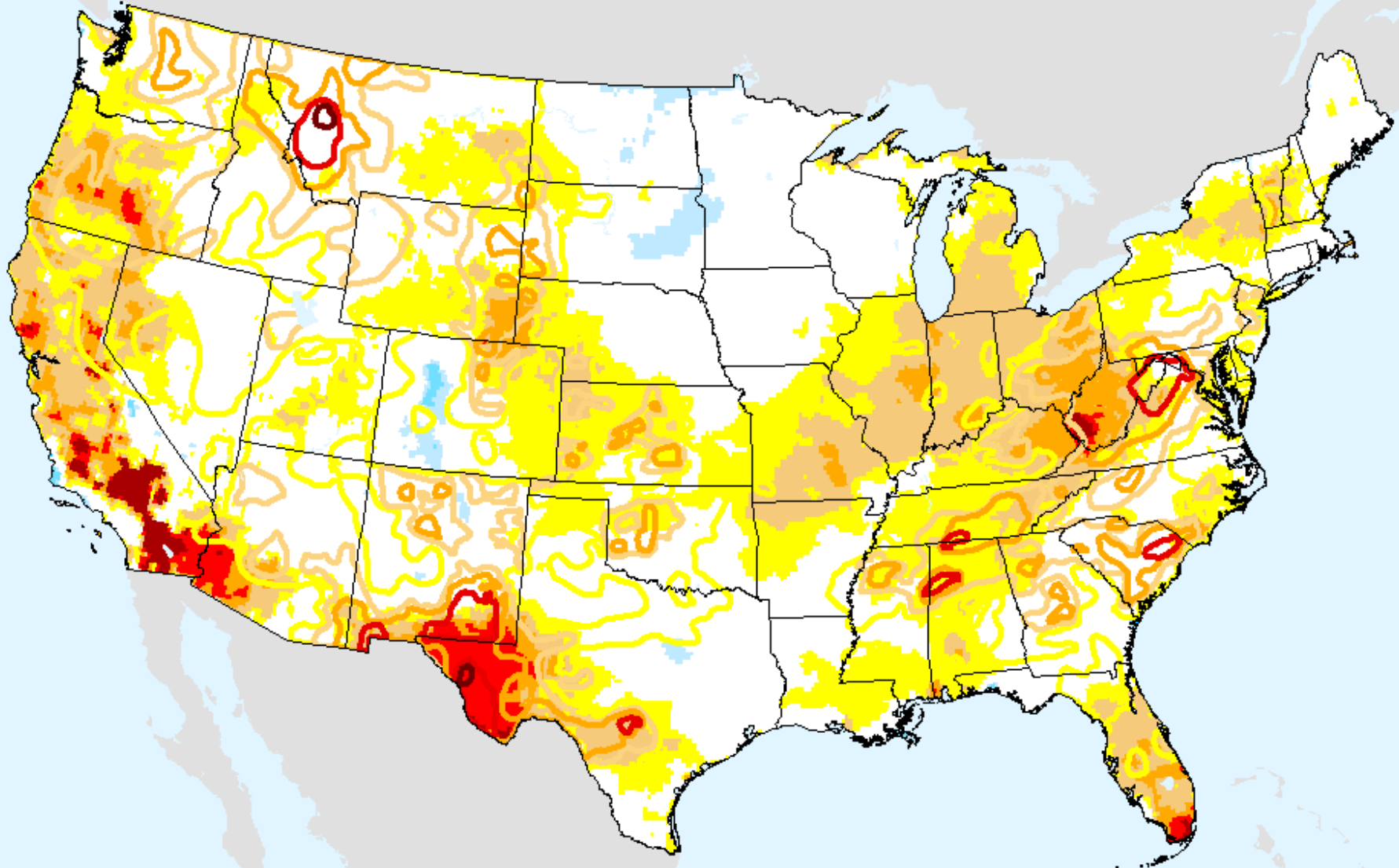
EDDI 11-week

As of: Tuesday, July 30, 2024



EDDI 12-week

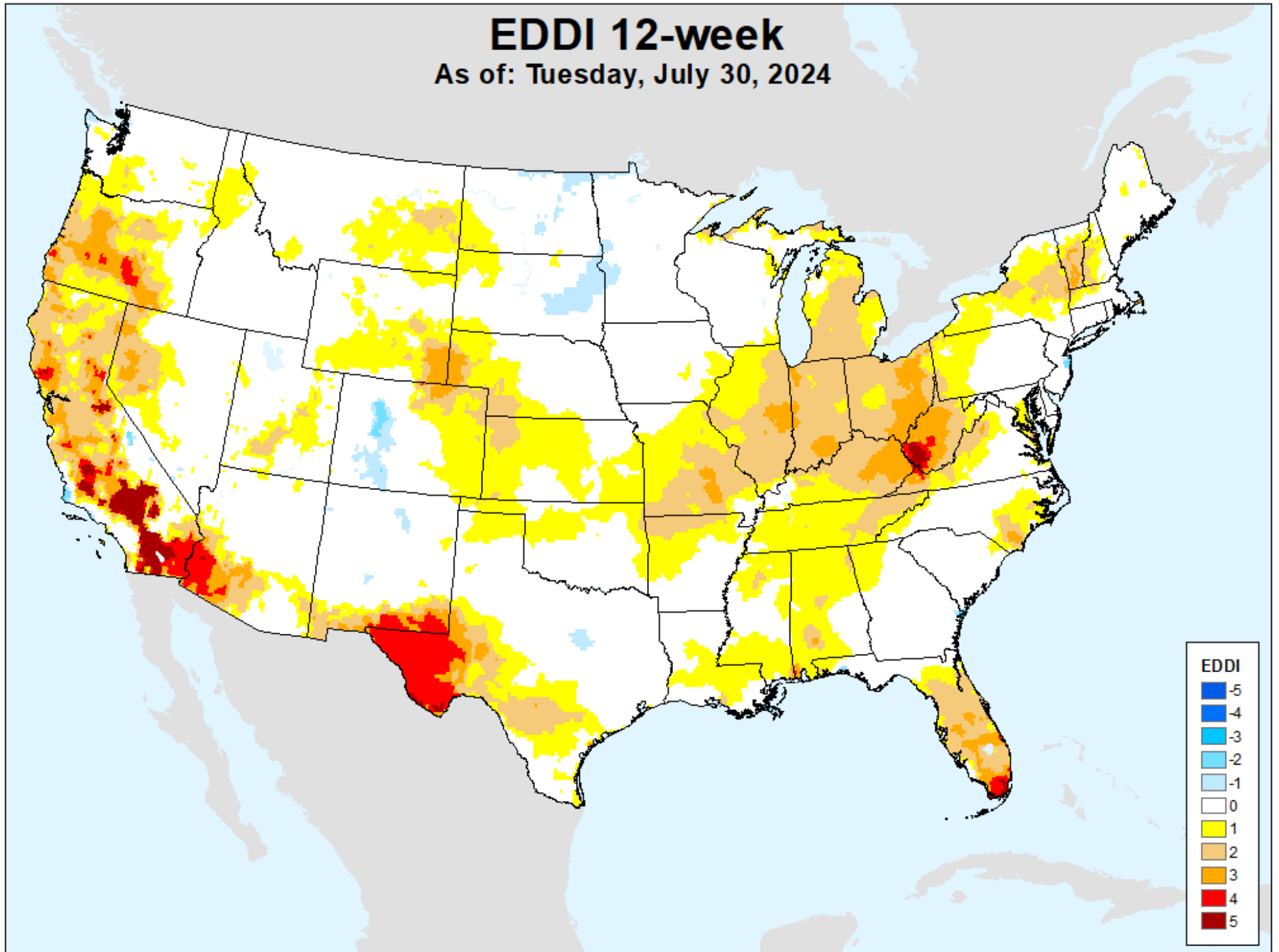
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

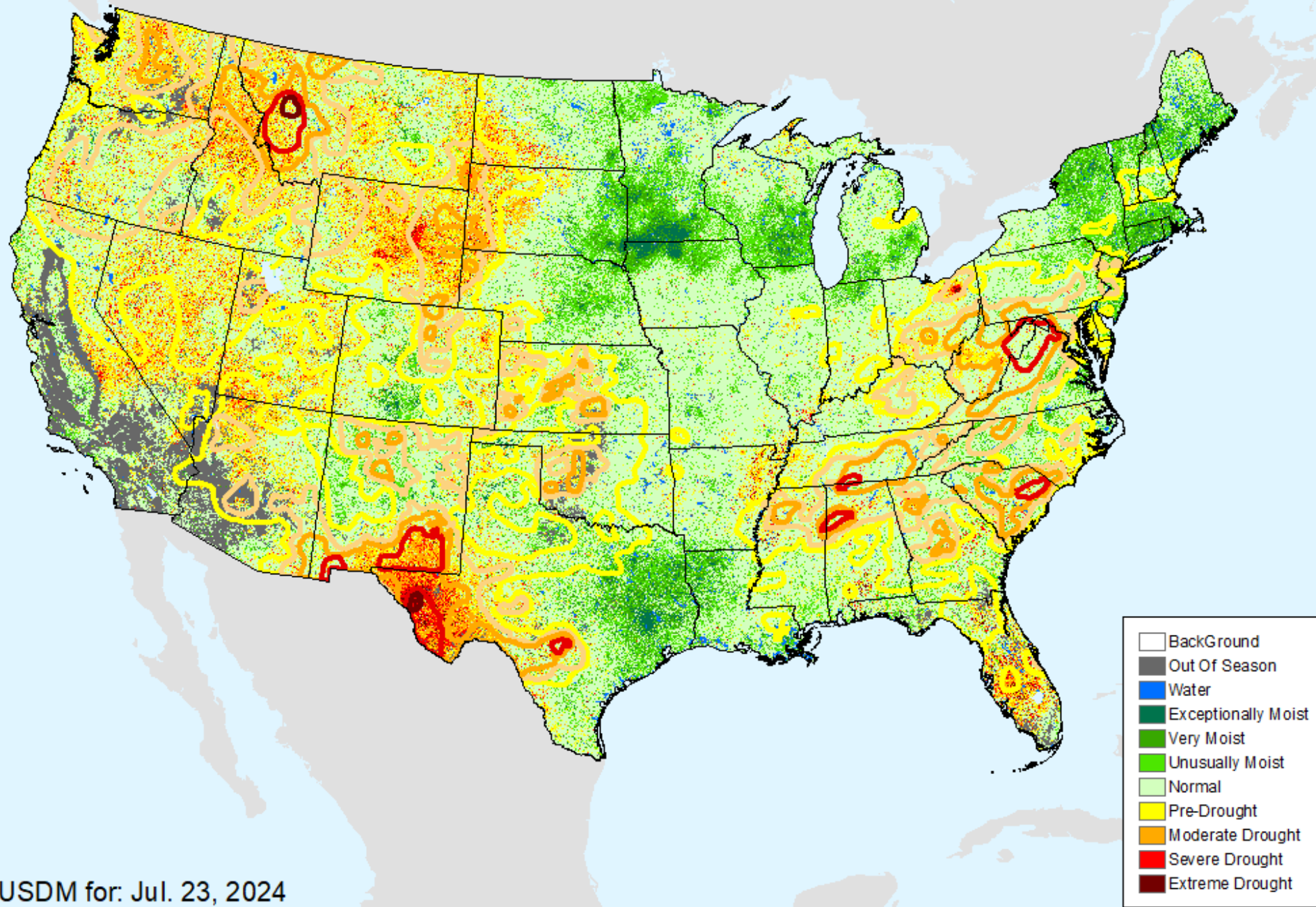
EDDI 12-week

As of: Tuesday, July 30, 2024



Vegetation Drought Response Index (VegDRI)

