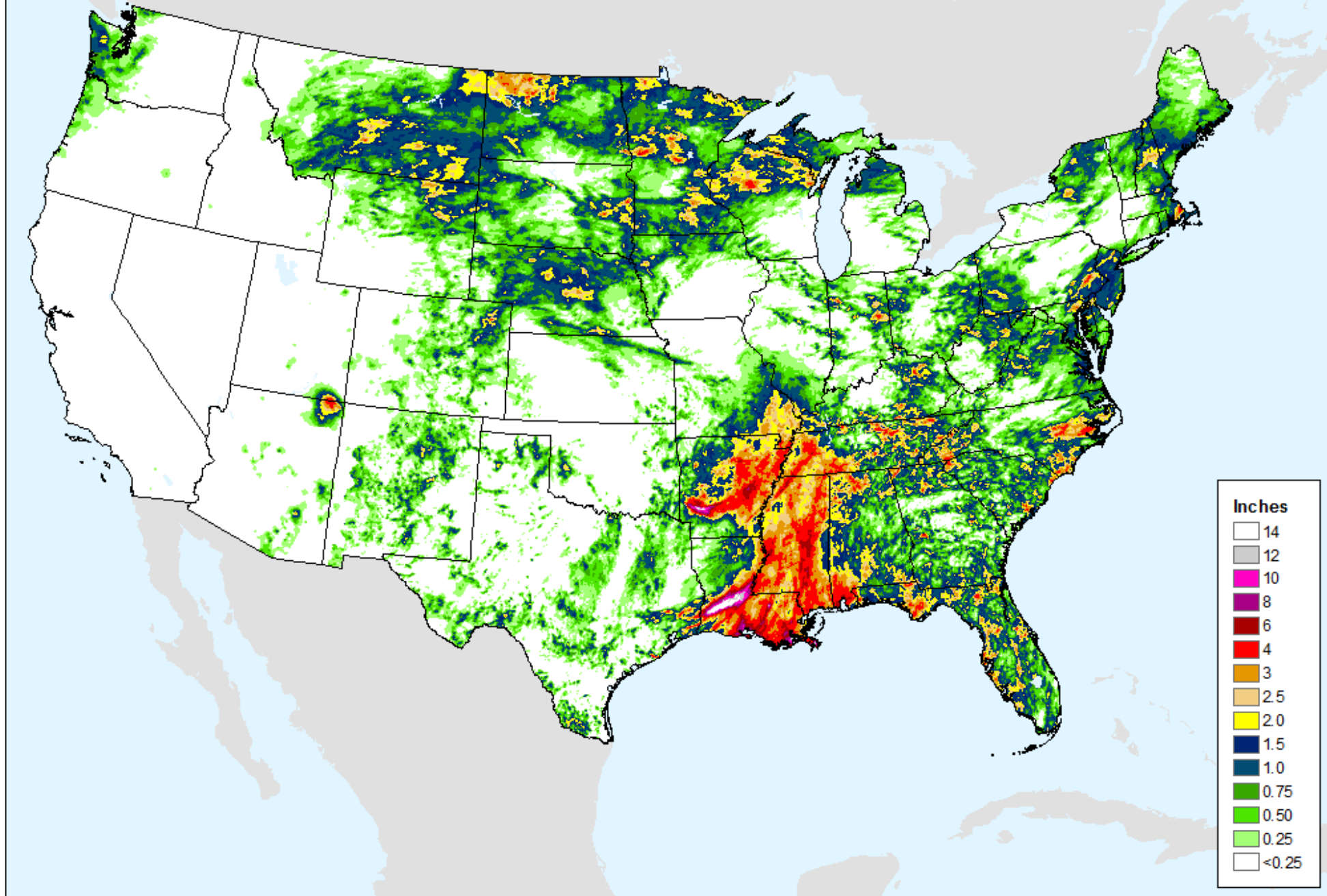


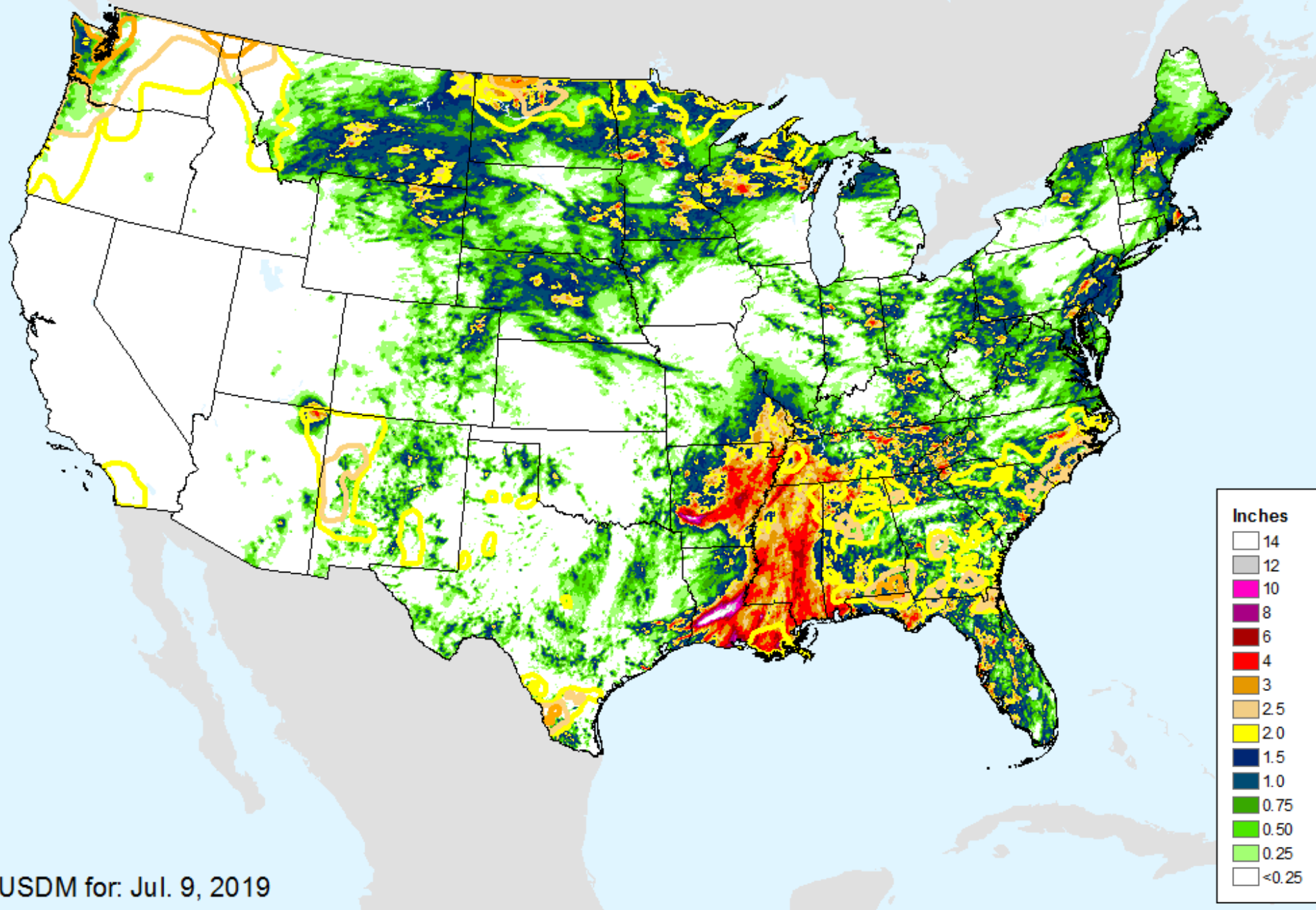
# AHPS 7-Day Precipitation

As of: Tuesday, July 16, 2019



# AHPS 7-Day Precipitation

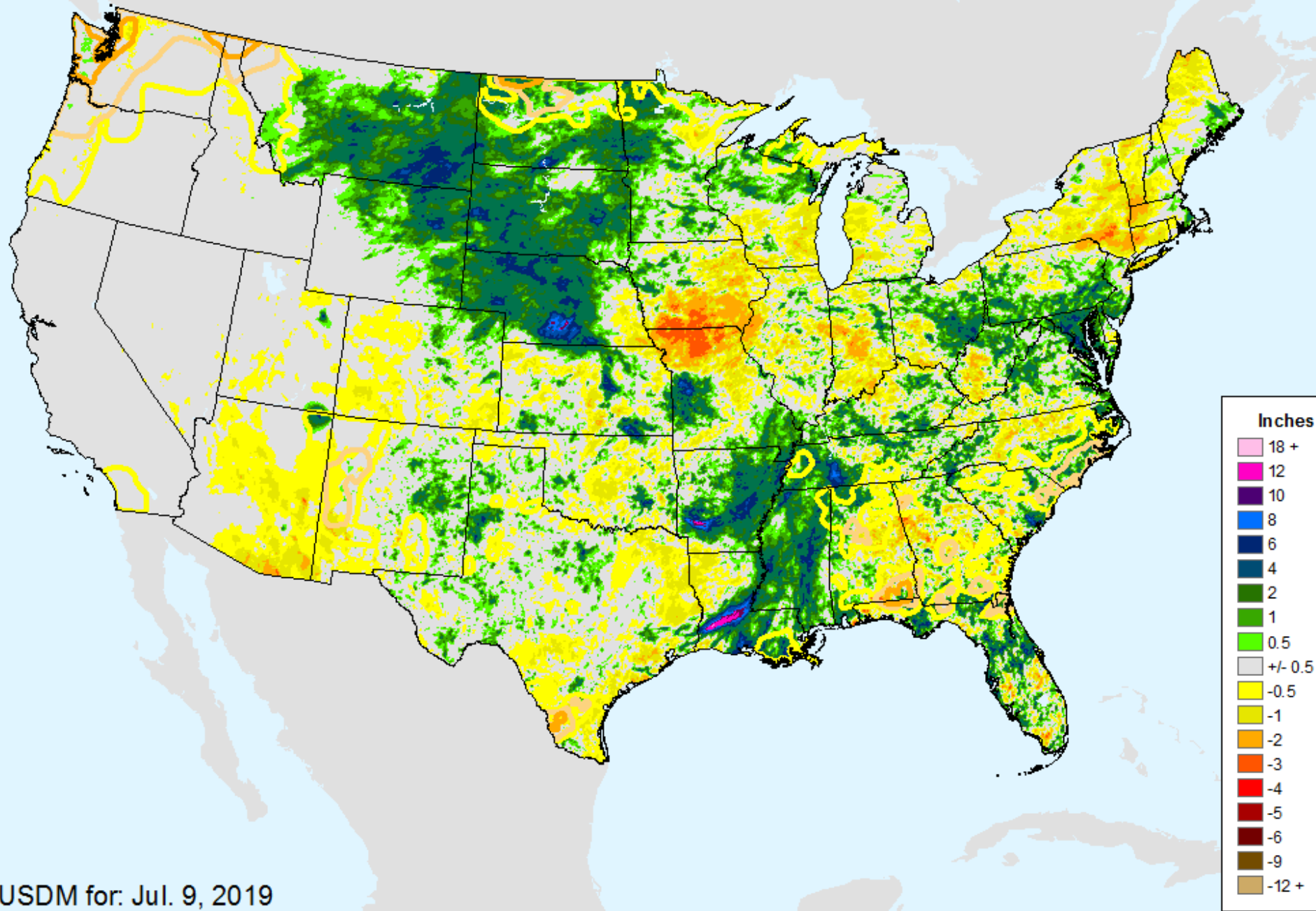
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# AHPS 14-Day Precip Departure

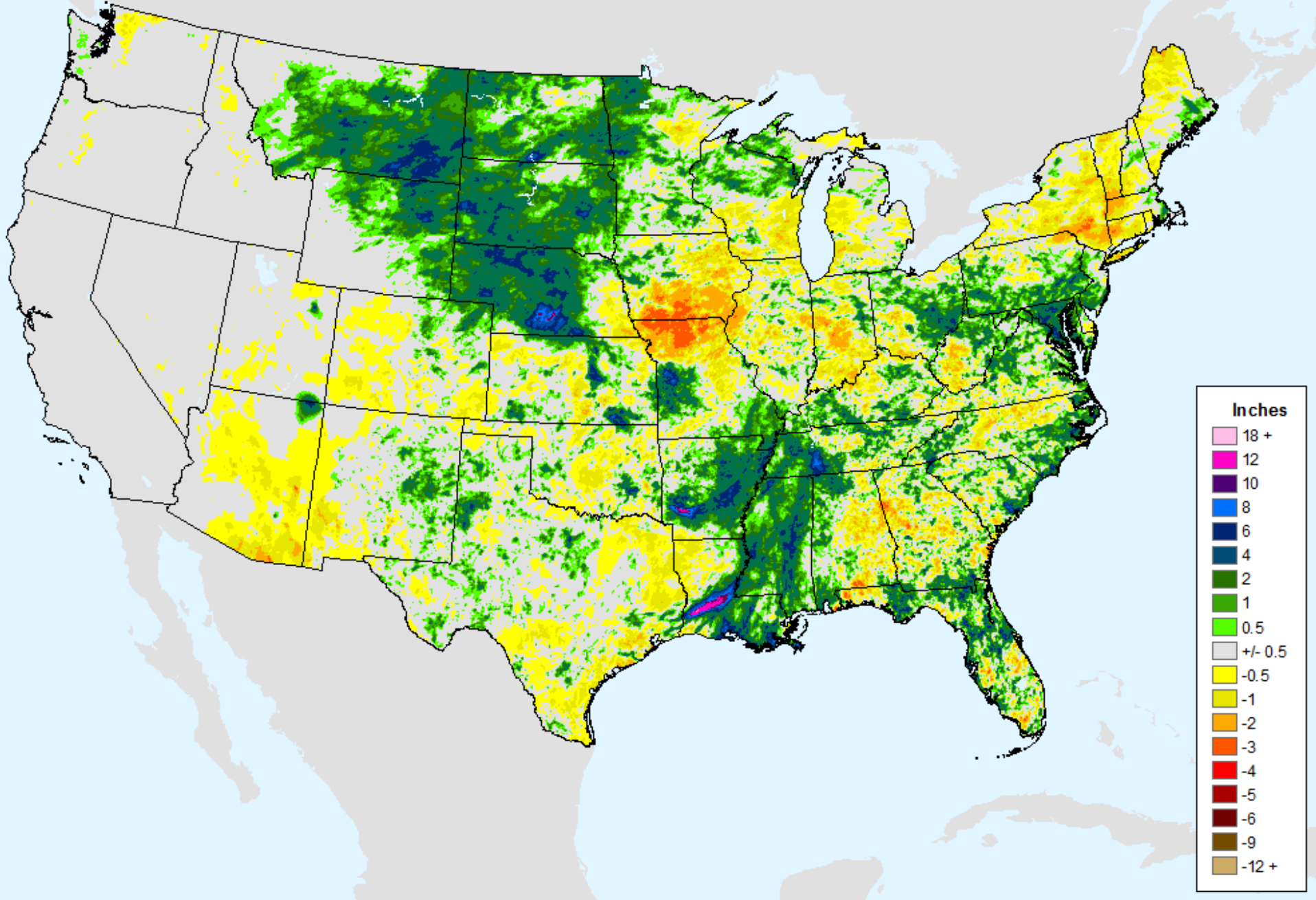
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

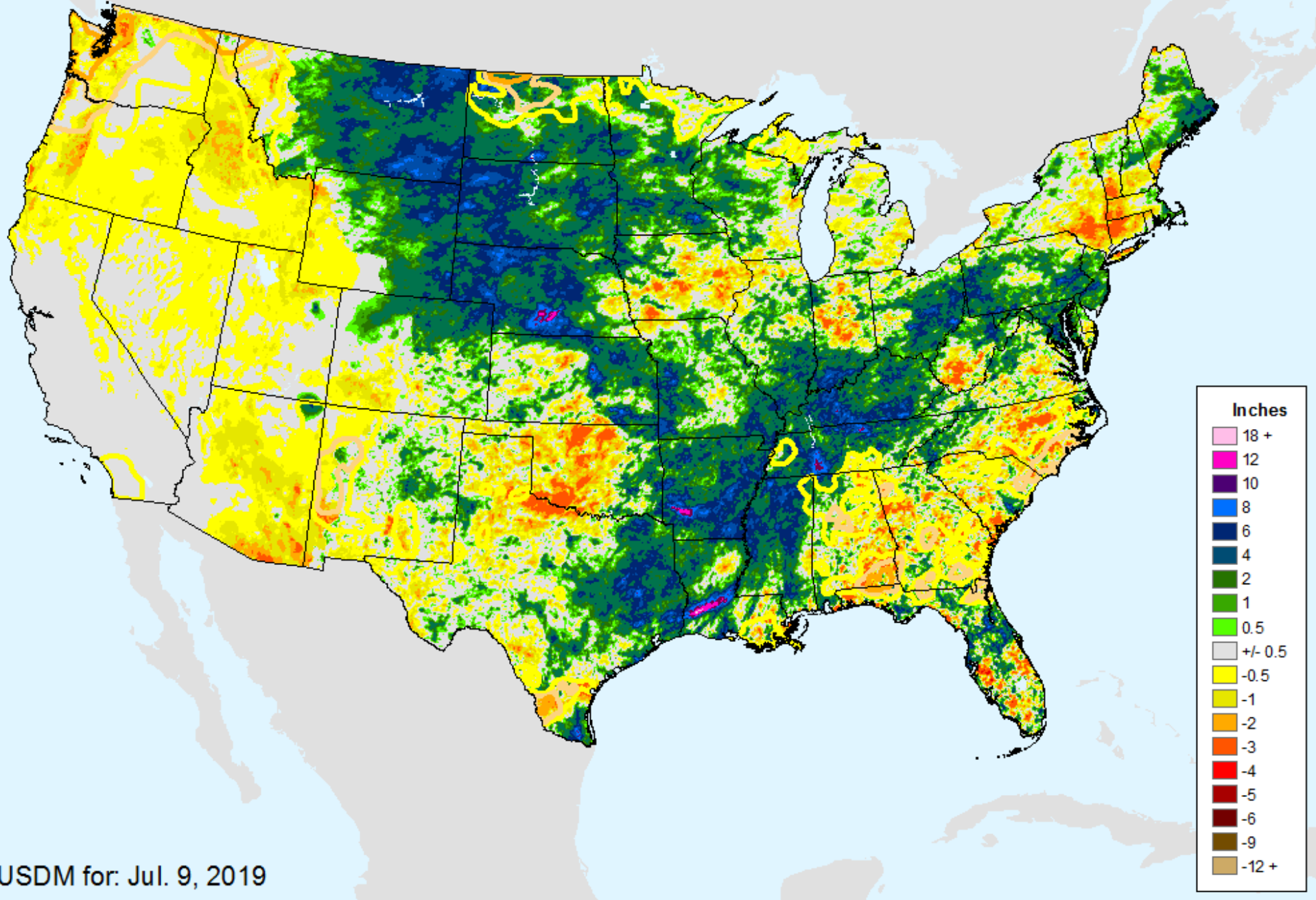
# AHPS 14-Day Precip Departure

As of: Tuesday, July 16, 2019



# AHPS 30-Day Precip Departure

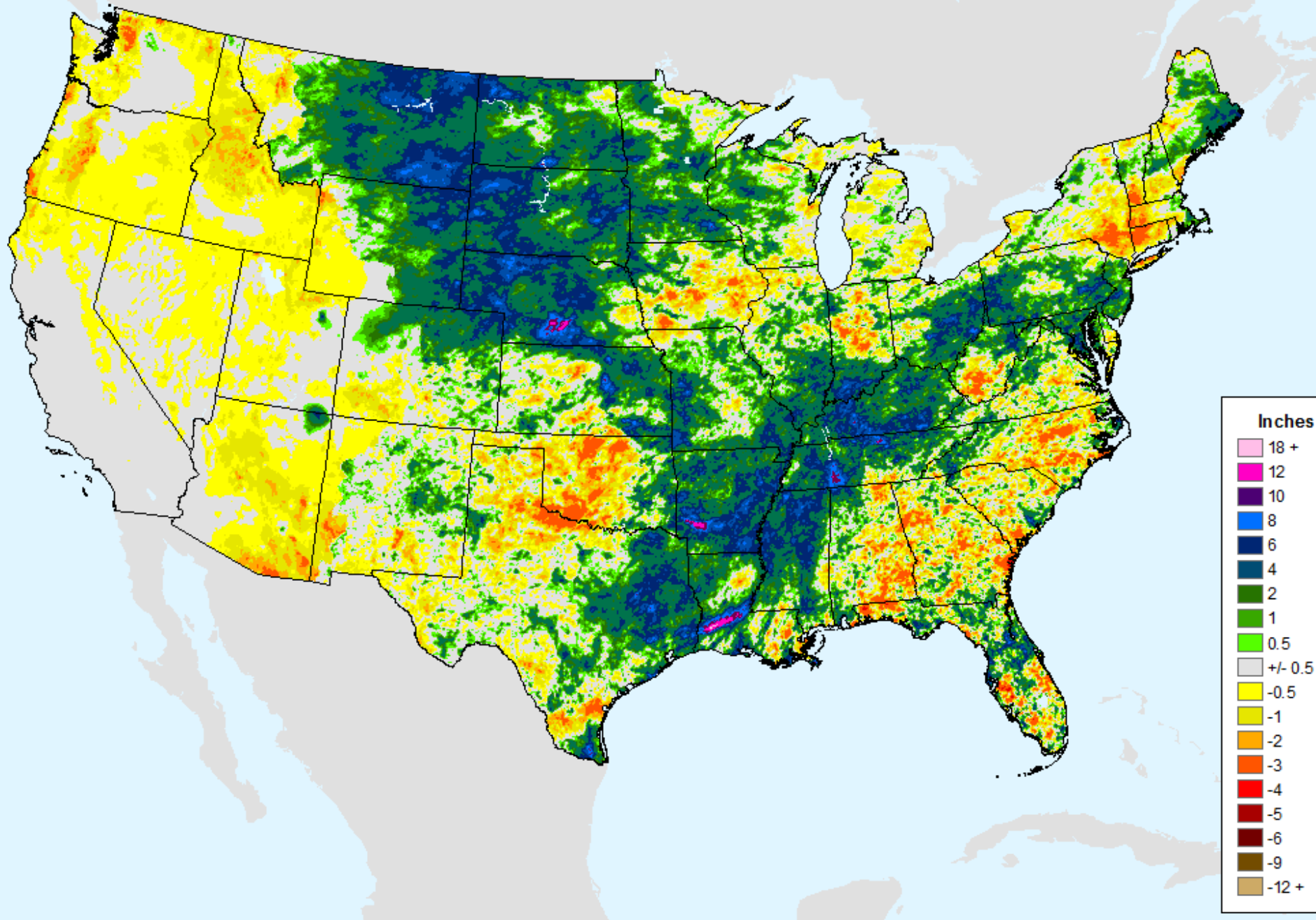
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

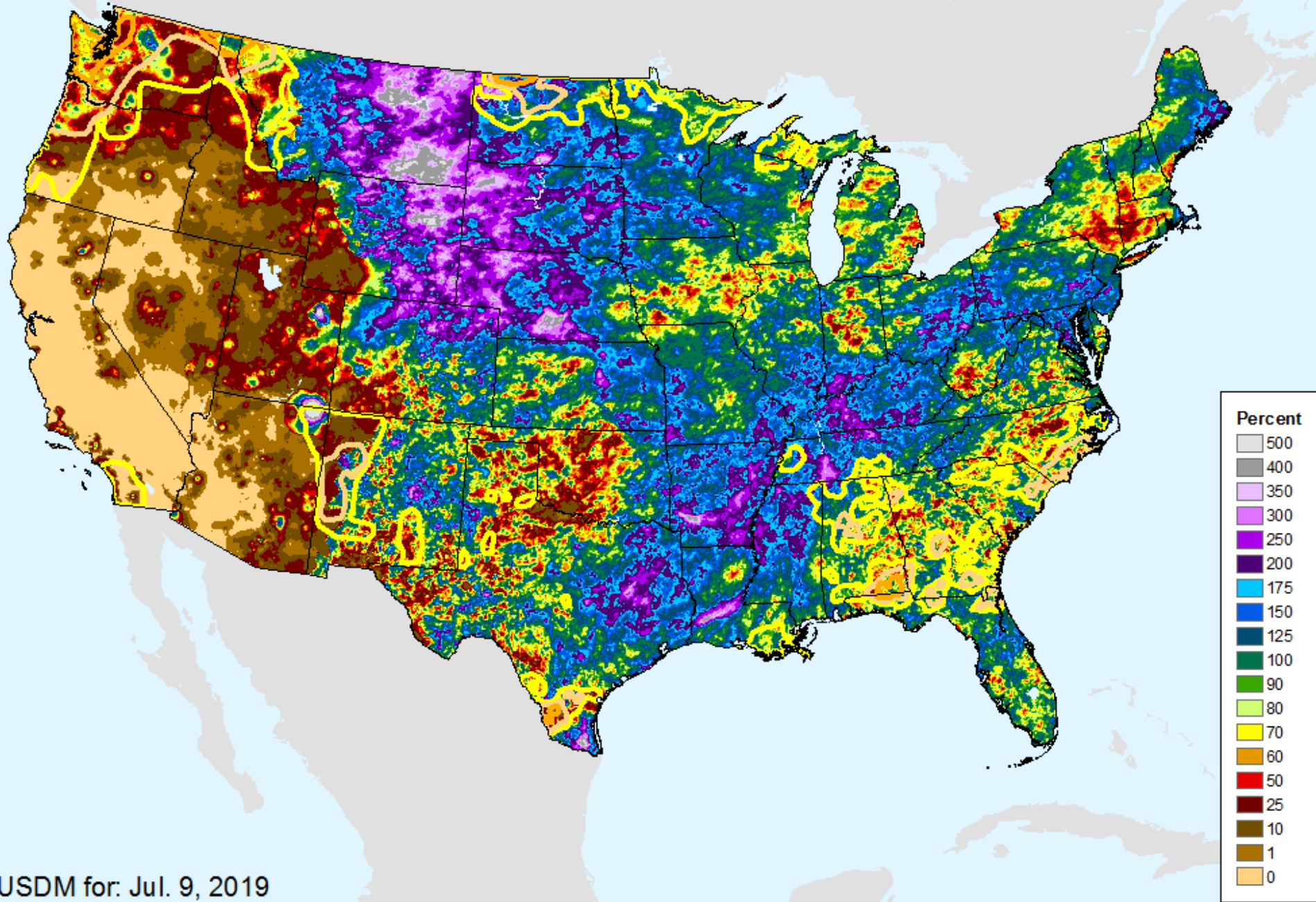
# AHPS 30-Day Precip Departure

As of: Tuesday, July 16, 2019



# AHPS 30-Day Pct of Normal Pcp

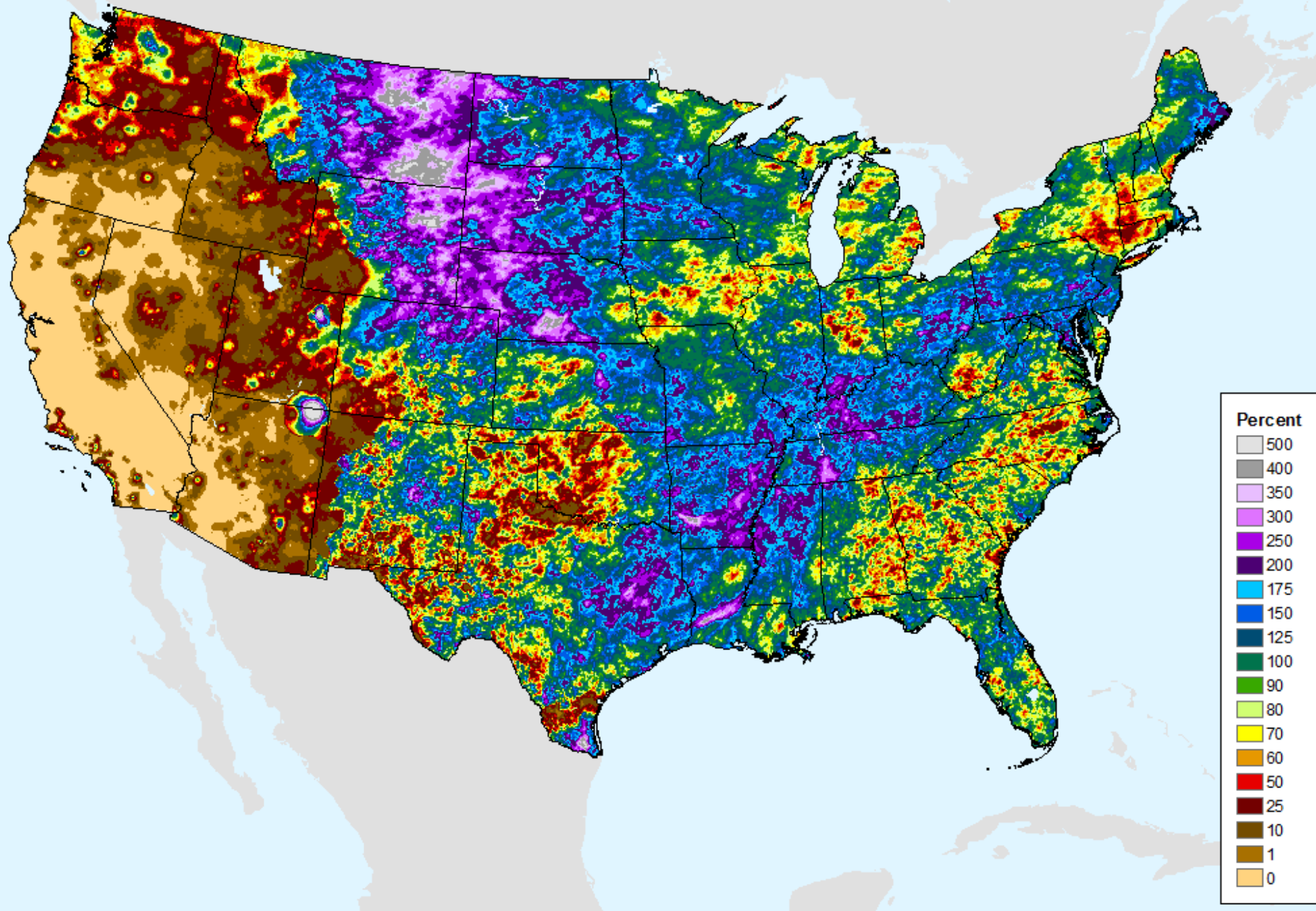
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# AHPS 30-Day Pct of Normal Pcp

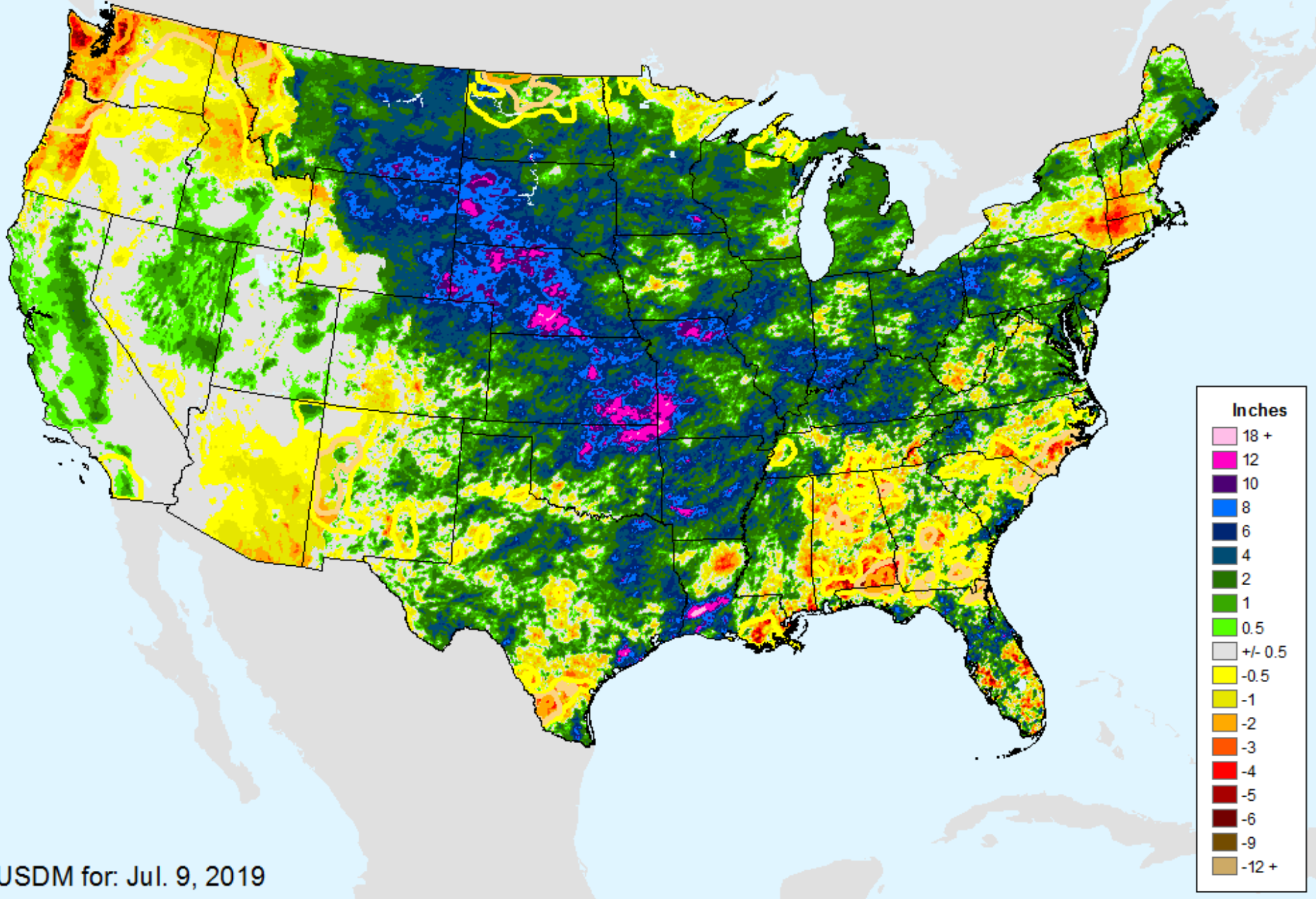
As of: Tuesday, July 16, 2019





# AHPS 60-Day Precip Departure

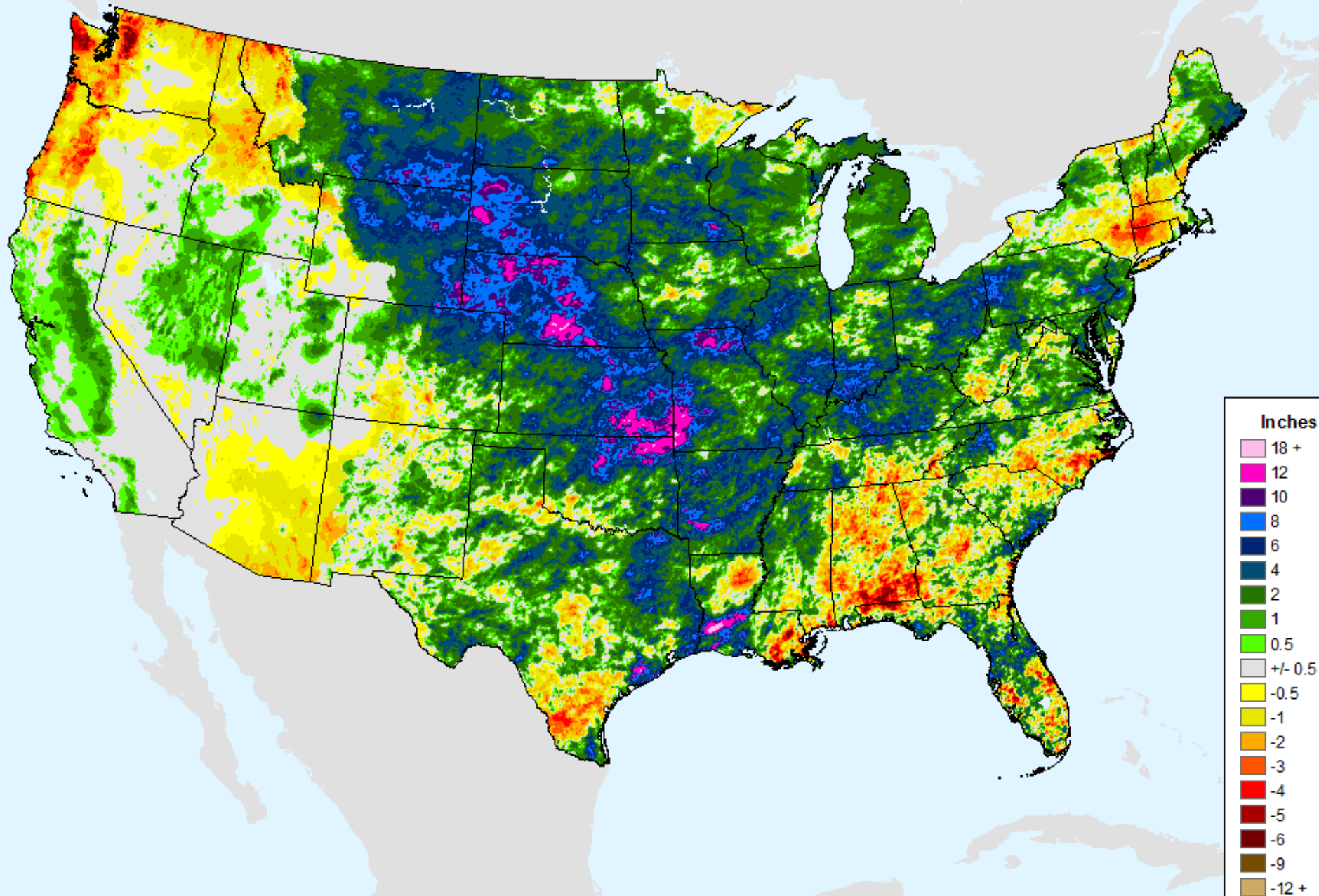
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

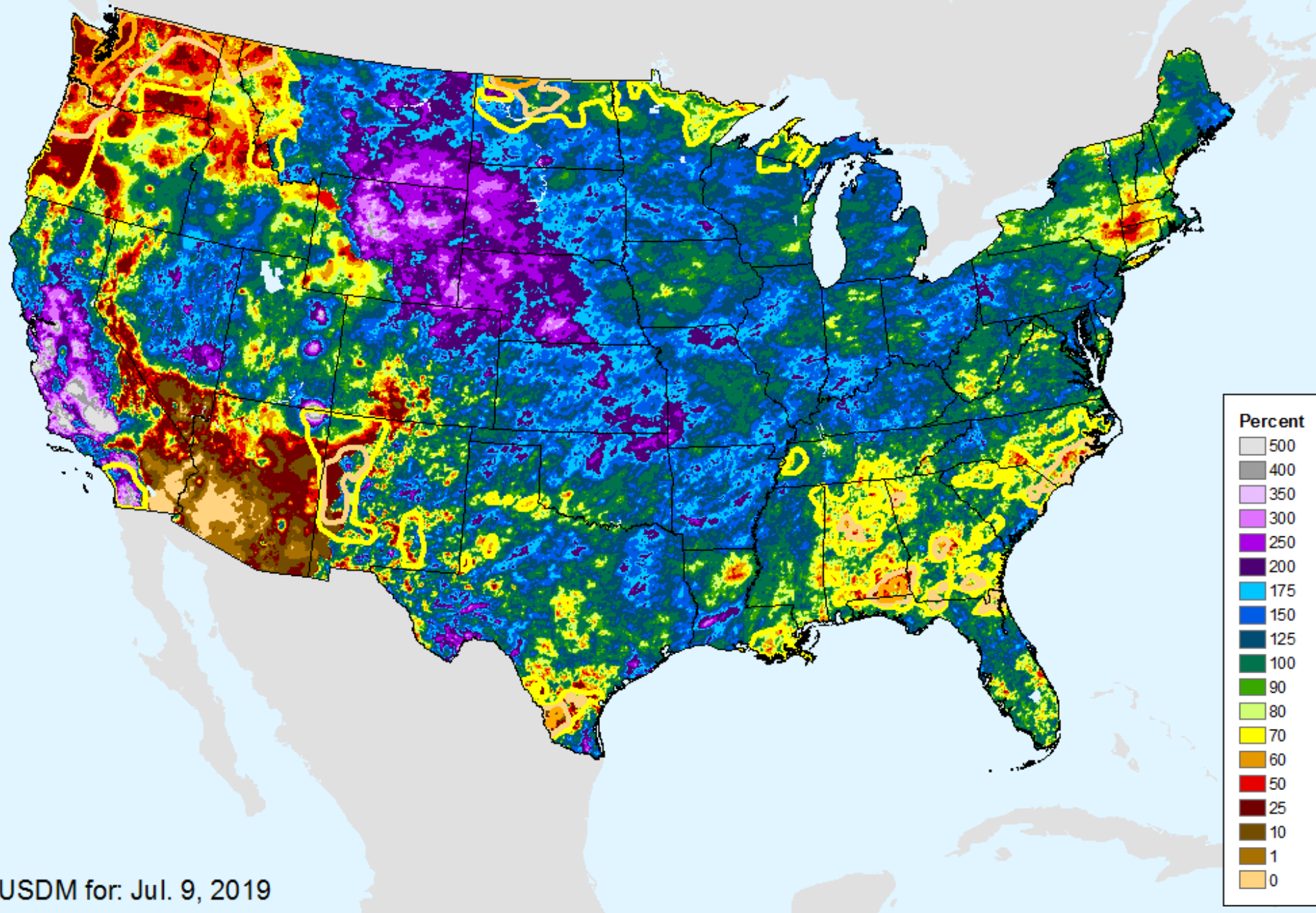
# AHPS 60-Day Precip Departure

As of: Tuesday, July 16, 2019



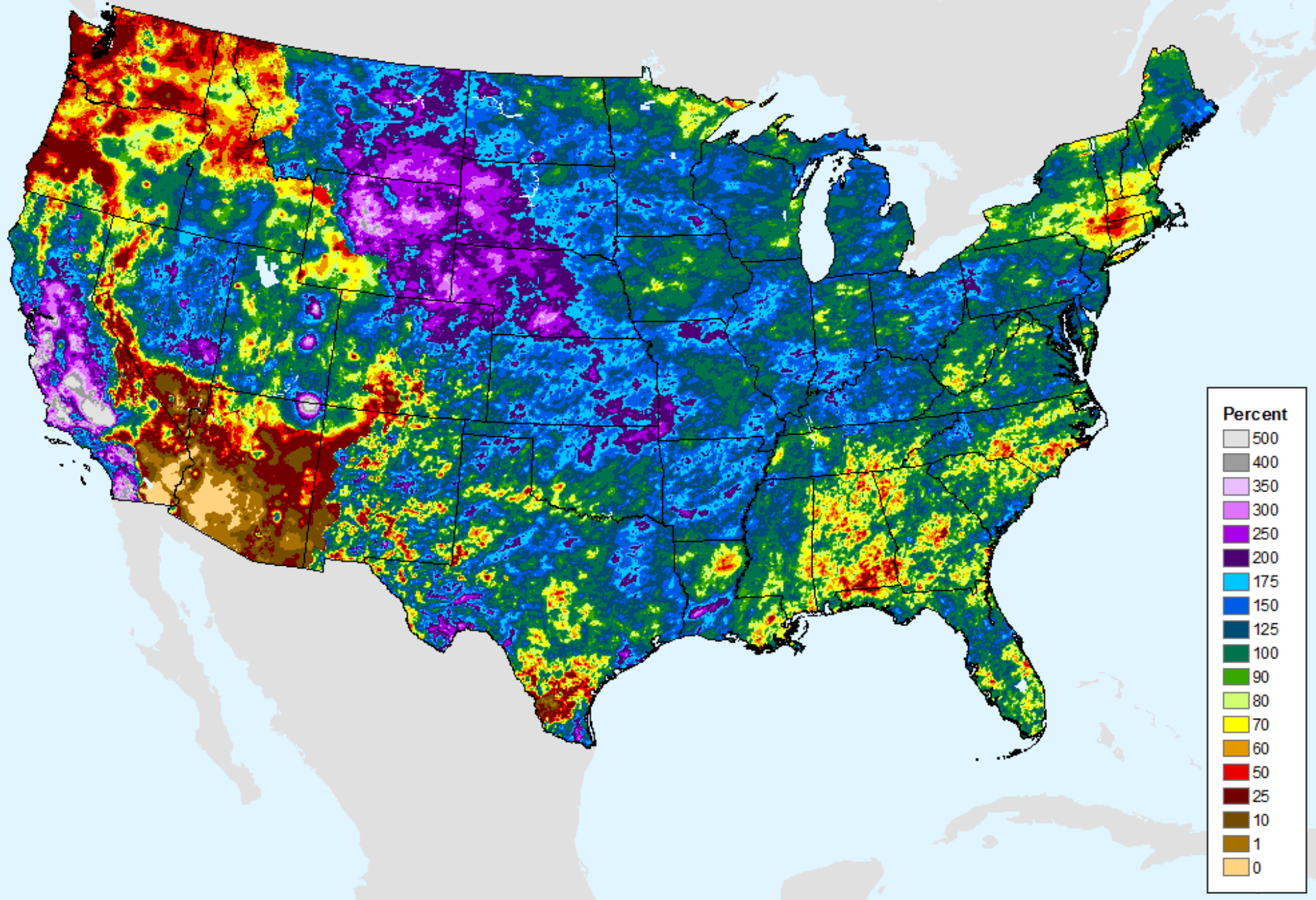
# AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, July 16, 2019



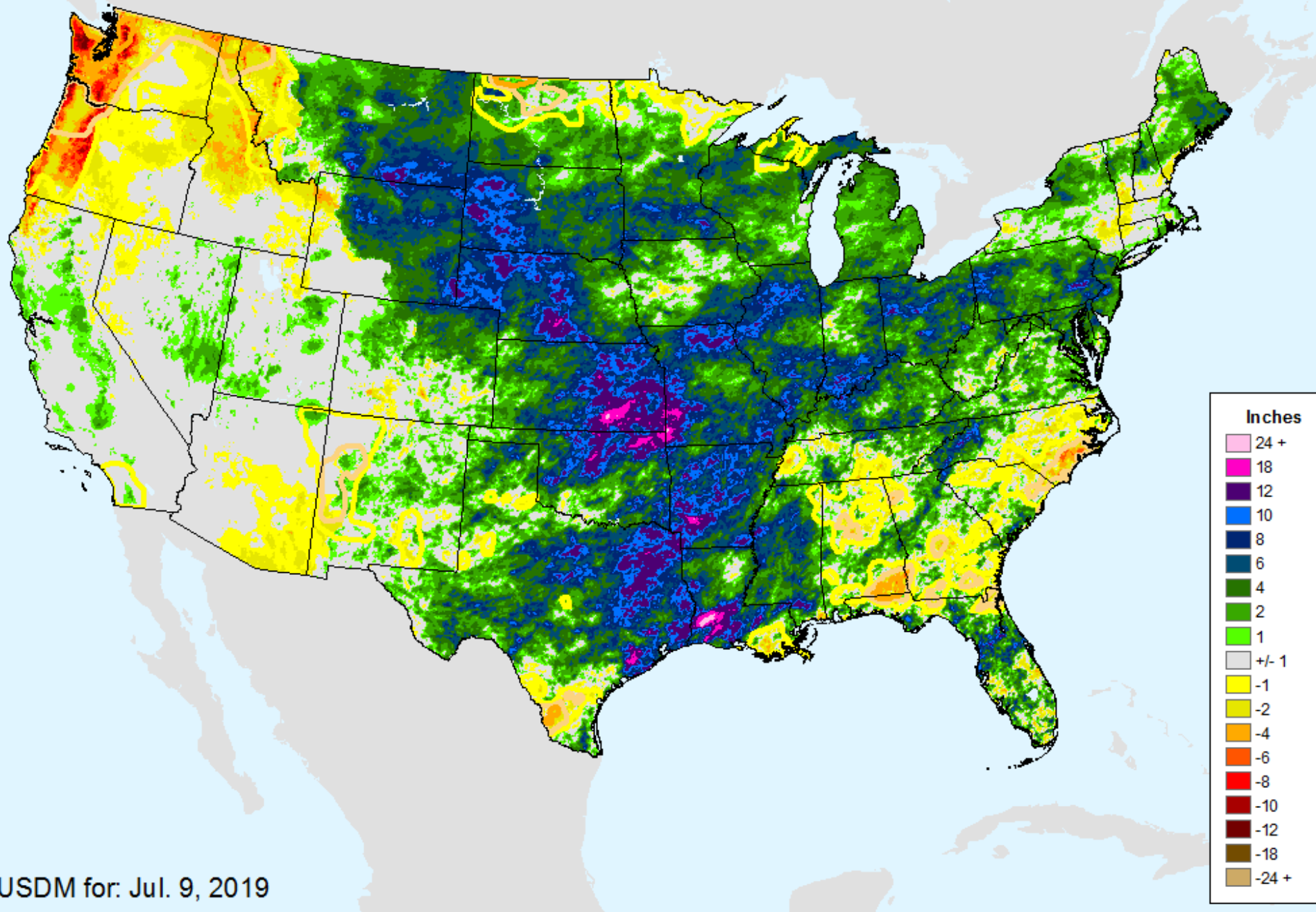
# AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, July 16, 2019



# AHPS 90-Day Precip Departure

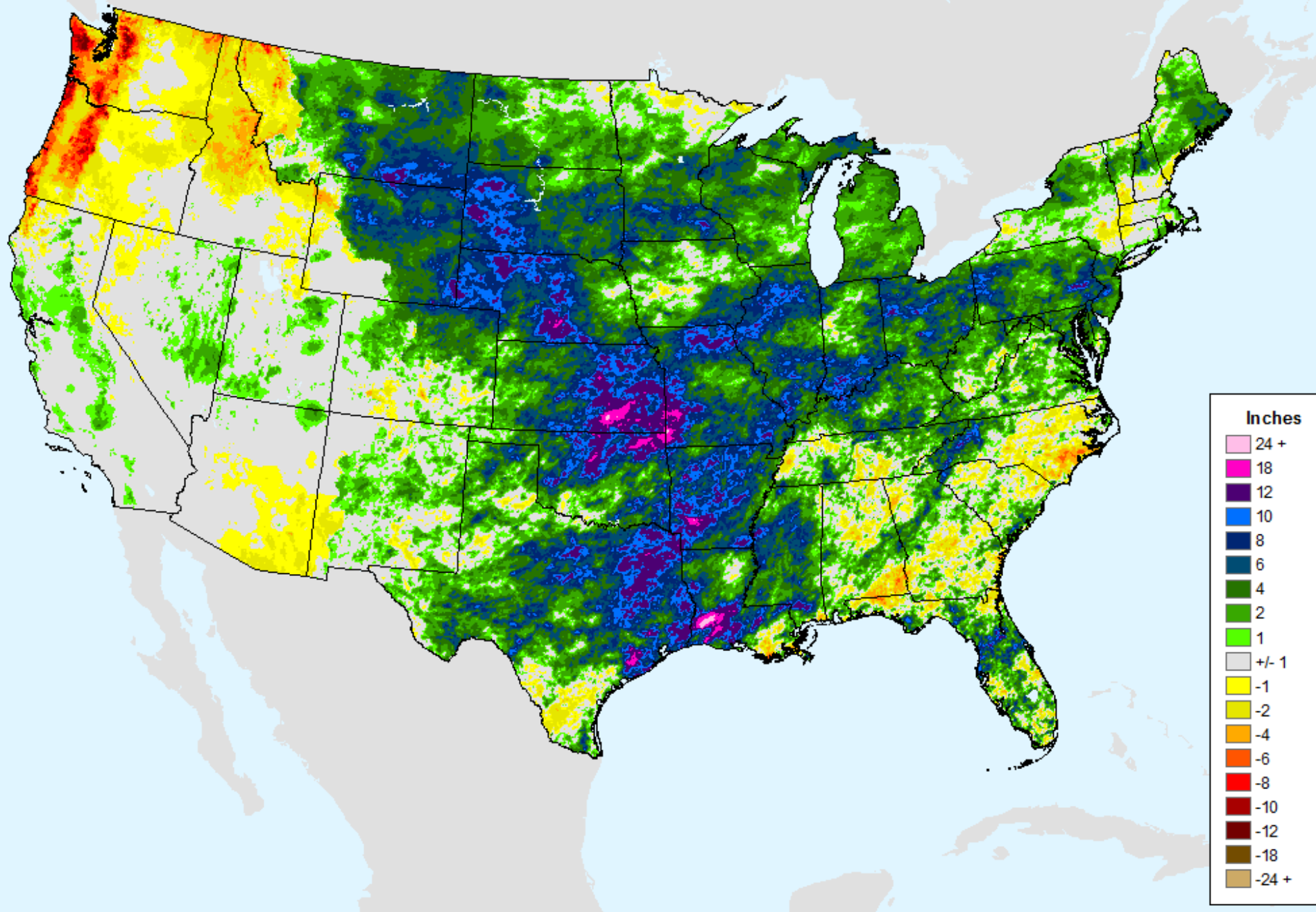
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

