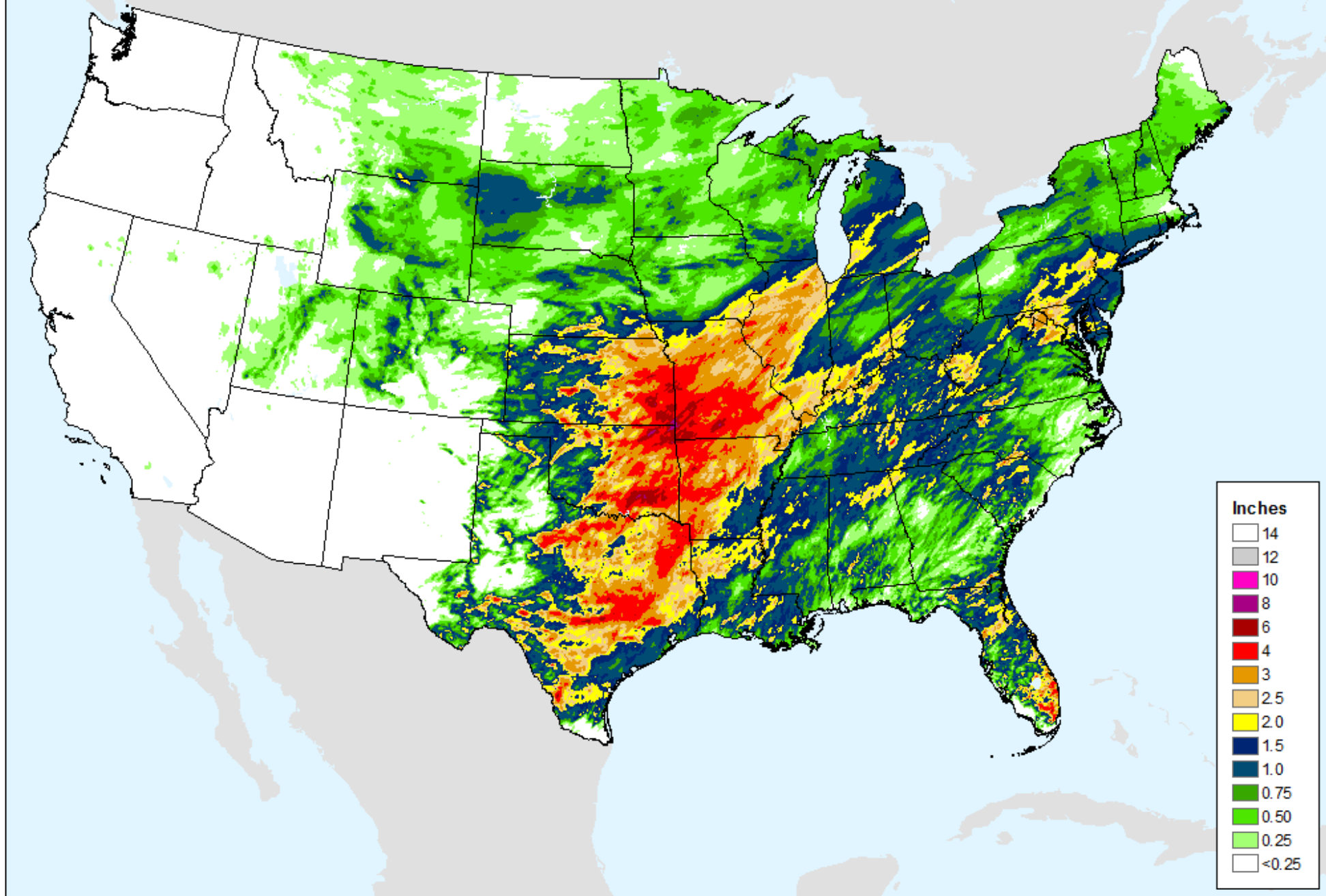


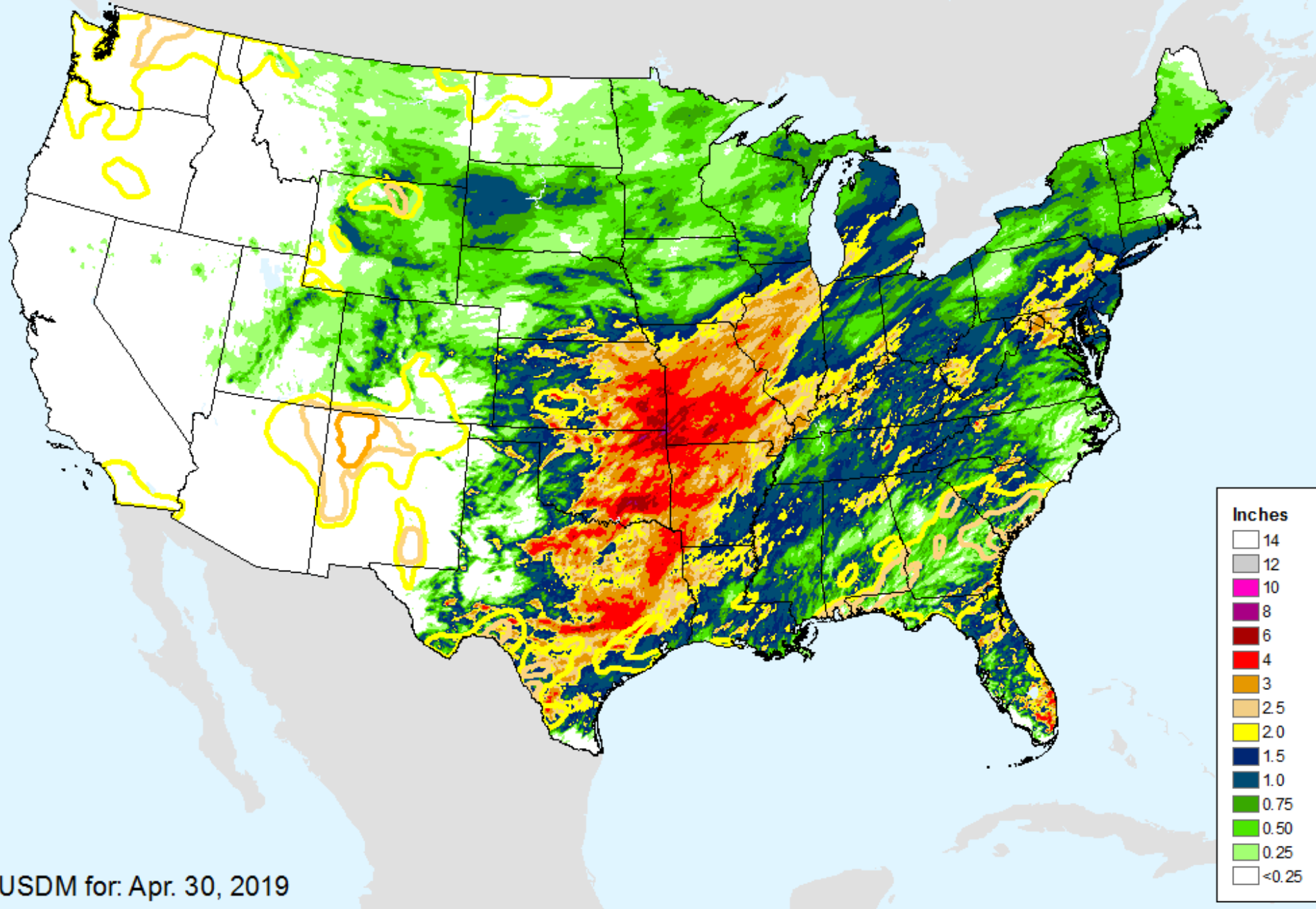
AHPS 7-Day Precipitation

As of: Tuesday, May 7, 2019



AHPS 7-Day Precipitation

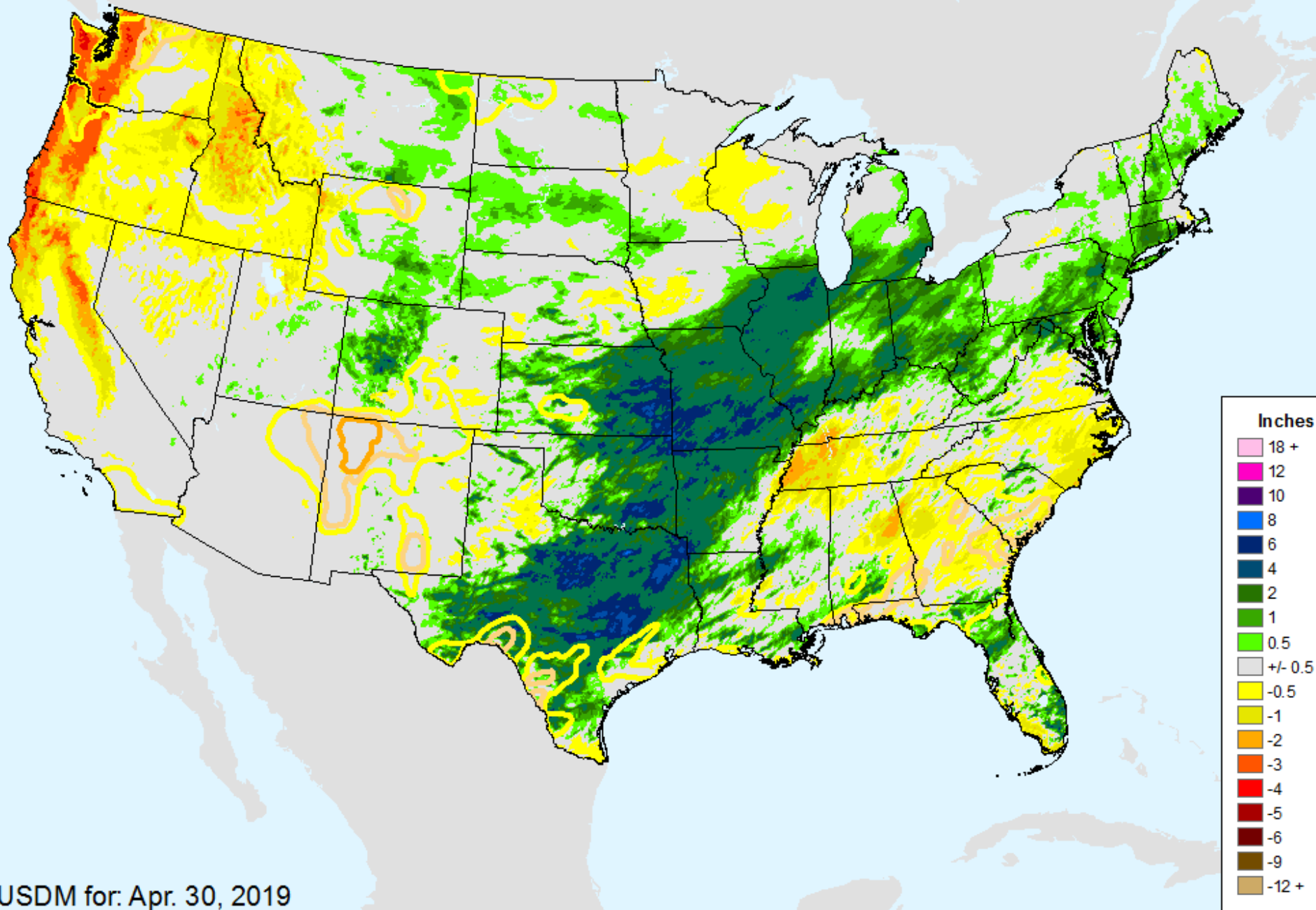
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

AHPS 14-Day Precip Departure

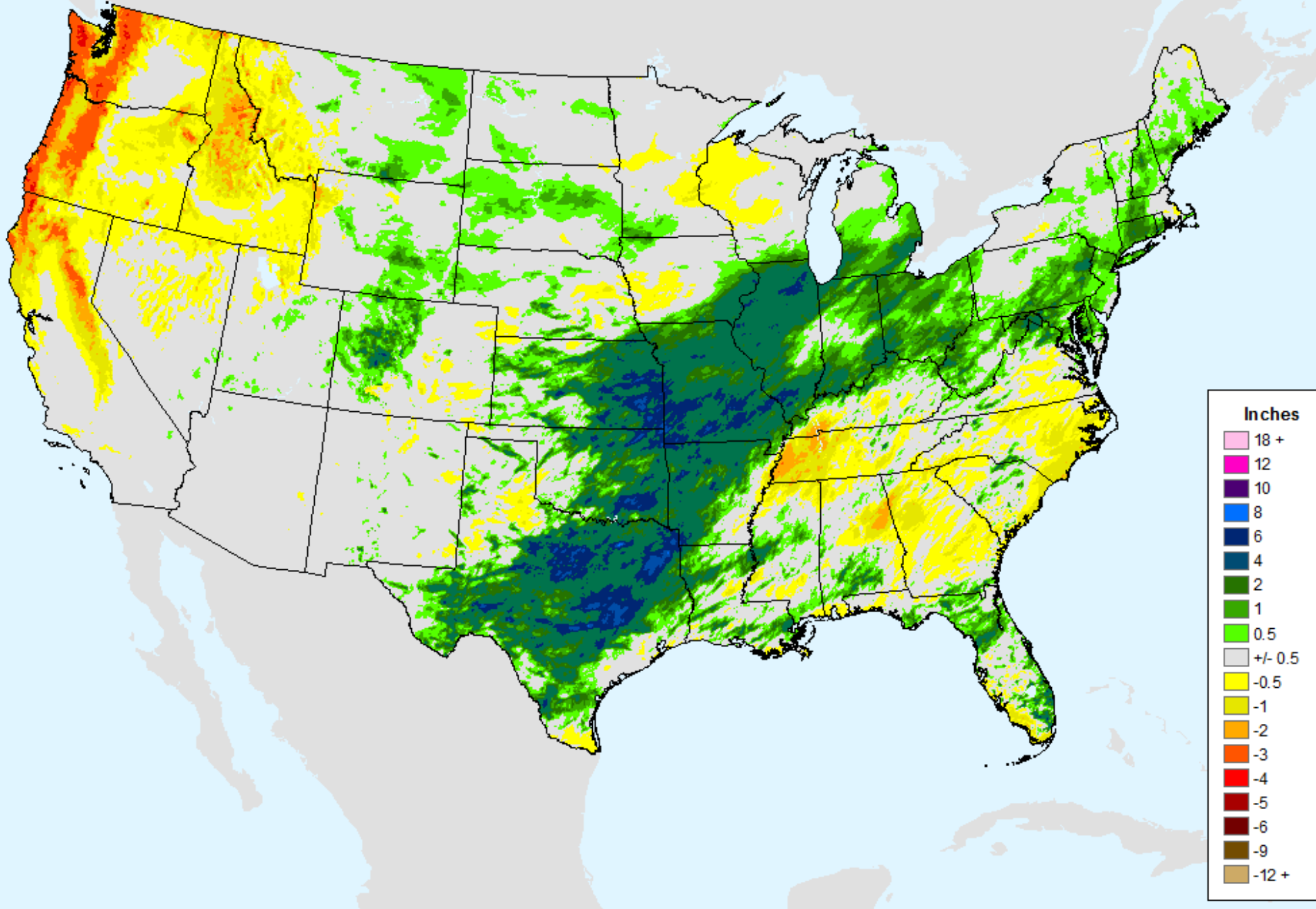
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

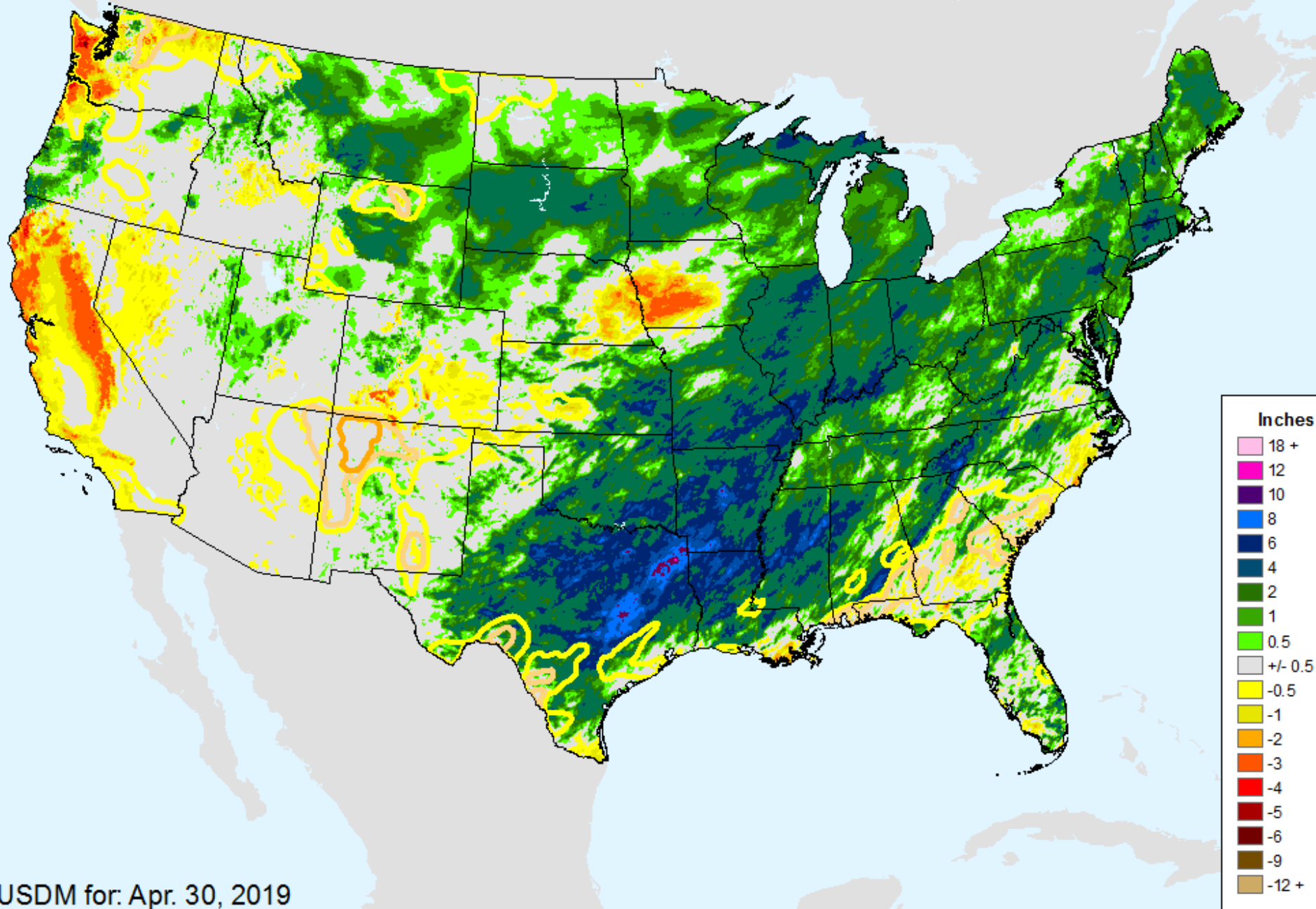
AHPS 14-Day Precip Departure

As of: Tuesday, May 7, 2019



AHPS 30-Day Precip Departure

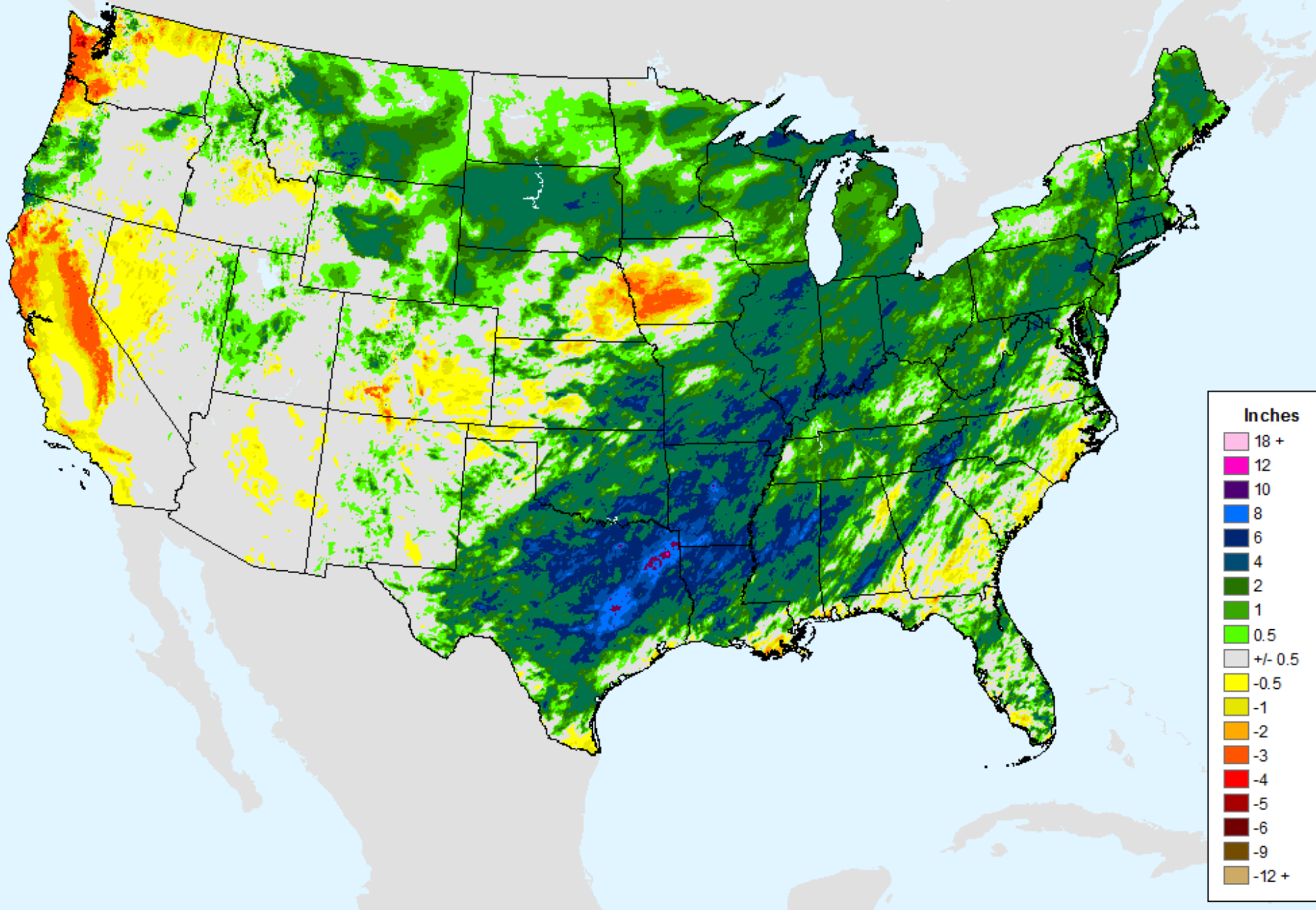
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

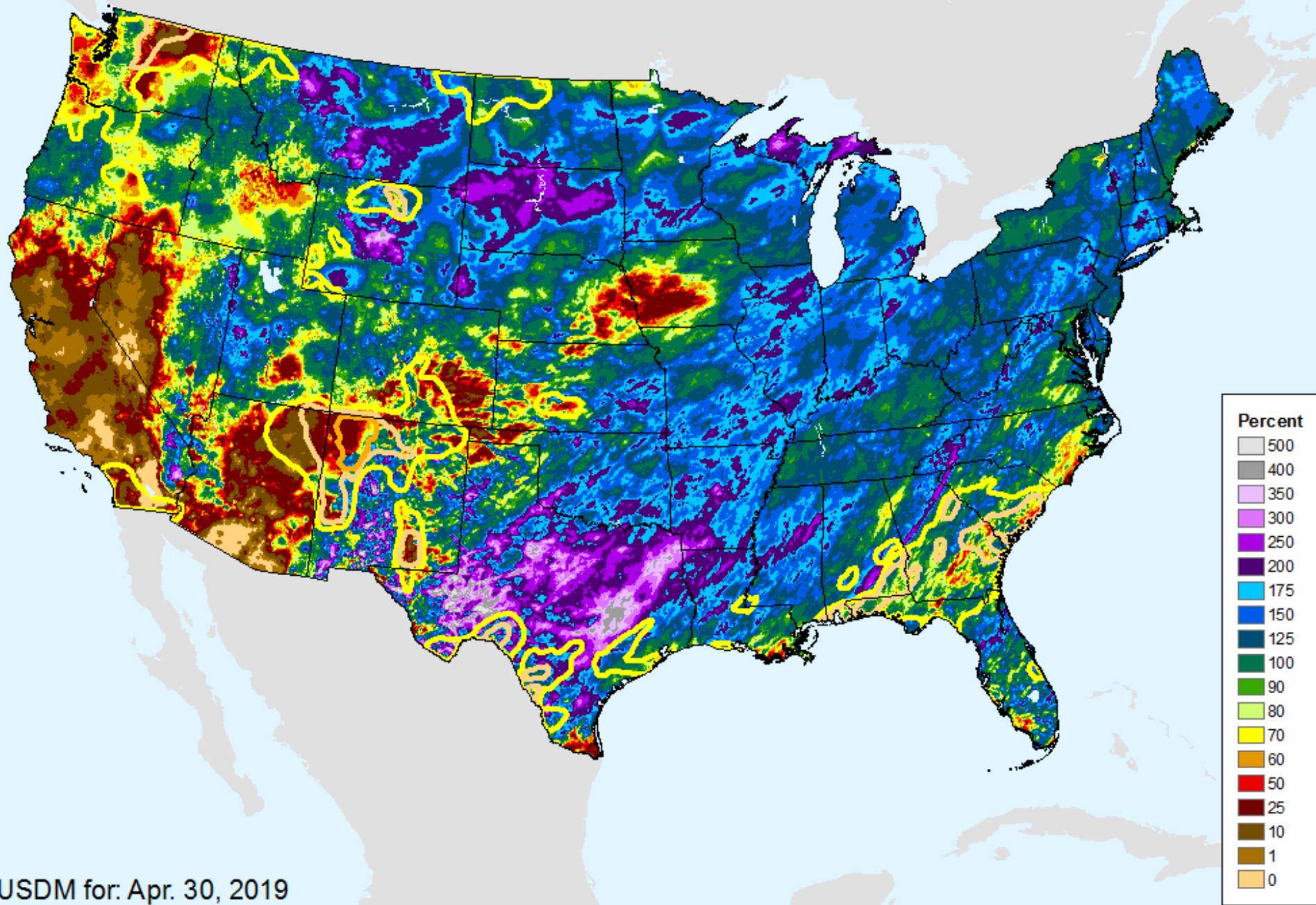
AHPS 30-Day Precip Departure

As of: Tuesday, May 7, 2019



AHPS 30-Day Pct of Normal Pcp

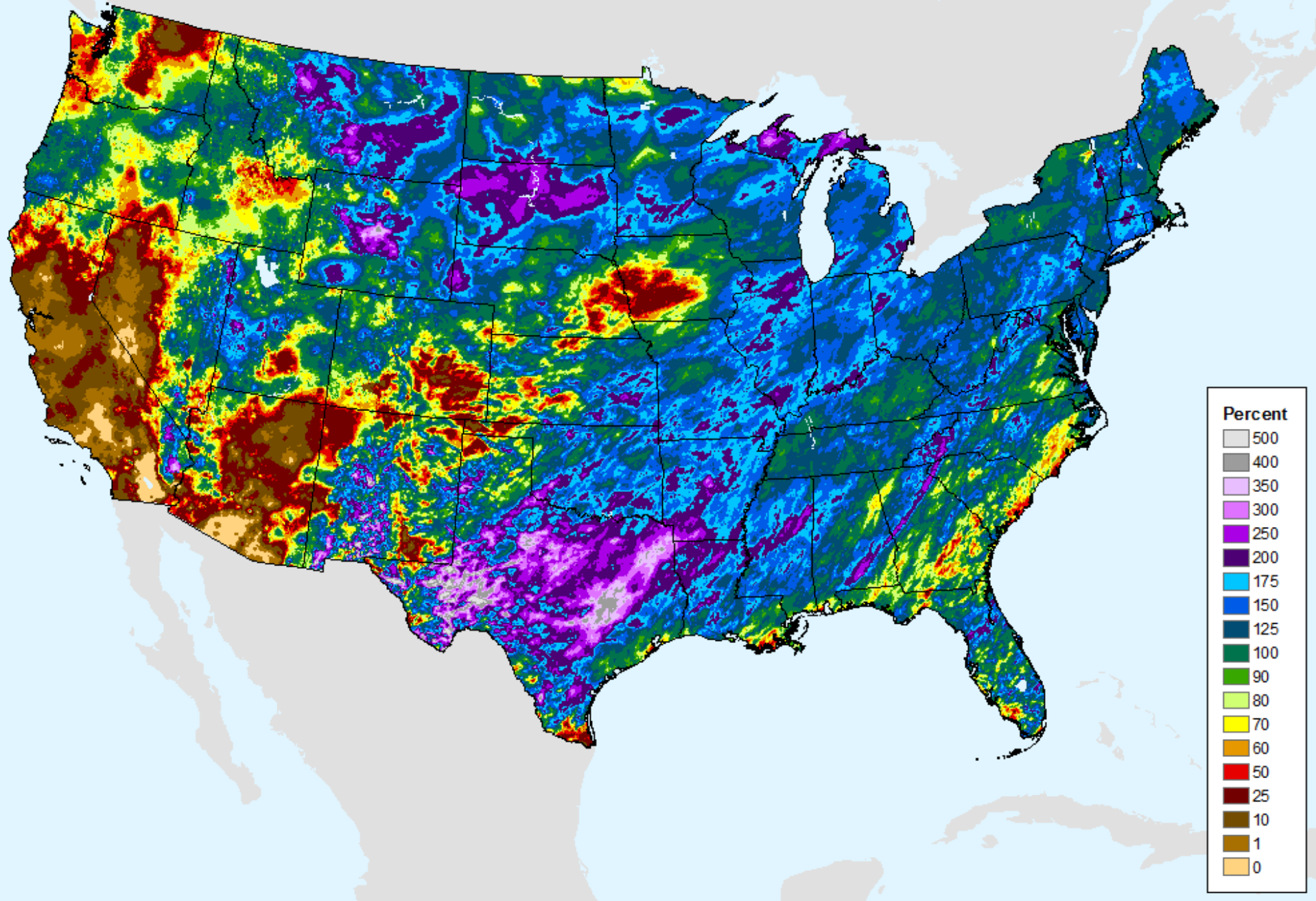
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

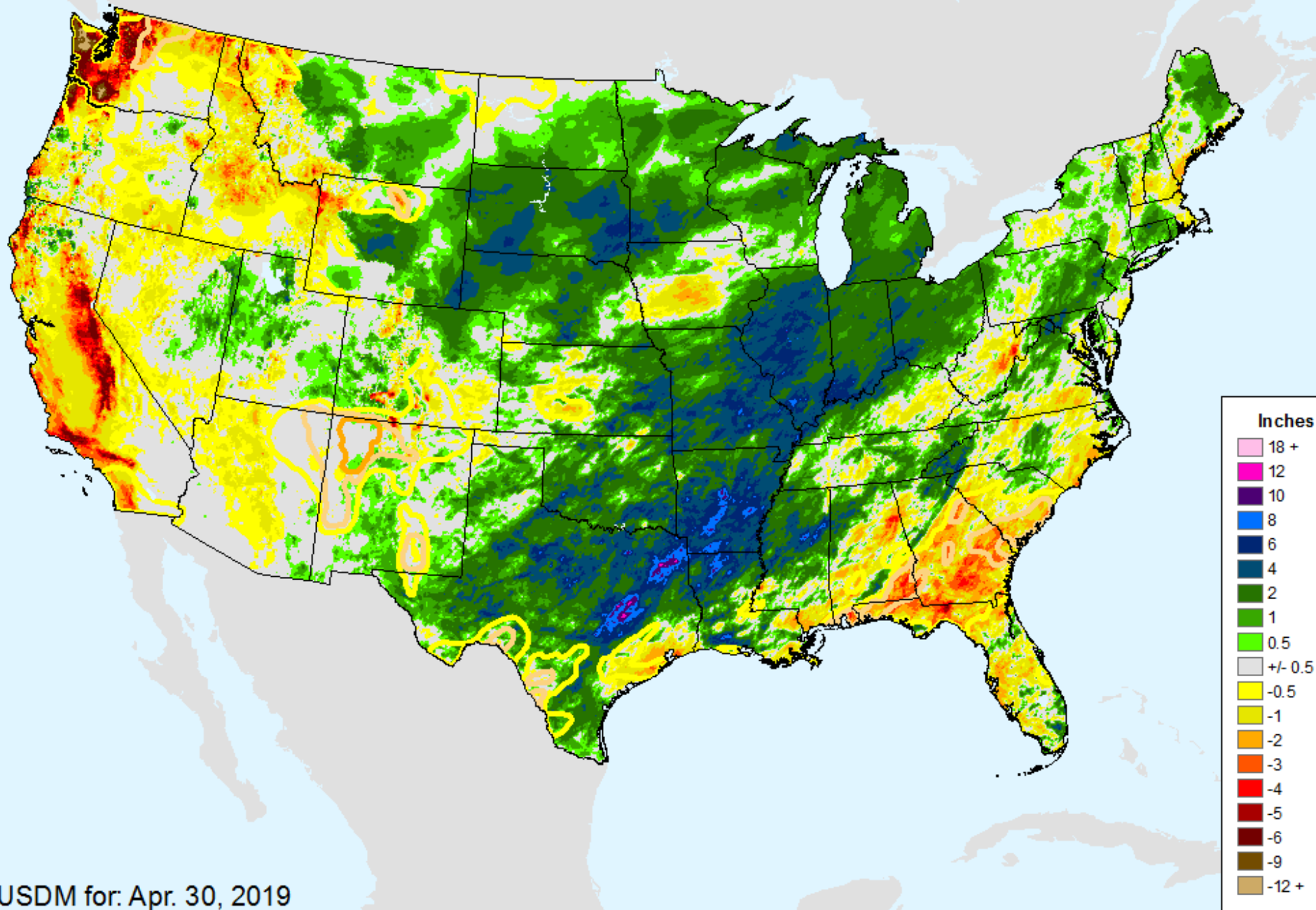
AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, May 7, 2019



AHPS 60-Day Precip Departure

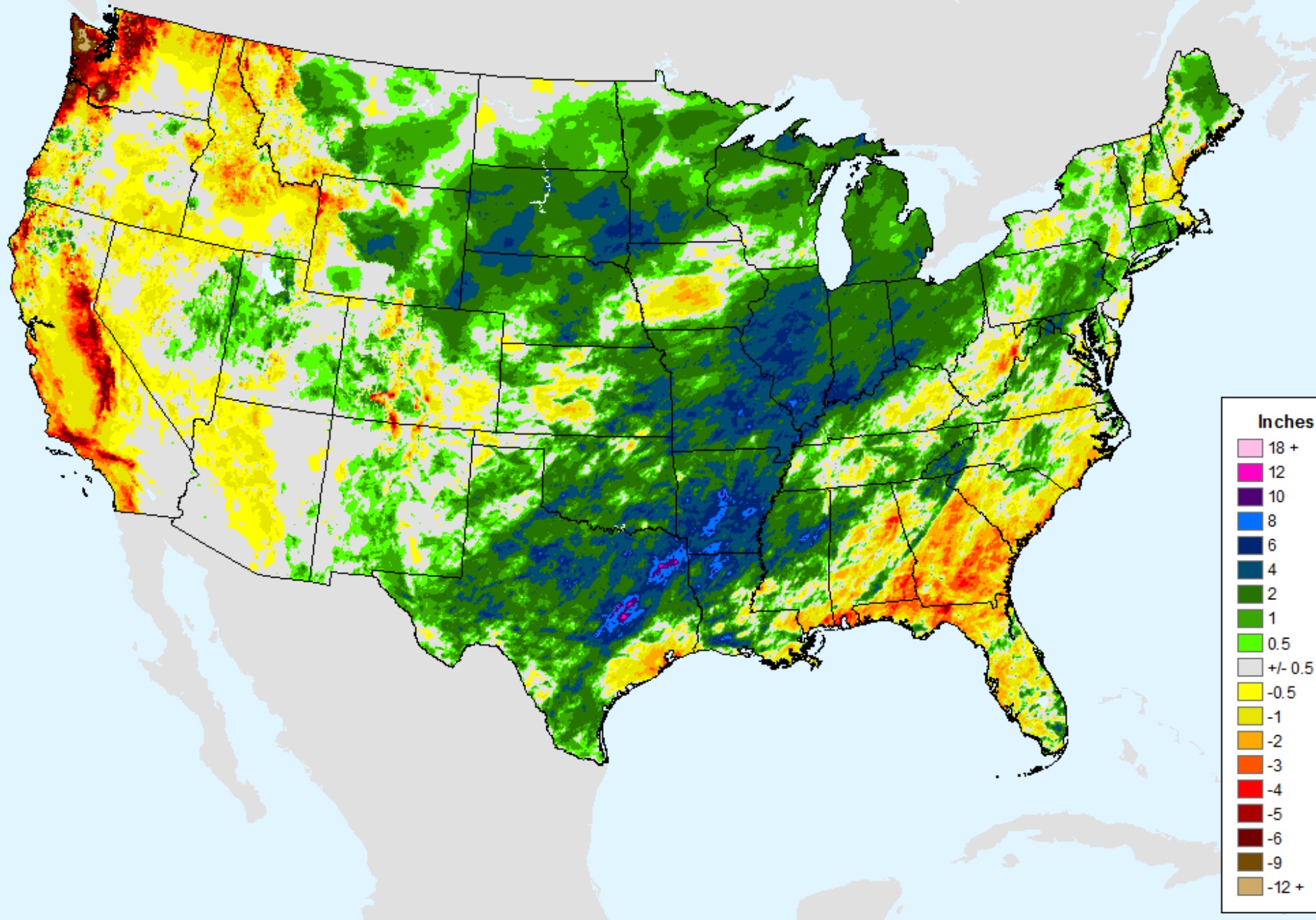
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

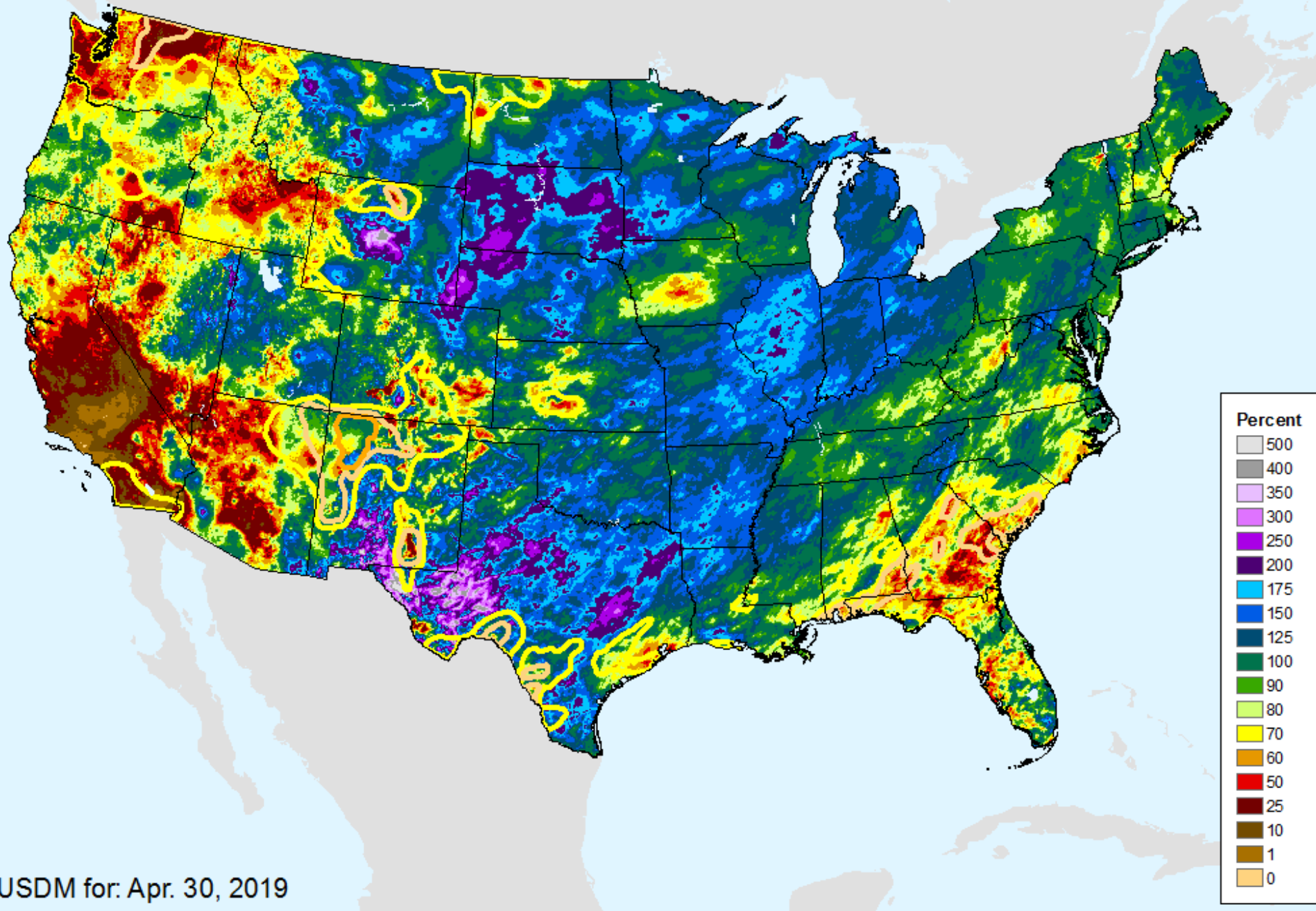
AHPS 60-Day Precip Departure

As of: Tuesday, May 7, 2019



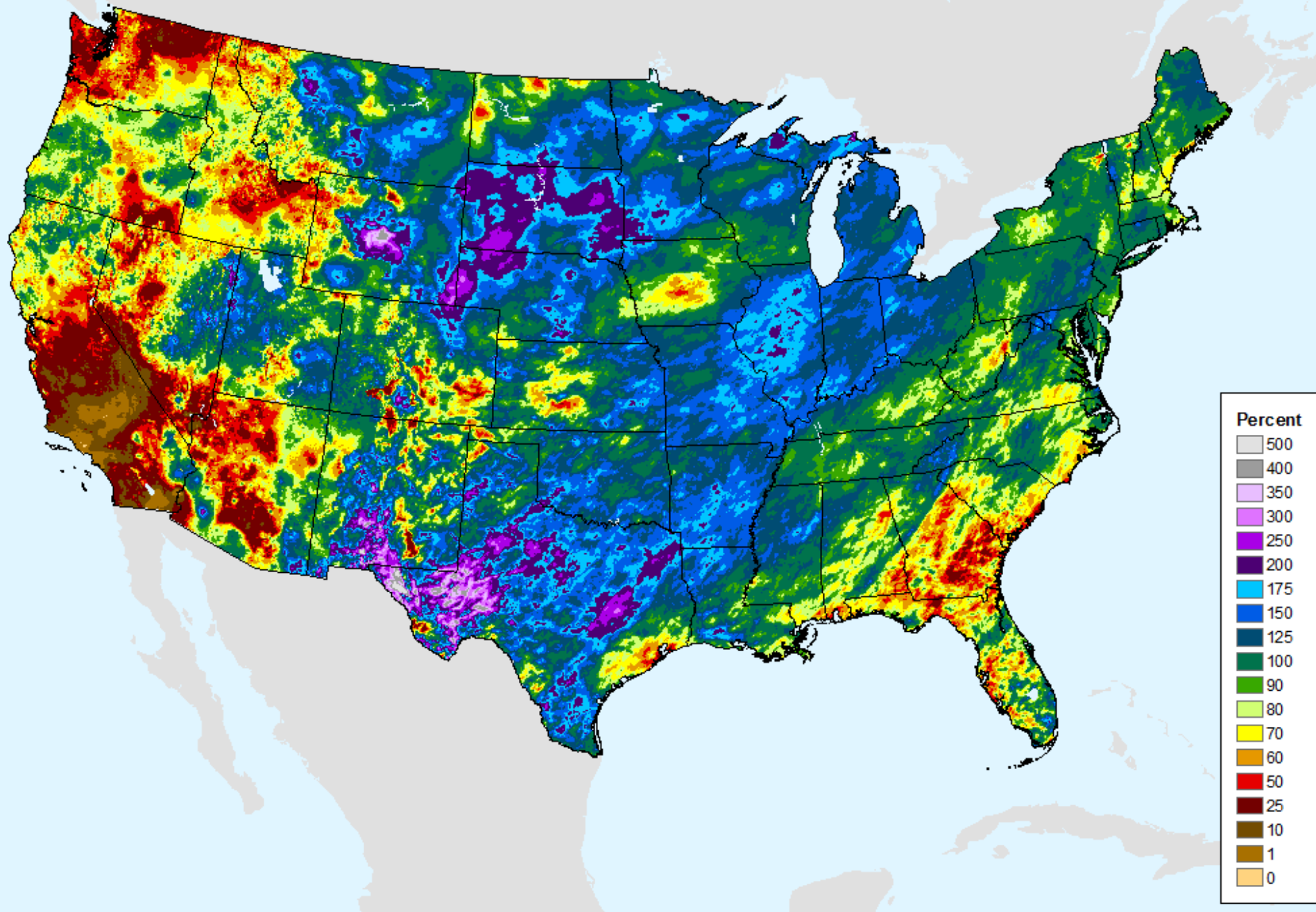
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, May 7, 2019



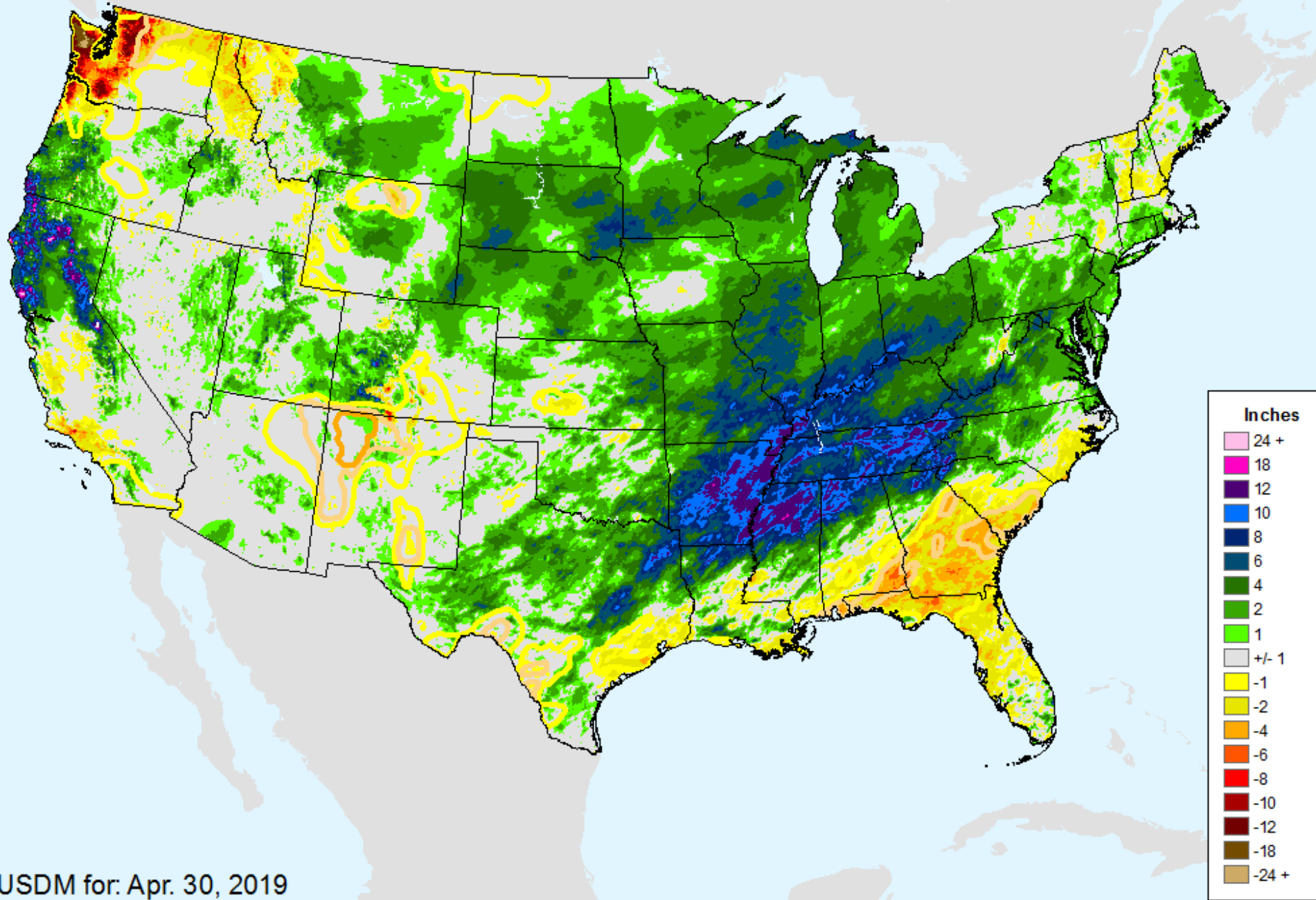
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, May 7, 2019



AHPS 90-Day Precip Departure

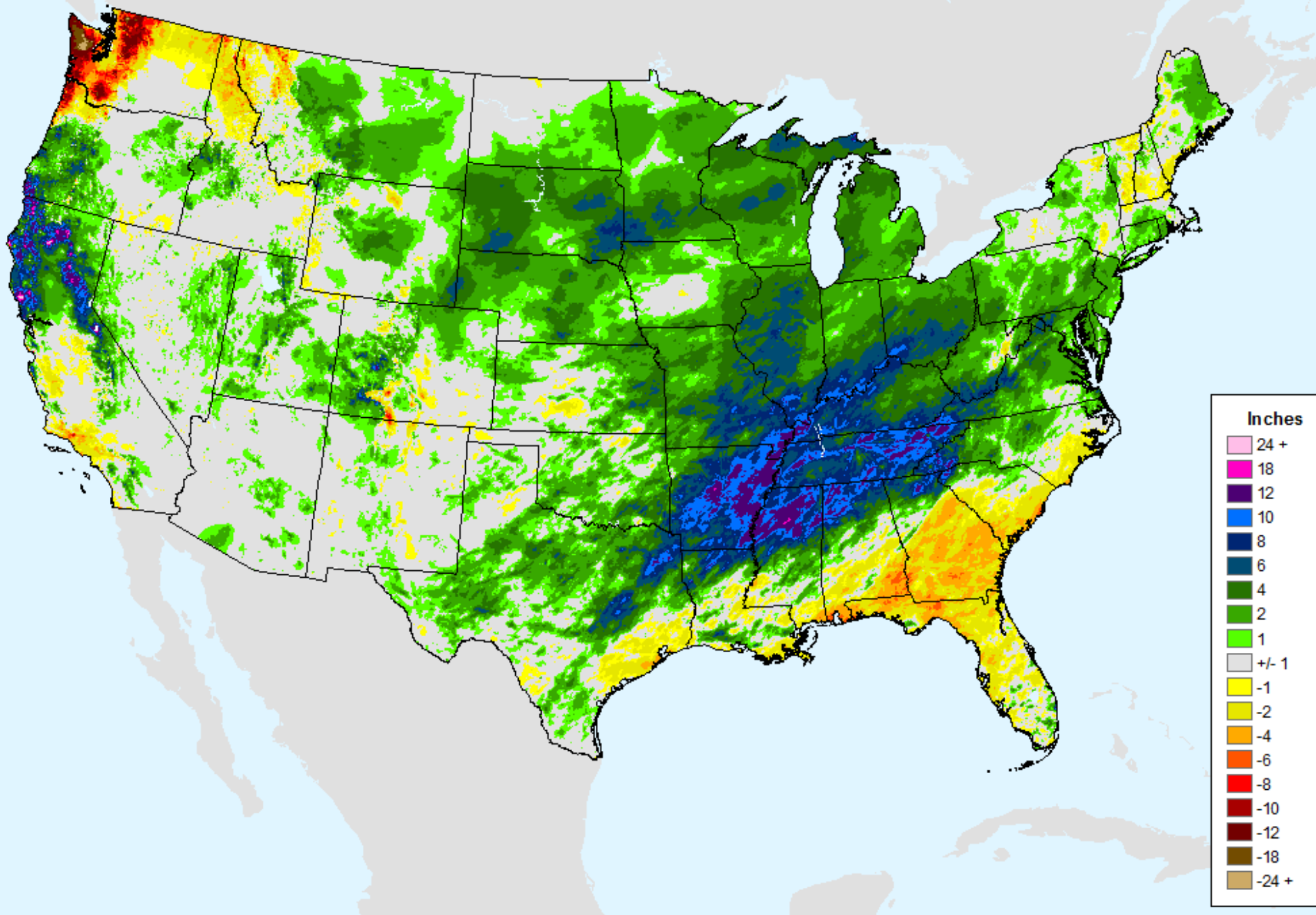
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