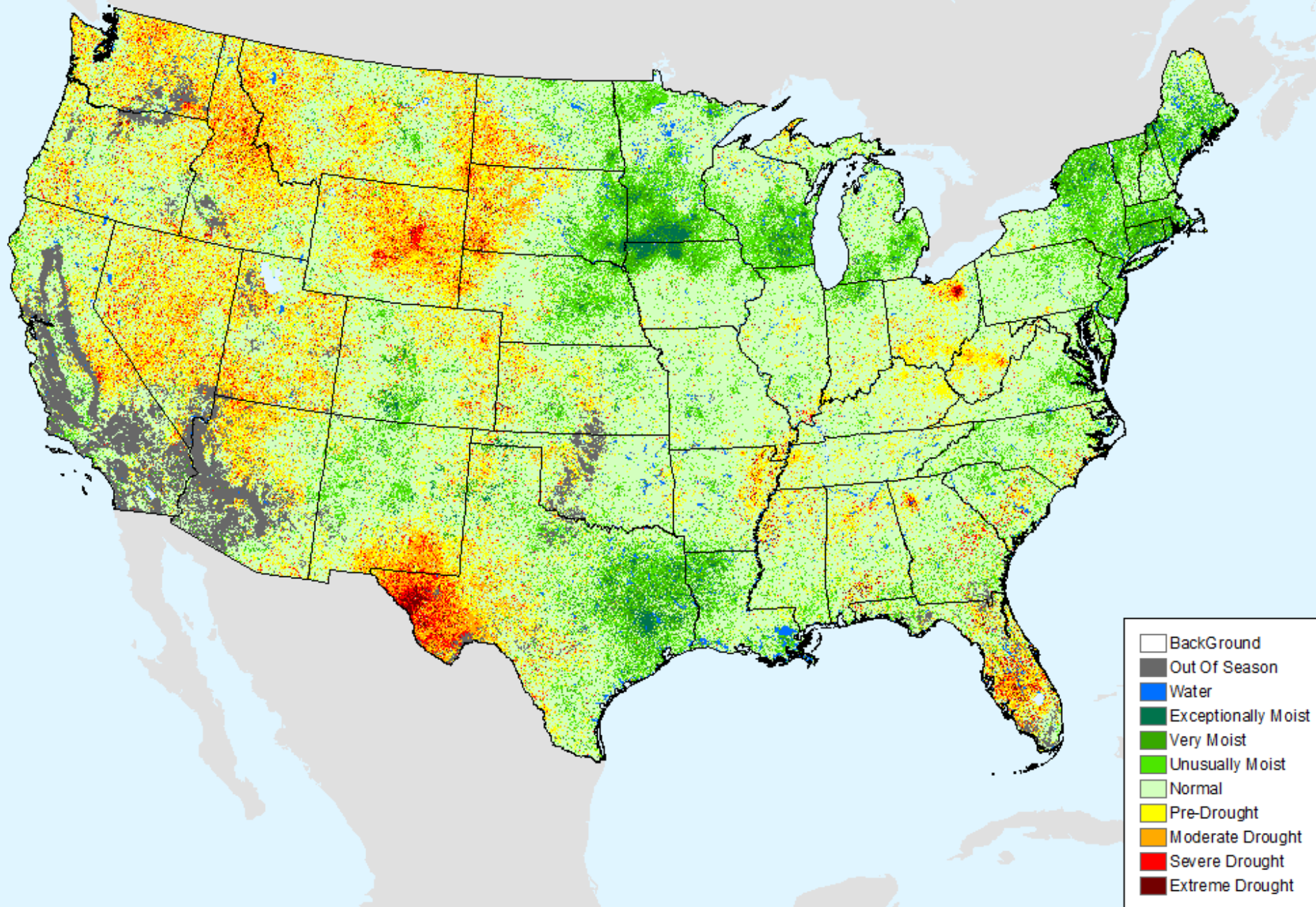
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

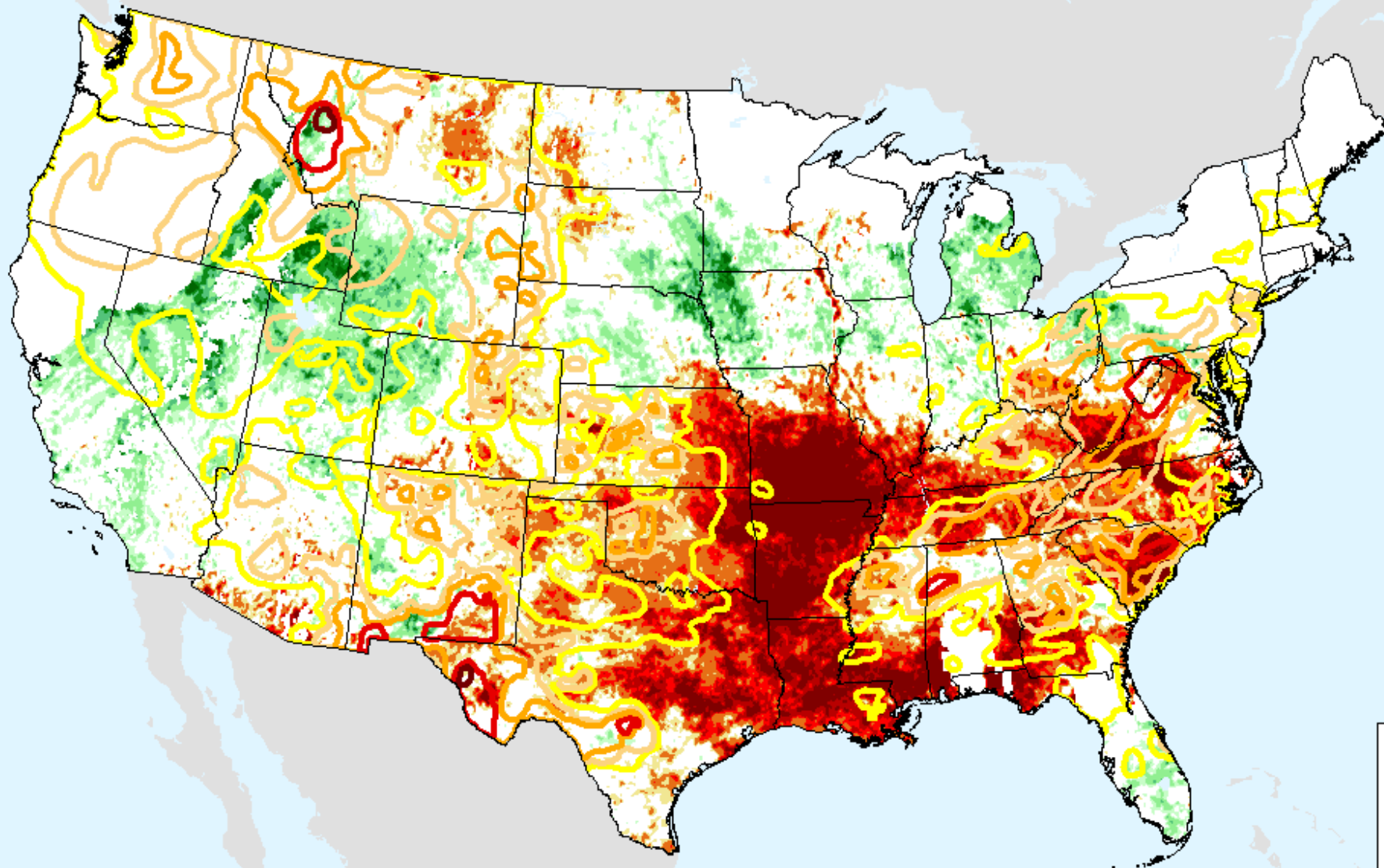
Vegetation Drought Response Index (VegDRI)

As of: Tuesday, July 30, 2024



Evaporative Stress Index (ESI) 4-week

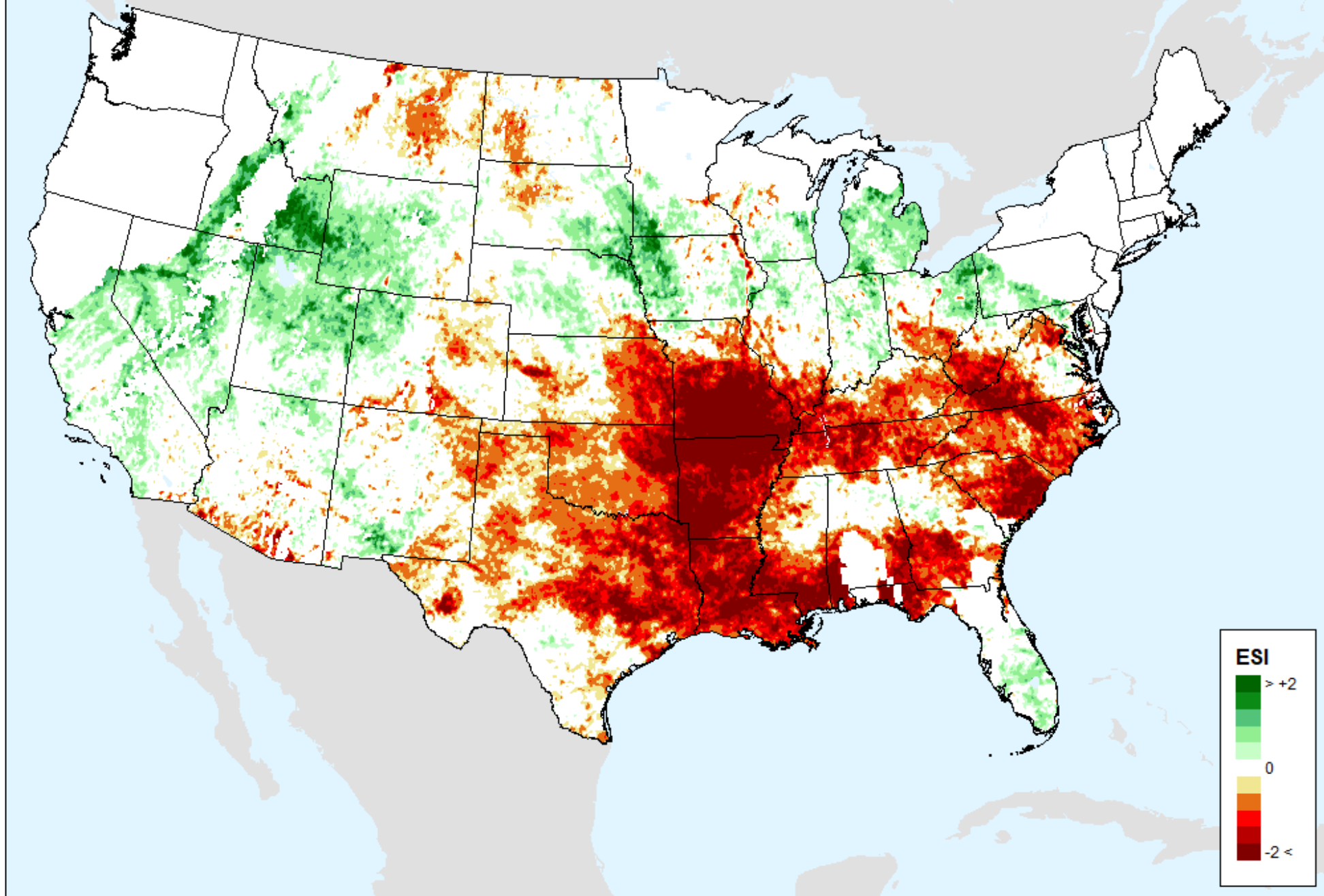
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

