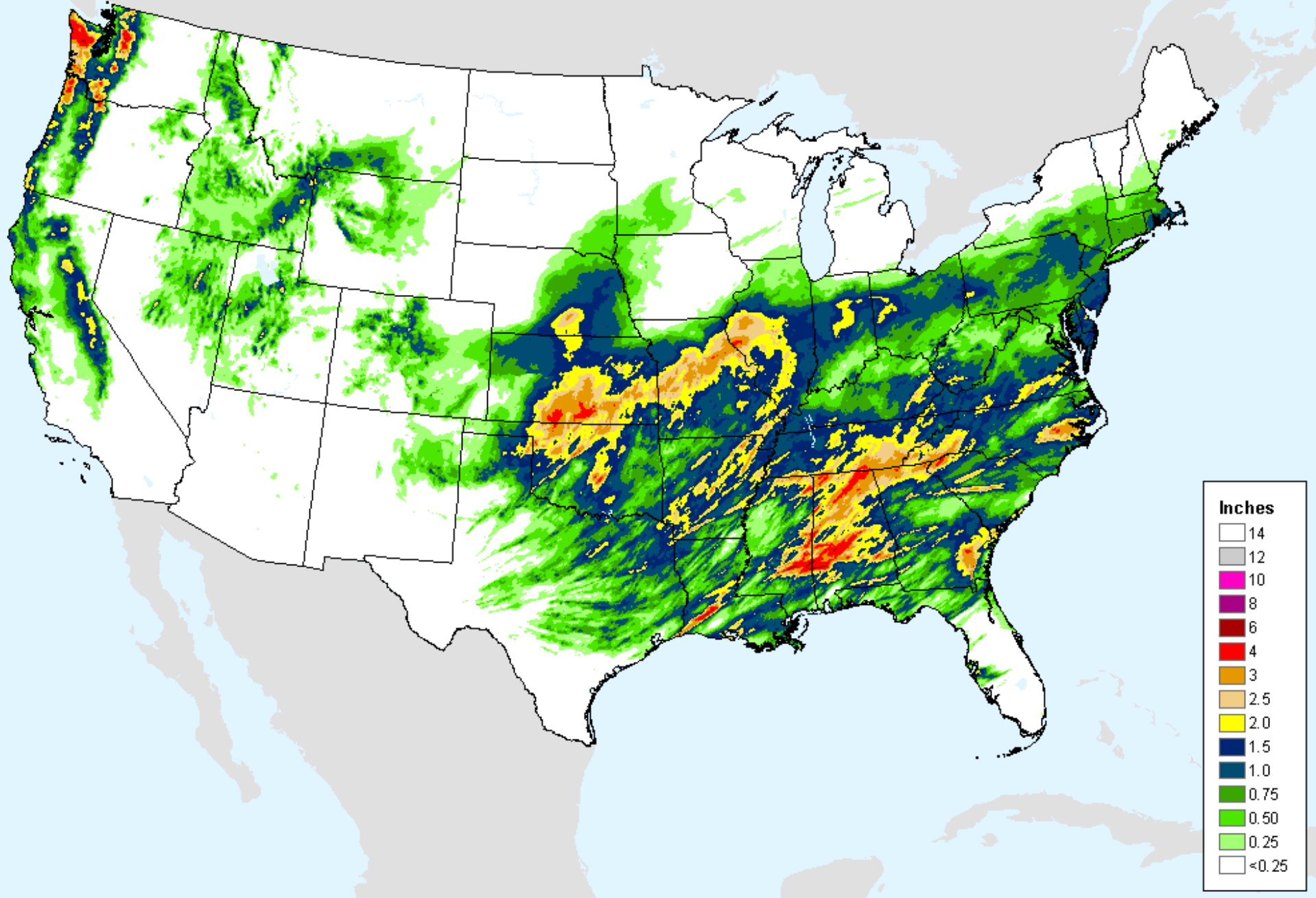


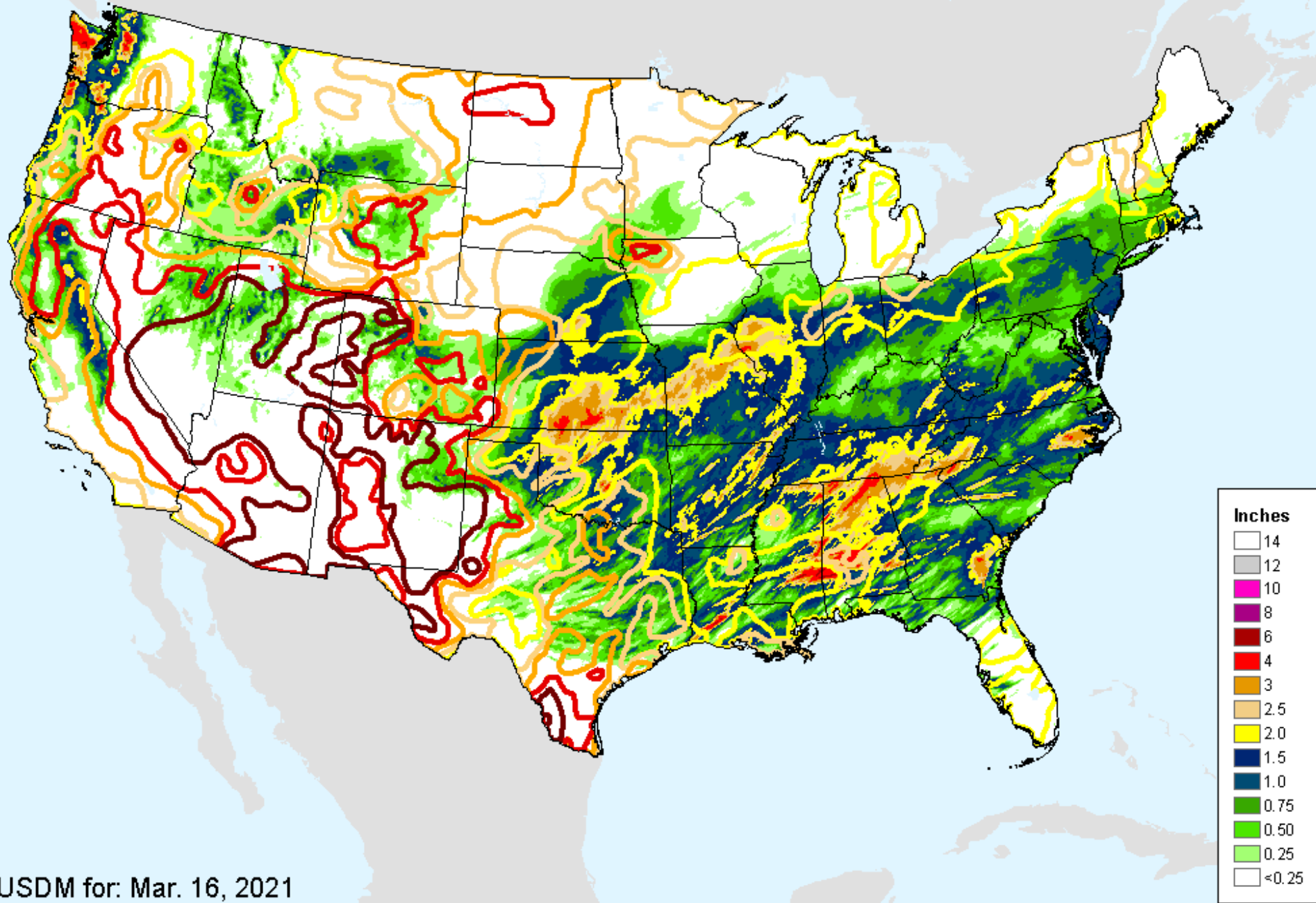
# AHPS 7-Day Precipitation

As of: Tuesday, March 23, 2021



# AHPS 7-Day Precipitation

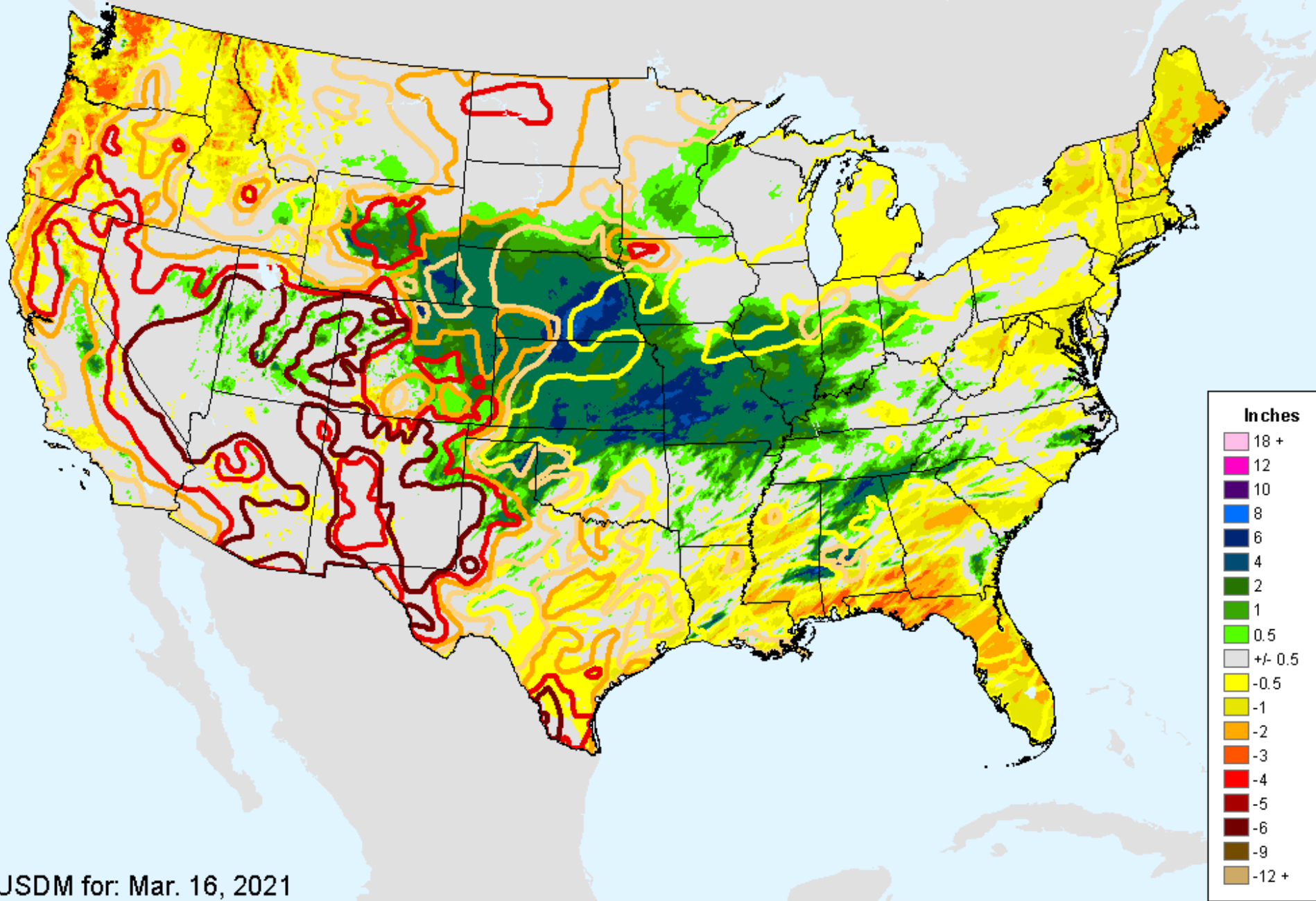
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# AHPS 14-Day Precip Departure

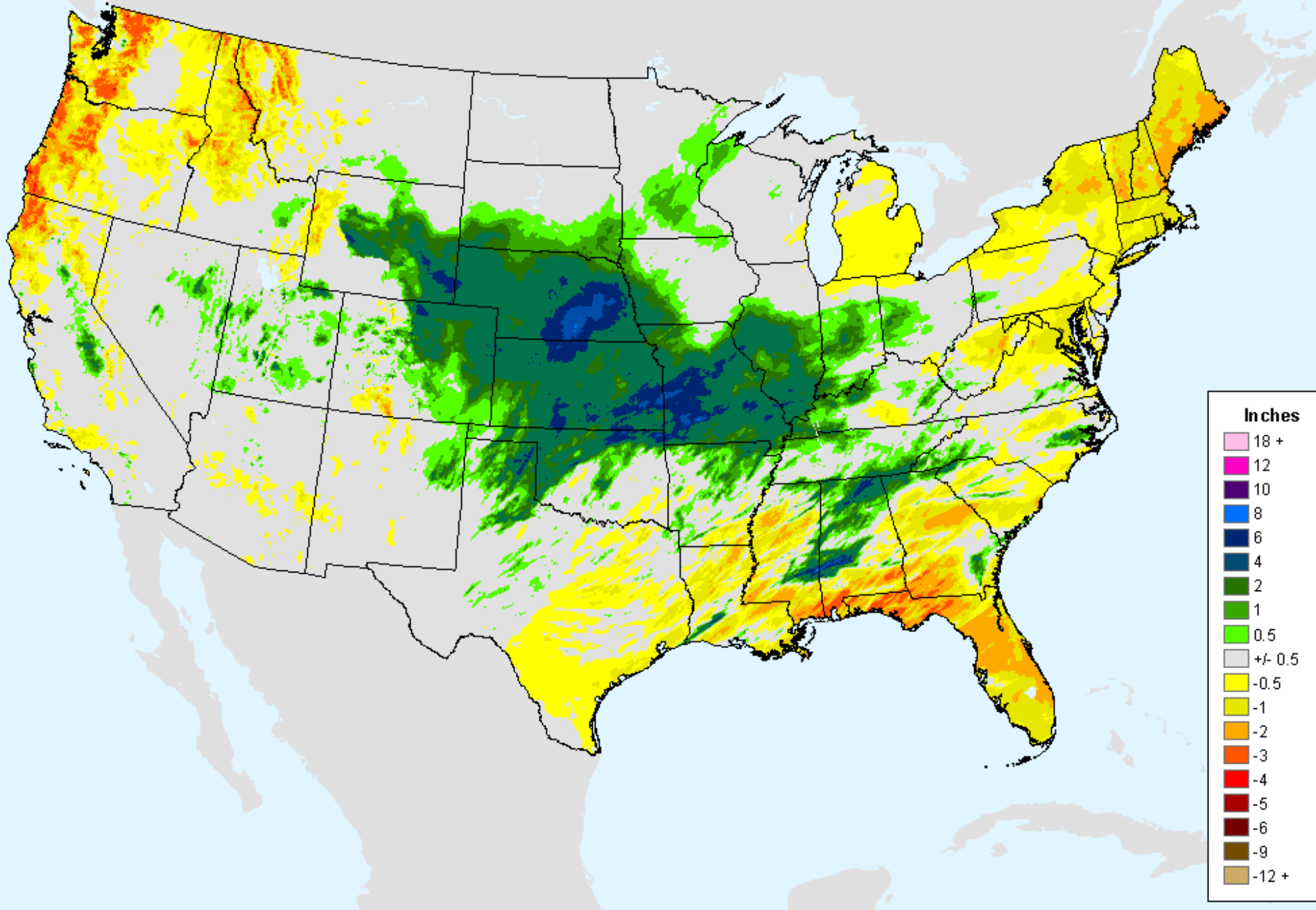
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

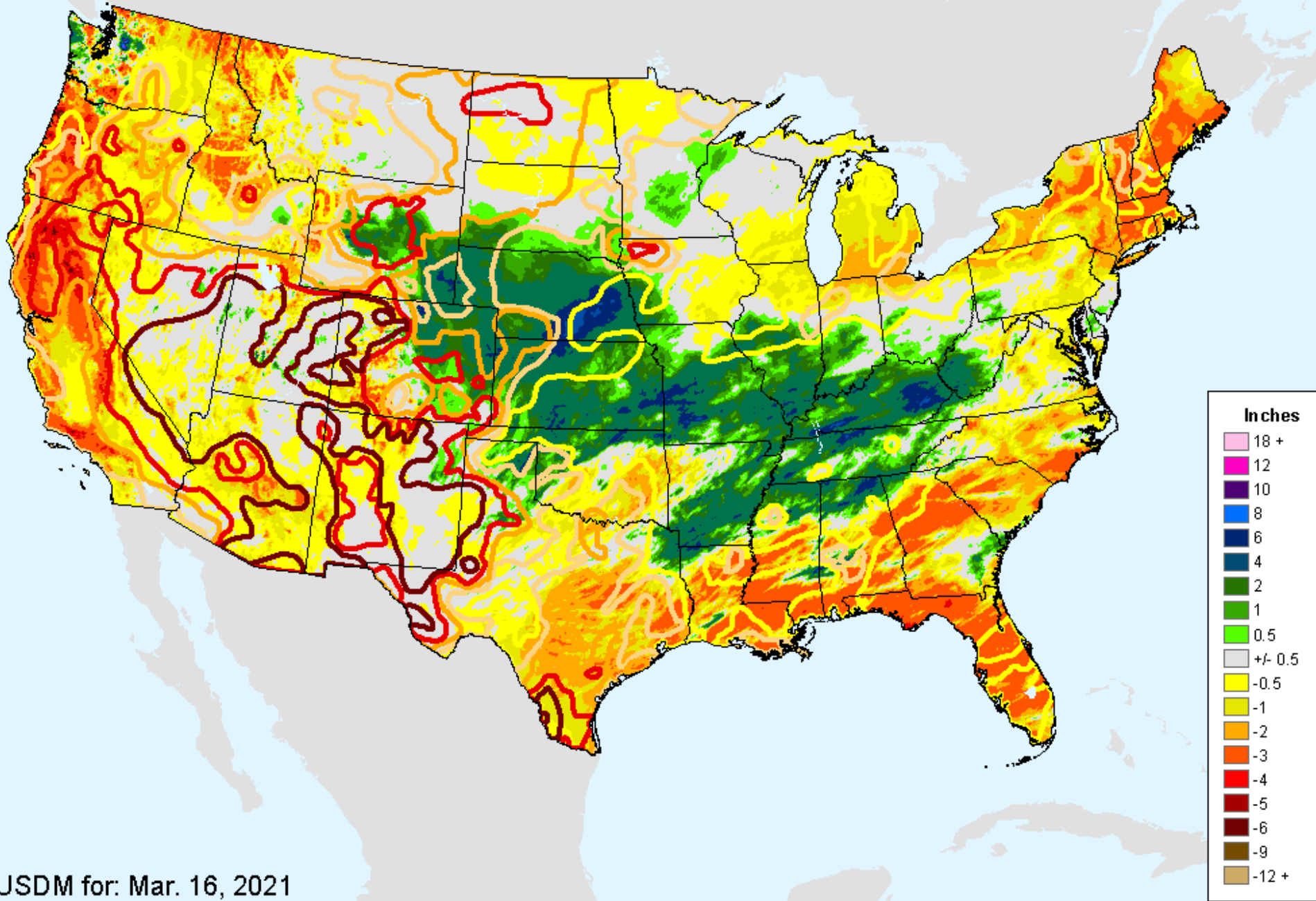
# AHPS 14-Day Precip Departure

As of: Tuesday, March 23, 2021



# AHPS 30-Day Precip Departure

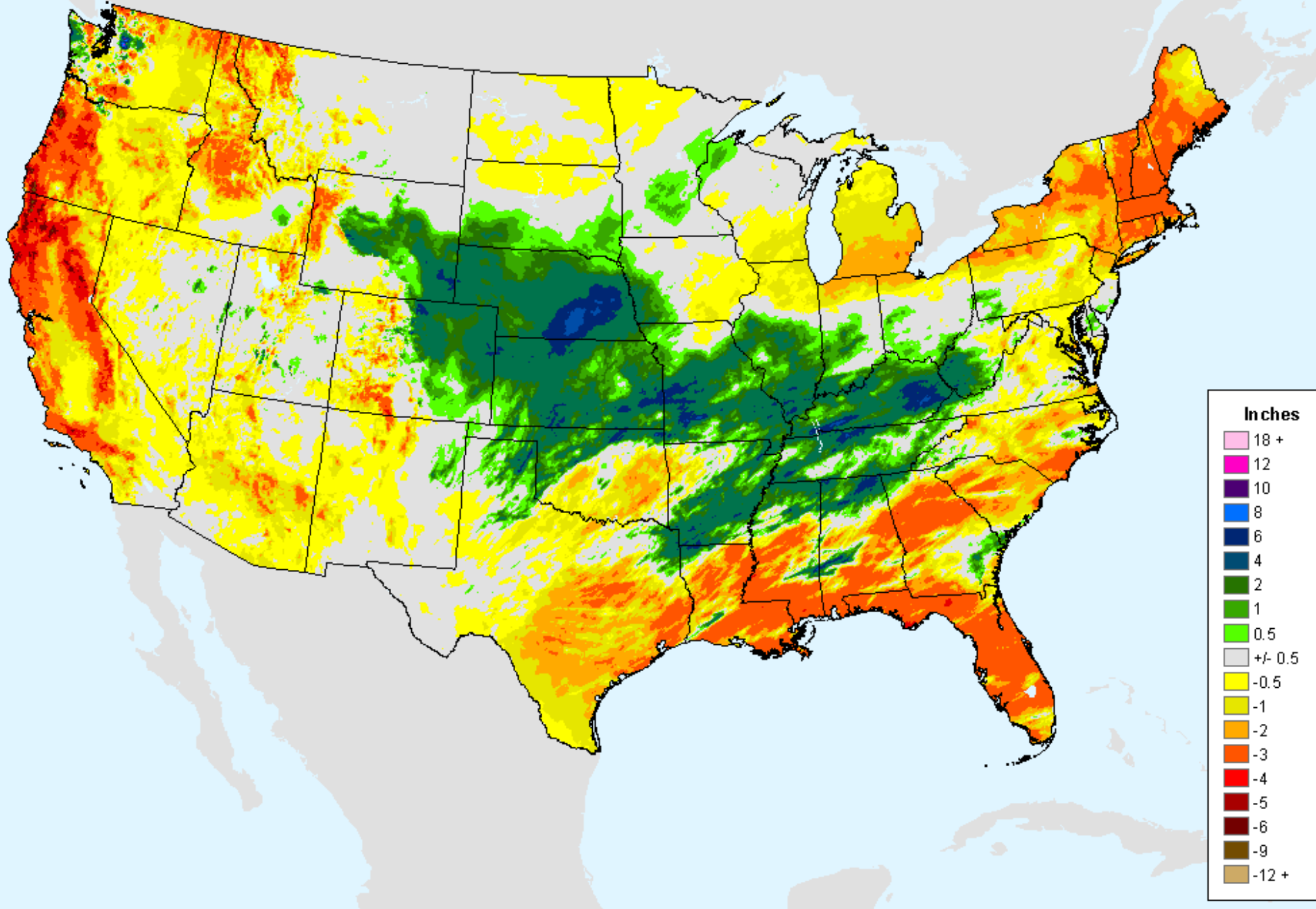
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

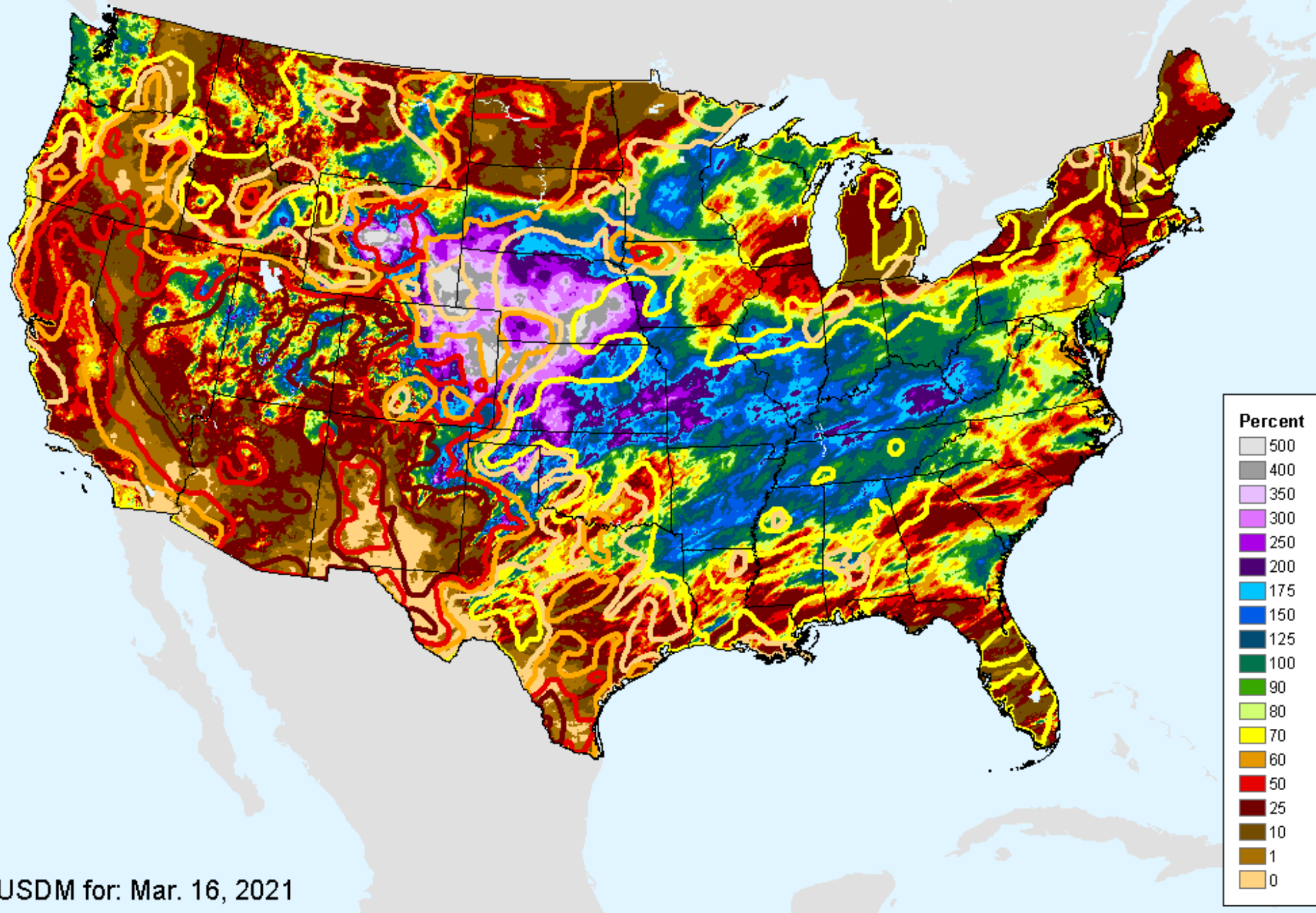
# AHPS 30-Day Precip Departure

As of: Tuesday, March 23, 2021



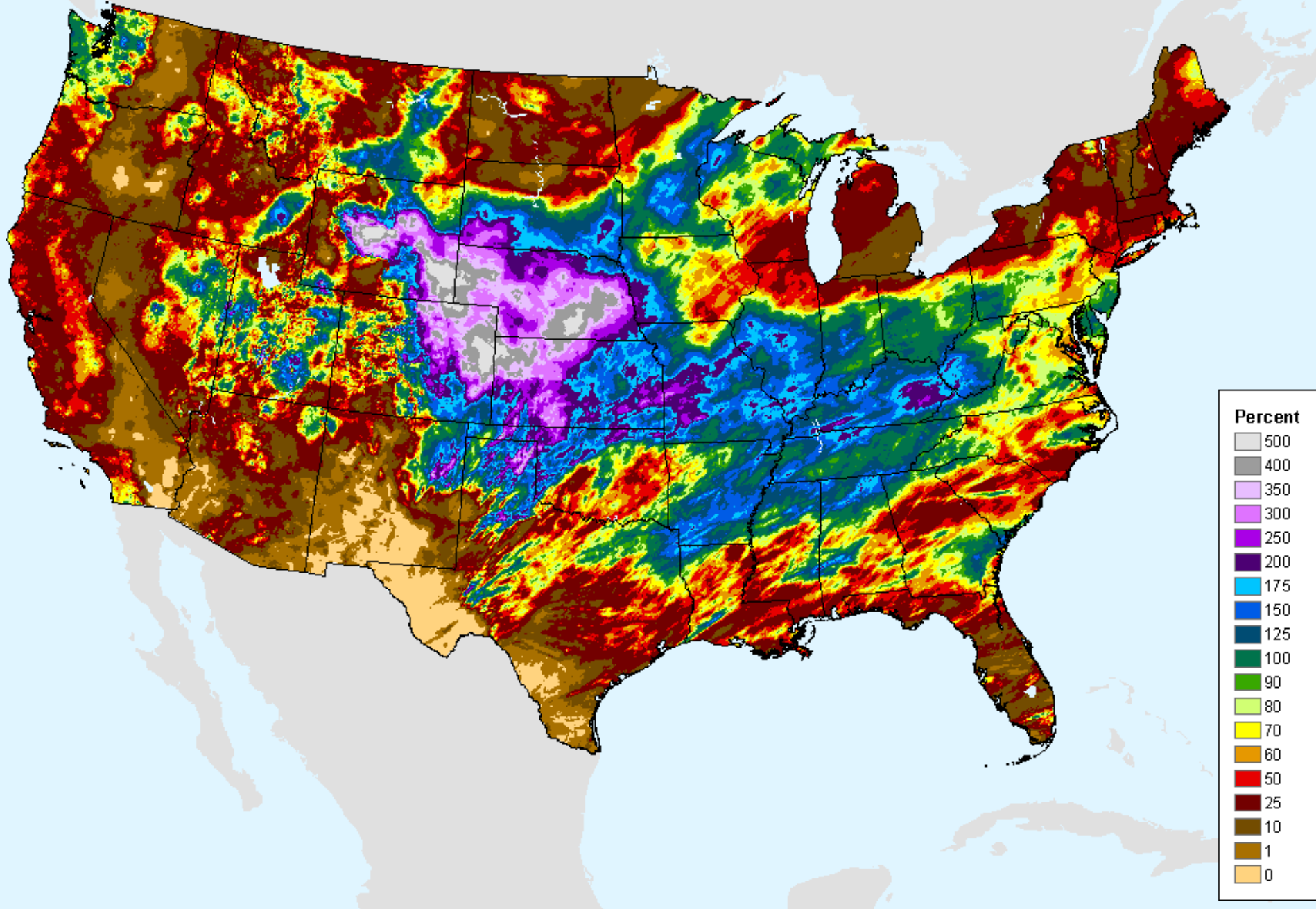
# AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, March 23, 2021



# AHPS 30-Day Pct of Normal Pcp

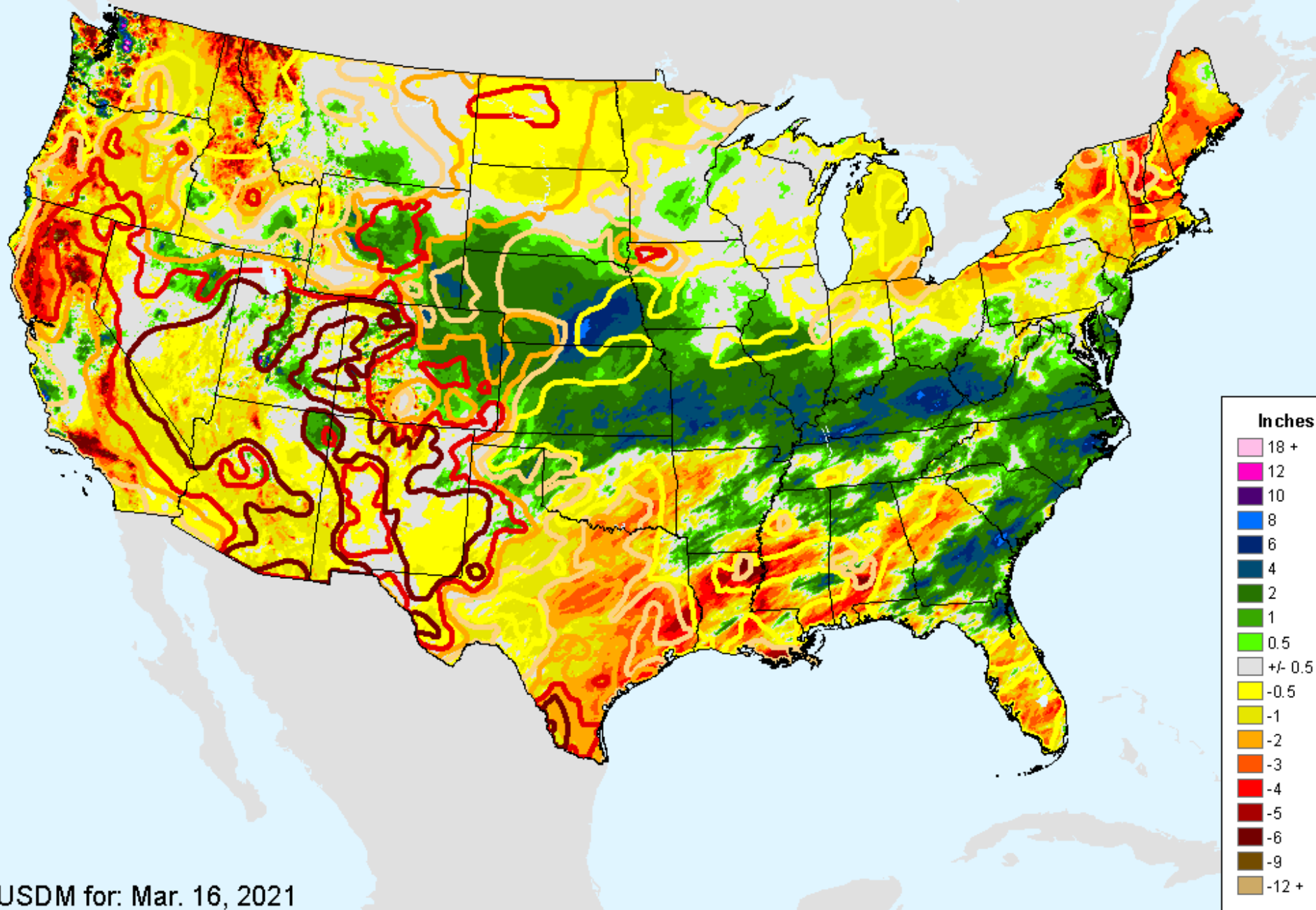
As of: Tuesday, March 23, 2021





# AHPS 60-Day Precip Departure

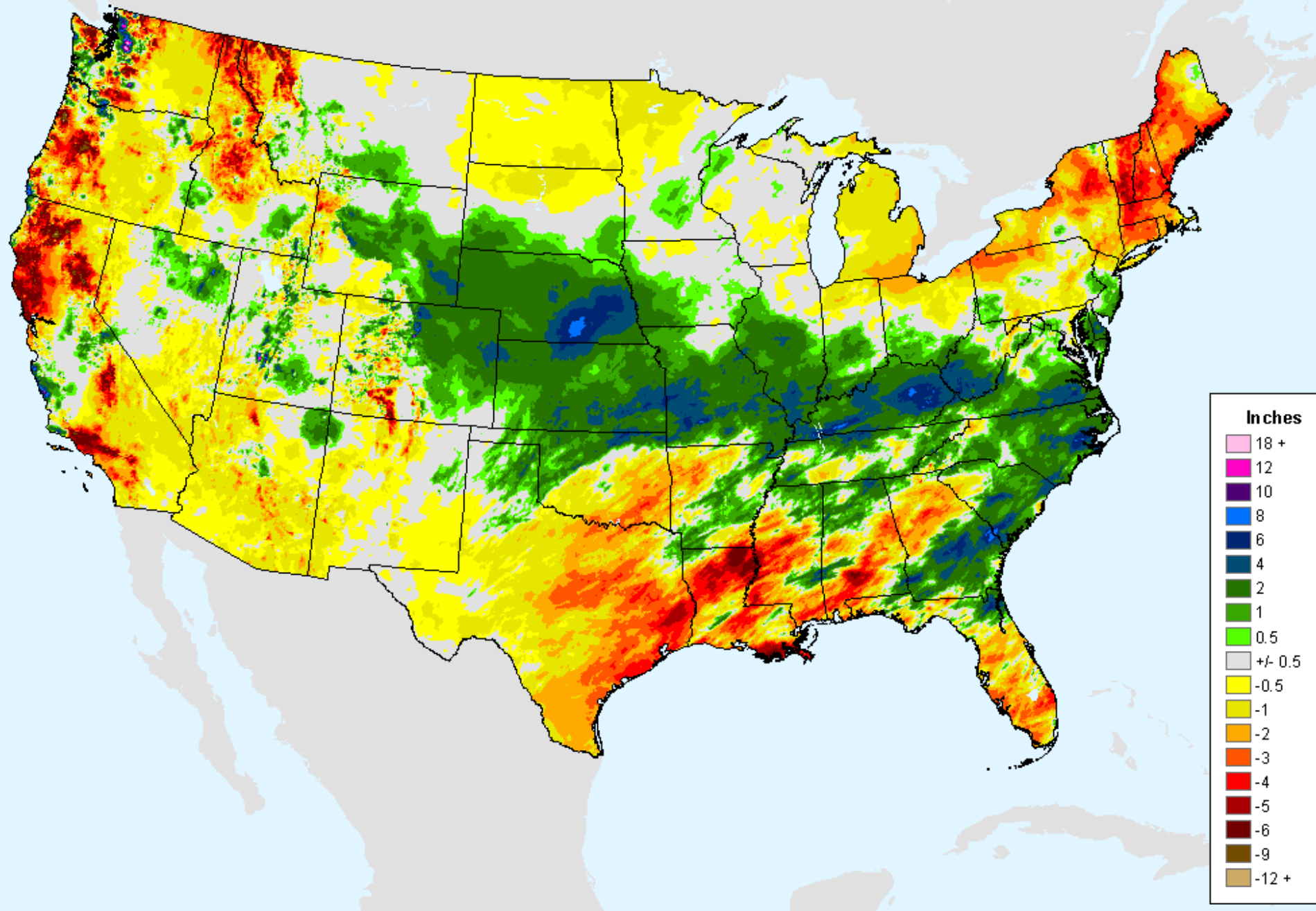
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

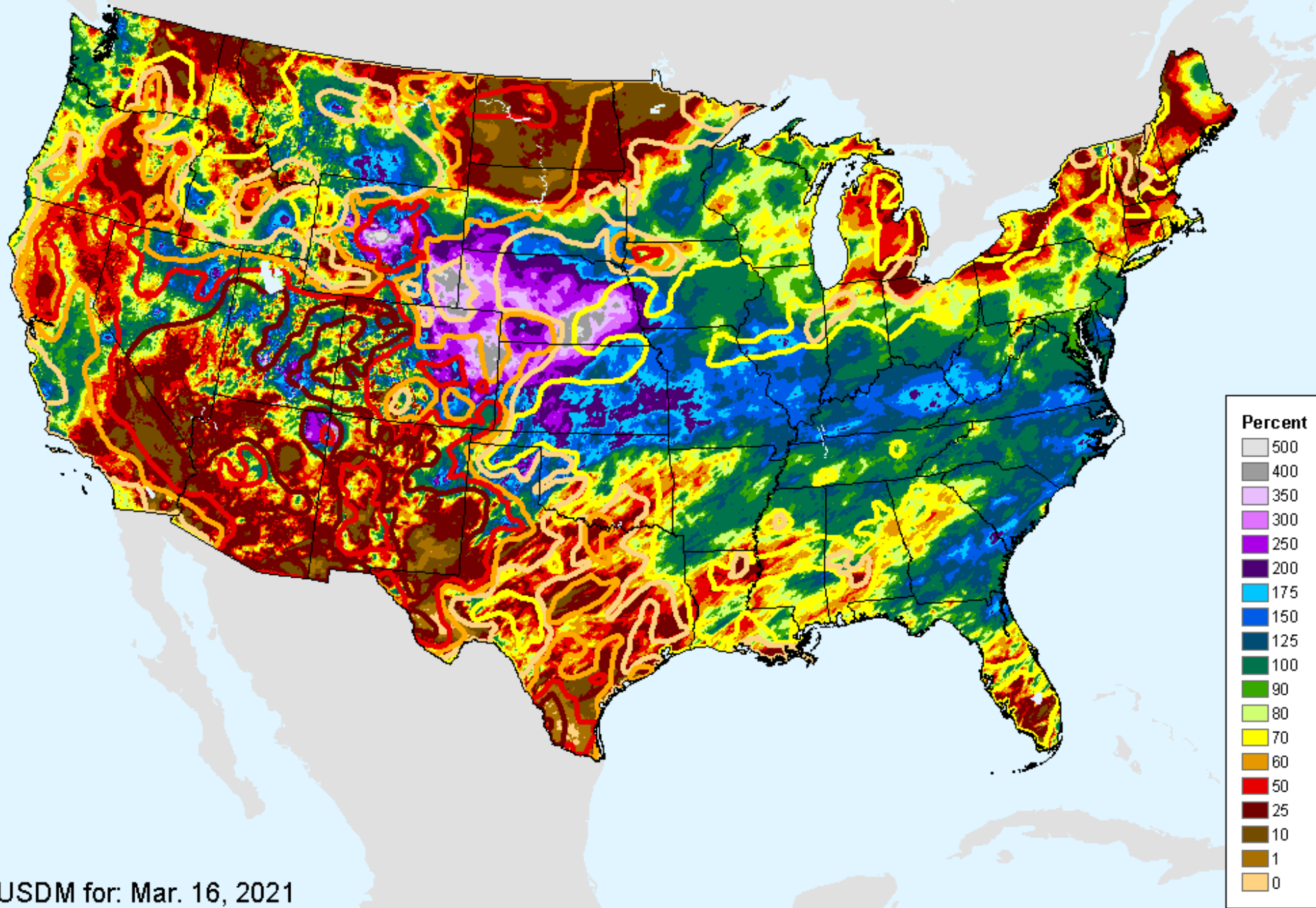
# AHPS 60-Day Precip Departure

As of: Tuesday, March 23, 2021



# AHPS 60-Day Pct of Normal Pcp

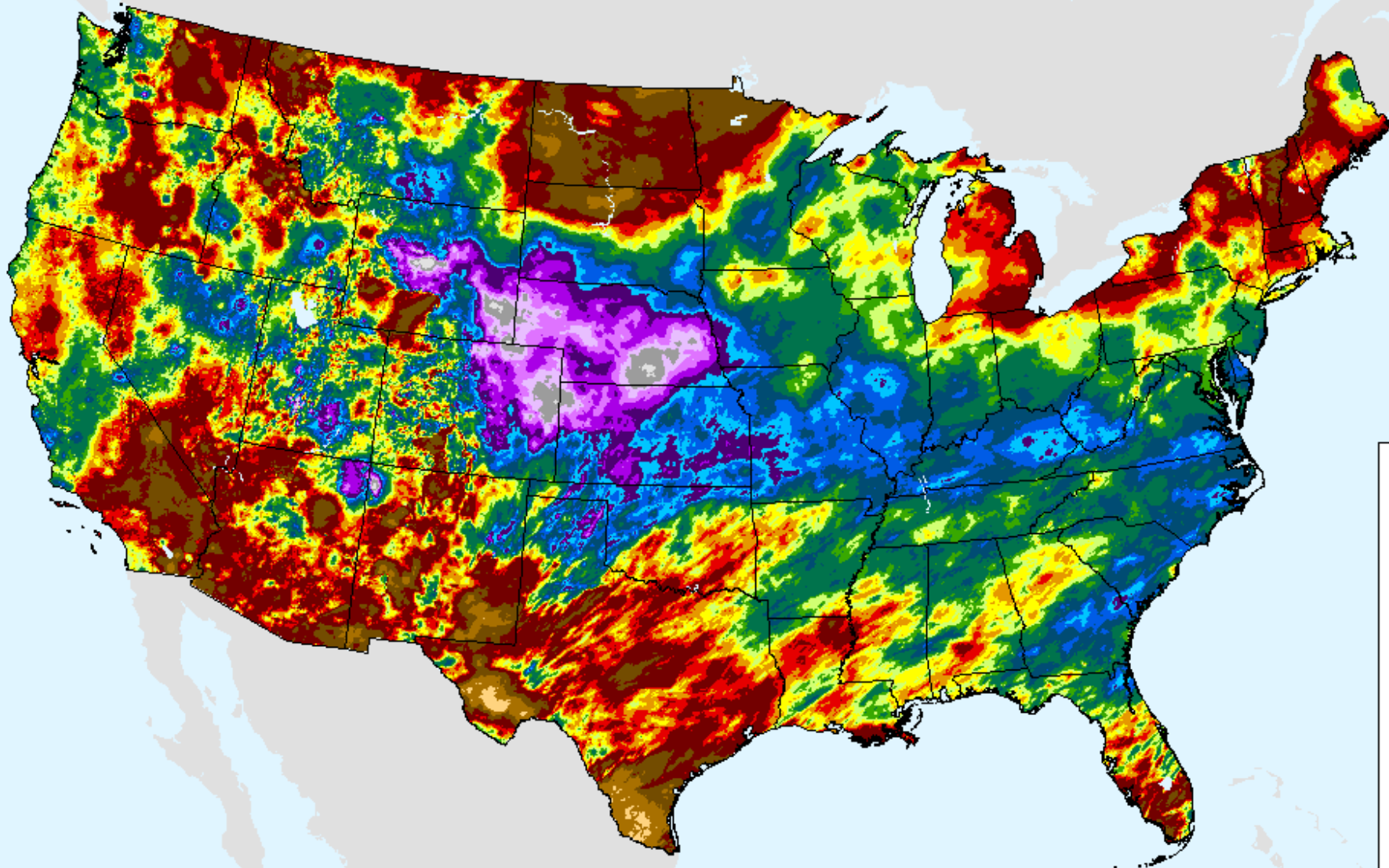
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, March 23, 2021

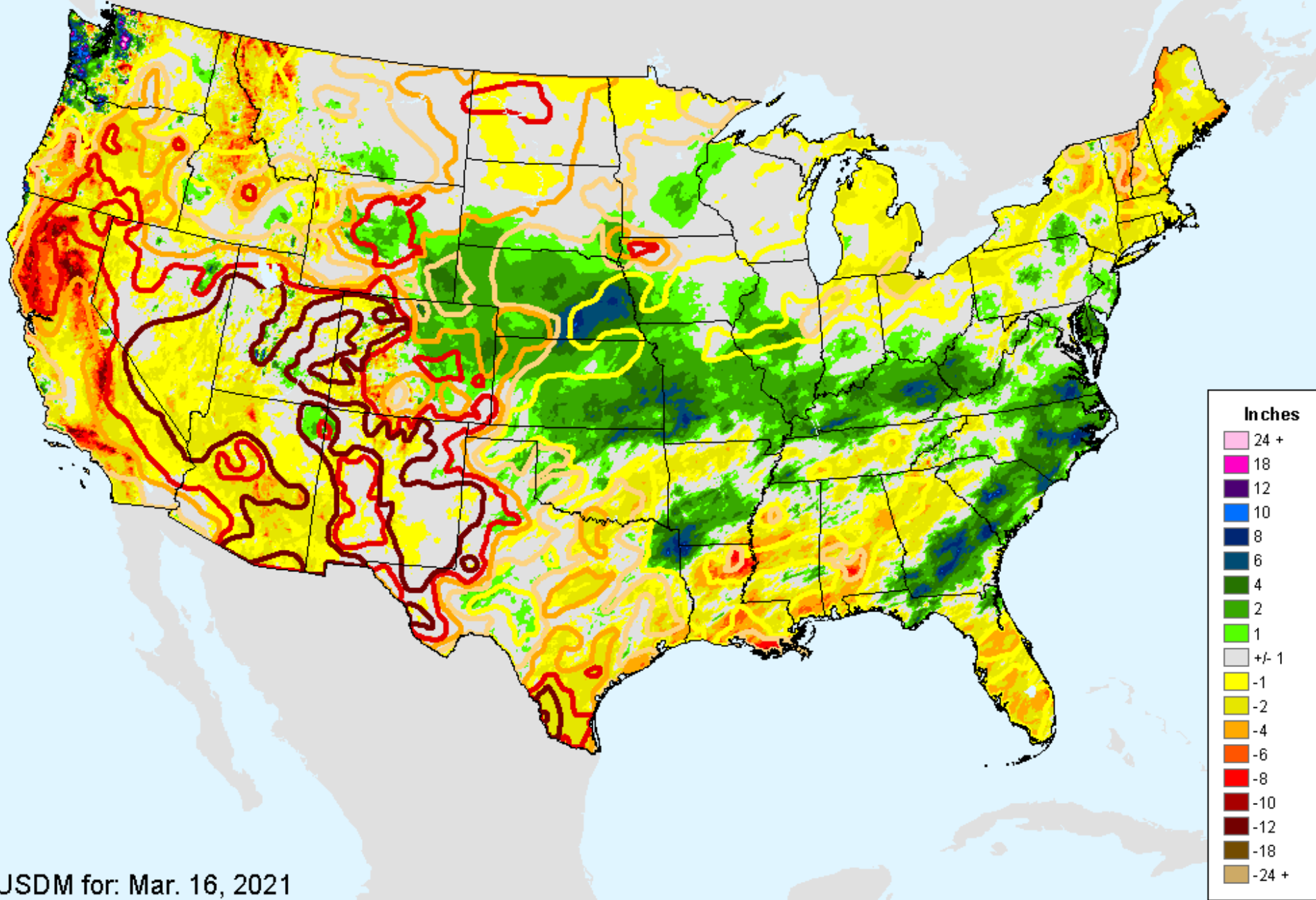


## Percent

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

# AHPS 90-Day Precip Departure

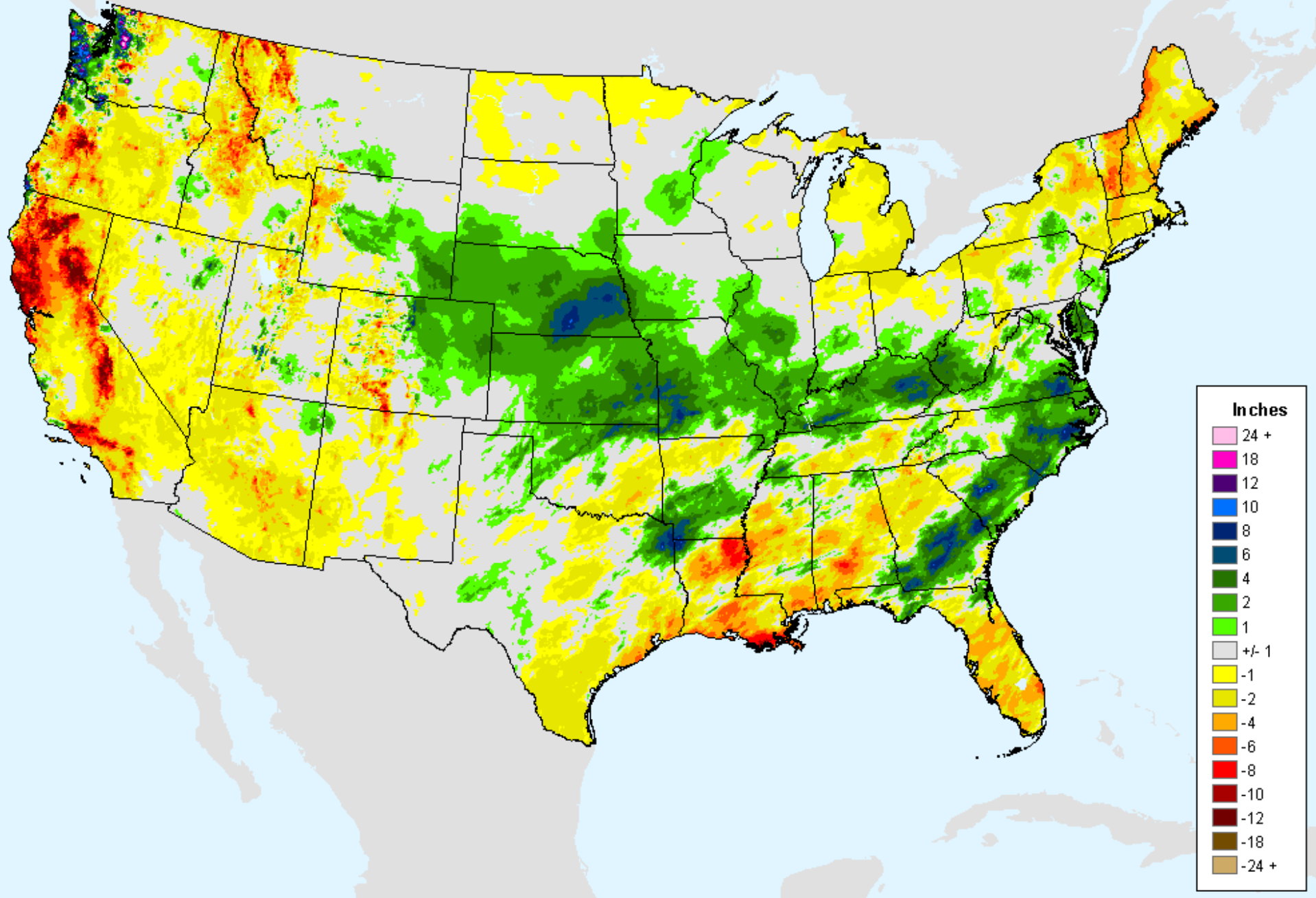
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

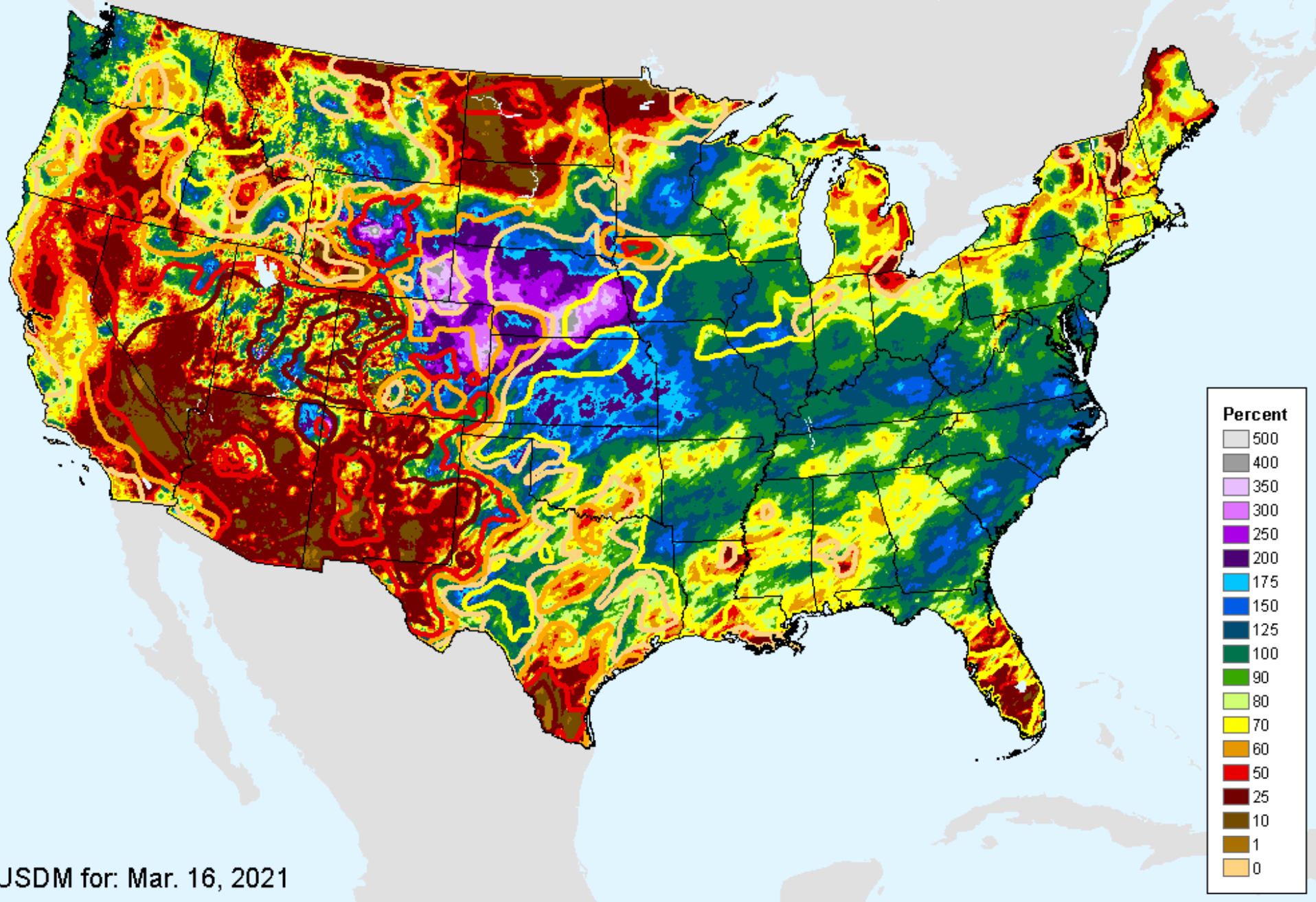
# AHPS 90-Day Precip Departure

As of: Tuesday, March 23, 2021



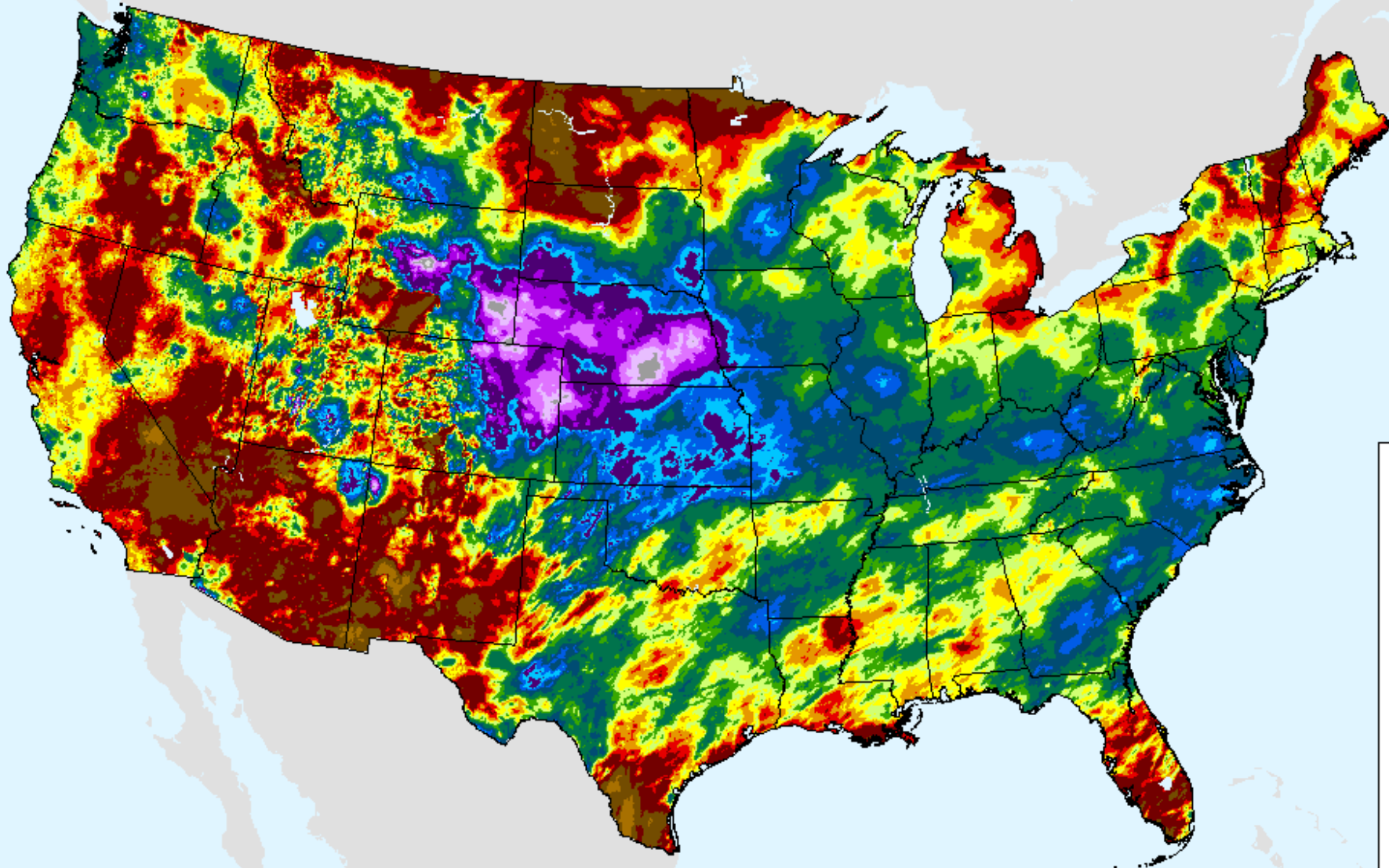
# AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, March 23, 2021

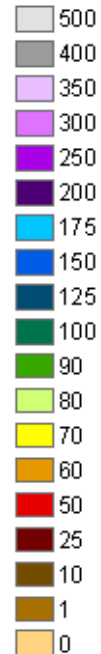


# AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, March 23, 2021



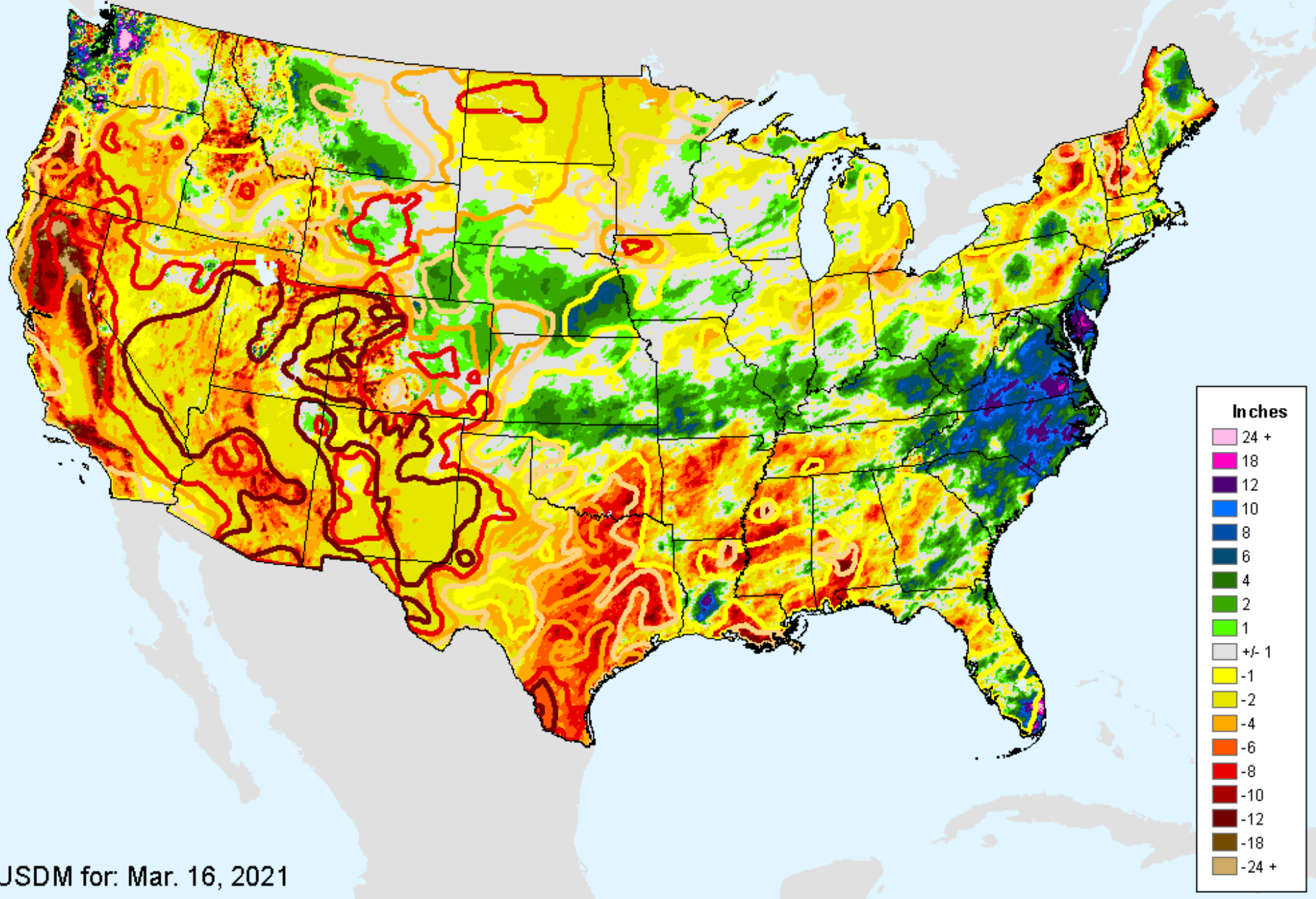
## Percent





# AHPS 180-Day Precip Departure

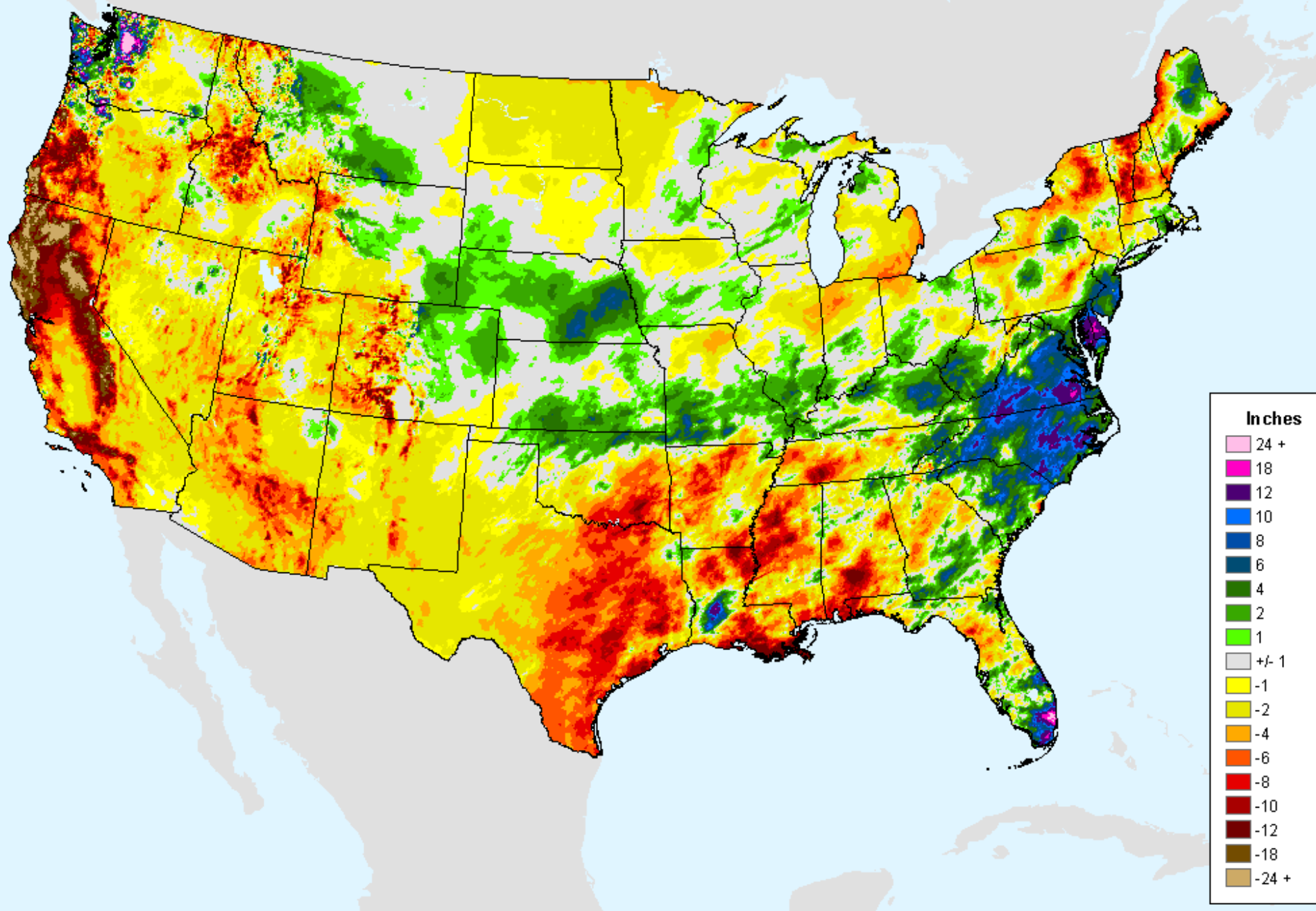
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

