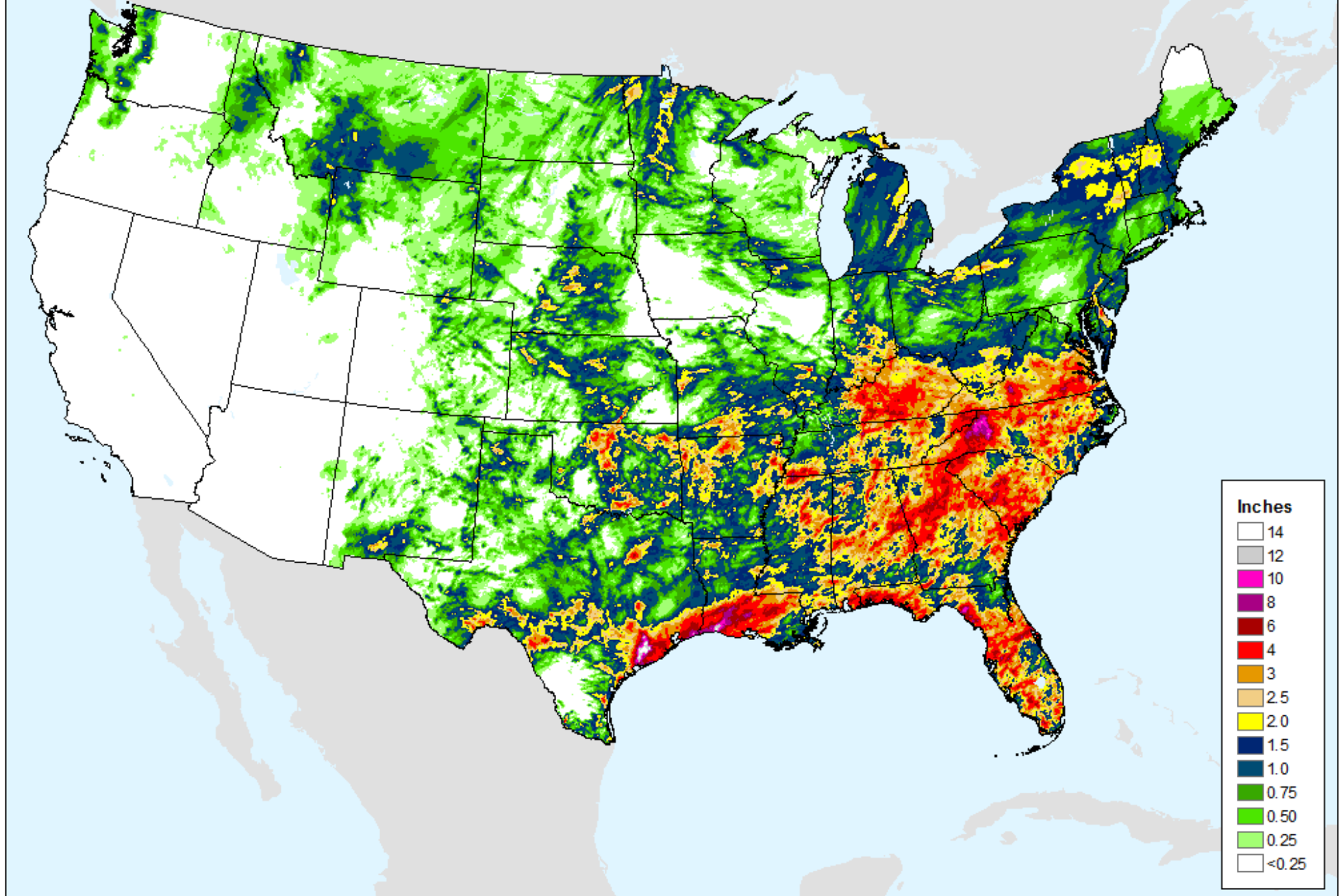


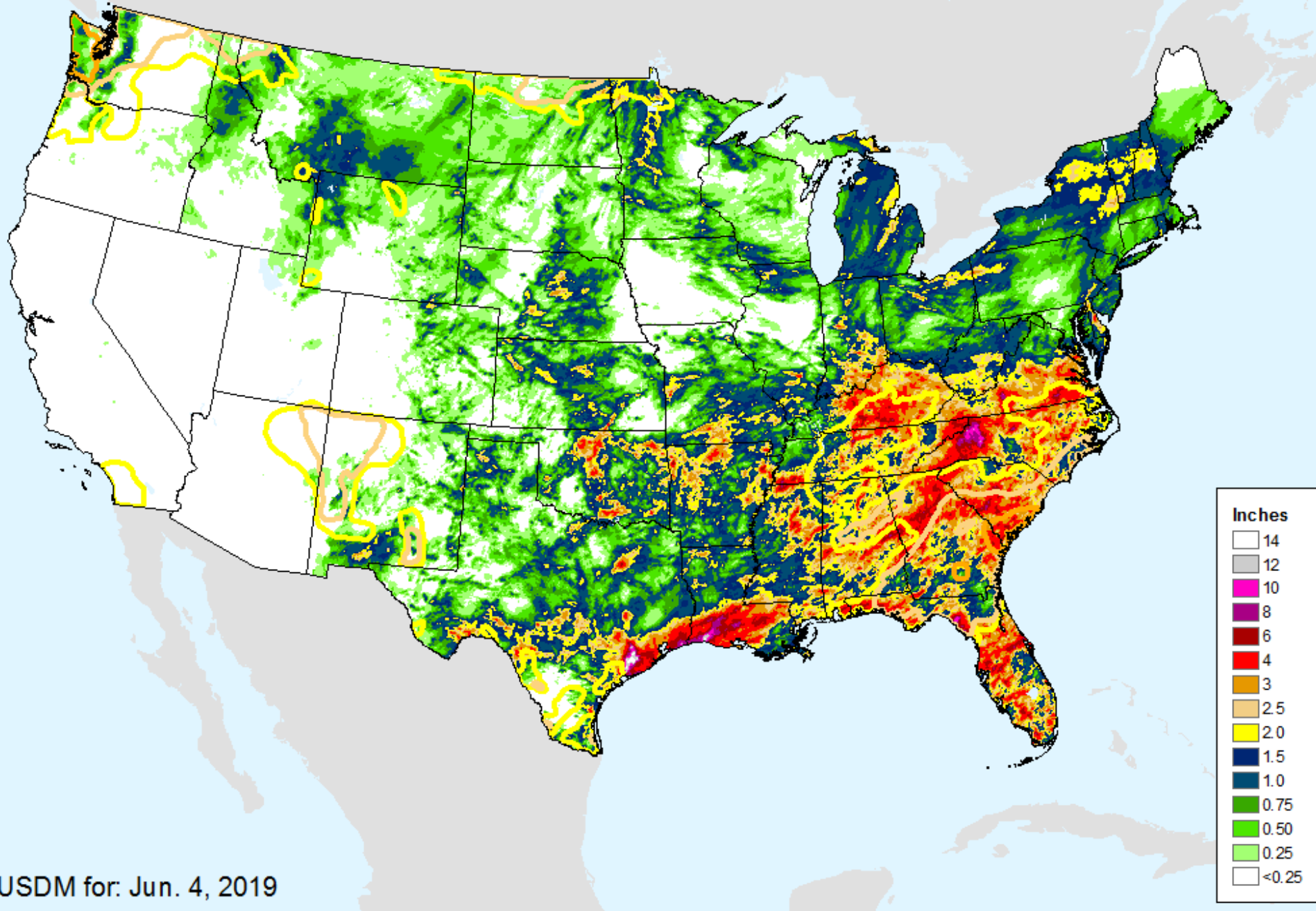
AHPS 7-Day Precipitation

As of: Tuesday, June 11, 2019



AHPS 7-Day Precipitation

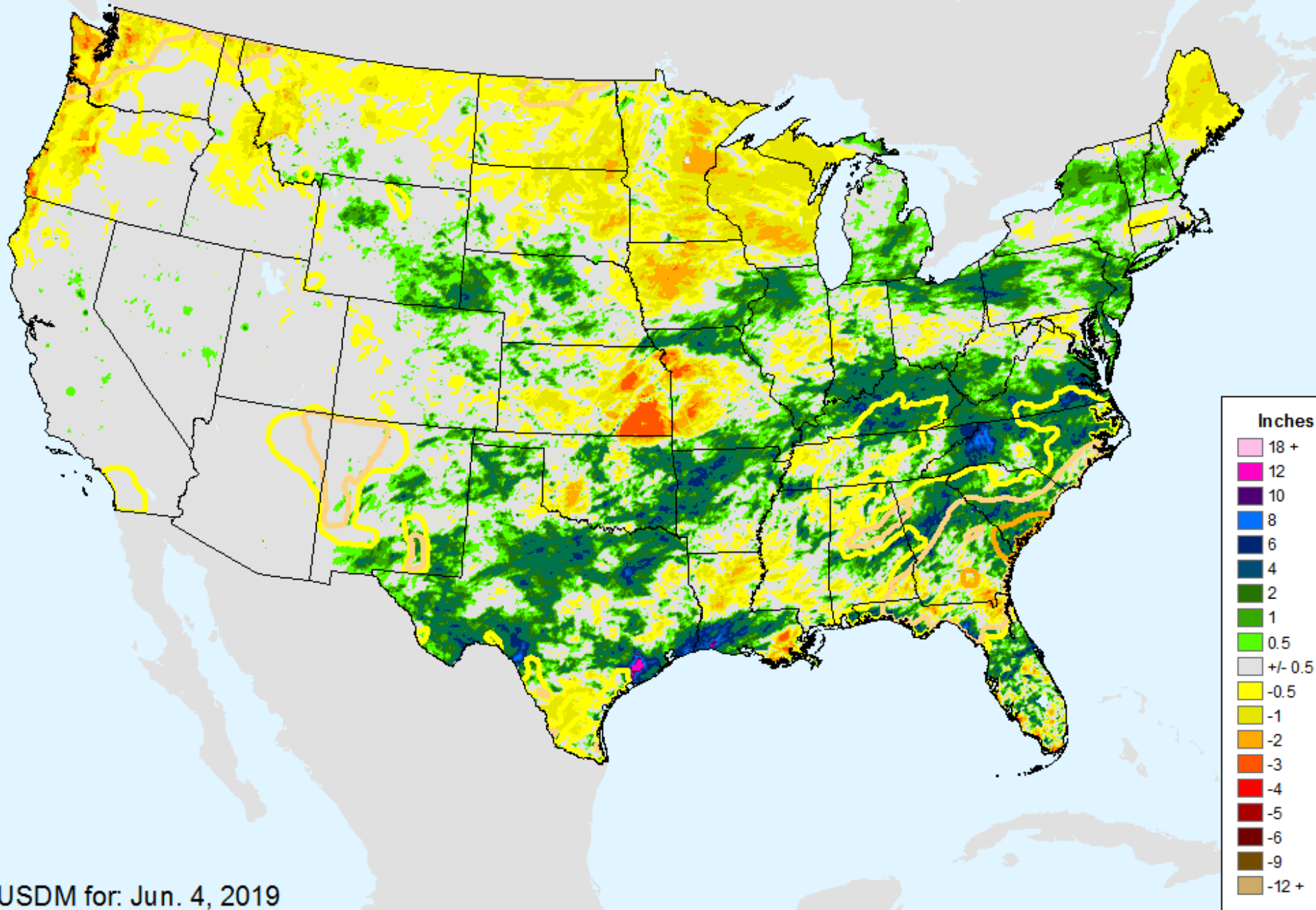
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

AHPS 14-Day Precip Departure

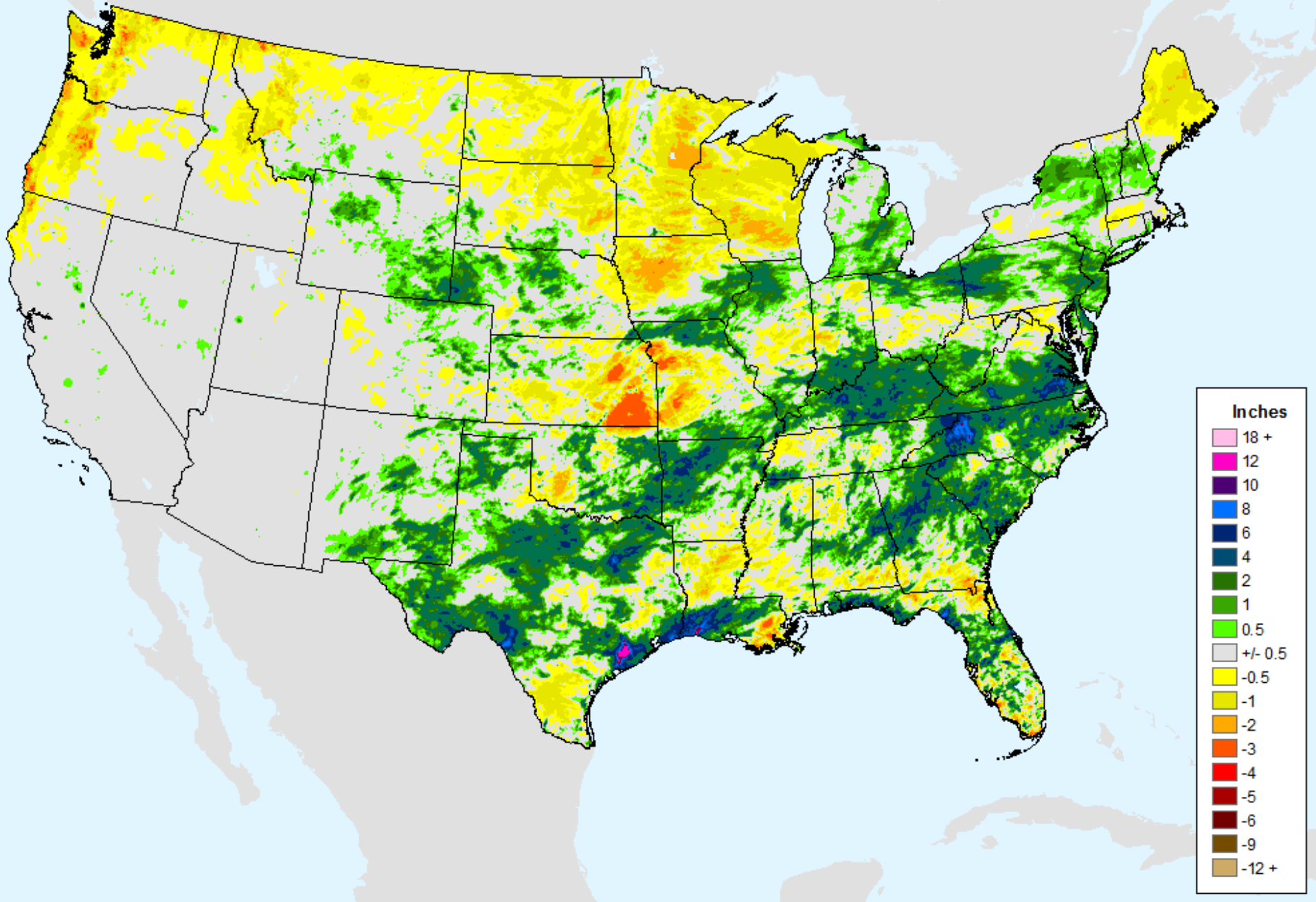
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

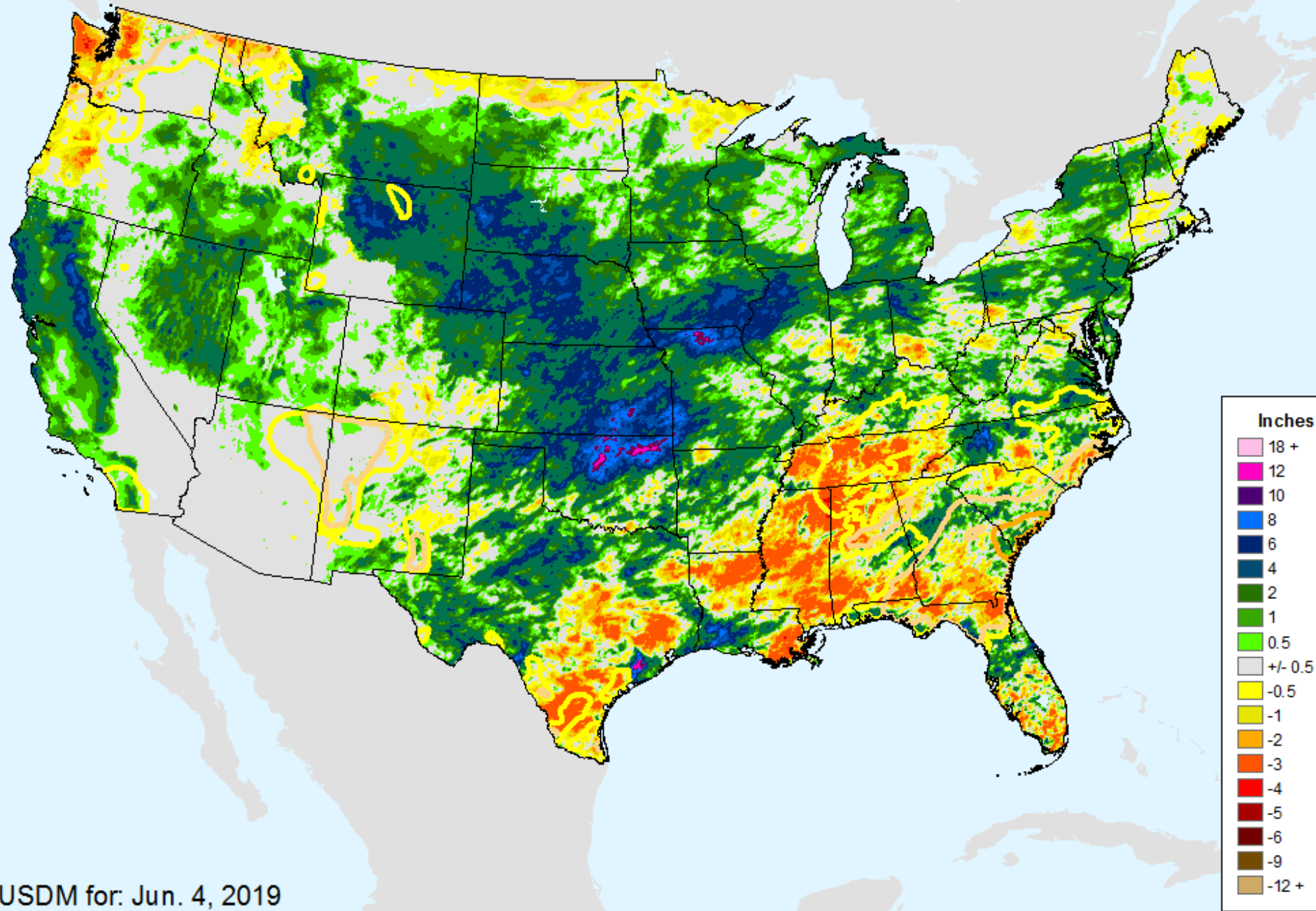
AHPS 14-Day Precip Departure

As of: Tuesday, June 11, 2019



AHPS 30-Day Precip Departure

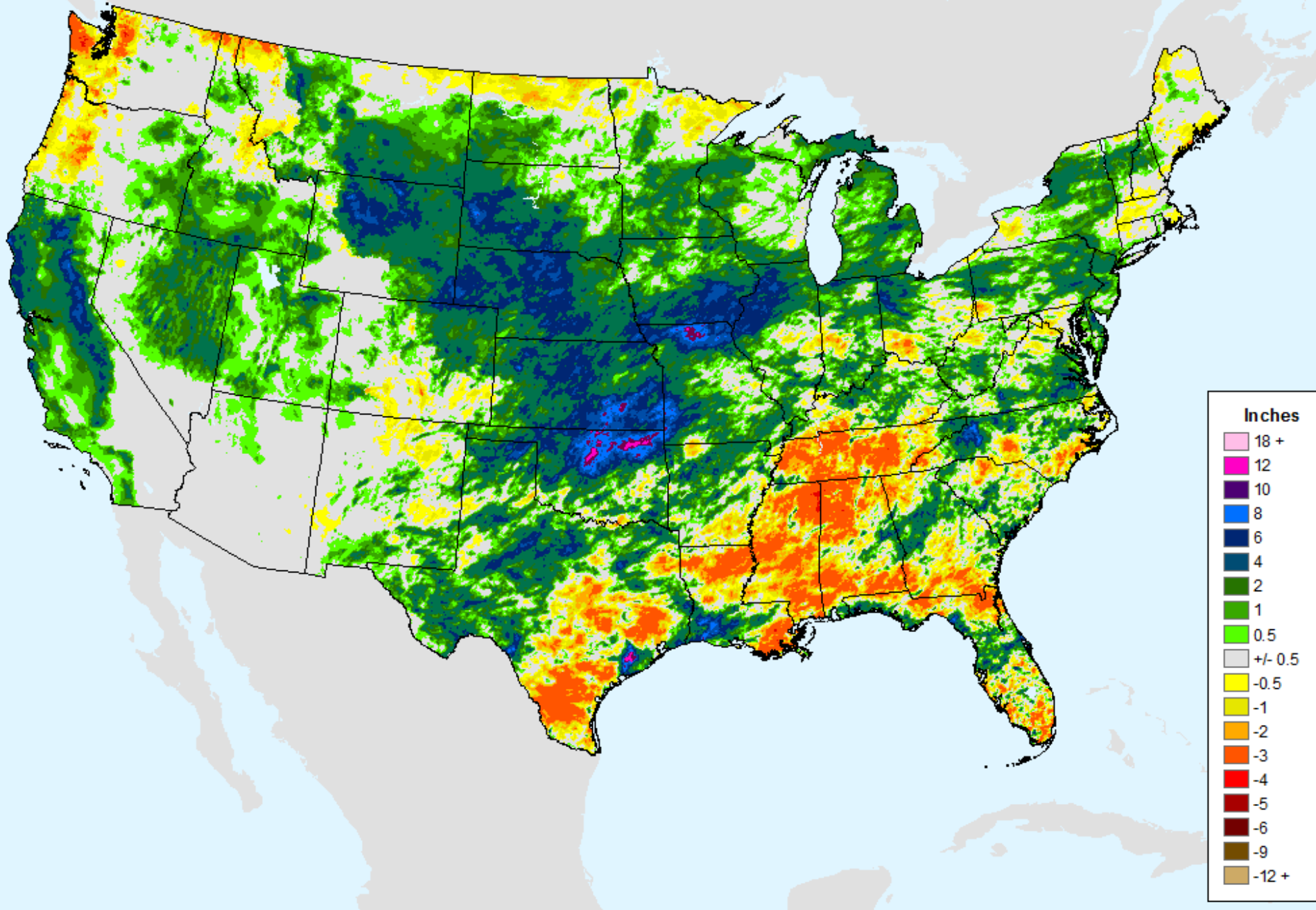
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

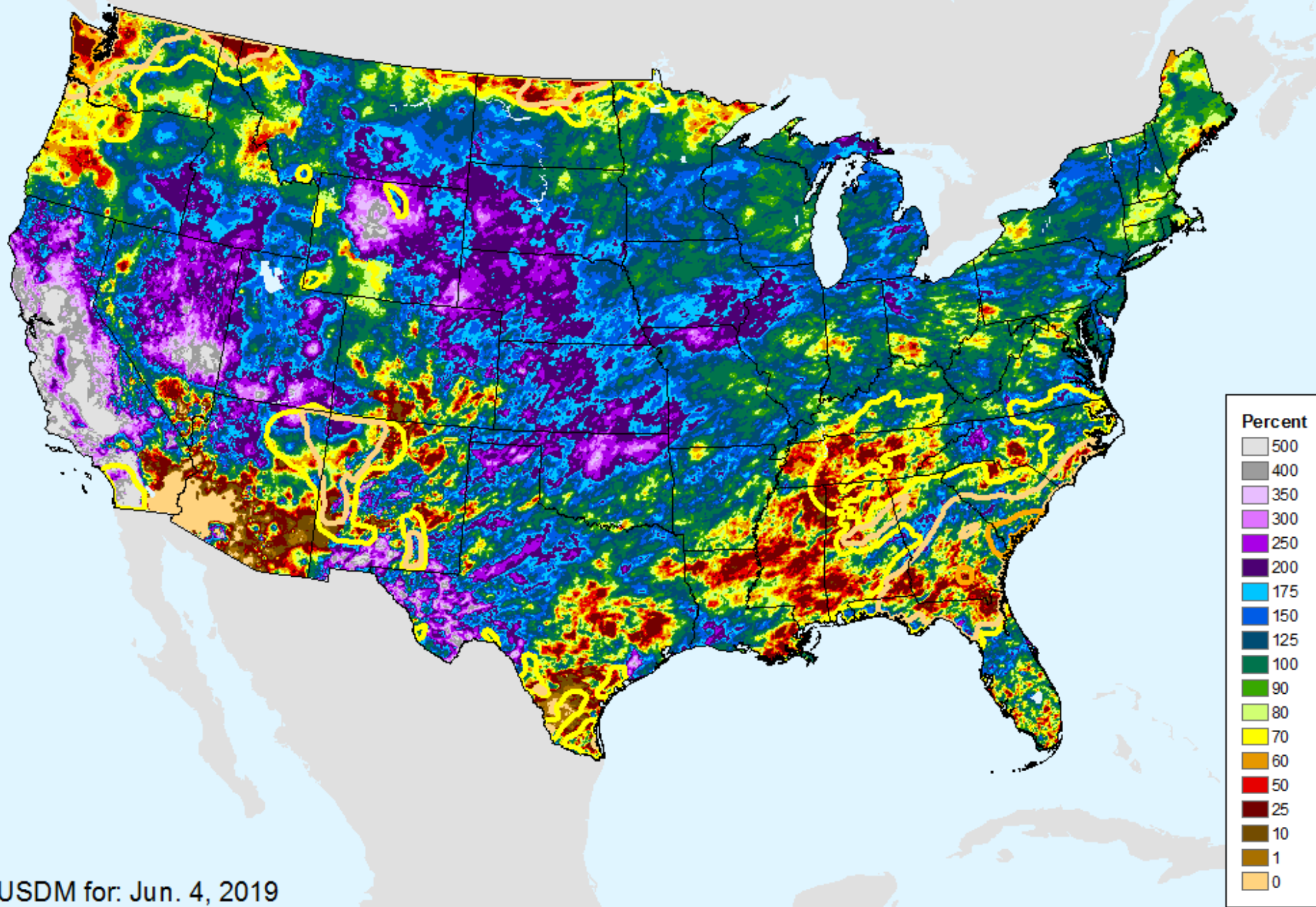
AHPS 30-Day Precip Departure

As of: Tuesday, June 11, 2019



AHPS 30-Day Pct of Normal Pcp

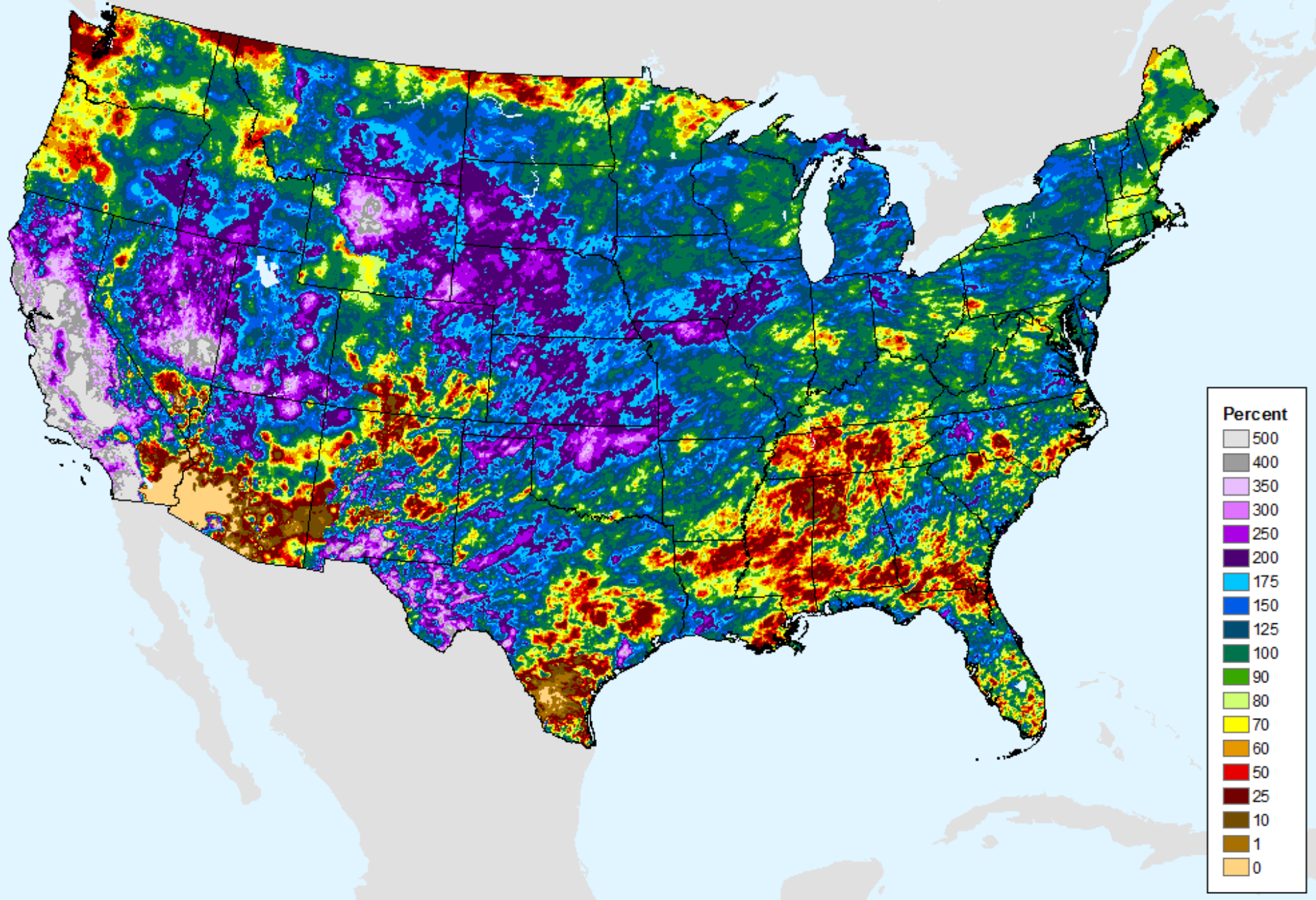
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