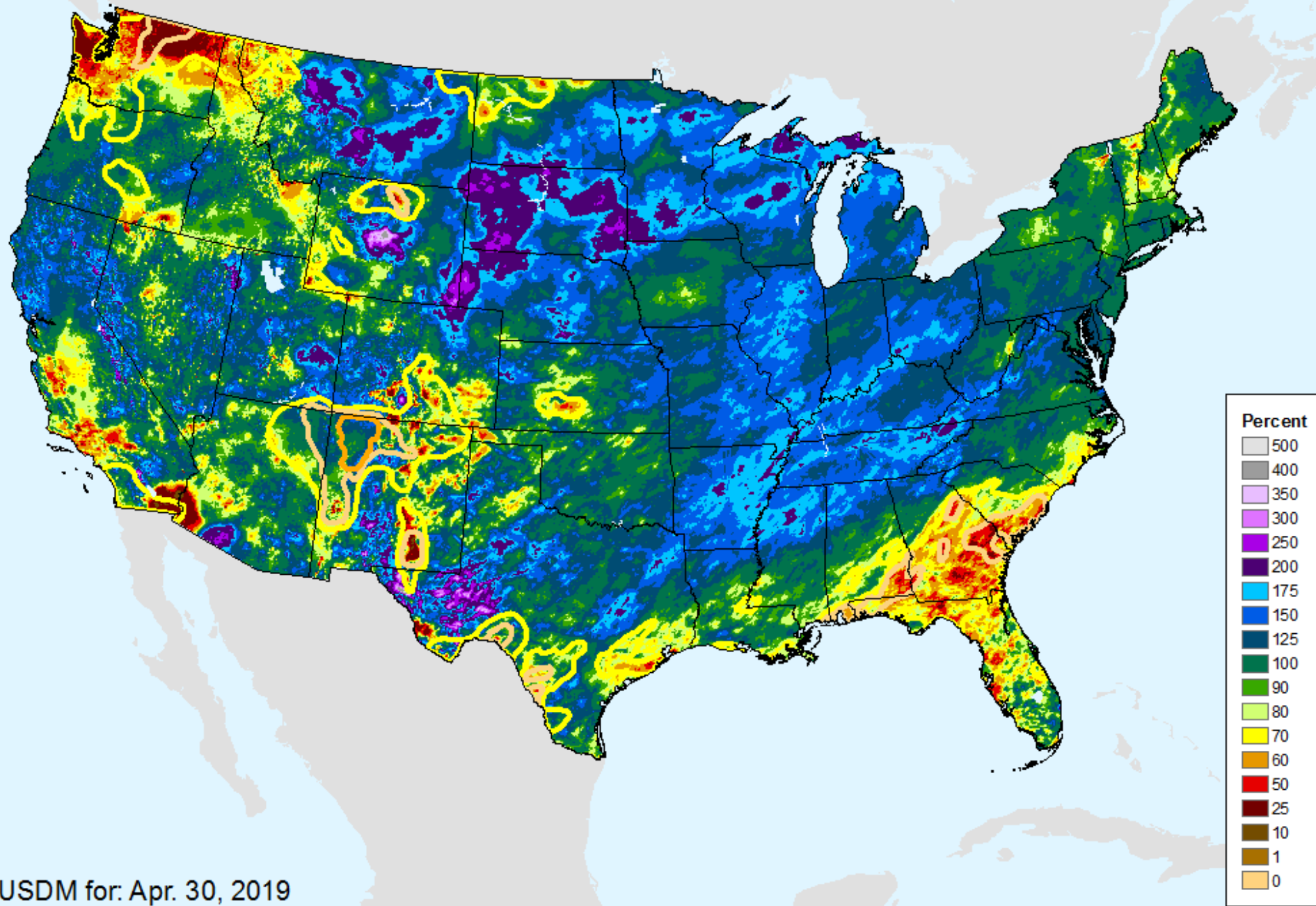
AHPS 90-Day Precip Departure

As of: Tuesday, May 7, 2019



AHPS 90-Day Pct of Normal Pcp

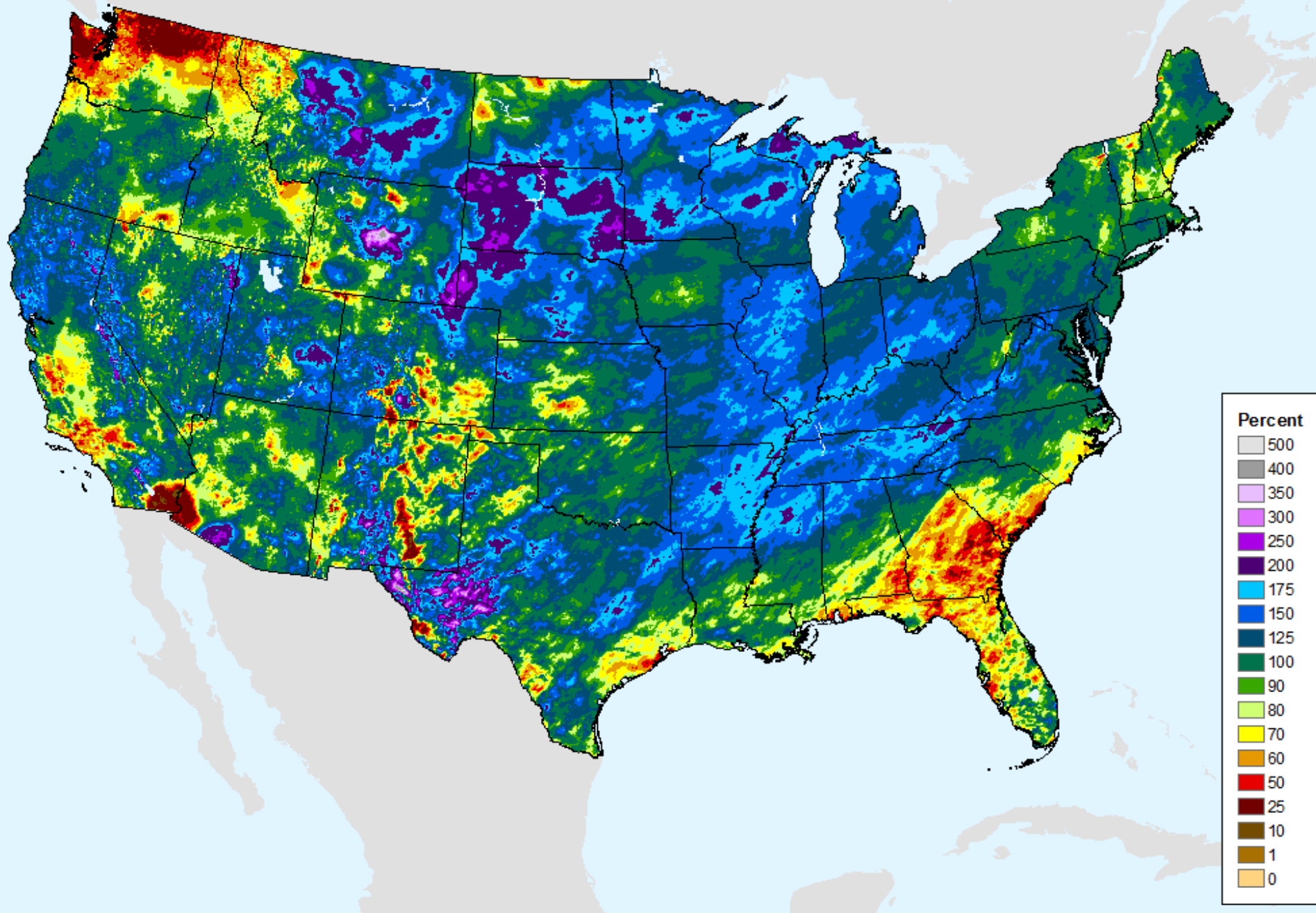
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

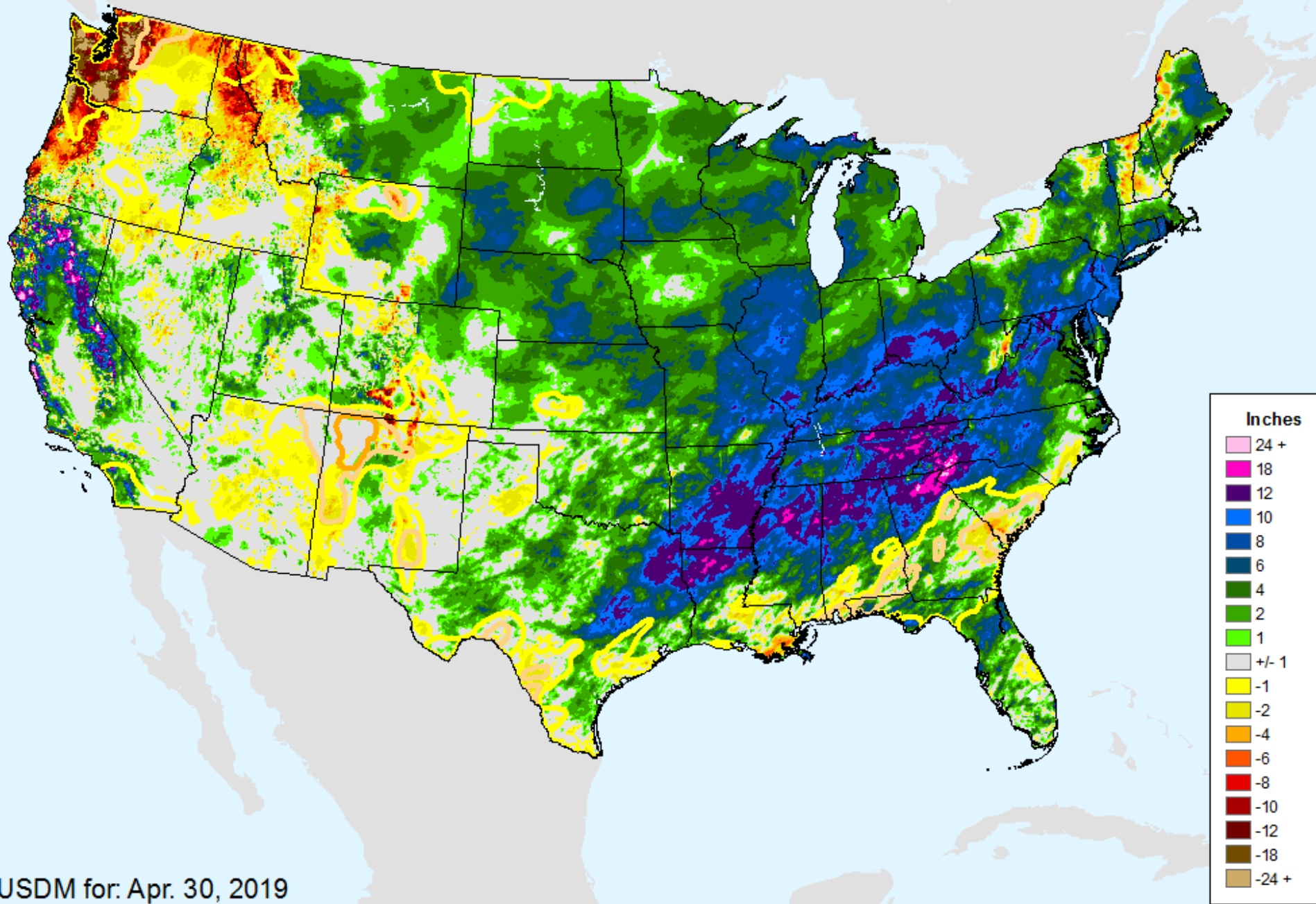
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, May 7, 2019



AHPS 180-Day Precip Departure

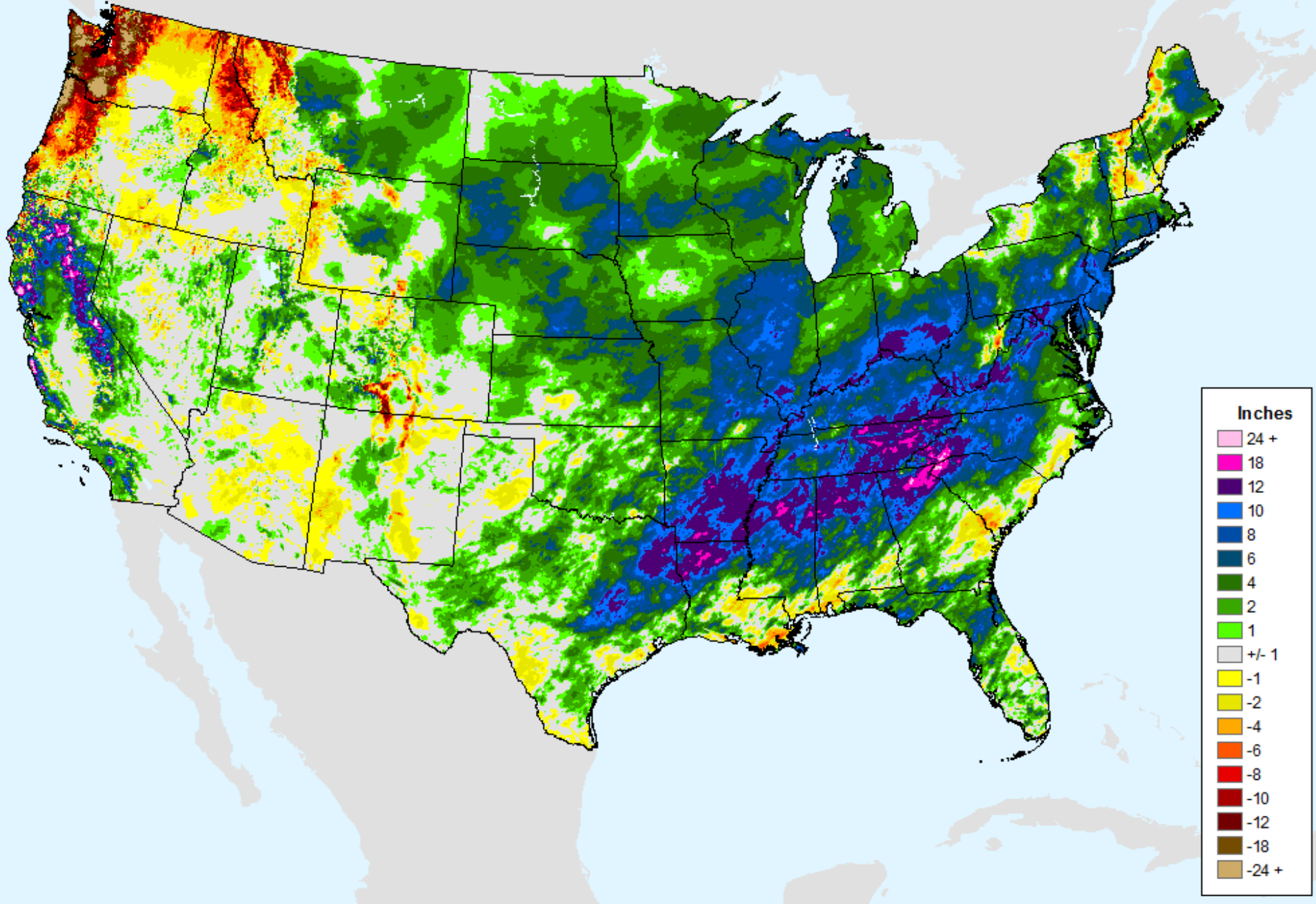
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

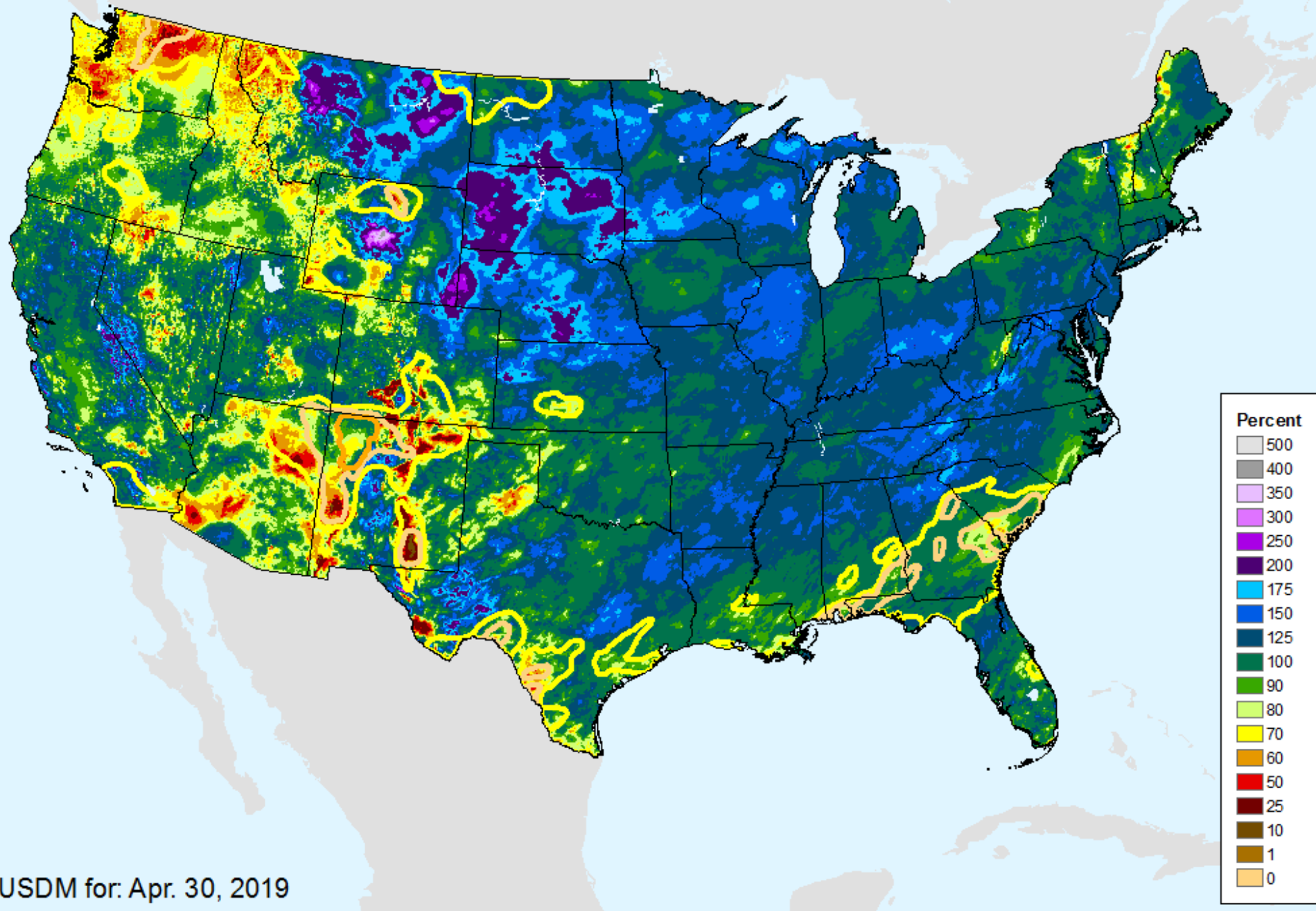
AHPS 180-Day Precip Departure

As of: Tuesday, May 7, 2019



AHPS 180-Day Pct of Normal Pcp

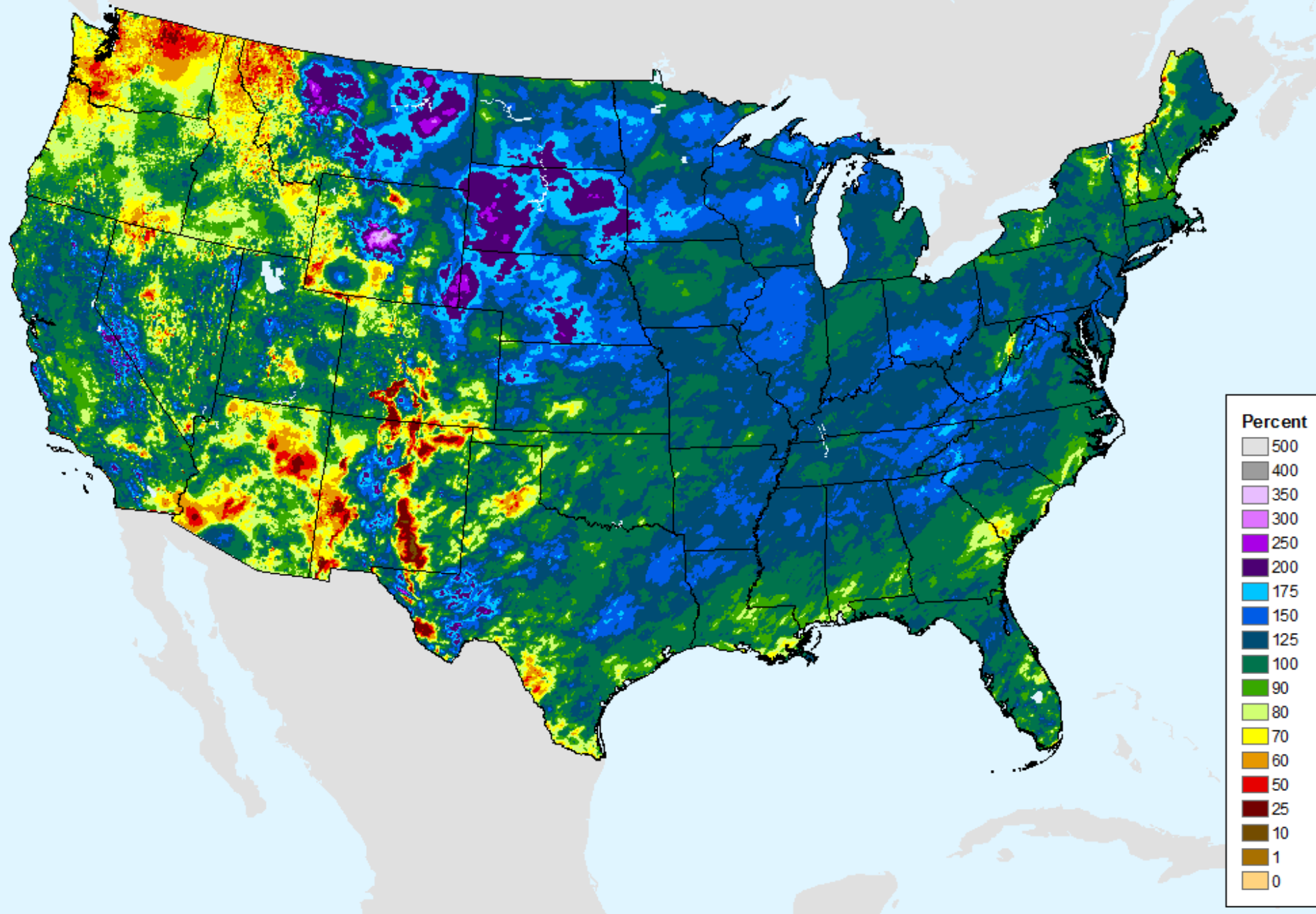
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

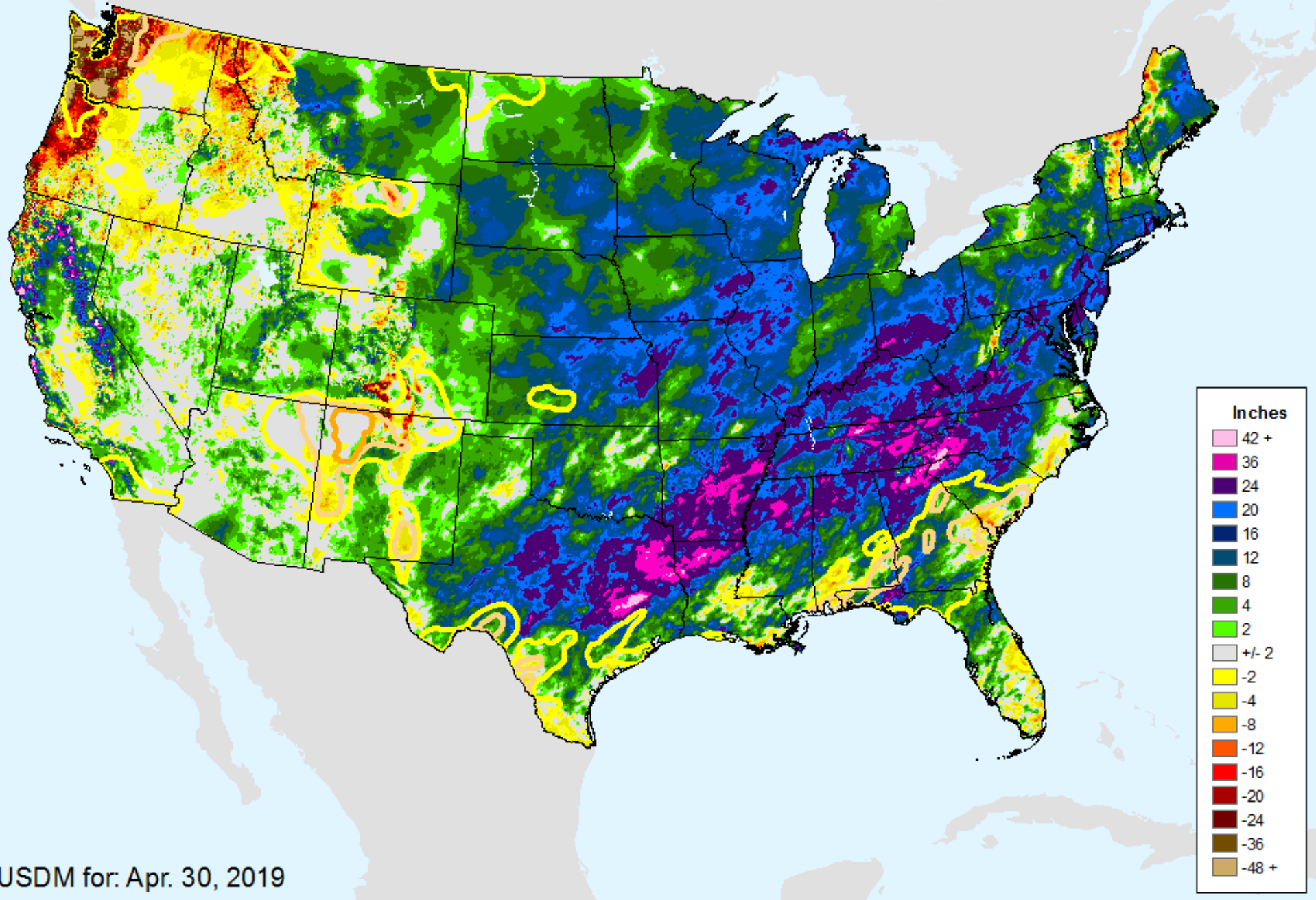
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, May 7, 2019



AHPS Water-Year Precip Departure

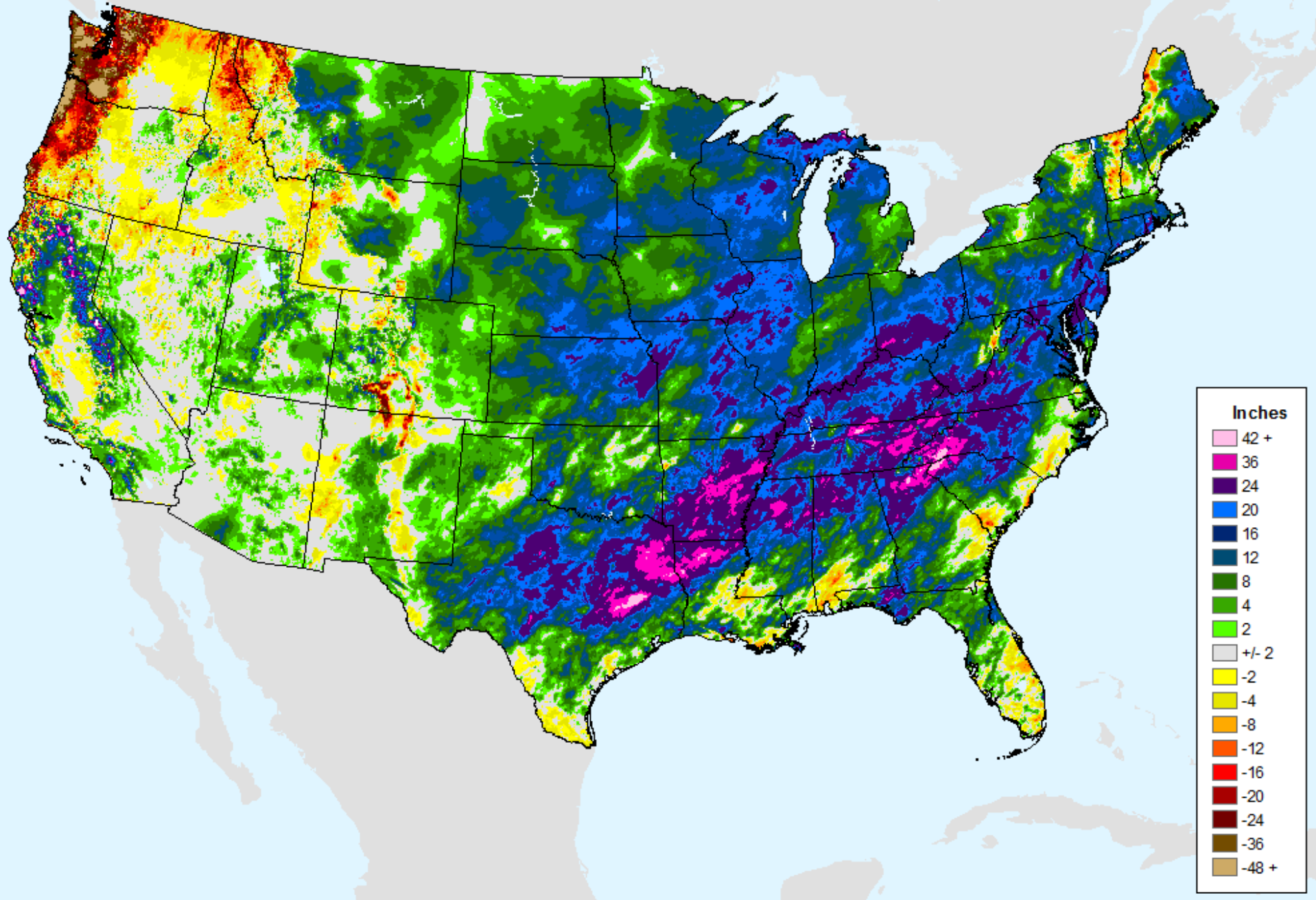
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

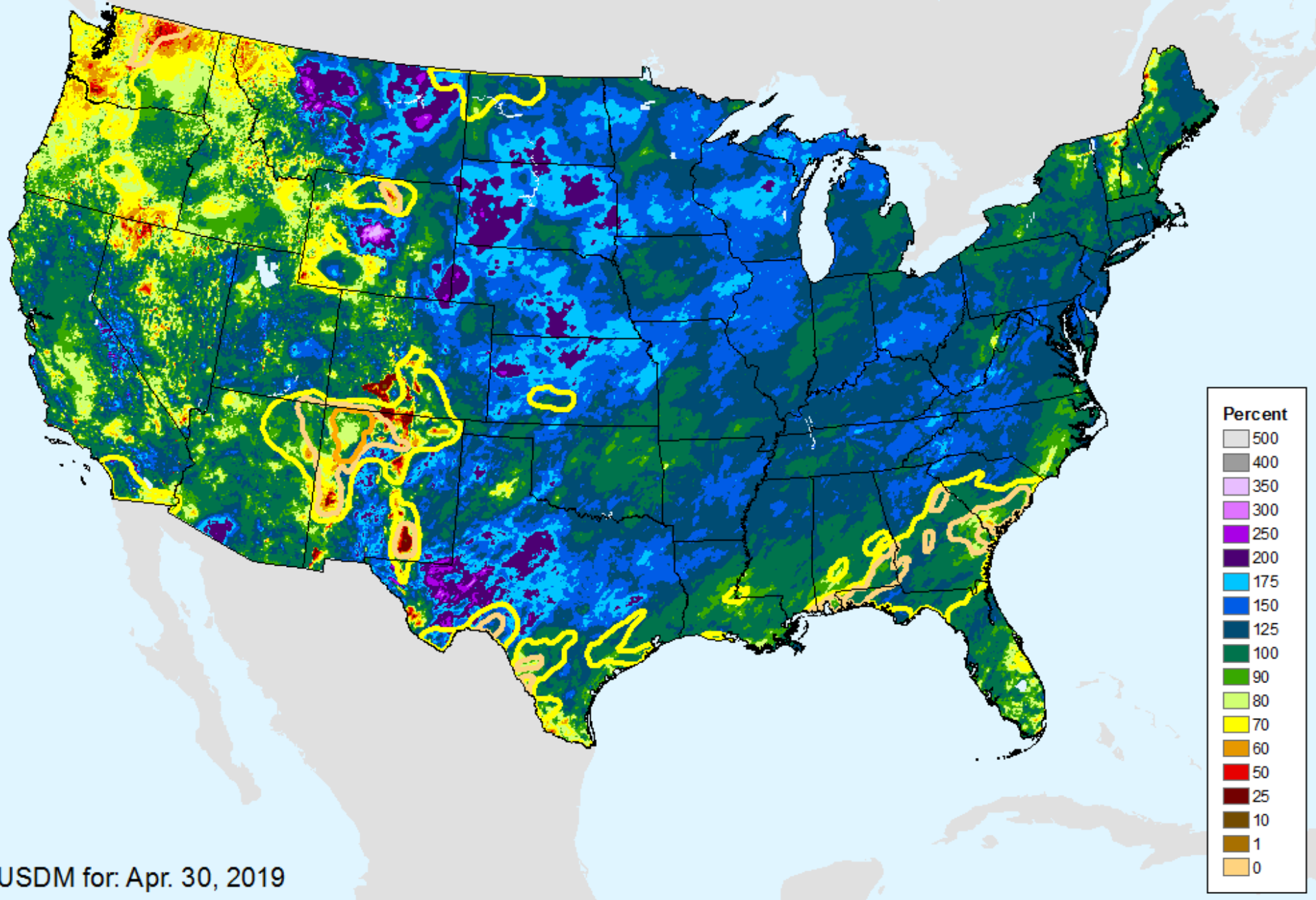
AHPS Water-Year Precip Departure

As of: Tuesday, May 7, 2019



AHPS Water-Year Pct of Normal Pcp

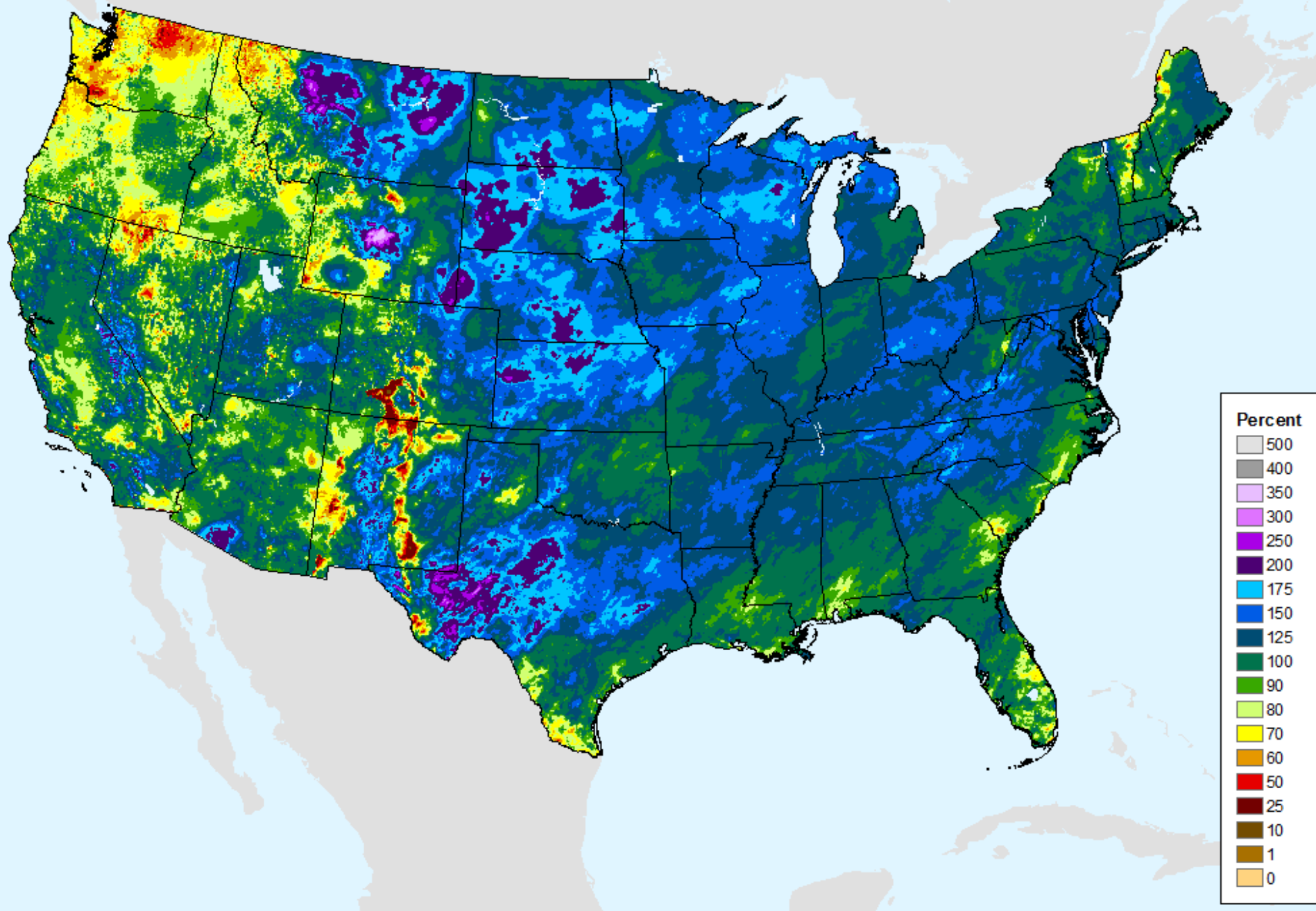
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

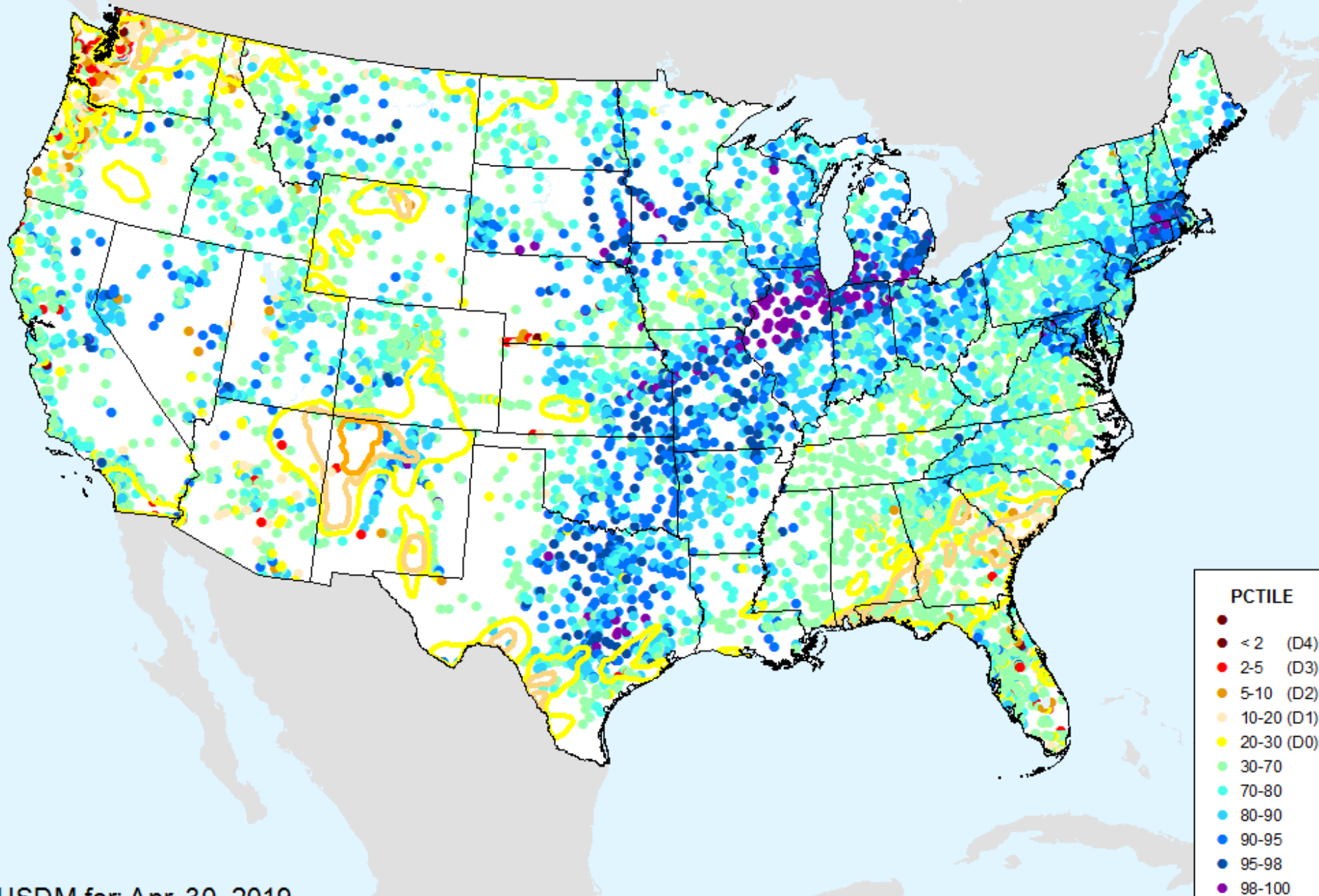
AHPS Water-Year Pct of Normal Pcp

As of: Tuesday, May 7, 2019



USGS 7-Day Avg Streamflow

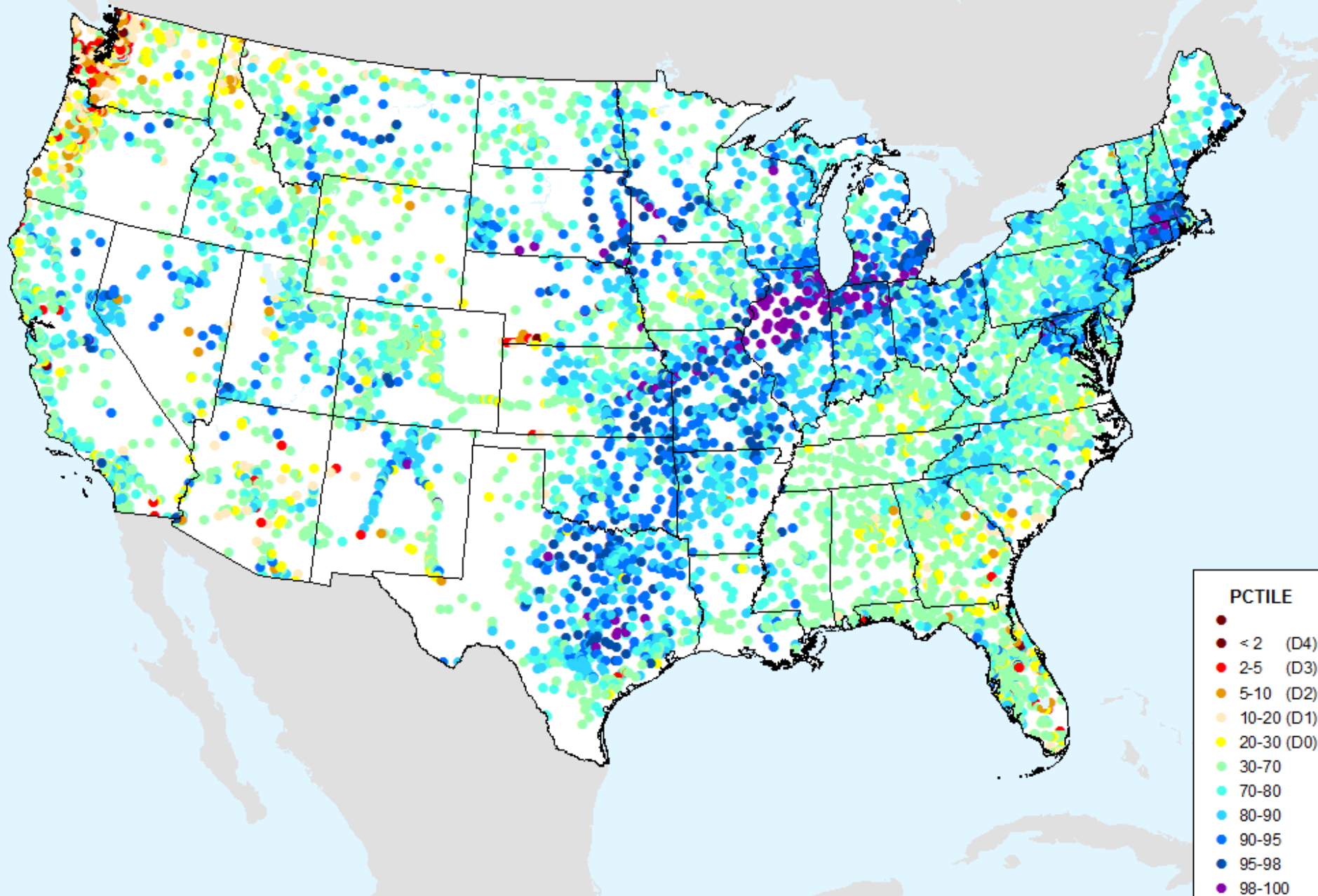
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

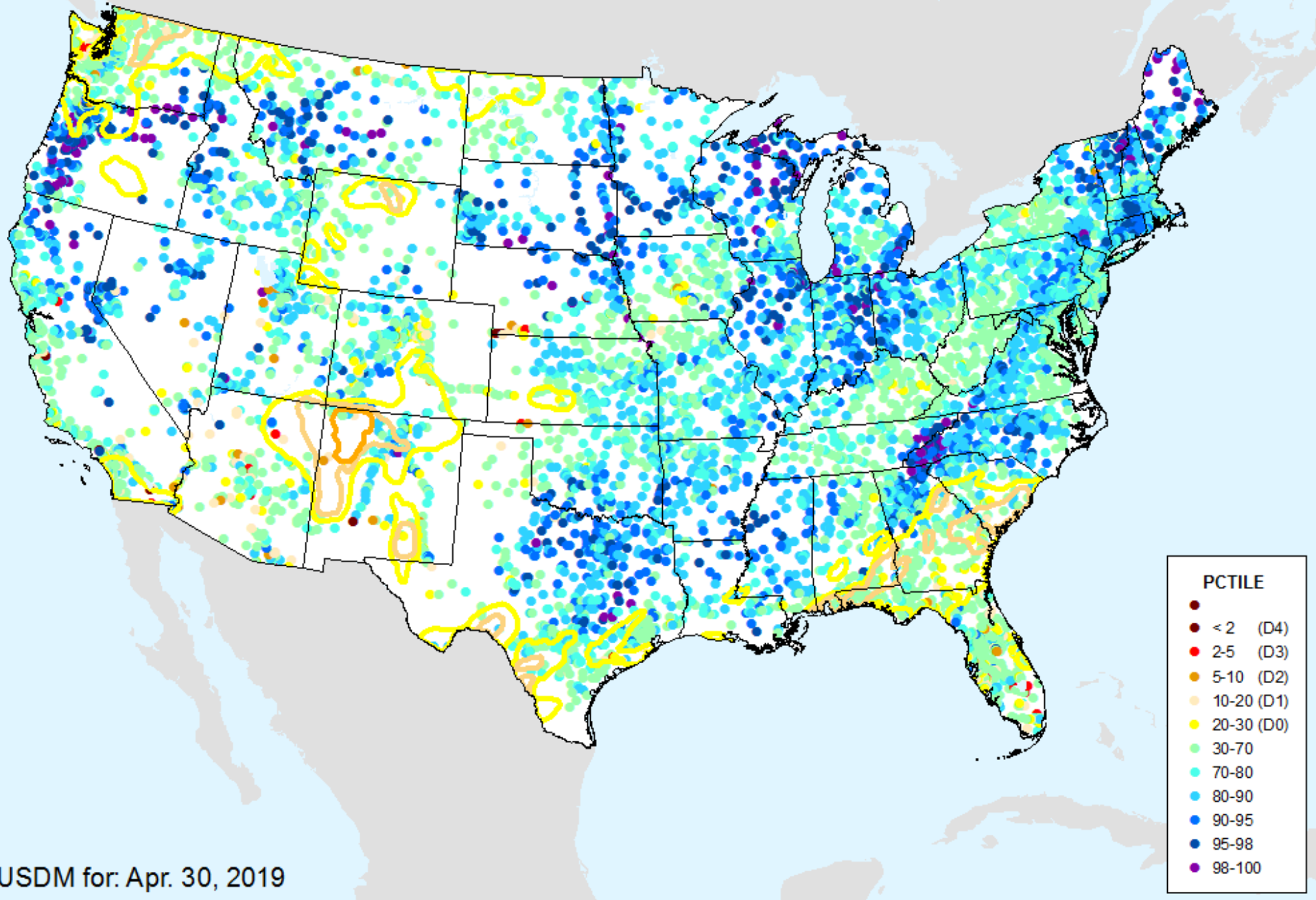
USGS 7-Day Avg Streamflow

As of: Tuesday, May 7, 2019



USGS 28-Day Avg Streamflow

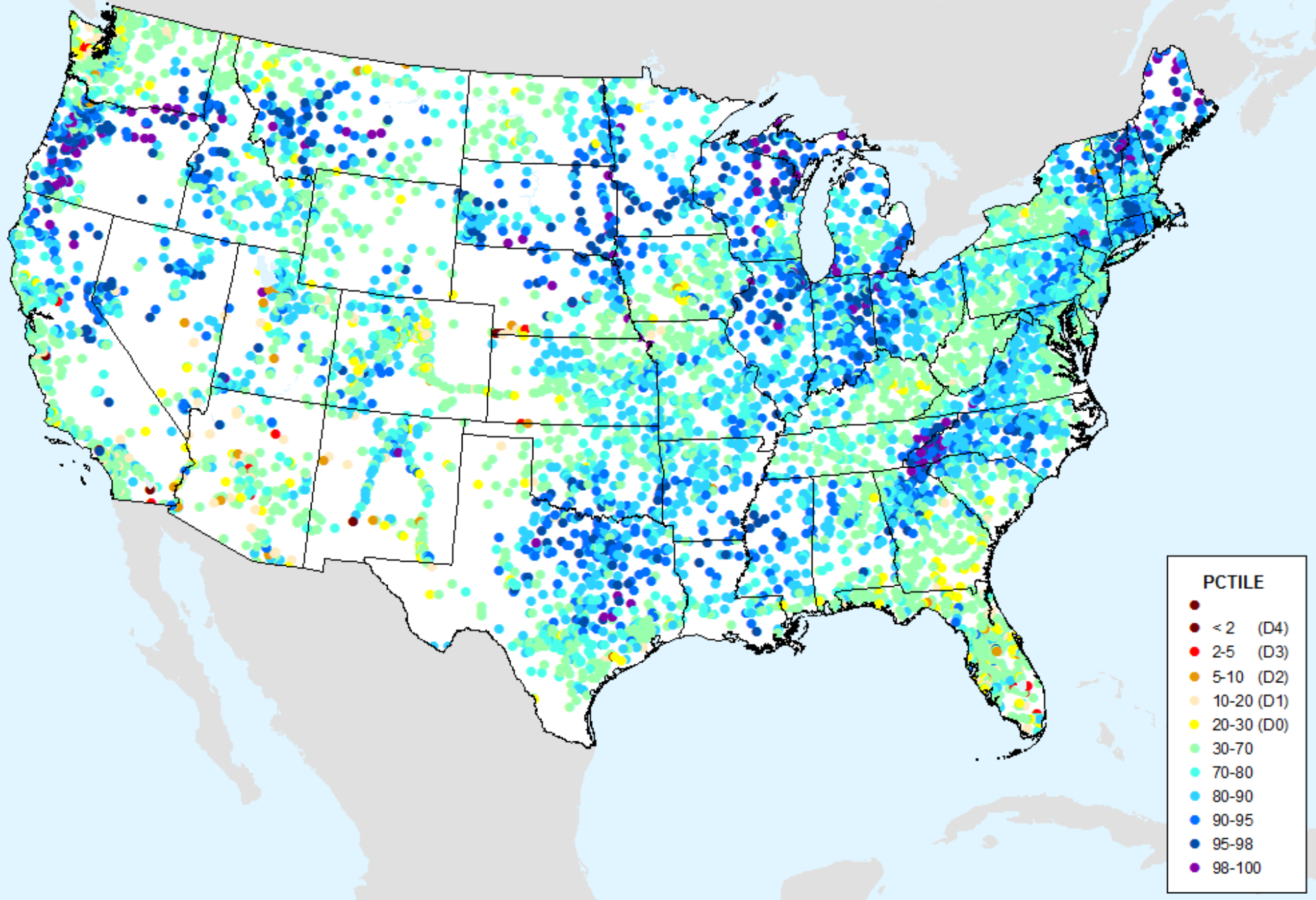
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

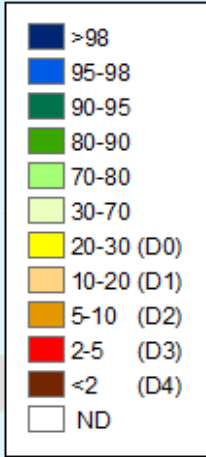
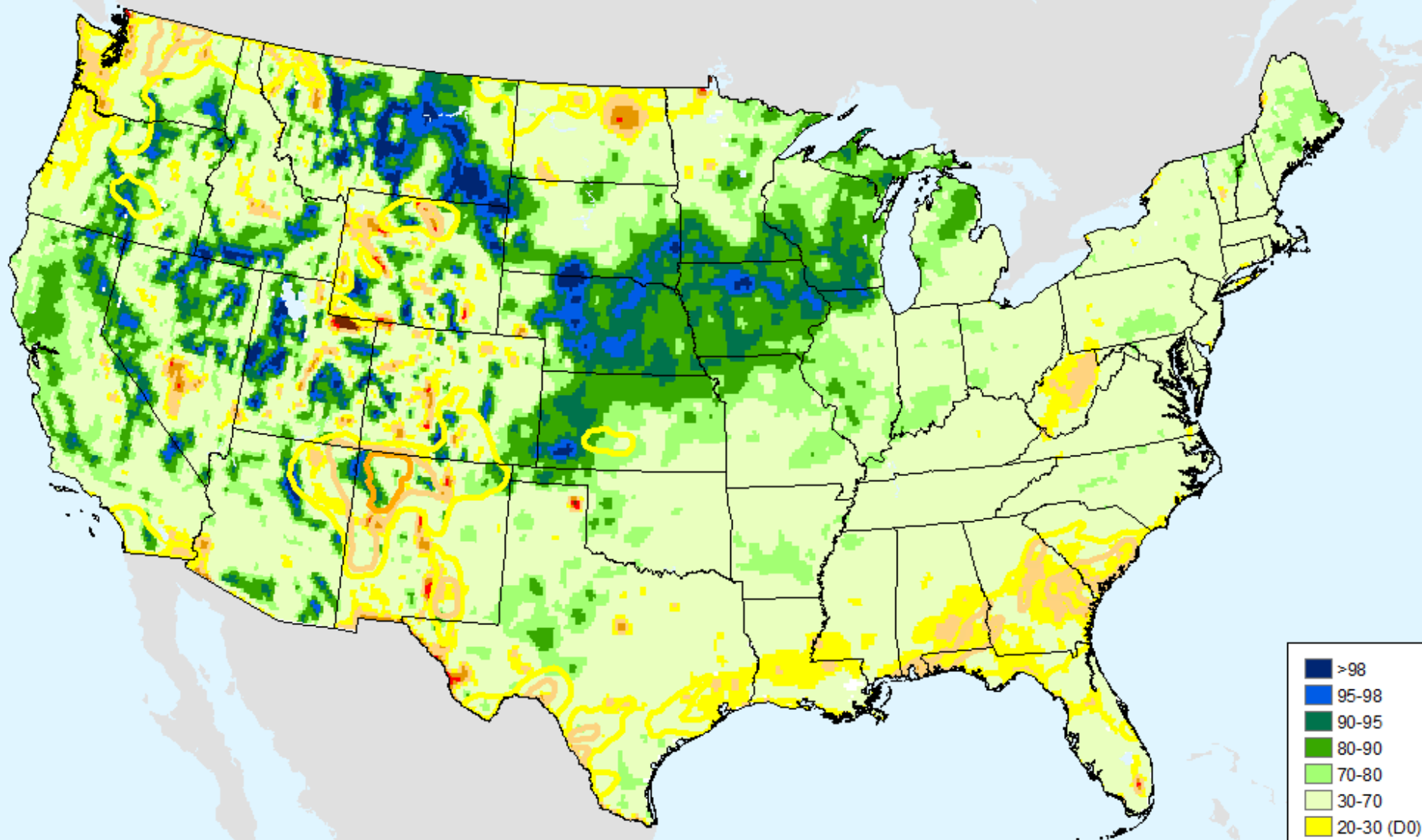
USGS 28-Day Avg Streamflow