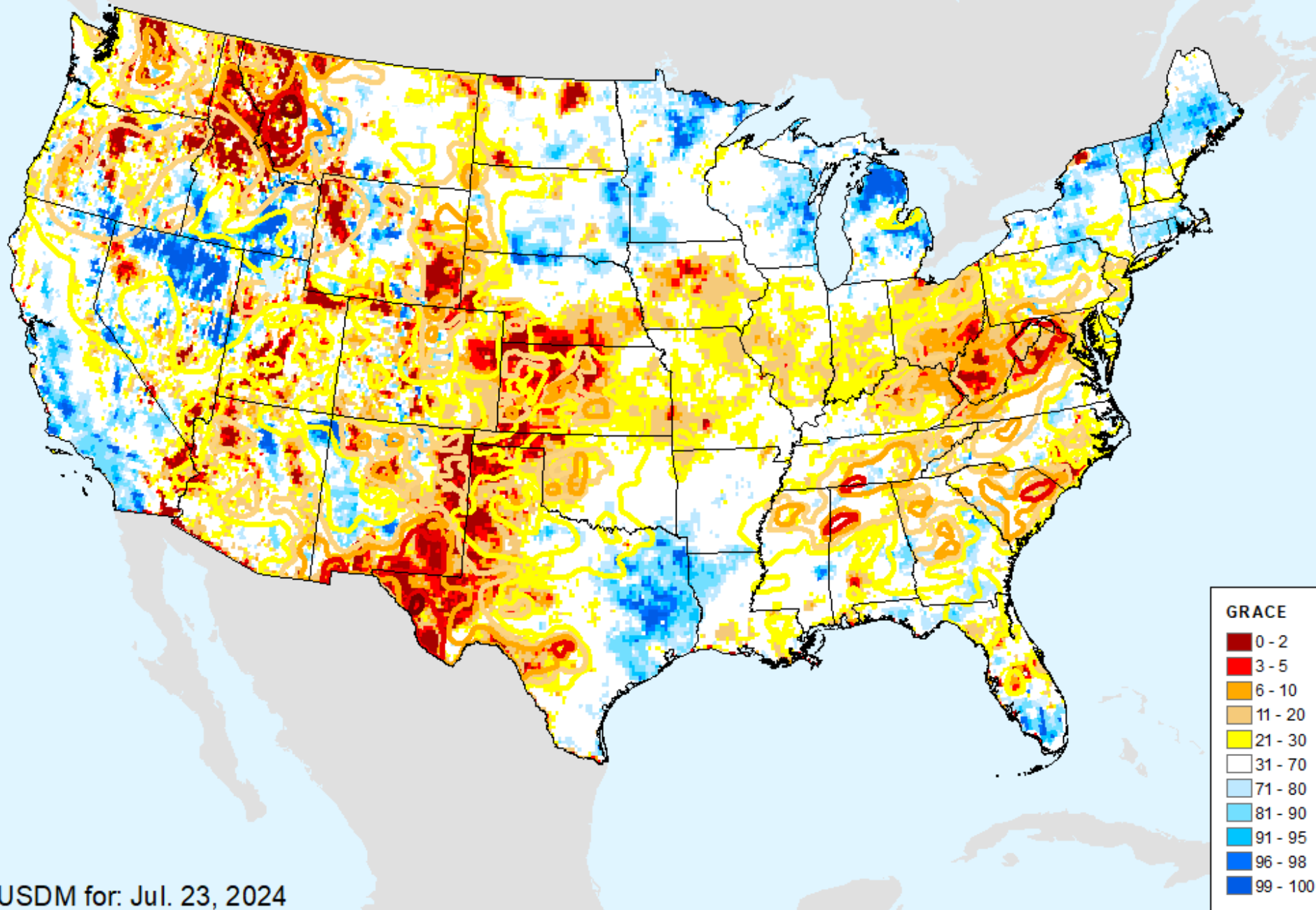
Evaporative Stress Index (ESI) 4-week

As of: Tuesday, July 30, 2024



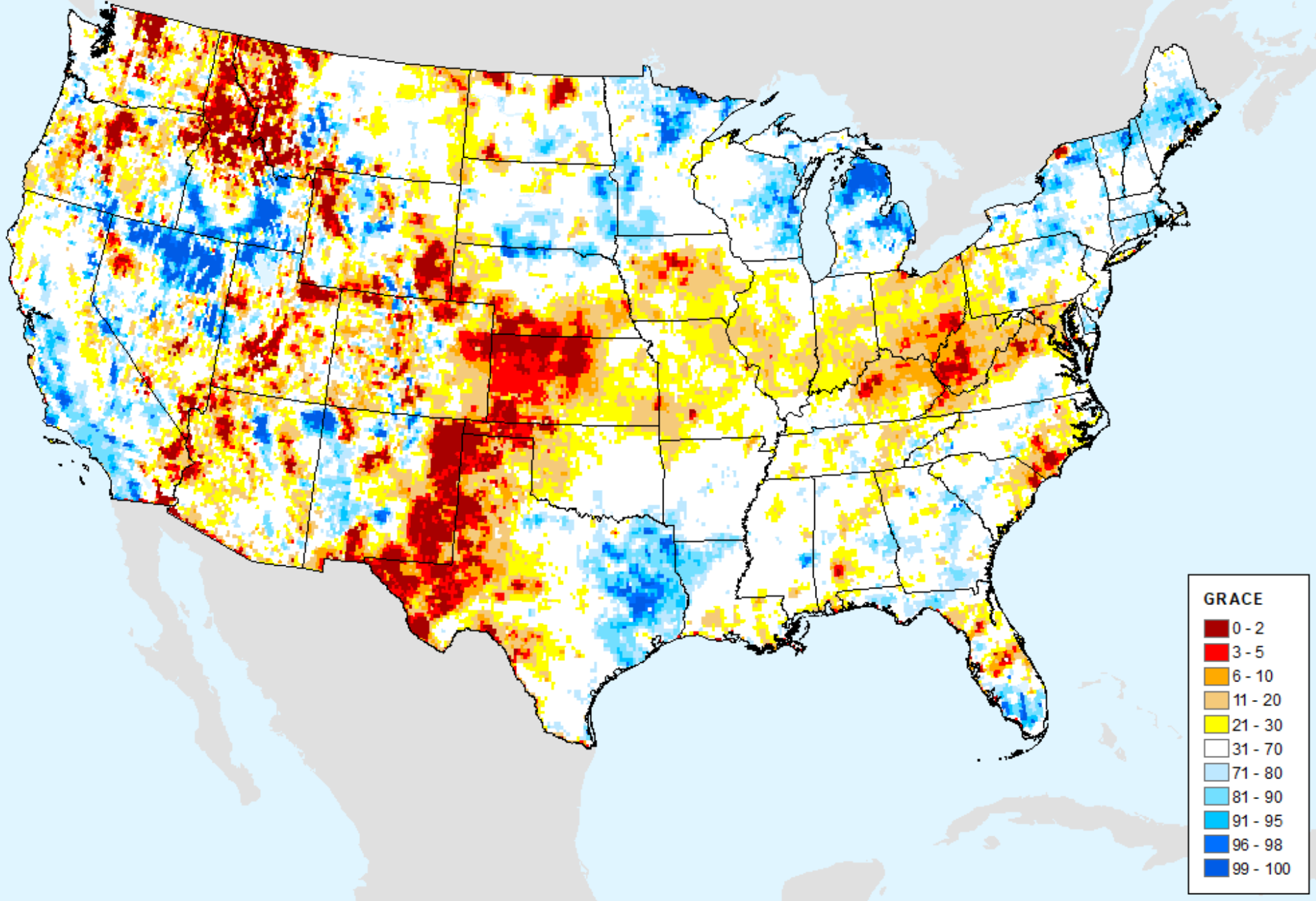
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, July 30, 2024



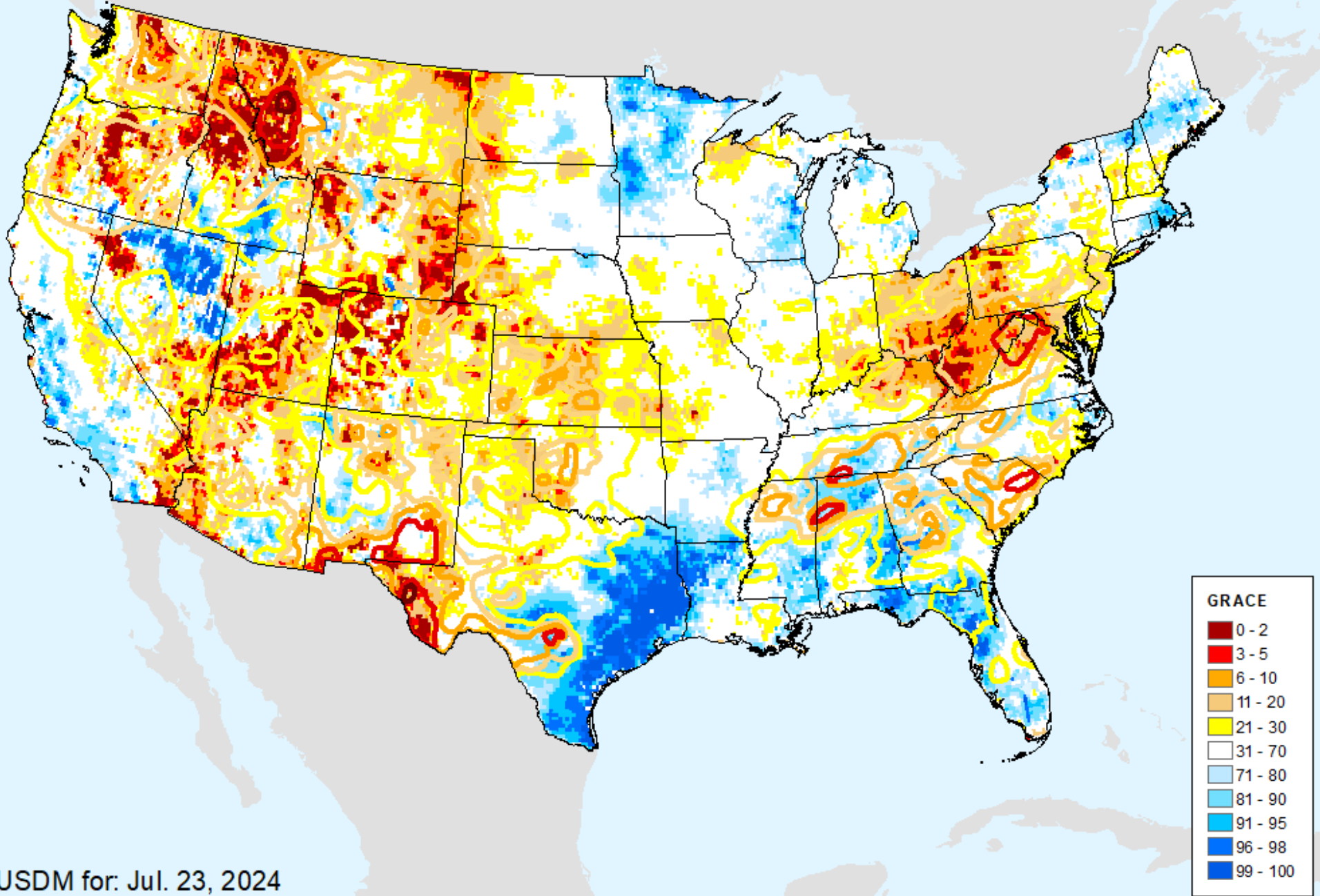
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, July 30, 2024