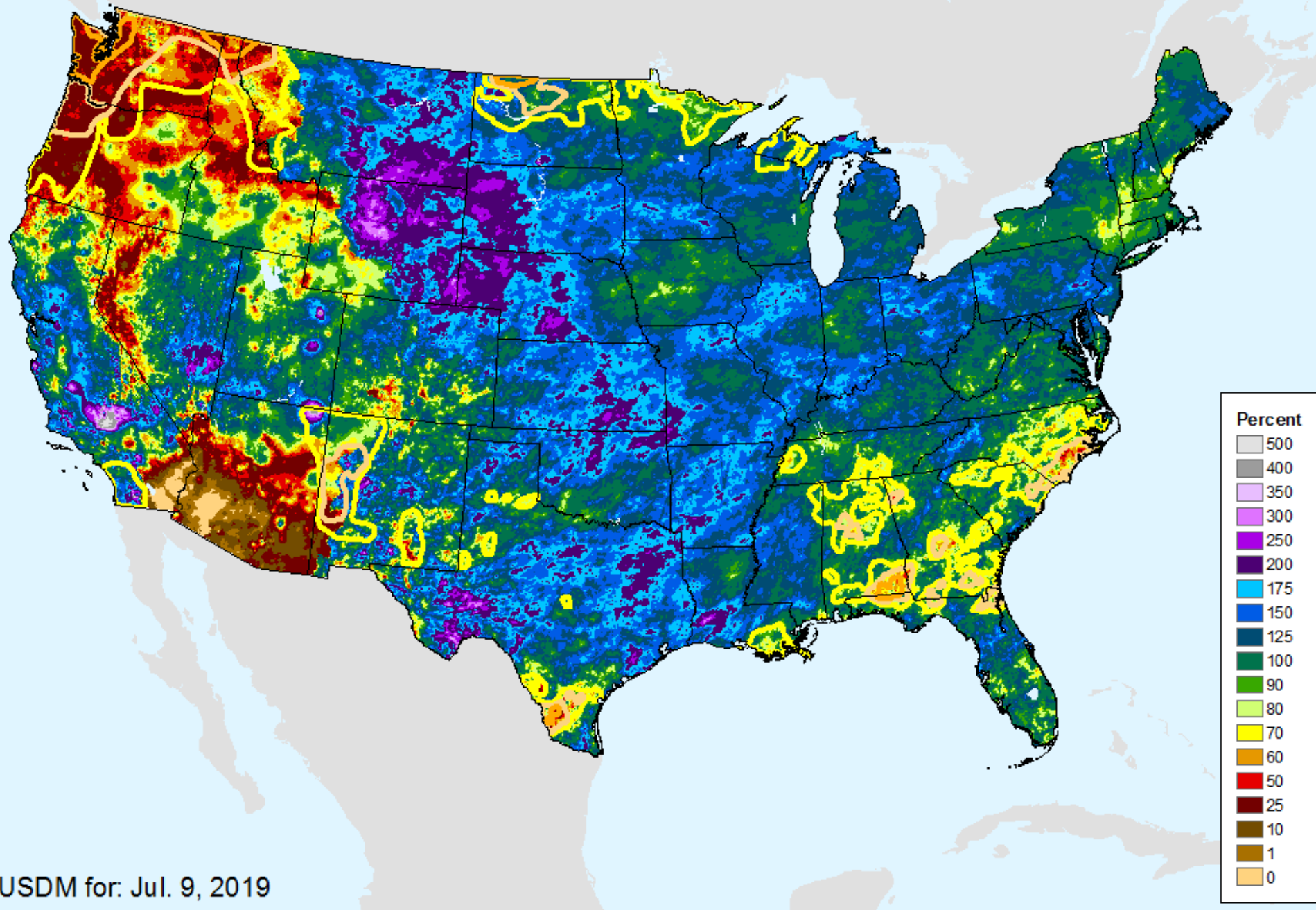
# AHPS 90-Day Precip Departure

As of: Tuesday, July 16, 2019



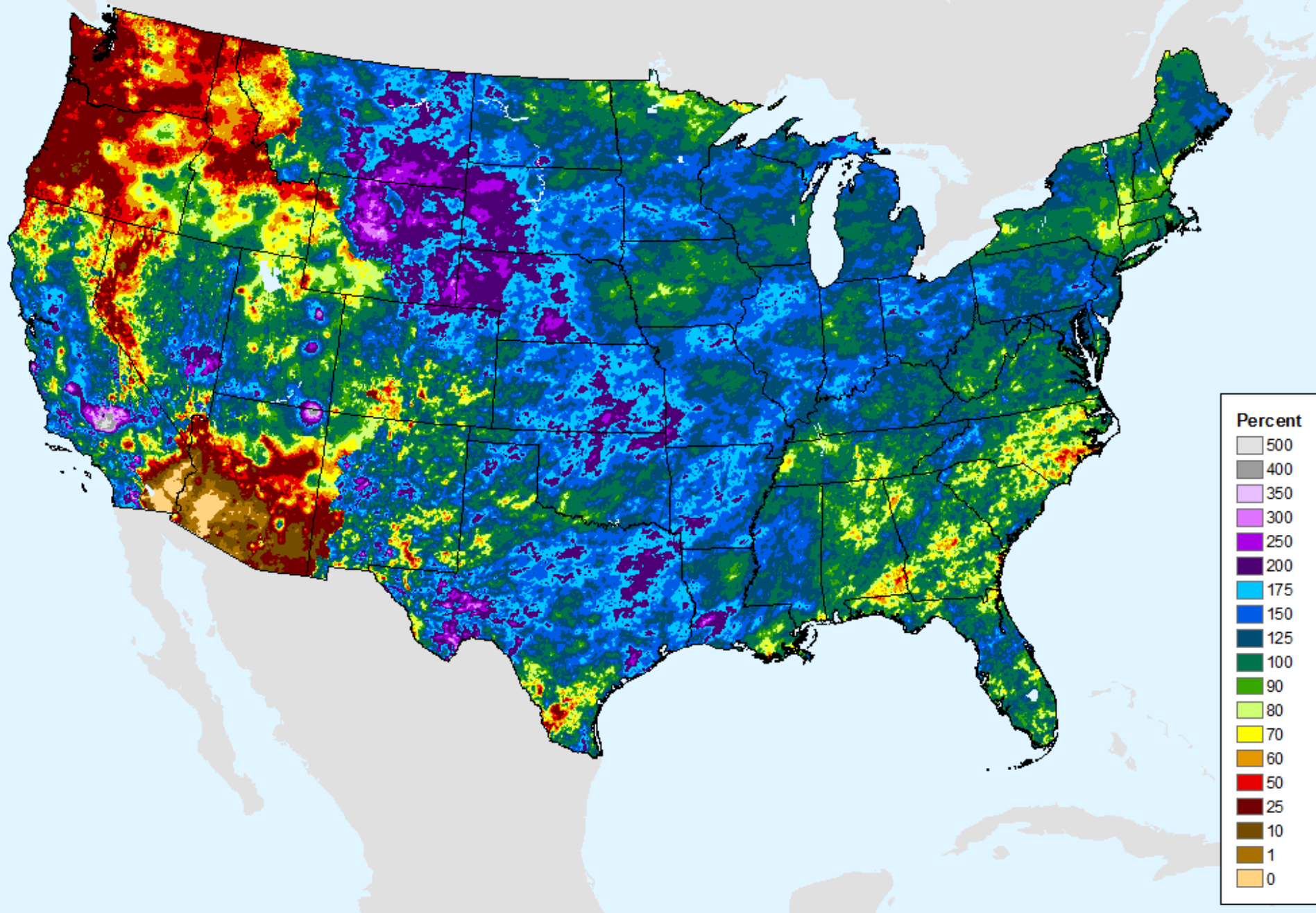
# AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, July 16, 2019



# AHPS 90-Day Pct of Normal Pcp

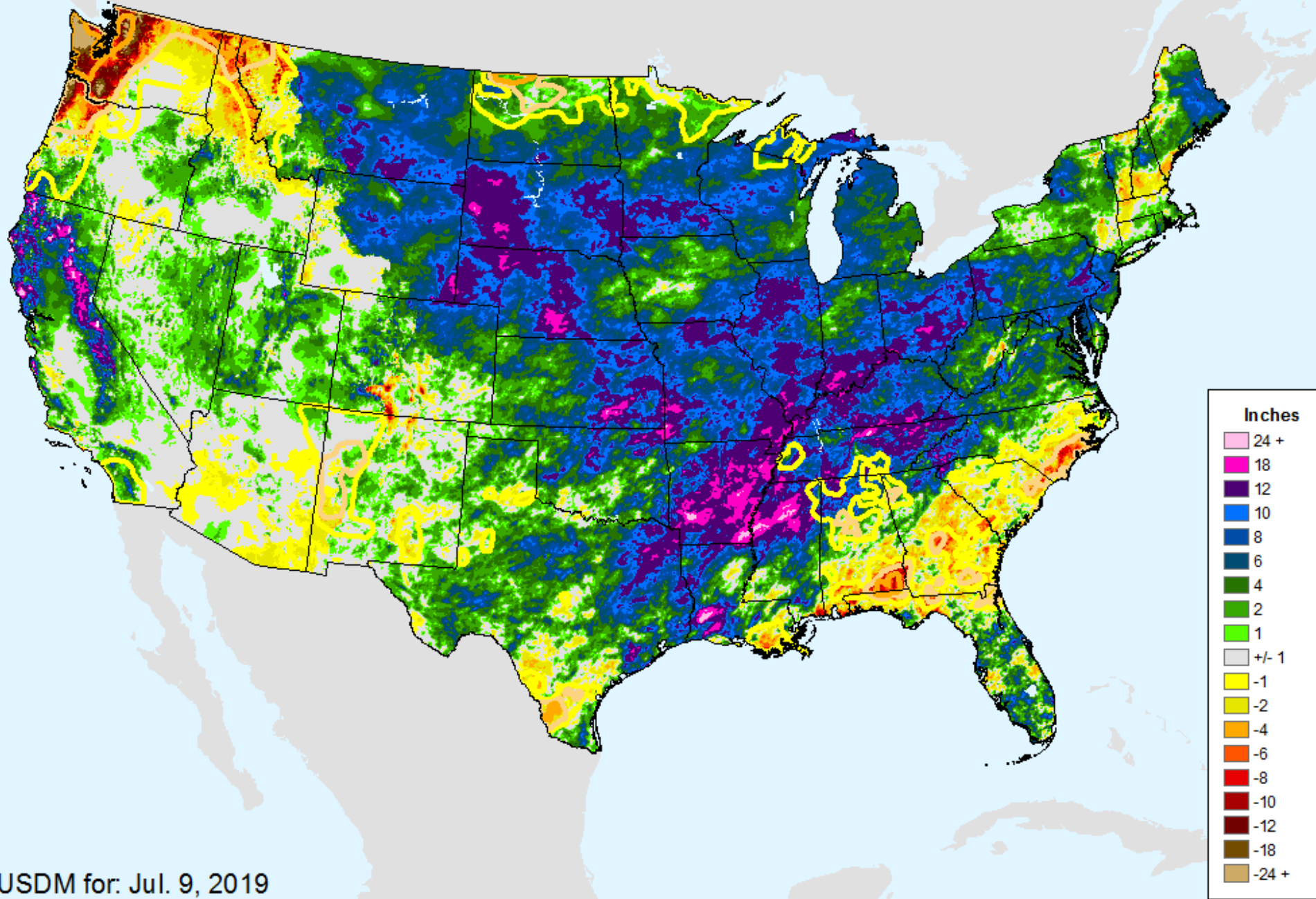
As of: Tuesday, July 16, 2019





# AHPS 180-Day Precip Departure

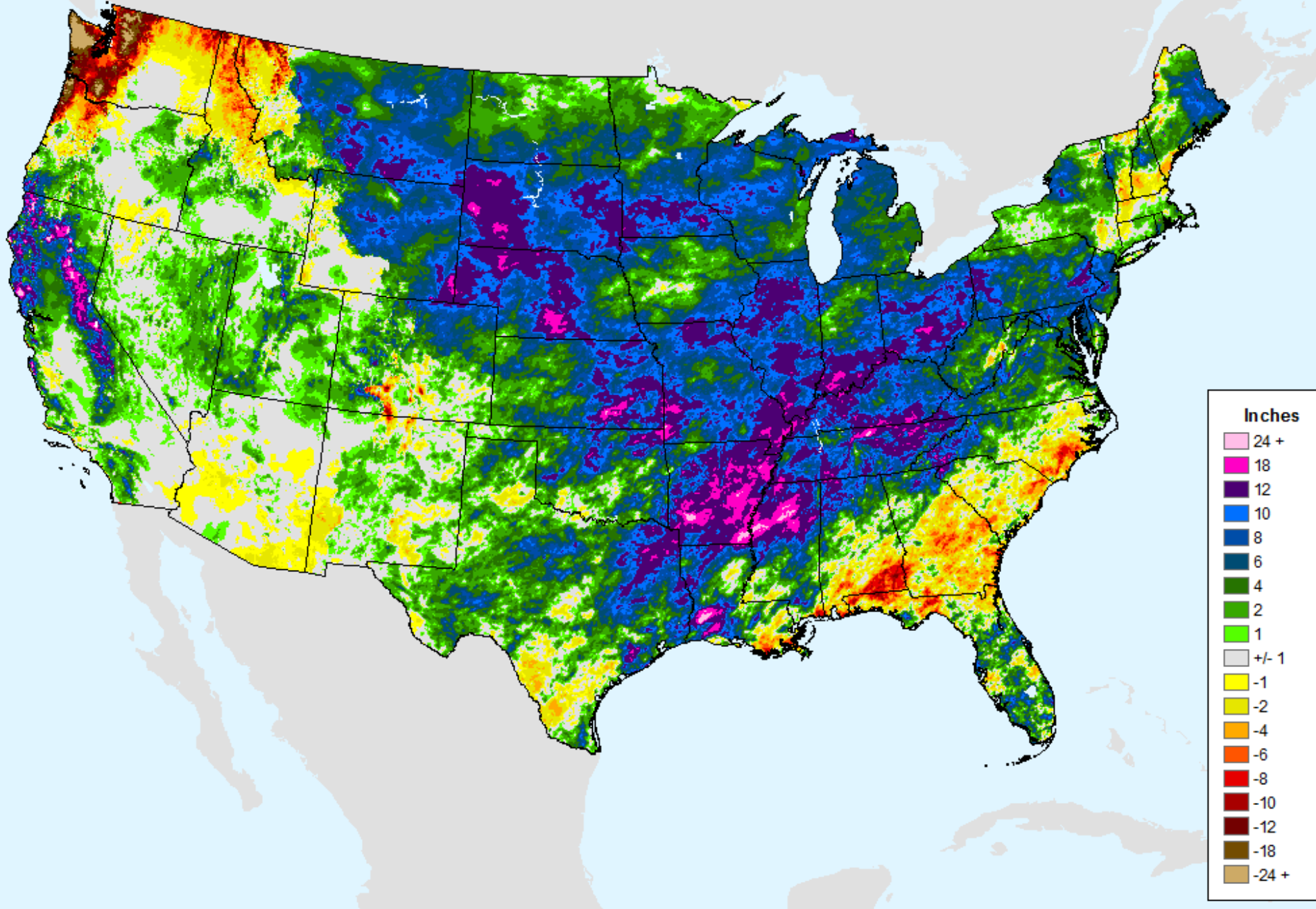
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

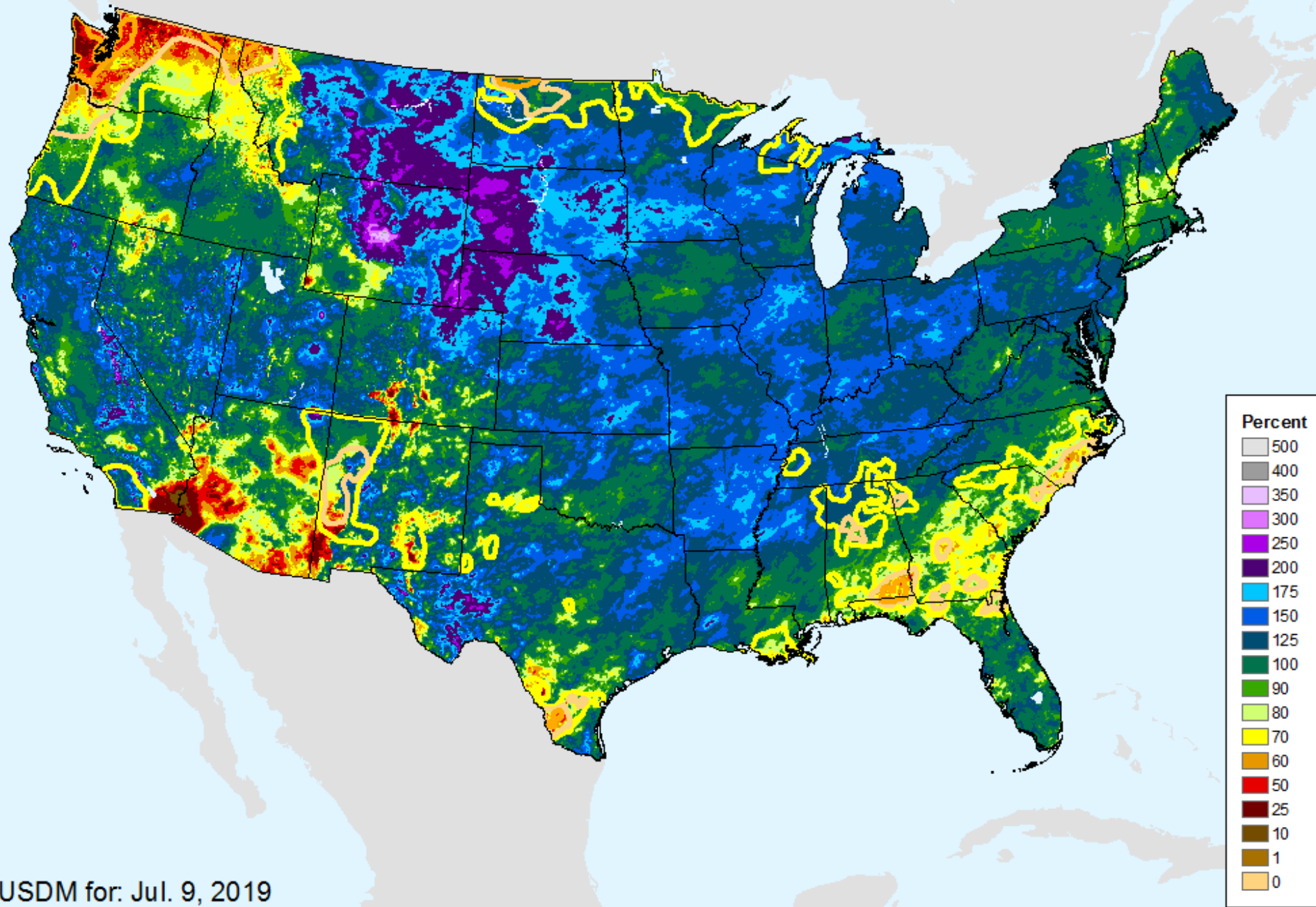
# AHPS 180-Day Precip Departure

As of: Tuesday, July 16, 2019



# AHPS 180-Day Pct of Normal Pcp

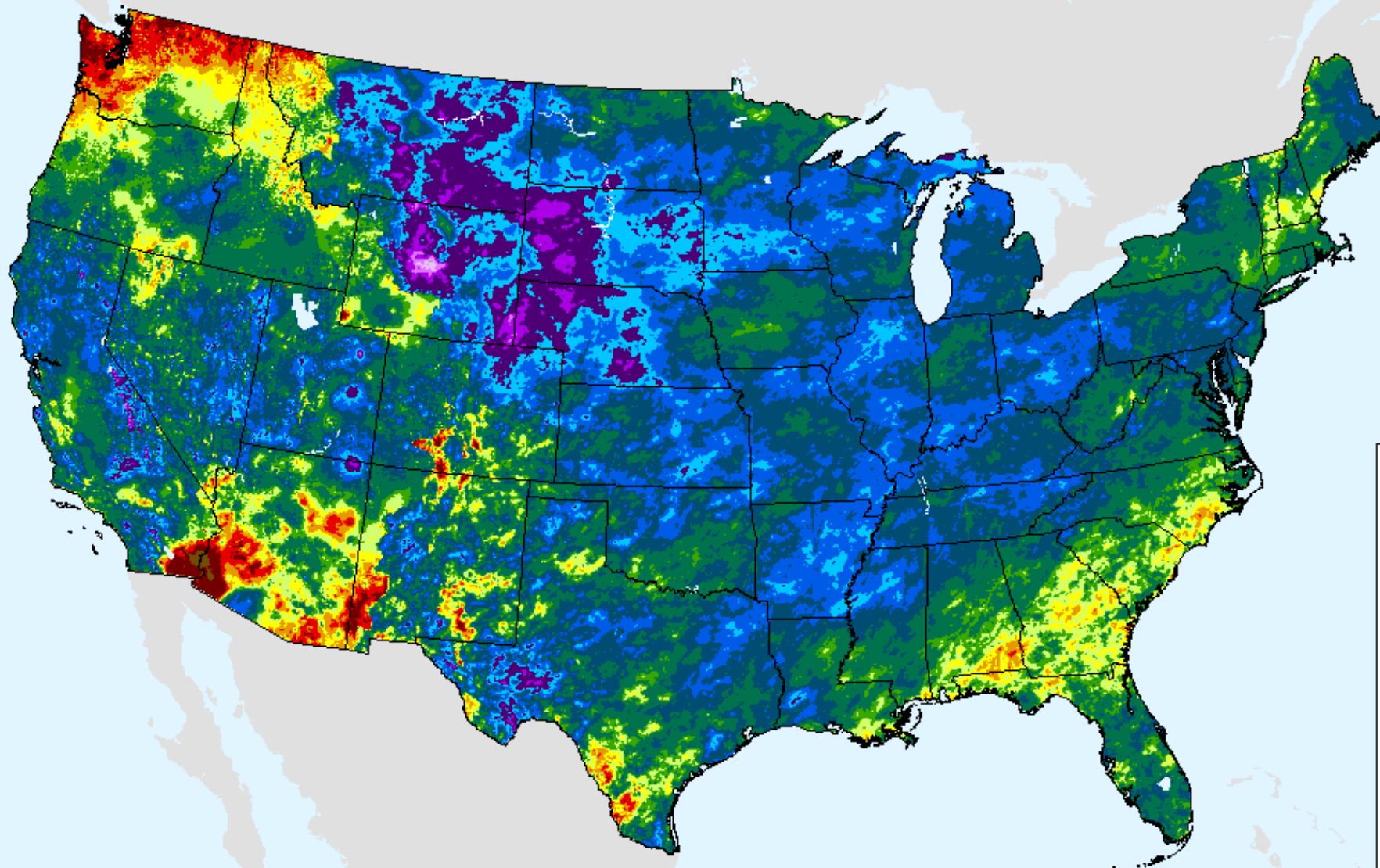
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, July 16, 2019

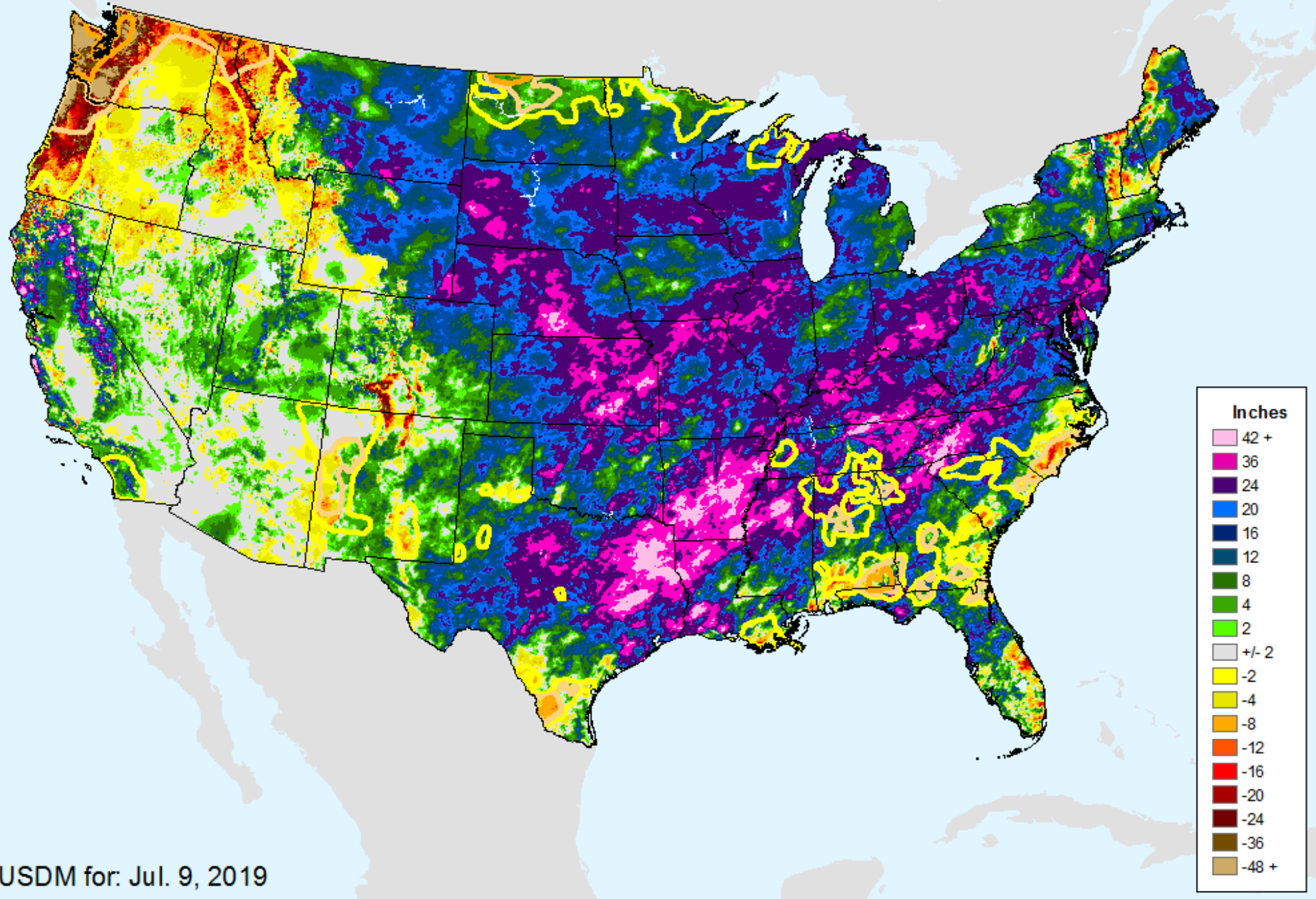


## Percent

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

# AHPS Water-Year Precip Departure

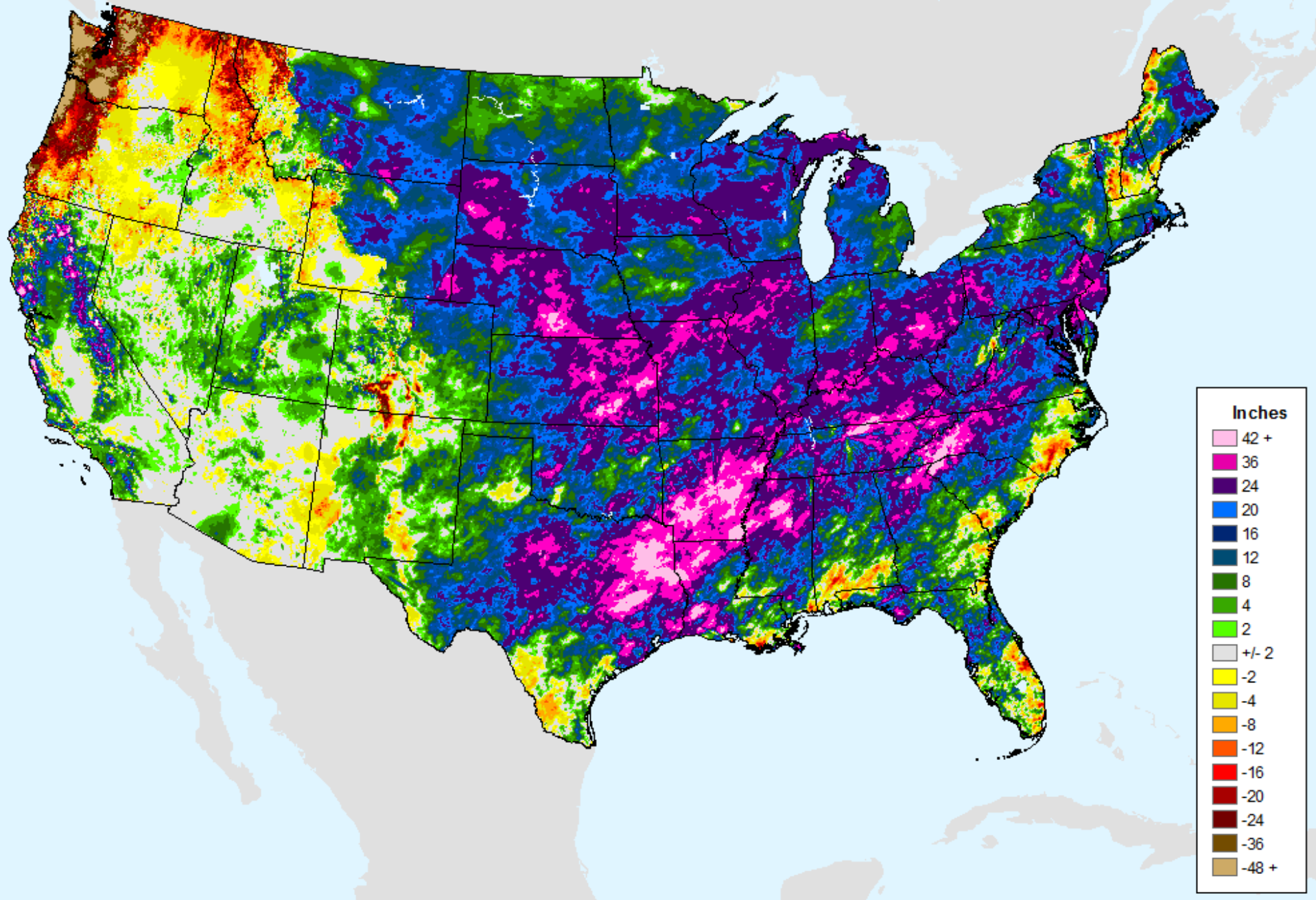
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

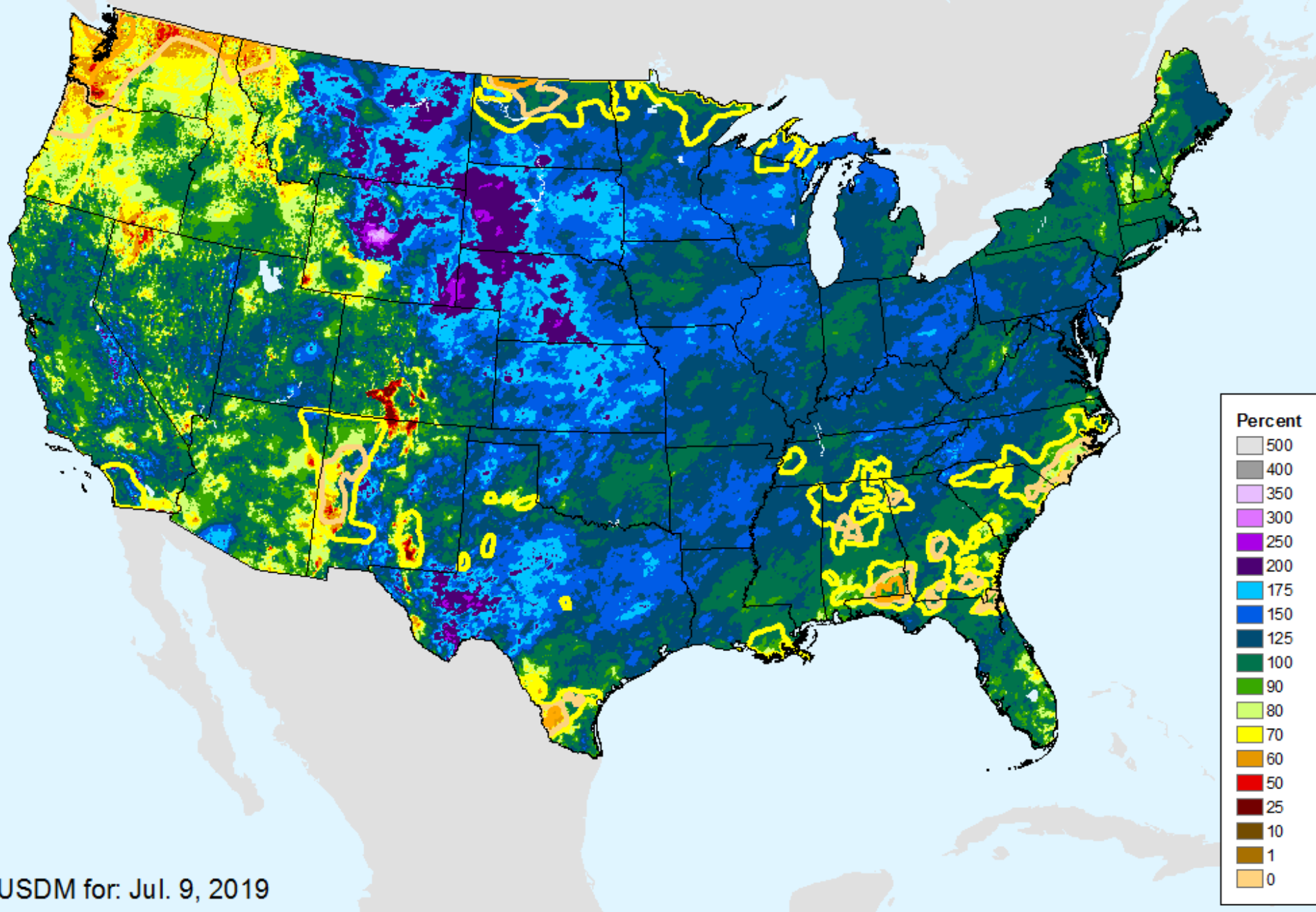
# AHPS Water-Year Precip Departure

As of: Tuesday, July 16, 2019



# AHPS Water-Year Pct of Normal Pcp

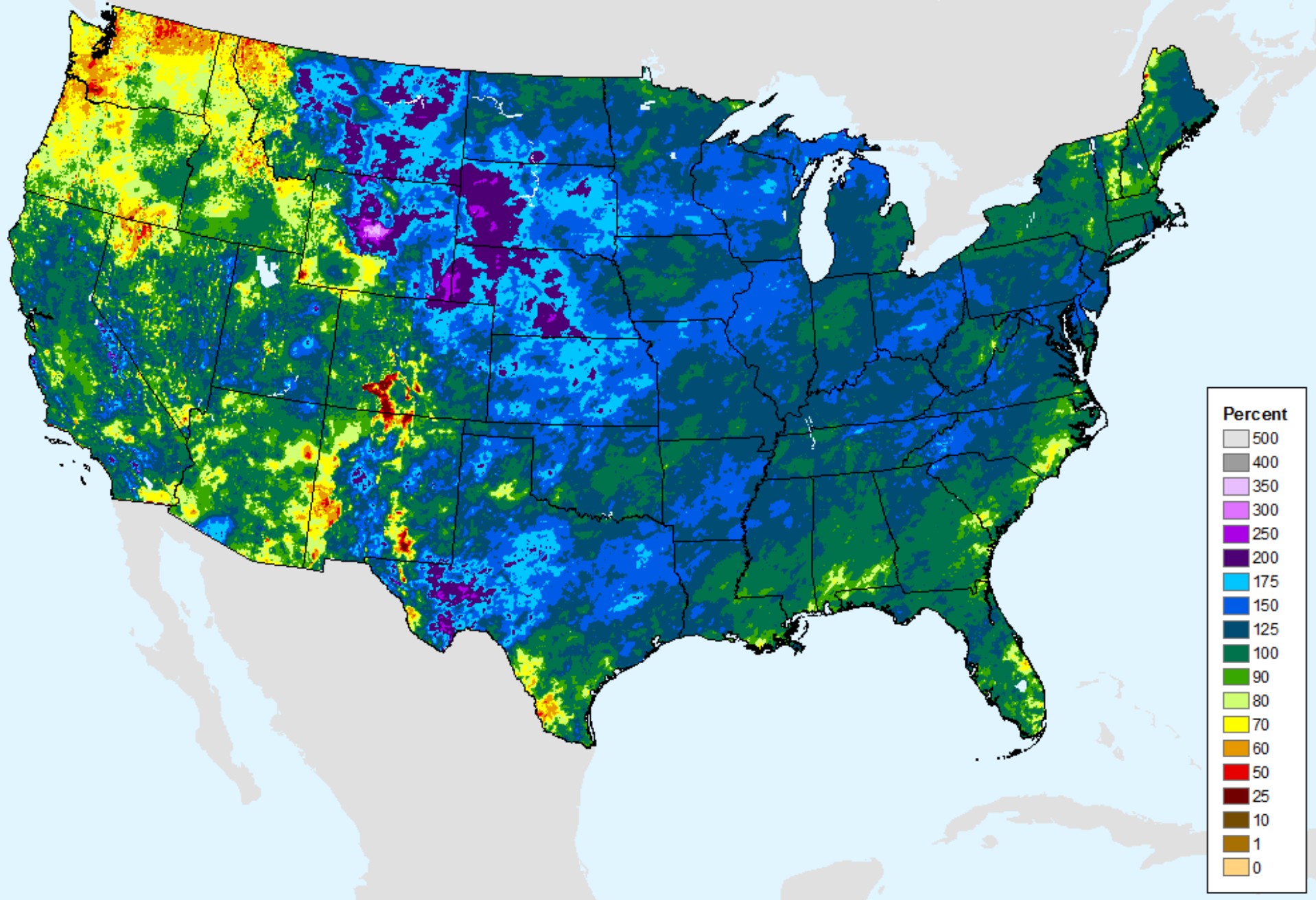
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# AHPS Water-Year Pct of Normal Pcp

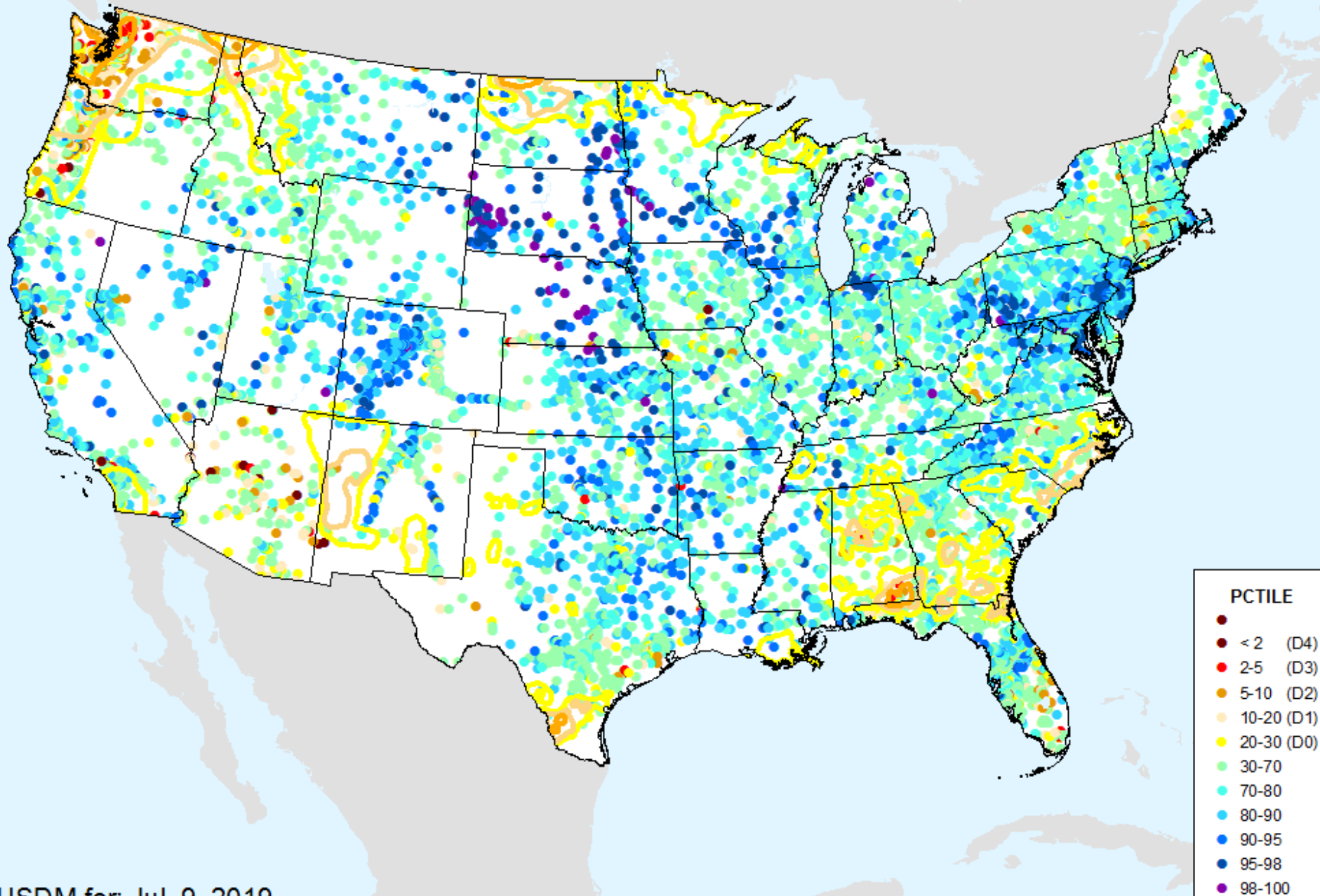
As of: Tuesday, July 16, 2019





# USGS 7-Day Avg Streamflow

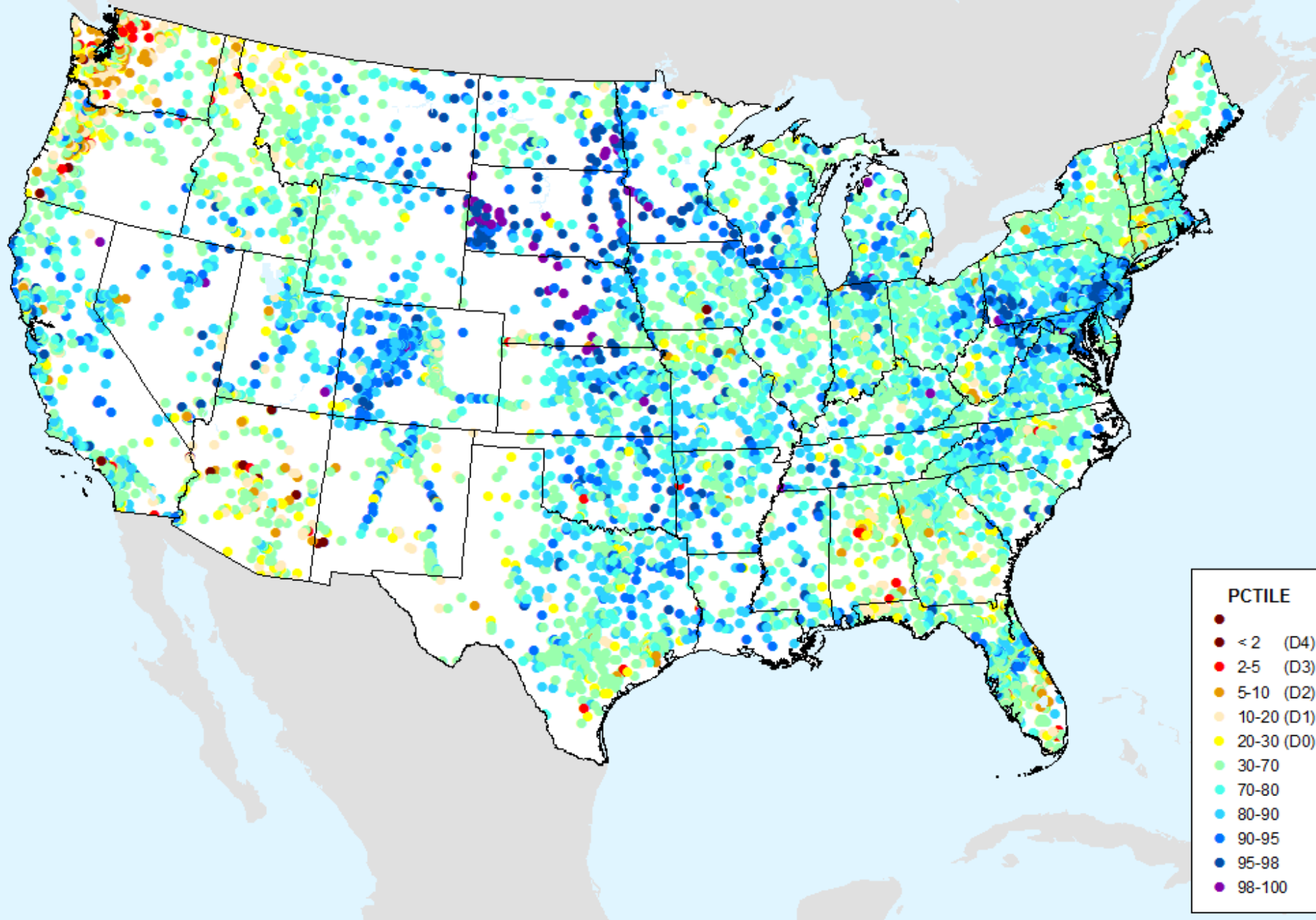
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

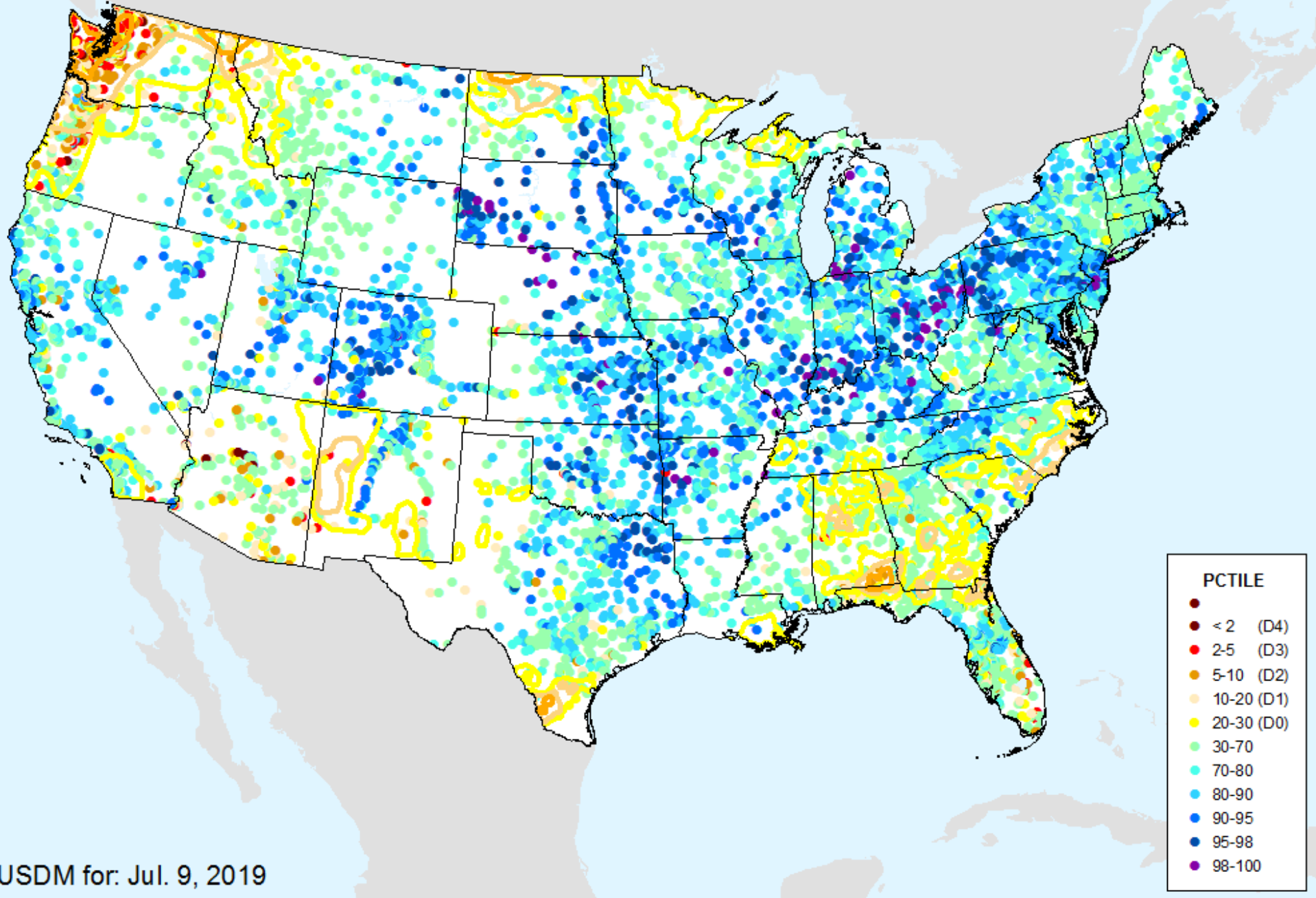
# USGS 7-Day Avg Streamflow

As of: Tuesday, July 16, 2019



# USGS 28-Day Avg Streamflow

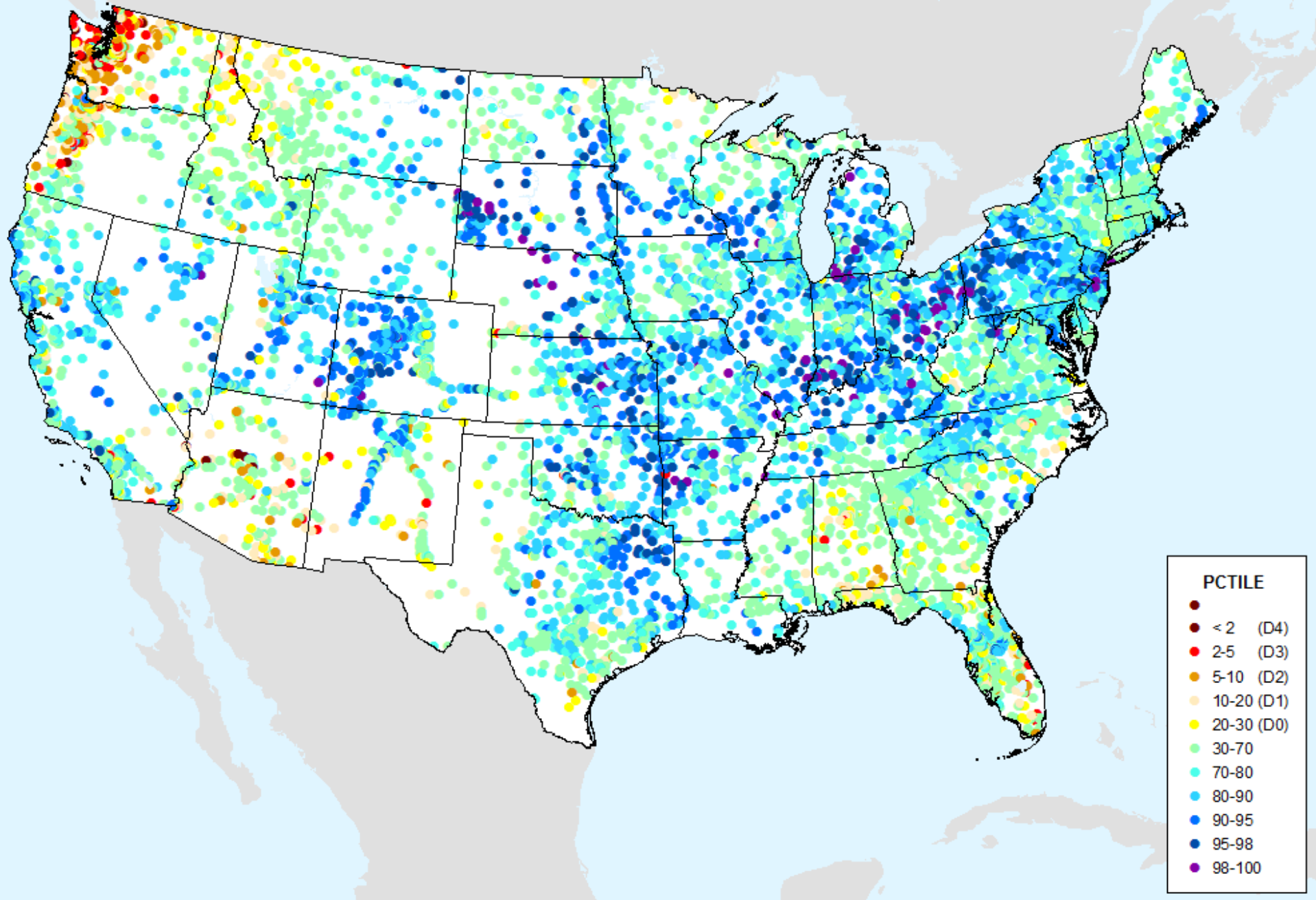
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