As of: Tuesday, May 7, 2019



NLDAS Top 1m Soil Moisture

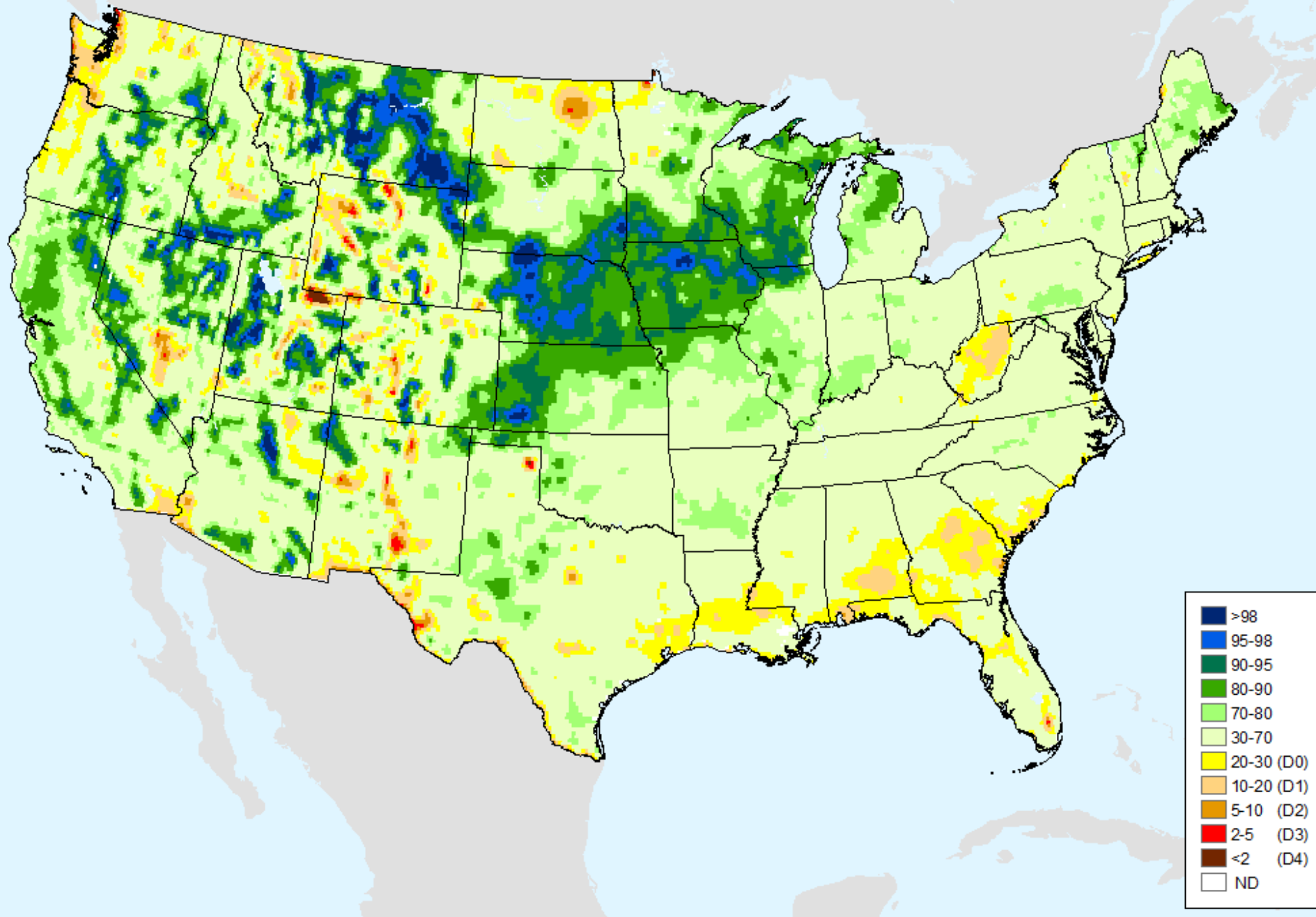
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

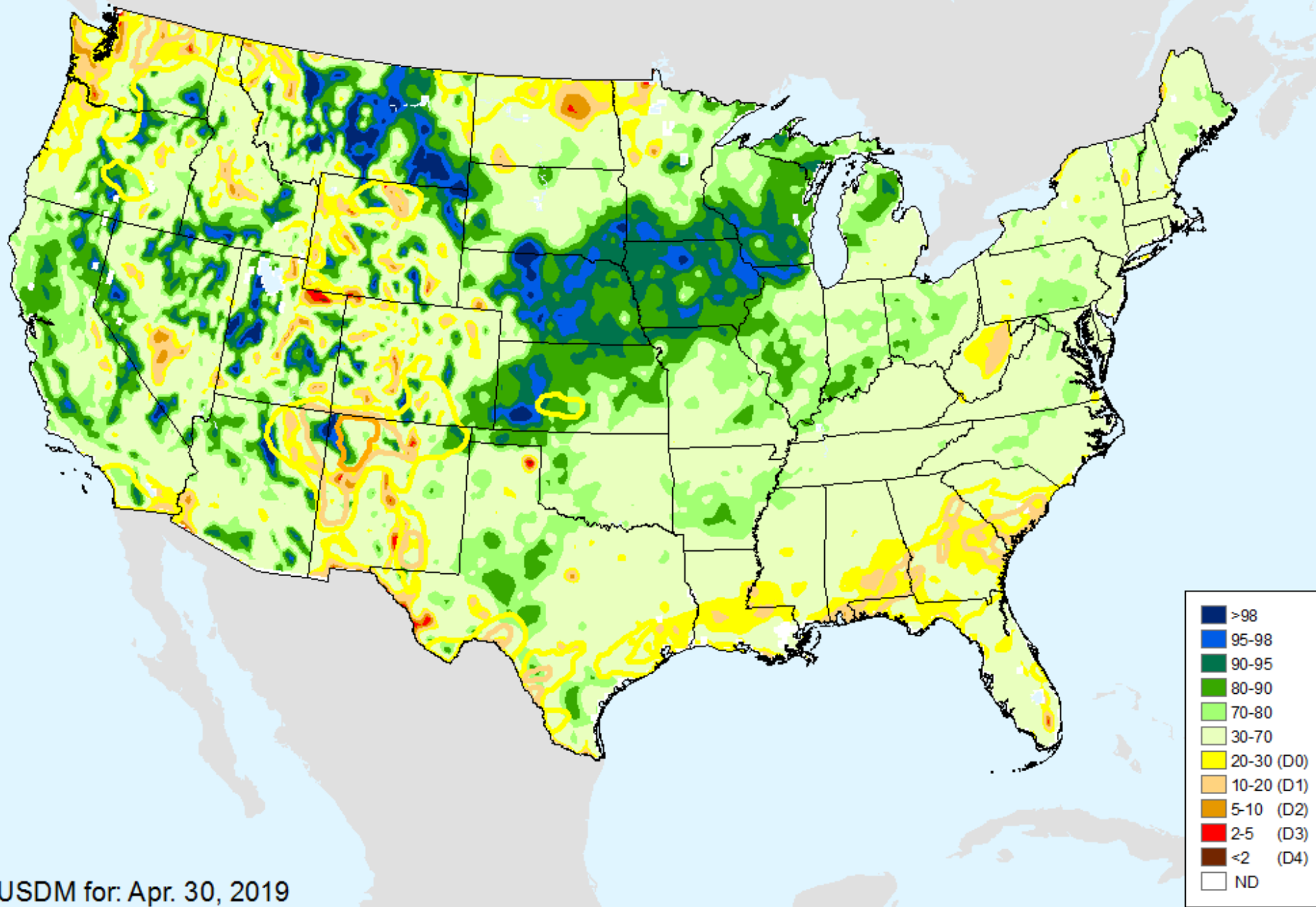
NLDAS Top 1m Soil Moisture

As of: Tuesday, May 7, 2019



NLDAS Total Column Soil Moisture

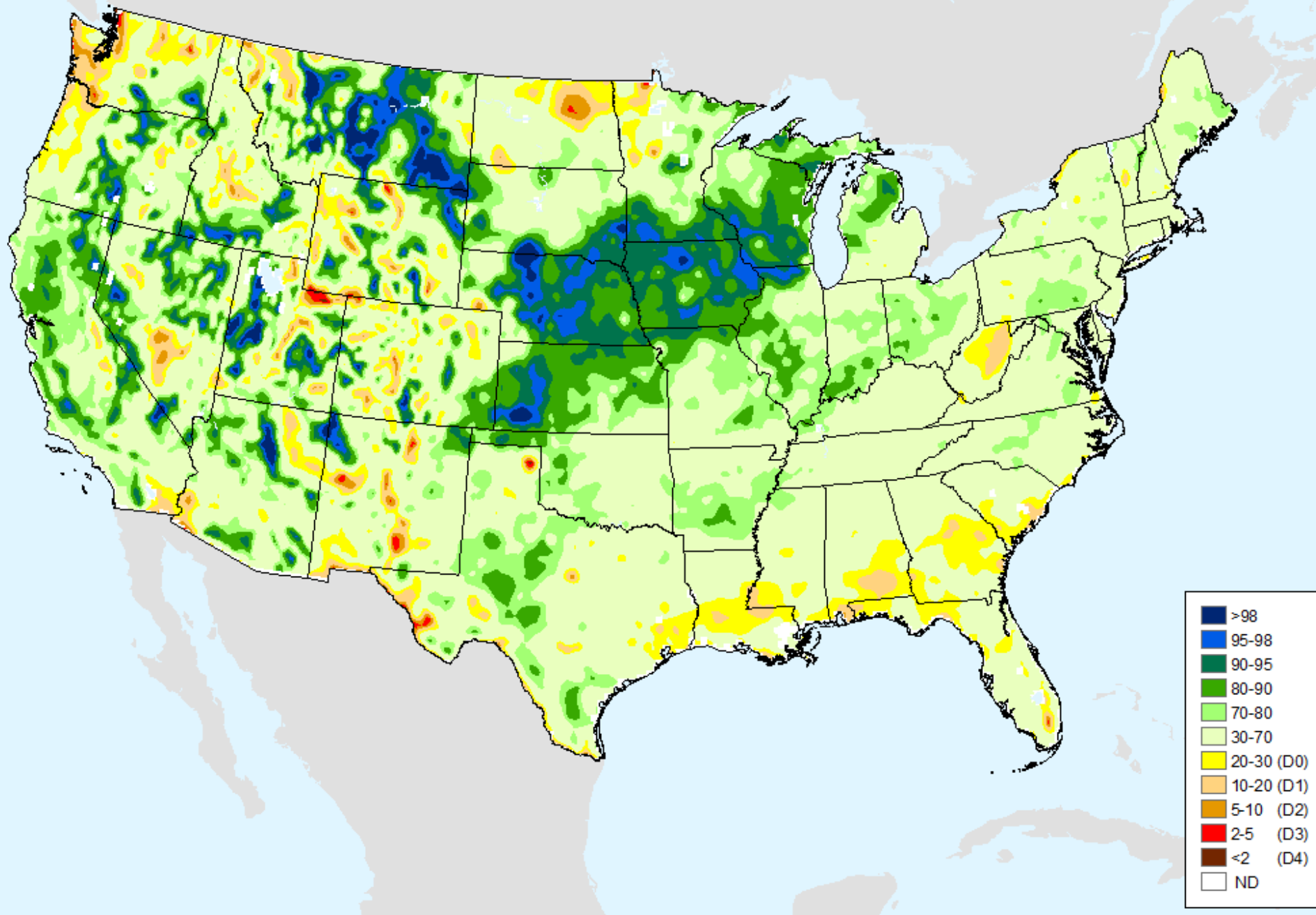
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

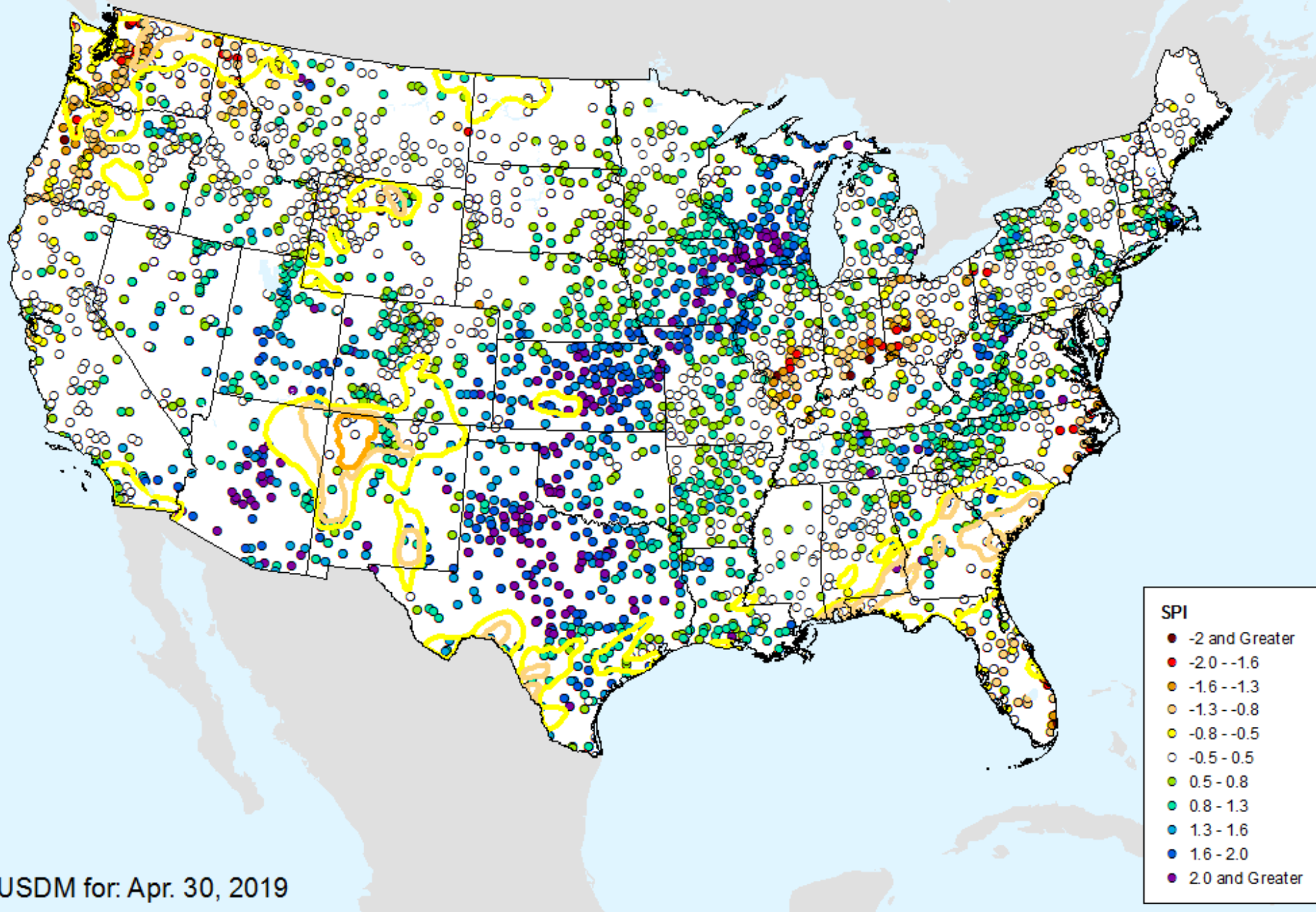
NLDAS Total Column Soil Moisture

As of: Tuesday, May 7, 2019



HPRCC 1-month SPI

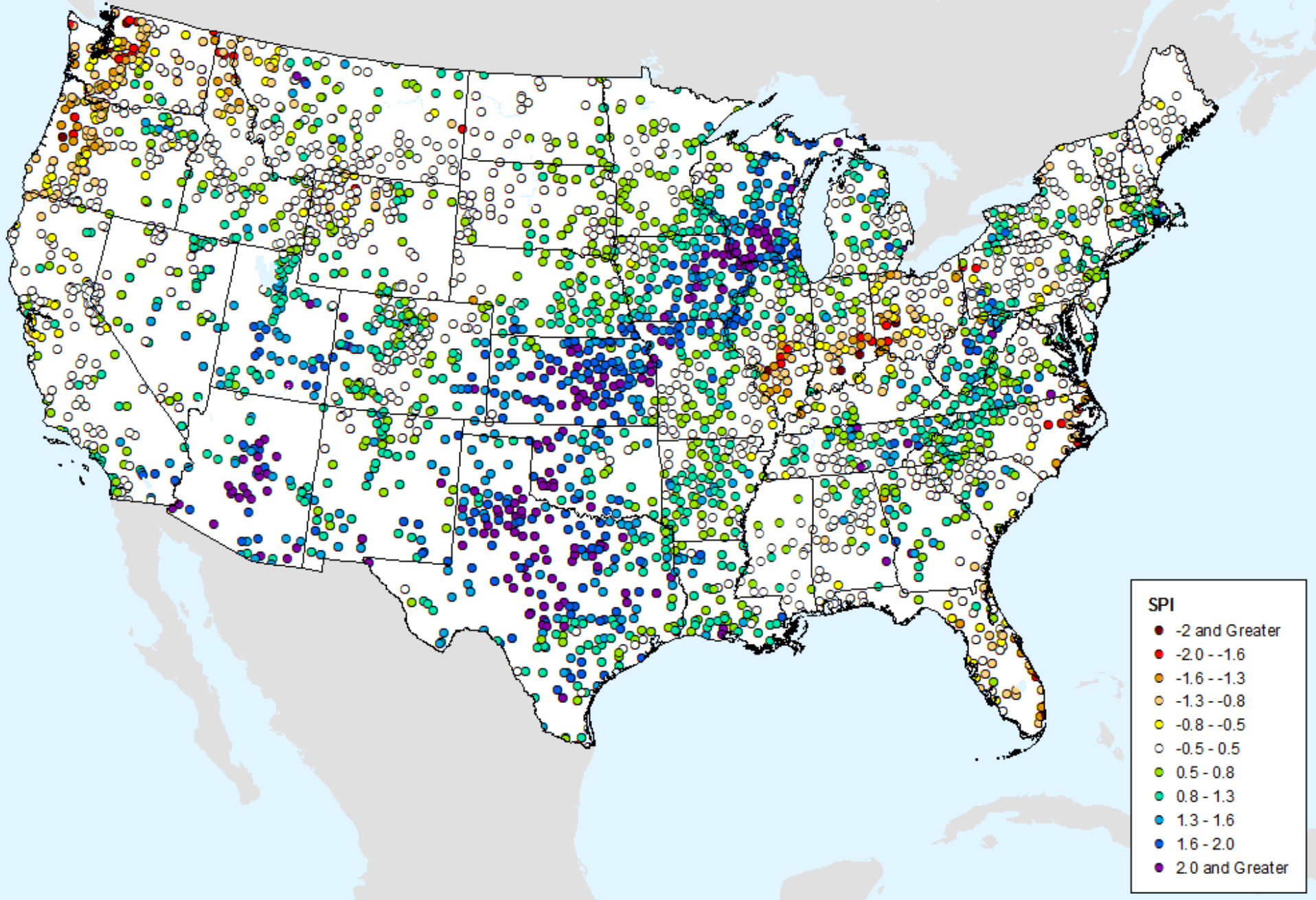
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

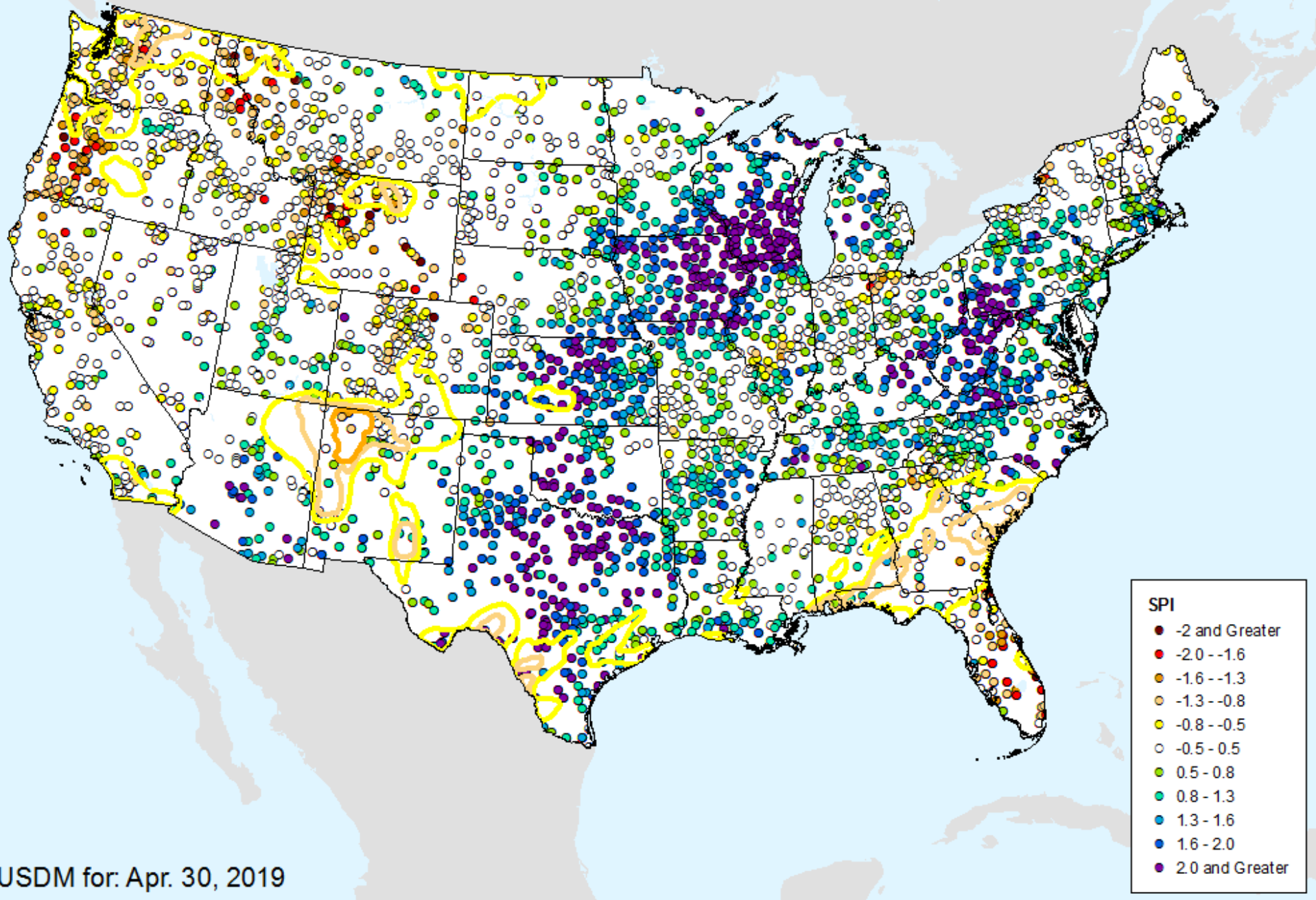
HPRCC 1-month SPI

As of: Tuesday, May 7, 2019



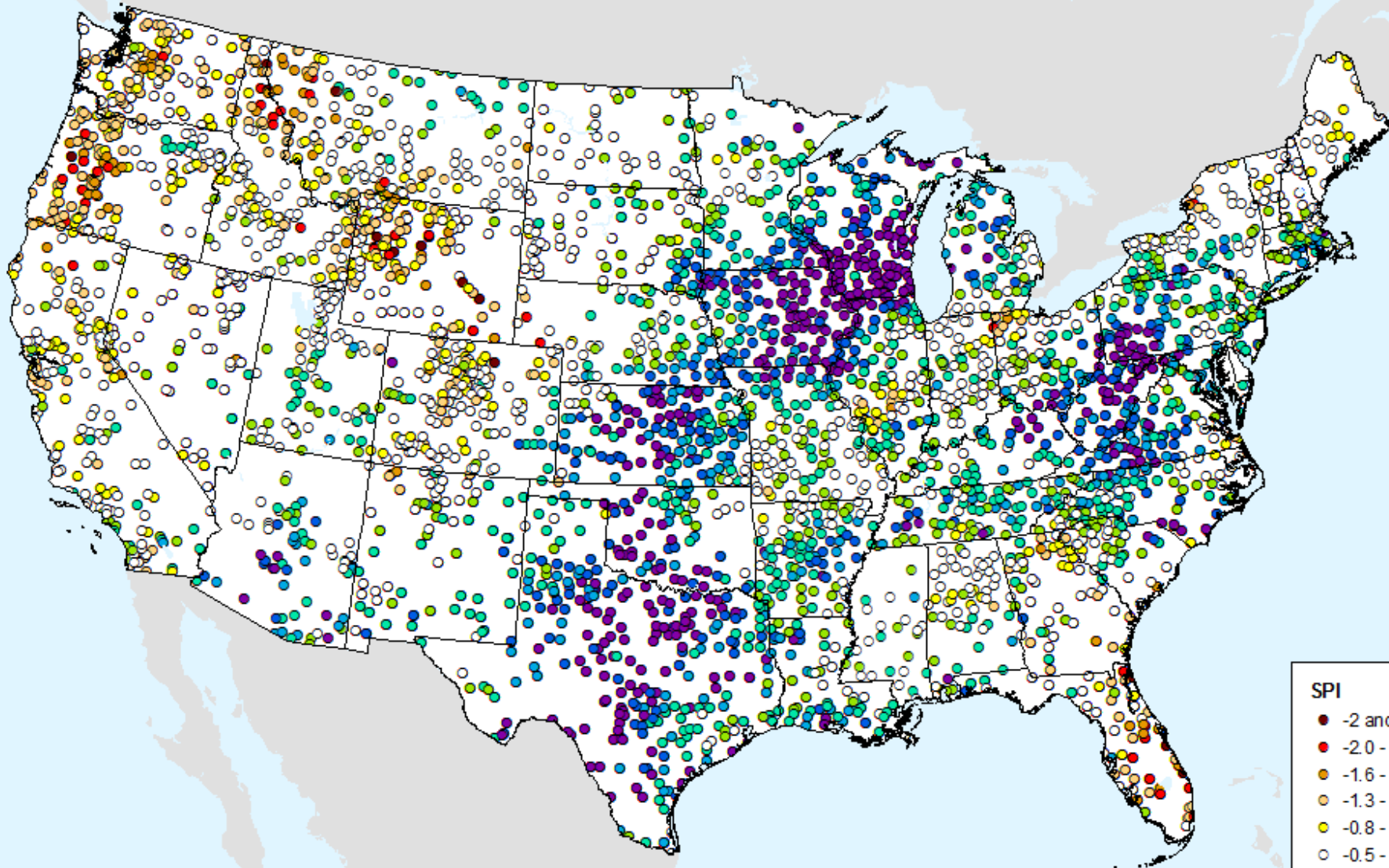
HPRCC 2-month SPI

As of: Tuesday, May 7, 2019



HPRCC 2-month SPI

As of: Tuesday, May 7, 2019

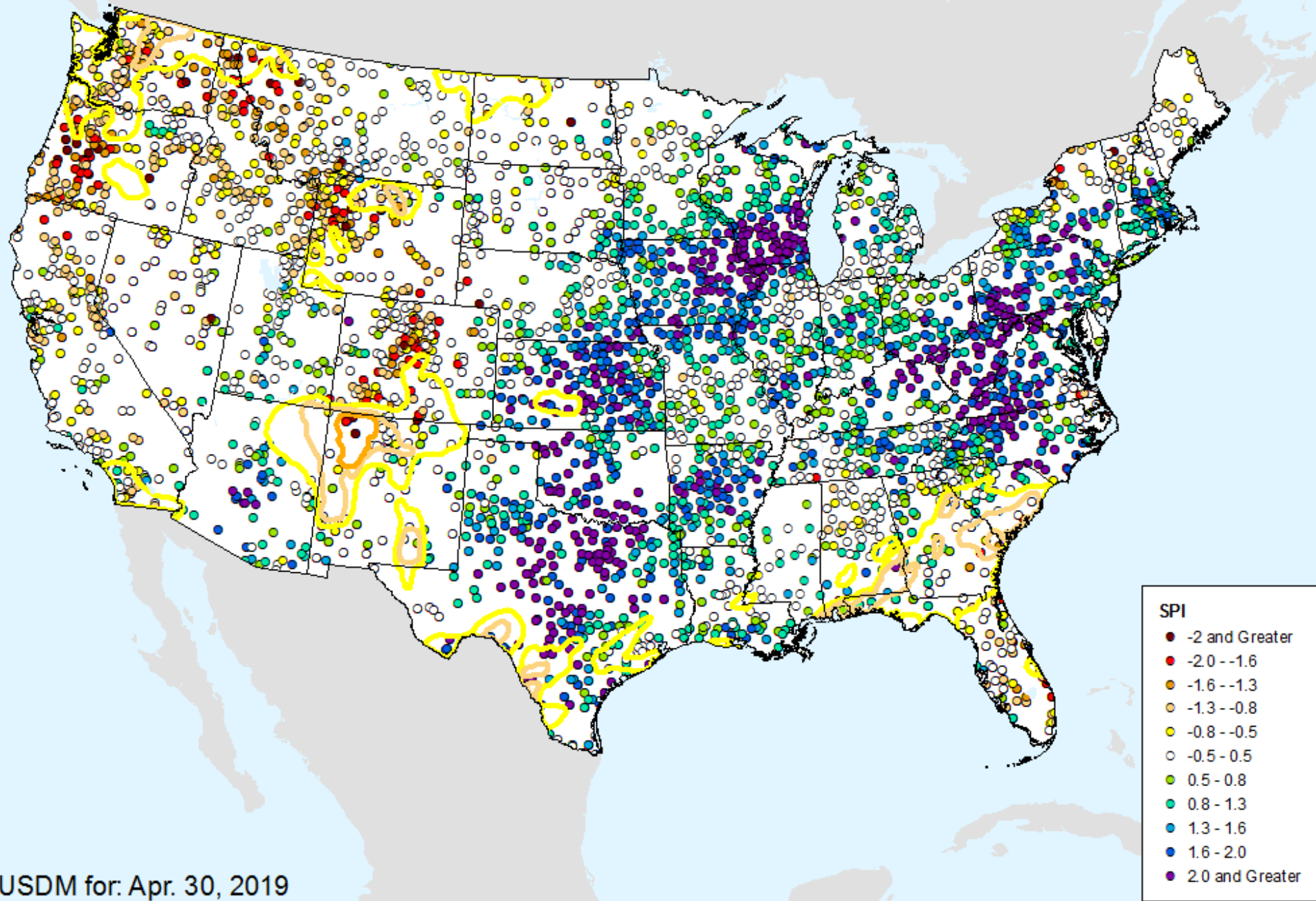


SPI

- -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

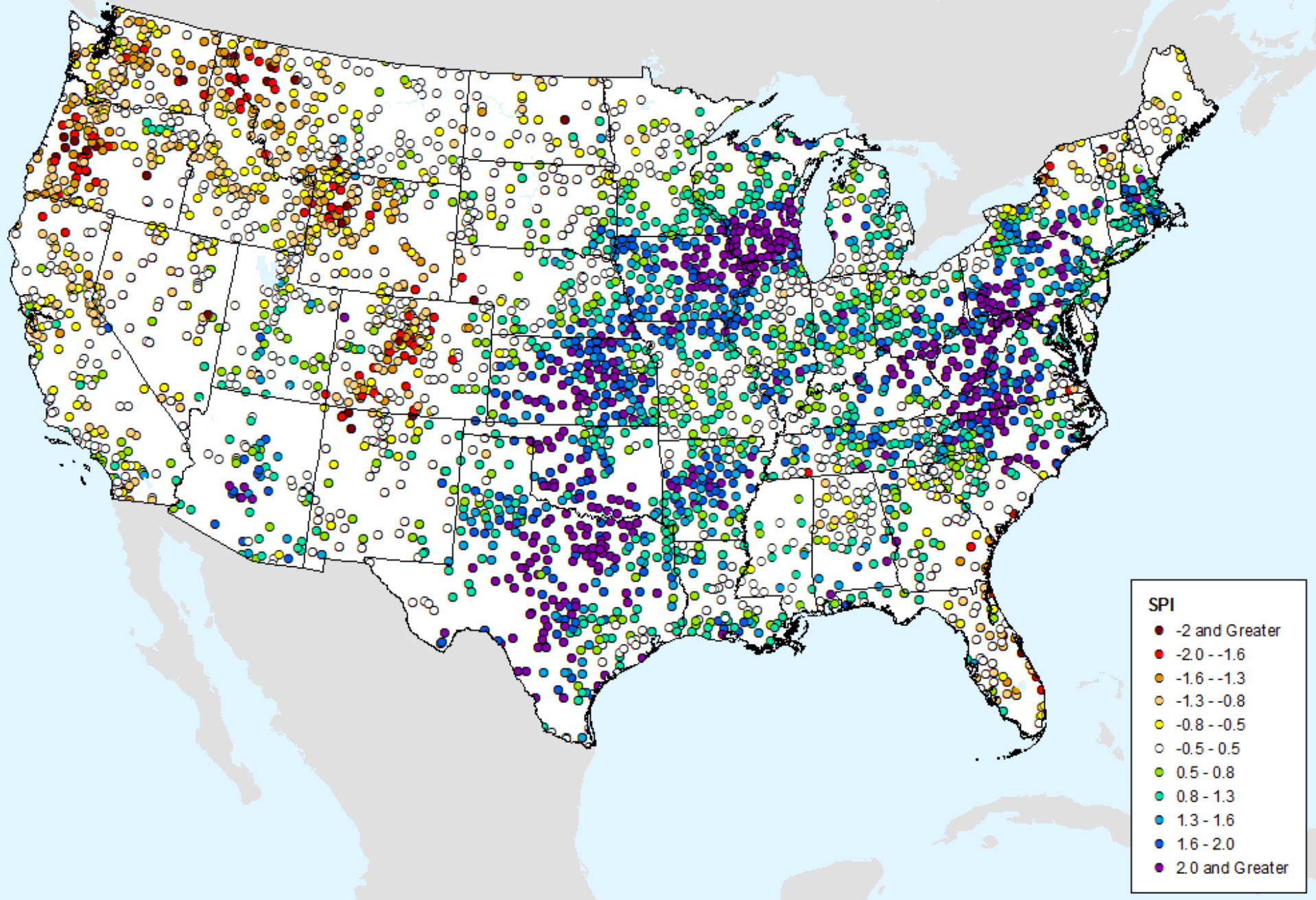
HPRCC 3-month SPI

As of: Tuesday, May 7, 2019



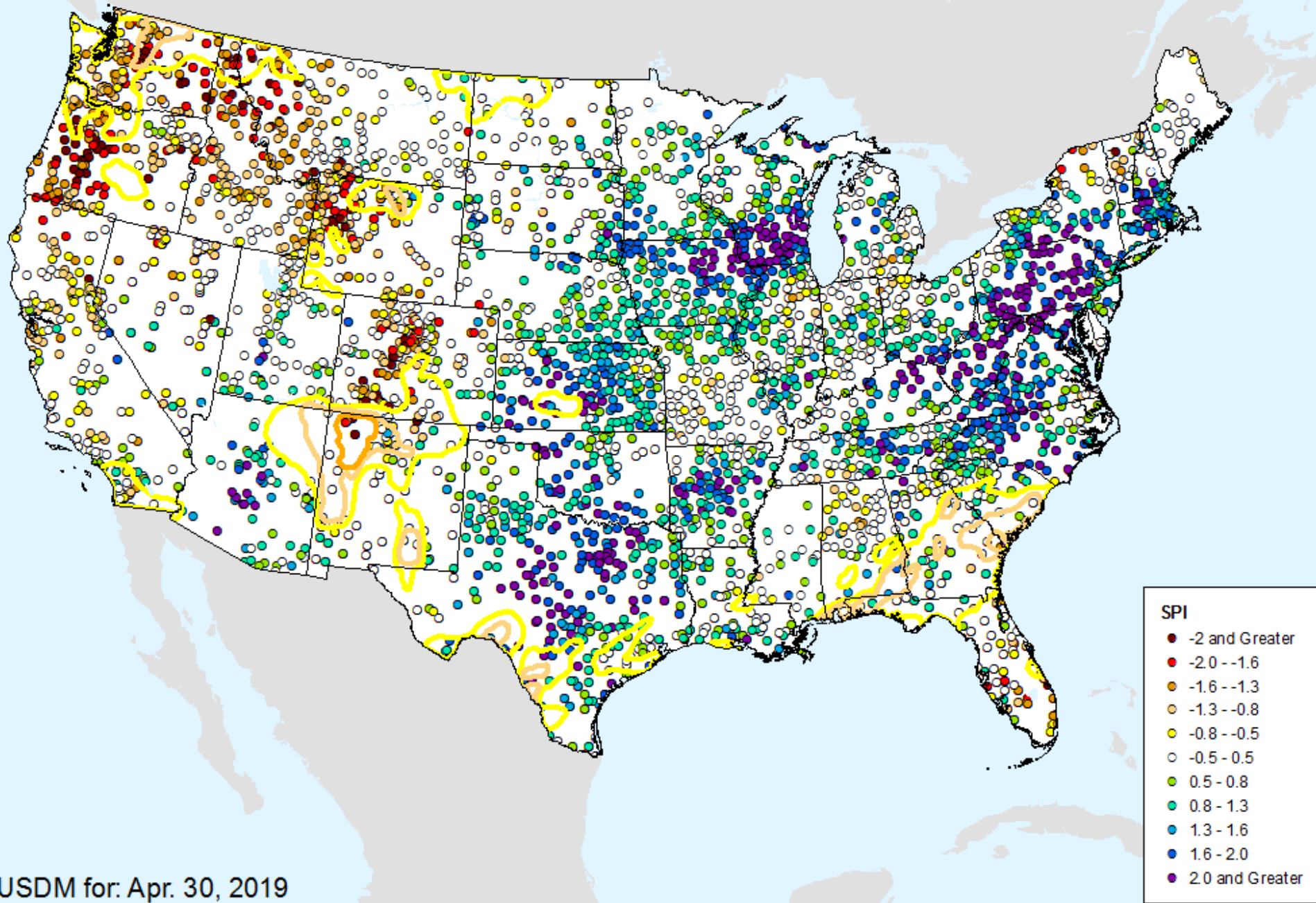
HPRCC 3-month SPI

As of: Tuesday, May 7, 2019



HPRCC 4-month SPI

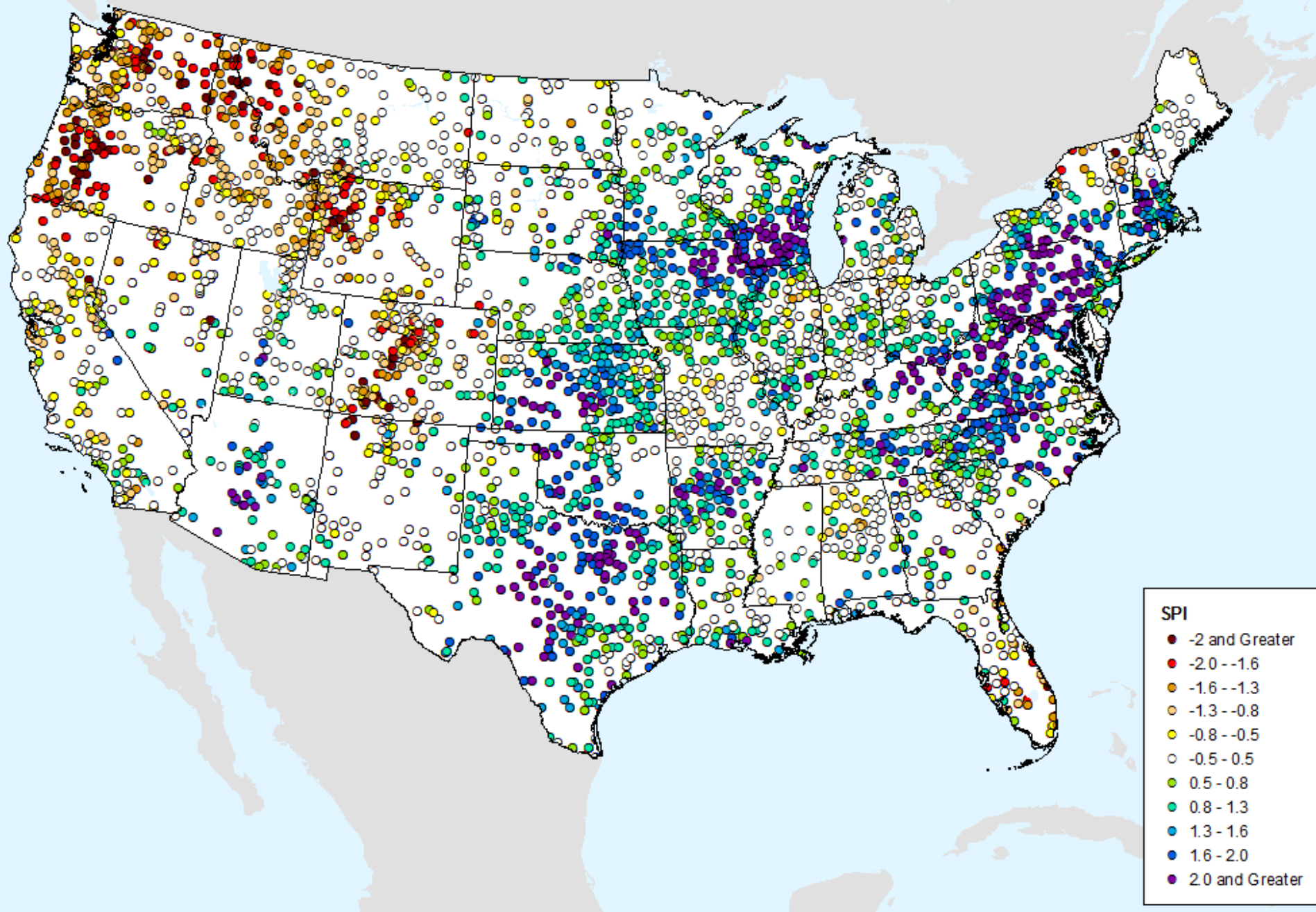
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

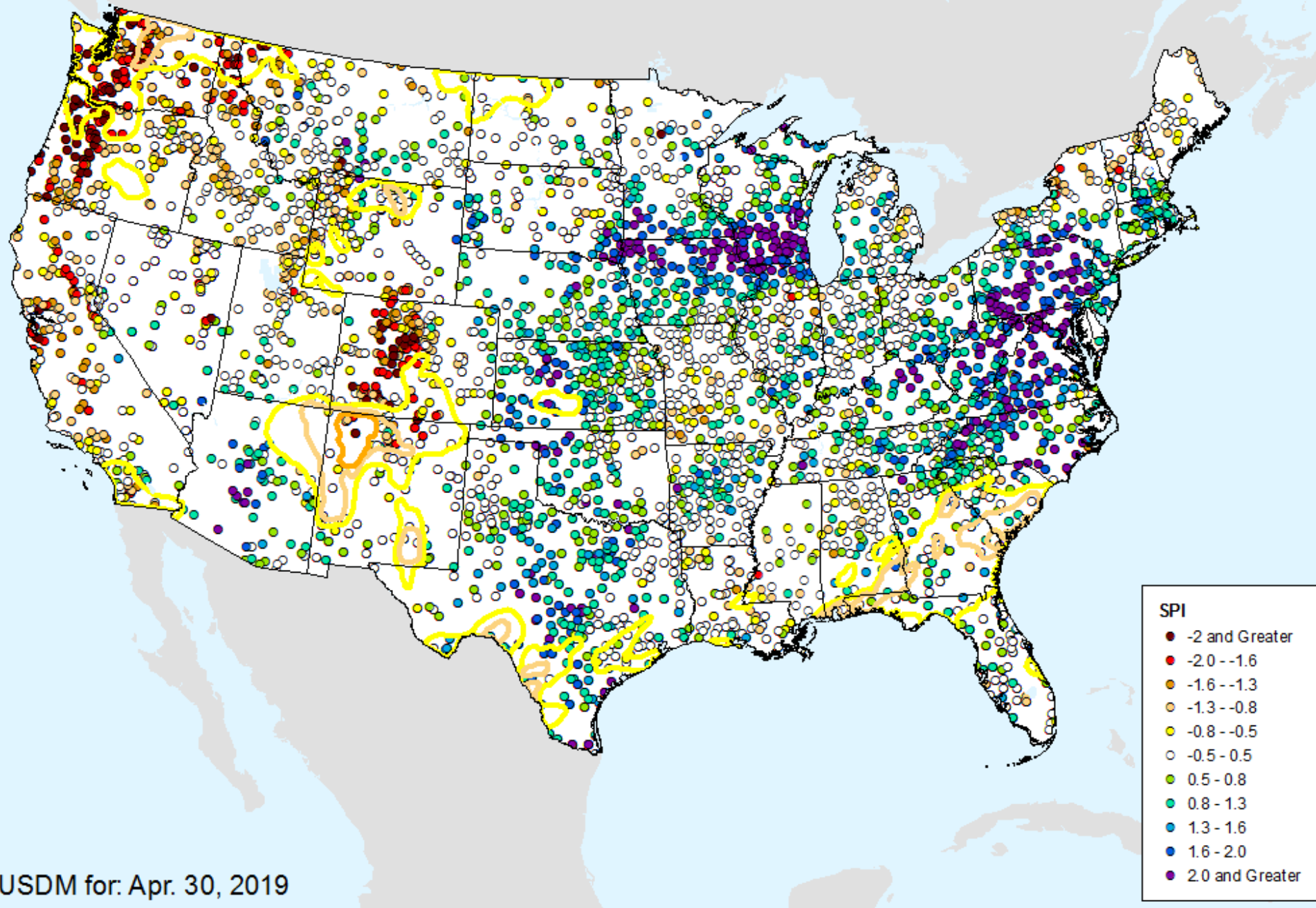
HPRCC 4-month SPI

As of: Tuesday, May 7, 2019



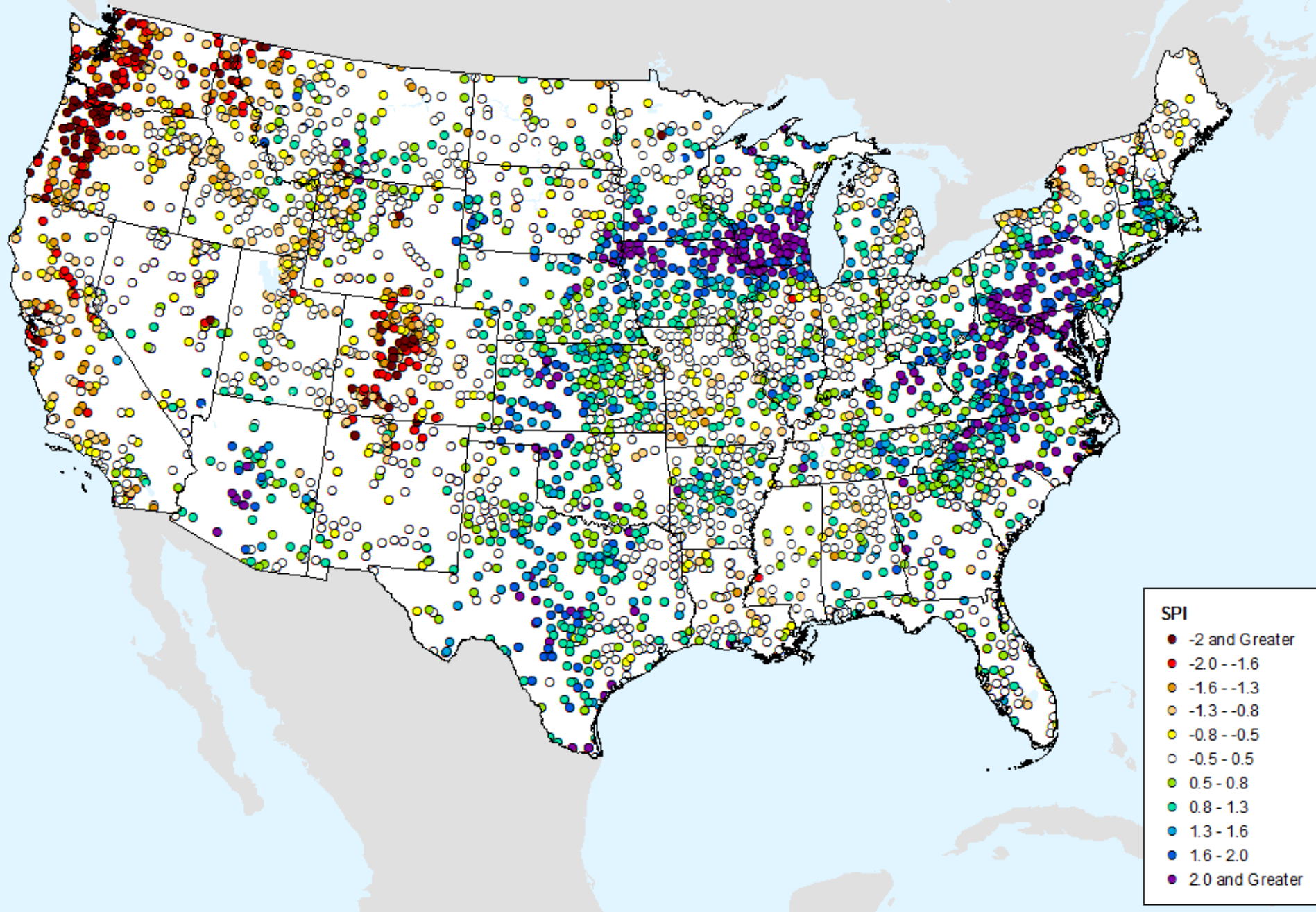
HPRCC 6-month SPI

As of: Tuesday, May 7, 2019



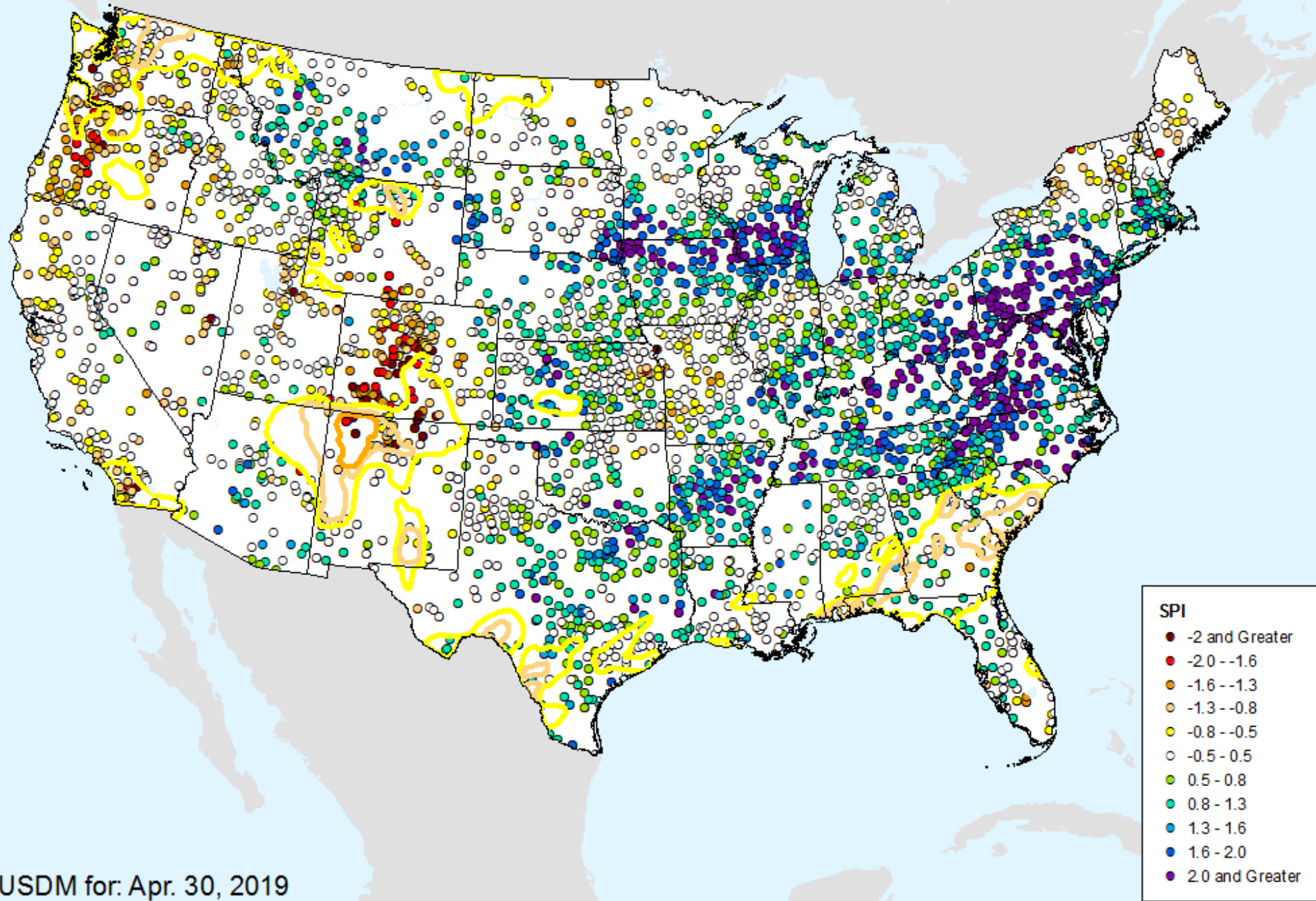
HPRCC 6-month SPI

As of: Tuesday, May 7, 2019



HPRCC 9-month SPI

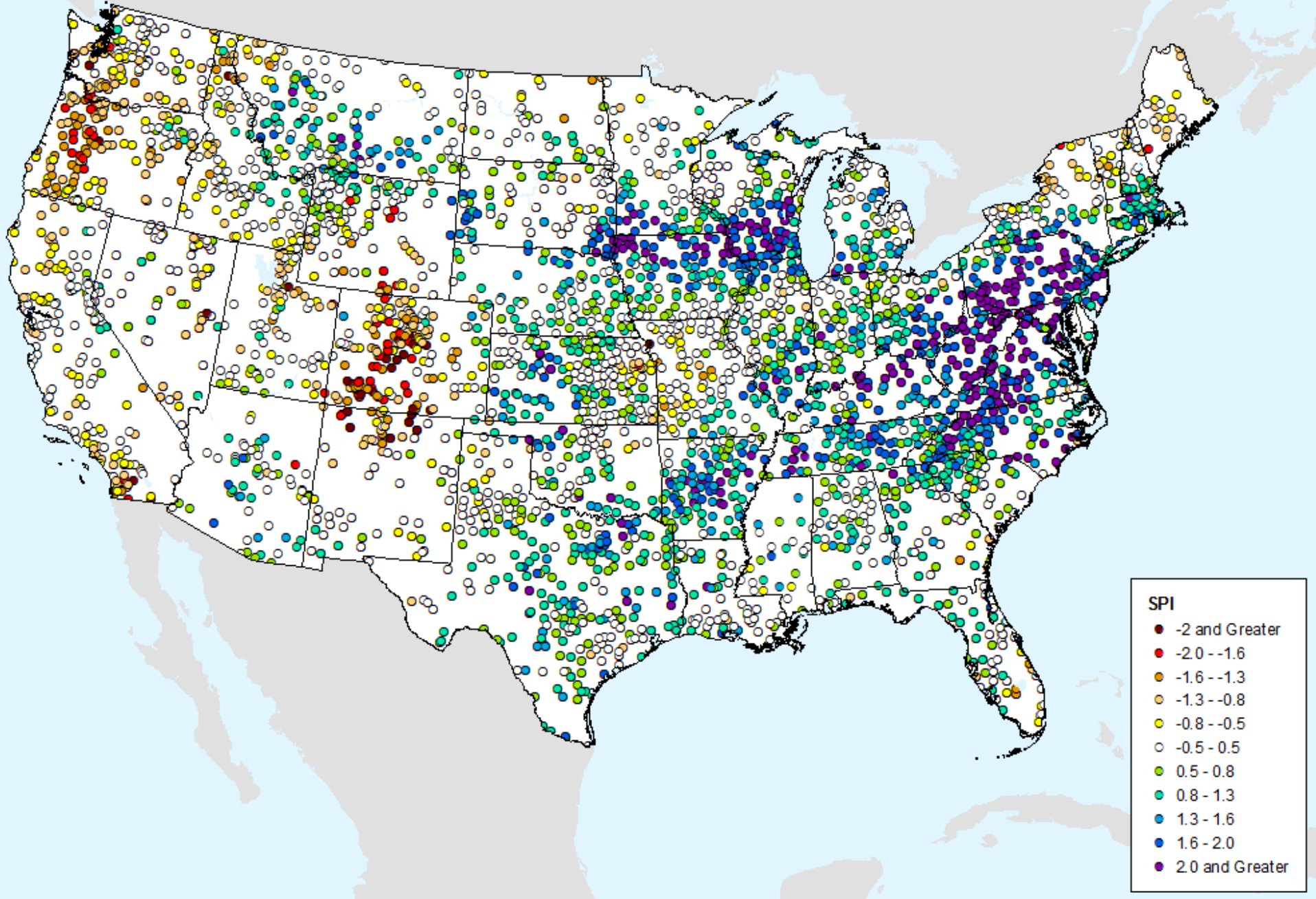
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