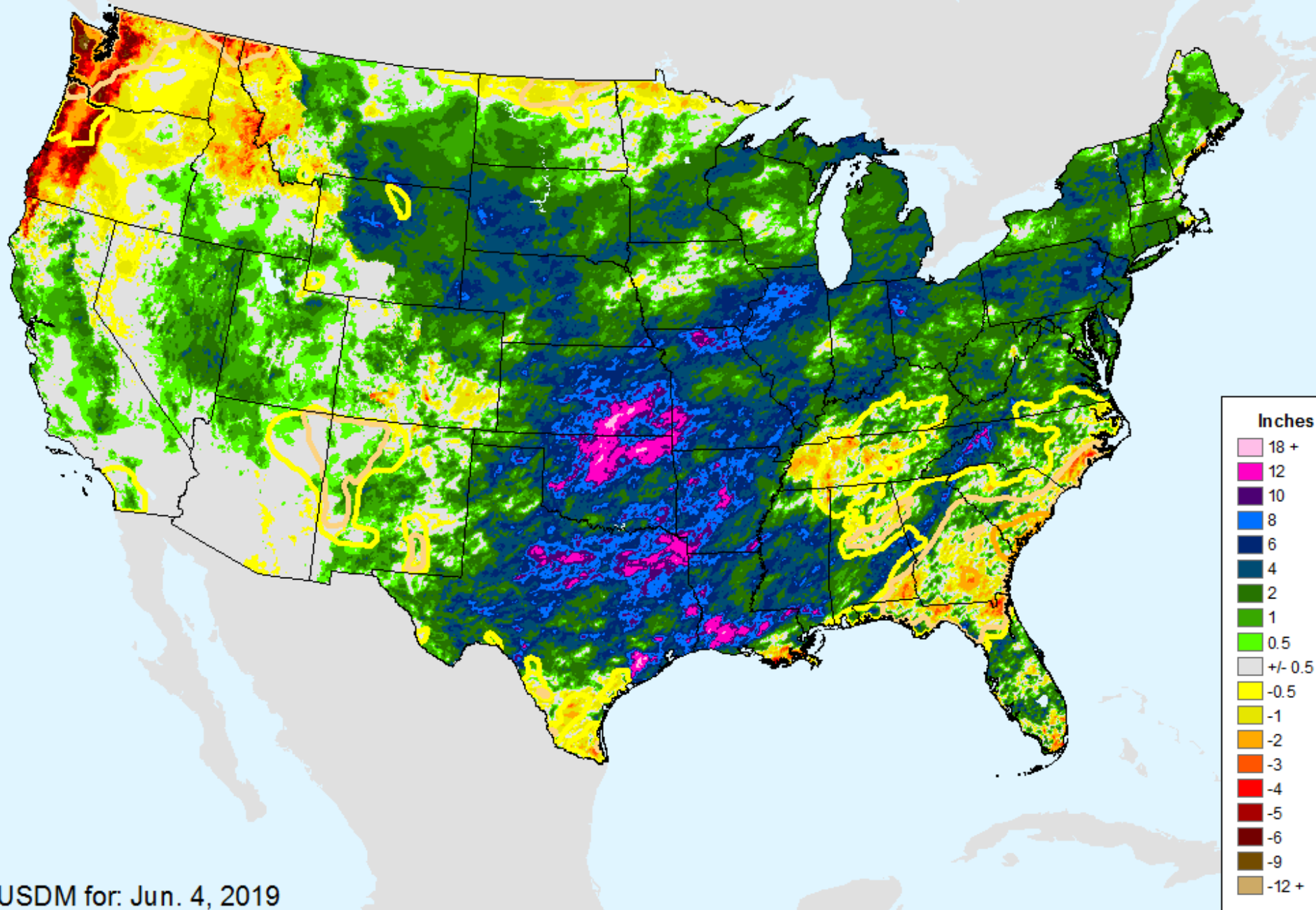
AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, June 11, 2019



AHPS 60-Day Precip Departure

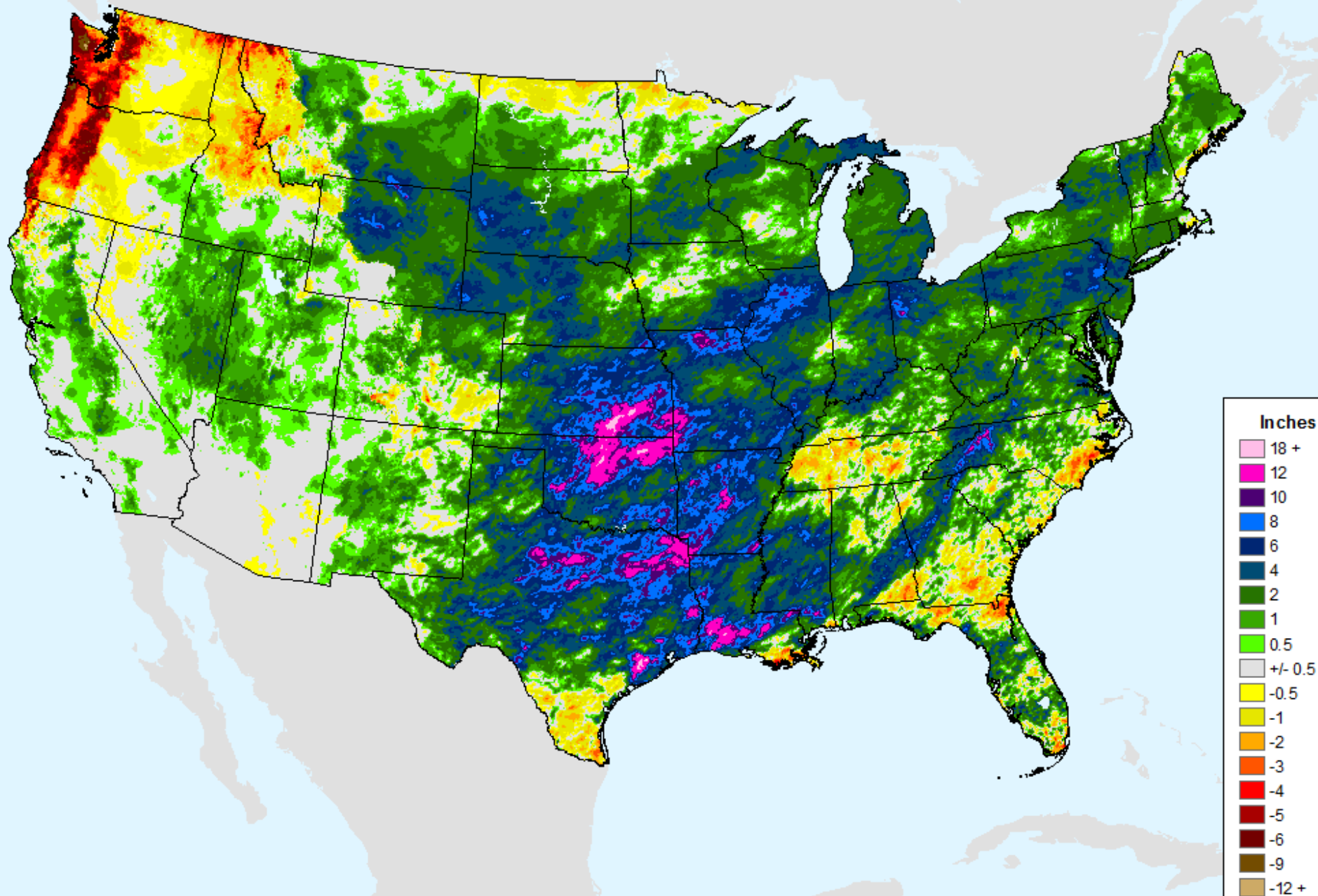
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

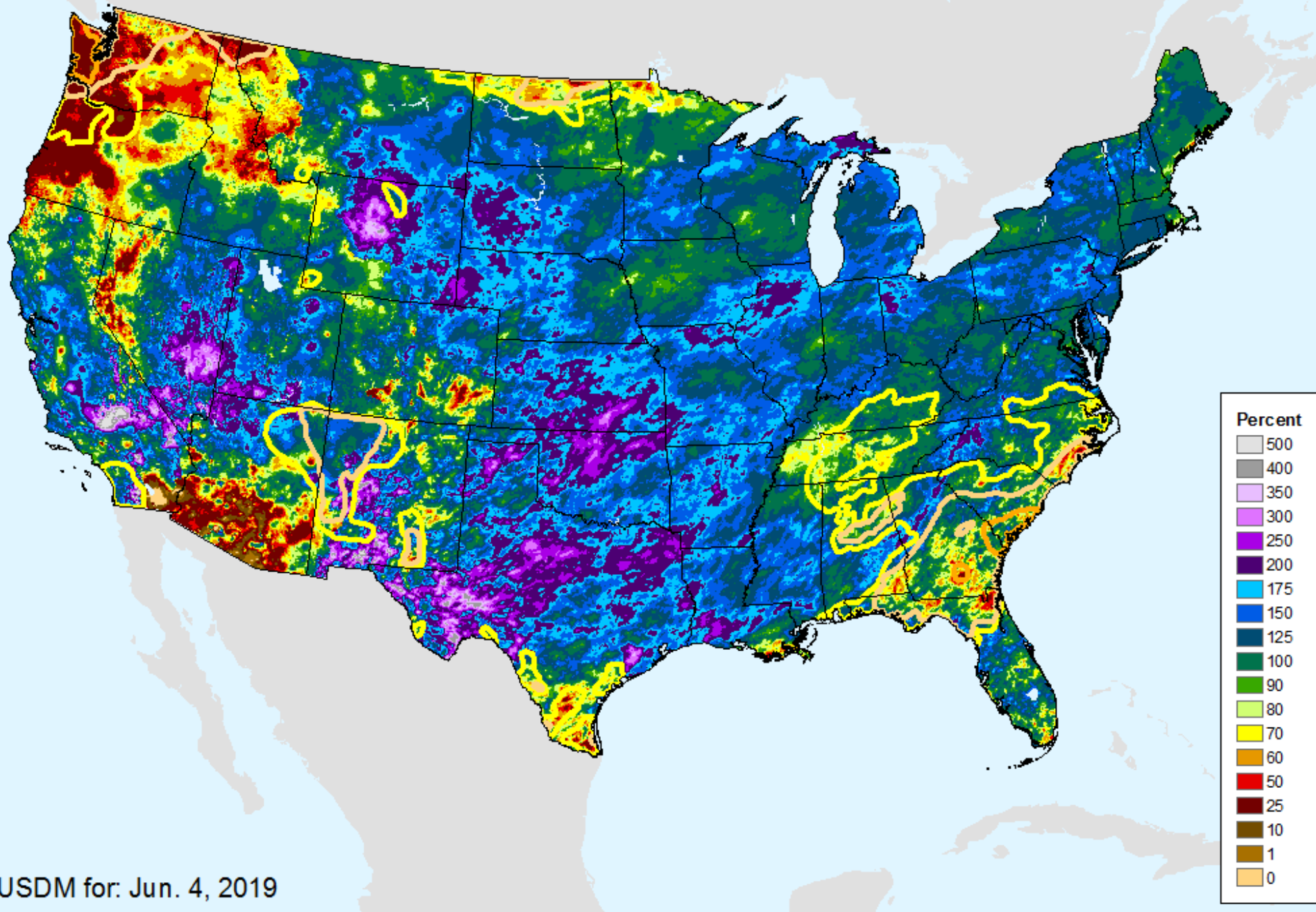
AHPS 60-Day Precip Departure

As of: Tuesday, June 11, 2019



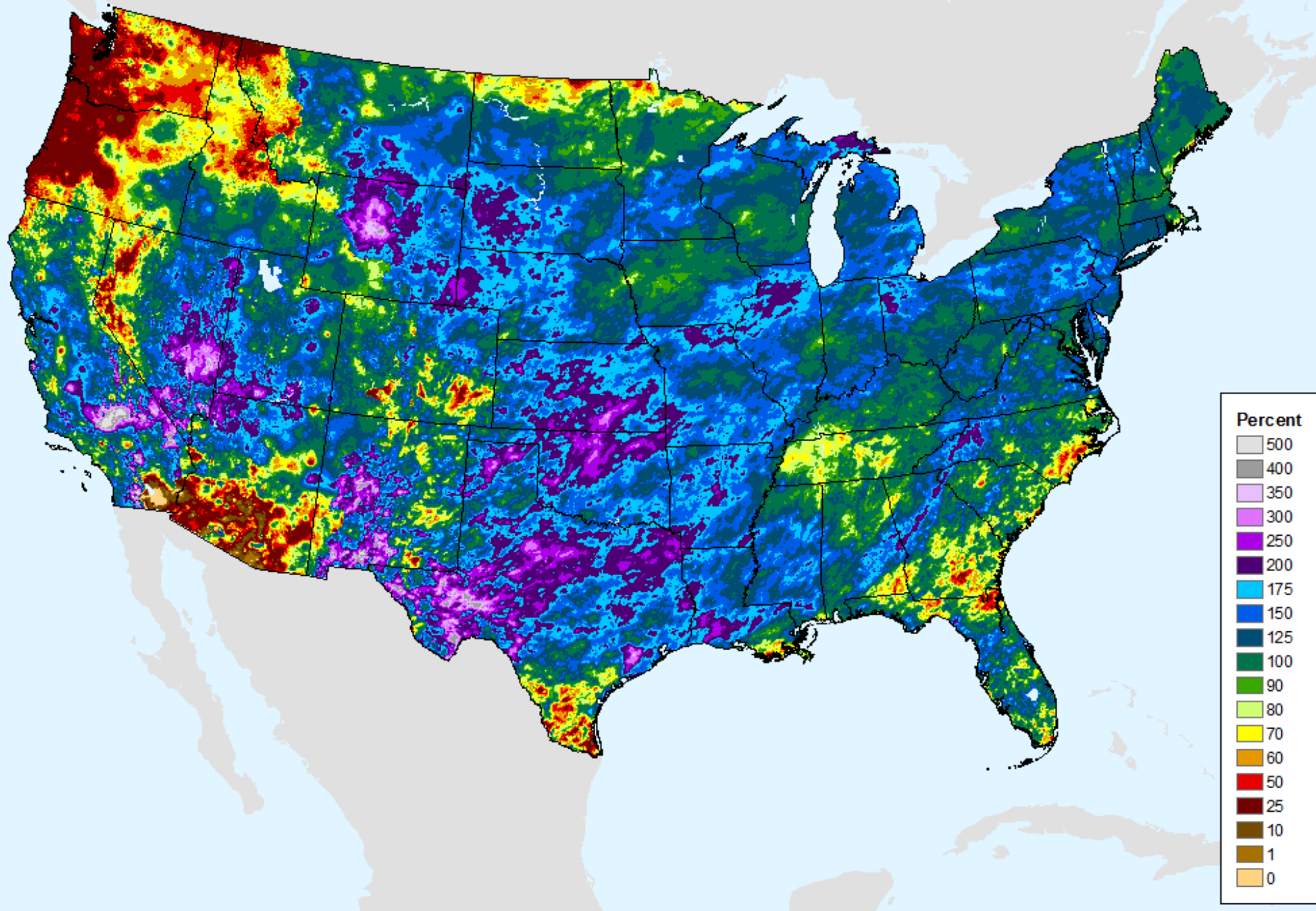
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, June 11, 2019



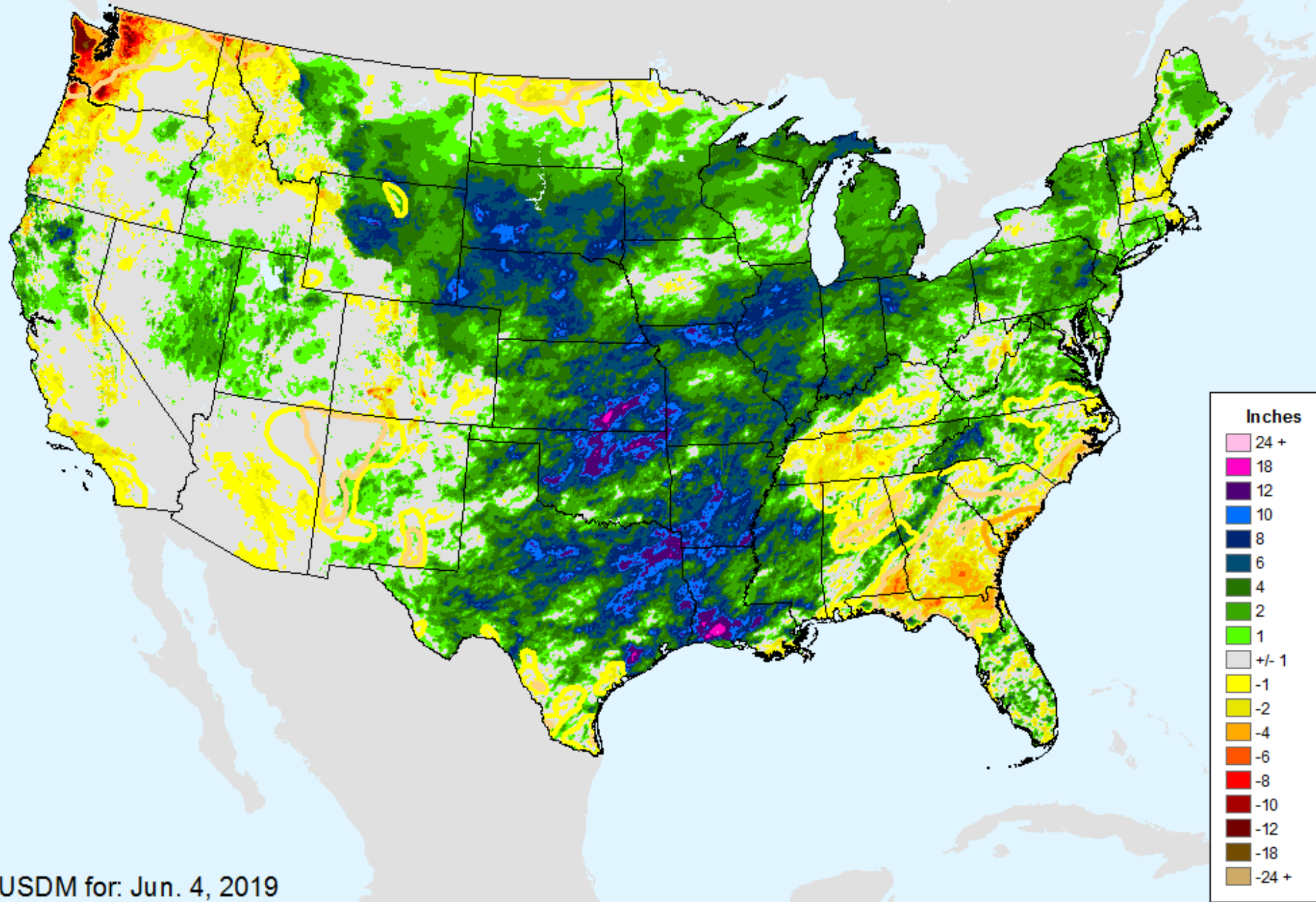
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, June 11, 2019



AHPS 90-Day Precip Departure

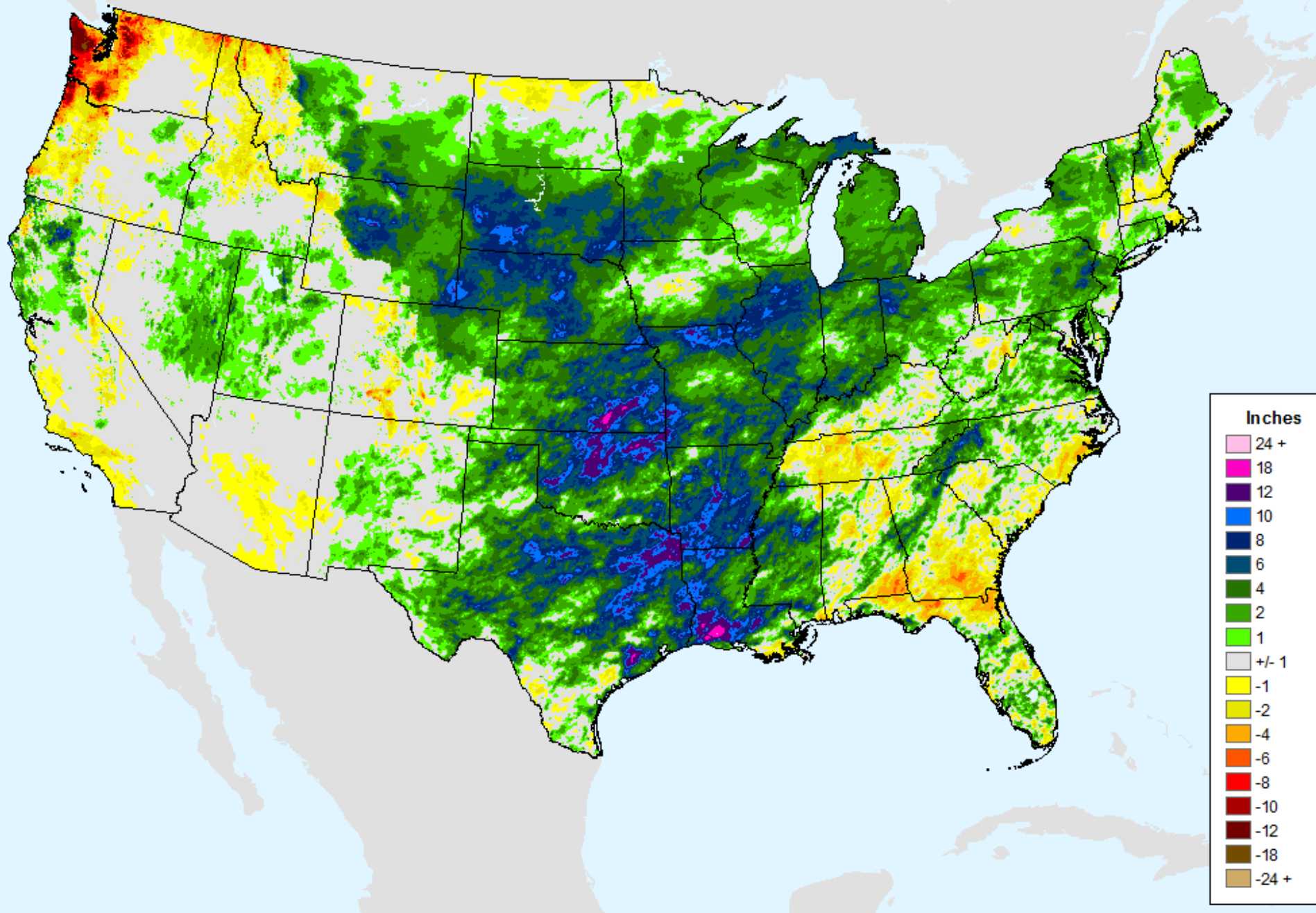
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

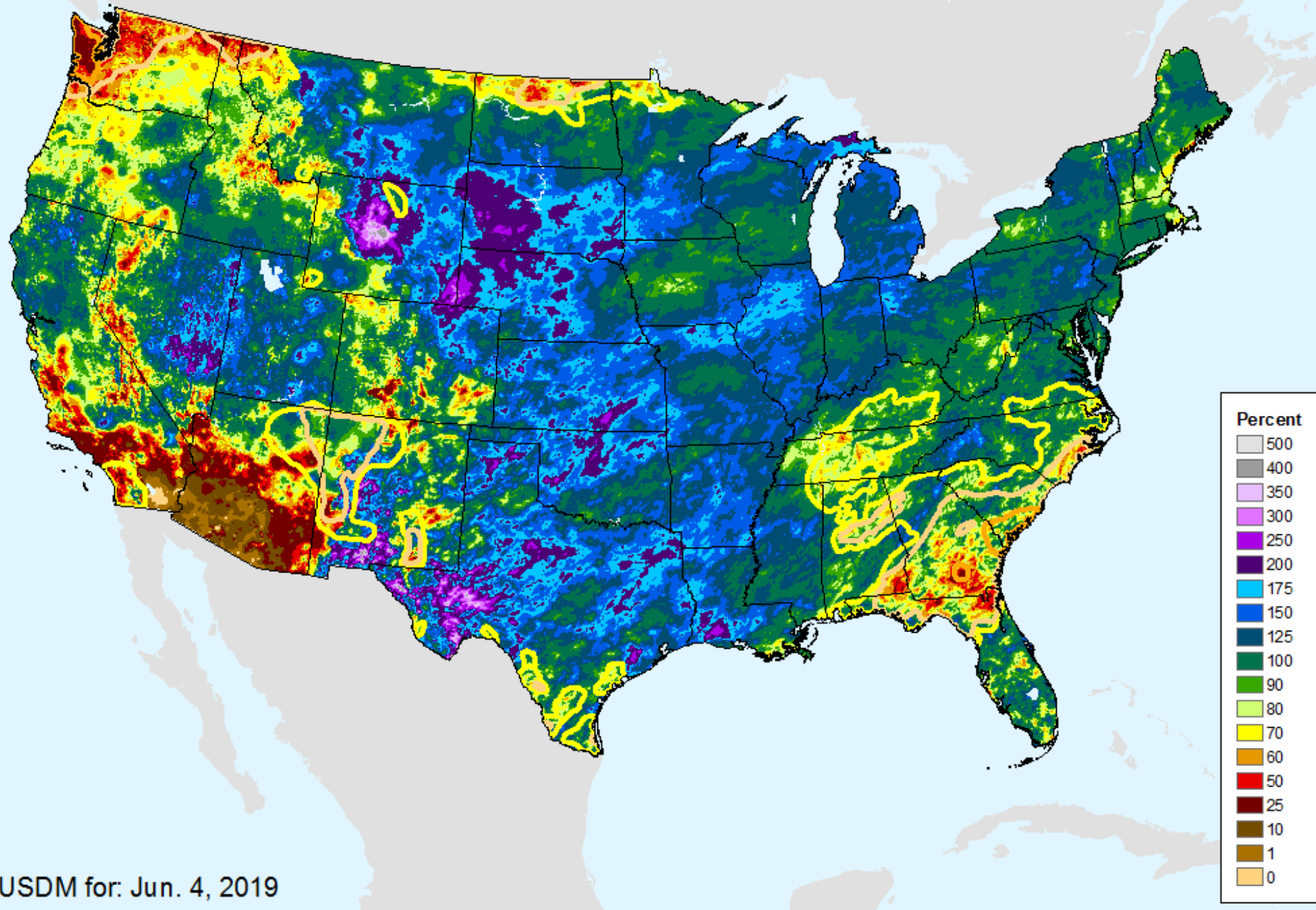
AHPS 90-Day Precip Departure

As of: Tuesday, June 11, 2019



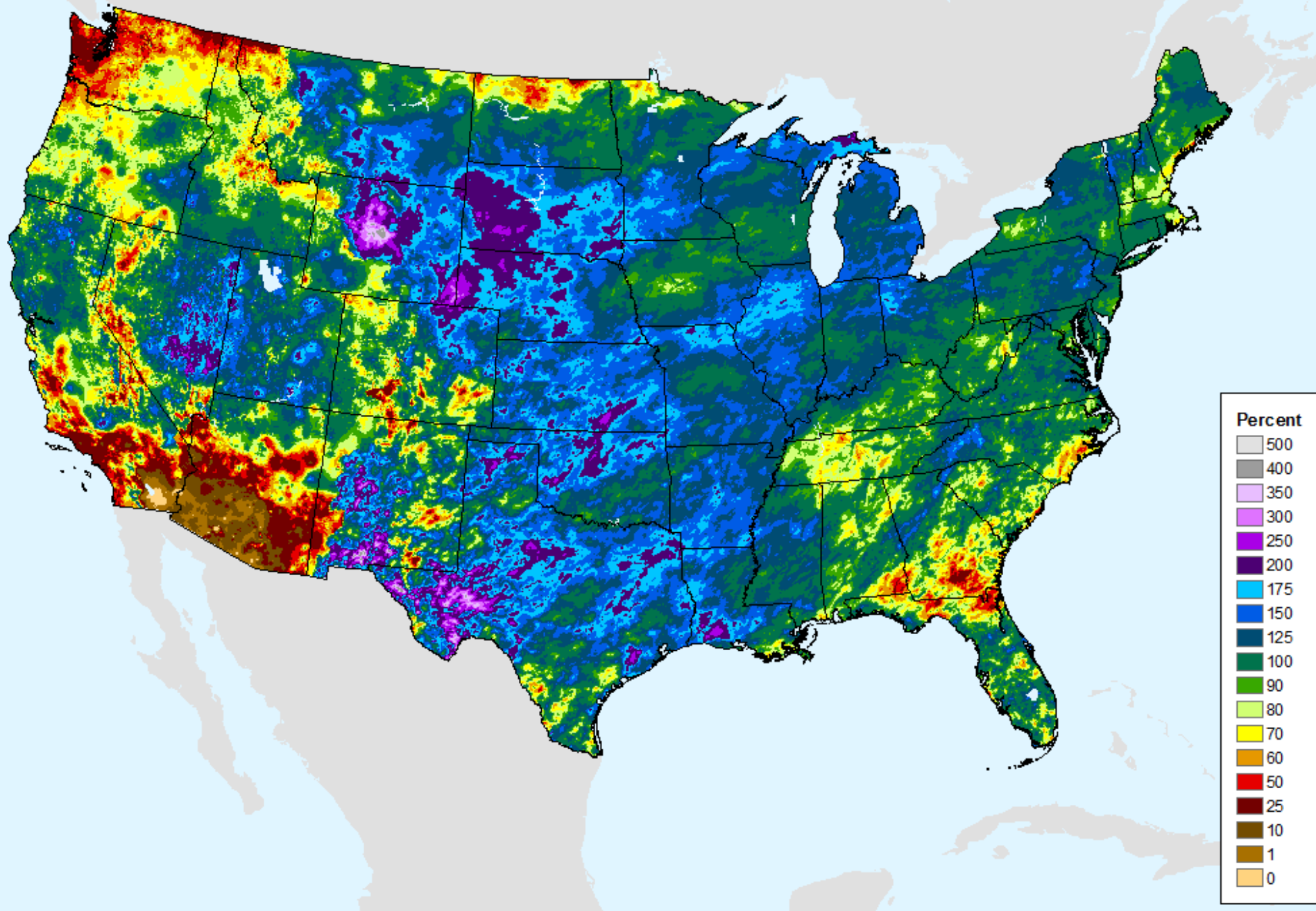
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, June 11, 2019



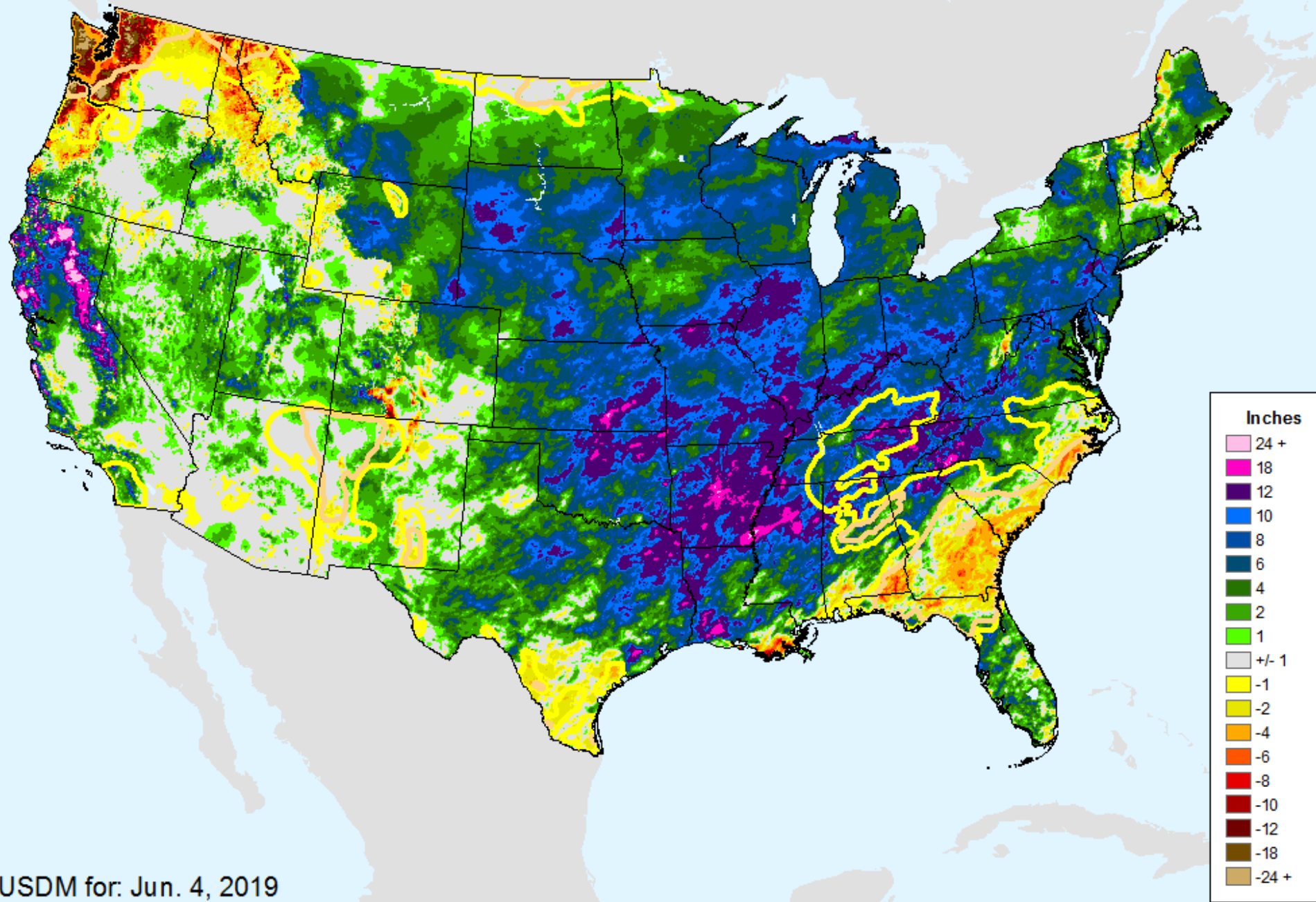
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, June 11, 2019