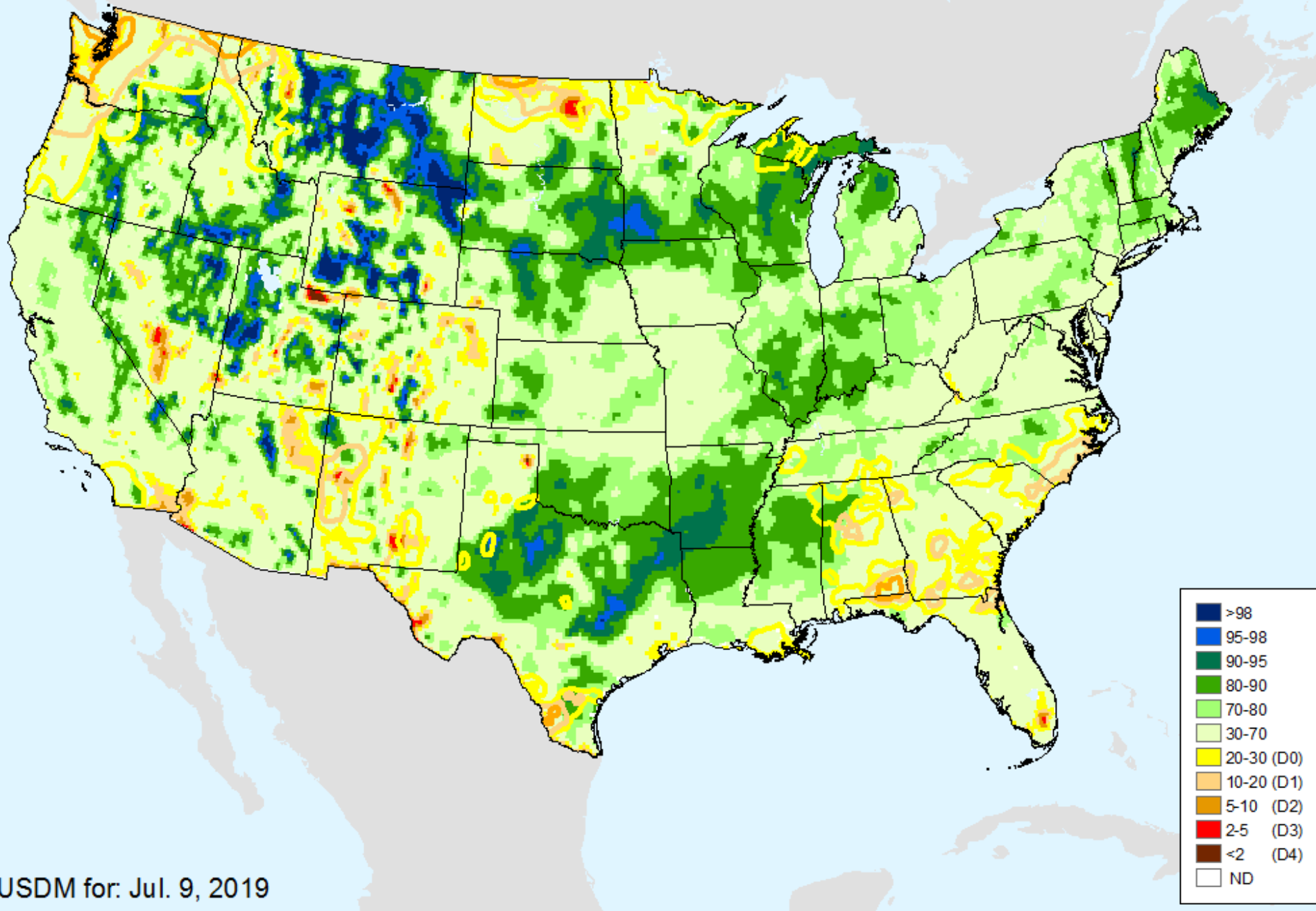
# USGS 28-Day Avg Streamflow

As of: Tuesday, July 16, 2019



# NLDAS Top 1m Soil Moisture

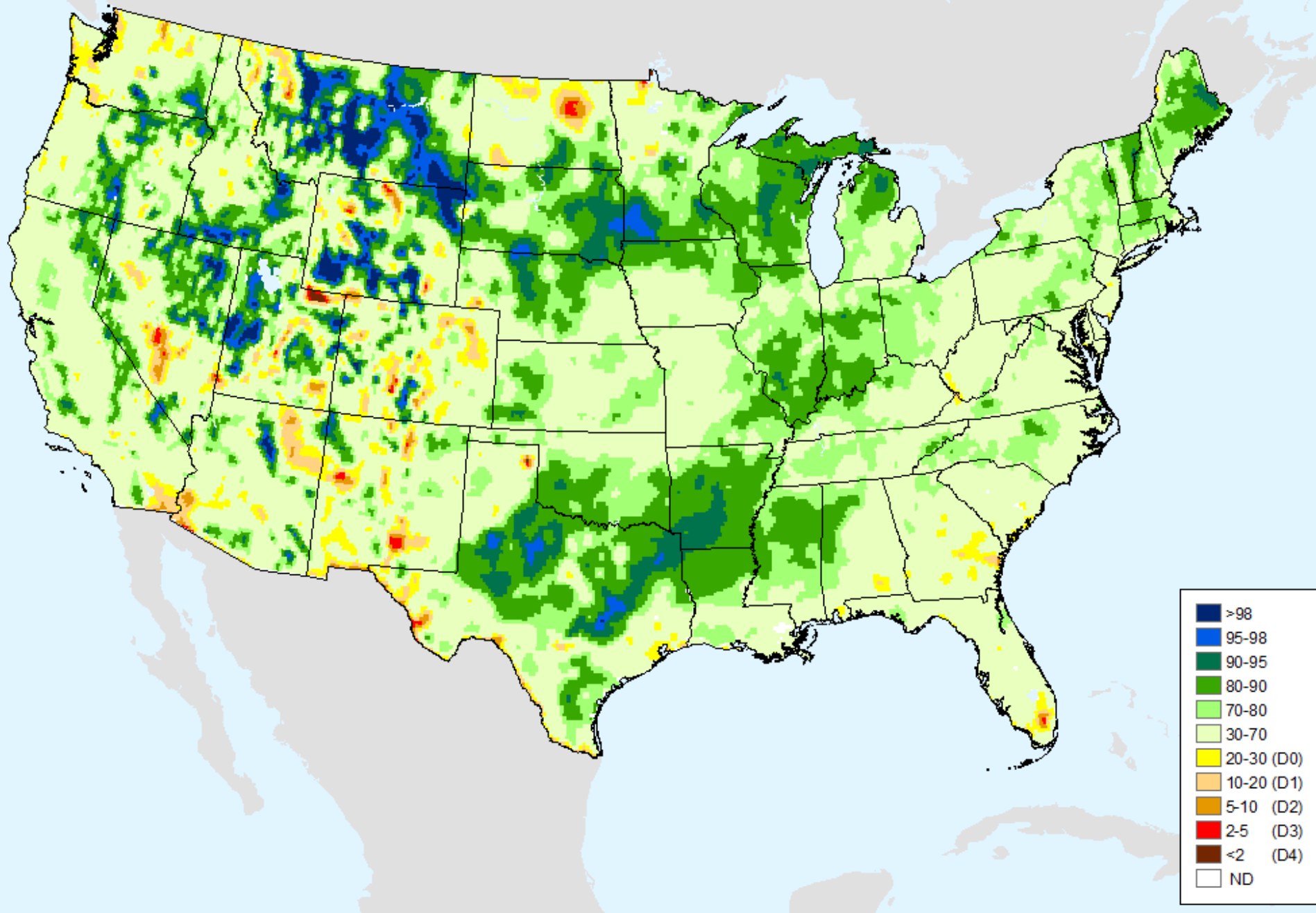
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

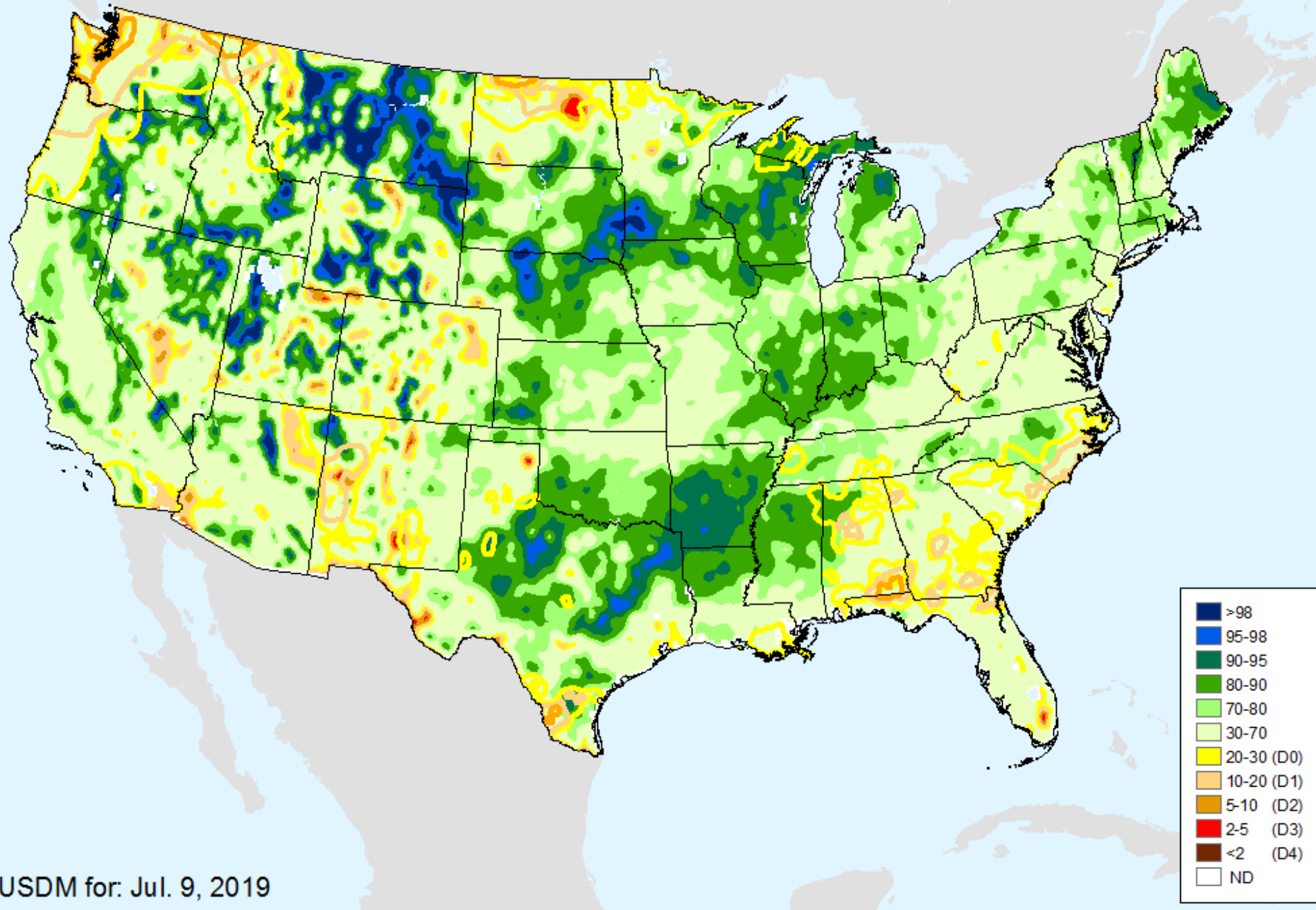
# NLDAS Top 1m Soil Moisture

As of: Tuesday, July 16, 2019



# NLDAS Total Column Soil Moisture

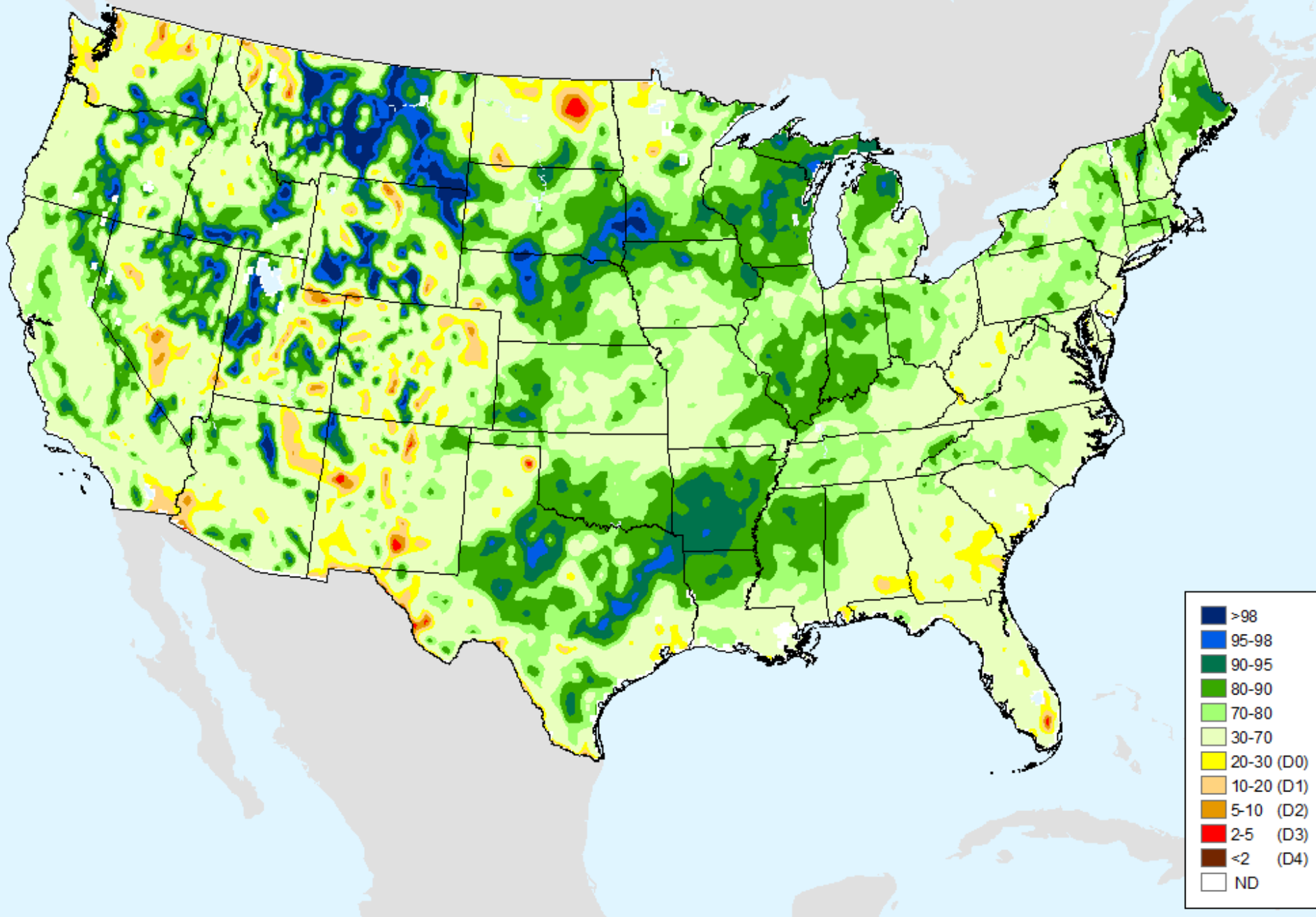
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# NLDAS Total Column Soil Moisture

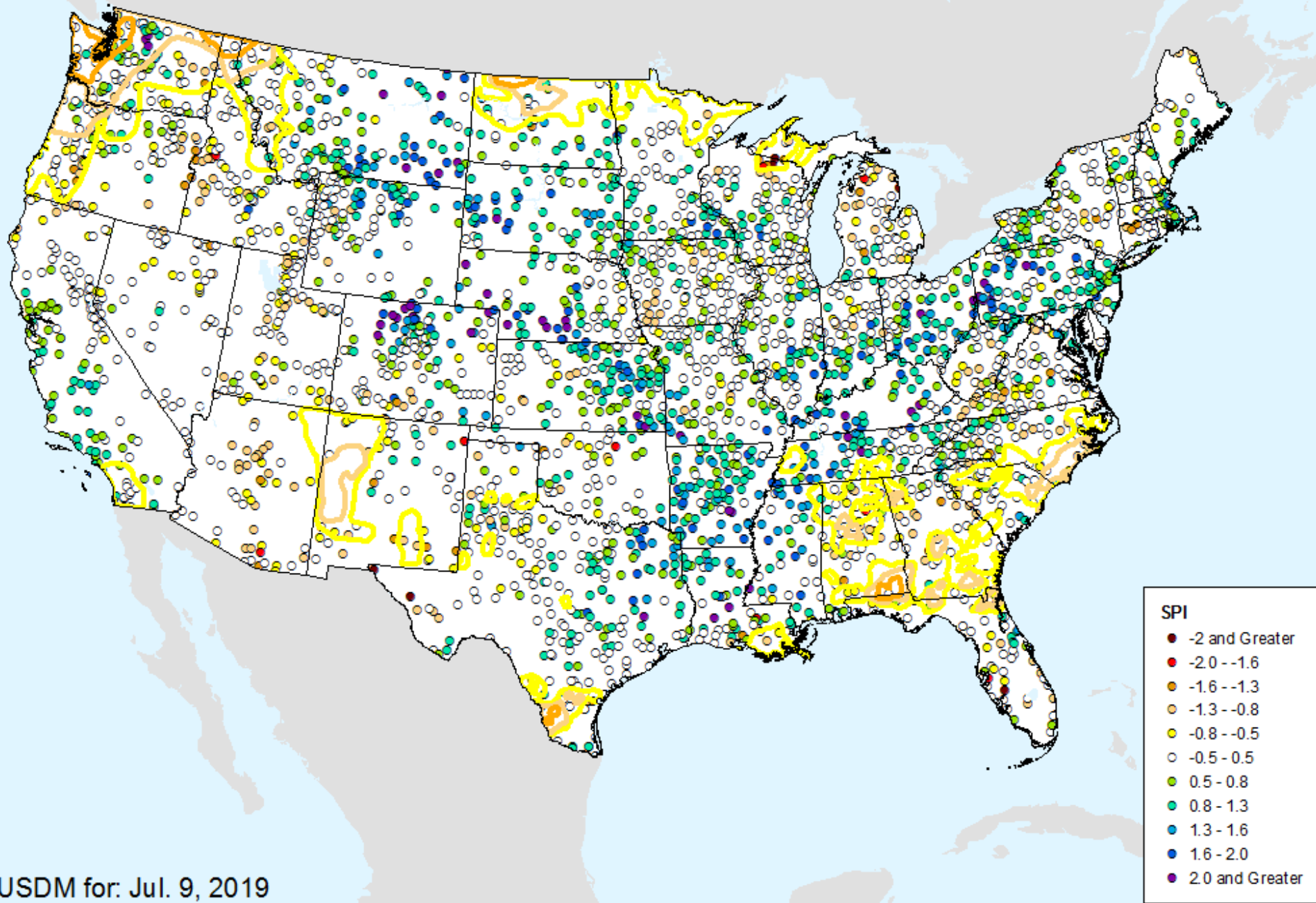
As of: Tuesday, July 16, 2019





# HPRCC 1-month SPI

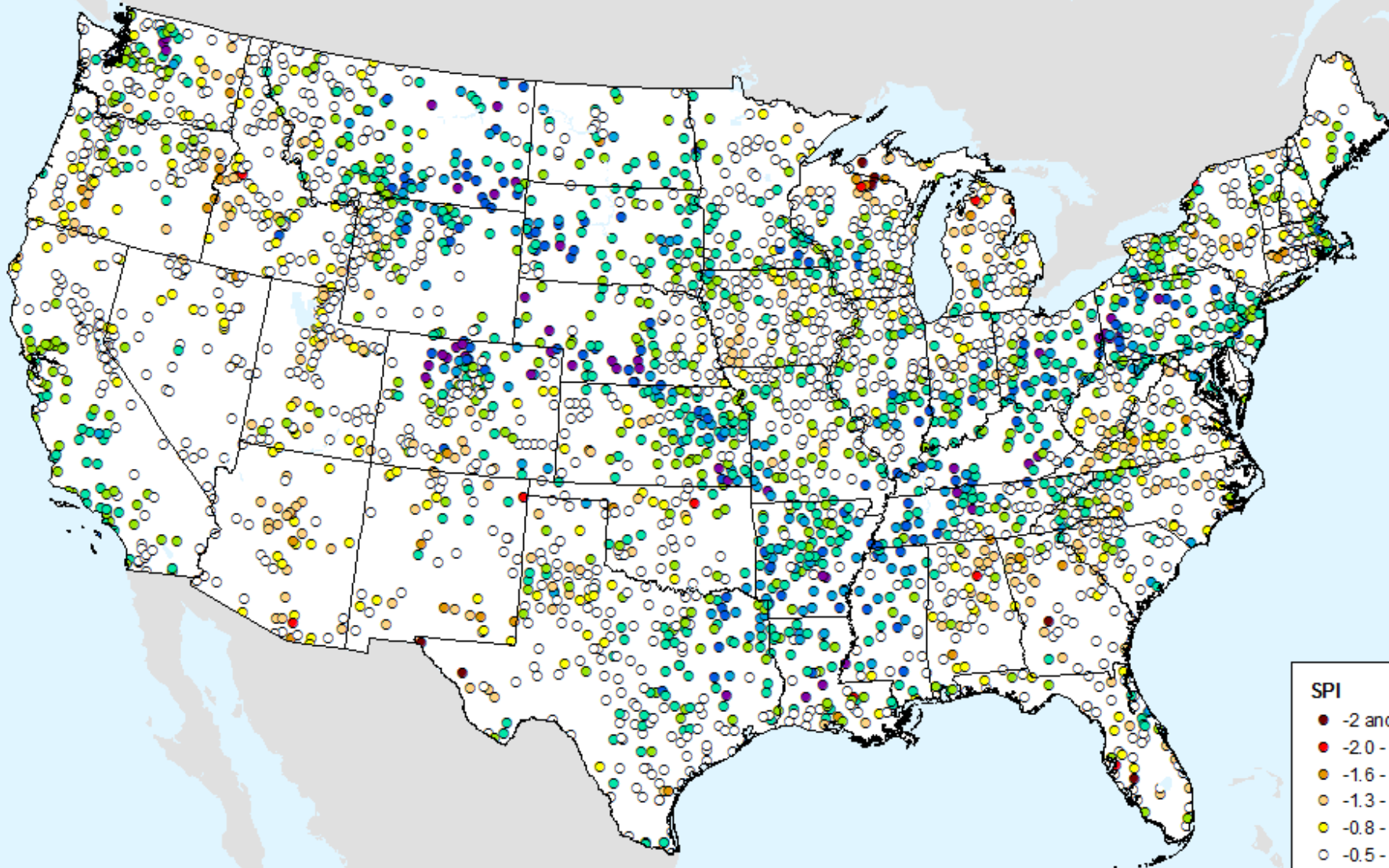
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# HPRCC 1-month SPI

As of: Tuesday, July 16, 2019

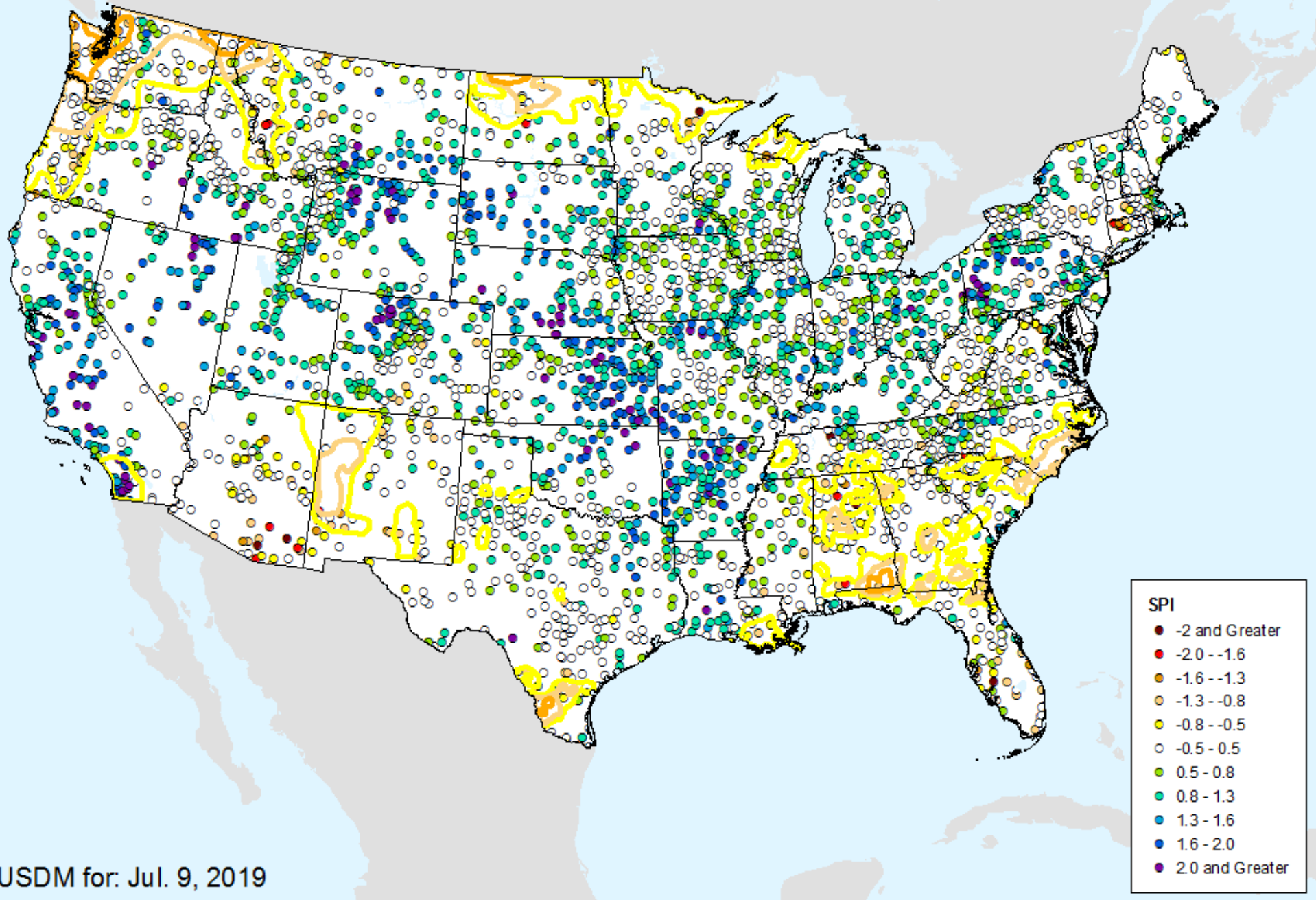


## SPI

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

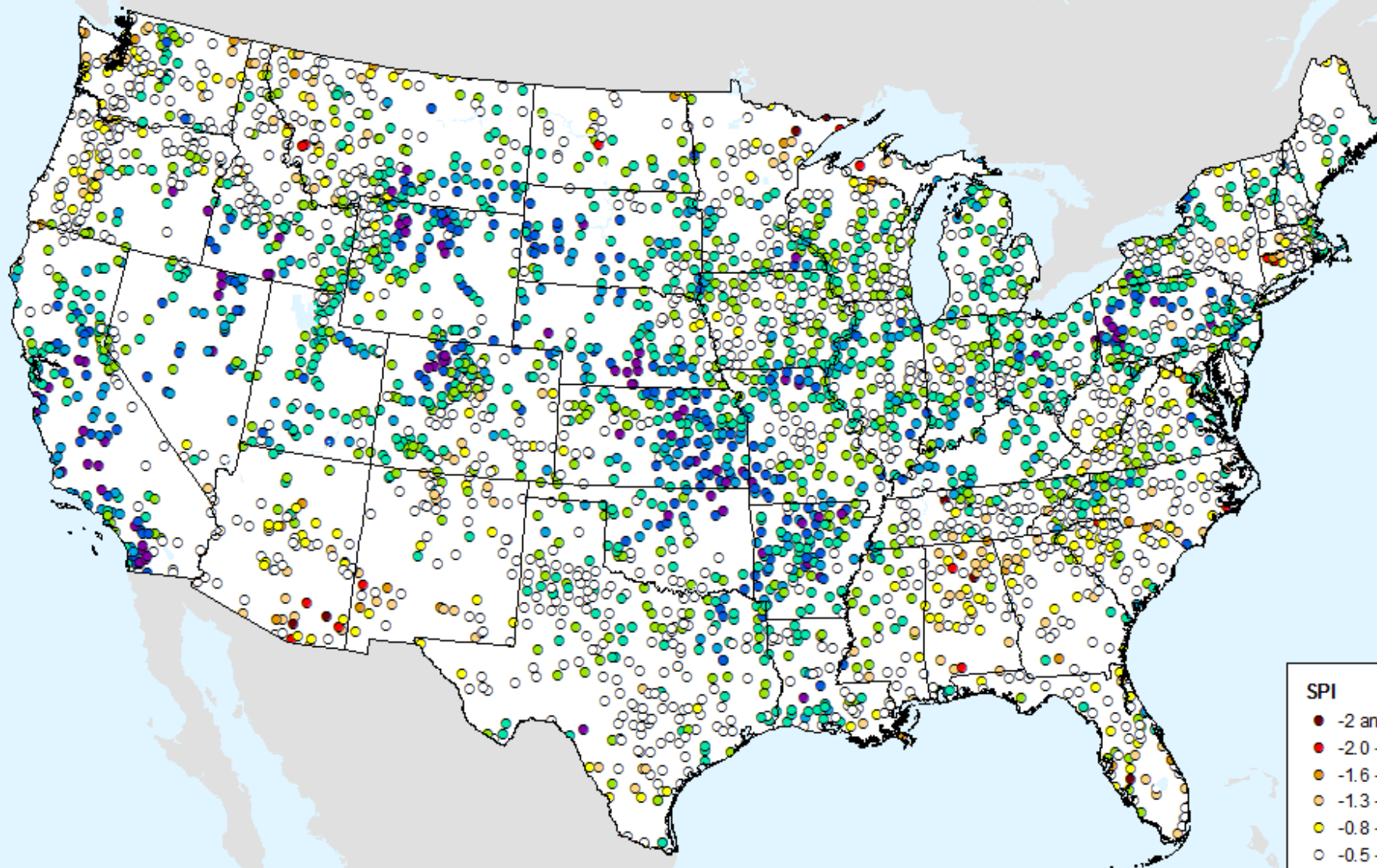
# HPRCC 2-month SPI

As of: Tuesday, July 16, 2019



# HPRCC 2-month SPI

As of: Tuesday, July 16, 2019

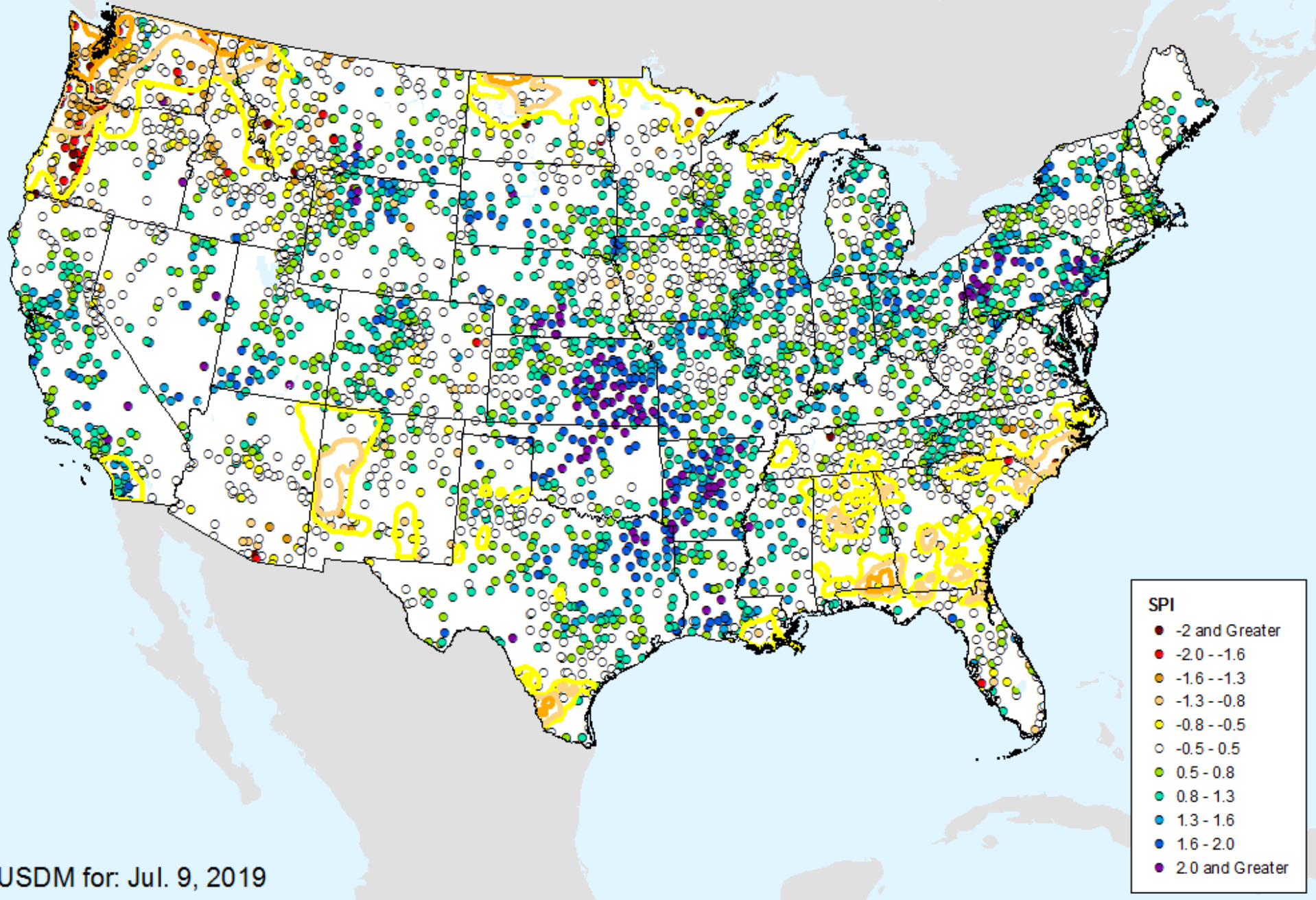


## SPI

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

# HPRCC 3-month SPI

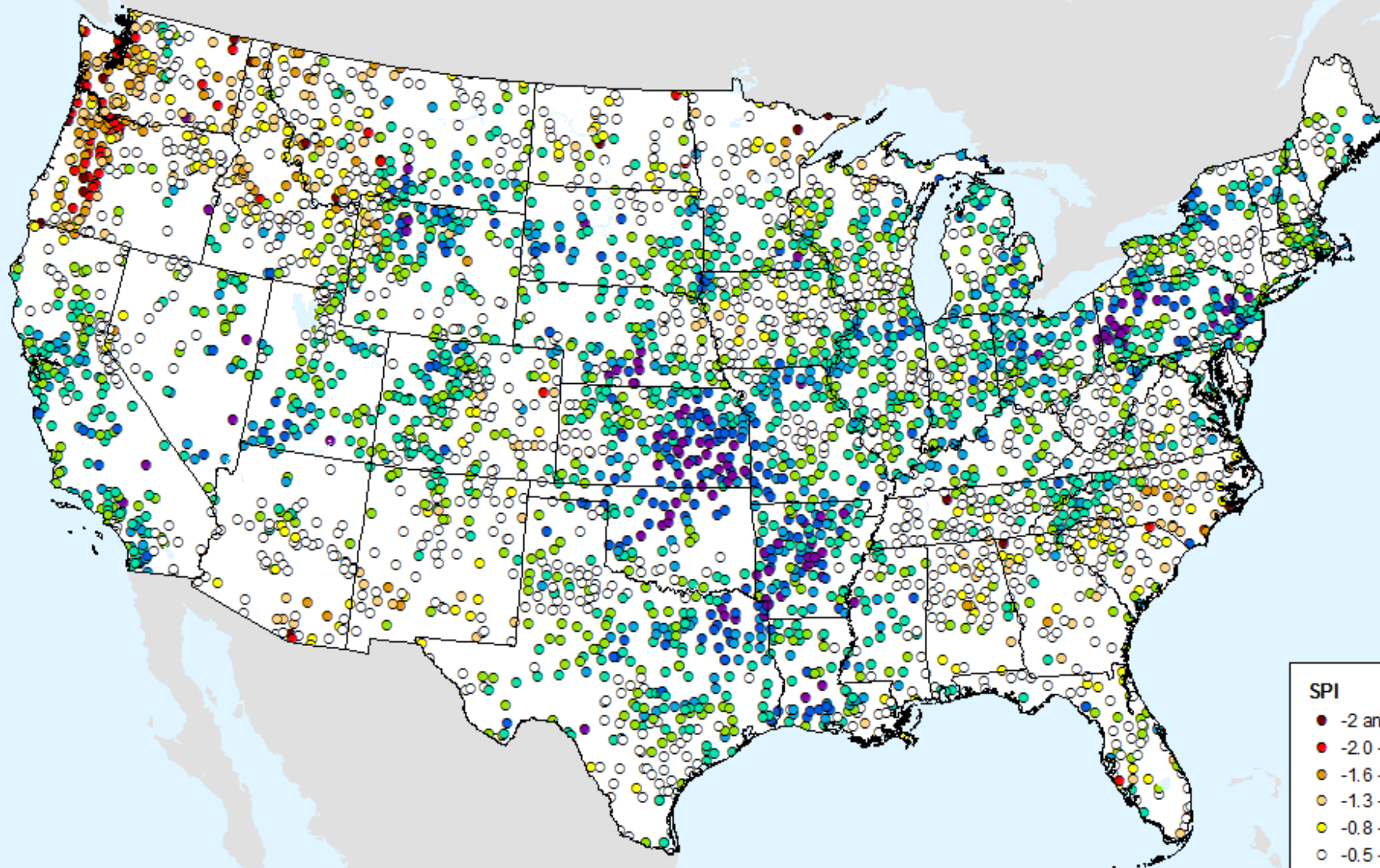
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# HPRCC 3-month SPI