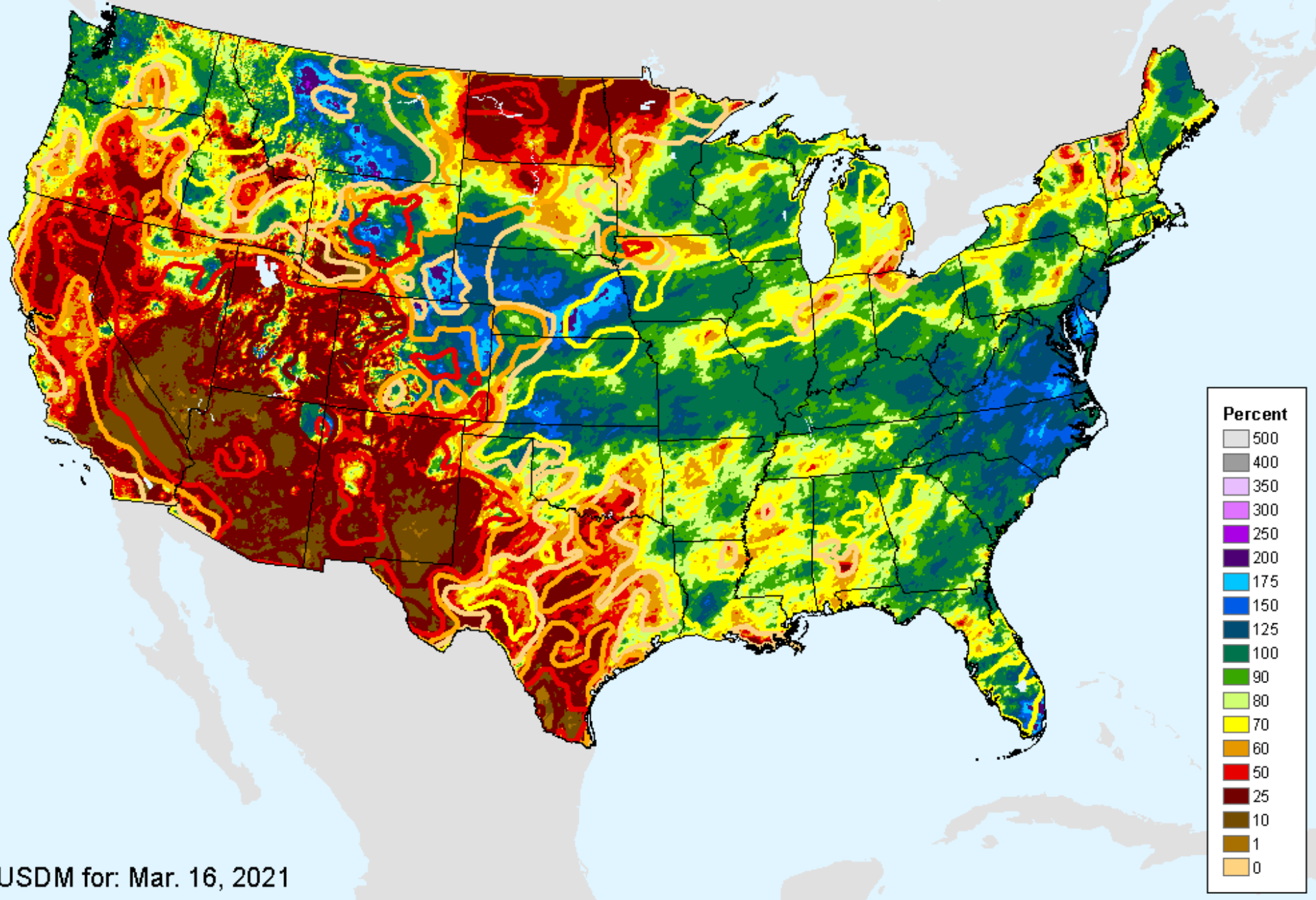
# AHPS 180-Day Precip Departure

As of: Tuesday, March 23, 2021



# AHPS 180-Day Pct of Normal Pcp

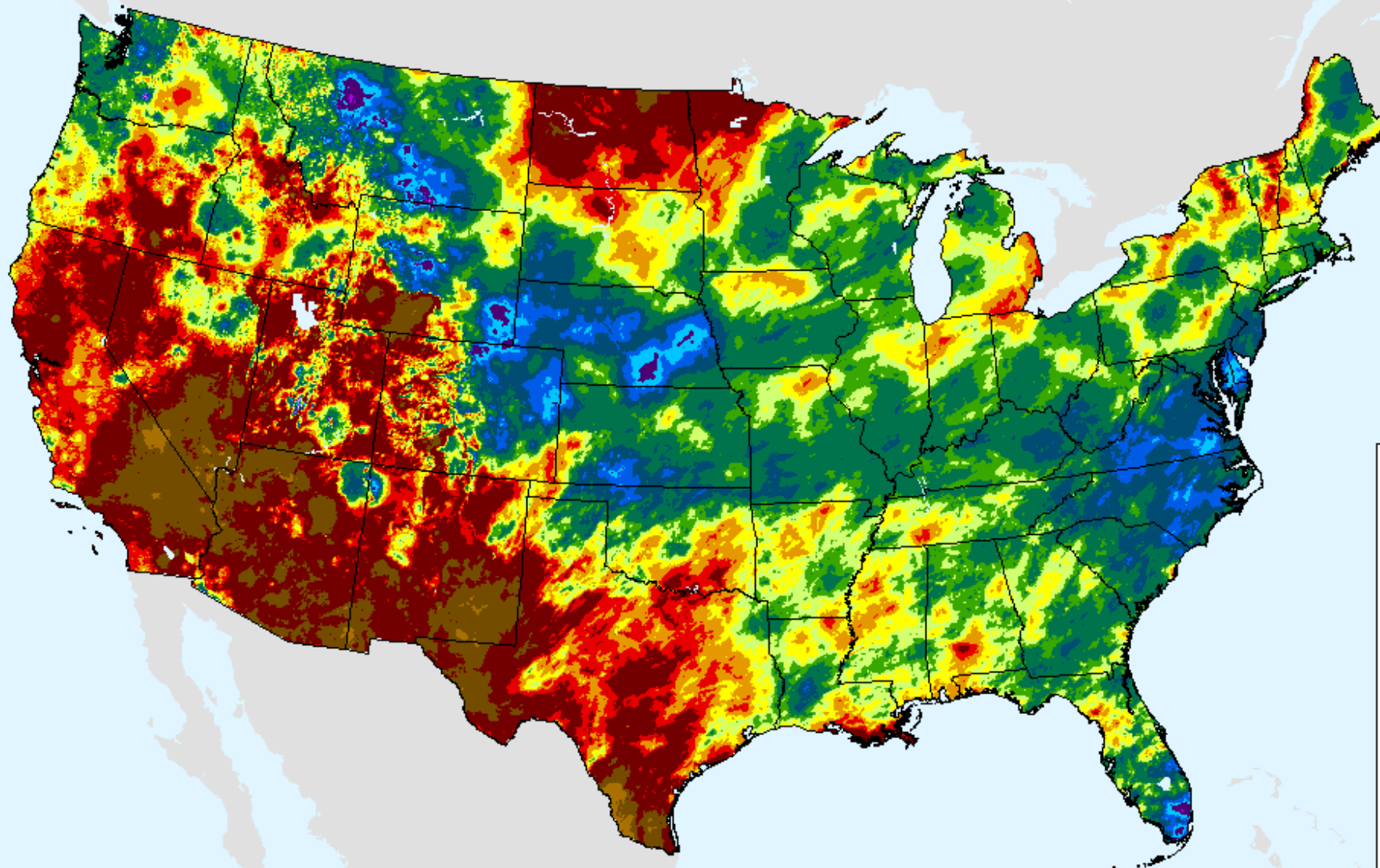
As of: Tuesday, March 23, 2021



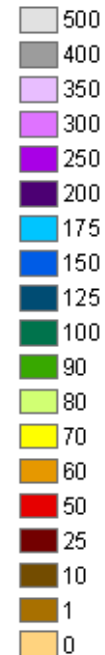
USDM for: Mar. 16, 2021

# AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, March 23, 2021

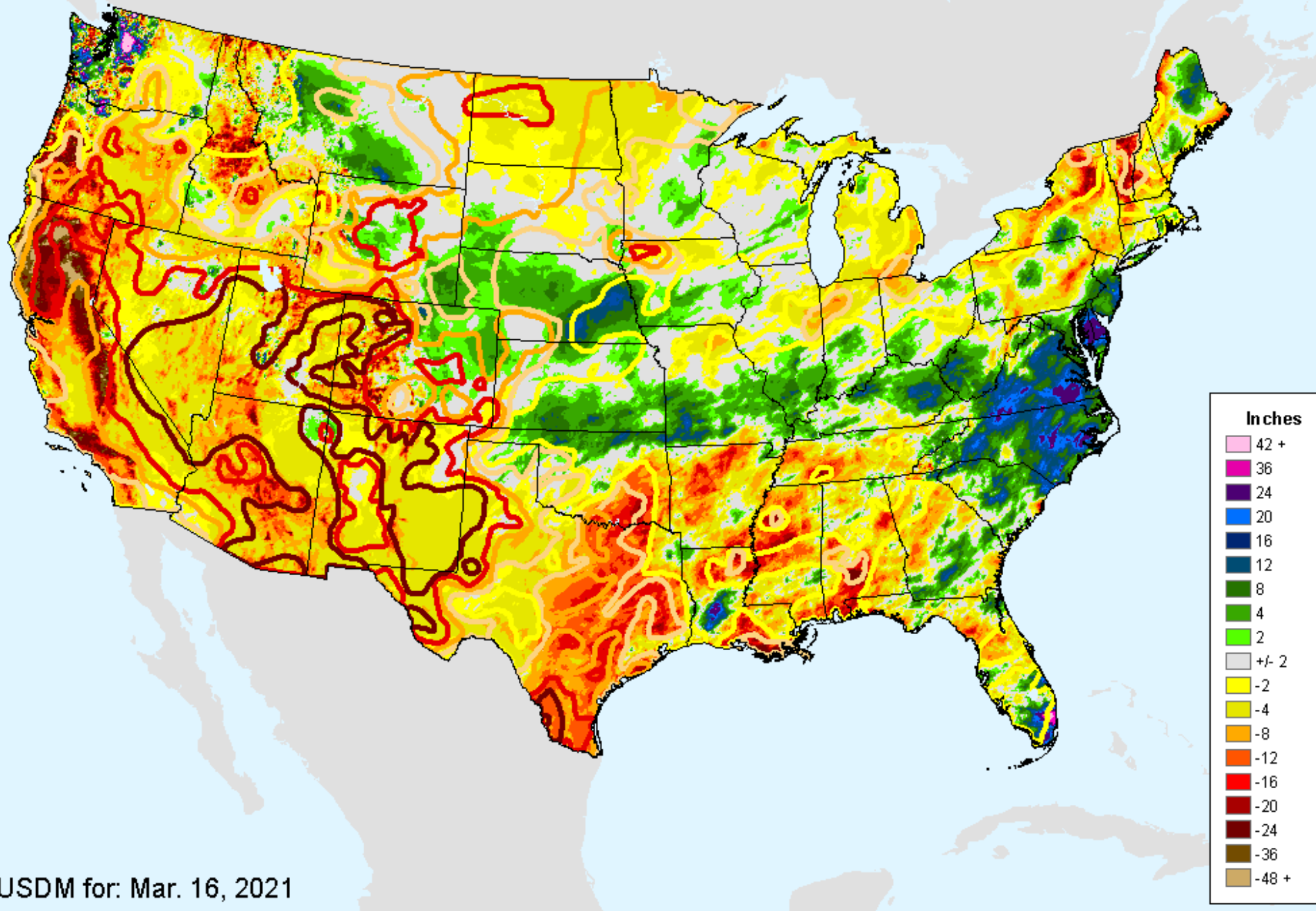


## Percent



# AHPS Water-Year Precip Departure

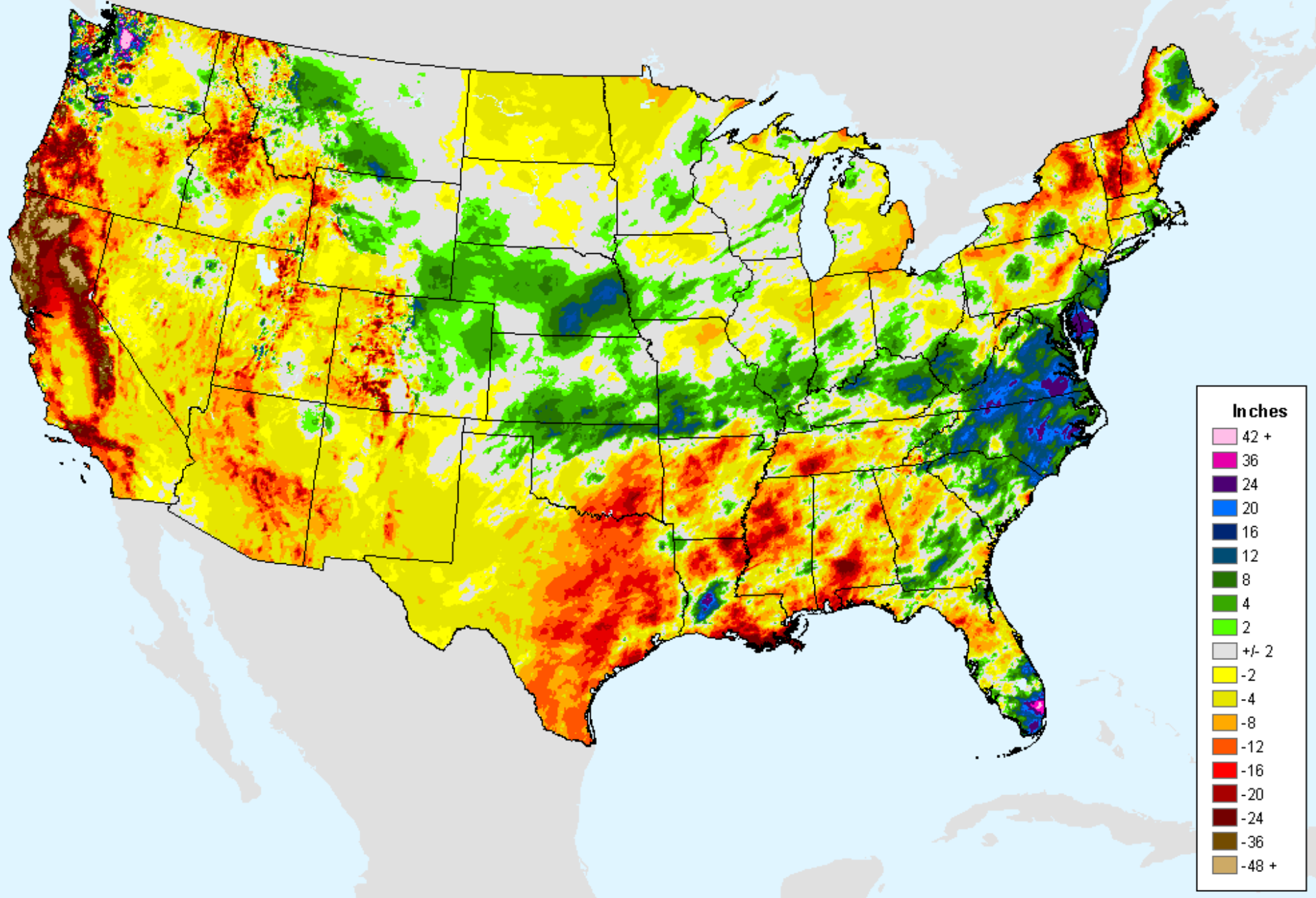
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

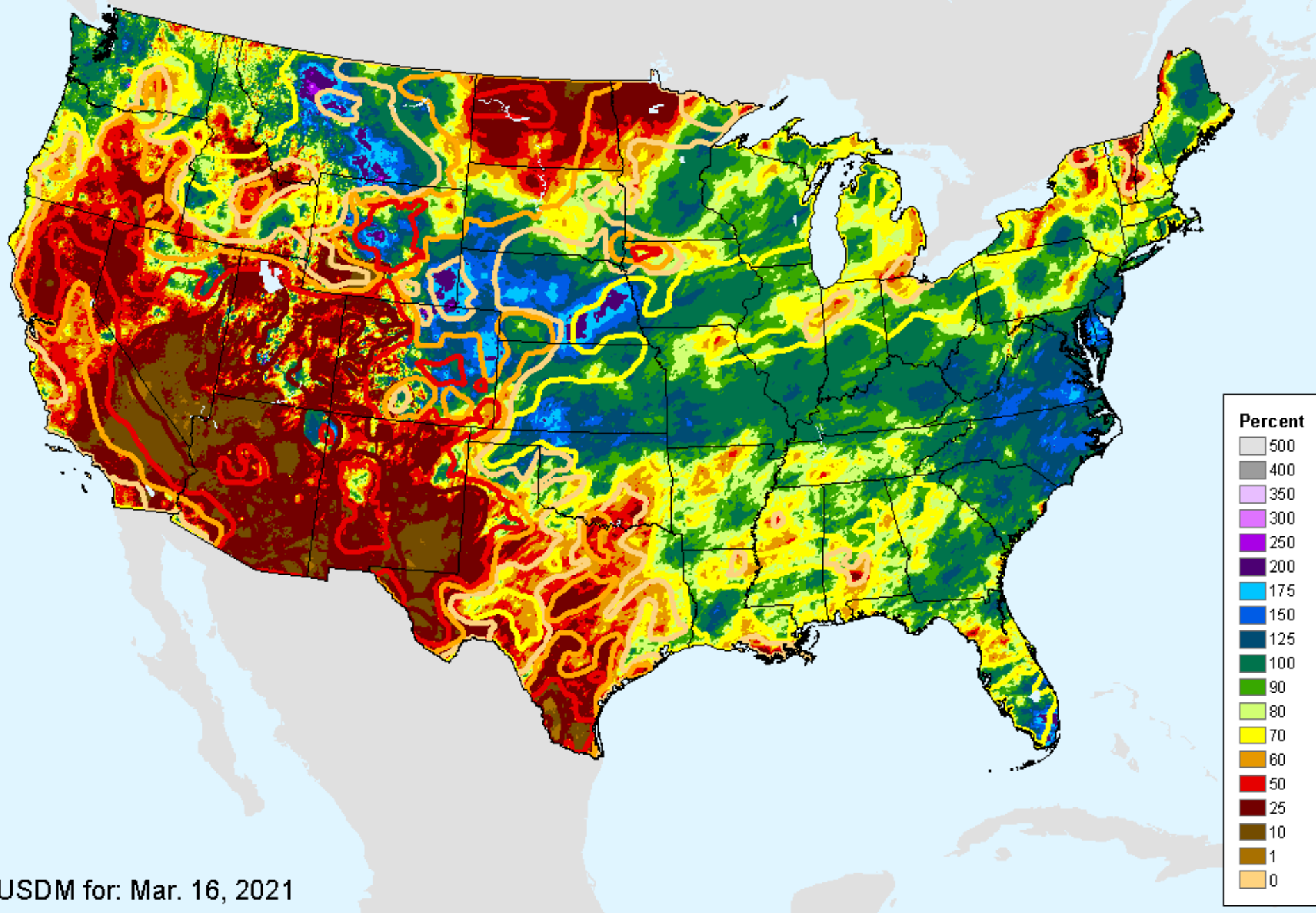
# AHPS Water-Year Precip Departure

As of: Tuesday, March 23, 2021



# AHPS Water-Year Pct of Normal Pcp

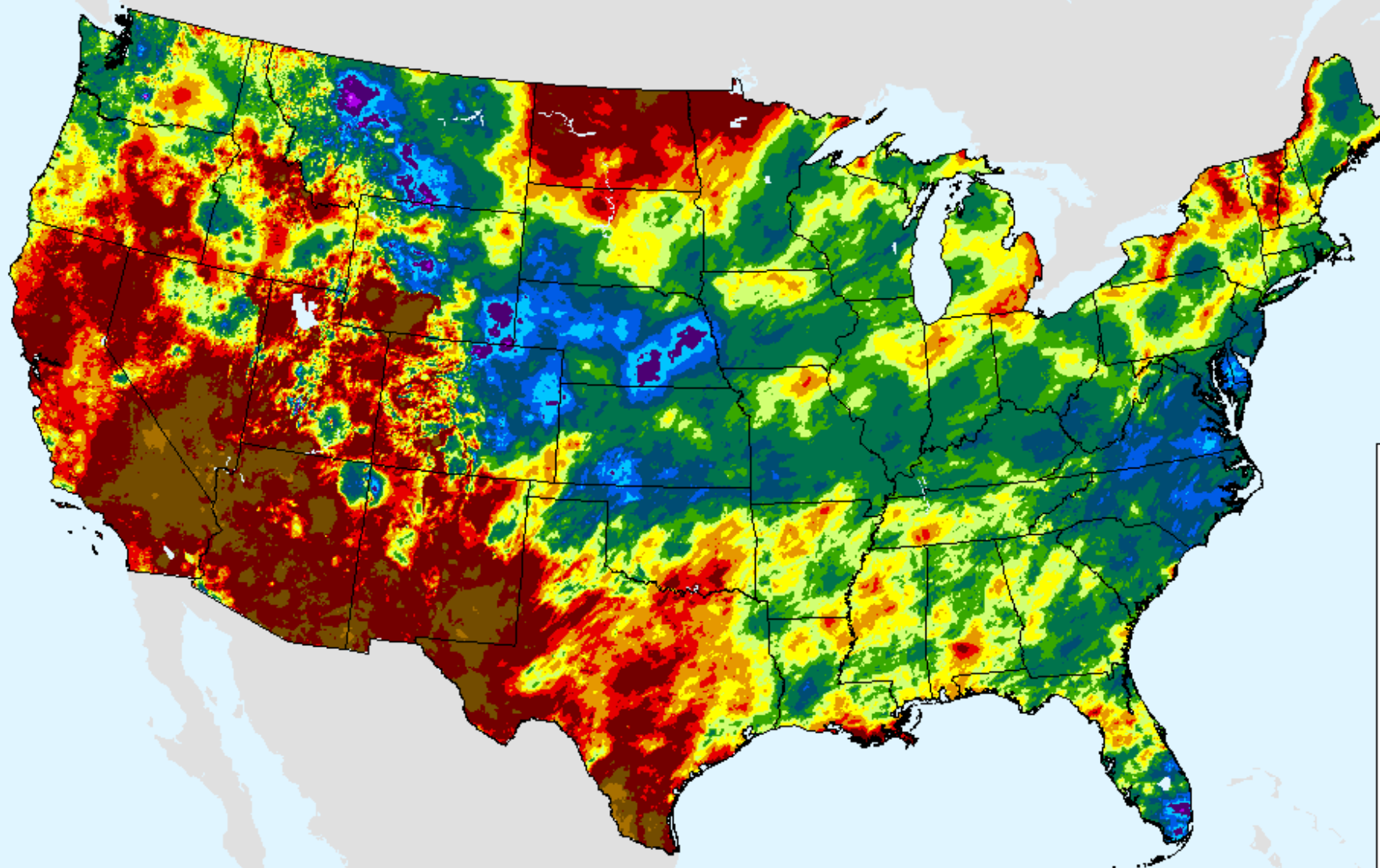
As of: Tuesday, March 23, 2021



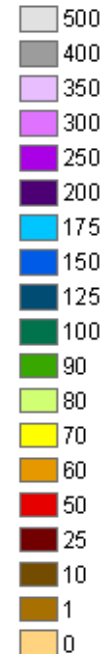
USDM for: Mar. 16, 2021

# AHPS Water-Year Pct of Normal Pcp

As of: Tuesday, March 23, 2021



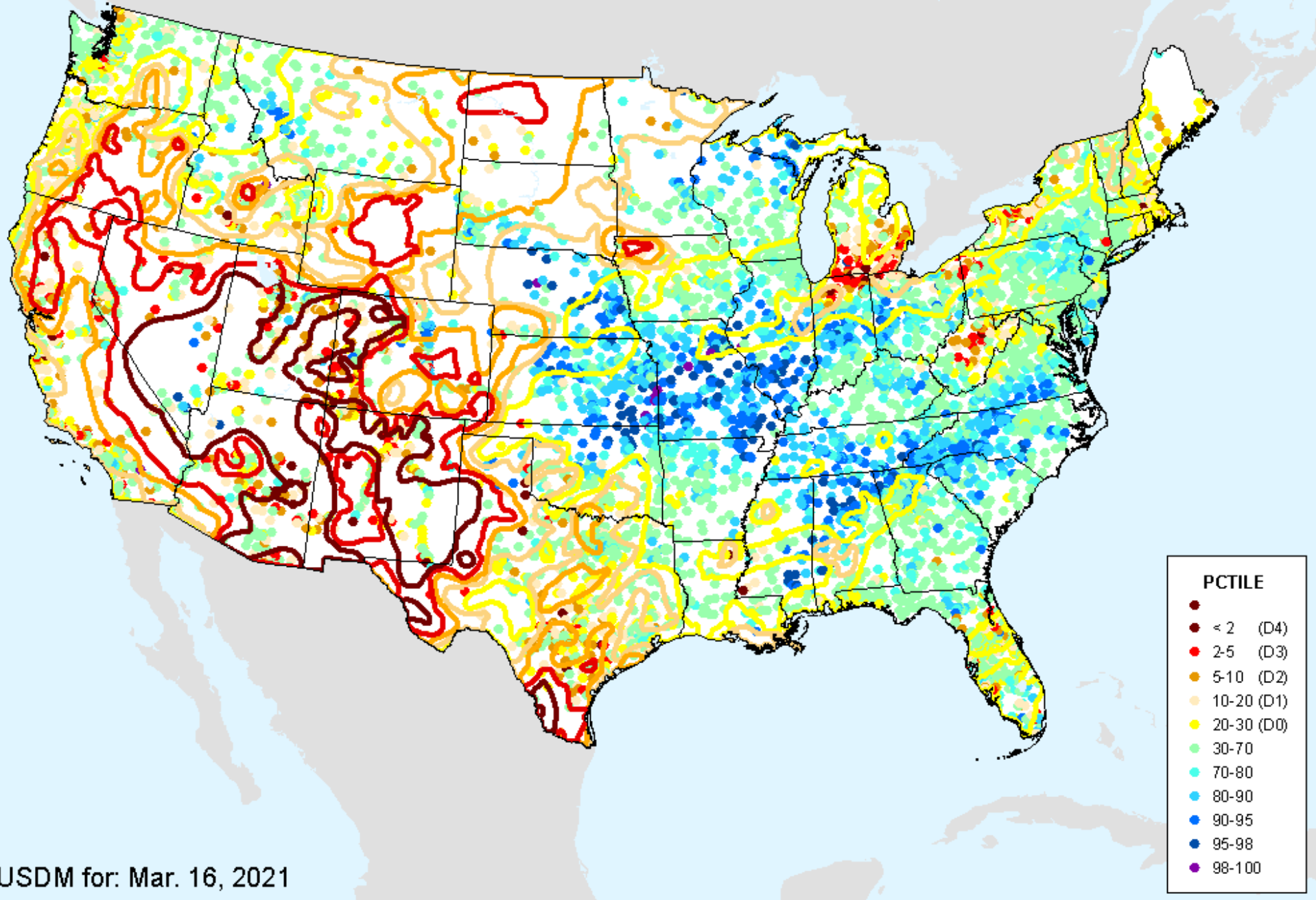
## Percent





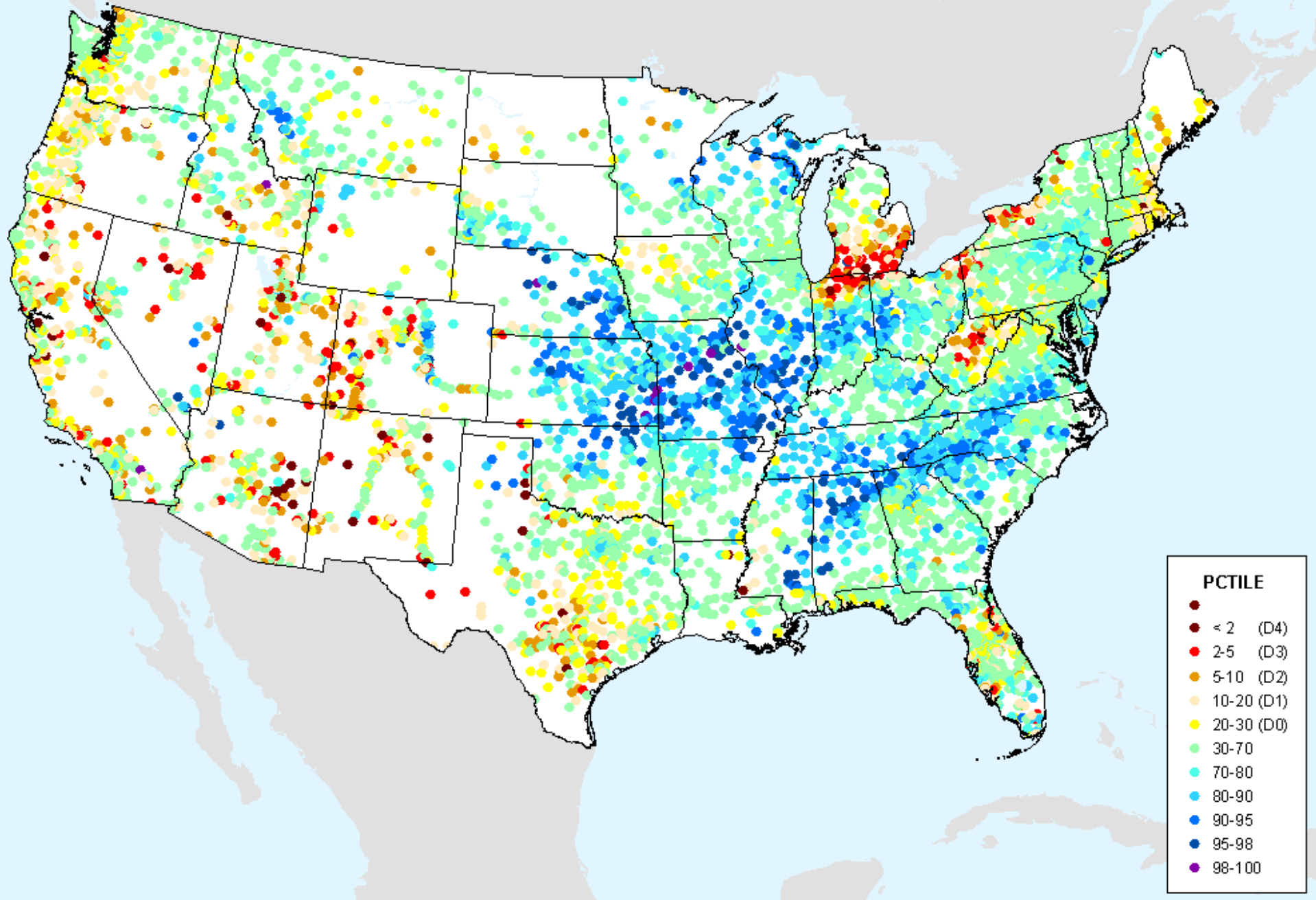
# USGS 7-Day Avg Streamflow

As of: Tuesday, March 23, 2021



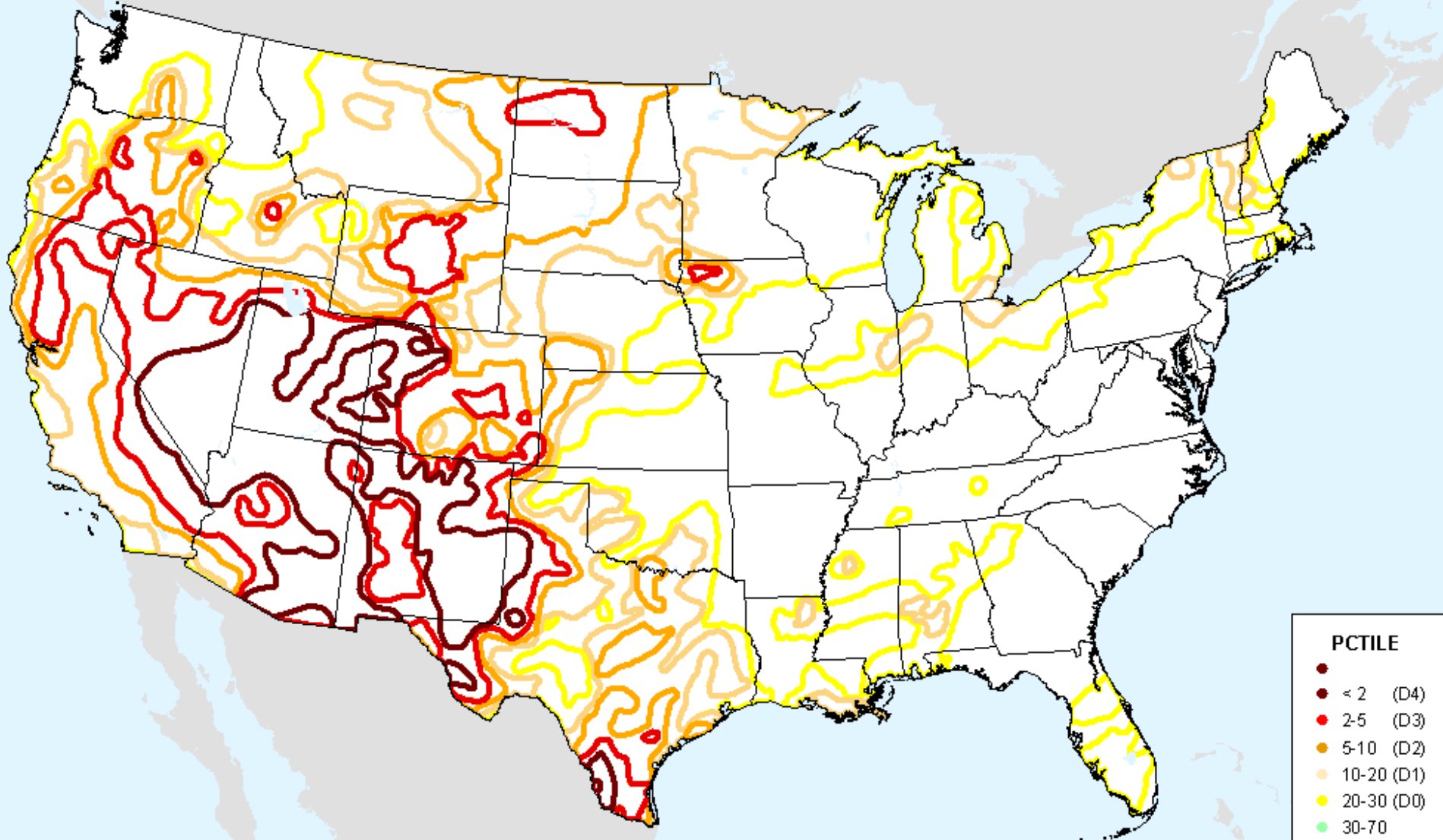
# USGS 7-Day Avg Streamflow

As of: Tuesday, March 23, 2021



# USGS 28-Day Avg Streamflow

As of: Tuesday, March 23, 2021



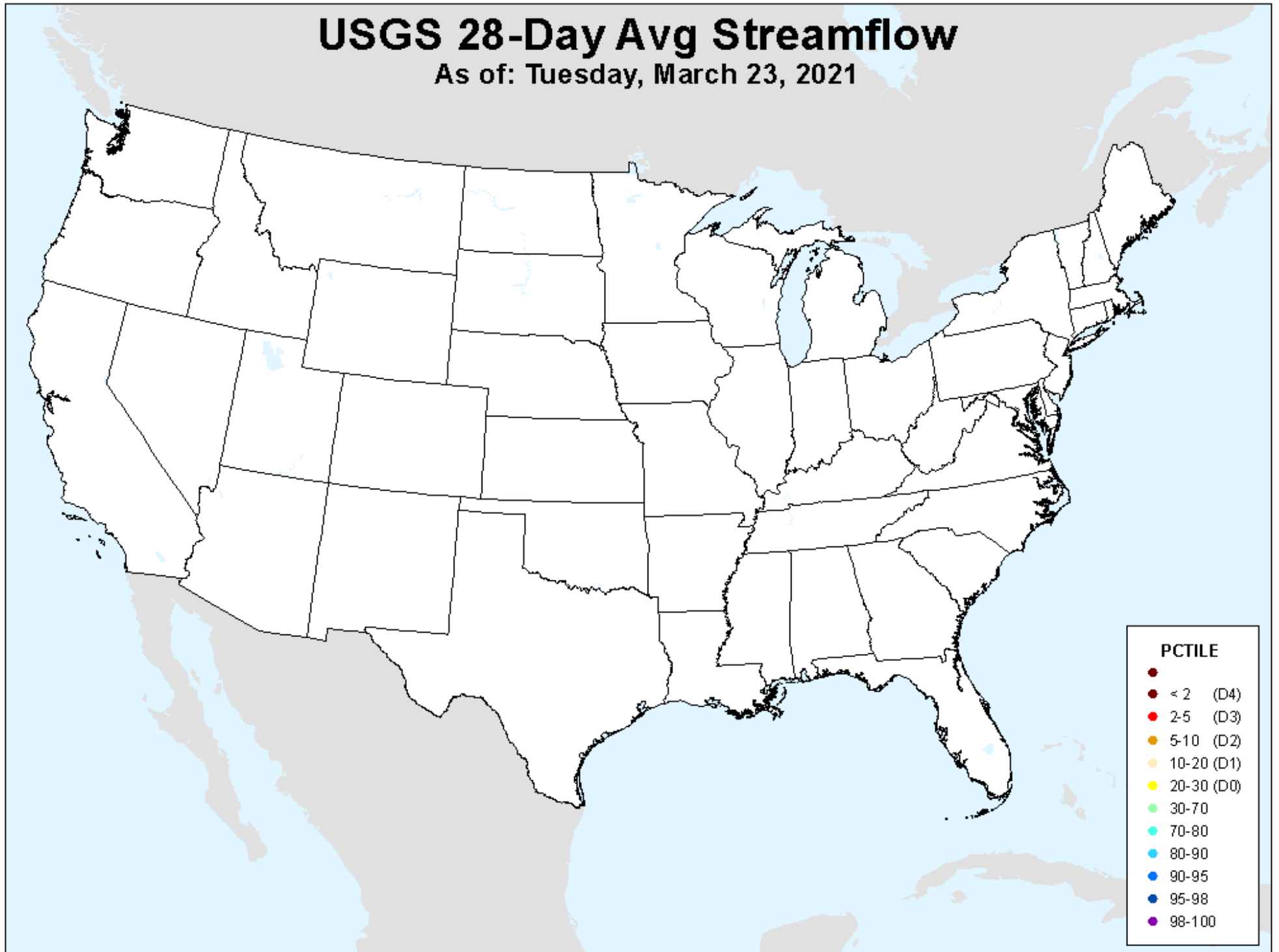
## PCTILE

- < 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: Mar. 16, 2021

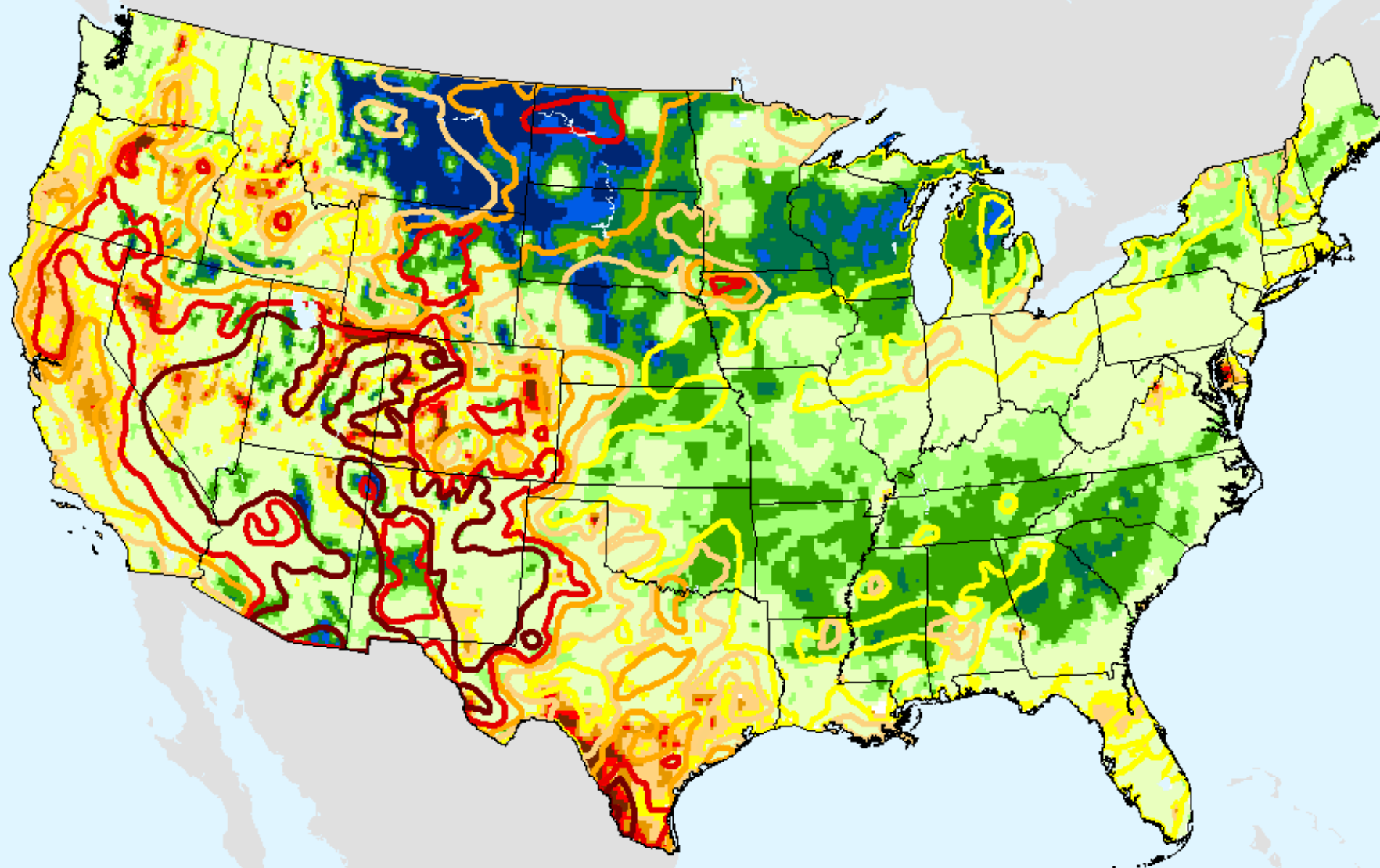
# USGS 28-Day Avg Streamflow

As of: Tuesday, March 23, 2021



# NLDAS Top 1m Soil Moisture

As of: Tuesday, March 23, 2021

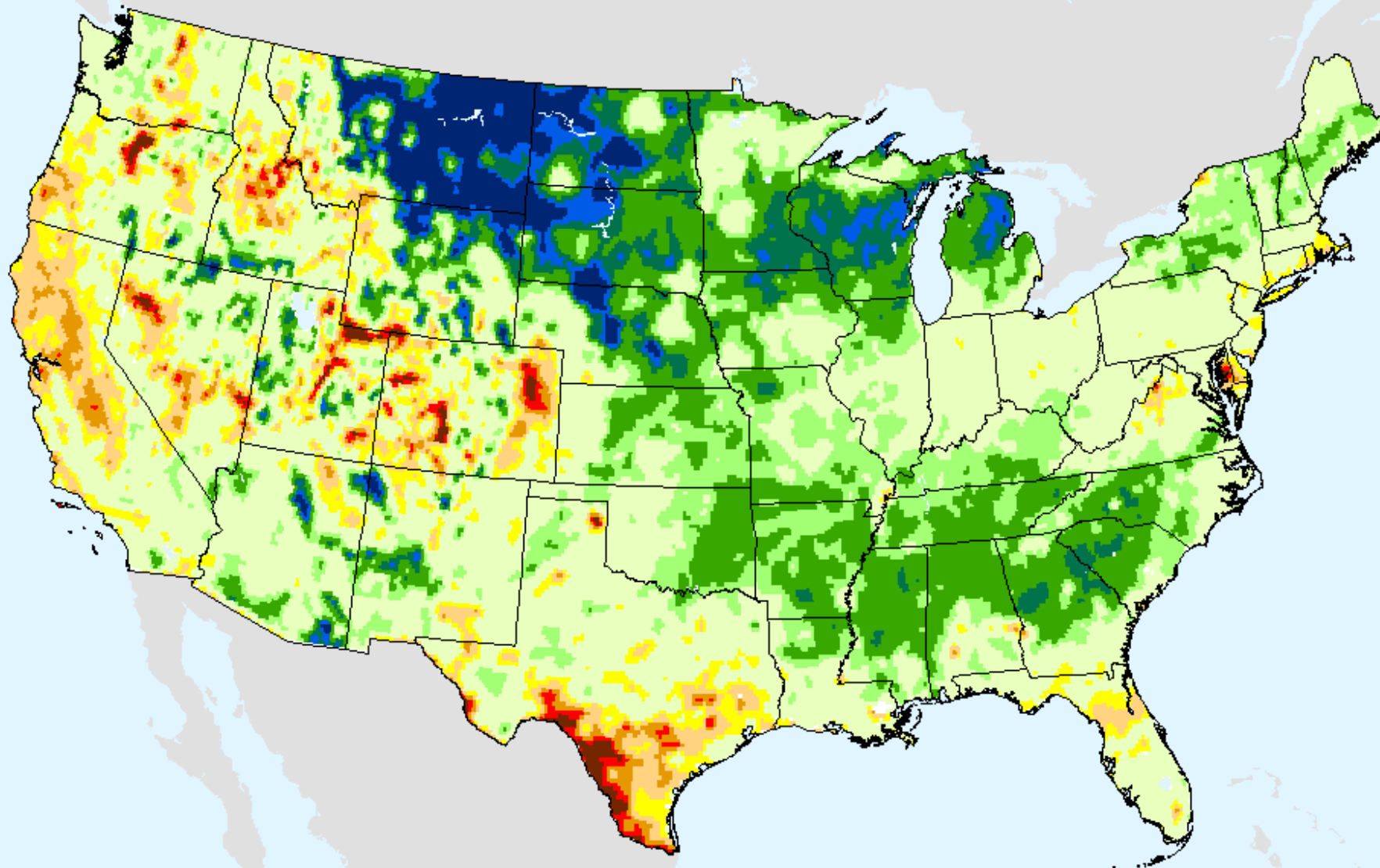


USDM for: Mar. 16, 2021

>98

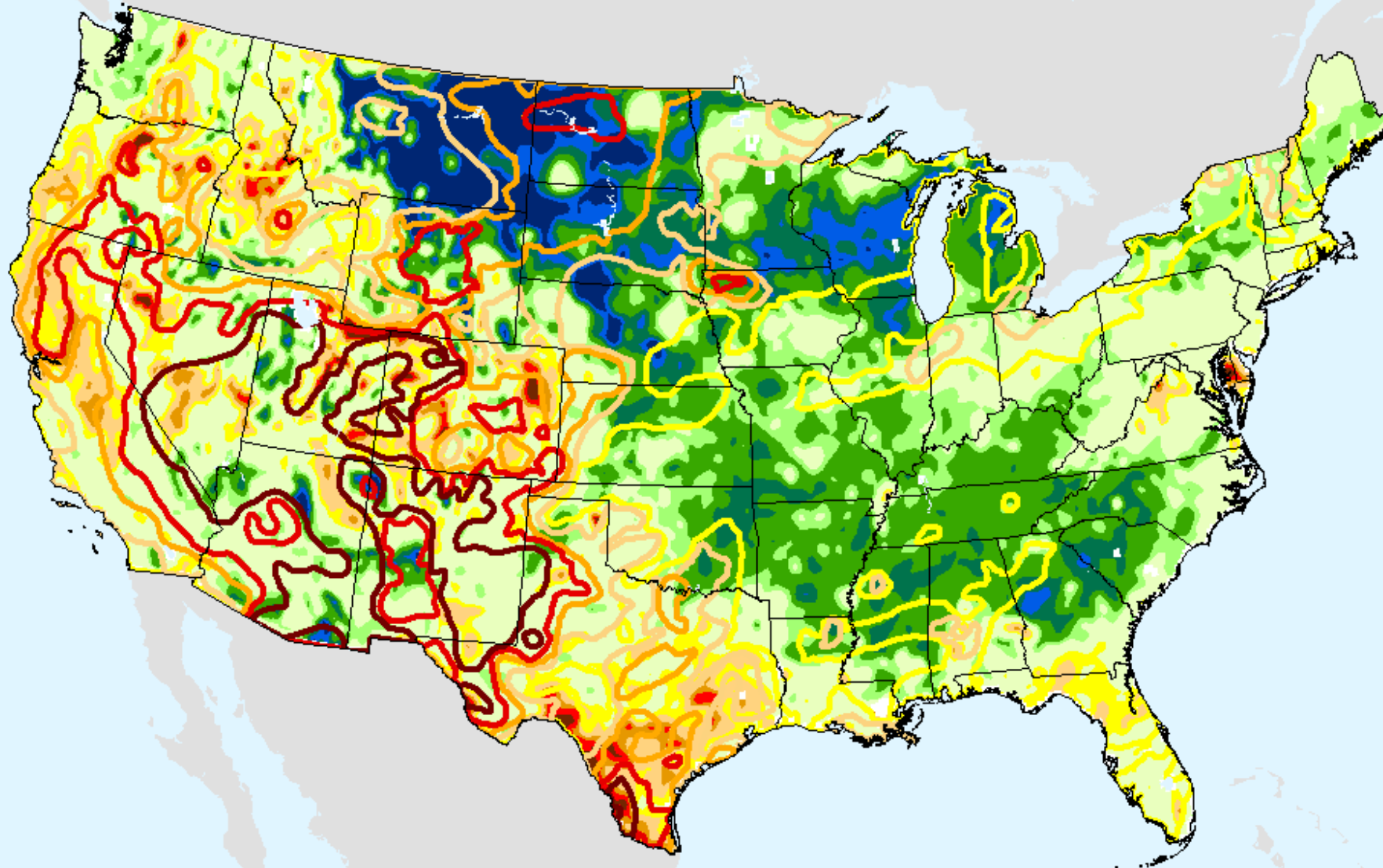
# NLDAS Top 1m Soil Moisture

As of: Tuesday, March 23, 2021



# NLDAS Total Column Soil Moisture

As of: Tuesday, March 23, 2021

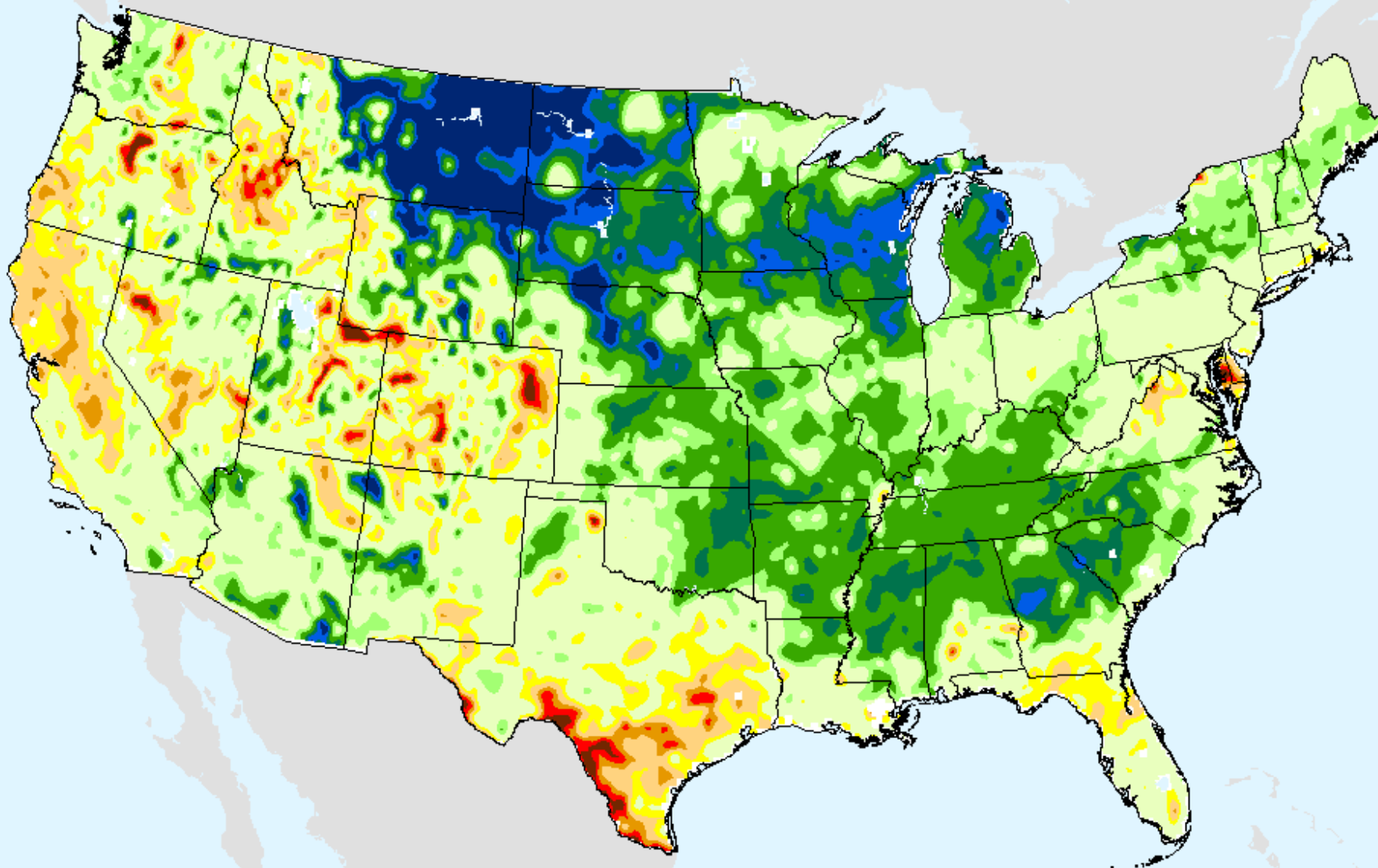


USDM for: Mar. 16, 2021

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# NLDAS Total Column Soil Moisture

As of: Tuesday, March 23, 2021

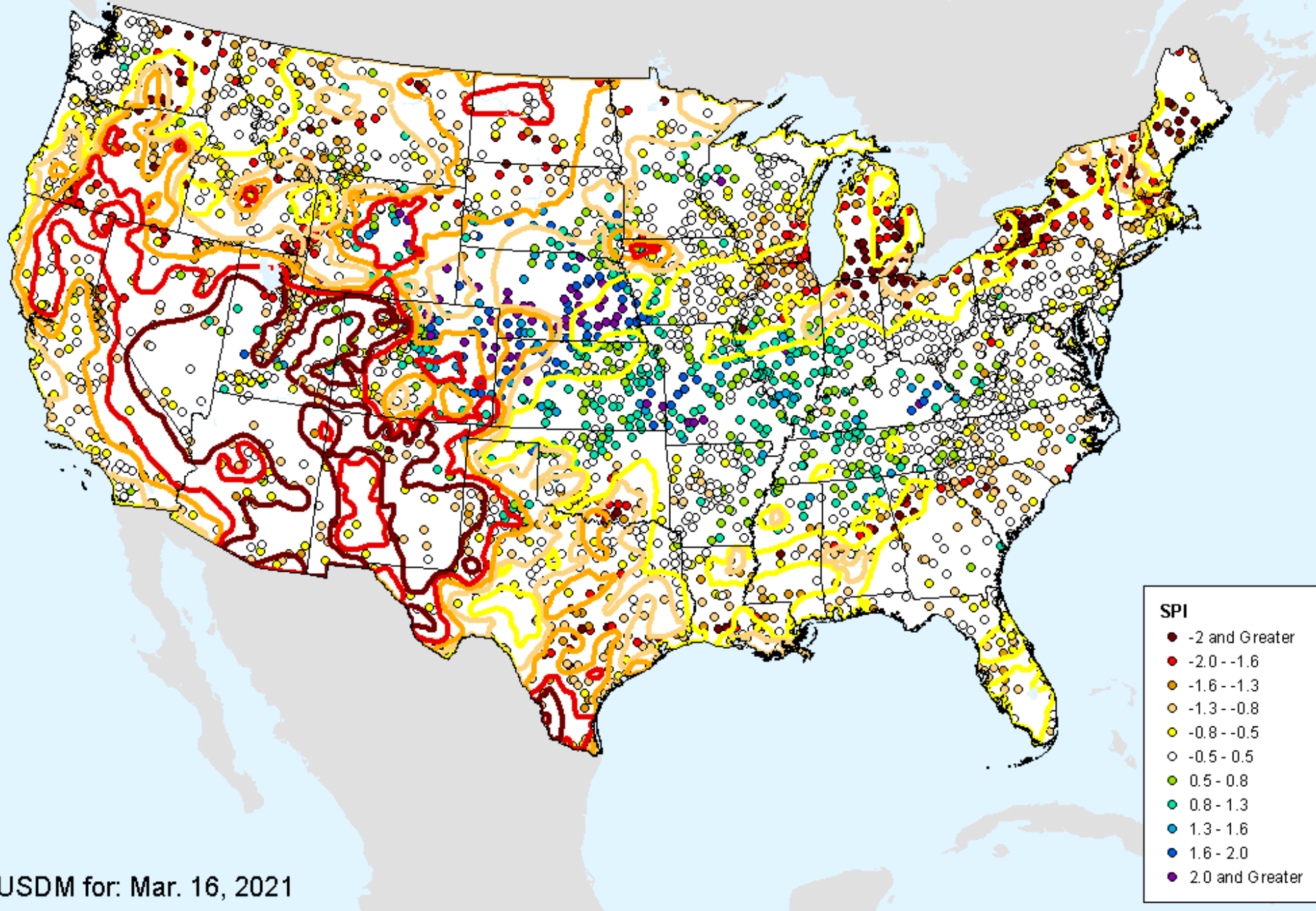


>98



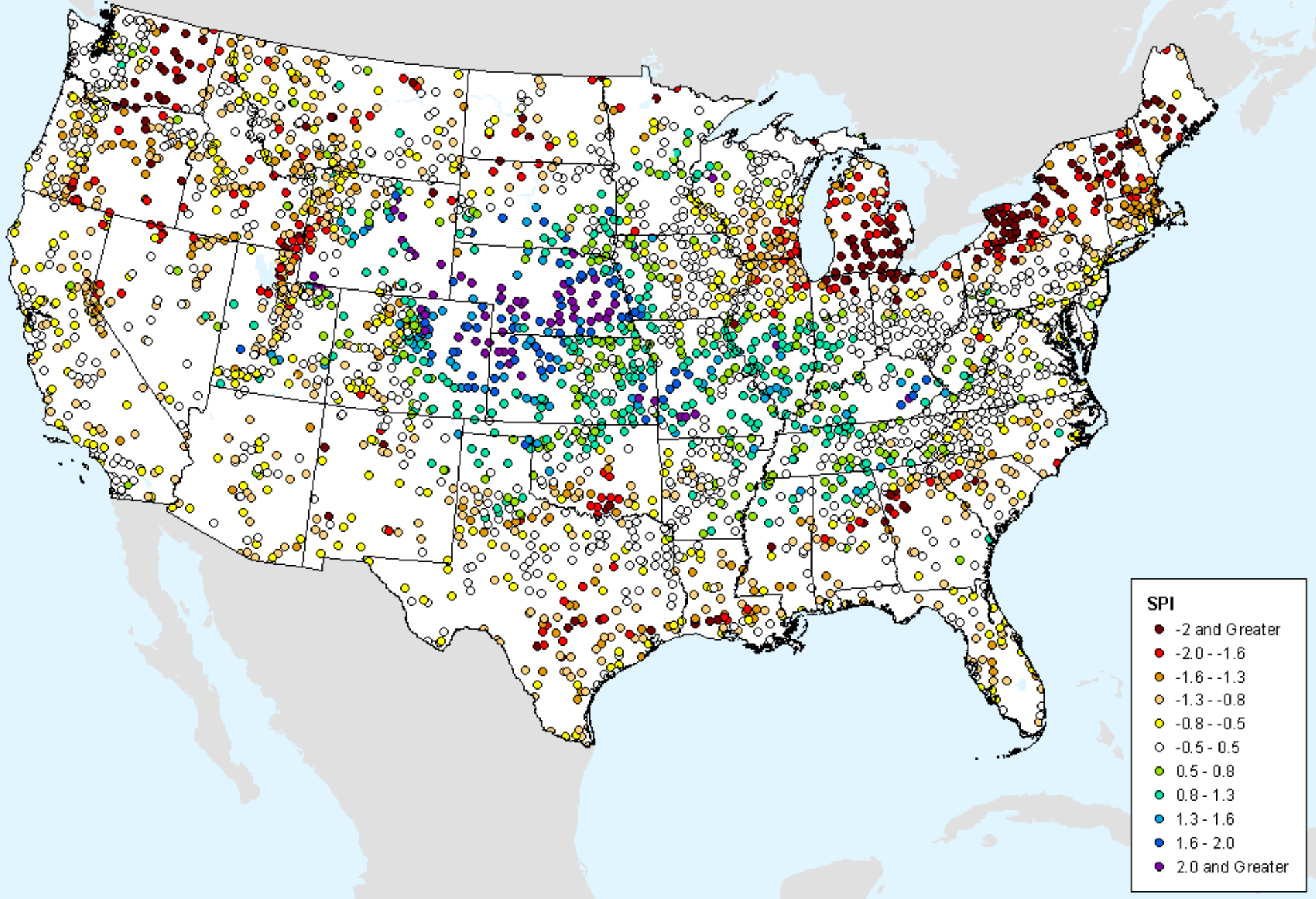
# HPRCC 1-month SPI

As of: Tuesday, March 23, 2021



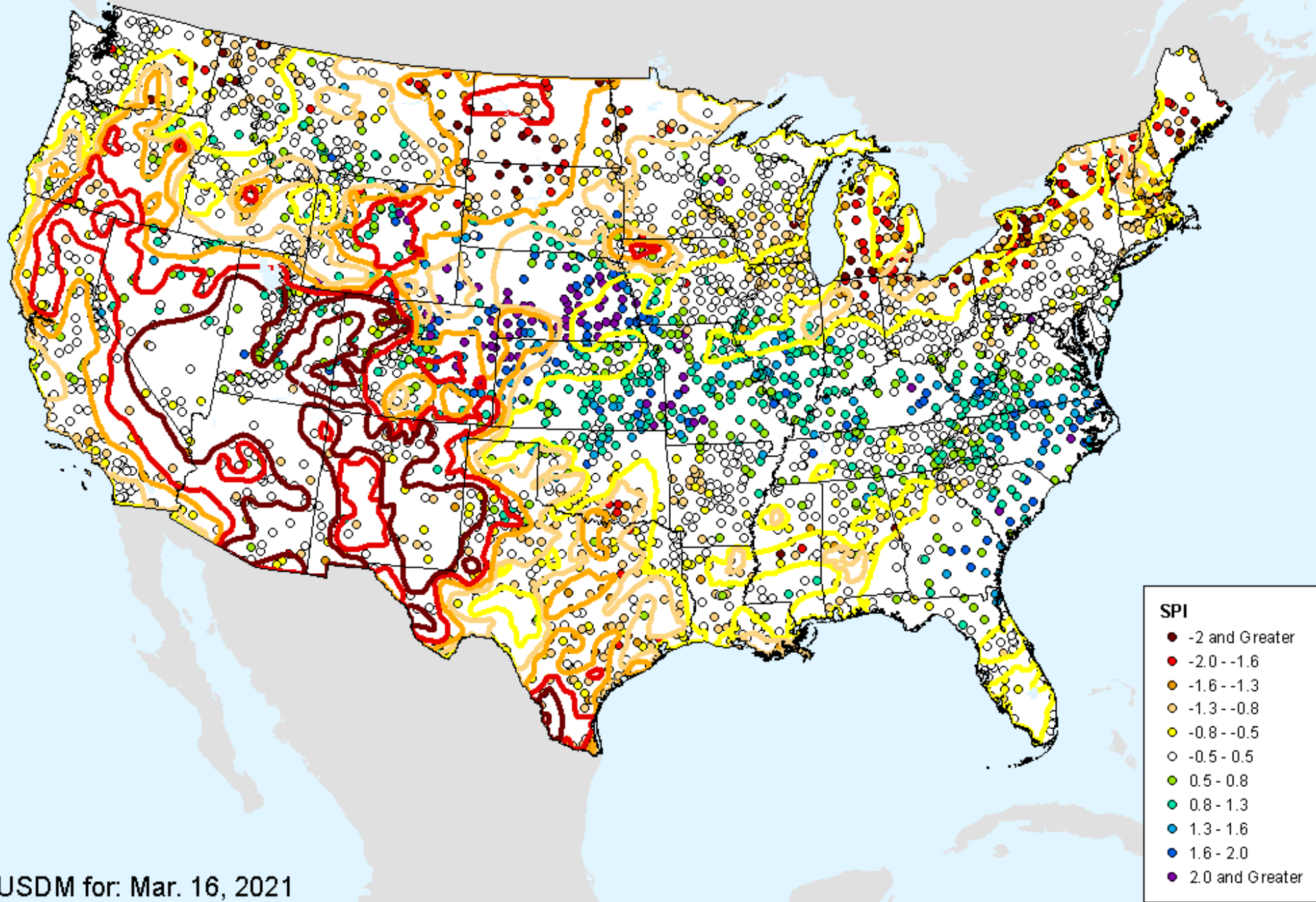
# HPRCC 1-month SPI

As of: Tuesday, March 23, 2021



# HPRCC 2-month SPI

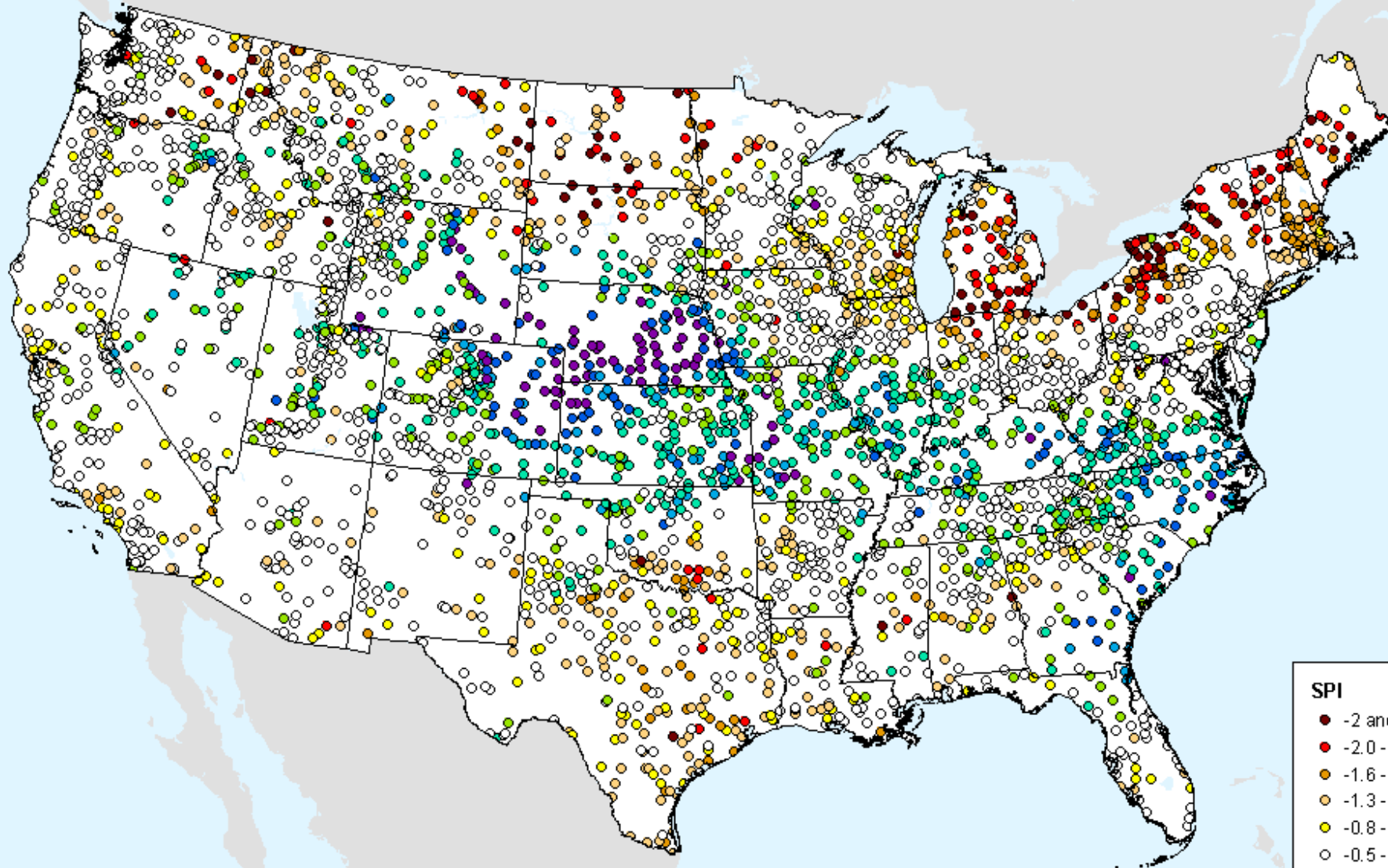
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# HPRCC 2-month SPI