AHPS 180-Day Precip Departure

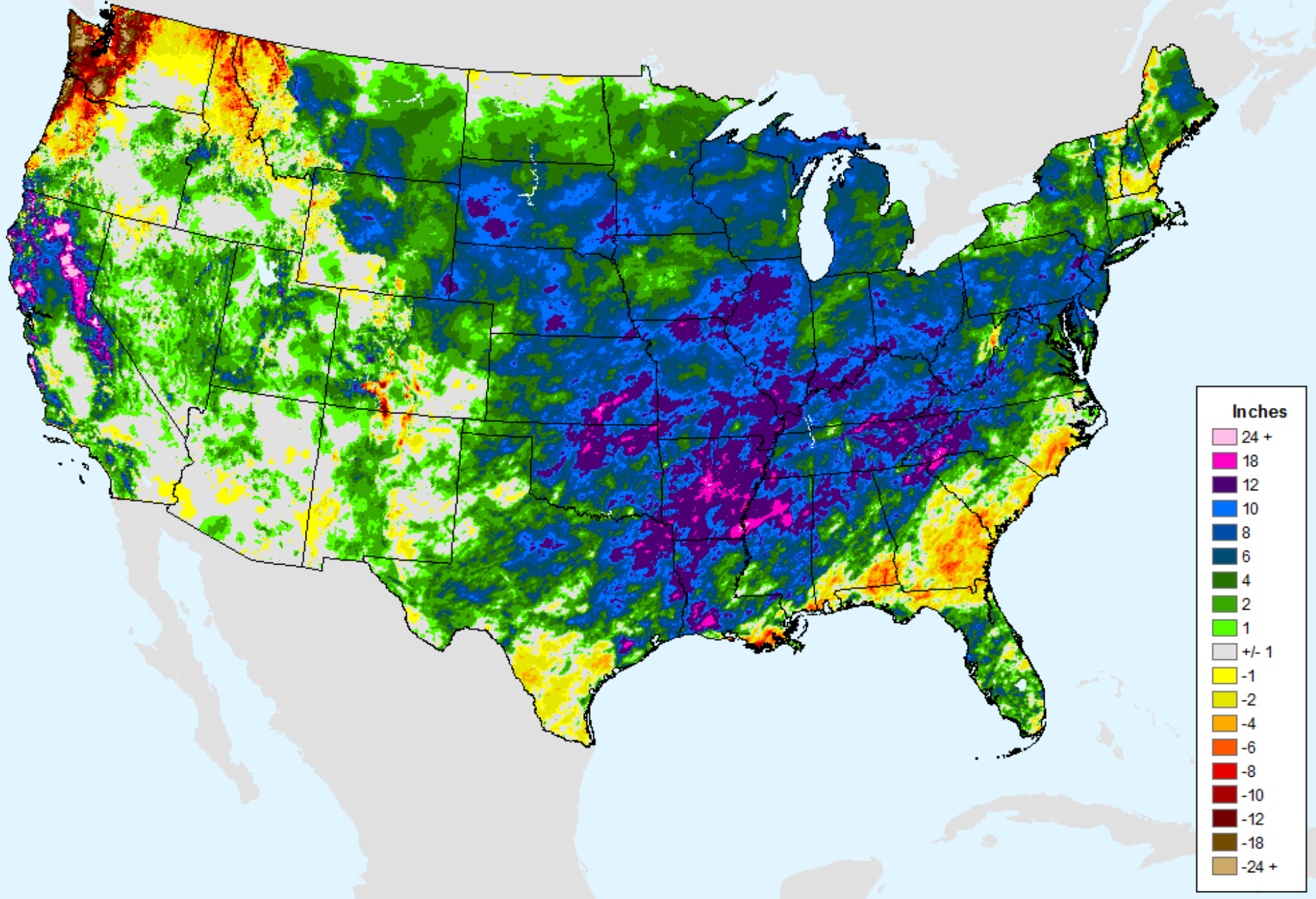
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

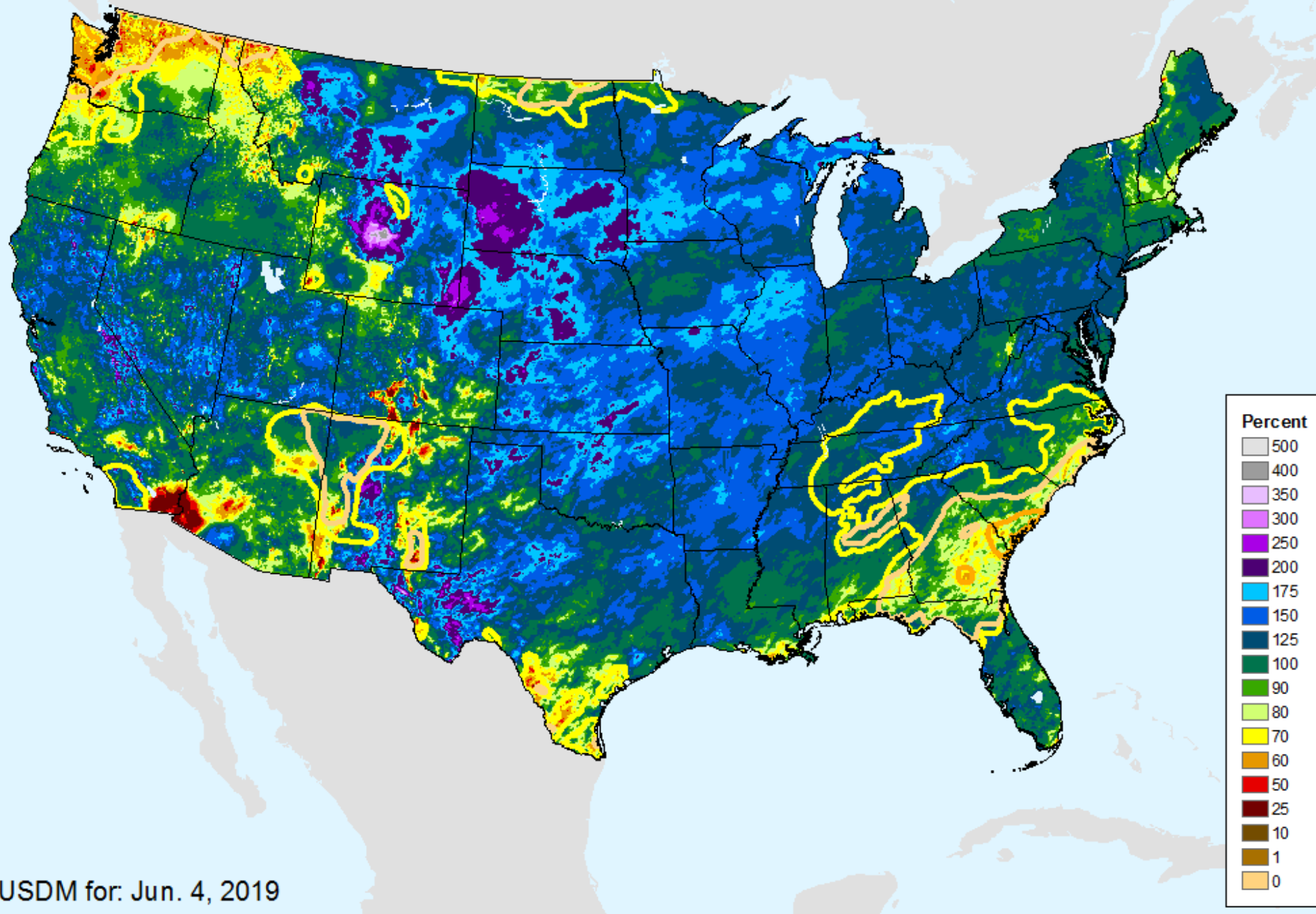
AHPS 180-Day Precip Departure

As of: Tuesday, June 11, 2019



AHPS 180-Day Pct of Normal Pcp

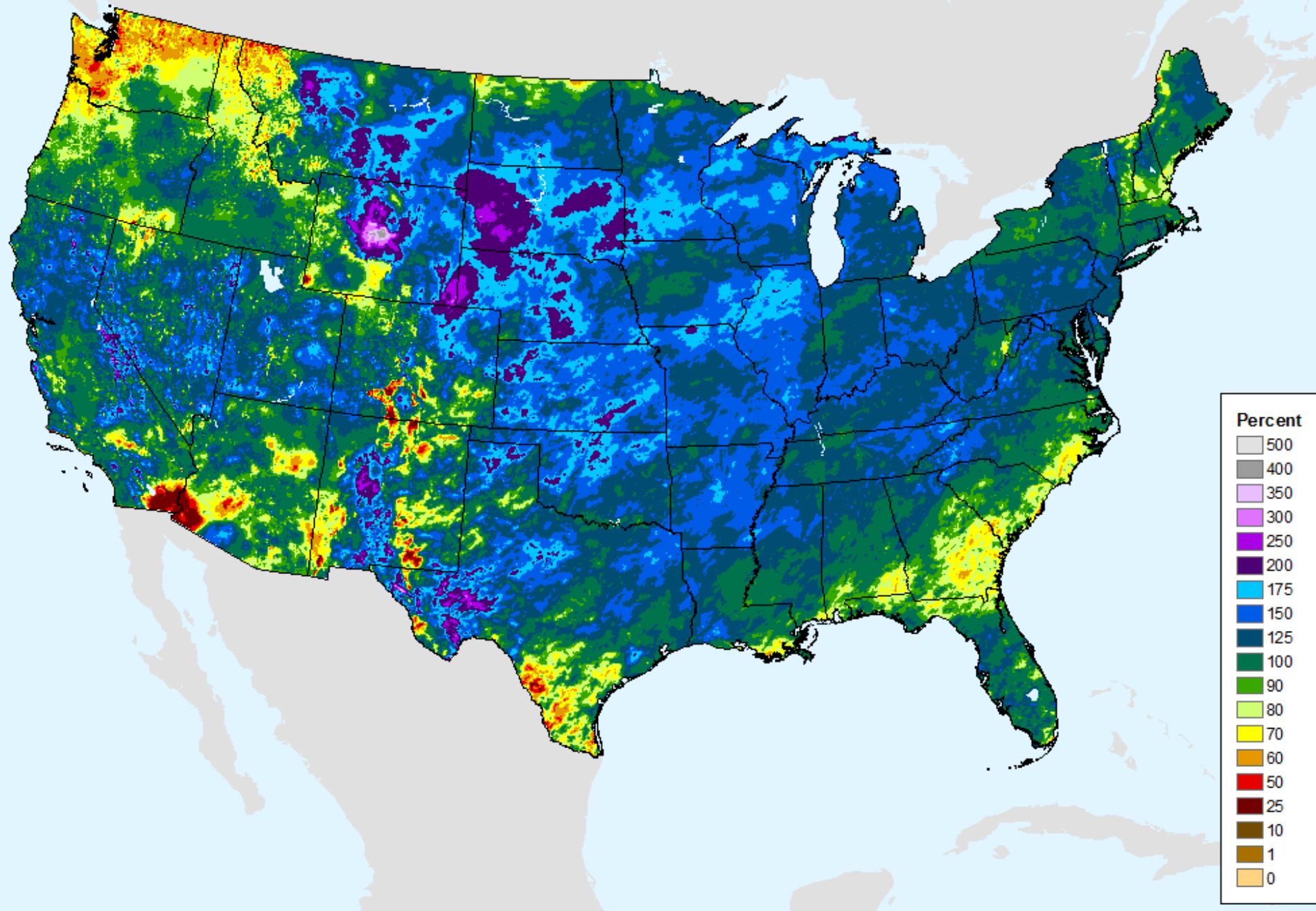
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

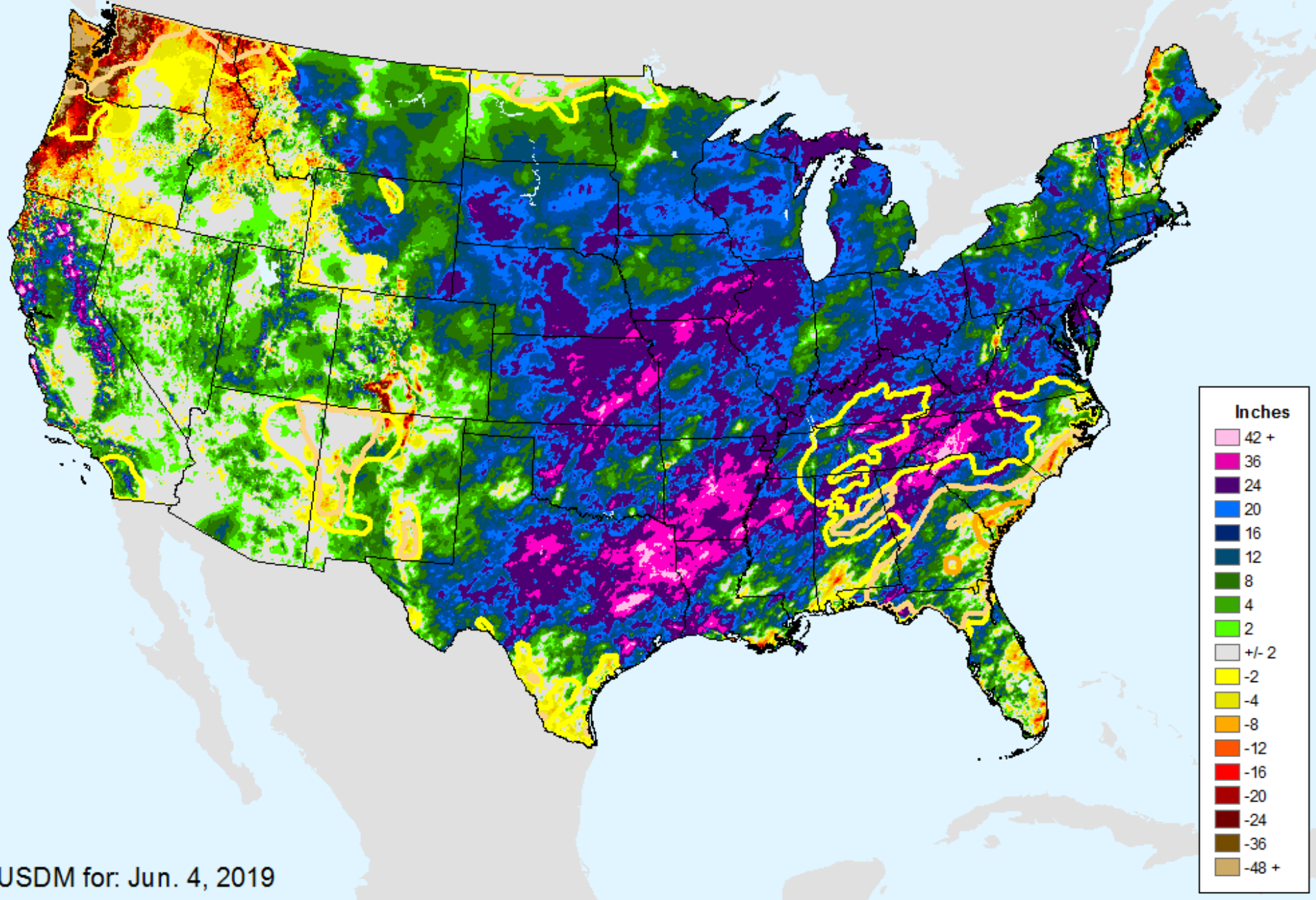
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, June 11, 2019



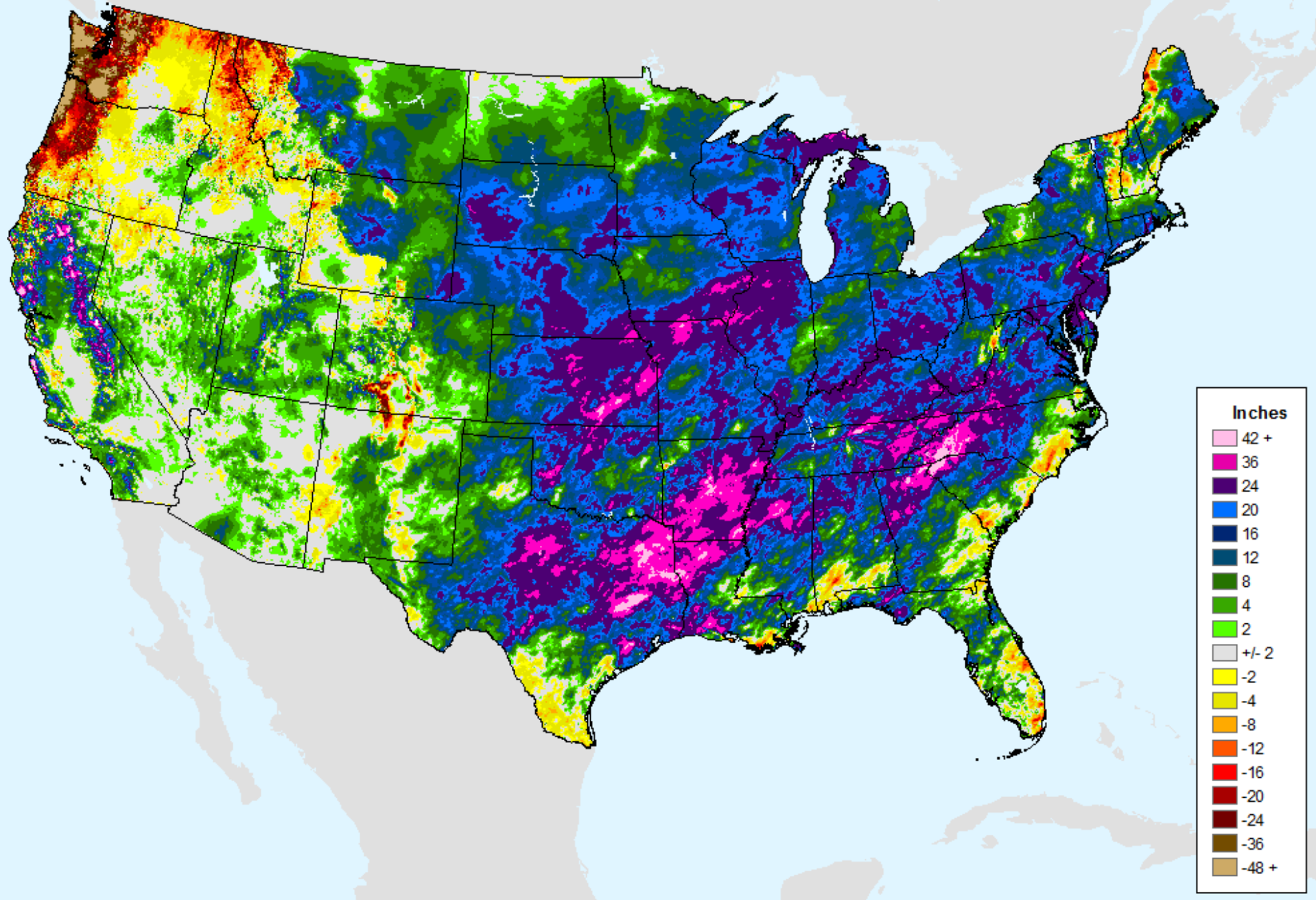
AHPS Water-Year Precip Departure

As of: Tuesday, June 11, 2019



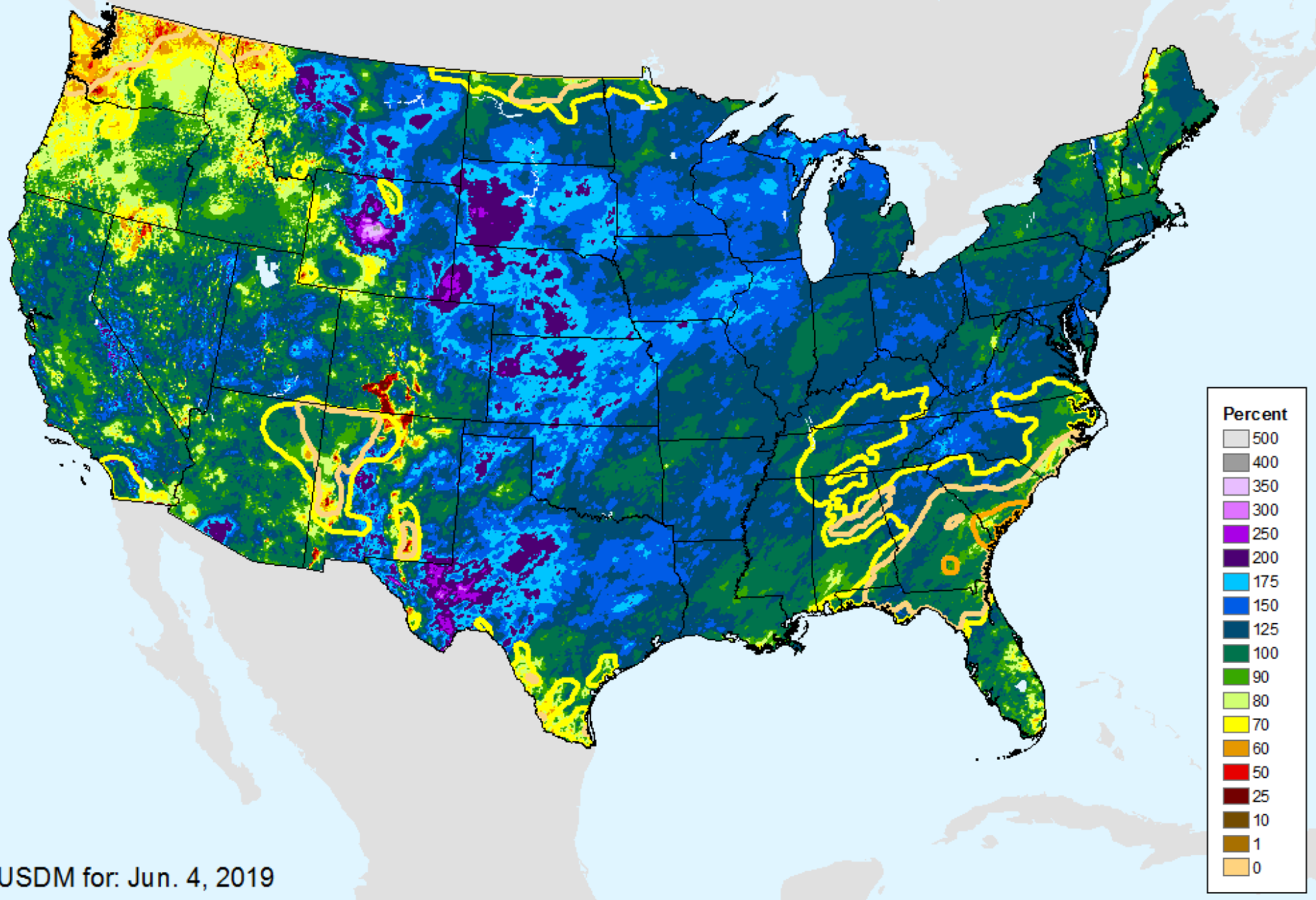
AHPS Water-Year Precip Departure

As of: Tuesday, June 11, 2019



AHPS Water-Year Pct of Normal Pcp

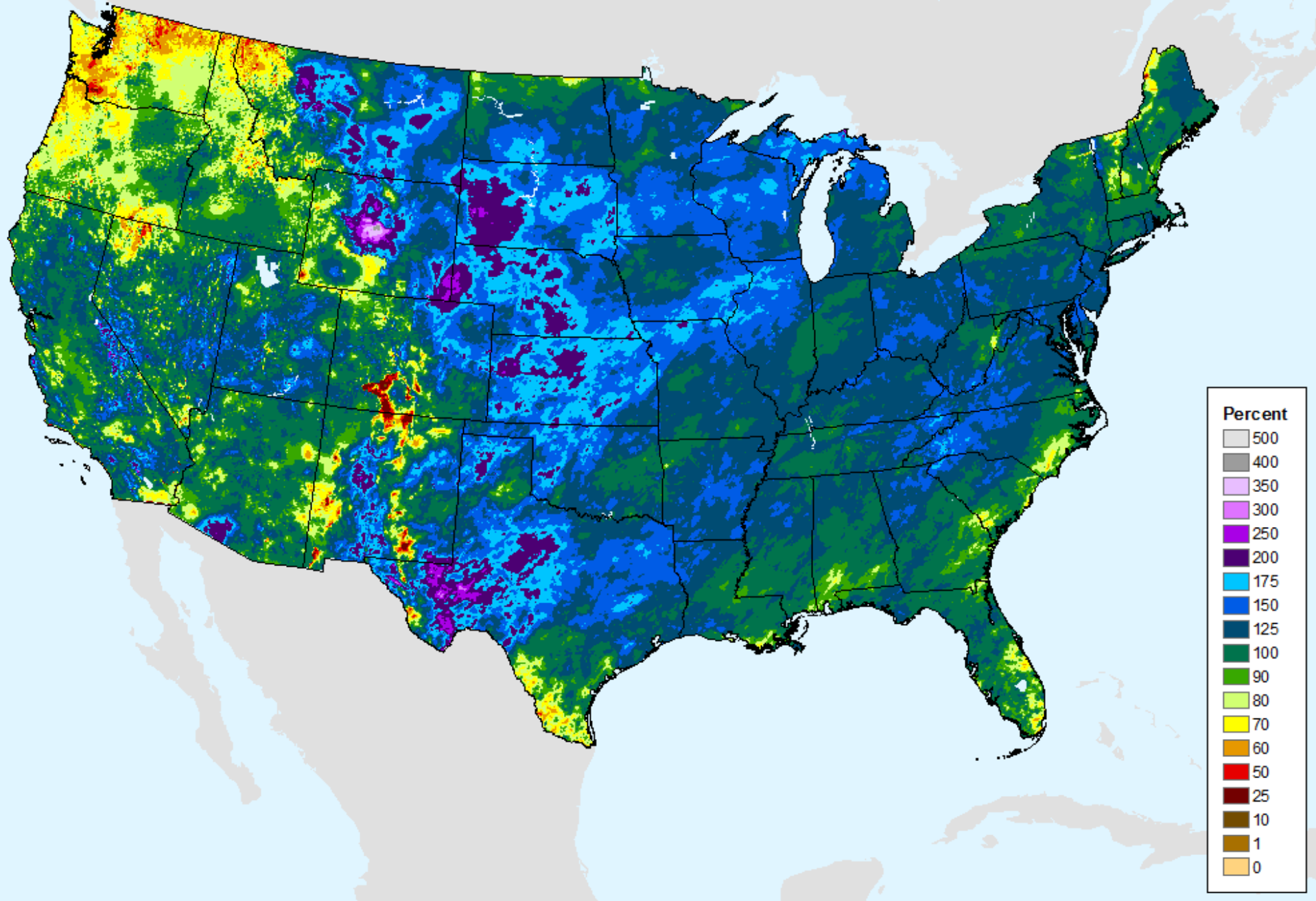
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