As of: Tuesday, July 16, 2019

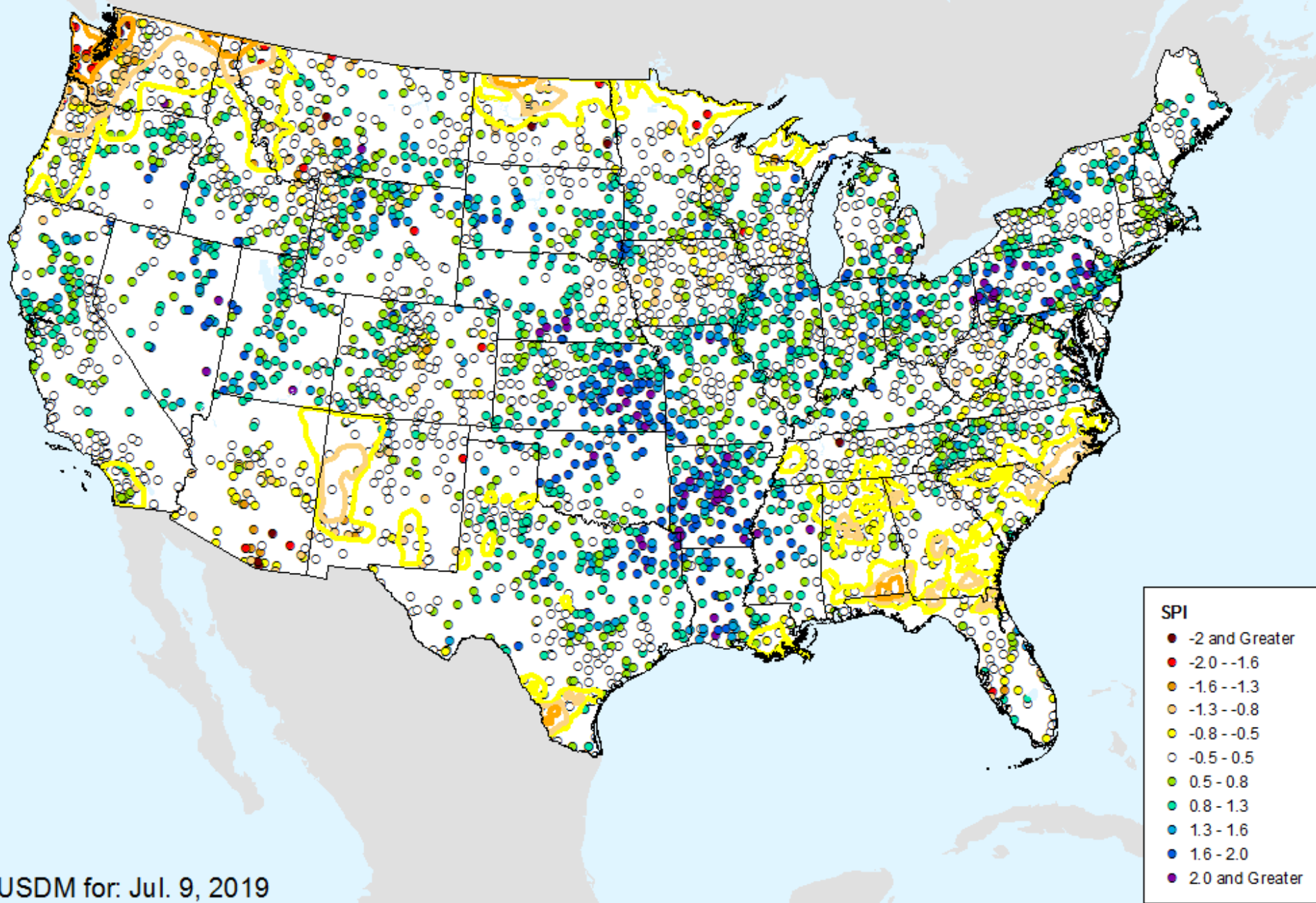


## SPI

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

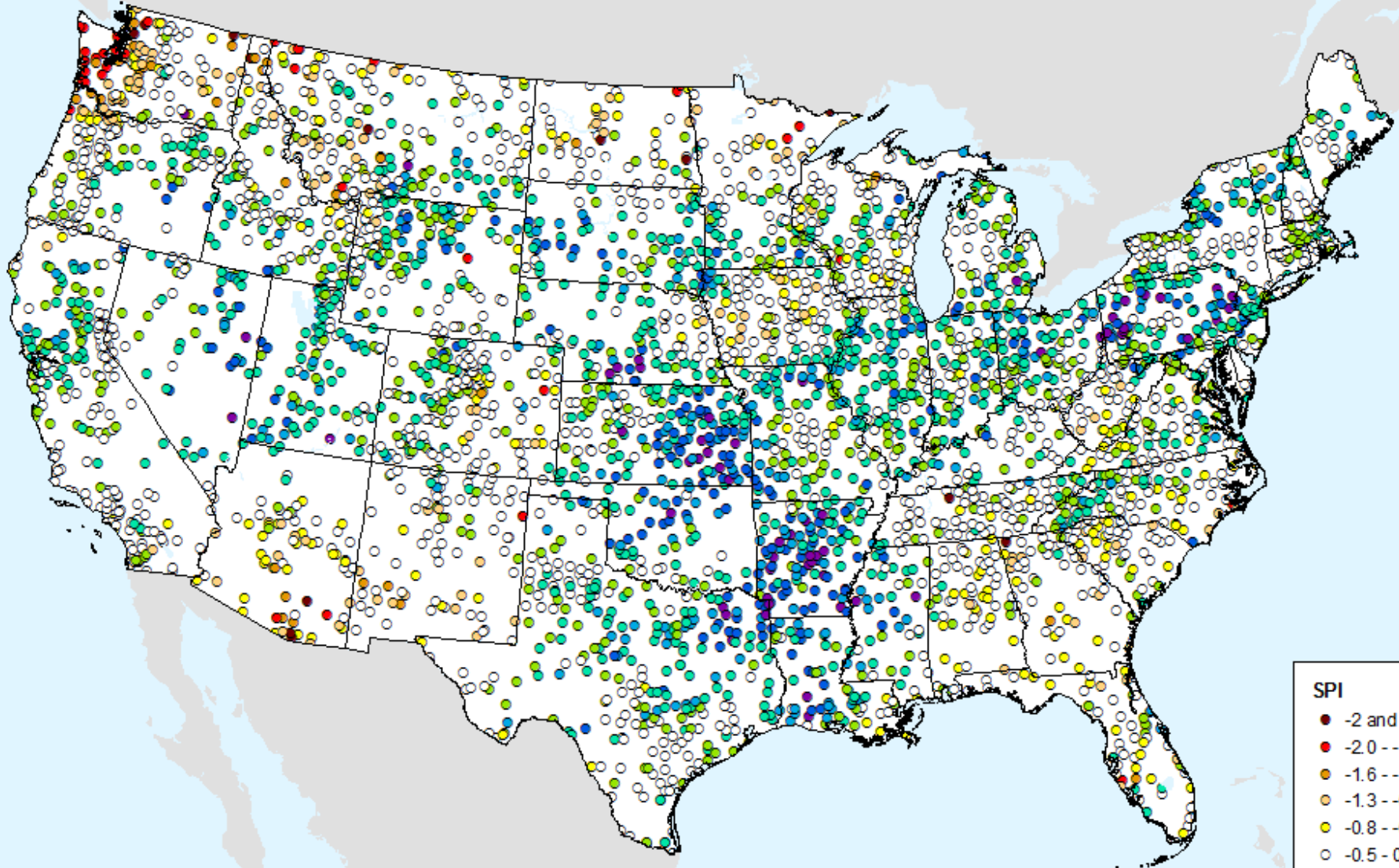
# HPRCC 4-month SPI

As of: Tuesday, July 16, 2019



# HPRCC 4-month SPI

As of: Tuesday, July 16, 2019



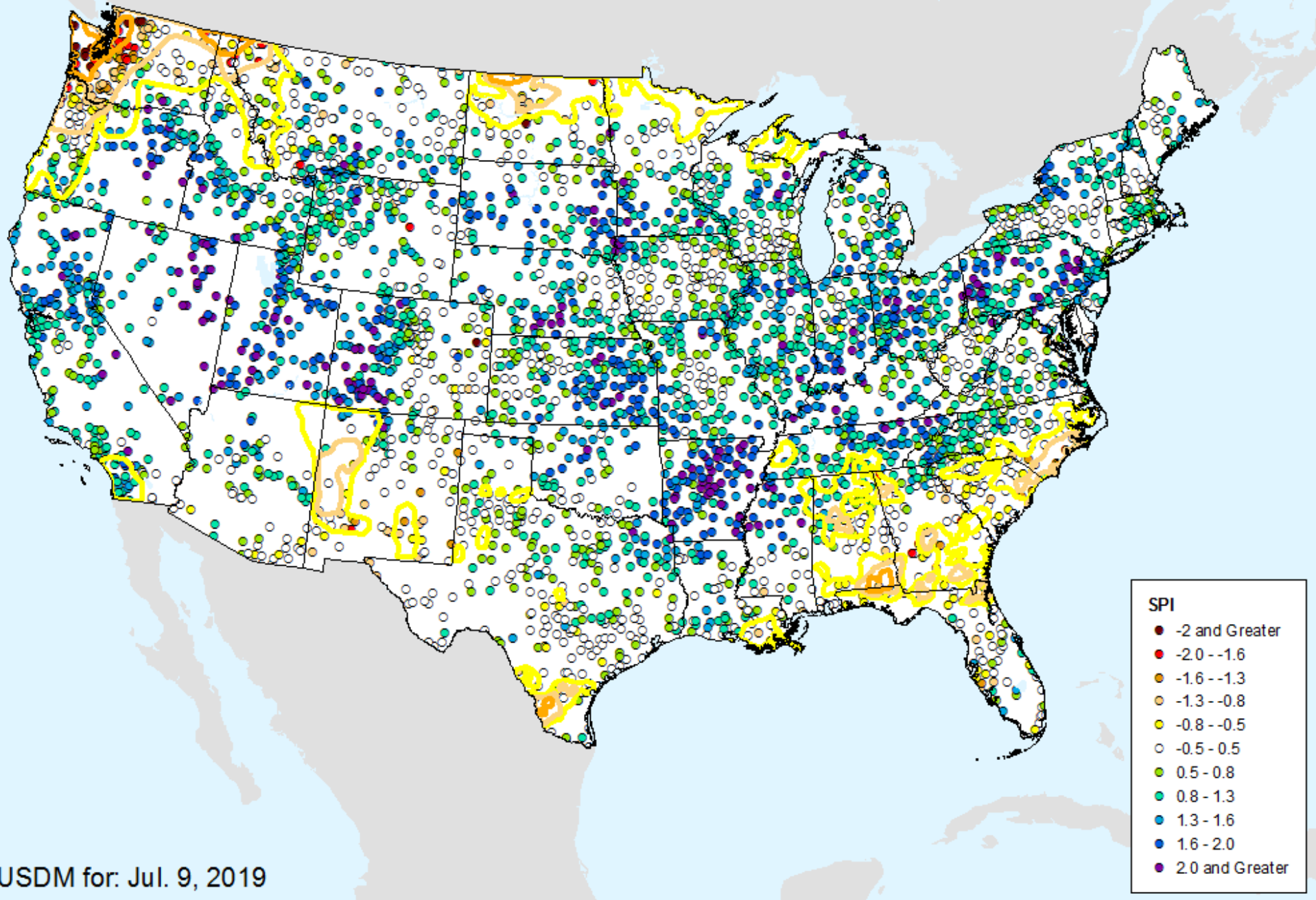
## SPI

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



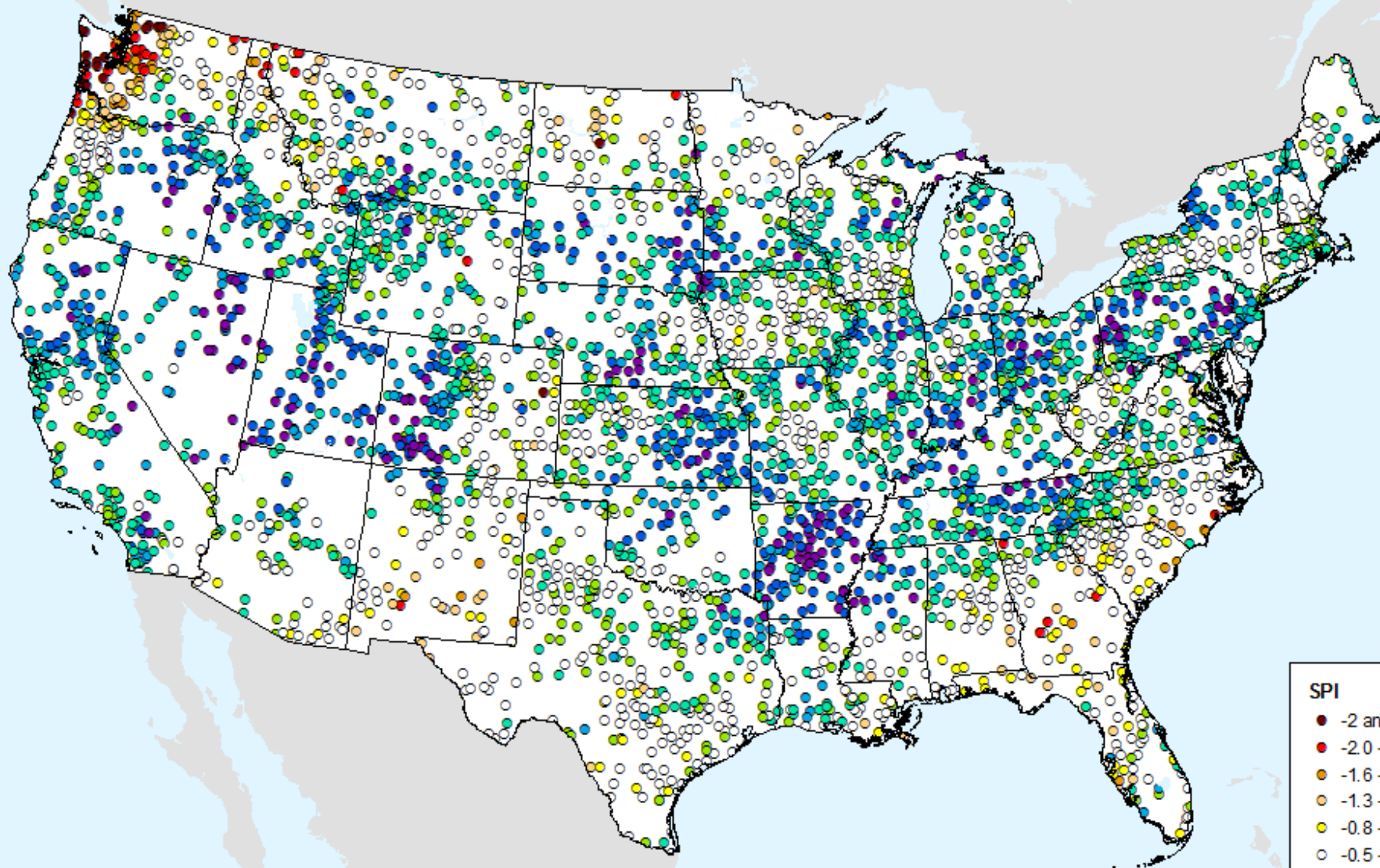
# HPRCC 6-month SPI

As of: Tuesday, July 16, 2019



# HPRCC 6-month SPI

As of: Tuesday, July 16, 2019

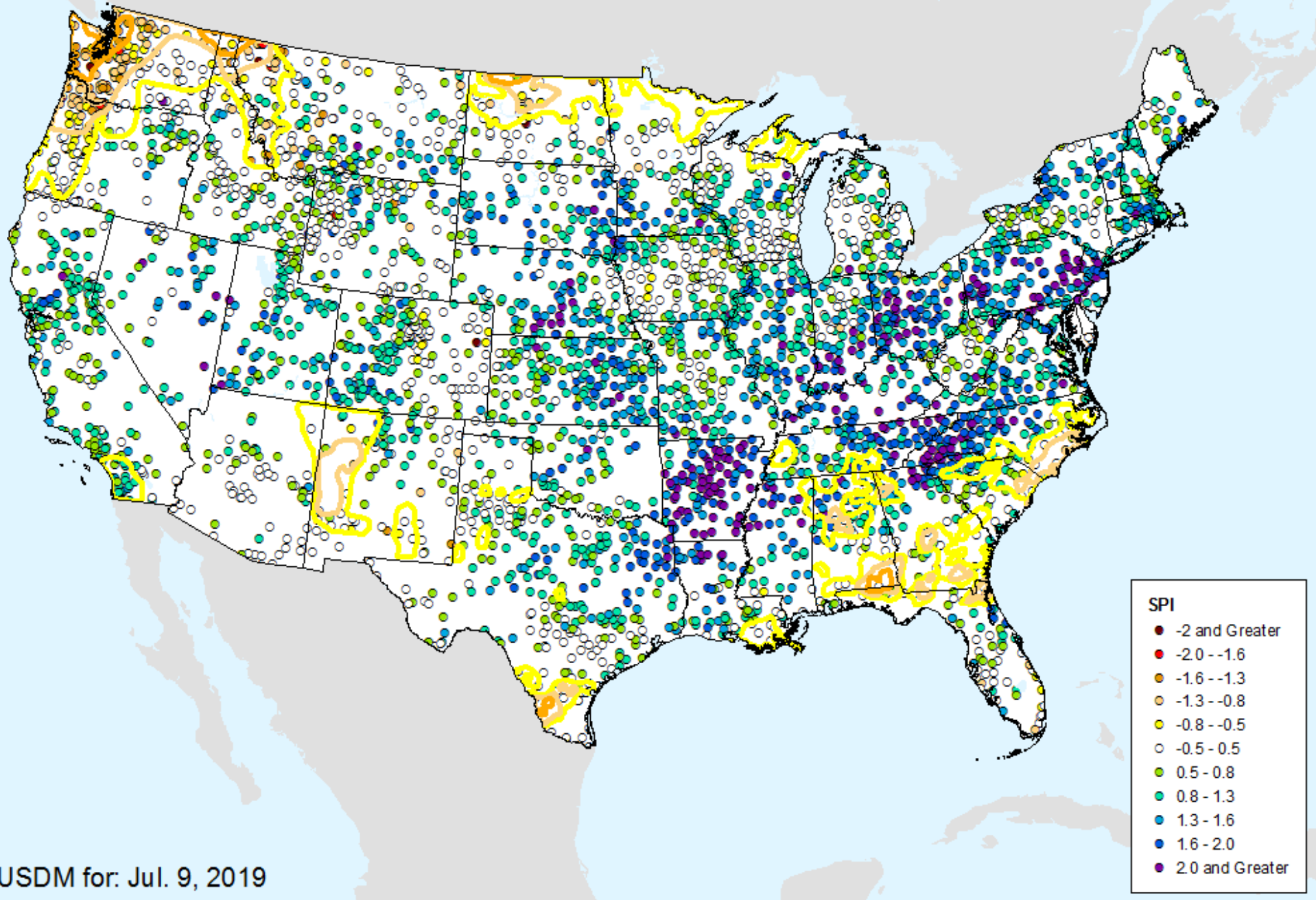


## SPI

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

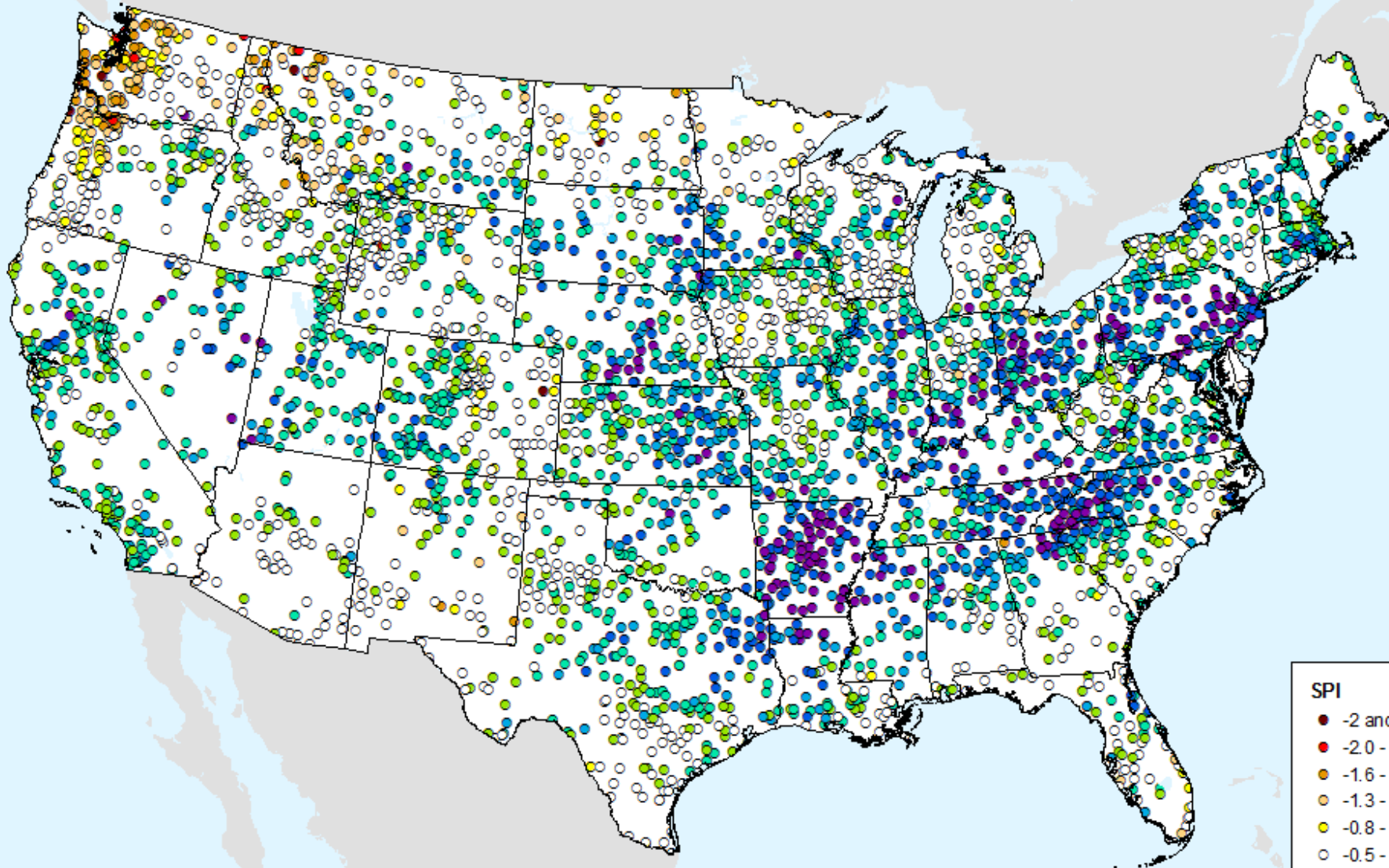
# HPRCC 9-month SPI

As of: Tuesday, July 16, 2019



# HPRCC 9-month SPI

As of: Tuesday, July 16, 2019

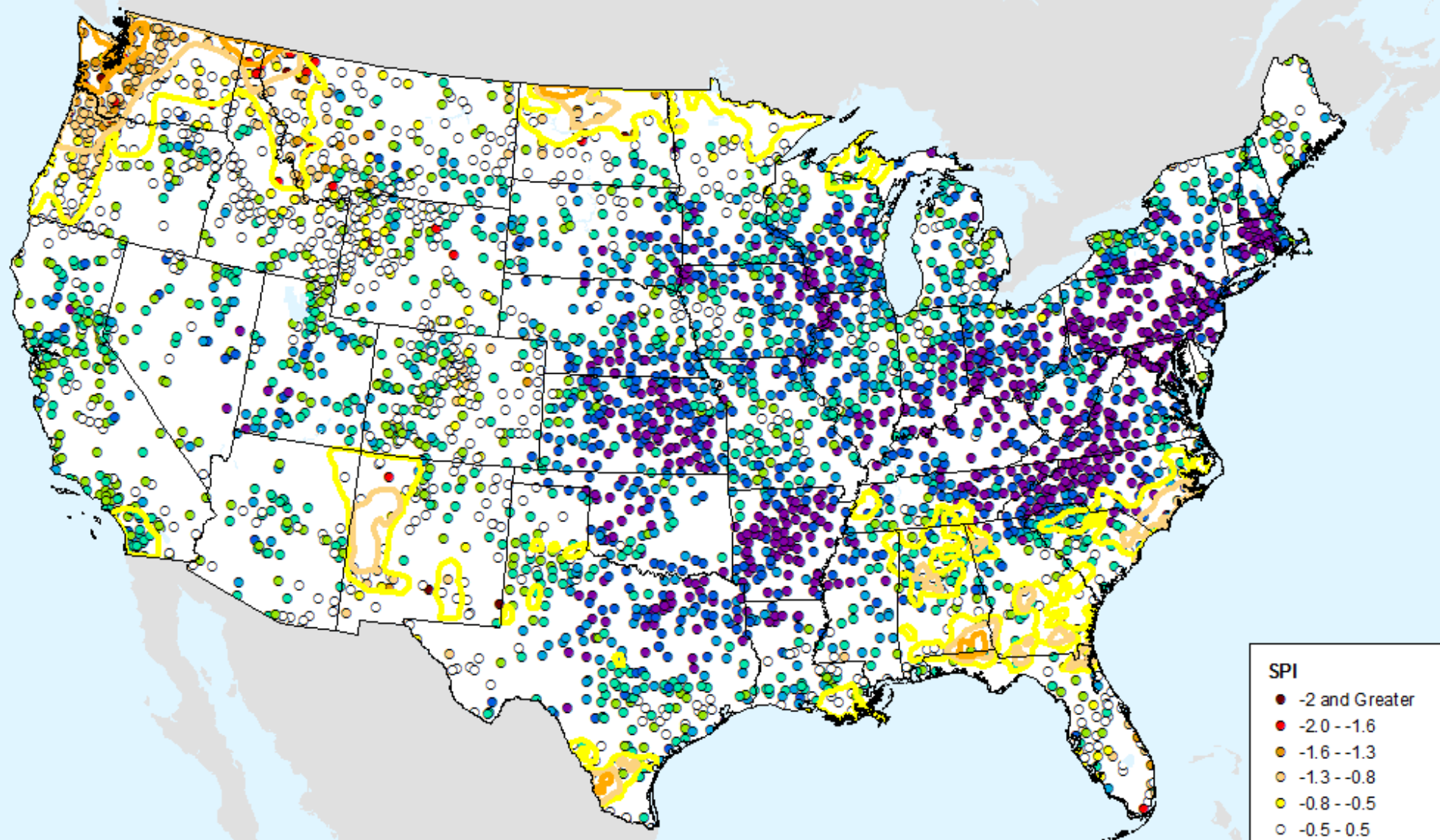


## SPI

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

# HPRCC 12-month SPI

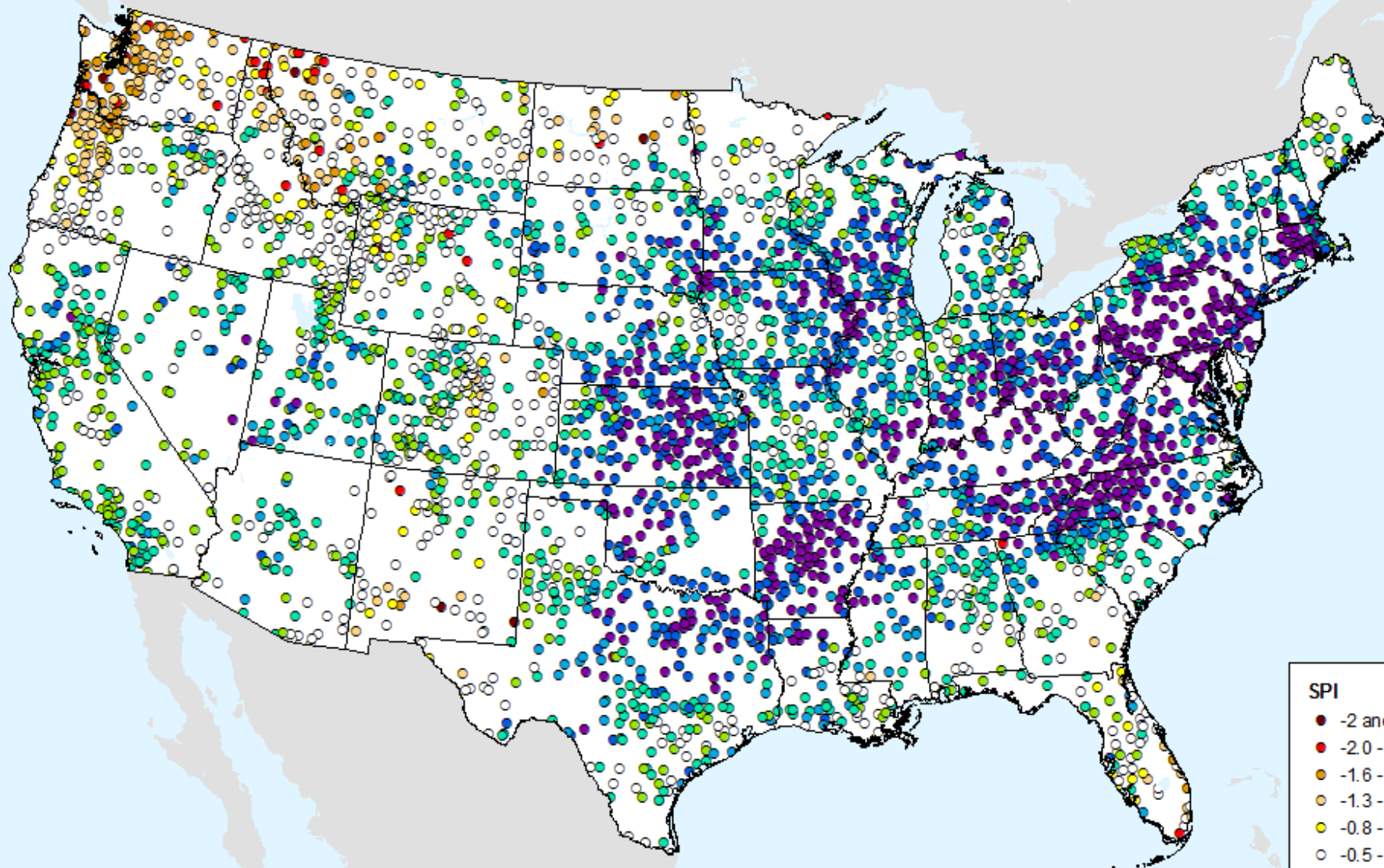
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# HPRCC 12-month SPI

As of: Tuesday, July 16, 2019

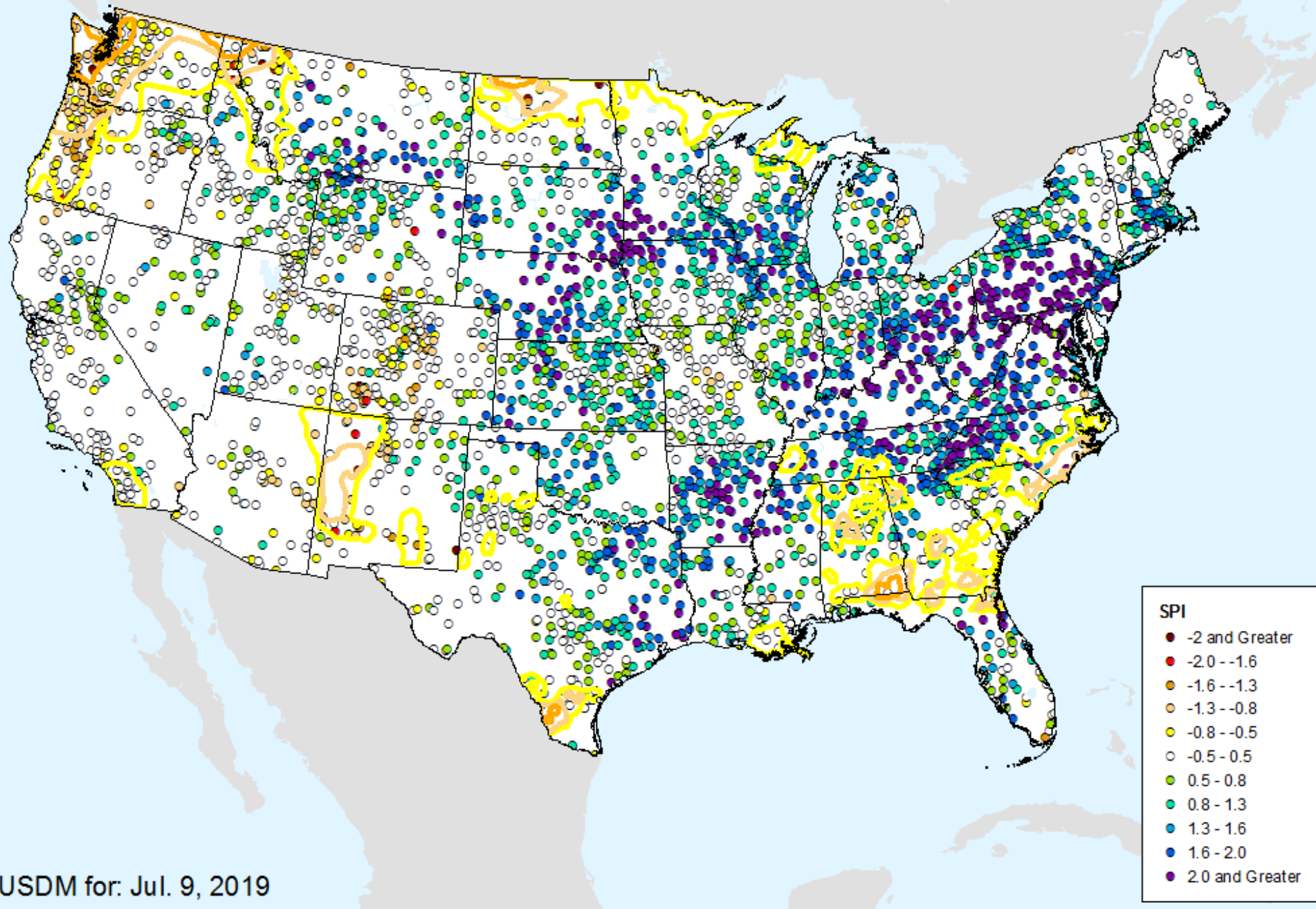


## SPI

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

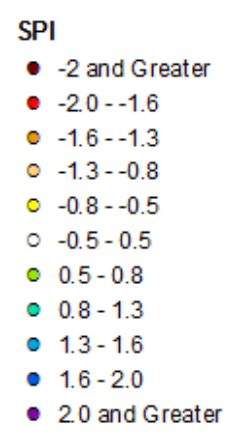
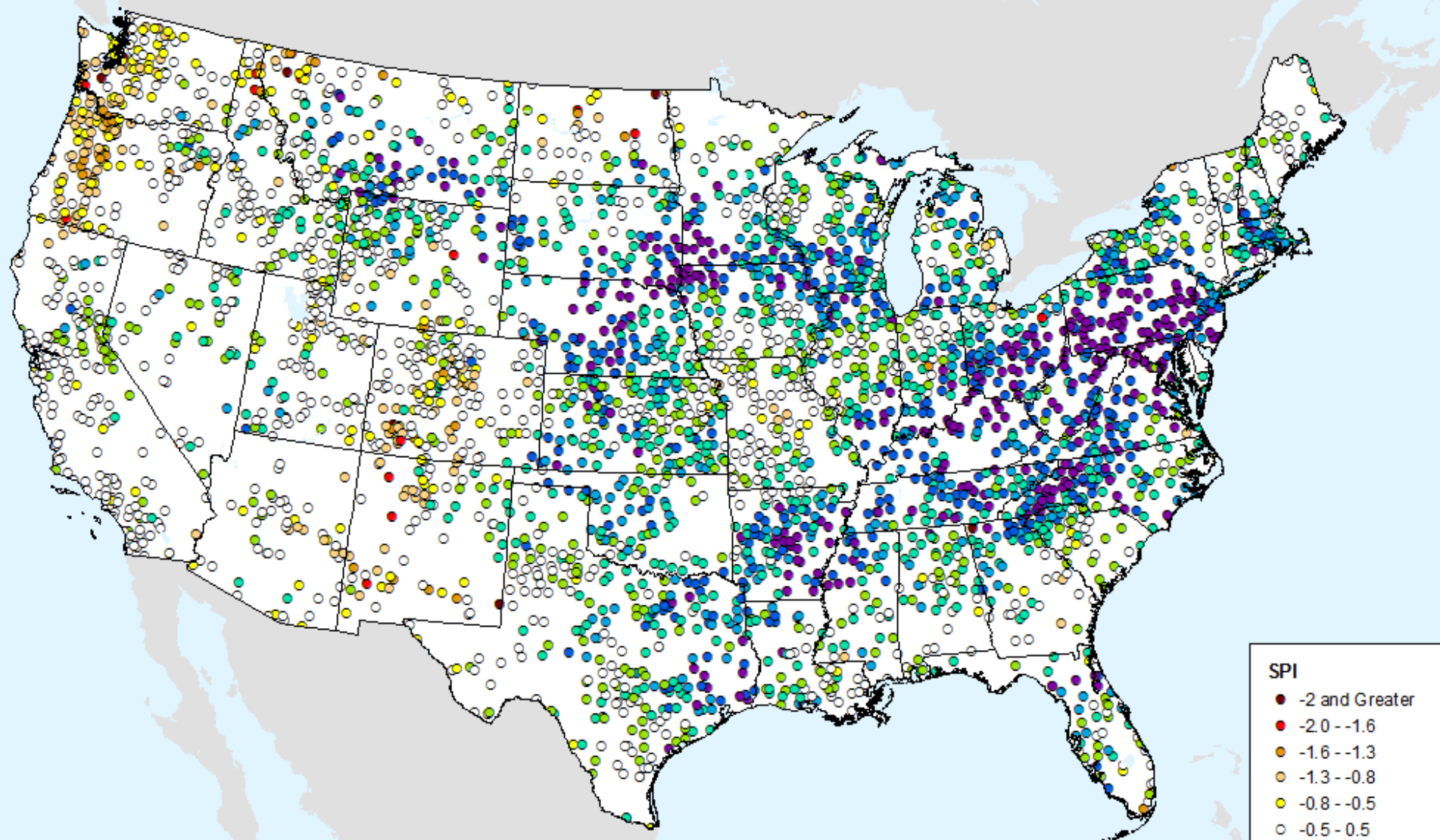
# HPRCC 24-month SPI

As of: Tuesday, July 16, 2019



# HPRCC 24-month SPI

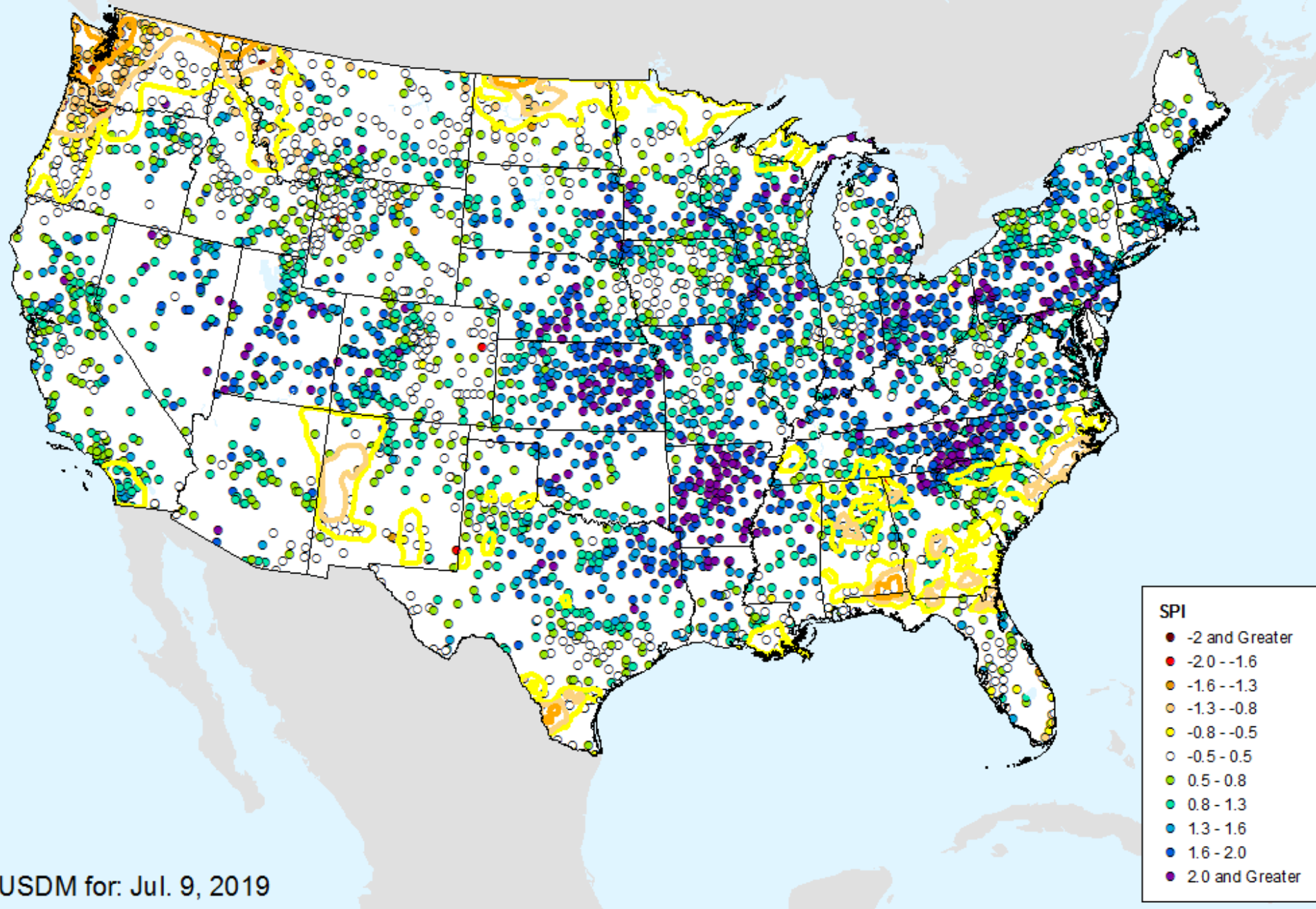
As of: Tuesday, July 16, 2019





# HPRCC Water Year-to-date SPI

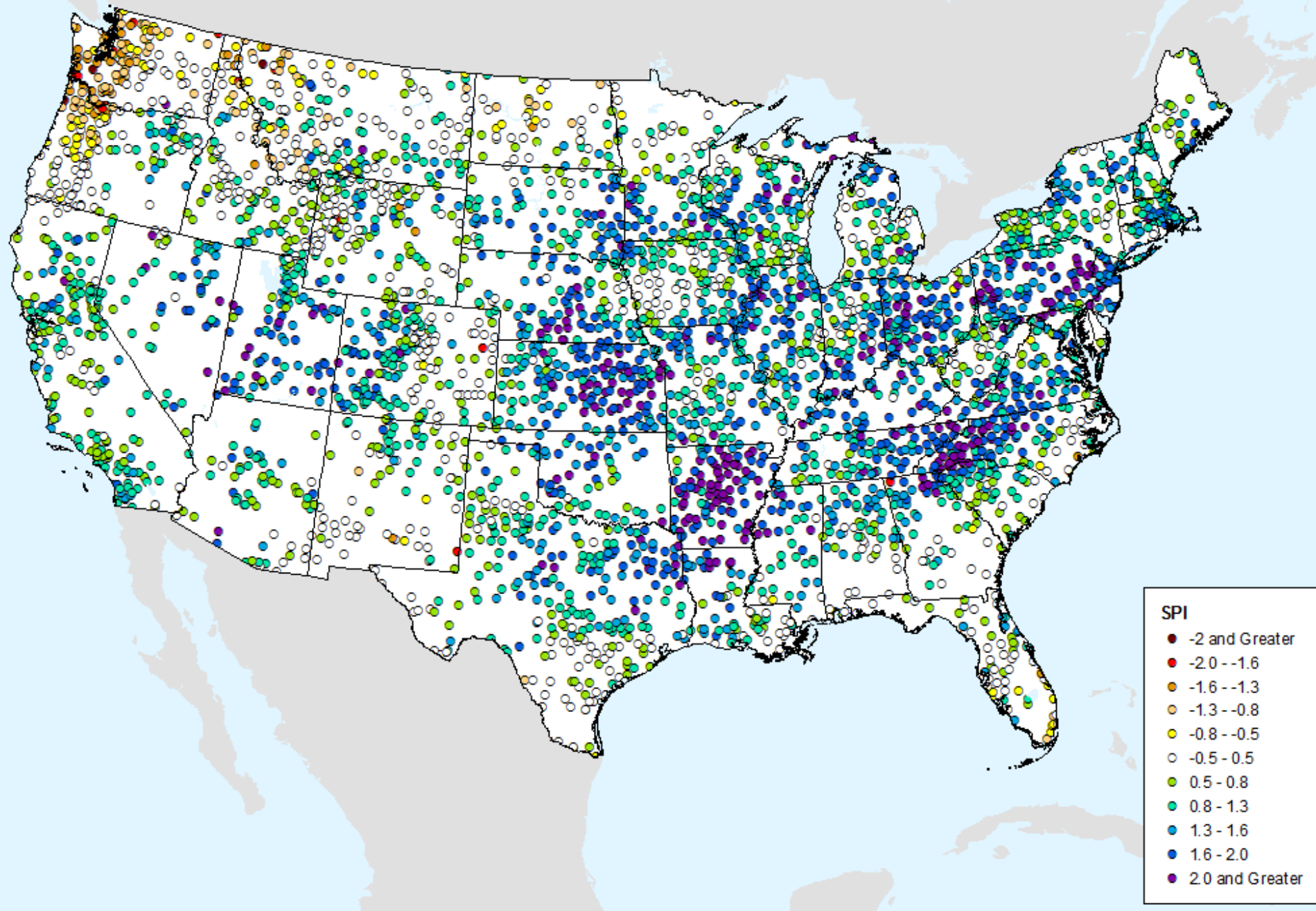
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

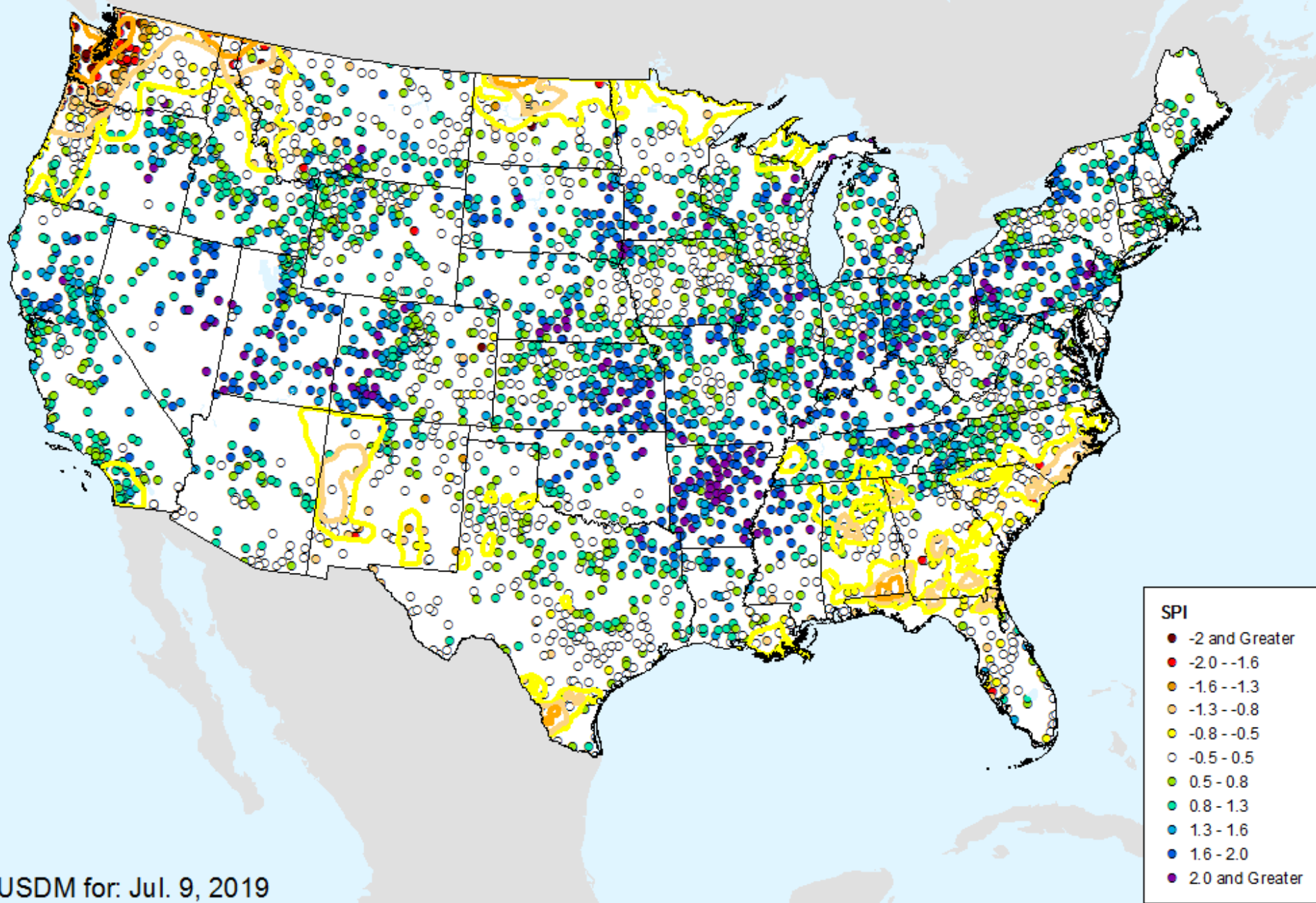
# HPRCC Water Year-to-date SPI

As of: Tuesday, July 16, 2019



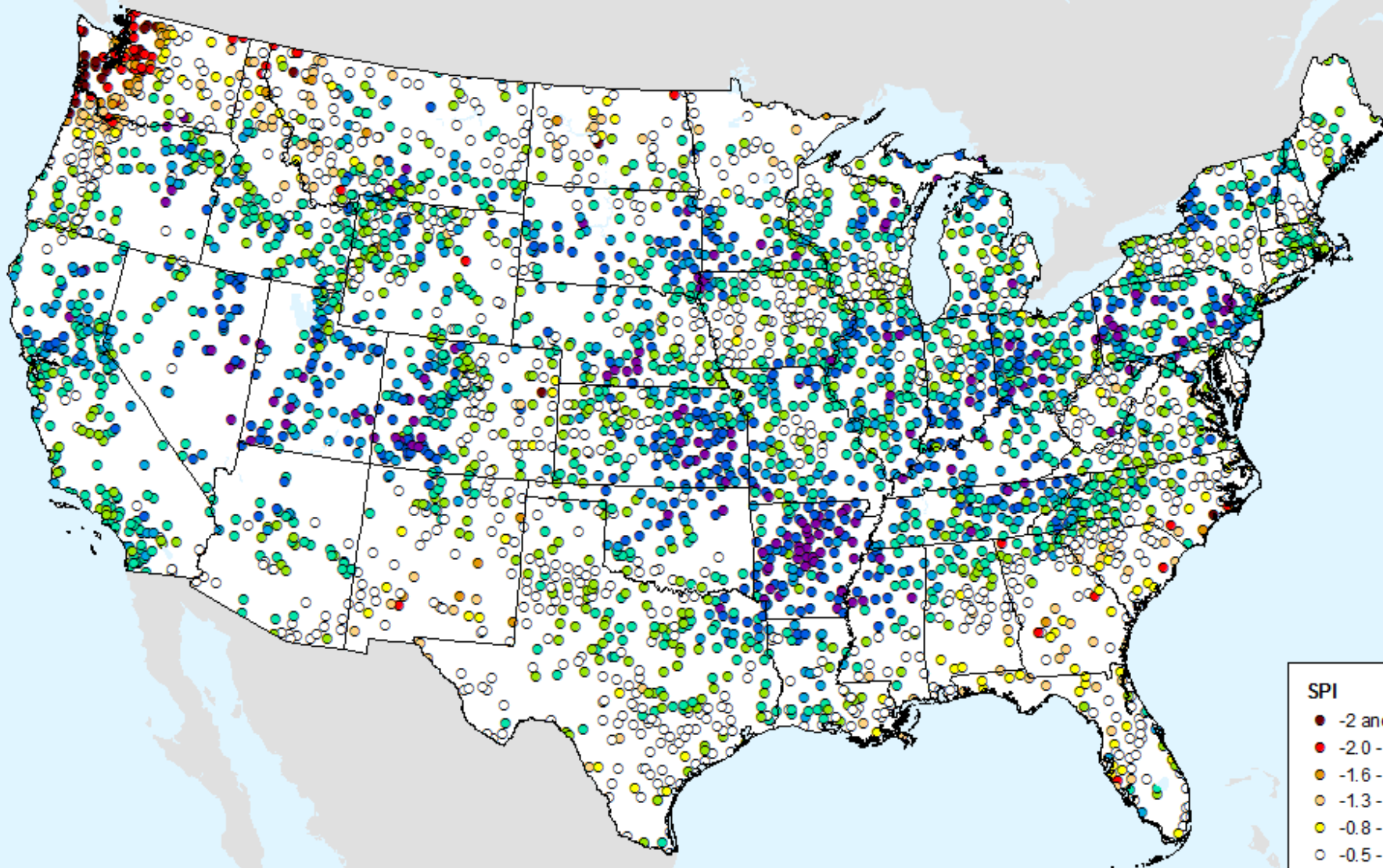
# HPRCC Year-to-date SPI

As of: Tuesday, July 16, 2019



# HPRCC Year-to-date SPI

As of: Tuesday, July 16, 2019

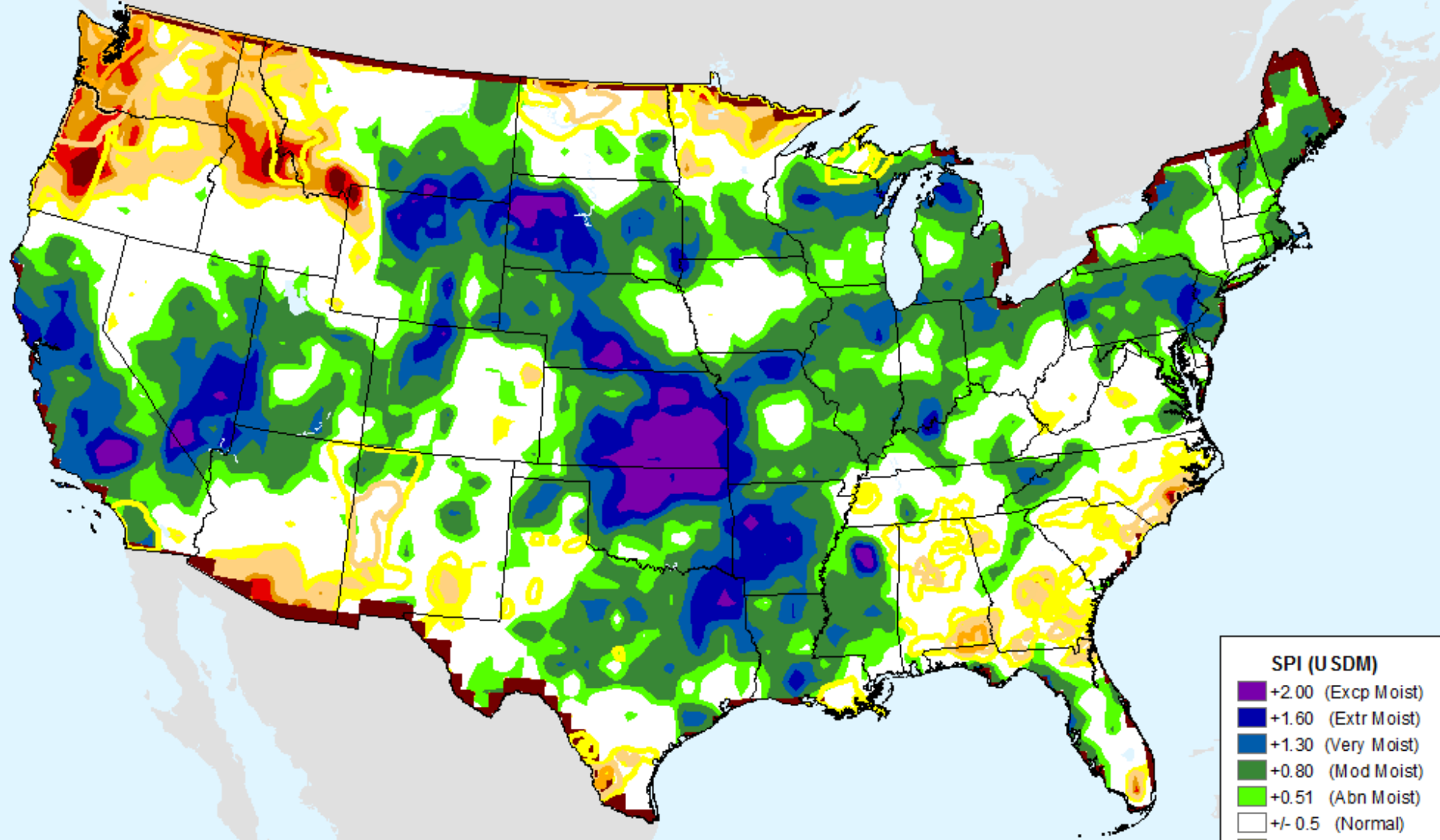


## SPI

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

# CPC 3-month SPI

As of: Tuesday, July 16, 2019

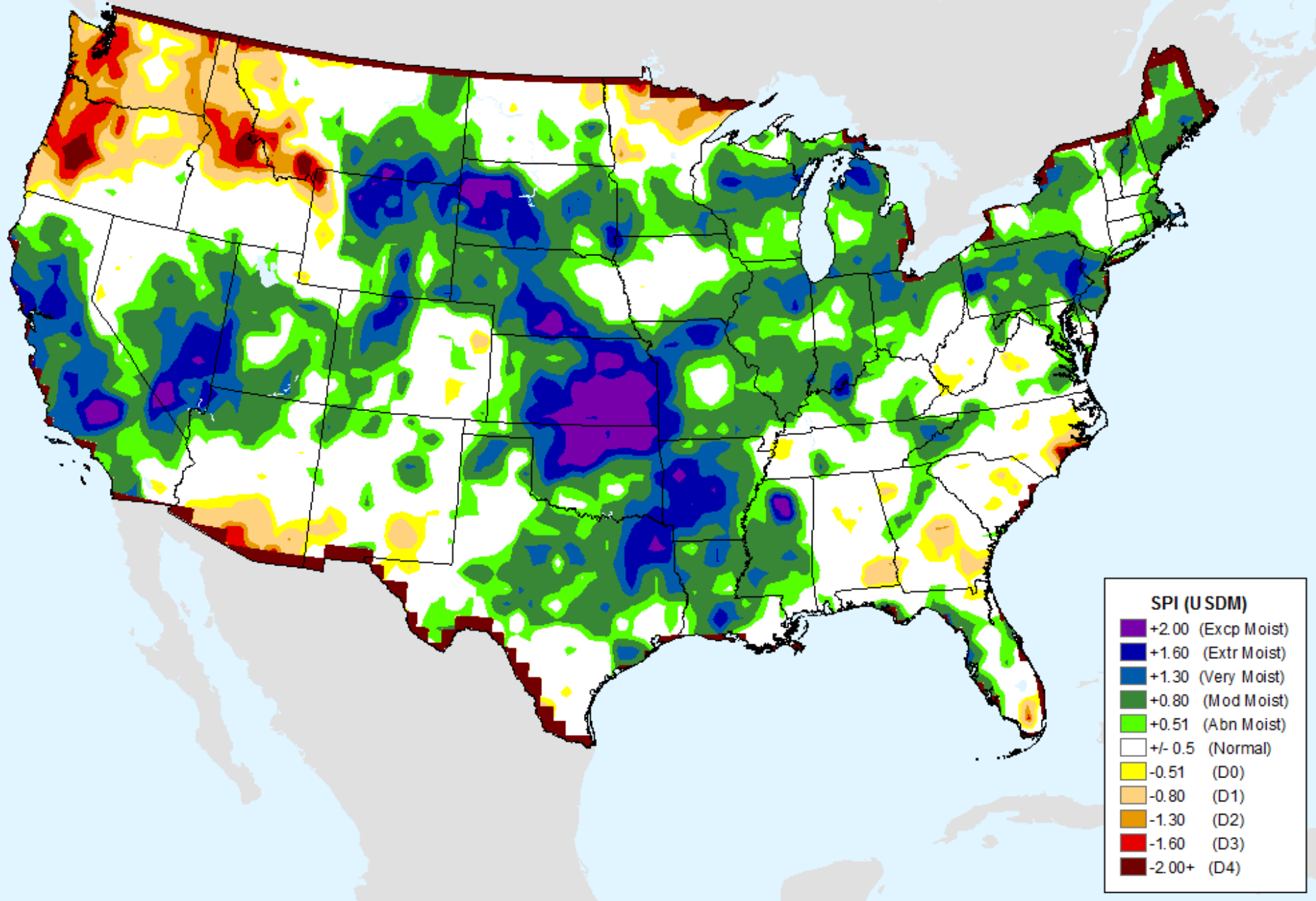


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Jul. 9, 2019

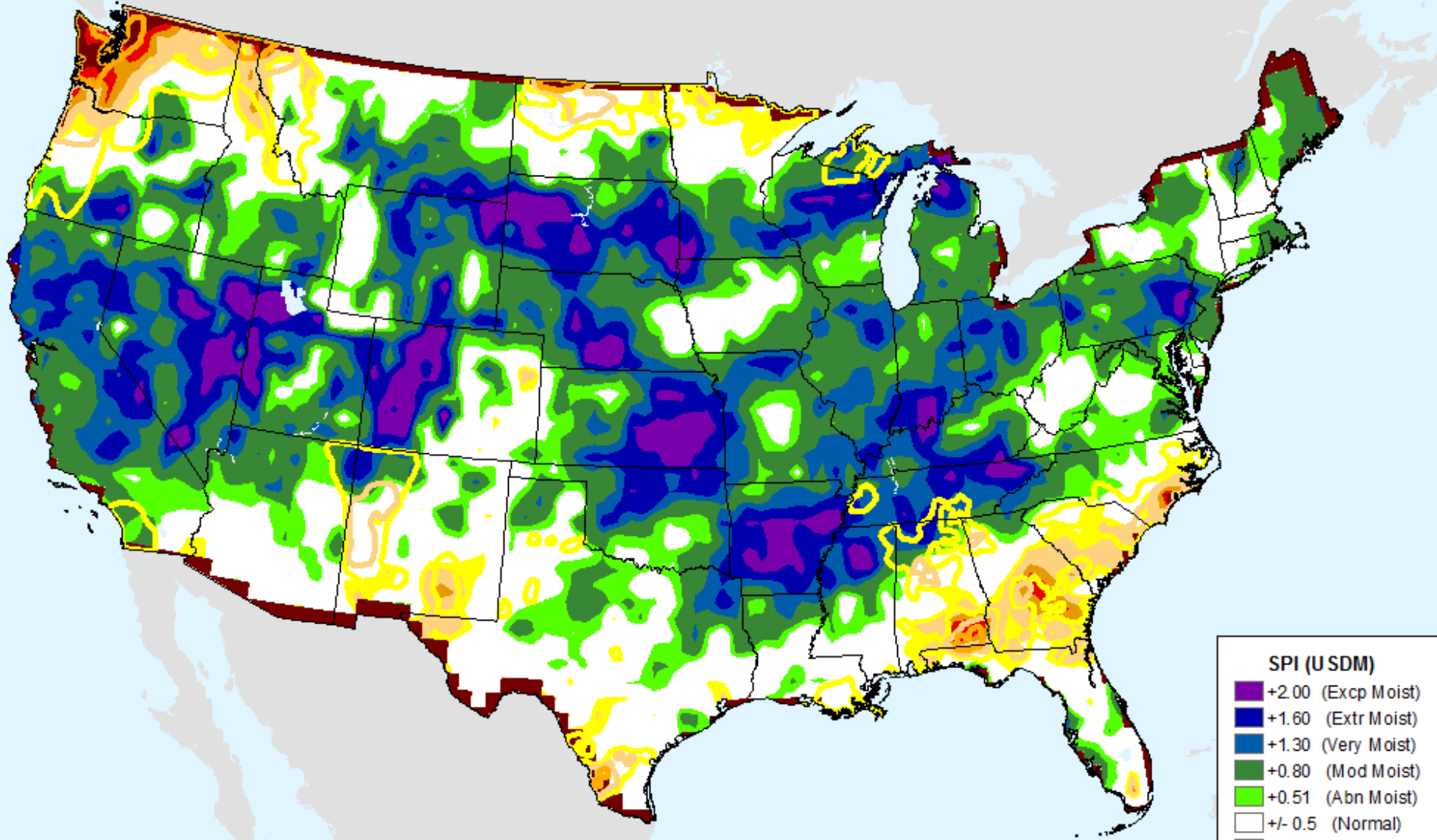
# CPC 3-month SPI

As of: Tuesday, July 16, 2019



# CPC 6-month SPI

As of: Tuesday, July 16, 2019

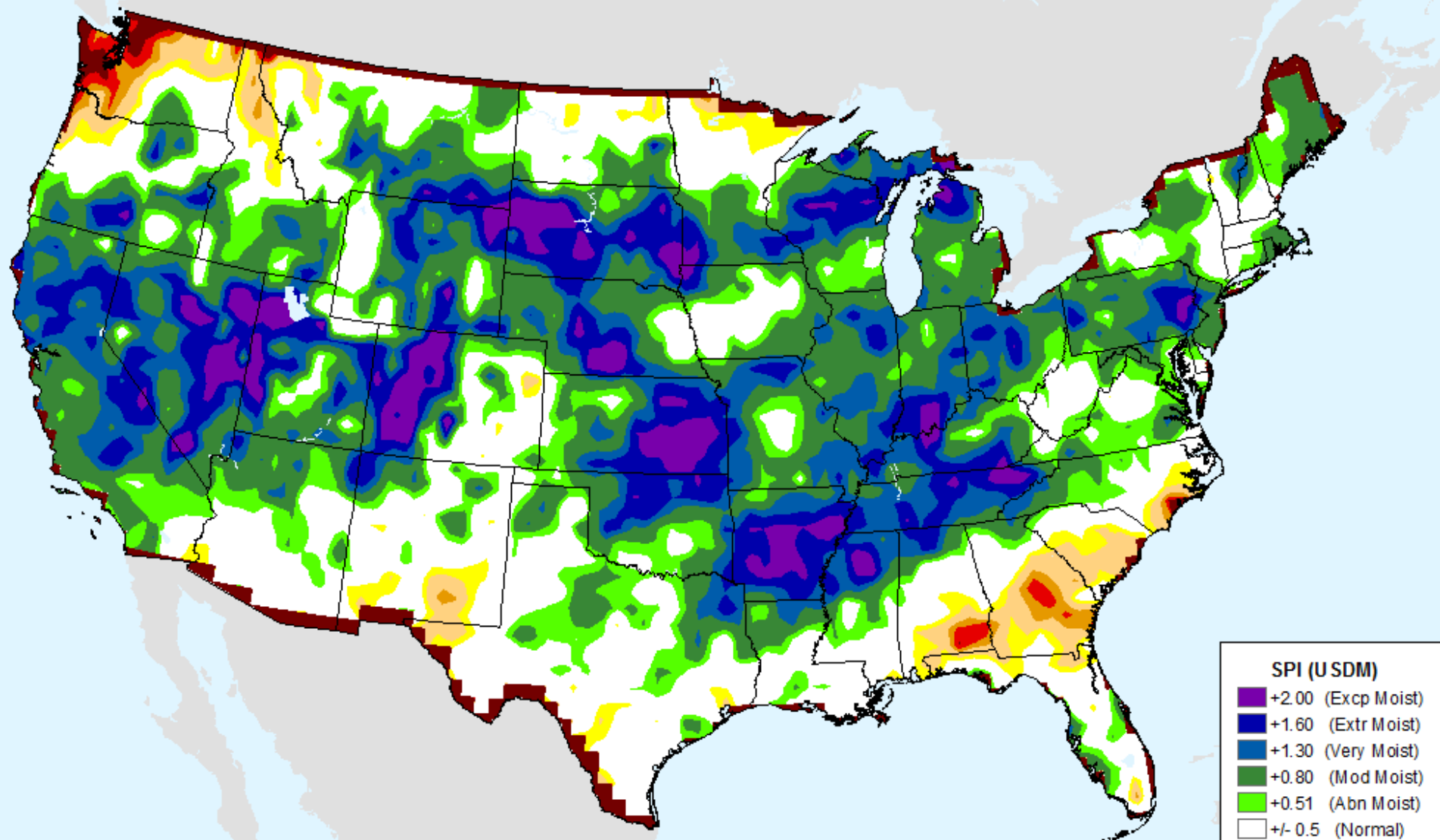


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red-Orange	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Jul. 9, 2019