As of: Tuesday, March 23, 2021

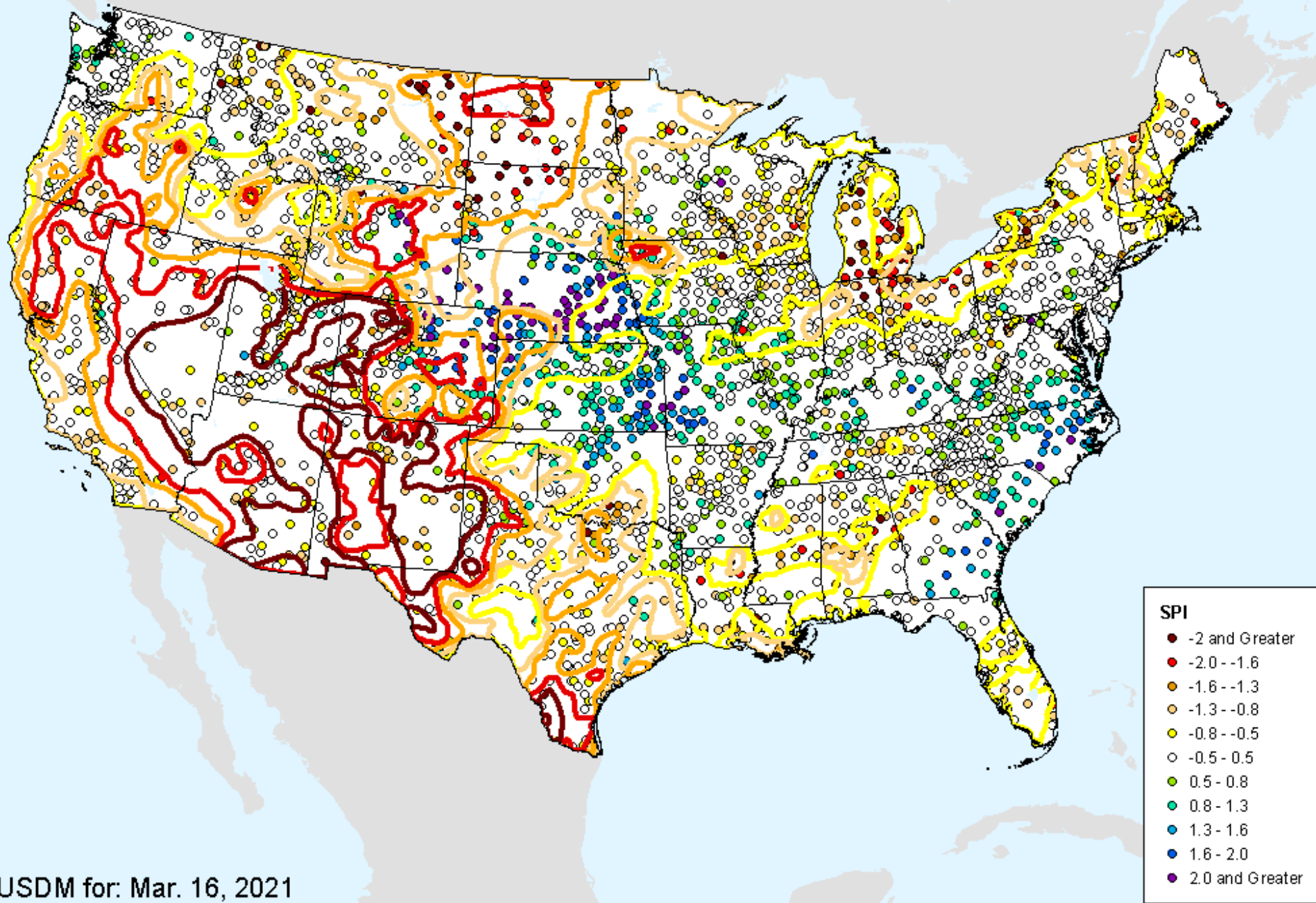


## SPI

- -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 3-month SPI

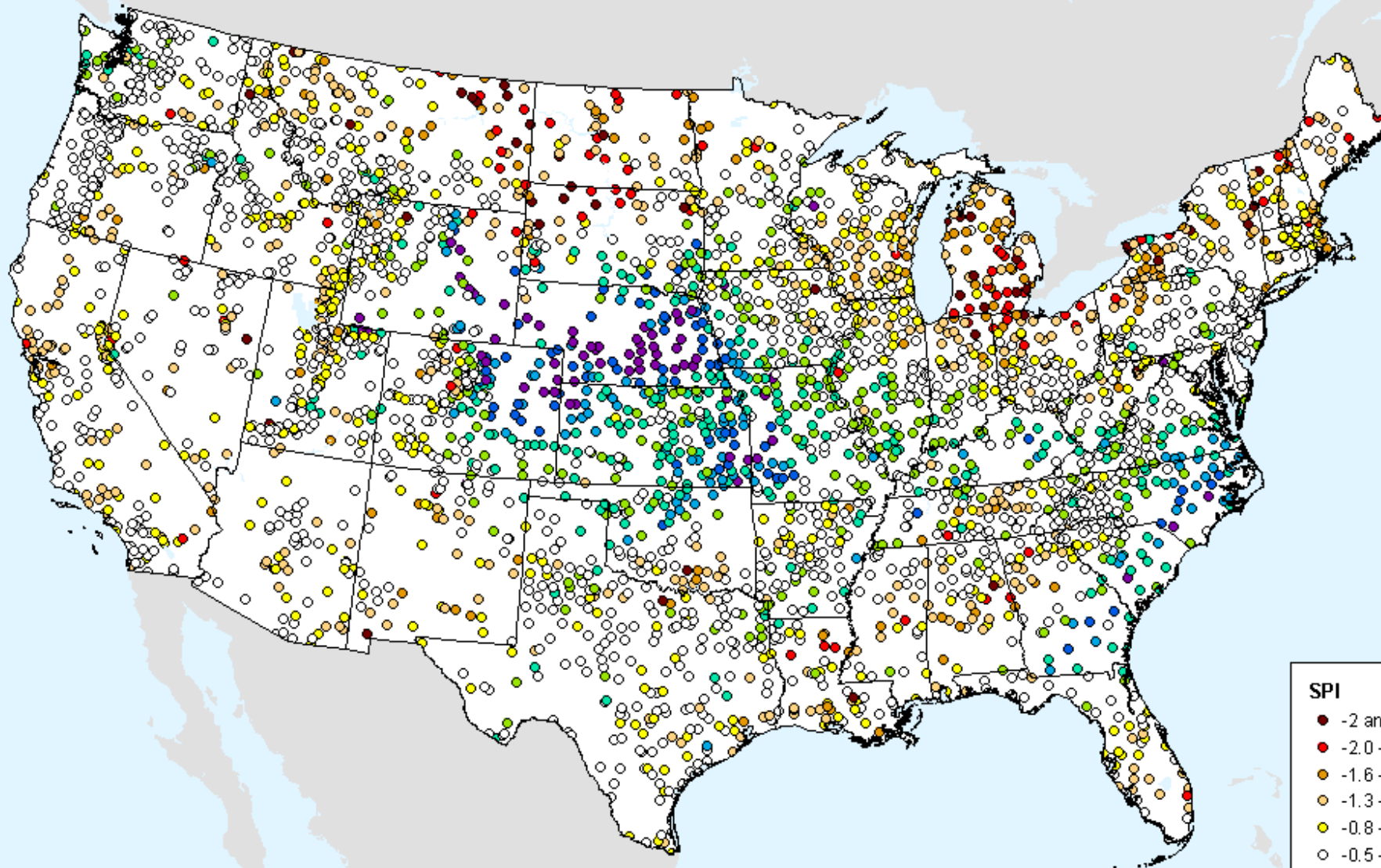
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# HPRCC 3-month SPI

As of: Tuesday, March 23, 2021

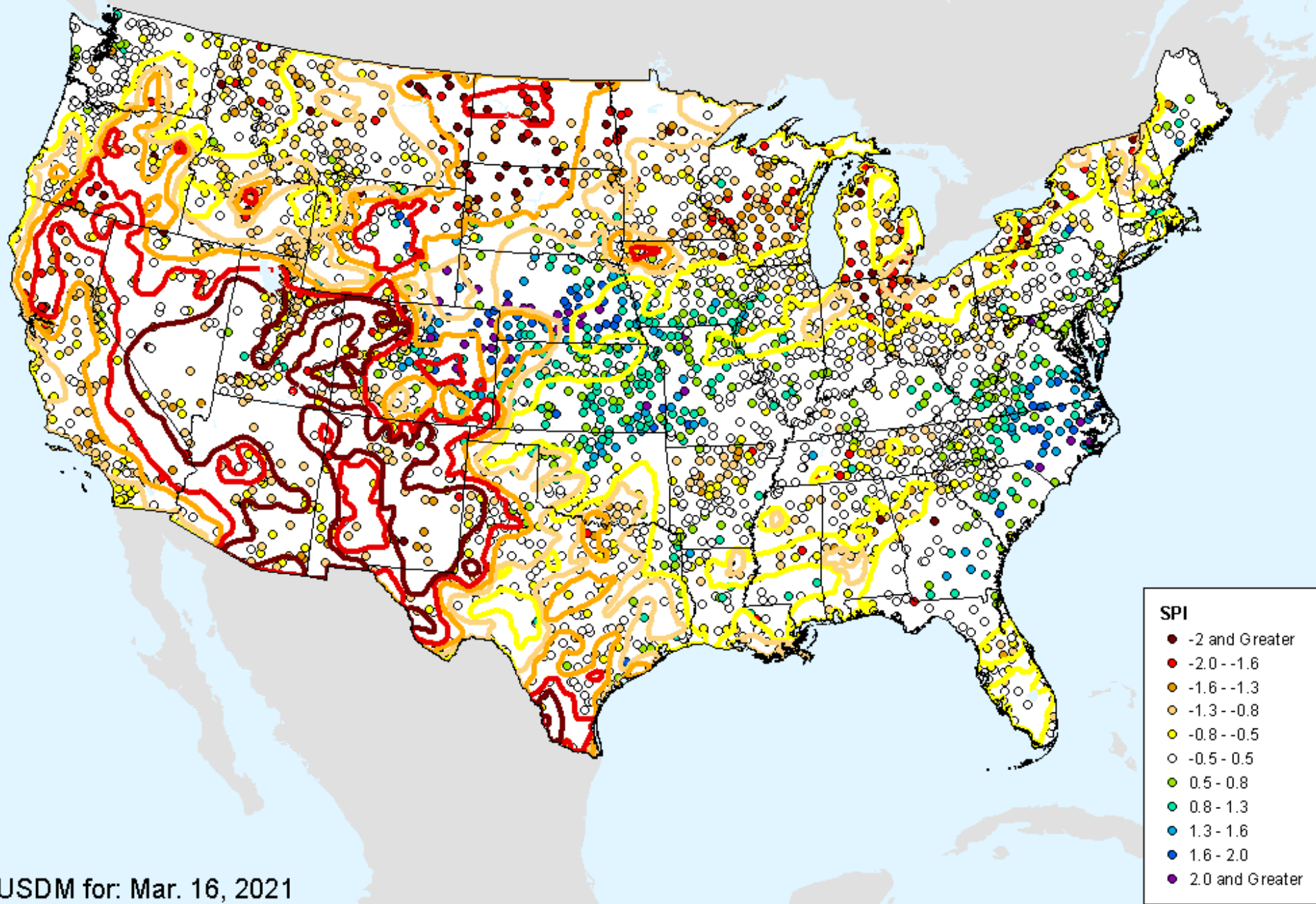


## SPI

- -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

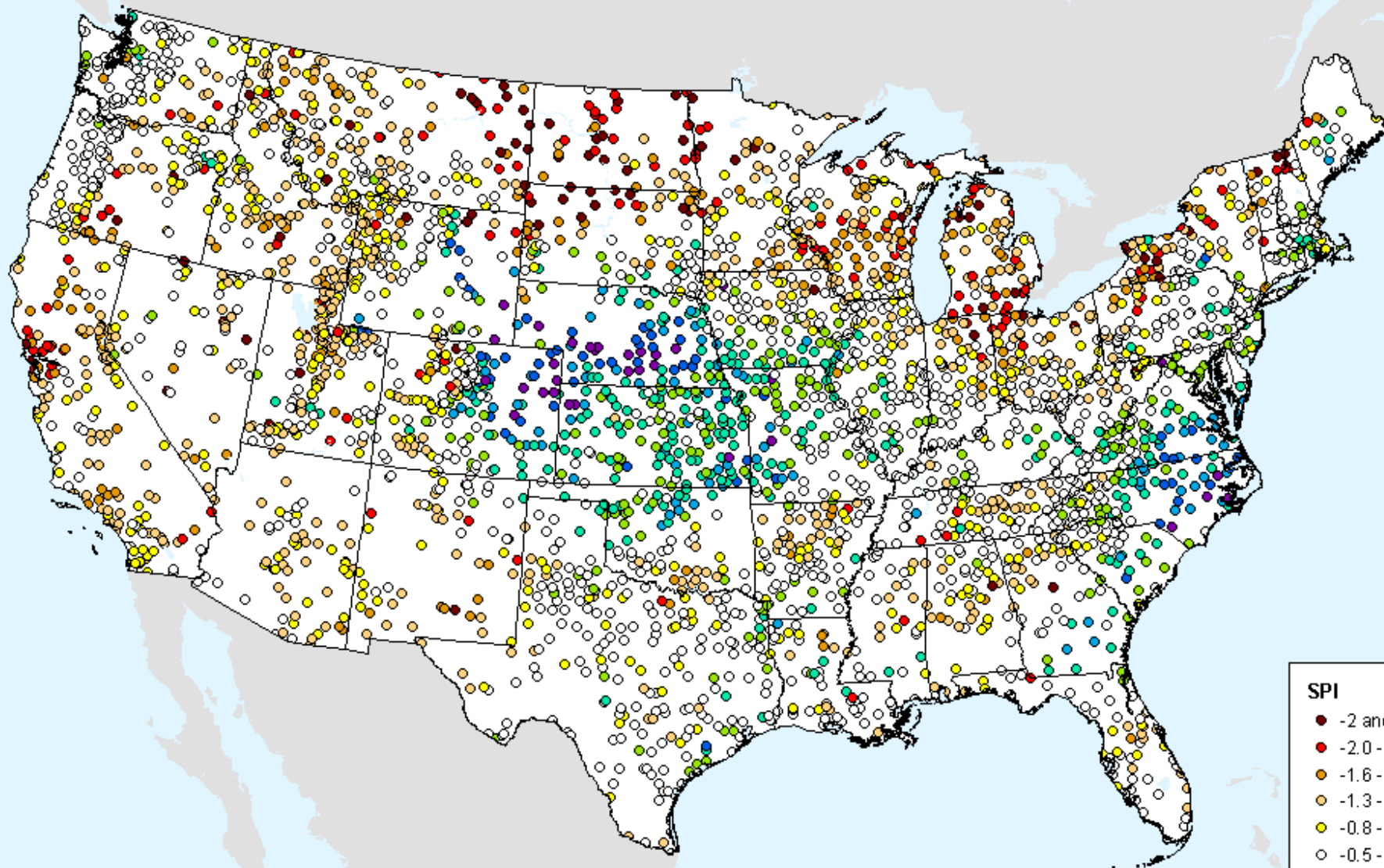
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# HPRCC 4-month SPI

As of: Tuesday, March 23, 2021



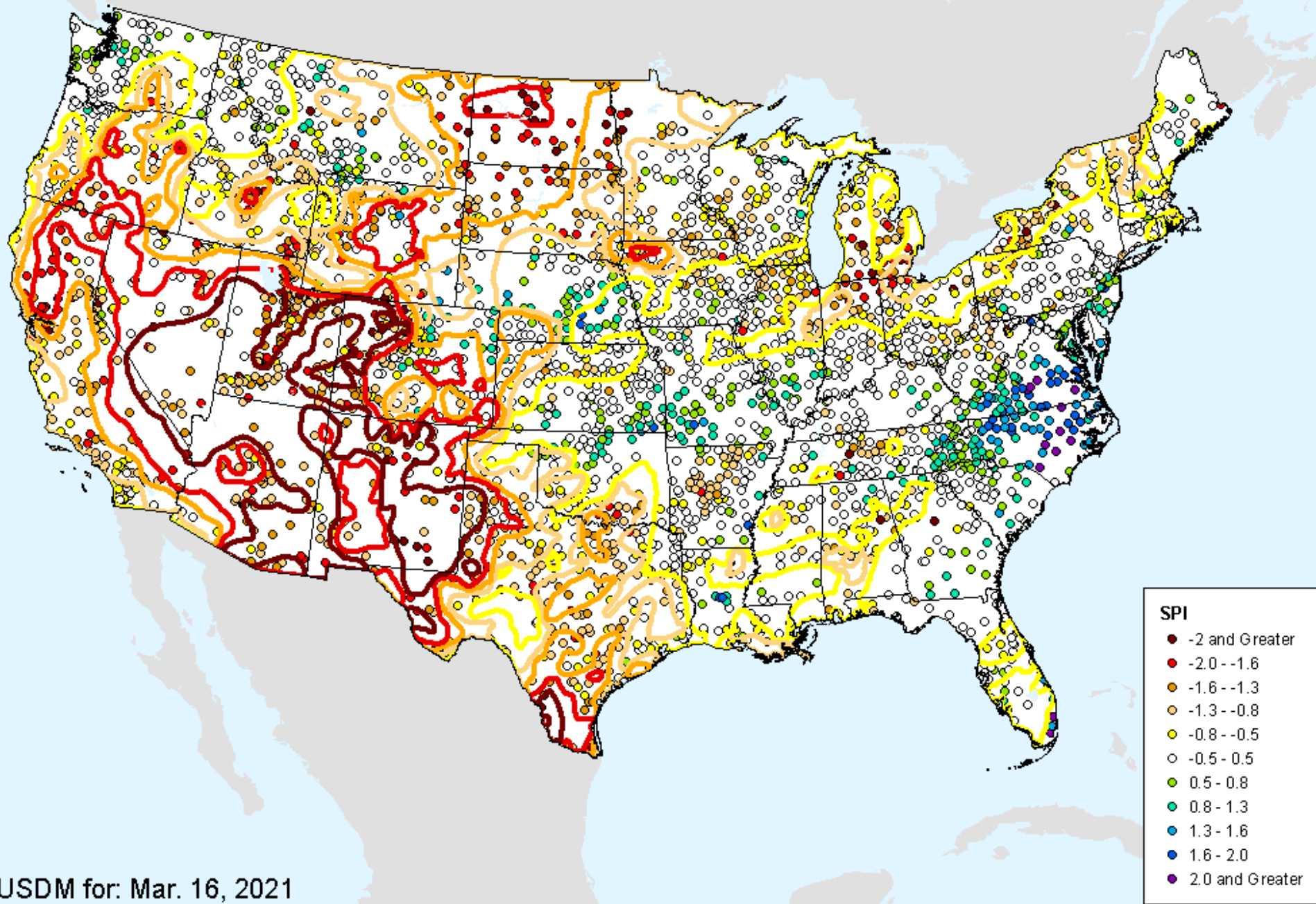
## SPI

- -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

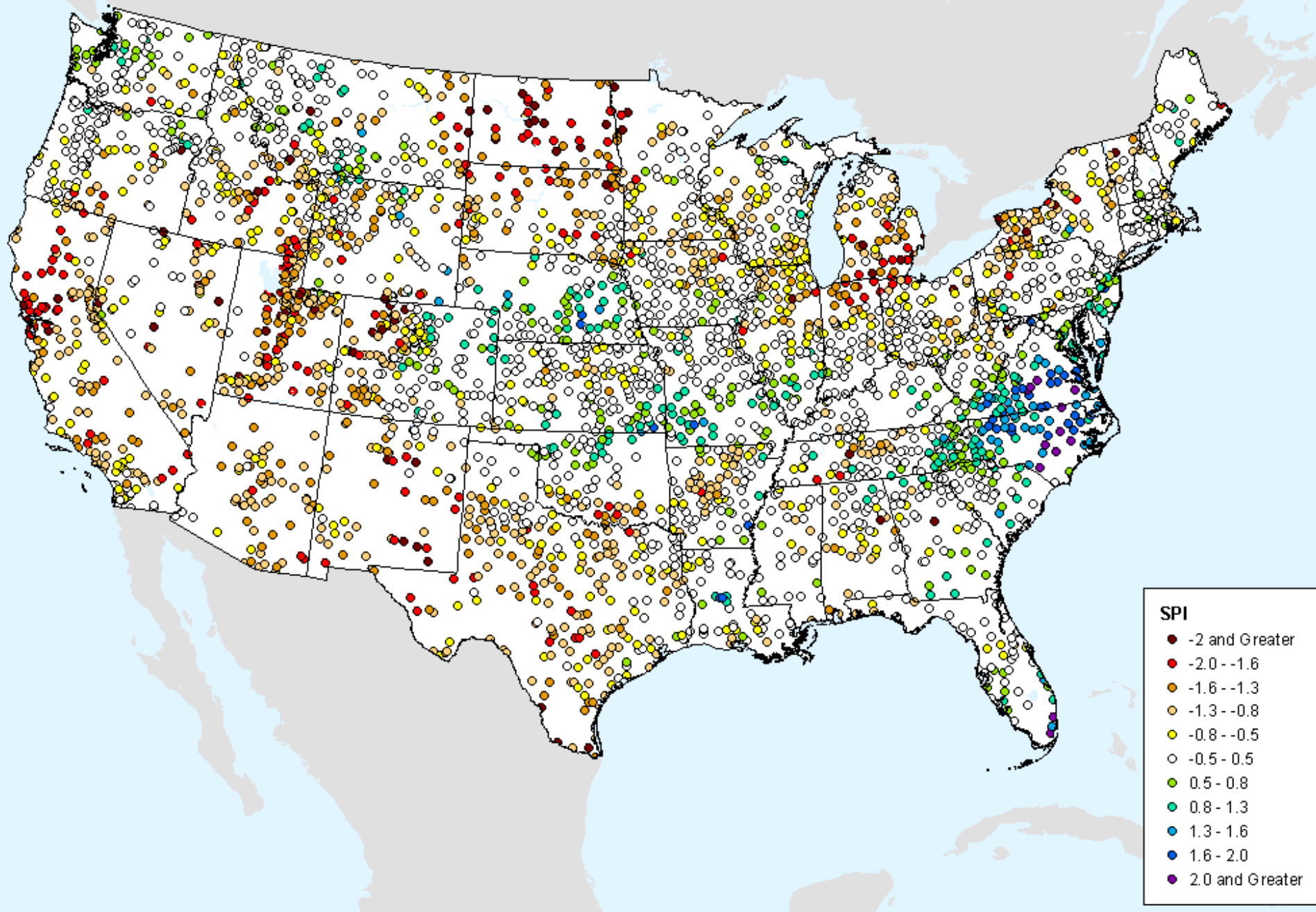
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

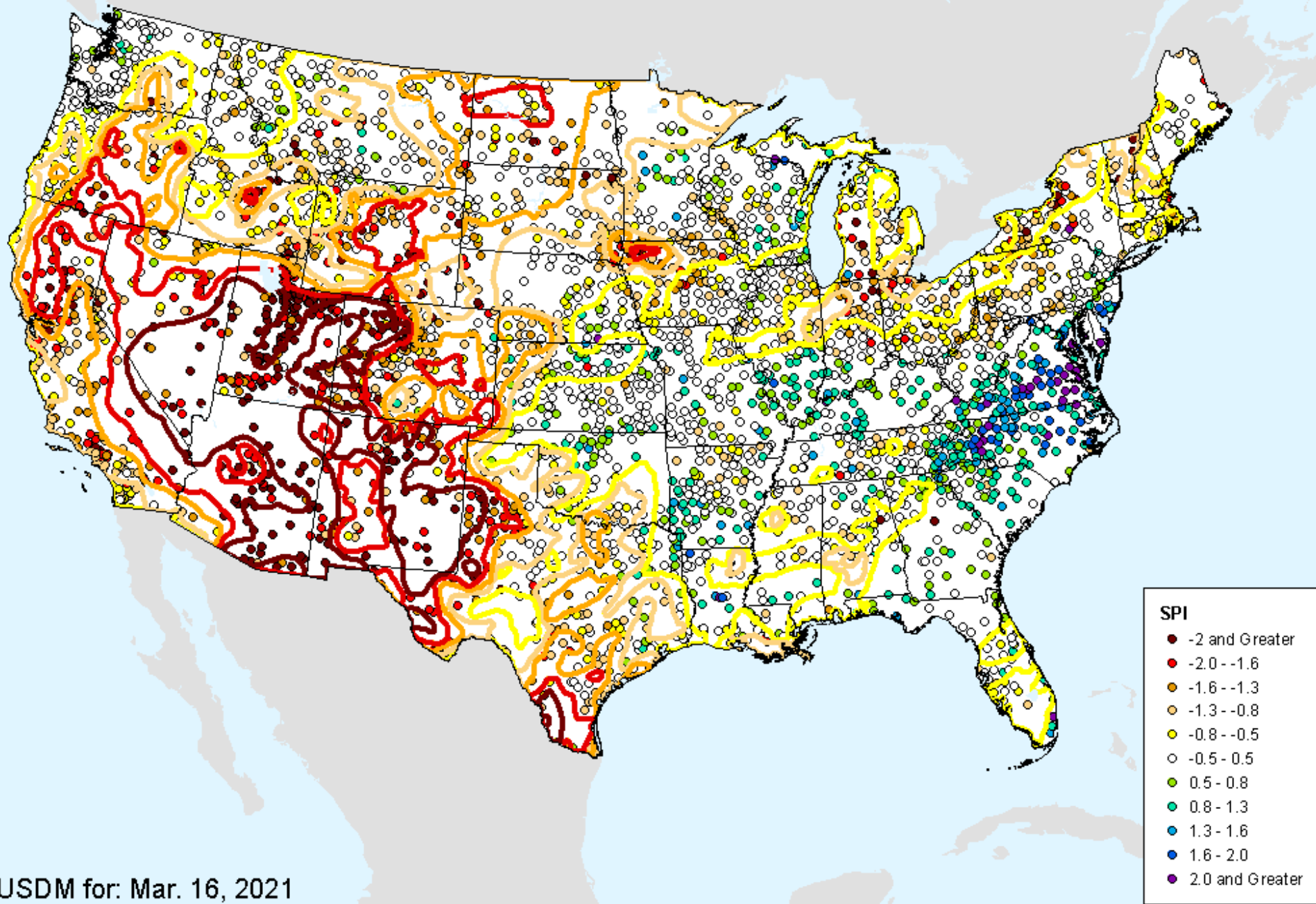
# HPRCC 6-month SPI

As of: Tuesday, March 23, 2021



# HPRCC 9-month SPI

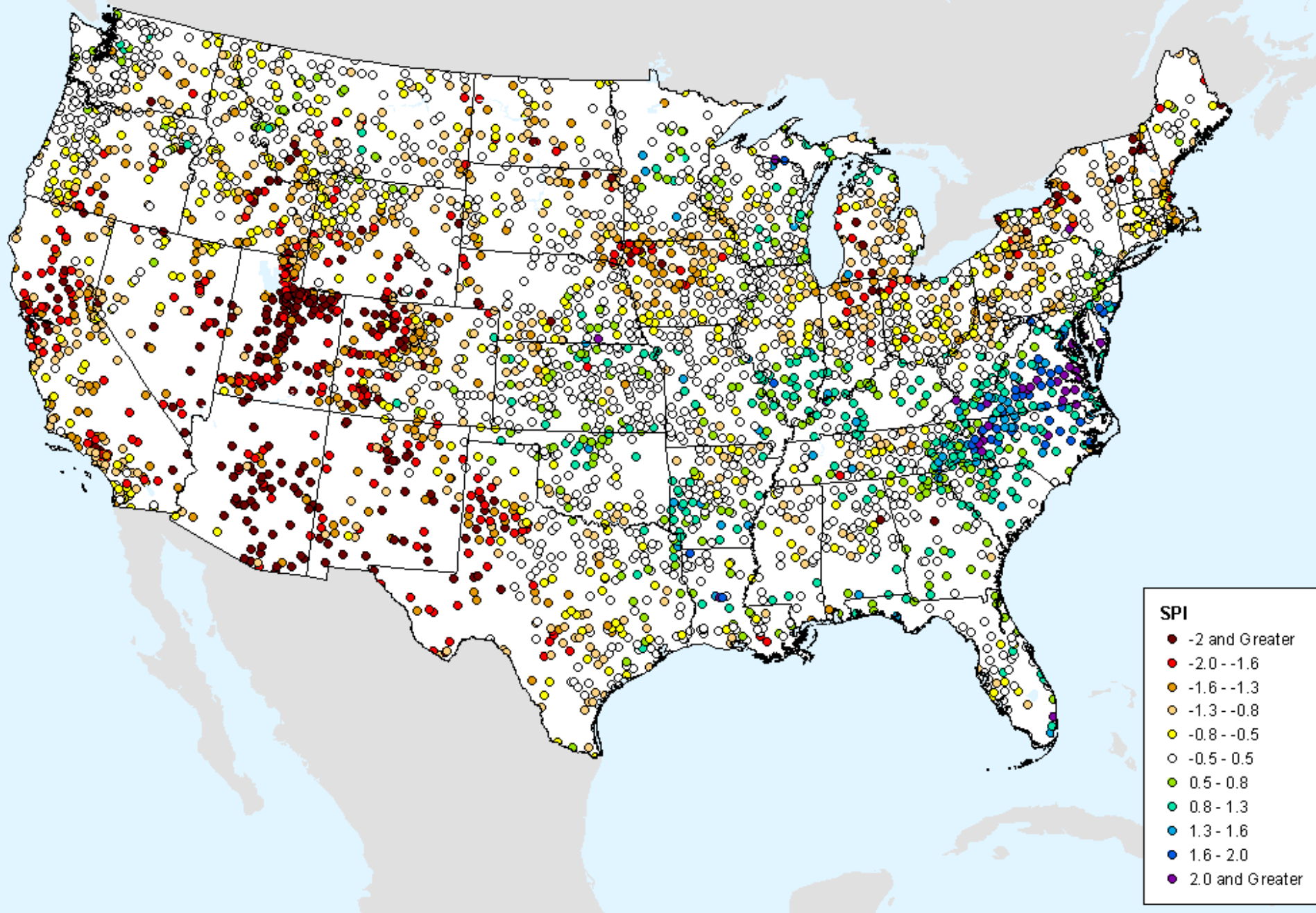
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

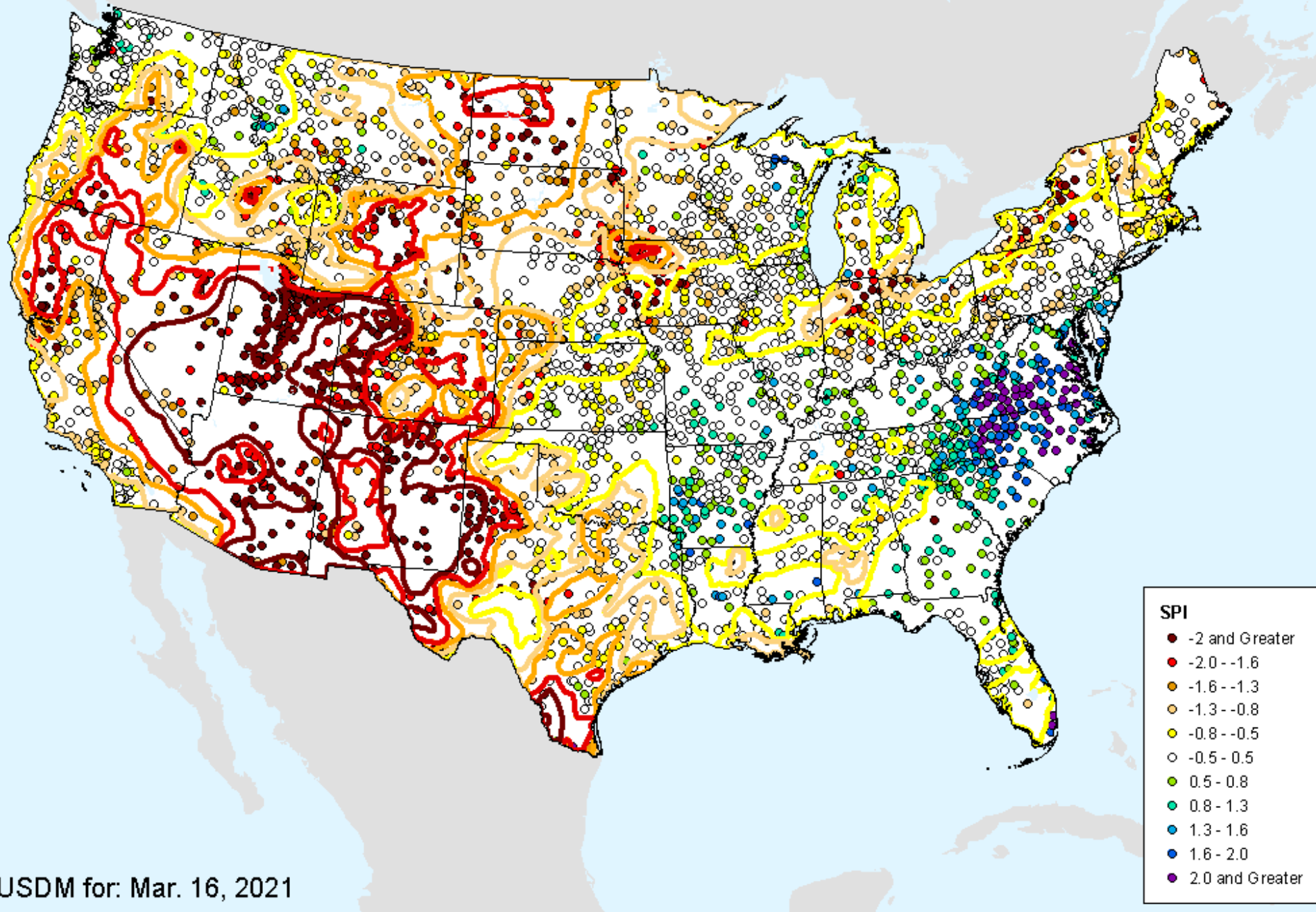
# HPRCC 9-month SPI

As of: Tuesday, March 23, 2021



# HPRCC 12-month SPI

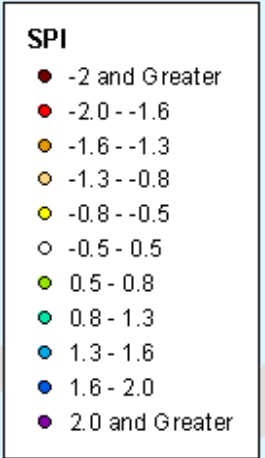
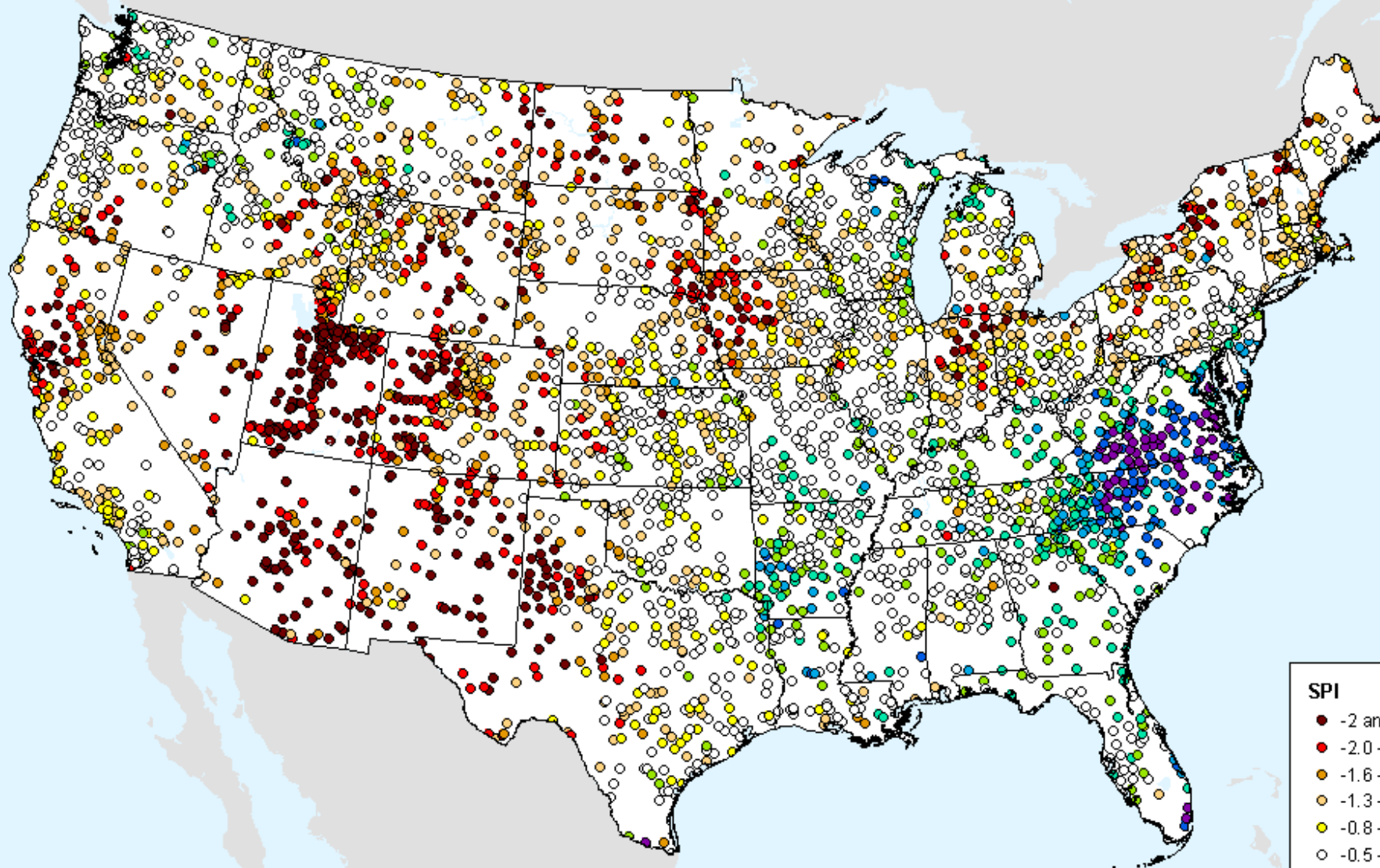
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

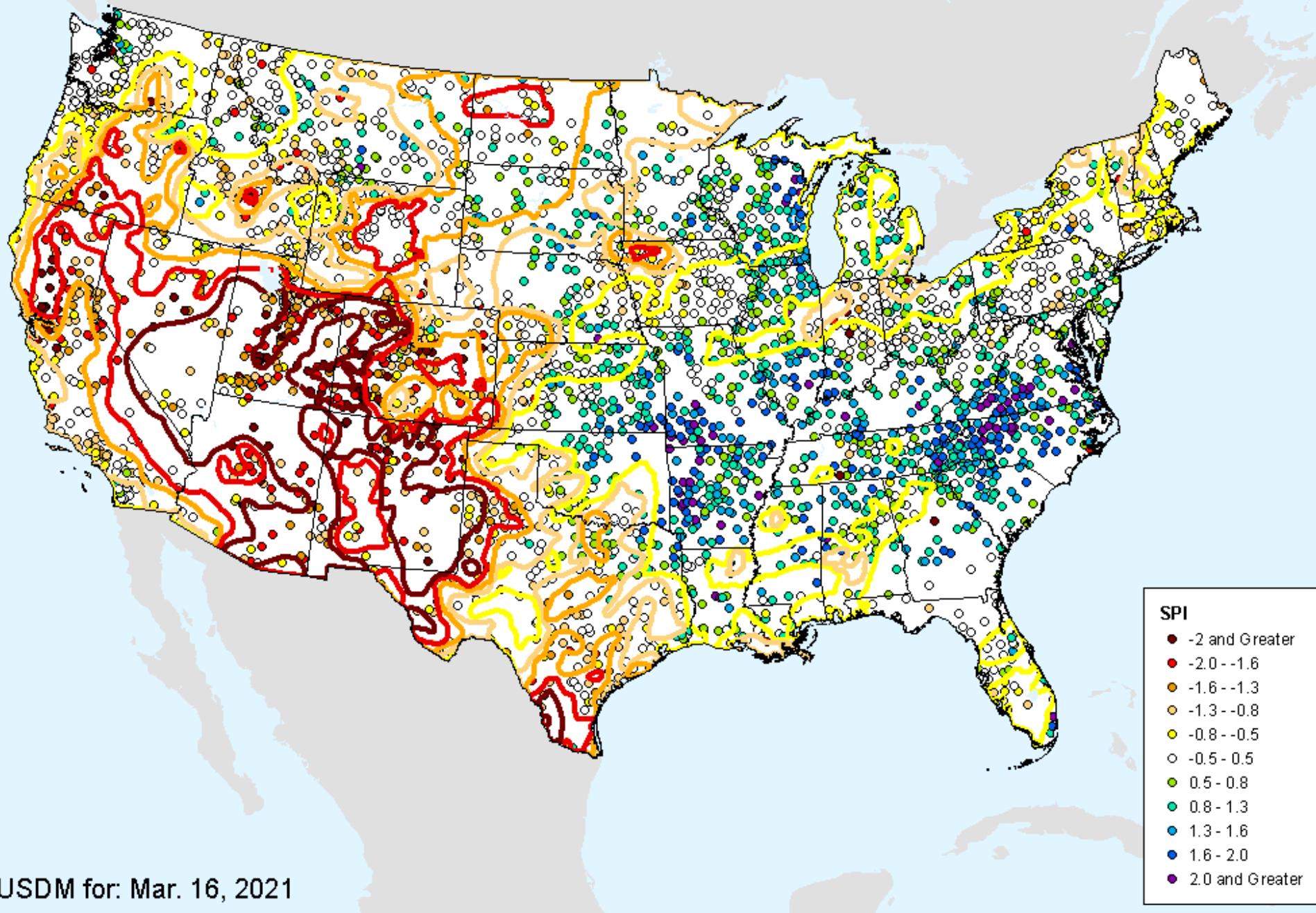
# HPRCC 12-month SPI

As of: Tuesday, March 23, 2021



# HPRCC 24-month SPI

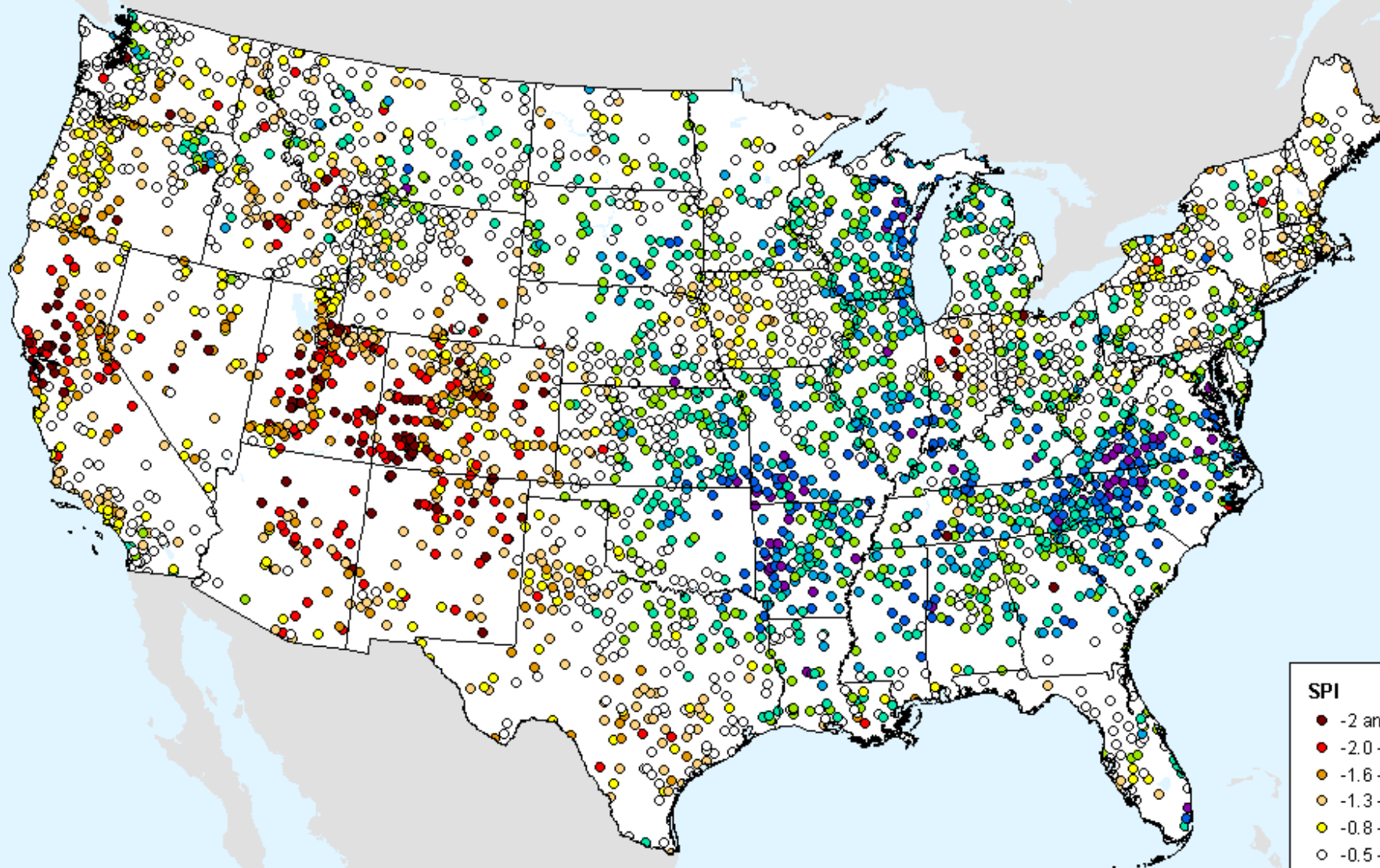
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# HPRCC 24-month SPI

As of: Tuesday, March 23, 2021



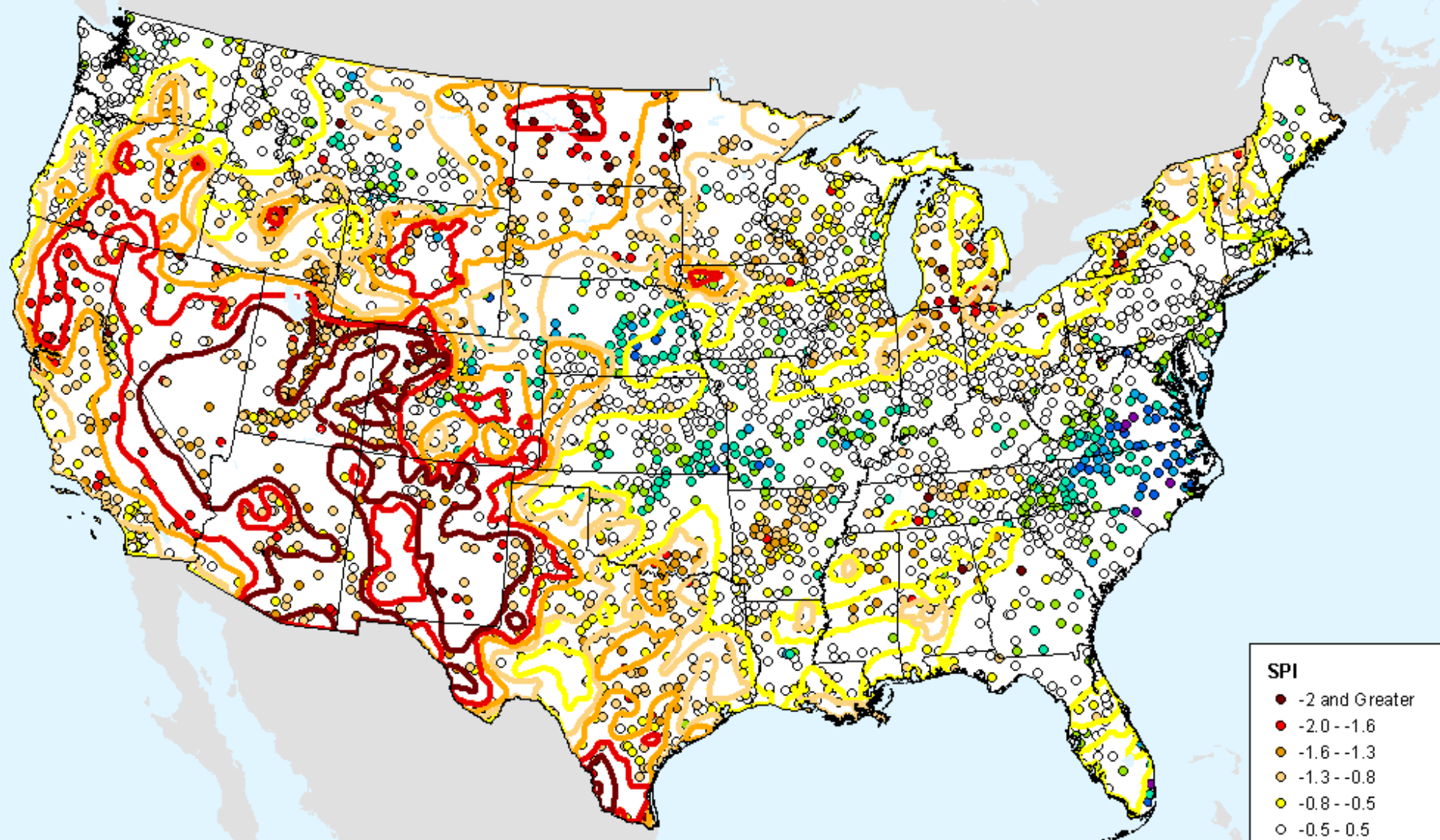
## SPI

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

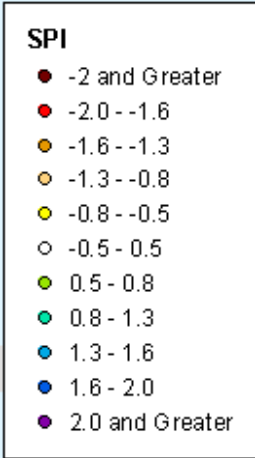


# HPRCC Water Year-to-date SPI

As of: Tuesday, March 23, 2021

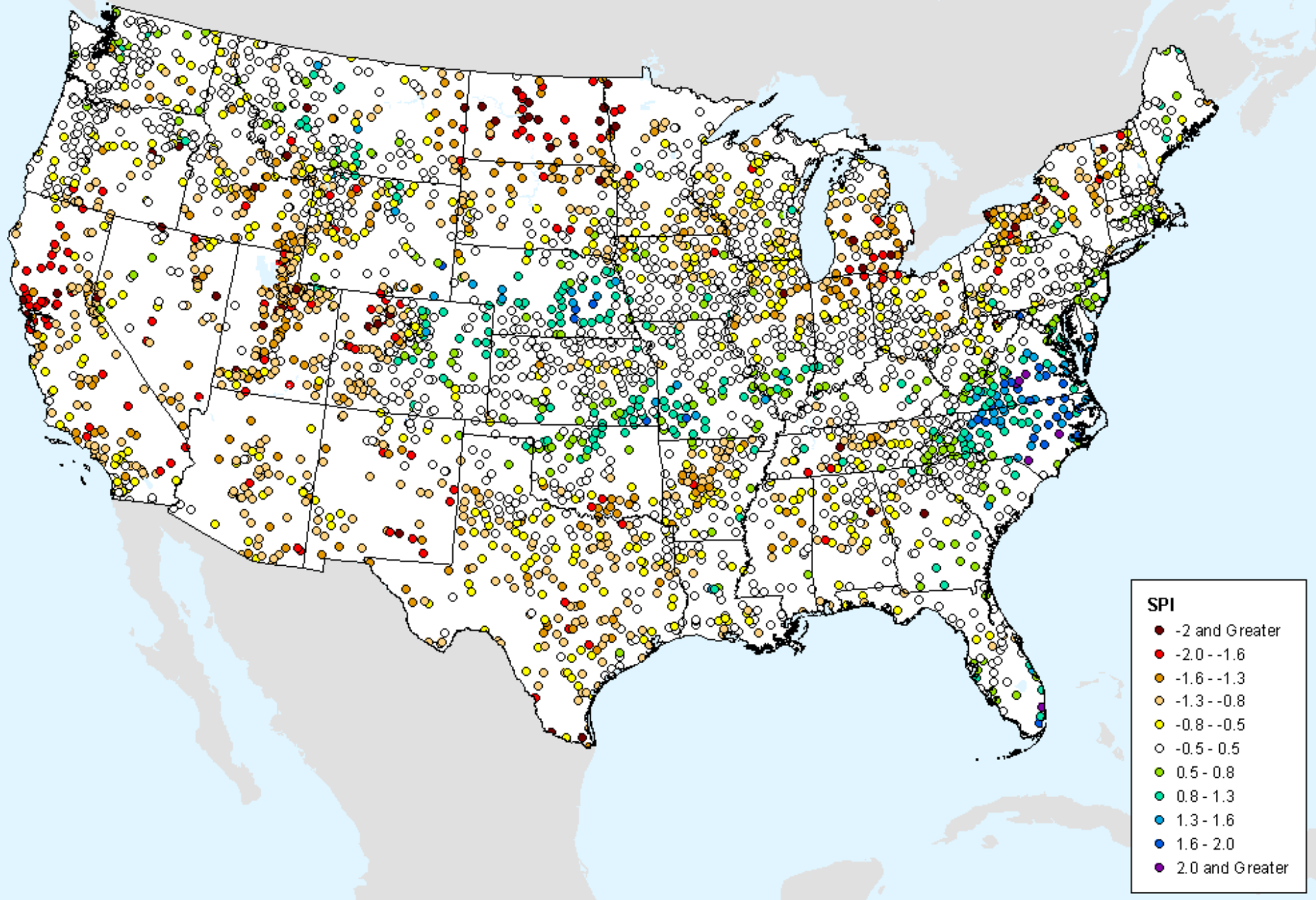


USDM for: Mar. 16, 2021



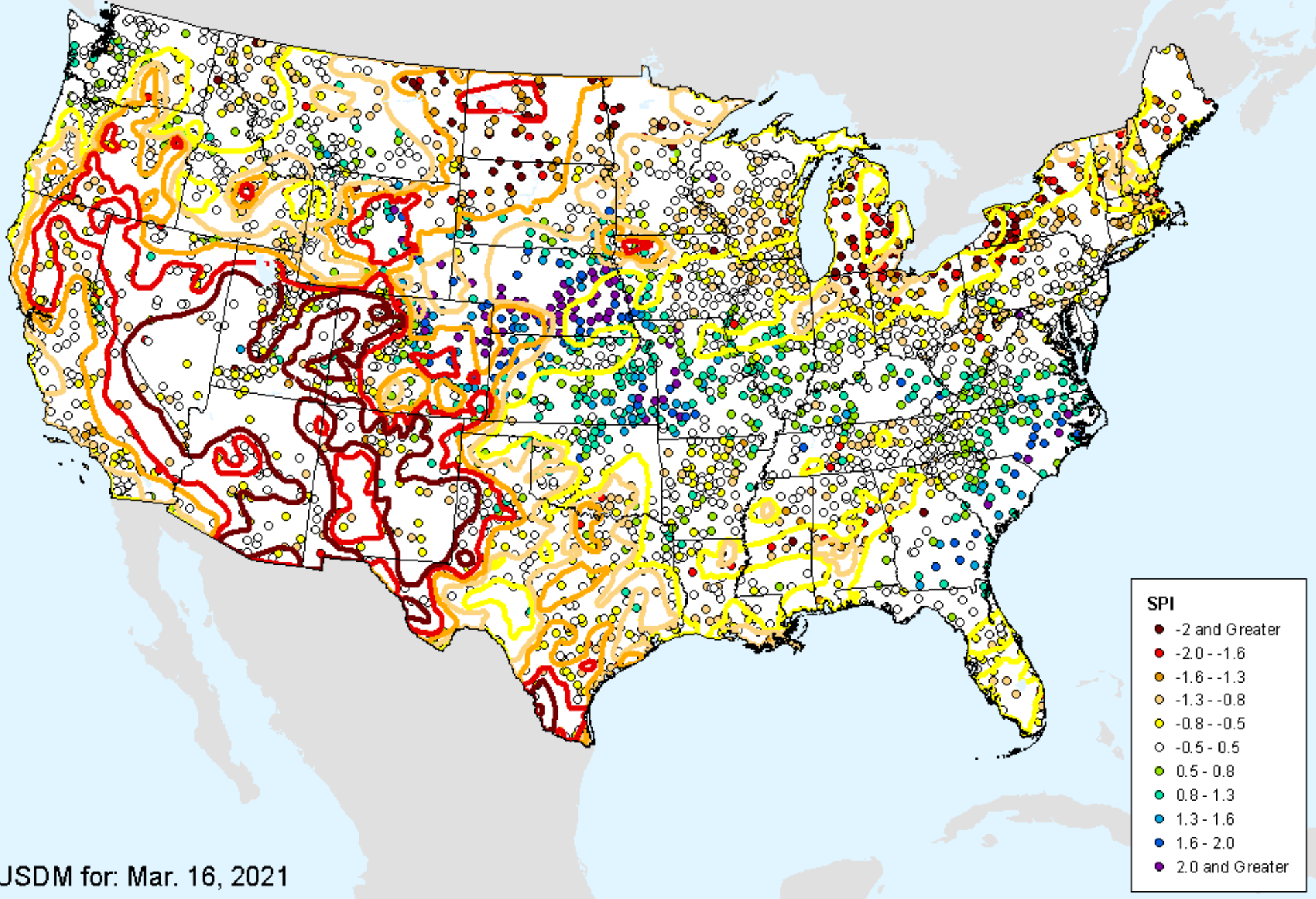
# HPRCC Water Year-to-date SPI

As of: Tuesday, March 23, 2021



# HPRCC Year-to-date SPI

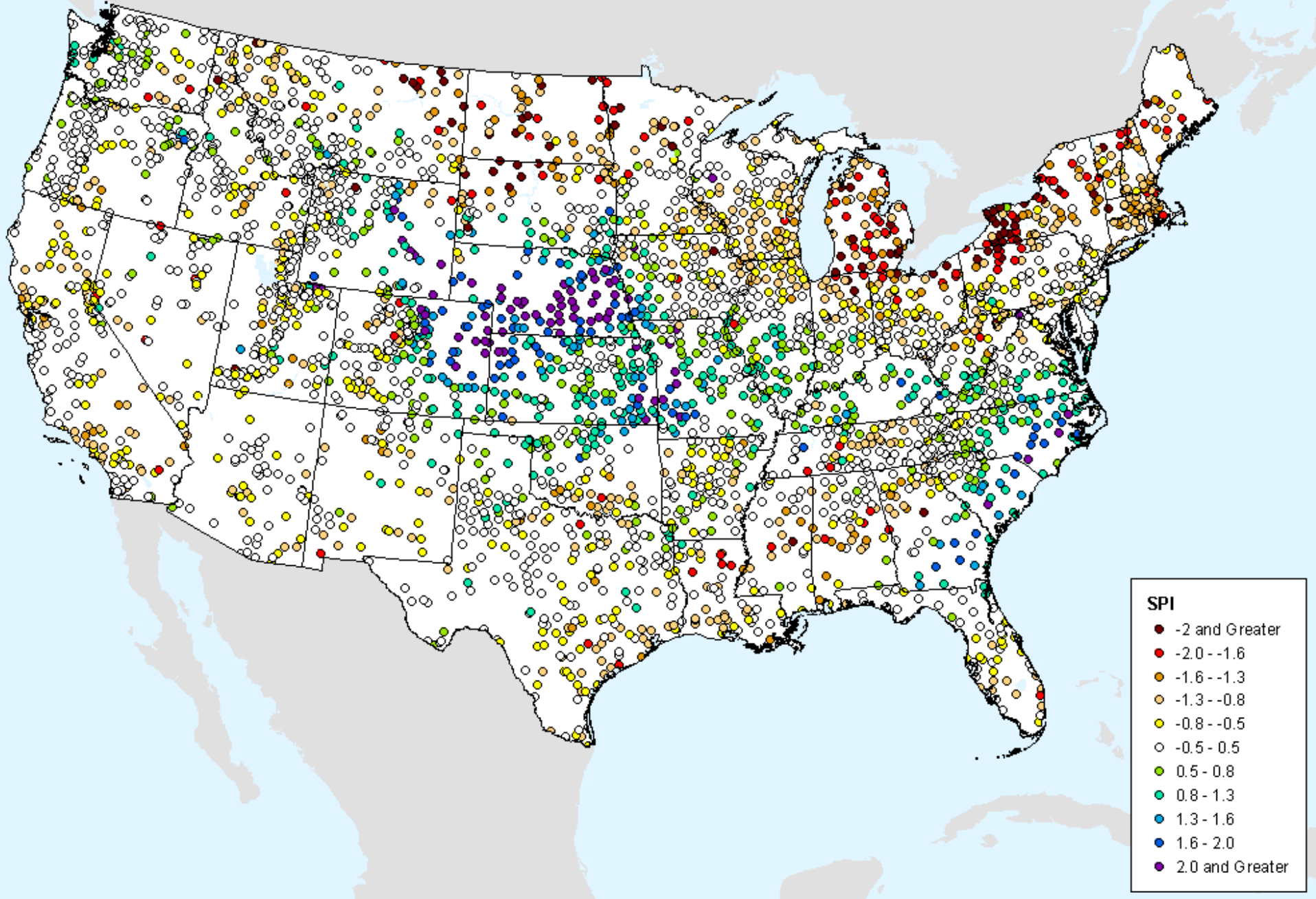
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

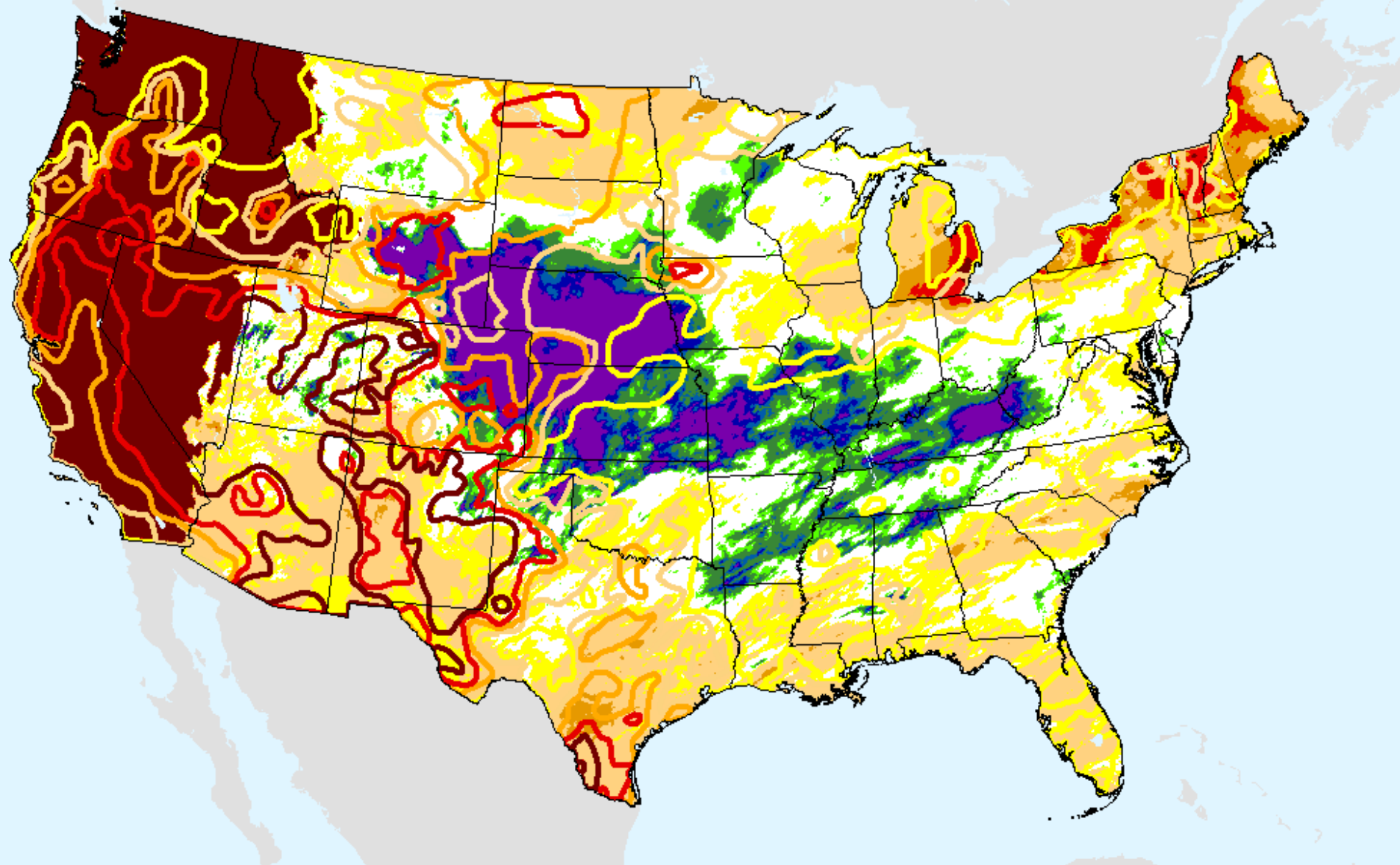
# HPRCC Year-to-date SPI

As of: Tuesday, March 23, 2021



# AHPS 1-month SPI

As of: Tuesday, March 23, 2021

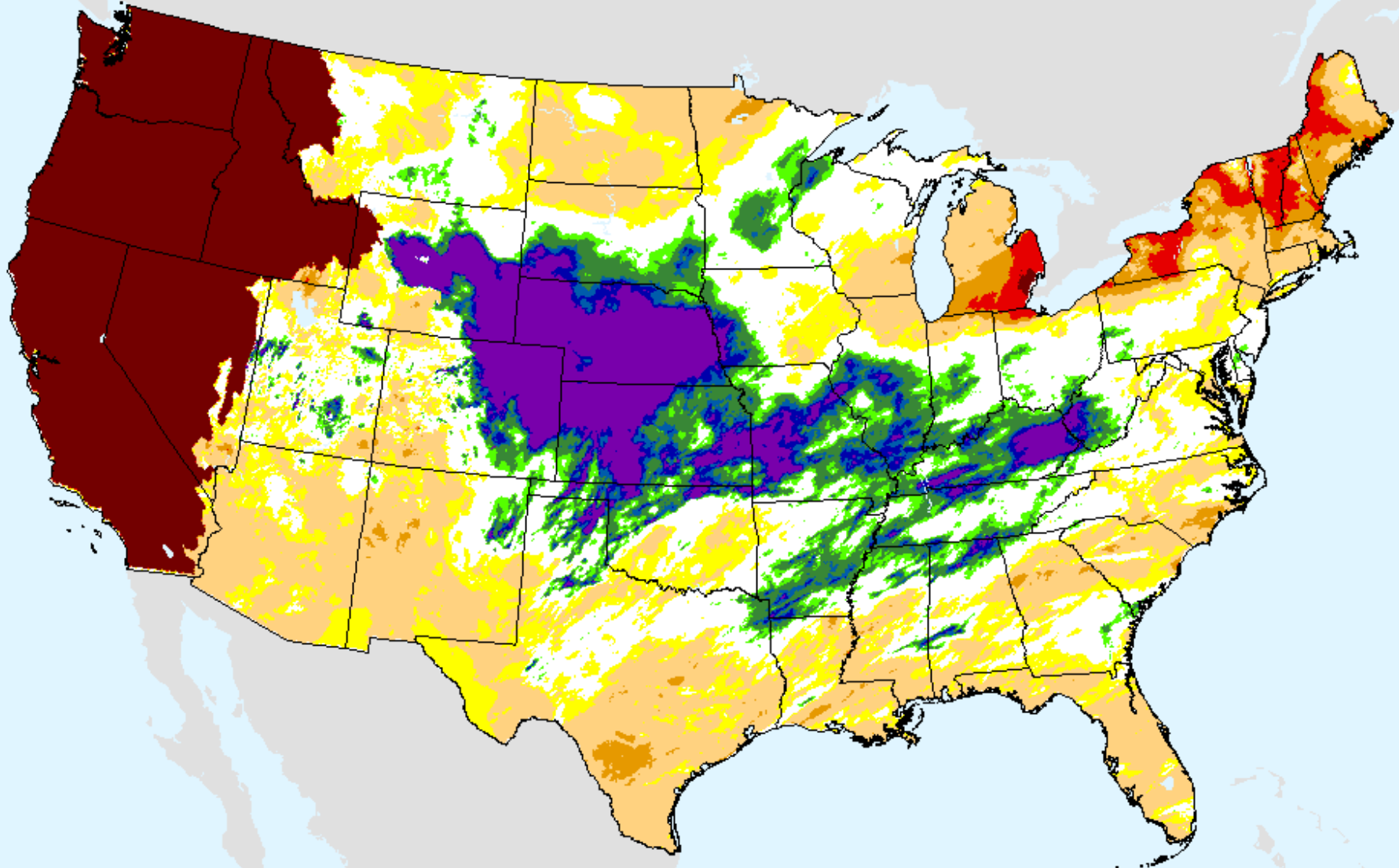


USDM for: Mar. 16, 2021

SPI (USDM)