GRACE-Based Root Zone Soil Moisture Drought Indicator

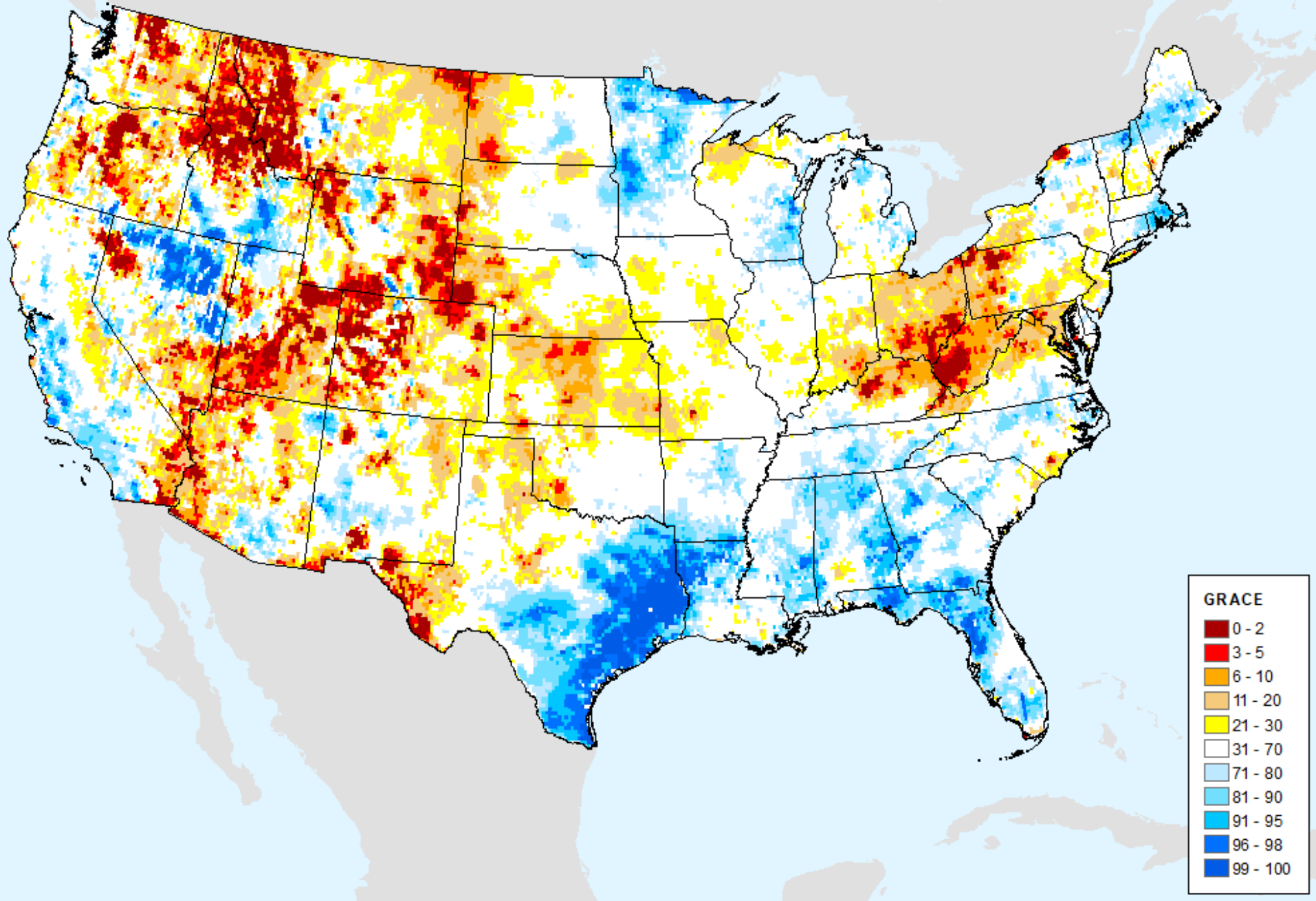
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

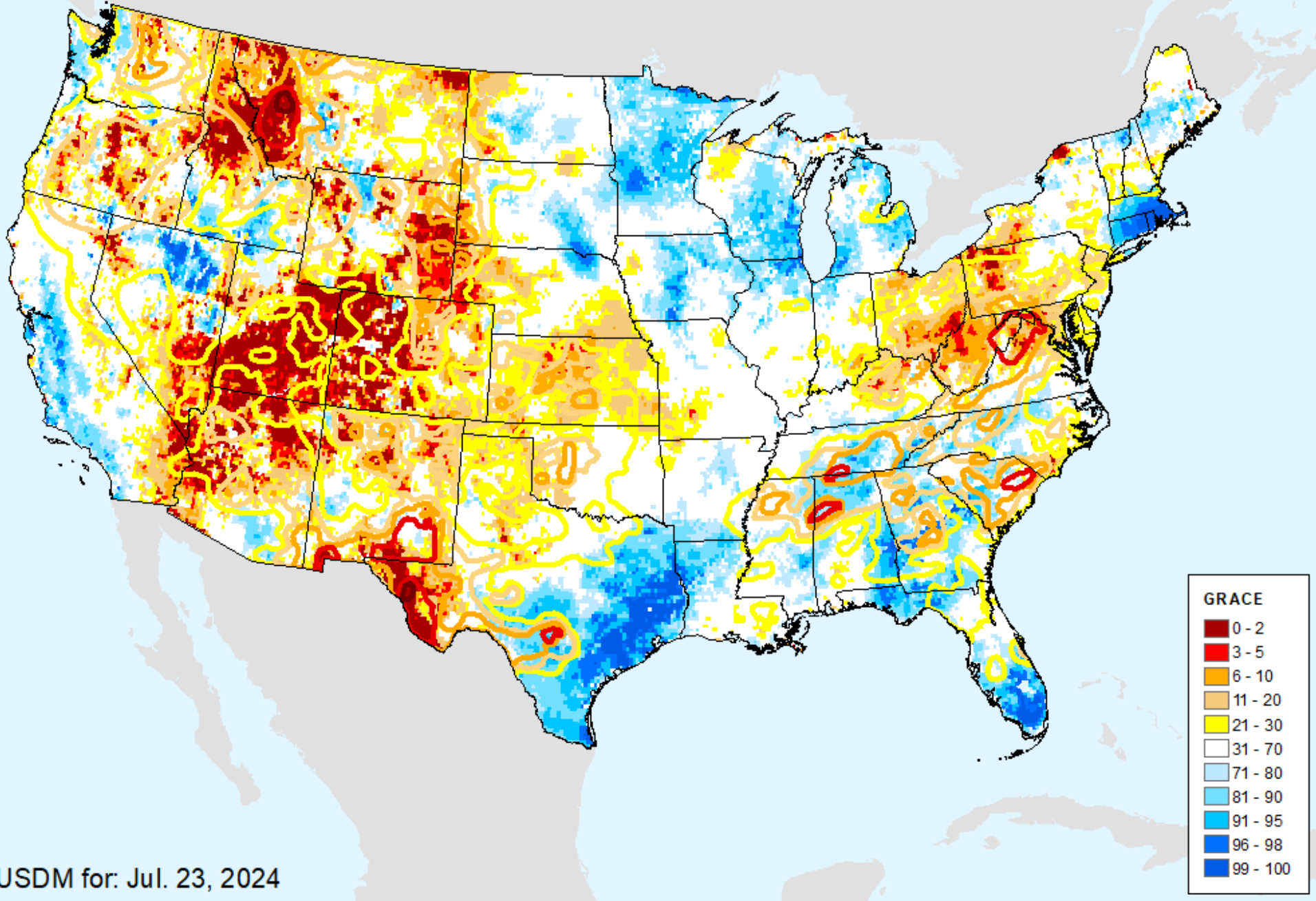
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, July 30, 2024