# CPC 6-month SPI

As of: Tuesday, July 16, 2019

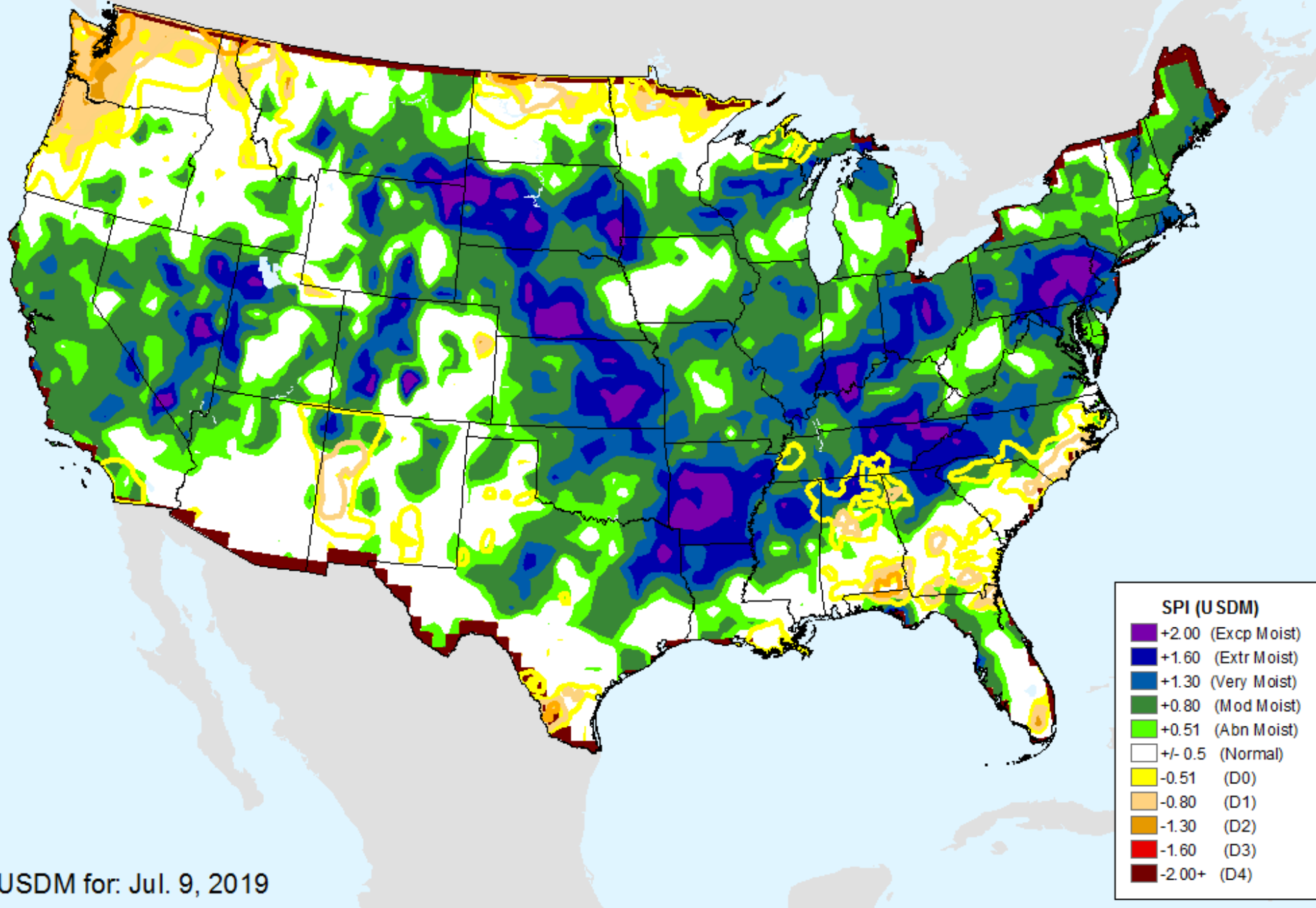


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)



# CPC 9-month SPI

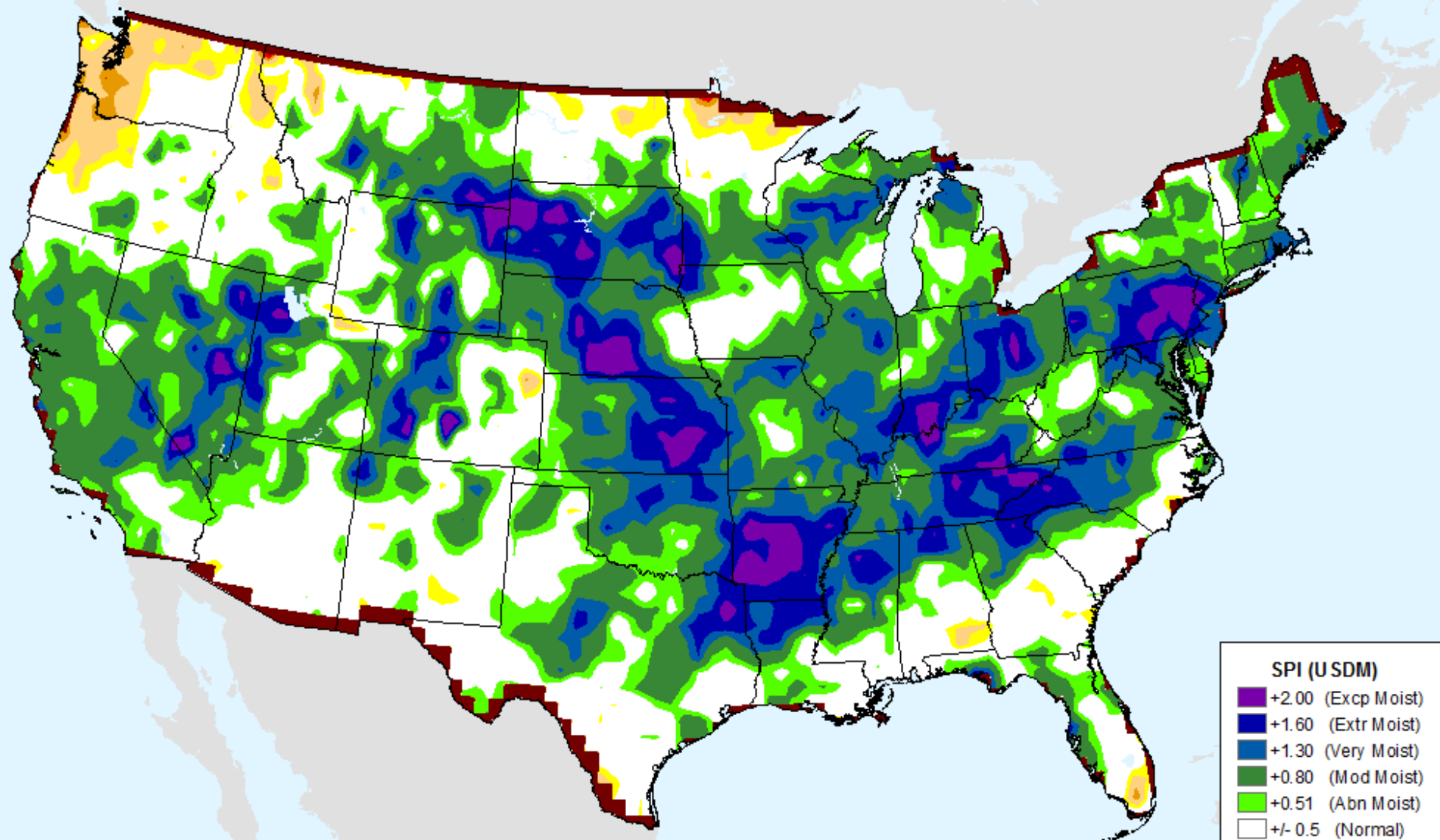
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# CPC 9-month SPI

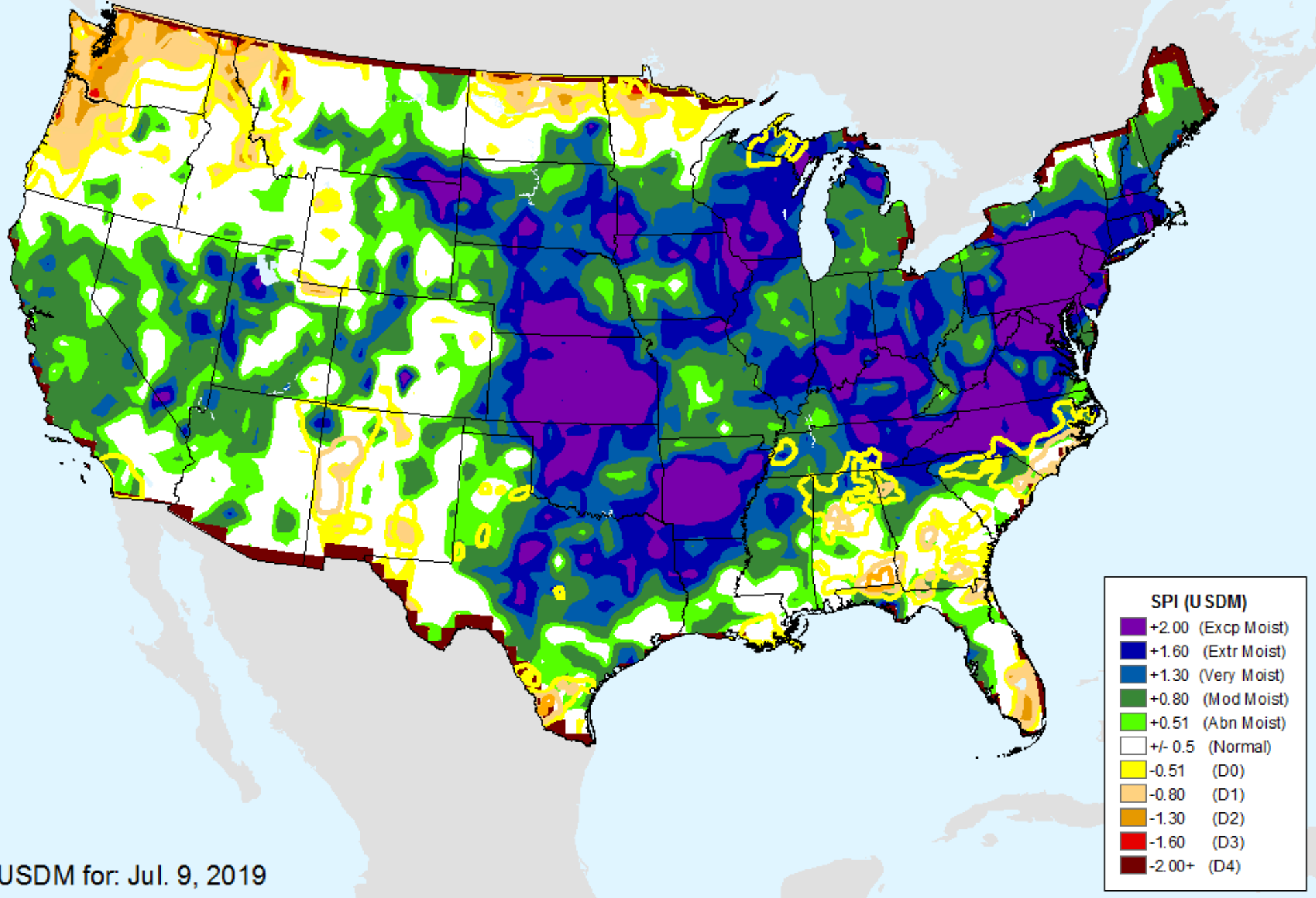
As of: Tuesday, July 16, 2019



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

# CPC 12-month SPI

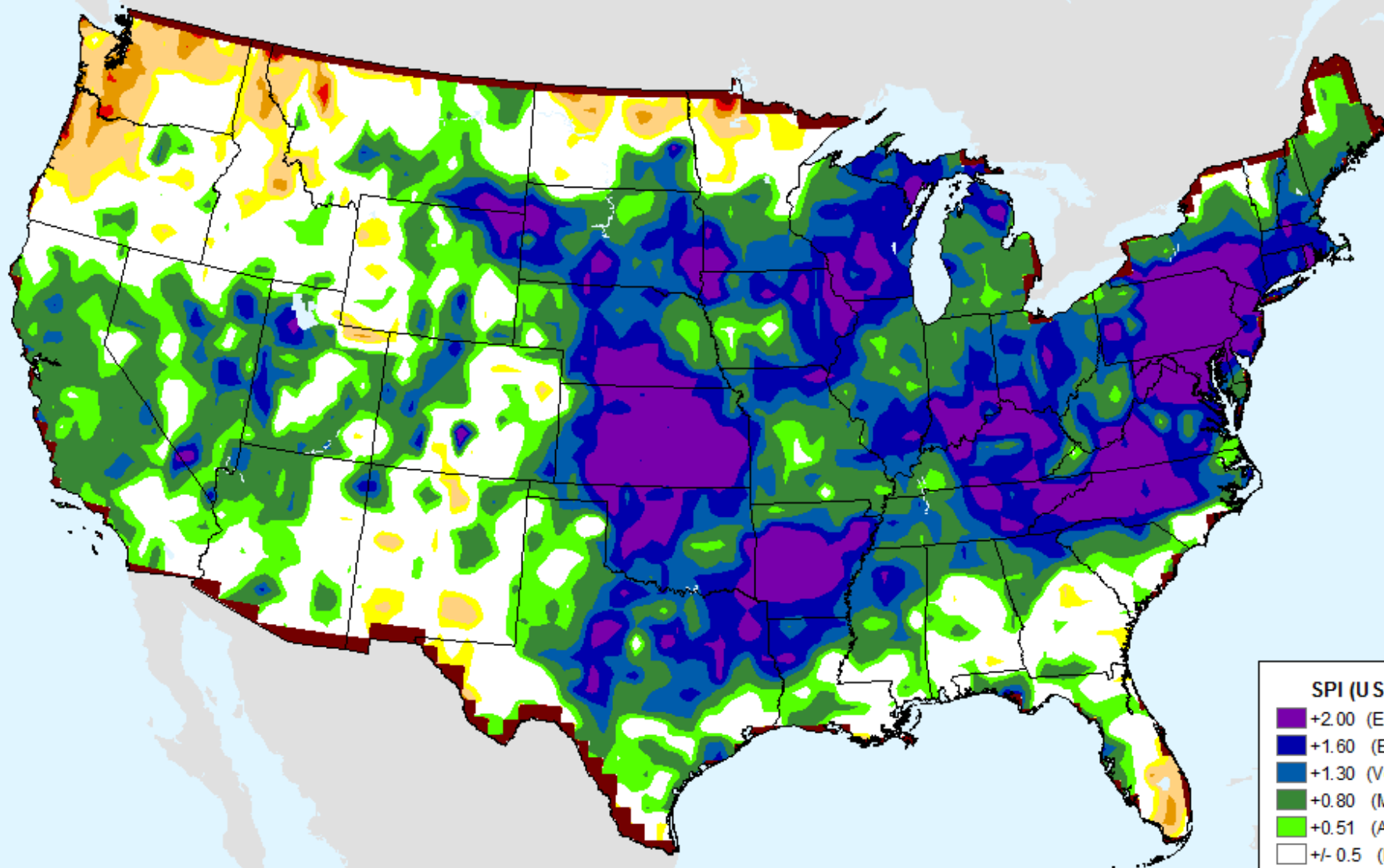
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# CPC 12-month SPI

As of: Tuesday, July 16, 2019

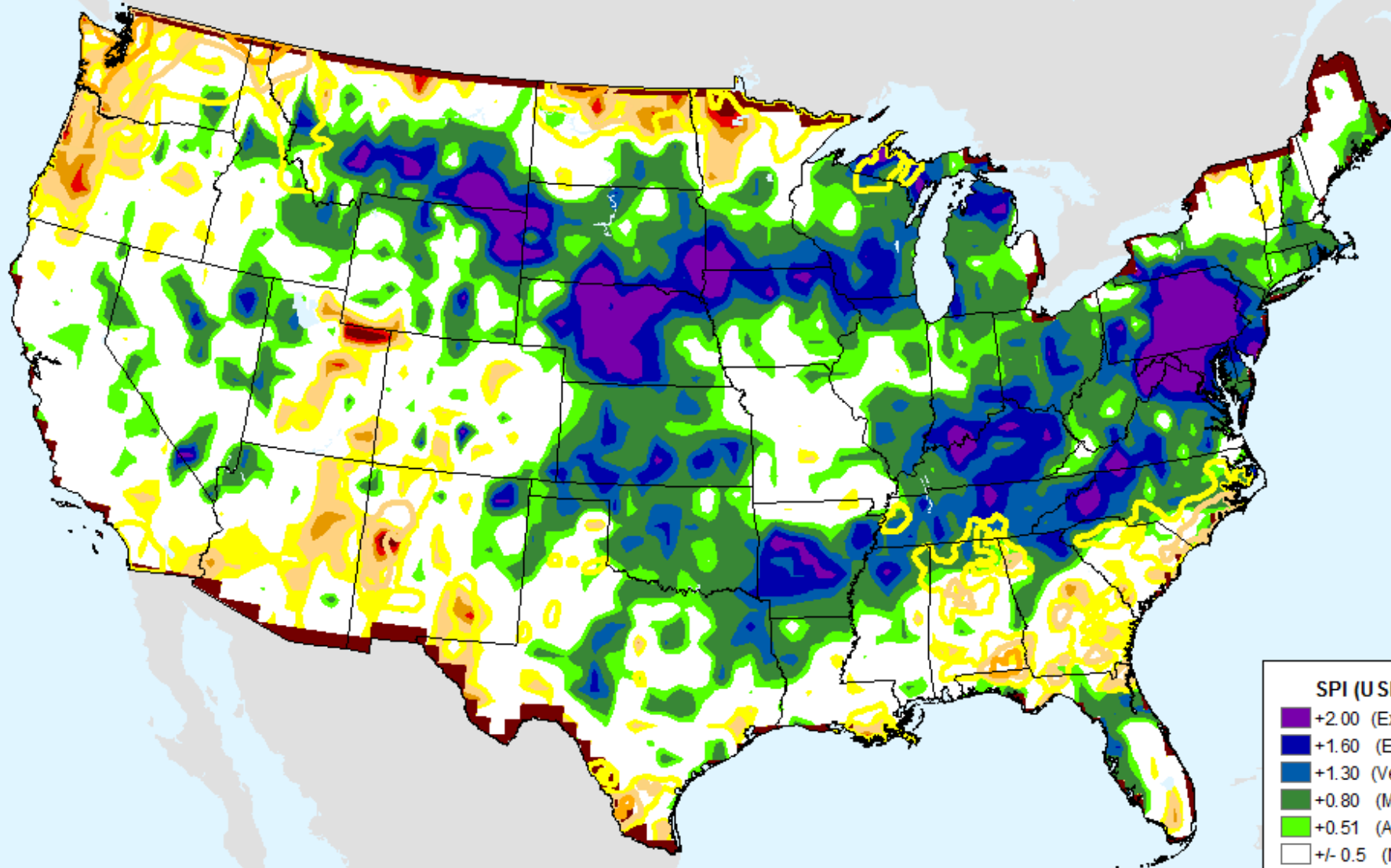


## SPI (USDM)

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

# CPC 24-month SPI

As of: Tuesday, July 16, 2019



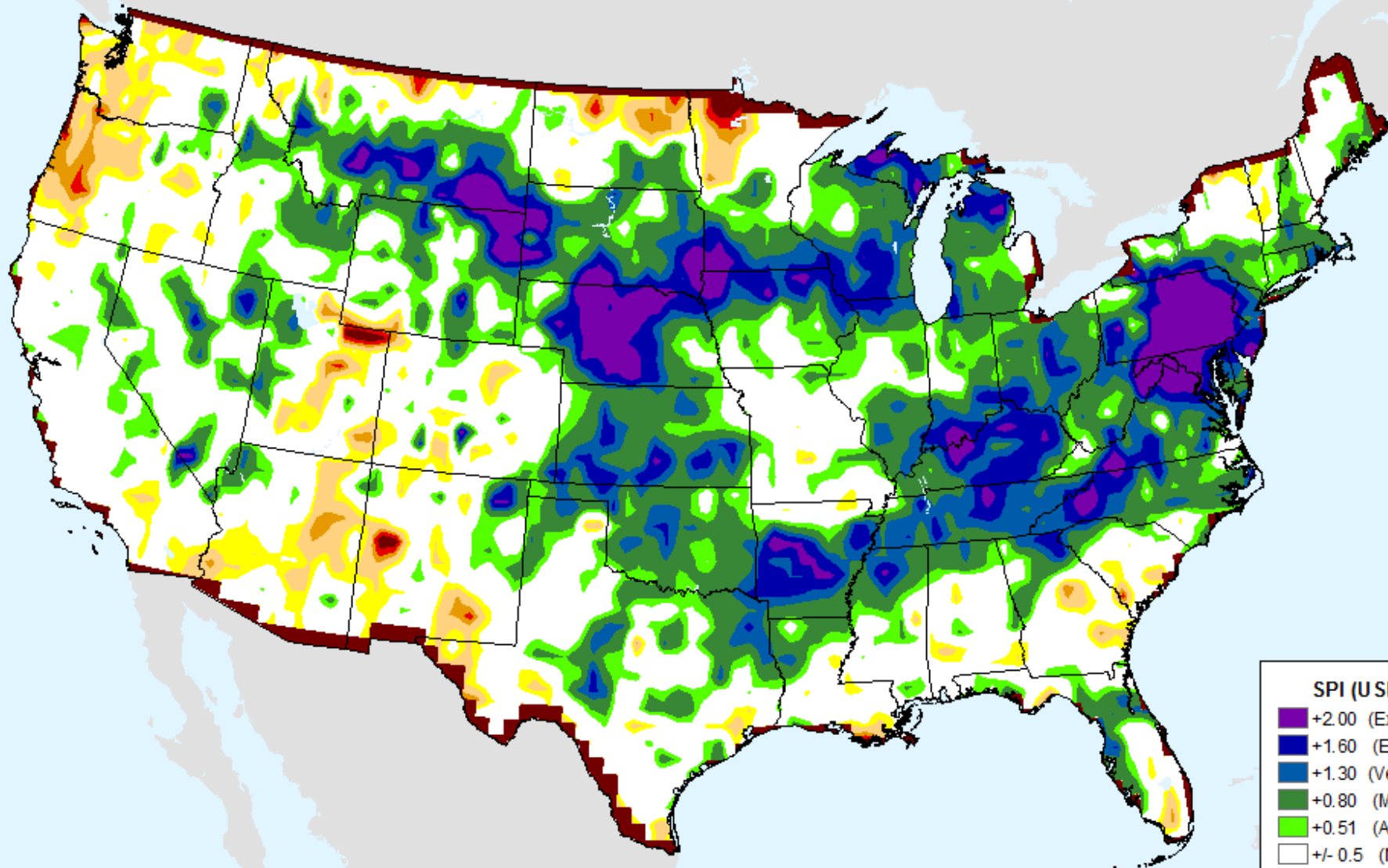
## SPI (USDM)

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

USDM for: Jul. 9, 2019

# CPC 24-month SPI

As of: Tuesday, July 16, 2019

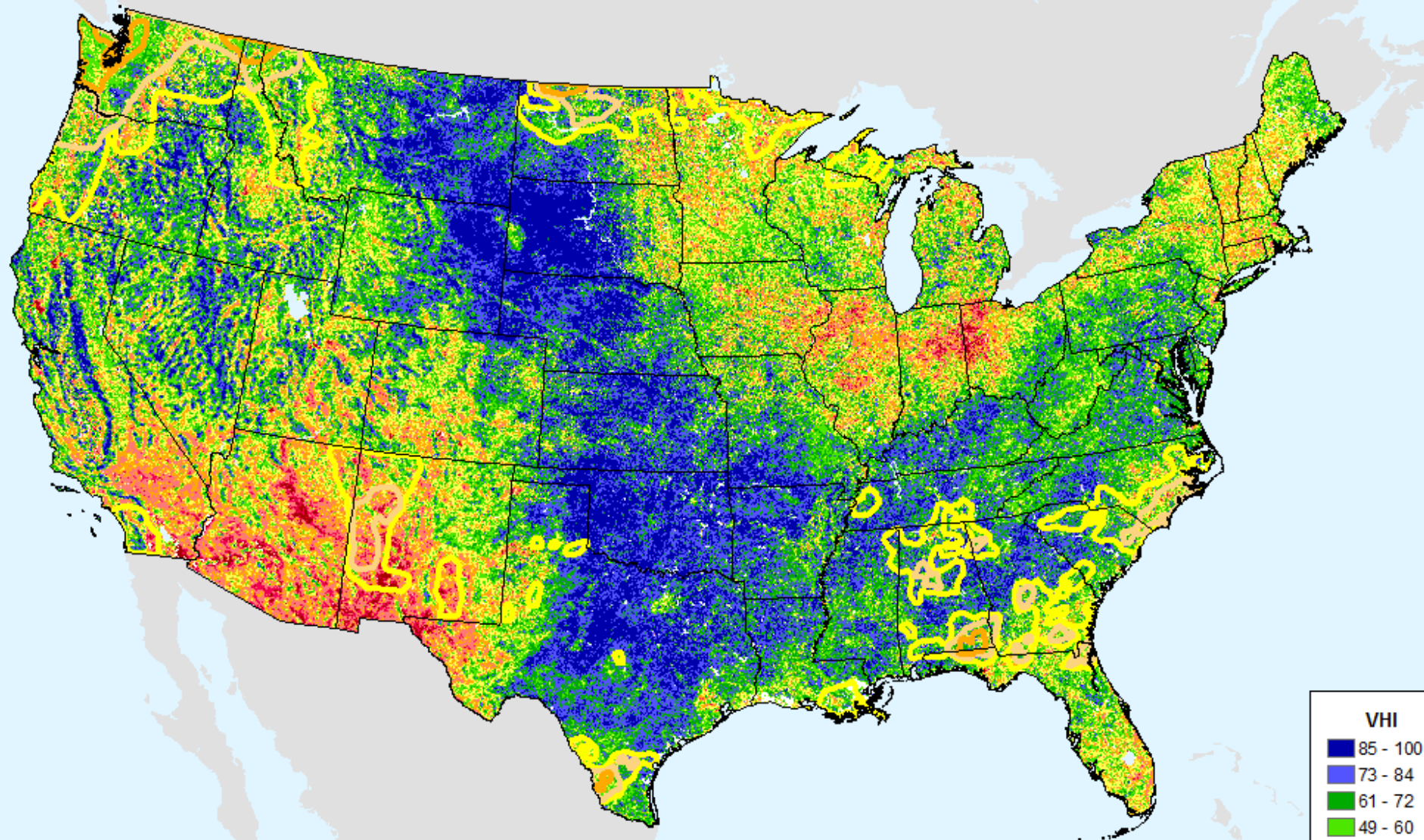


## SPI (USDM)

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

# Vegetation Health Index

As of: Tuesday, July 16, 2019

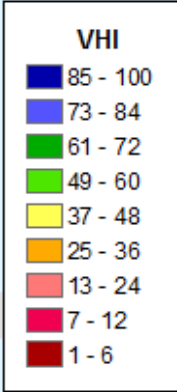
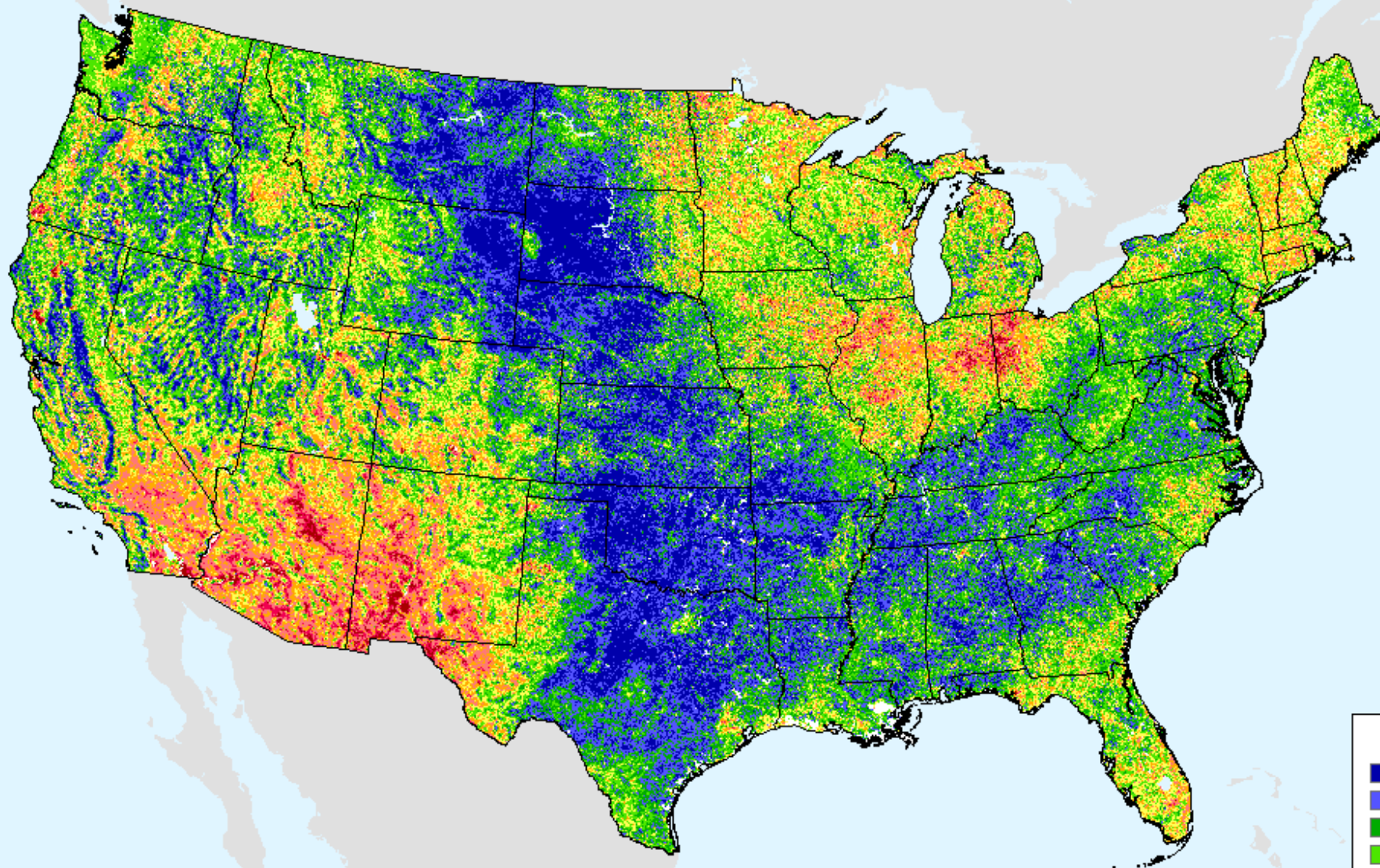


USDM for: Jul. 9, 2019

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

# Vegetation Health Index

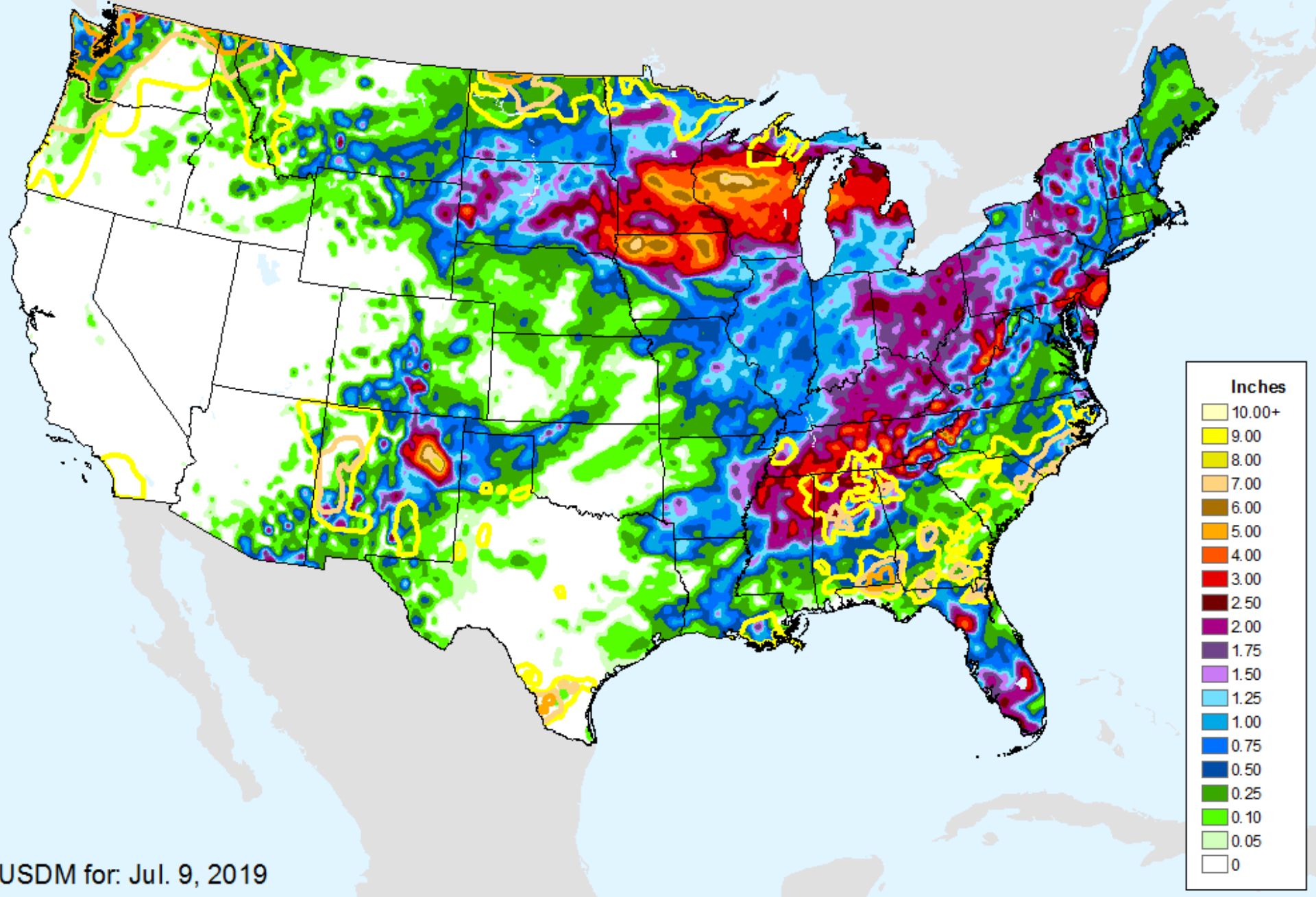
As of: Tuesday, July 16, 2019





# GFS (00z) 7-Day Precip Forecast

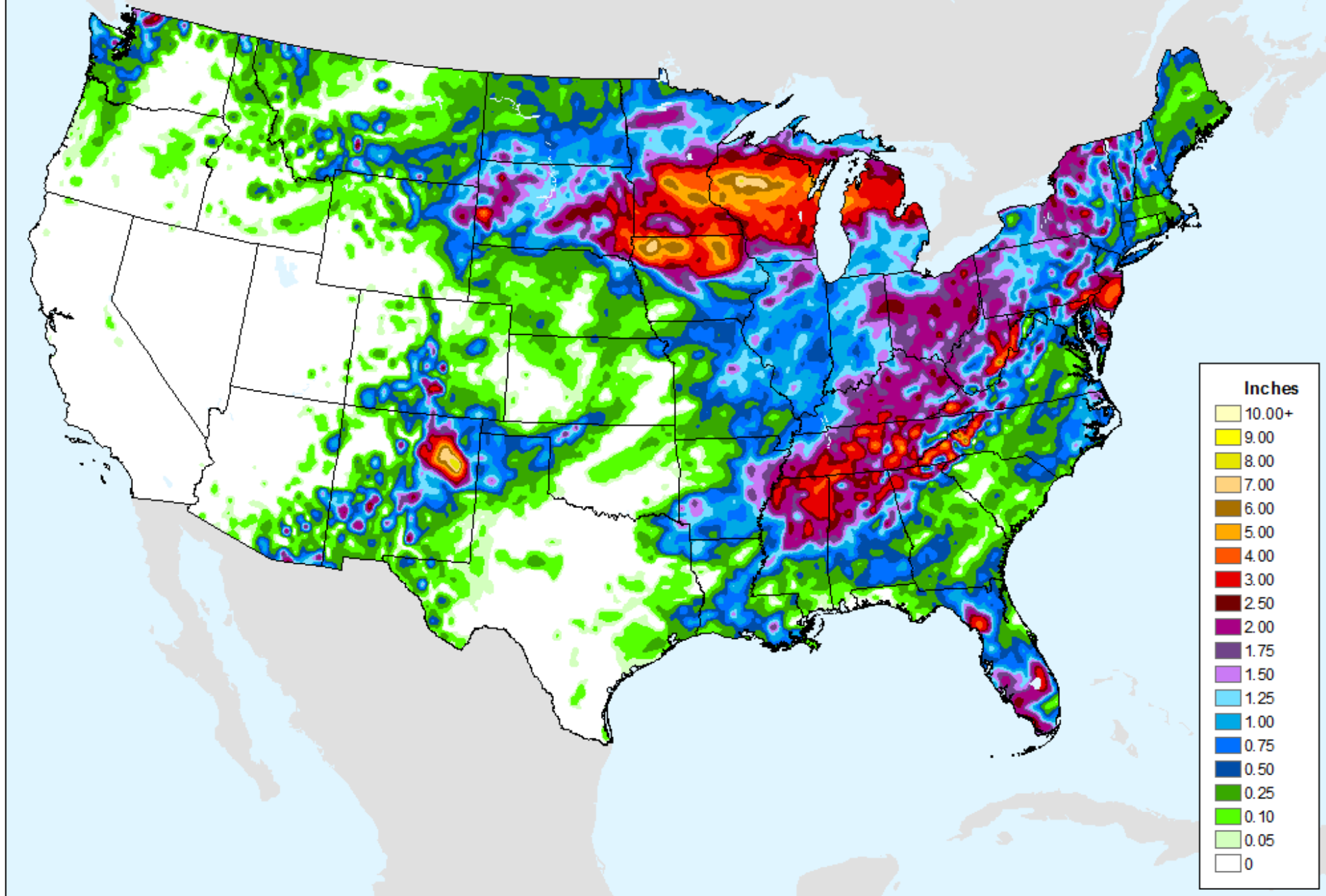
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

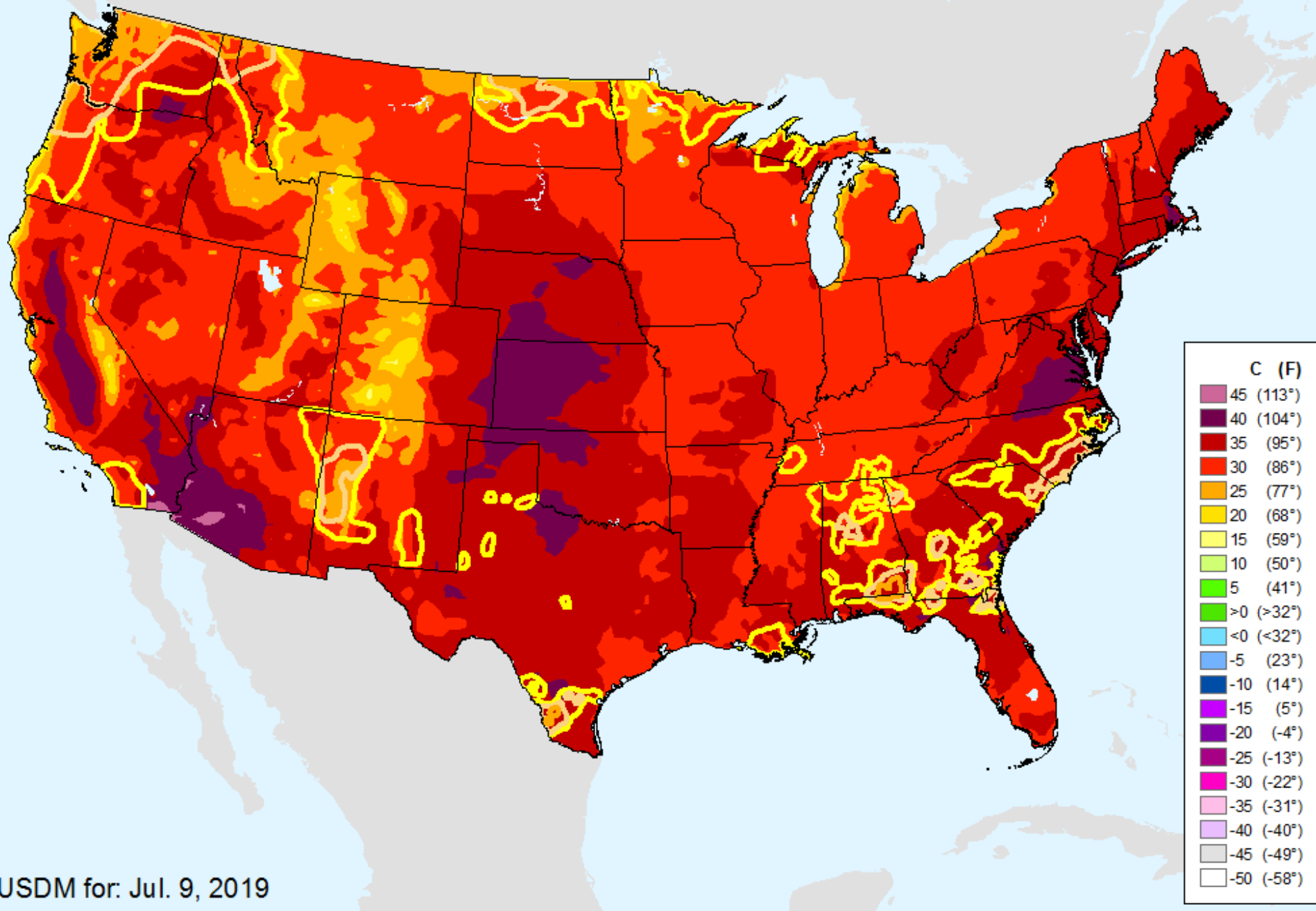
# GFS (00z) 7-Day Precip Forecast

As of: Tuesday, July 16, 2019



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

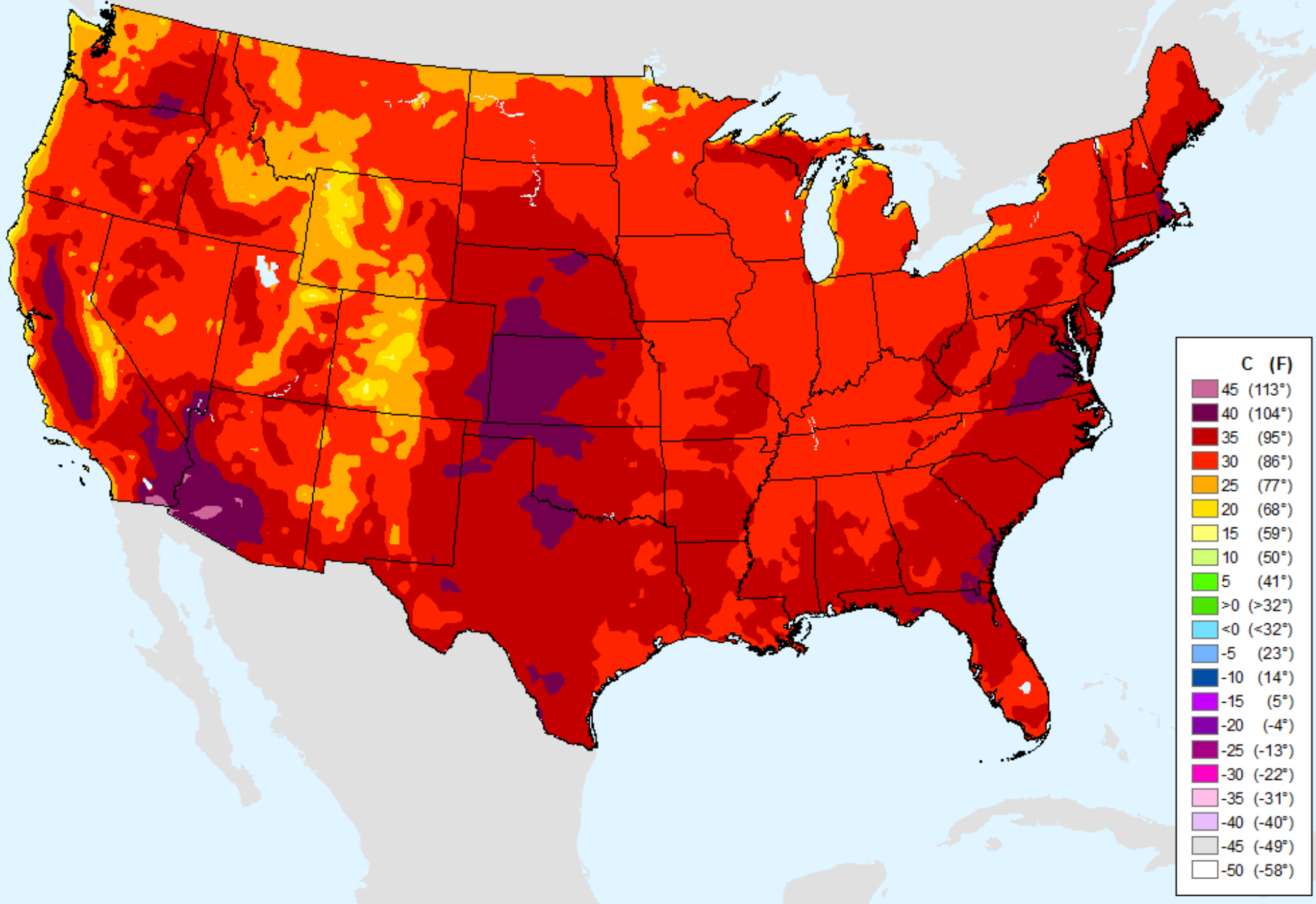
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

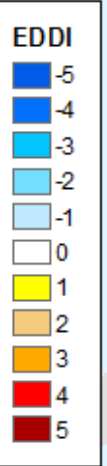
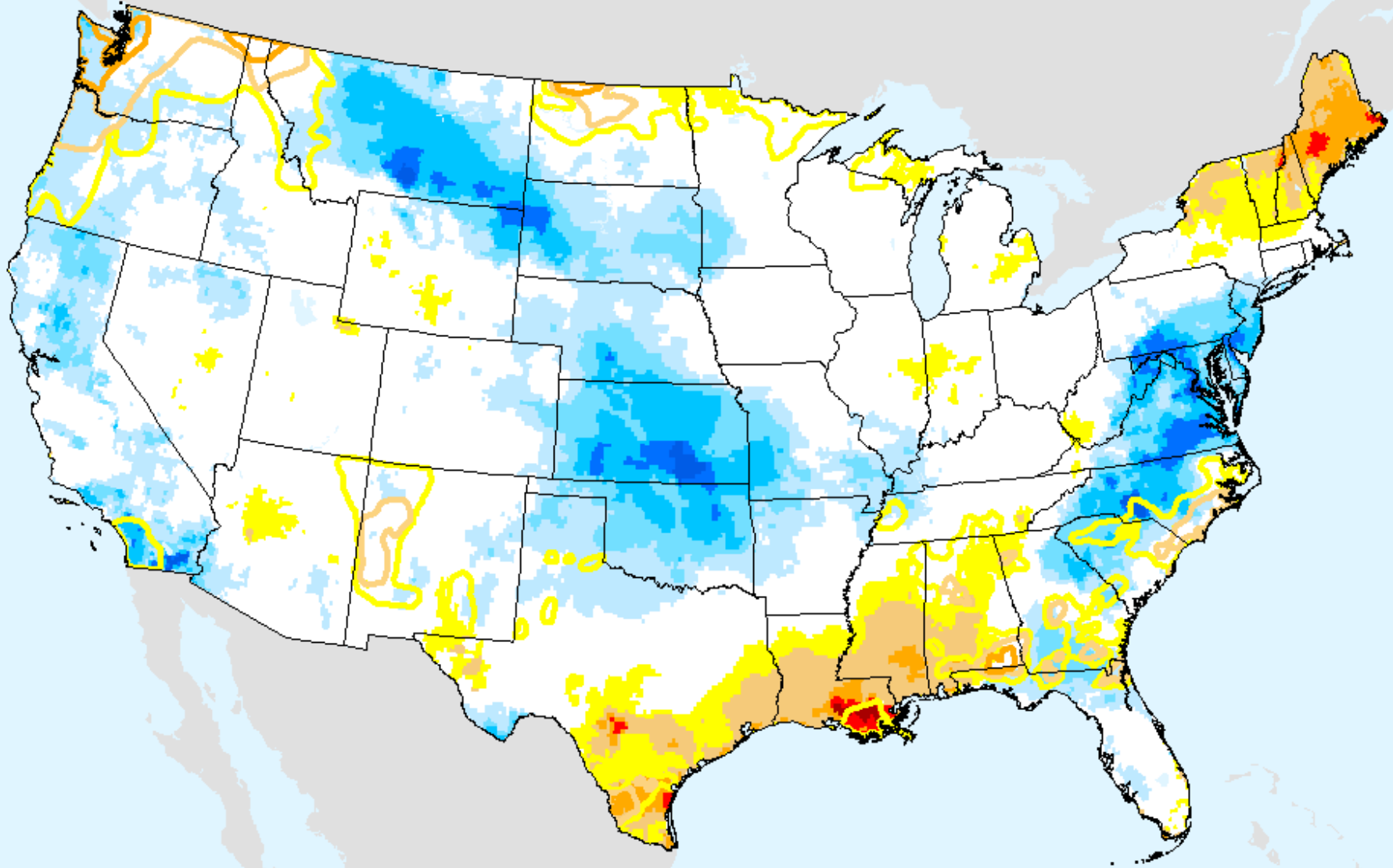
# GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, July 16, 2019