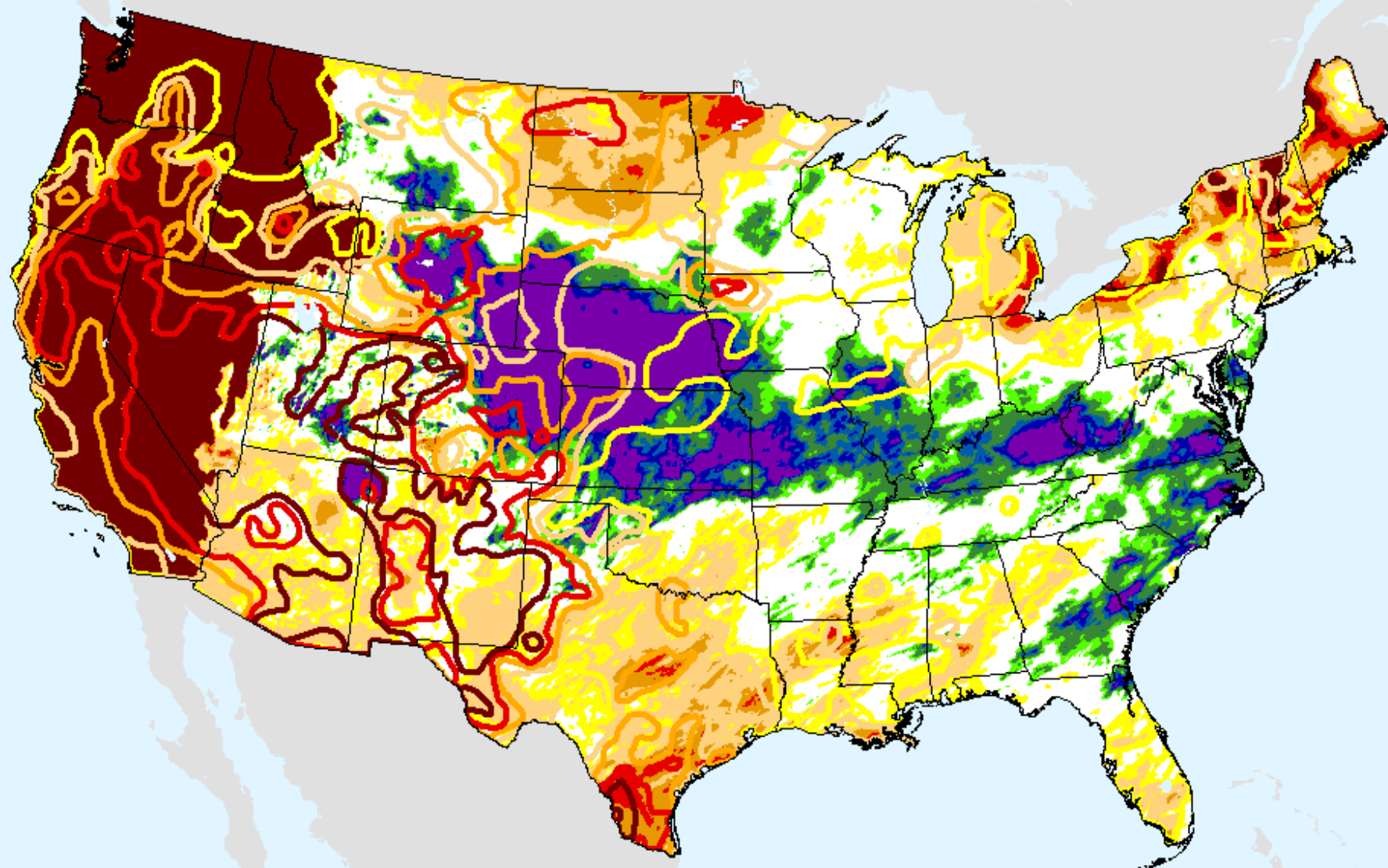
# AHPS 1-month SPI

As of: Tuesday, March 23, 2021



# AHPS 2-month SPI

As of: Tuesday, March 23, 2021

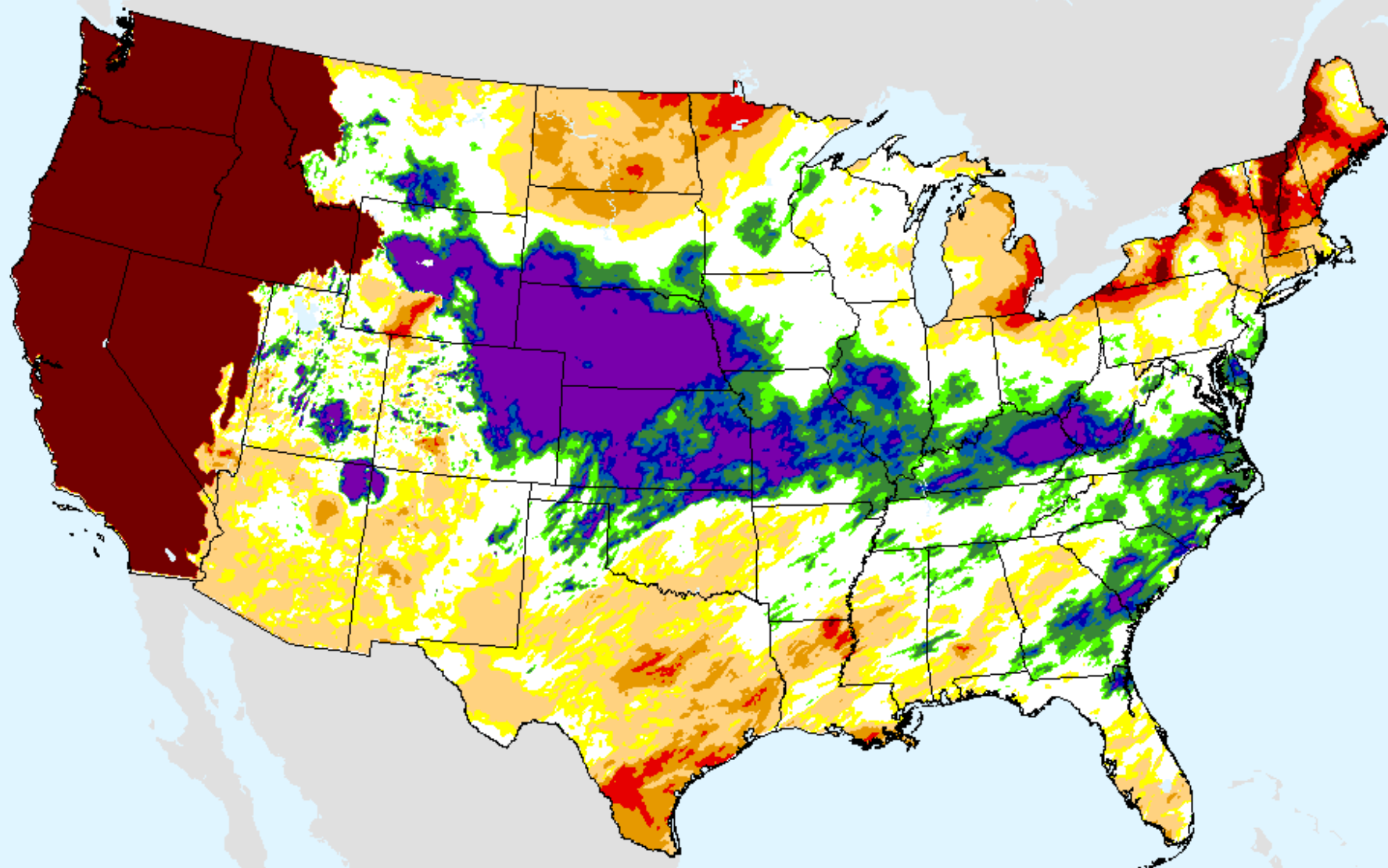


USDM for: Mar. 16, 2021

SPI (USDM)

# AHPS 2-month SPI

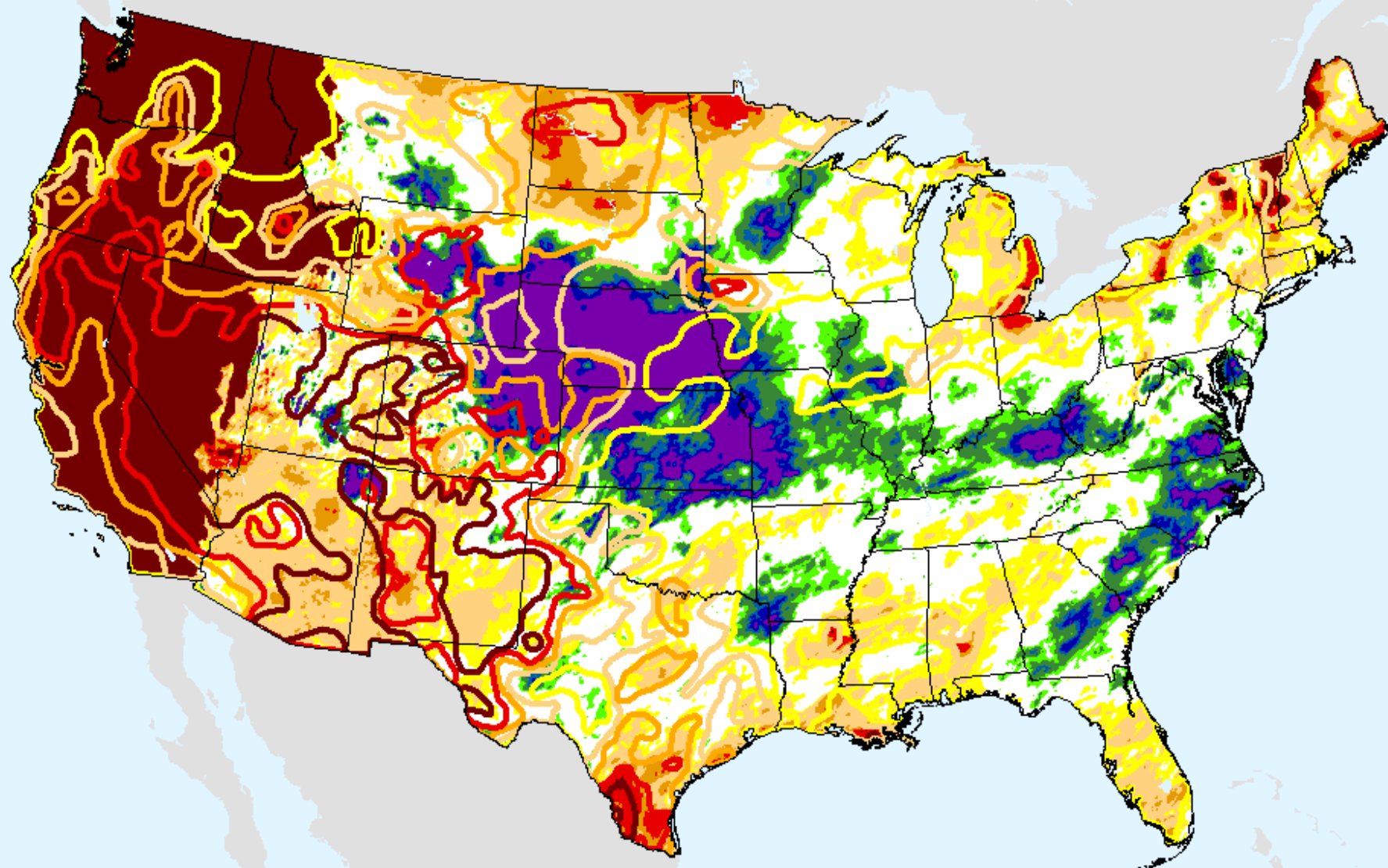
As of: Tuesday, March 23, 2021





# AHPS 3-month SPI

As of: Tuesday, March 23, 2021

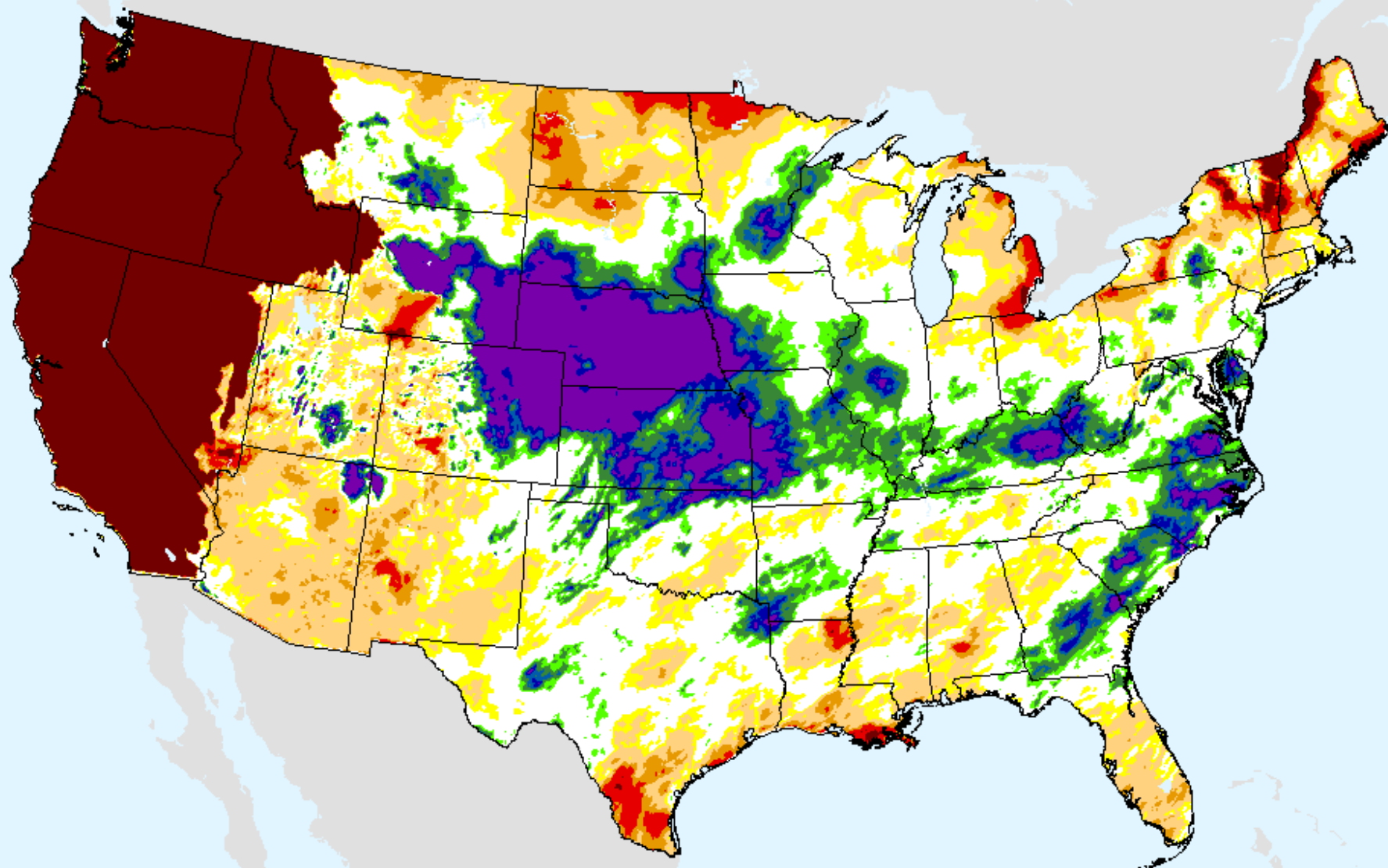


USDM for: Mar. 16, 2021

SPI (USDM)

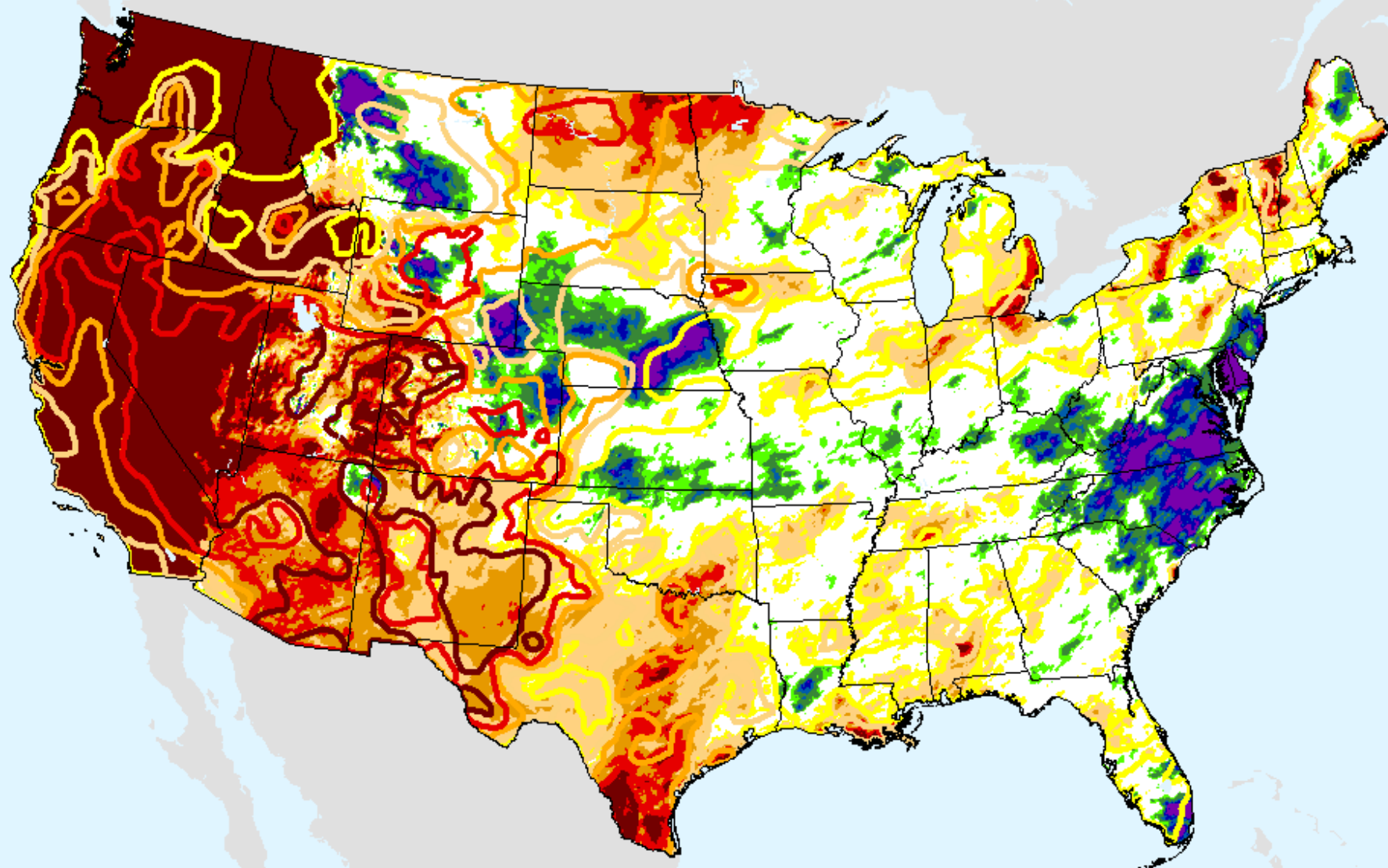
# AHPS 3-month SPI

As of: Tuesday, March 23, 2021



# AHPS 6-month SPI

As of: Tuesday, March 23, 2021

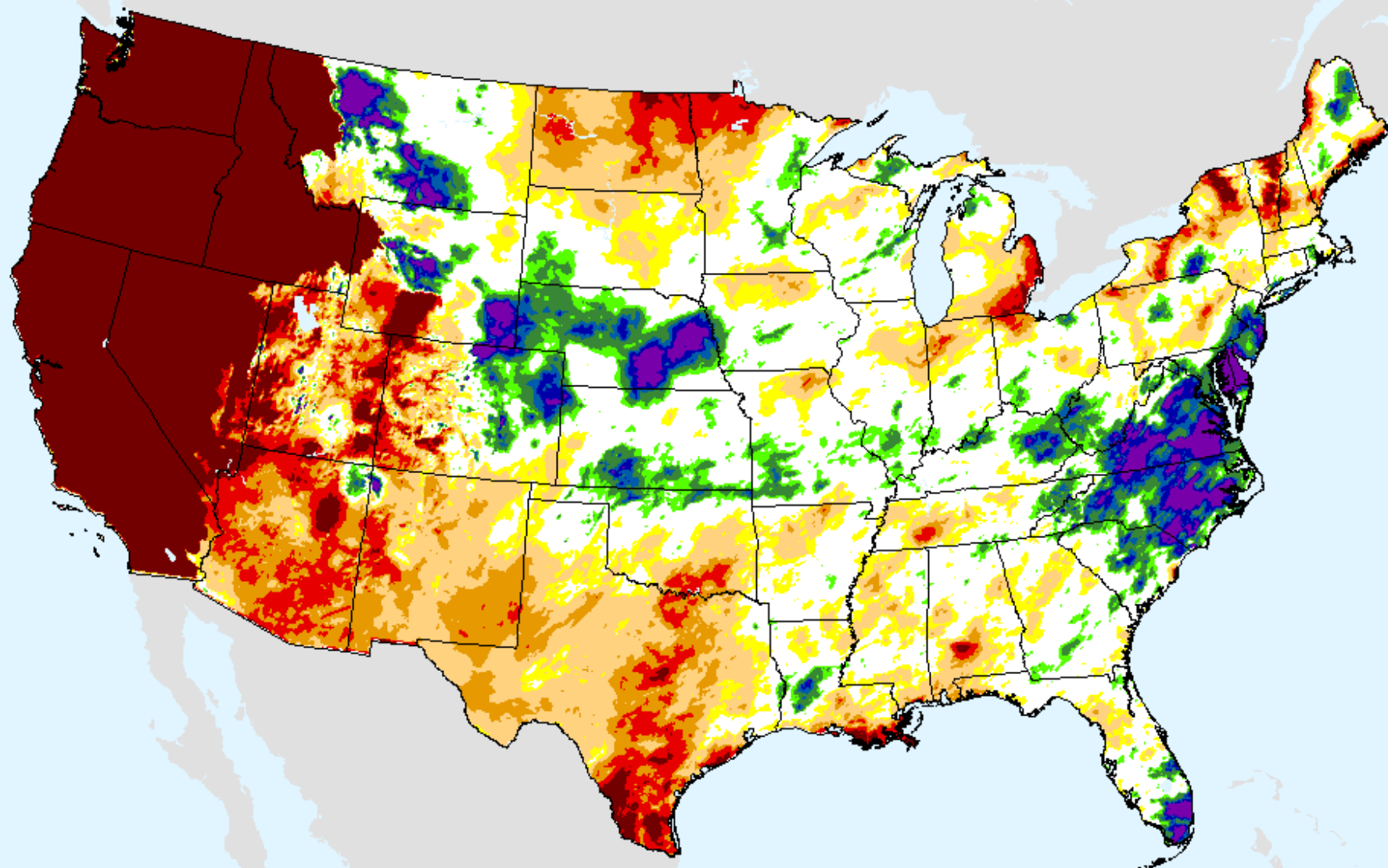


USDM for: Mar. 16, 2021

SPI (USDM)

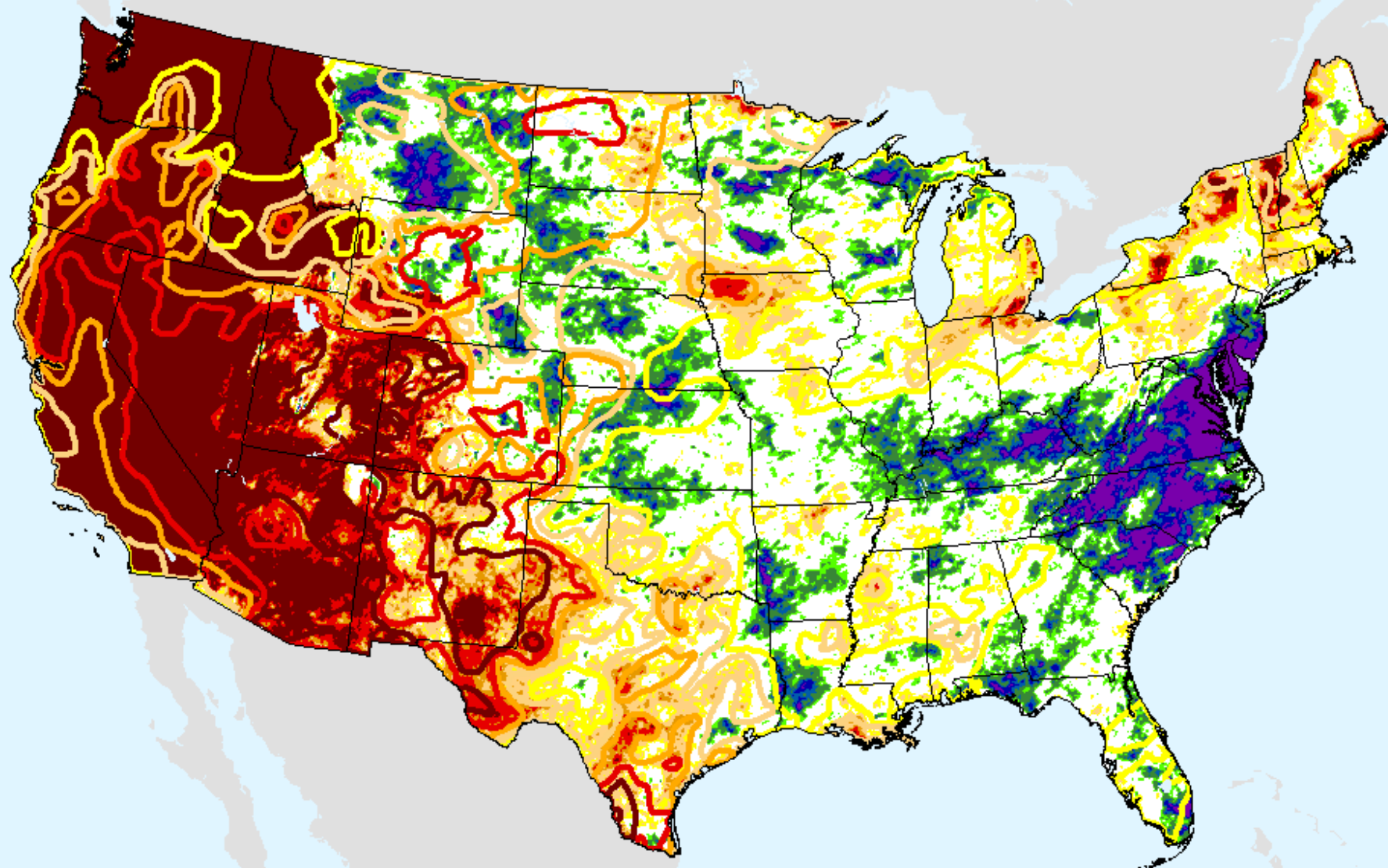
# AHPS 6-month SPI

As of: Tuesday, March 23, 2021



# AHPS 9-month SPI

As of: Tuesday, March 23, 2021

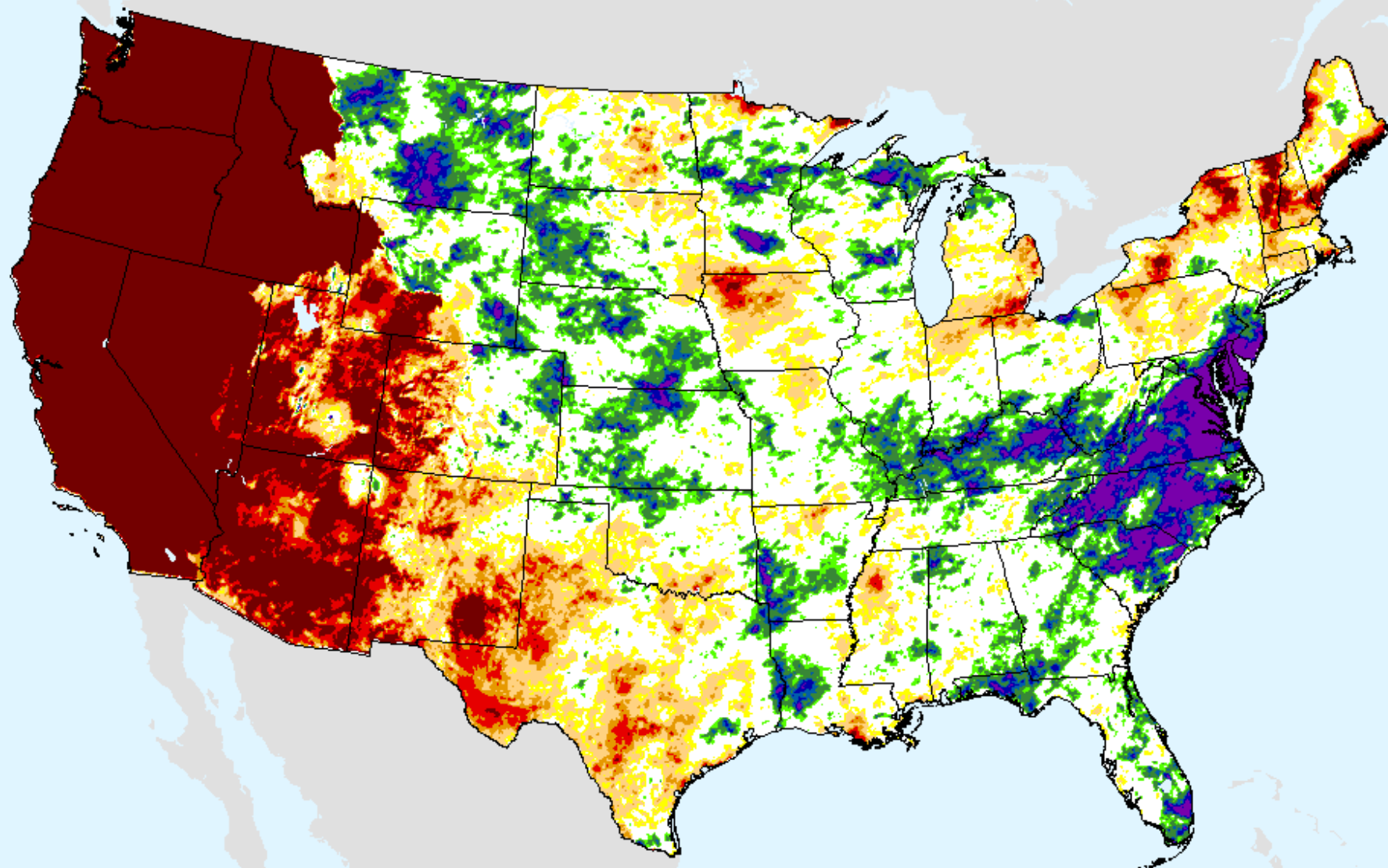


USDM for: Mar. 16, 2021

SPI (USDM)

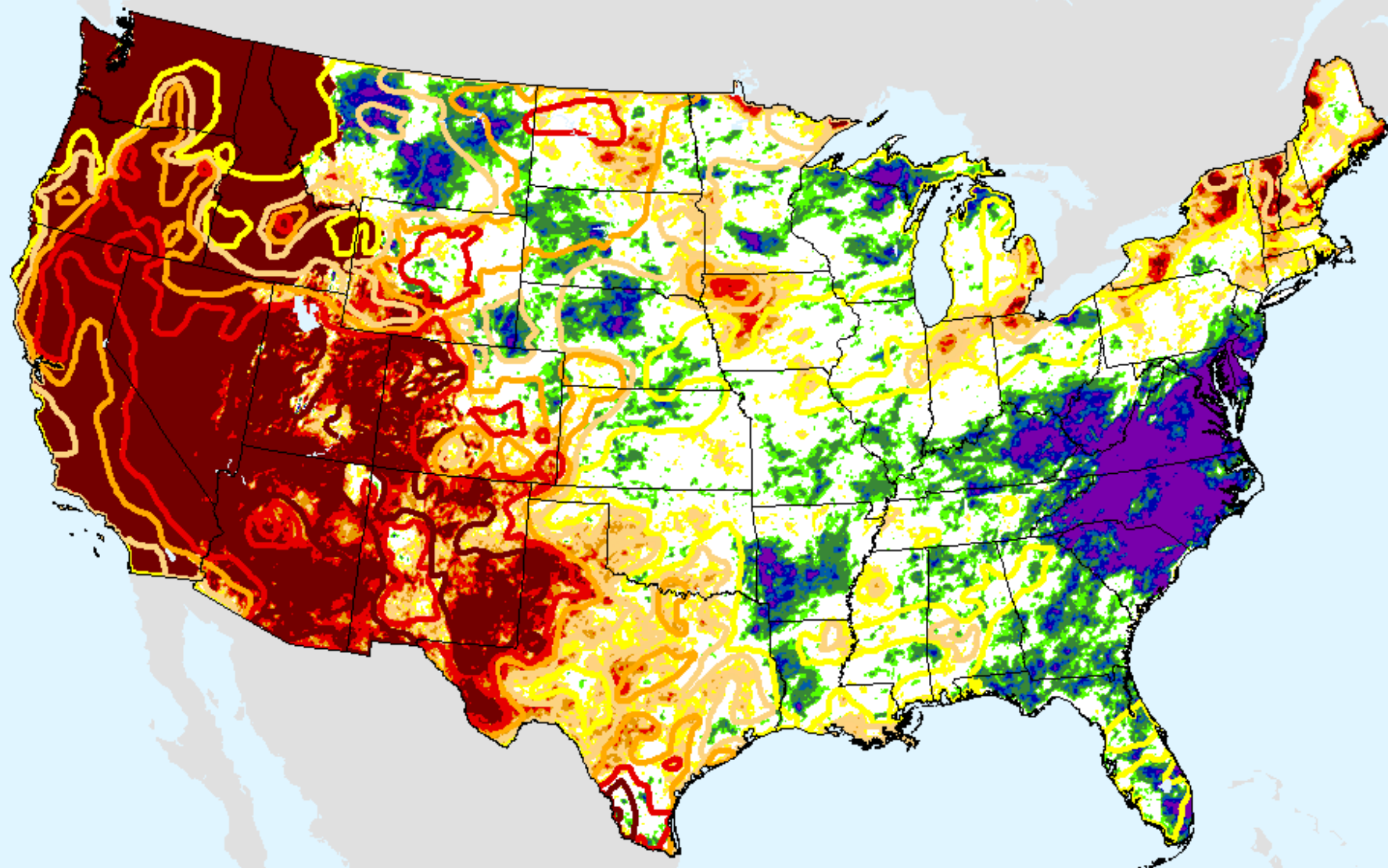
# AHPS 9-month SPI

As of: Tuesday, March 23, 2021



# AHPS 12-month SPI

As of: Tuesday, March 23, 2021

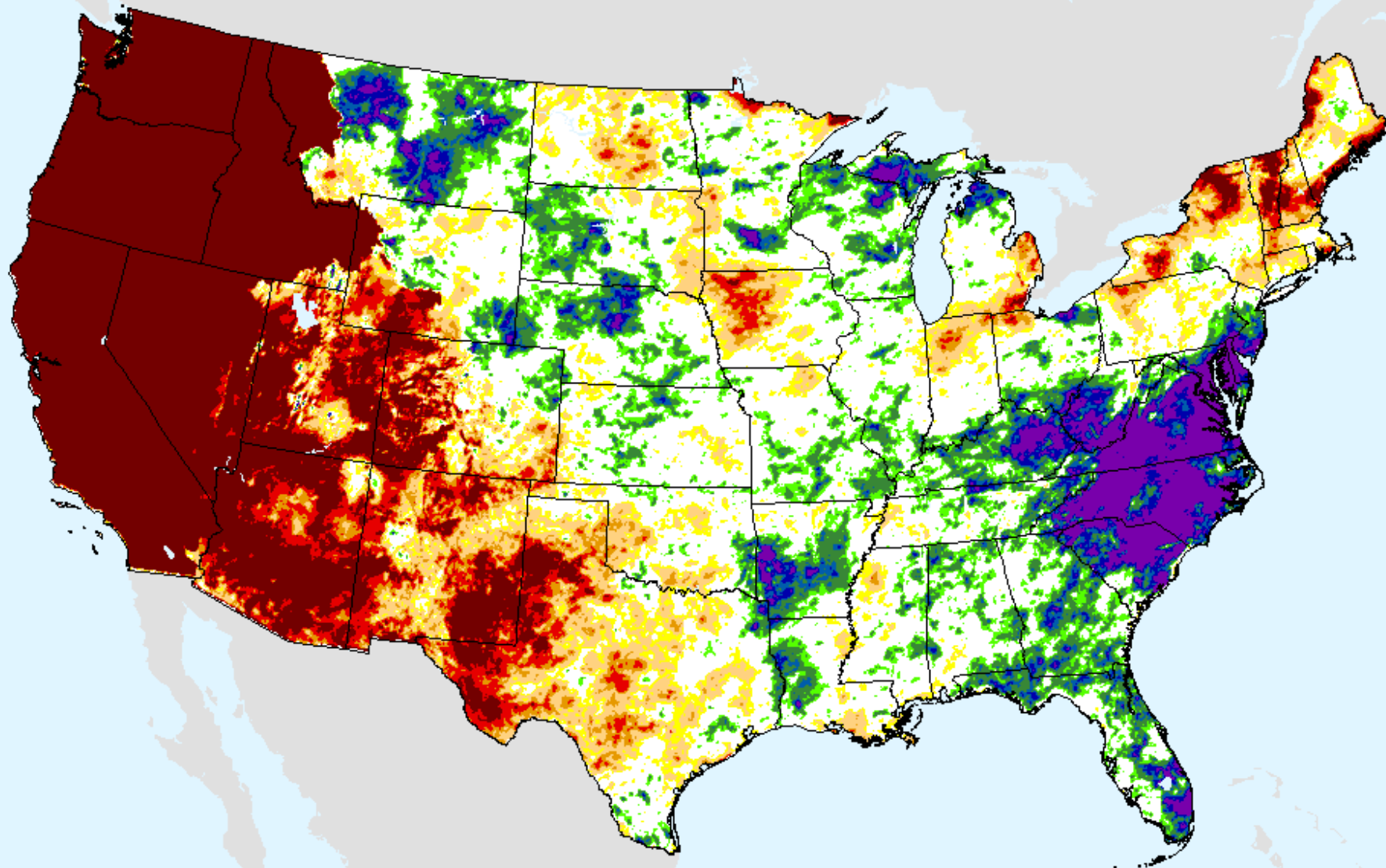


USDM for: Mar. 16, 2021

SPI (USDM)

# AHPS 12-month SPI

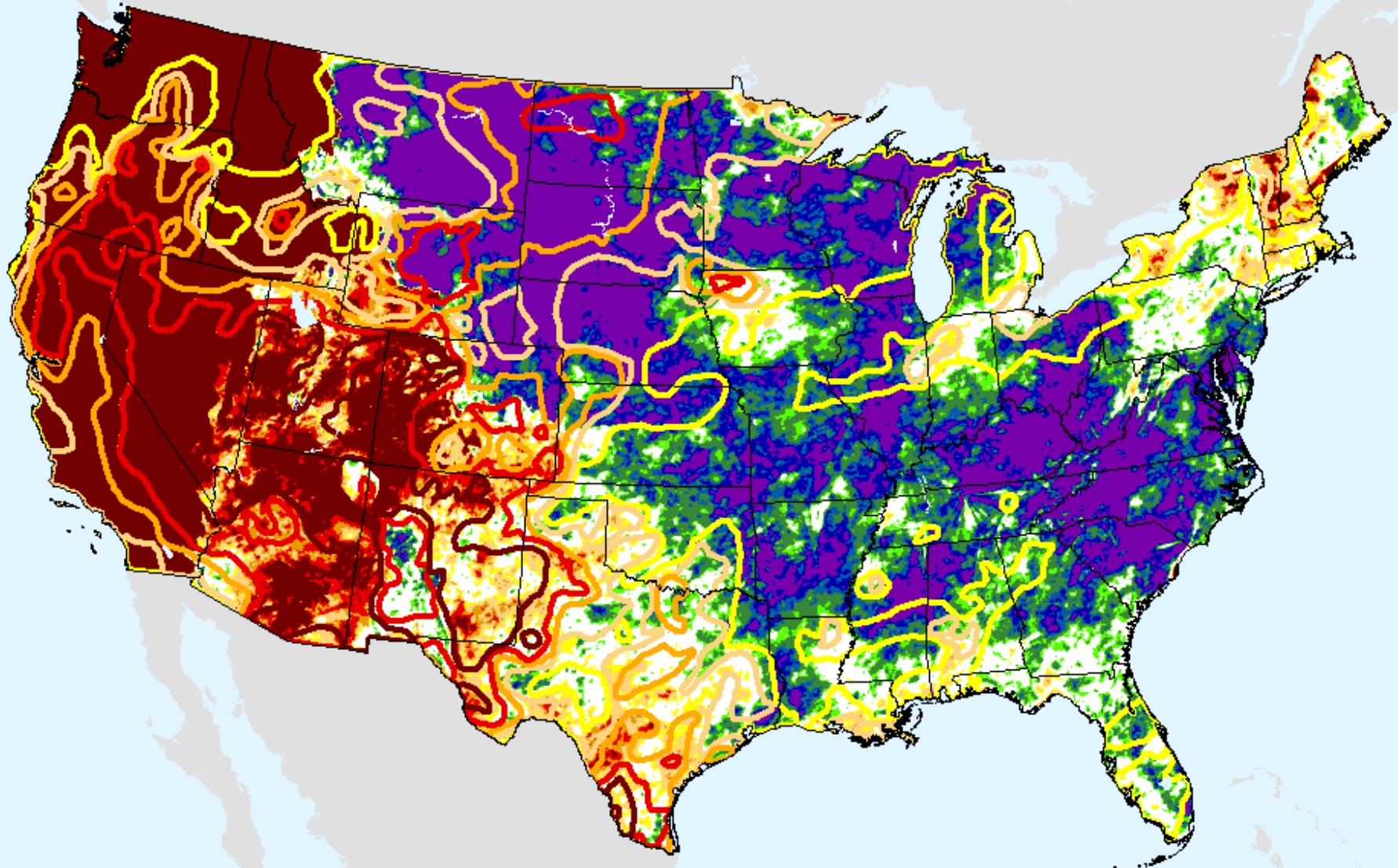
As of: Tuesday, March 23, 2021





# AHPS 24-month SPI

As of: Tuesday, March 23, 2021

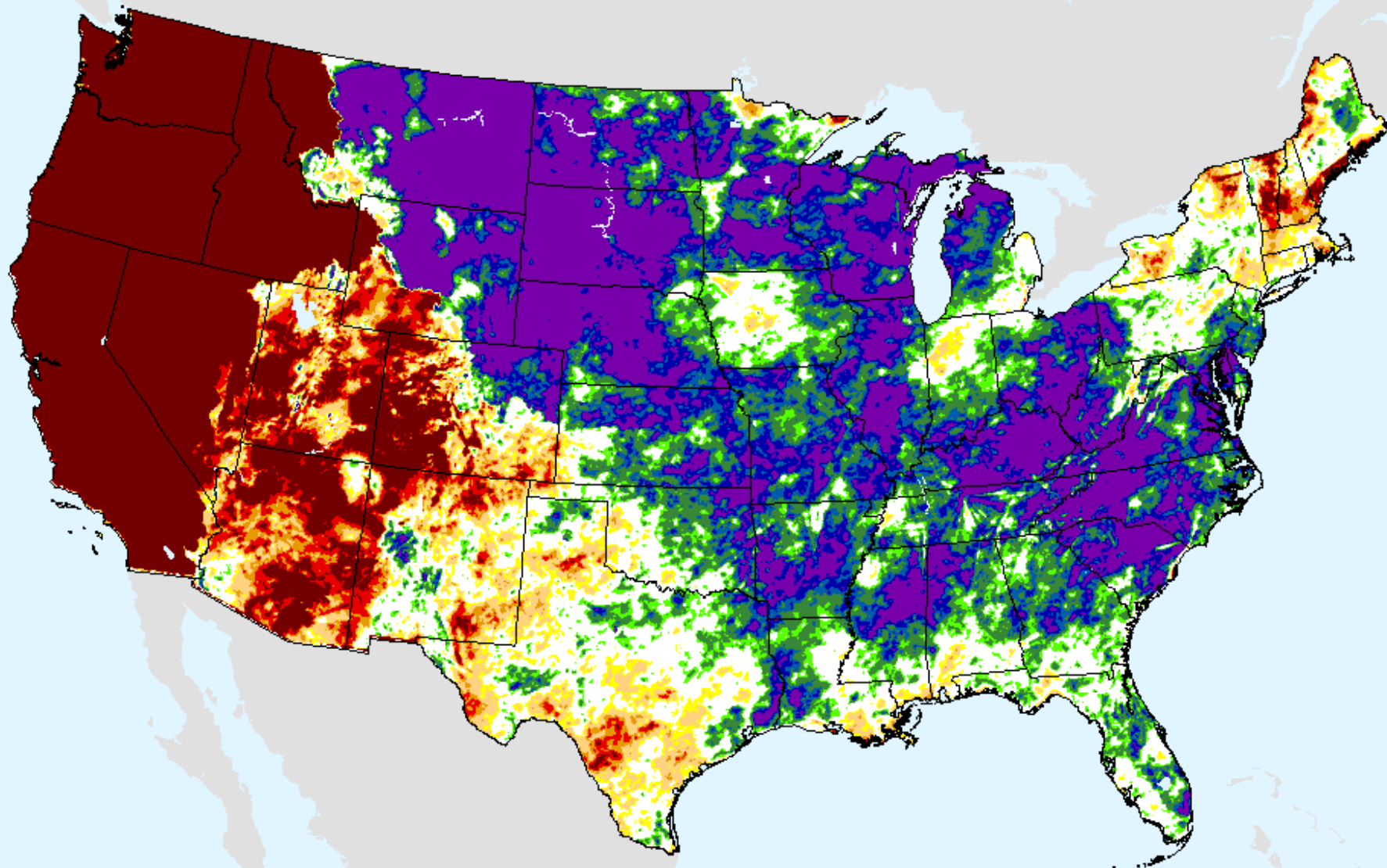


USDM for: Mar. 16, 2021

SPI (USDM)

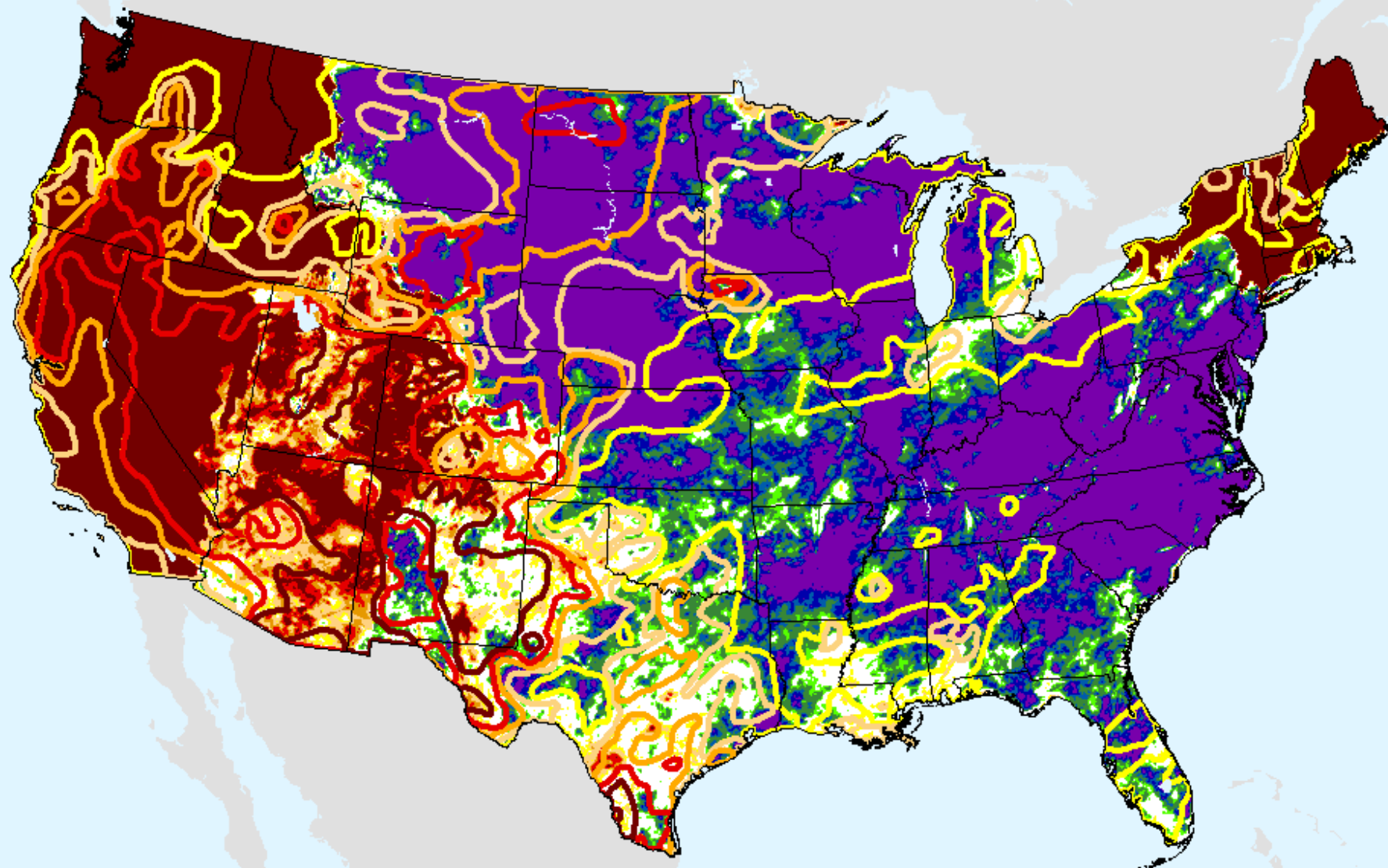
# AHPS 24-month SPI

As of: Tuesday, March 23, 2021



# AHPS 36-month SPI

As of: Tuesday, March 23, 2021

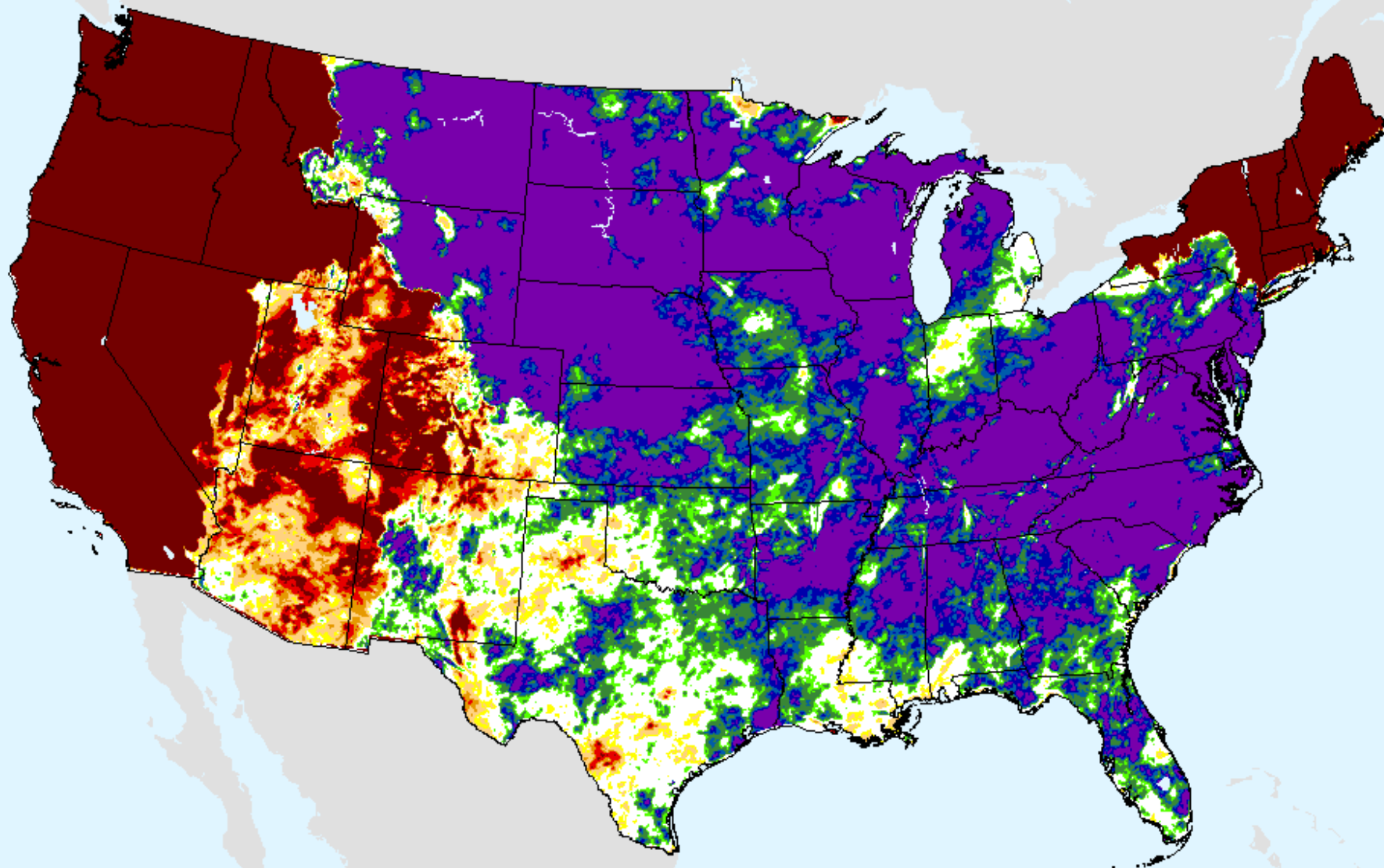


USDM for: Mar. 16, 2021

SPI (USDM)

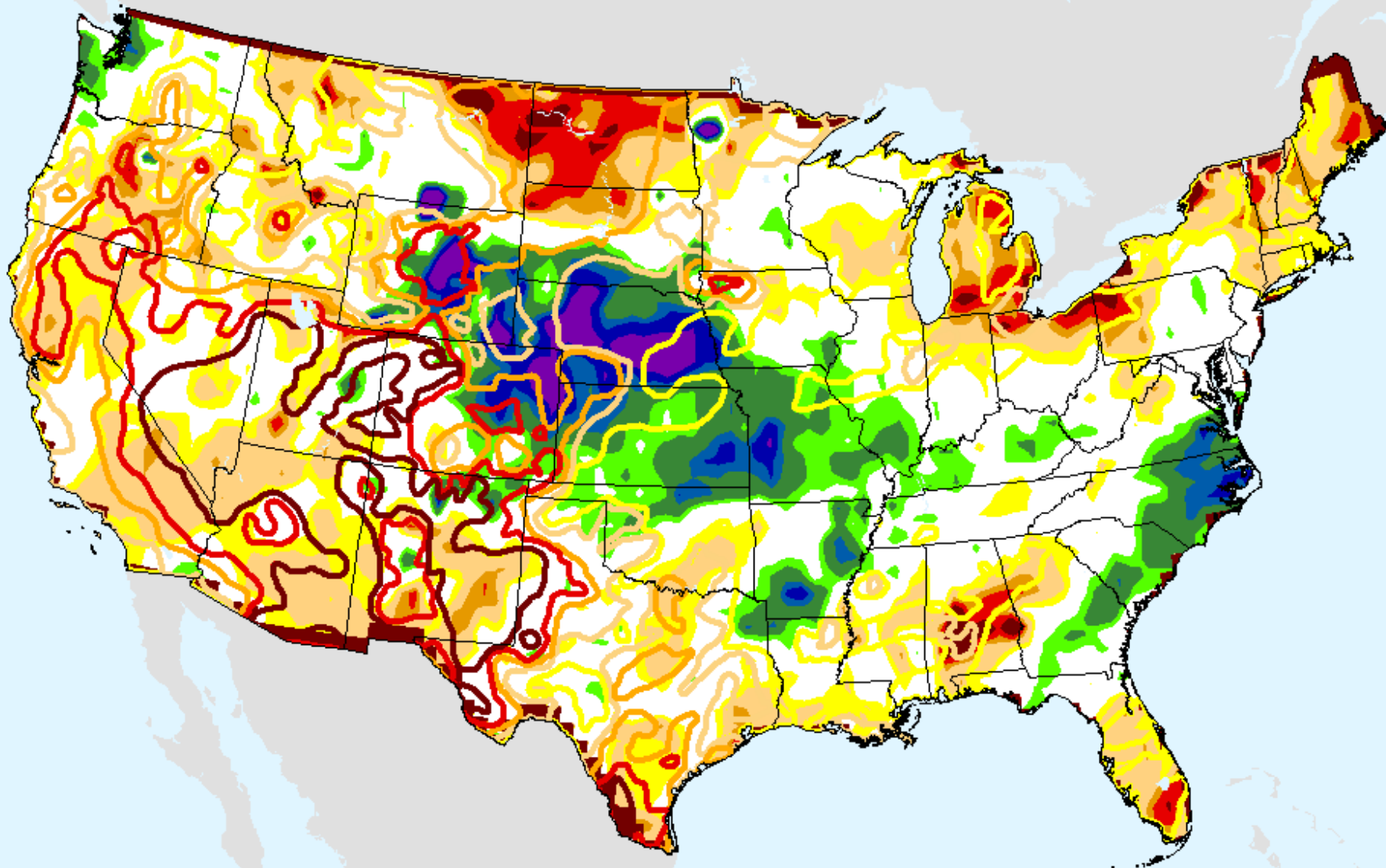
# AHPS 36-month SPI

As of: Tuesday, March 23, 2021



# CPC 3-month SPI

As of: Tuesday, March 23, 2021

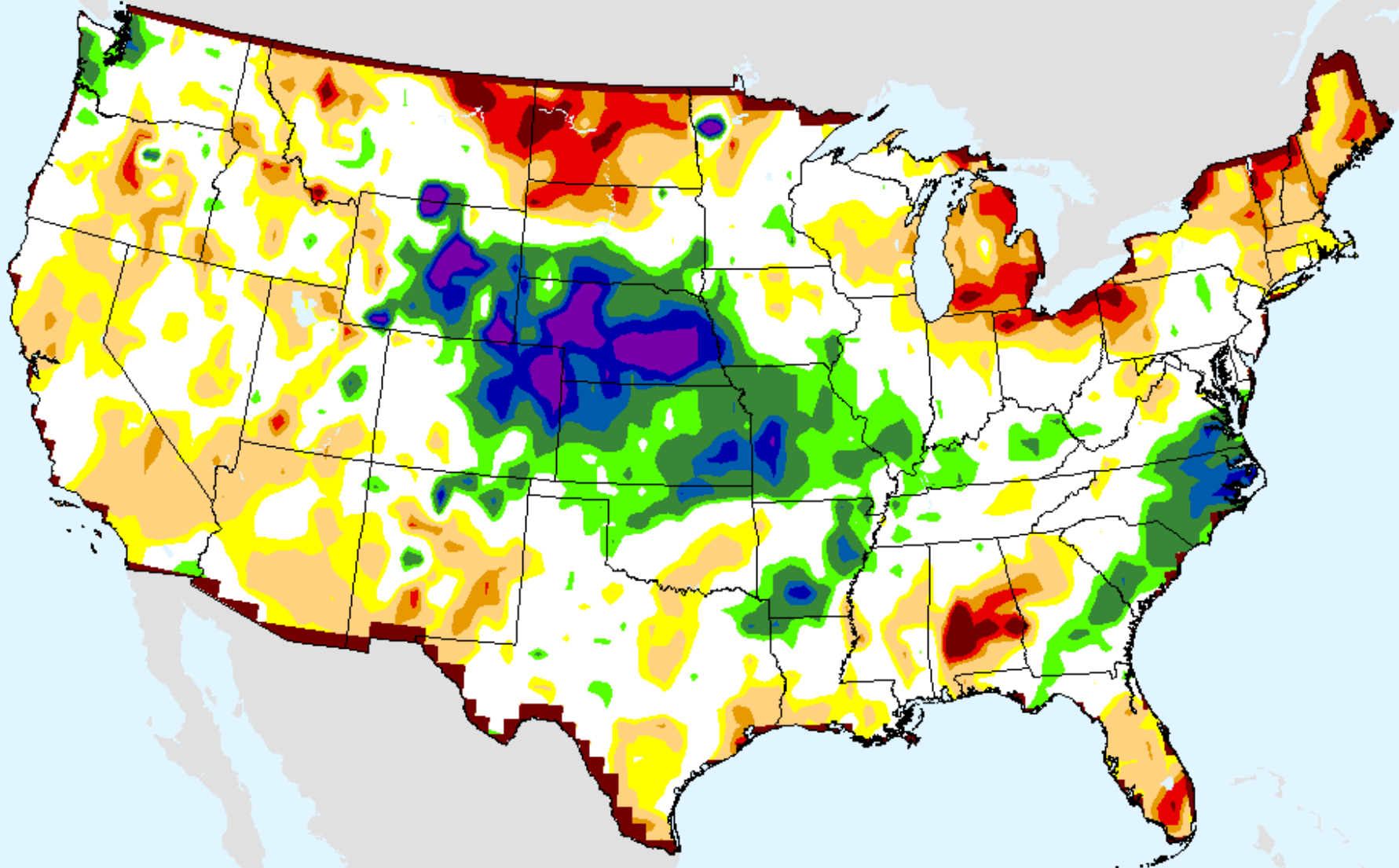


USDM for: Mar. 16, 2021

SPI (USDM)

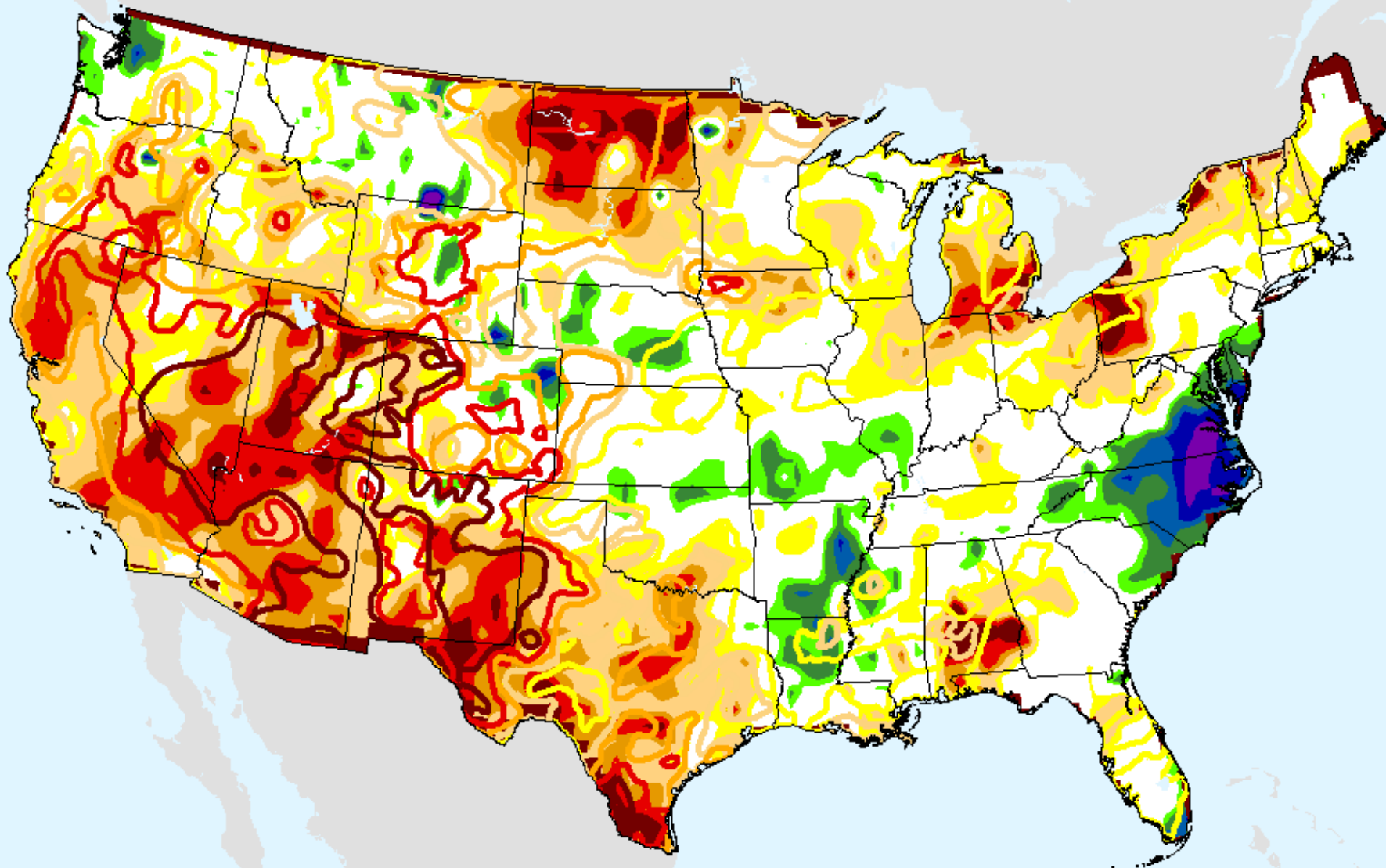
# CPC 3-month SPI

As of: Tuesday, March 23, 2021



# CPC 6-month SPI

As of: Tuesday, March 23, 2021

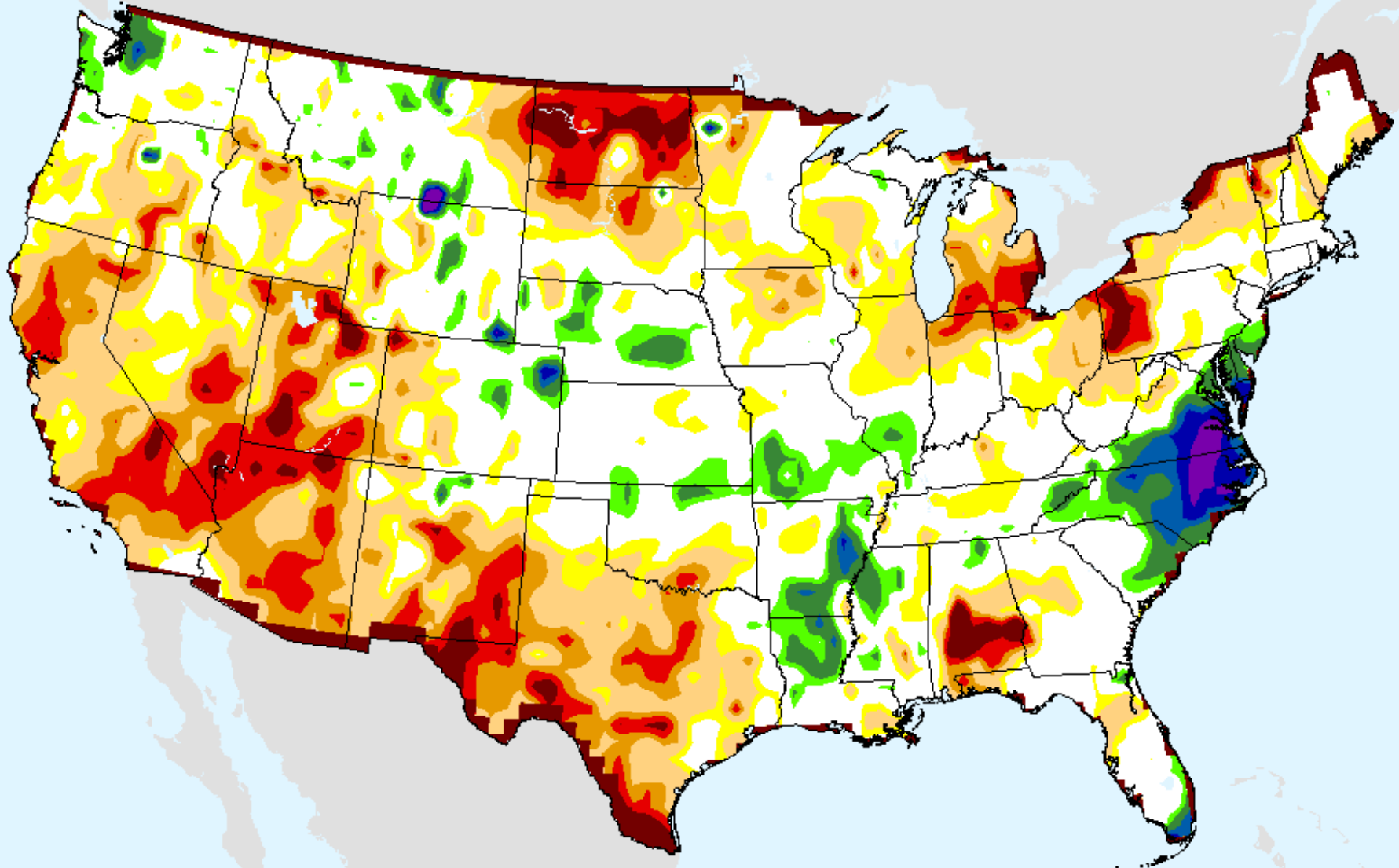


USDM for: Mar. 16, 2021

SPI (USDM)