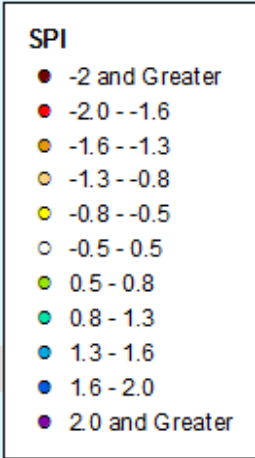
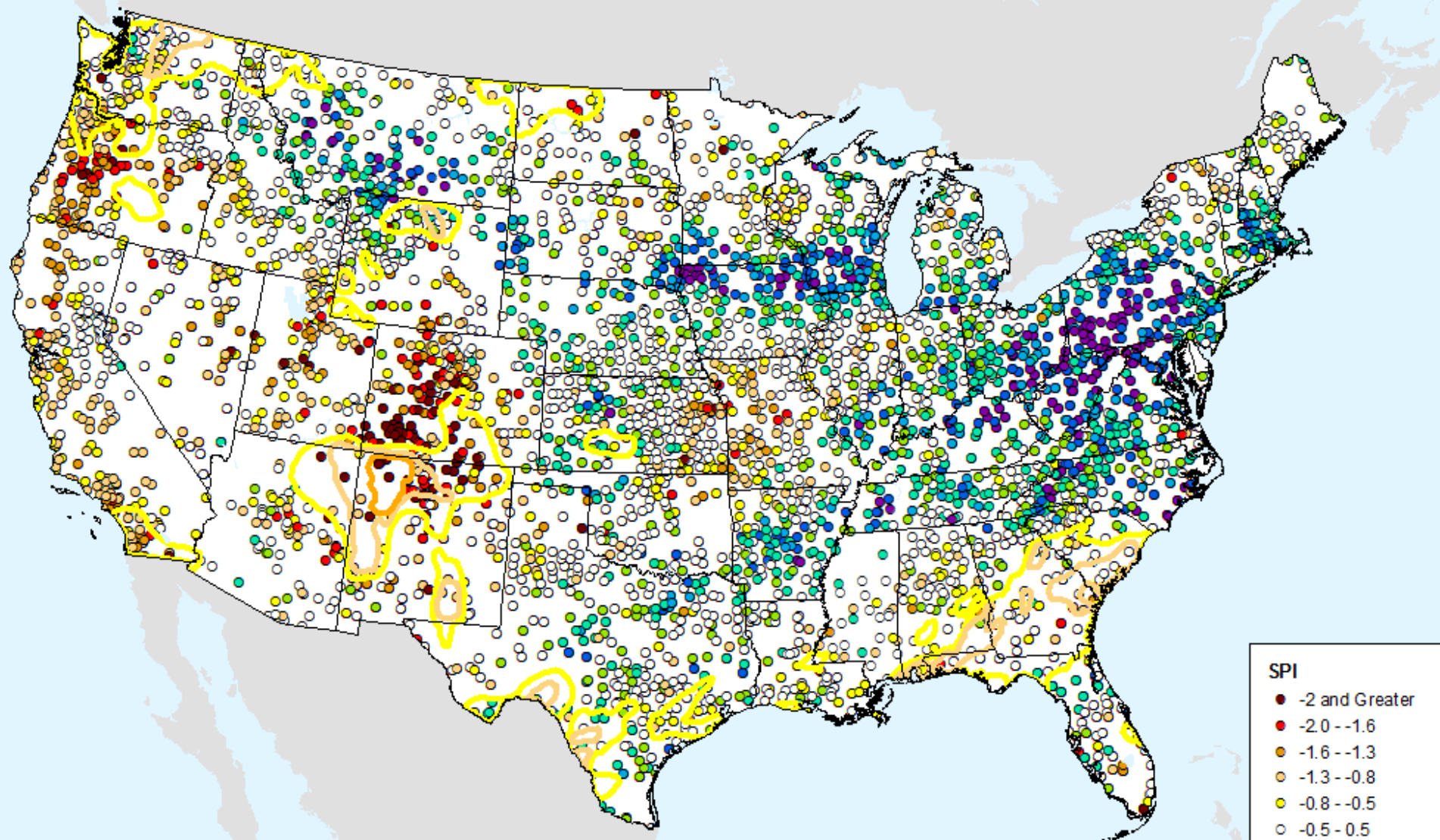
HPRCC 9-month SPI

As of: Tuesday, May 7, 2019



HPRCC 12-month SPI

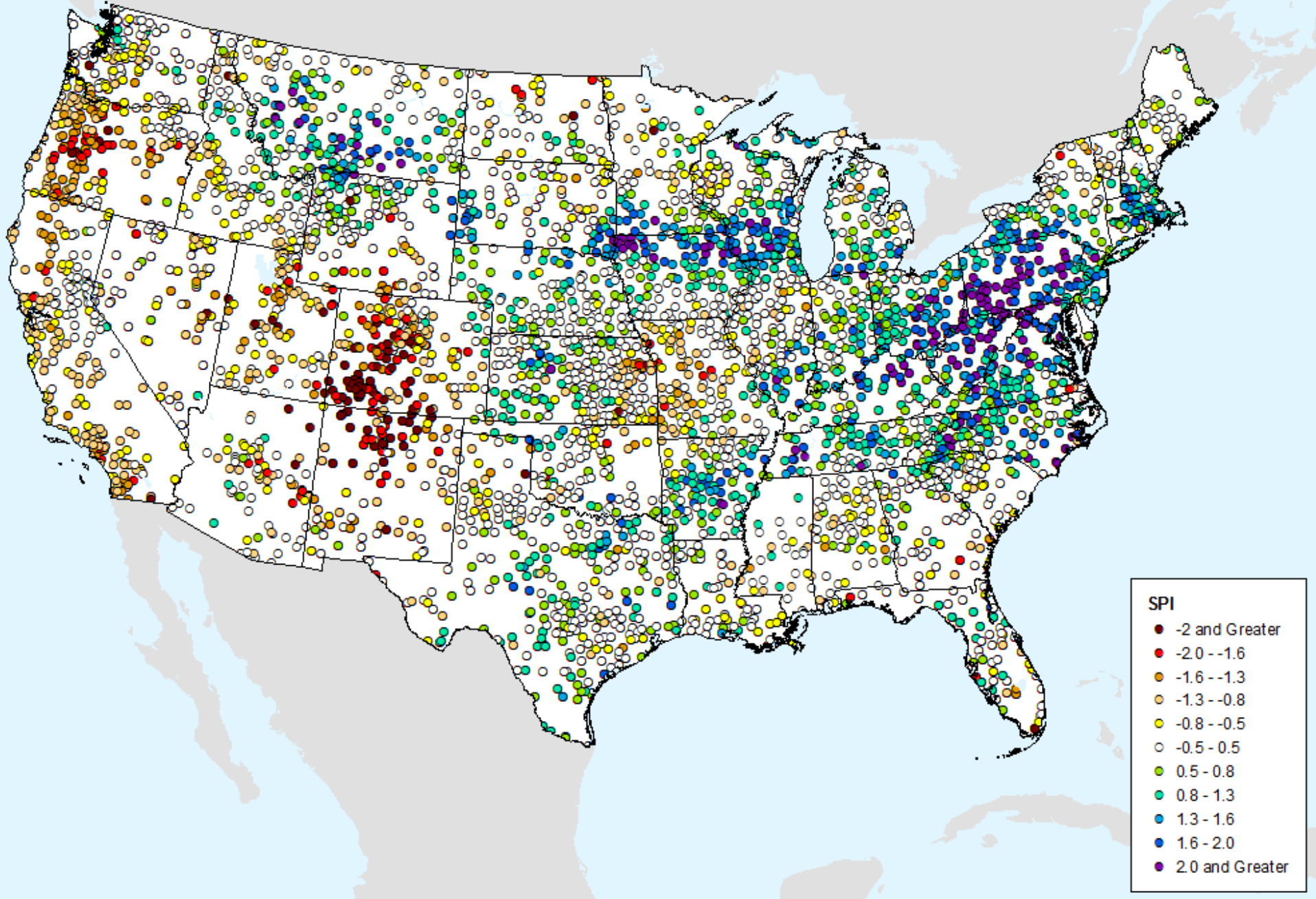
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

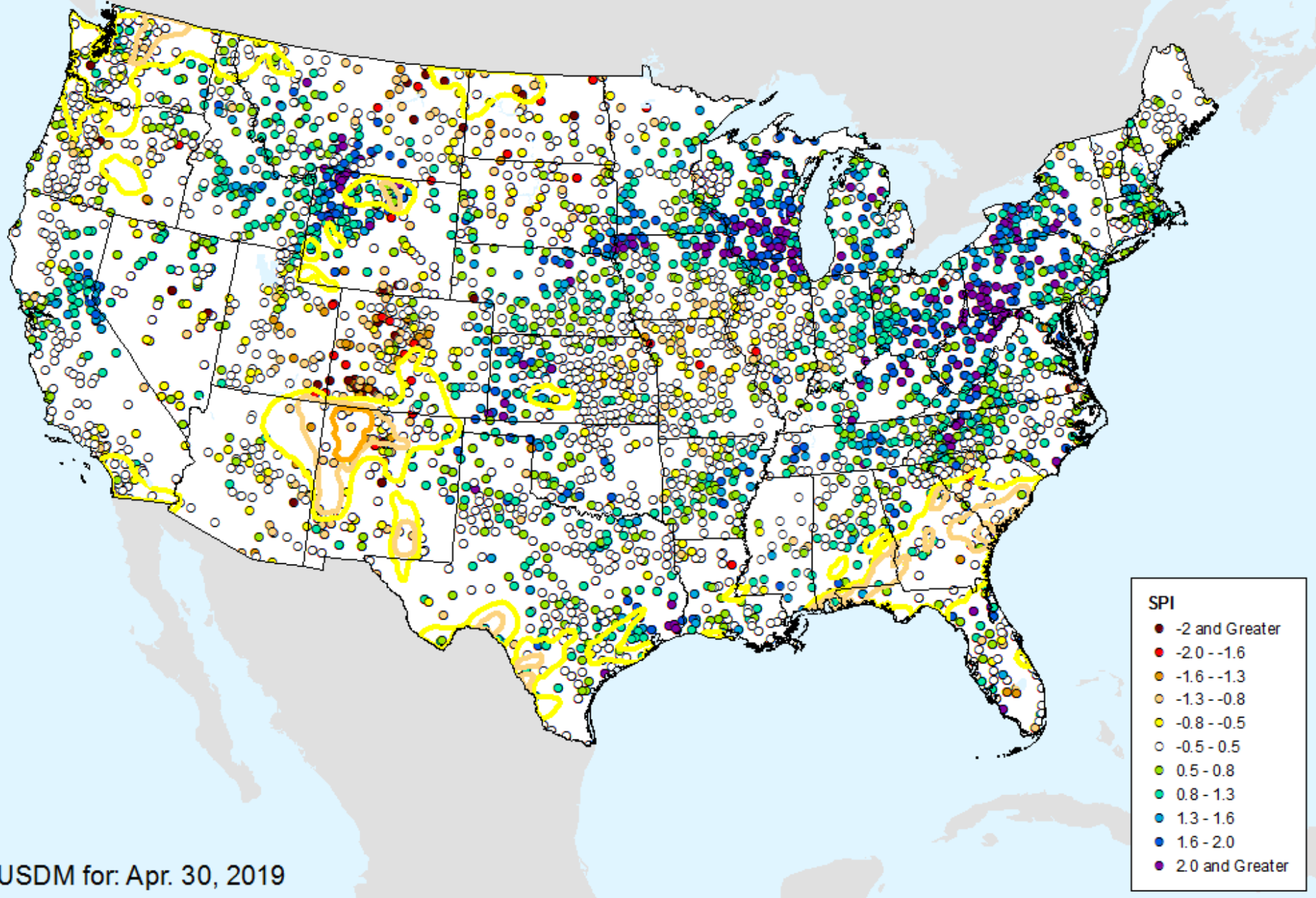
HPRCC 12-month SPI

As of: Tuesday, May 7, 2019



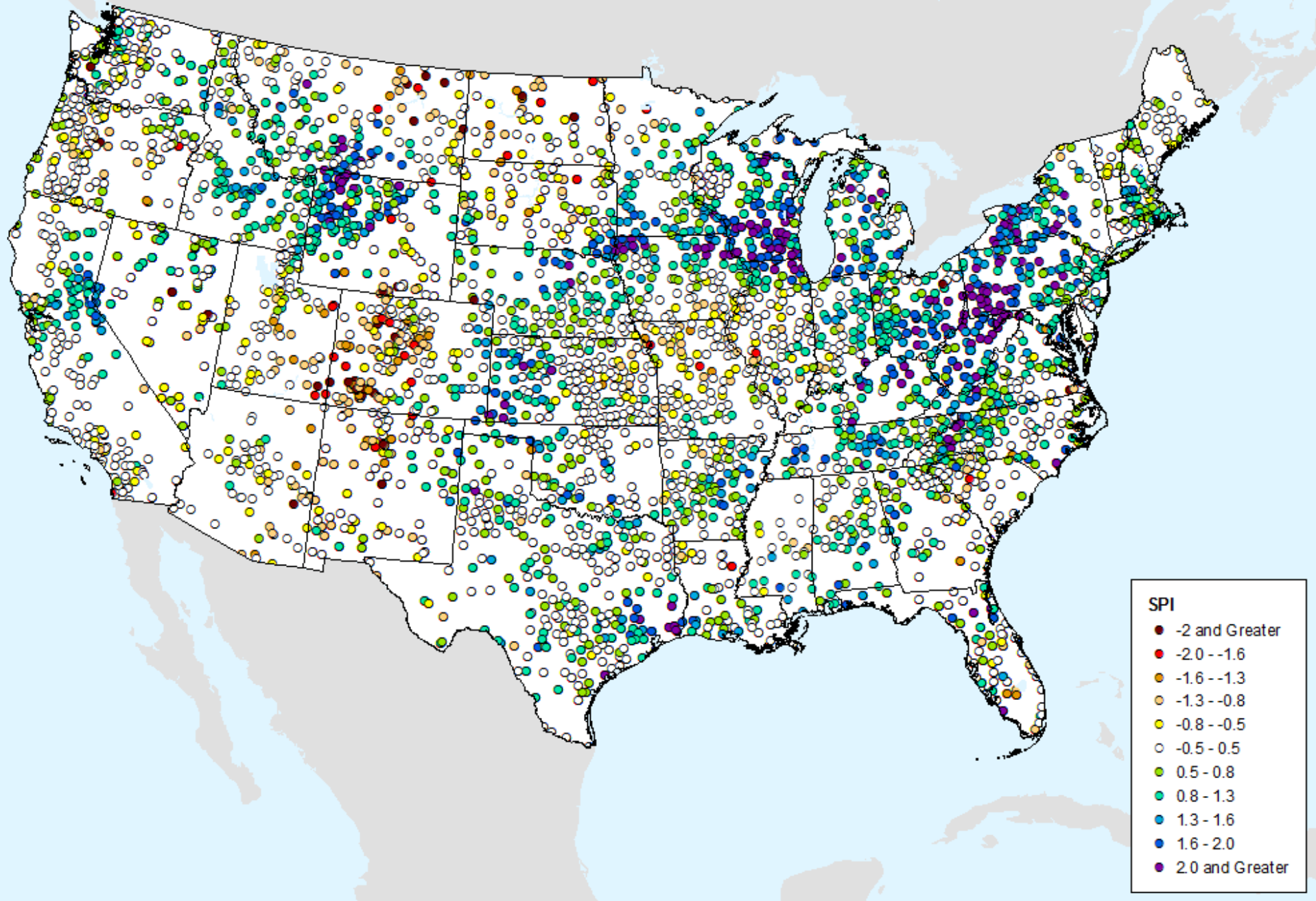
HPRCC 24-month SPI

As of: Tuesday, May 7, 2019



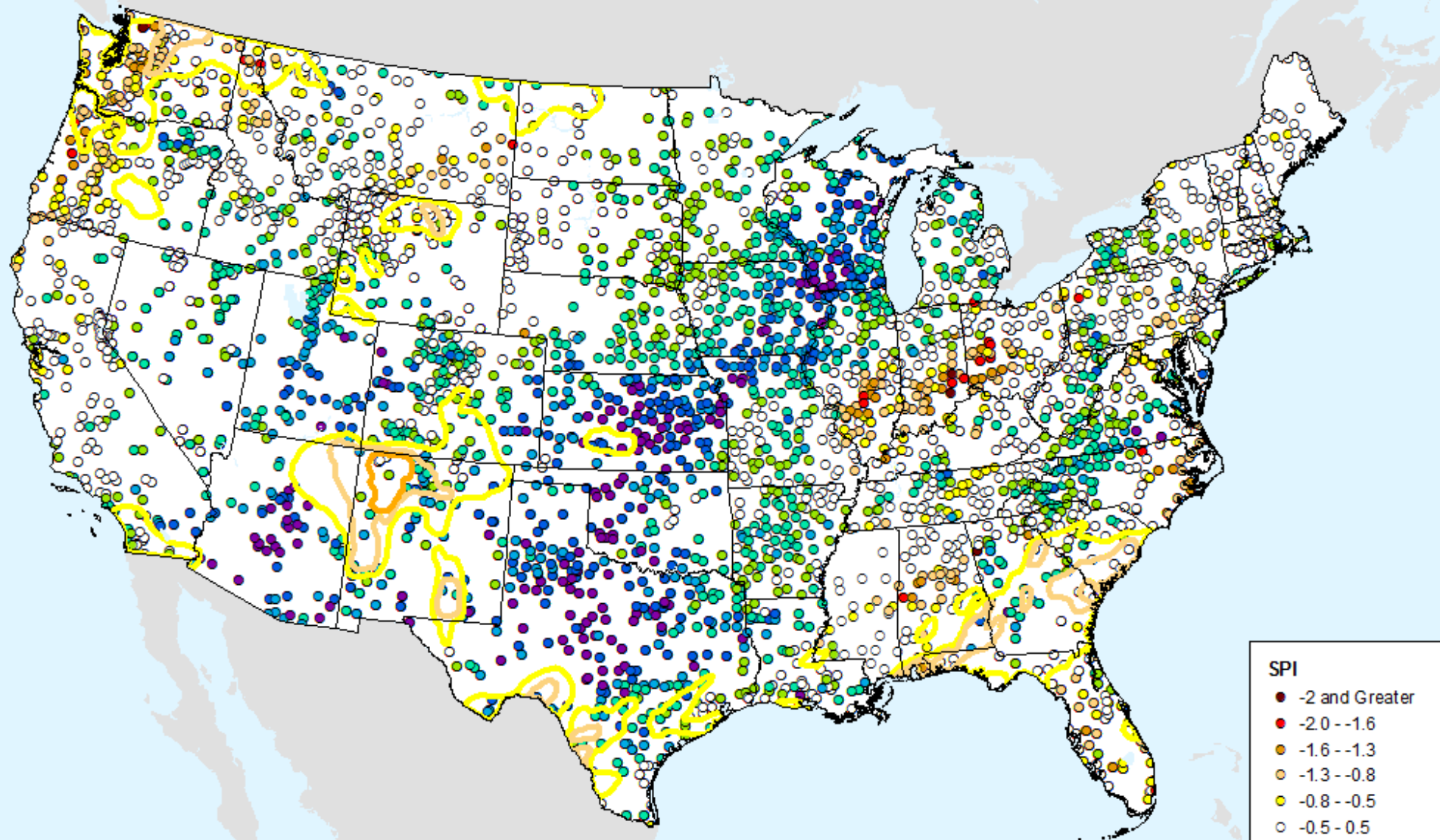
HPRCC 24-month SPI

As of: Tuesday, May 7, 2019



HPRCC Water Year-to-date SPI

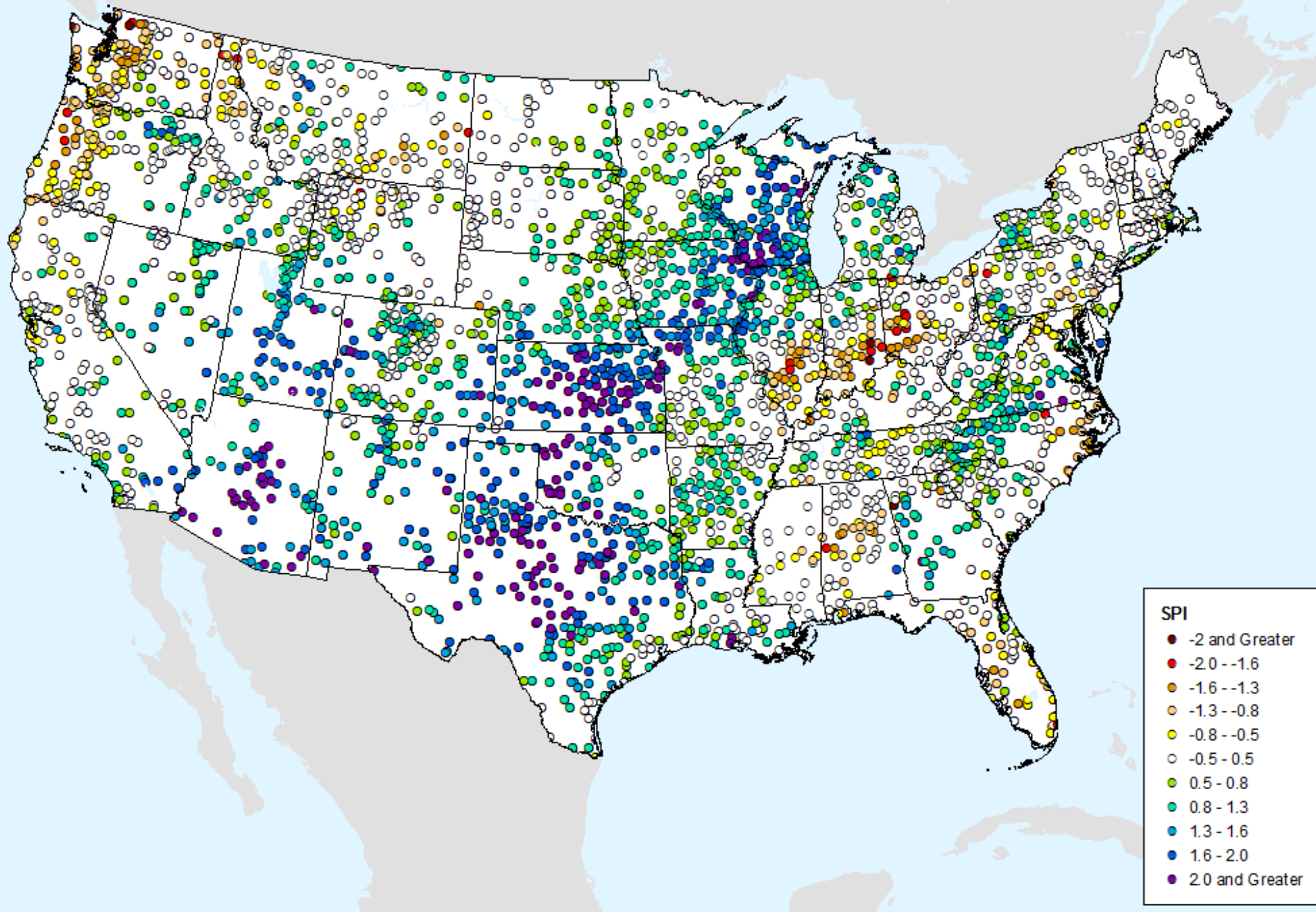
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

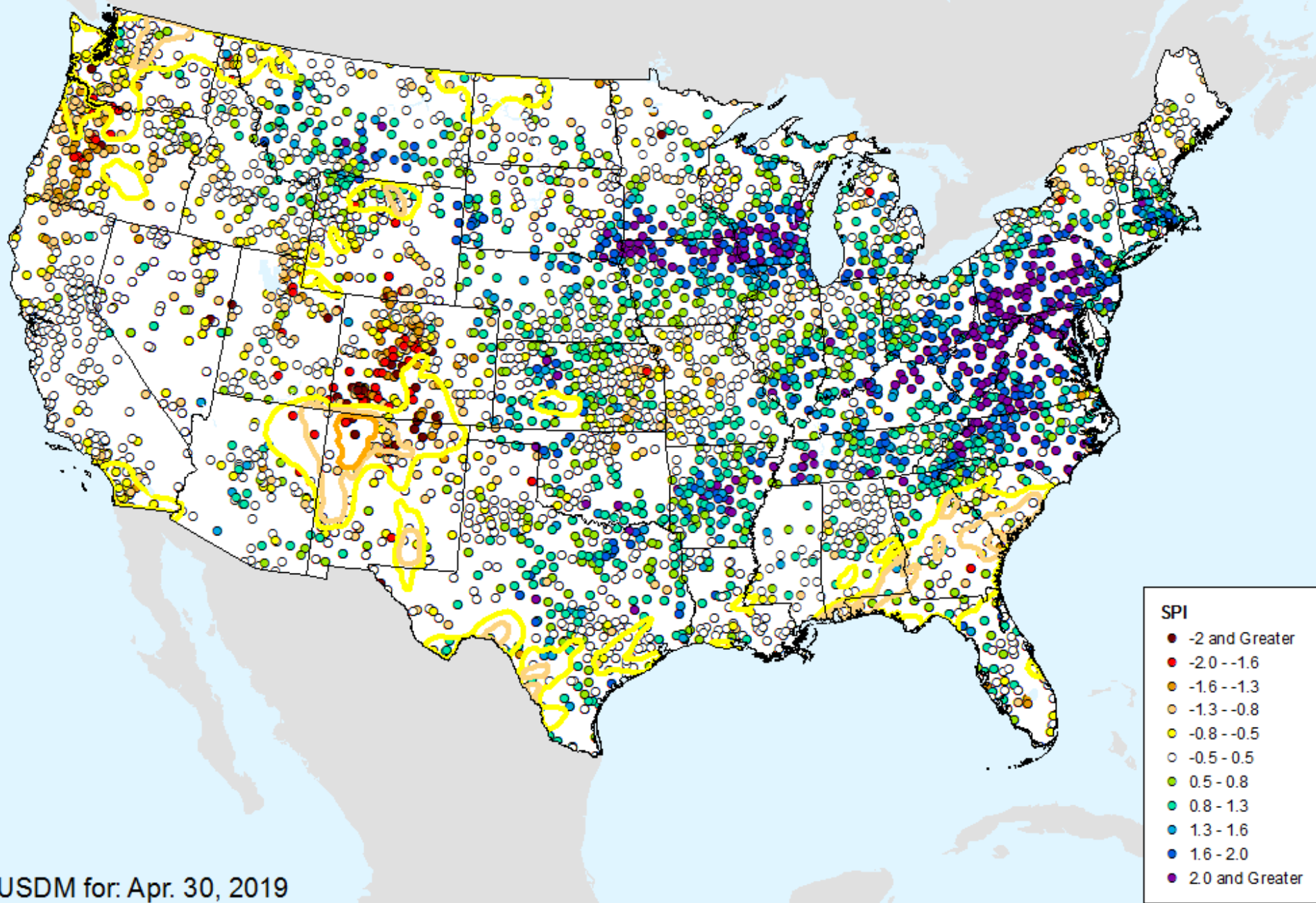
HPRCC Water Year-to-date SPI

As of: Tuesday, May 7, 2019



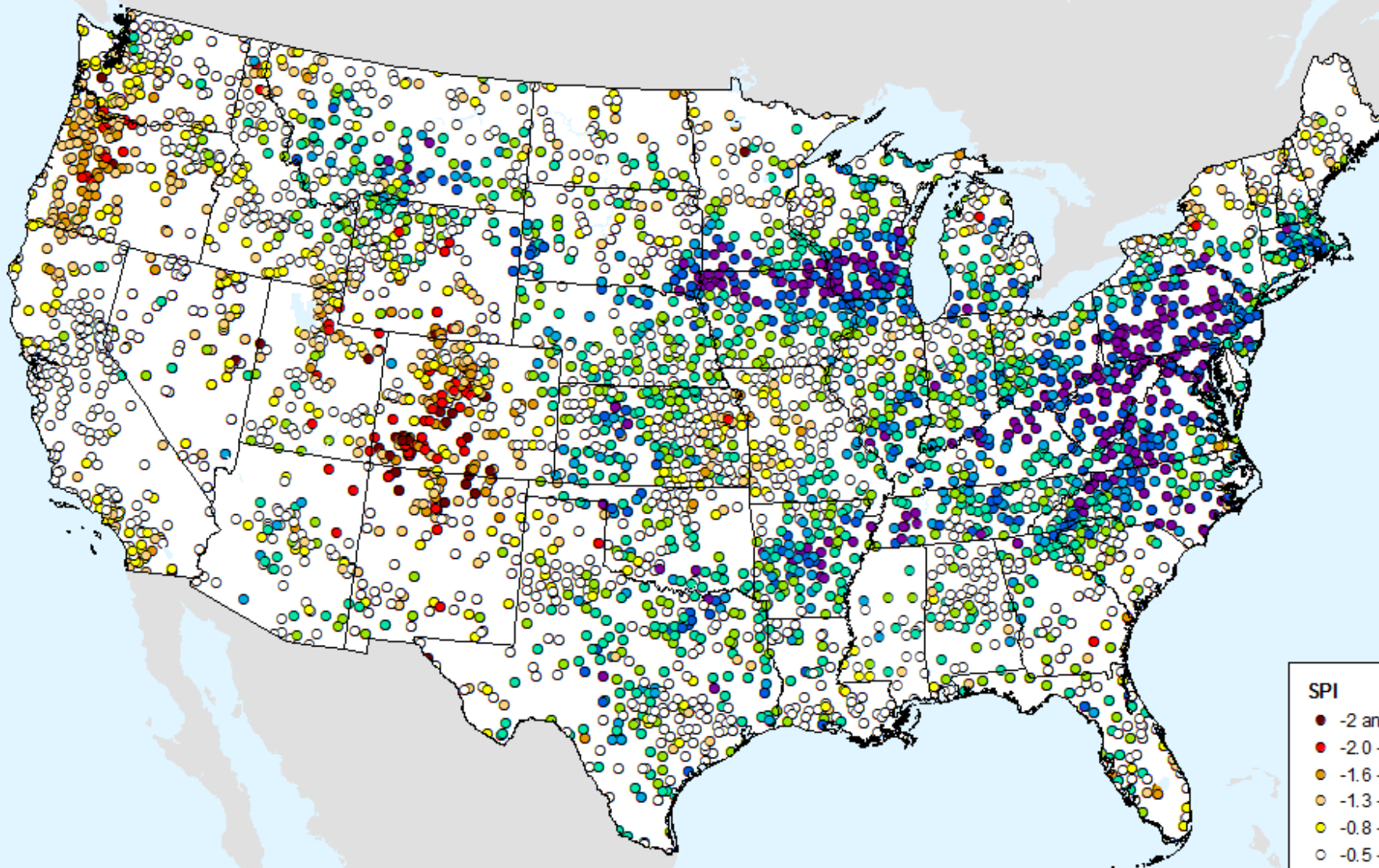
HPRCC Year-to-date SPI

As of: Tuesday, May 7, 2019



HPRCC Year-to-date SPI

As of: Tuesday, May 7, 2019

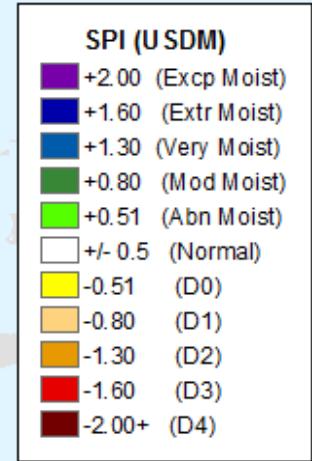
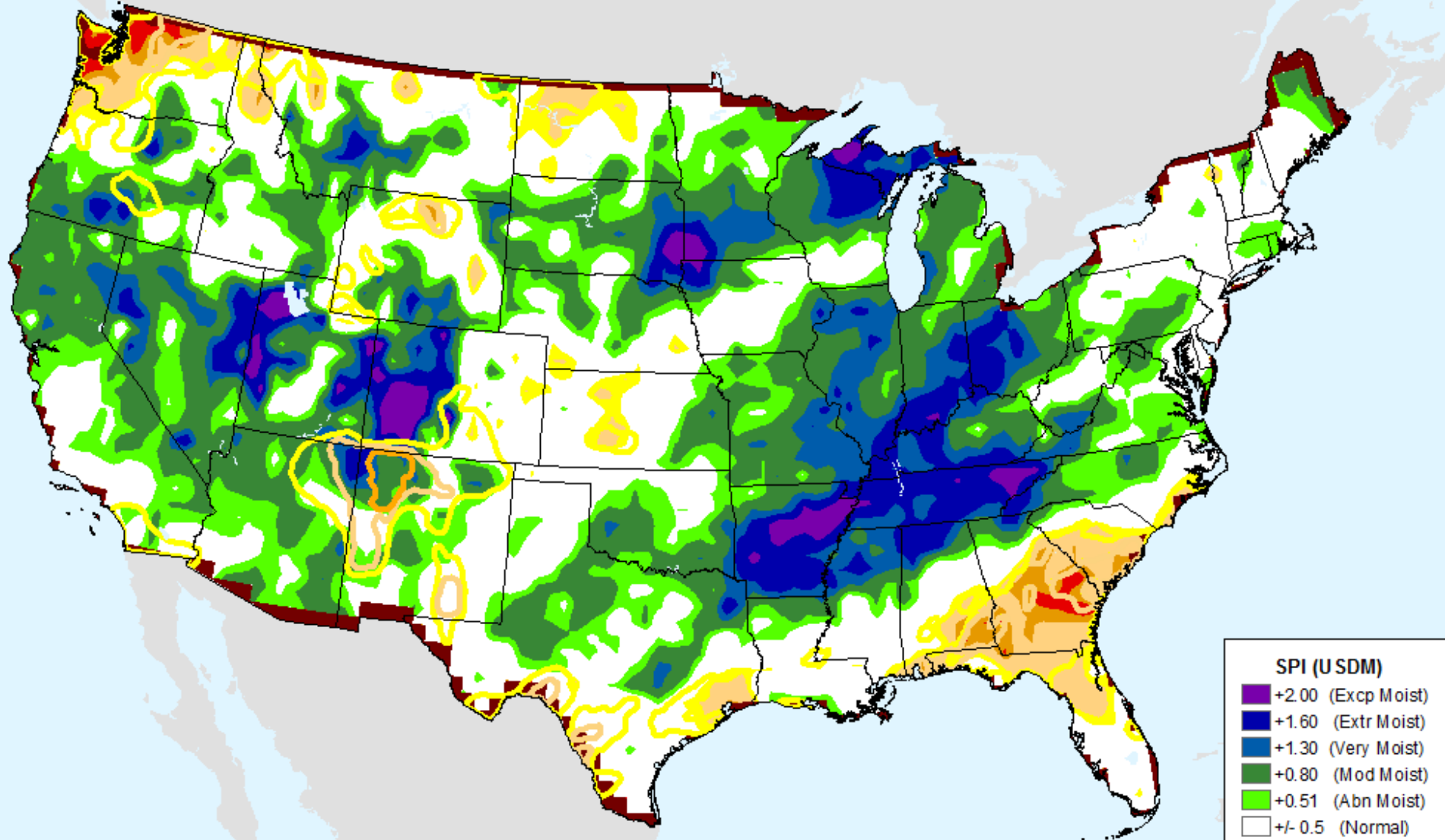


SPI

- -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

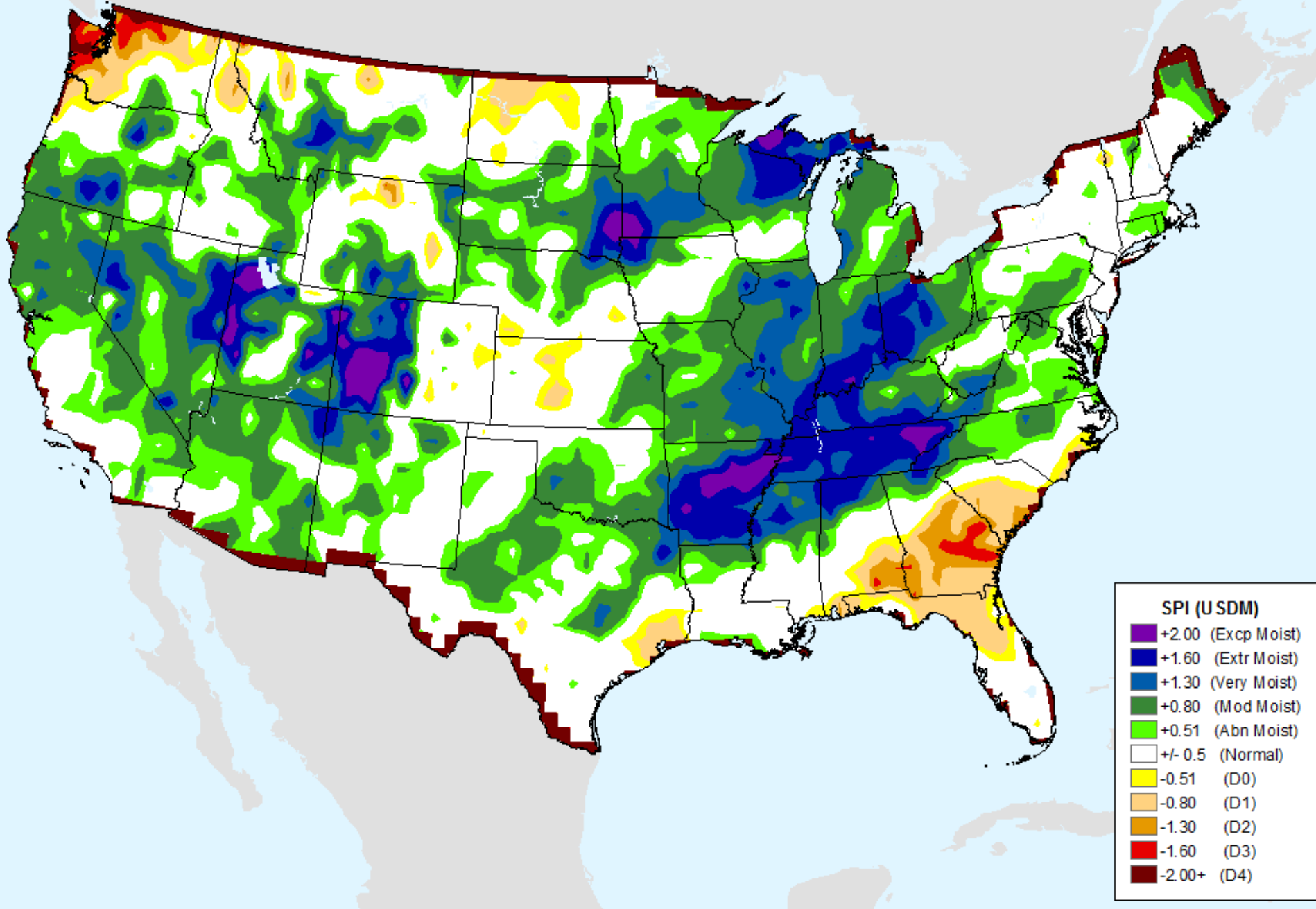
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

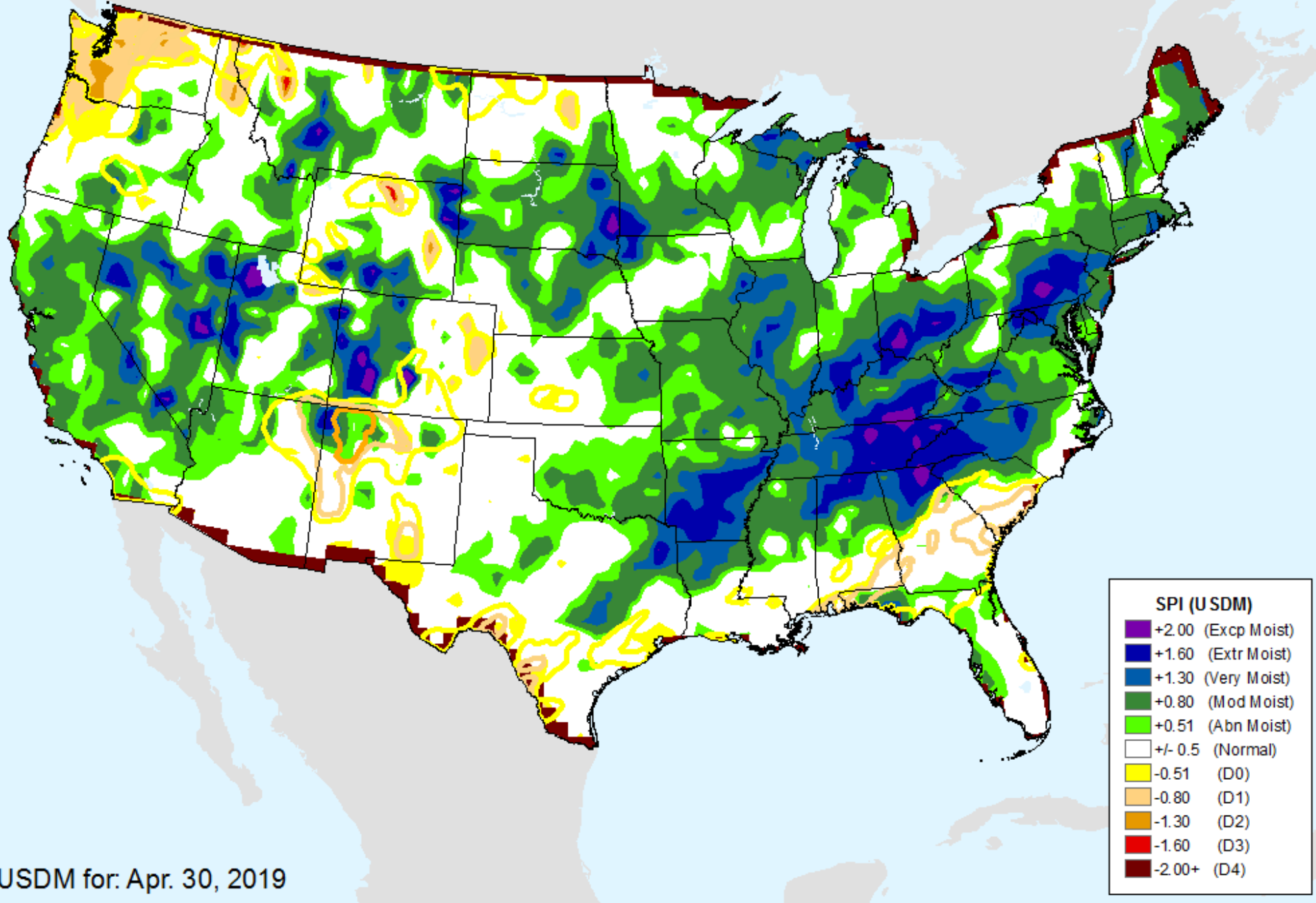
CPC 3-month SPI

As of: Tuesday, May 7, 2019



CPC 6-month SPI

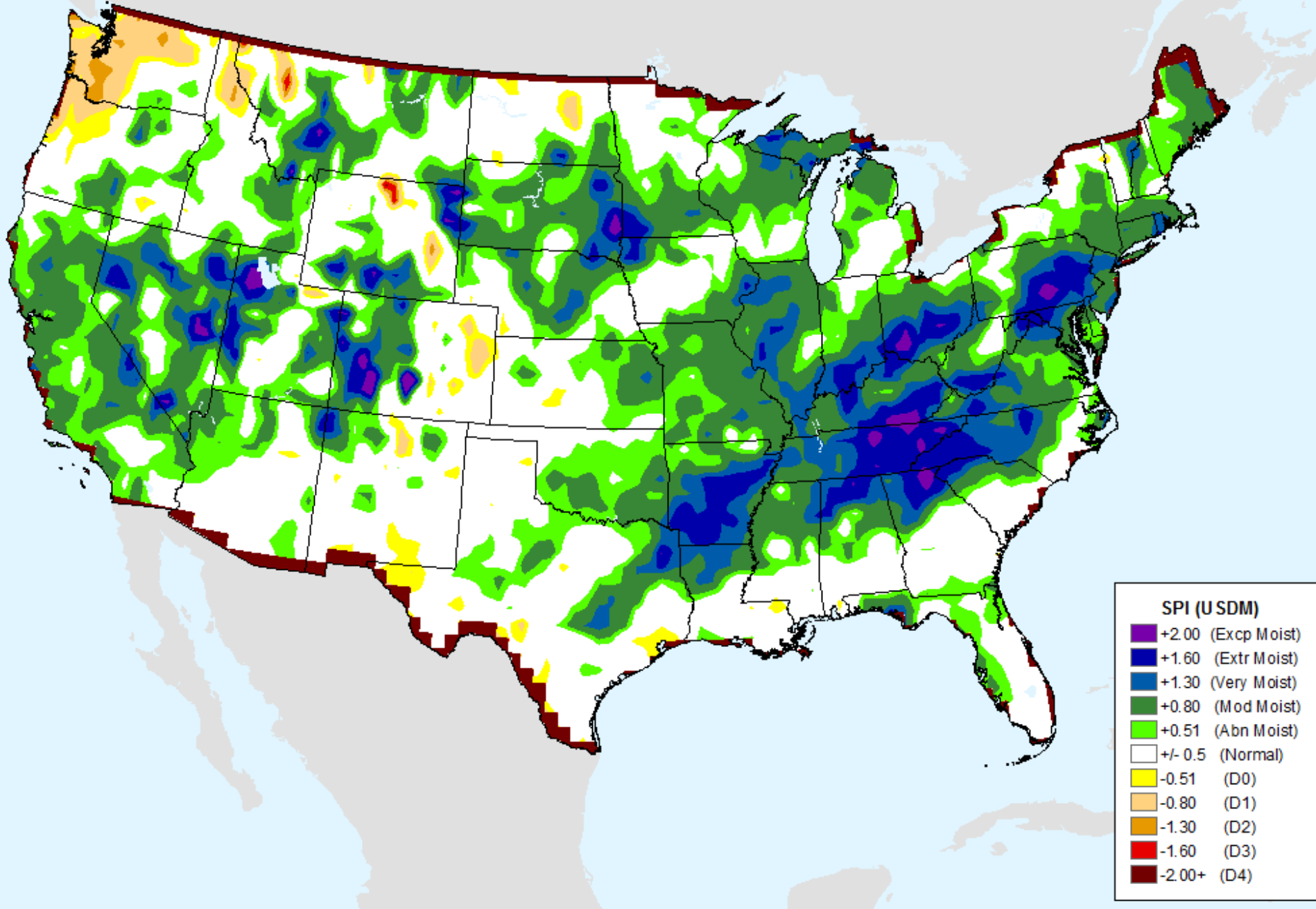
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

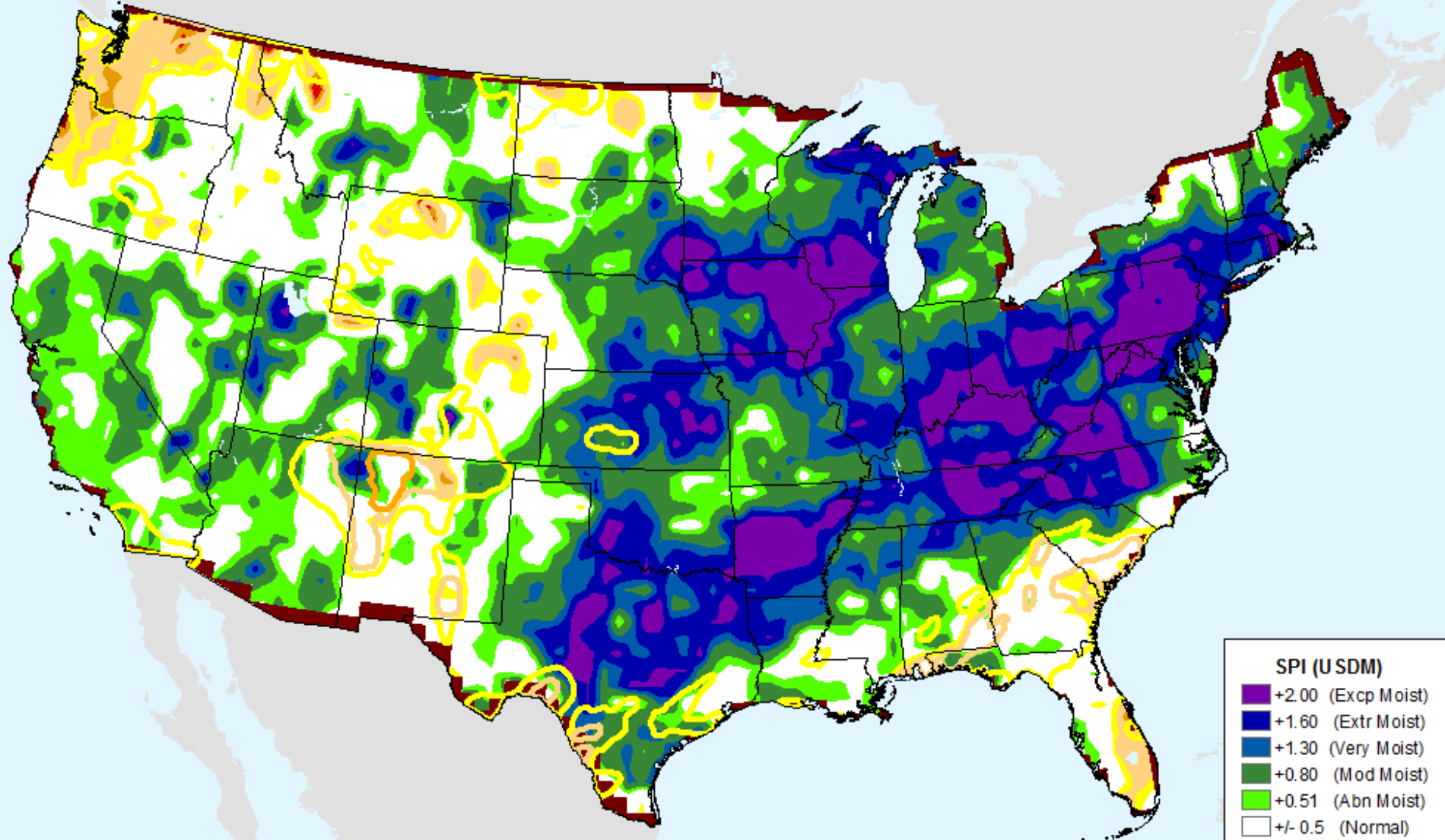
CPC 6-month SPI

As of: Tuesday, May 7, 2019



CPC 9-month SPI

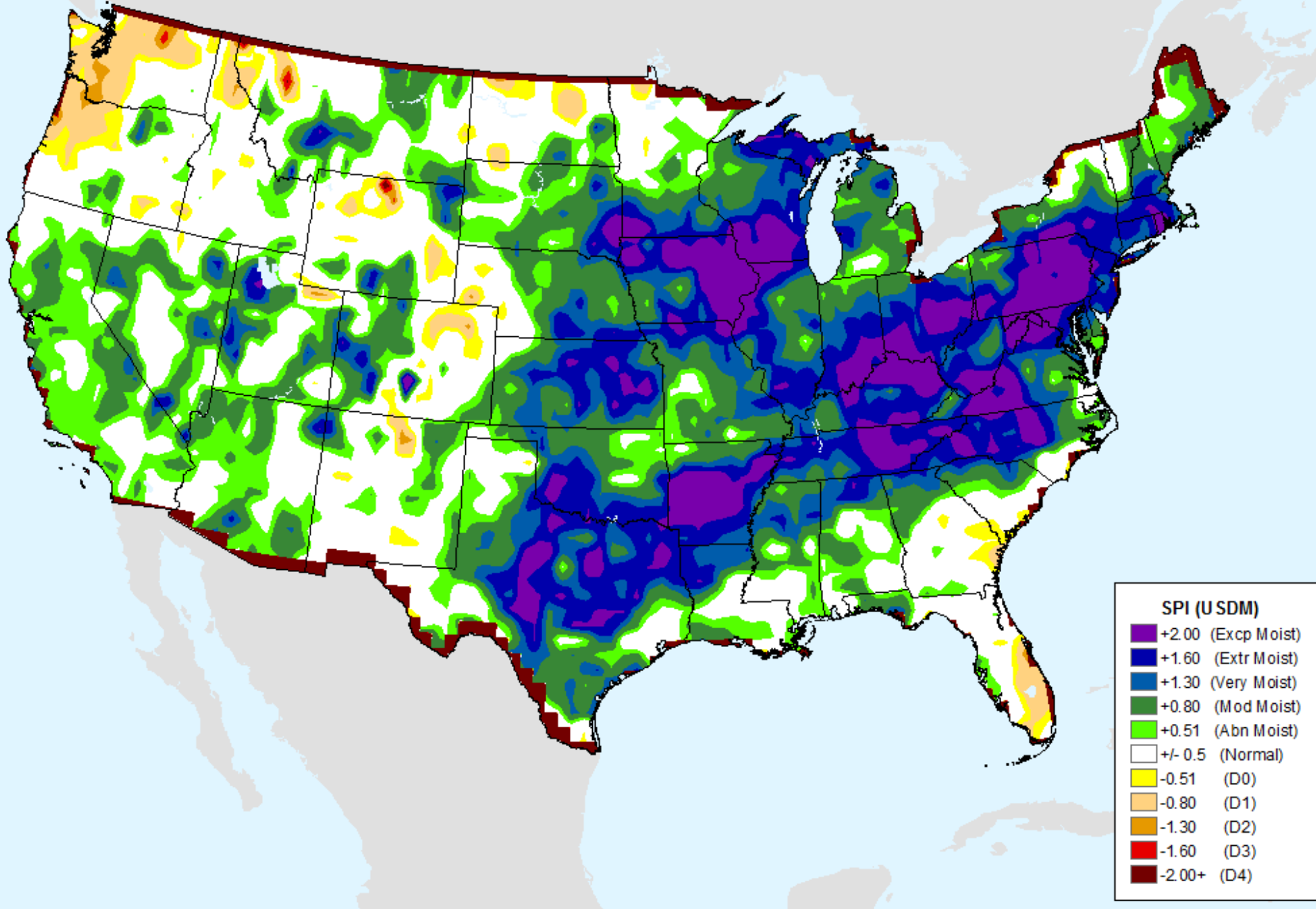
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