# EDDI 1-week

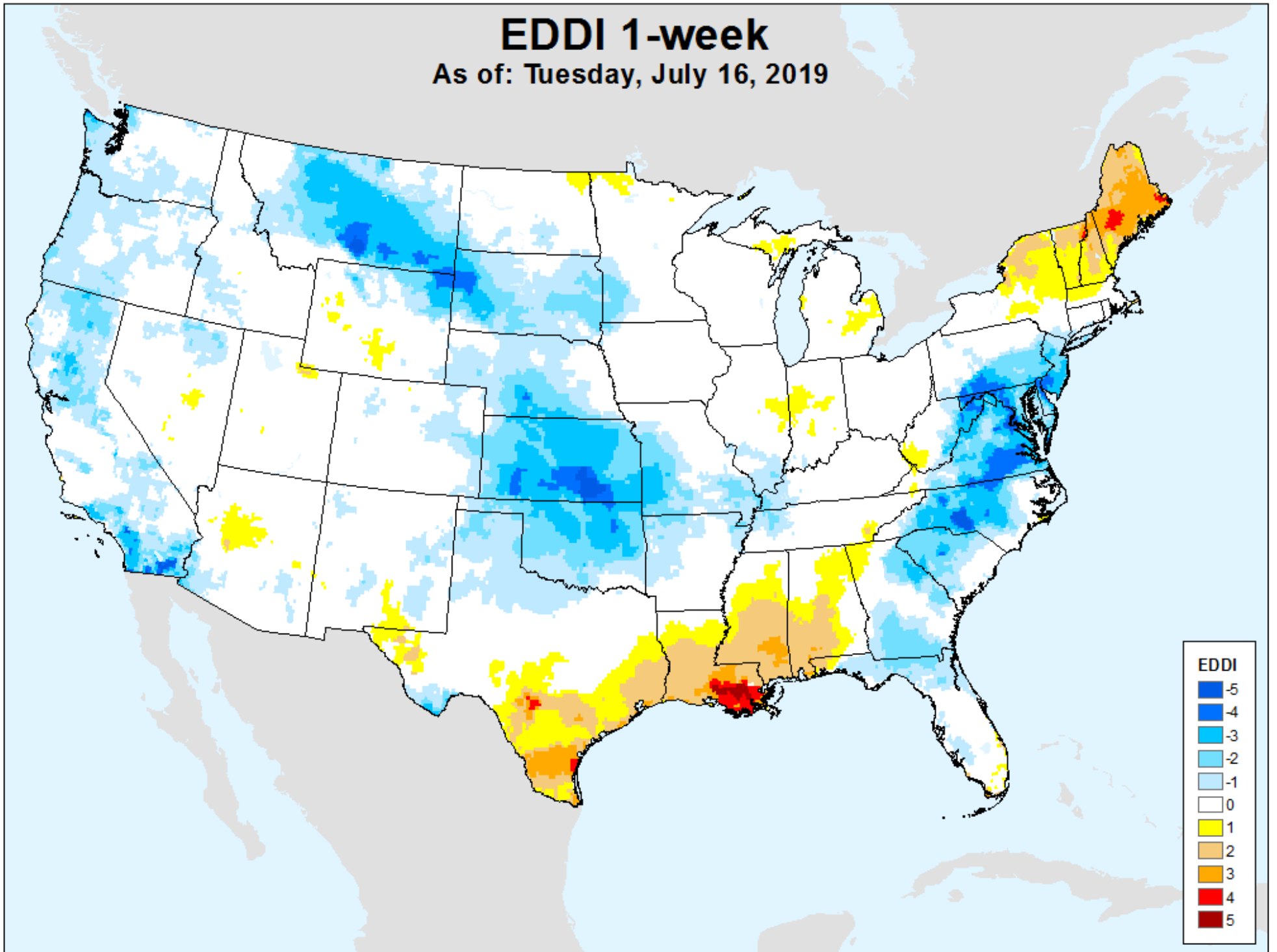
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

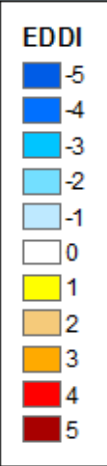
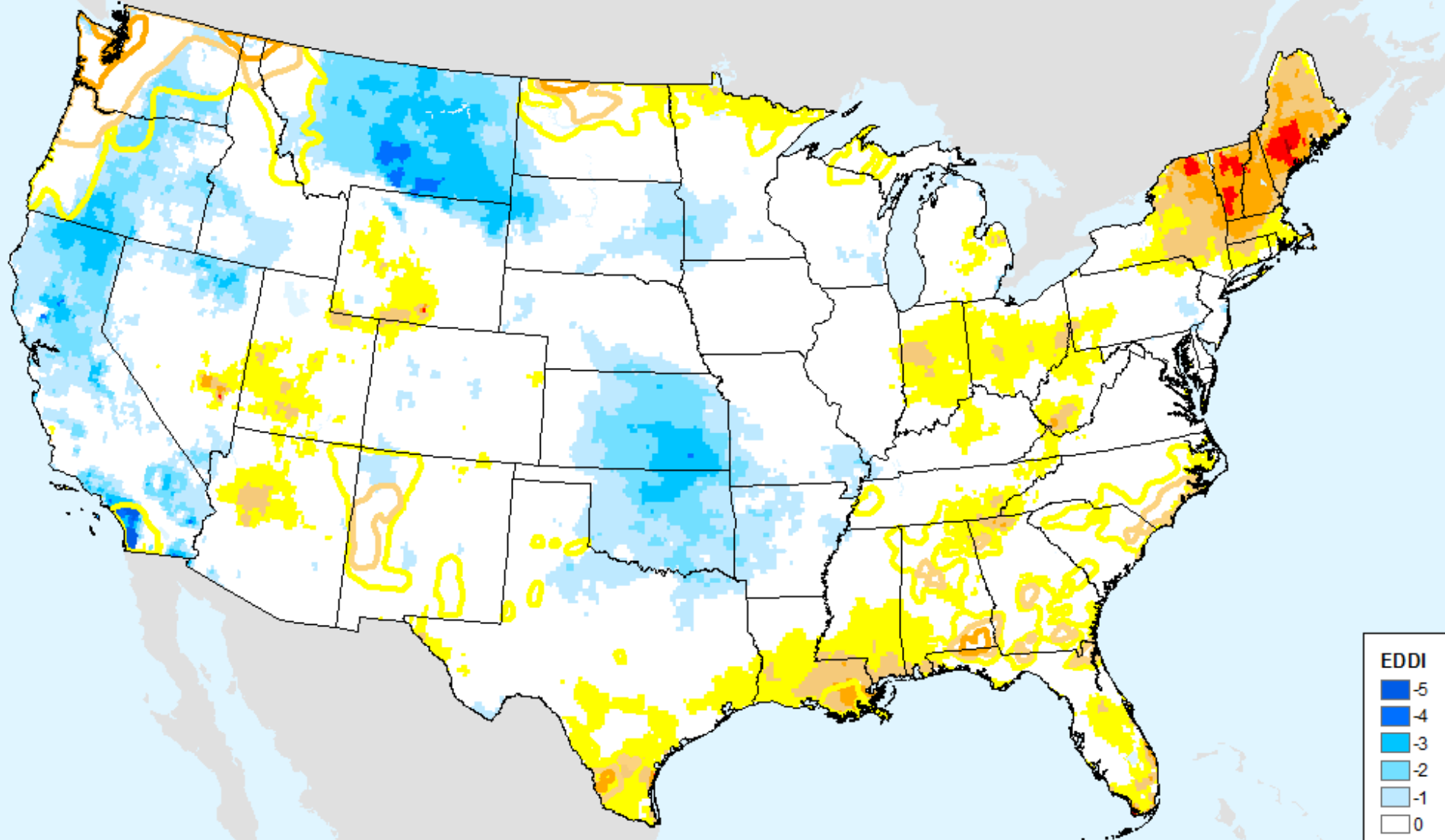
# EDDI 1-week

As of: Tuesday, July 16, 2019



# EDDI 2-week

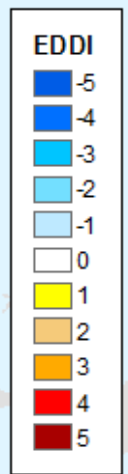
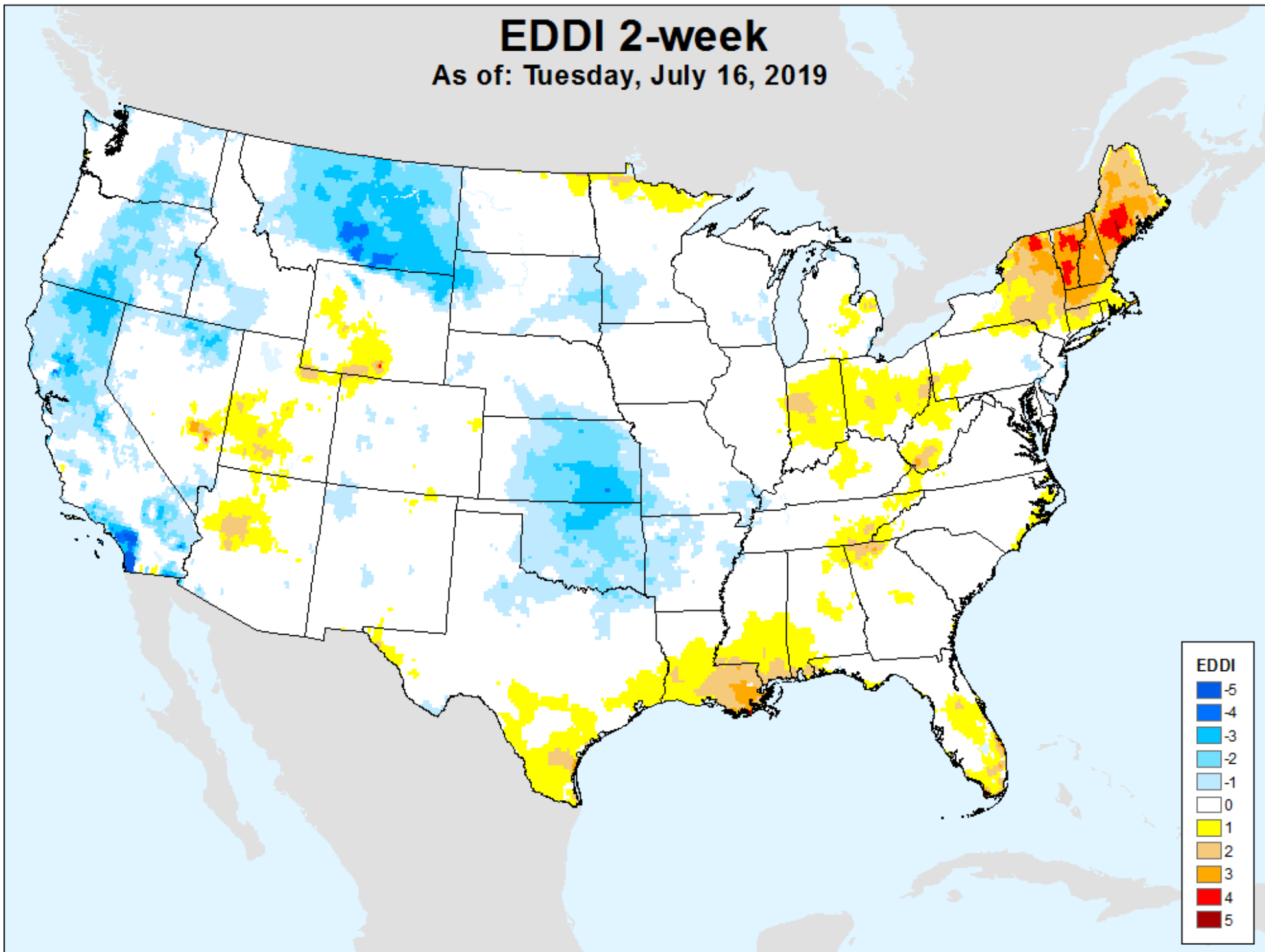
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# EDDI 2-week

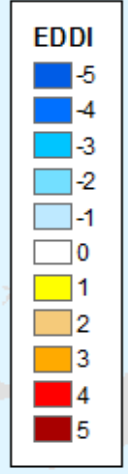
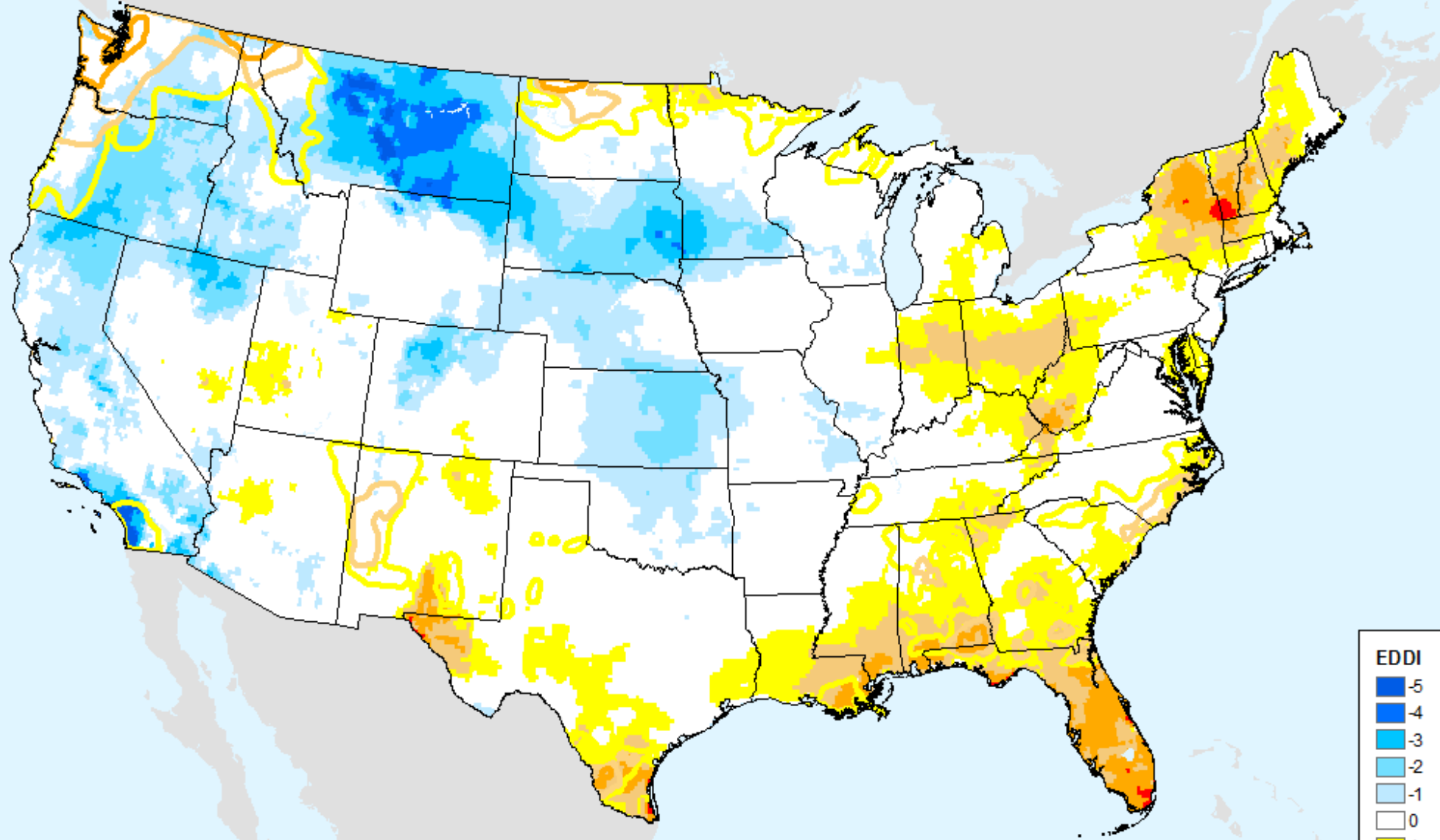
As of: Tuesday, July 16, 2019





# EDDI 3-week

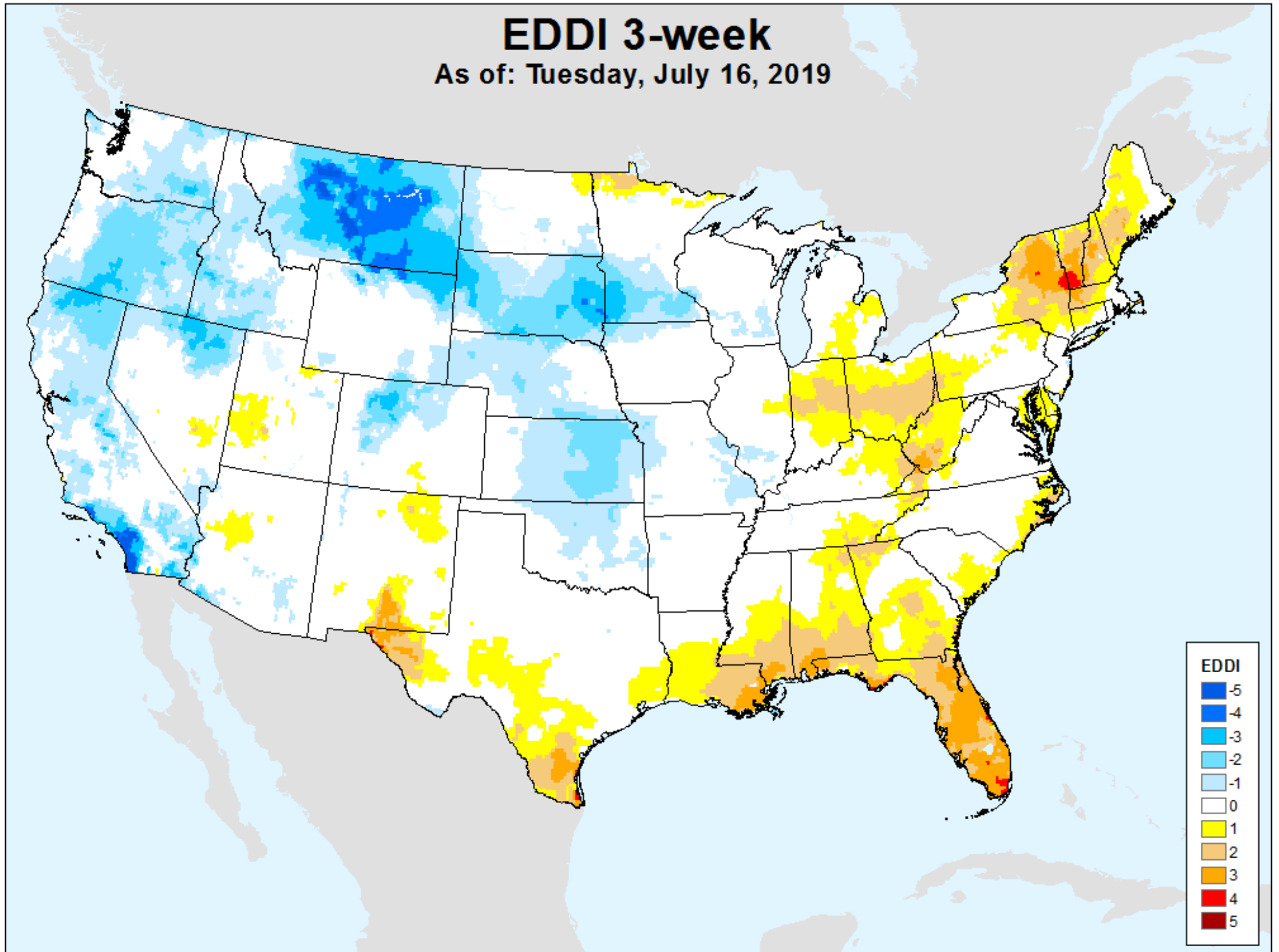
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

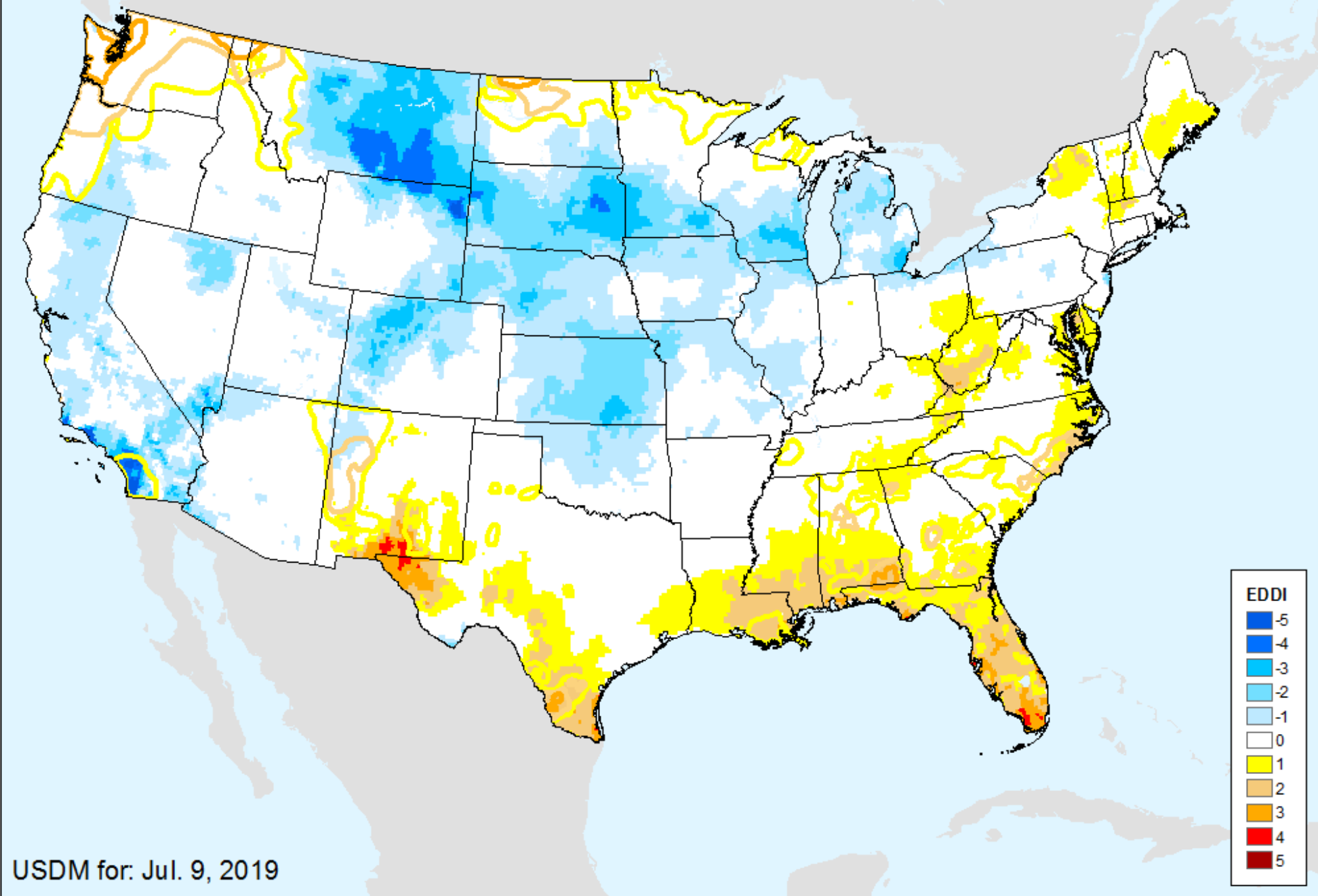
# EDDI 3-week

As of: Tuesday, July 16, 2019



# EDDI 4-week

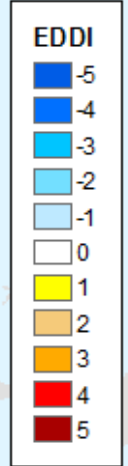
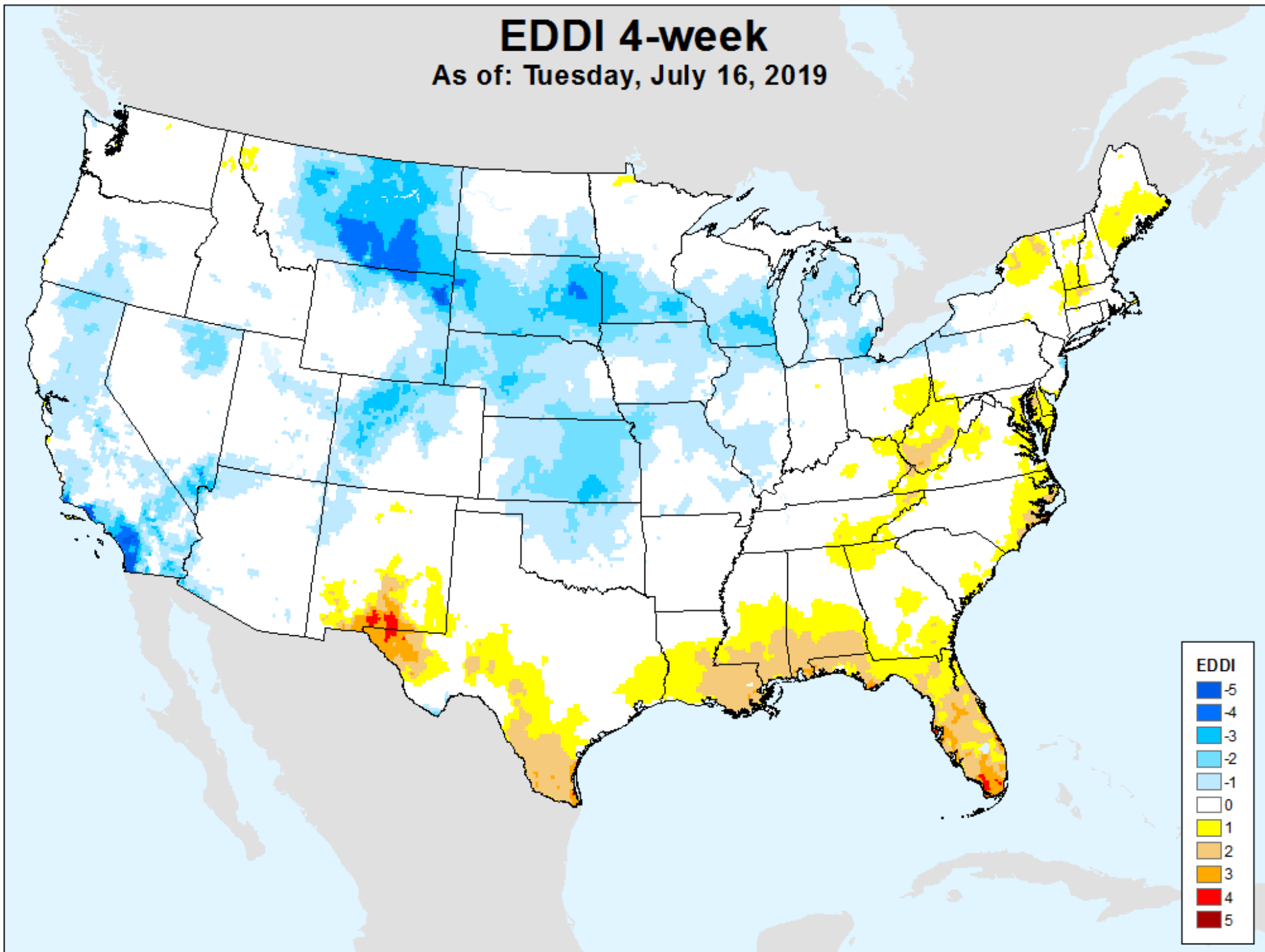
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

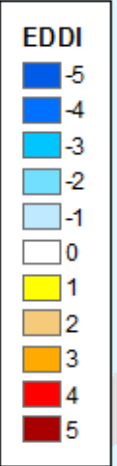
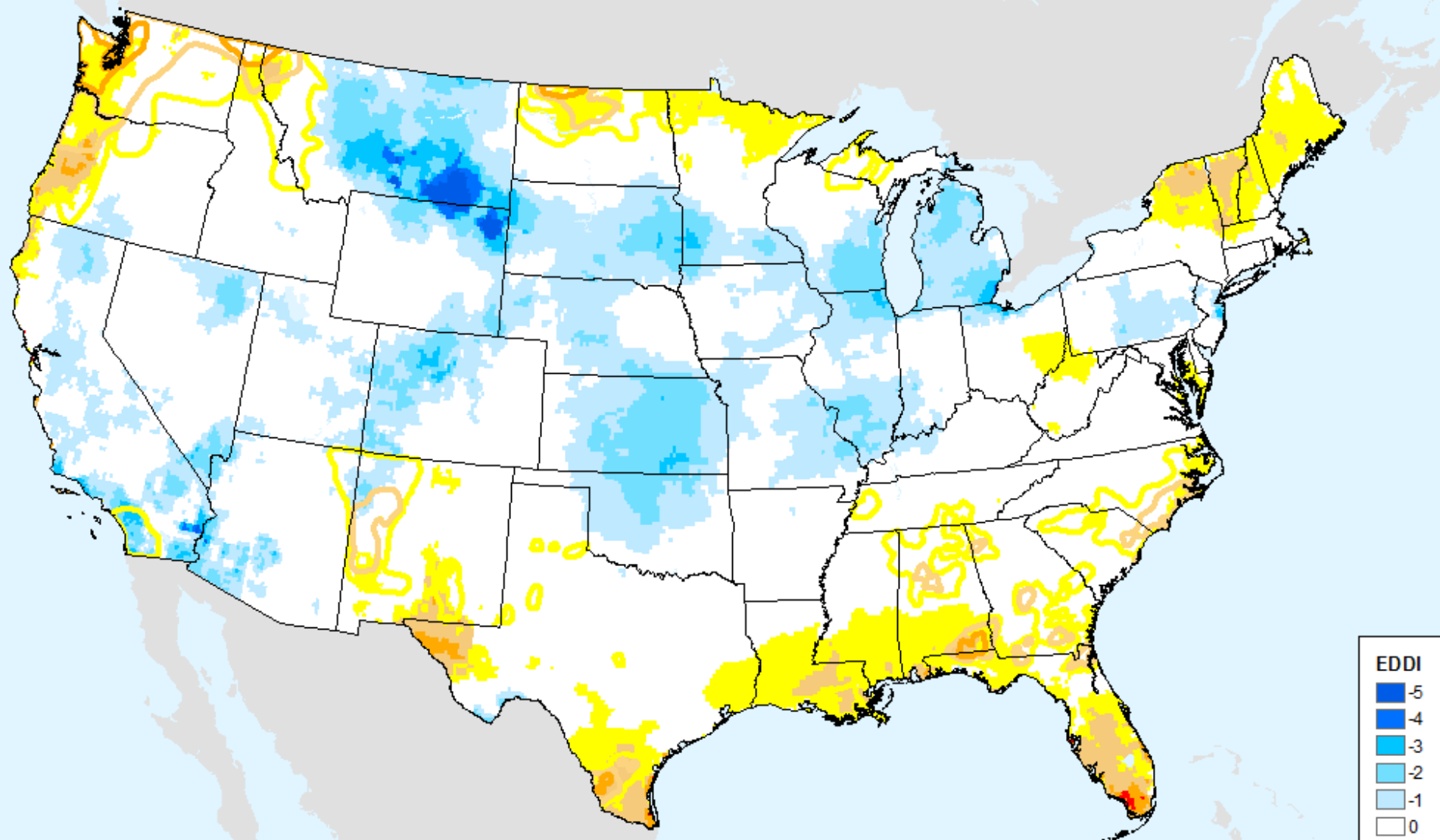
# EDDI 4-week

As of: Tuesday, July 16, 2019



# EDDI 5-week

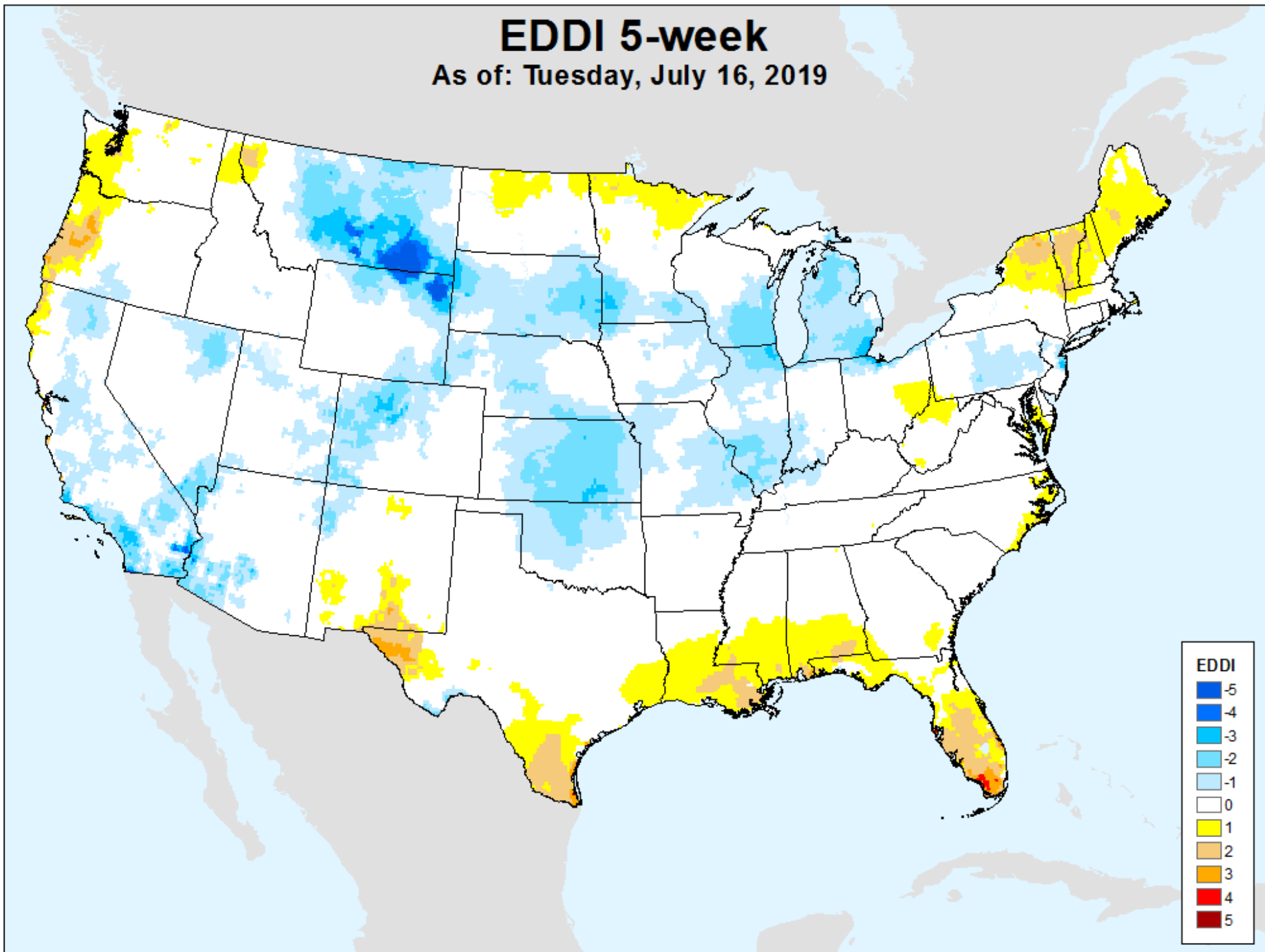
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

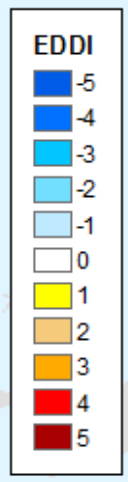
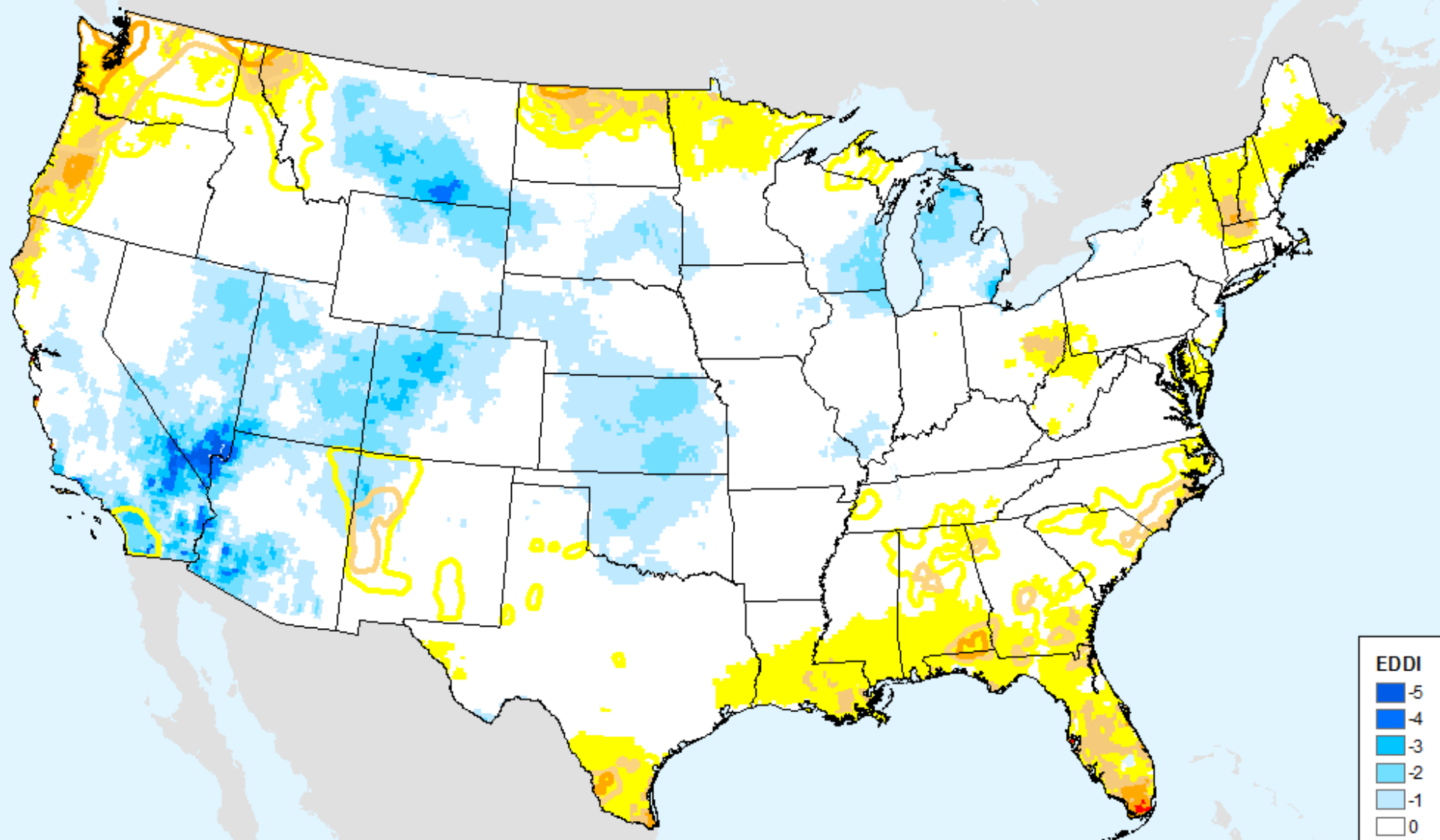
# EDDI 5-week

As of: Tuesday, July 16, 2019



# EDDI 6-week

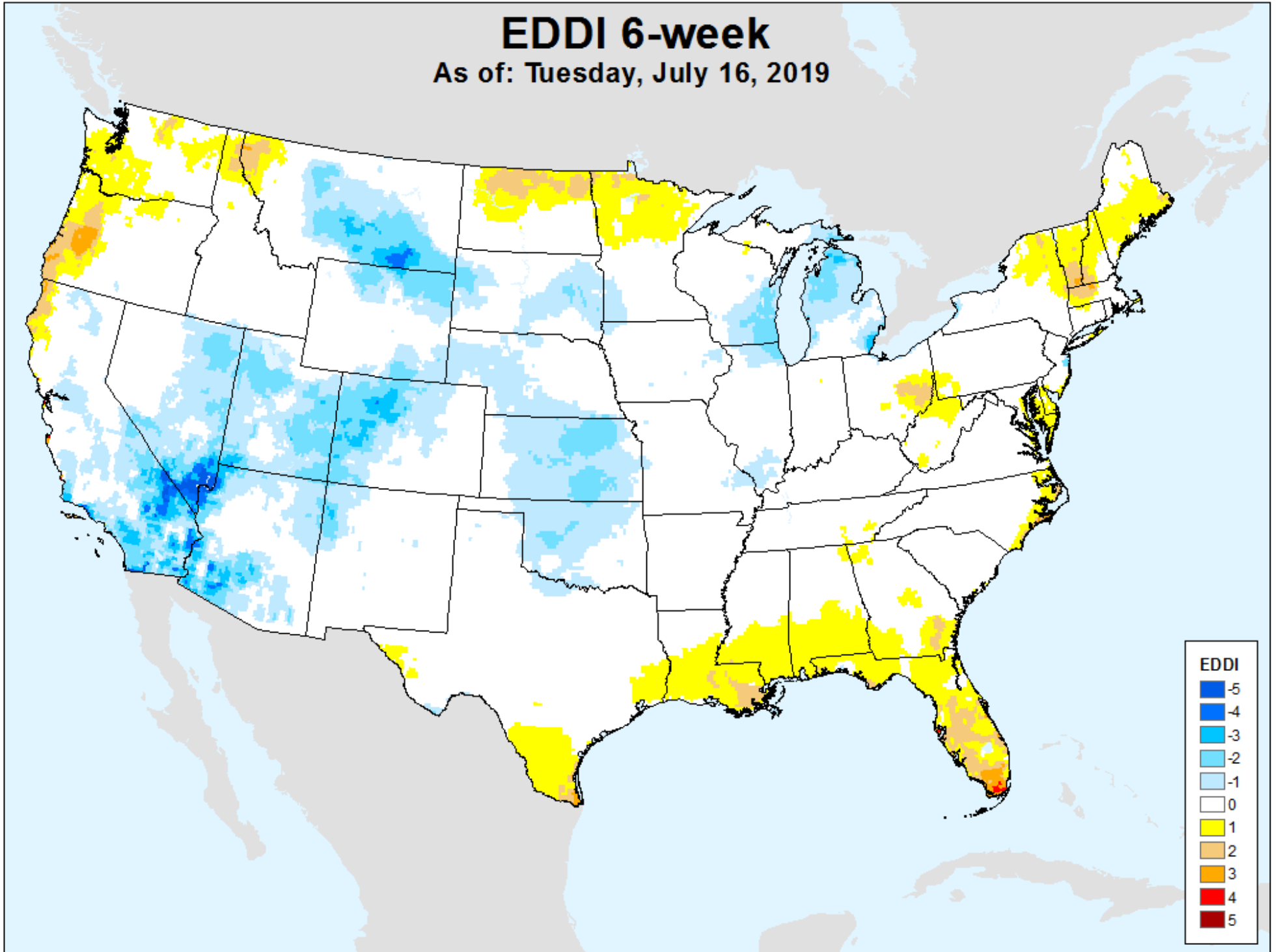
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# EDDI 6-week

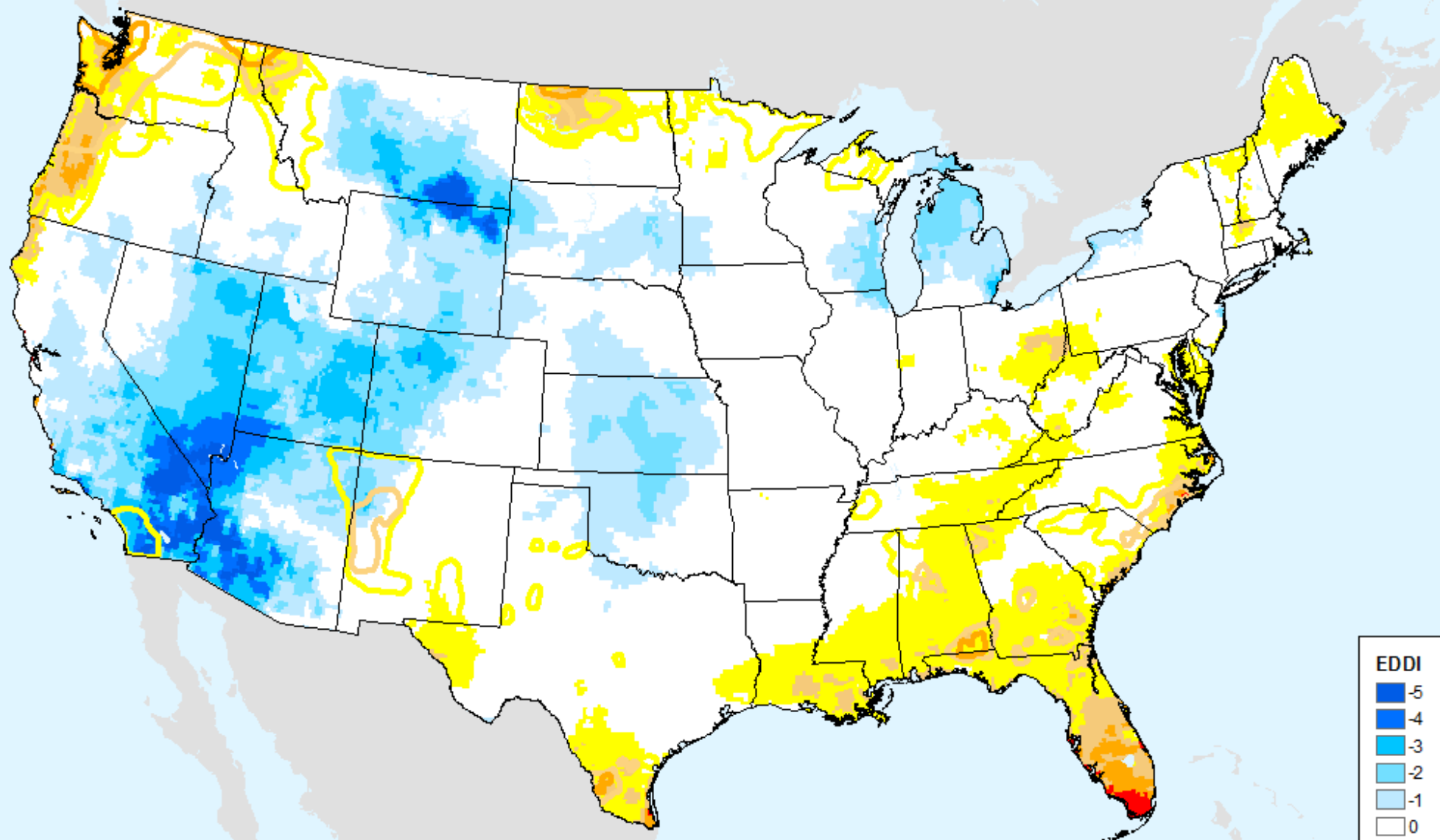
As of: Tuesday, July 16, 2019





# EDDI 7-week

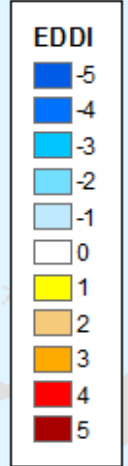
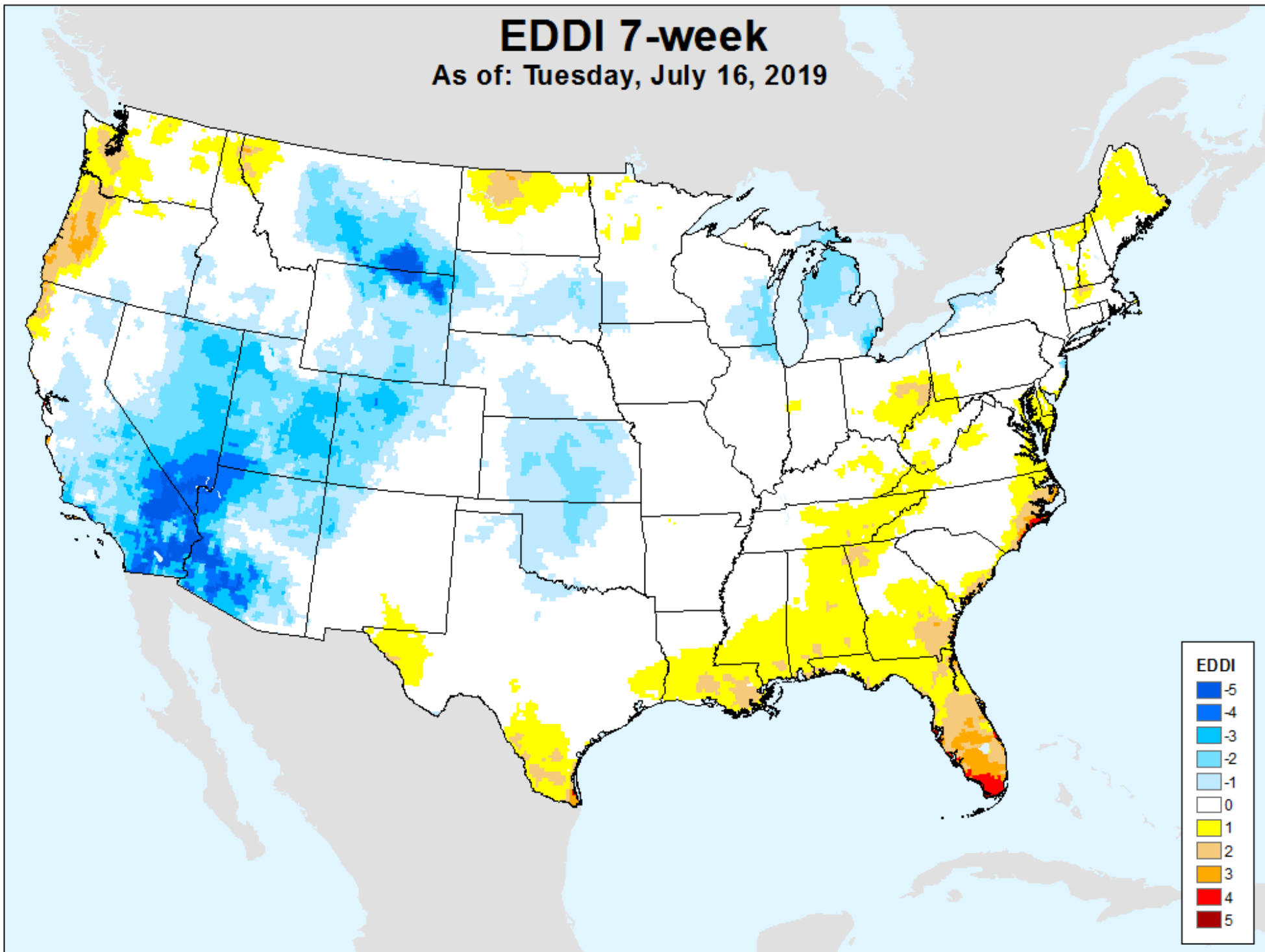
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