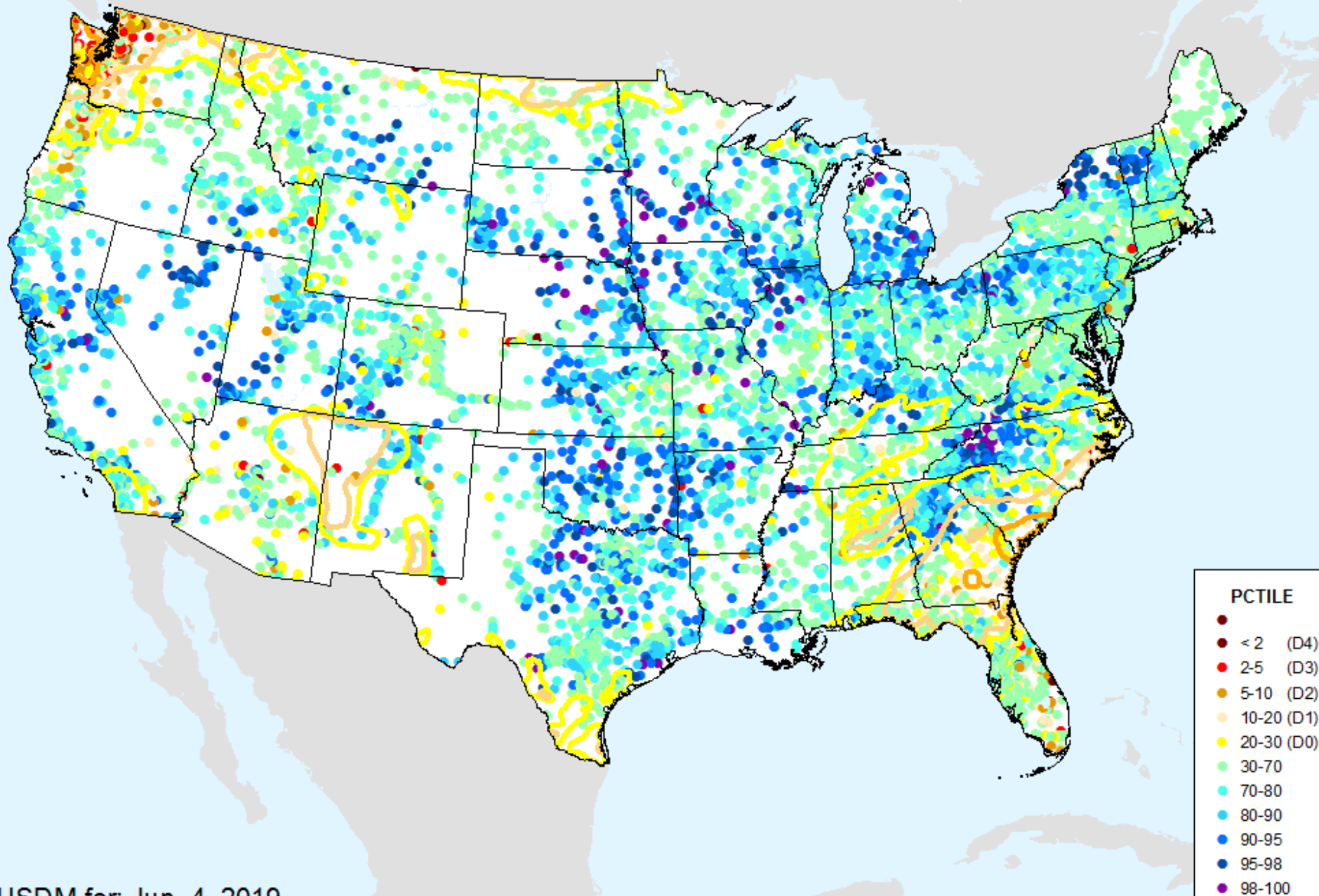
AHPS Water-Year Pct of Normal Pcp

As of: Tuesday, June 11, 2019



USGS 7-Day Avg Streamflow

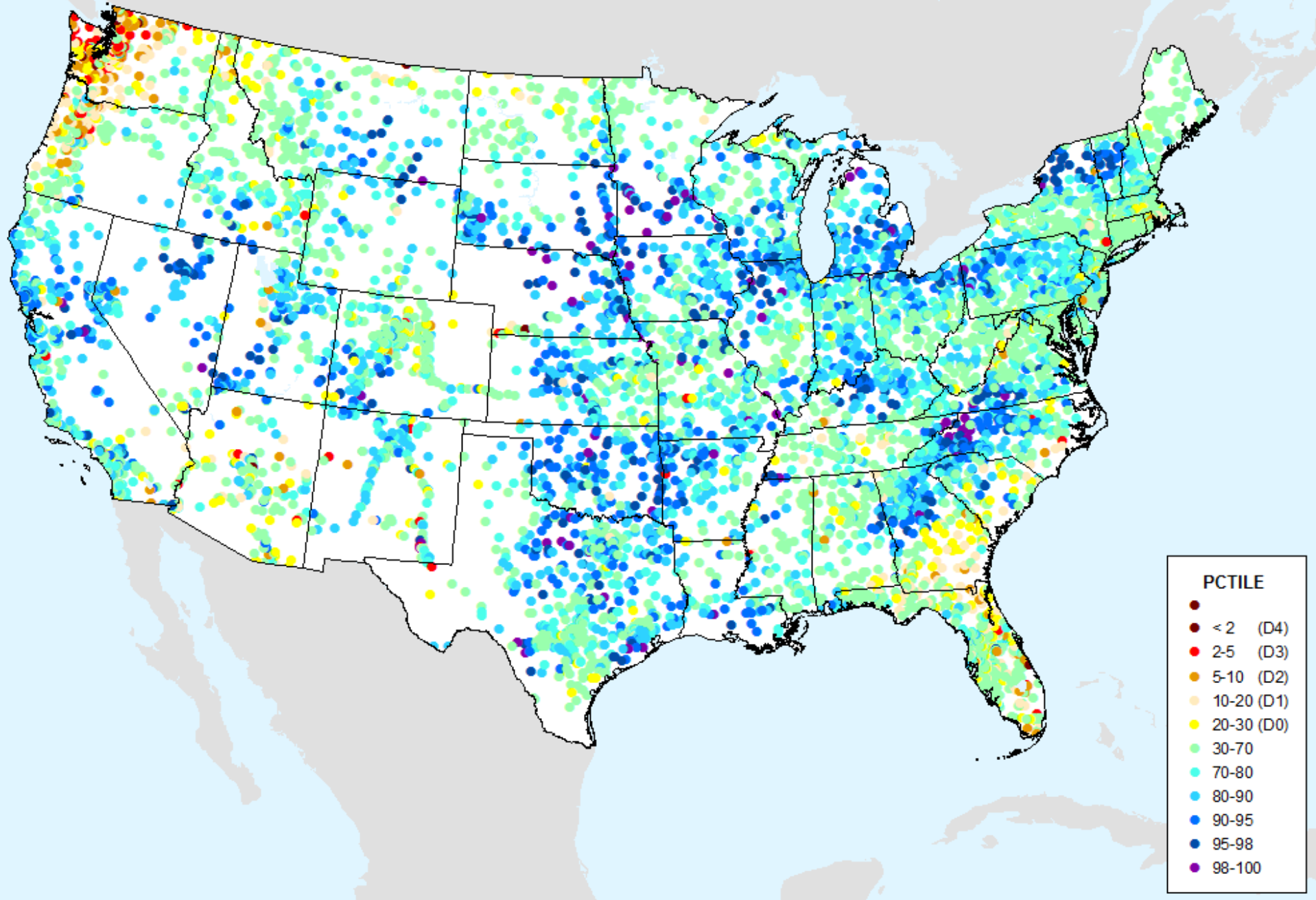
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

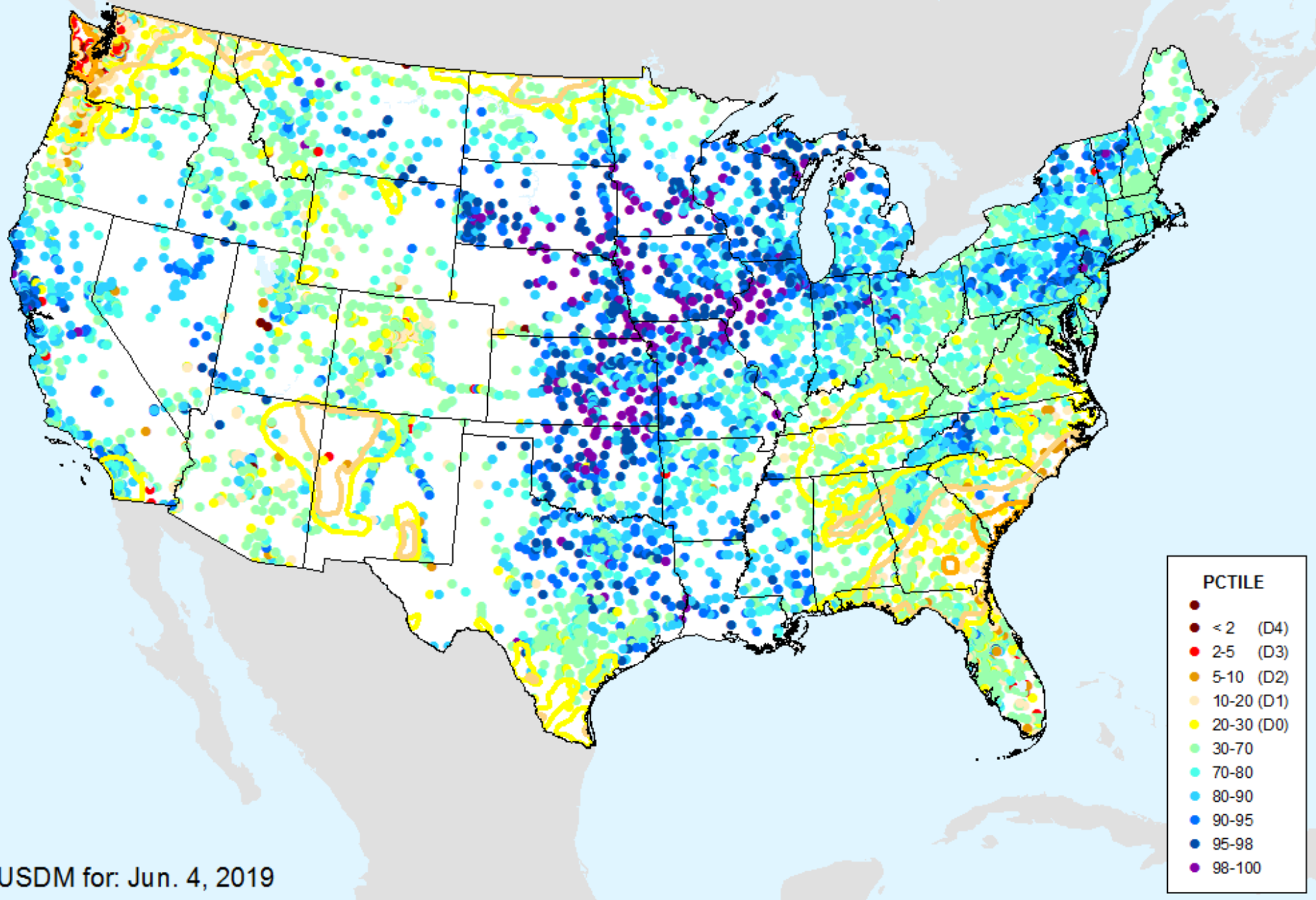
USGS 7-Day Avg Streamflow

As of: Tuesday, June 11, 2019



USGS 28-Day Avg Streamflow

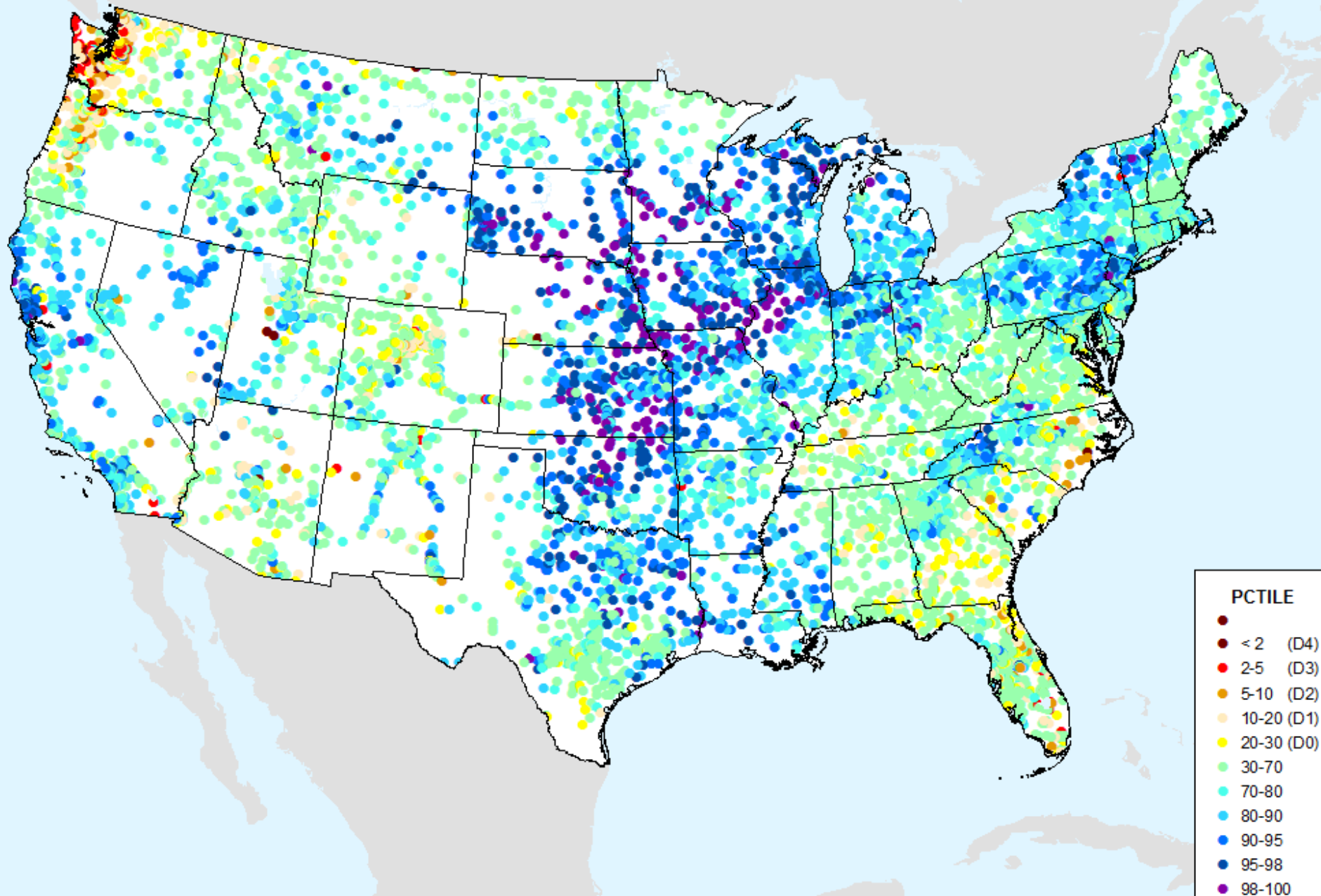
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

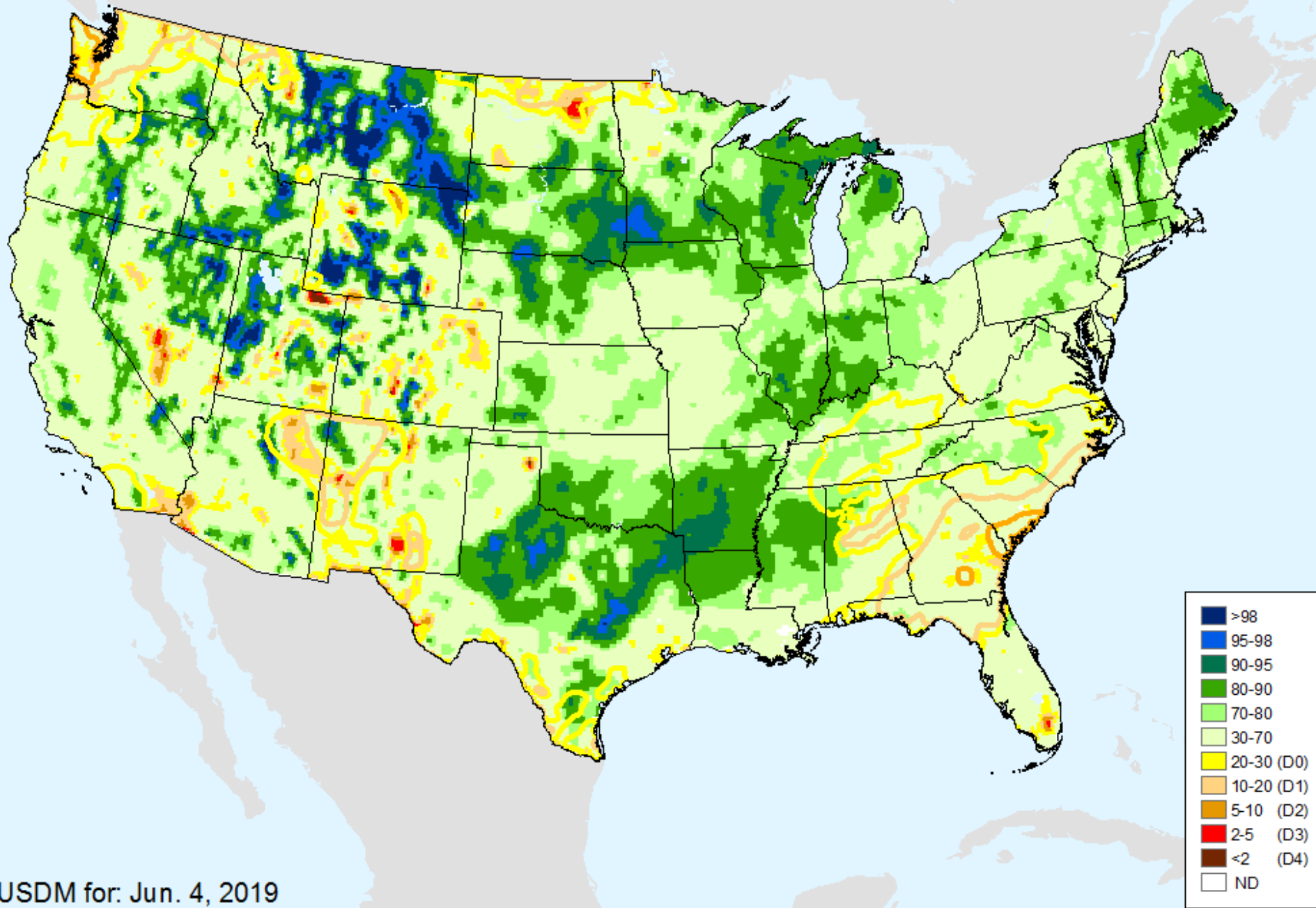
USGS 28-Day Avg Streamflow

As of: Tuesday, June 11, 2019



NLDAS Top 1m Soil Moisture

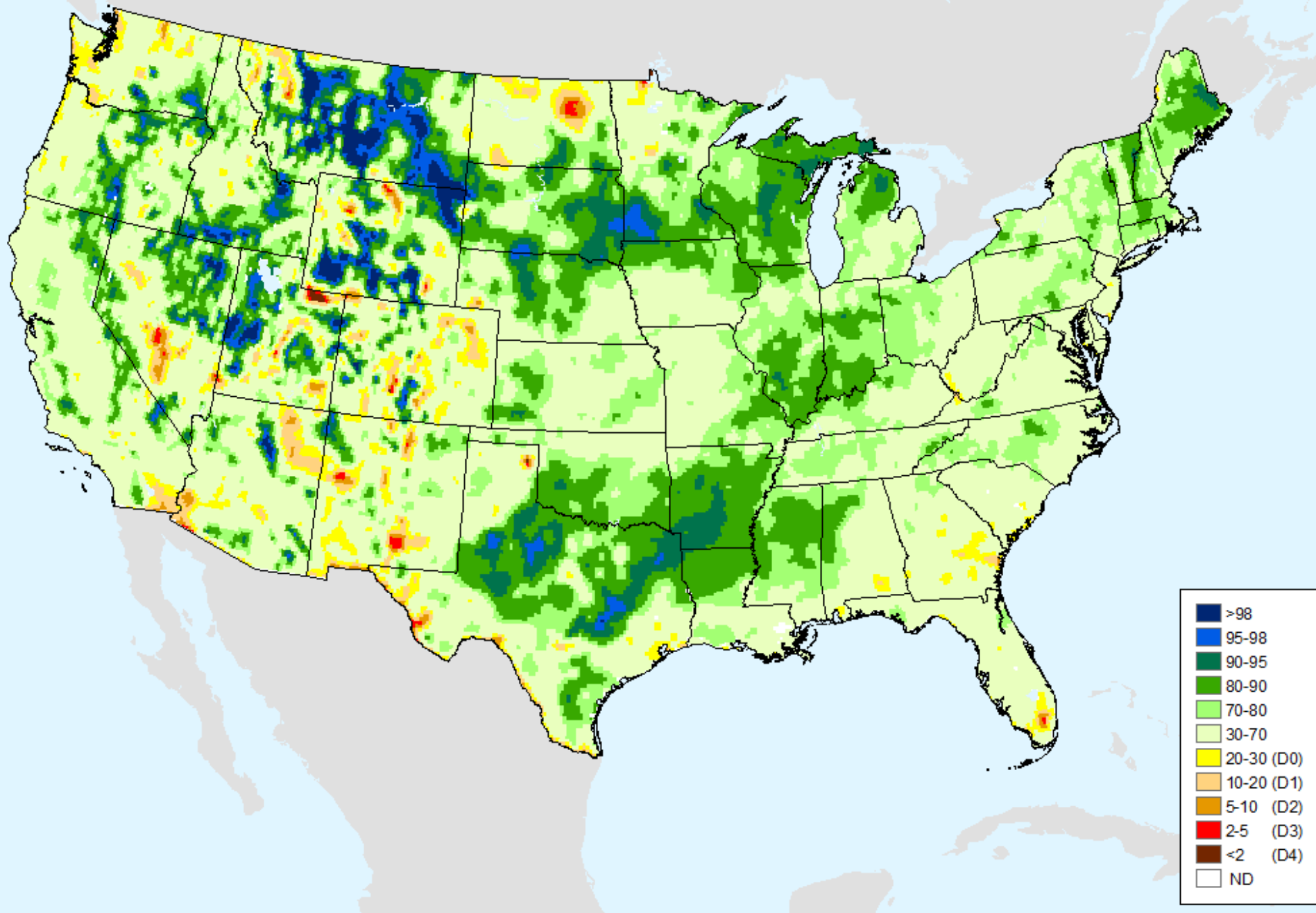
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

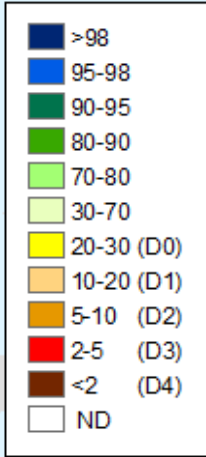
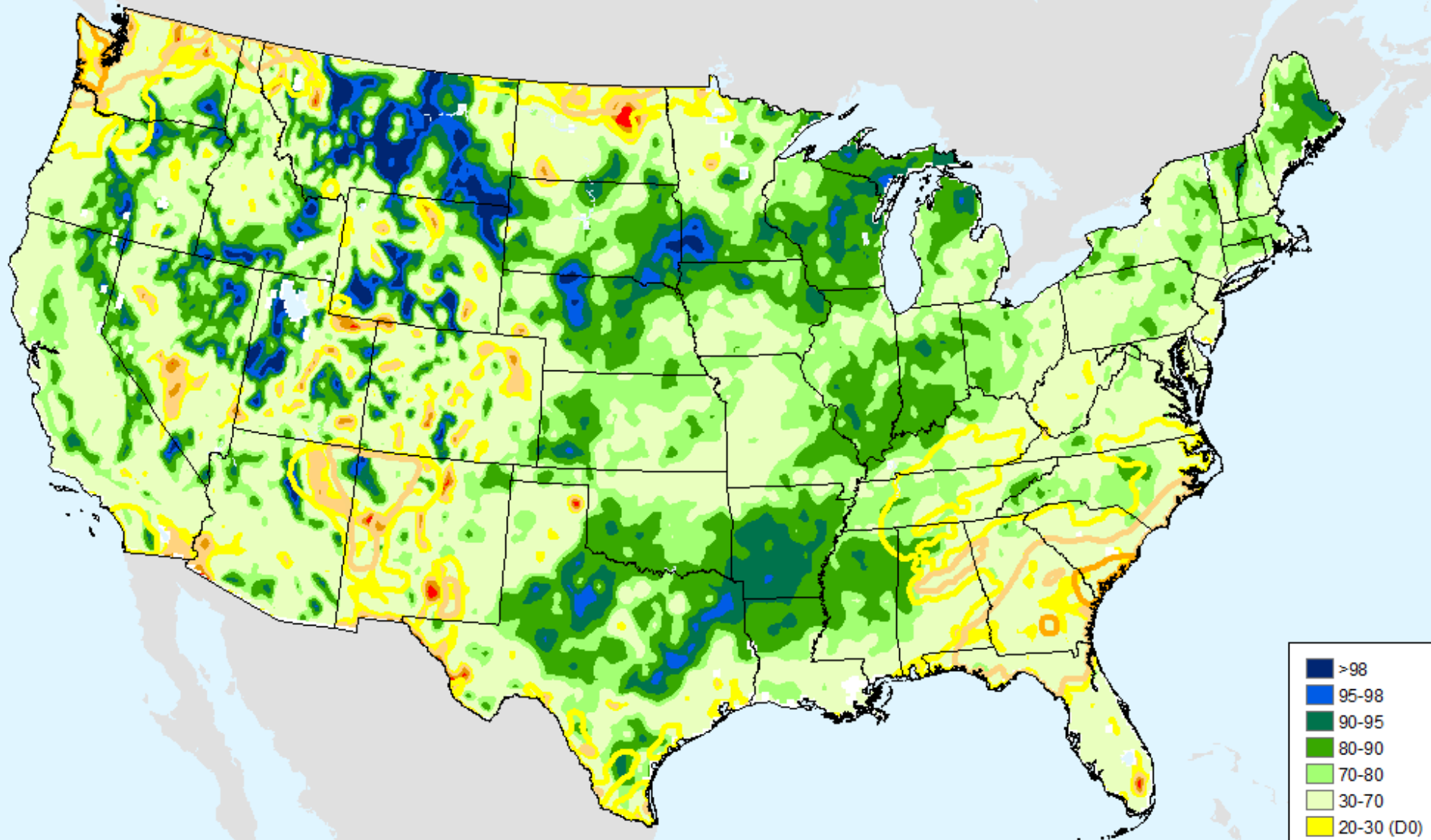
NLDAS Top 1m Soil Moisture

As of: Tuesday, June 11, 2019



NLDAS Total Column Soil Moisture

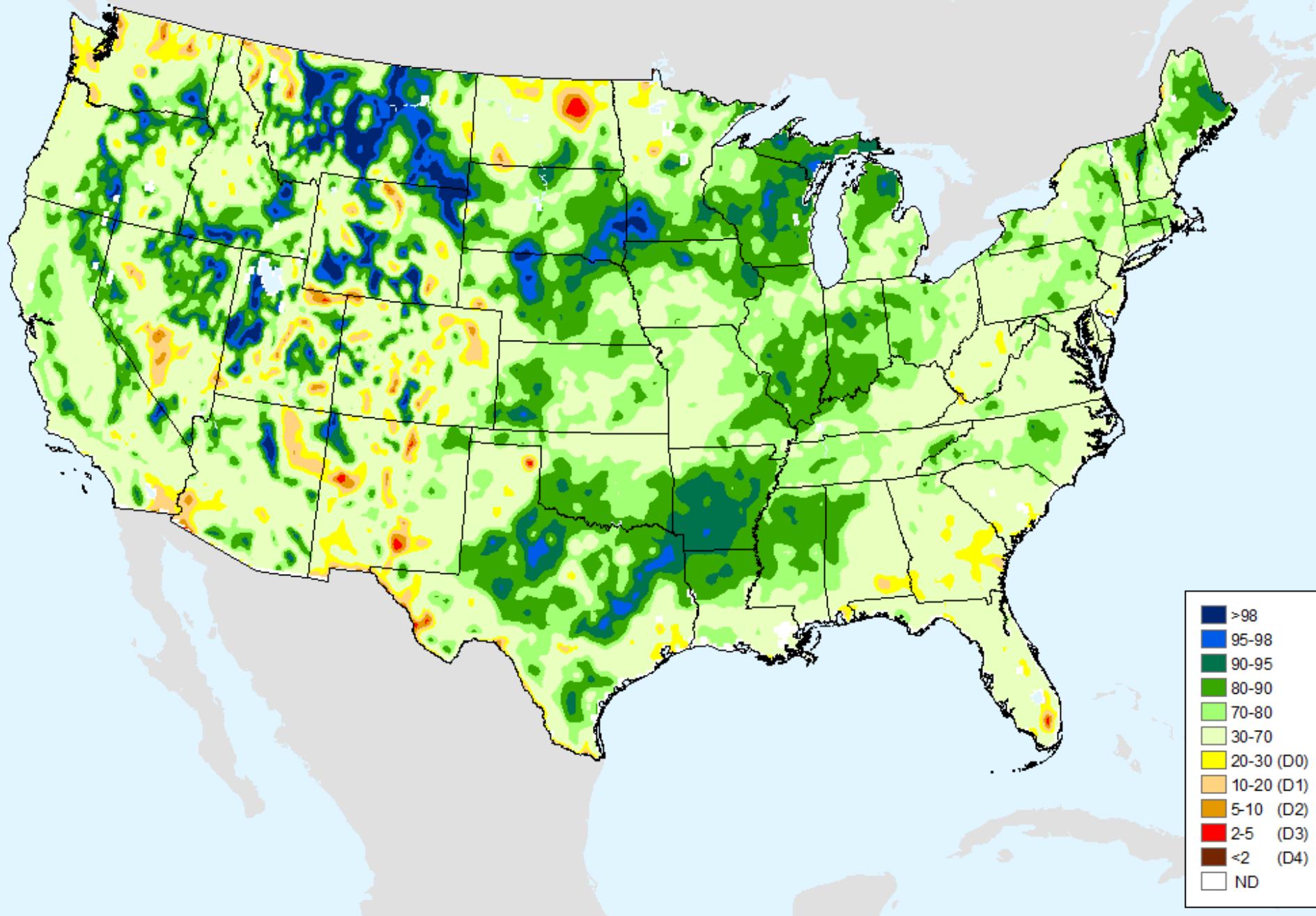
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