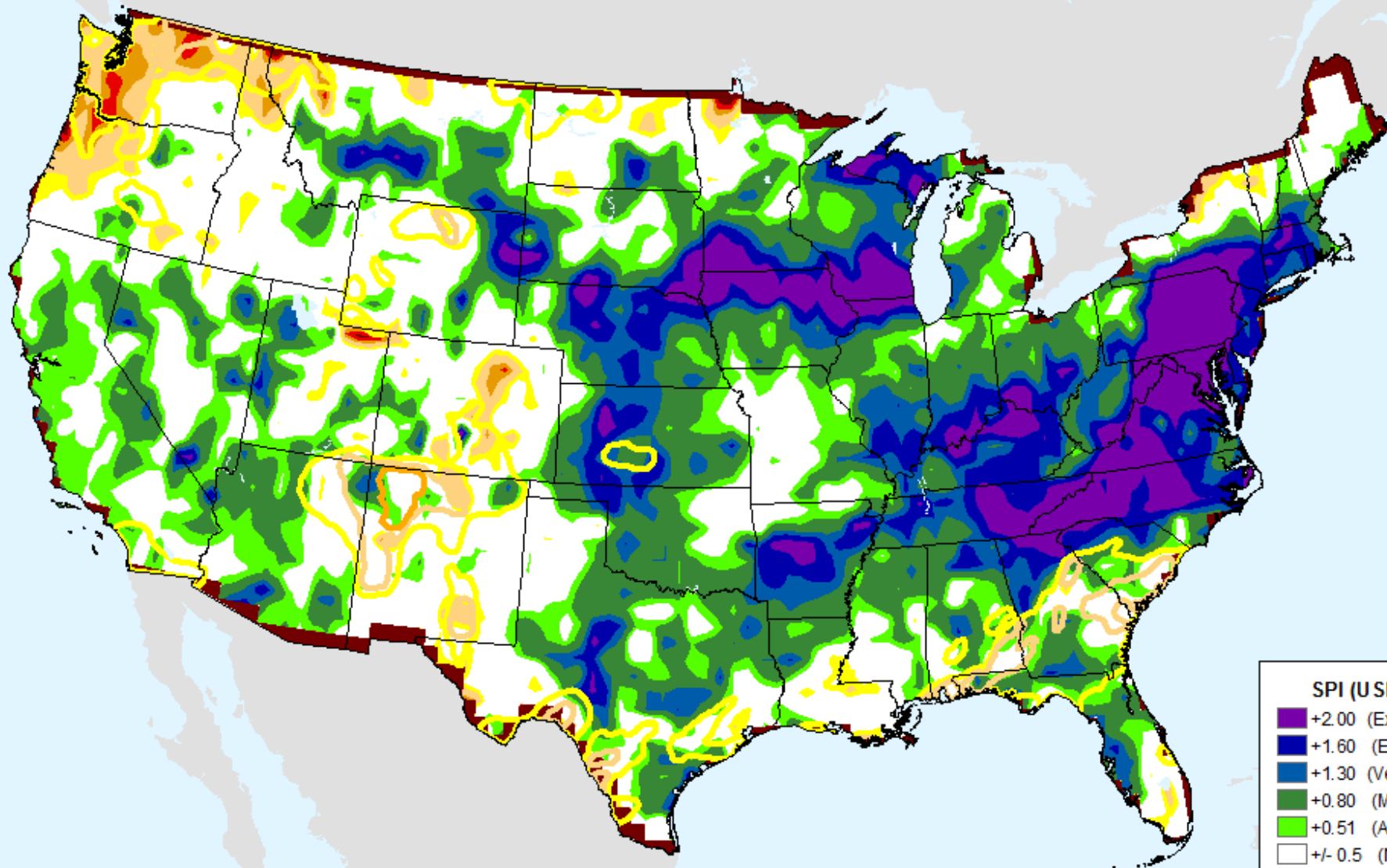
CPC 9-month SPI

As of: Tuesday, May 7, 2019



CPC 12-month SPI

As of: Tuesday, May 7, 2019



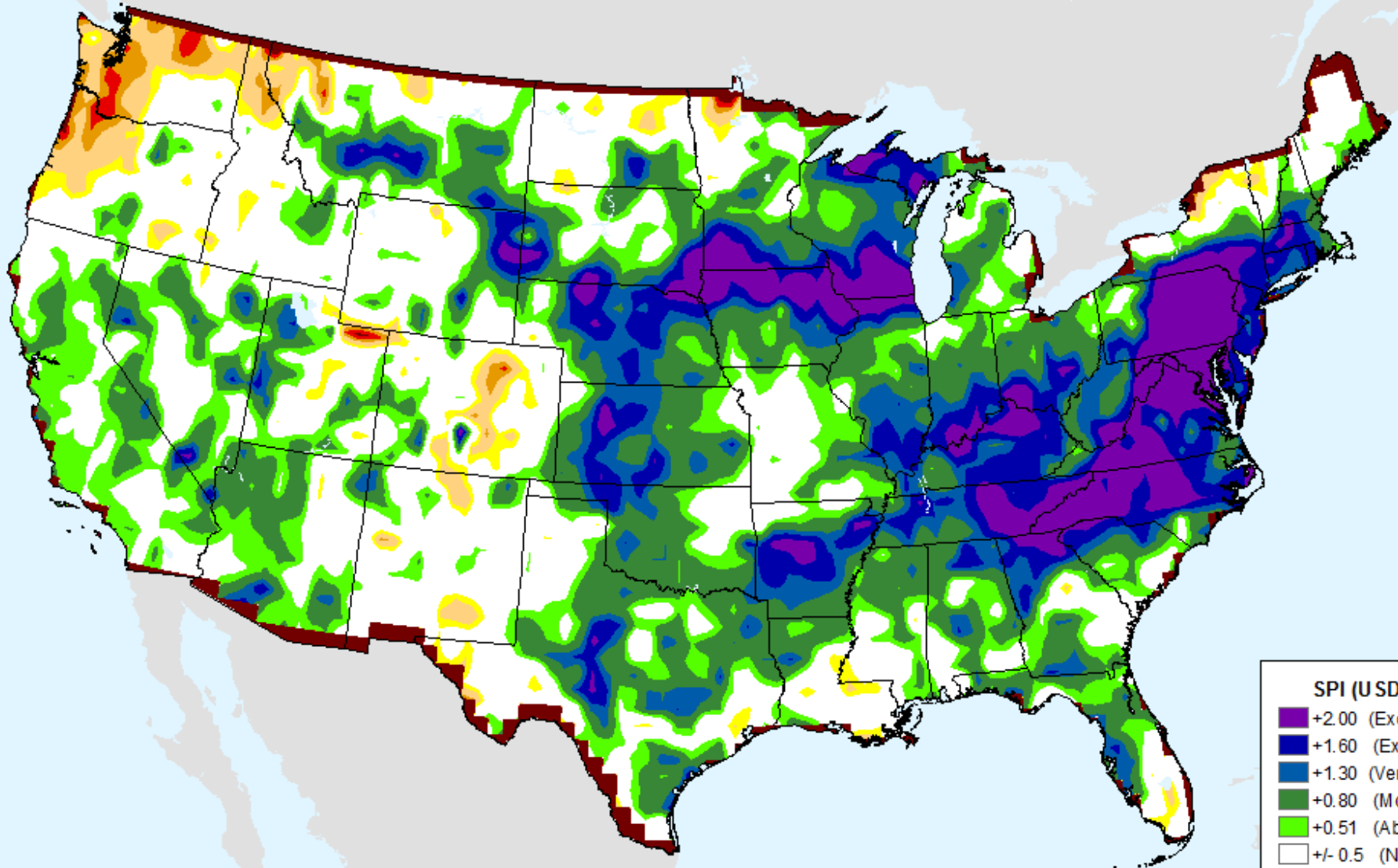
SPI (USDM)

- +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: Apr. 30, 2019

CPC 12-month SPI

As of: Tuesday, May 7, 2019

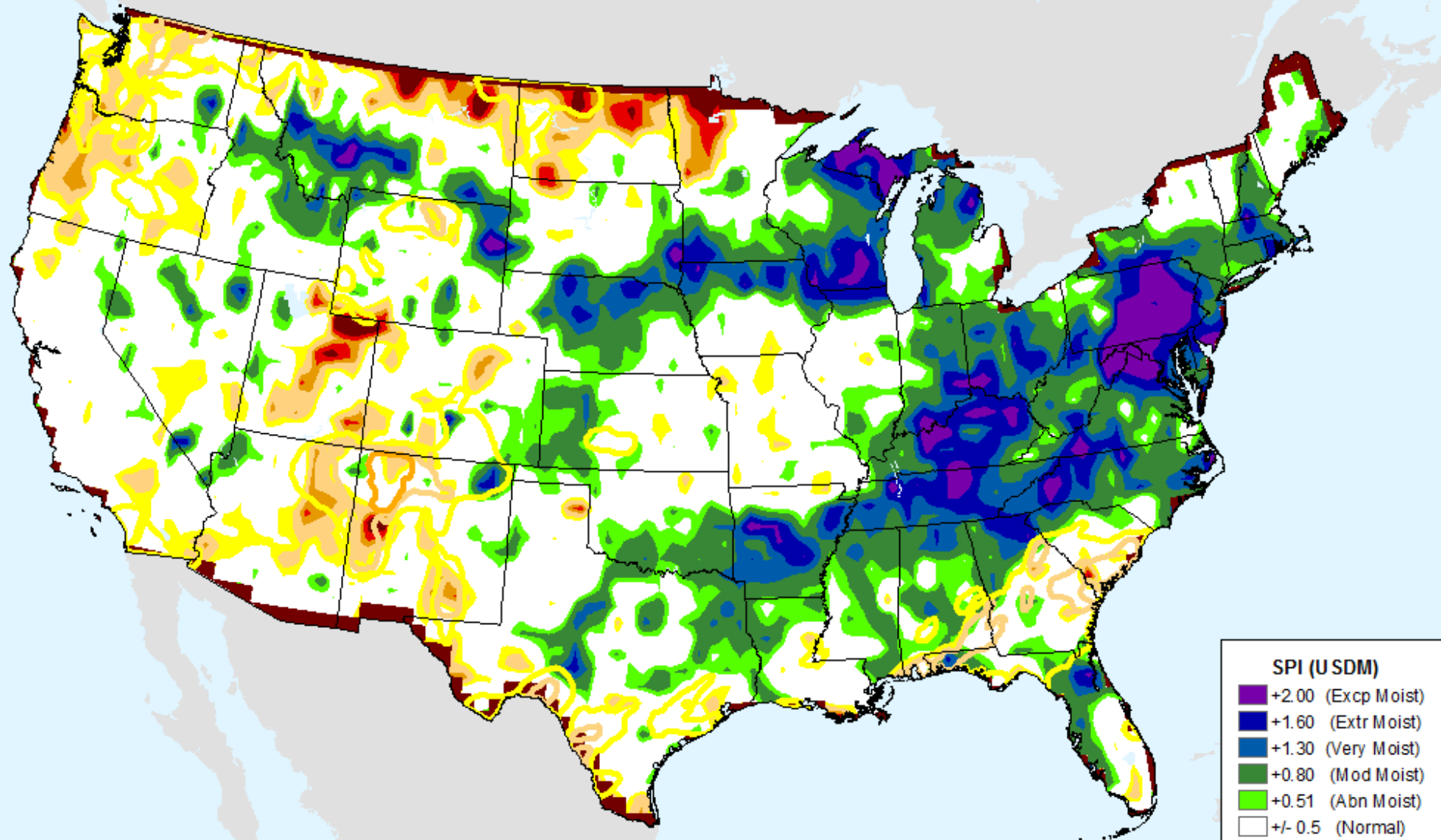


SPI (USDM)

- +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, May 7, 2019



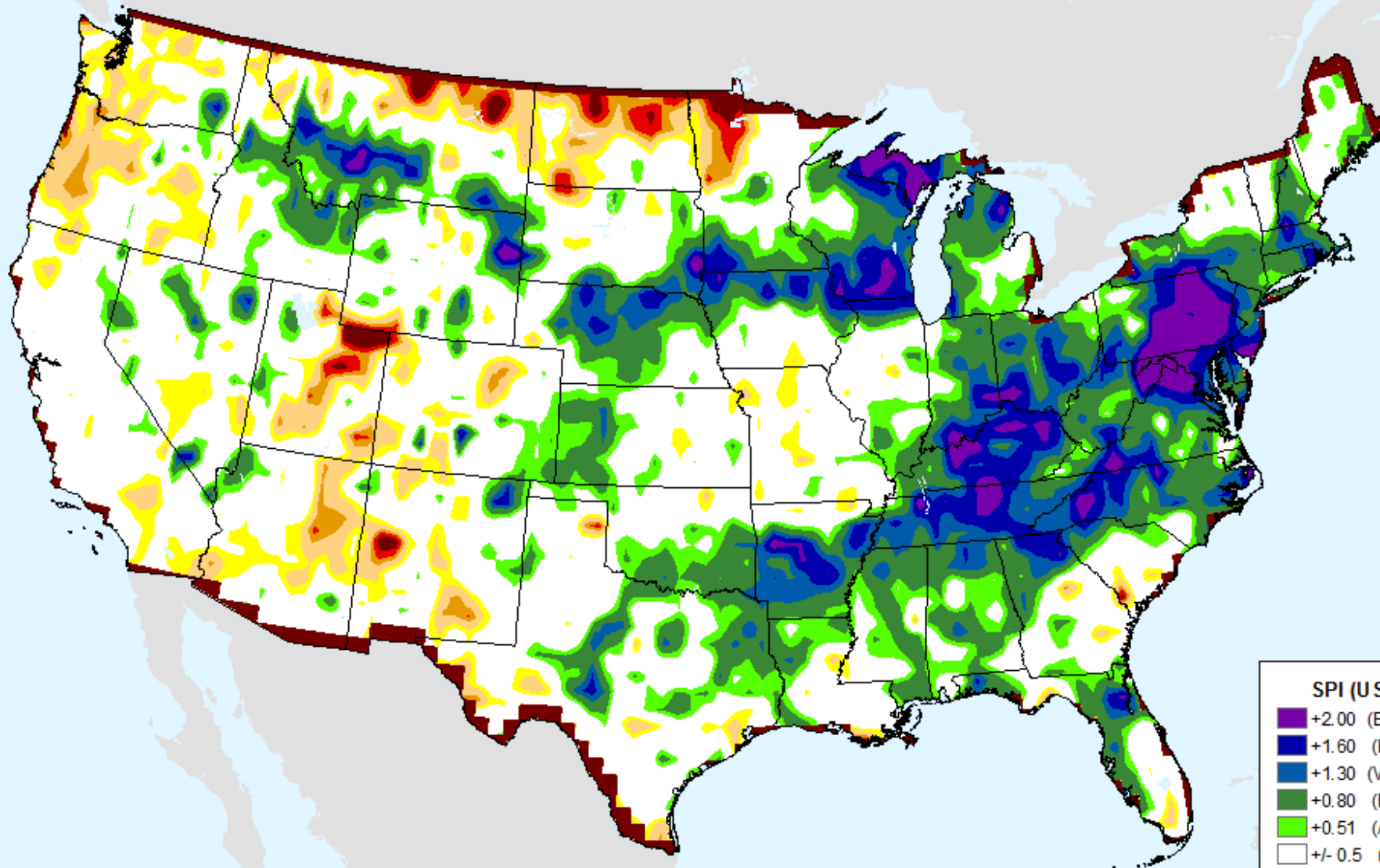
SPI (USDM)

- +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: Apr. 30, 2019

CPC 24-month SPI

As of: Tuesday, May 7, 2019

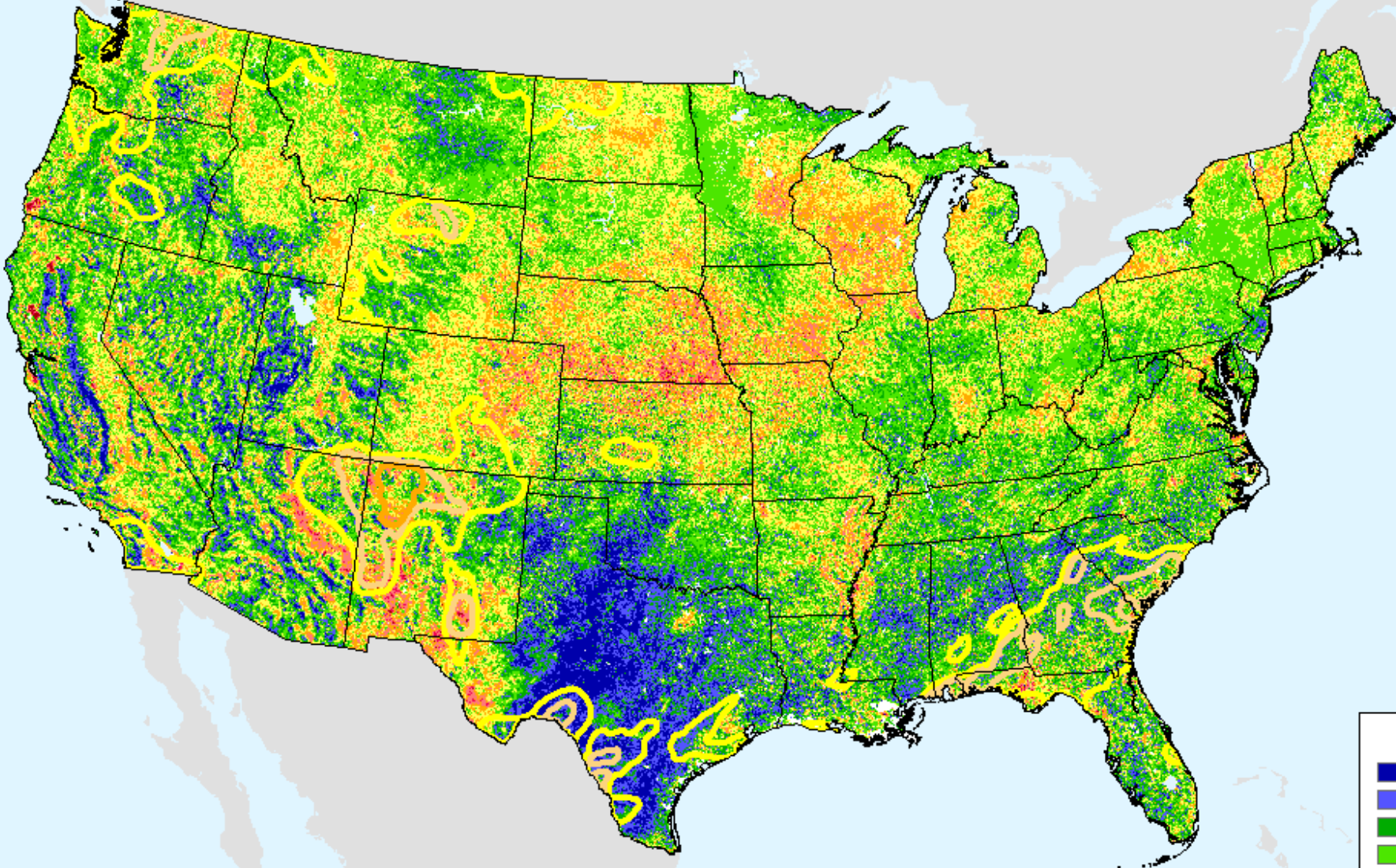


SPI (USDM)

- +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, May 7, 2019

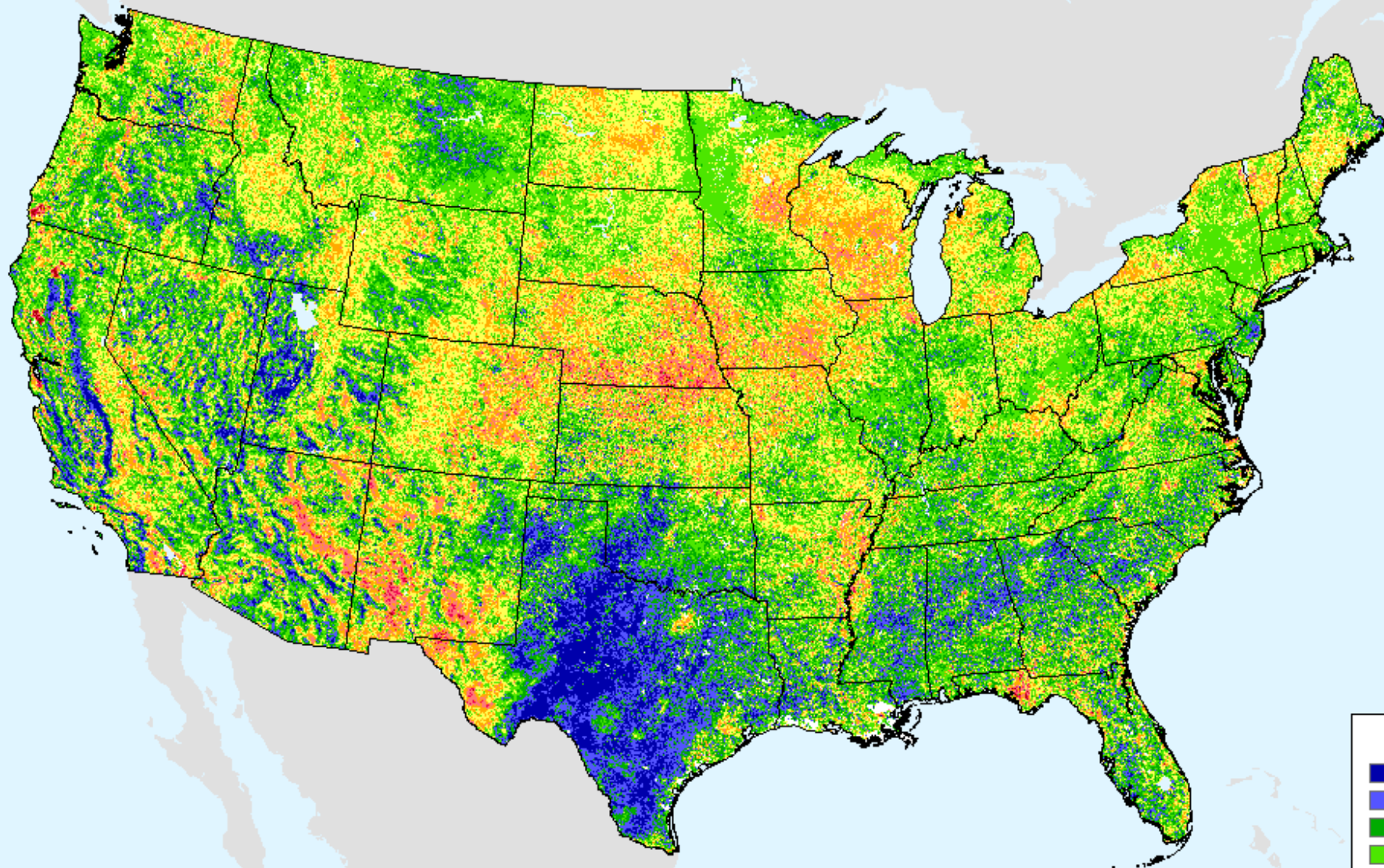


VHI	
85 - 100	Dark Blue
73 - 84	Medium Blue
61 - 72	Green
49 - 60	Light Green
37 - 48	Yellow
25 - 36	Orange
13 - 24	Red
7 - 12	Pink
1 - 6	Dark Red

USDM for: Apr. 30, 2019

Vegetation Health Index

As of: Tuesday, May 7, 2019

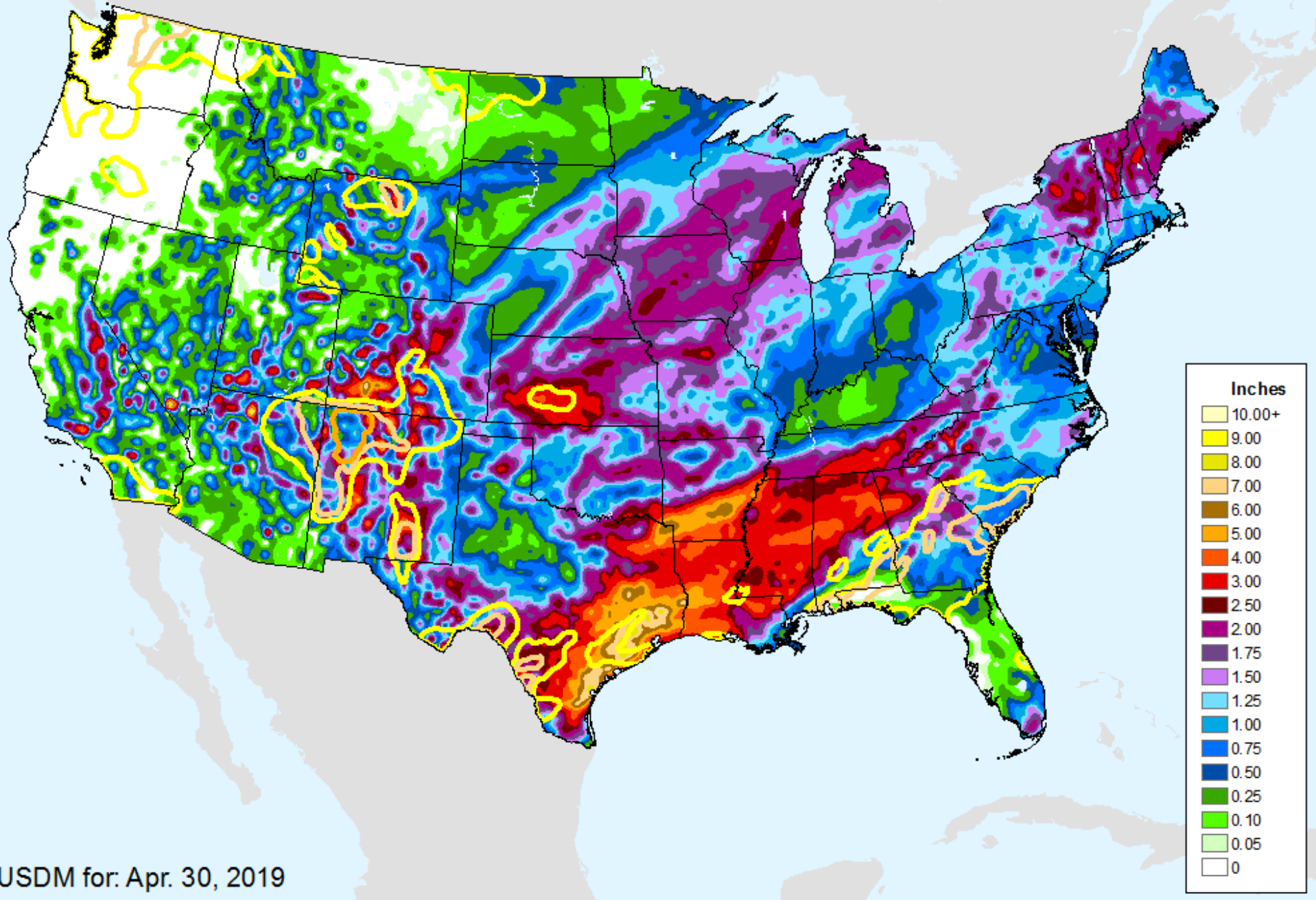


VHI

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

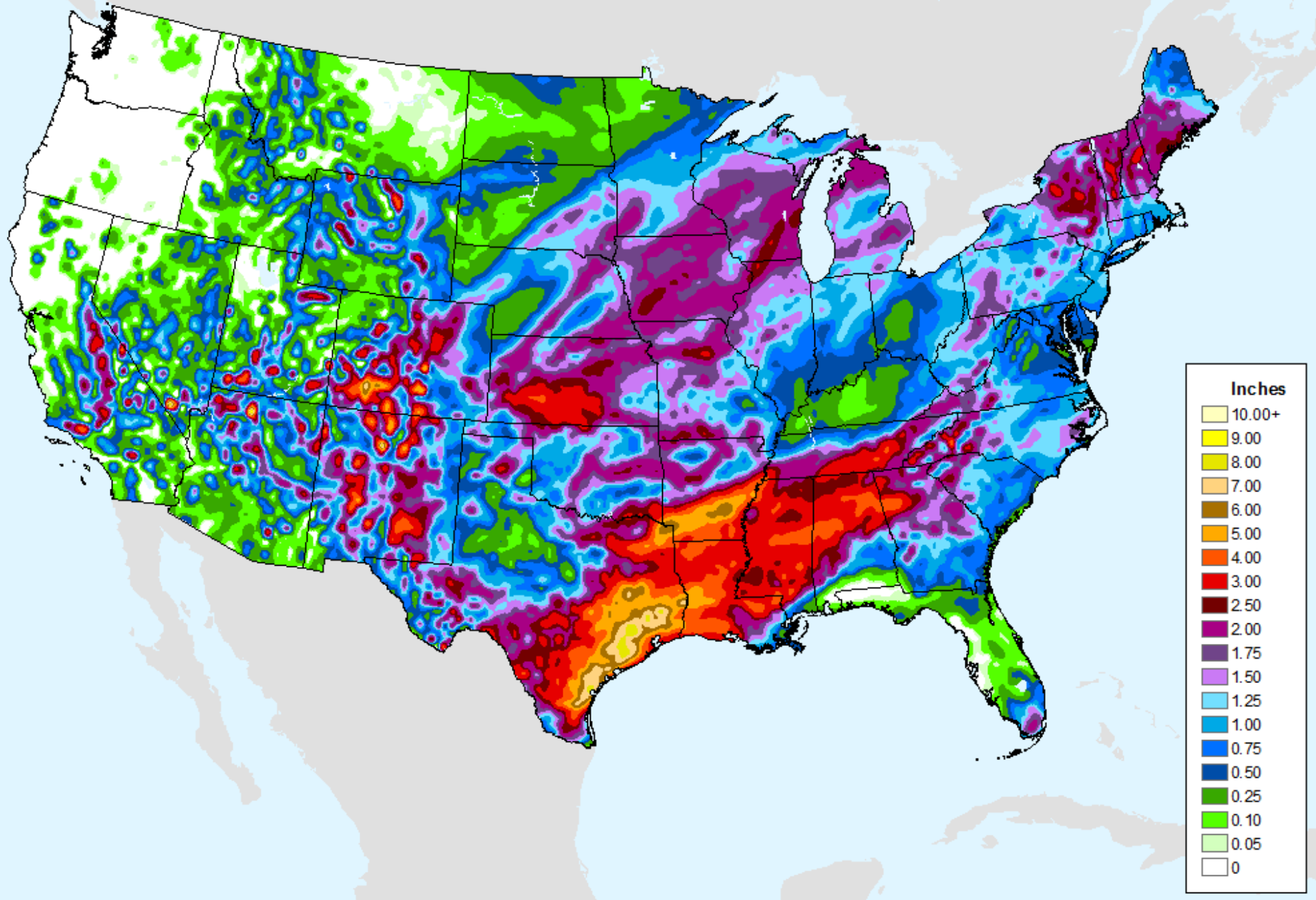
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, May 7, 2019



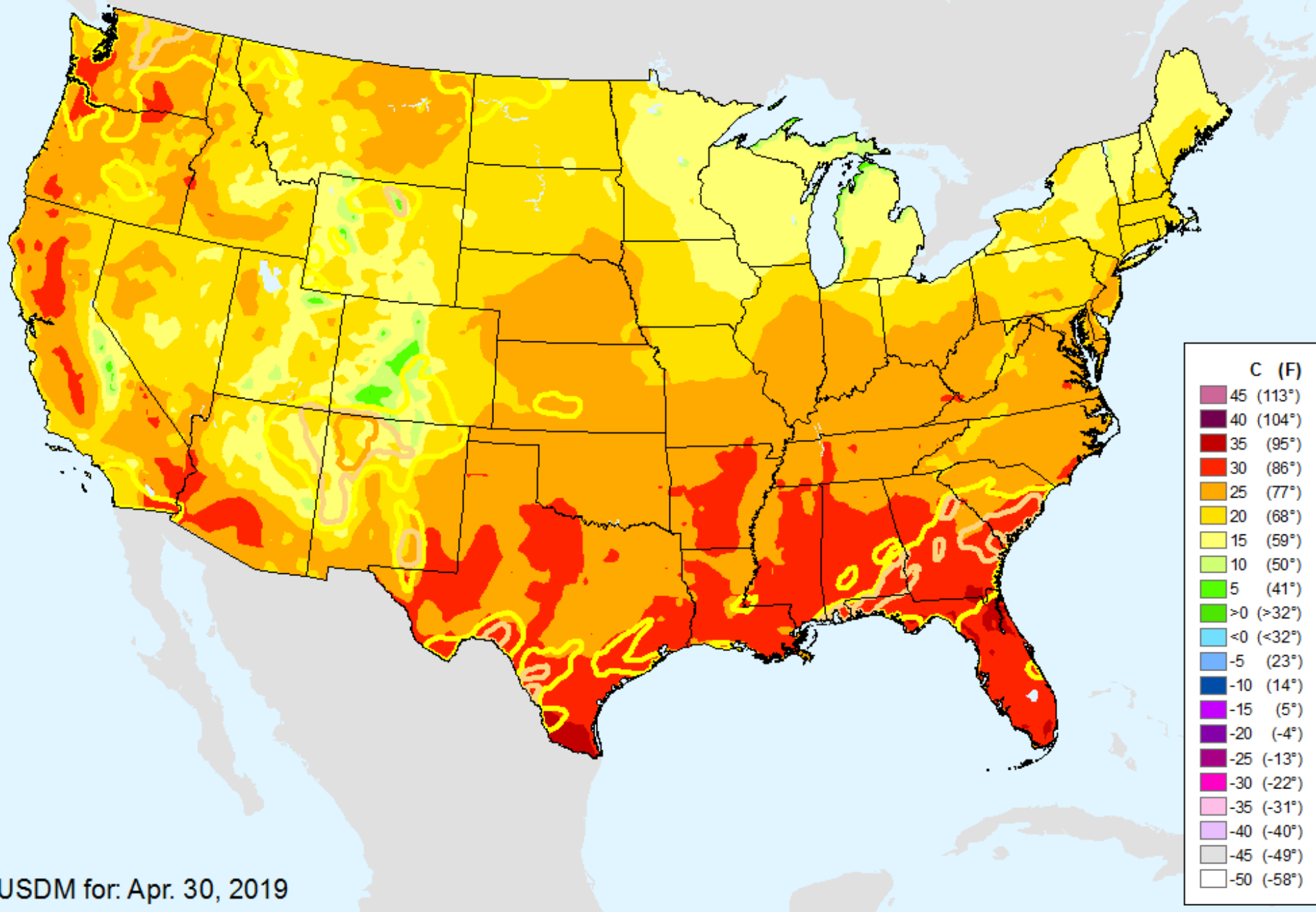
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, May 7, 2019



GFS (00z) 7-Day Max Temp Forecast

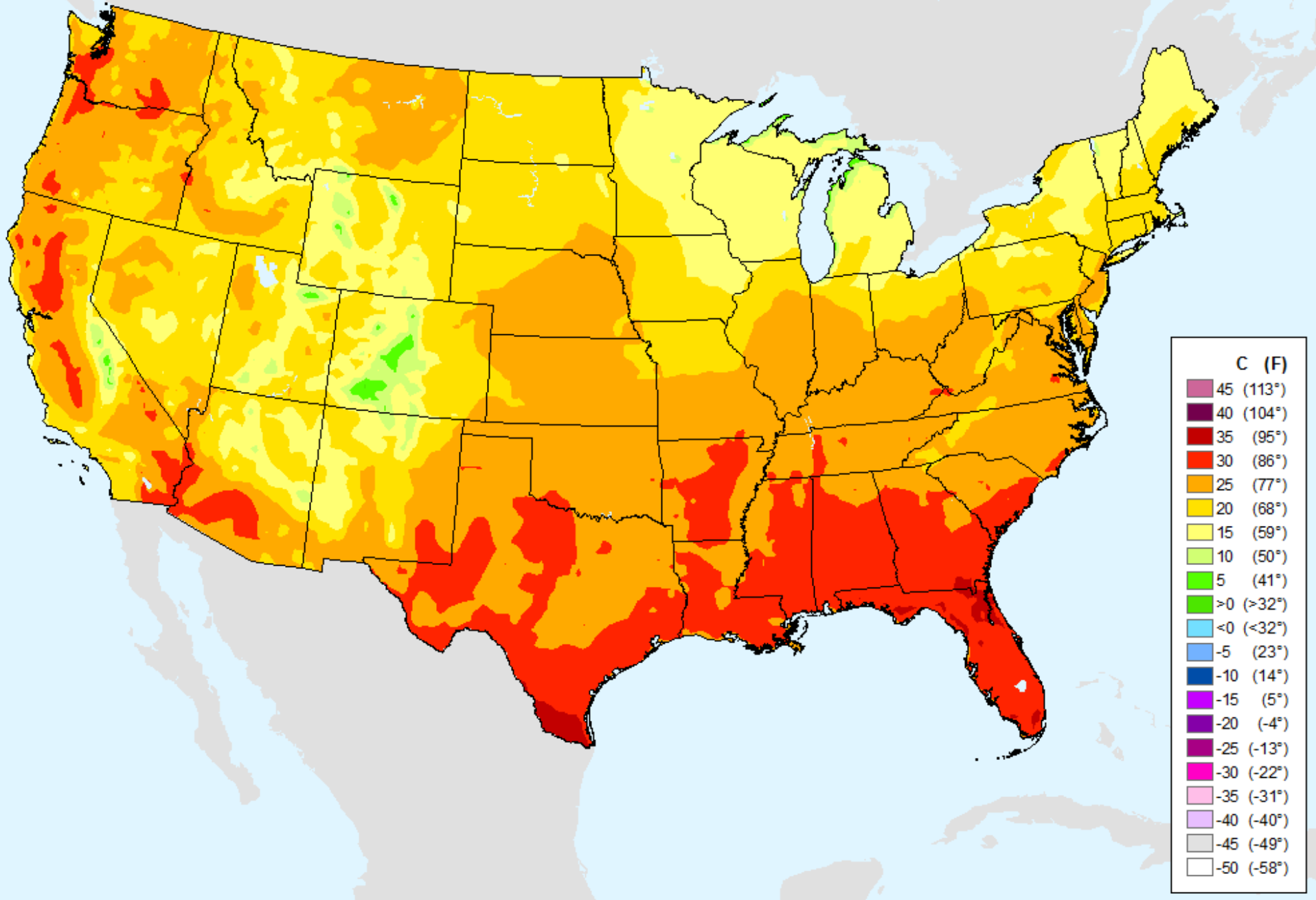
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

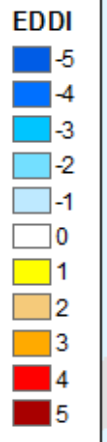
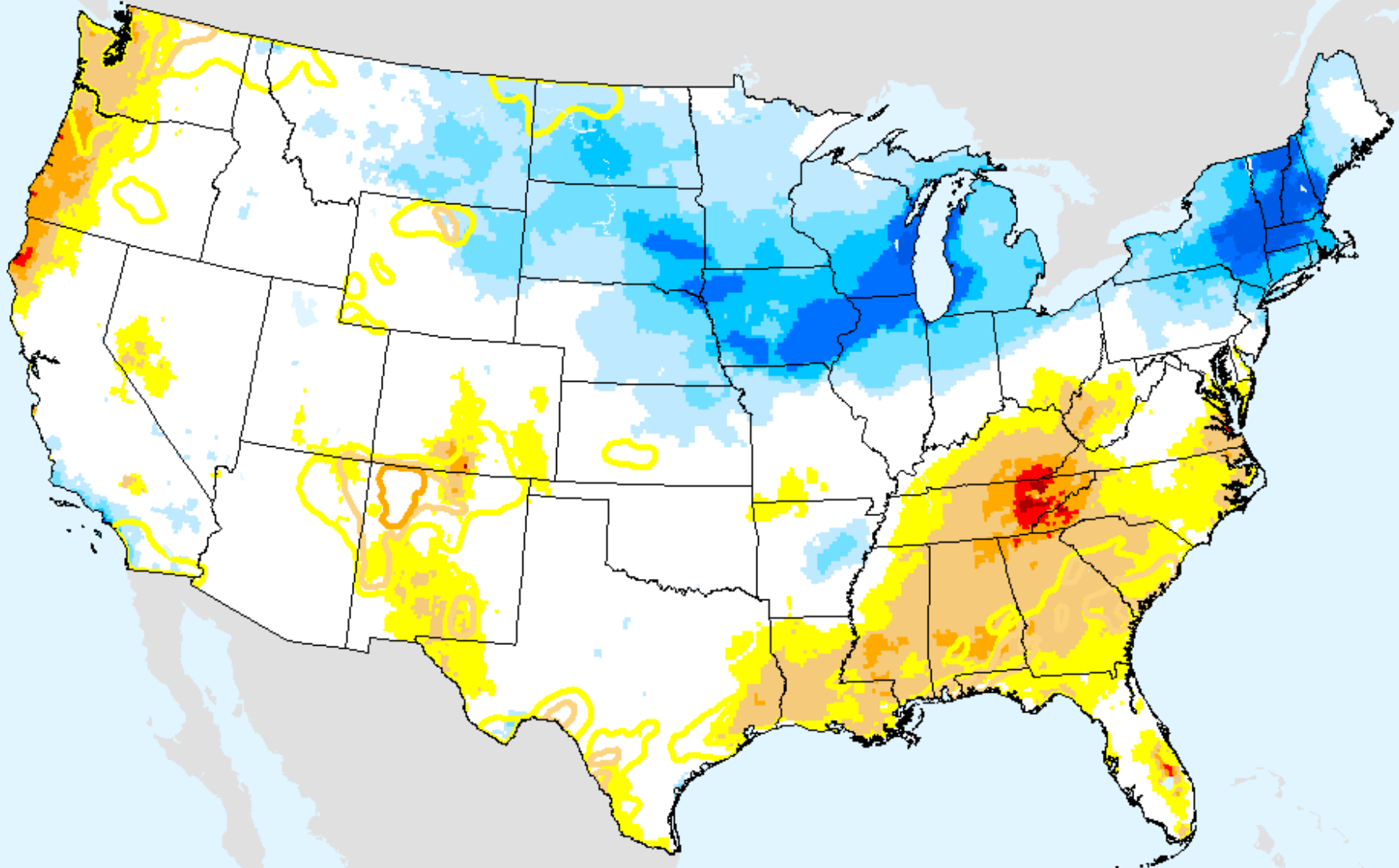
GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, May 7, 2019



EDDI 1-week

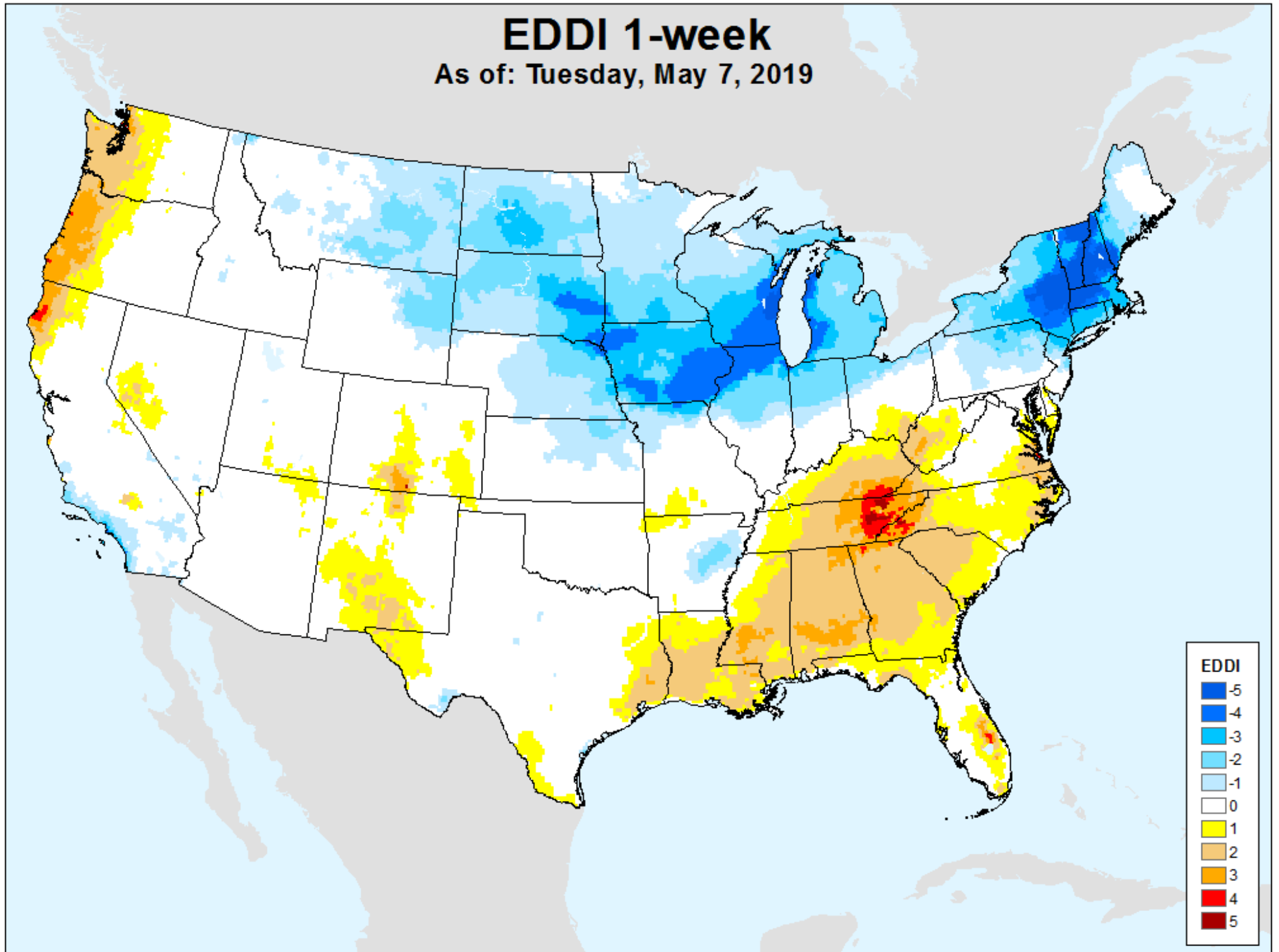
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

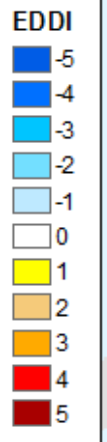
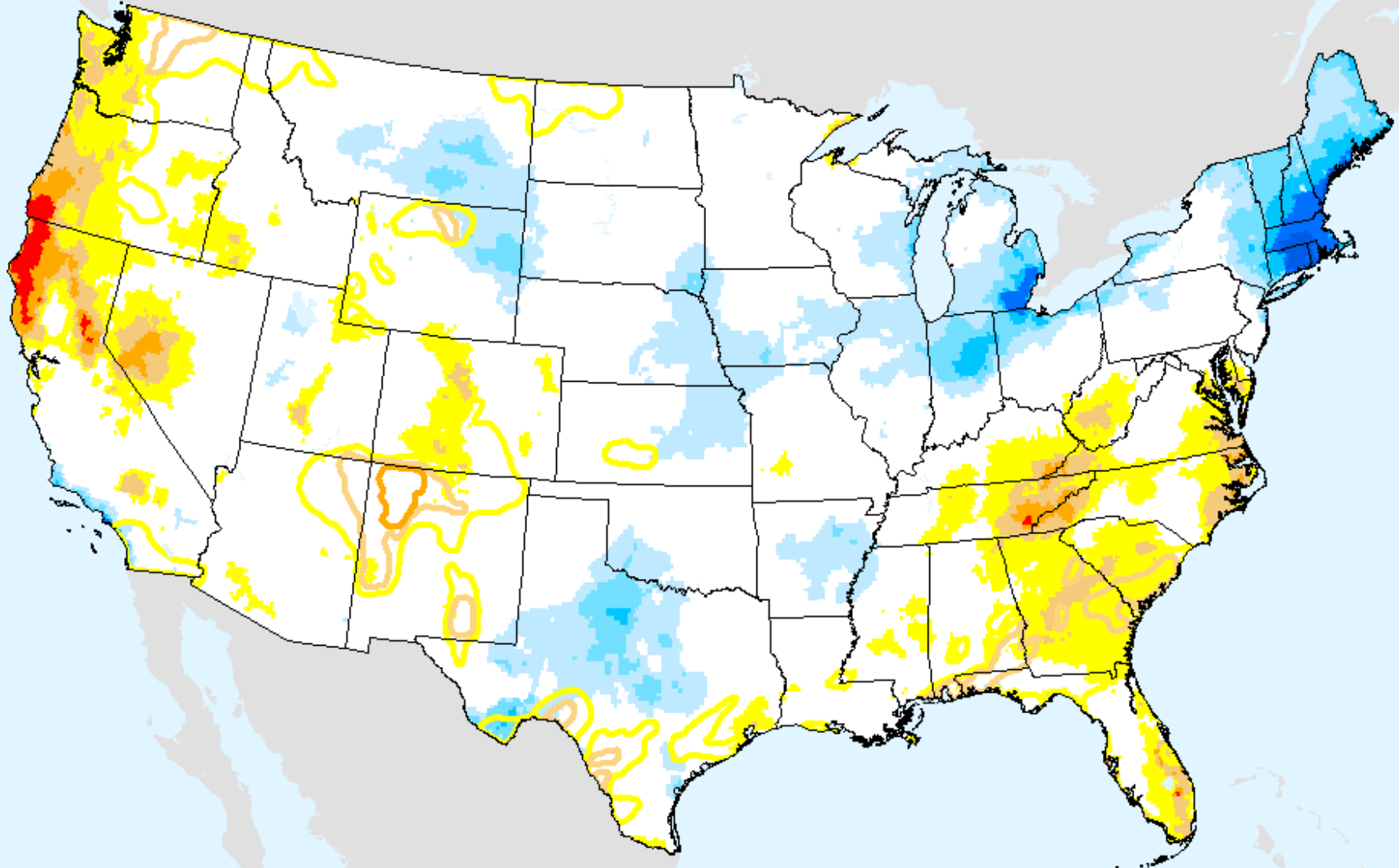
EDDI 1-week

As of: Tuesday, May 7, 2019



EDDI 2-week

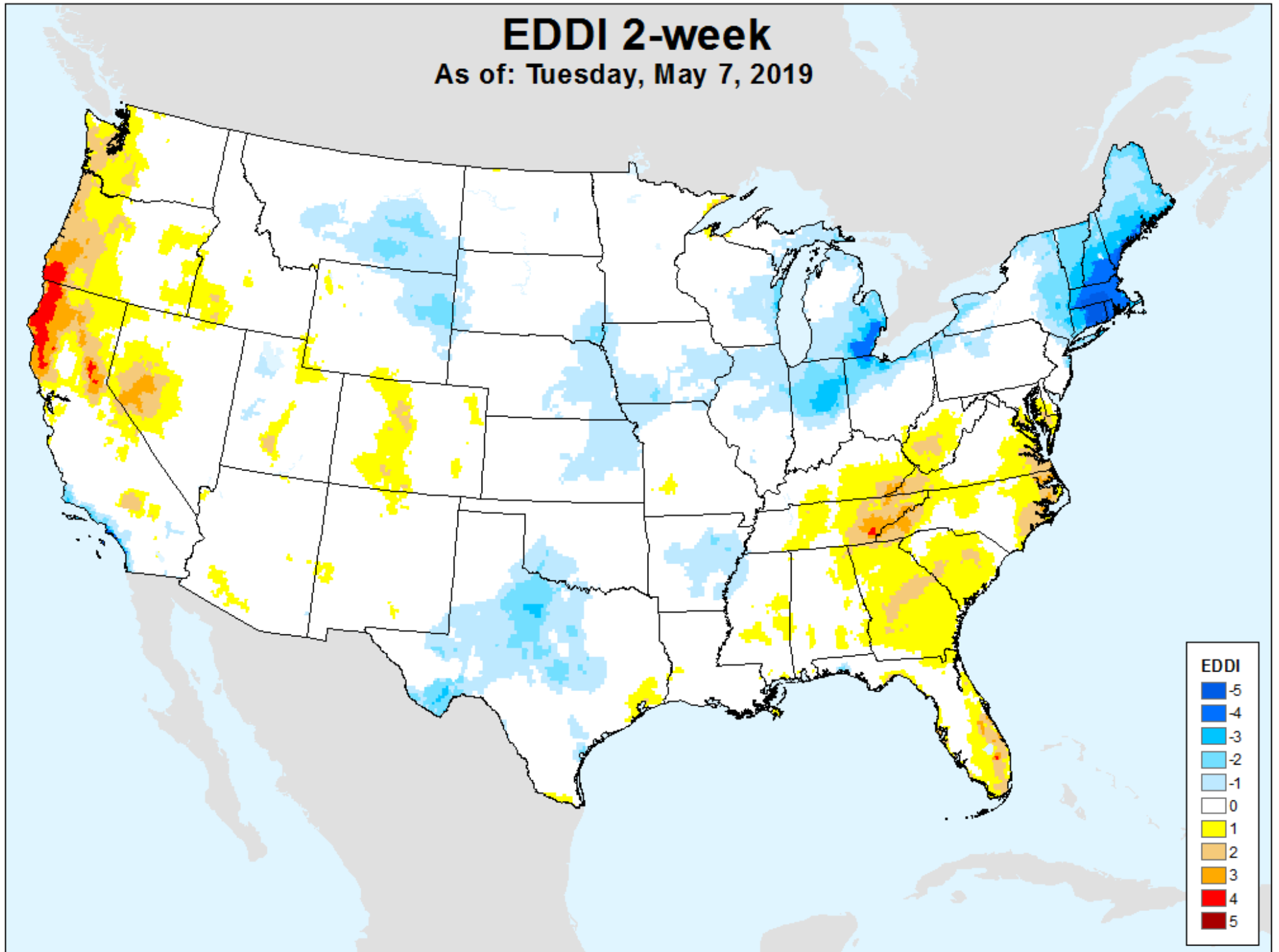
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

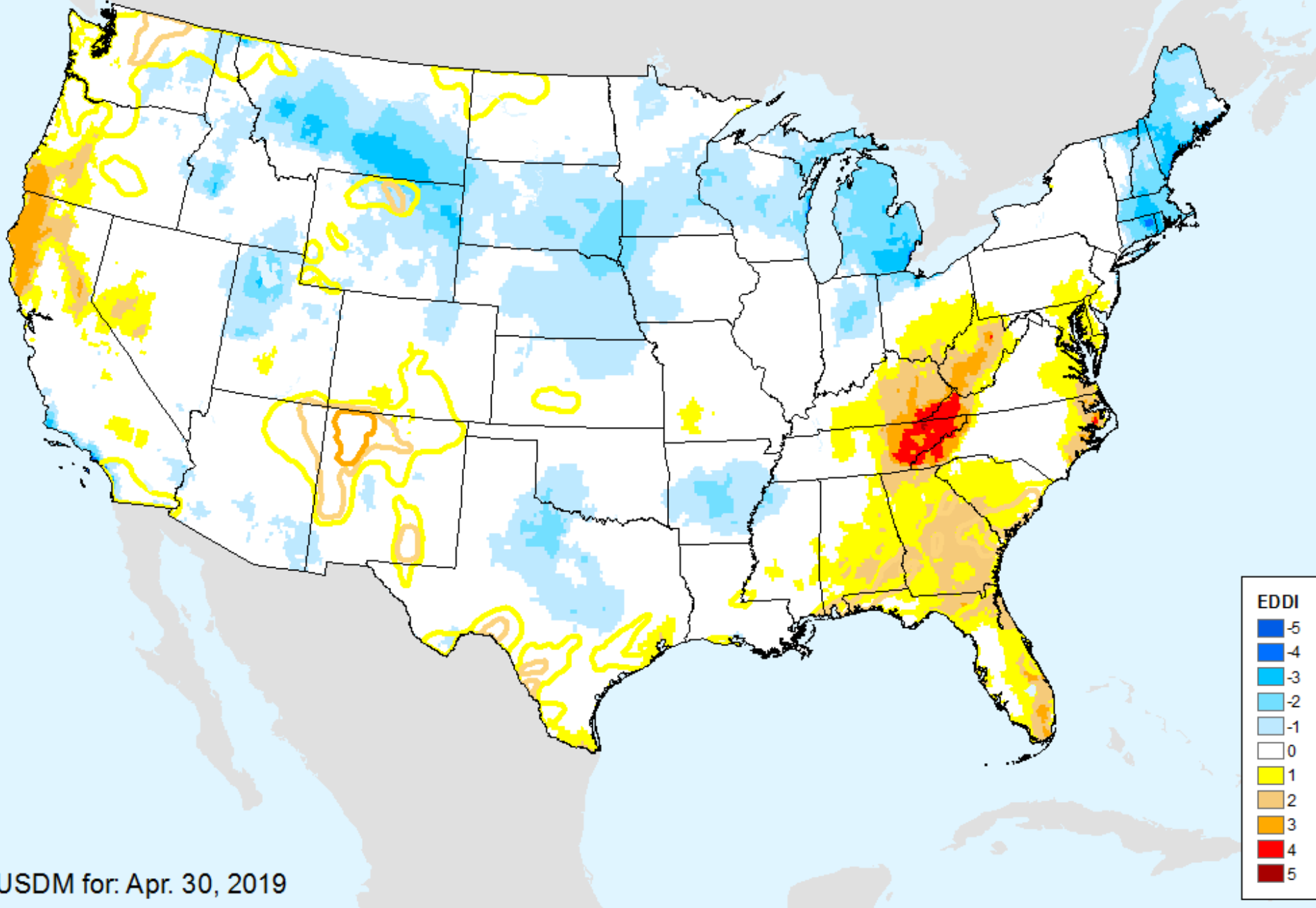
EDDI 2-week

As of: Tuesday, May 7, 2019



EDDI 3-week

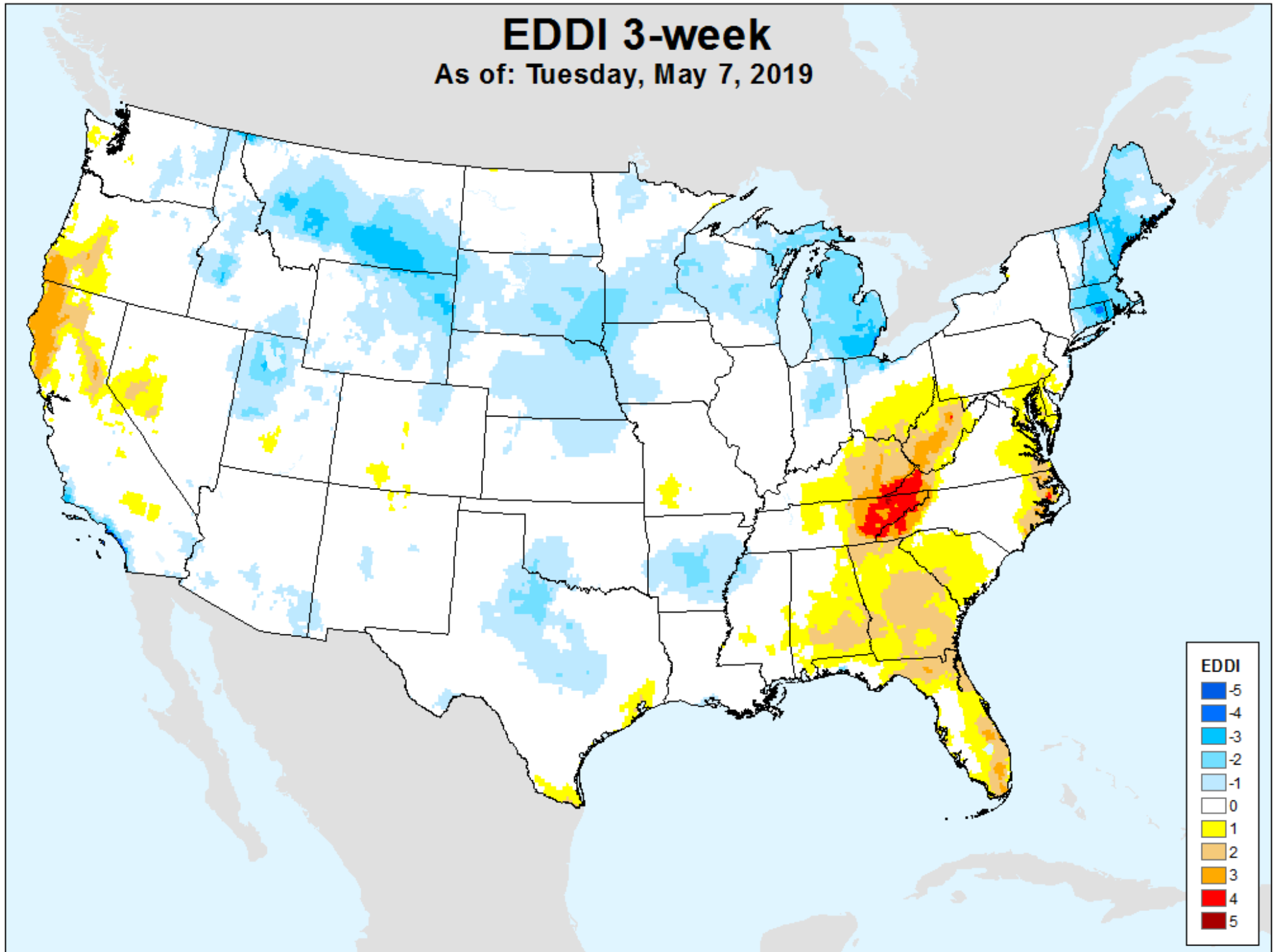
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