GRACE-Based Surface Soil Moisture Drought Indicator

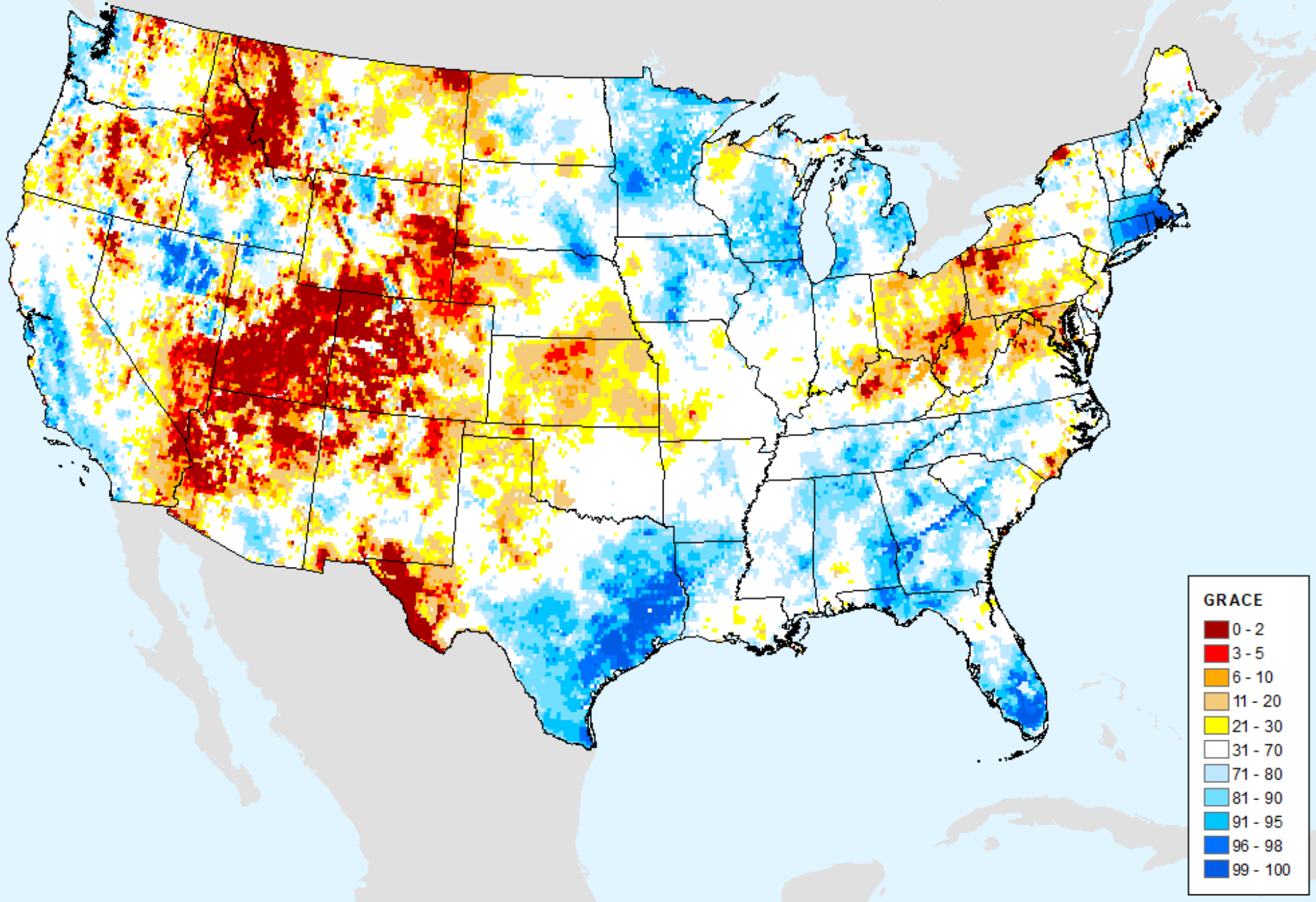
As of: Tuesday, July 30, 2024



USDM for: Jul. 23, 2024

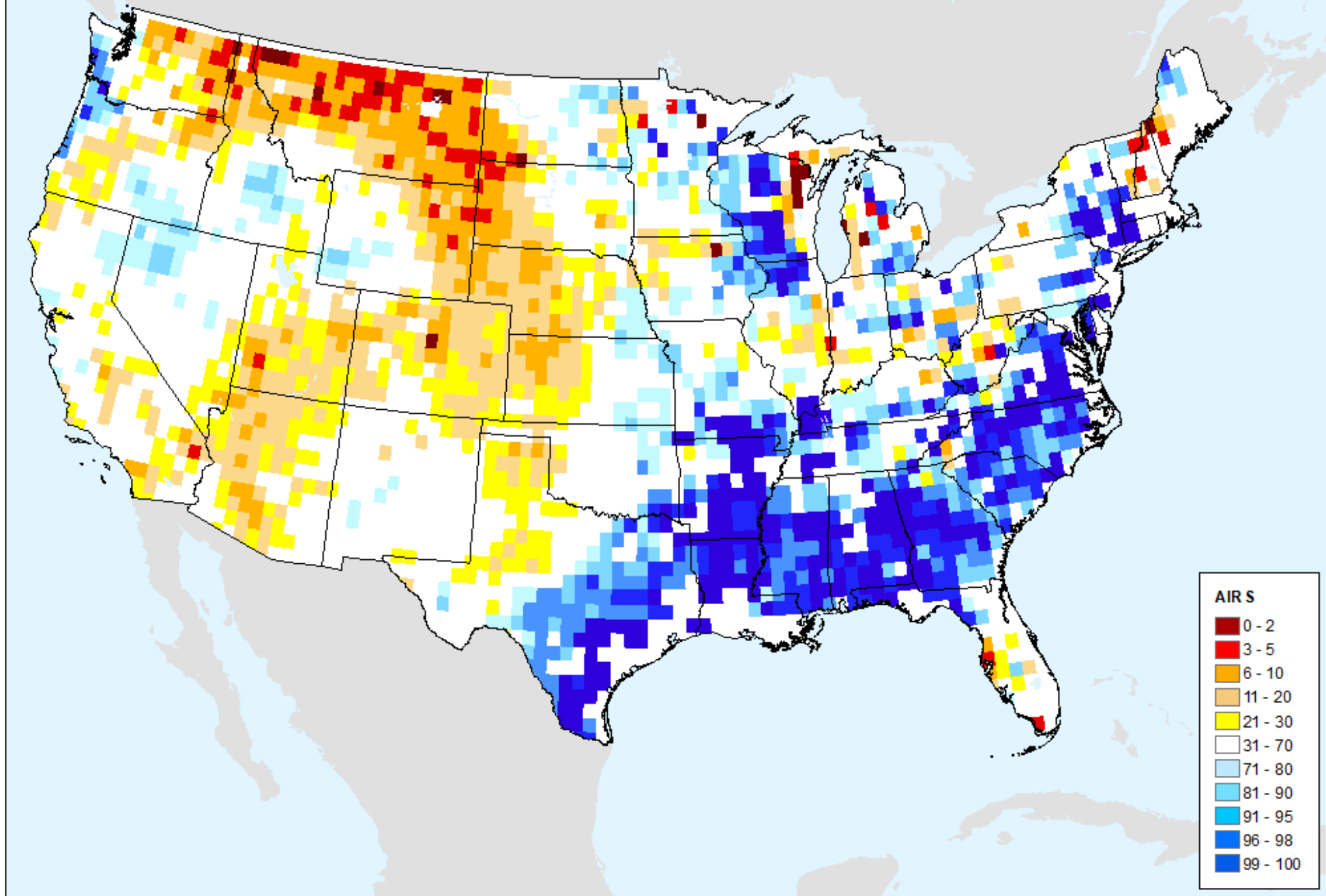
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, July 30, 2024



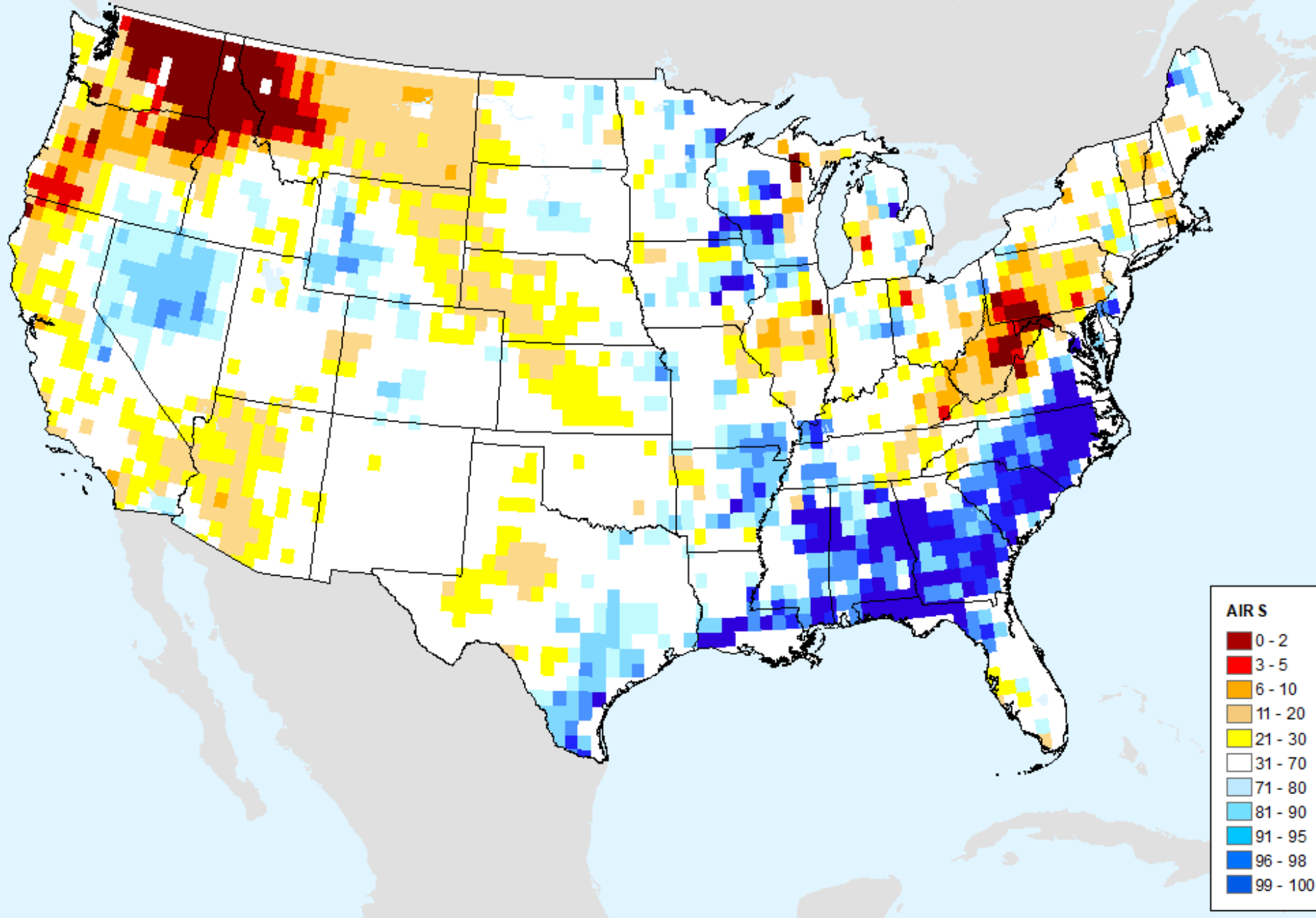
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, July 30, 2024