# CPC 6-month SPI

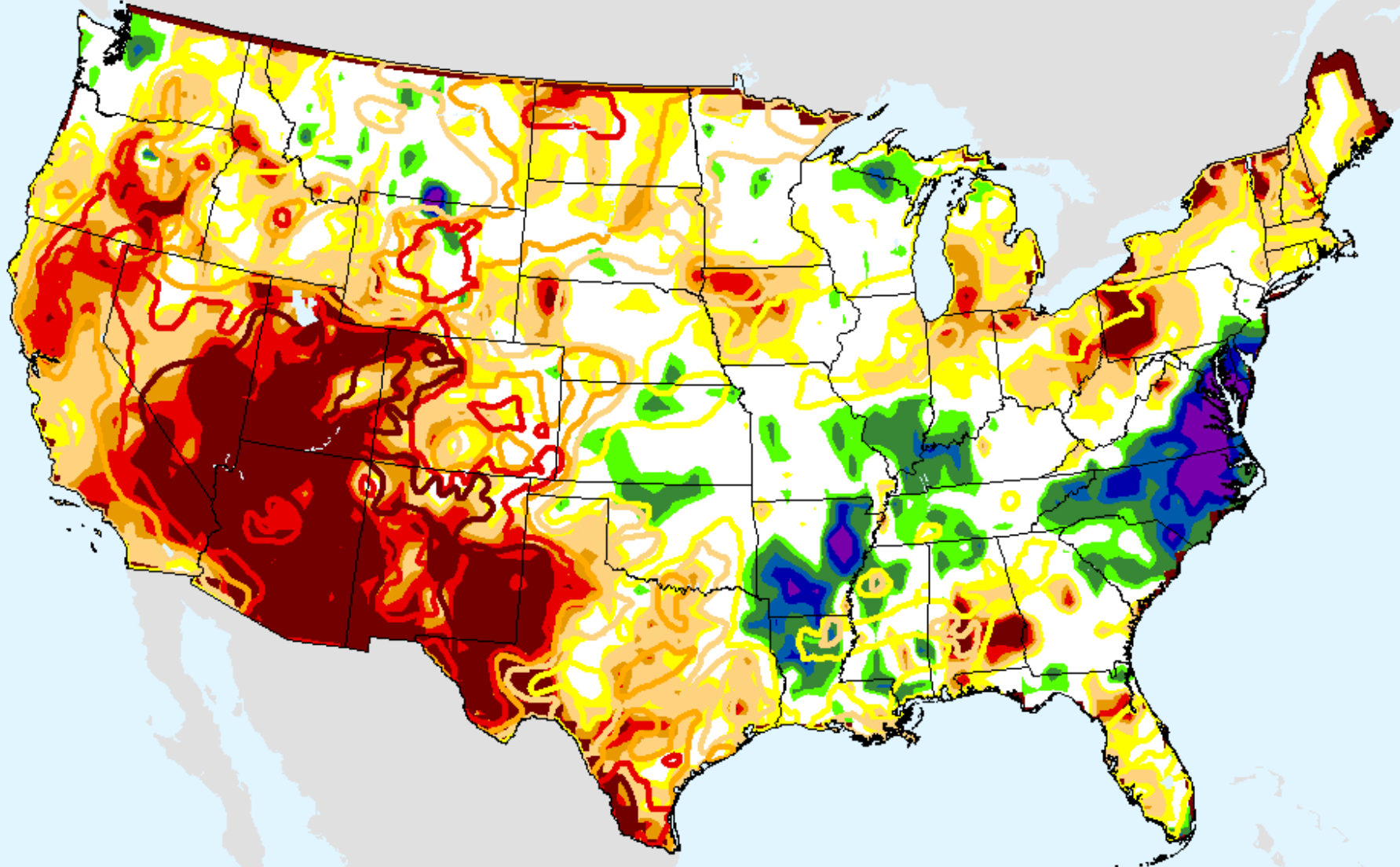
As of: Tuesday, March 23, 2021





# CPC 9-month SPI

As of: Tuesday, March 23, 2021

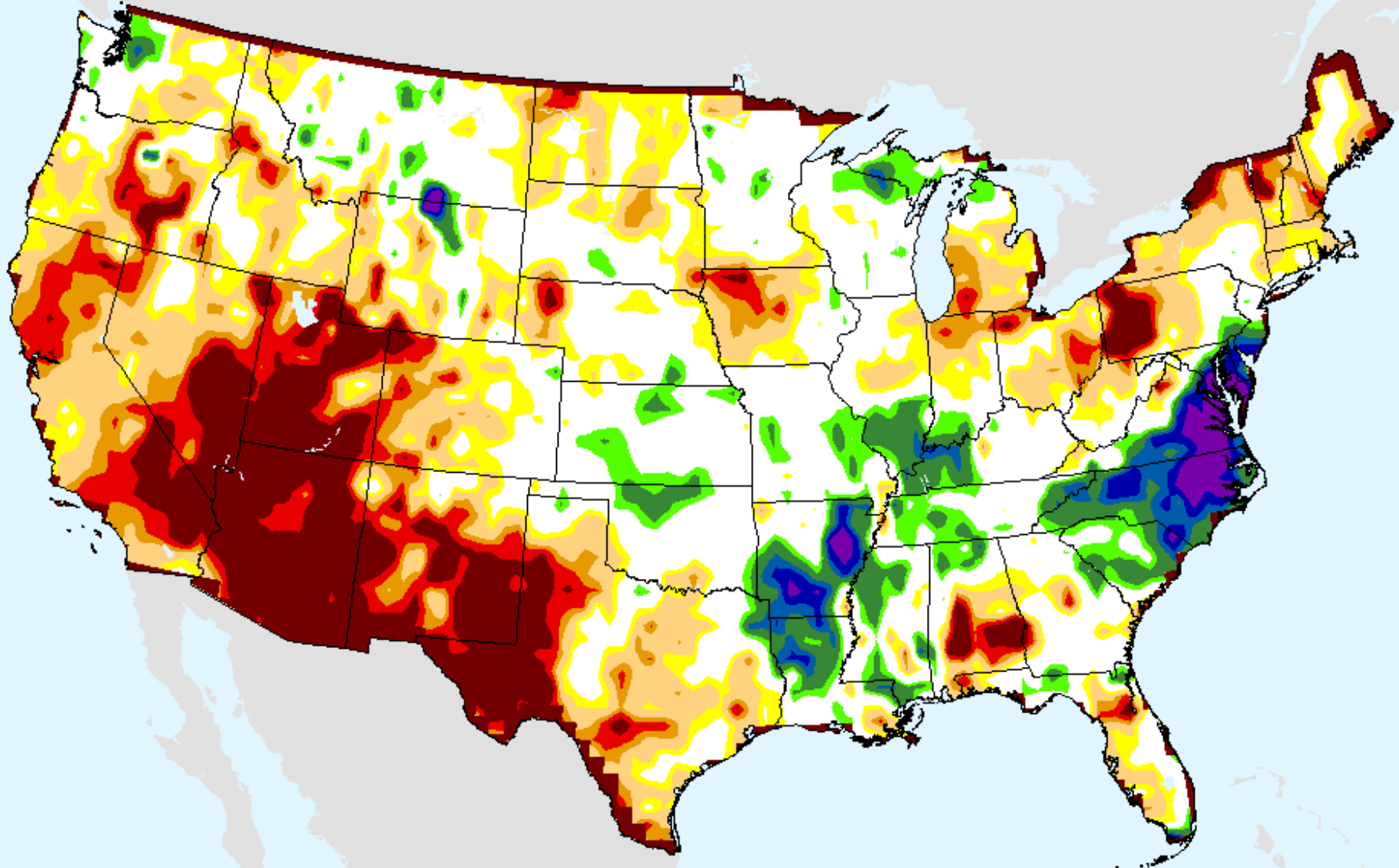


USDM for: Mar. 16, 2021

SPI (USDM)

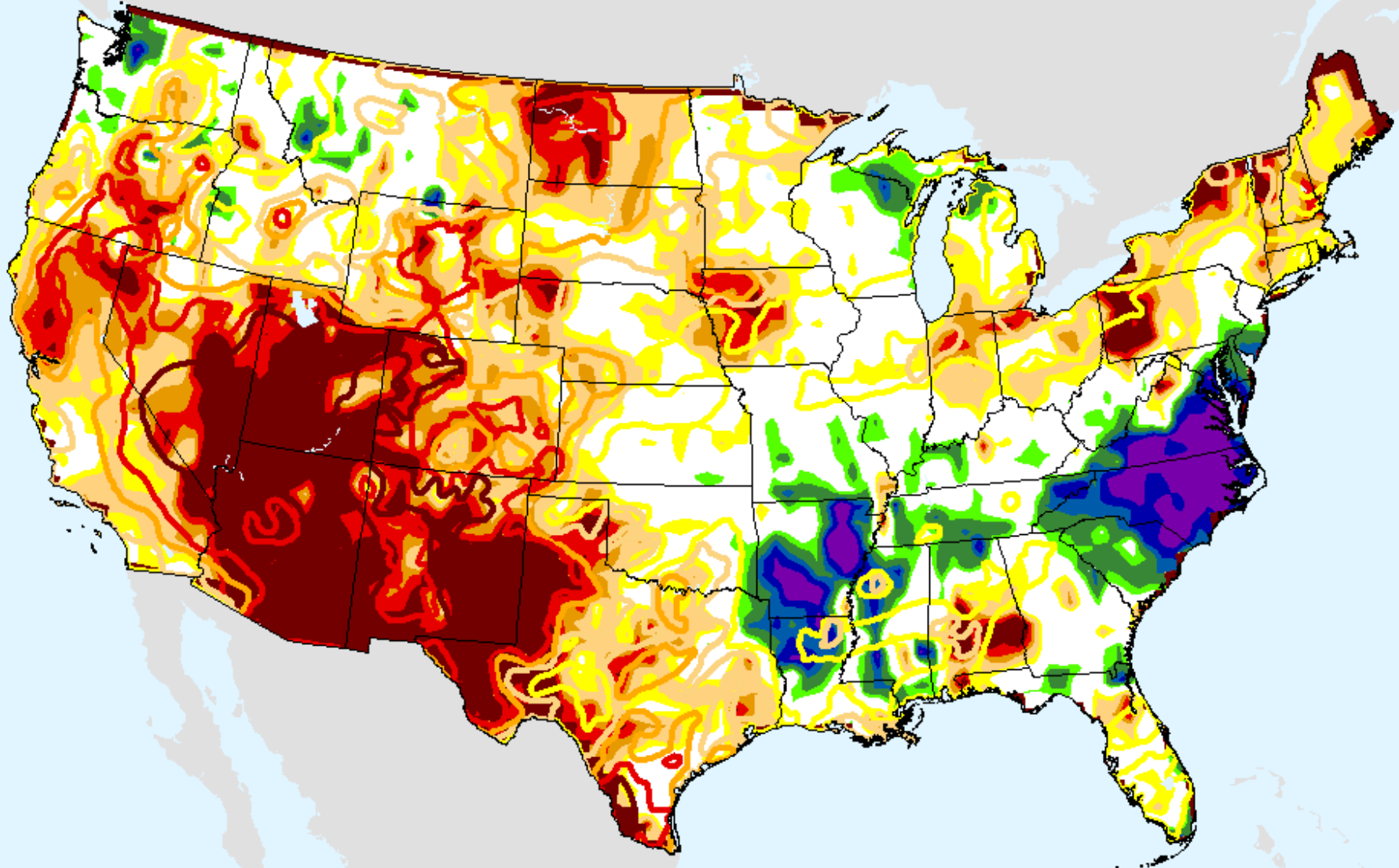
# CPC 9-month SPI

As of: Tuesday, March 23, 2021



# CPC 12-month SPI

As of: Tuesday, March 23, 2021

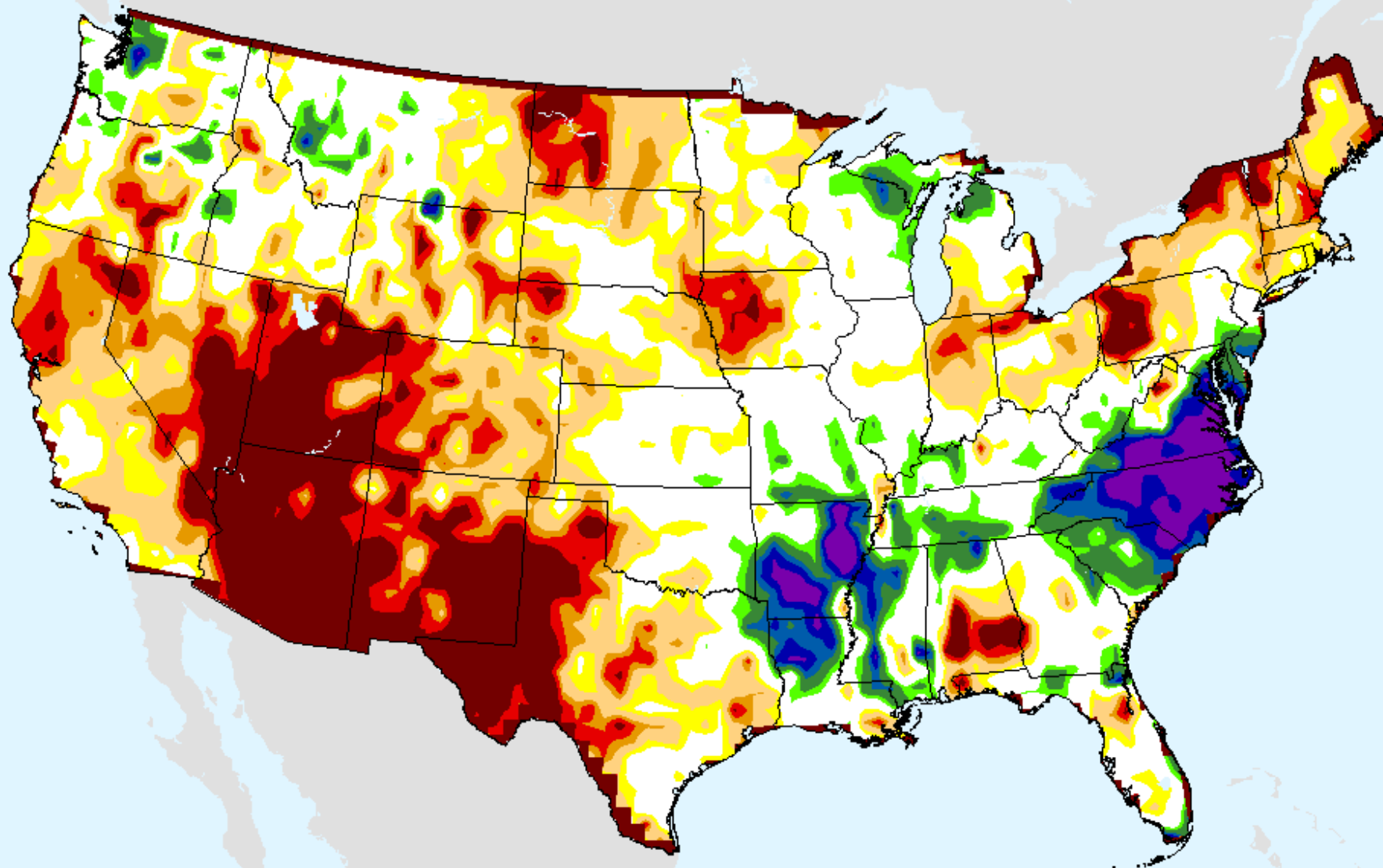


USDM for: Mar. 16, 2021

SPI (USDM)

# CPC 12-month SPI

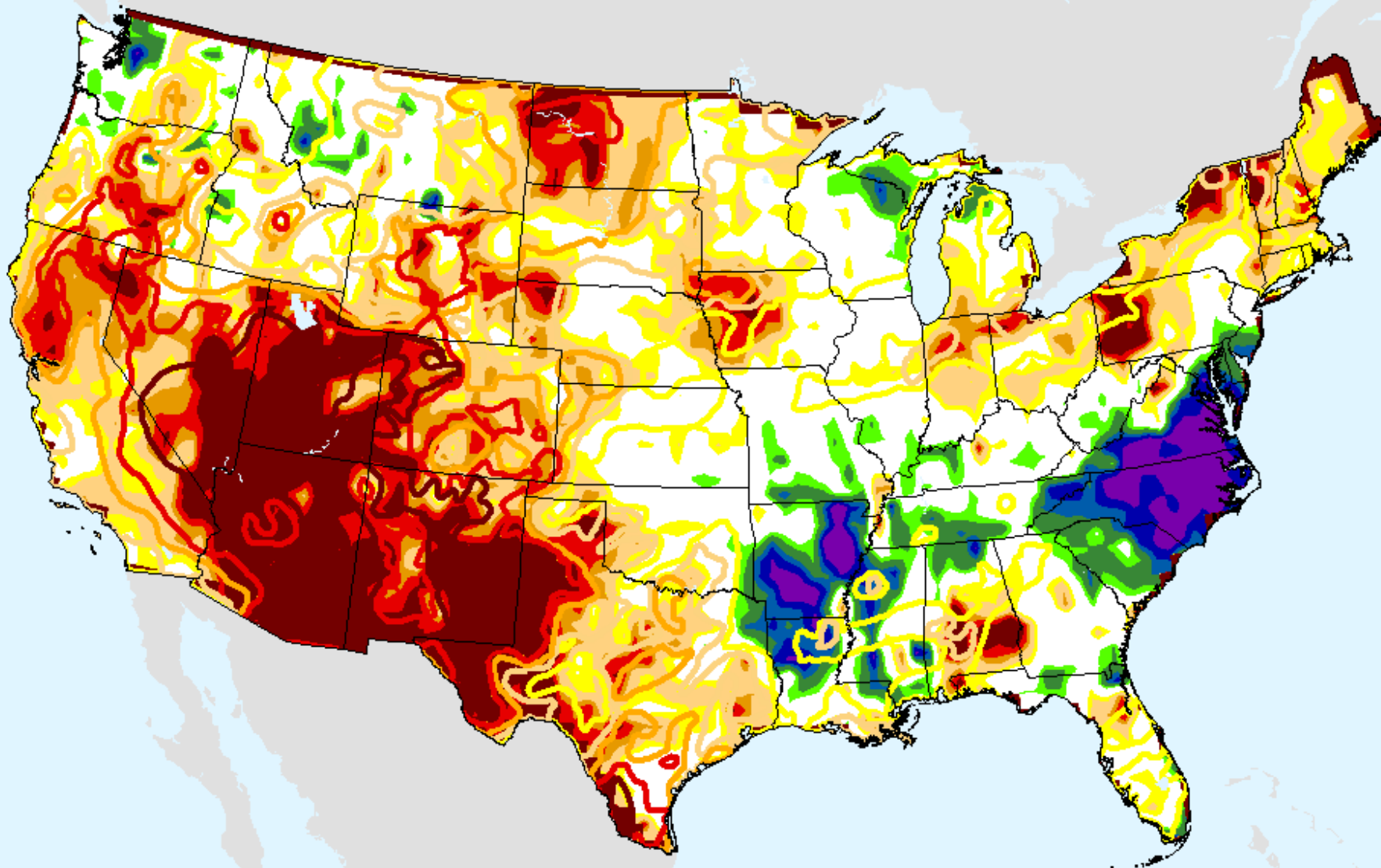
As of: Tuesday, March 23, 2021



SPI (USDM)

# CPC 24-month SPI

As of: Tuesday, March 23, 2021

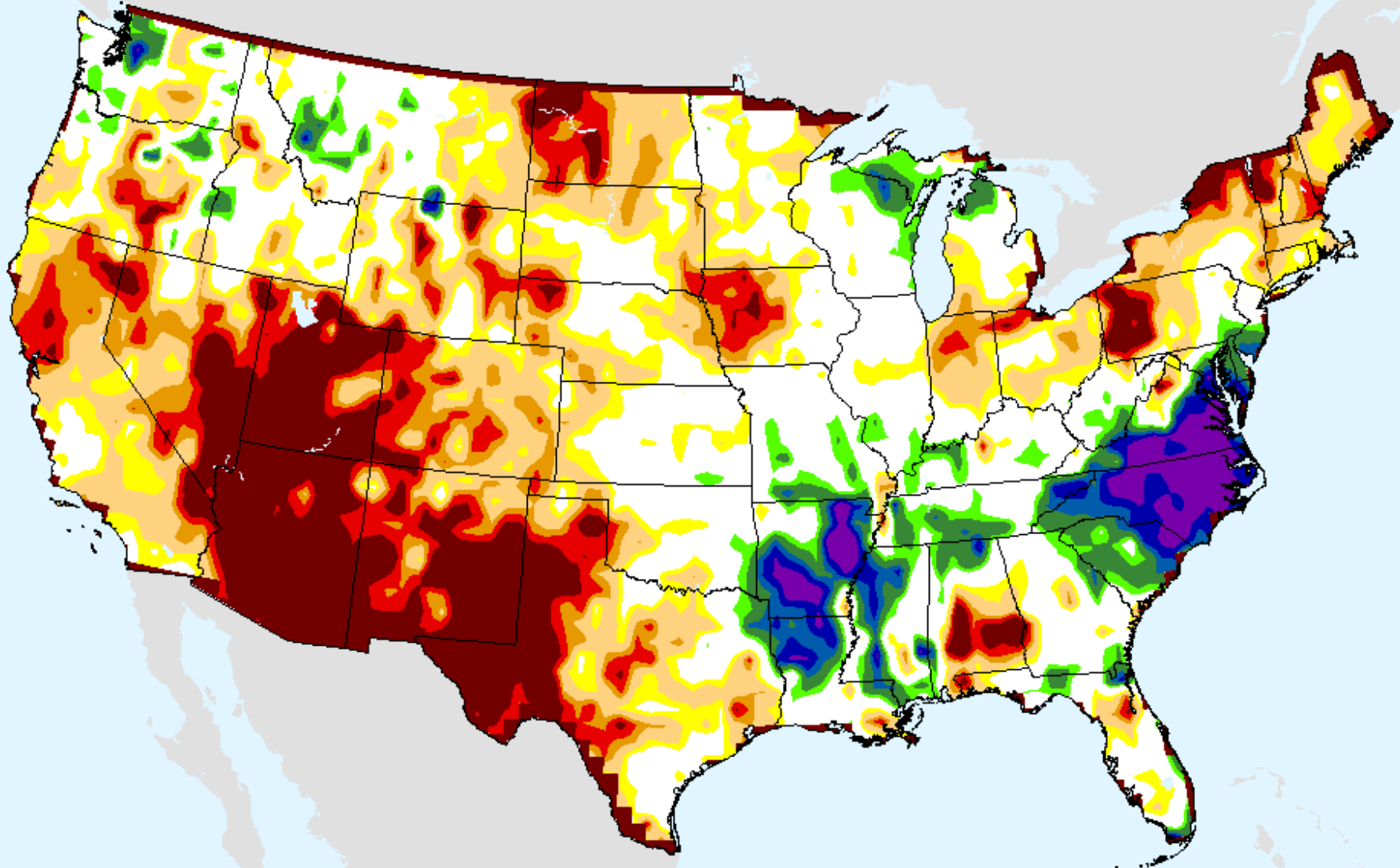


USDM for: Mar. 16, 2021

SPI (USDM)

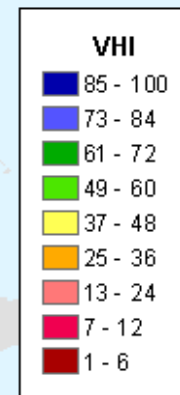
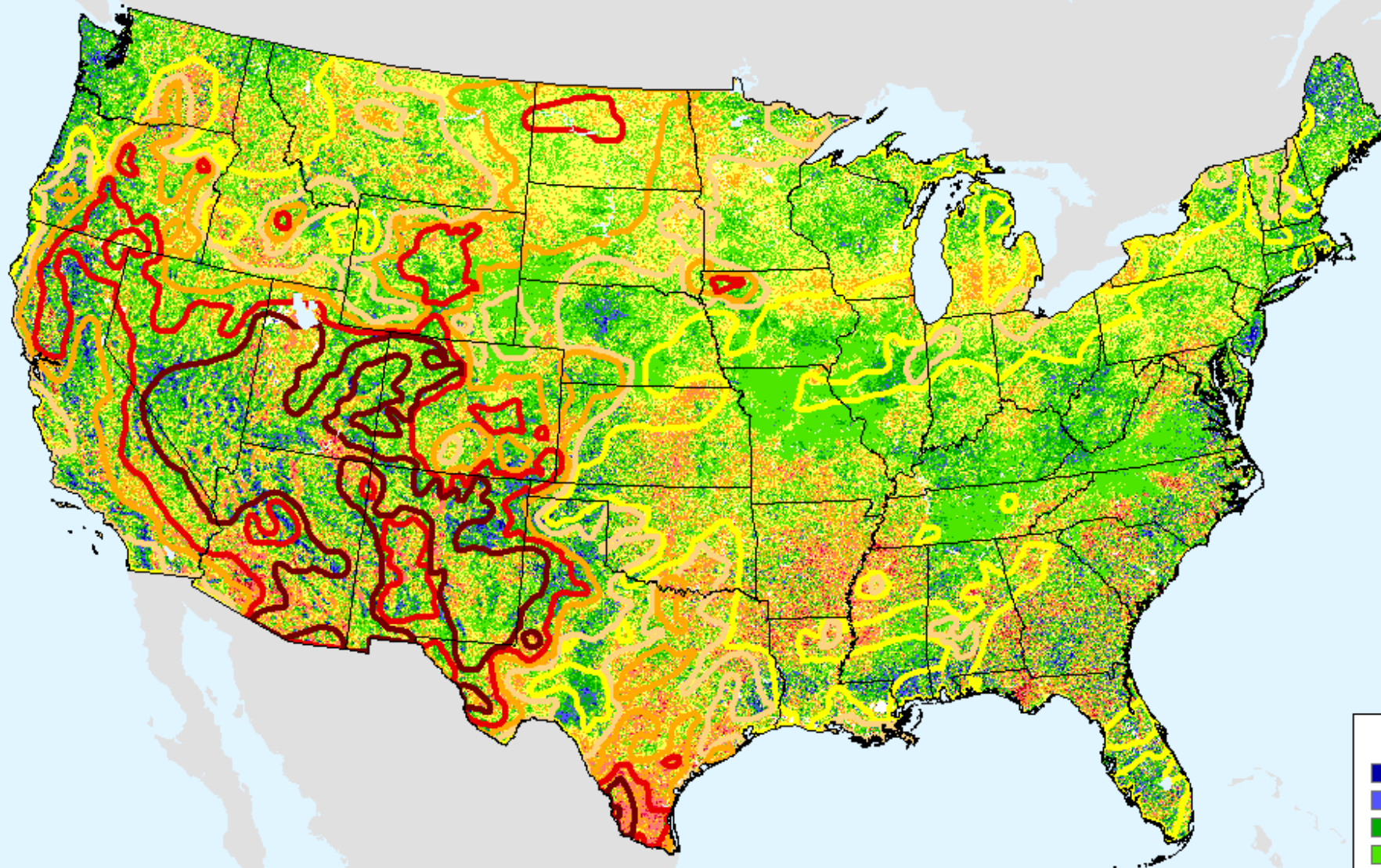
# CPC 24-month SPI

As of: Tuesday, March 23, 2021



# Vegetation Health Index

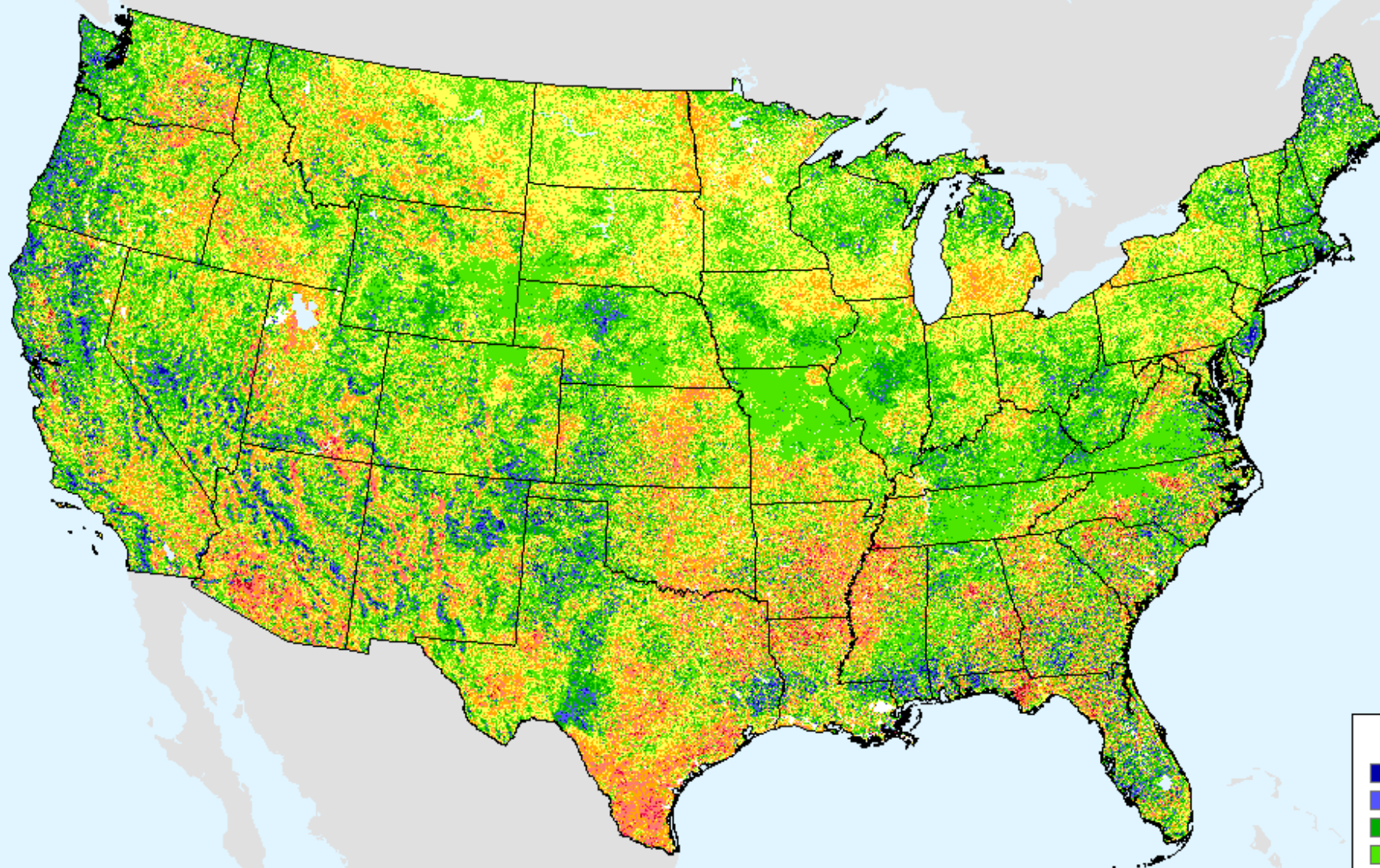
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# Vegetation Health Index

As of: Tuesday, March 23, 2021



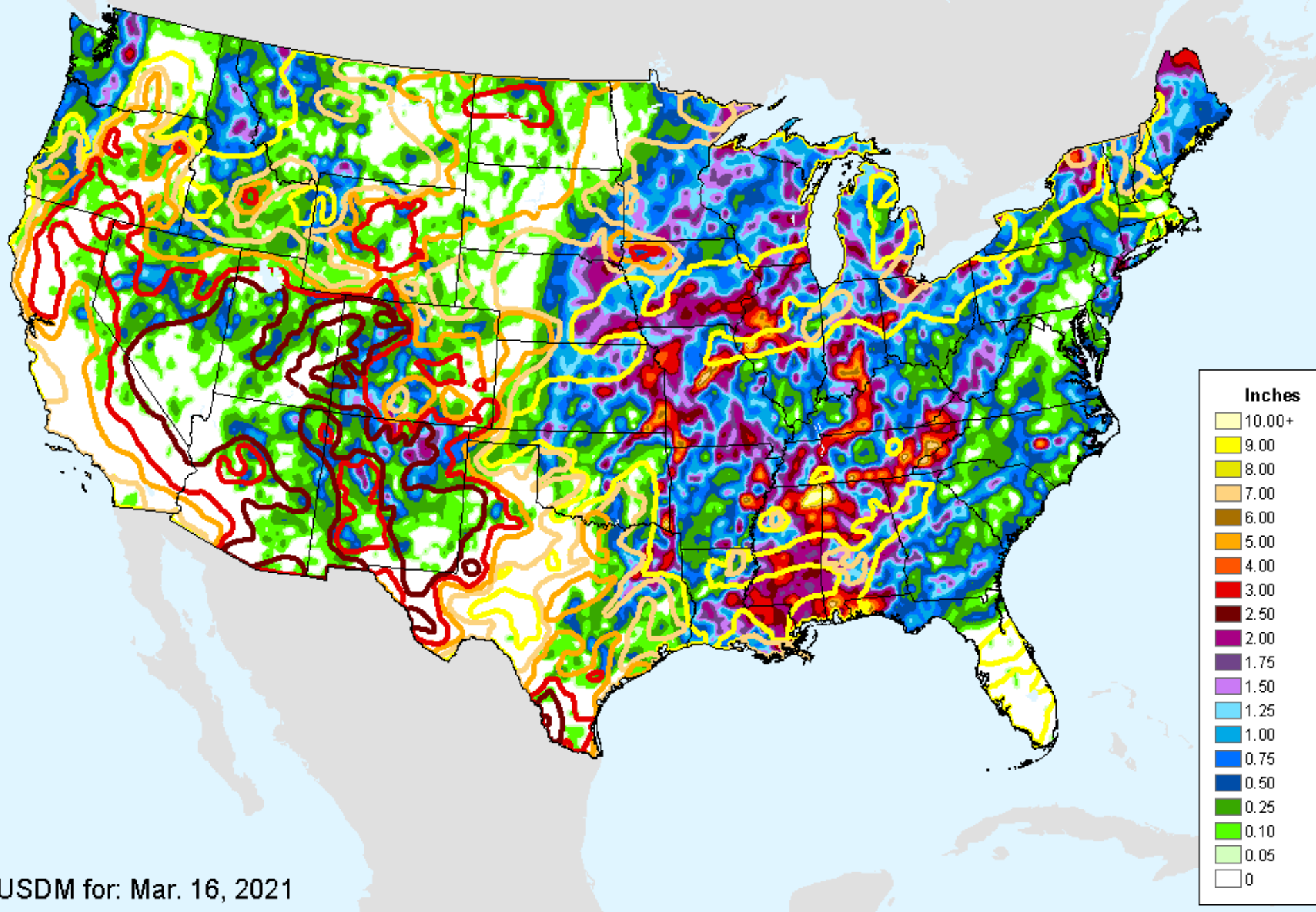
## VHI

- 85 - 100
- 73 - 84
- 61 - 72
- 49 - 60
- 37 - 48
- 25 - 36
- 13 - 24
- 7 - 12
- 1 - 6



# GFS (00z) 7-Day Precip Forecast

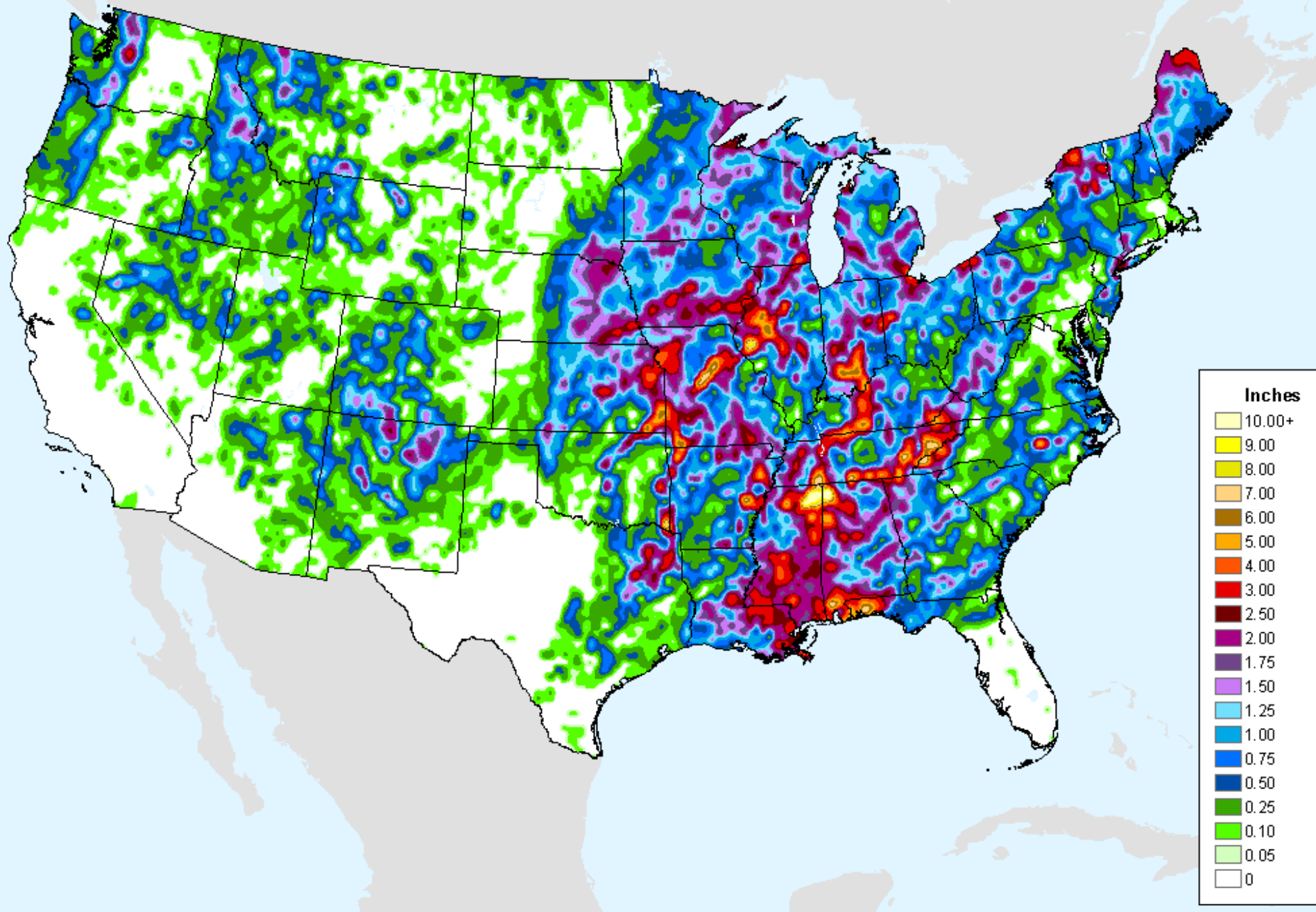
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

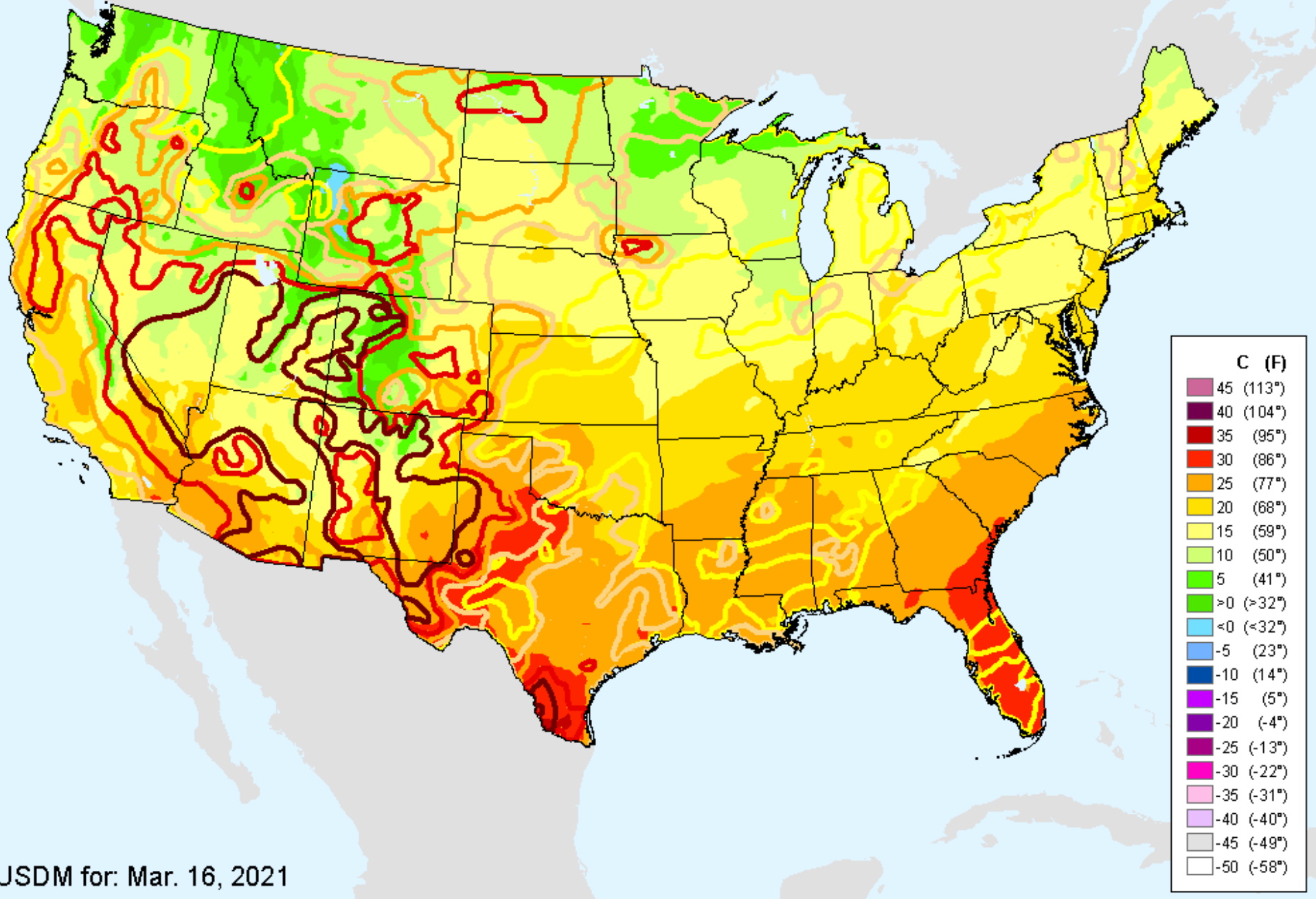
# GFS (00z) 7-Day Precip Forecast

As of: Tuesday, March 23, 2021



# GFS (00z) 7-Day Max Temp Forecast

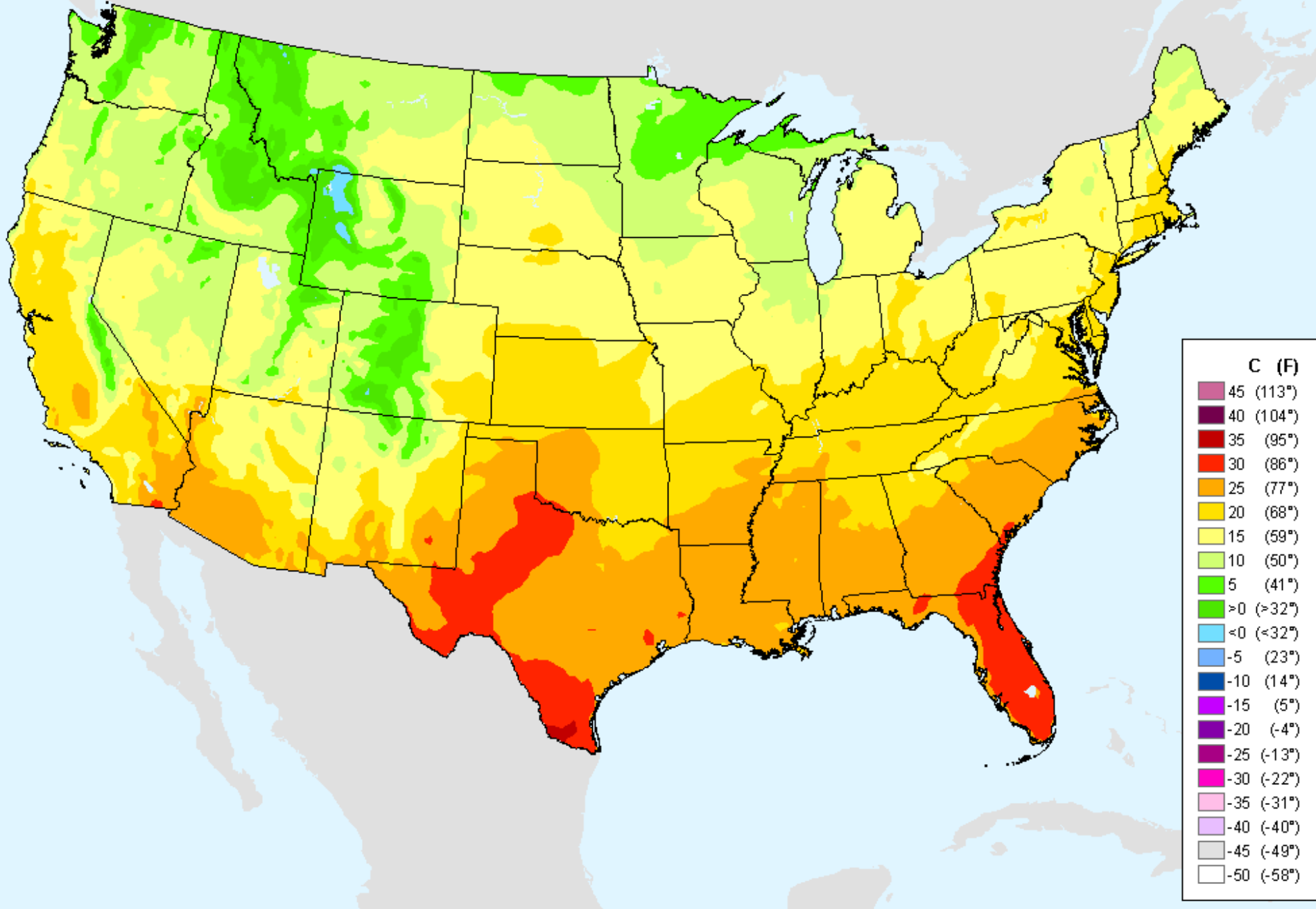
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

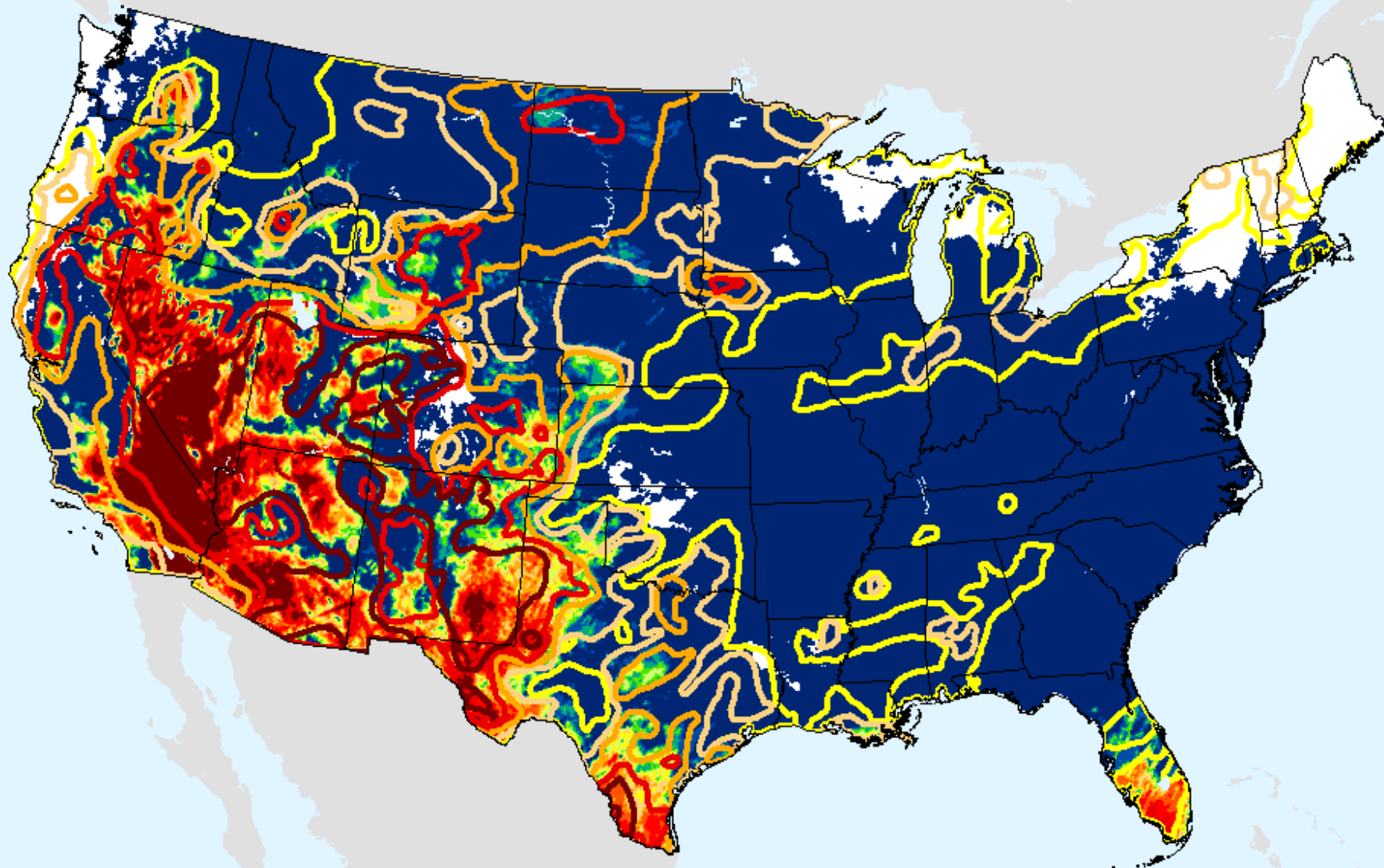
# GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, March 23, 2021



# Keetch-Byram Drought Index (KBDI)

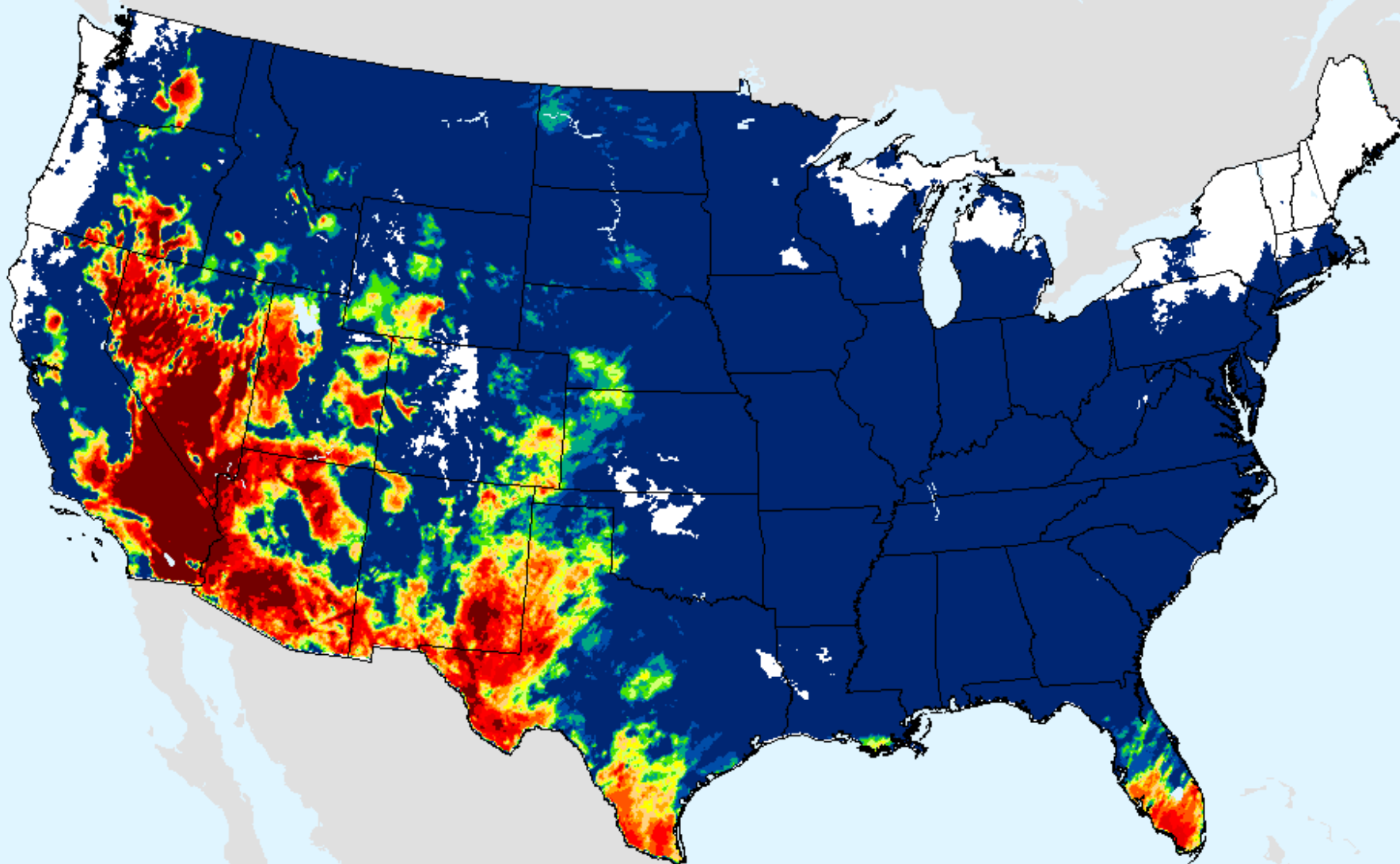
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

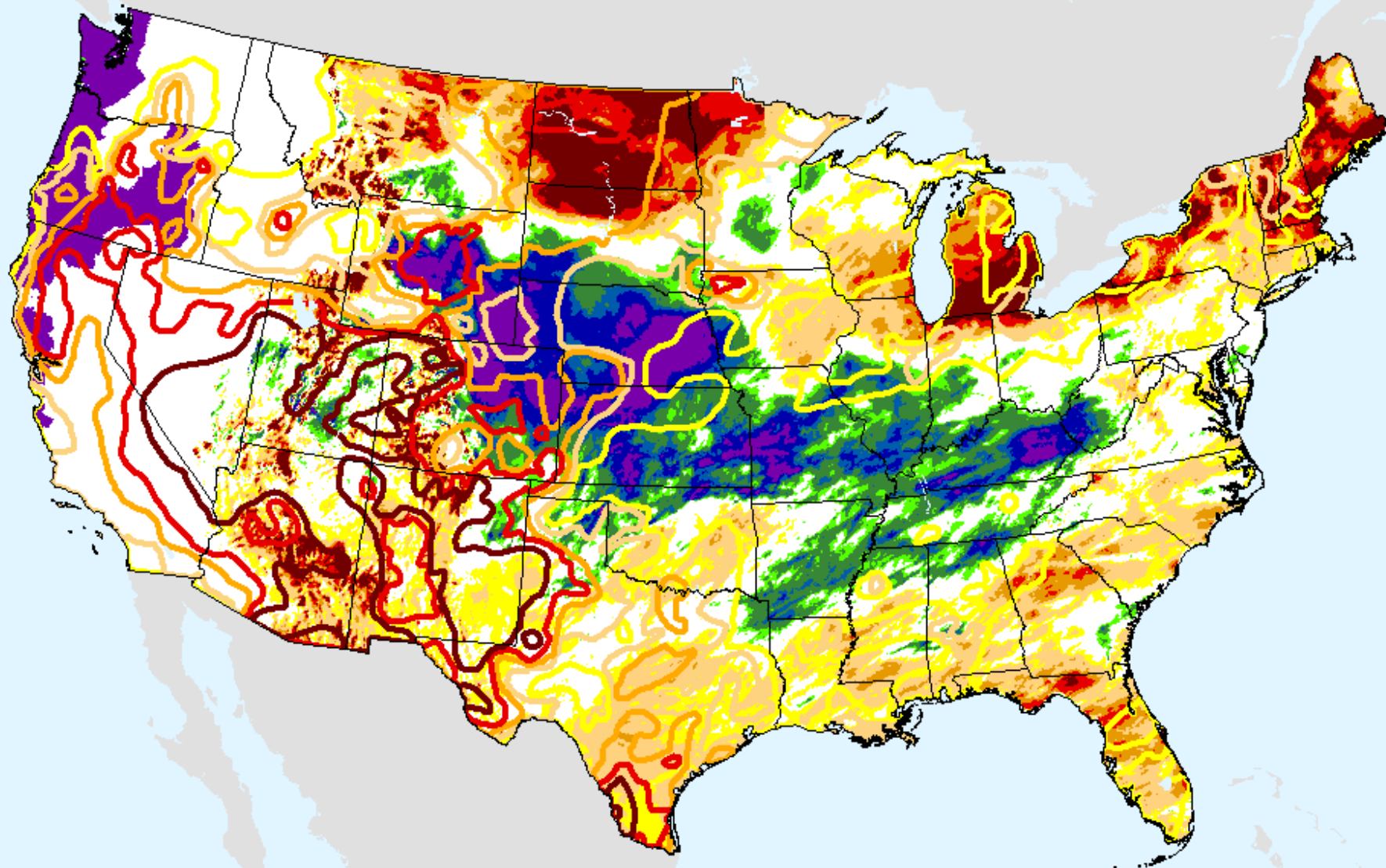
# Keetch-Byram Drought Index (KBDI)

As of: Tuesday, March 23, 2021



# AHPS 1-month SPEI

As of: Tuesday, March 23, 2021

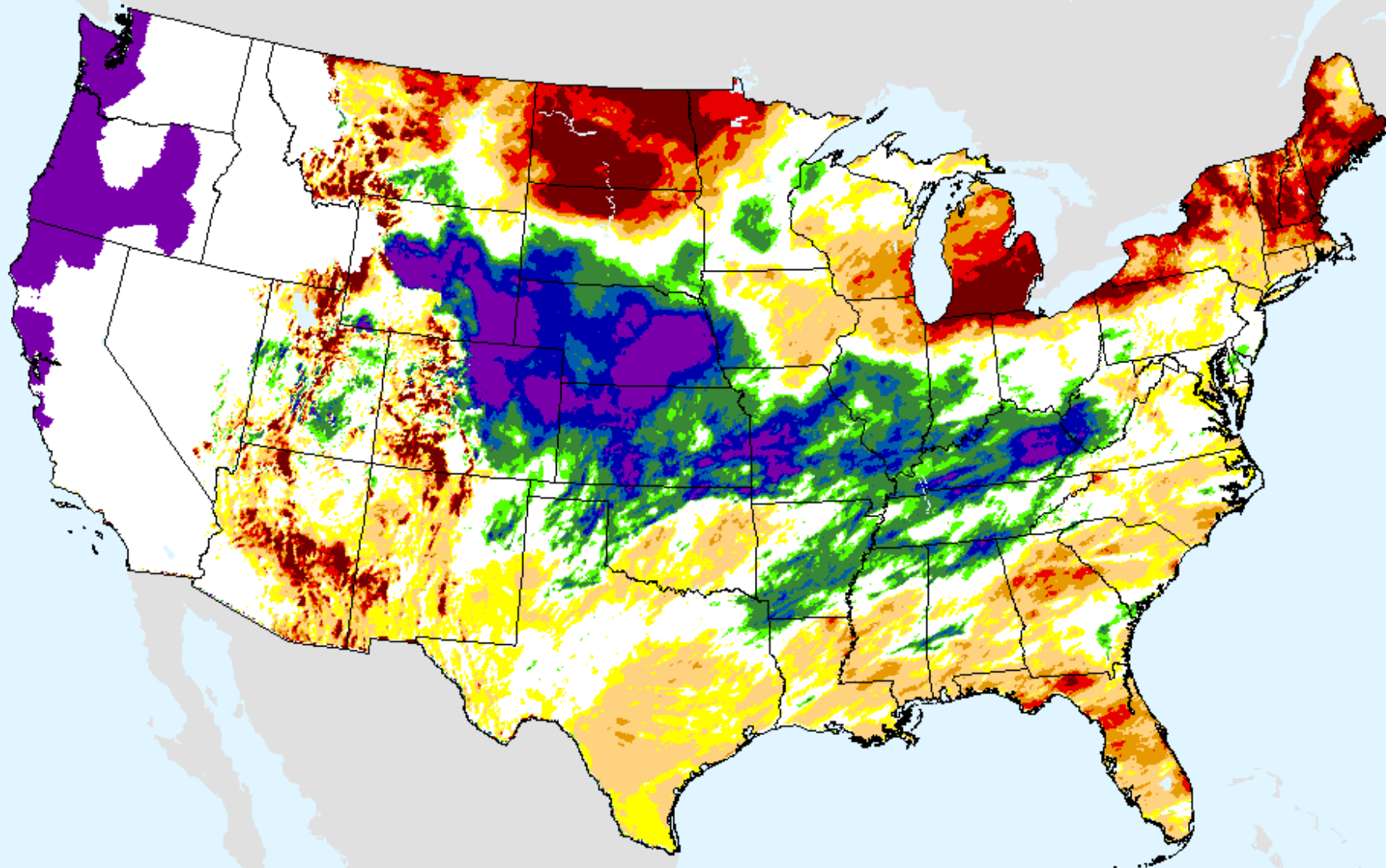


USDM for: Mar. 16, 2021

SPEI (USDM)

# AHPS 1-month SPEI

As of: Tuesday, March 23, 2021

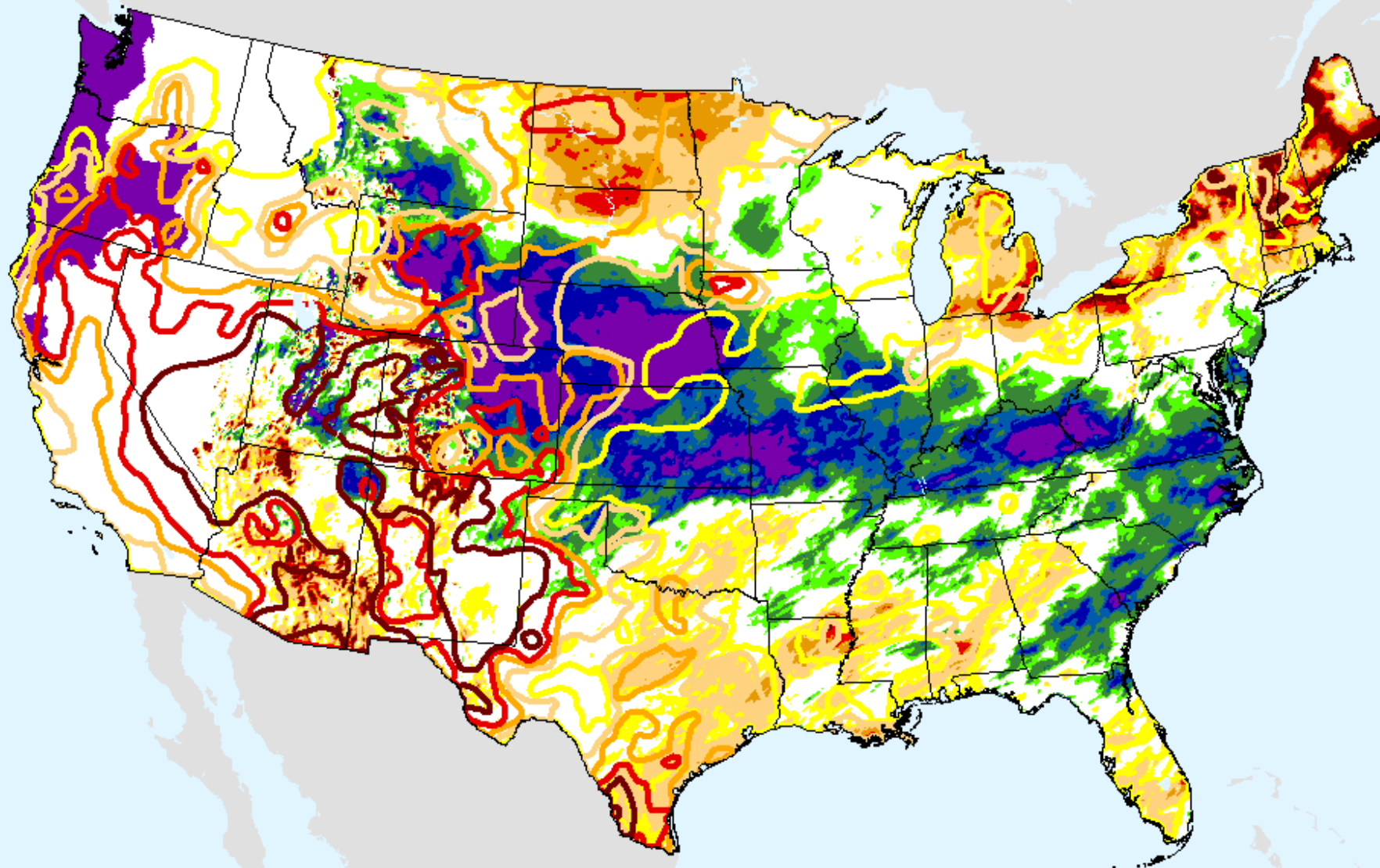


SPEI (USDM)



# AHPS 2-month SPEI

As of: Tuesday, March 23, 2021

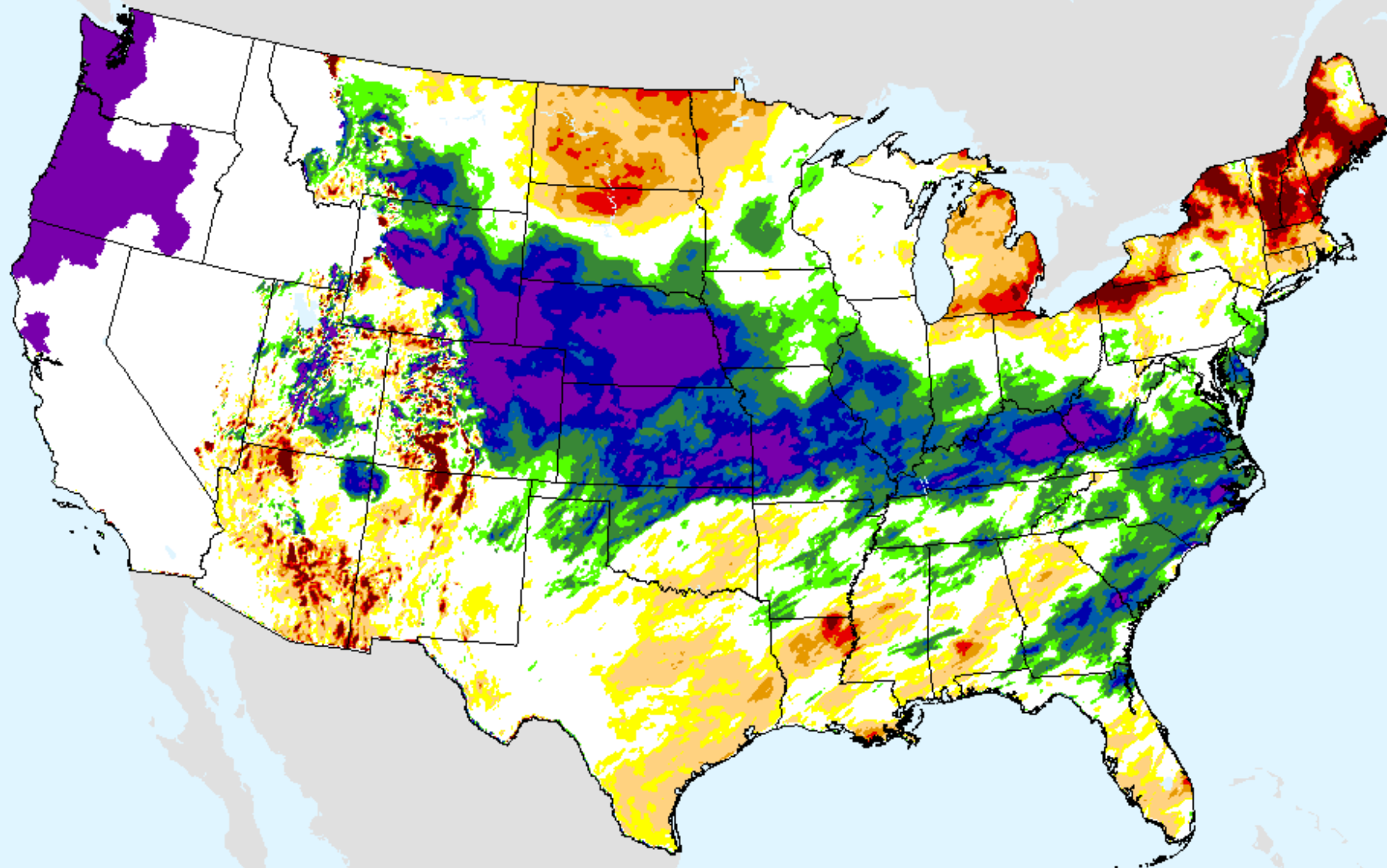


USDM for: Mar. 16, 2021

SPEI (USDM)