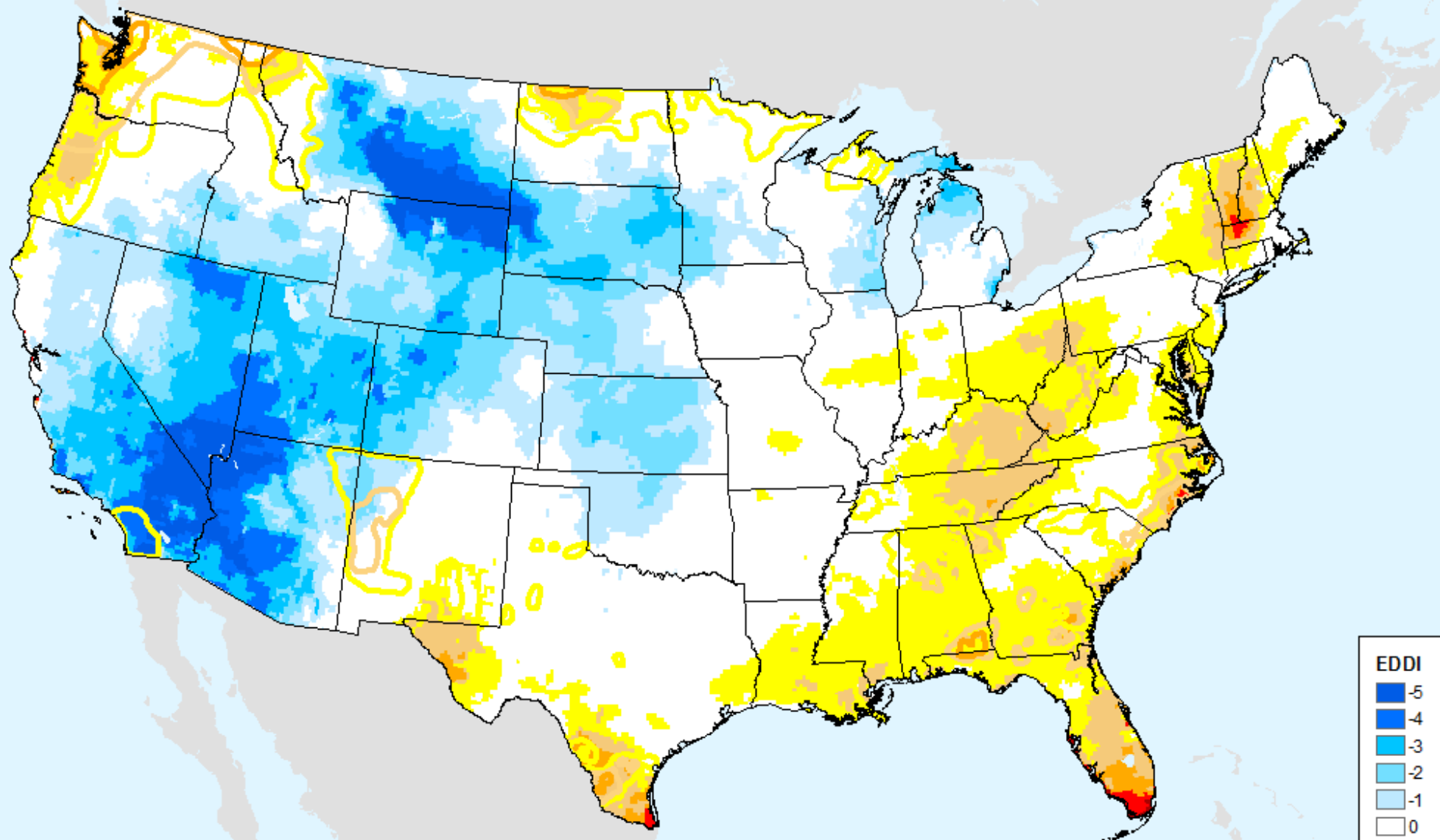
# EDDI 7-week

As of: Tuesday, July 16, 2019



# EDDI 8-week

As of: Tuesday, July 16, 2019

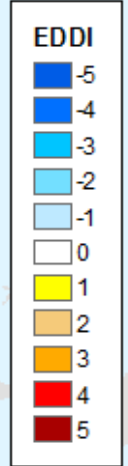
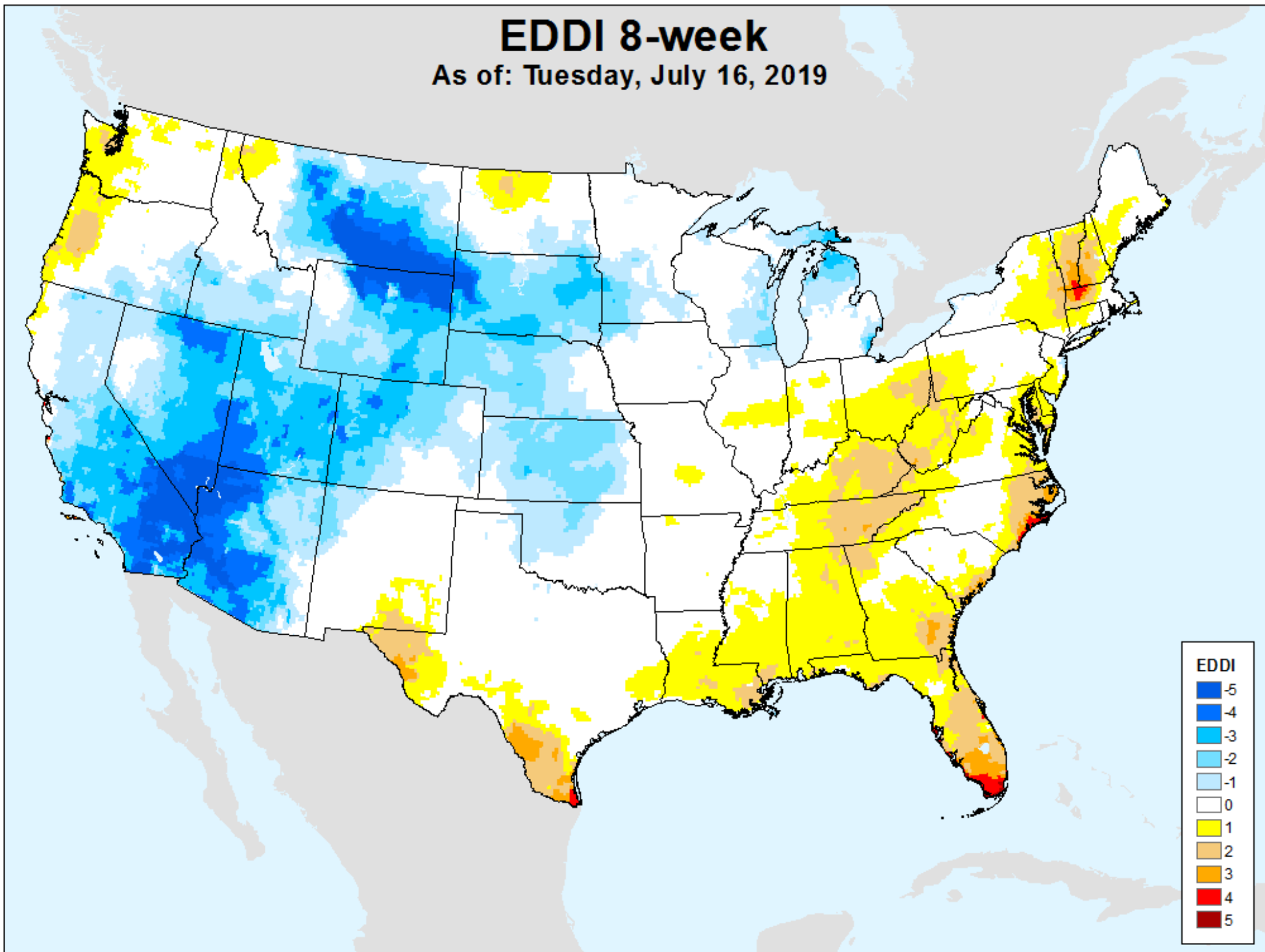


EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Light Orange	2
Orange	3
Red	4
Dark Red	5

USDM for: Jul. 9, 2019

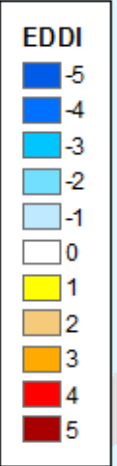
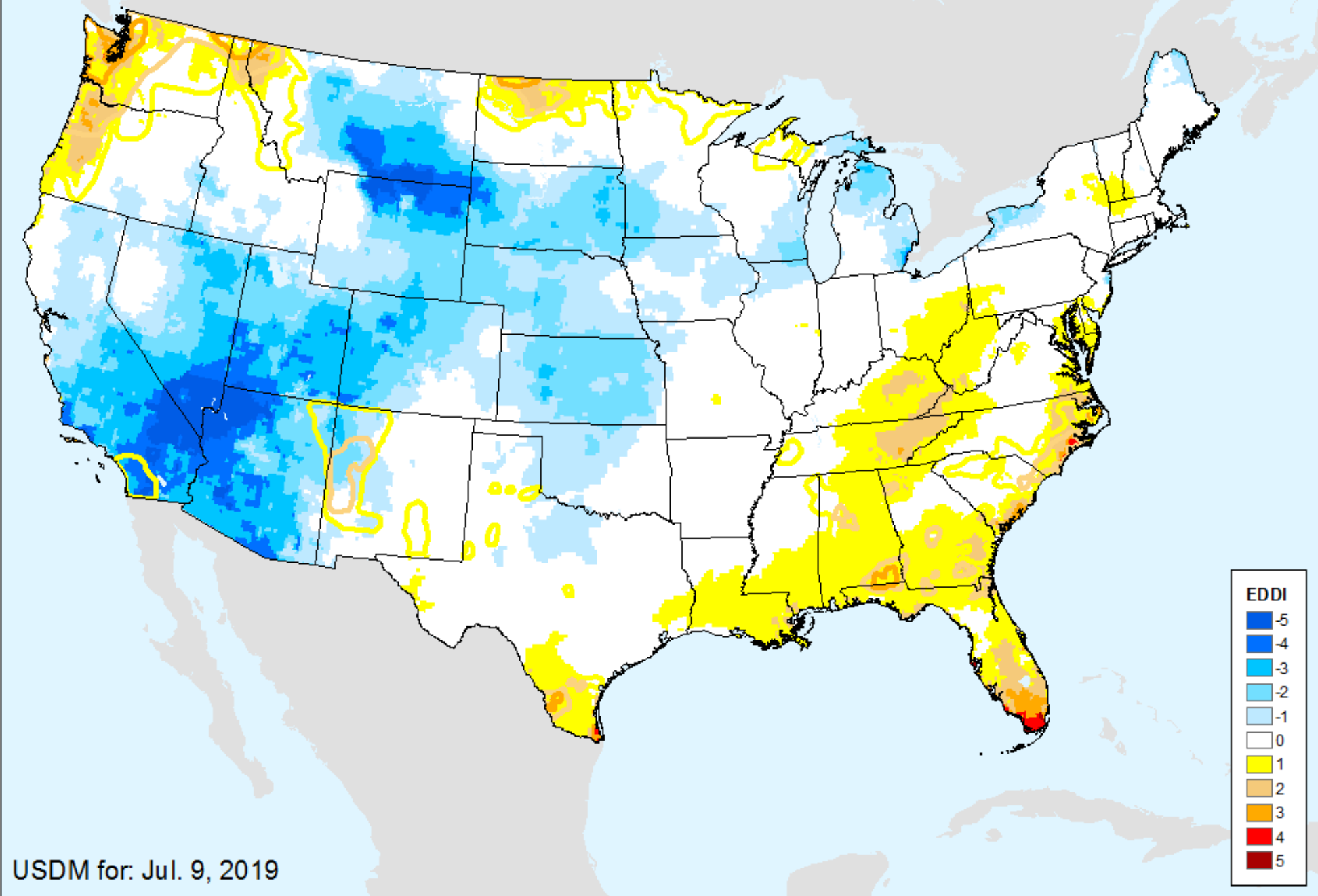
# EDDI 8-week

As of: Tuesday, July 16, 2019



# EDDI 9-week

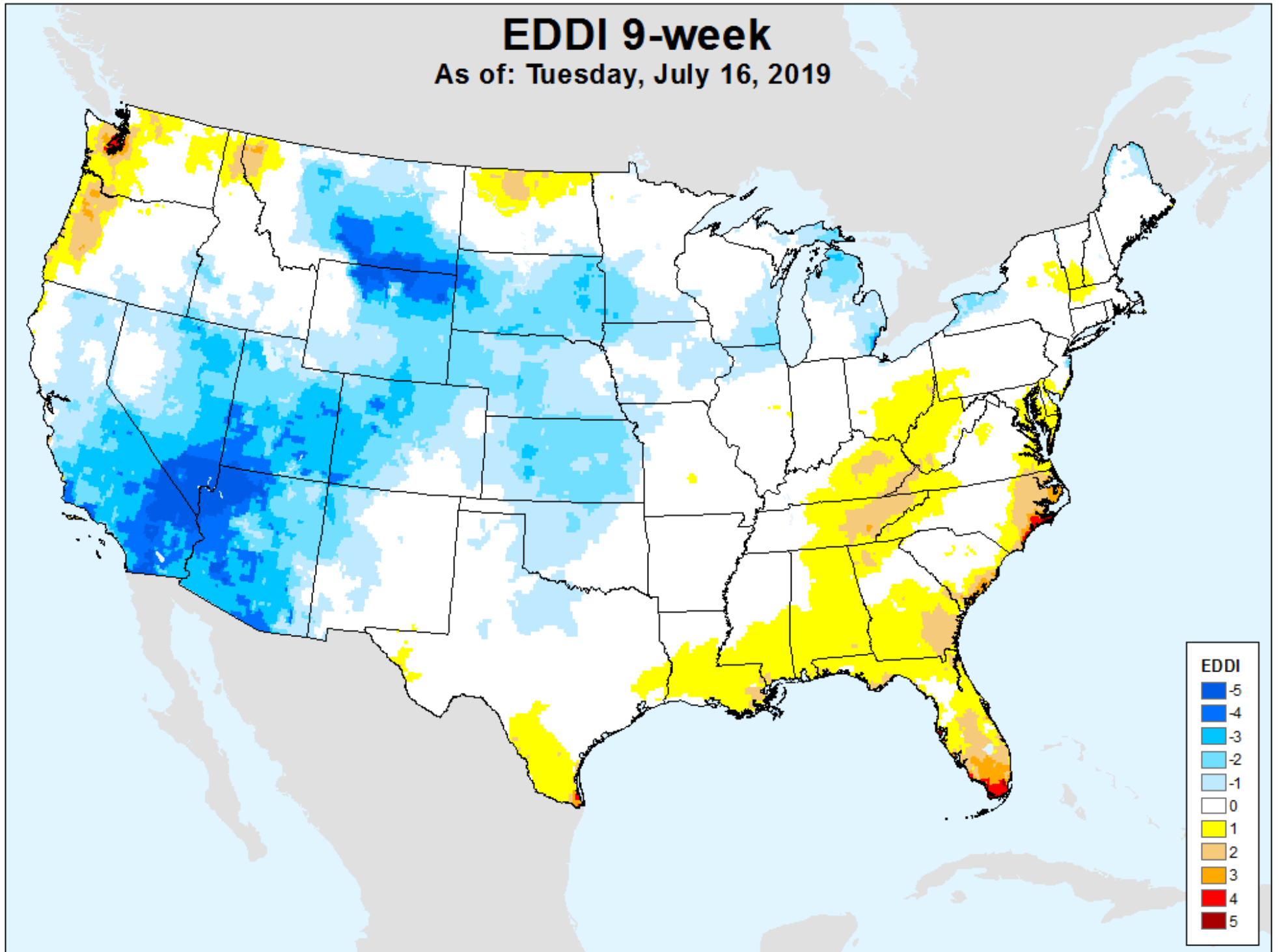
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

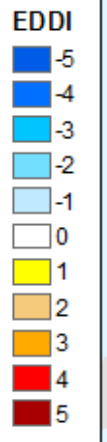
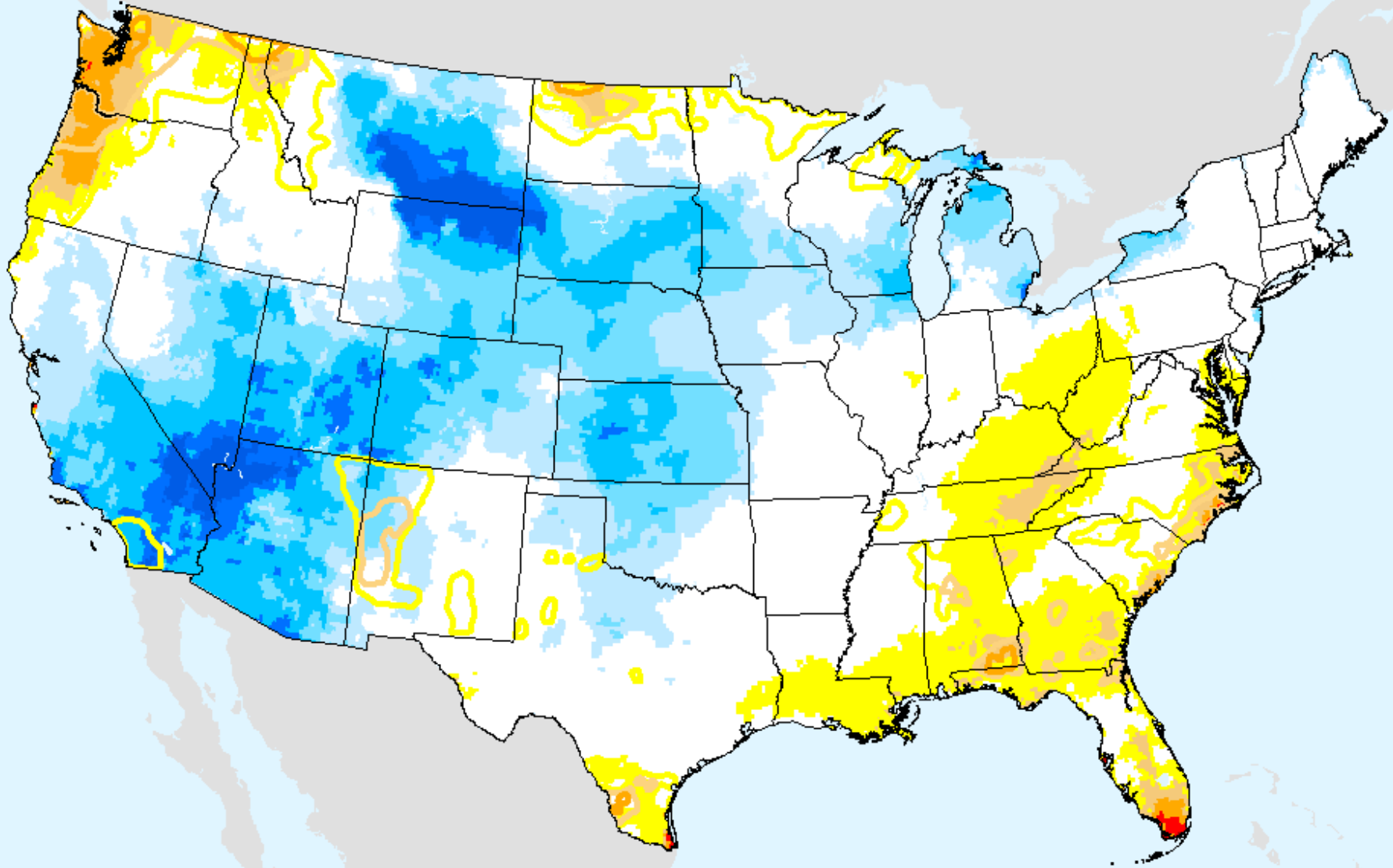
# EDDI 9-week

As of: Tuesday, July 16, 2019



# EDDI 10-week

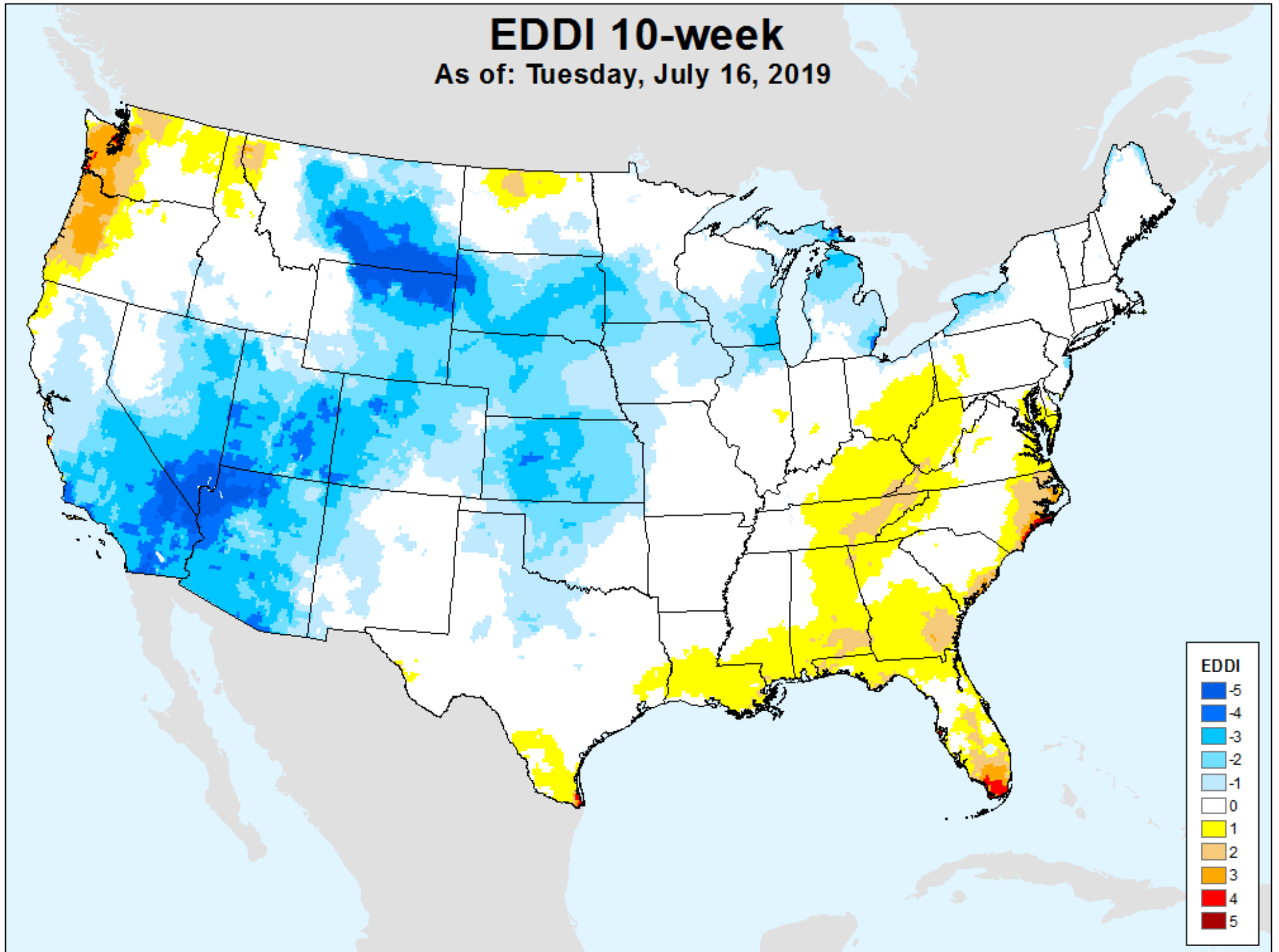
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# EDDI 10-week

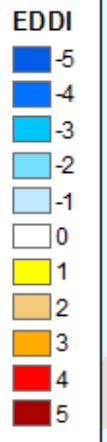
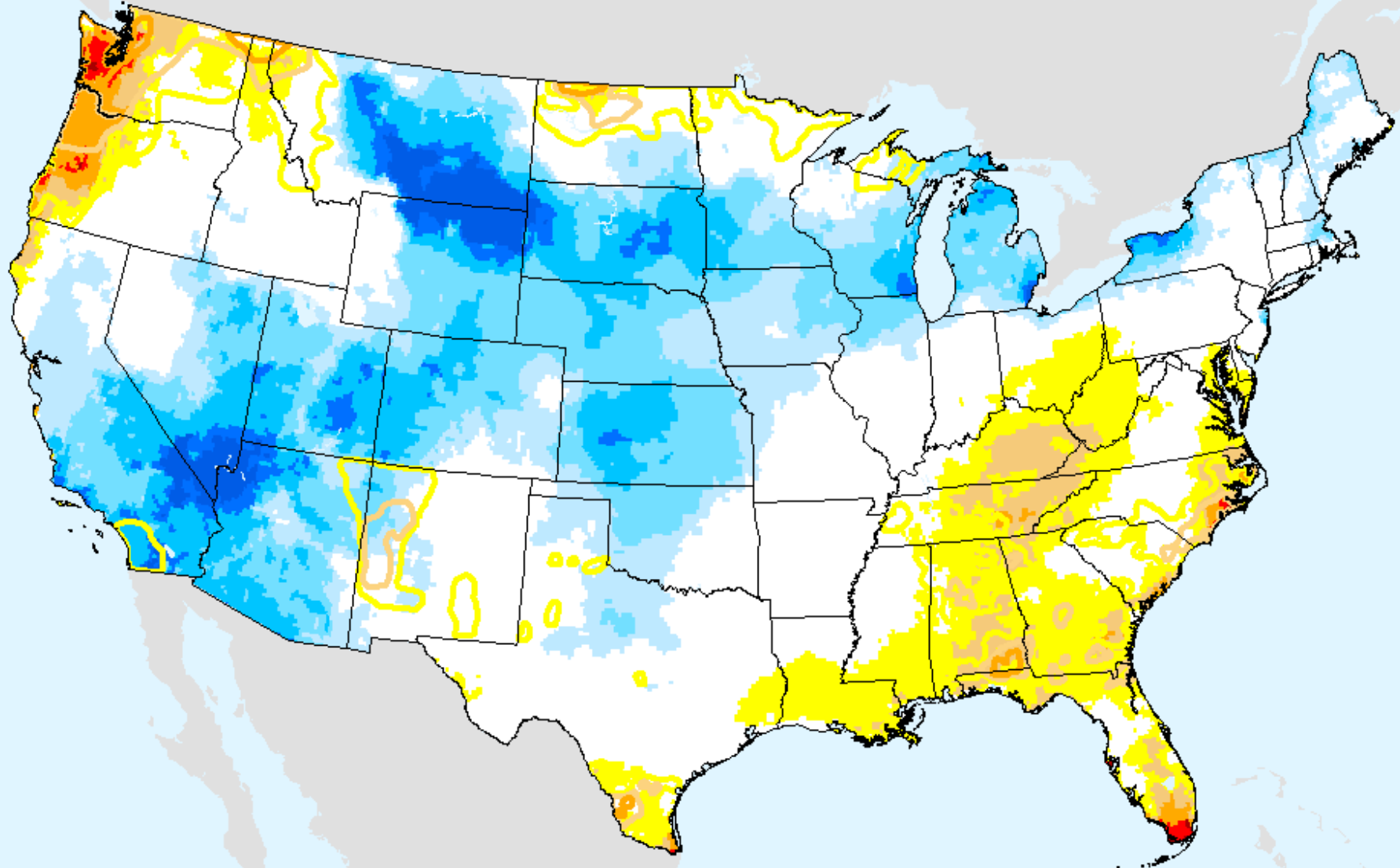
As of: Tuesday, July 16, 2019





# EDDI 11-week

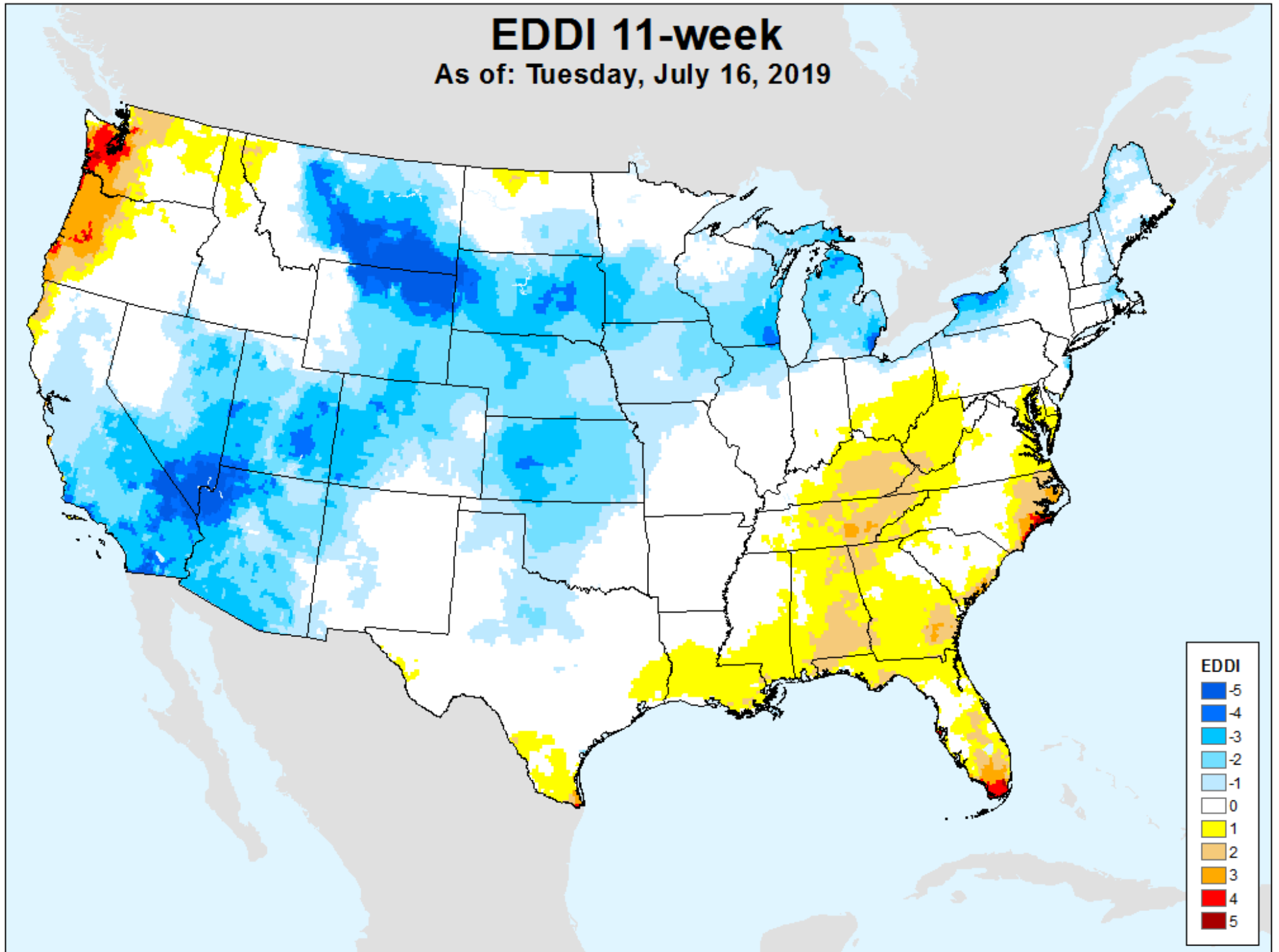
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

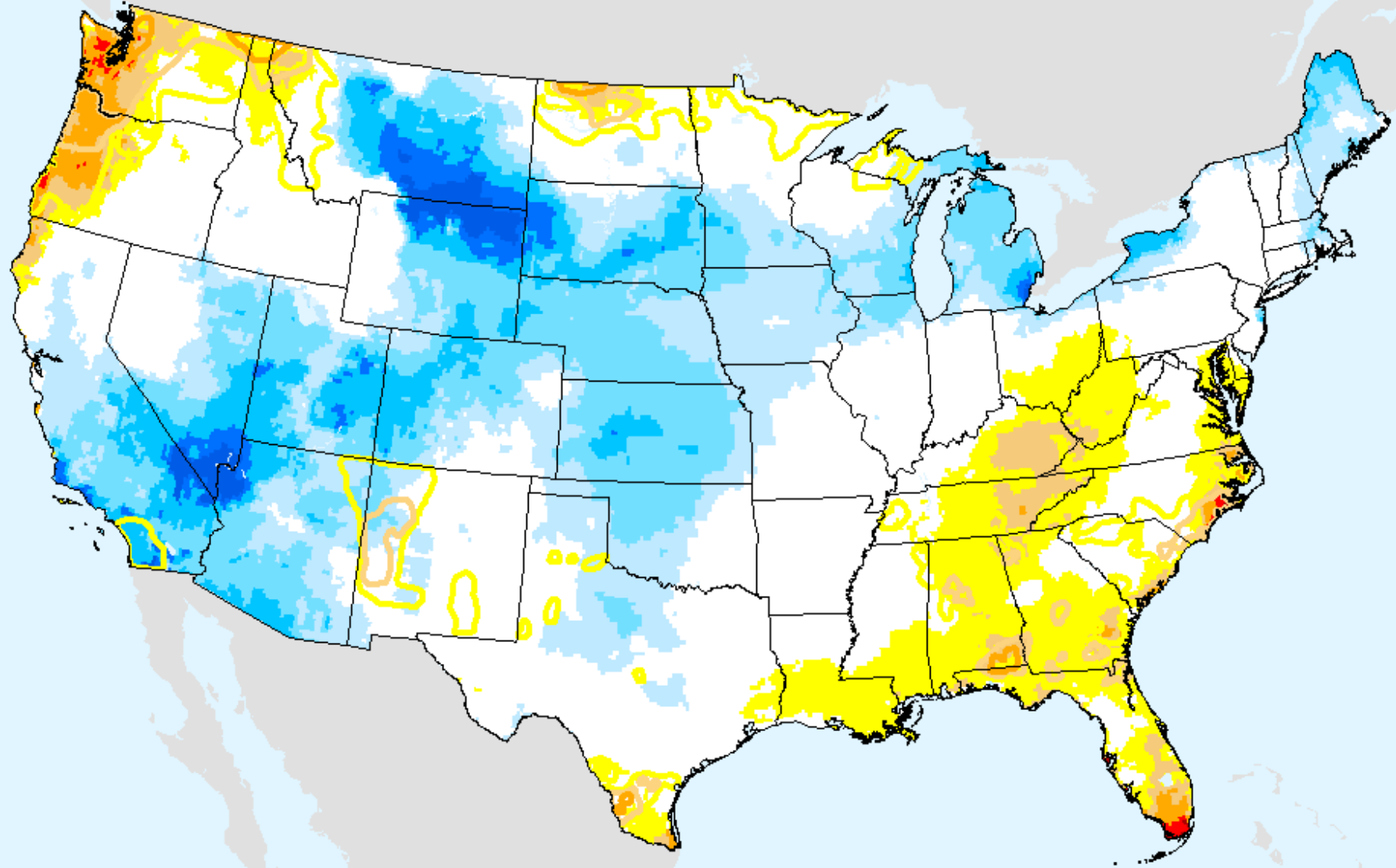
# EDDI 11-week

As of: Tuesday, July 16, 2019



# EDDI 12-week

As of: Tuesday, July 16, 2019

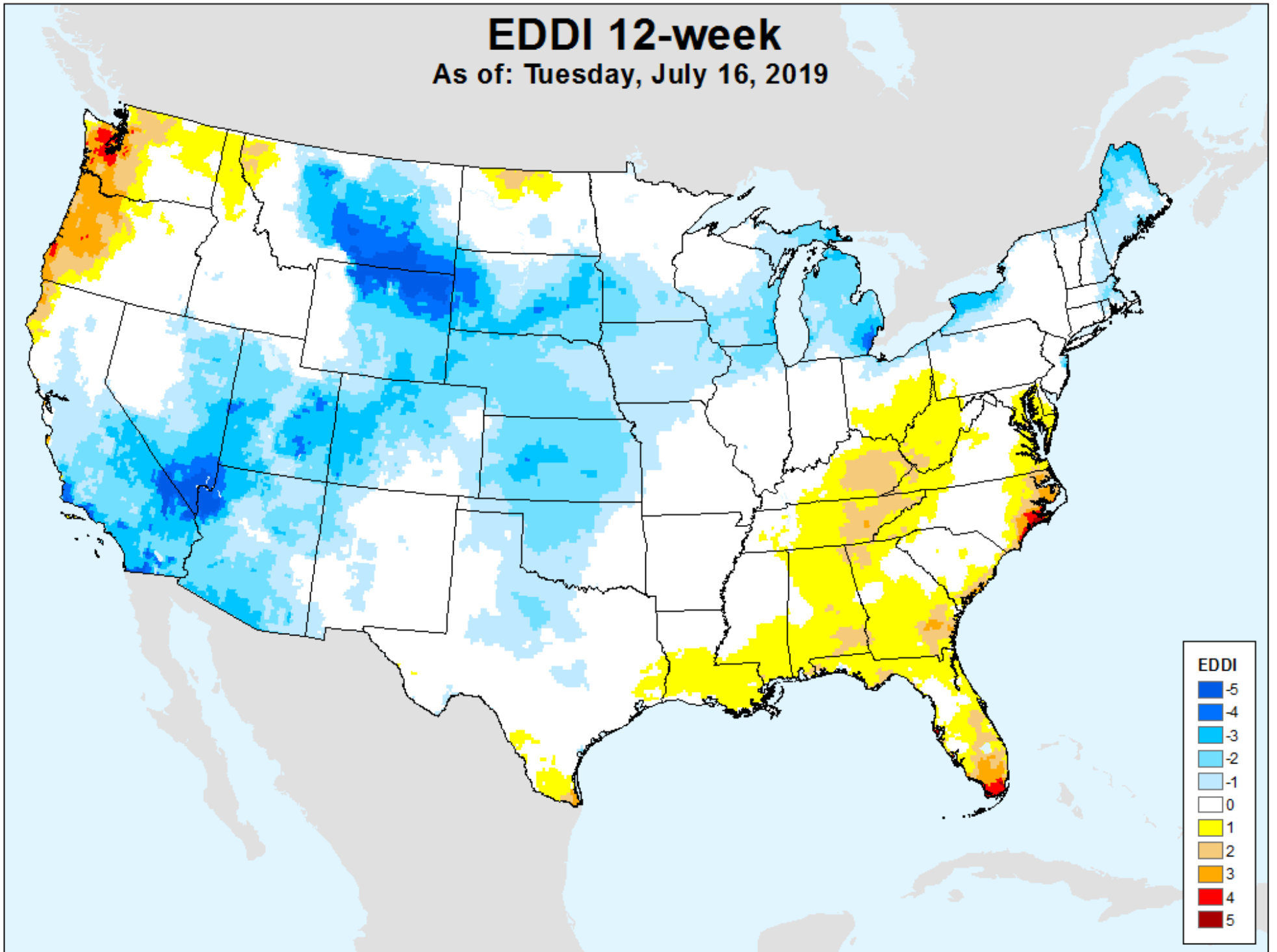


EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Orange	2
Light Orange	3
Red	4
Dark Red	5

USDM for: Jul. 9, 2019

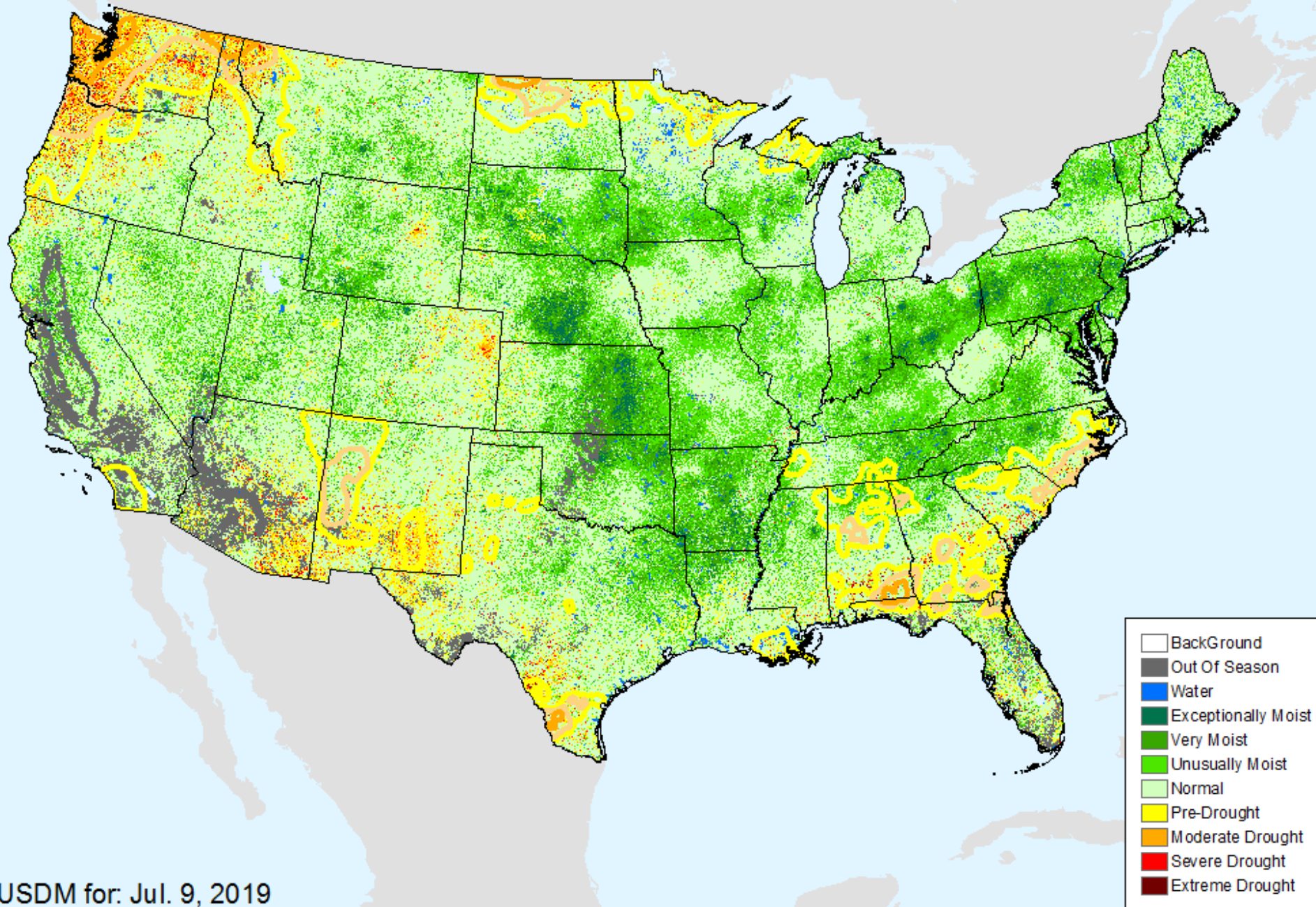
# EDDI 12-week

As of: Tuesday, July 16, 2019



# Vegetation Drought Response Index (VegDRI)

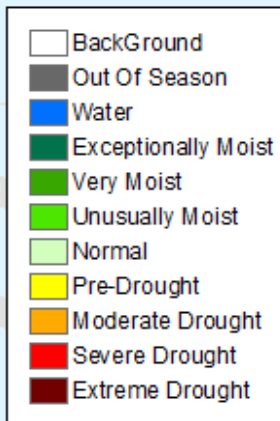
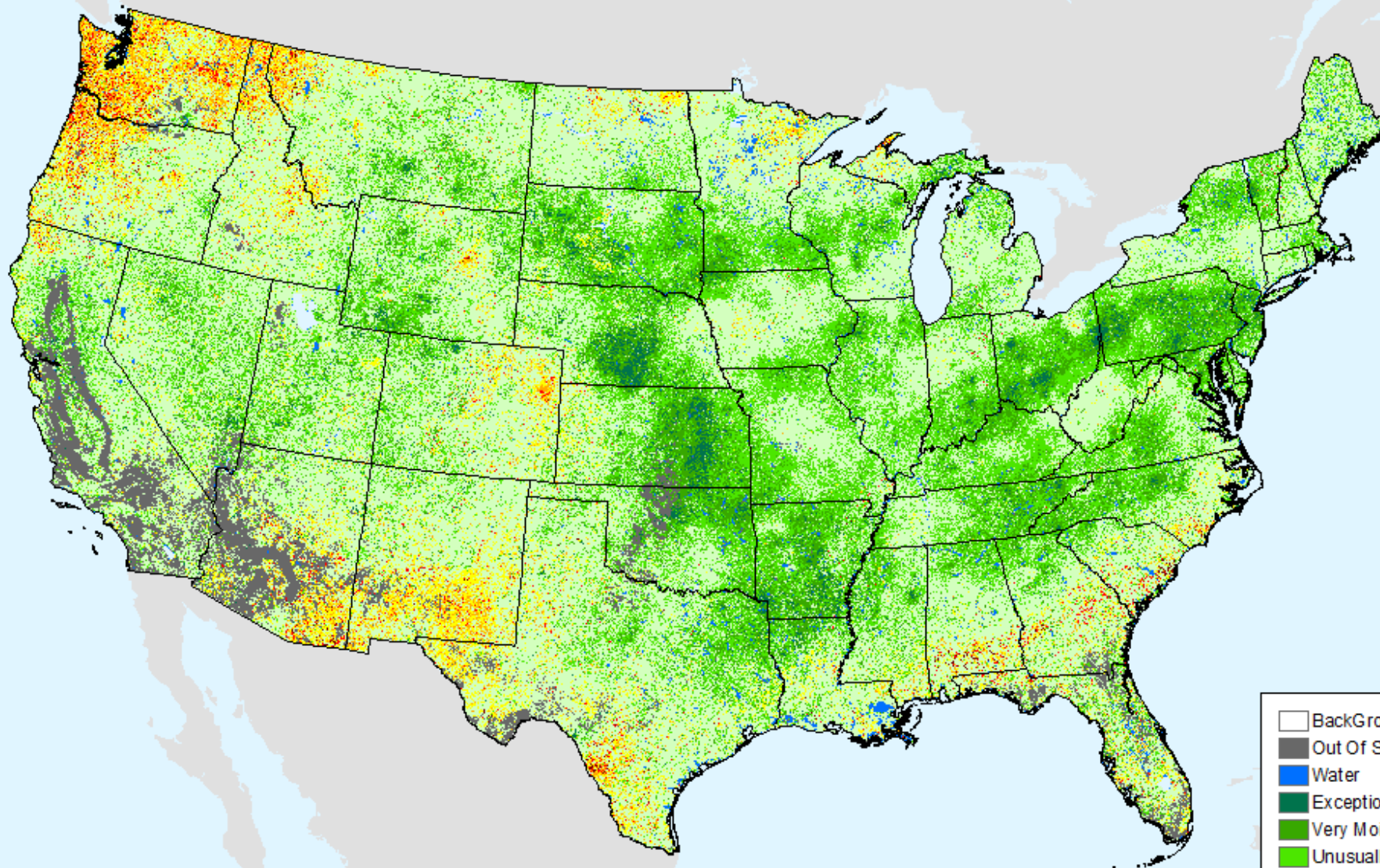
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

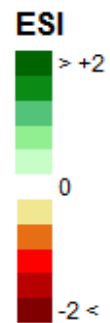
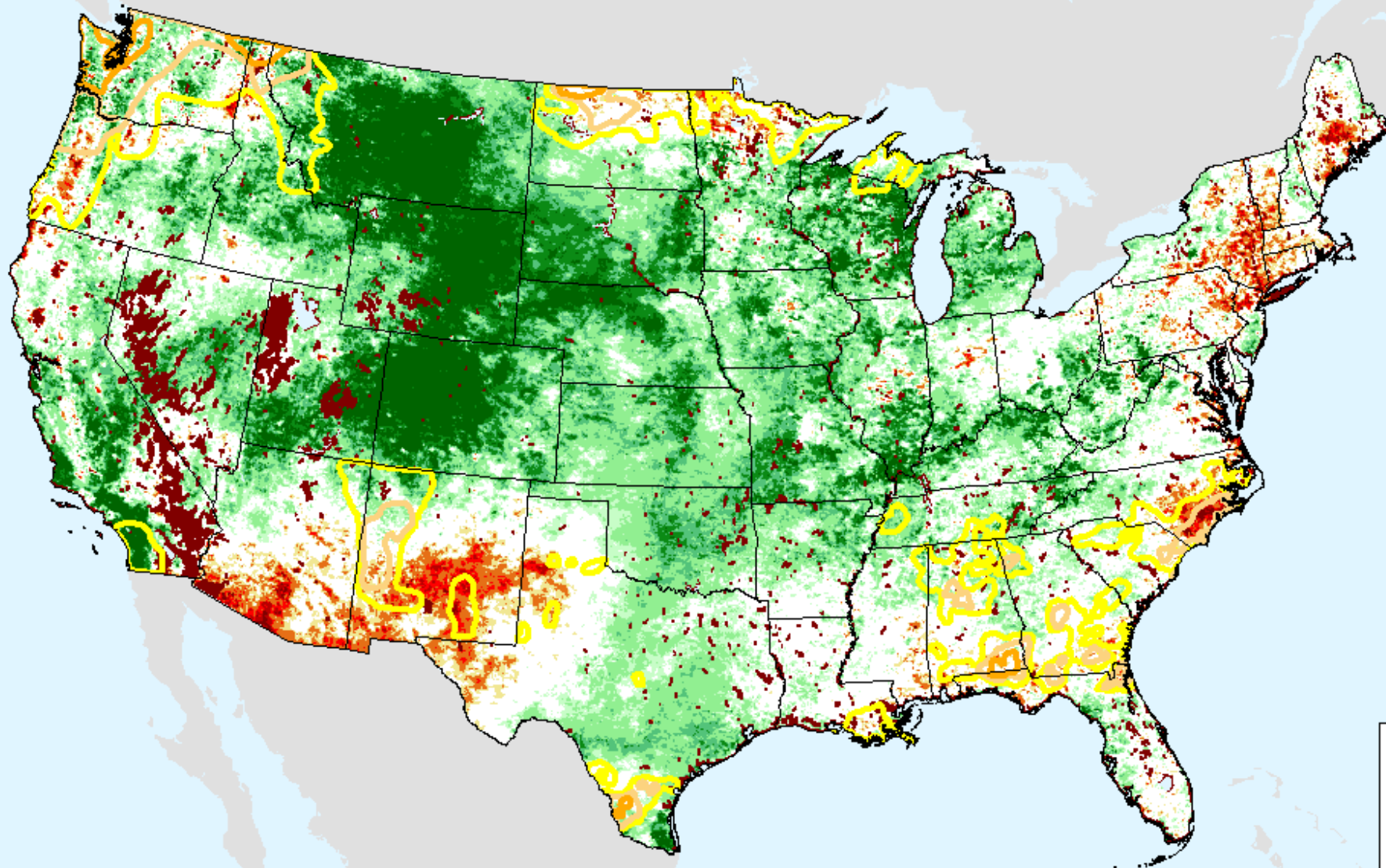
# Vegetation Drought Response Index (VegDRI)

As of: Tuesday, July 16, 2019



# Evaporative Stress Index (ESI) 4-week

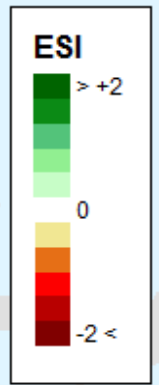
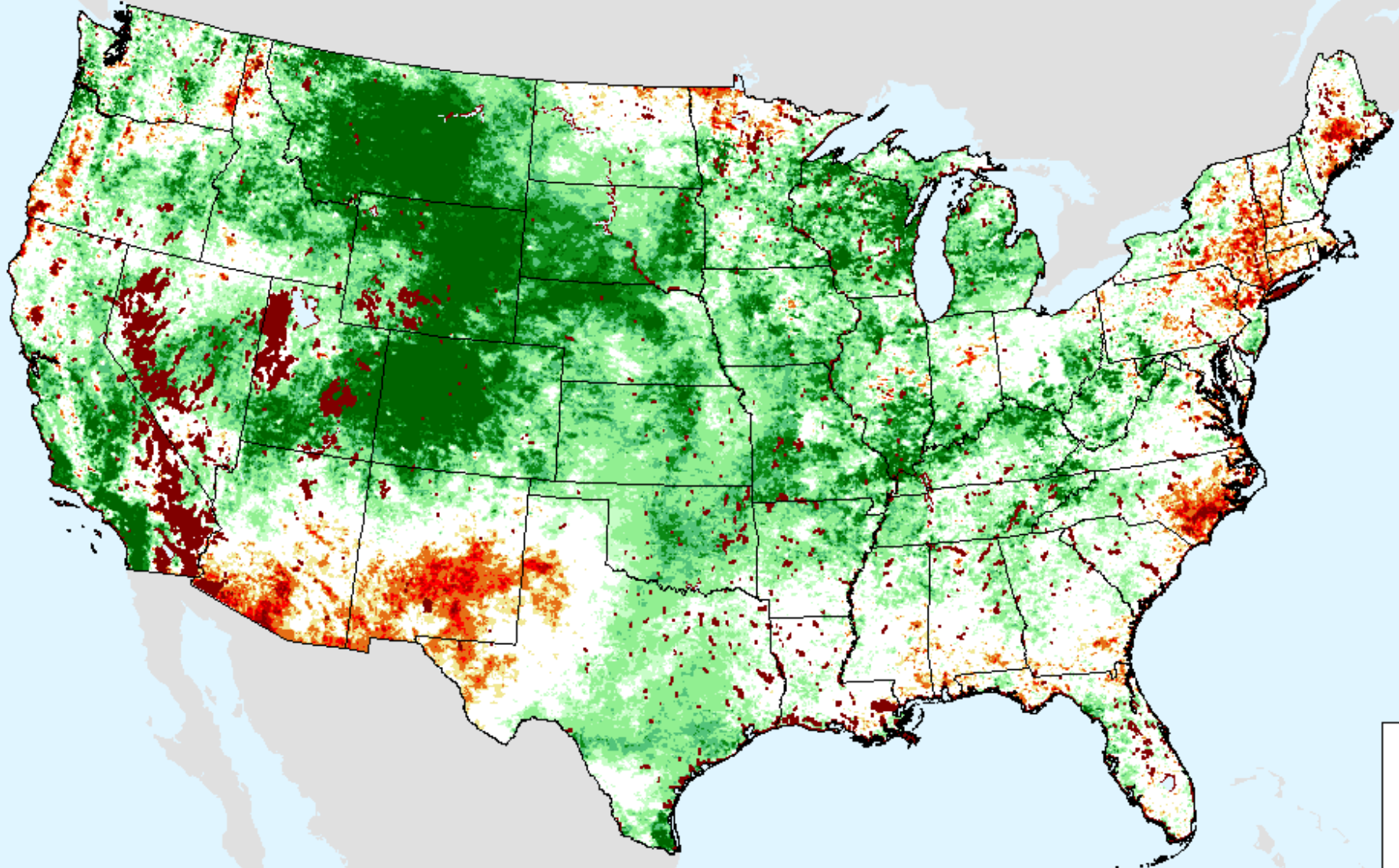
As of: Tuesday, July 16, 2019