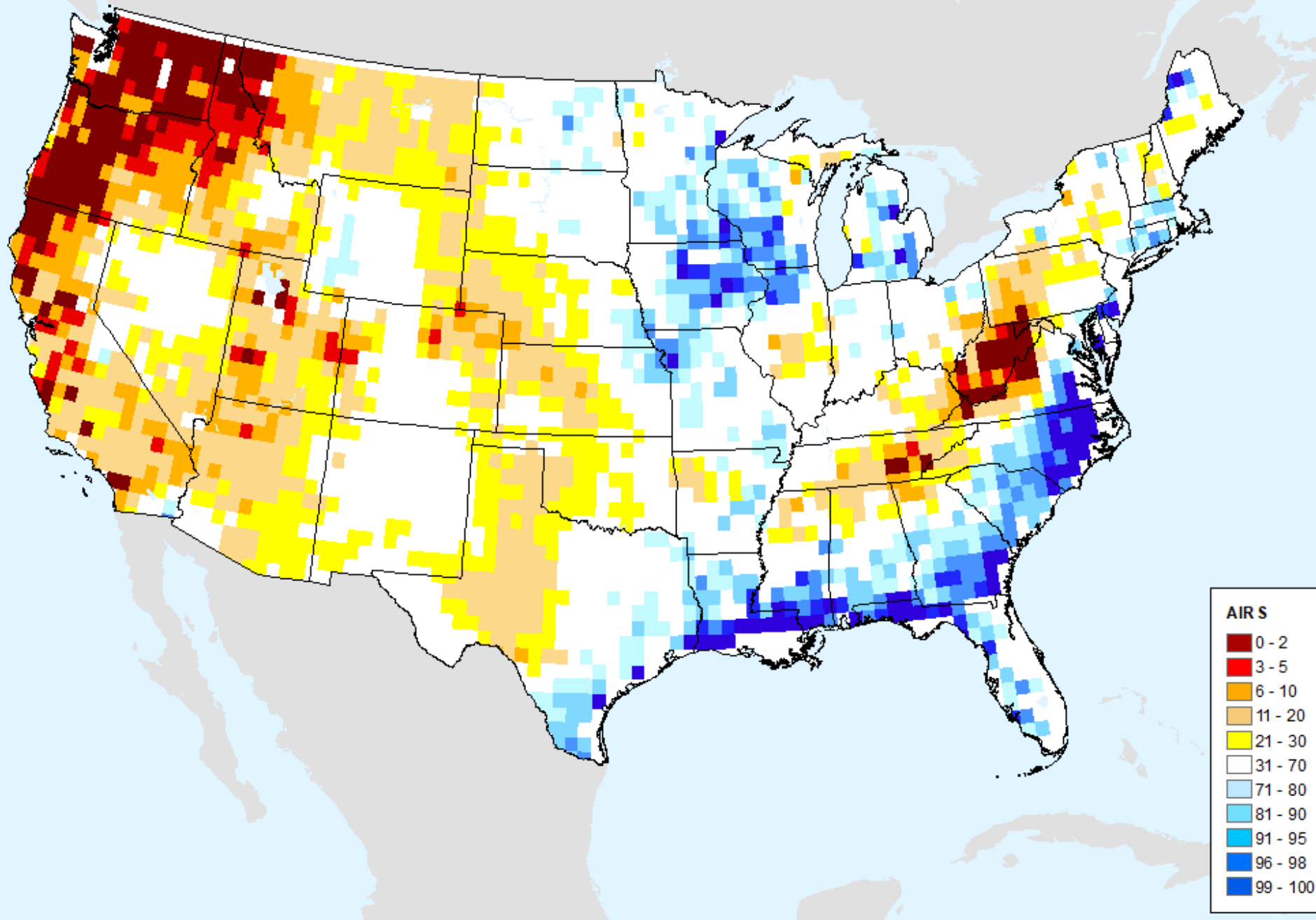
AIRS-Based Surface Relative Humidity 14 Day

As of: Tuesday, July 30, 2024



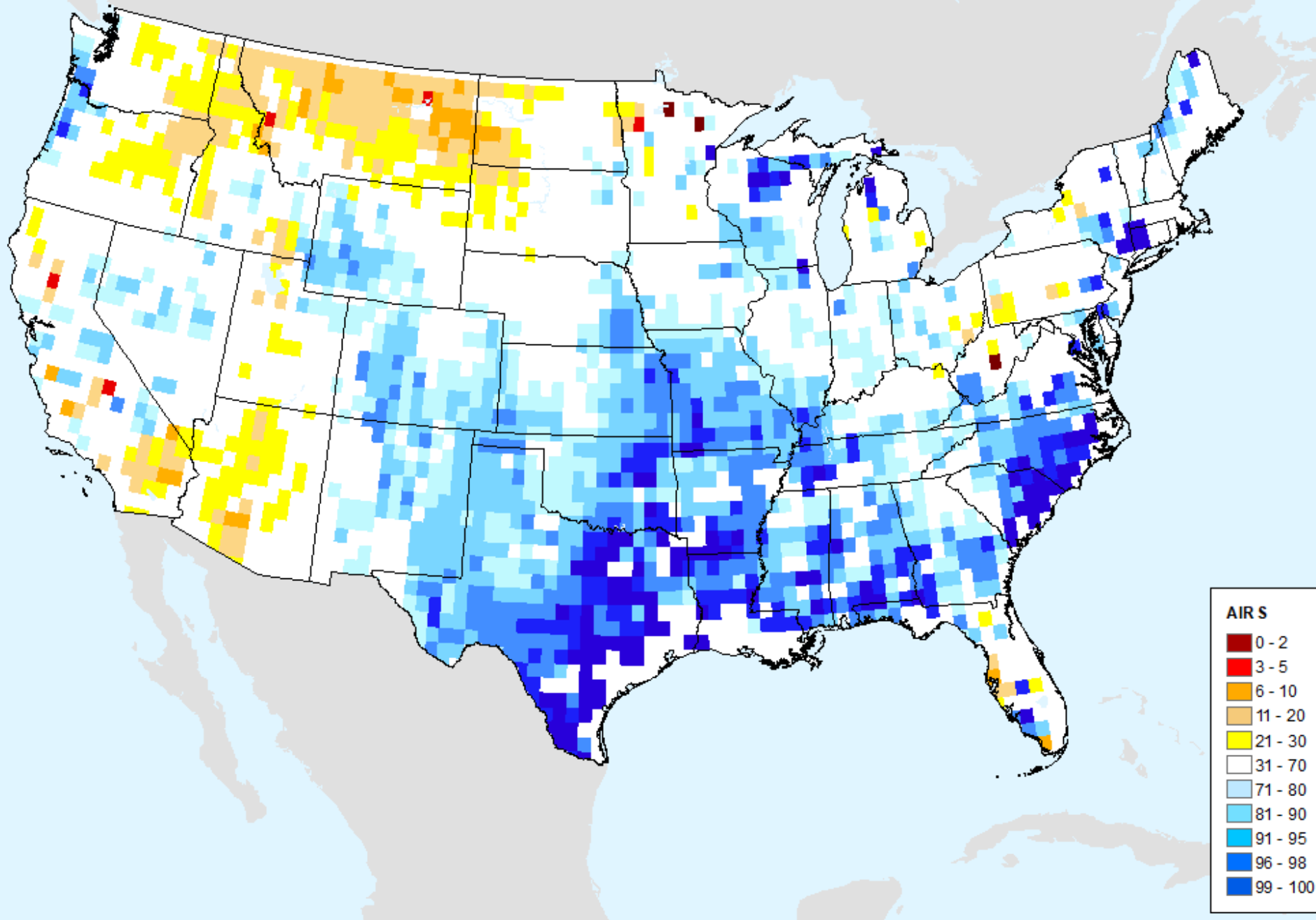
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, July 30, 2024



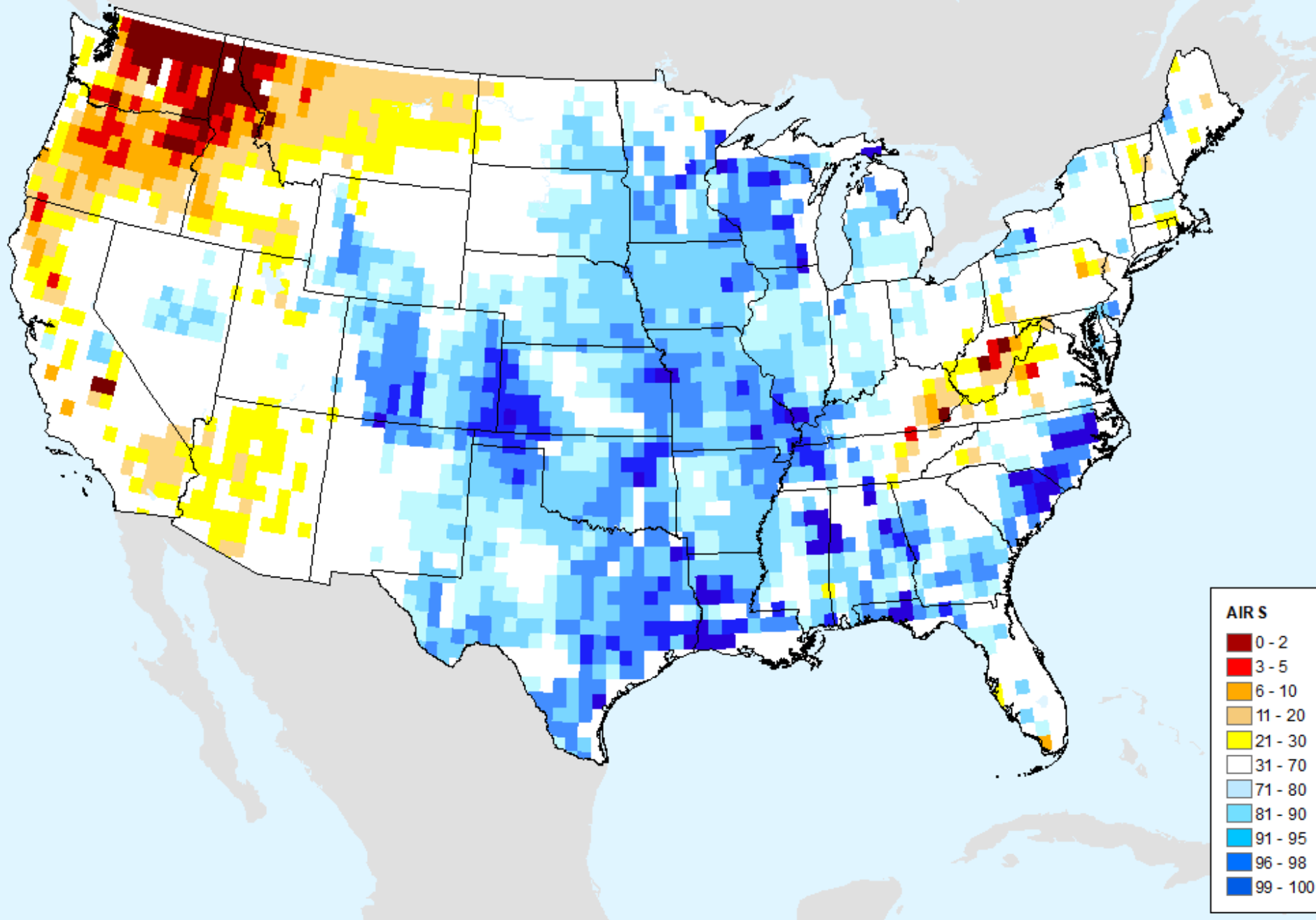
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Tuesday, July 30, 2024