# AHPS 2-month SPEI

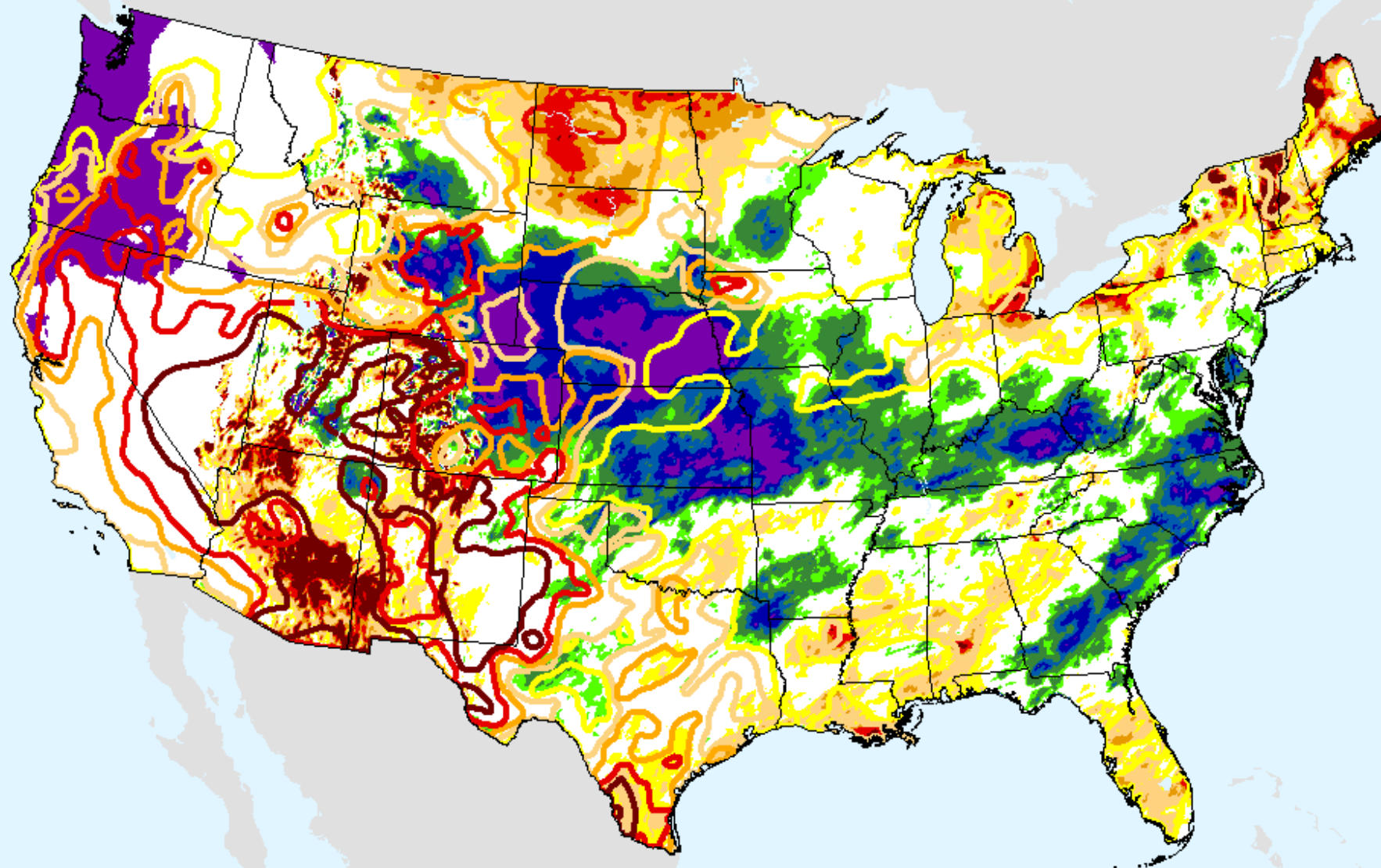
As of: Tuesday, March 23, 2021



SPEI (USDM)

# AHPS 3-month SPEI

As of: Tuesday, March 23, 2021

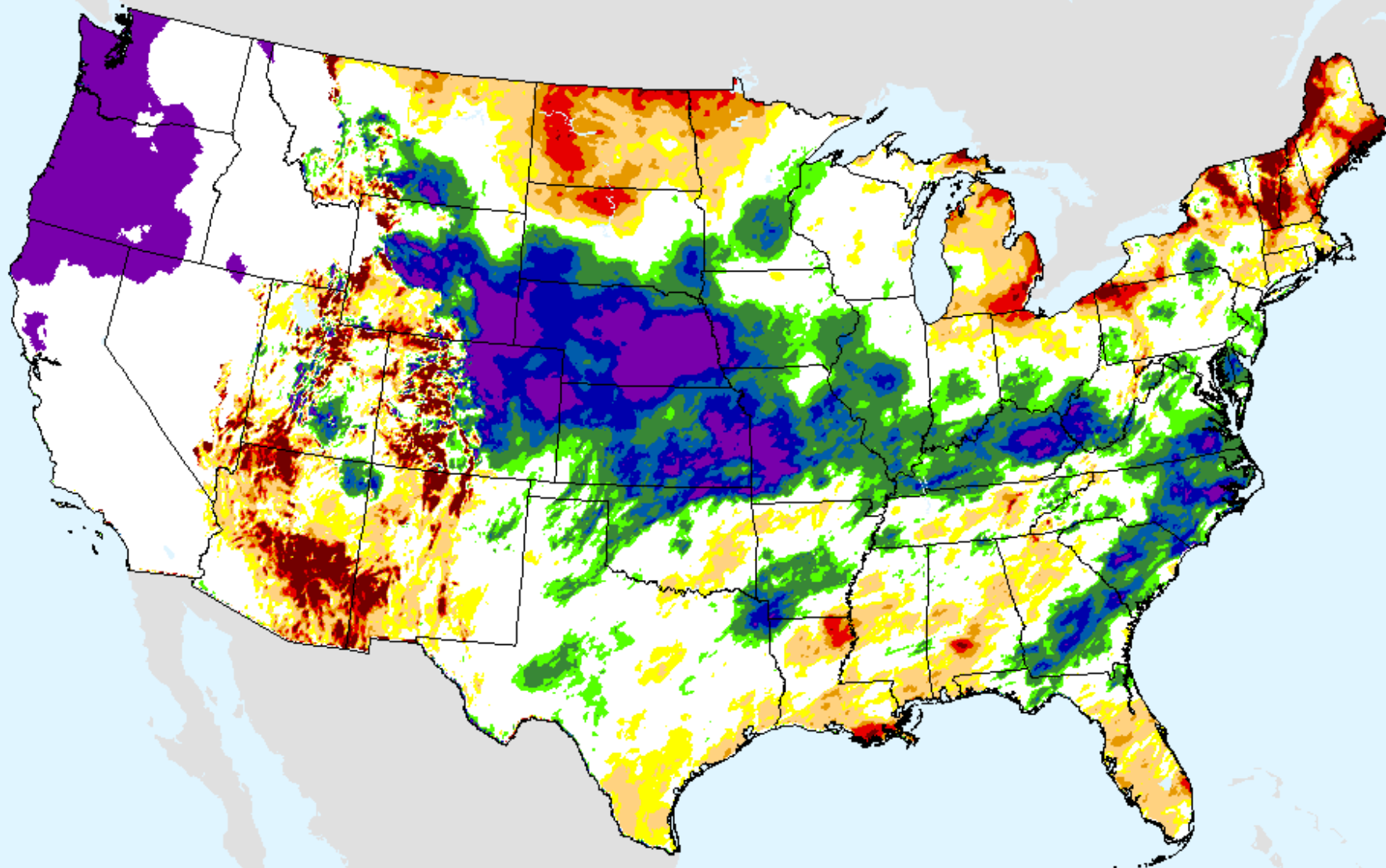


USDM for: Mar. 16, 2021

SPEI (USDM)

# AHPS 3-month SPEI

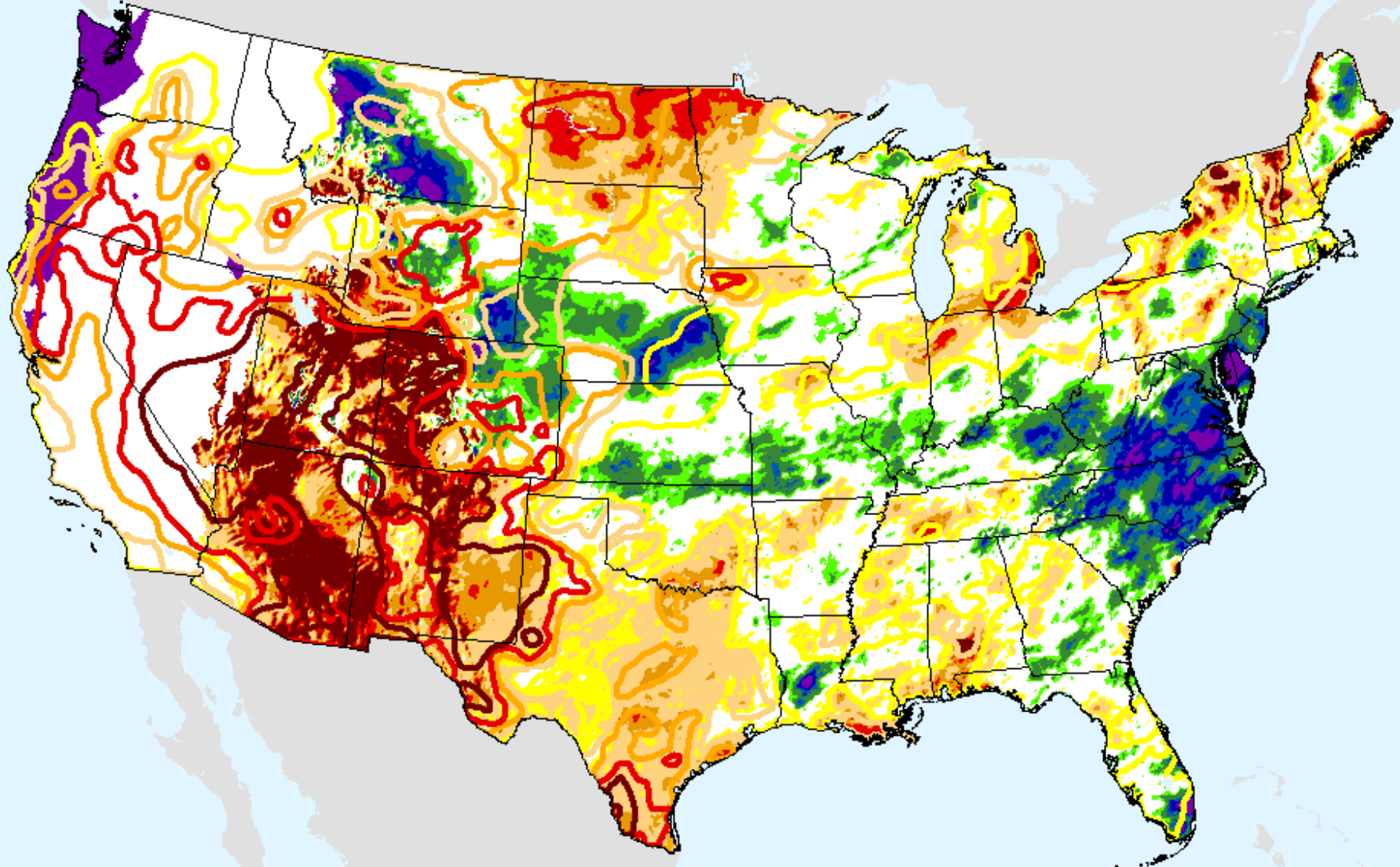
As of: Tuesday, March 23, 2021



SPEI (USDM)

# AHPS 6-month SPEI

As of: Tuesday, March 23, 2021

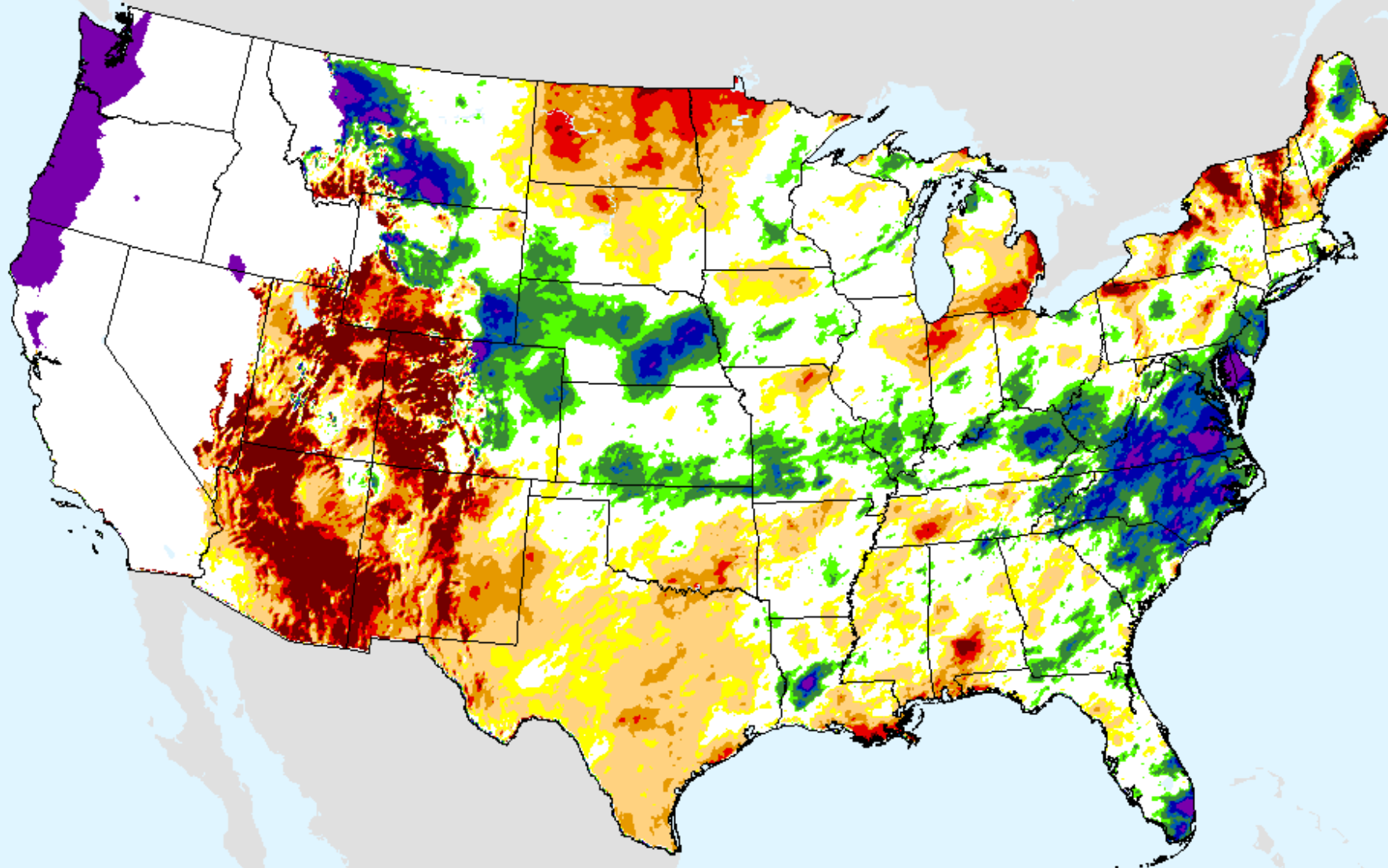


USDM for: Mar. 16, 2021

SPEI (USDM)

# AHPS 6-month SPEI

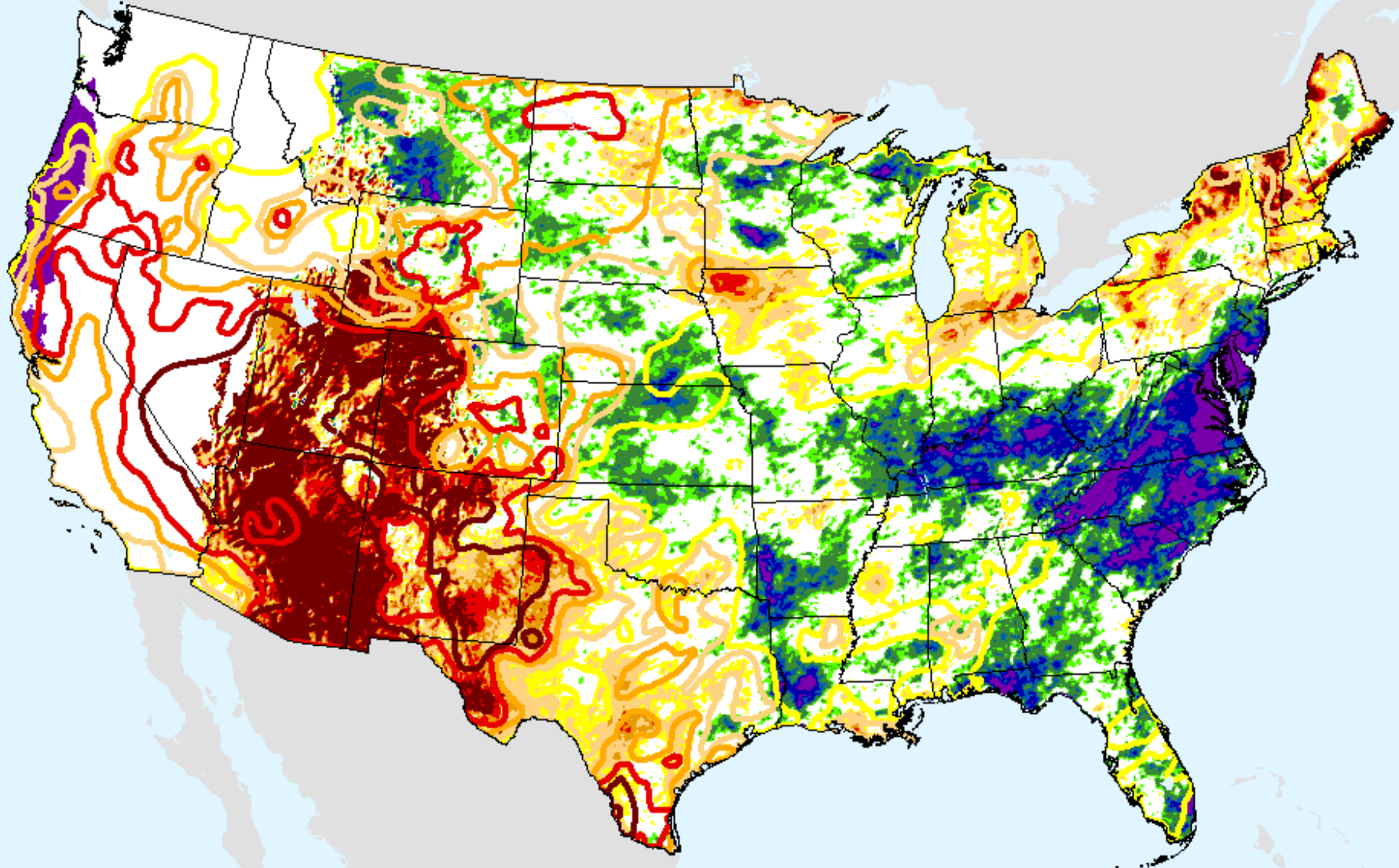
As of: Tuesday, March 23, 2021



SPEI (USDM)

# AHPS 9-month SPEI

As of: Tuesday, March 23, 2021

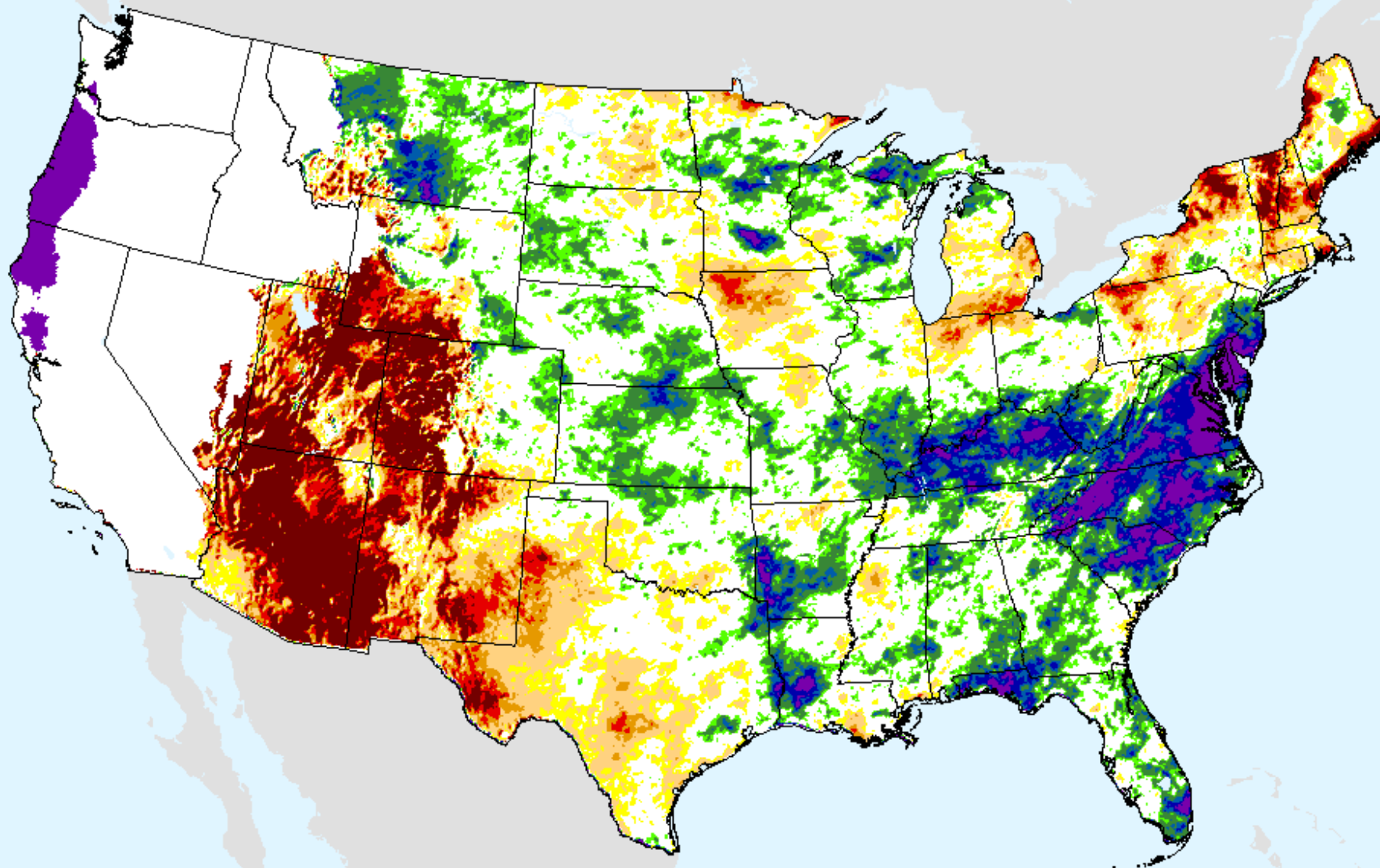


USDM for: Mar. 16, 2021

SPEI (USDM)

# AHPS 9-month SPEI

As of: Tuesday, March 23, 2021

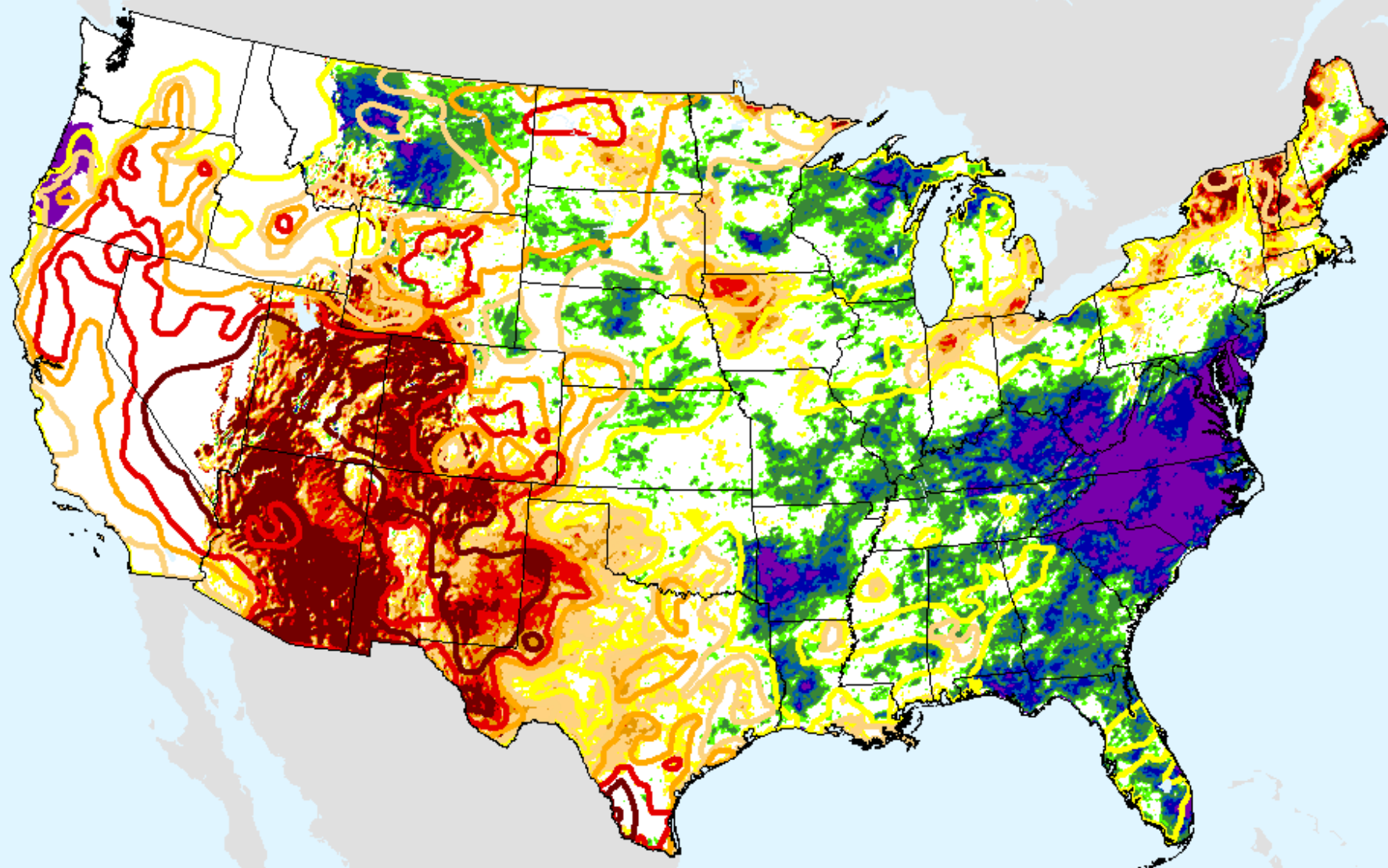


SPEI (USDM)



# AHPS 12-month SPEI

As of: Tuesday, March 23, 2021

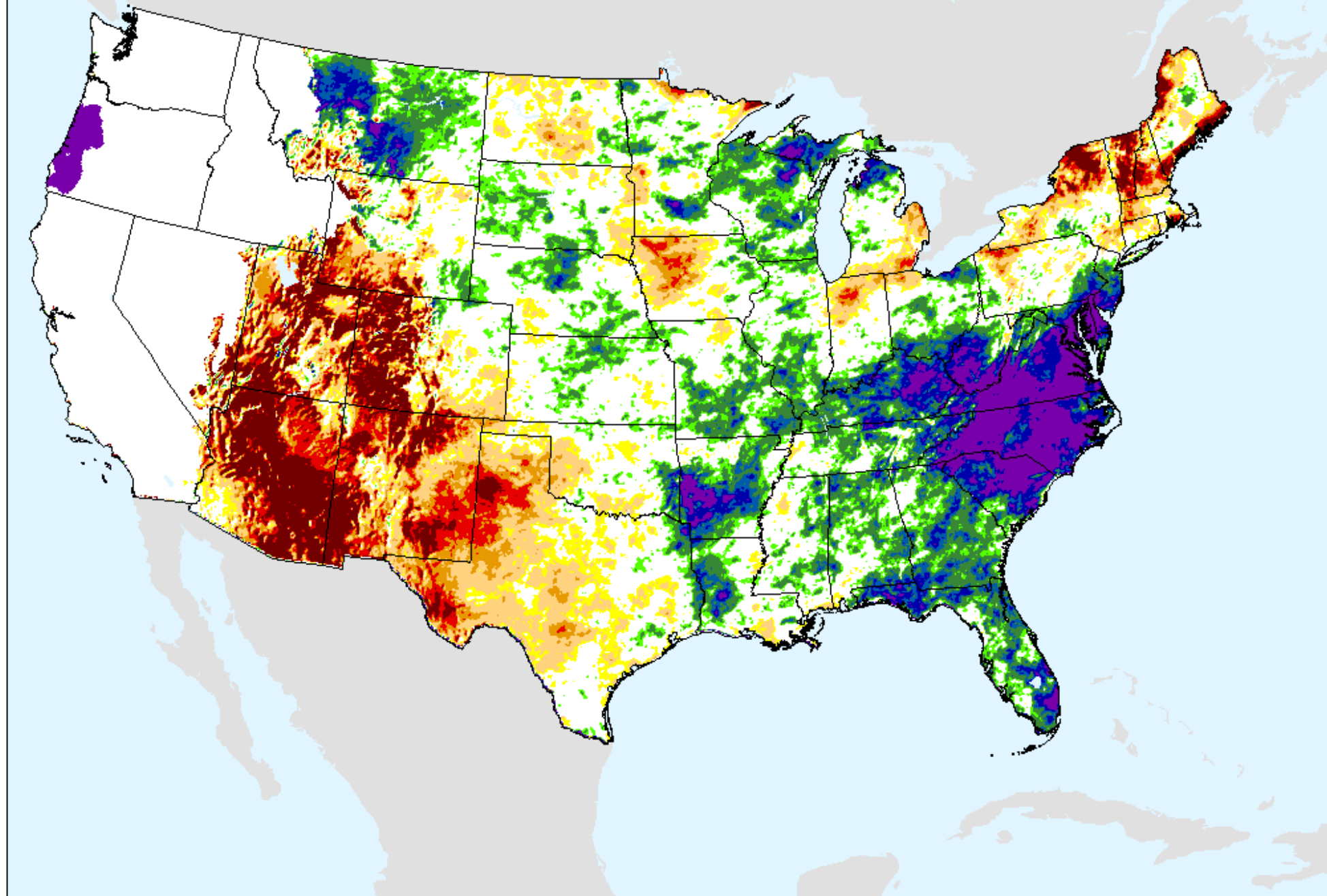


USDM for: Mar. 16, 2021

SPEI (USDM)

# AHPS 12-month SPEI

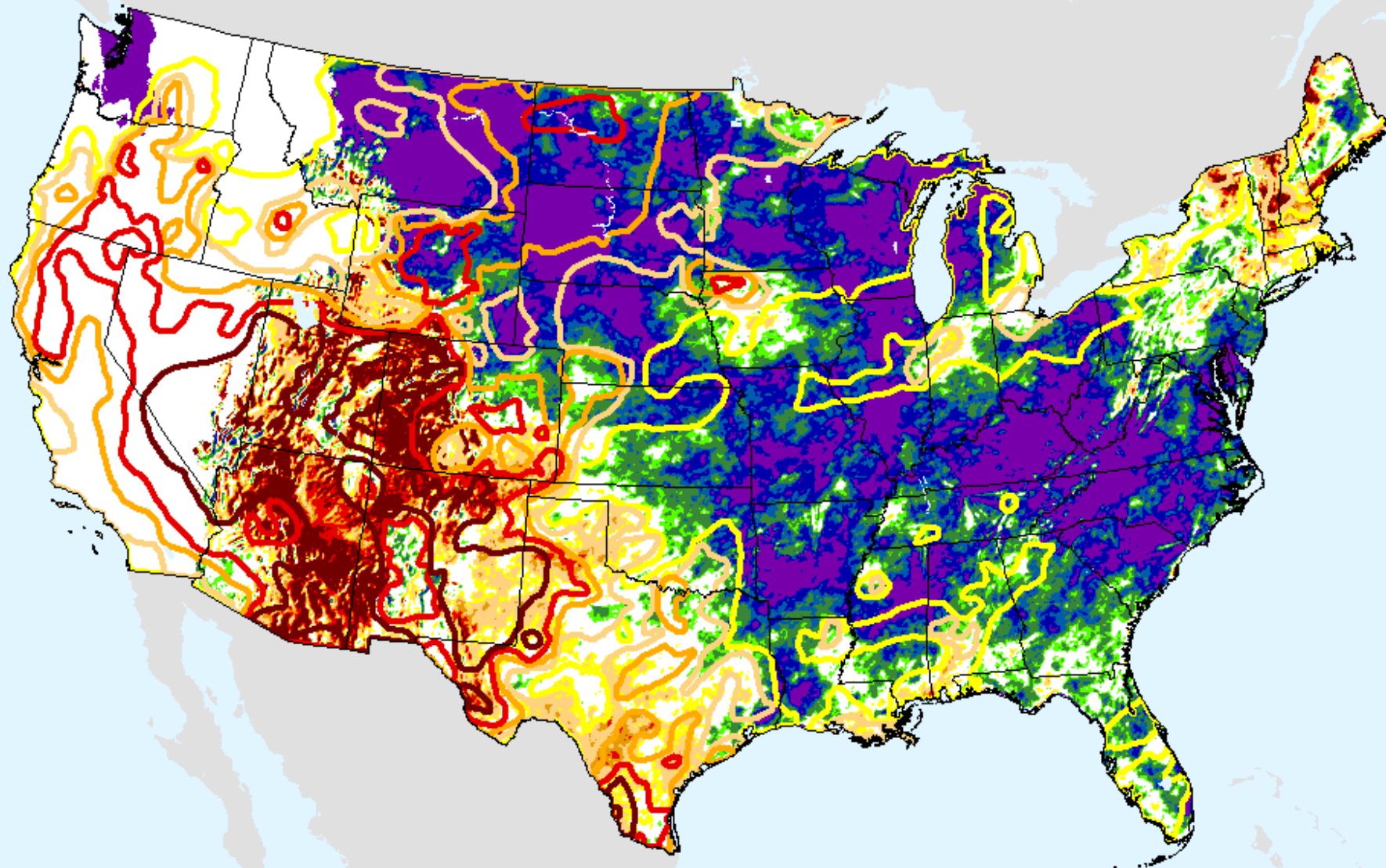
As of: Tuesday, March 23, 2021



SPEI (USDM)

# AHPS 24-month SPEI

As of: Tuesday, March 23, 2021

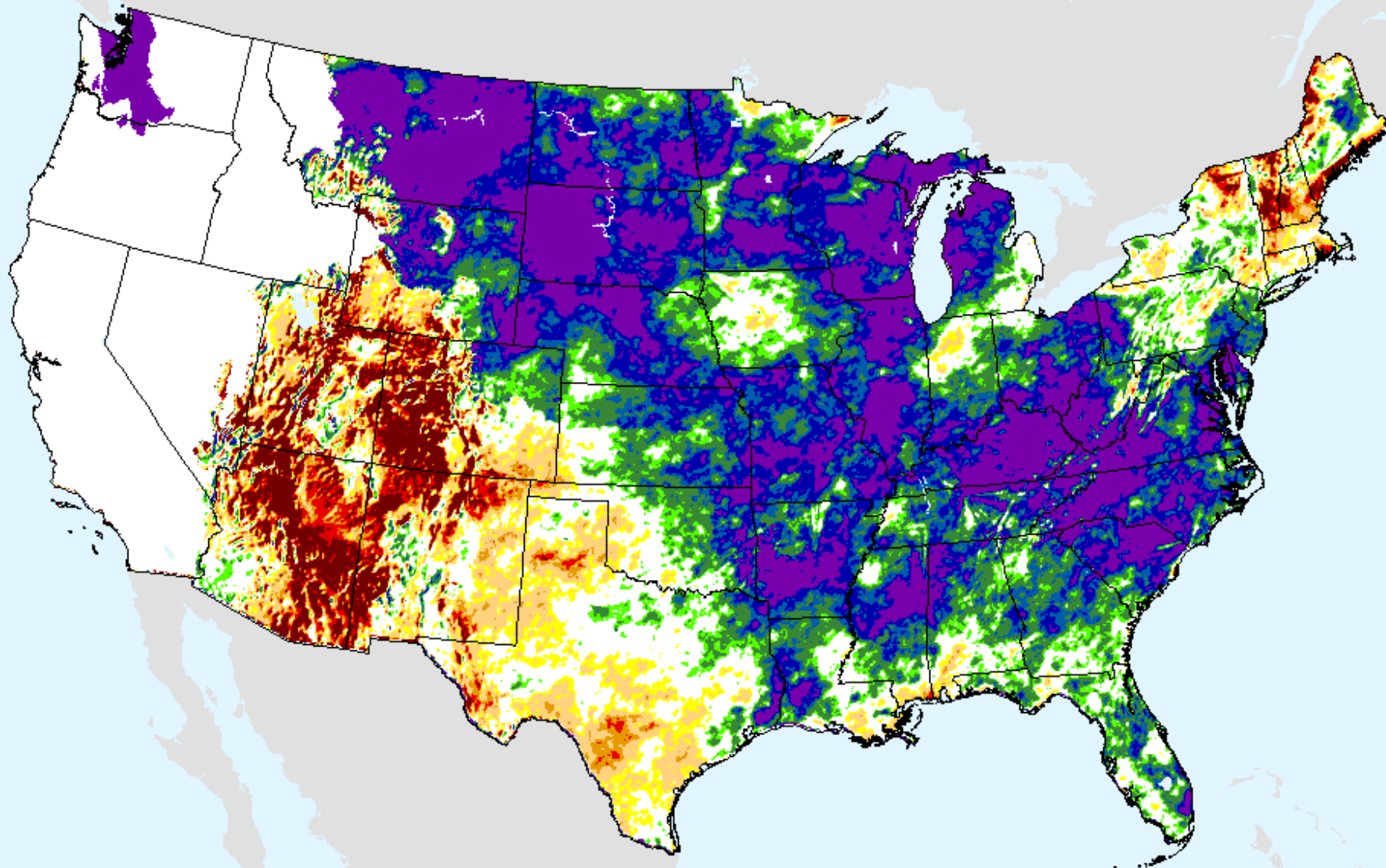


USDM for: Mar. 16, 2021

SPEI (USDM)

# AHPS 24-month SPEI

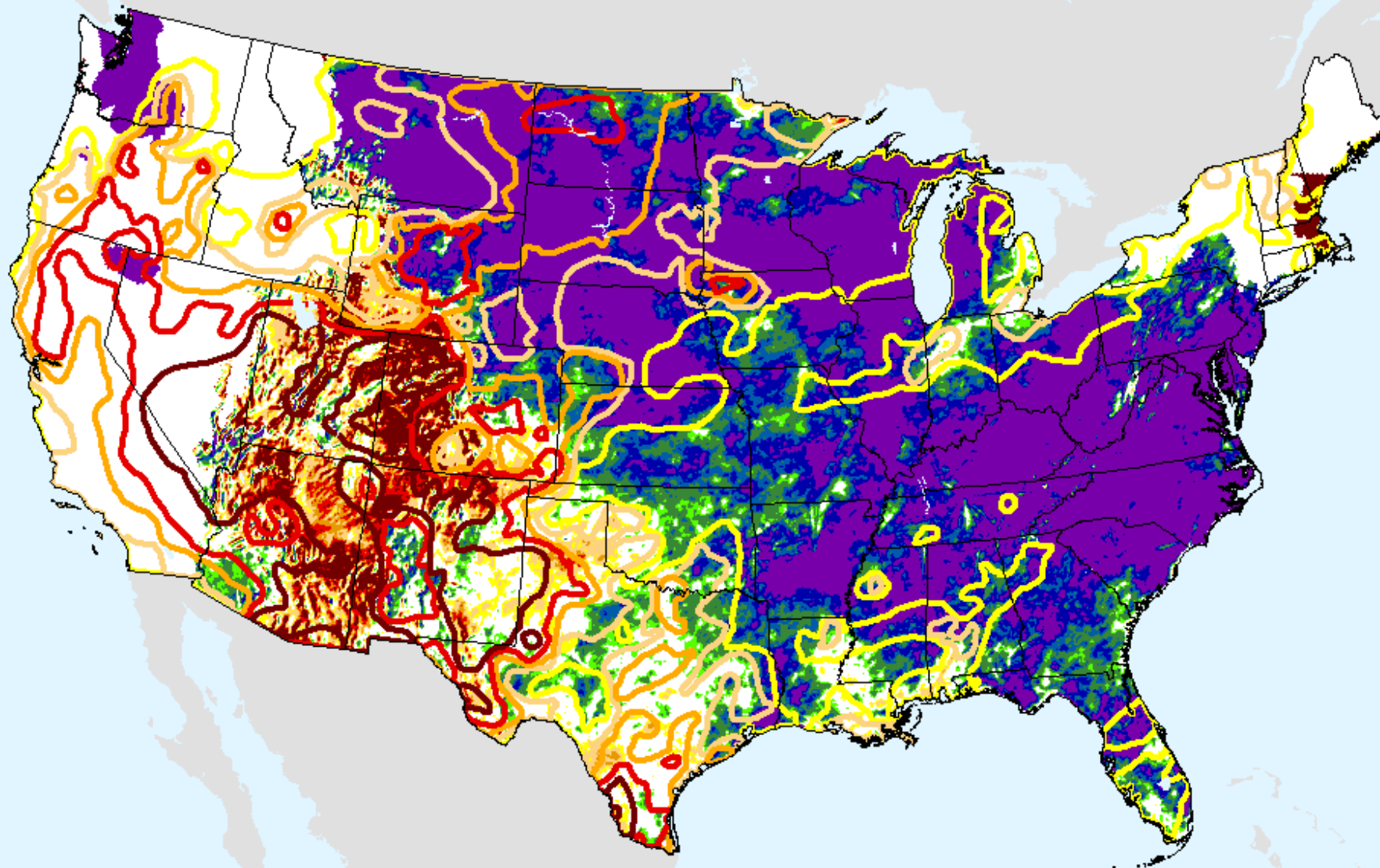
As of: Tuesday, March 23, 2021



SPEI (USDM)

# AHPS 36-month SPEI

As of: Tuesday, March 23, 2021

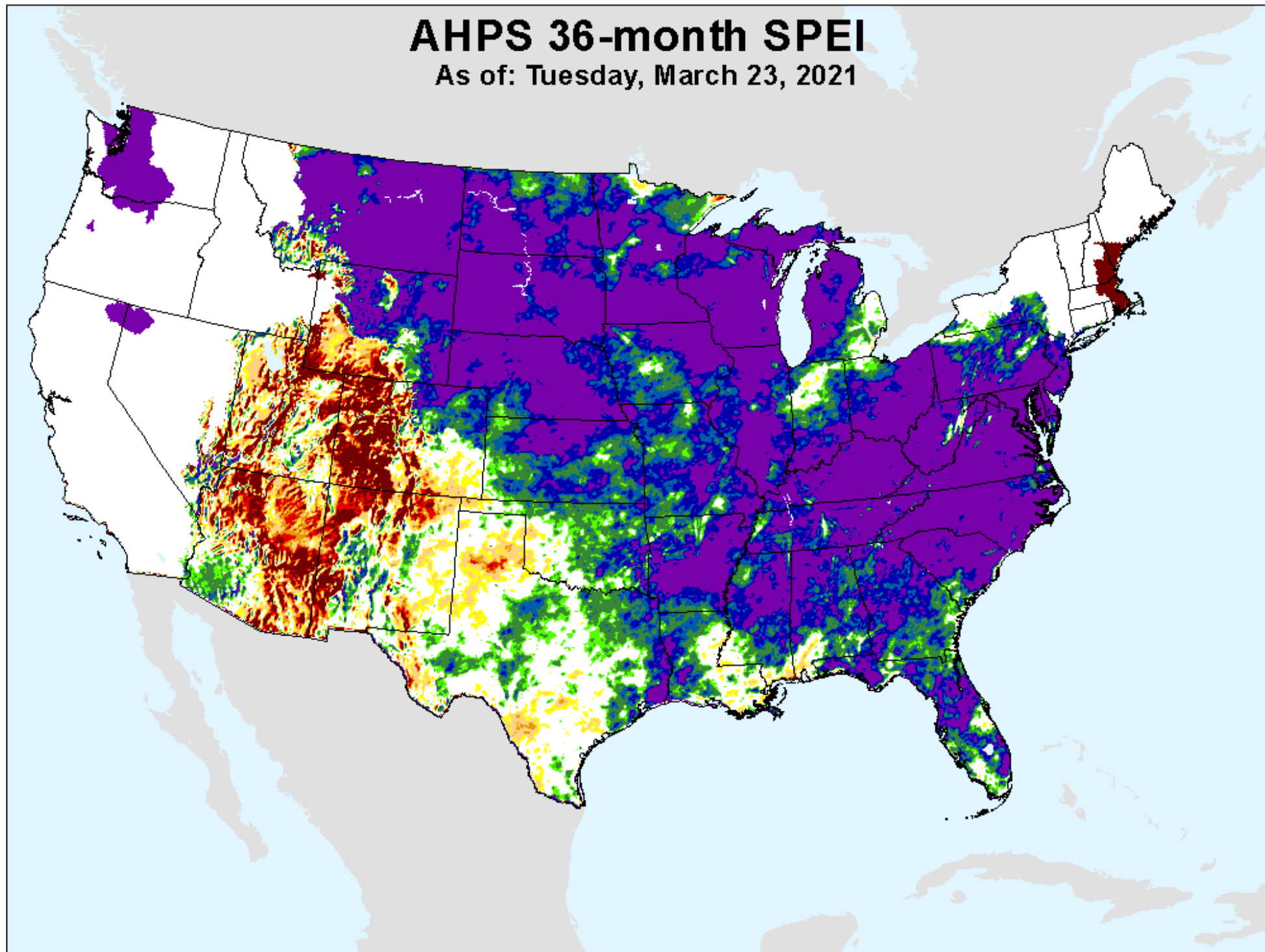


USDM for: Mar. 16, 2021

SPEI (USDM)

# AHPS 36-month SPEI

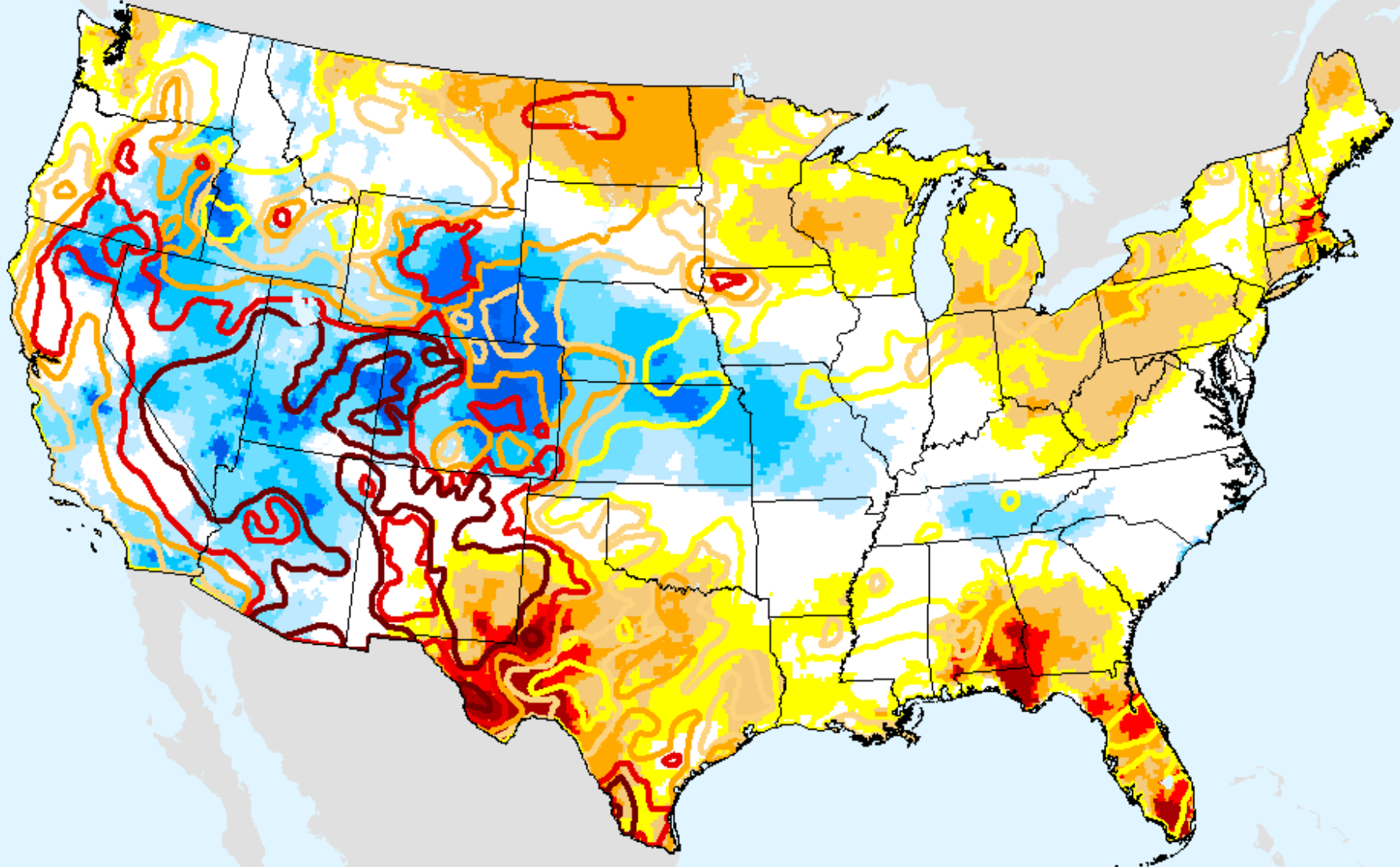
As of: Tuesday, March 23, 2021



SPEI (USDM)

# EDDI 1-week

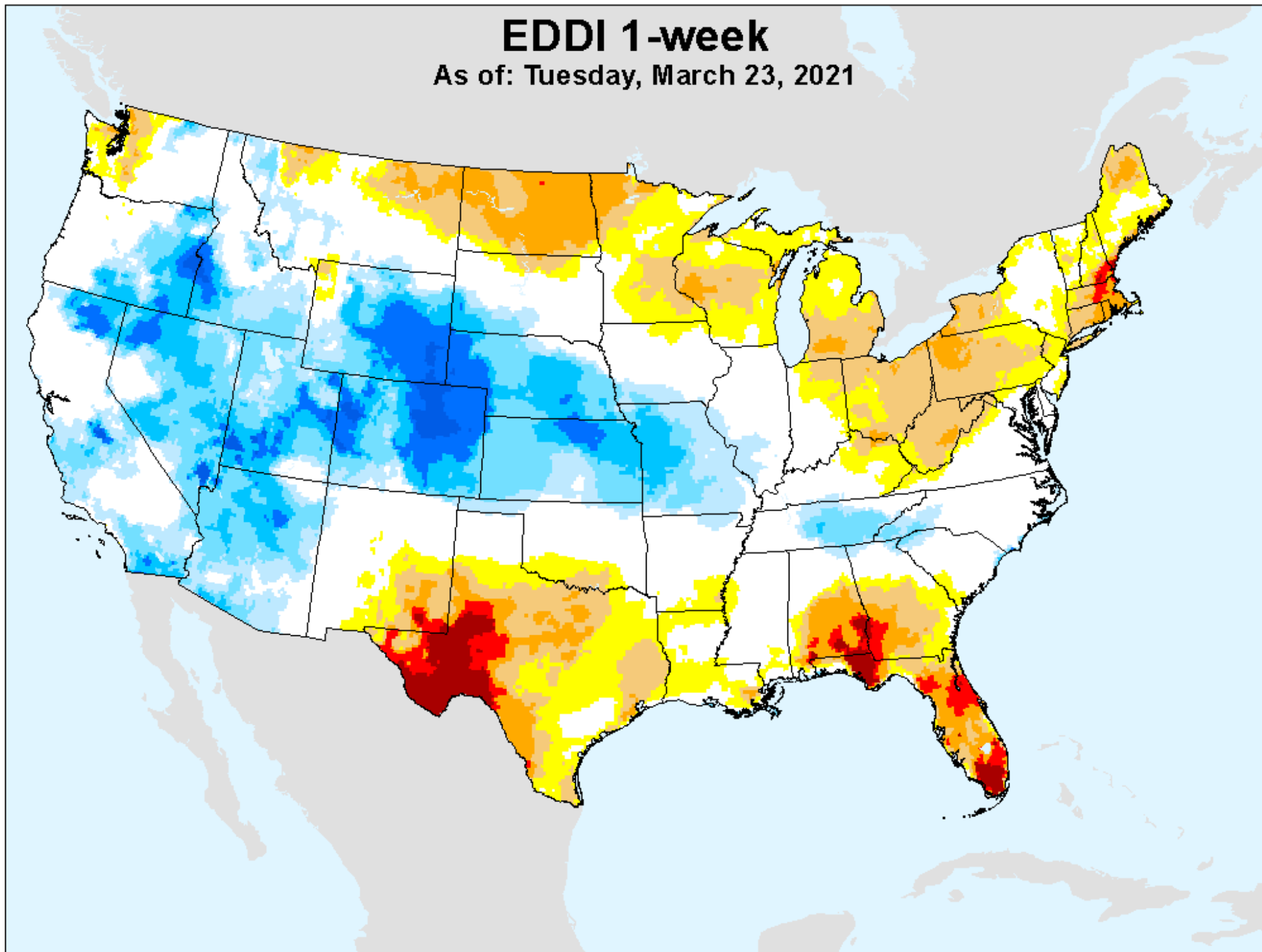
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# EDDI 1-week

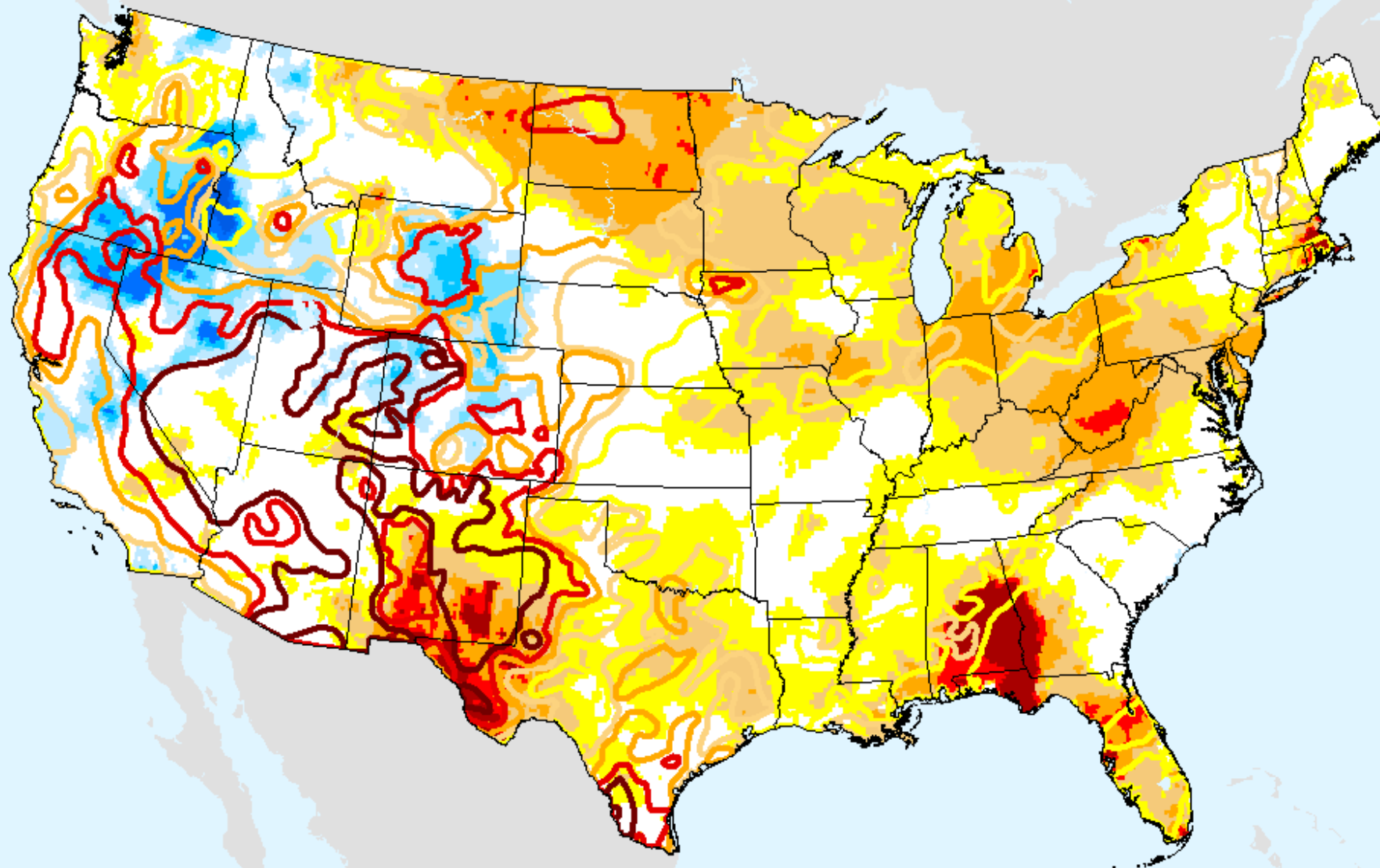
As of: Tuesday, March 23, 2021





# EDDI 2-week

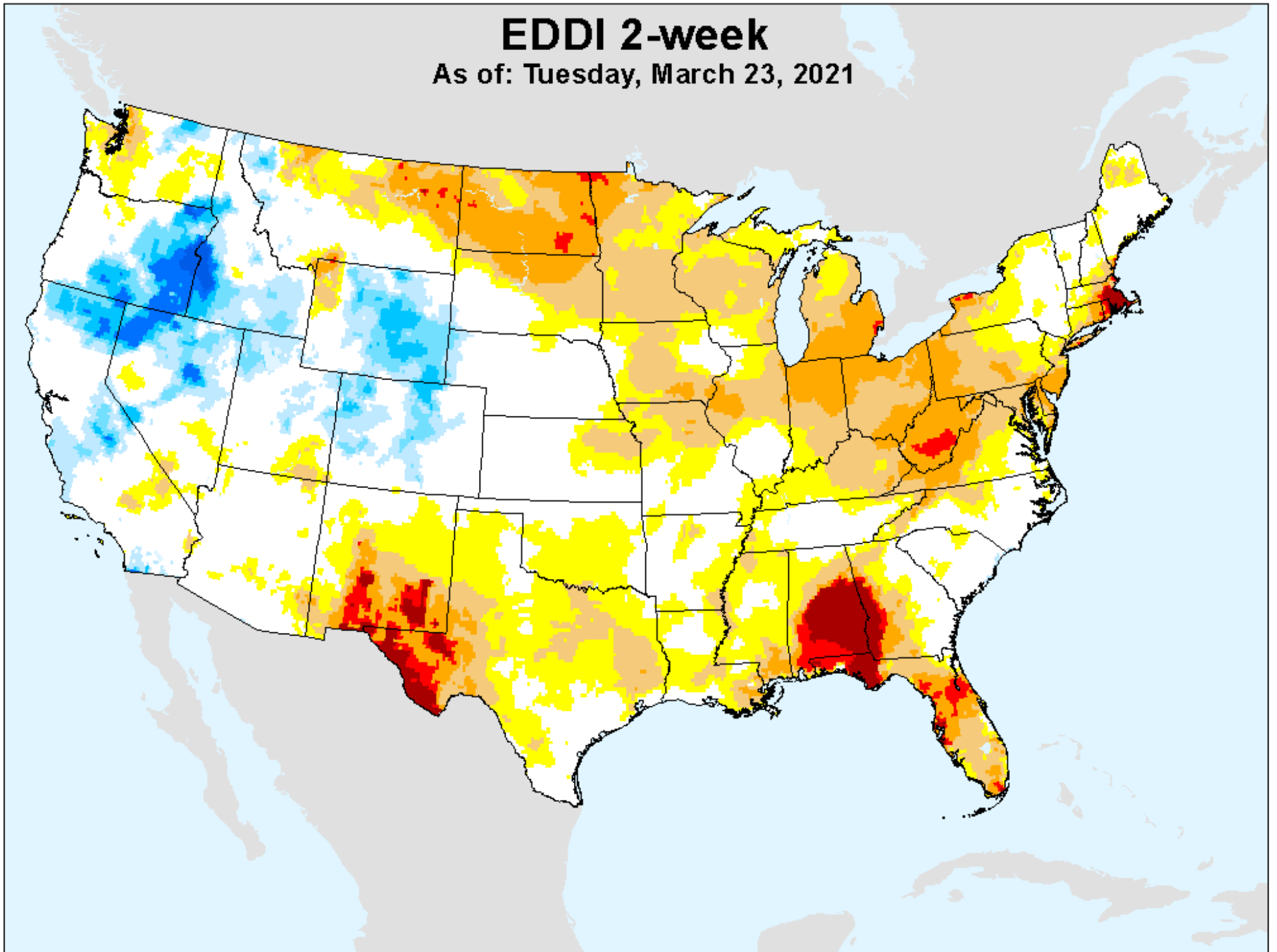
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

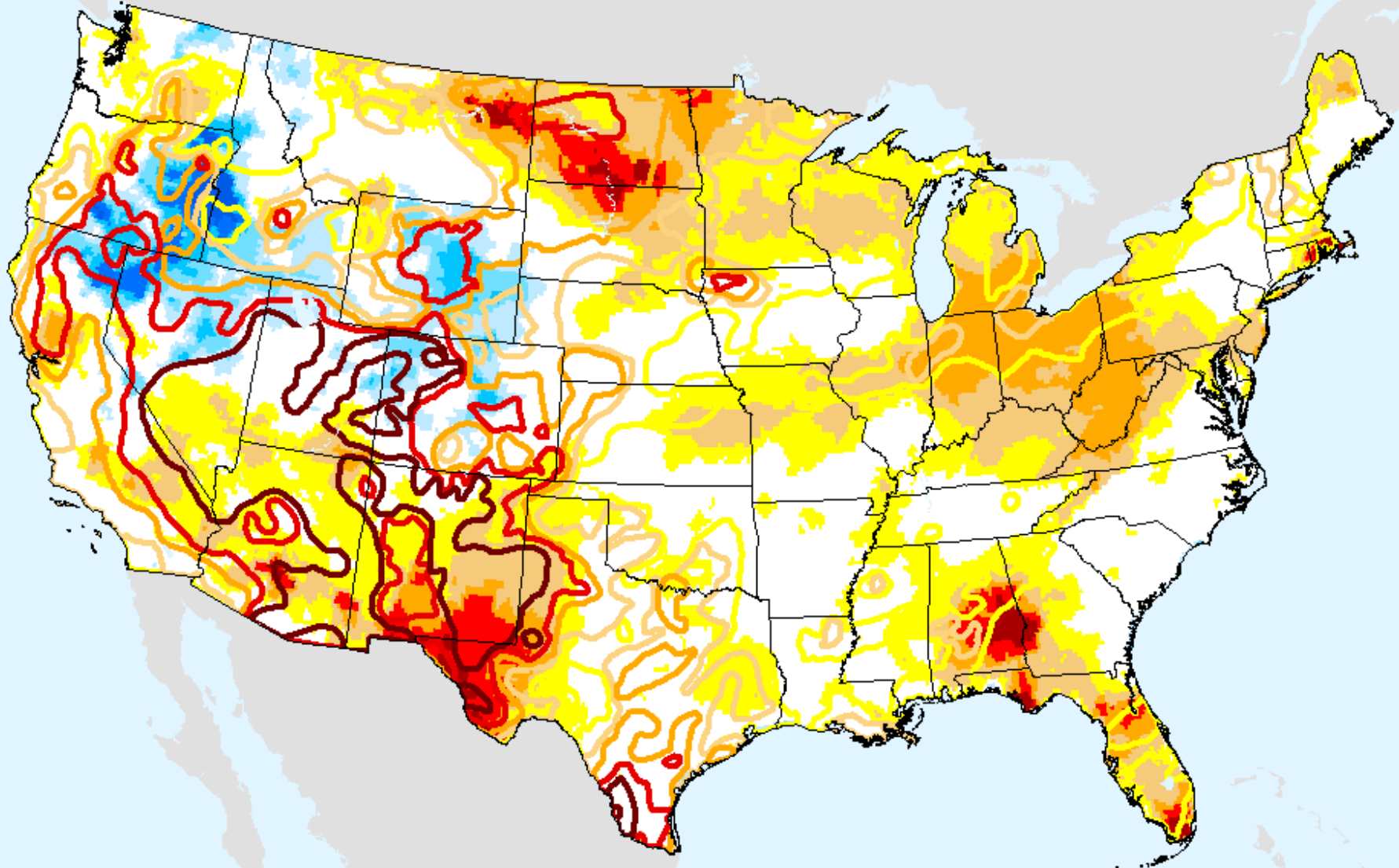
# EDDI 2-week

As of: Tuesday, March 23, 2021



# EDDI 3-week

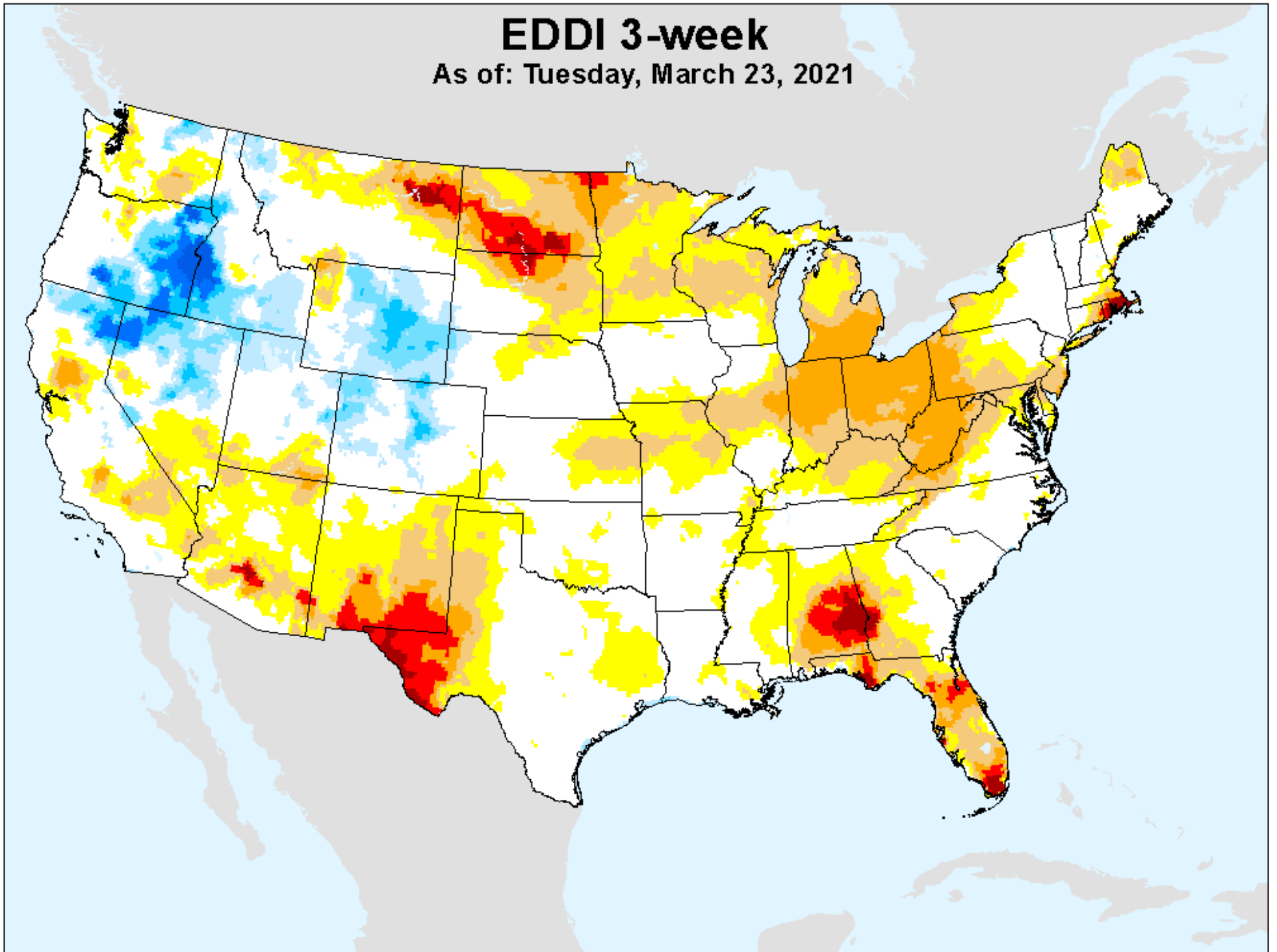
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