USDM for: Jul. 9, 2019

# Evaporative Stress Index (ESI) 4-week

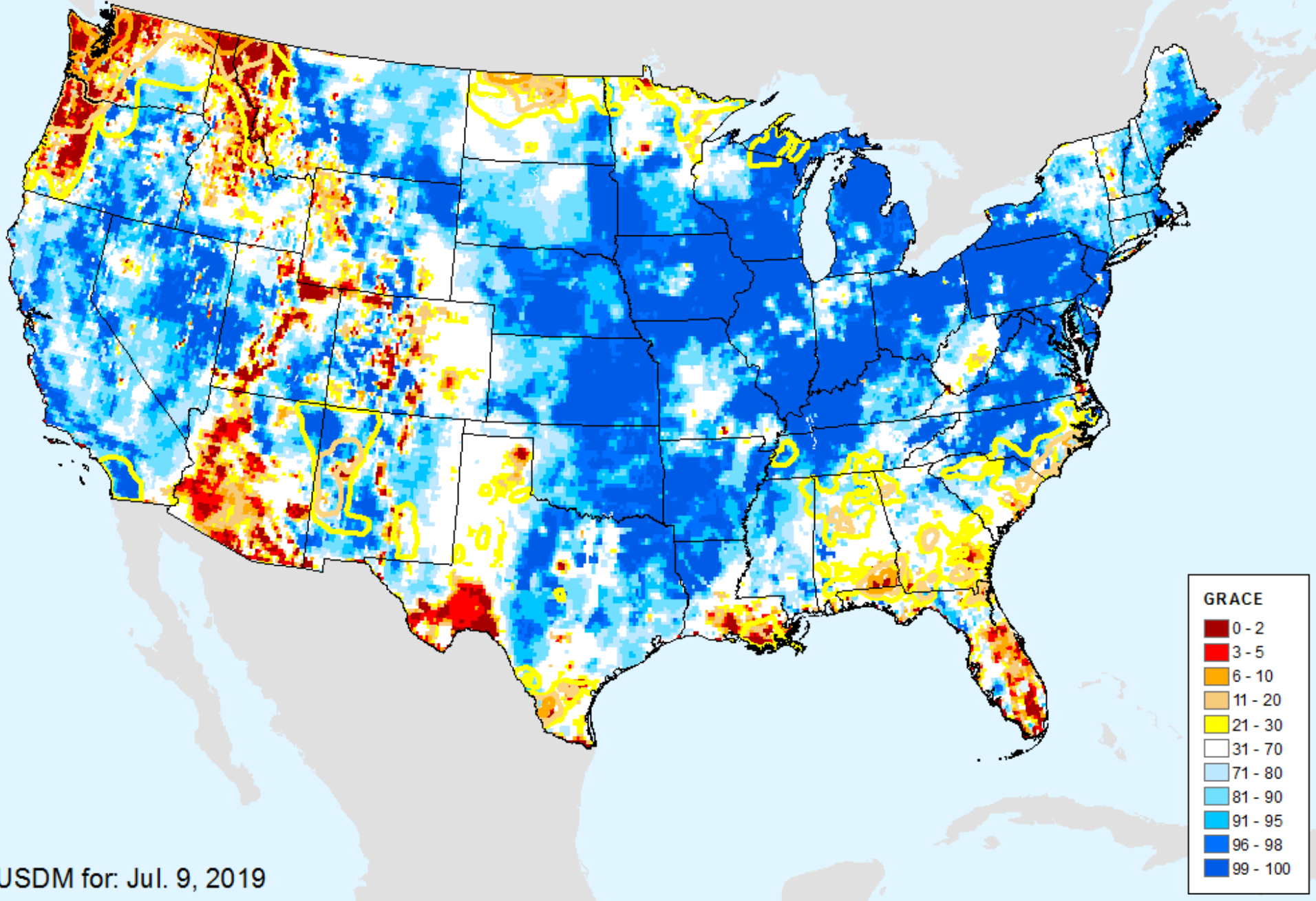
As of: Tuesday, July 16, 2019





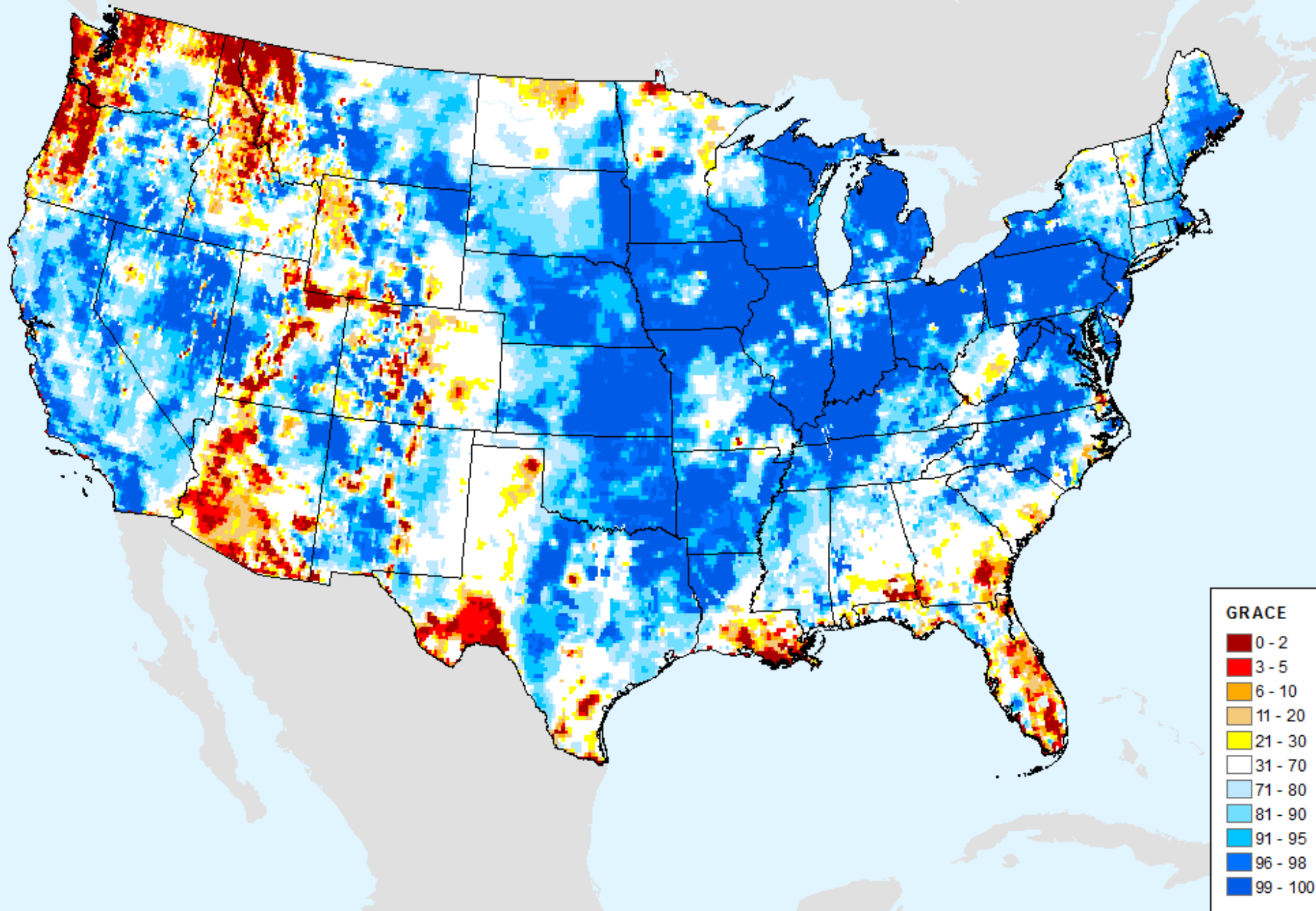
# GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, July 16, 2019



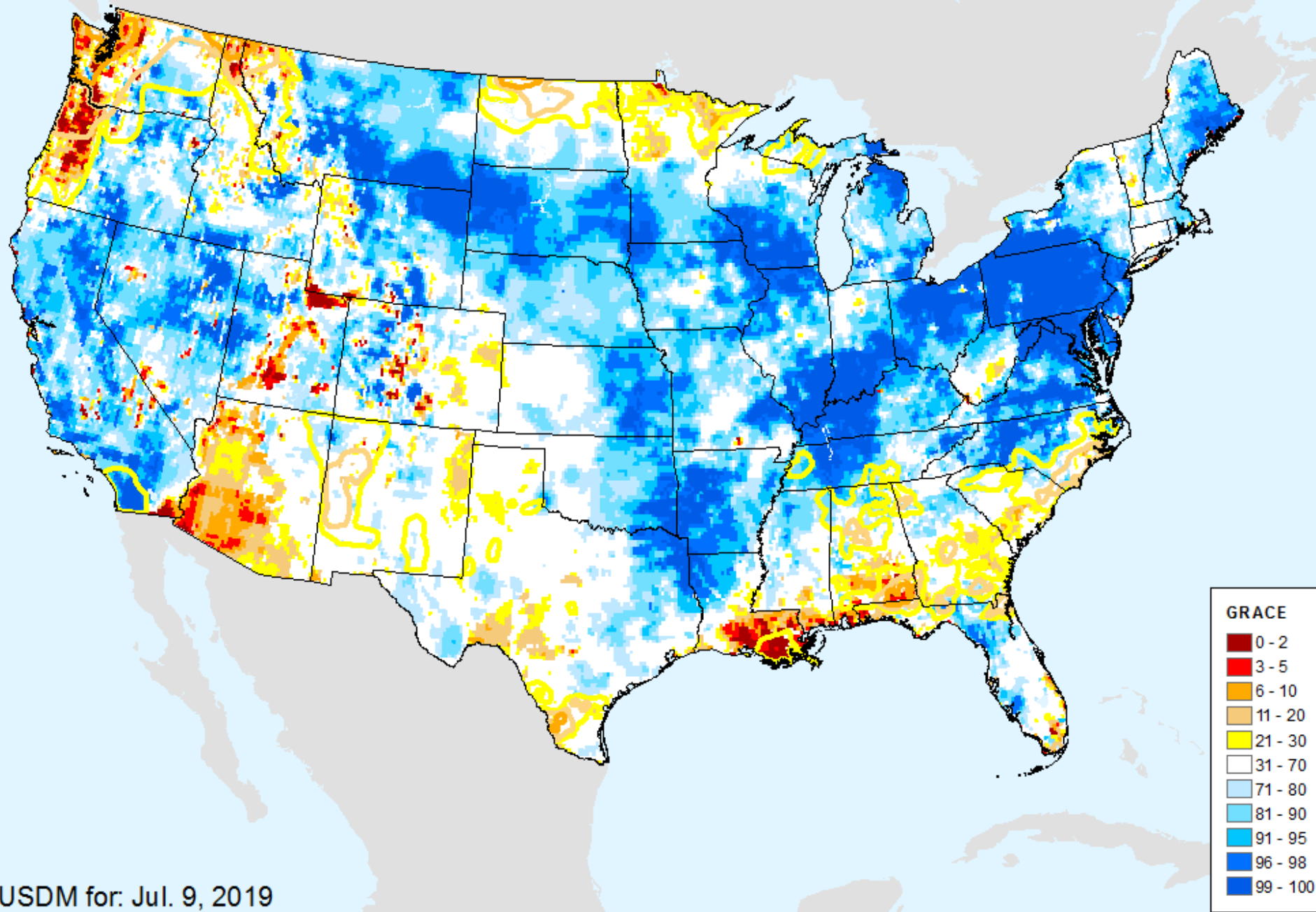
# GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, July 16, 2019



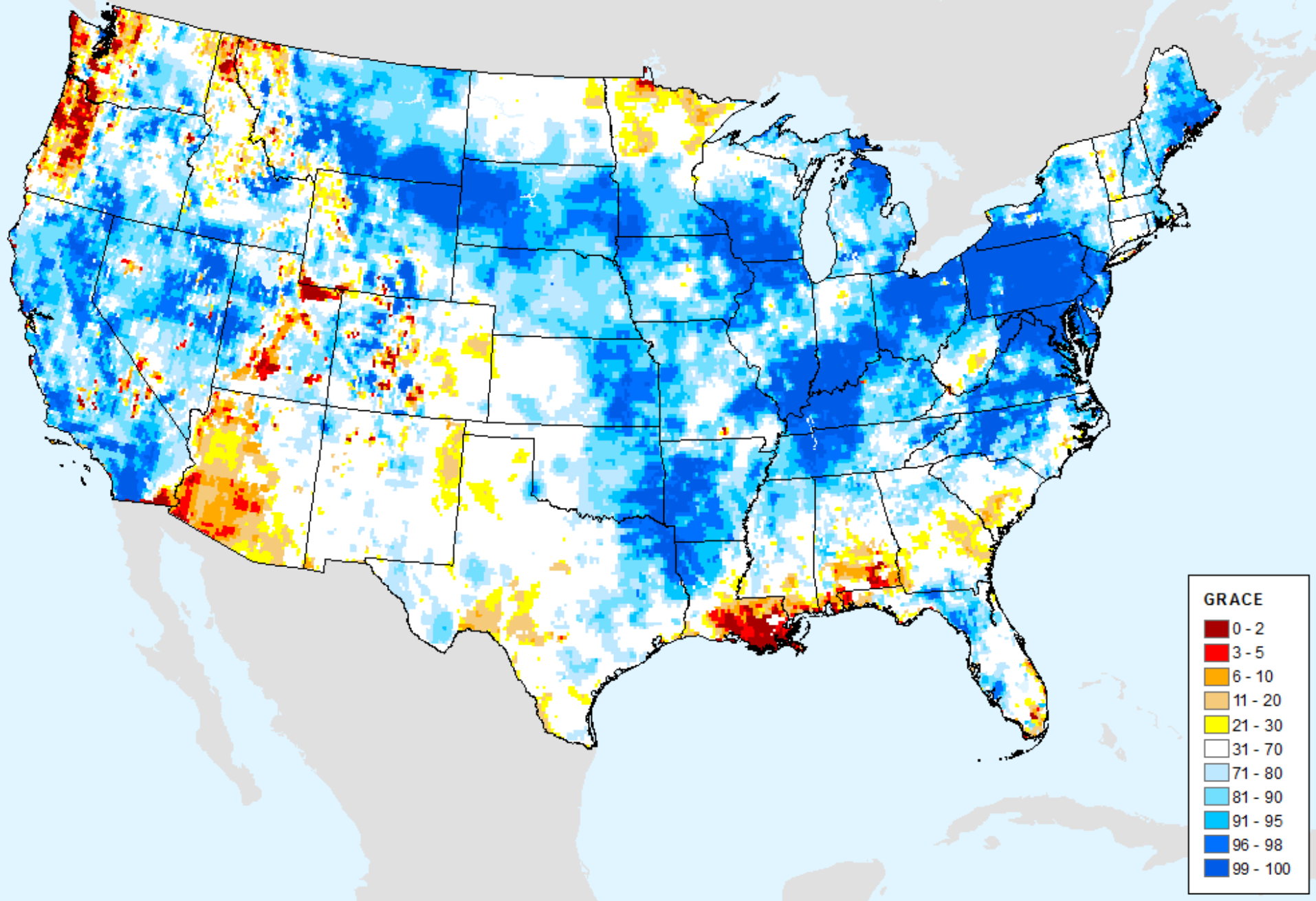
# GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, July 16, 2019



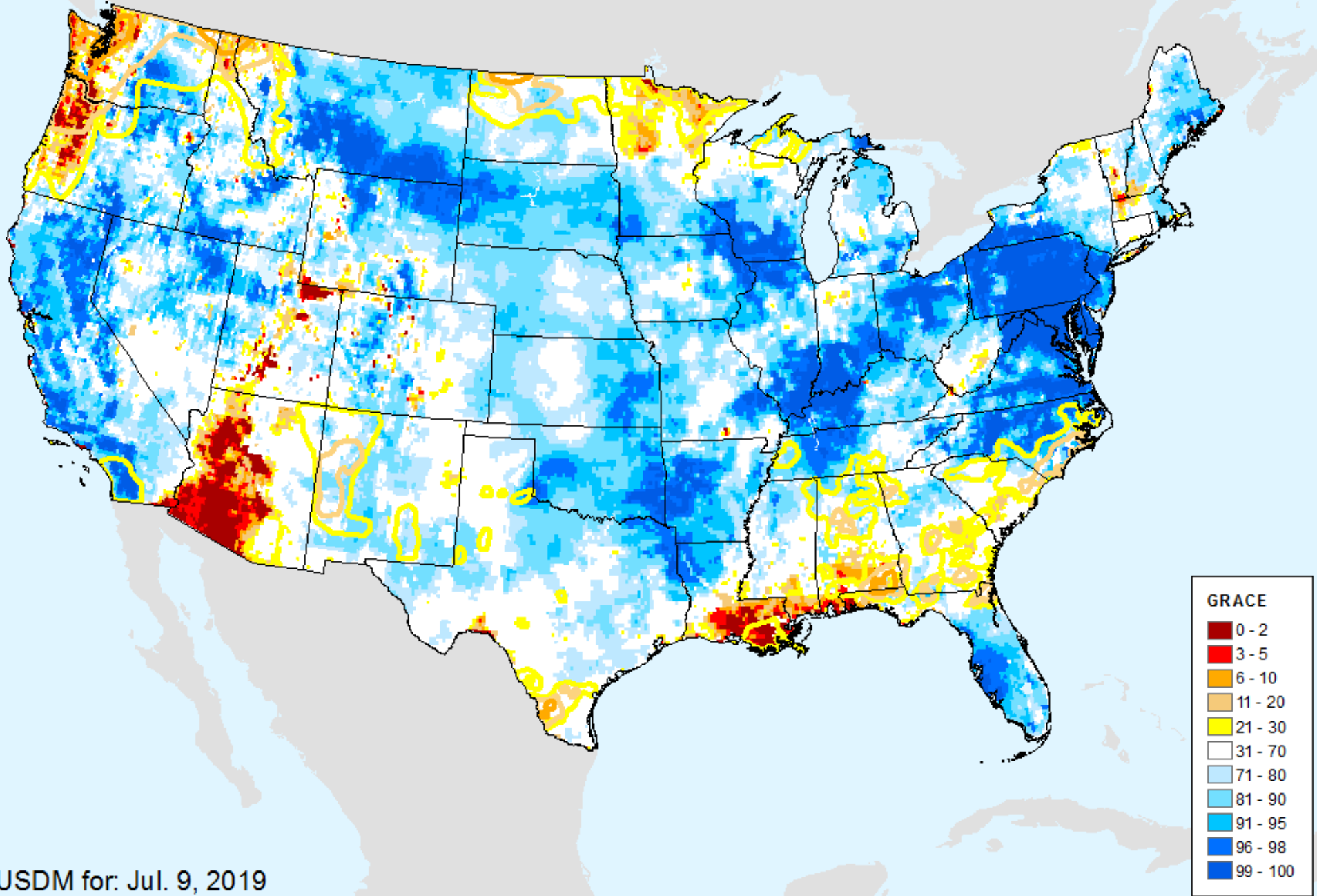
# GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, July 16, 2019



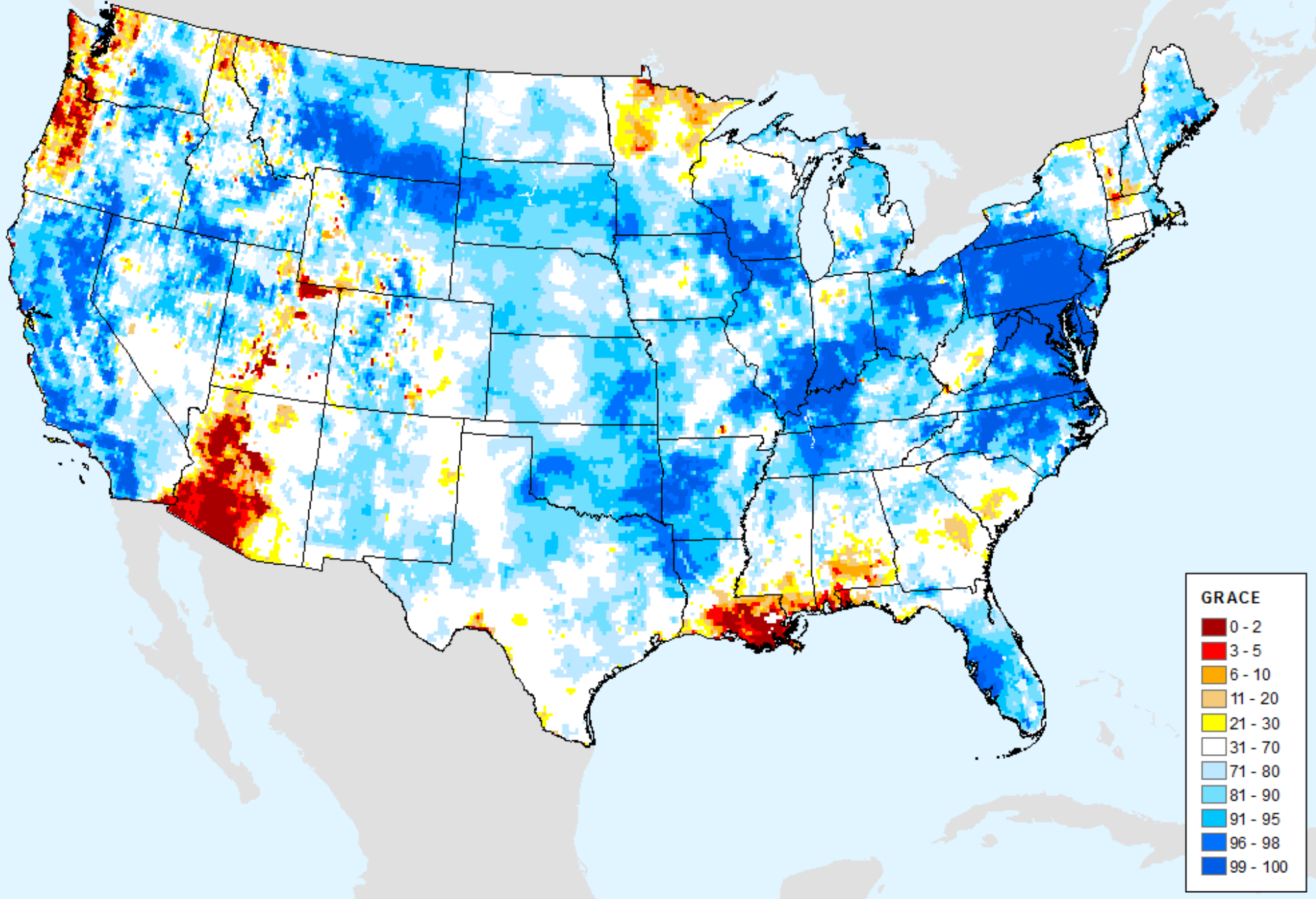
# GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, July 16, 2019



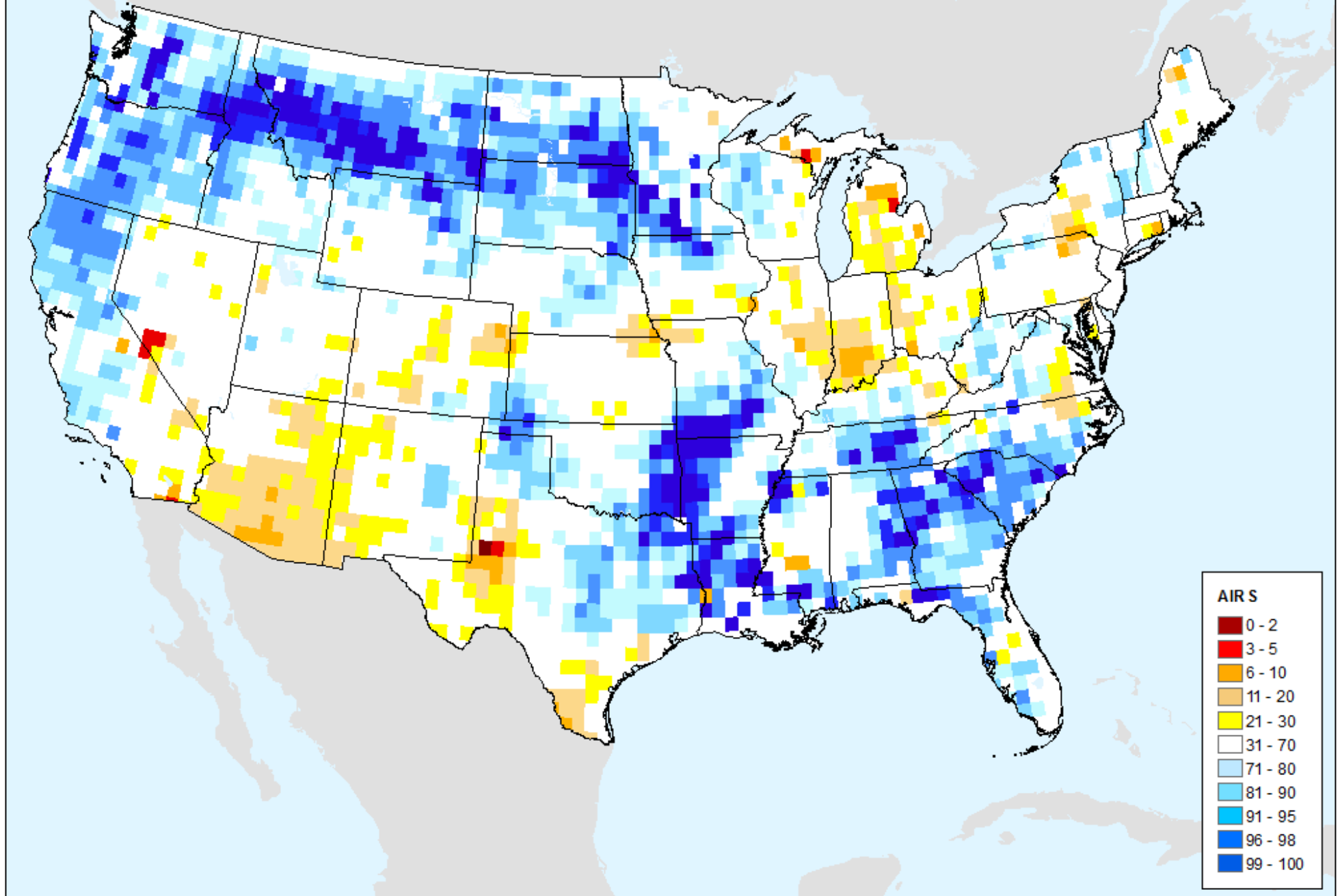
# GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, July 16, 2019



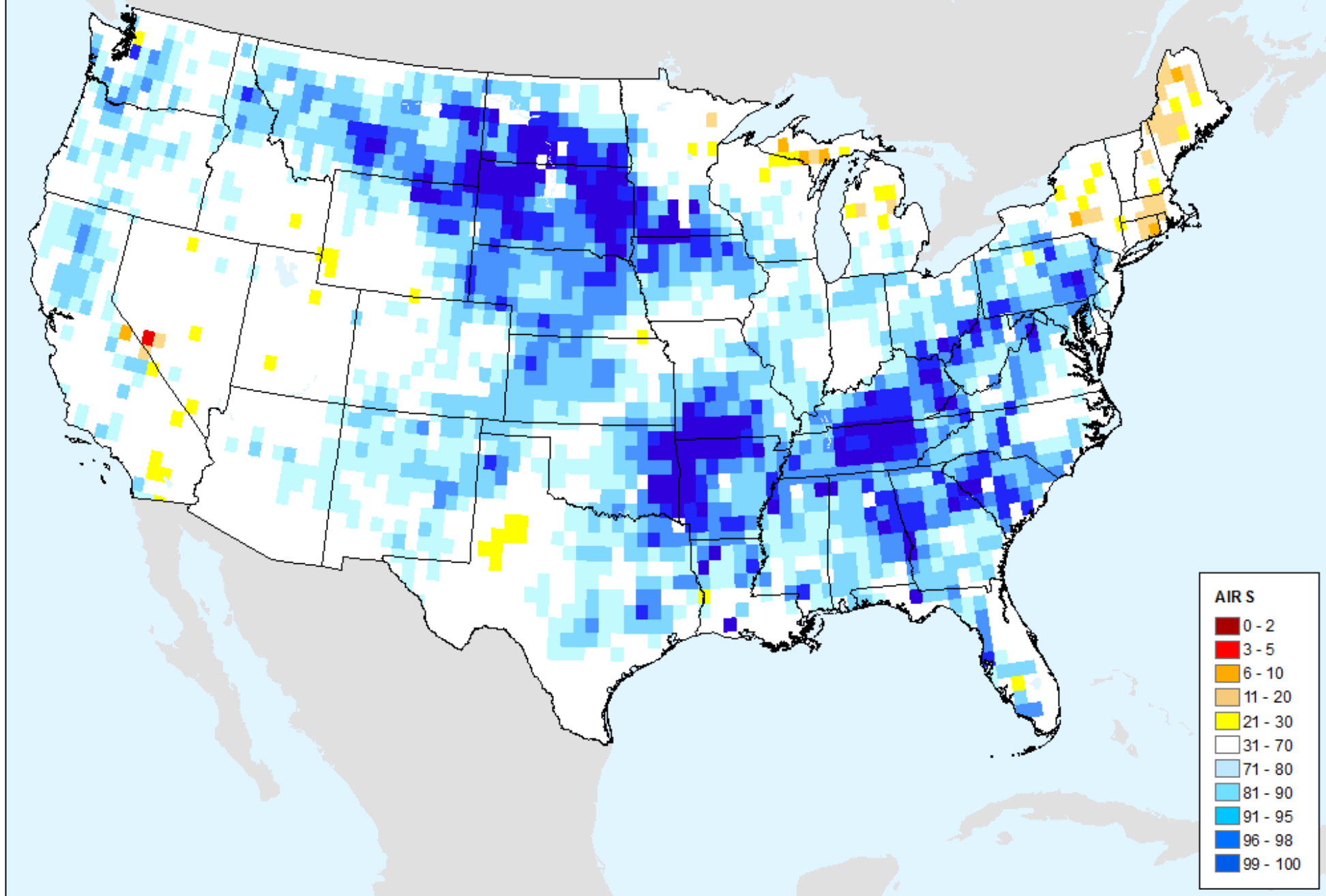
# AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, July 16, 2019



# AIRS-Based Surface Relative Humidity 14 Day

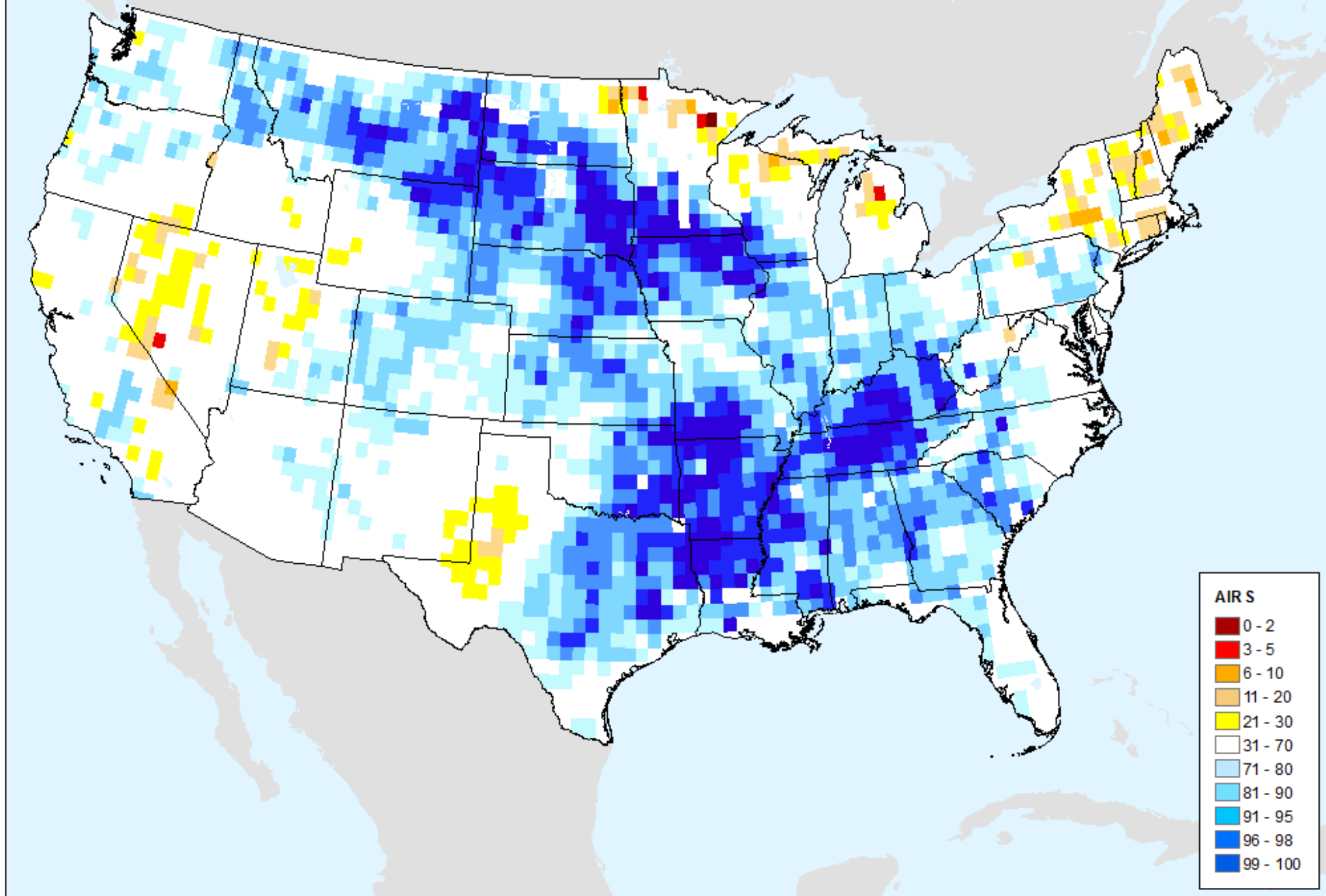
As of: Tuesday, July 16, 2019





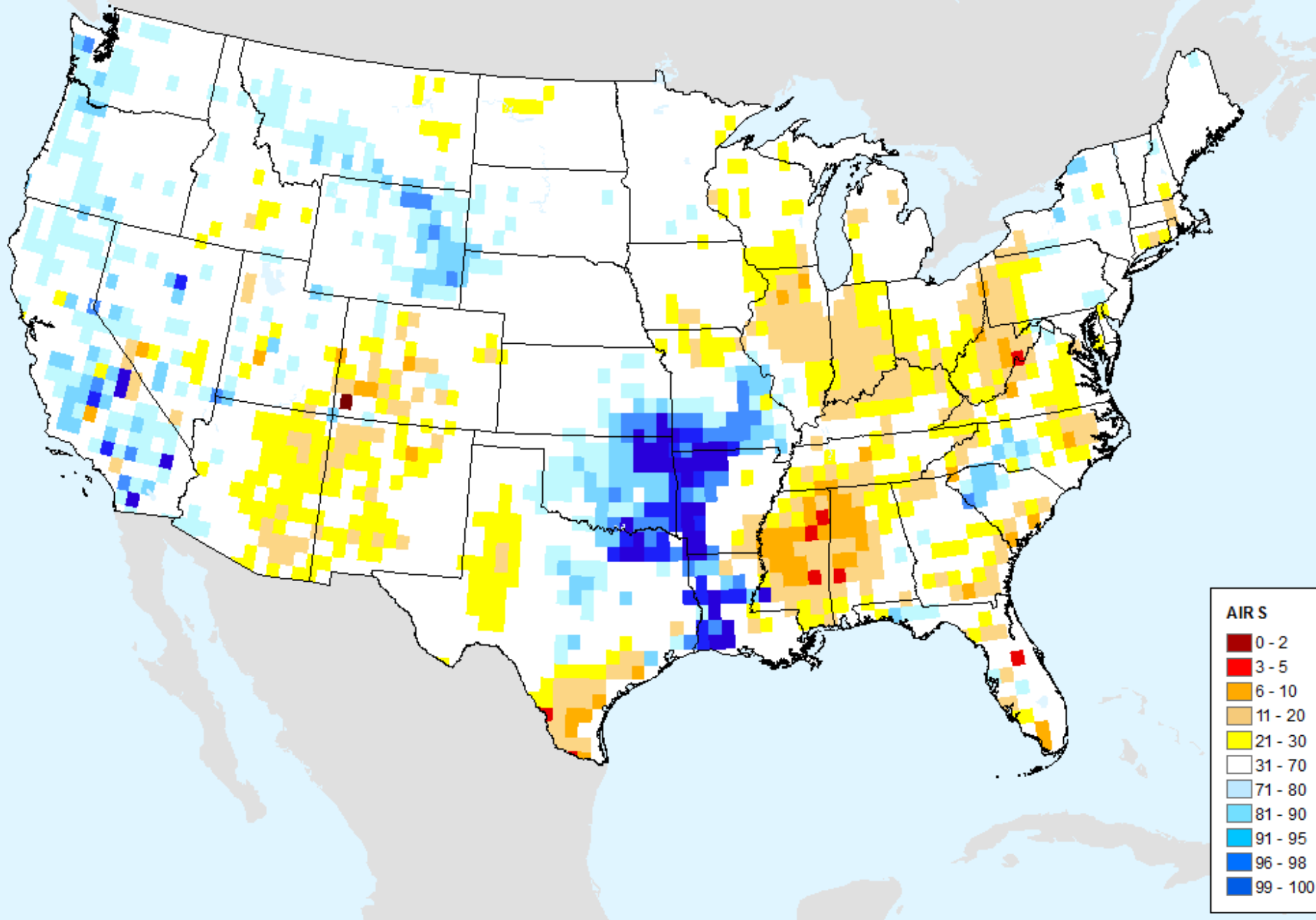
# AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, July 16, 2019



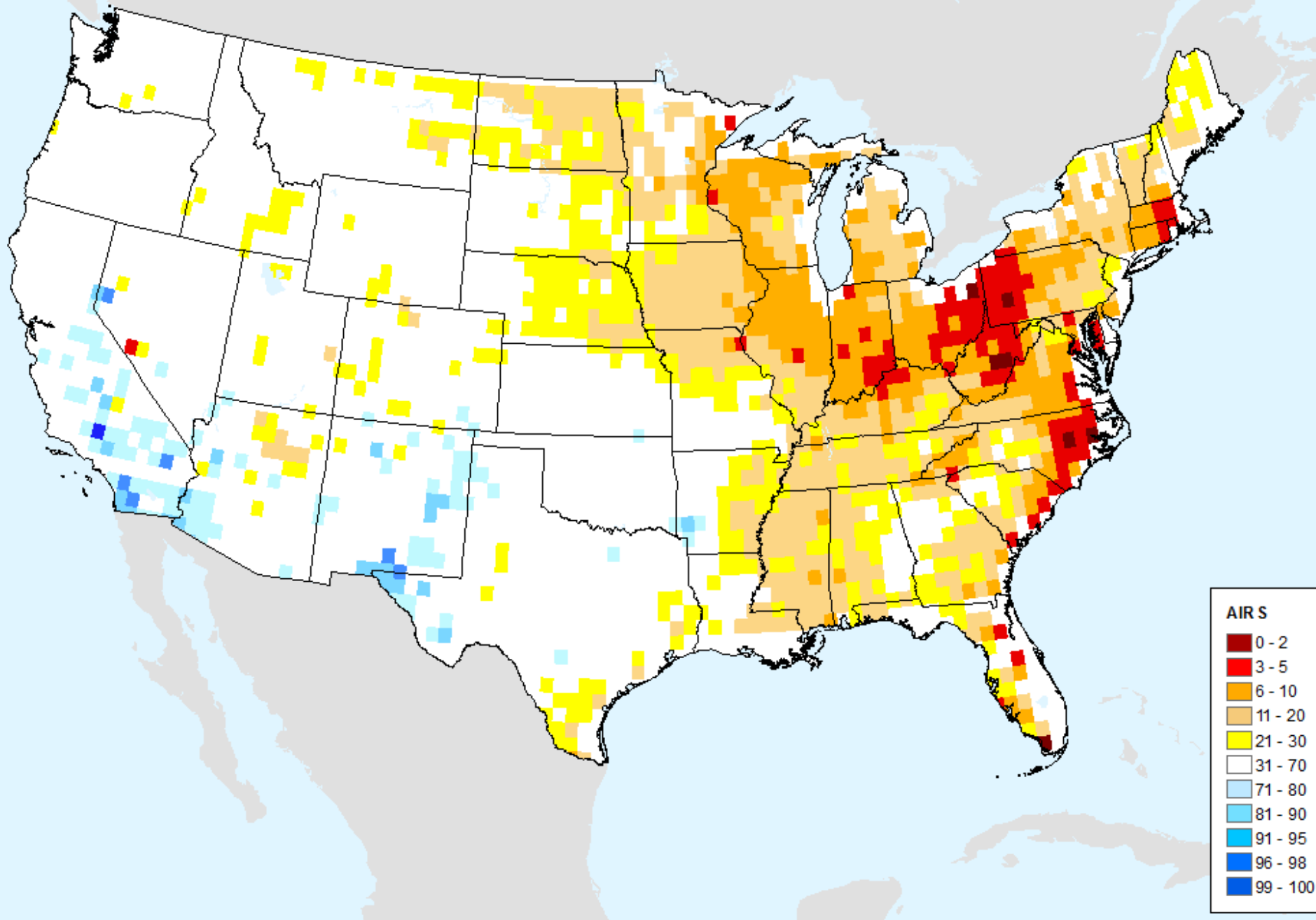
# AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Tuesday, July 16, 2019



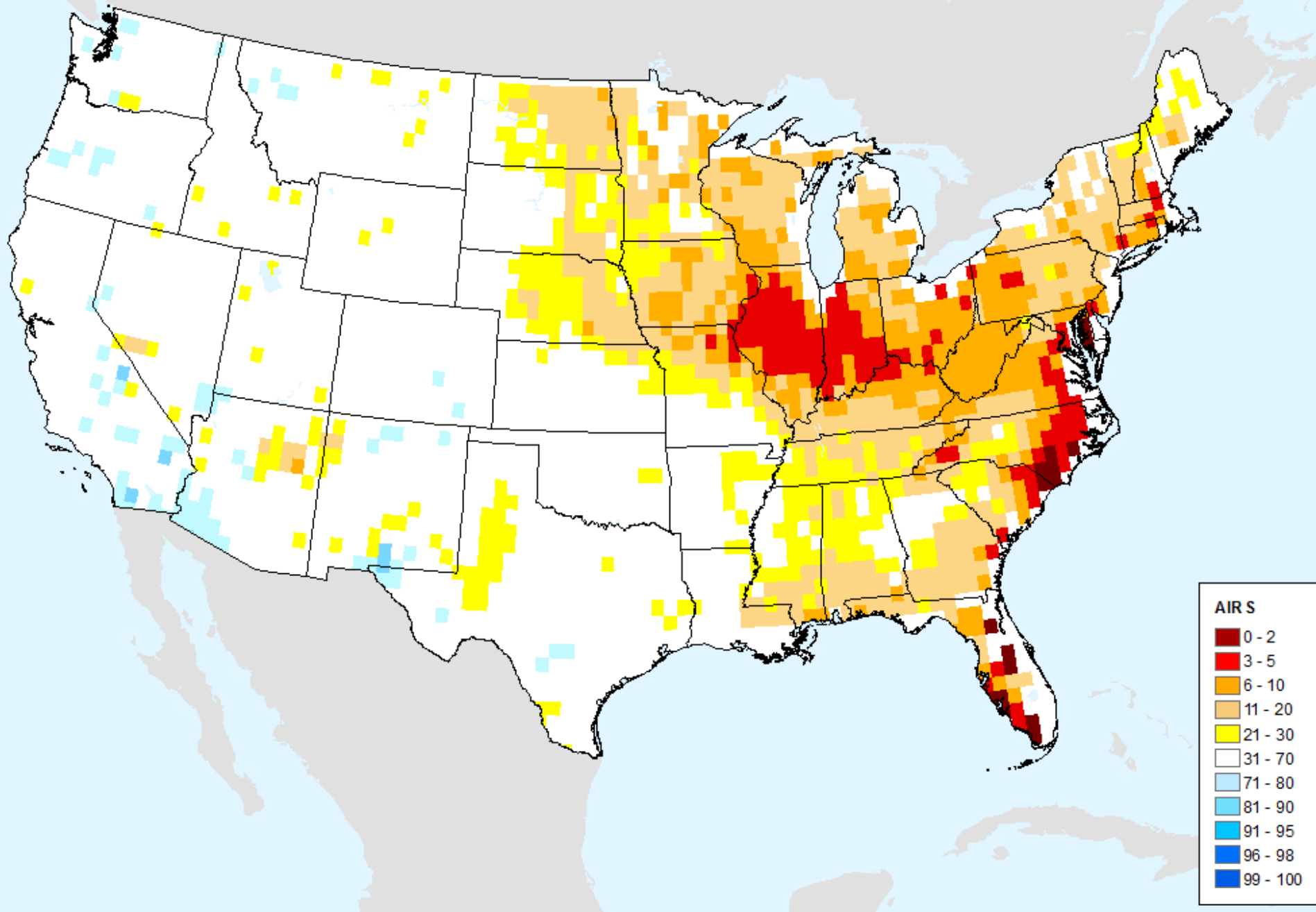
# AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Tuesday, July 16, 2019



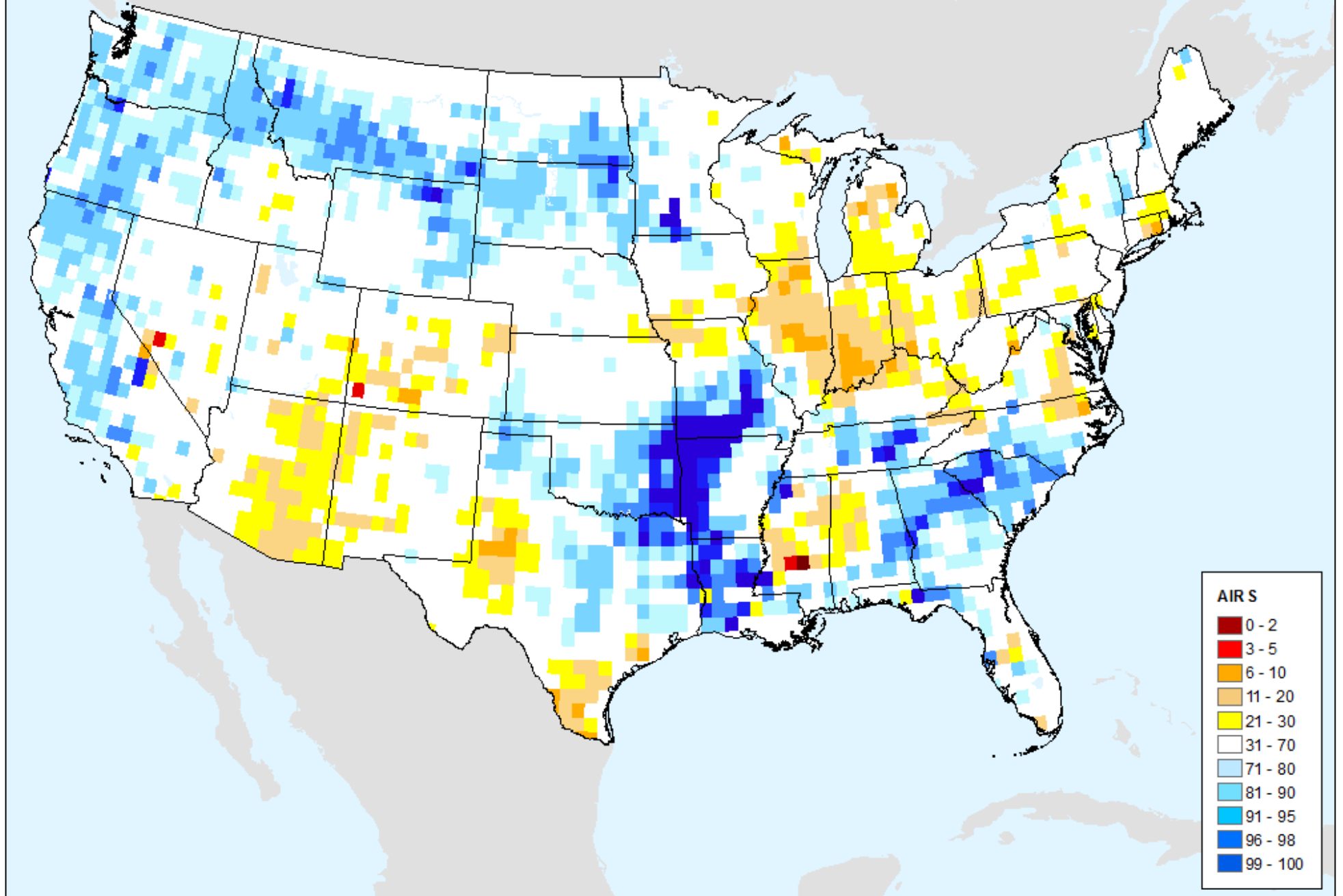
# AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, July 16, 2019



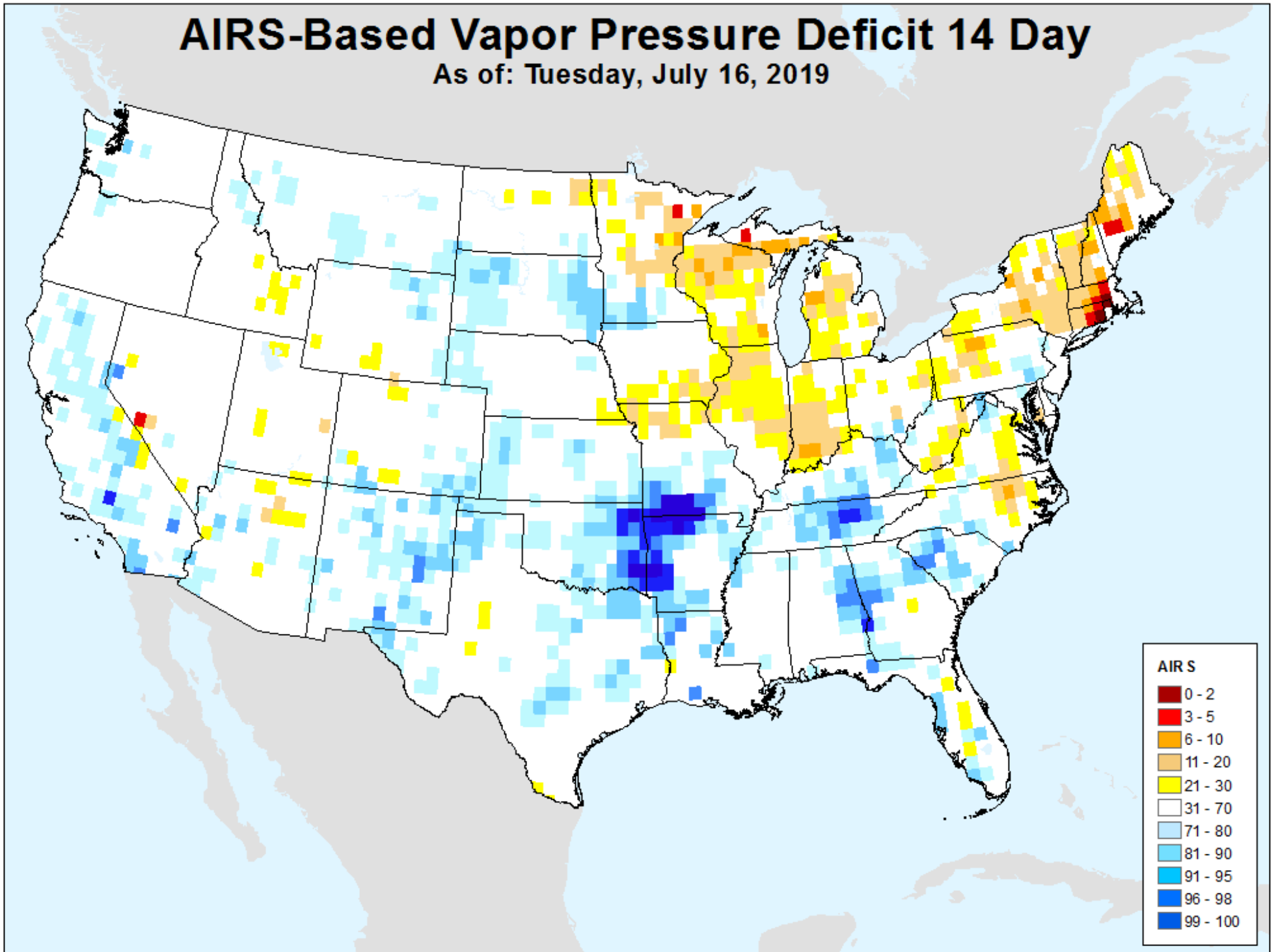
# AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, July 16, 2019



# AIRS-Based Vapor Pressure Deficit 14 Day

As of: Tuesday, July 16, 2019



# AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, July 16, 2019