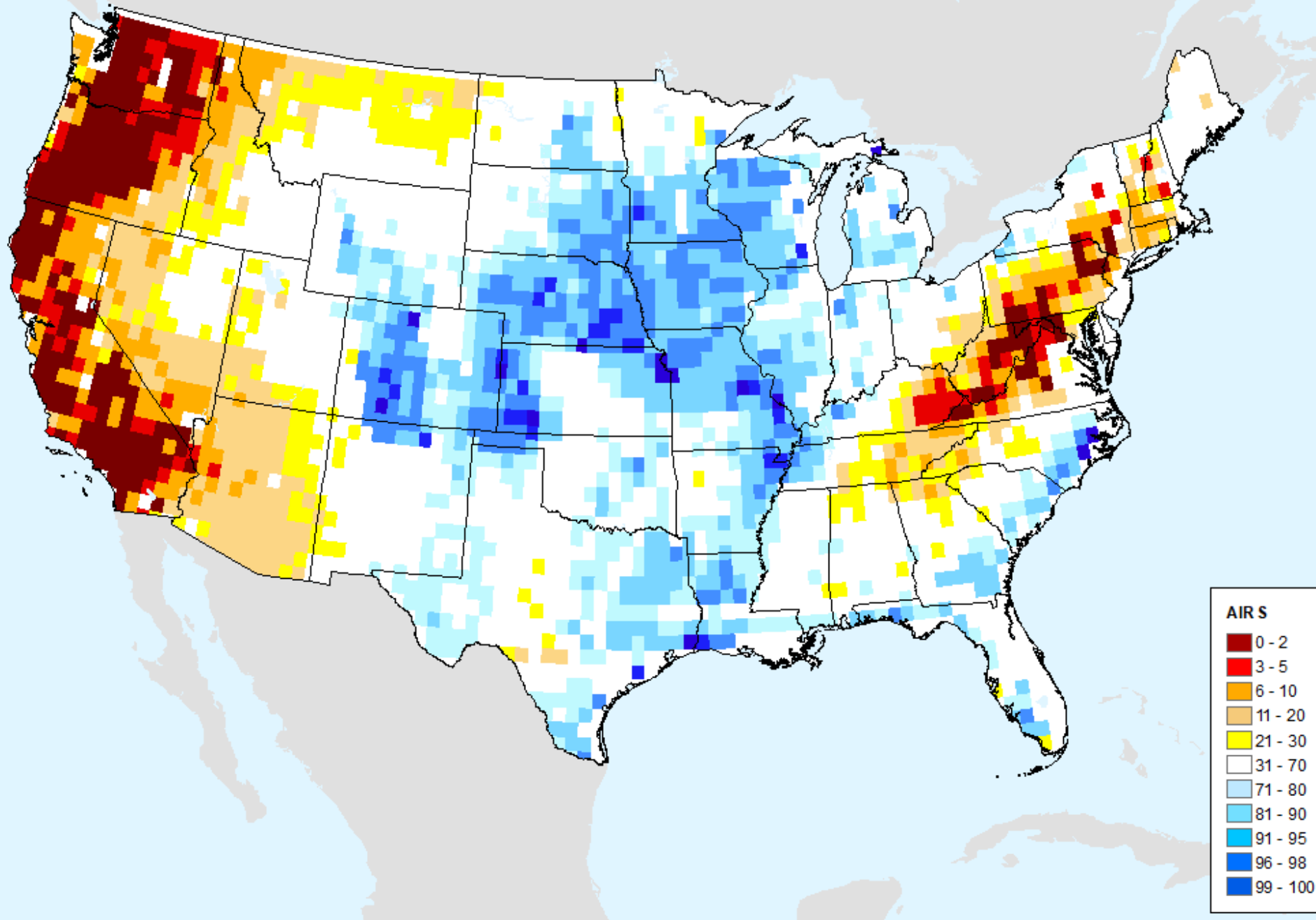
AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Tuesday, July 30, 2024



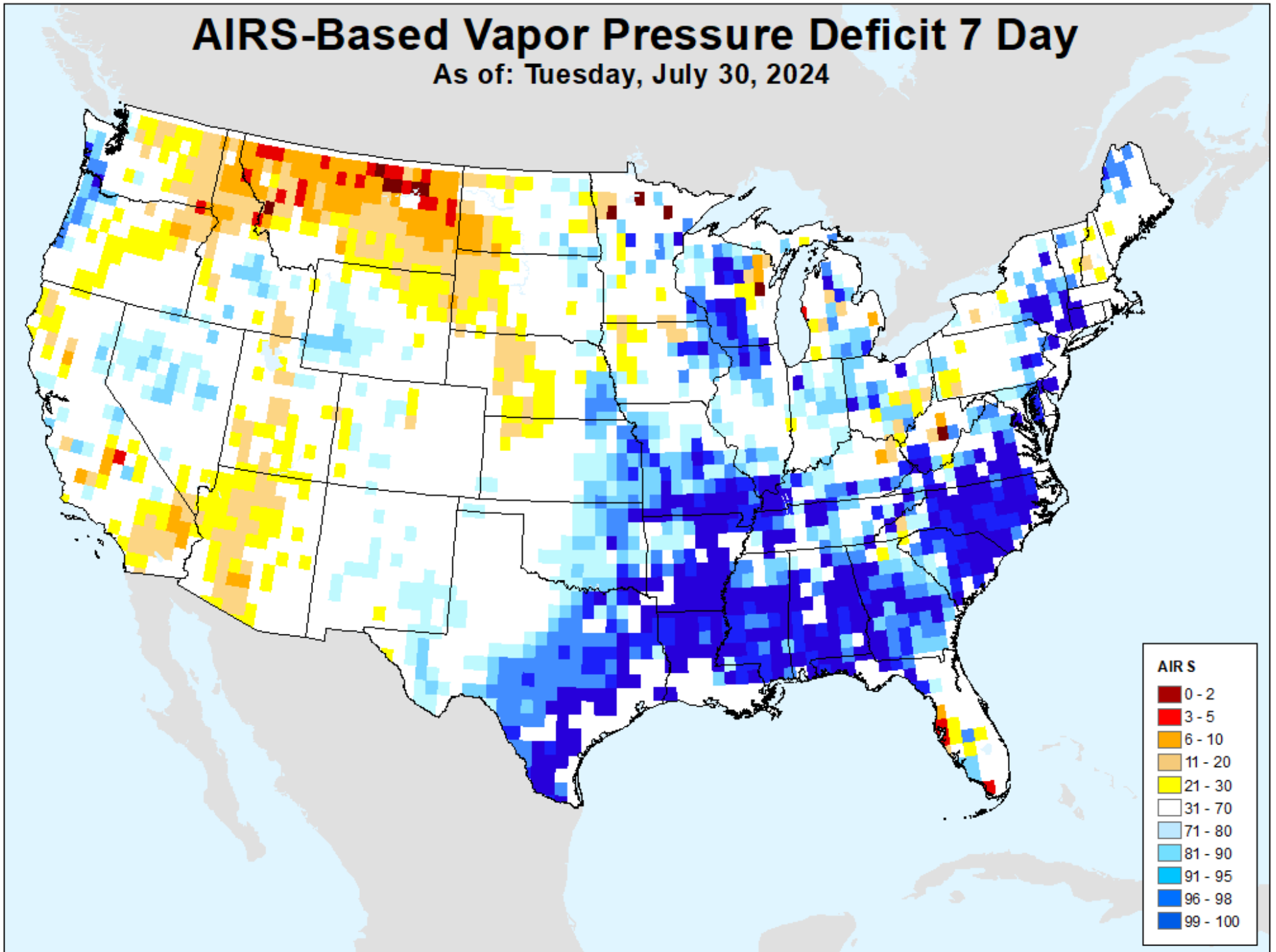
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, July 30, 2024



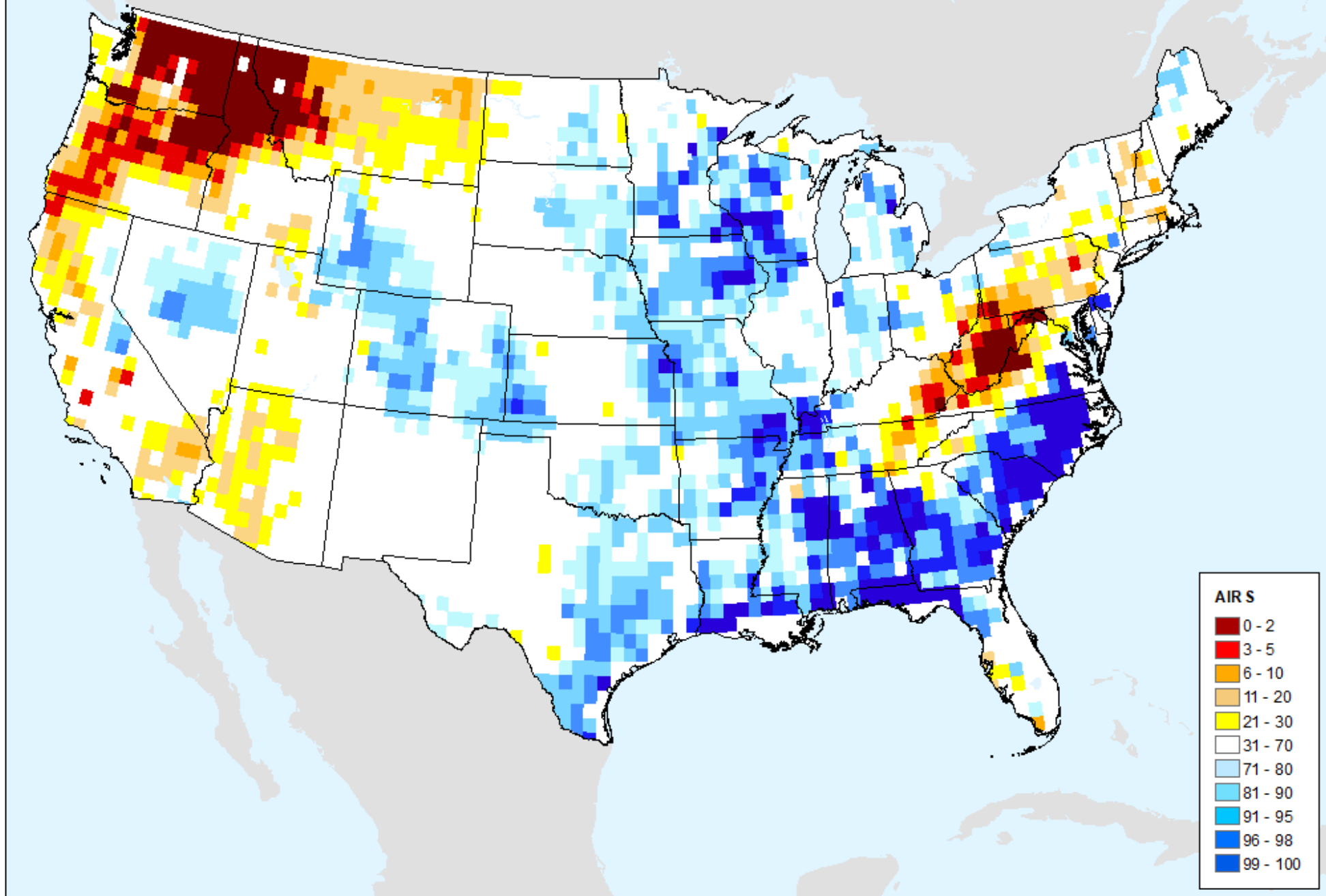
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, July 30, 2024