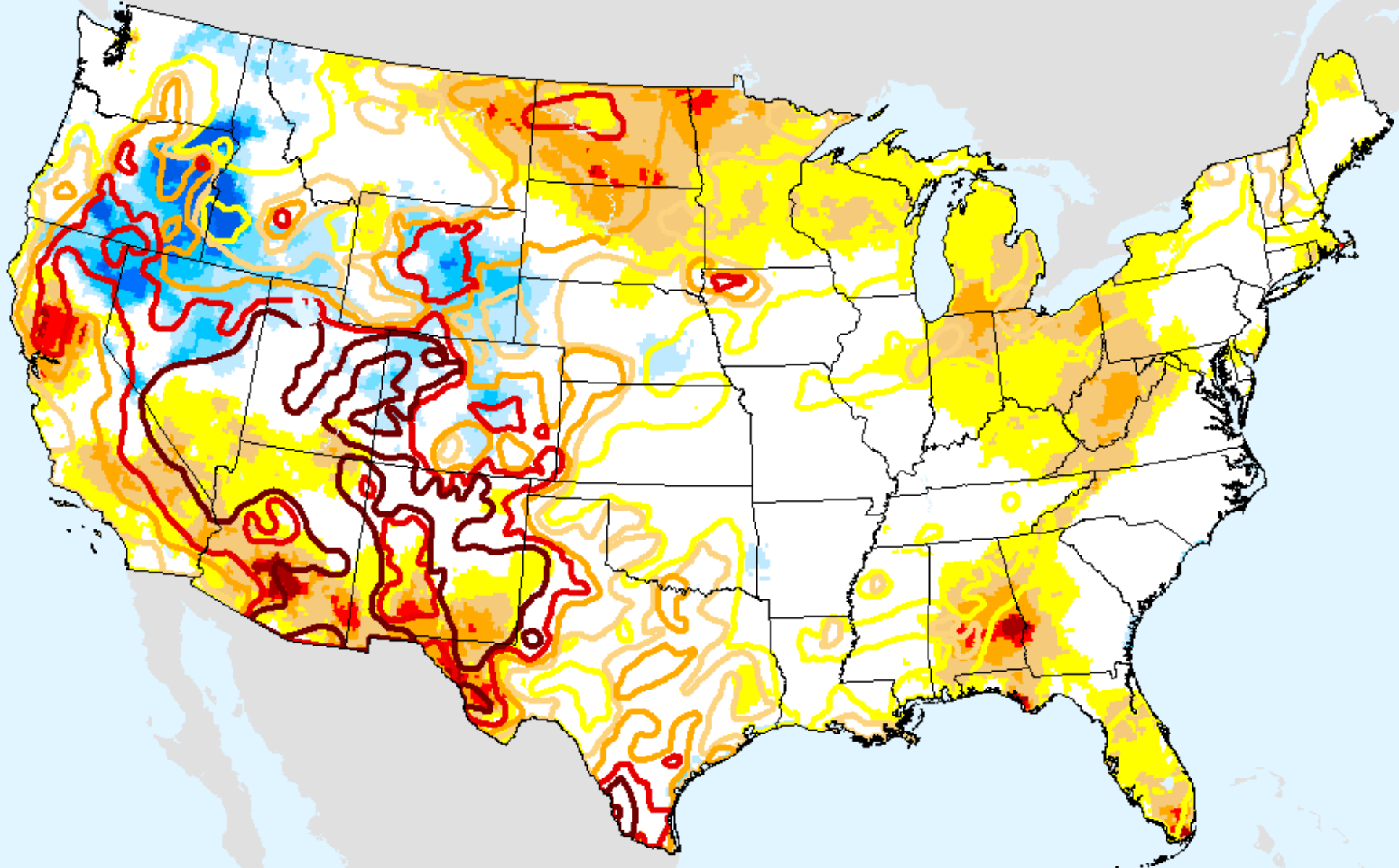
# EDDI 3-week

As of: Tuesday, March 23, 2021



# EDDI 4-week

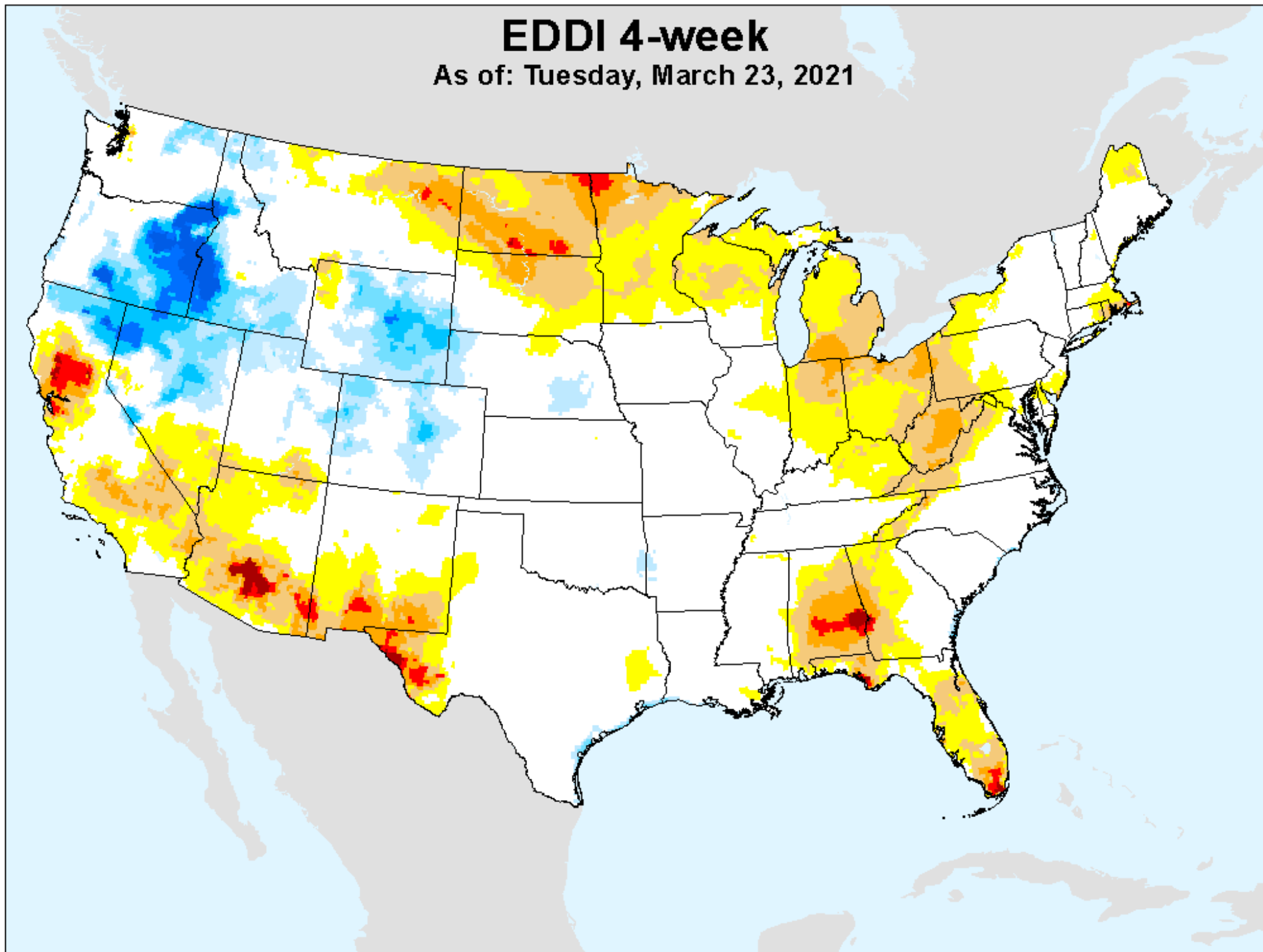
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

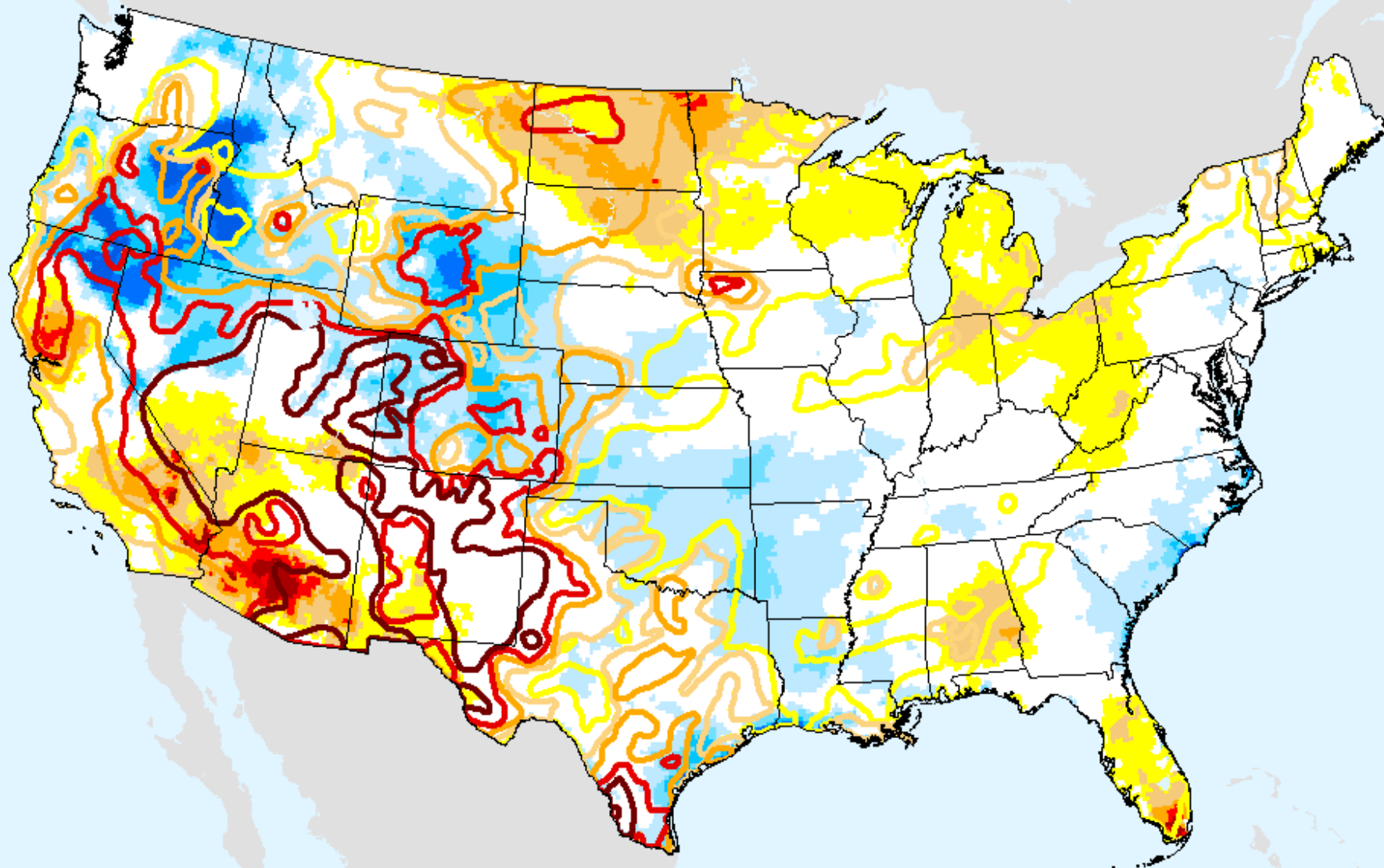
# EDDI 4-week

As of: Tuesday, March 23, 2021



# EDDI 5-week

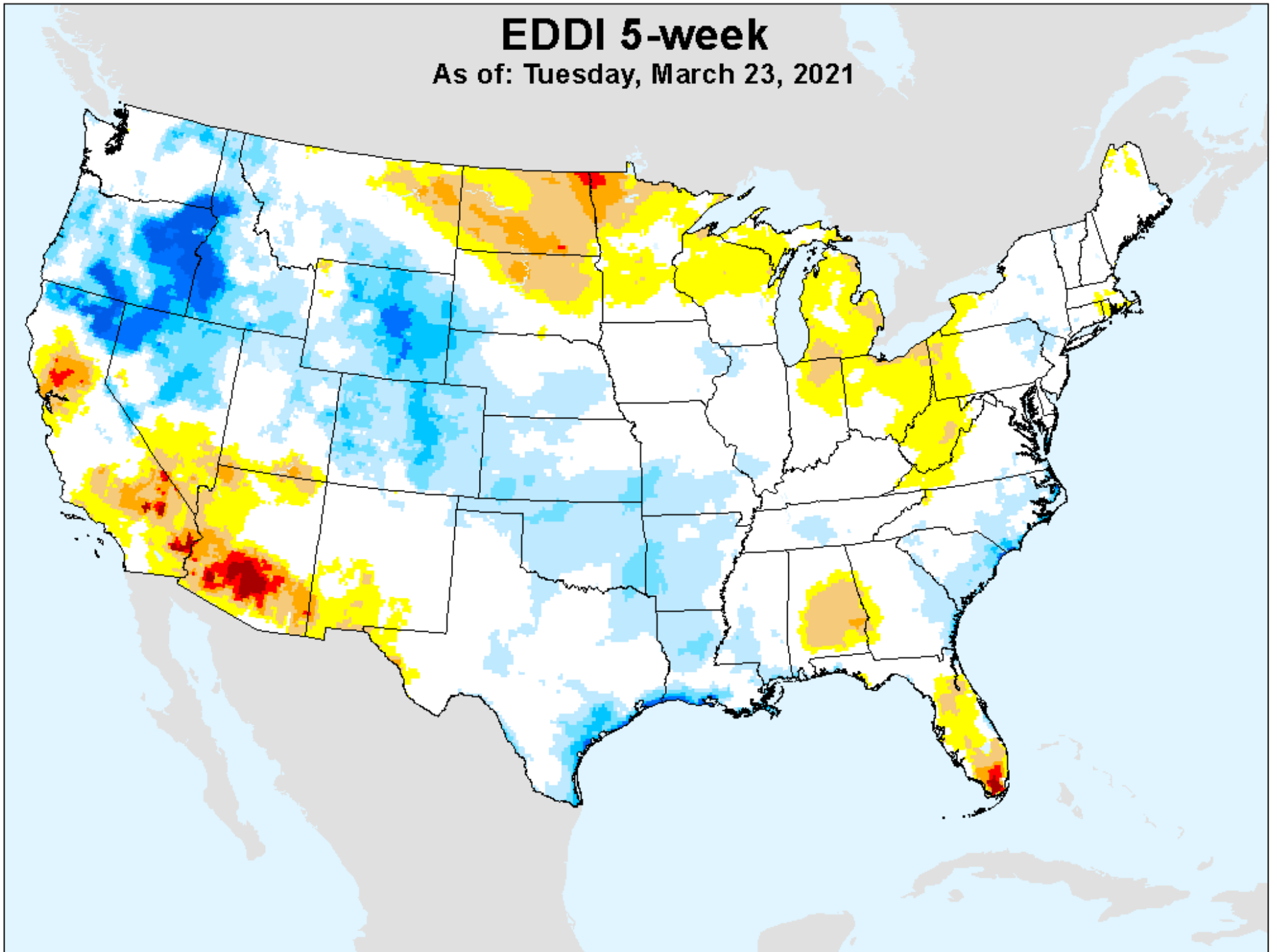
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# EDDI 5-week

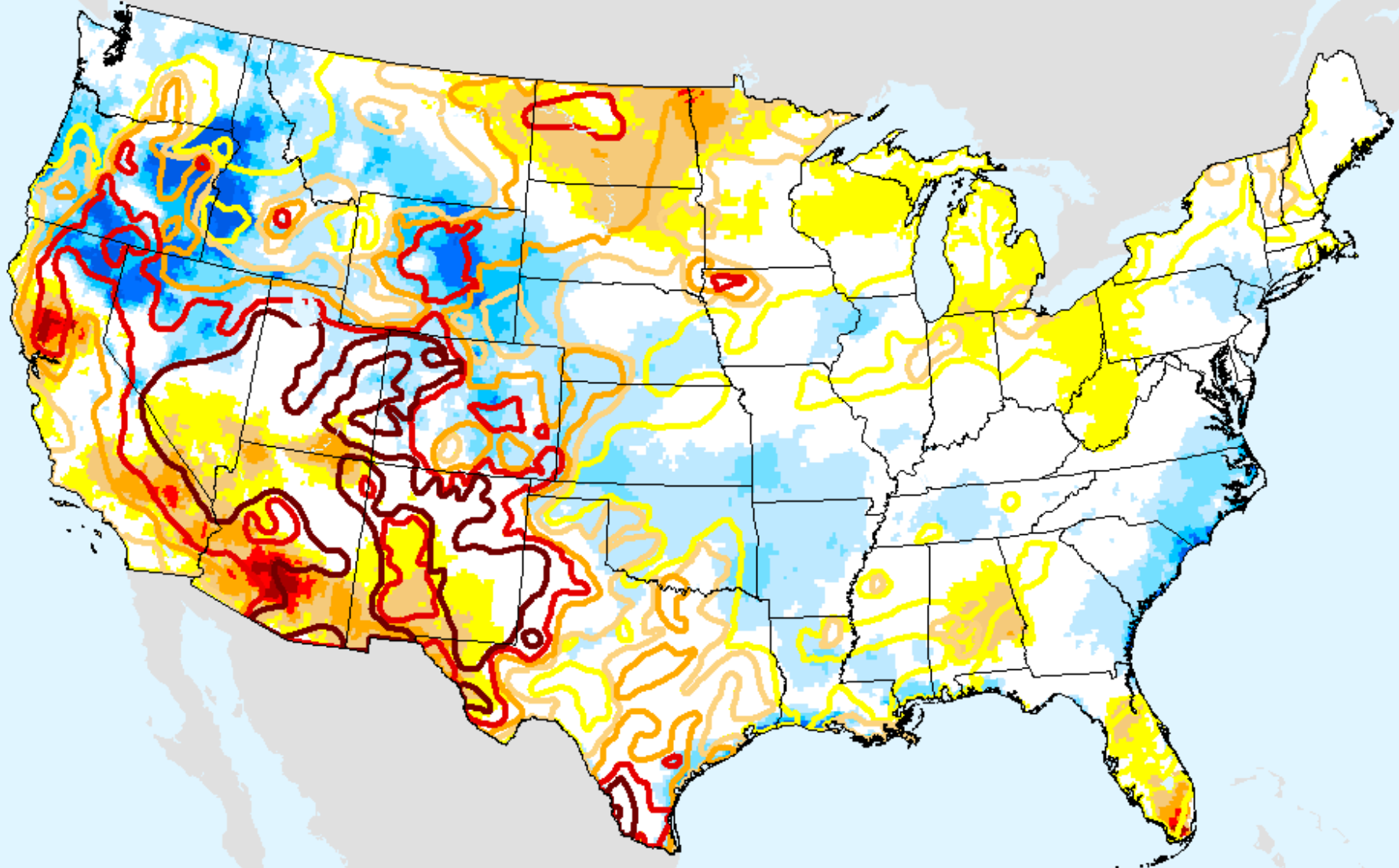
As of: Tuesday, March 23, 2021





# EDDI 6-week

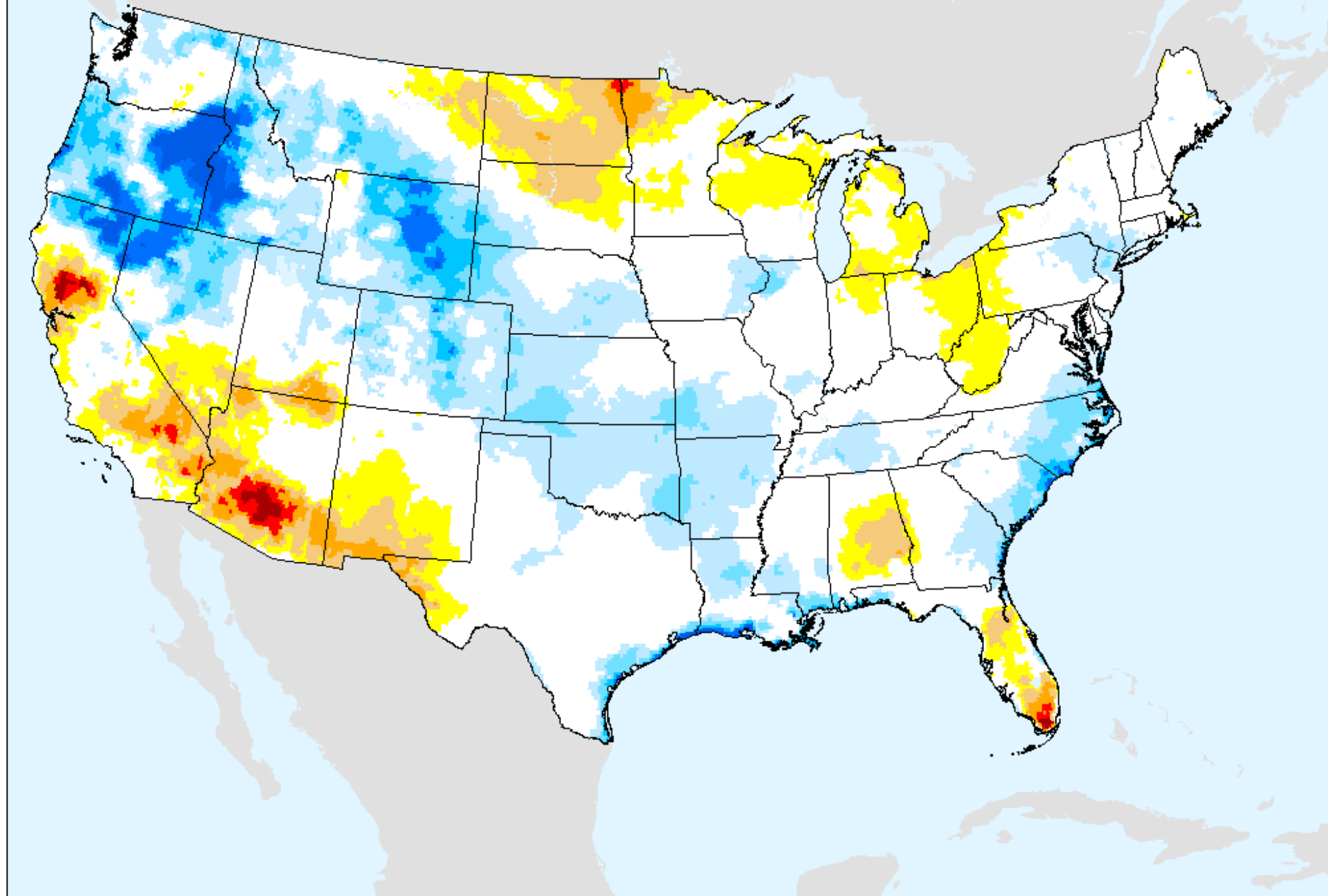
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

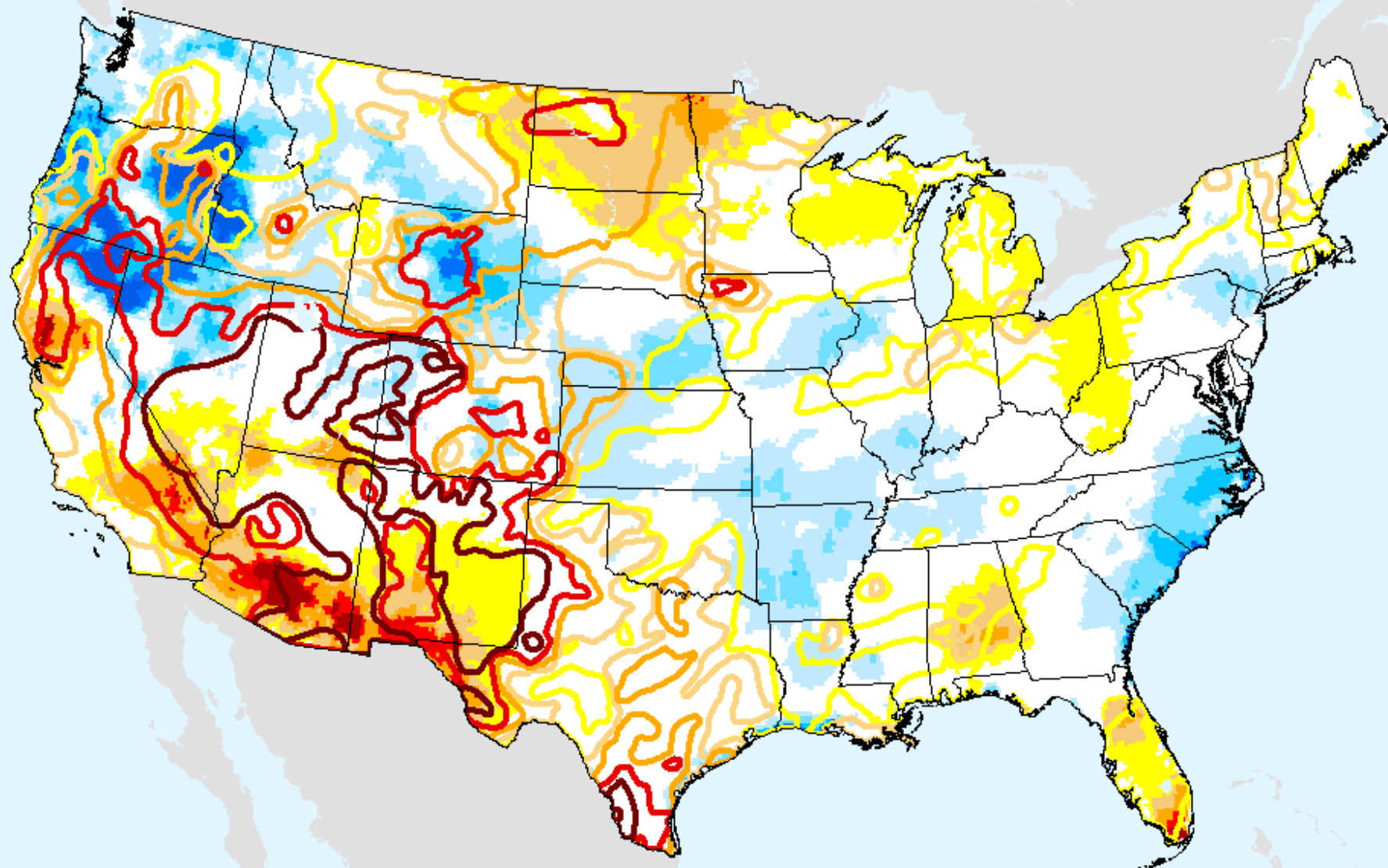
# EDDI 6-week

As of: Tuesday, March 23, 2021



# EDDI 7-week

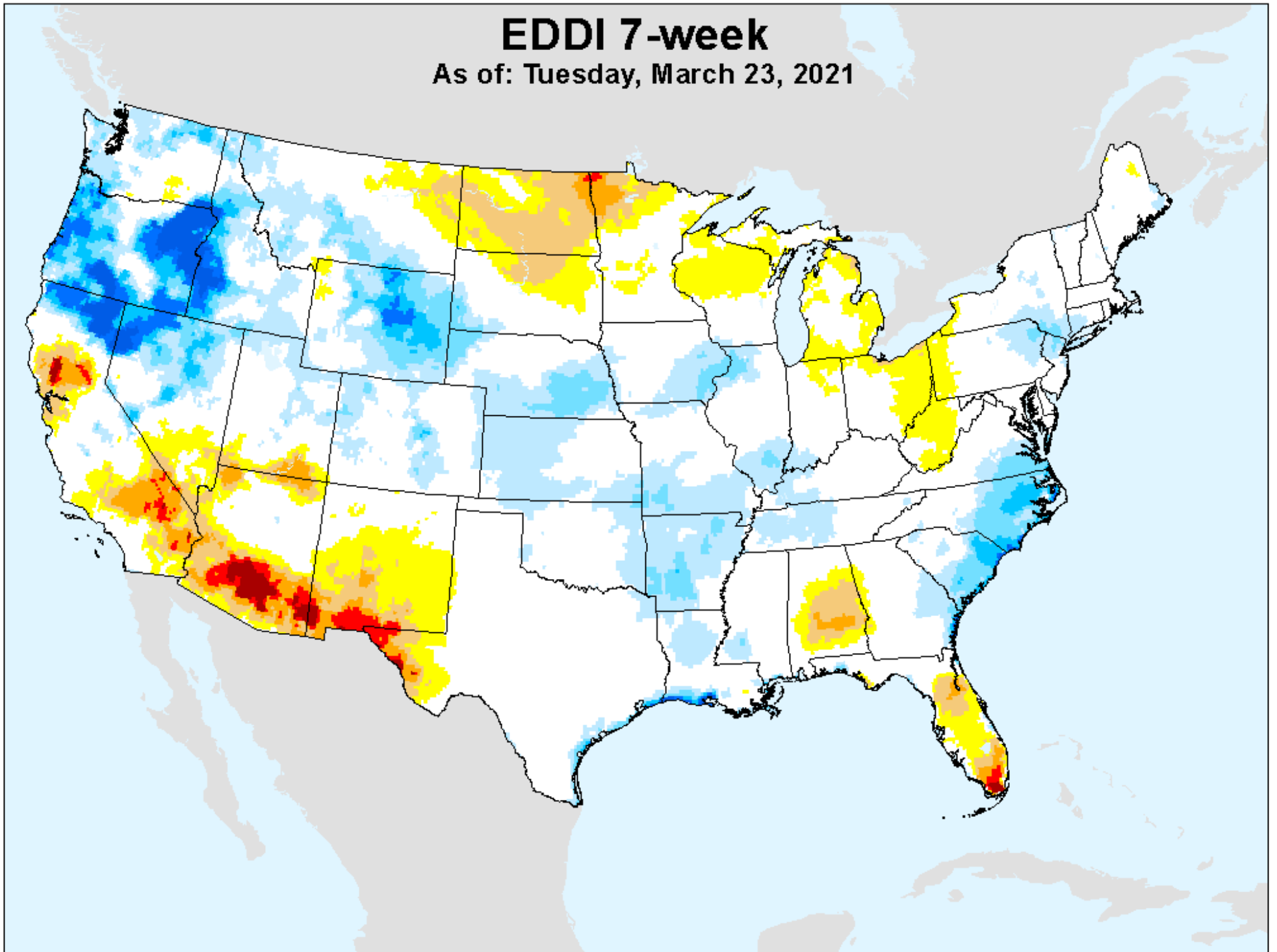
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

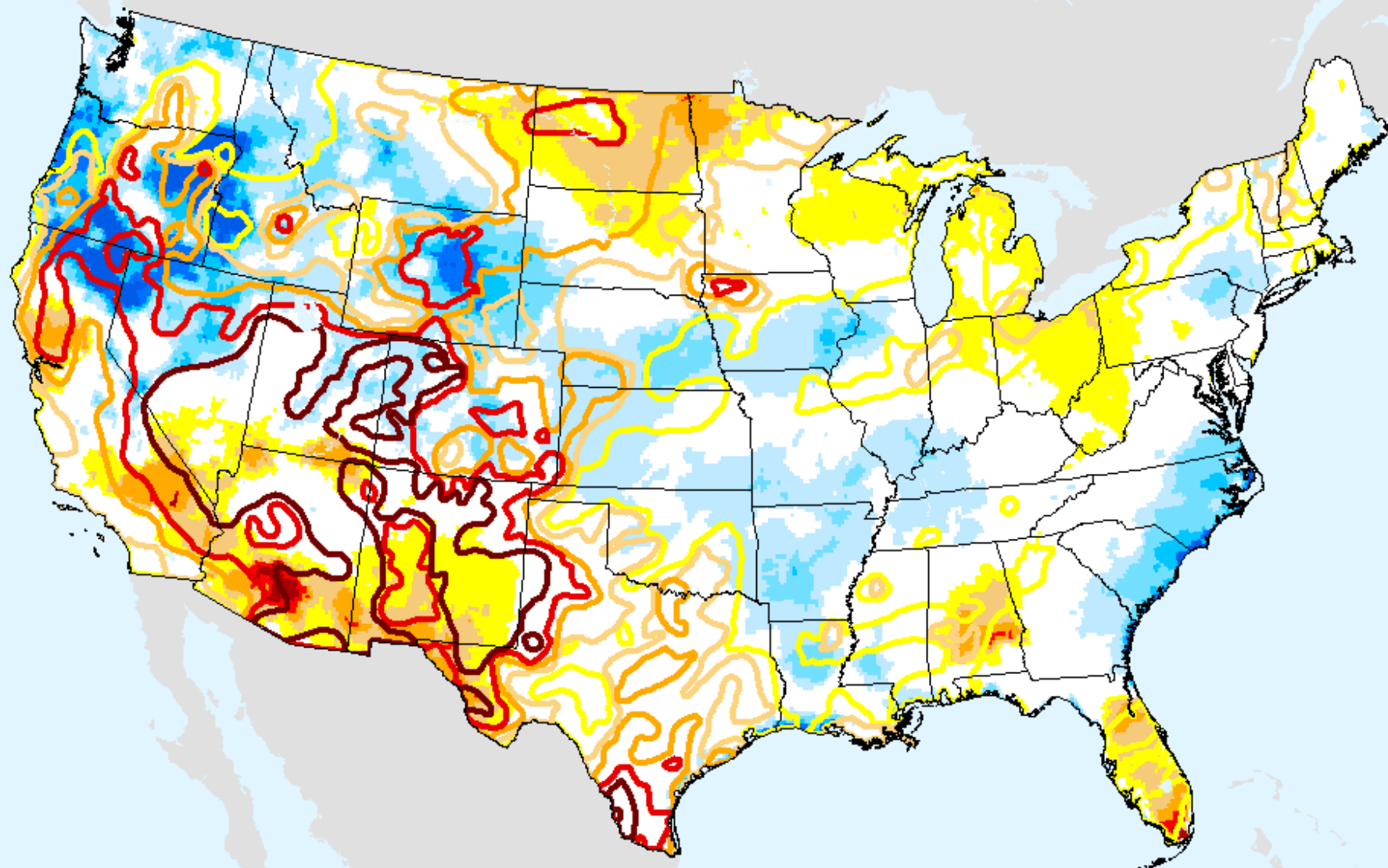
# EDDI 7-week

As of: Tuesday, March 23, 2021



# EDDI 8-week

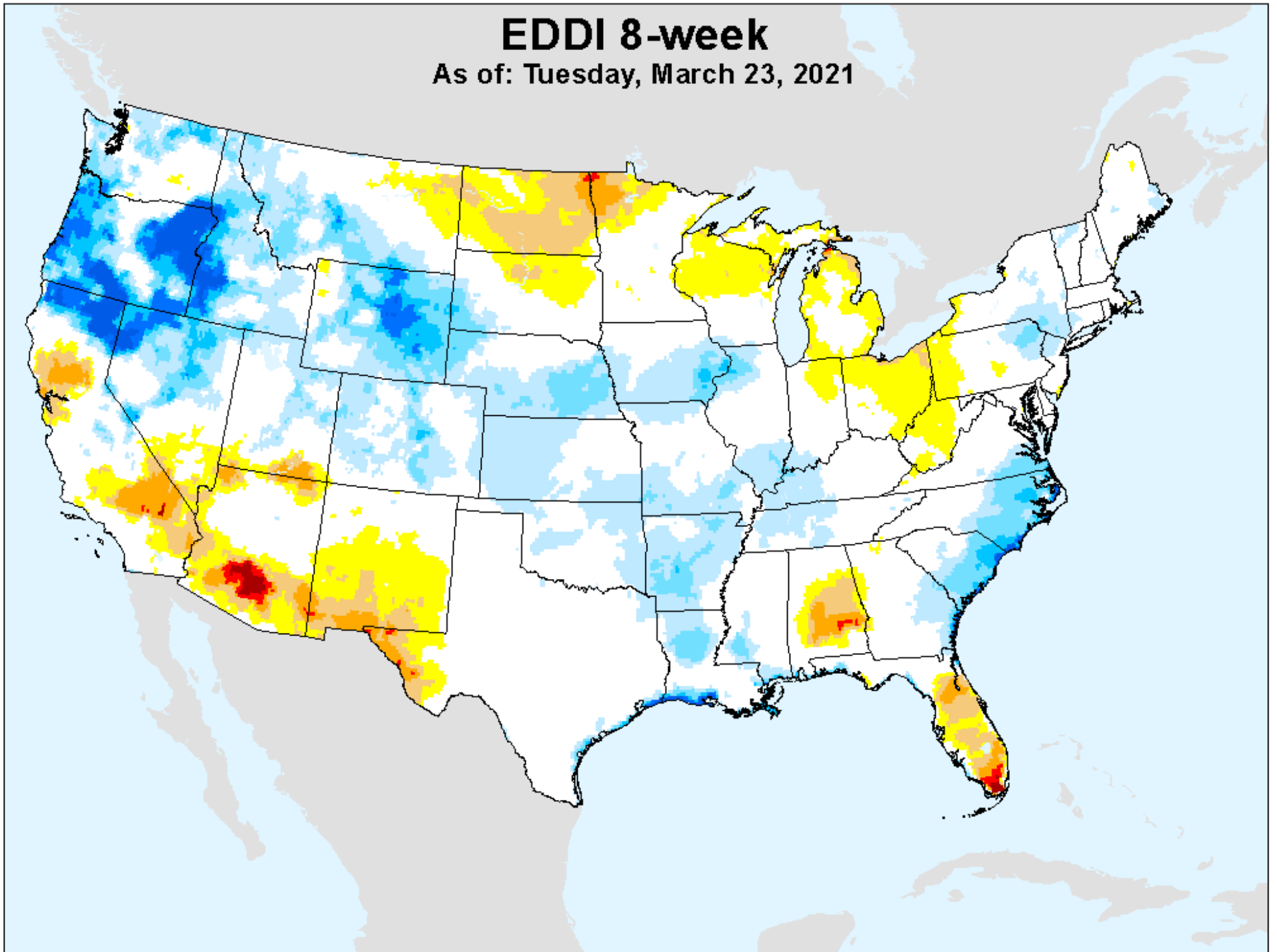
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

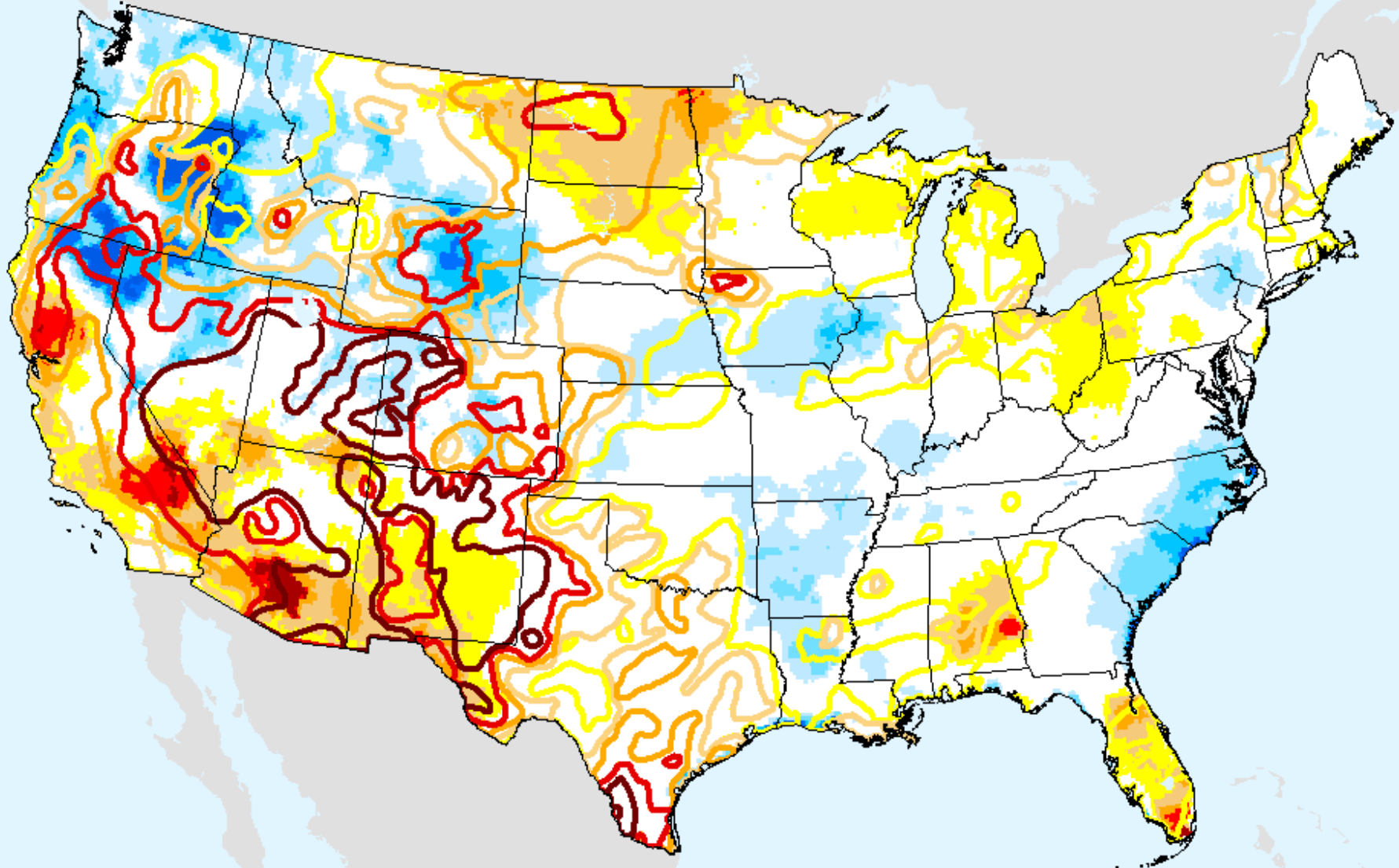
# EDDI 8-week

As of: Tuesday, March 23, 2021



# EDDI 9-week

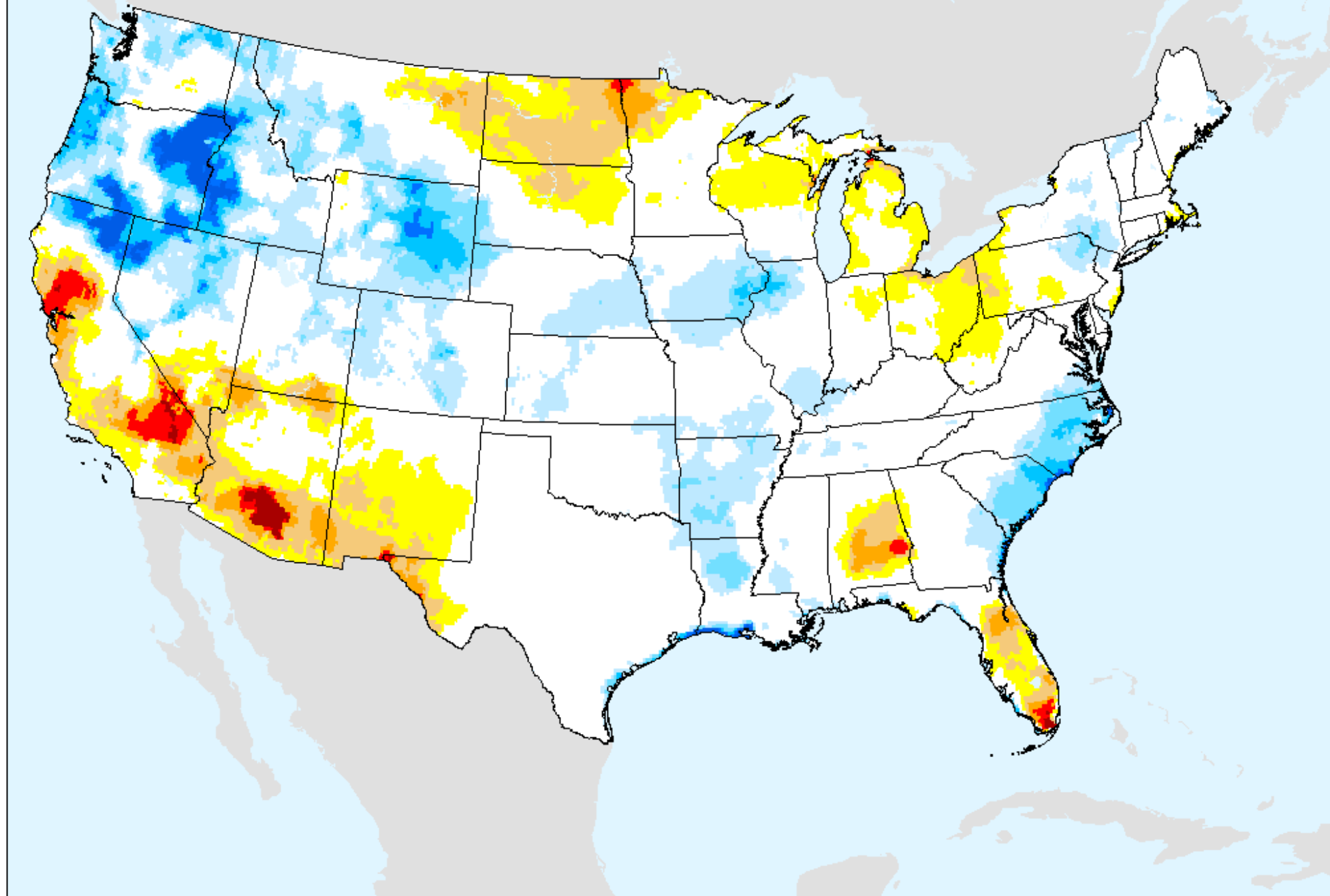
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# EDDI 9-week

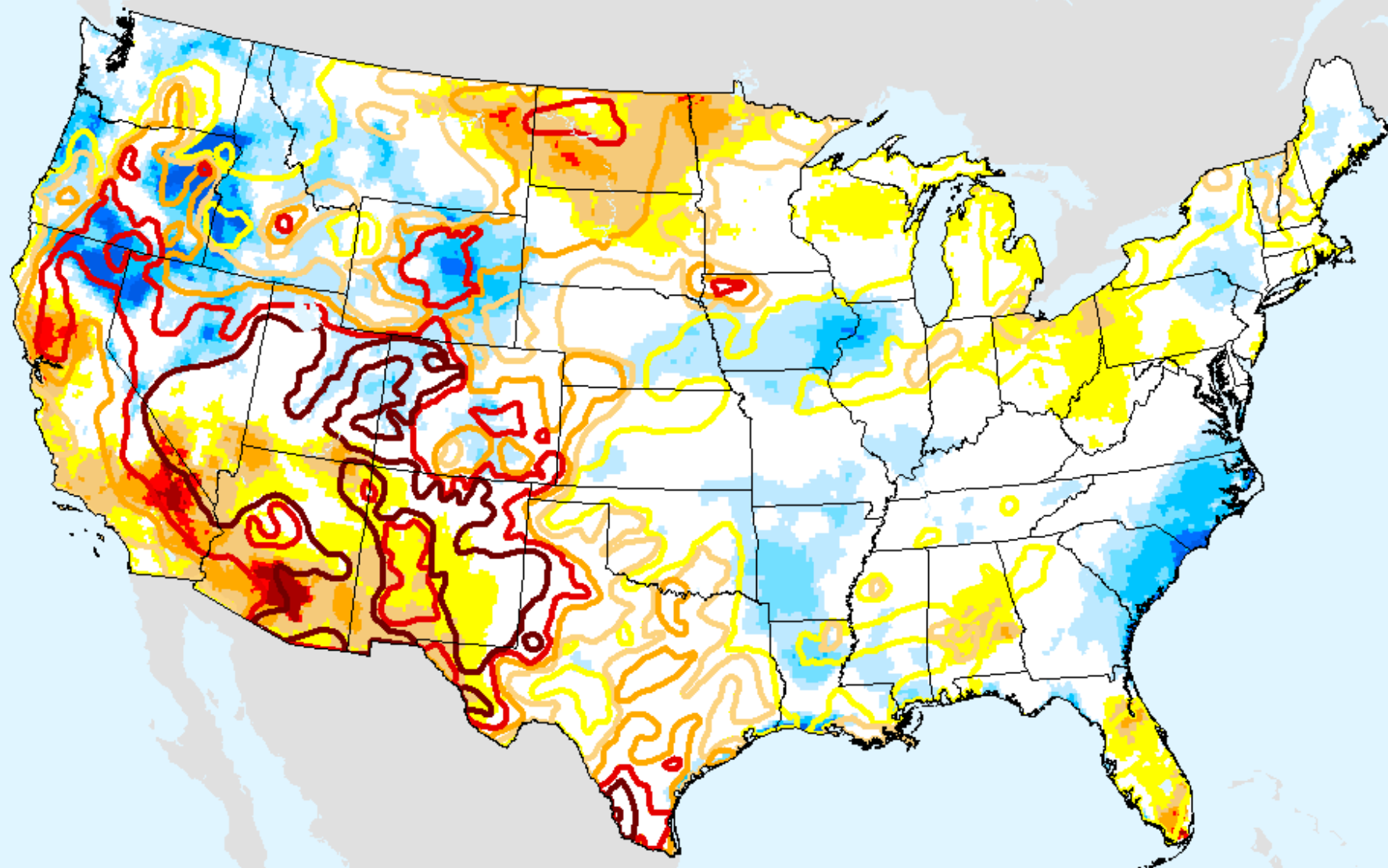
As of: Tuesday, March 23, 2021





# EDDI 10-week

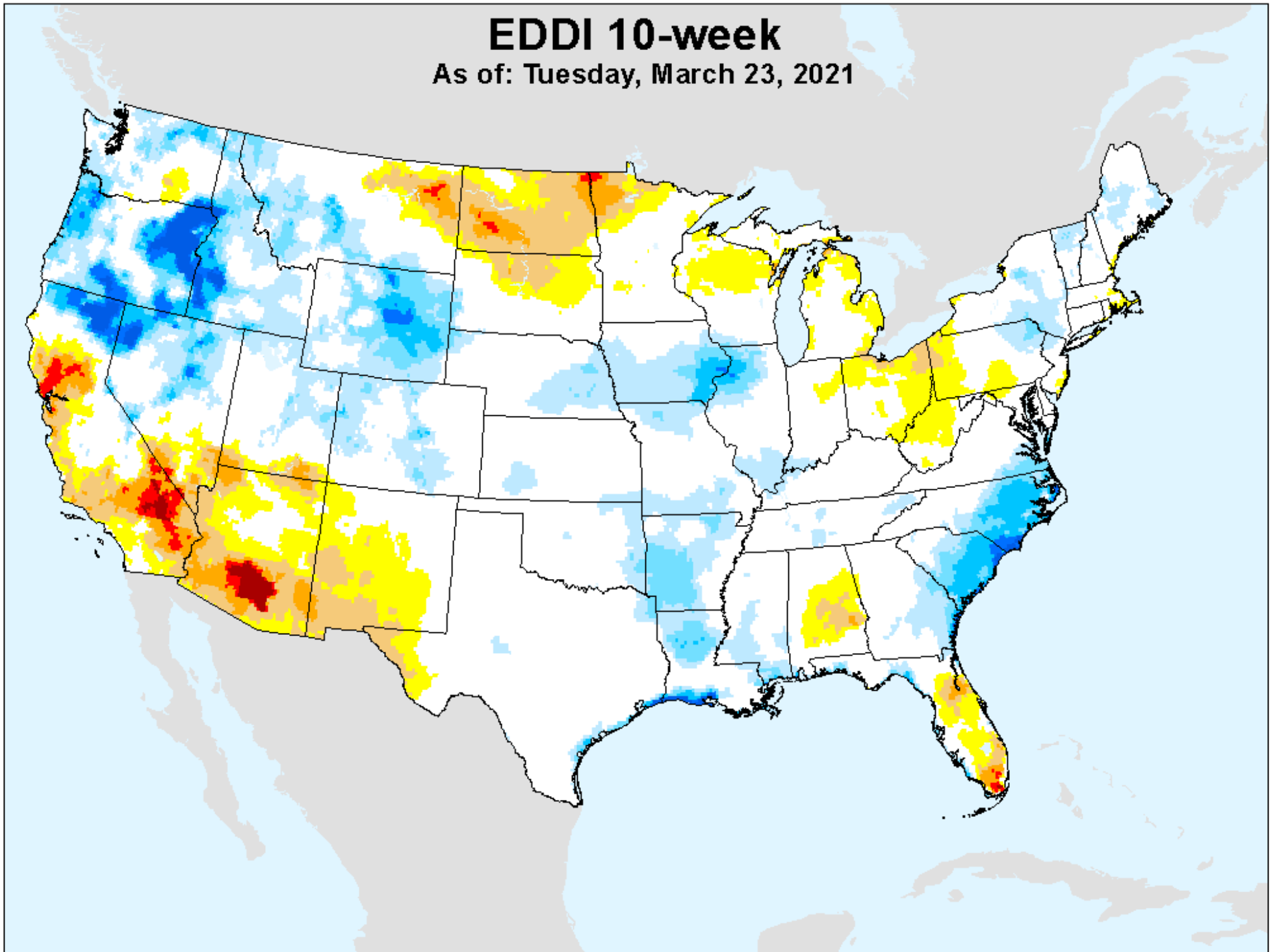
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

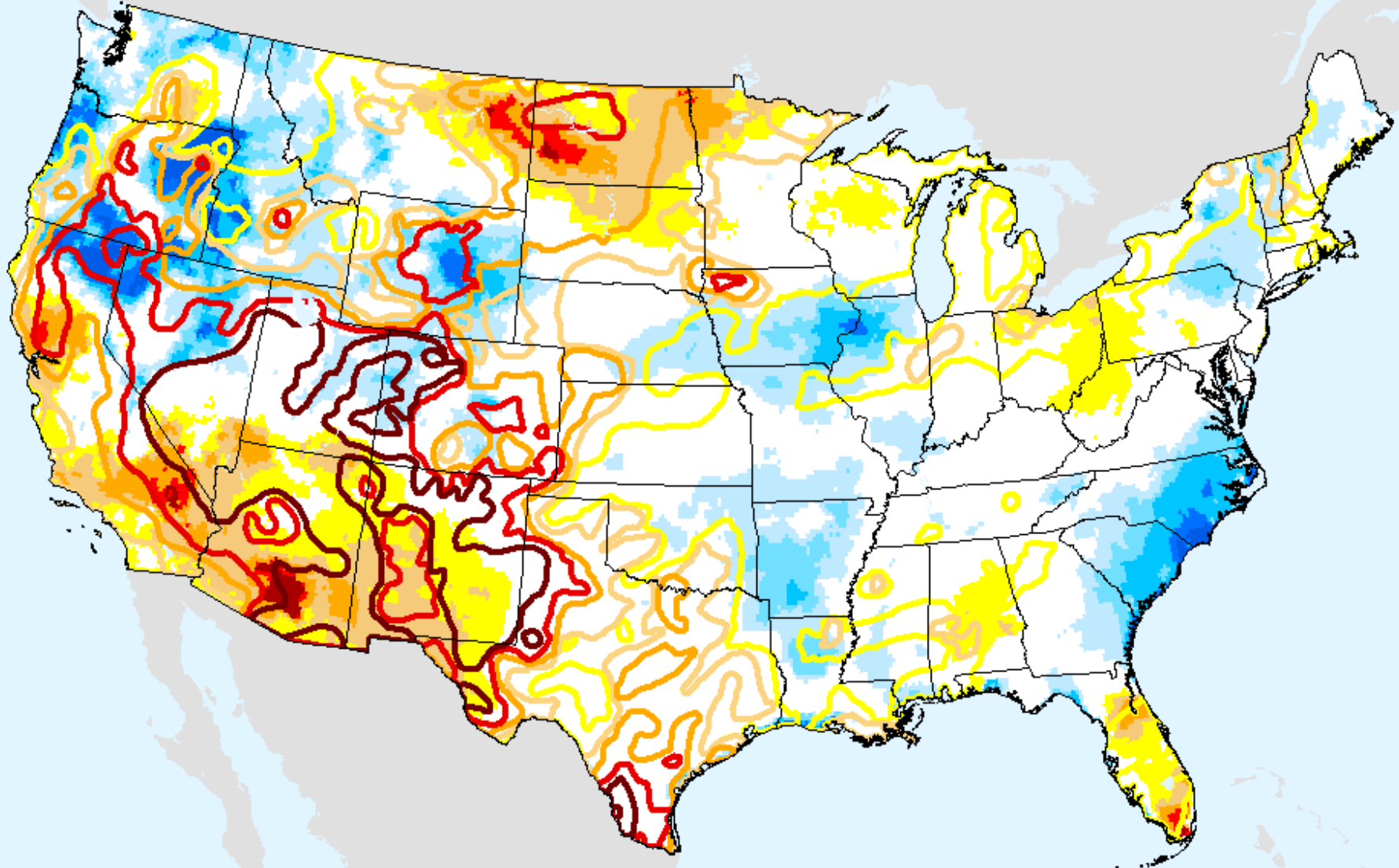
# EDDI 10-week

As of: Tuesday, March 23, 2021



# EDDI 11-week

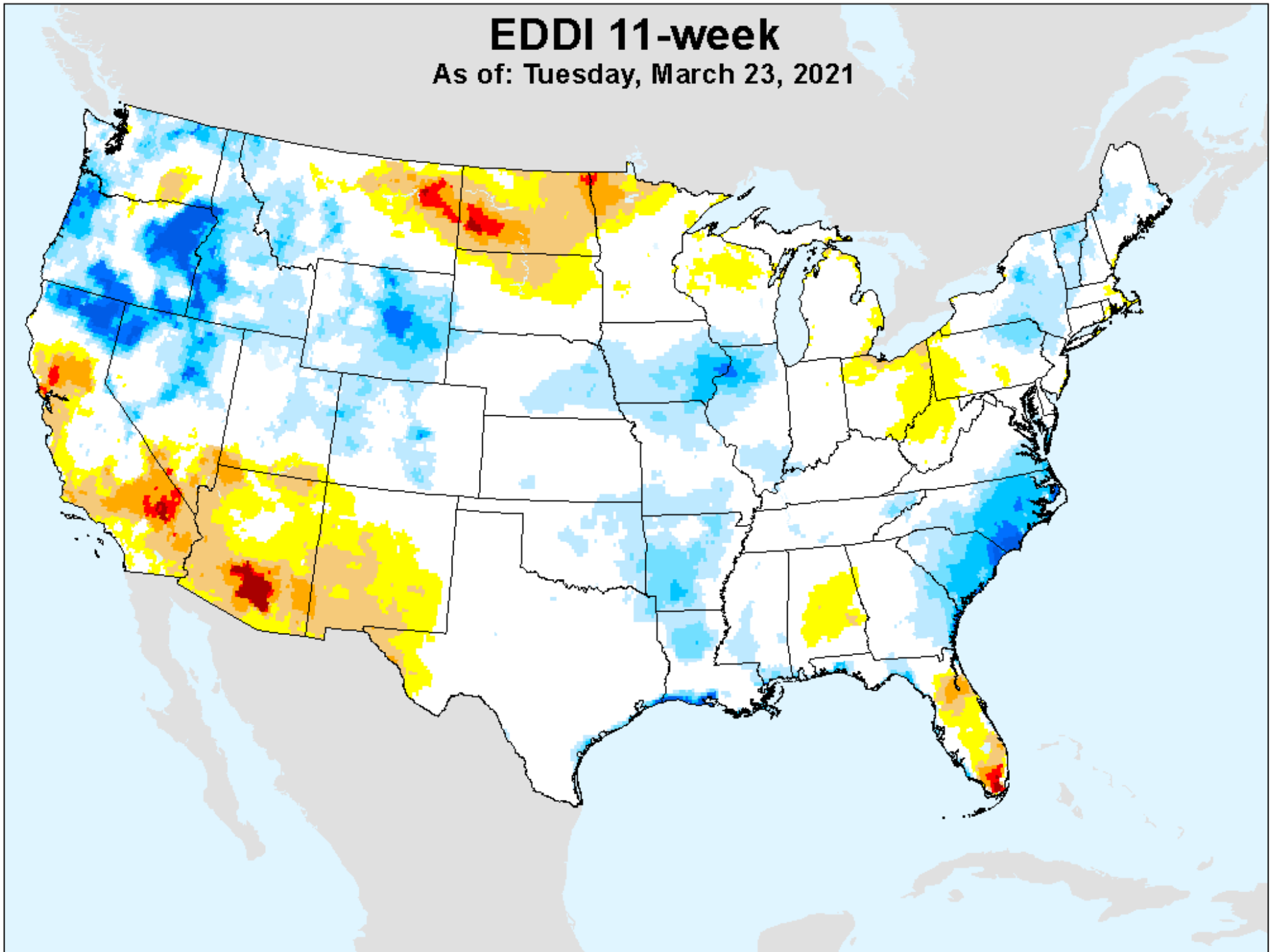
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

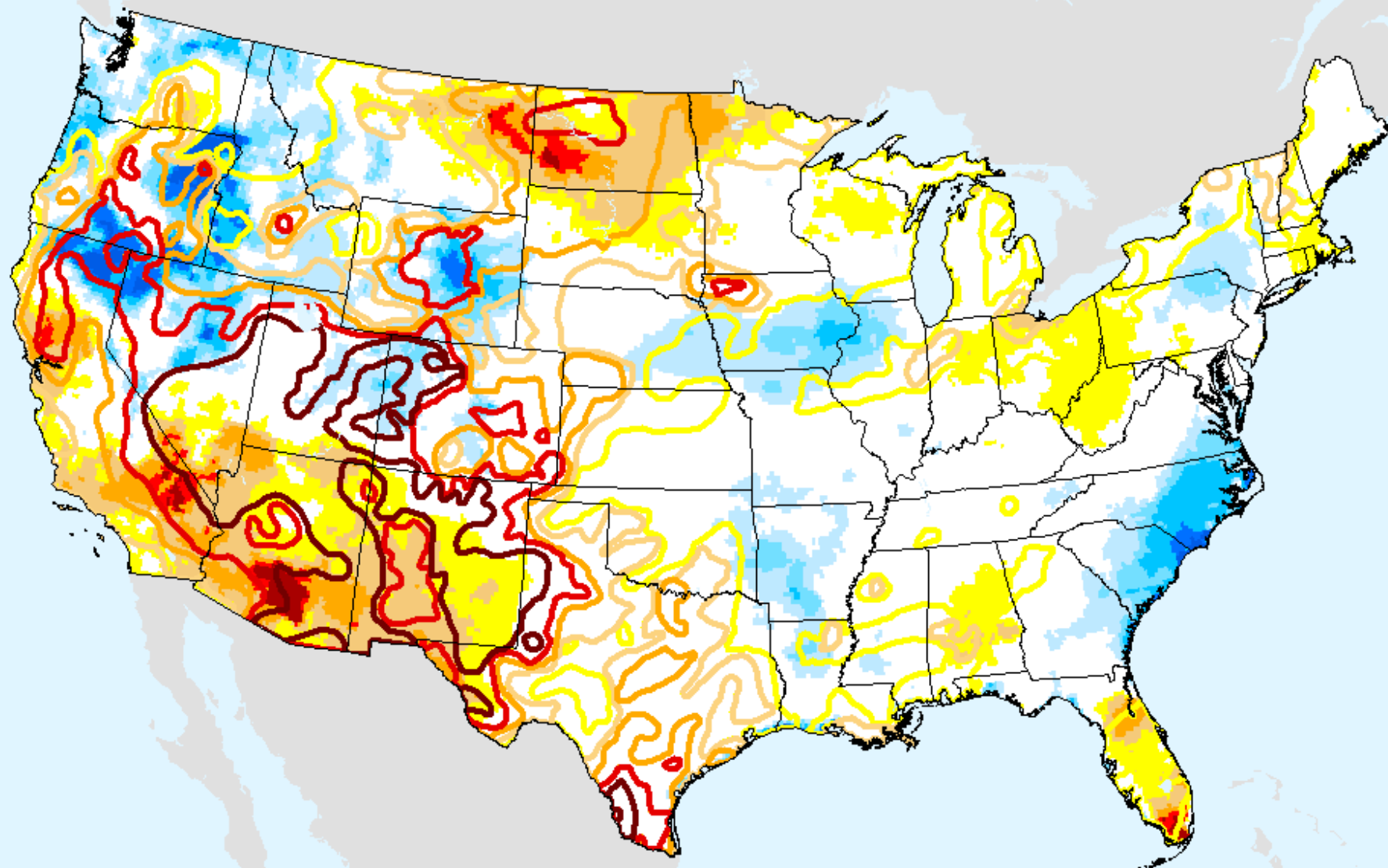
# EDDI 11-week

As of: Tuesday, March 23, 2021



# EDDI 12-week

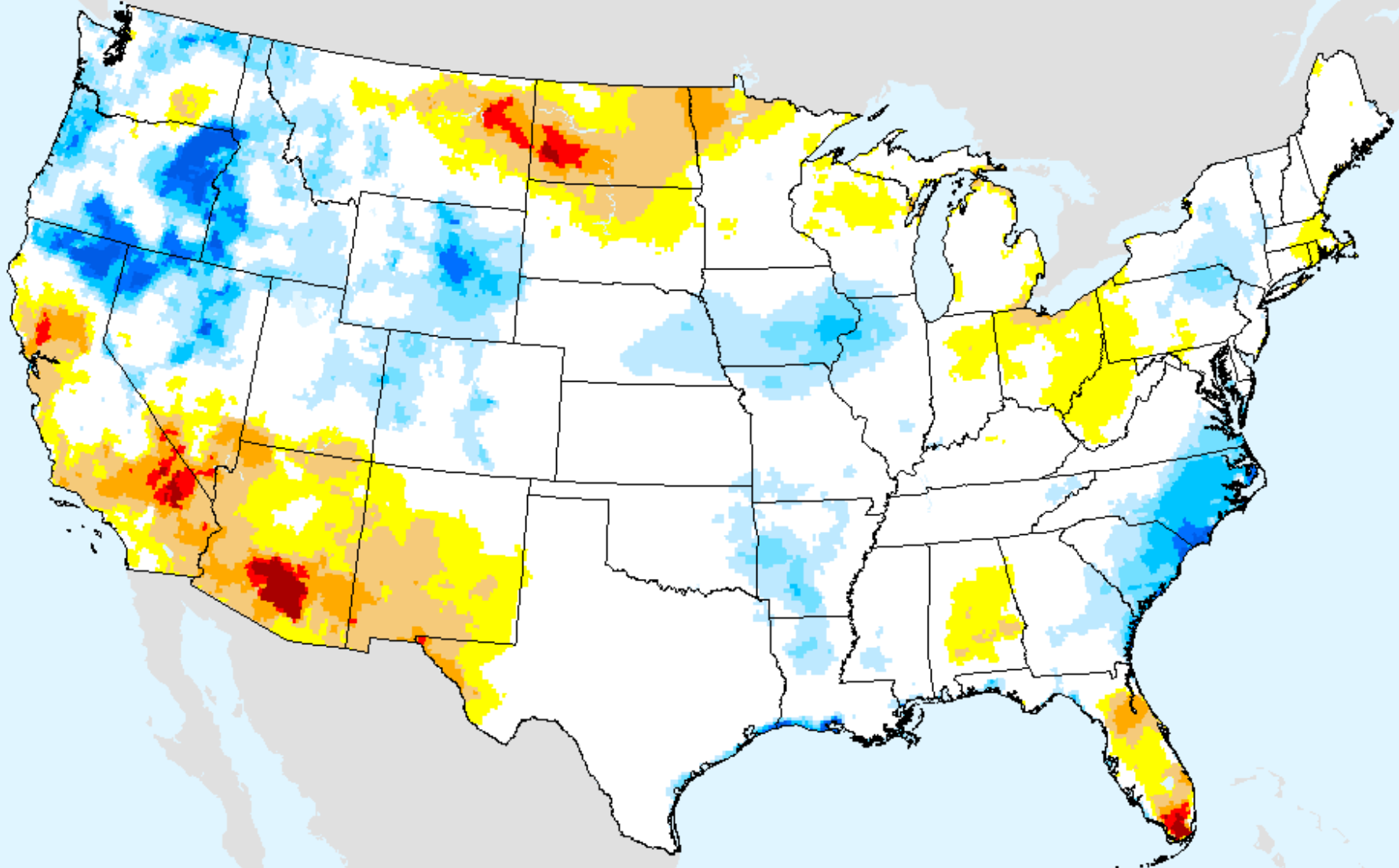
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