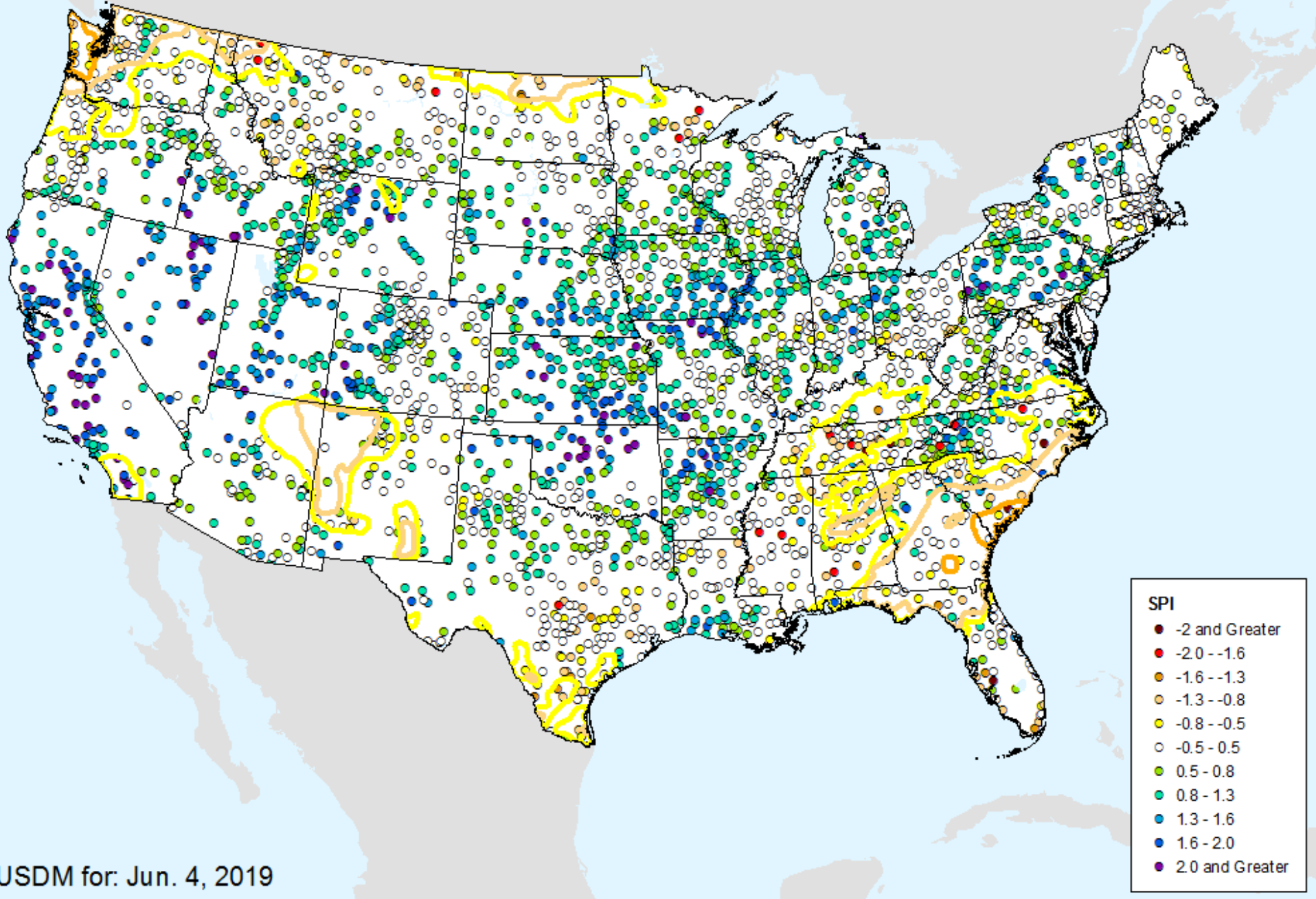
NLDAS Total Column Soil Moisture

As of: Tuesday, June 11, 2019



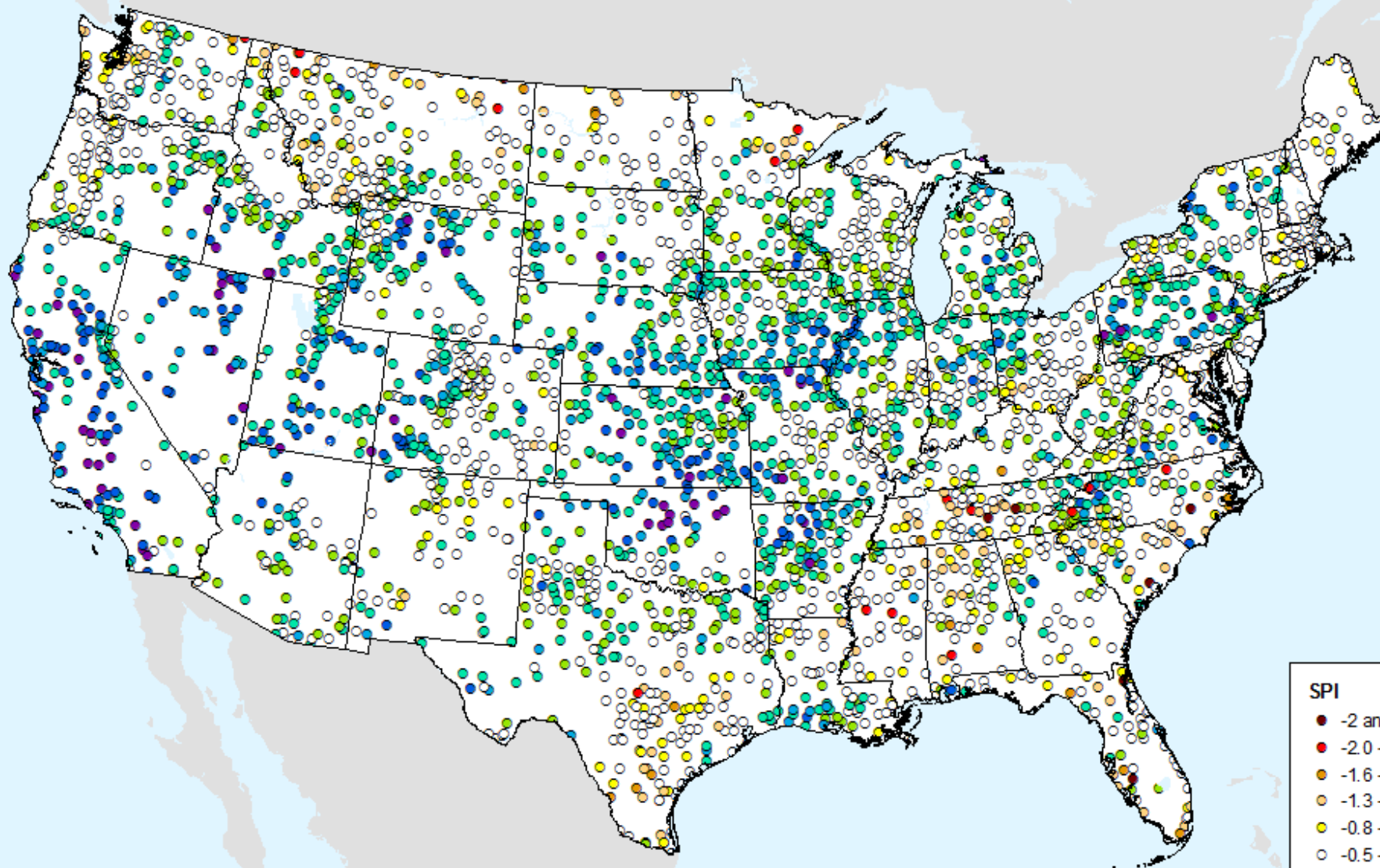
HPRCC 1-month SPI

As of: Tuesday, June 11, 2019



HPRCC 1-month SPI

As of: Tuesday, June 11, 2019

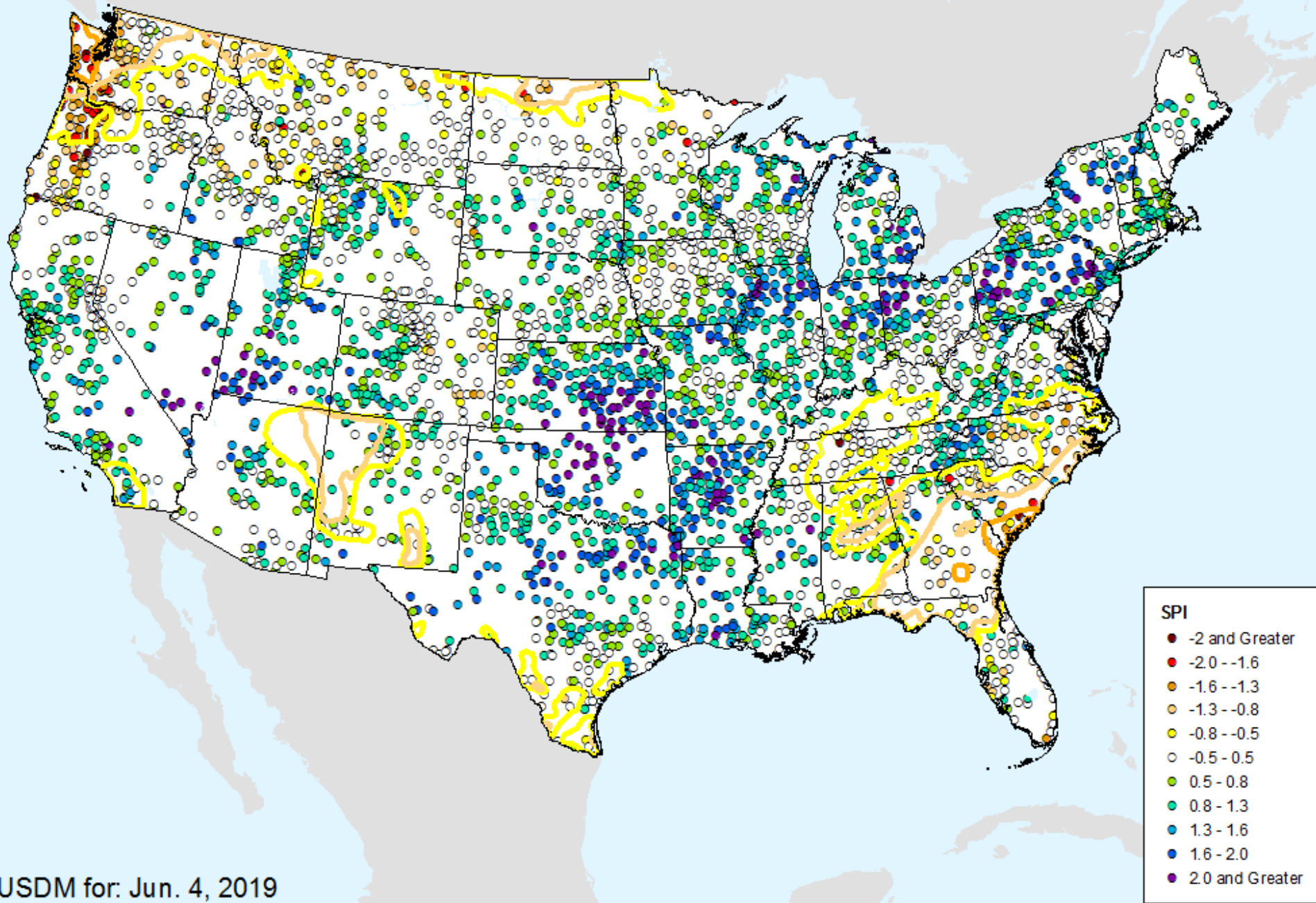


SPI

- -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

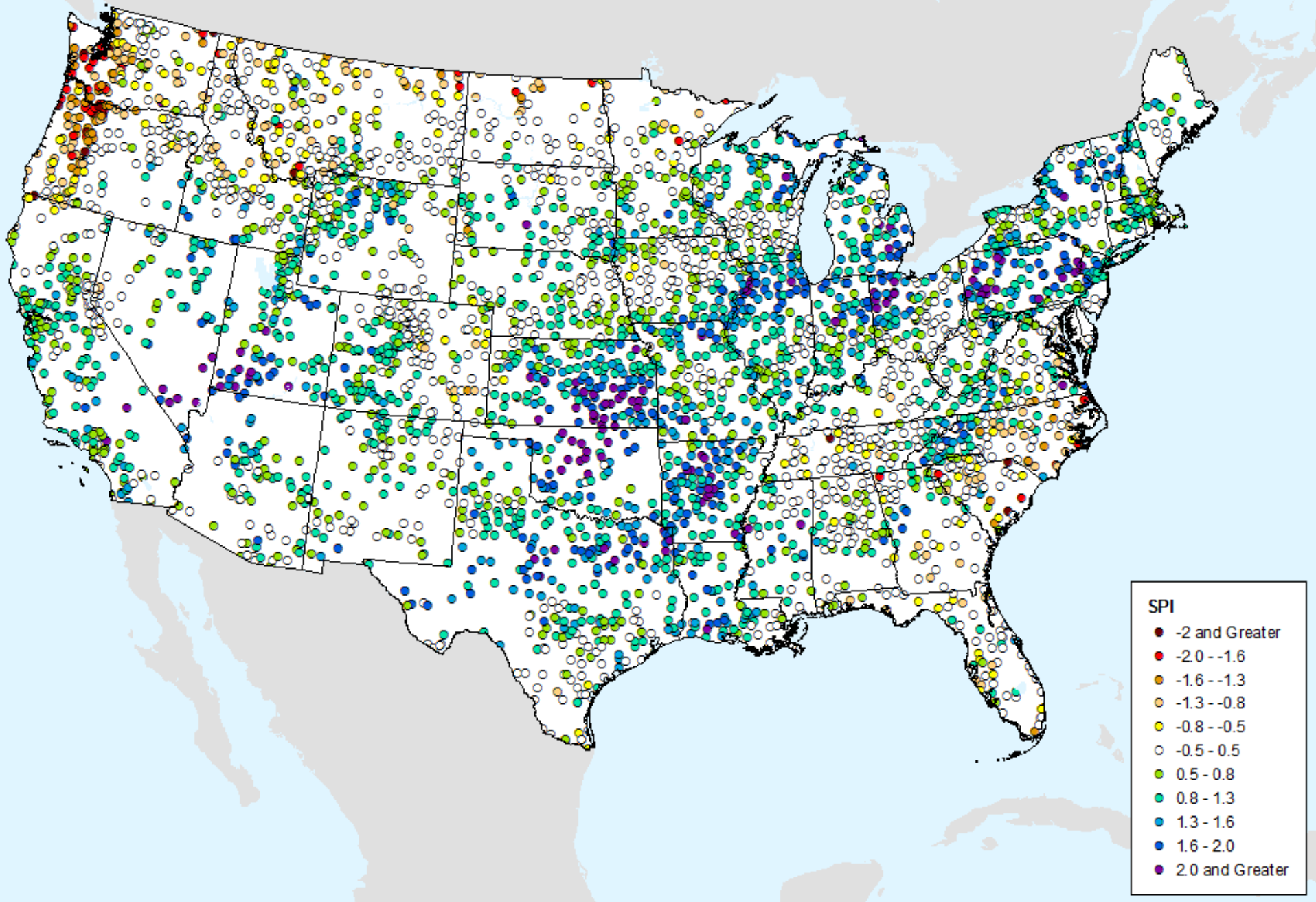
HPRCC 2-month SPI

As of: Tuesday, June 11, 2019



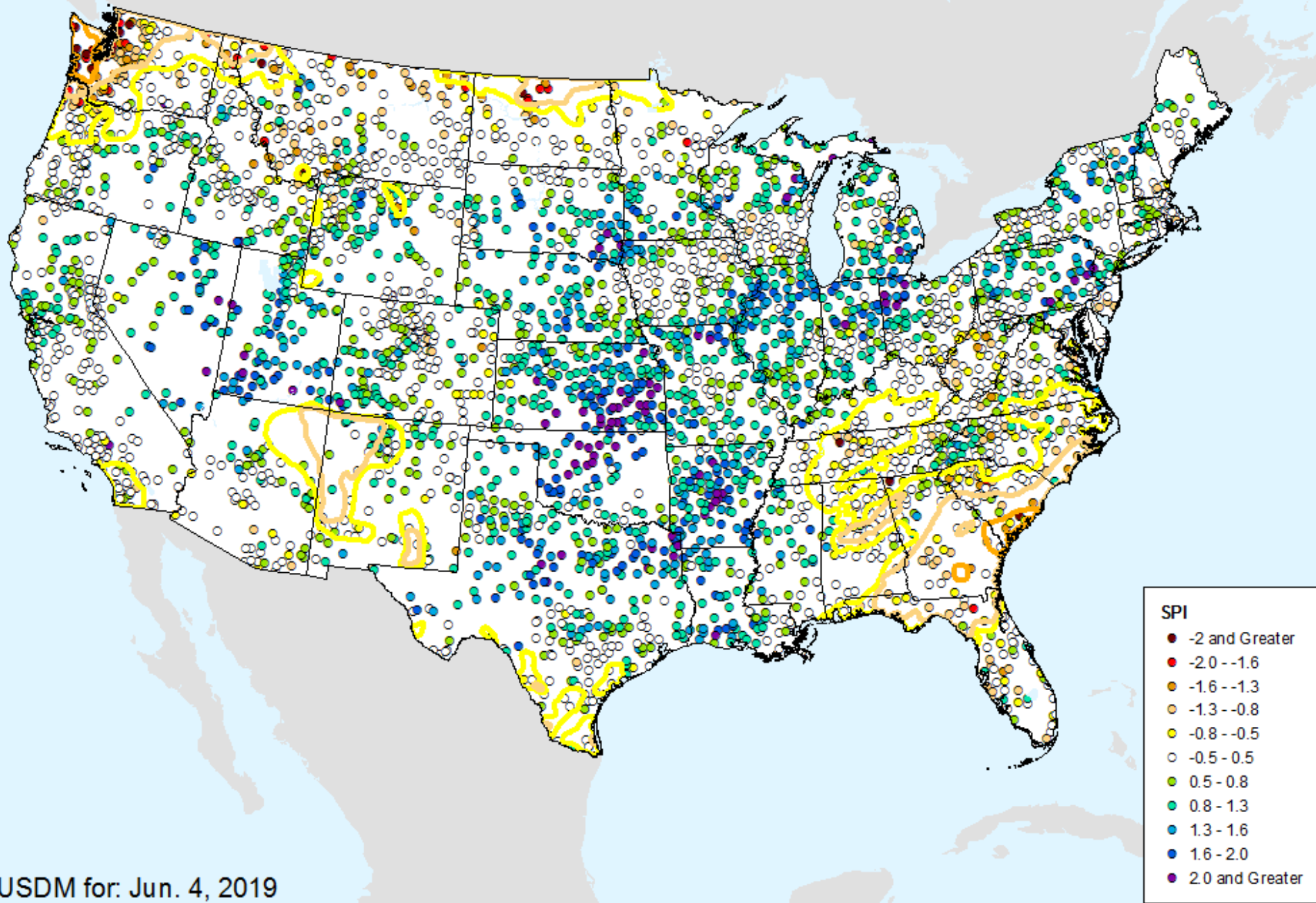
HPRCC 2-month SPI

As of: Tuesday, June 11, 2019



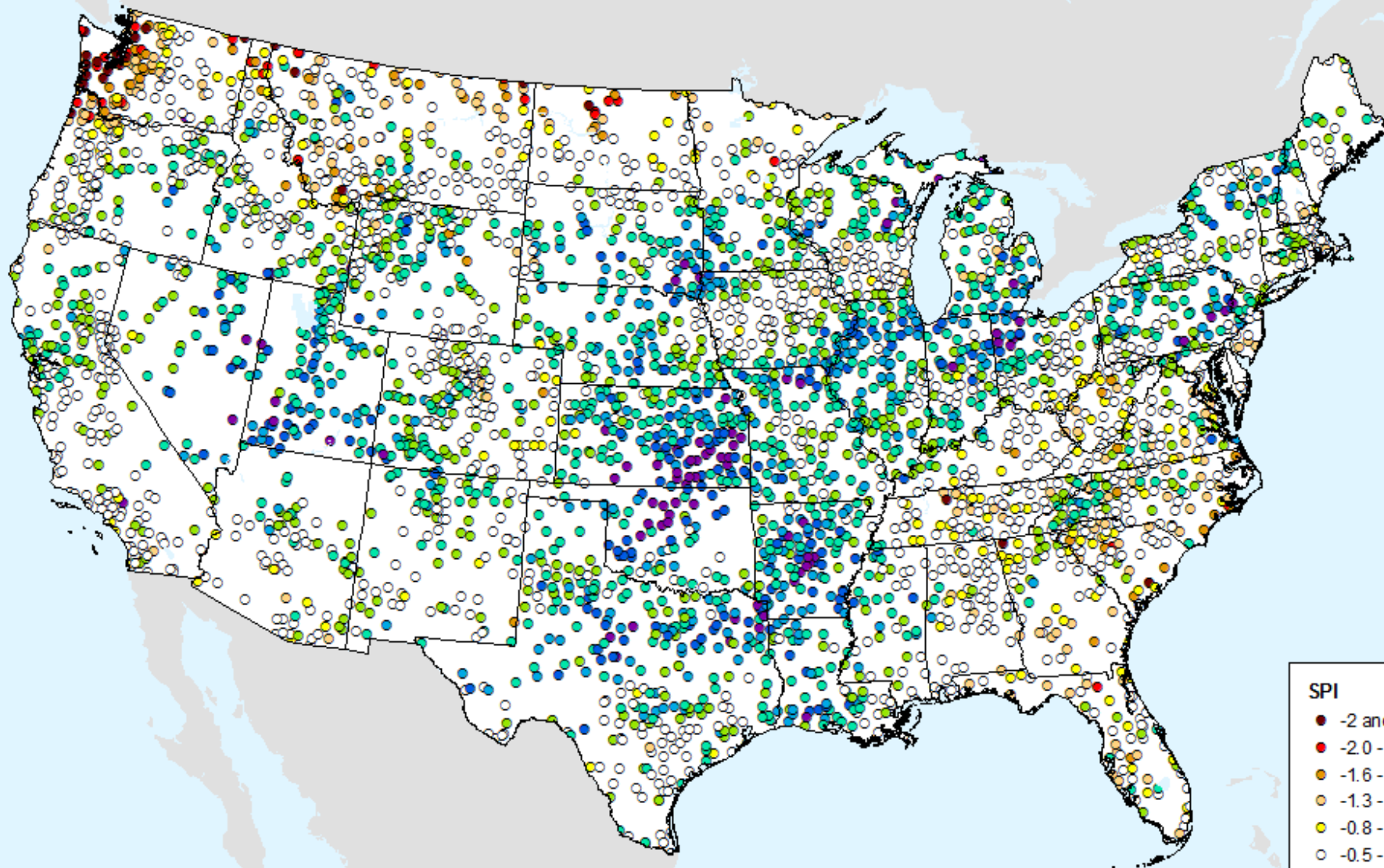
HPRCC 3-month SPI

As of: Tuesday, June 11, 2019



HPRCC 3-month SPI

As of: Tuesday, June 11, 2019

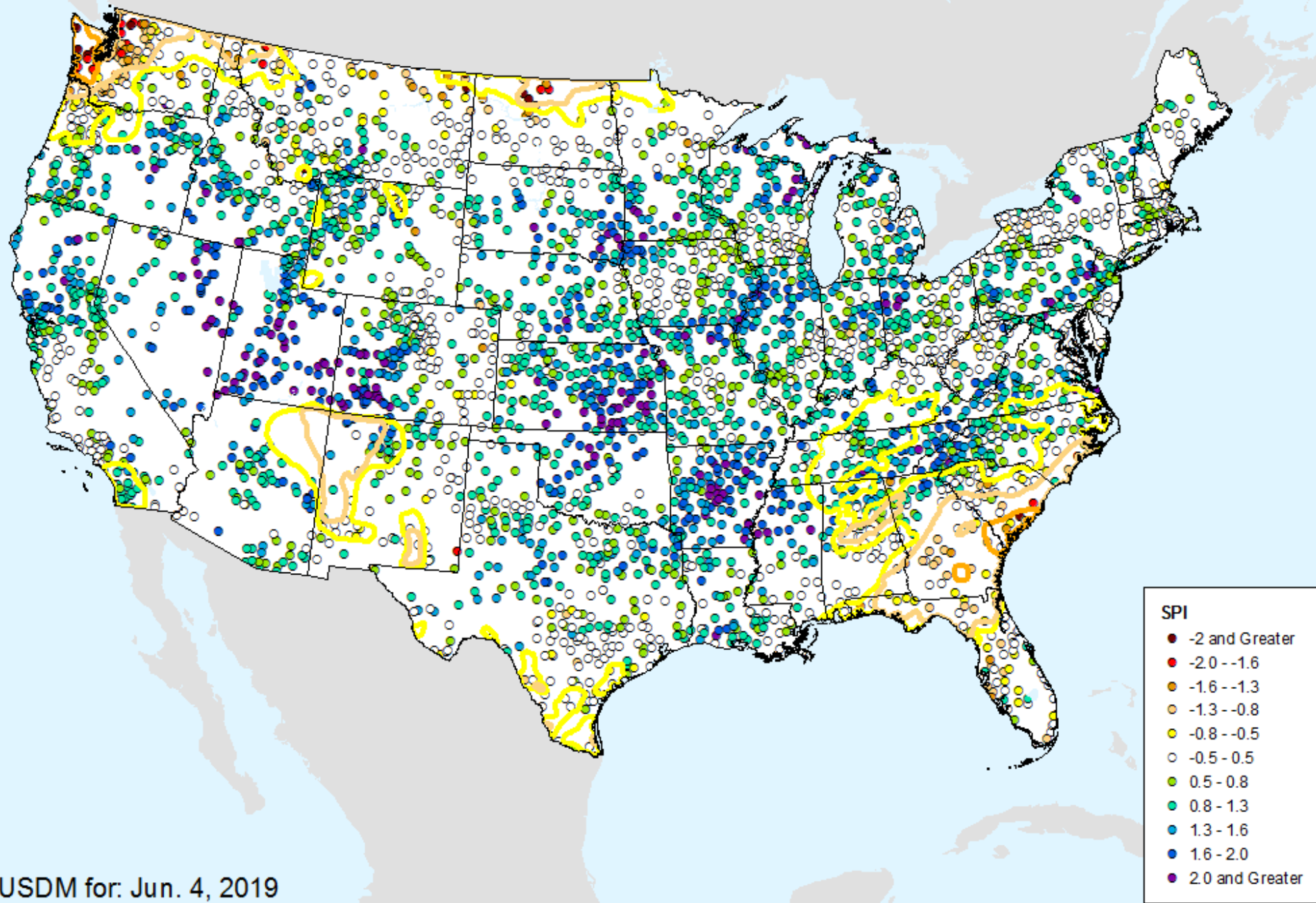


SPI

- -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

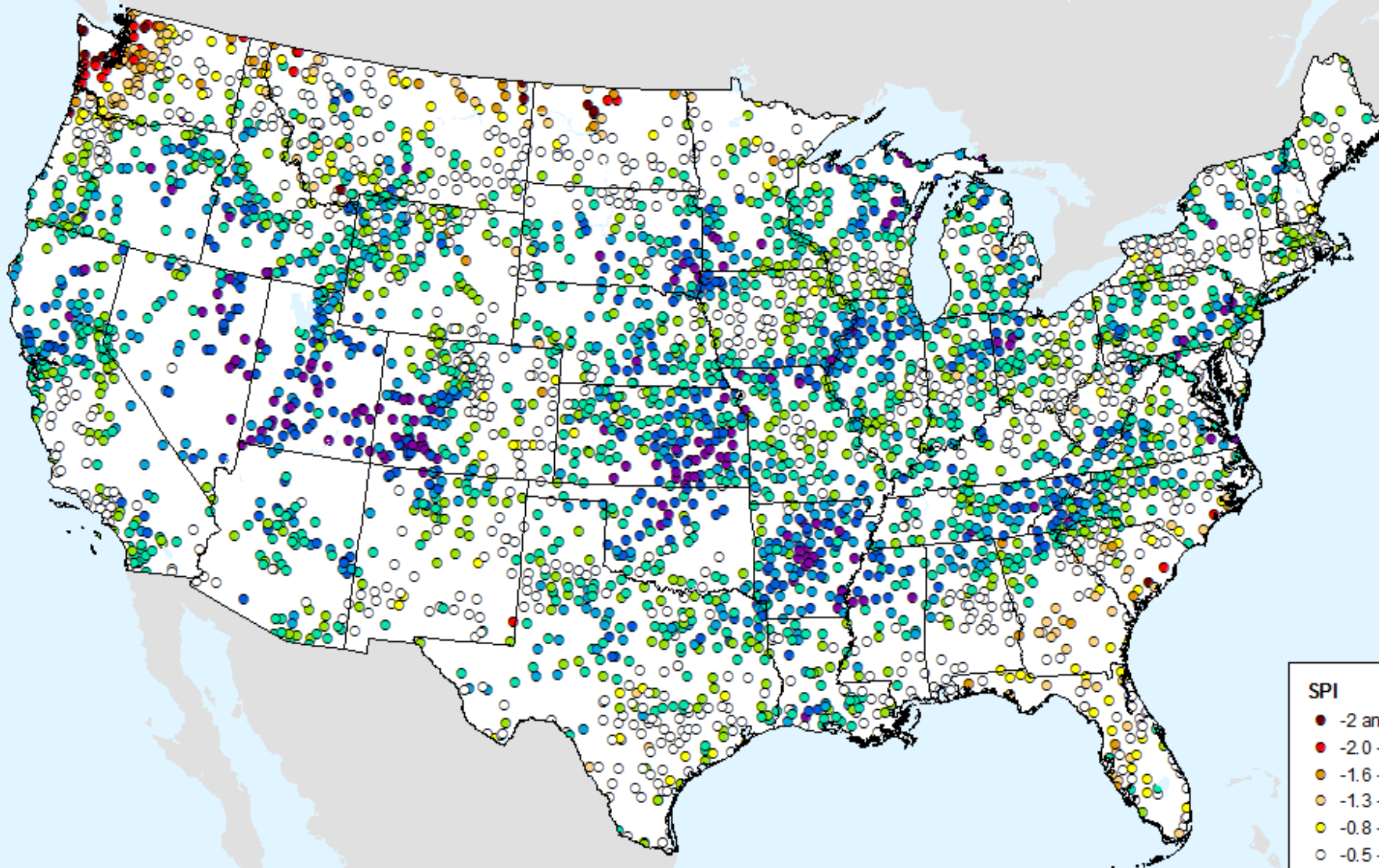
HPRCC 4-month SPI

As of: Tuesday, June 11, 2019



HPRCC 4-month SPI