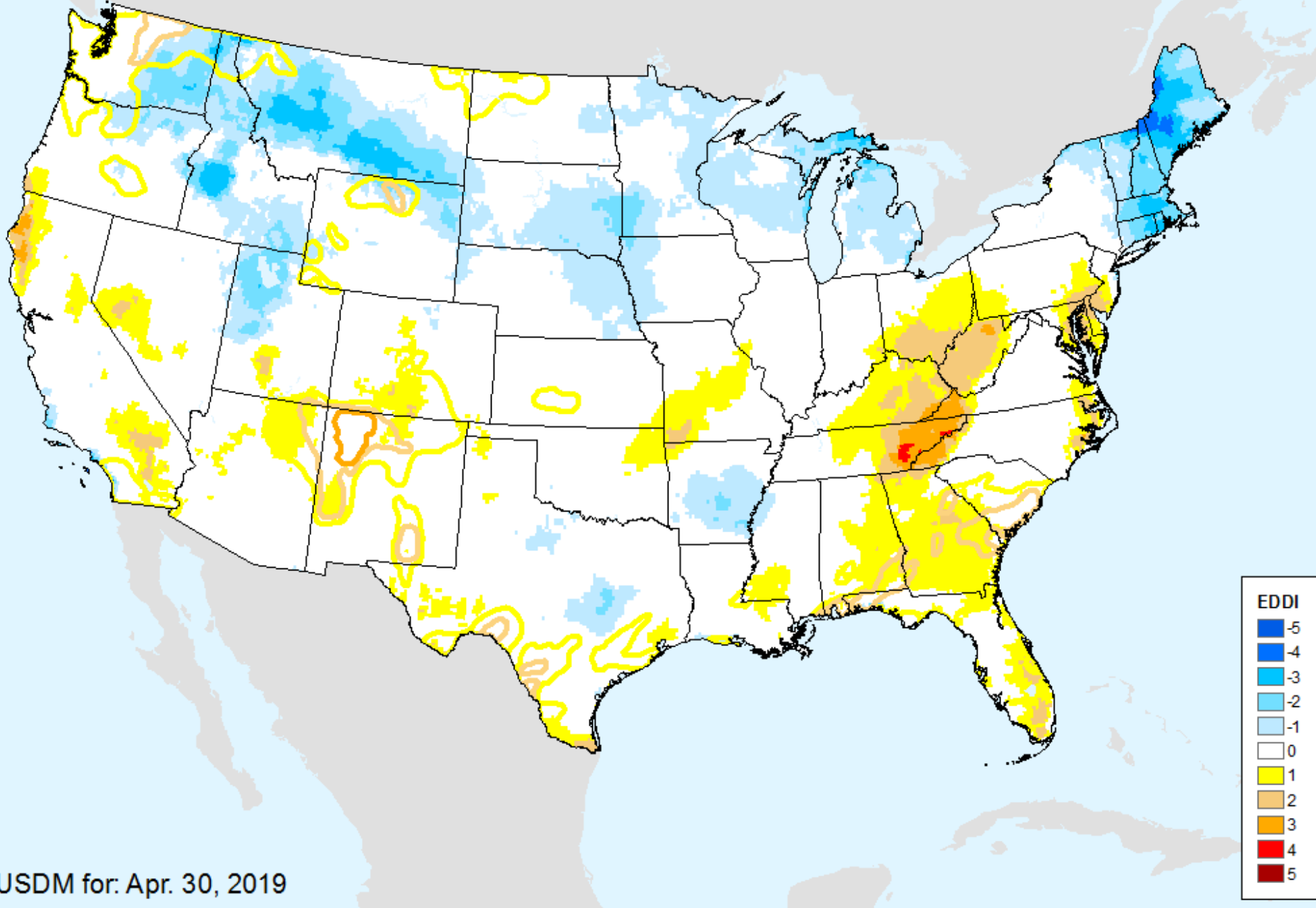
EDDI 3-week

As of: Tuesday, May 7, 2019



EDDI 4-week

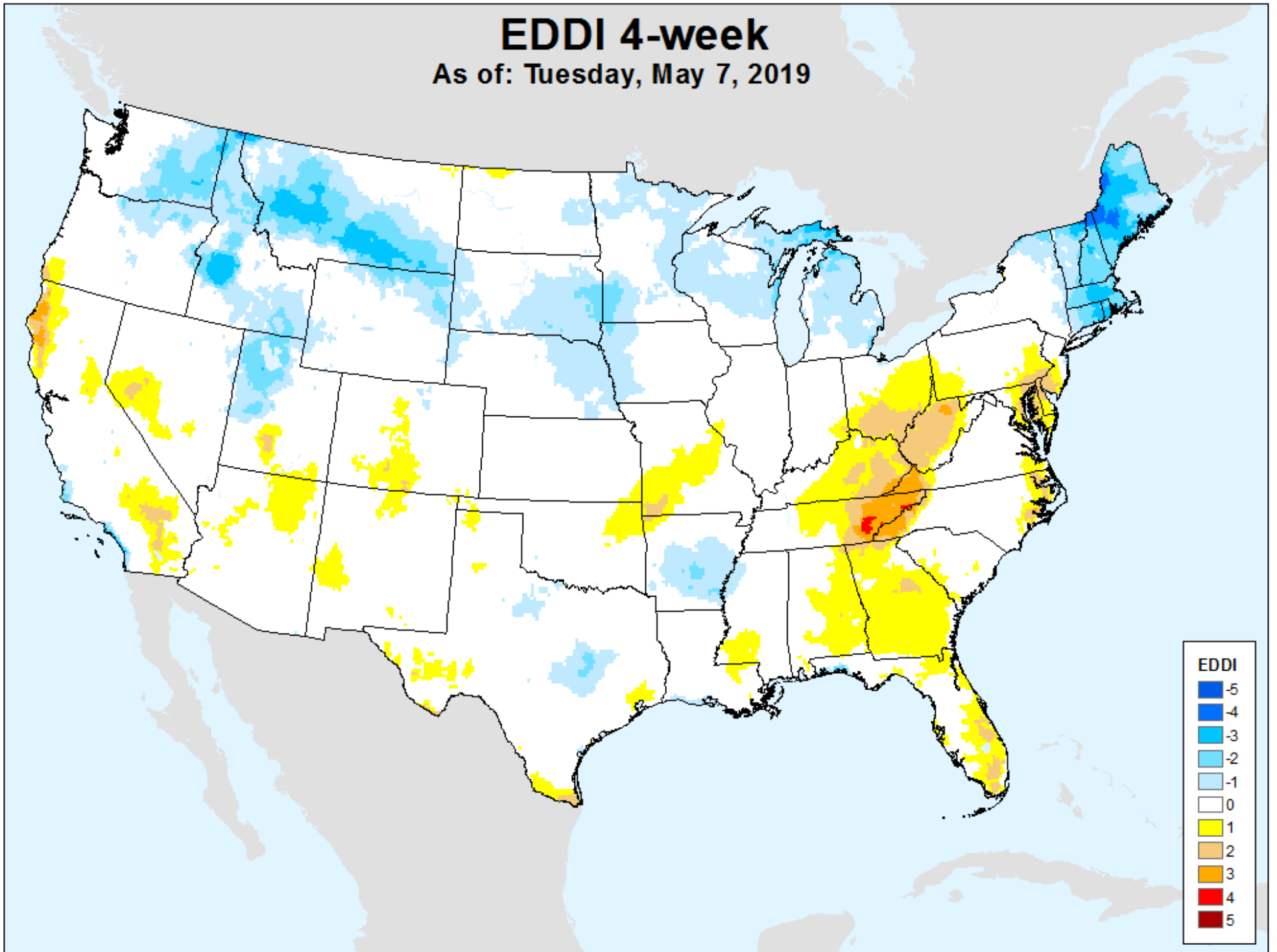
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

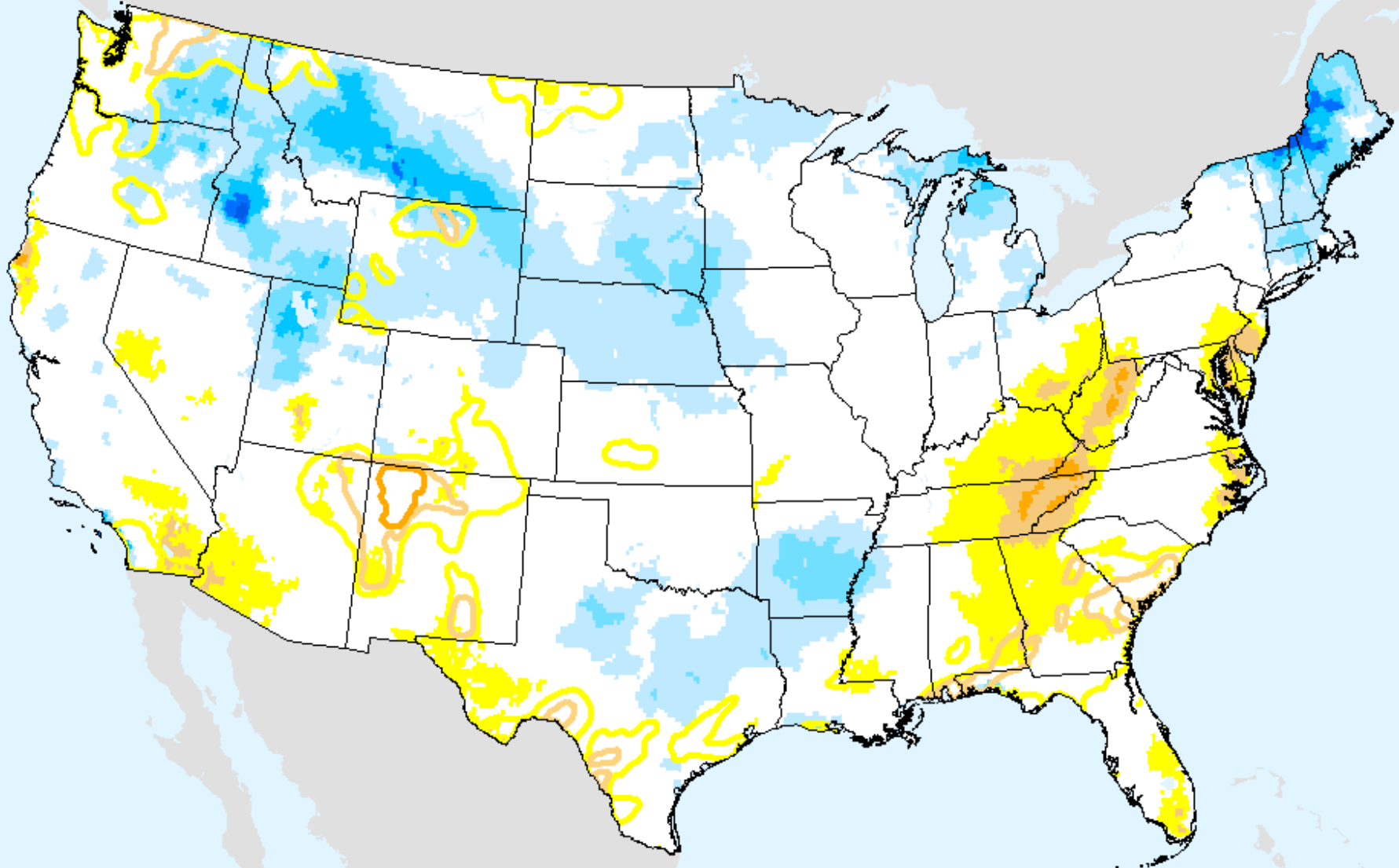
EDDI 4-week

As of: Tuesday, May 7, 2019



EDDI 5-week

As of: Tuesday, May 7, 2019

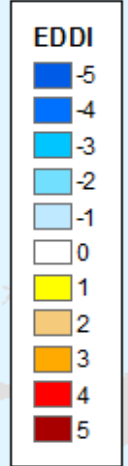
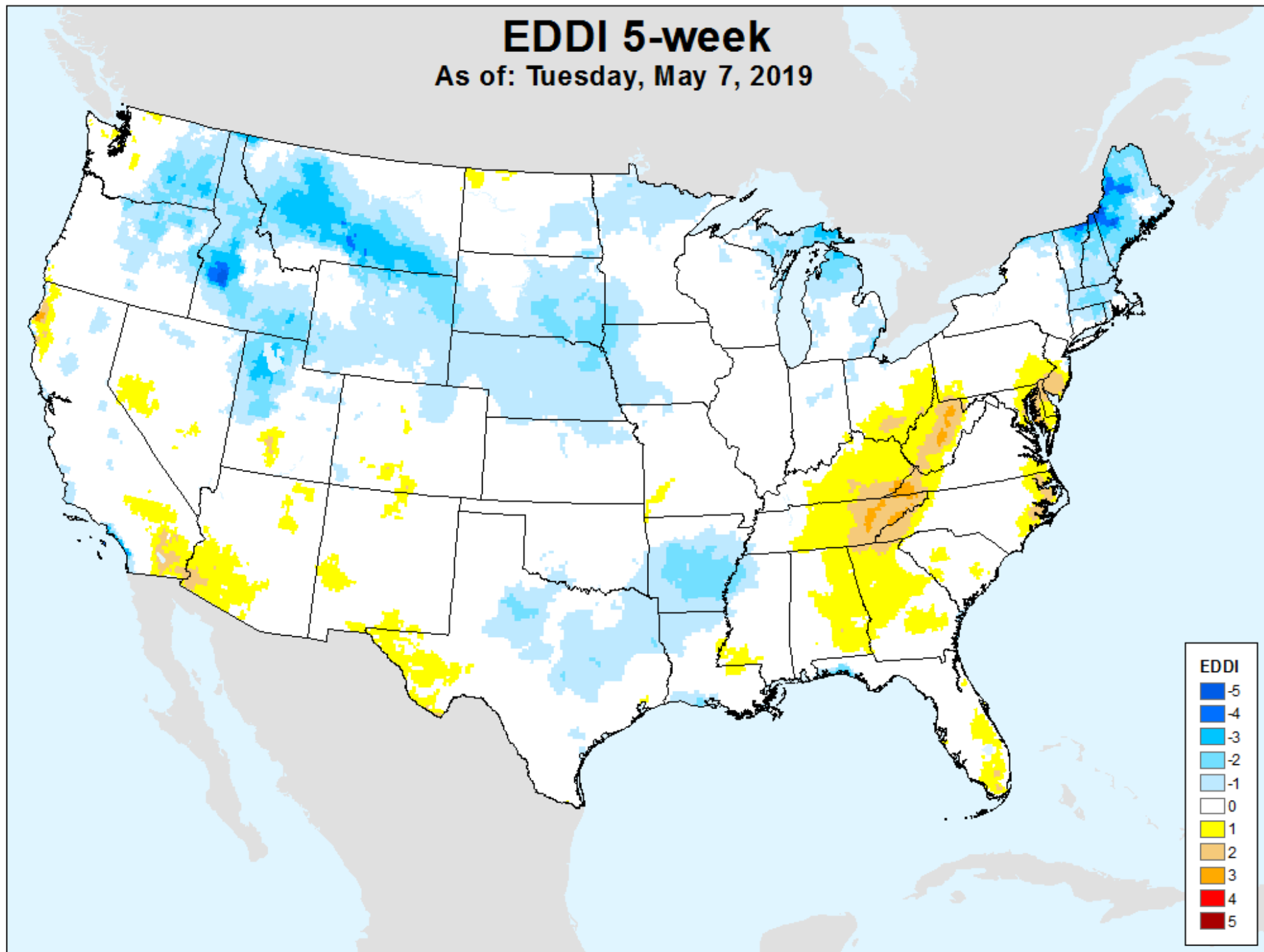


EDDI	
5	Blue
4	Dark Blue
3	Light Blue
2	Lighter Blue
1	Very Light Blue
0	White
1	Yellow
2	Light Orange
3	Orange
4	Red-Orange
5	Red

USDM for: Apr. 30, 2019

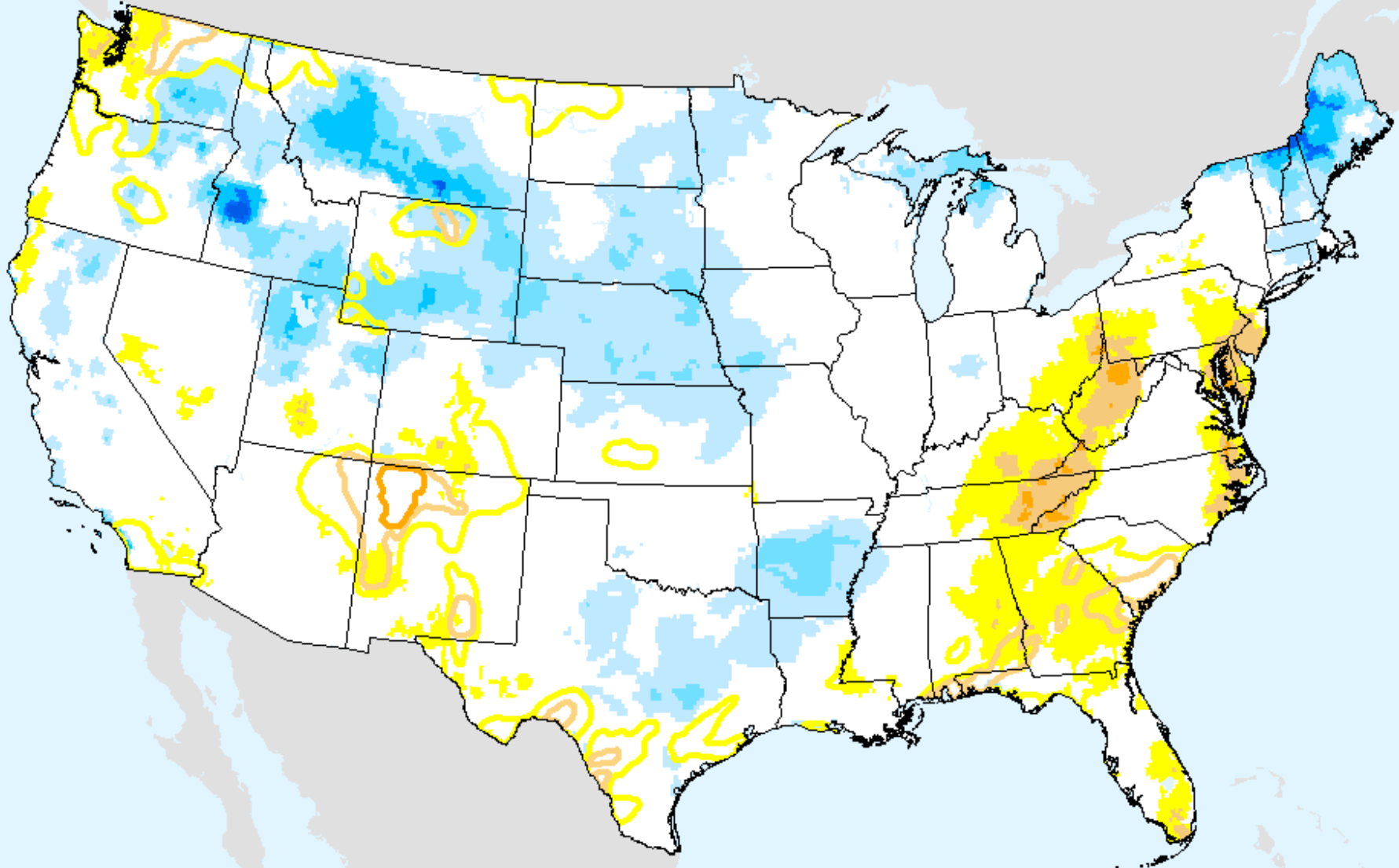
EDDI 5-week

As of: Tuesday, May 7, 2019



EDDI 6-week

As of: Tuesday, May 7, 2019

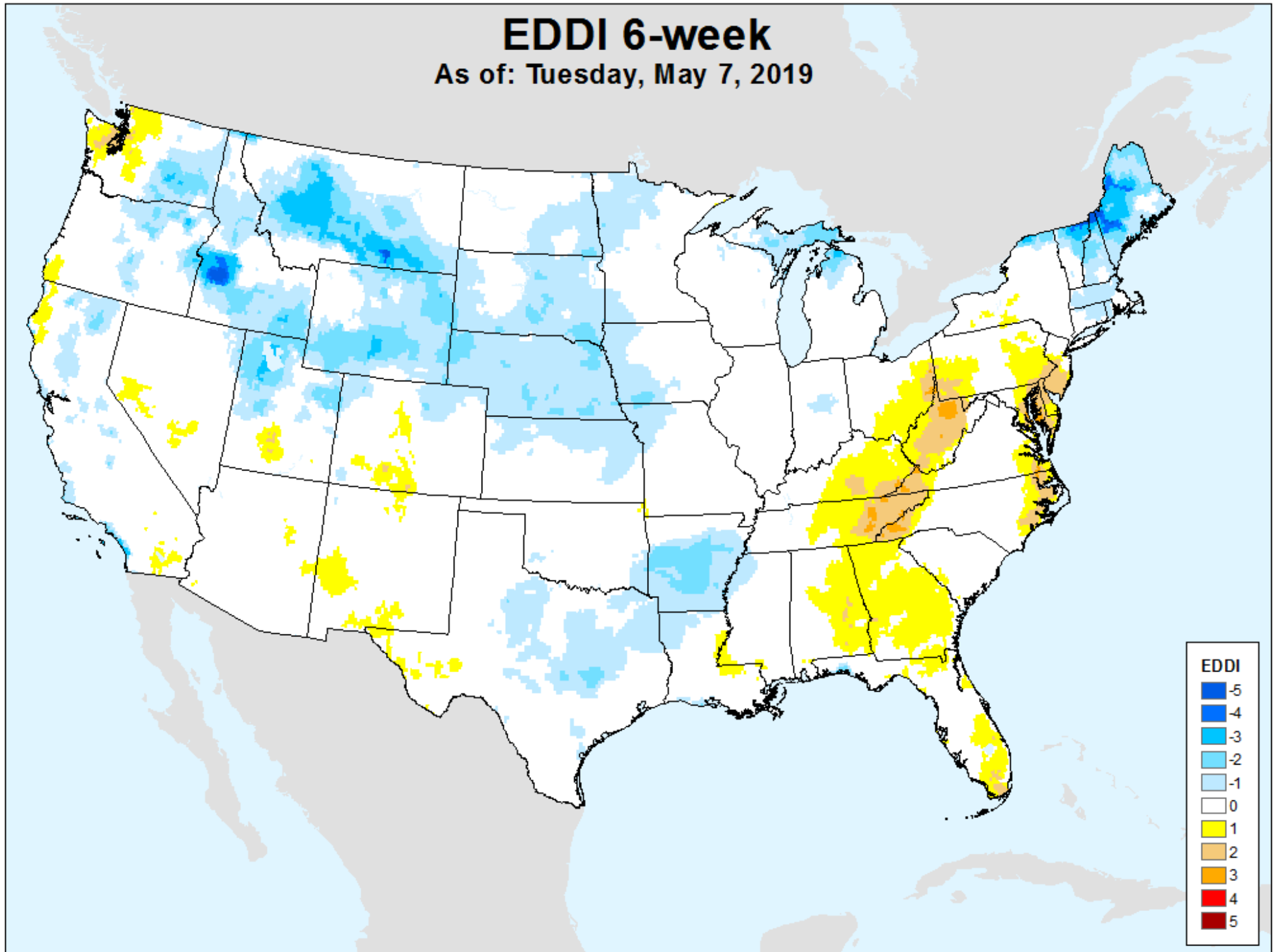


EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Light Orange	2
Orange	3
Red	4
Dark Red	5

USDM for: Apr. 30, 2019

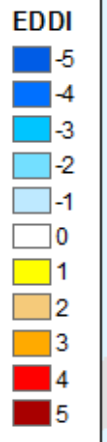
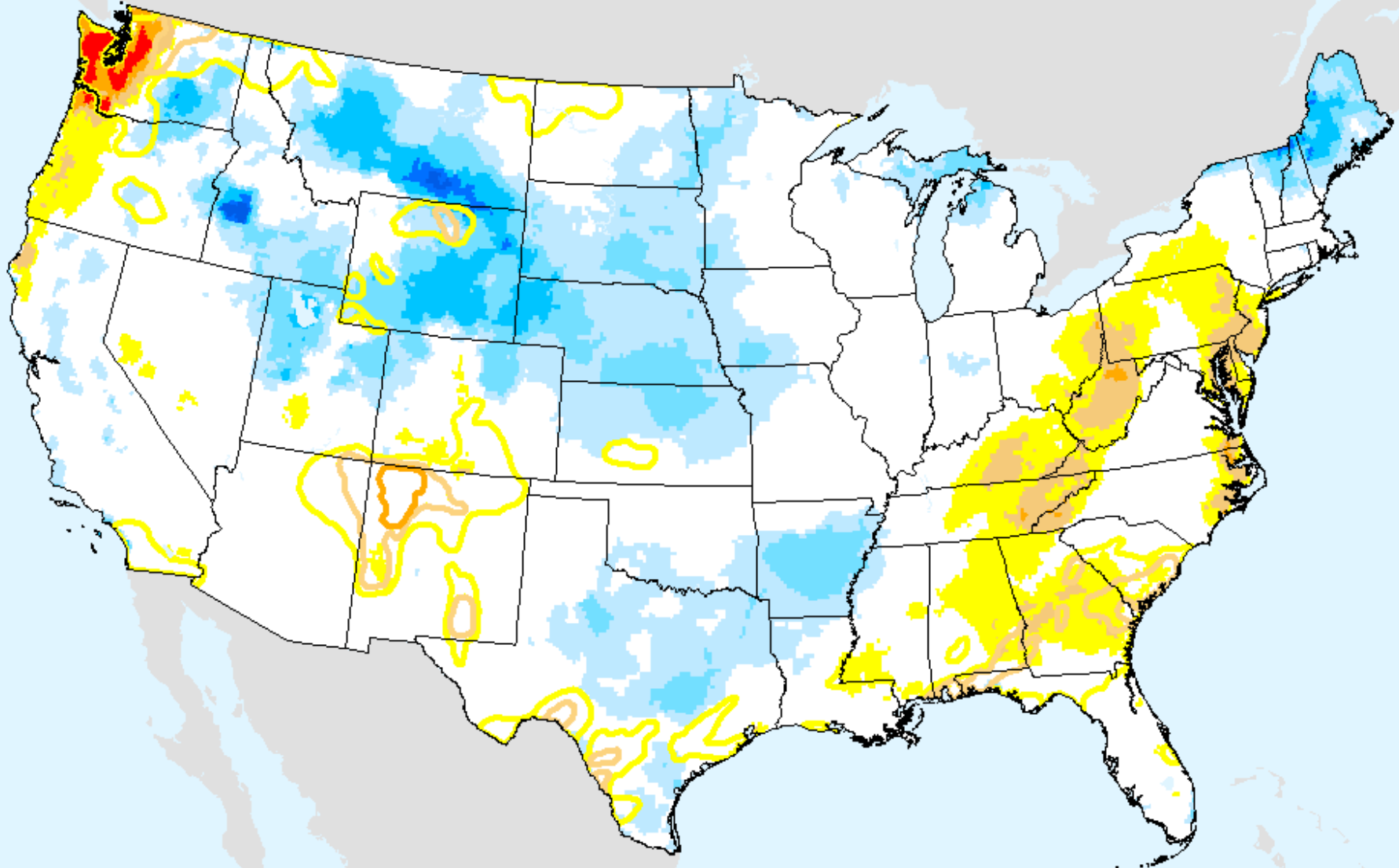
EDDI 6-week

As of: Tuesday, May 7, 2019



EDDI 7-week

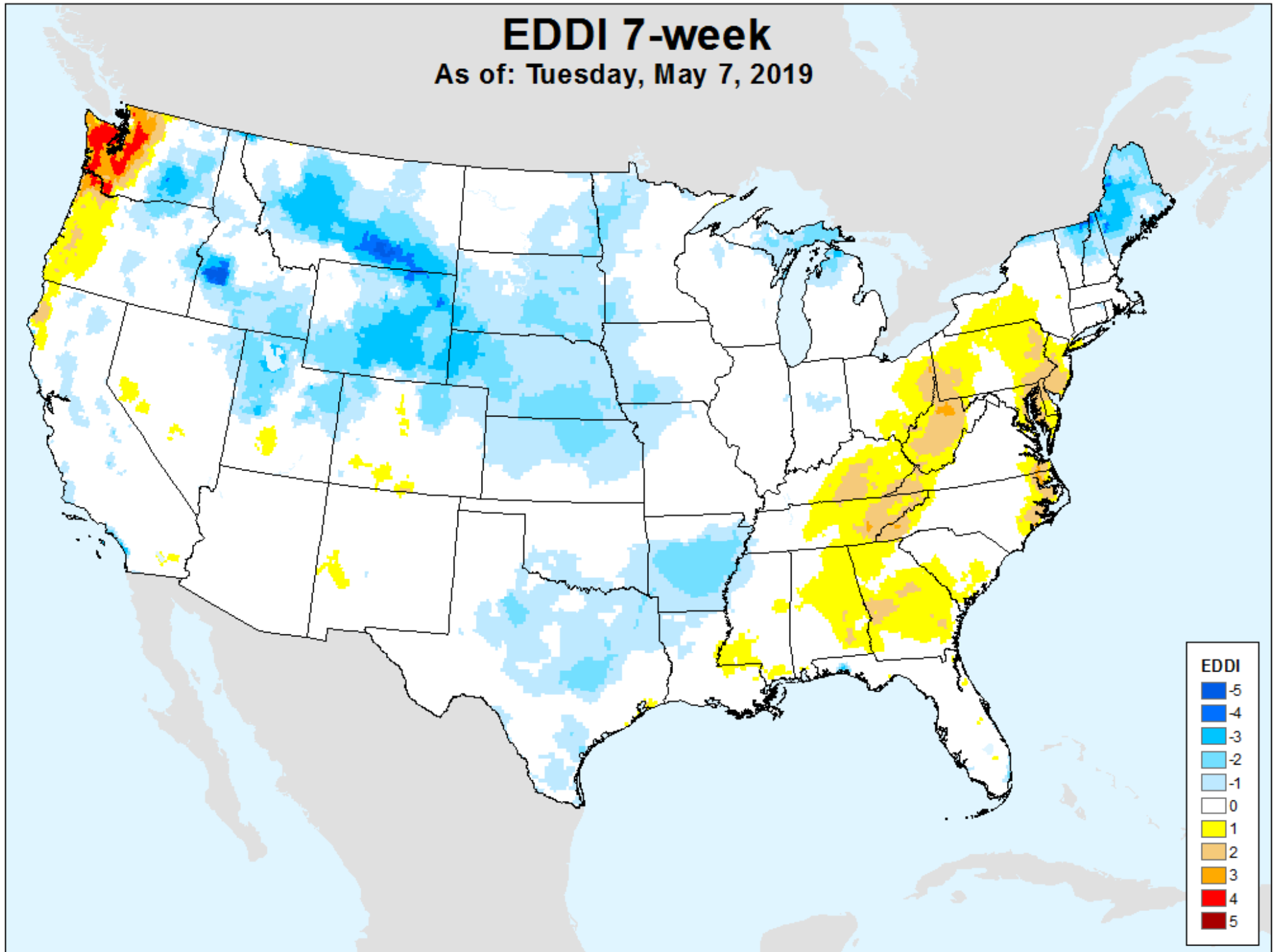
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

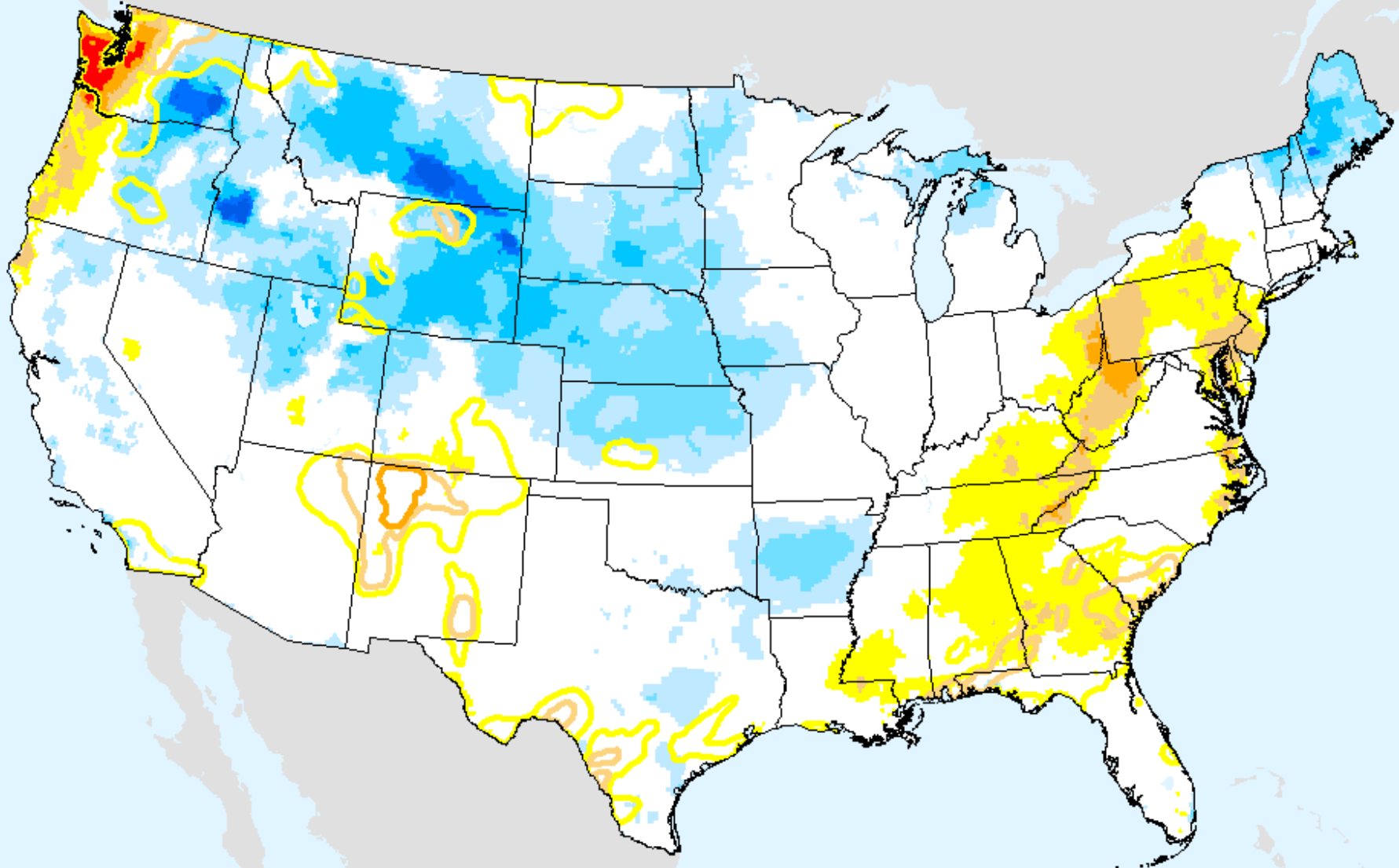
EDDI 7-week

As of: Tuesday, May 7, 2019



EDDI 8-week

As of: Tuesday, May 7, 2019

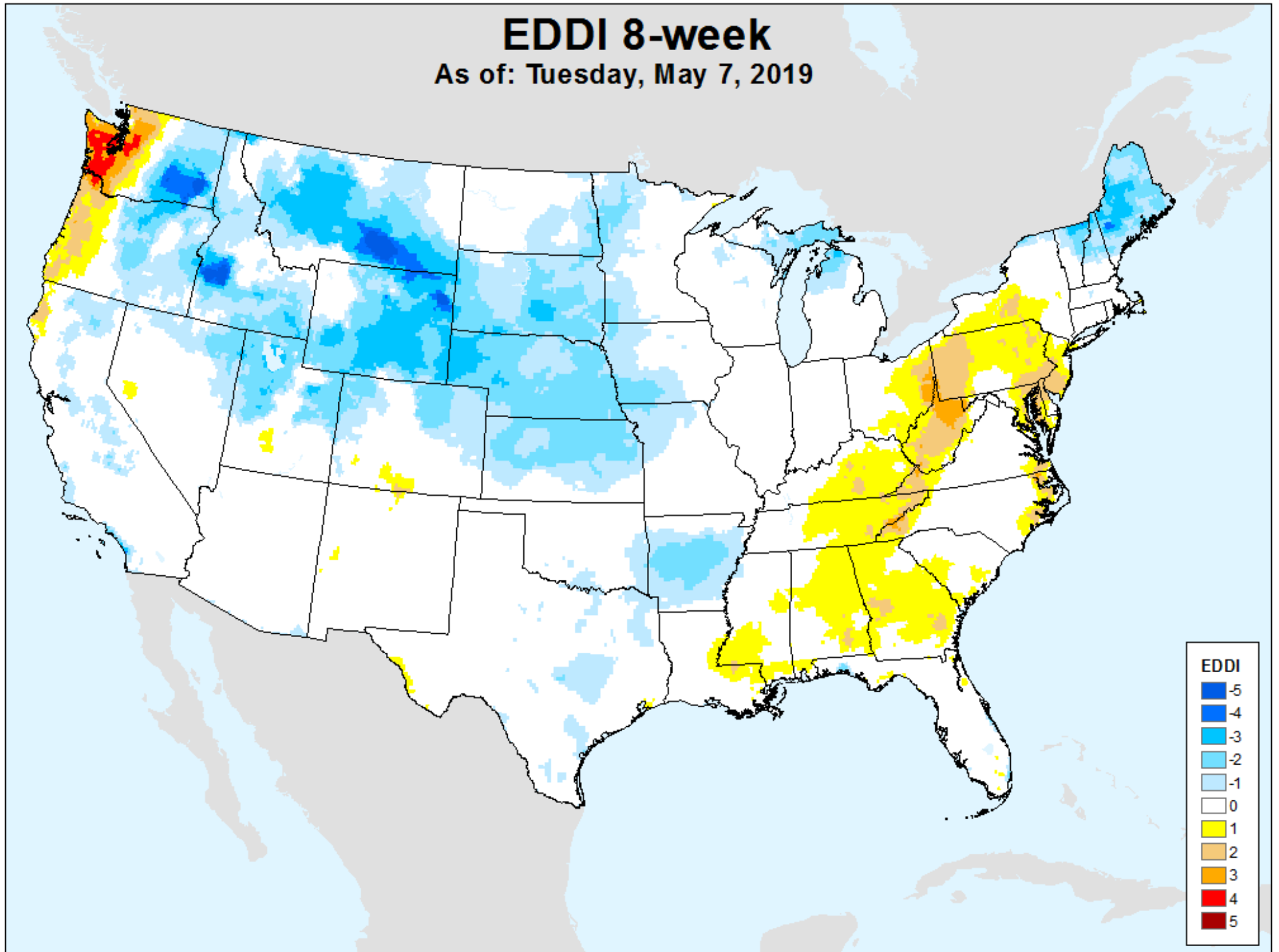


EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Light Orange	2
Orange	3
Red	4
Dark Red	5

USDM for: Apr. 30, 2019

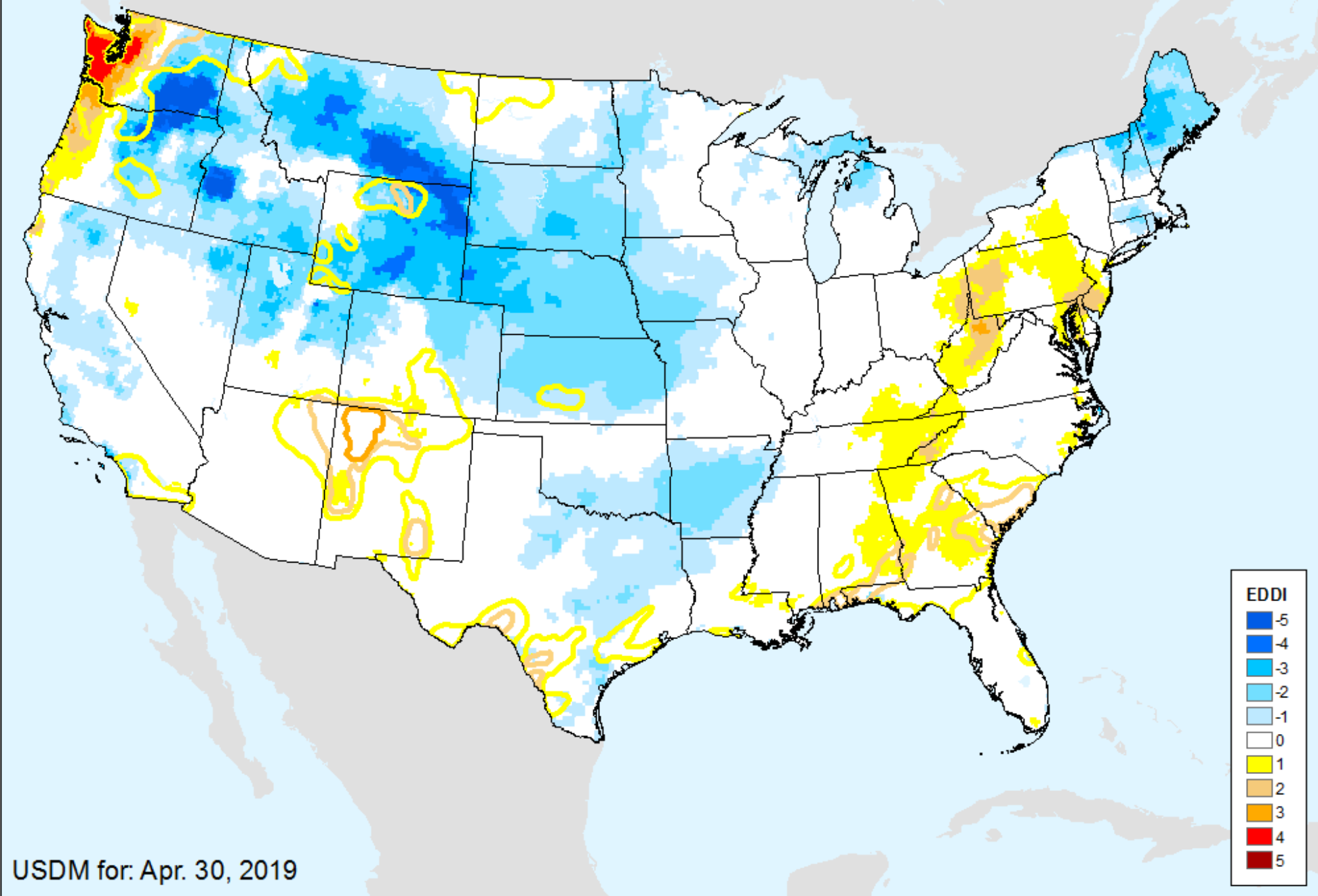
EDDI 8-week

As of: Tuesday, May 7, 2019



EDDI 9-week

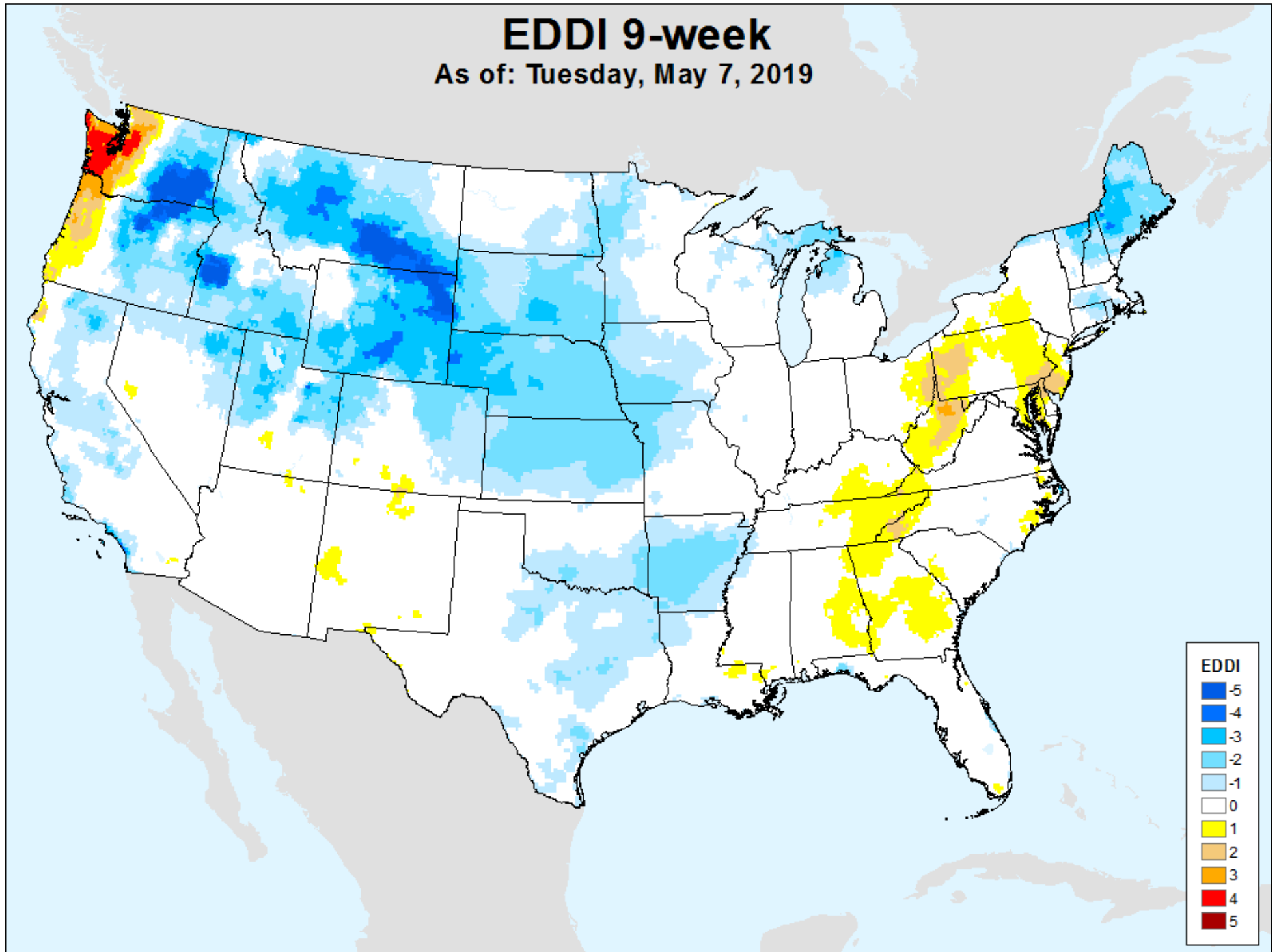
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

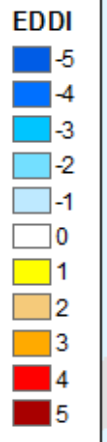
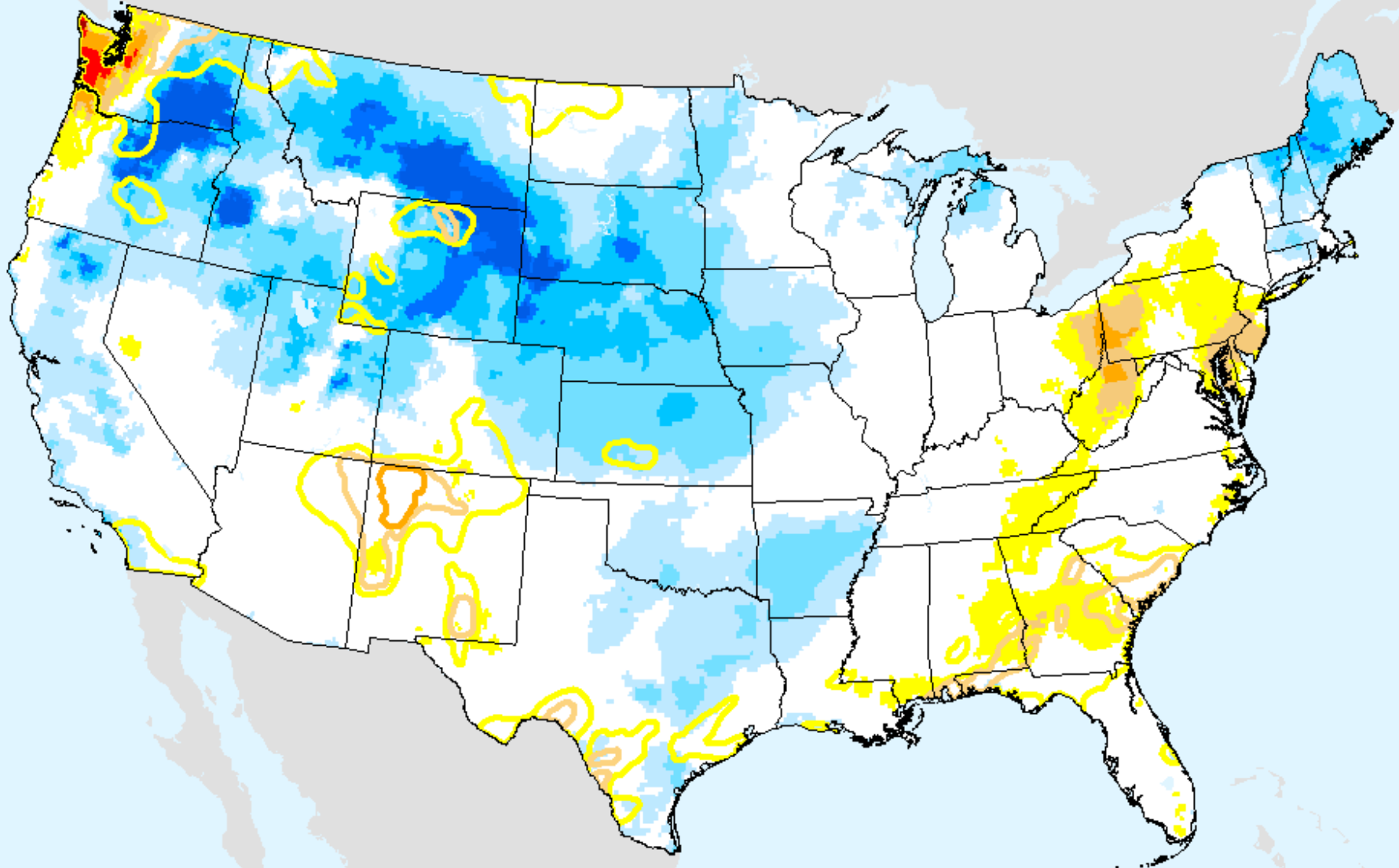
EDDI 9-week

As of: Tuesday, May 7, 2019



EDDI 10-week

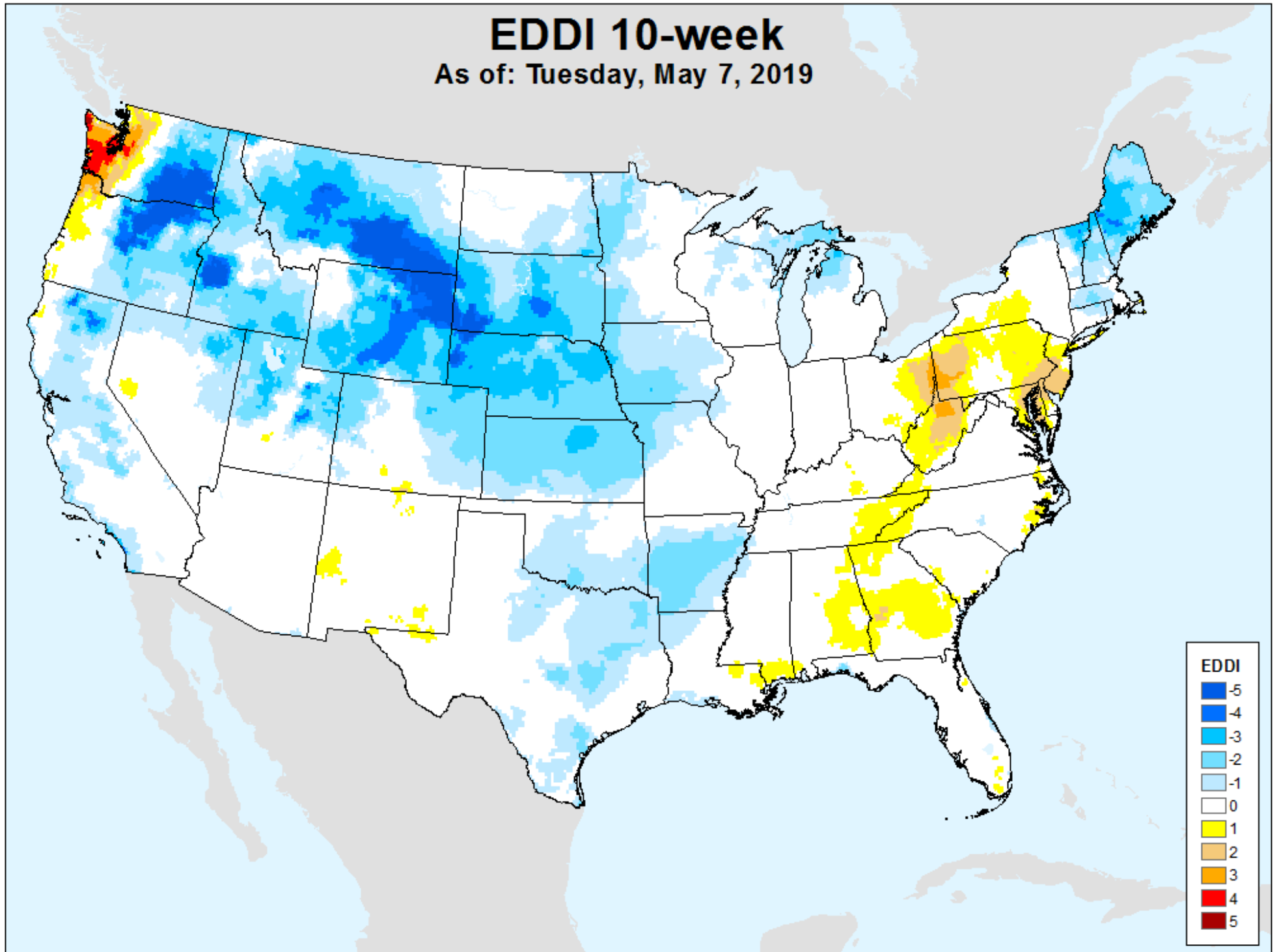
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