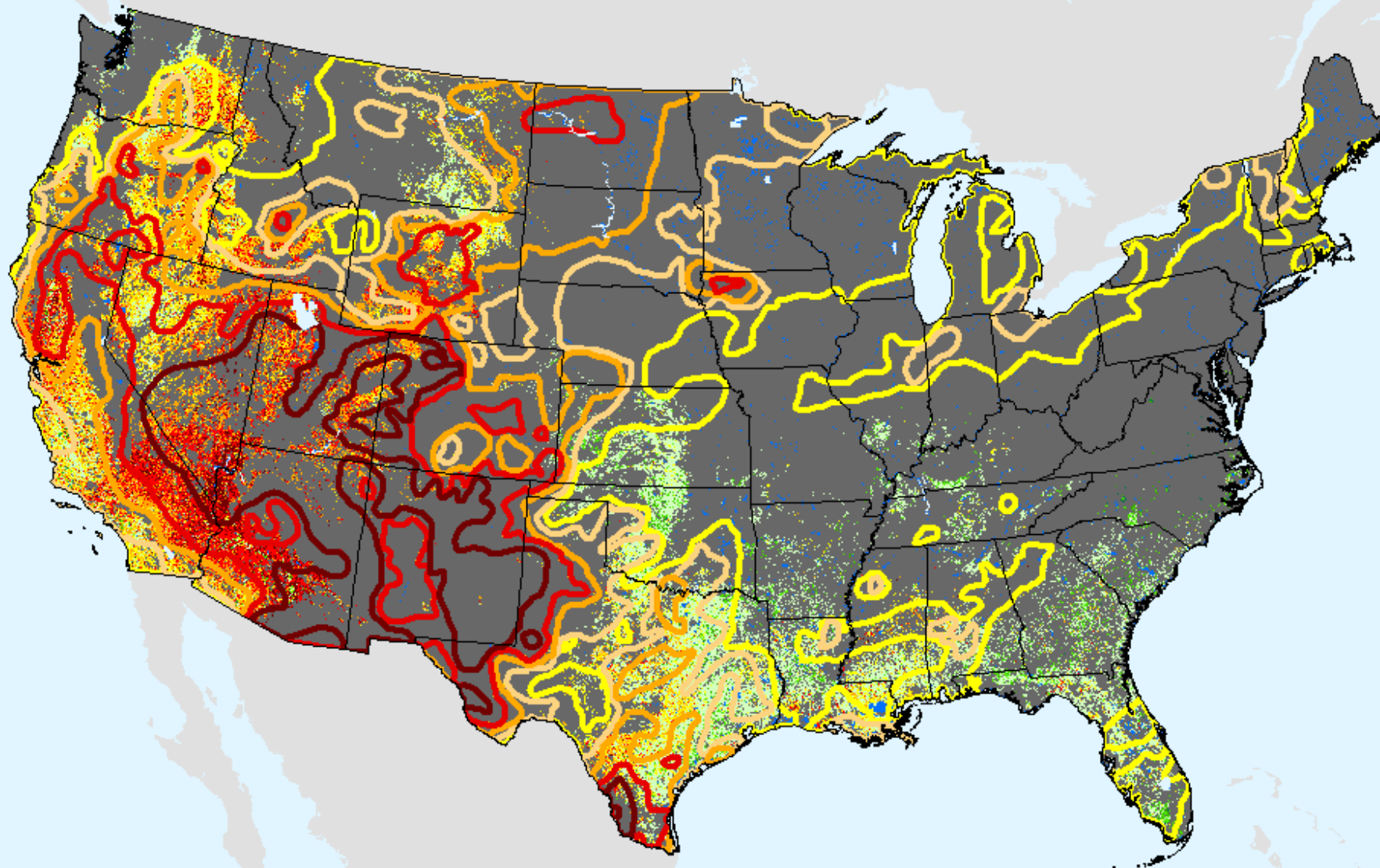
# EDDI 12-week

As of: Tuesday, March 23, 2021



# Vegetation Drought Response Index (VegDRI)

As of: Tuesday, March 23, 2021

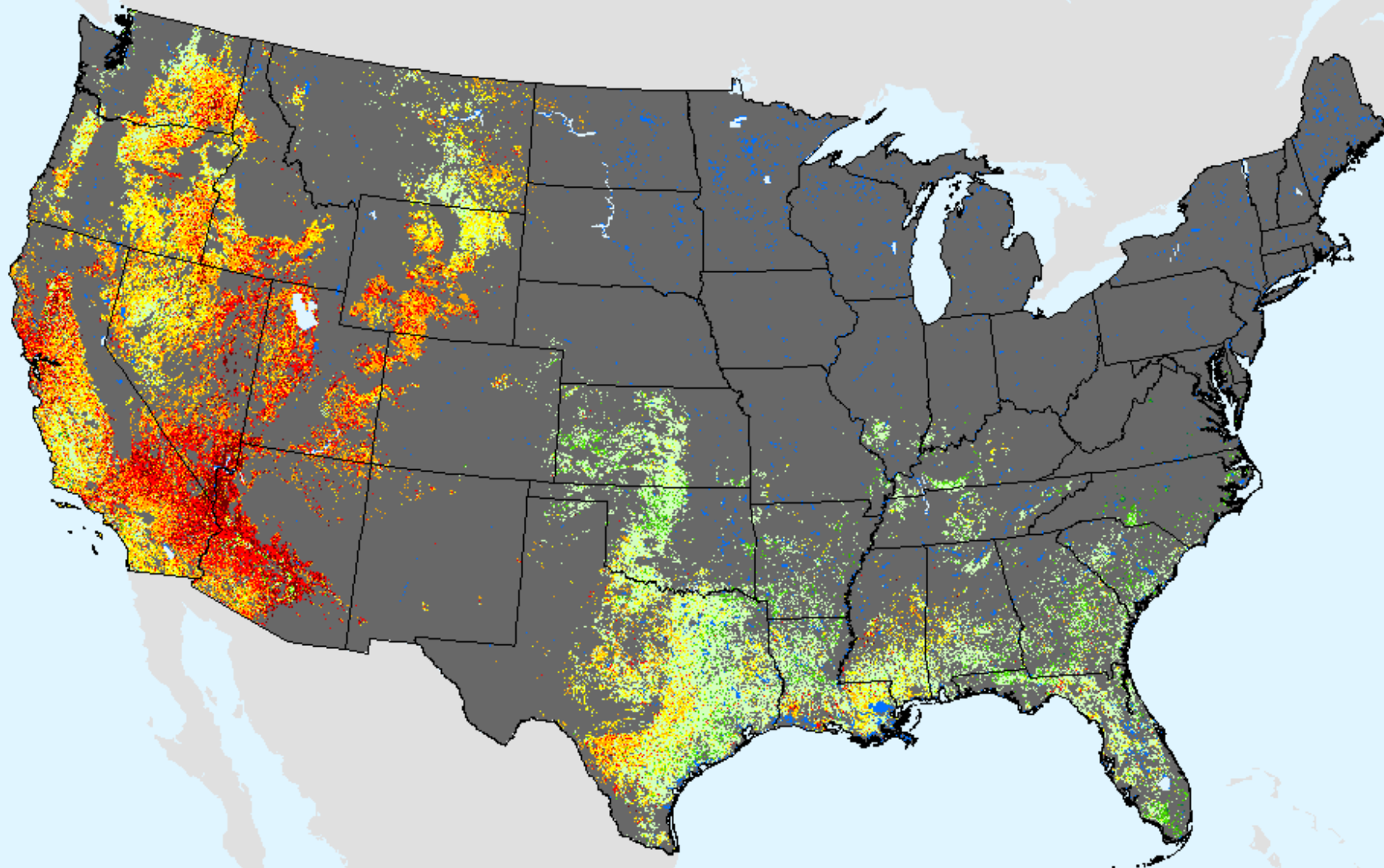


USDM for: Mar. 16, 2021

□ Background

# Vegetation Drought Response Index (VegDRI)

As of: Tuesday, March 23, 2021

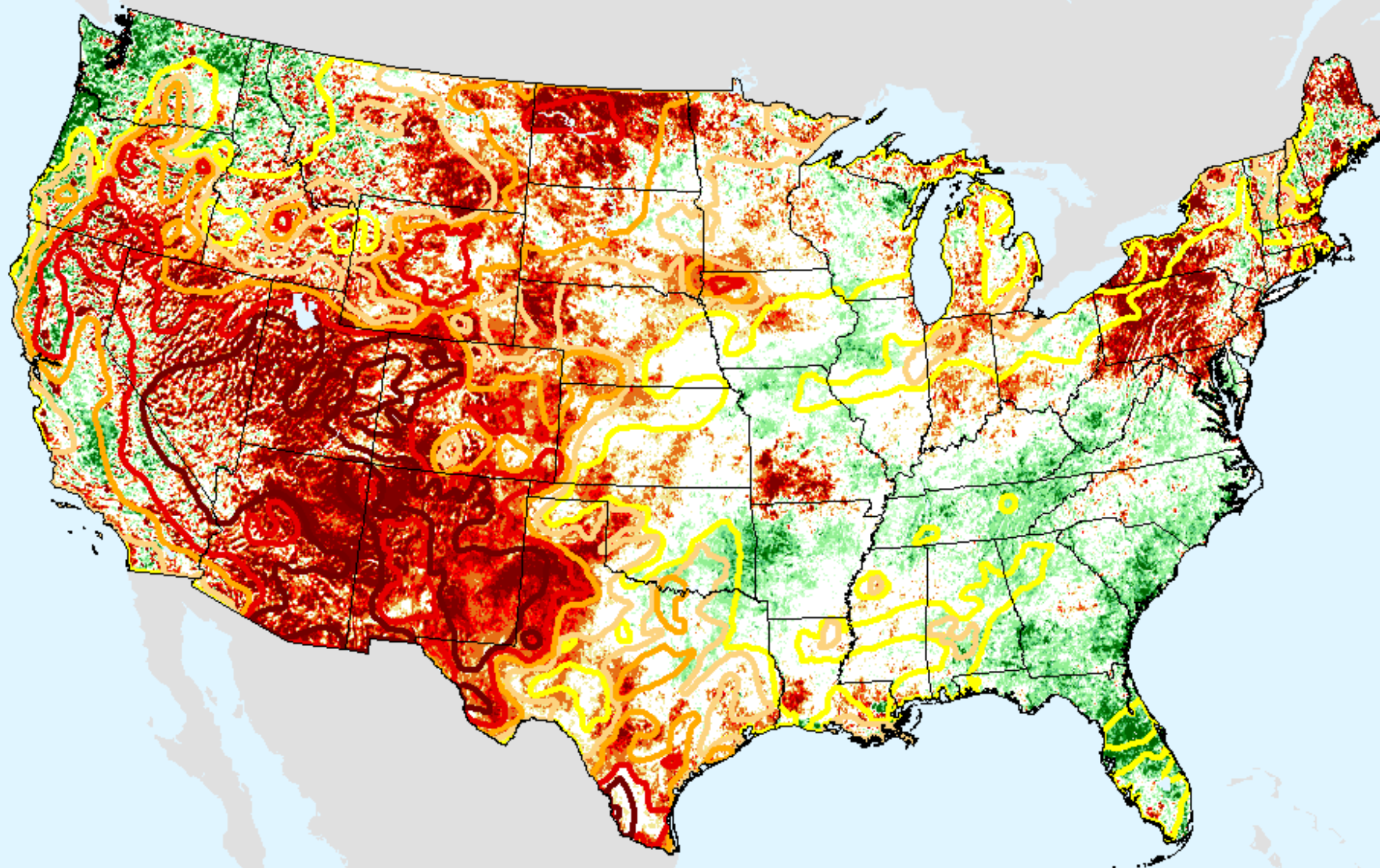


BackGround



# Evaporative Stress Index (ESI) 4-week

As of: Tuesday, March 23, 2021

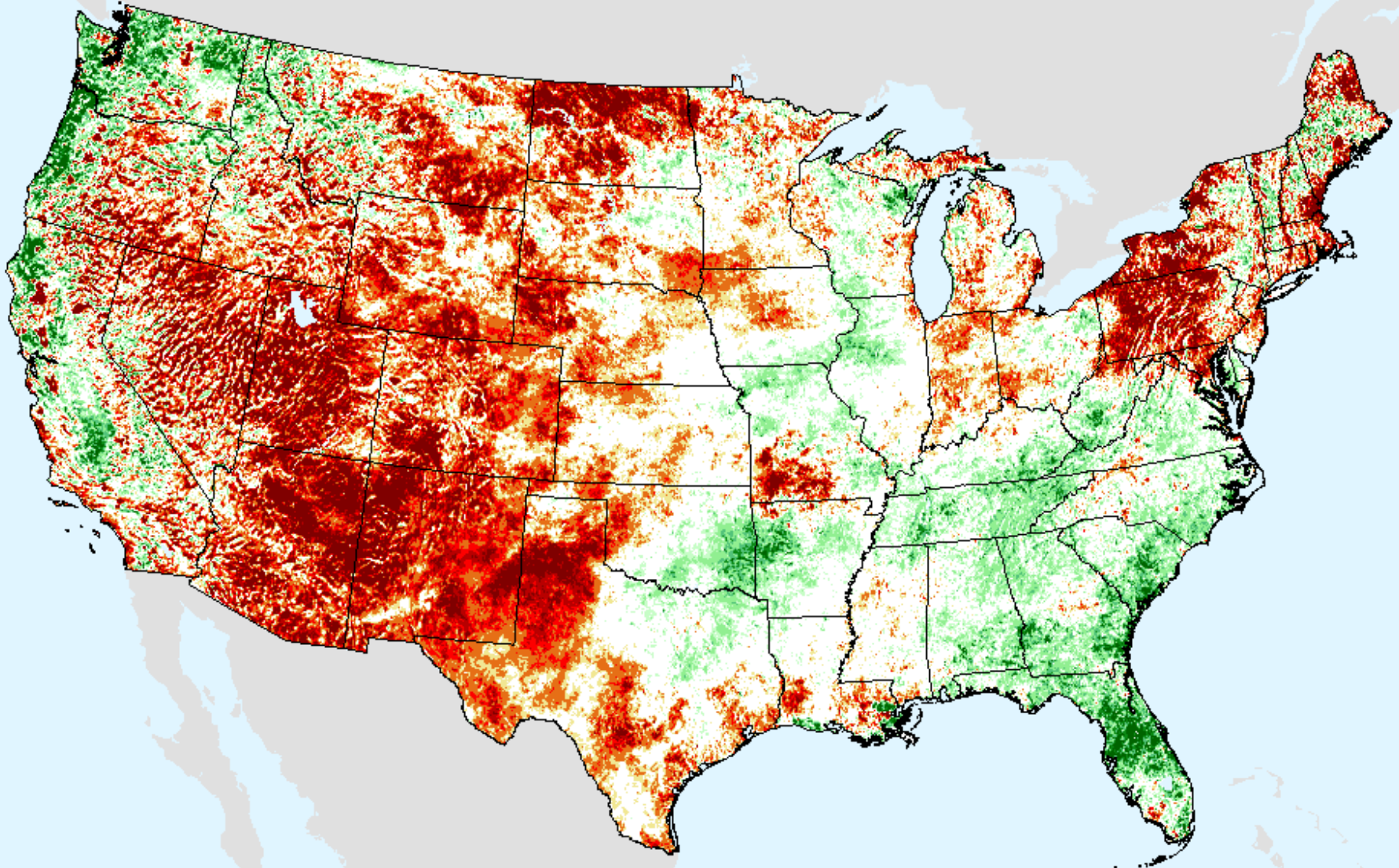


USDM for: Mar. 16, 2021

ESI

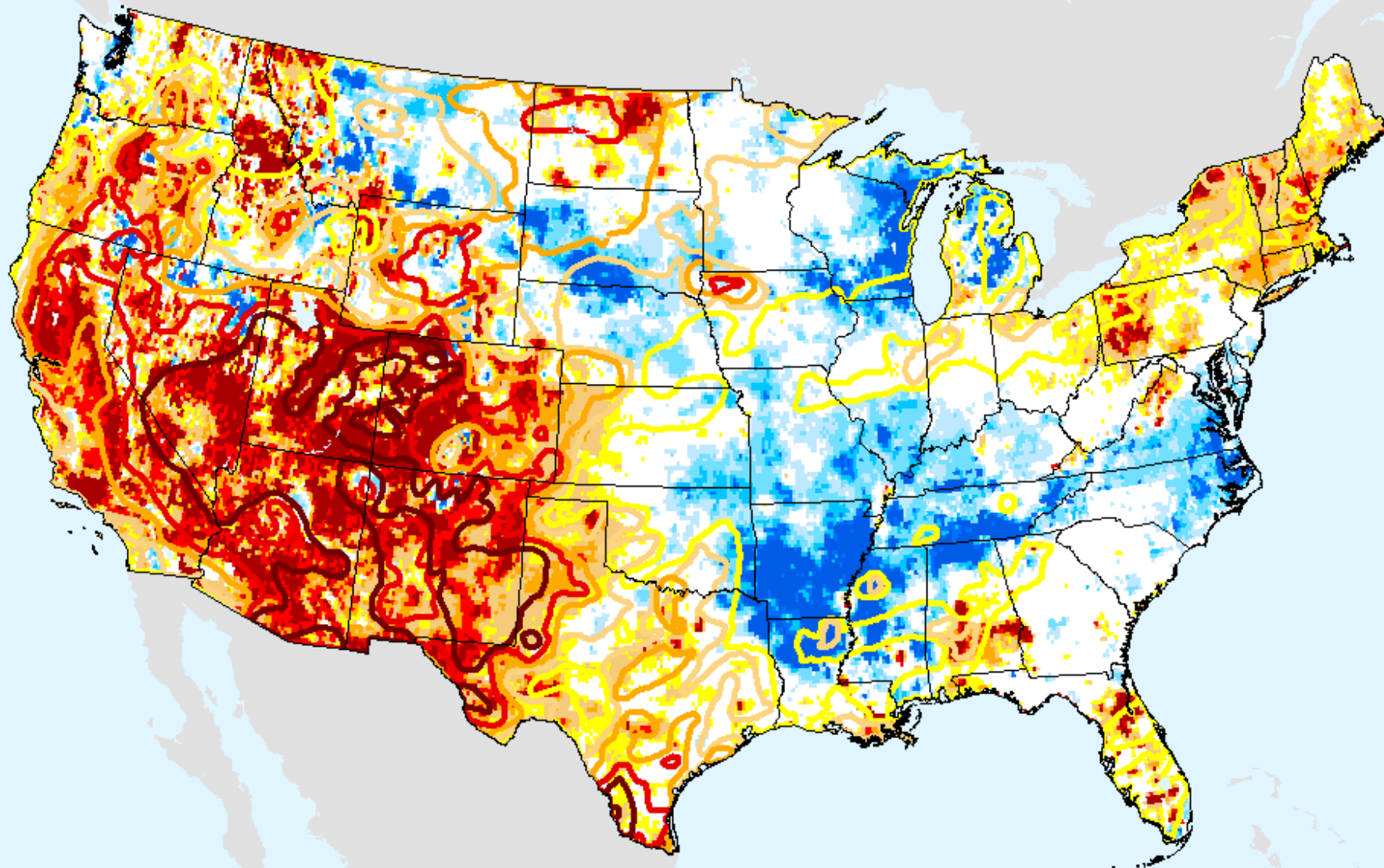
# Evaporative Stress Index (ESI) 4-week

As of: Tuesday, March 23, 2021



# GRACE-Based Shallow Groundwater Drought Indicator

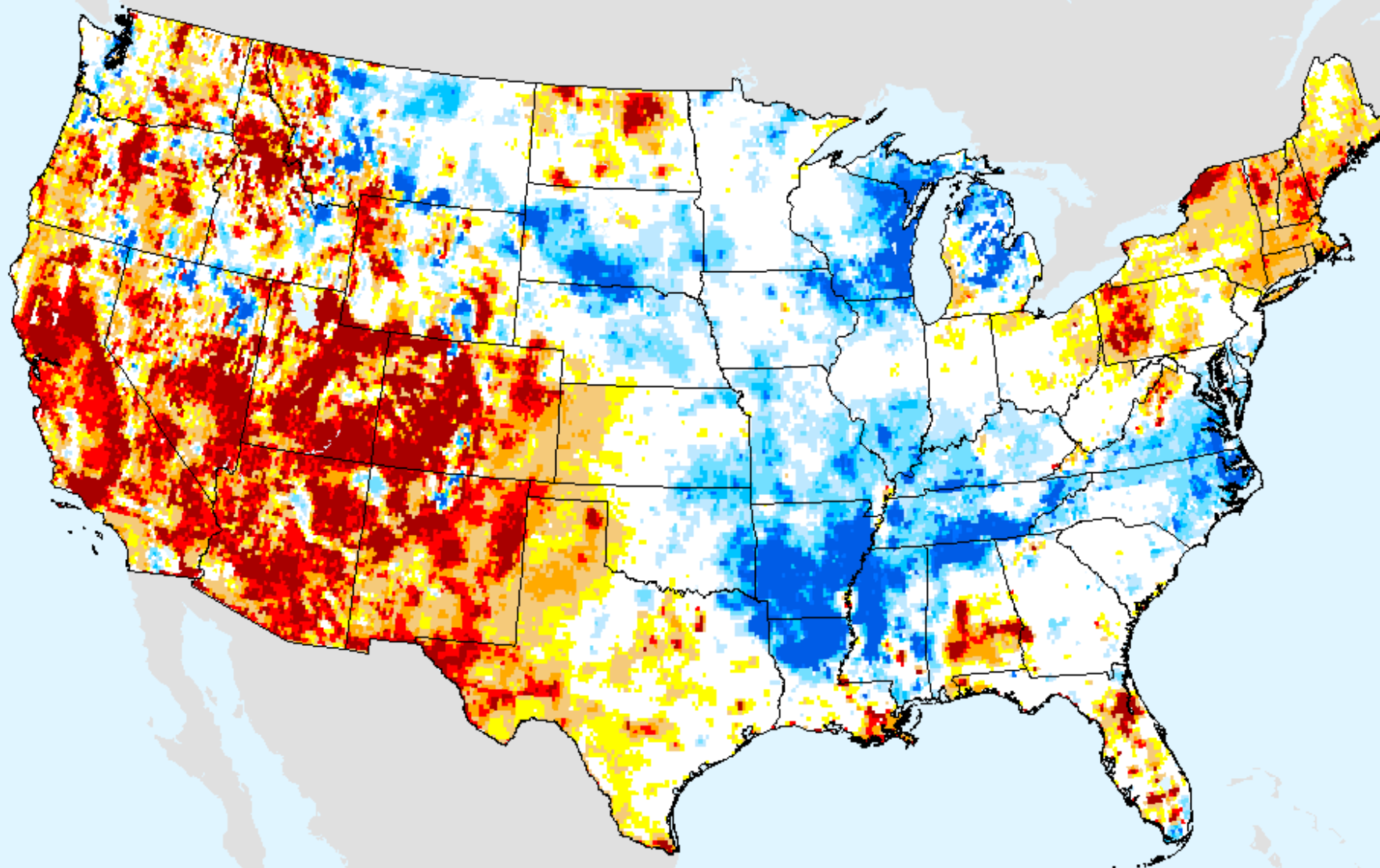
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

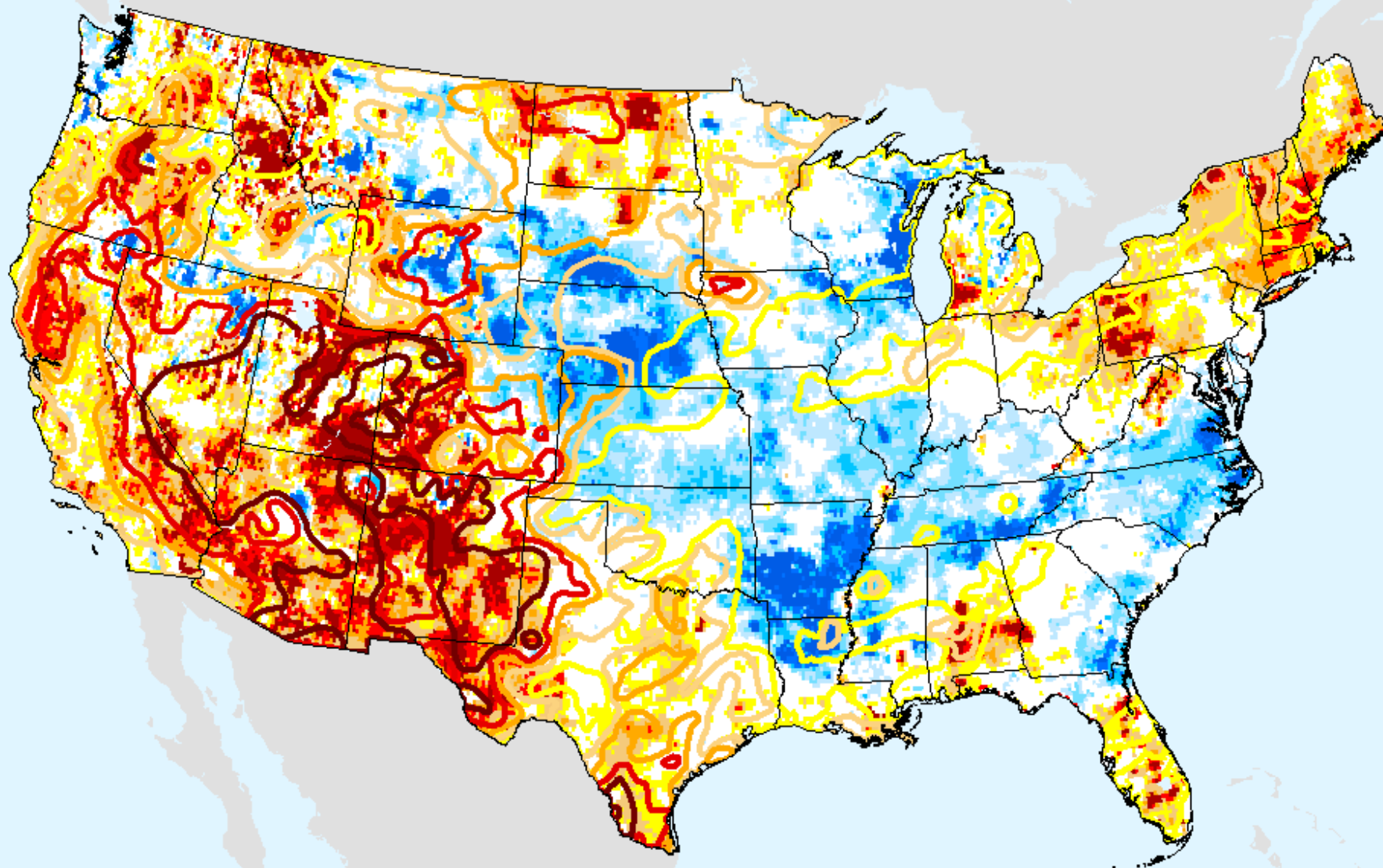
# GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, March 23, 2021



# GRACE-Based Root Zone Soil Moisture Drought Indicator

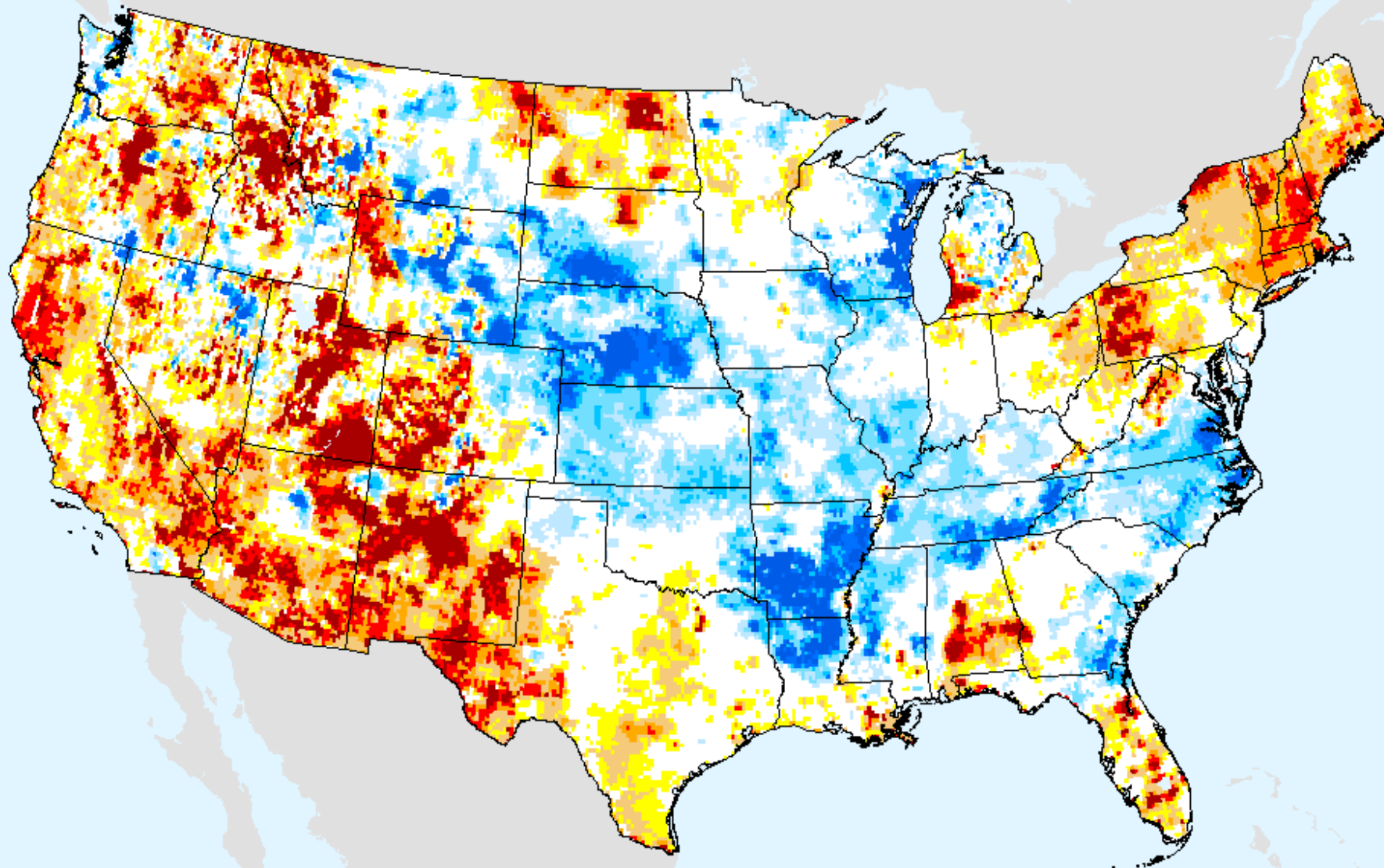
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

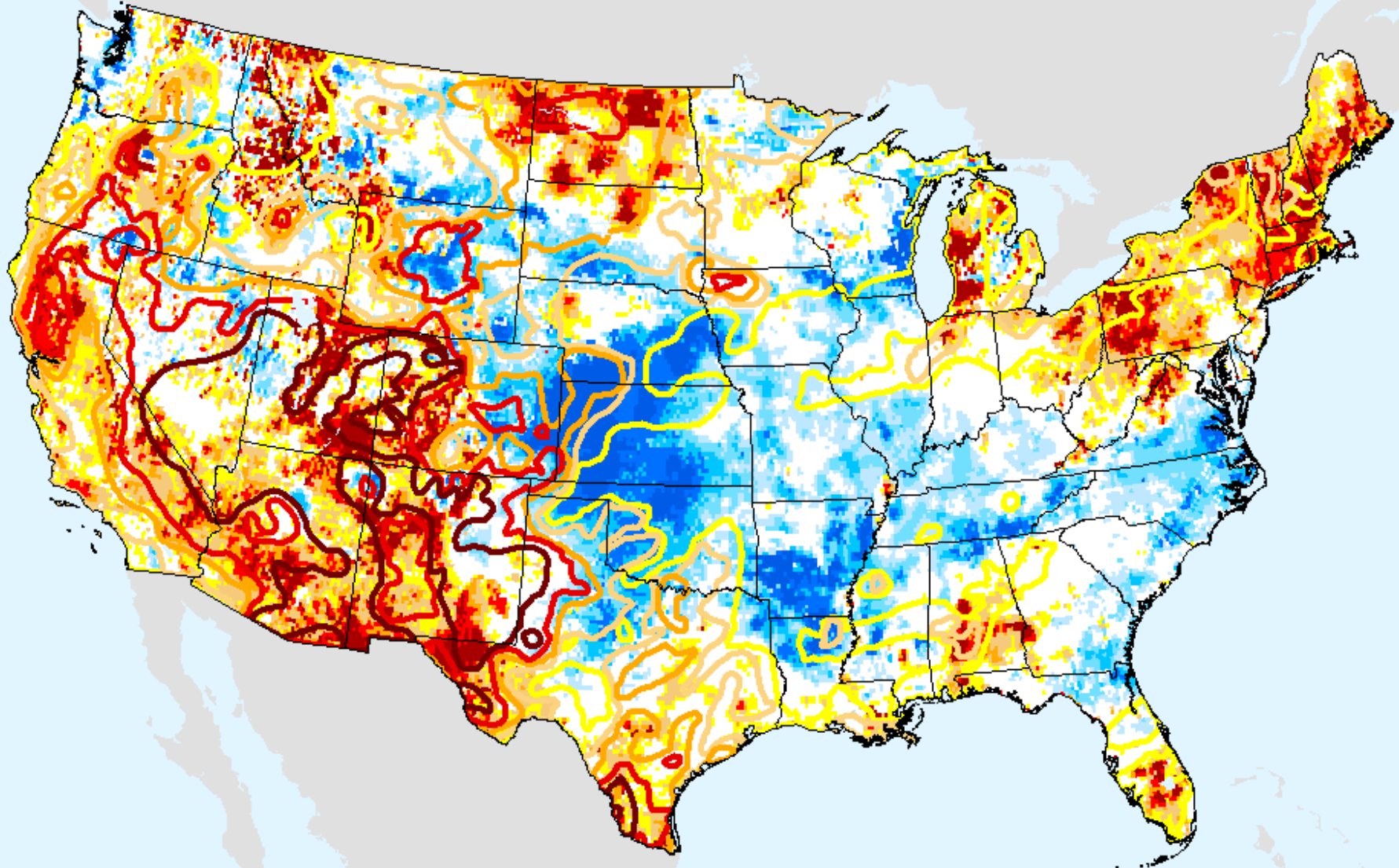
# GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, March 23, 2021



# GRACE-Based Surface Soil Moisture Drought Indicator

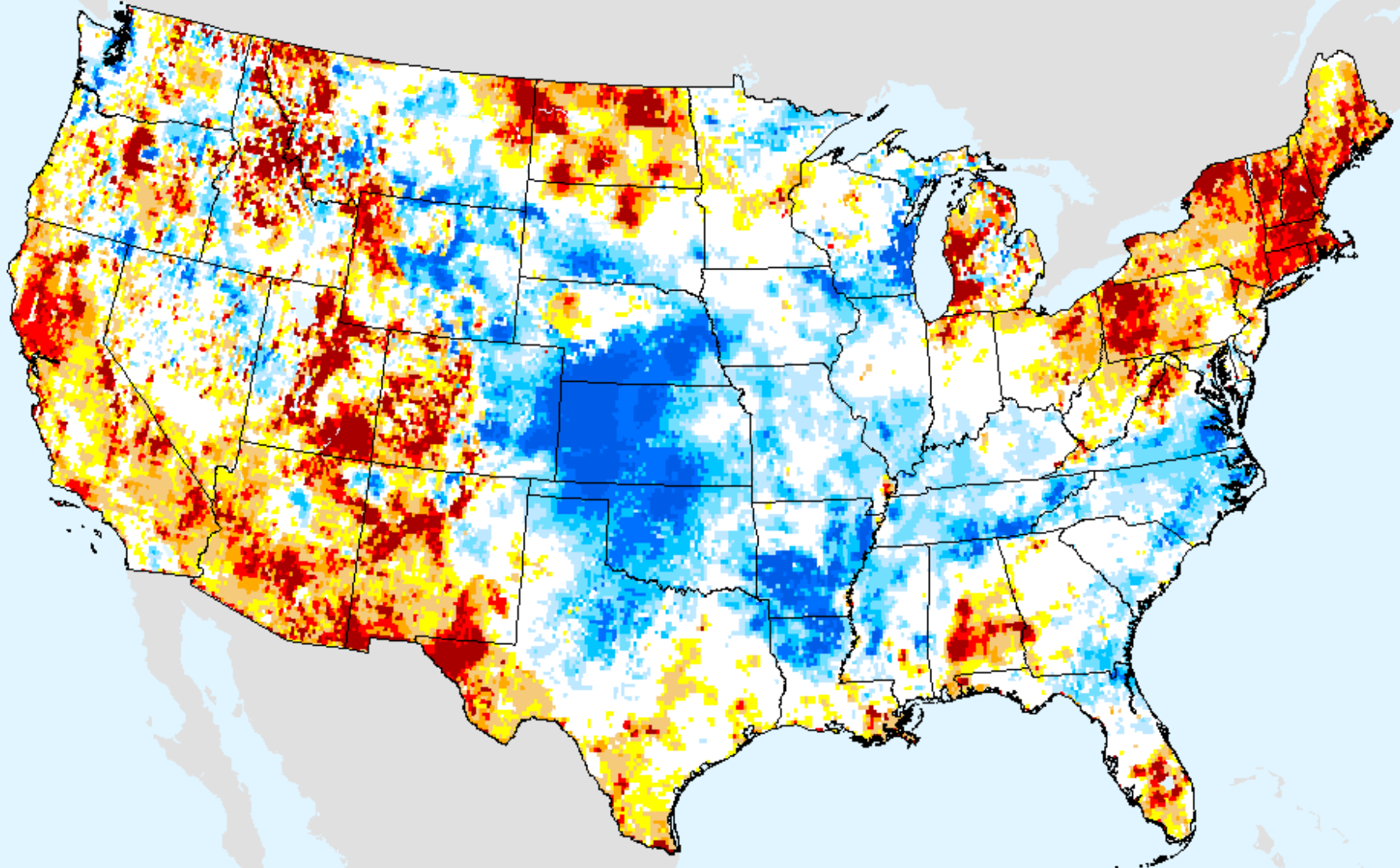
As of: Tuesday, March 23, 2021



USDM for: Mar. 16, 2021

# GRACE-Based Surface Soil Moisture Drought Indicator

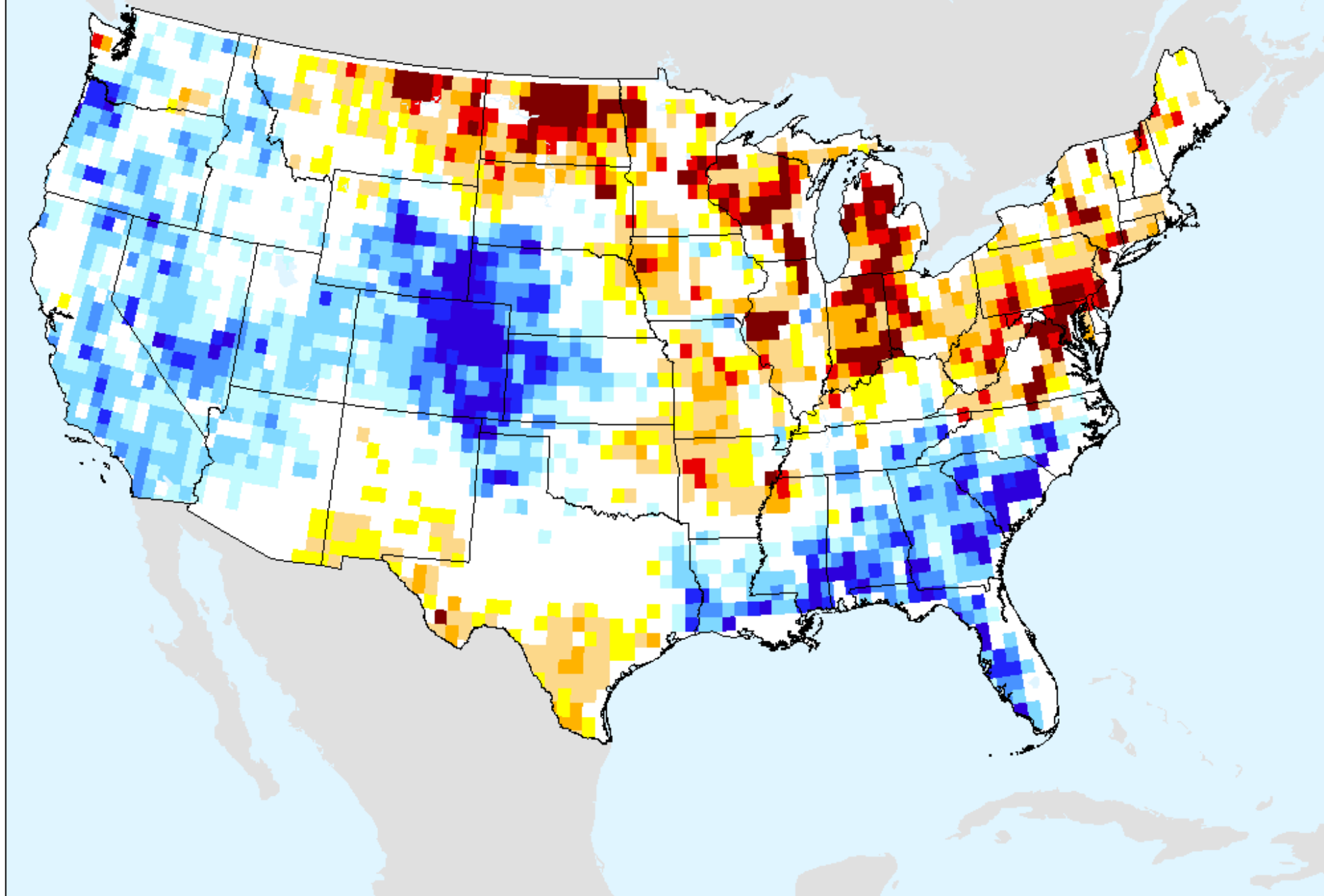
As of: Tuesday, March 23, 2021





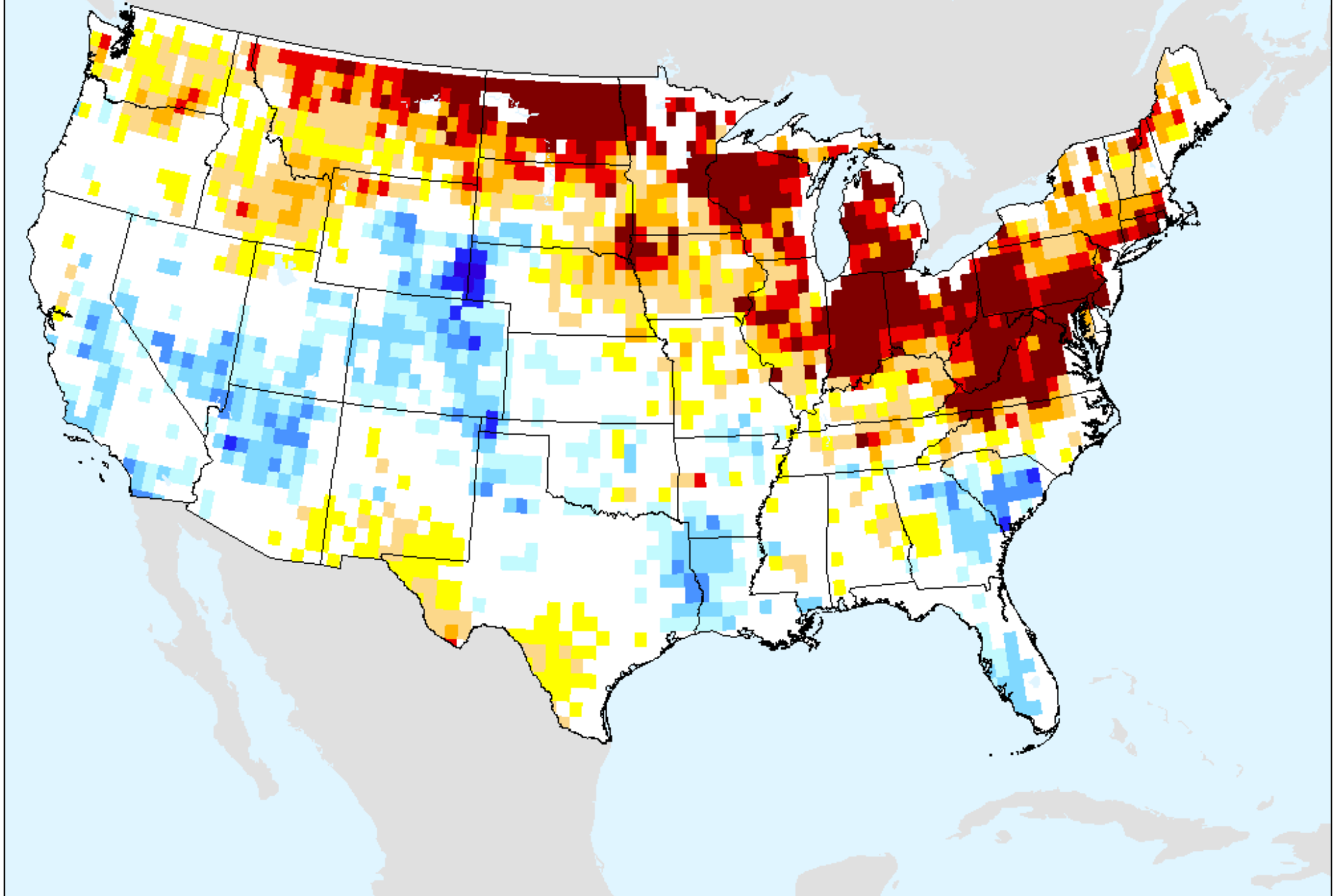
# AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, March 23, 2021



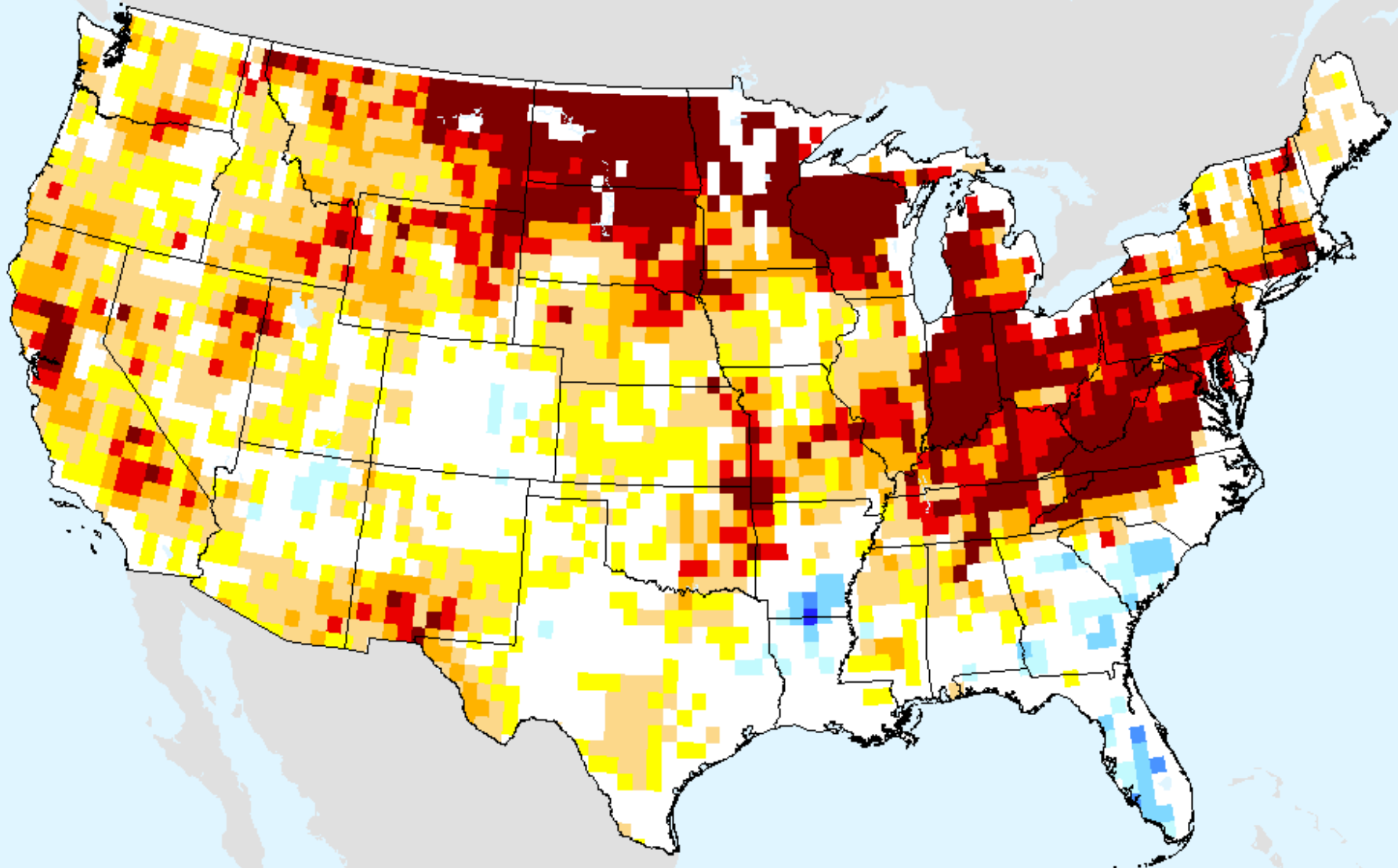
# AIRS-Based Surface Relative Humidity 14 Day

As of: Tuesday, March 23, 2021



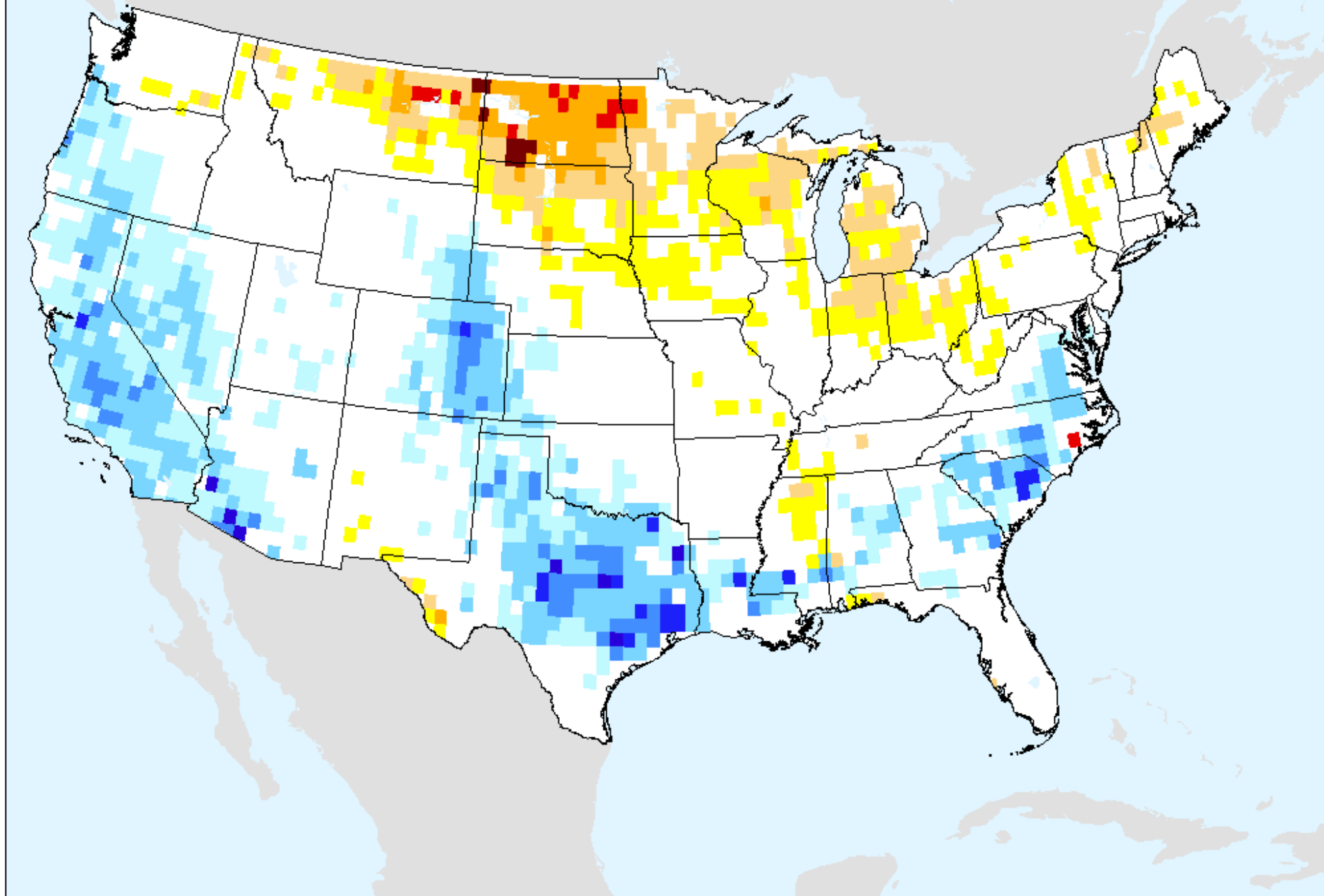
# AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, March 23, 2021



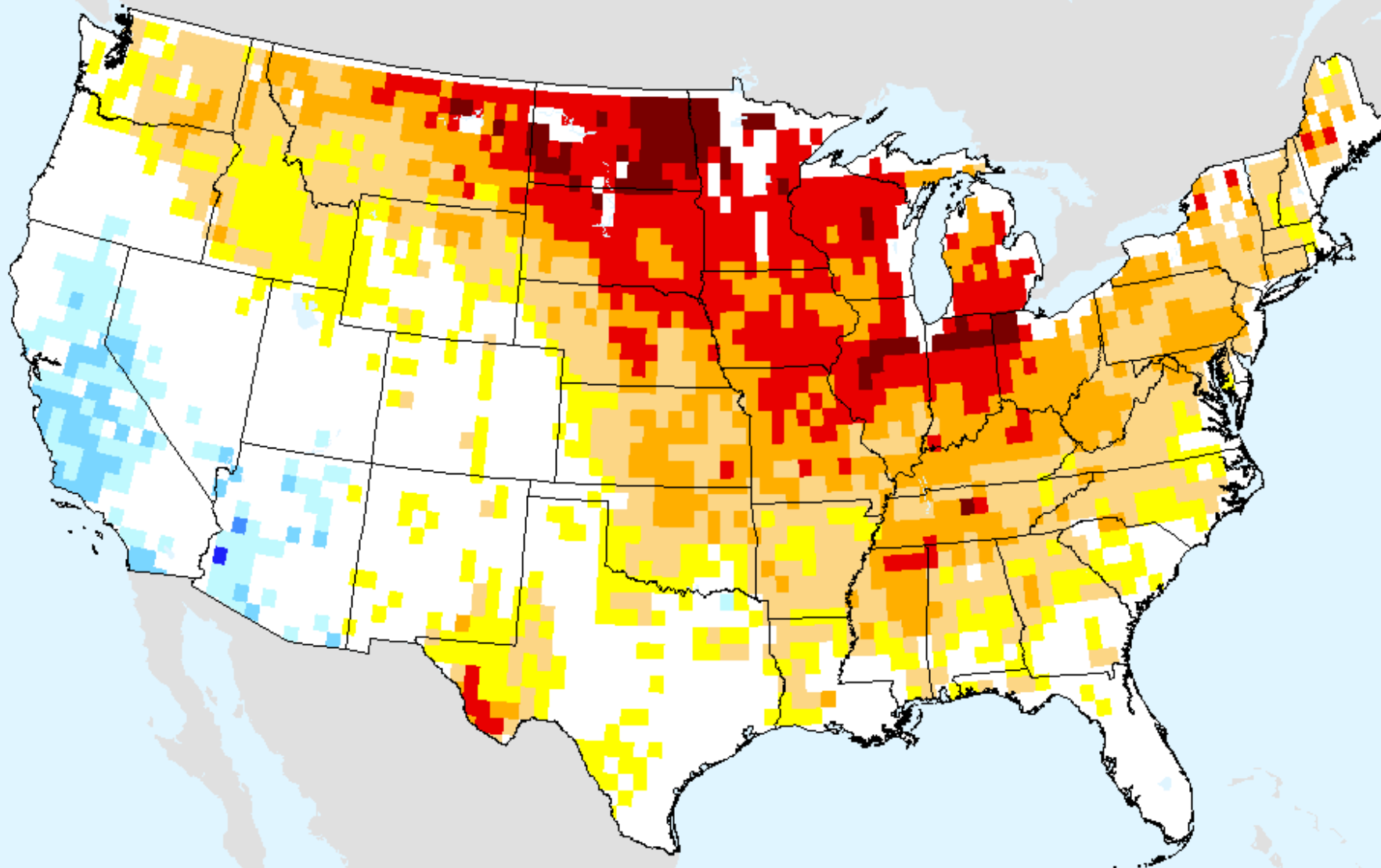
# AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Tuesday, March 23, 2021



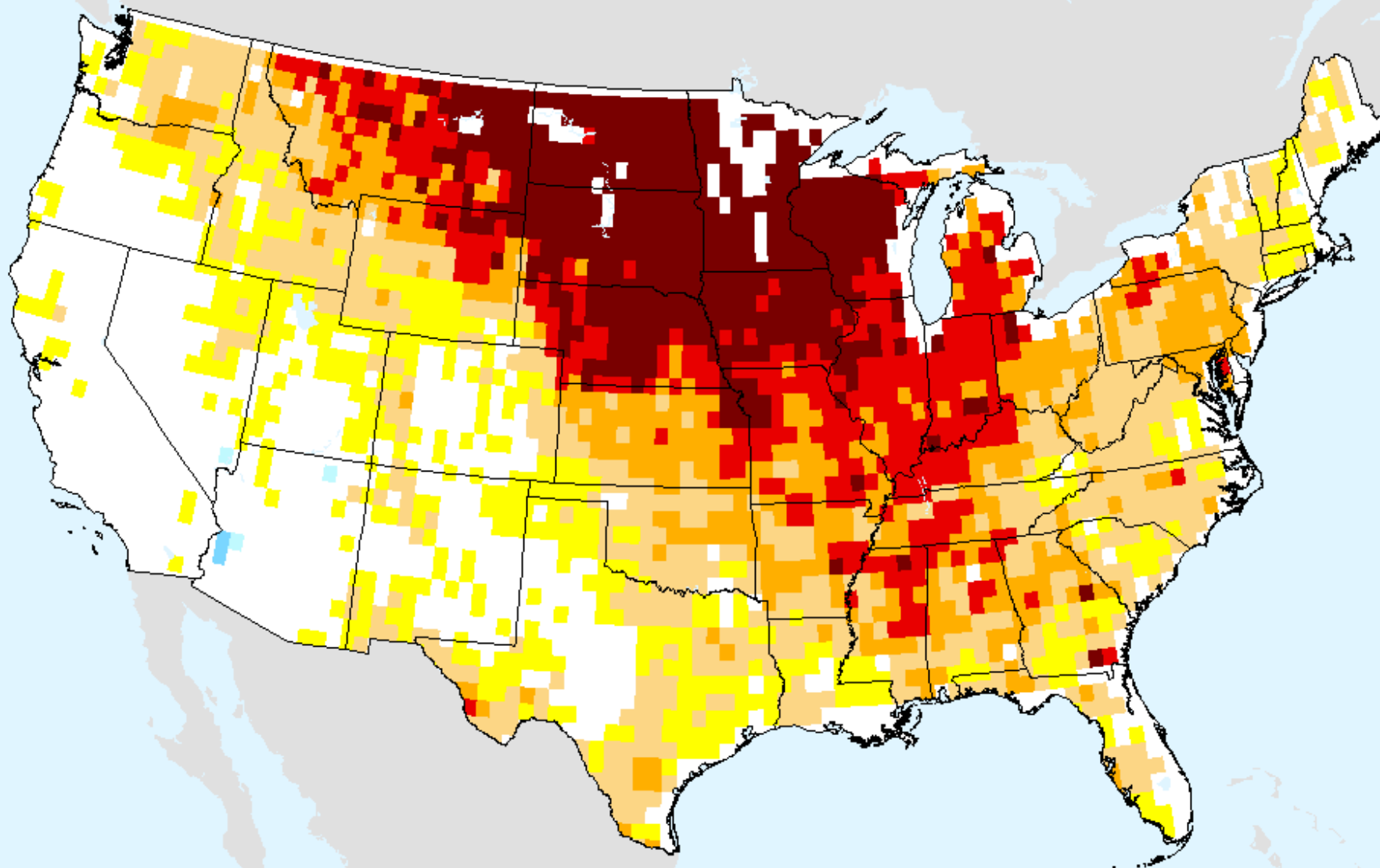
# AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Tuesday, March 23, 2021



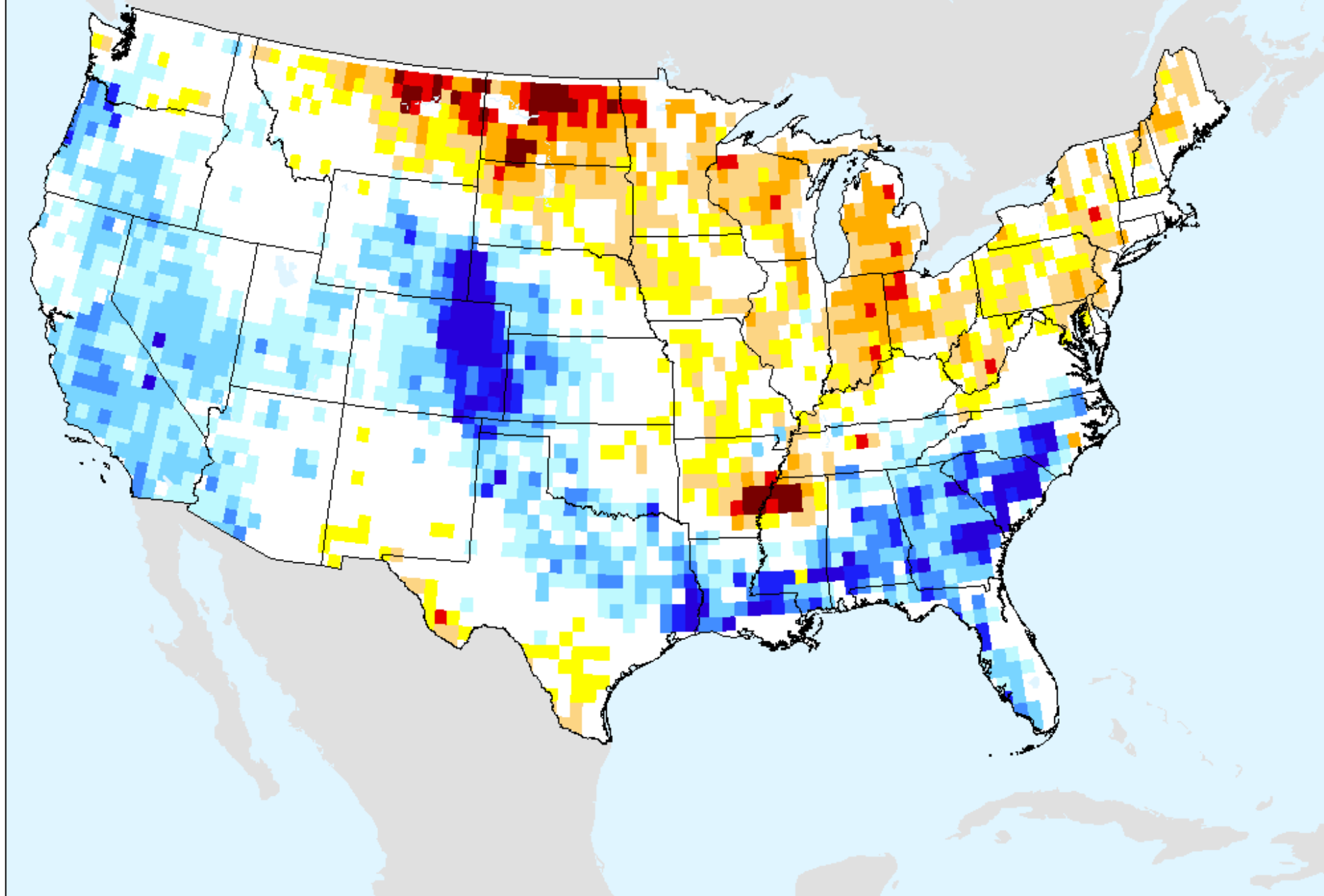
# AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, March 23, 2021



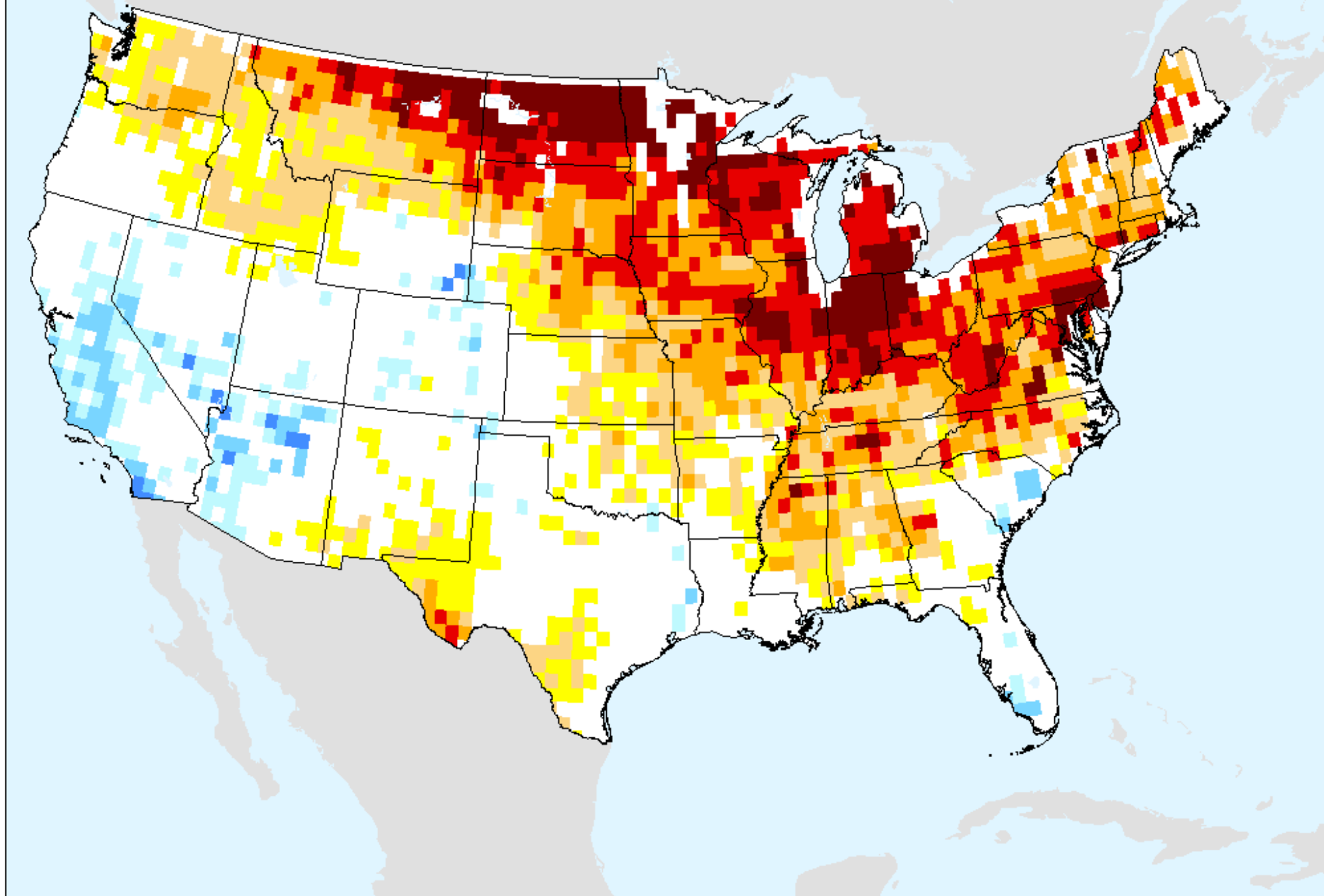
# AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, March 23, 2021



# AIRS-Based Vapor Pressure Deficit 14 Day

As of: Tuesday, March 23, 2021





# AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, March 23, 2021