As of: Tuesday, June 11, 2019

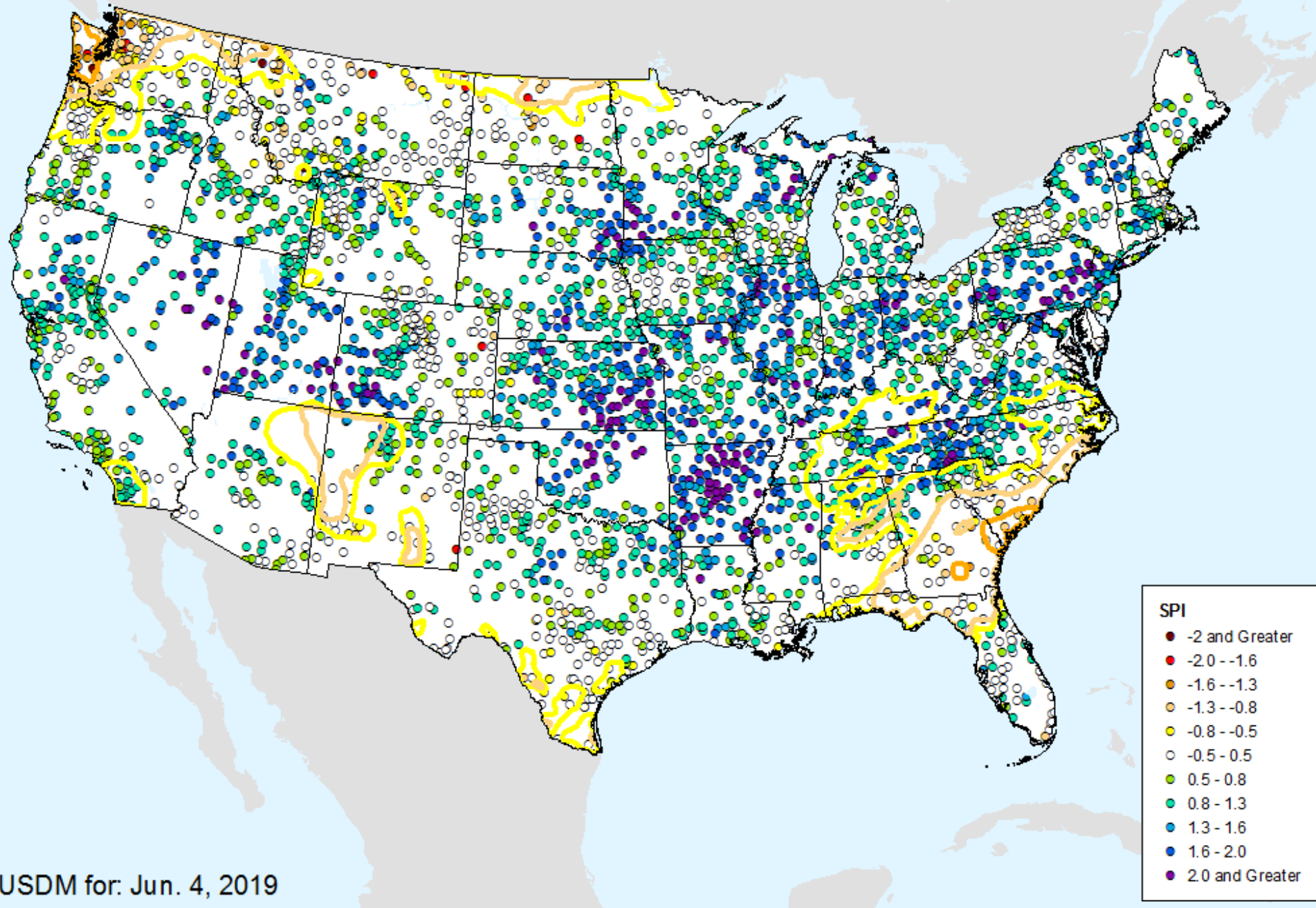


SPI

- -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

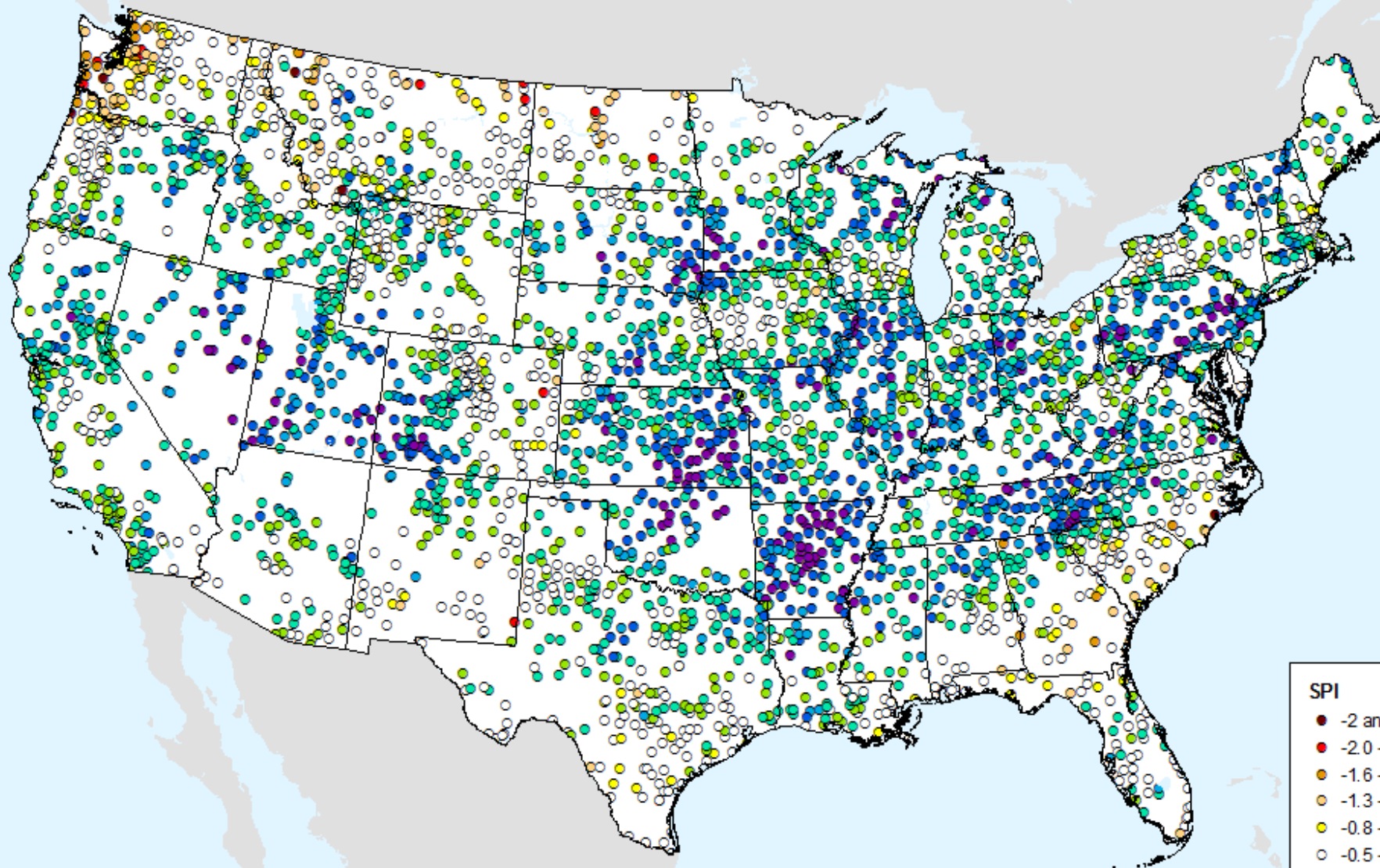
HPRCC 6-month SPI

As of: Tuesday, June 11, 2019



HPRCC 6-month SPI

As of: Tuesday, June 11, 2019

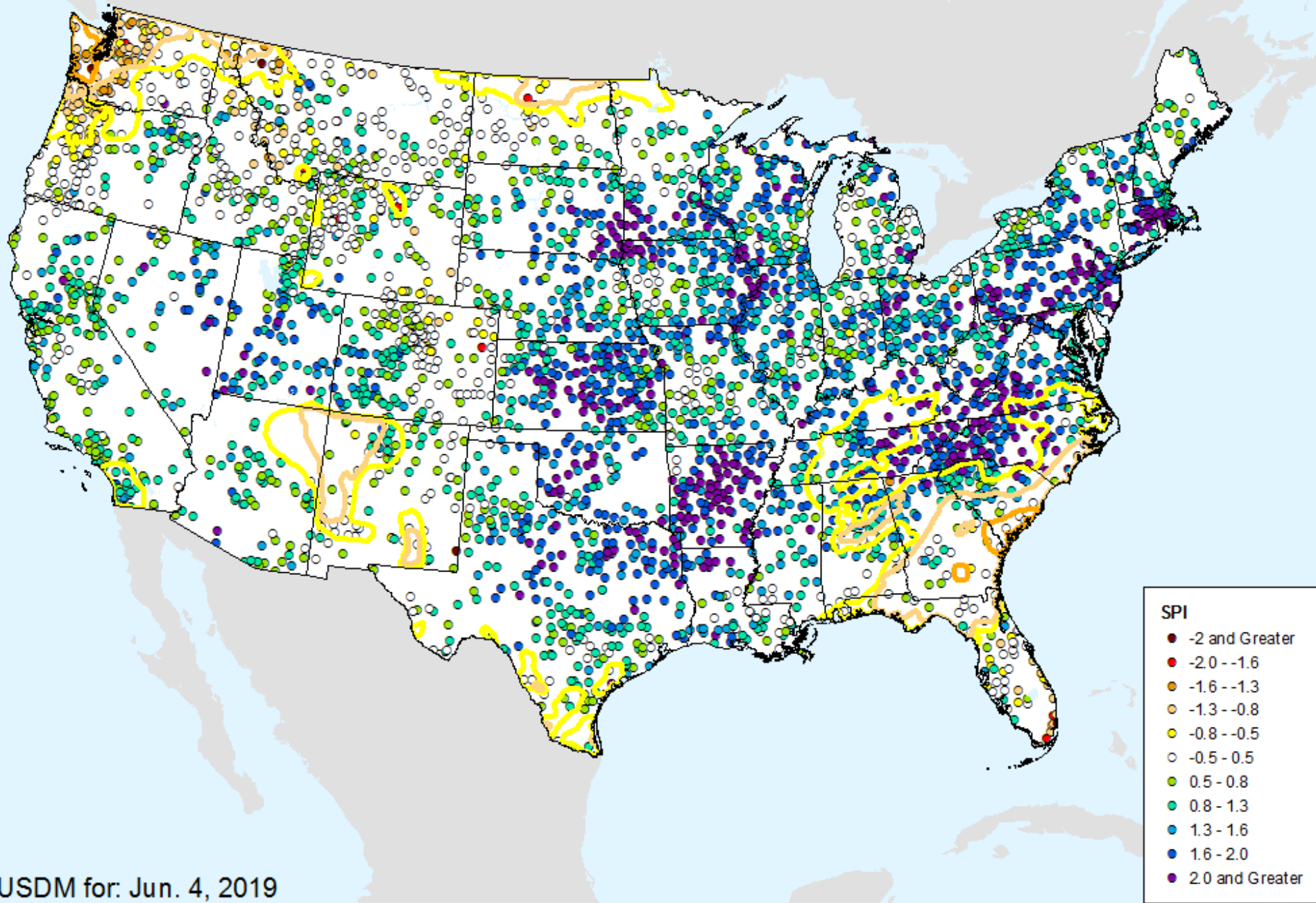


SPI

- -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

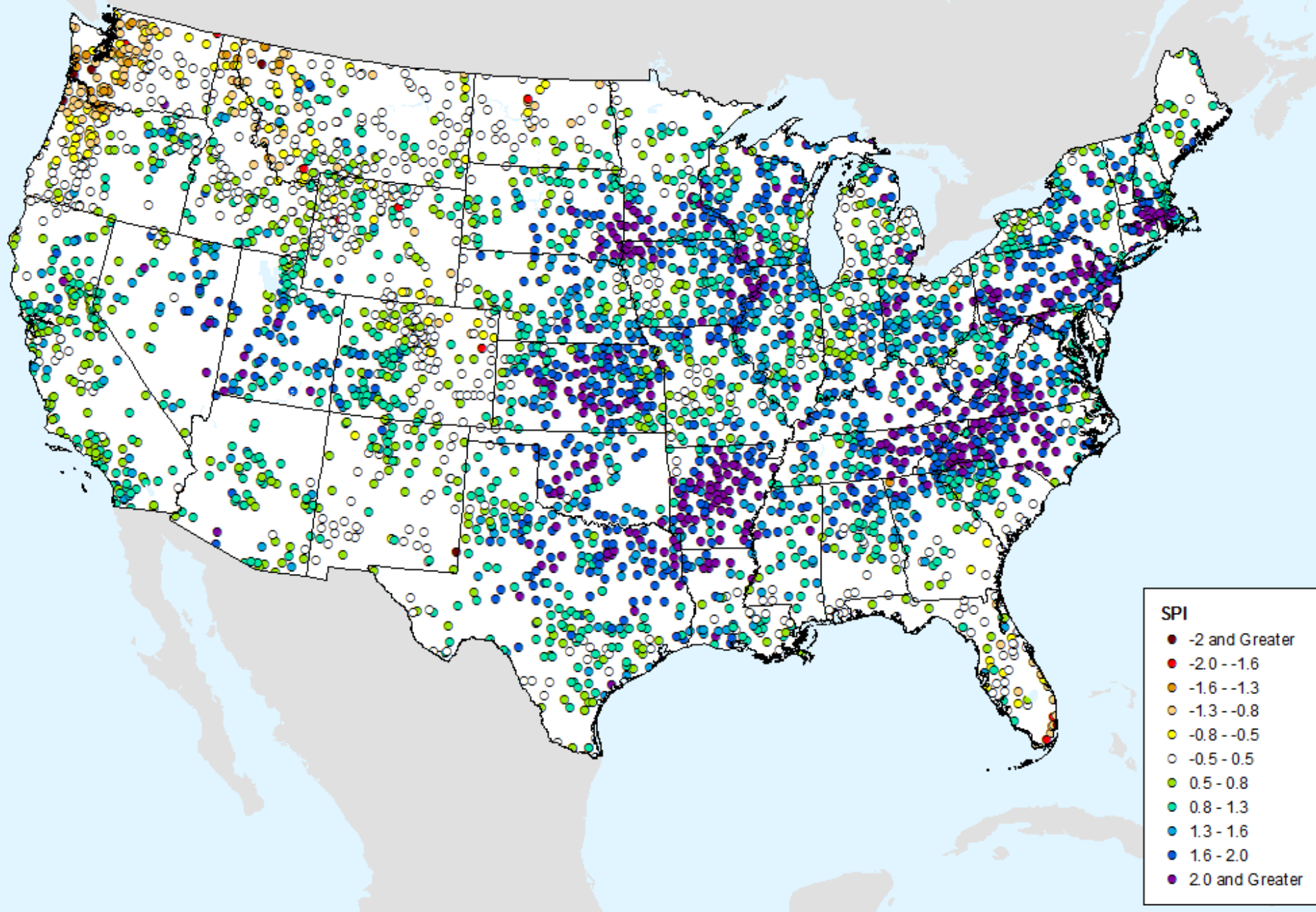
HPRCC 9-month SPI

As of: Tuesday, June 11, 2019



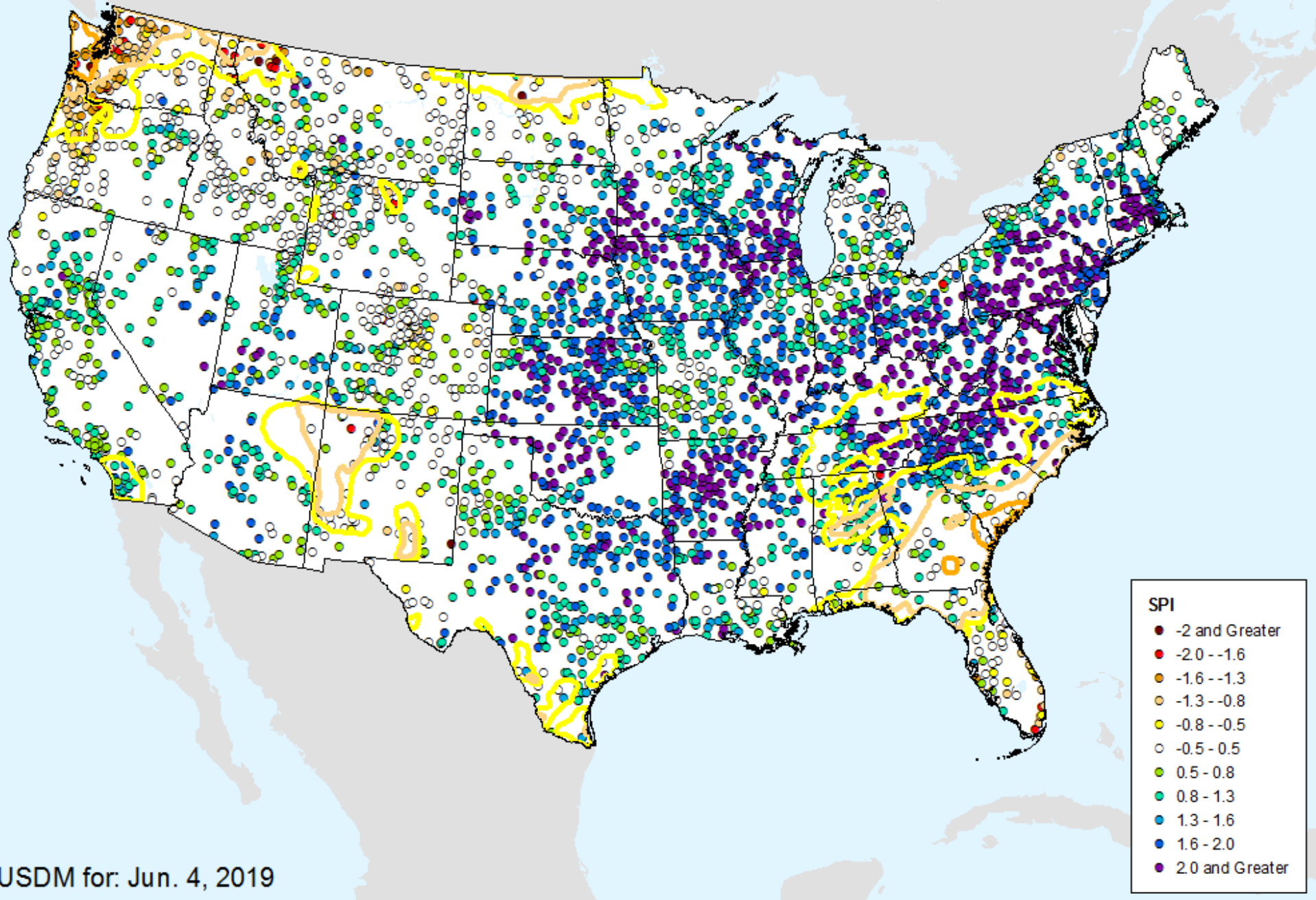
HPRCC 9-month SPI

As of: Tuesday, June 11, 2019



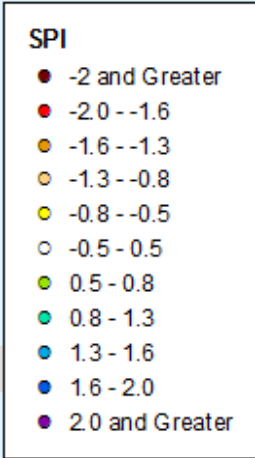
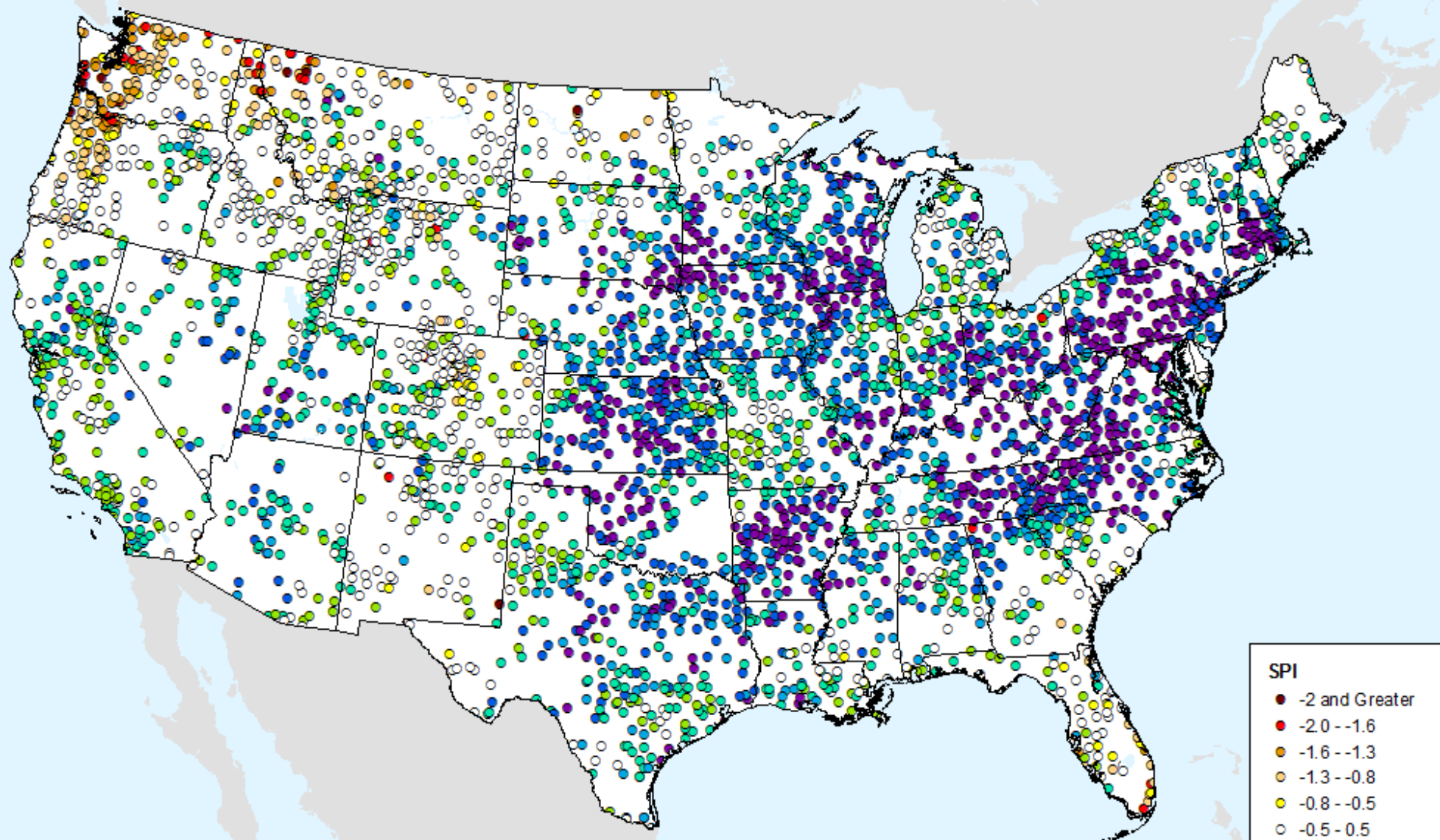
HPRCC 12-month SPI

As of: Tuesday, June 11, 2019



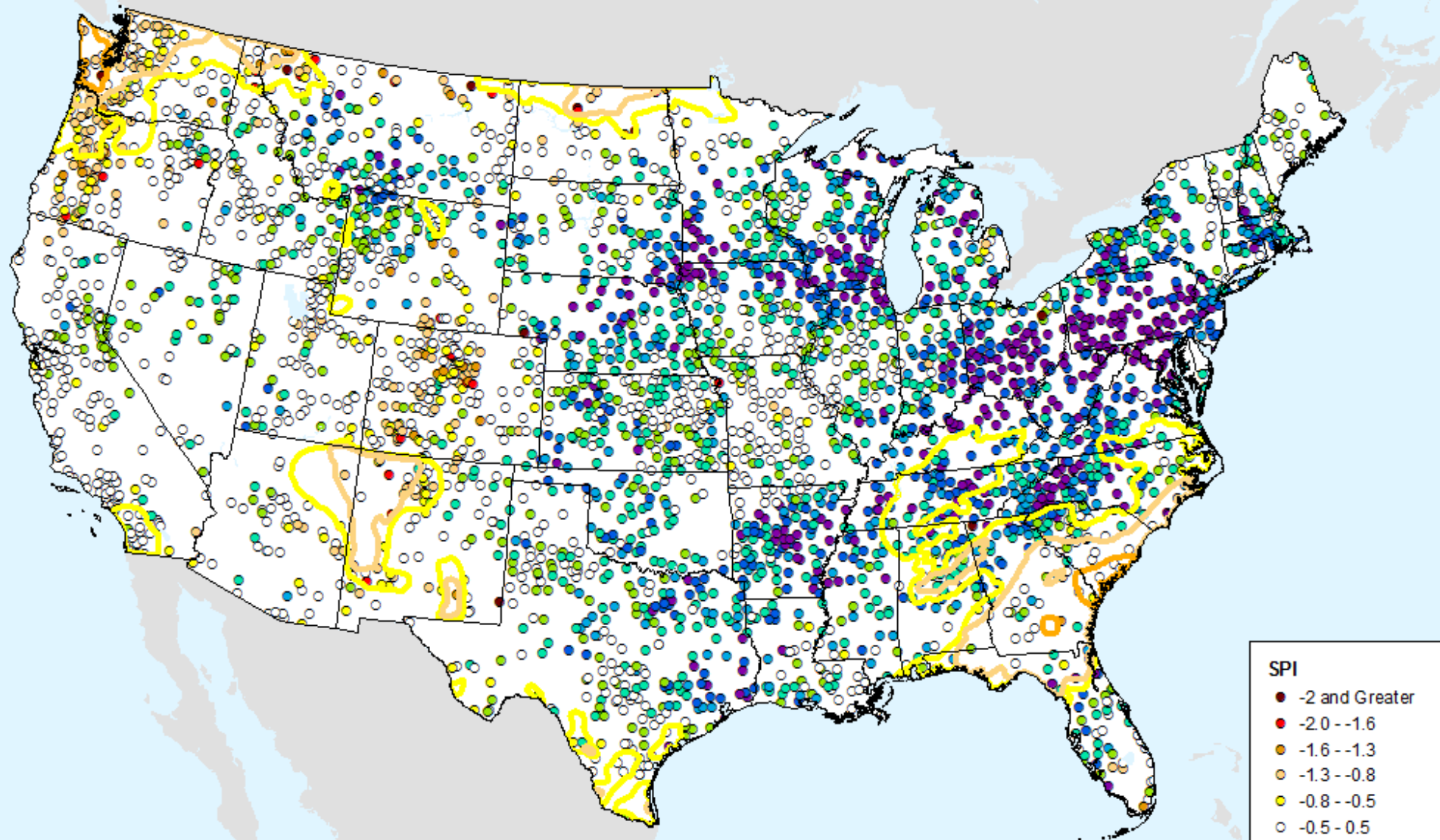
HPRCC 12-month SPI

As of: Tuesday, June 11, 2019



HPRCC 24-month SPI

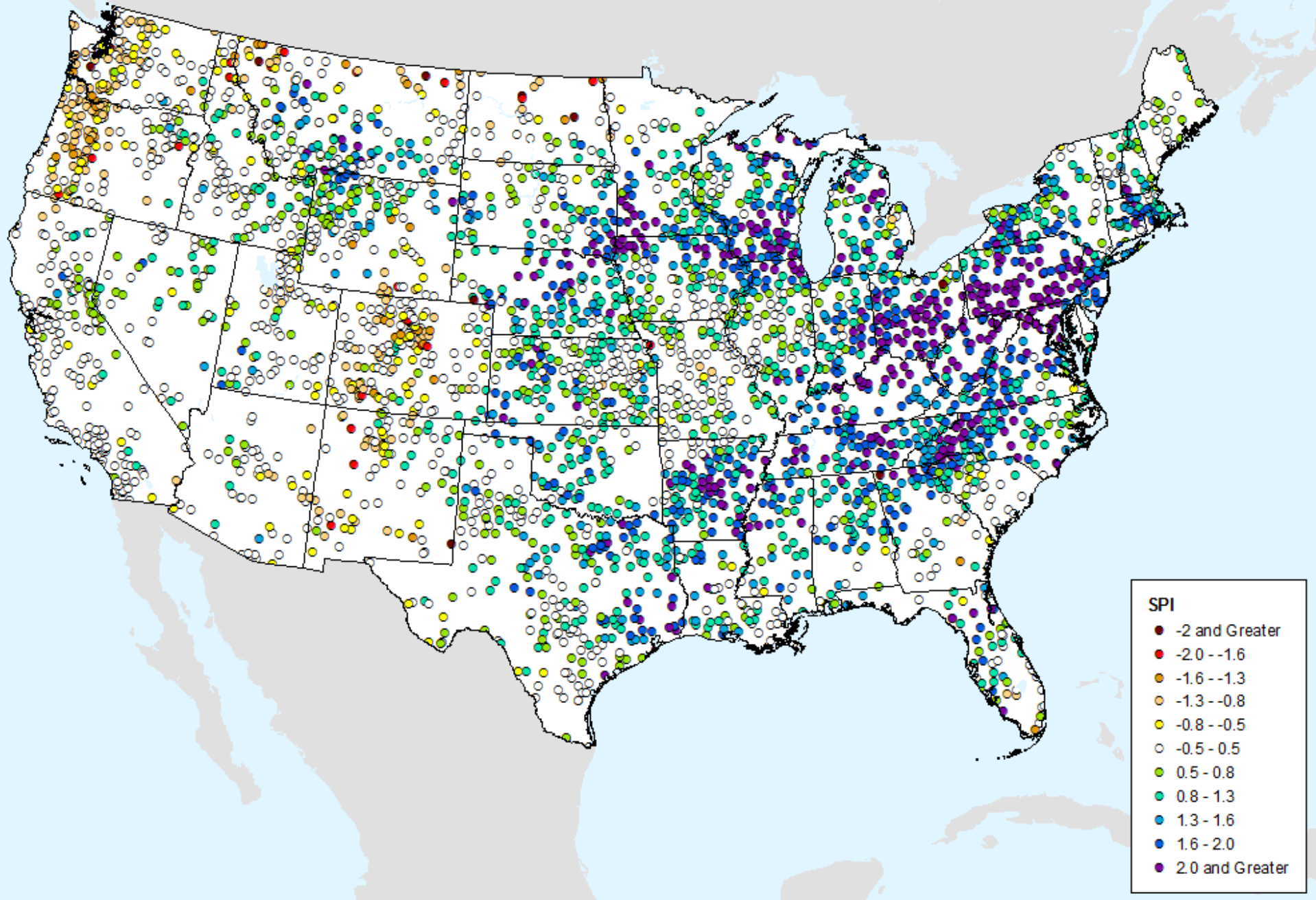
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