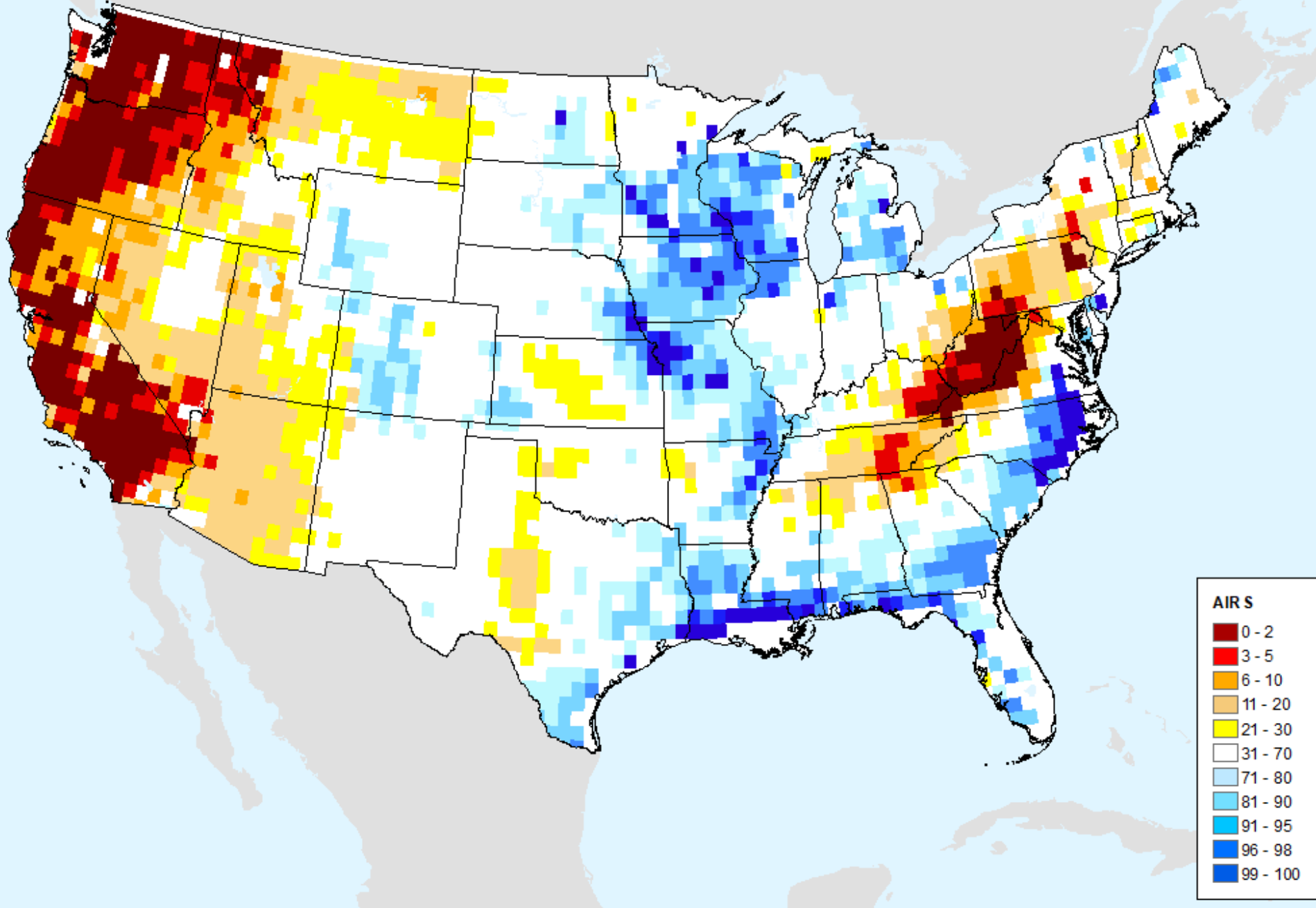
AIRS-Based Vapor Pressure Deficit 14 Day

As of: Tuesday, July 30, 2024



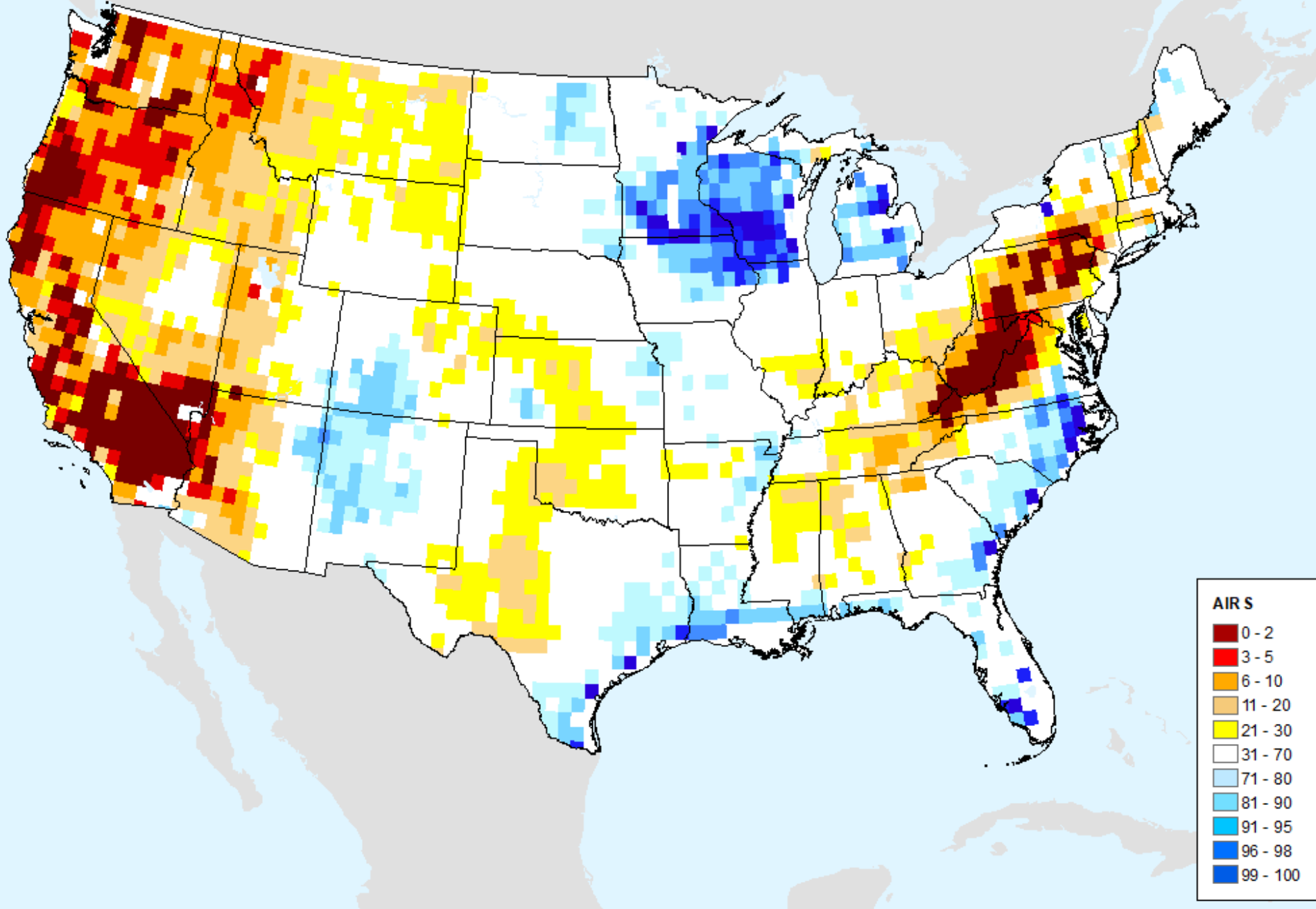
AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, July 30, 2024



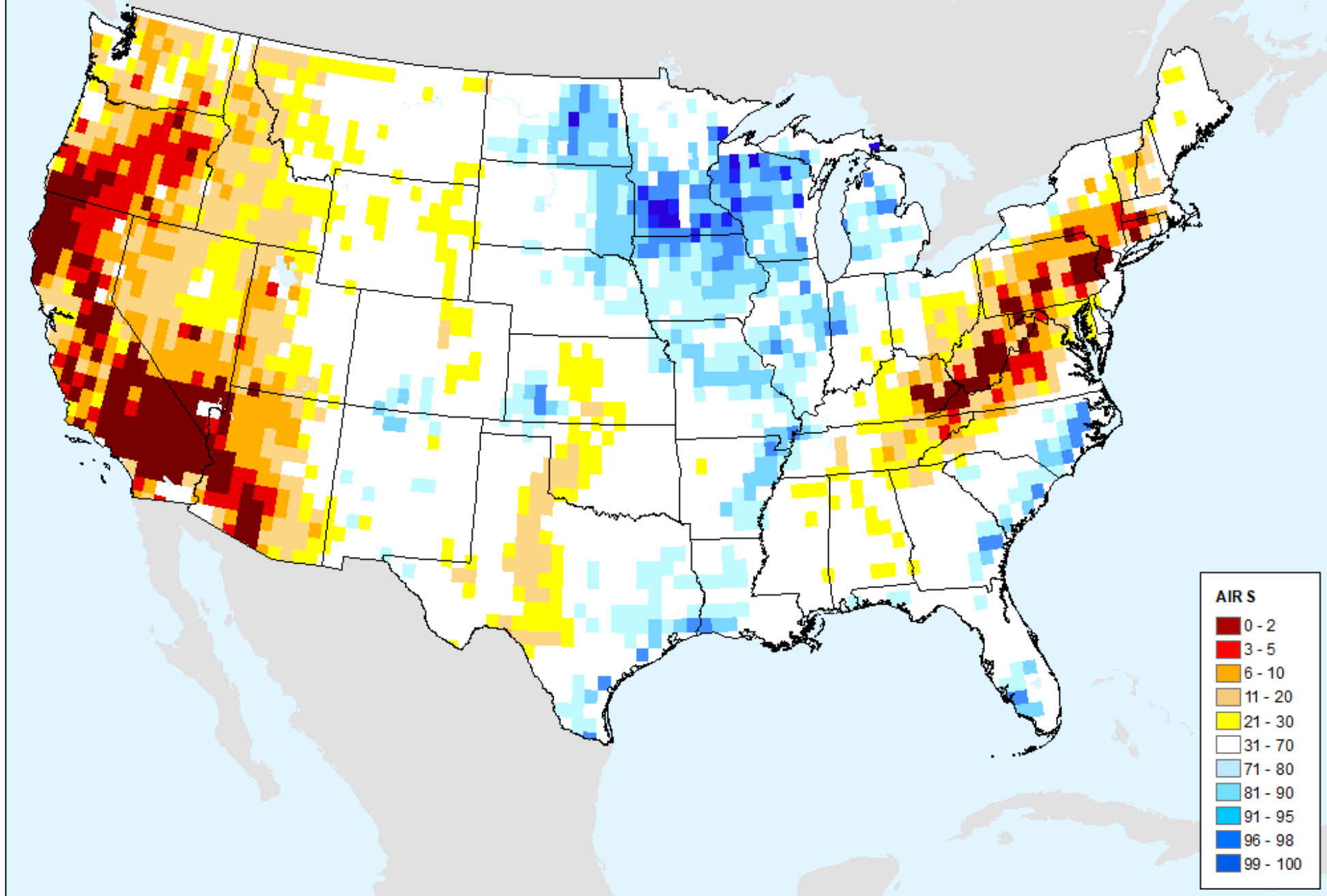
AIRS-Based Vapor Pressure Deficit 56 Day

As of: Tuesday, July 30, 2024



AIRS-Based Surface Air Temperature 56 Day

As of: Tuesday, July 30, 2024



AIRS-Based Surface Relative Humidity 56 Day

As of: Tuesday, July 30, 2024