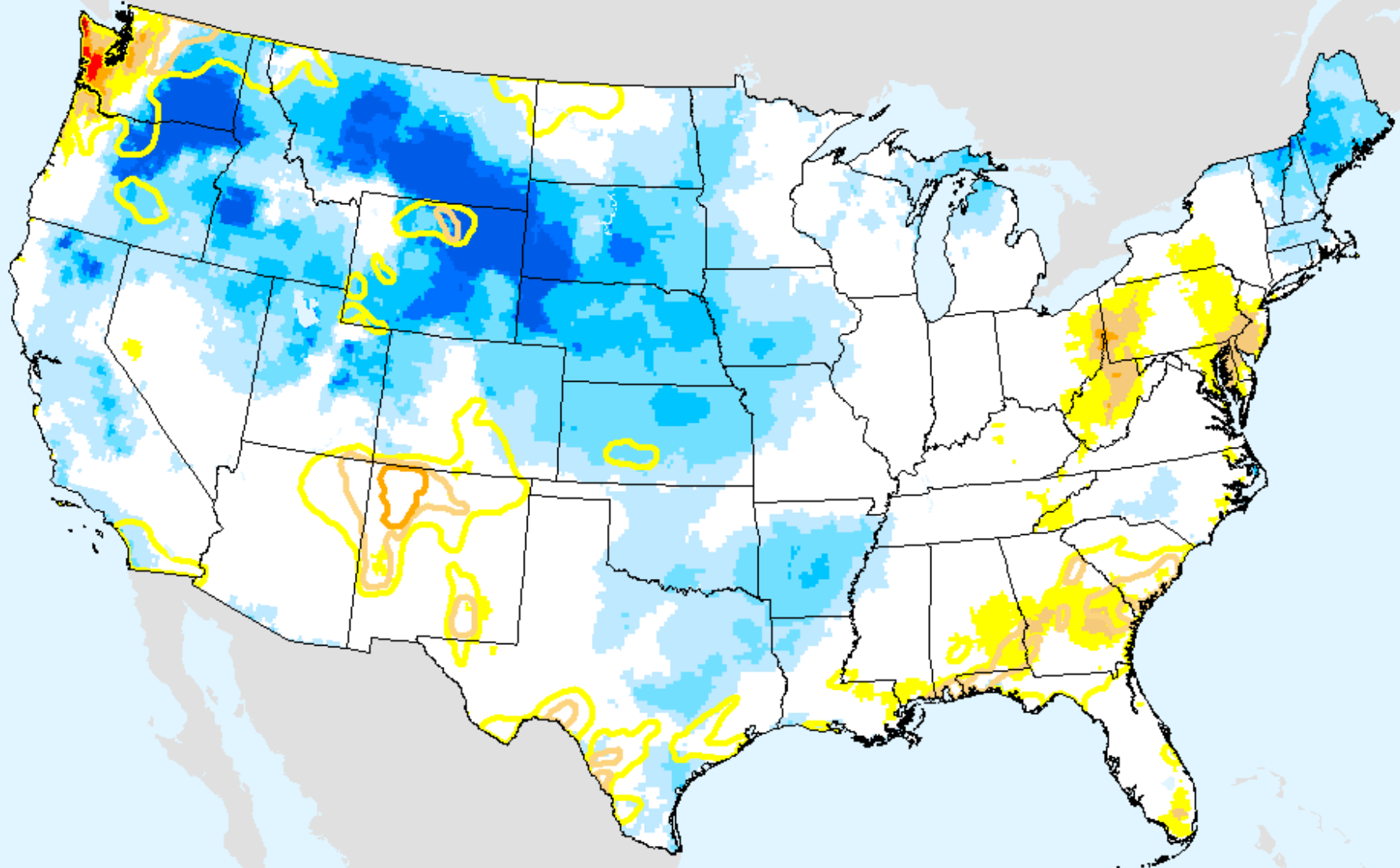
EDDI 10-week

As of: Tuesday, May 7, 2019



EDDI 11-week

As of: Tuesday, May 7, 2019



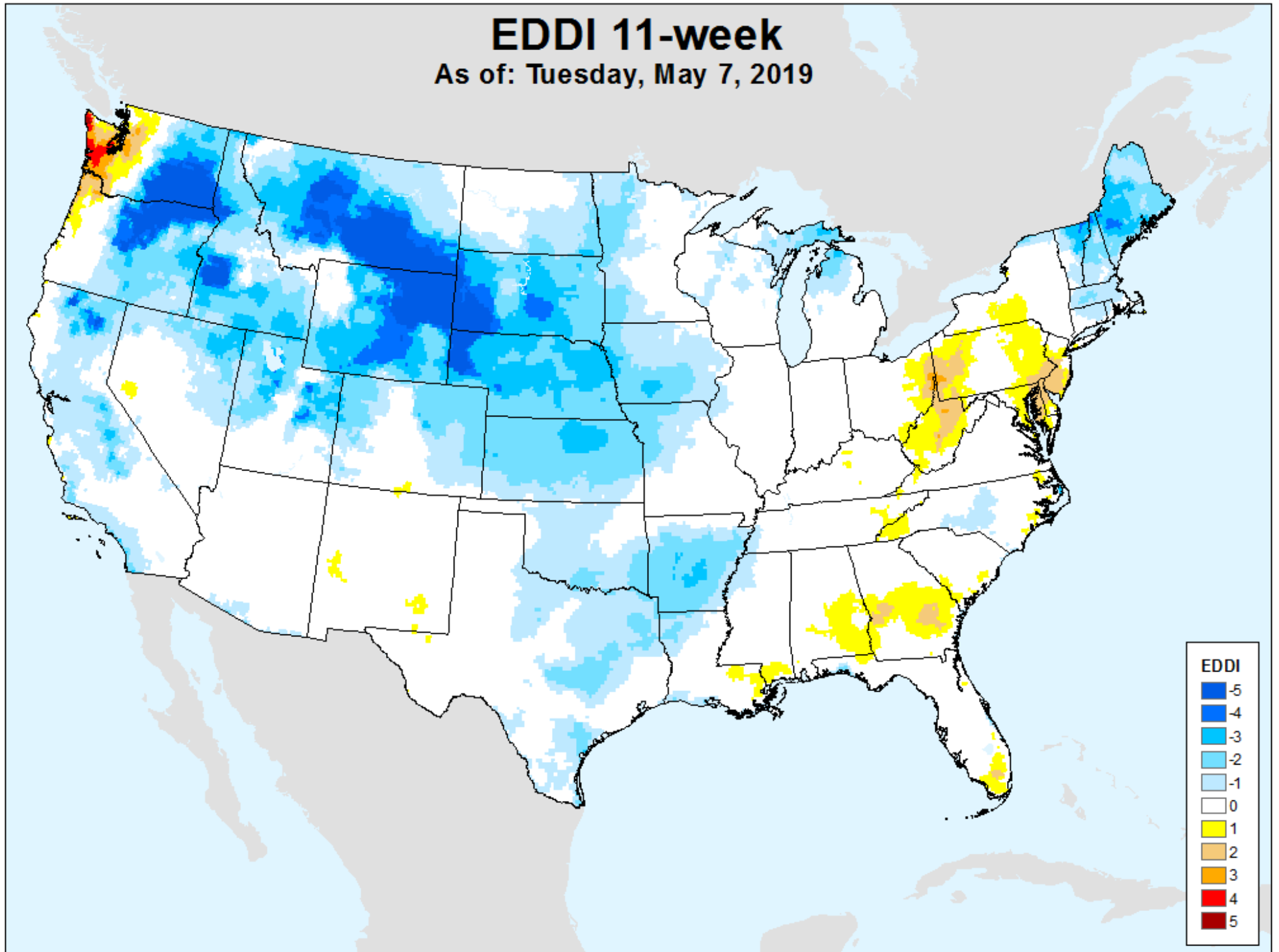
USDM for: Apr. 30, 2019

EDDI

- 5
- 4
- 3
- 2
- 1
- 0
- 1
- 2
- 3
- 4
- 5

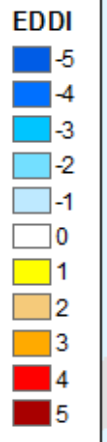
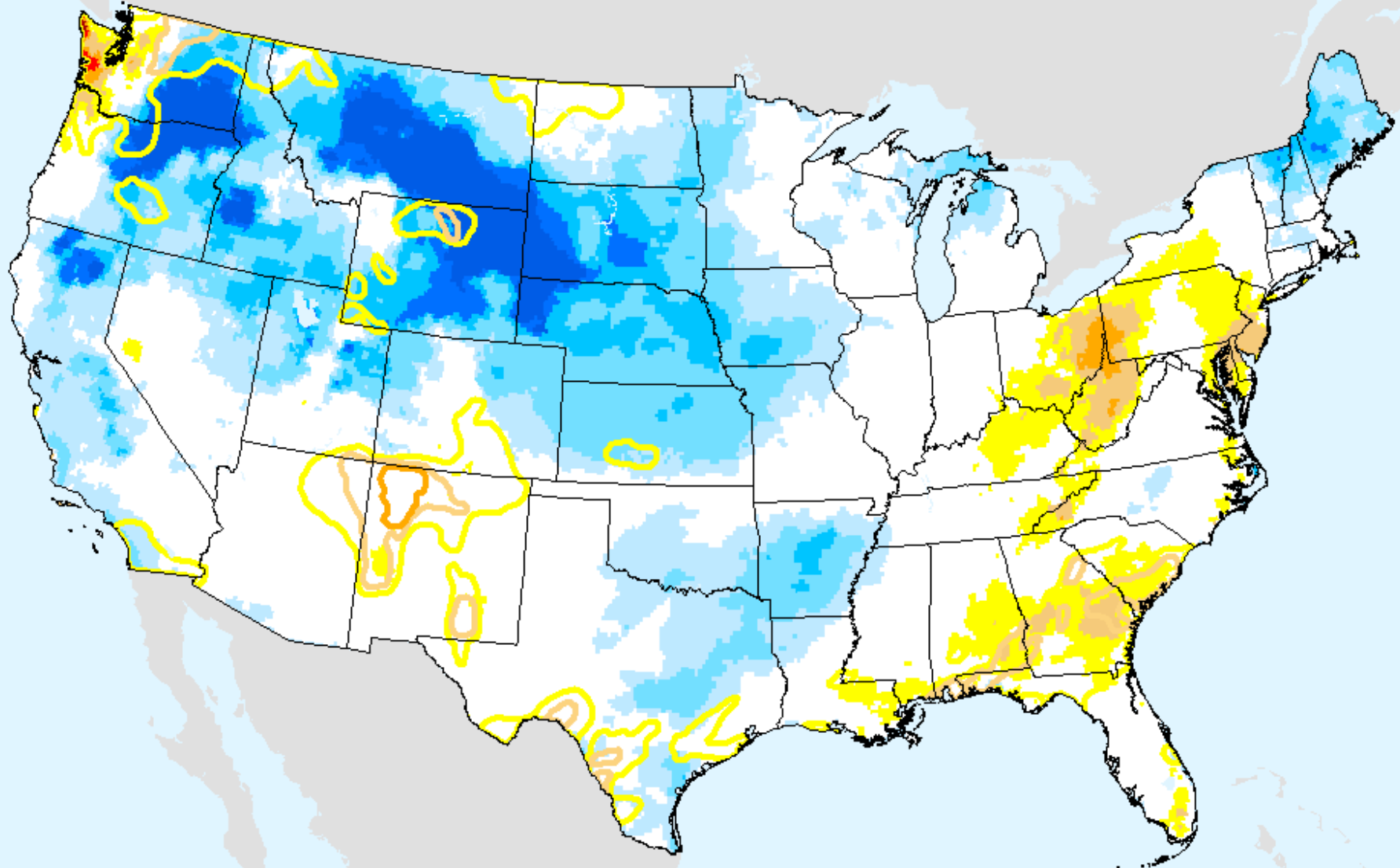
EDDI 11-week

As of: Tuesday, May 7, 2019



EDDI 12-week

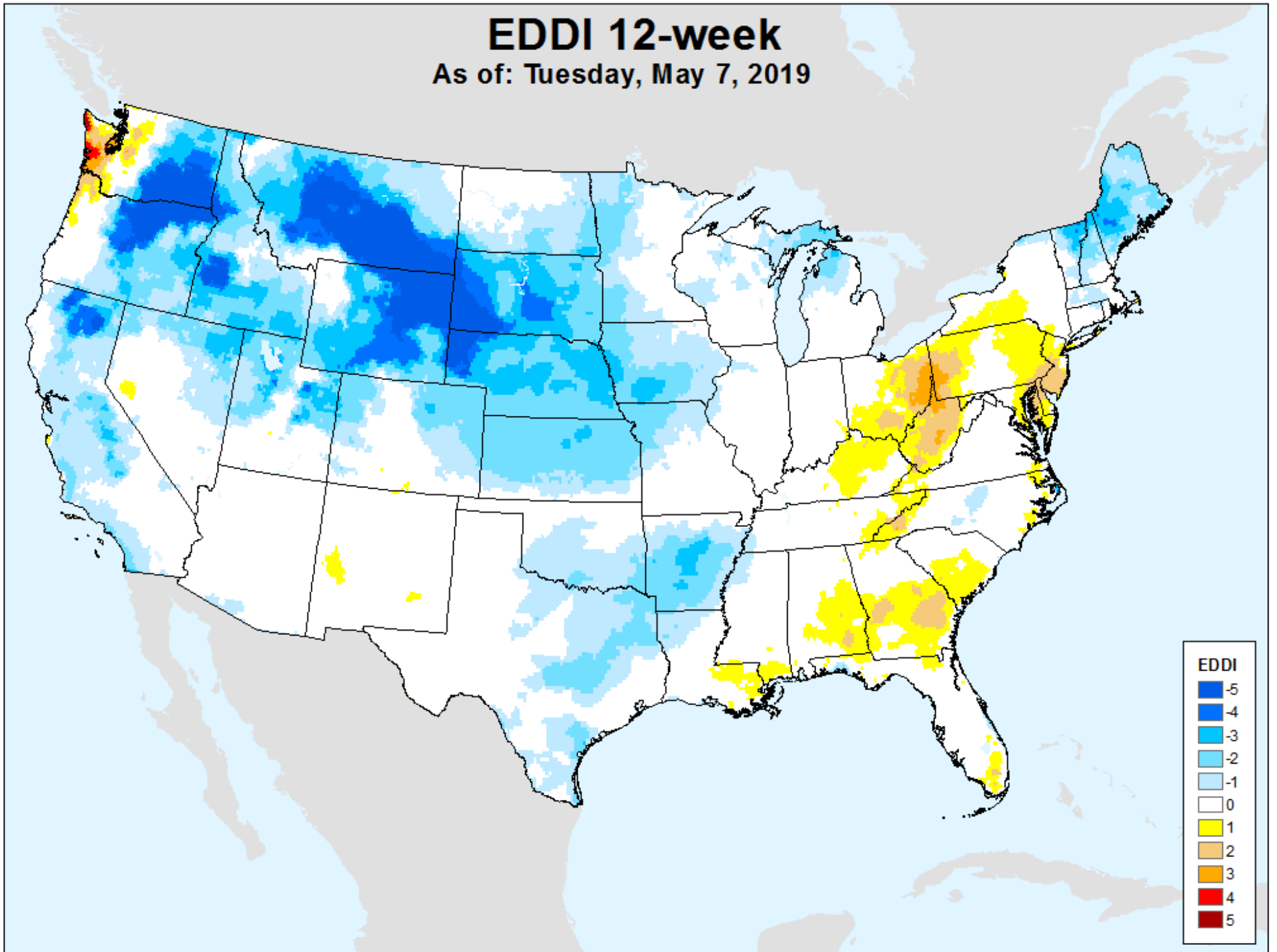
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

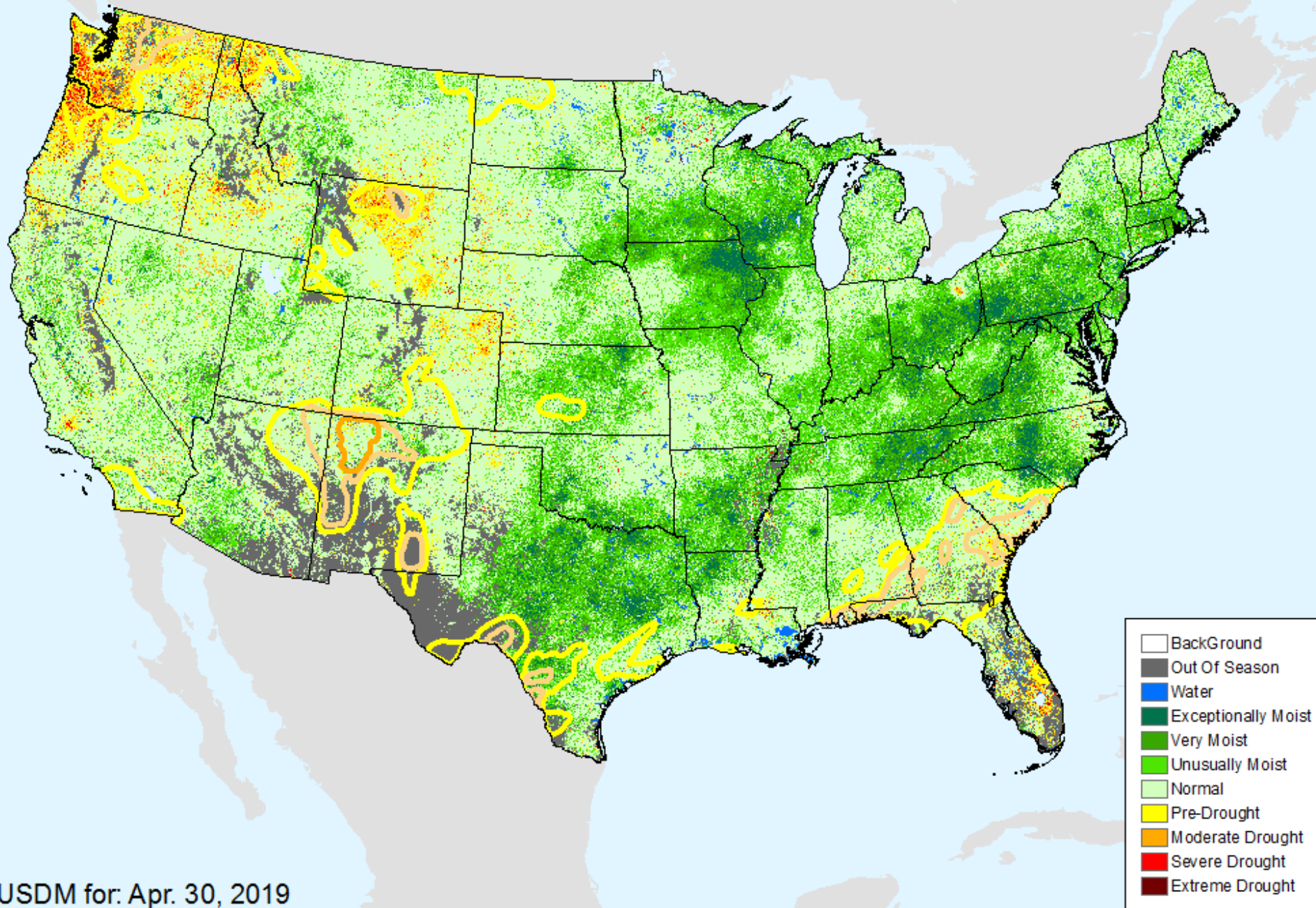
EDDI 12-week

As of: Tuesday, May 7, 2019



Vegetation Drought Response Index (VegDRI)

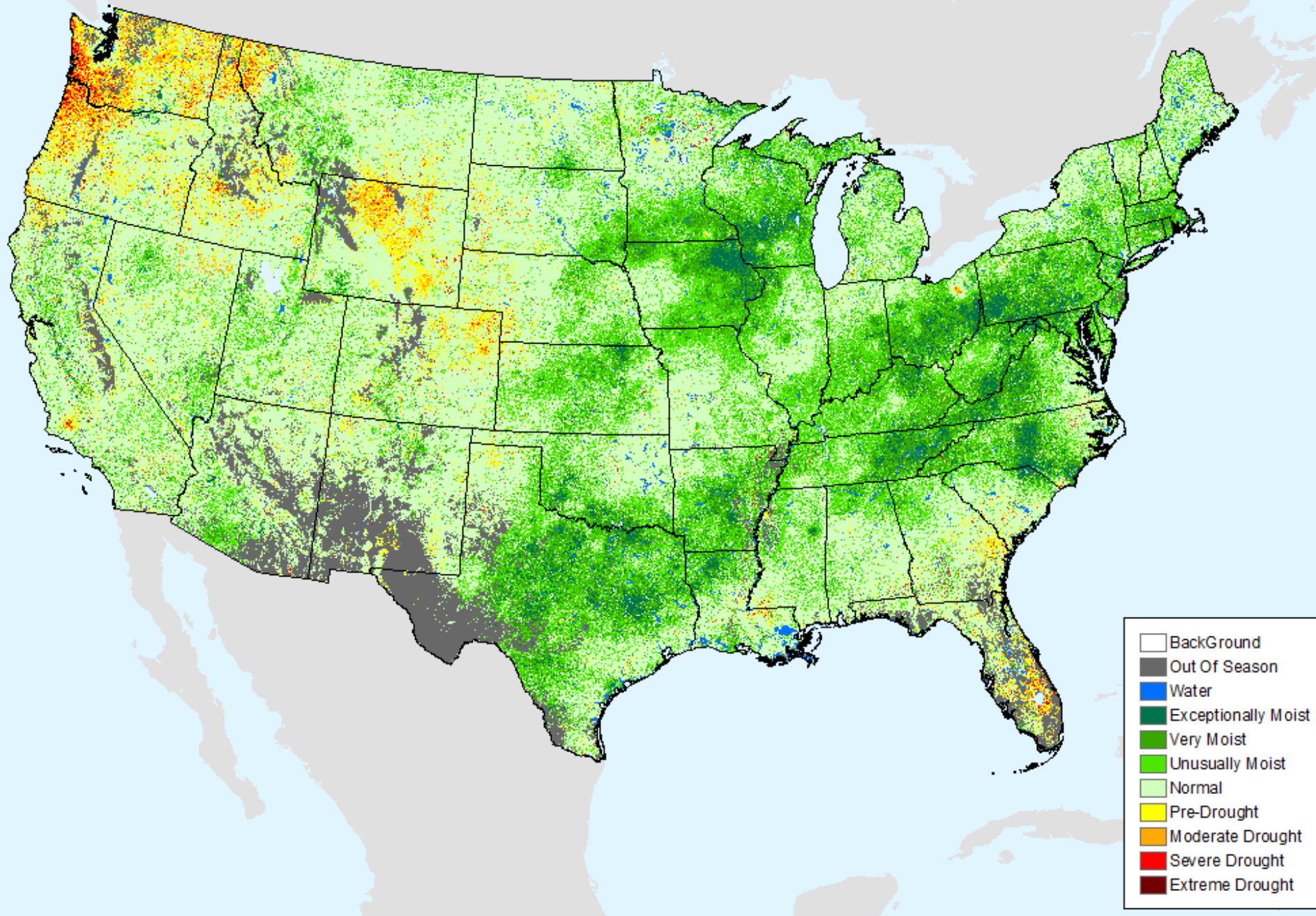
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

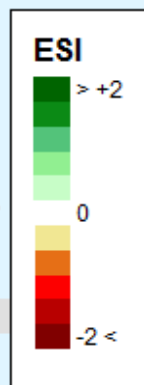
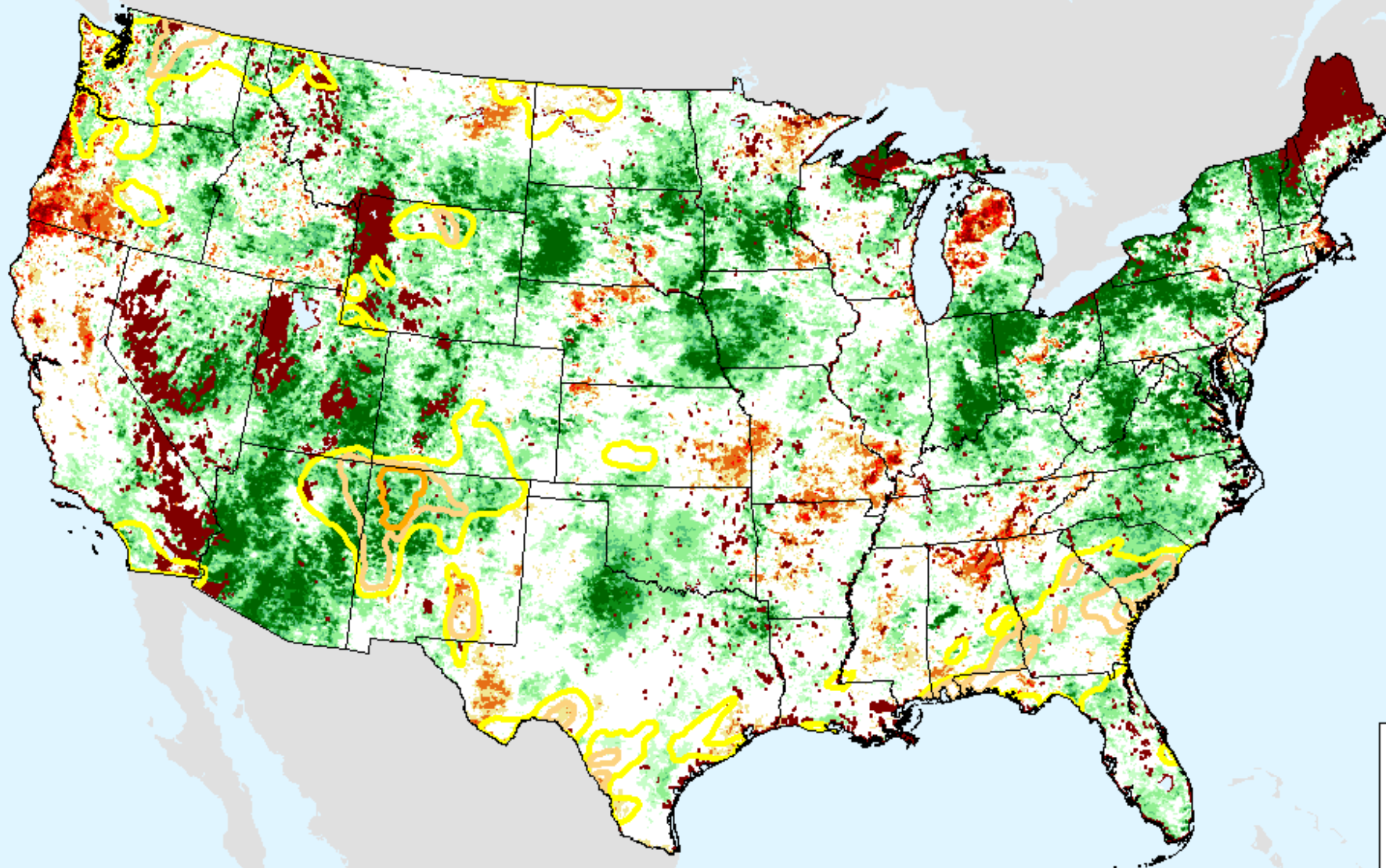
Vegetation Drought Response Index (VegDRI)

As of: Tuesday, May 7, 2019



Evaporative Stress Index (ESI) 4-week

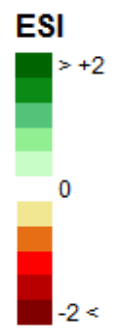
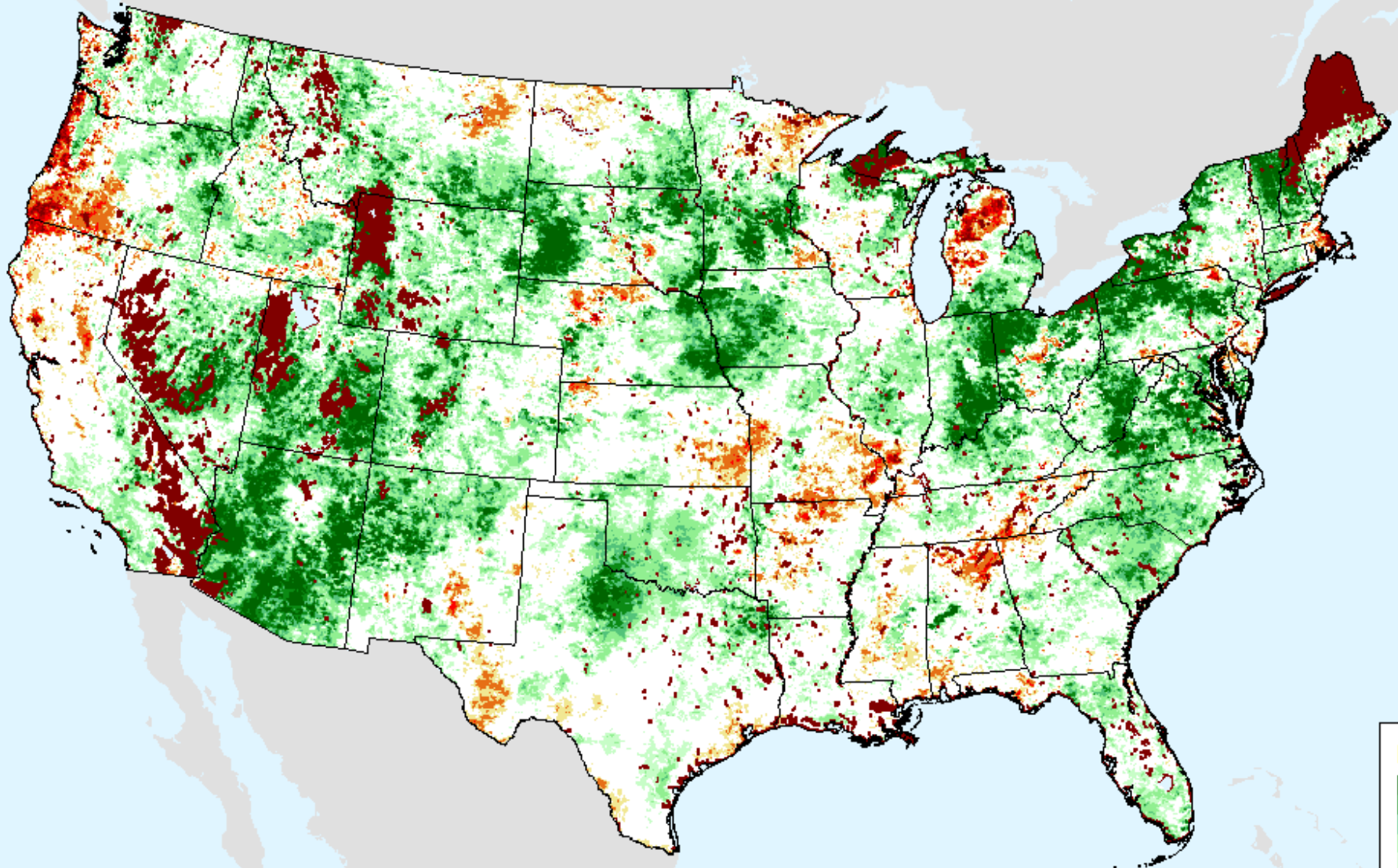
As of: Tuesday, May 7, 2019



USDM for: Apr. 30, 2019

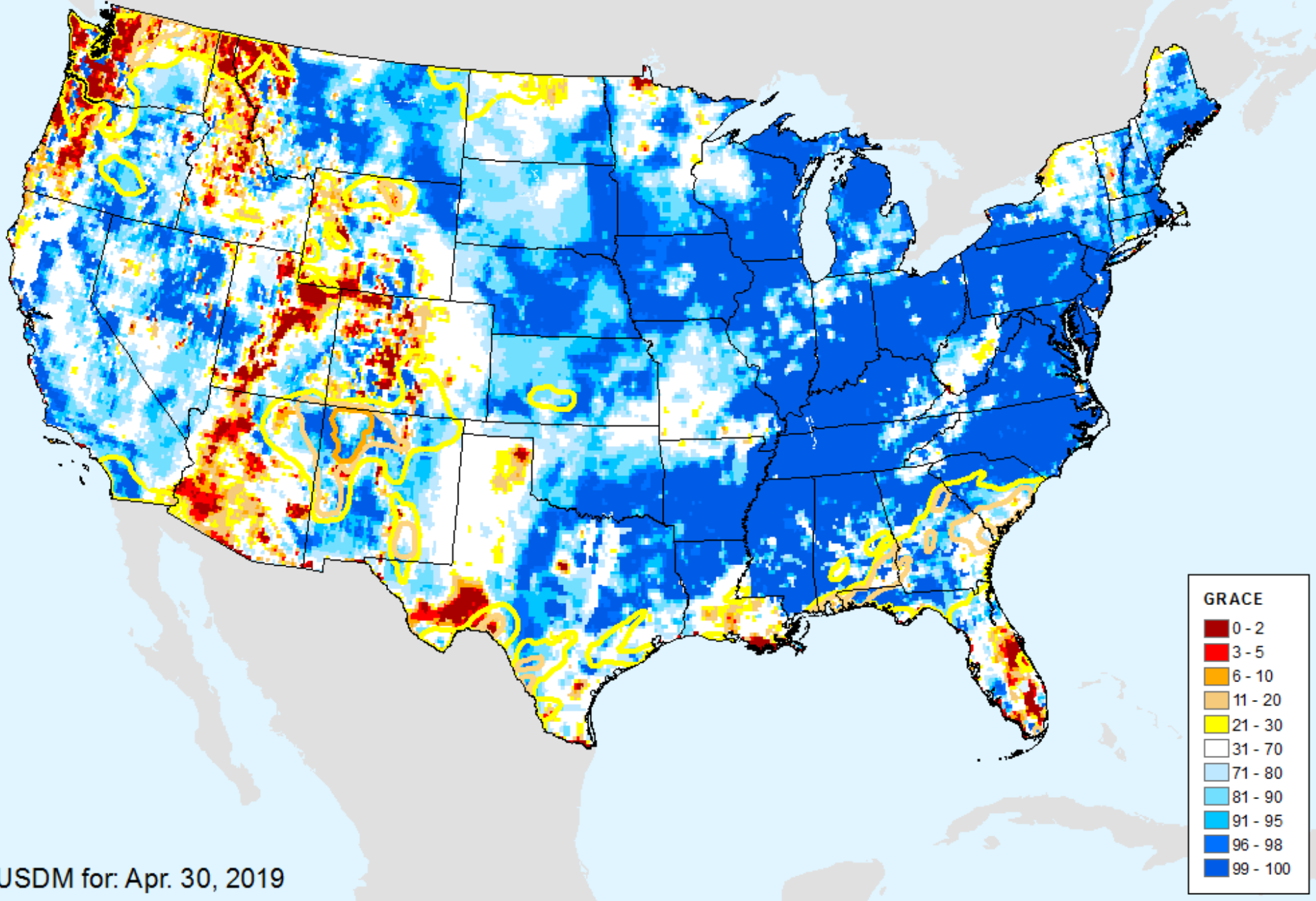
Evaporative Stress Index (ESI) 4-week

As of: Tuesday, May 7, 2019



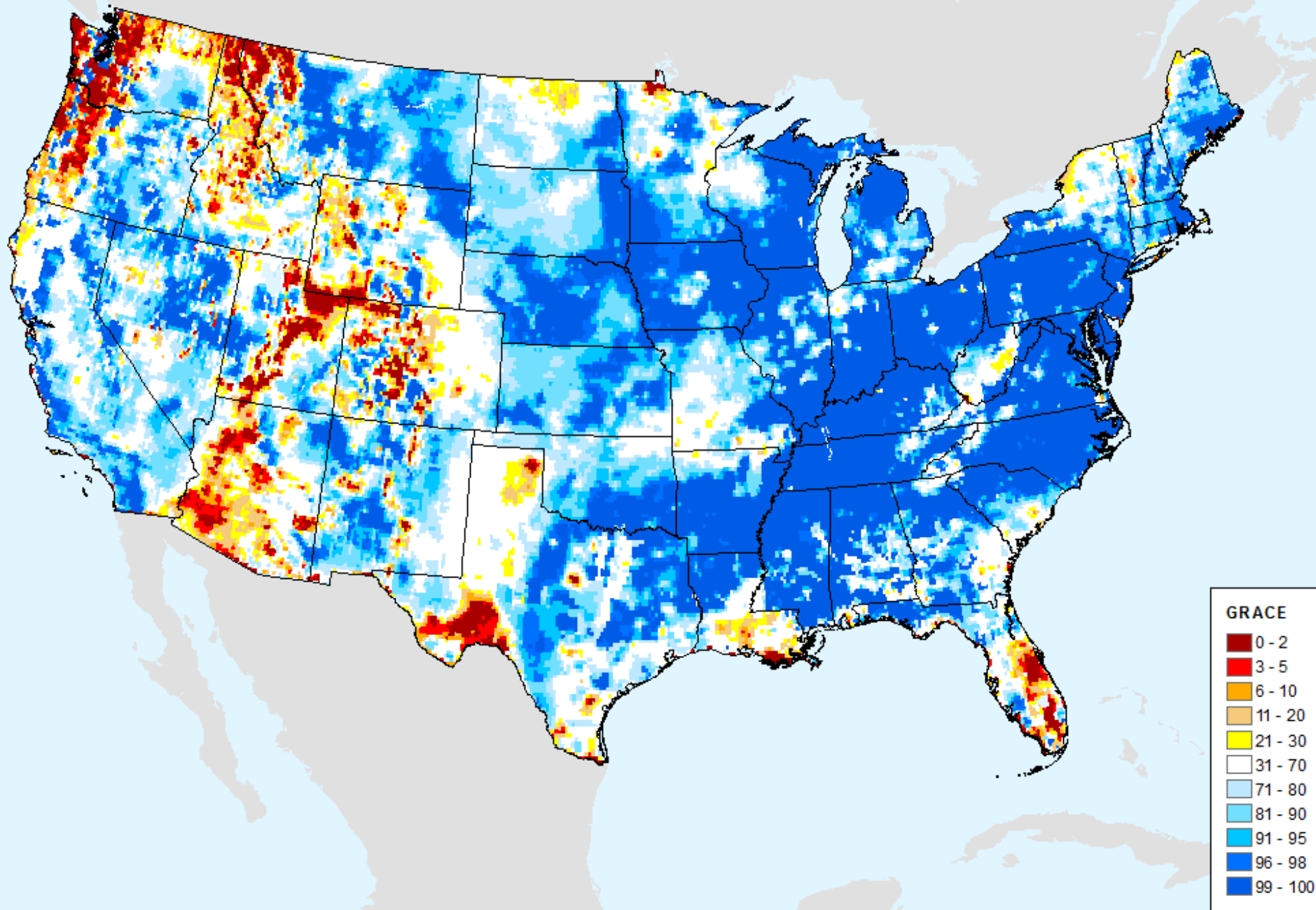
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, May 7, 2019



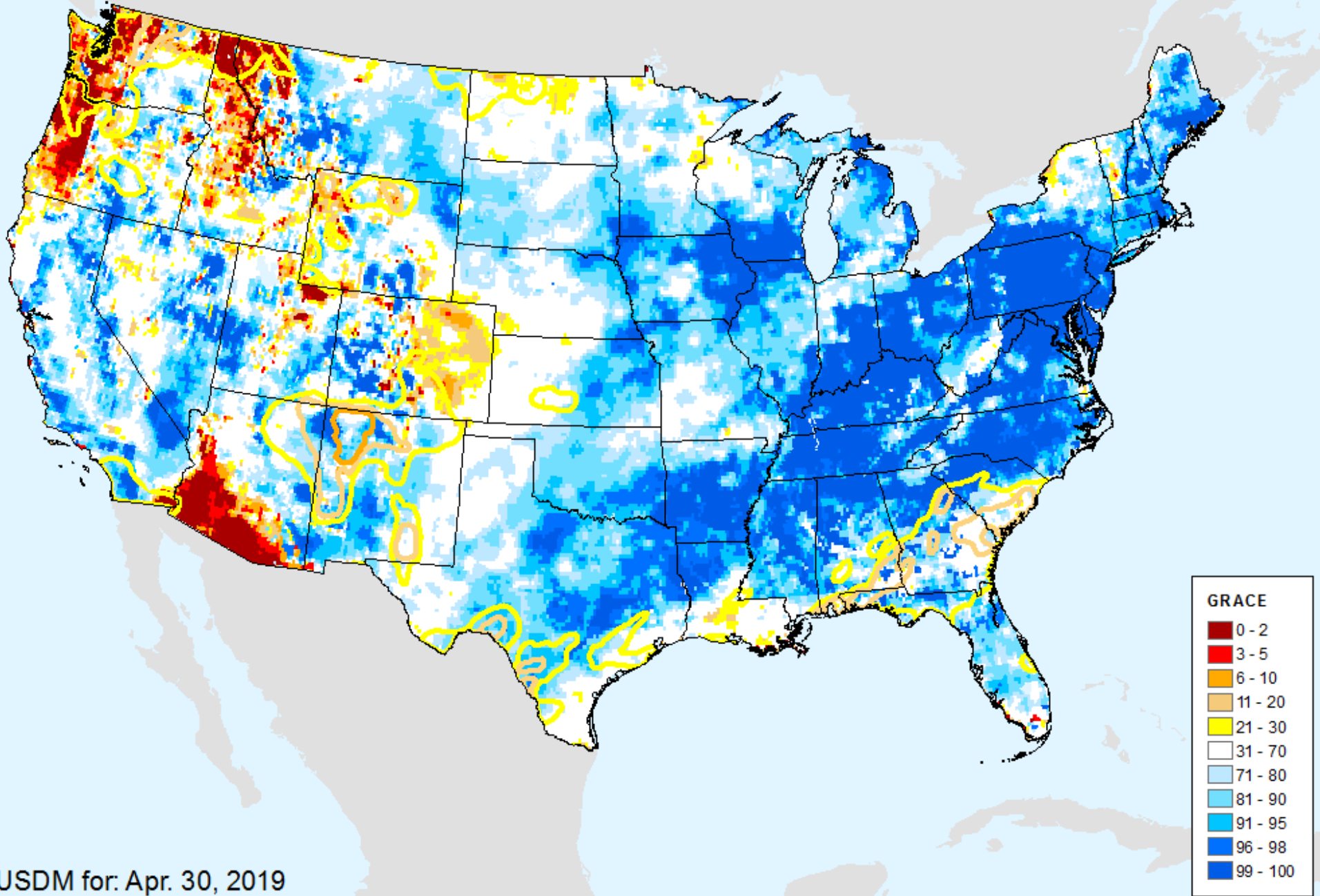
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, May 7, 2019



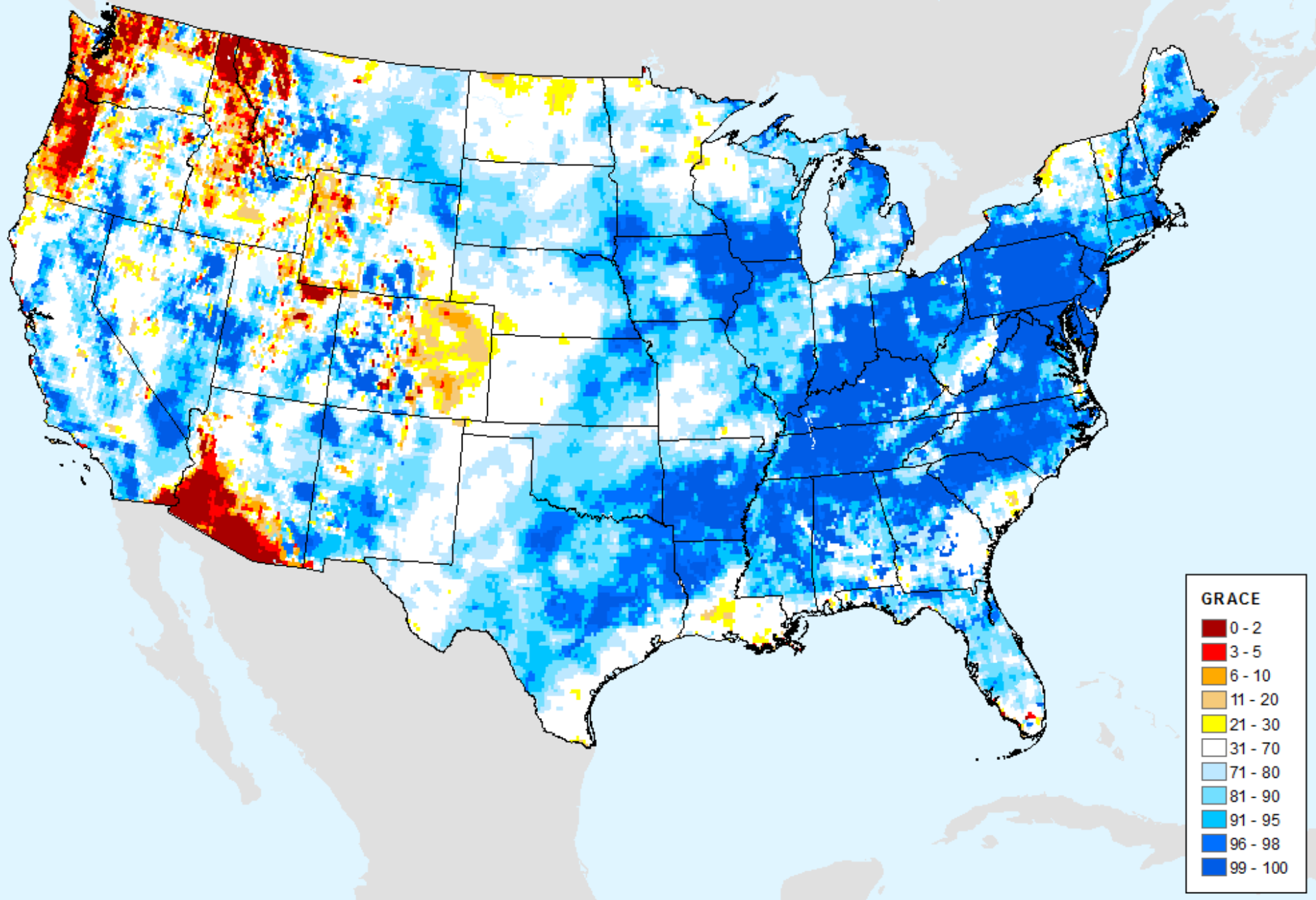
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, May 7, 2019



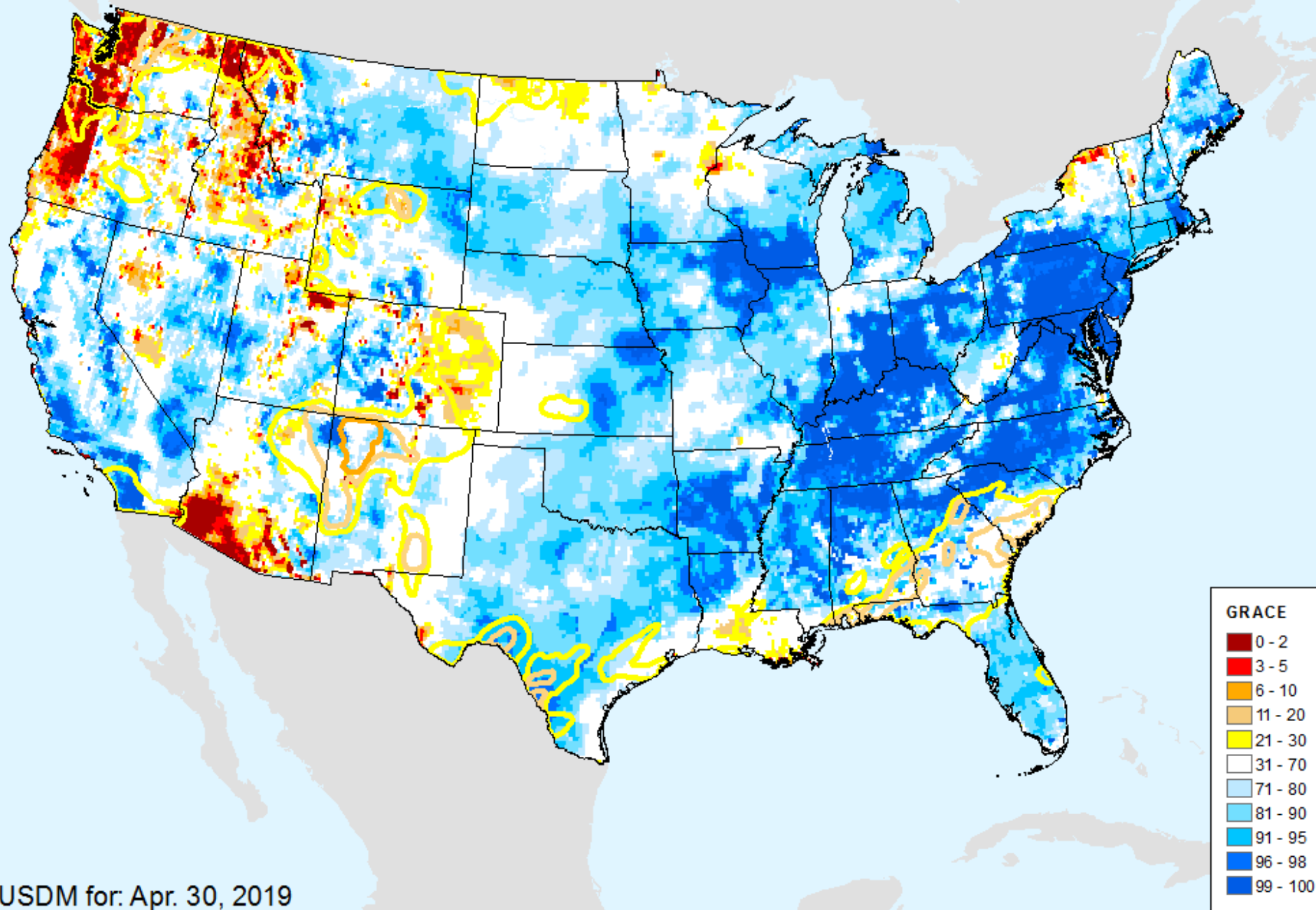
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, May 7, 2019



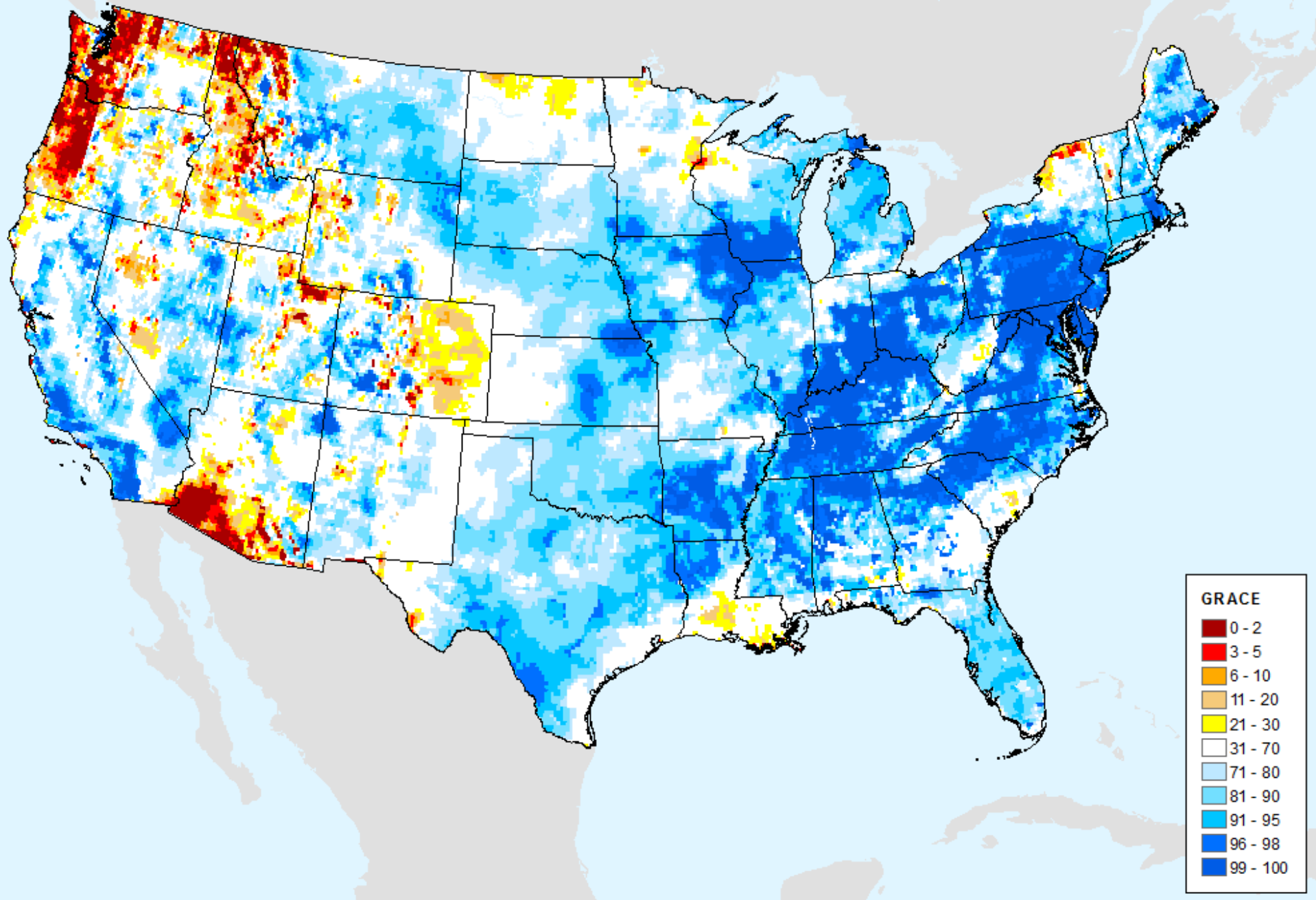
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, May 7, 2019