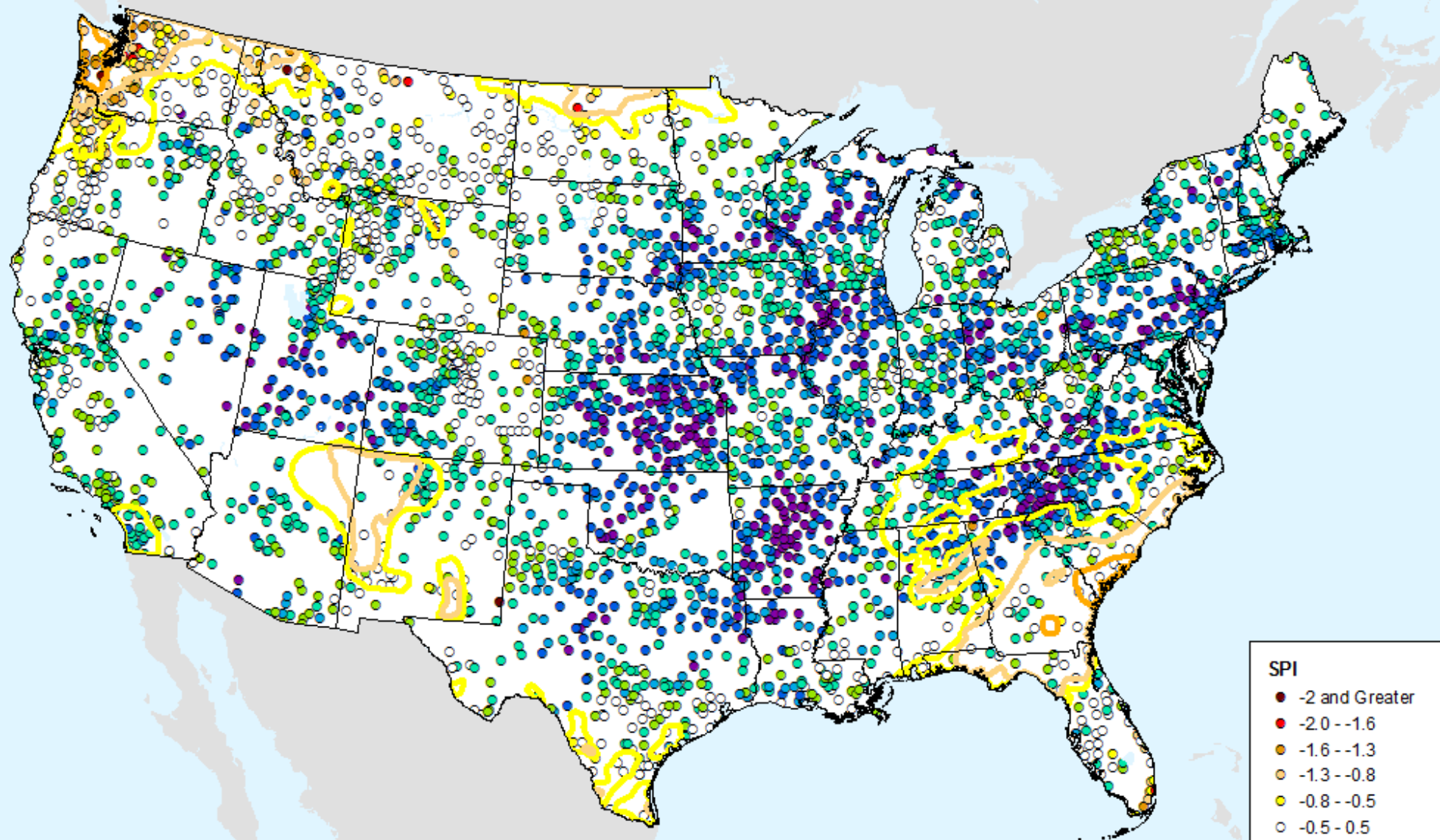
HPRCC 24-month SPI

As of: Tuesday, June 11, 2019



HPRCC Water Year-to-date SPI

As of: Tuesday, June 11, 2019



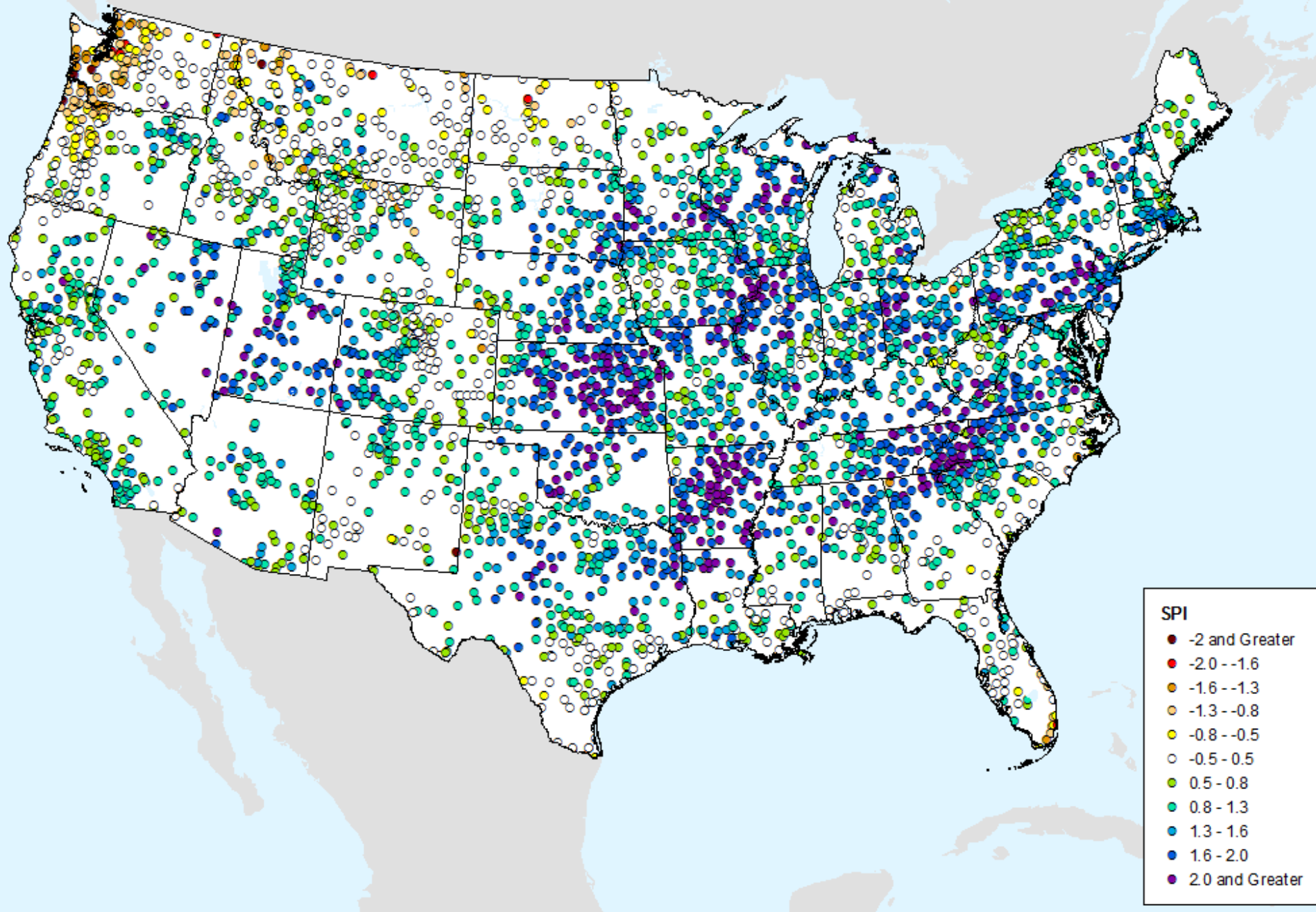
SPI

- -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

USDM for: Jun. 4, 2019

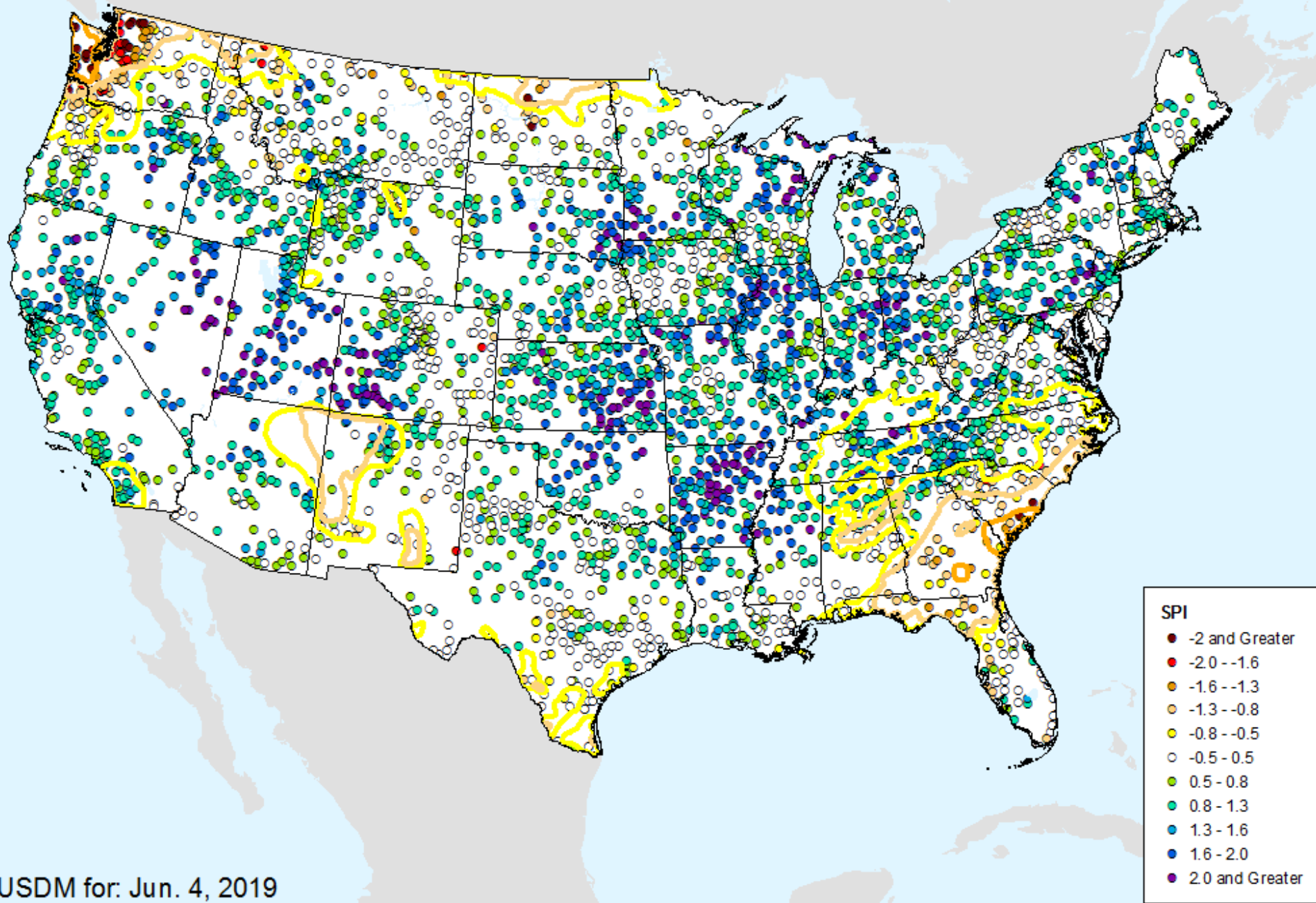
HPRCC Water Year-to-date SPI

As of: Tuesday, June 11, 2019



HPRCC Year-to-date SPI

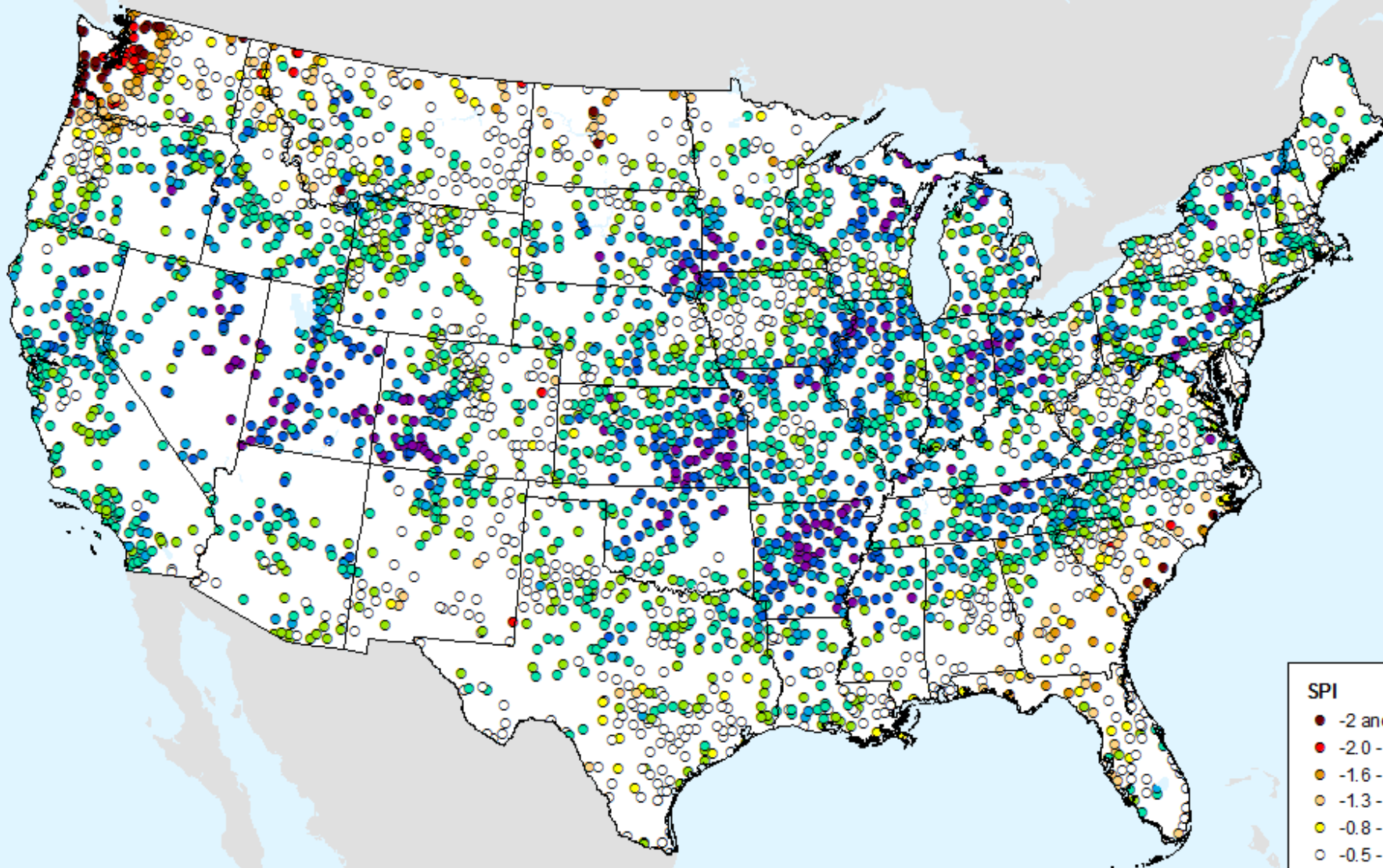
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

HPRCC Year-to-date SPI

As of: Tuesday, June 11, 2019

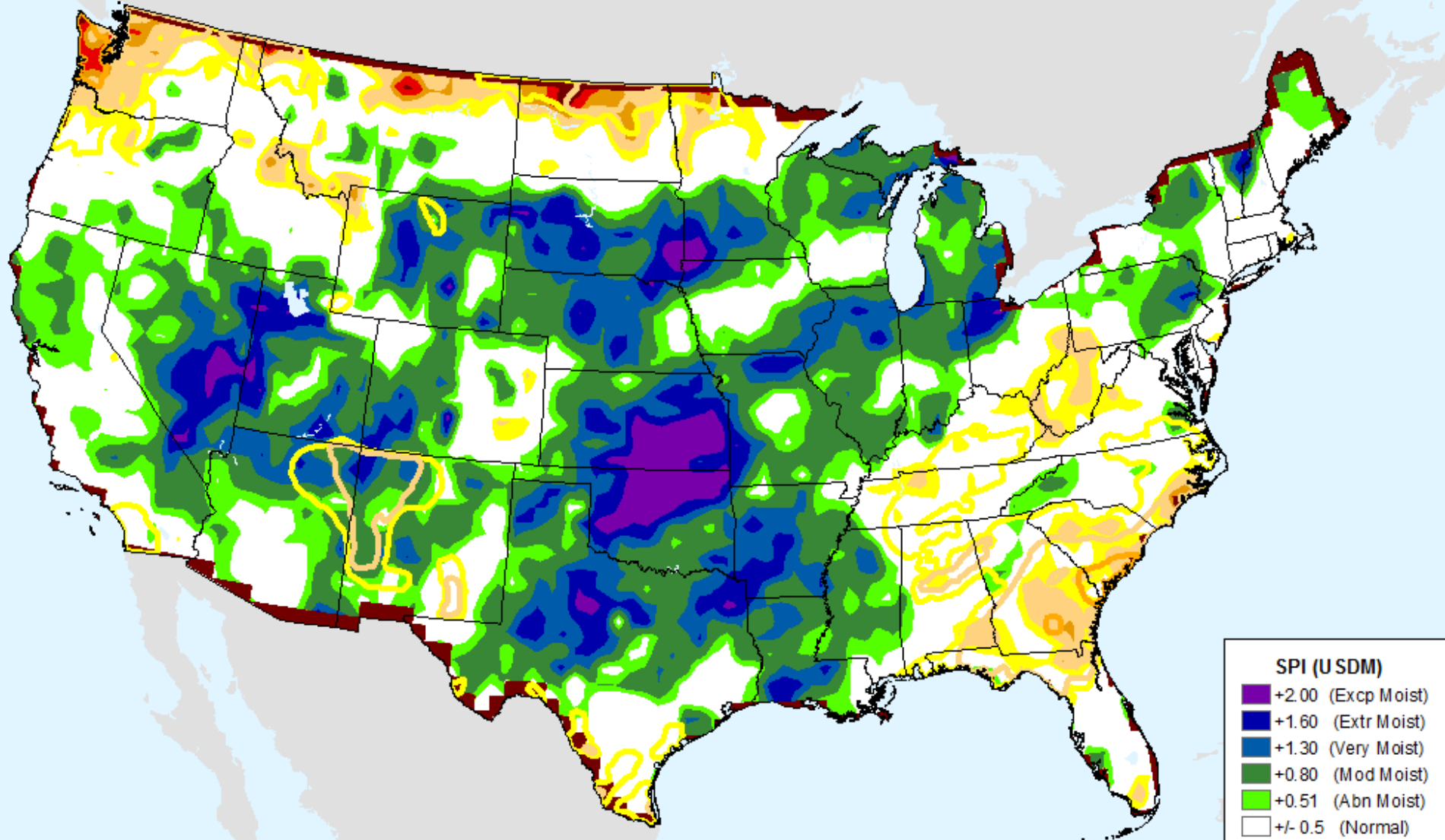


SPI

- -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, June 11, 2019

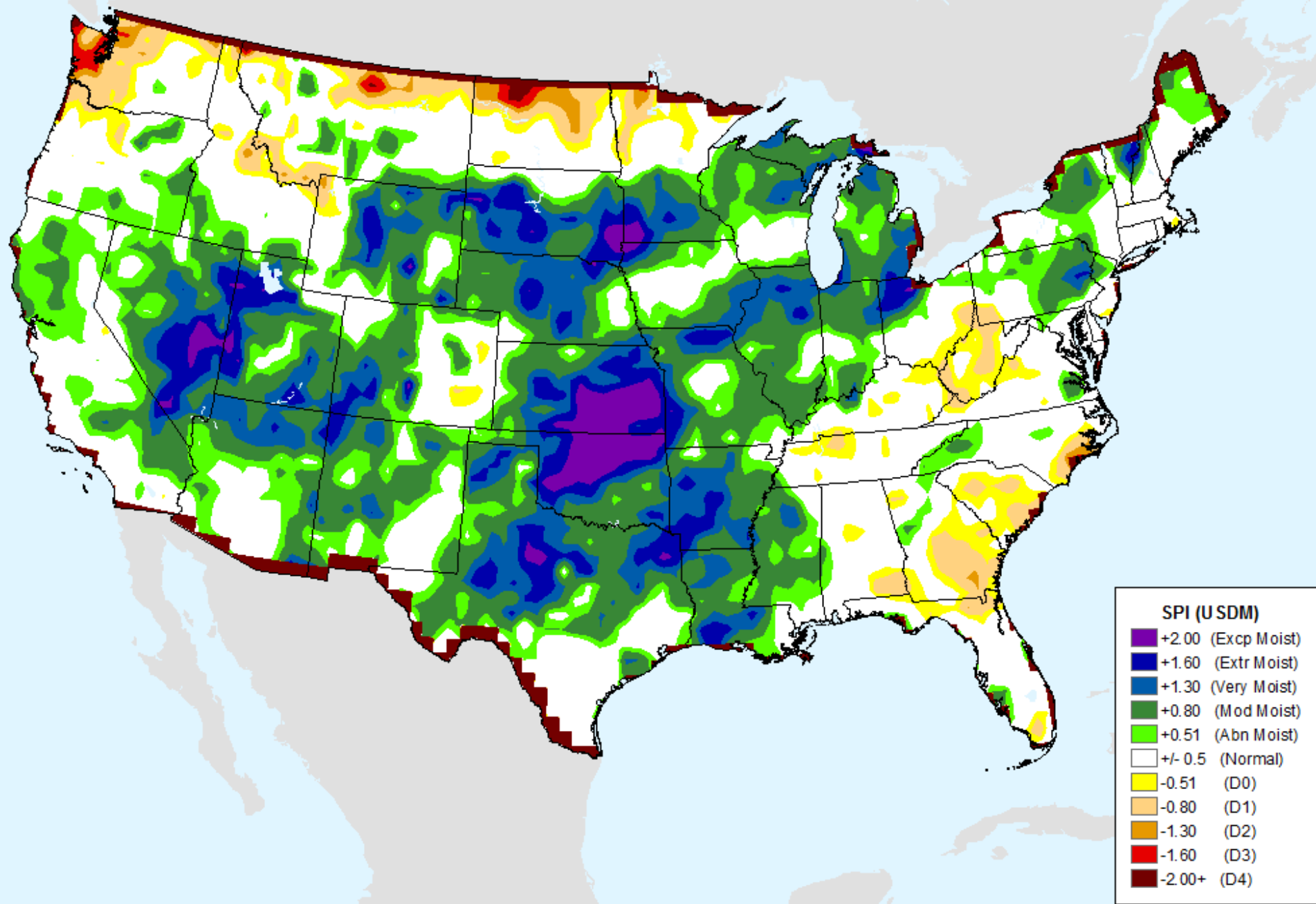


| SPI (USDM) | |
|------------|--------------------|
| + | +2.00 (Excp Moist) |
| + | +1.60 (Extr Moist) |
| + | +1.30 (Very Moist) |
| + | +0.80 (Mod Moist) |
| + | +0.51 (Abn Moist) |
| ± | +/- 0.5 (Normal) |
| - | -0.51 (D0) |
| - | -0.80 (D1) |
| - | -1.30 (D2) |
| - | -1.60 (D3) |
| - | -2.00+ (D4)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

USDM for: Jun. 4, 2019

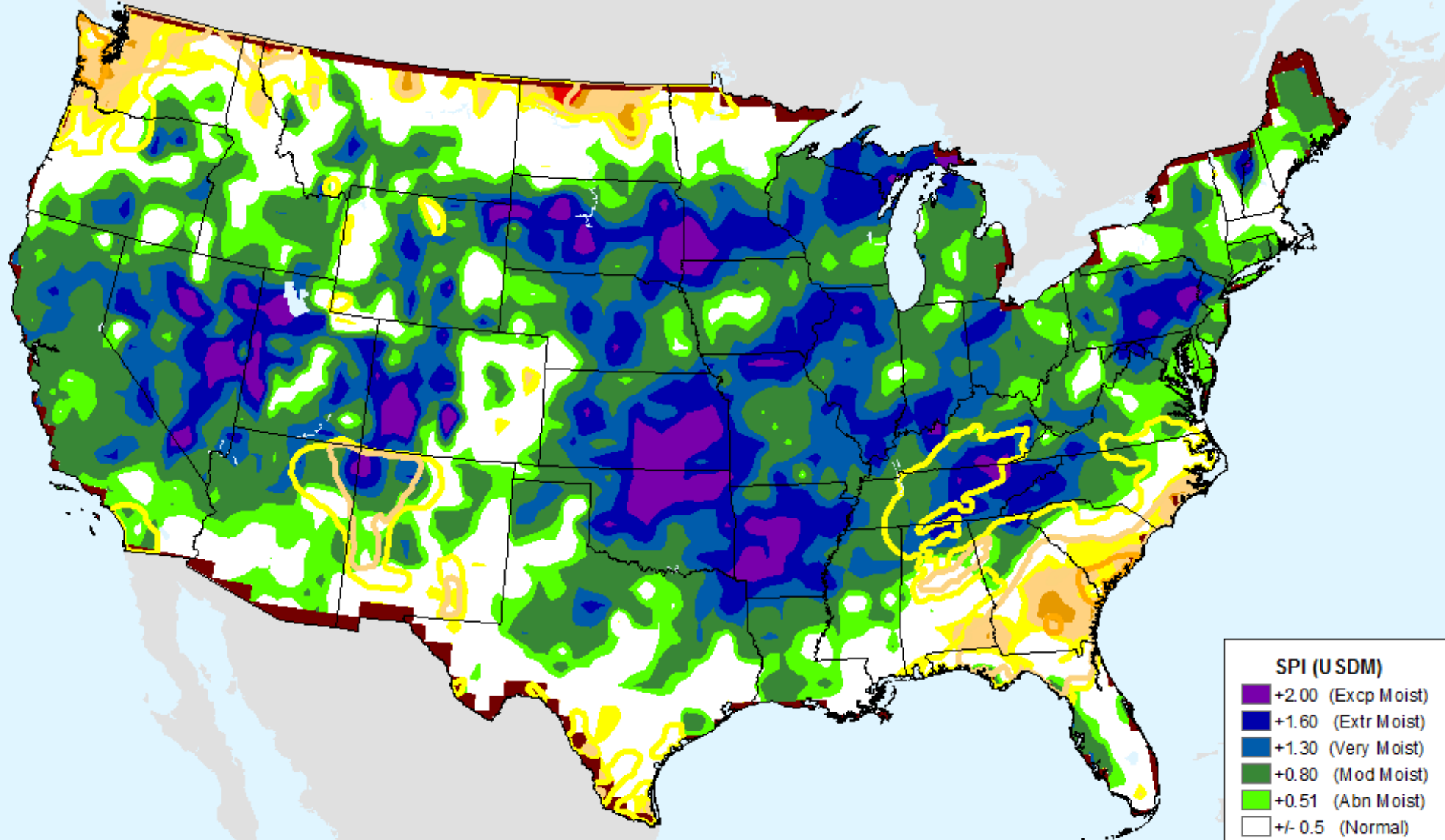
CPC 3-month SPI

As of: Tuesday, June 11, 2019



CPC 6-month SPI

As of: Tuesday, June 11, 2019

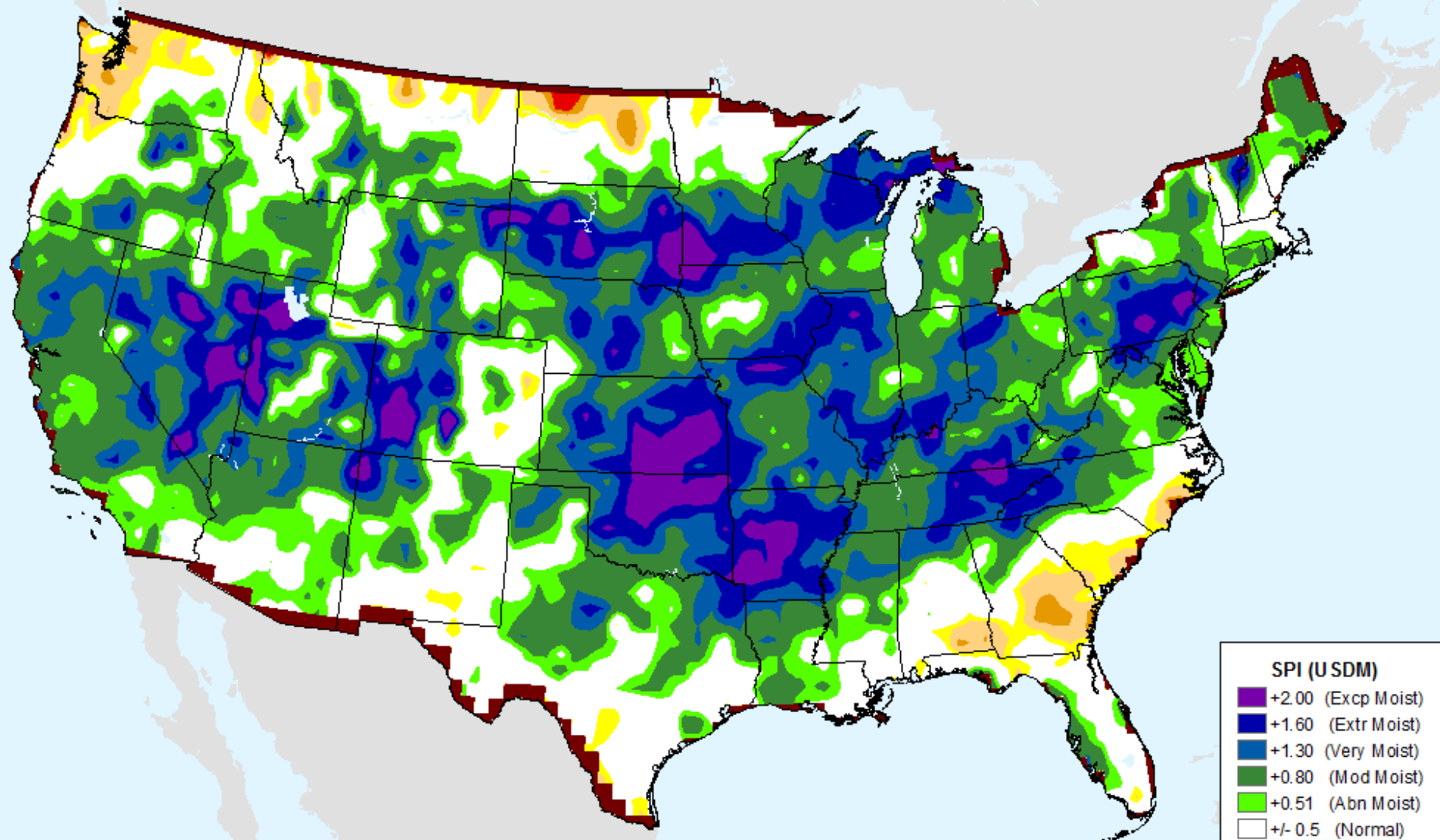


| SPI (USDM) | |
|--------------|--------------------|
| Dark Purple | +2.00 (Excp Moist) |
| Dark Blue | +1.60 (Extr Moist) |
| Blue | +1.30 (Very Moist) |
| Green | +0.80 (Mod Moist) |
| Light Green | +0.51 (Abn Moist) |
| White | +/- 0.5 (Normal) |
| Yellow | -0.51 (D0) |
| Light Orange | -0.80 (D1)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

USDM for: Jun. 4, 2019

CPC 6-month SPI

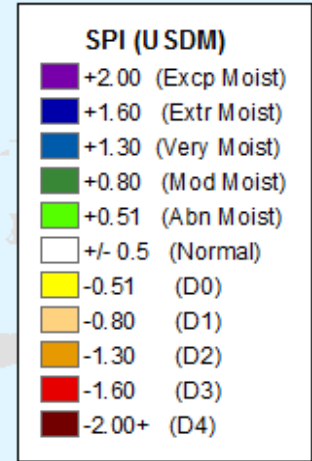
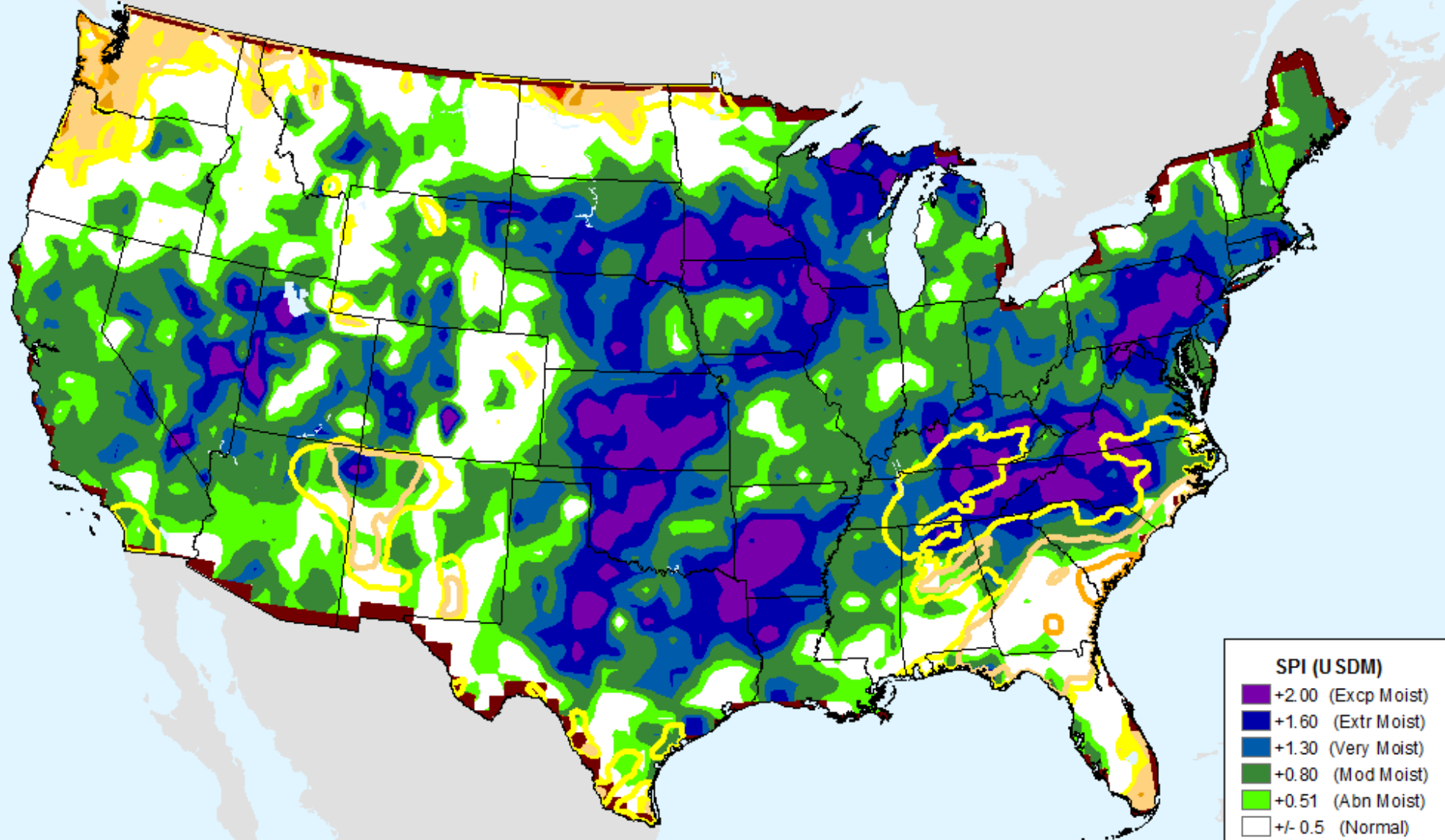
As of: Tuesday, June 11, 2019



| 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

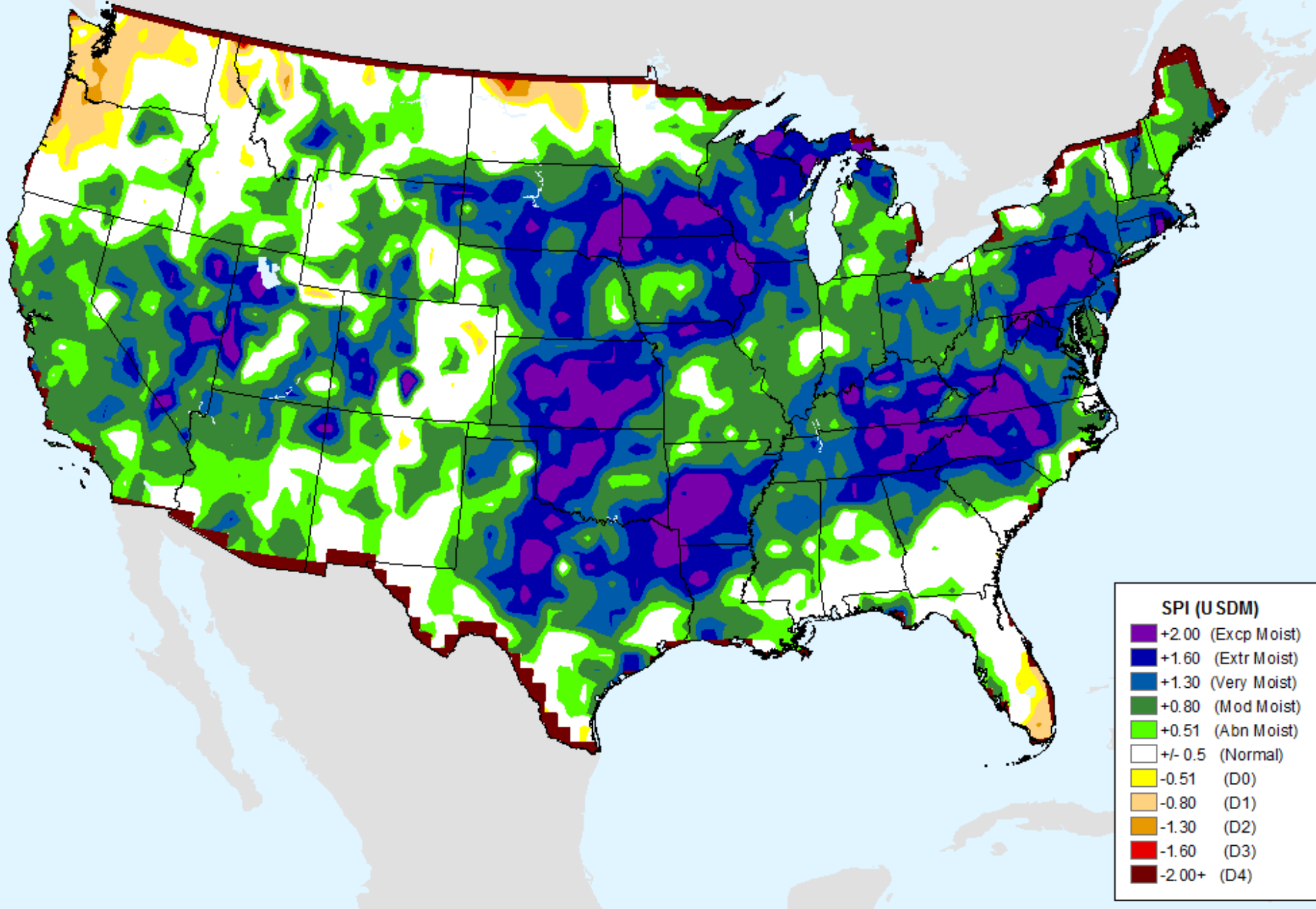
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