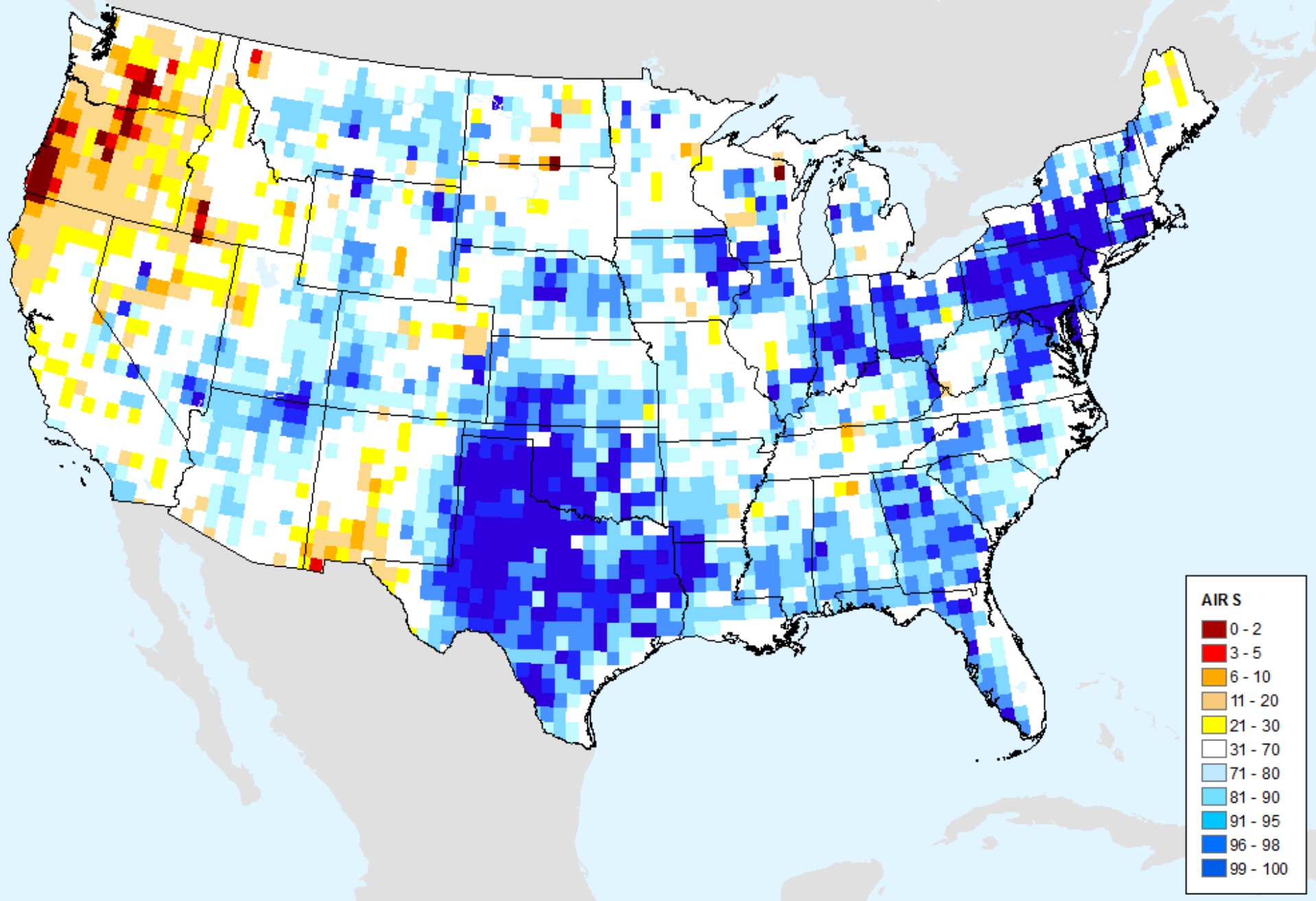
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, May 7, 2019



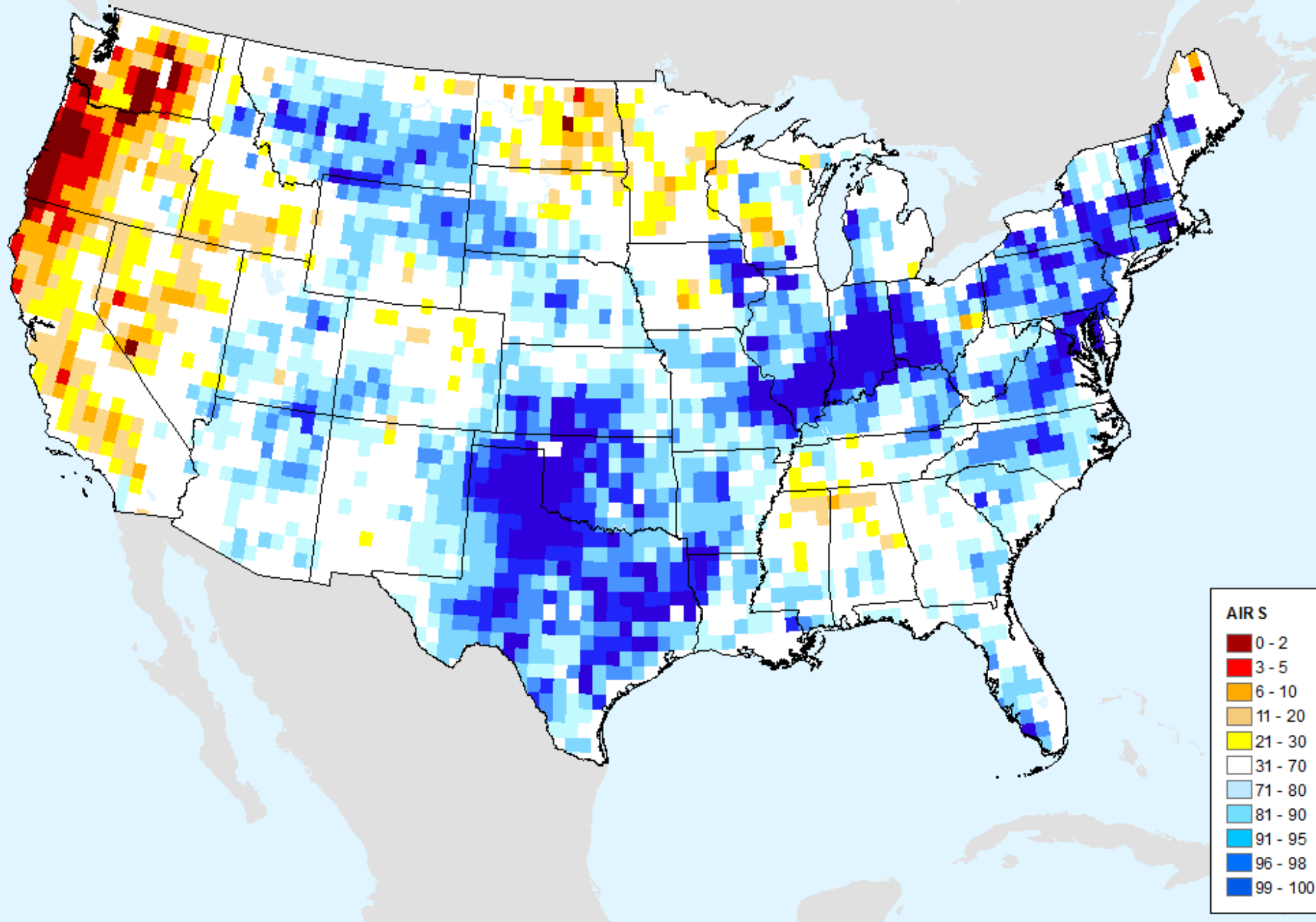
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, May 7, 2019



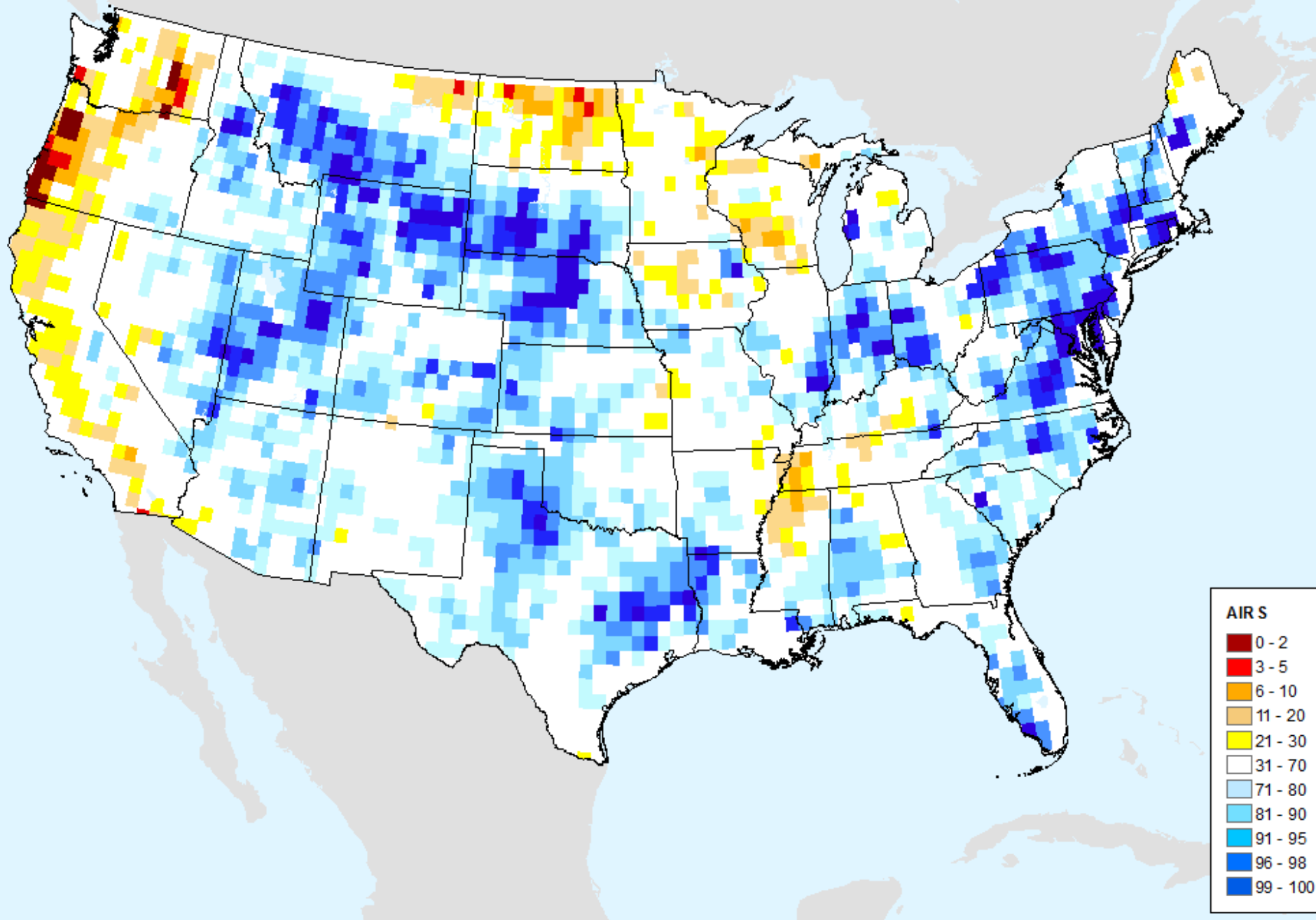
AIRS-Based Surface Relative Humidity 14 Day

As of: Tuesday, May 7, 2019



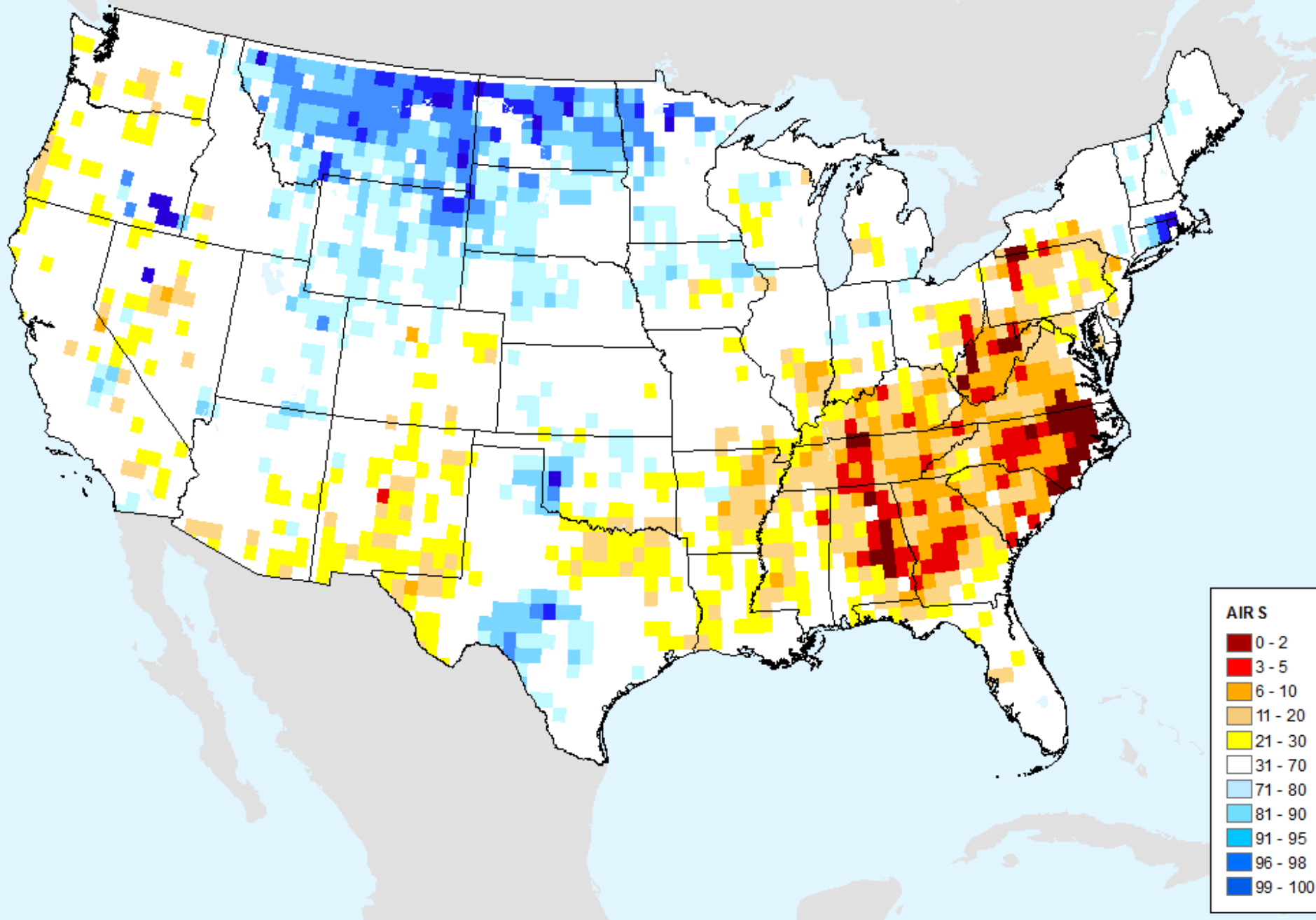
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, May 7, 2019



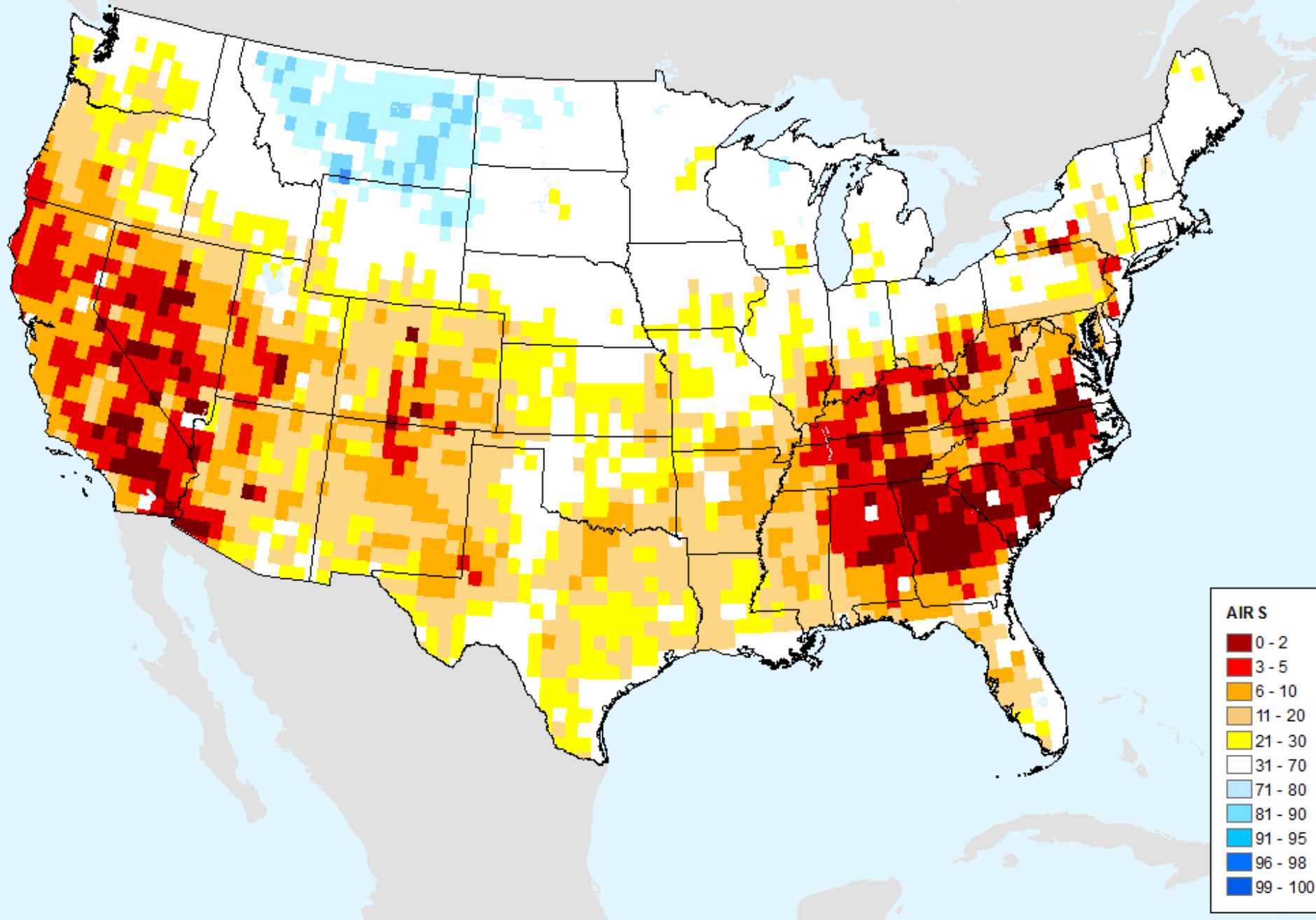
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Tuesday, May 7, 2019



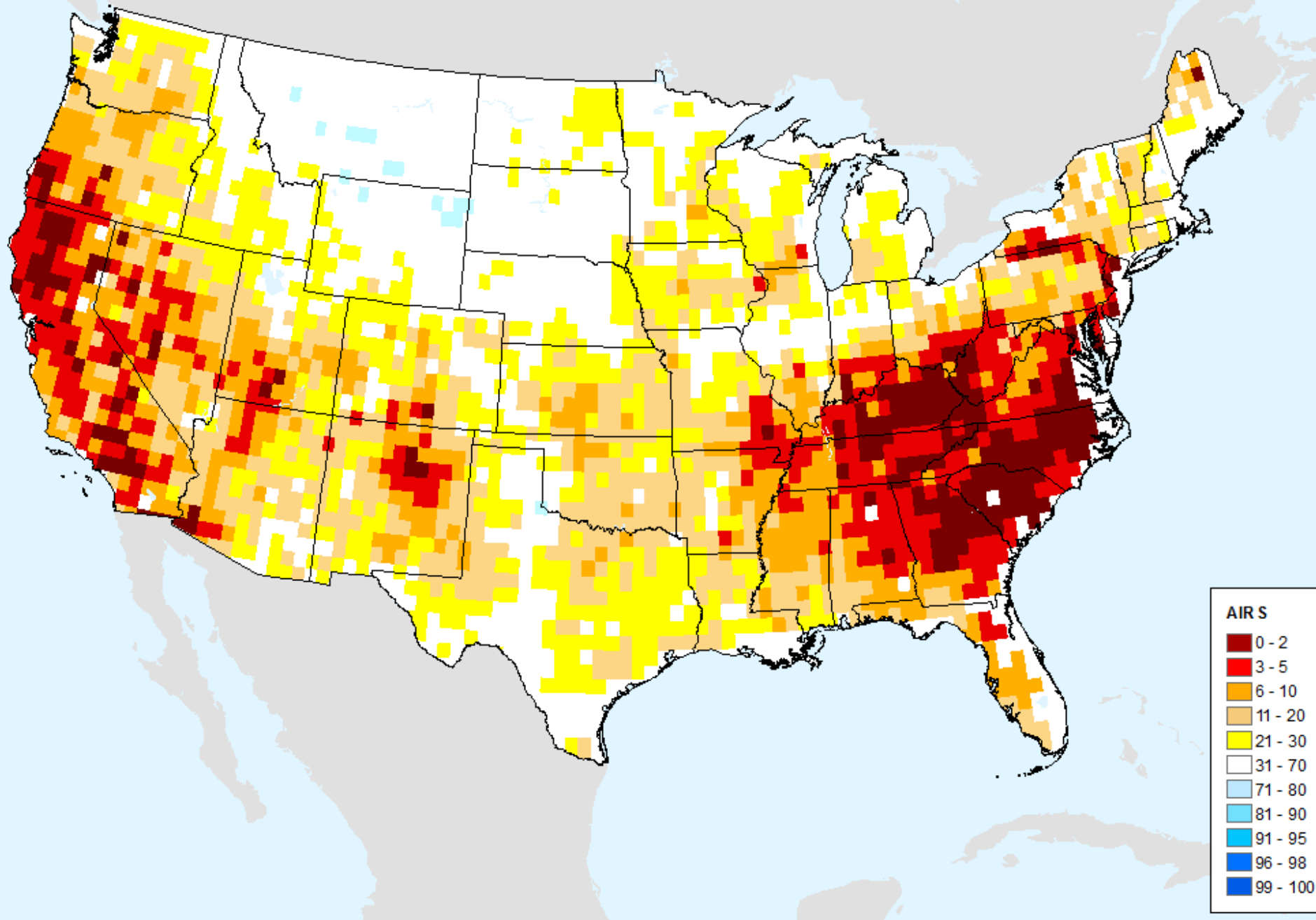
AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Tuesday, May 7, 2019



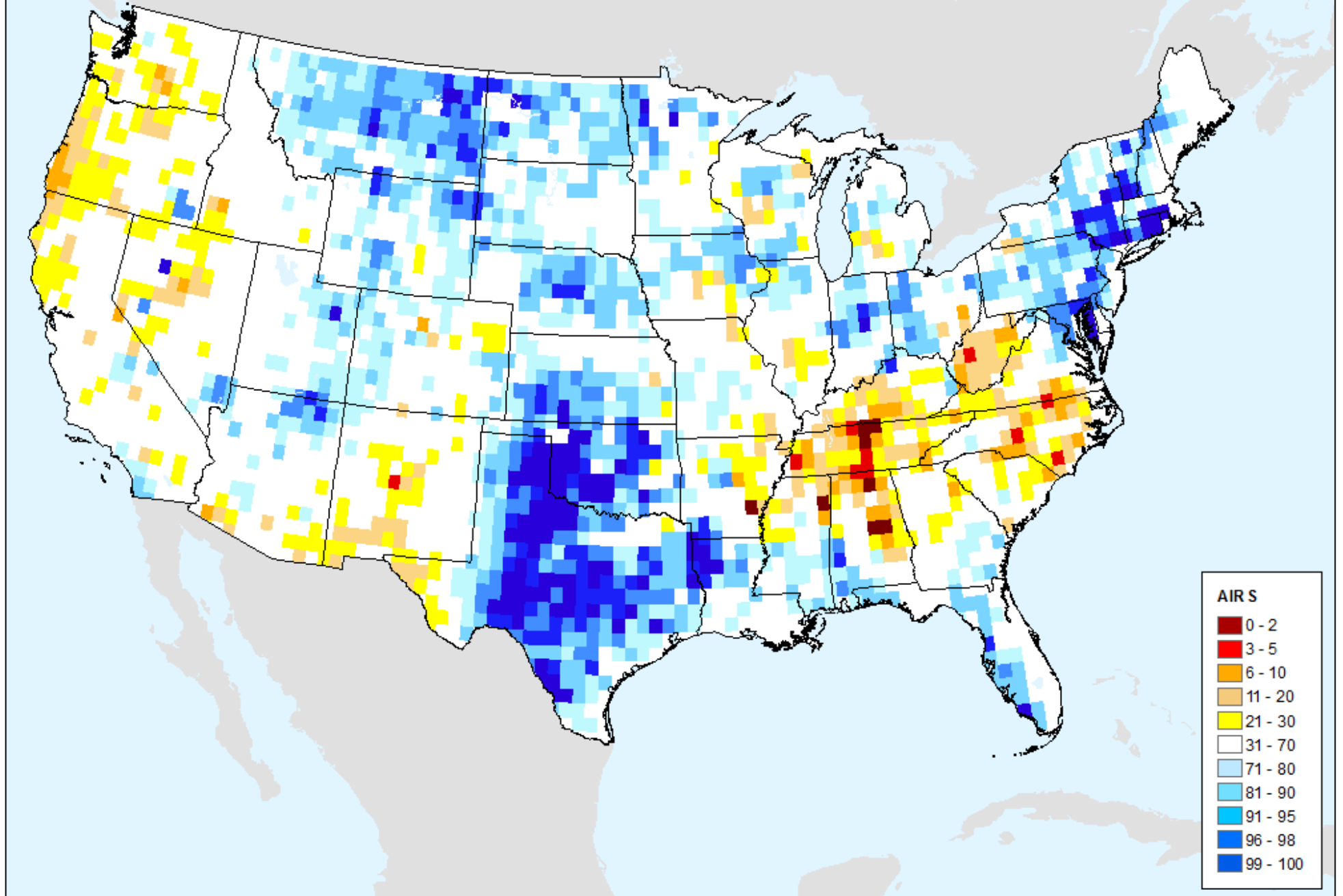
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, May 7, 2019



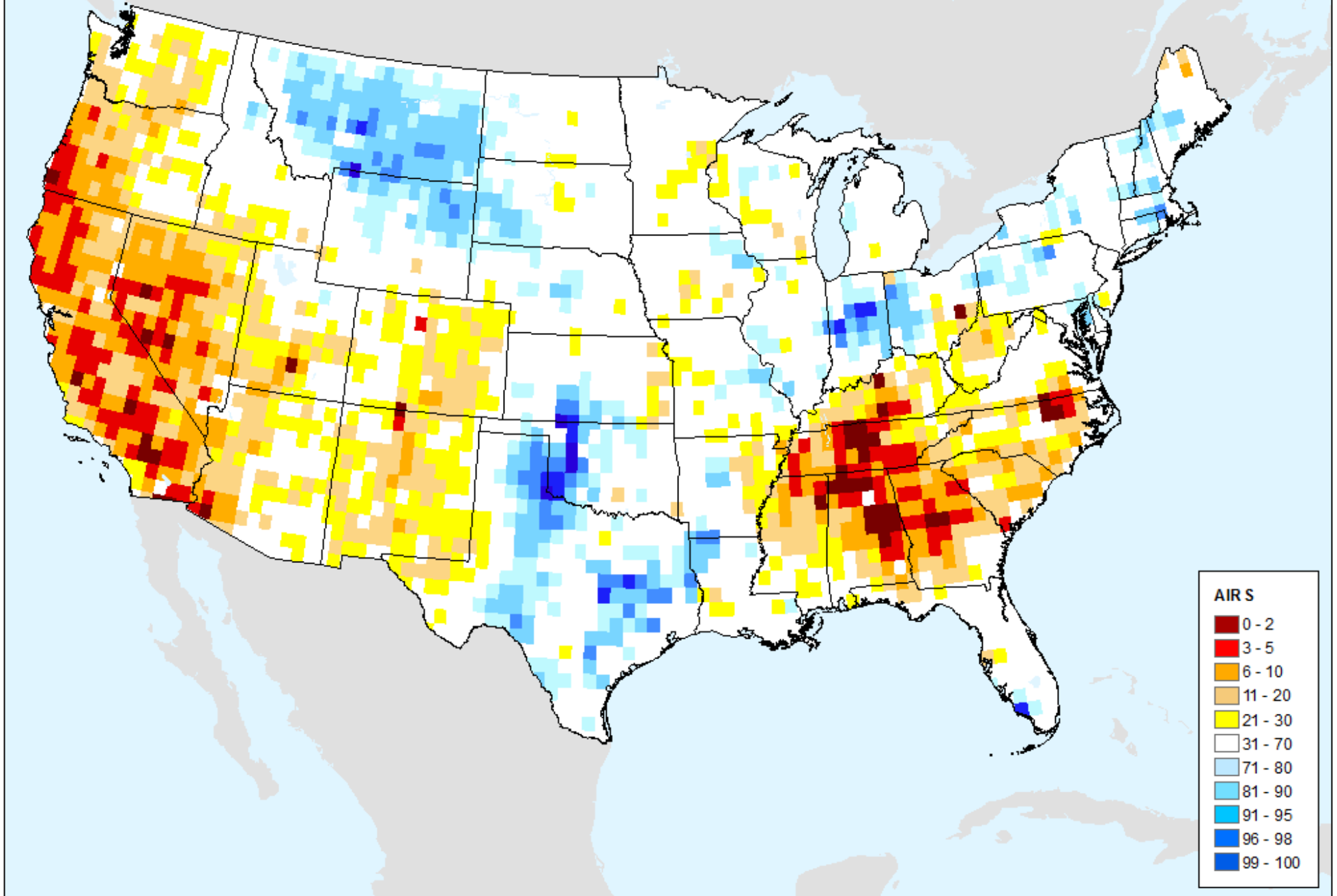
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, May 7, 2019



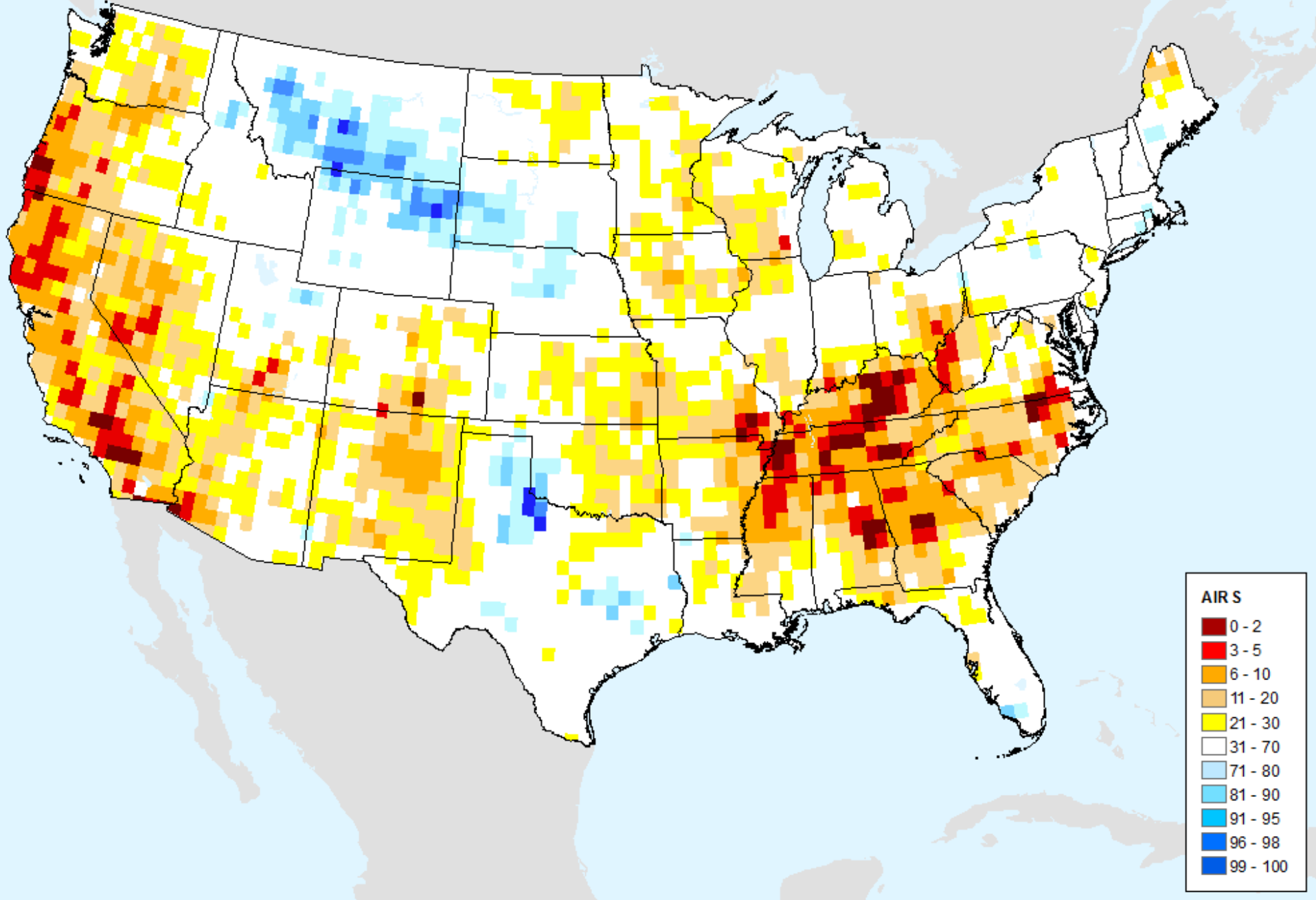
AIRS-Based Vapor Pressure Deficit 14 Day

As of: Tuesday, May 7, 2019

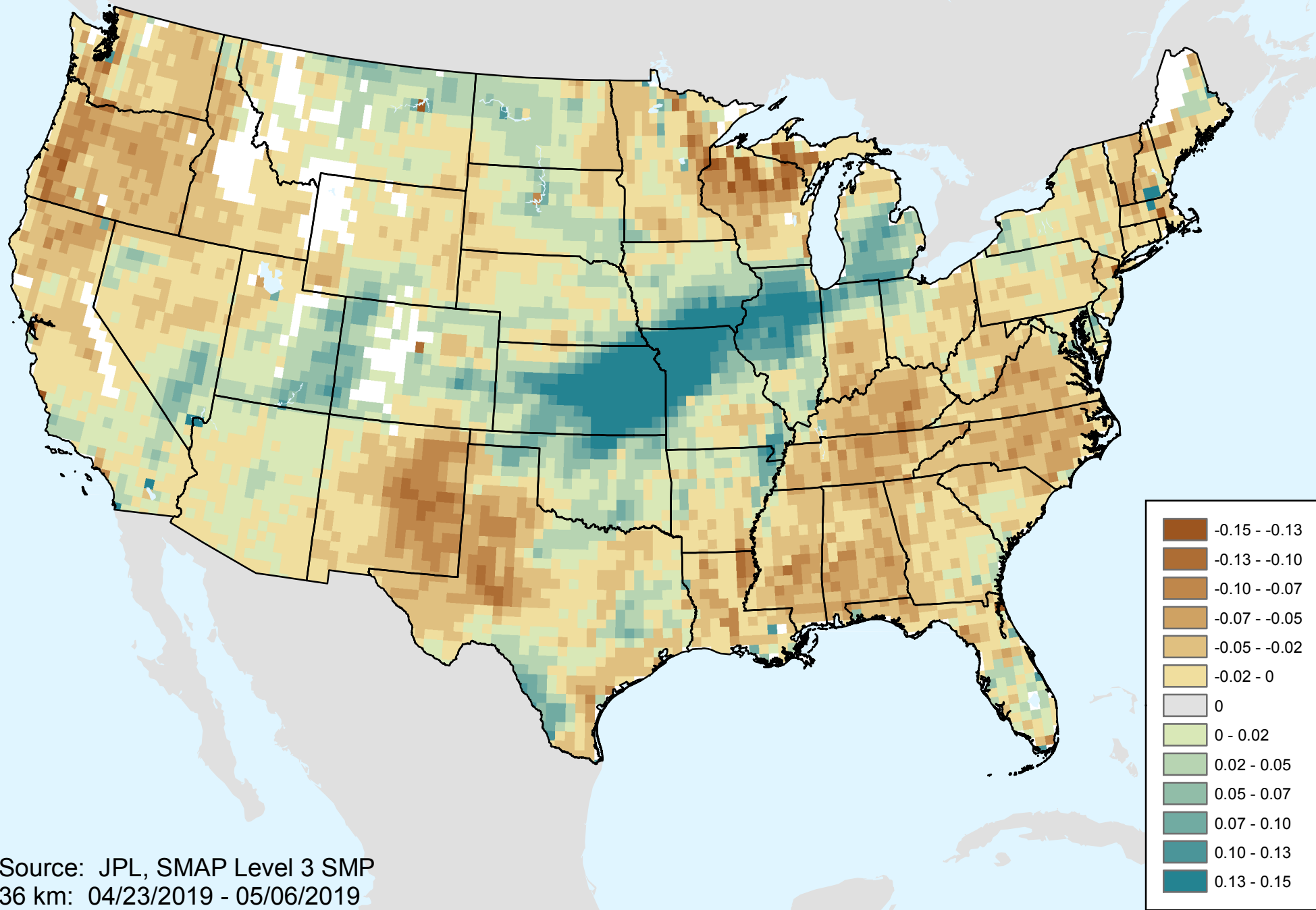


AIRS-Based Vapor Pressure Deficit 28 Day

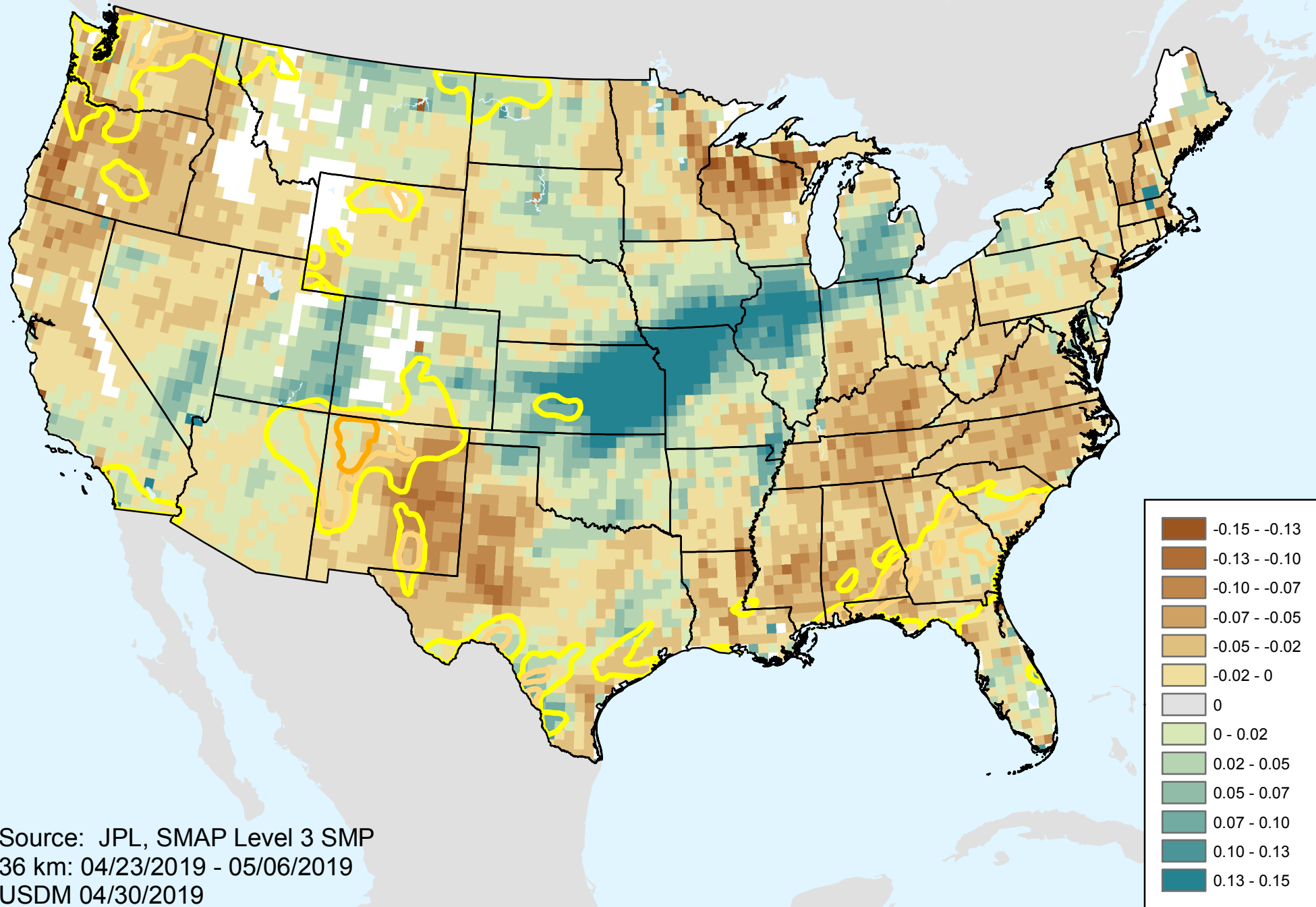
As of: Tuesday, May 7, 2019



SMAP 1-Week Change in Soil Moisture 0-5 cm

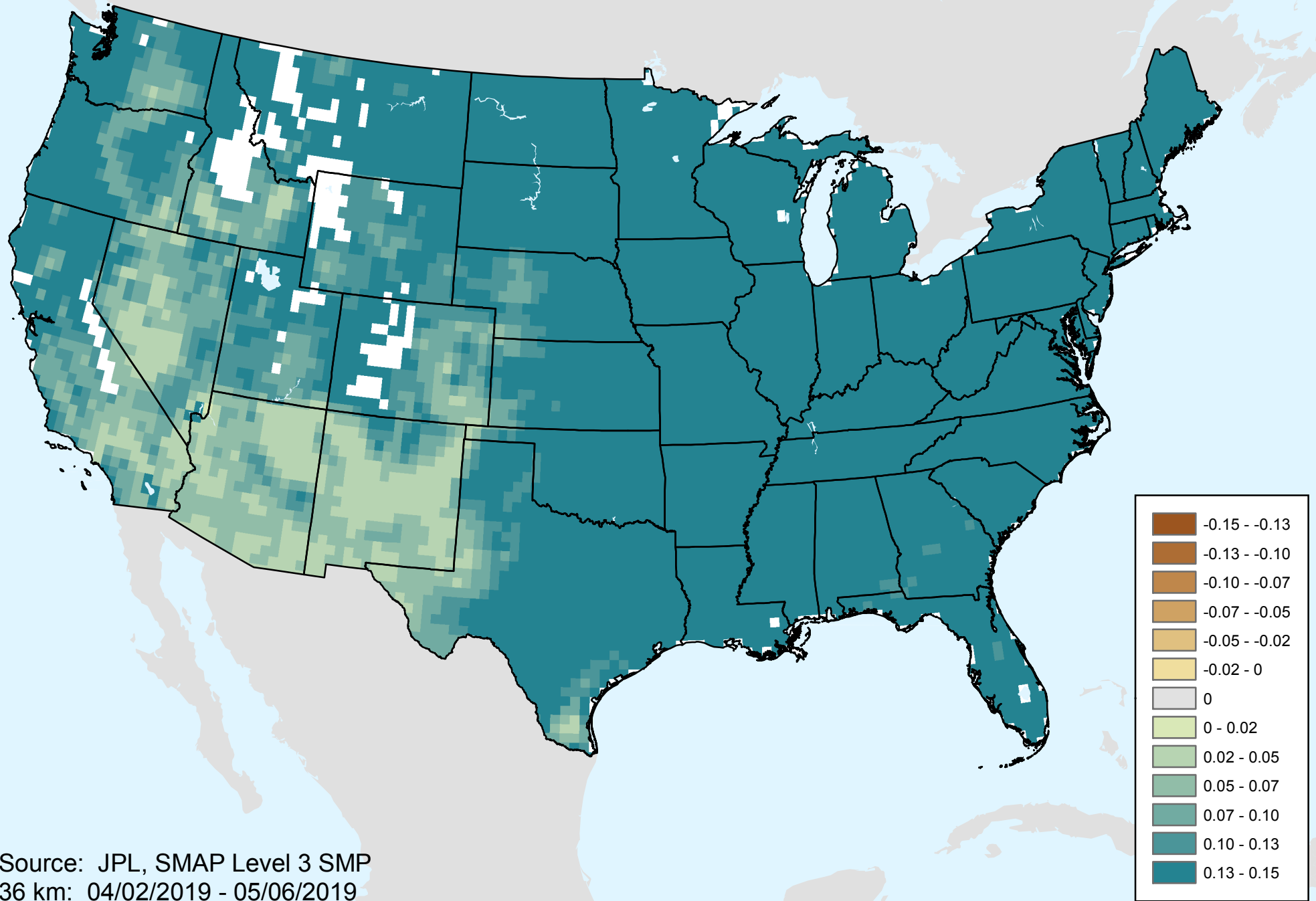


SMAP 1-Week Change in Soil Moisture 0-5 cm



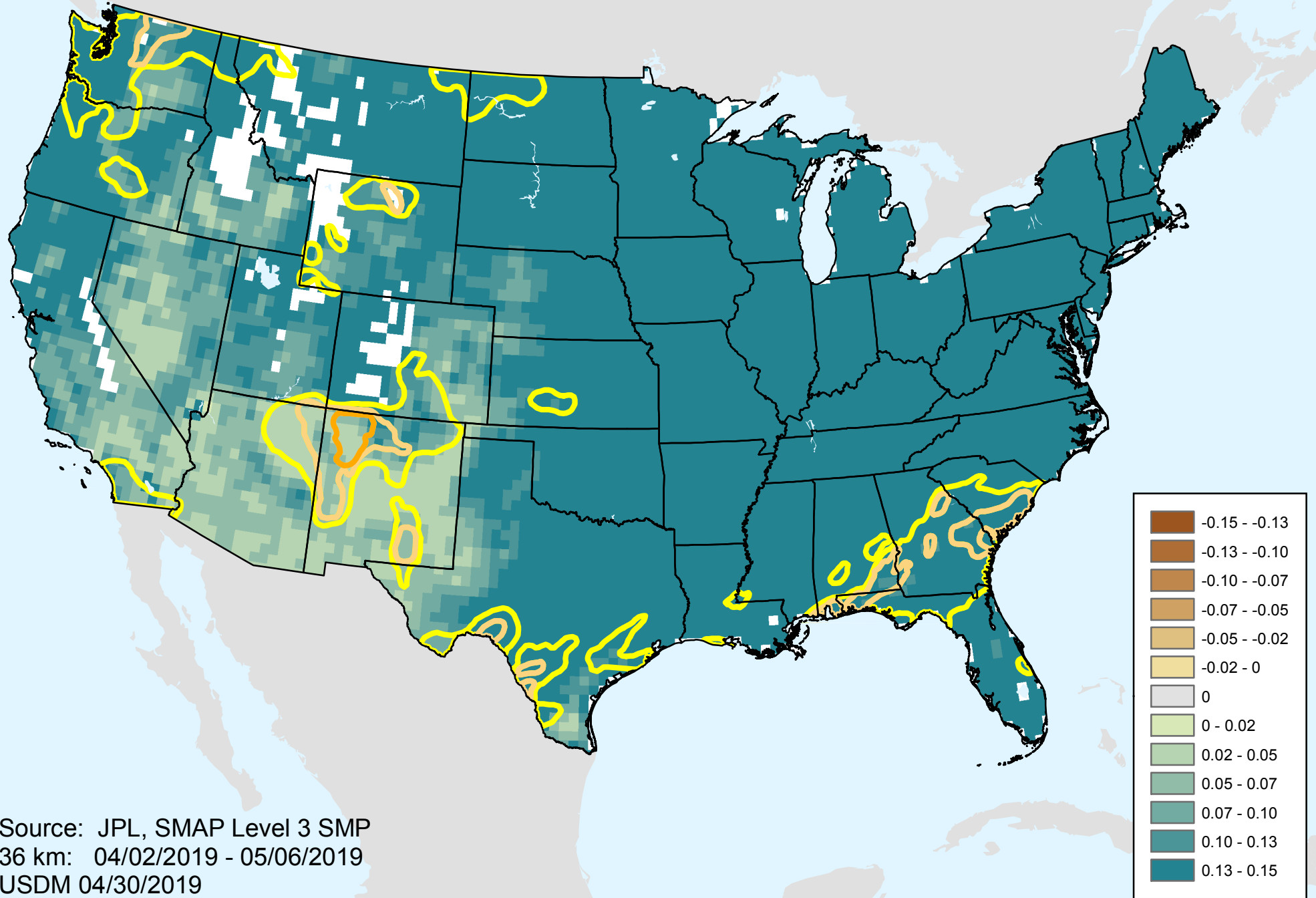
Source: JPL, SMAP Level 3 SMP
36 km: 04/23/2019 - 05/06/2019
USDM 04/30/2019

SMAP 1-Month Change in Soil Moisture 0-5 cm



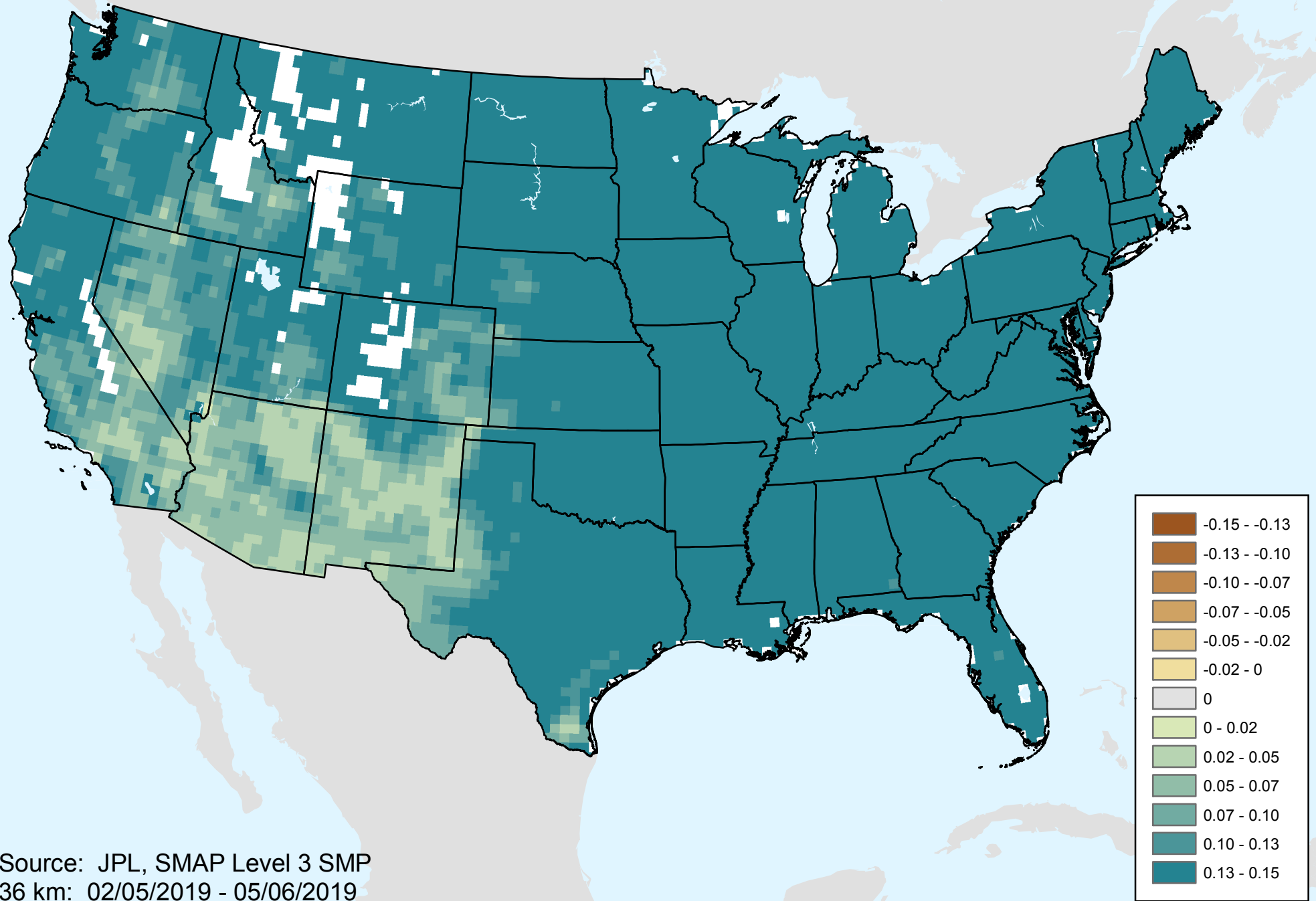
Source: JPL, SMAP Level 3 SMP
36 km: 04/02/2019 - 05/06/2019

SMAP 1-Month Change in Soil Moisture 0-5 cm



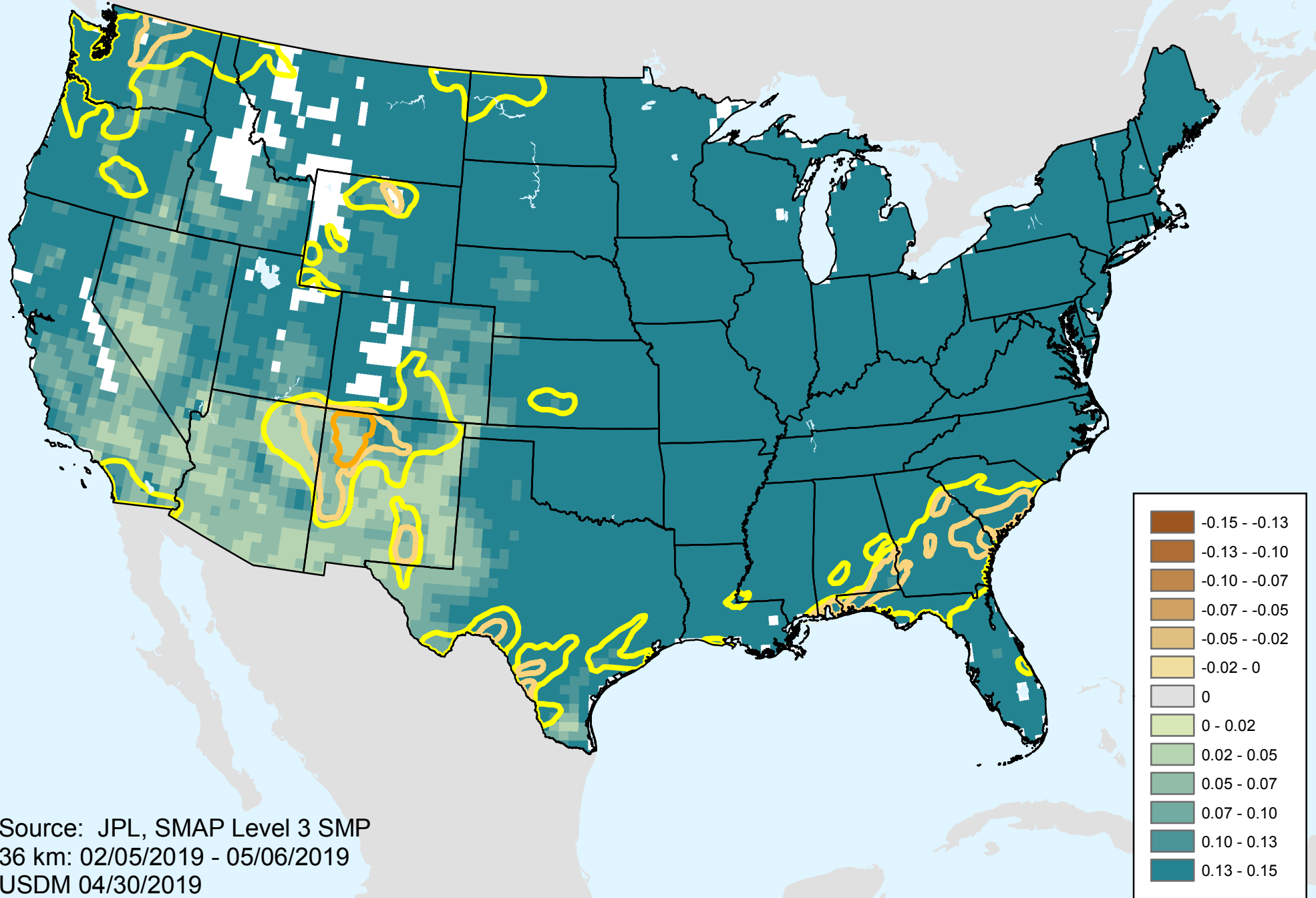
Source: JPL, SMAP Level 3 SMP
36 km: 04/02/2019 - 05/06/2019
USDM 04/30/2019

SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP
36 km: 02/05/2019 - 05/06/2019

SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP
36 km: 02/05/2019 - 05/06/2019
USDM 04/30/2019