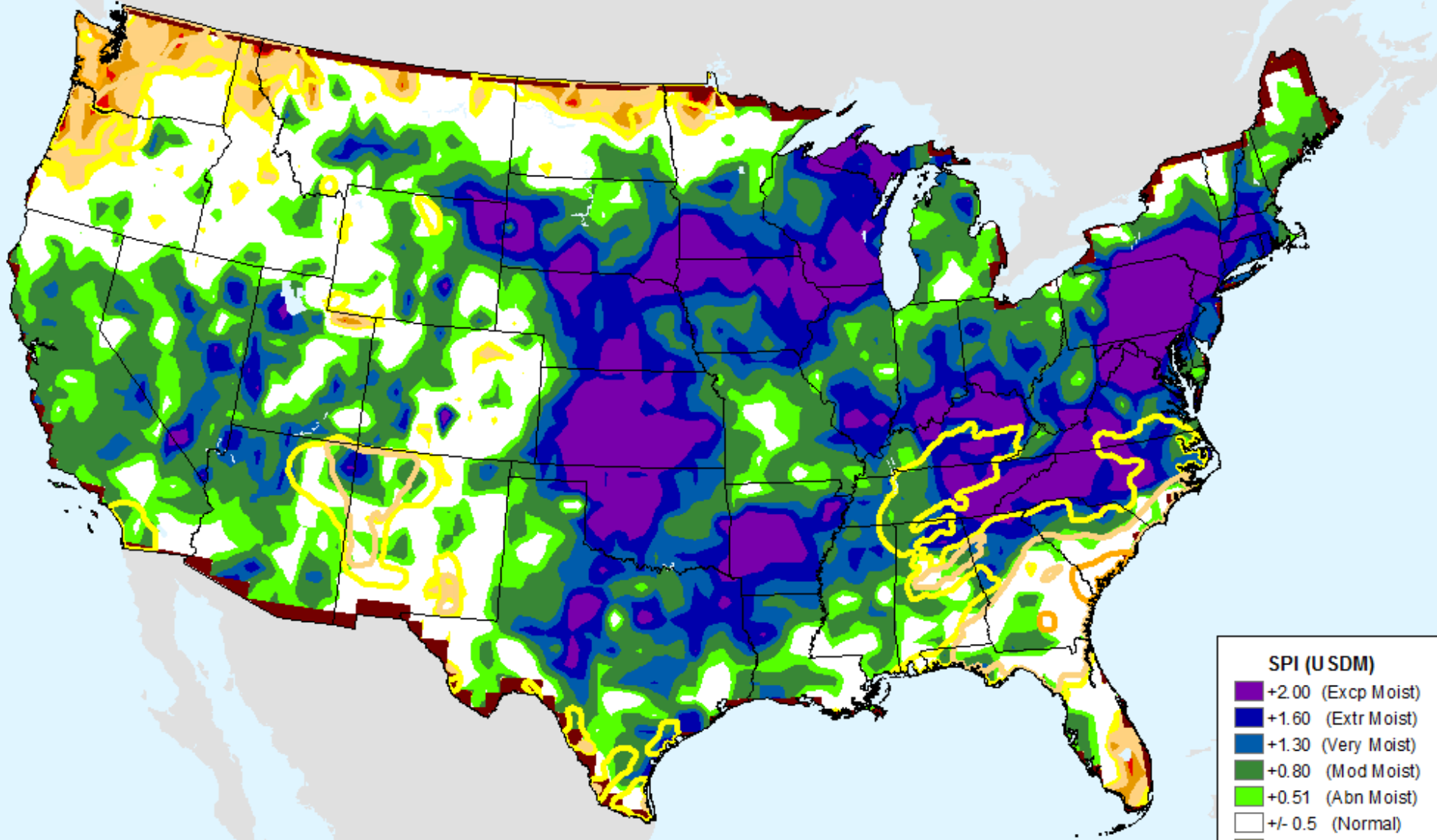
CPC 9-month SPI

As of: Tuesday, June 11, 2019



CPC 12-month SPI

As of: Tuesday, June 11, 2019

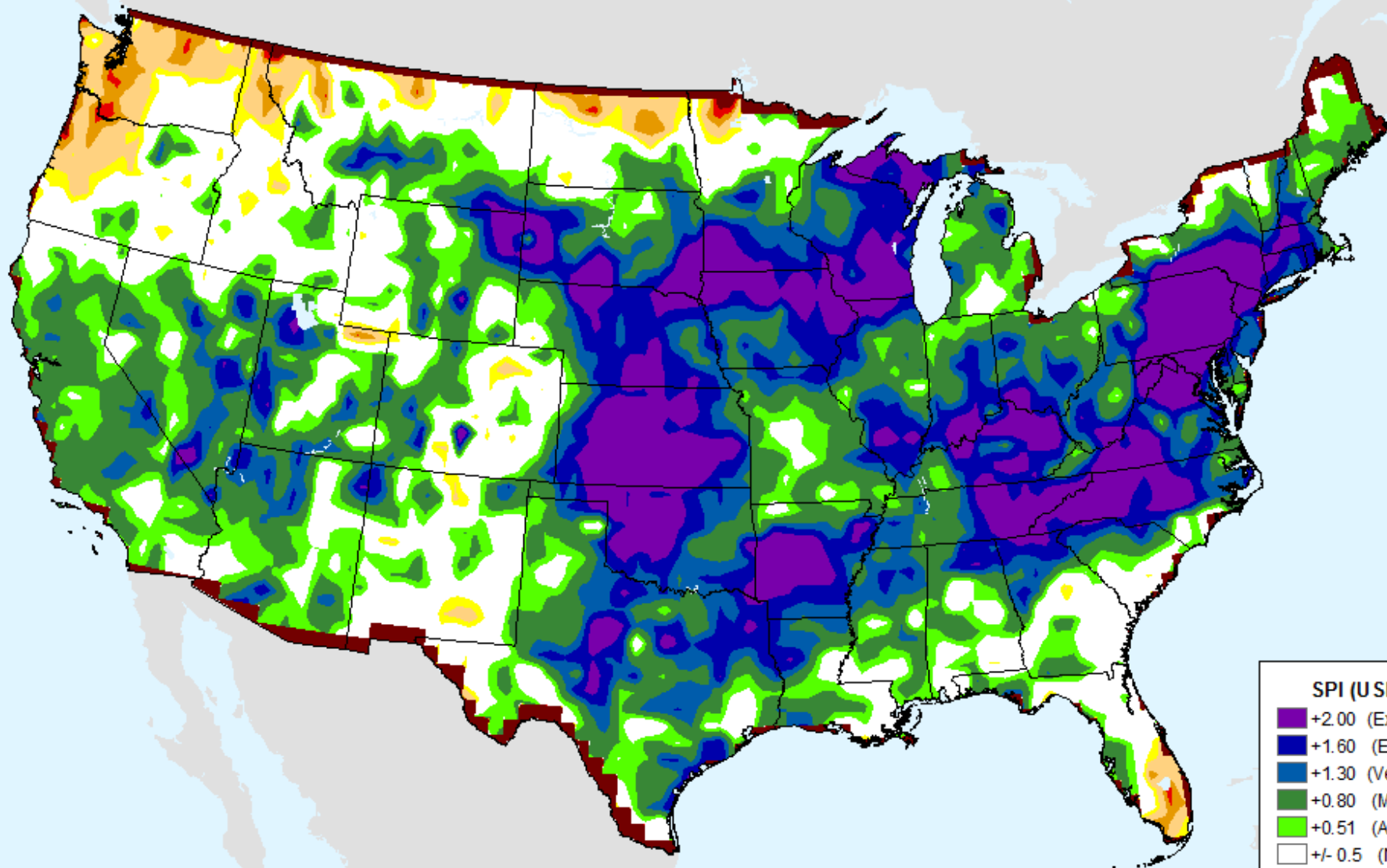


| SPI (USDM) | |
|--------------|--------------------|
| Dark Purple | +2.00 (Excp Moist) |
| Blue | +1.60 (Extr Moist) |
| Light Blue | +1.30 (Very Moist) |
| Green | +0.80 (Mod Moist) |
| Light Green | +0.51 (Abn Moist) |
| White | +/- 0.5 (Normal) |
| Yellow | -0.51 (D0) |
| Light Orange | -0.80 (D1)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

USDM for: Jun. 4, 2019

CPC 12-month SPI

As of: Tuesday, June 11, 2019

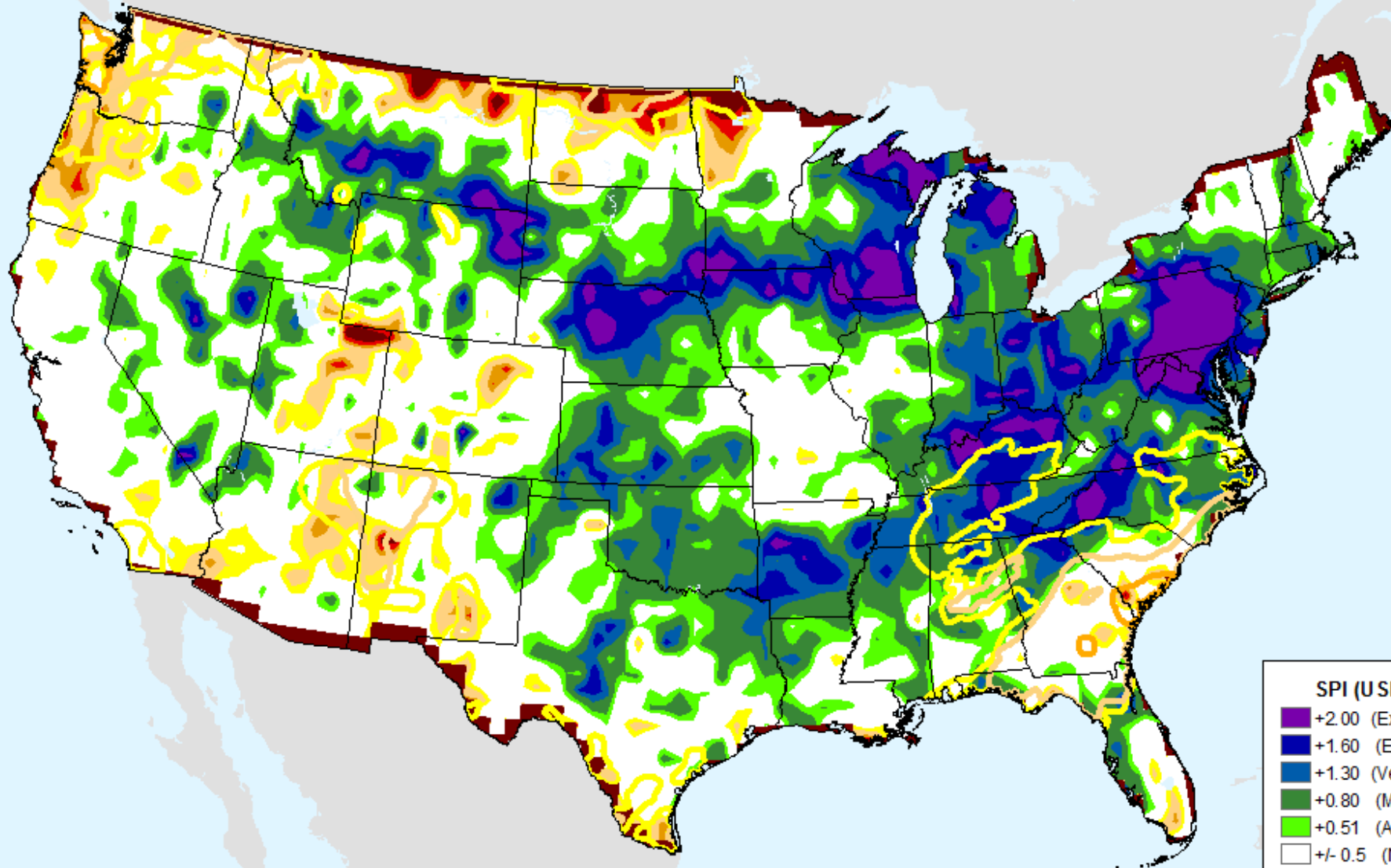


SPI (USDM)

- +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, June 11, 2019



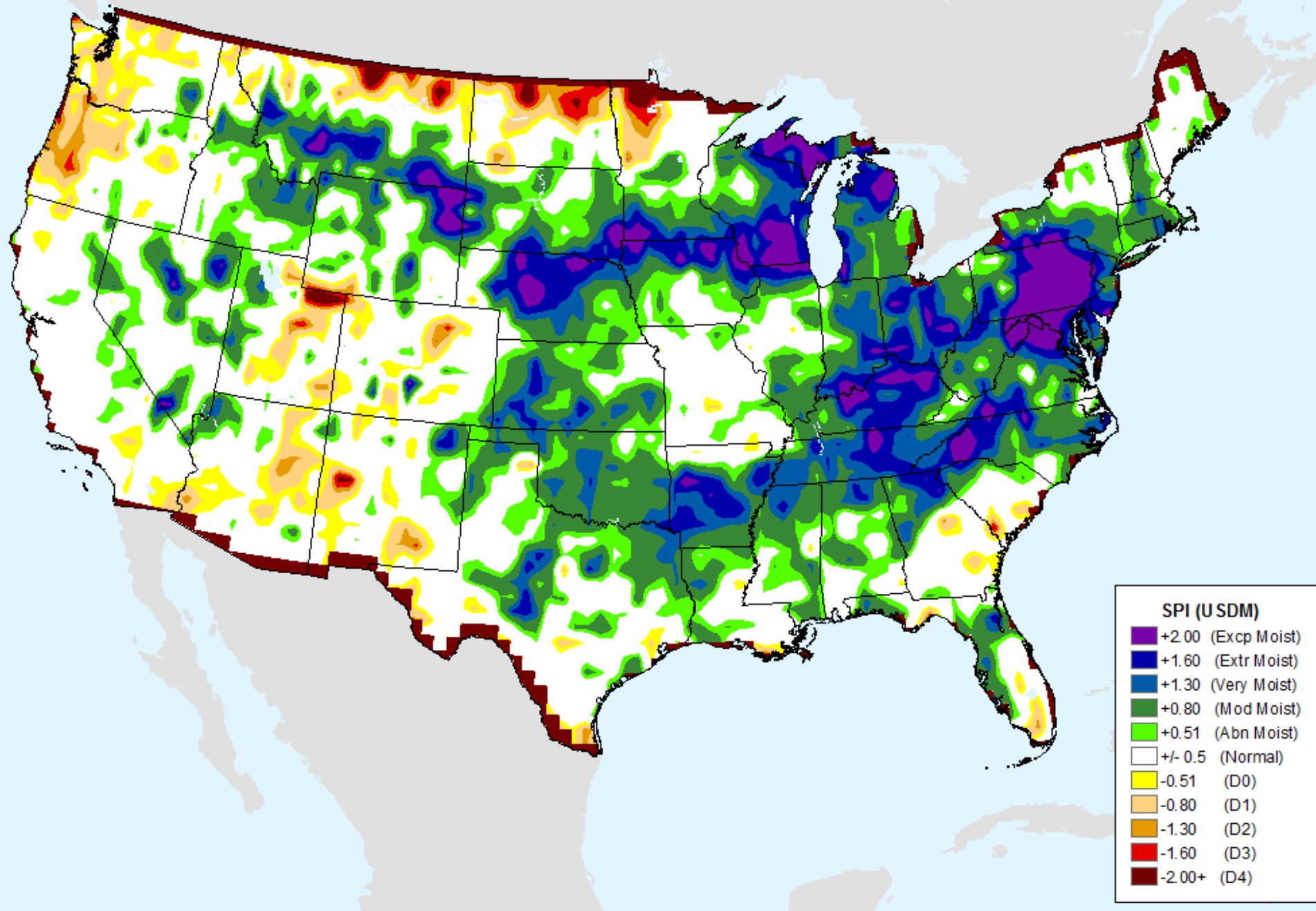
SPI (USDM)

- +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: Jun. 4, 2019

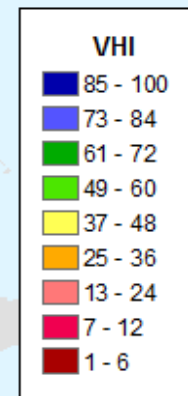
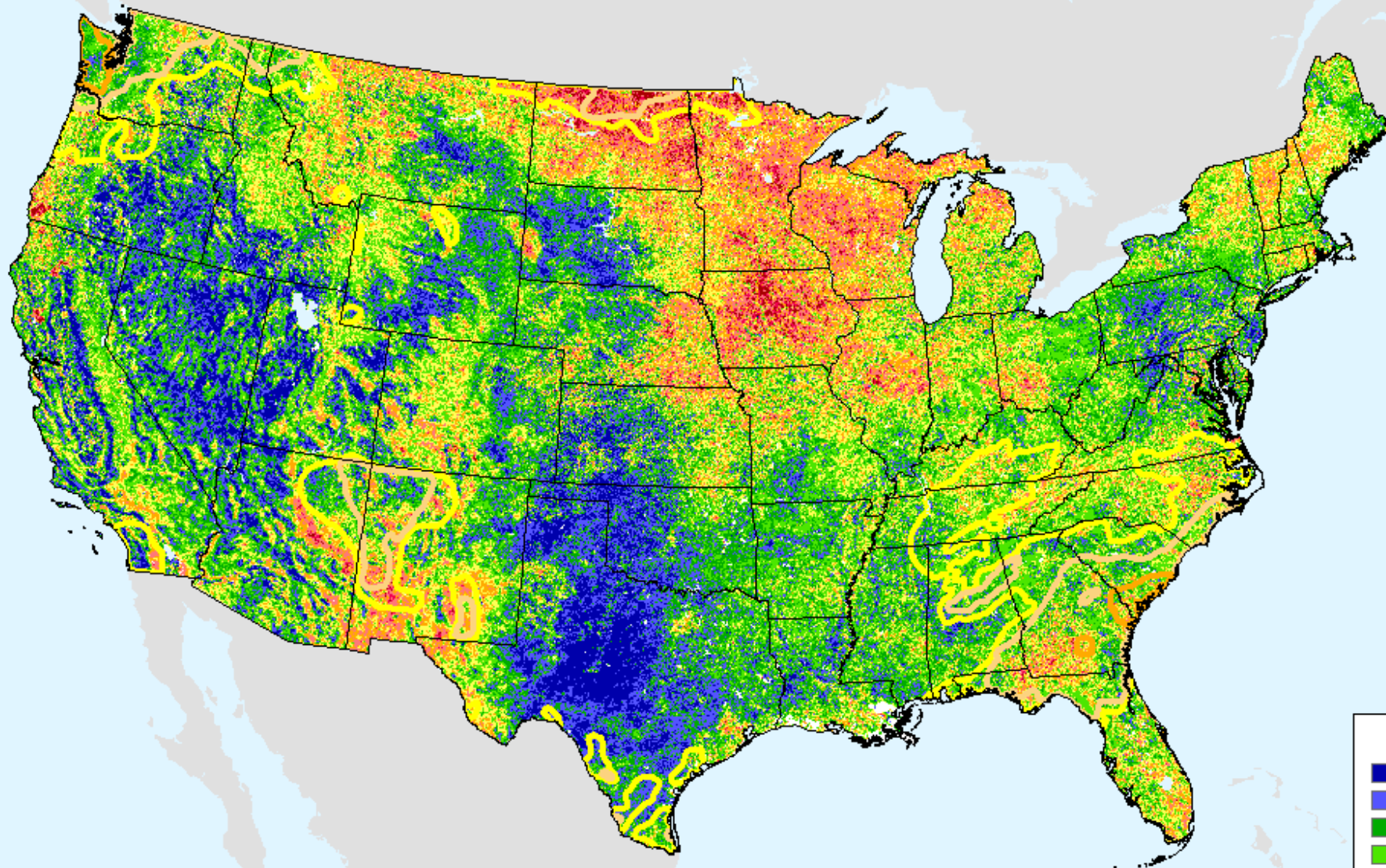
CPC 24-month SPI

As of: Tuesday, June 11, 2019



Vegetation Health Index

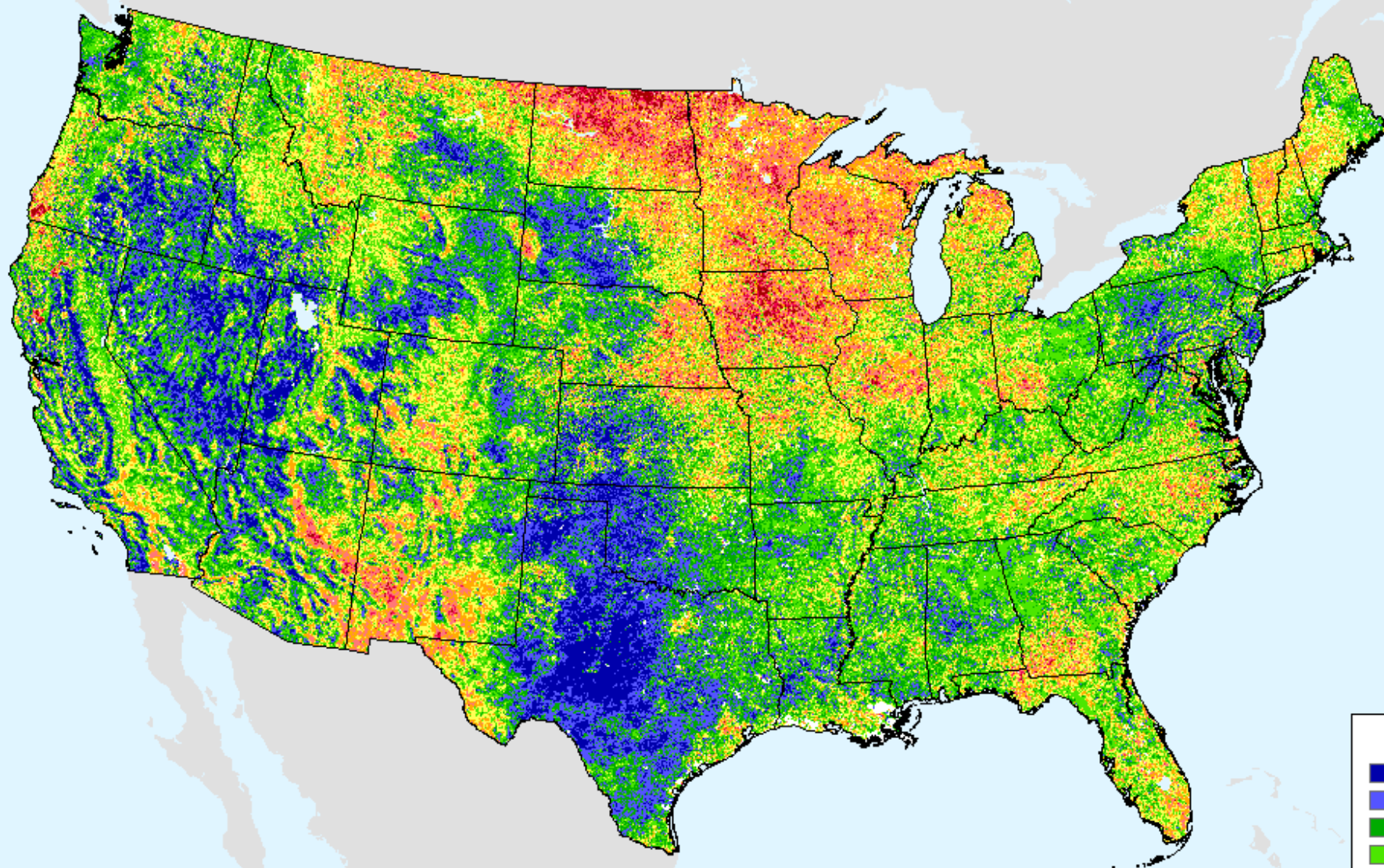
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

Vegetation Health Index

As of: Tuesday, June 11, 2019

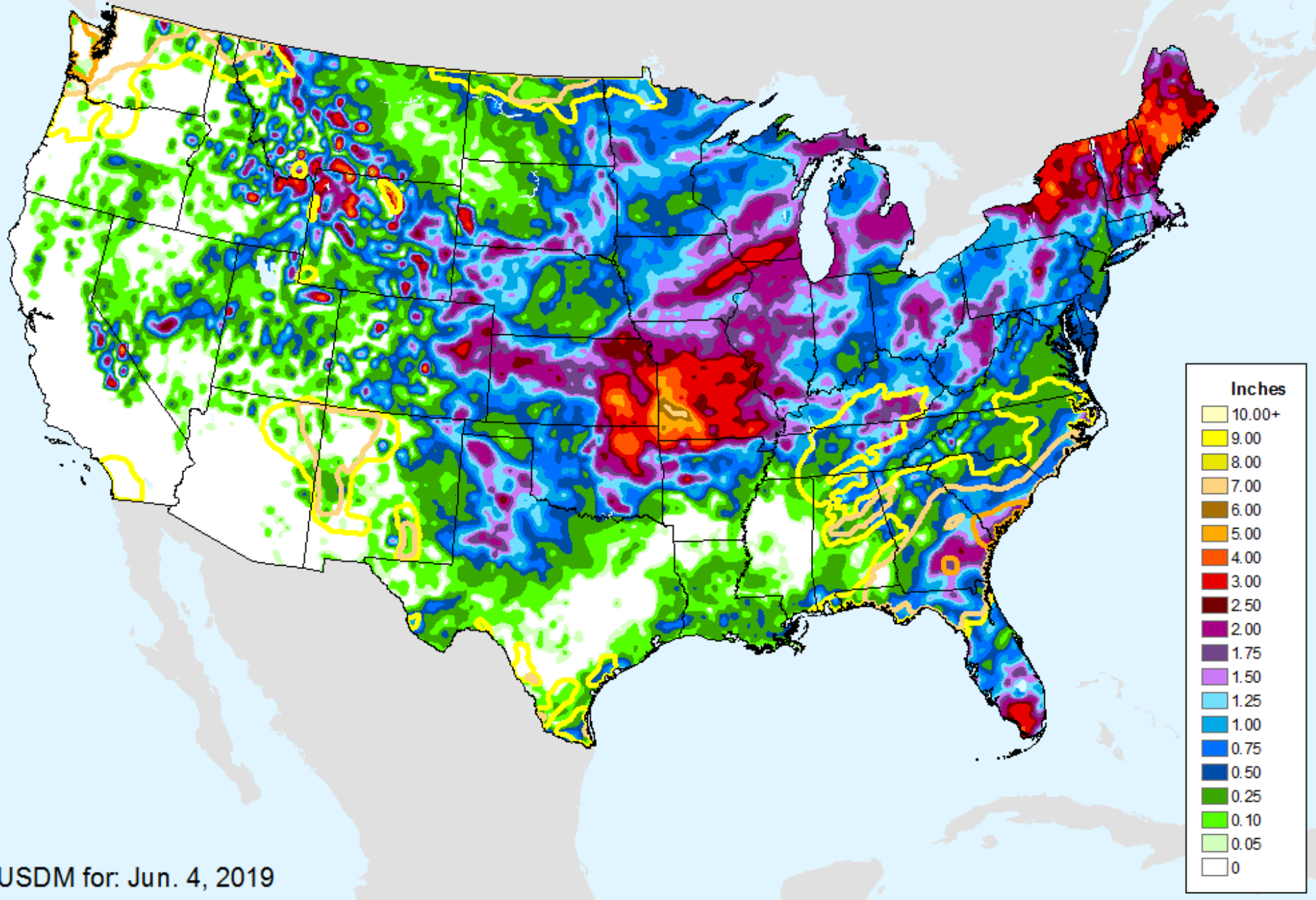


VHI

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

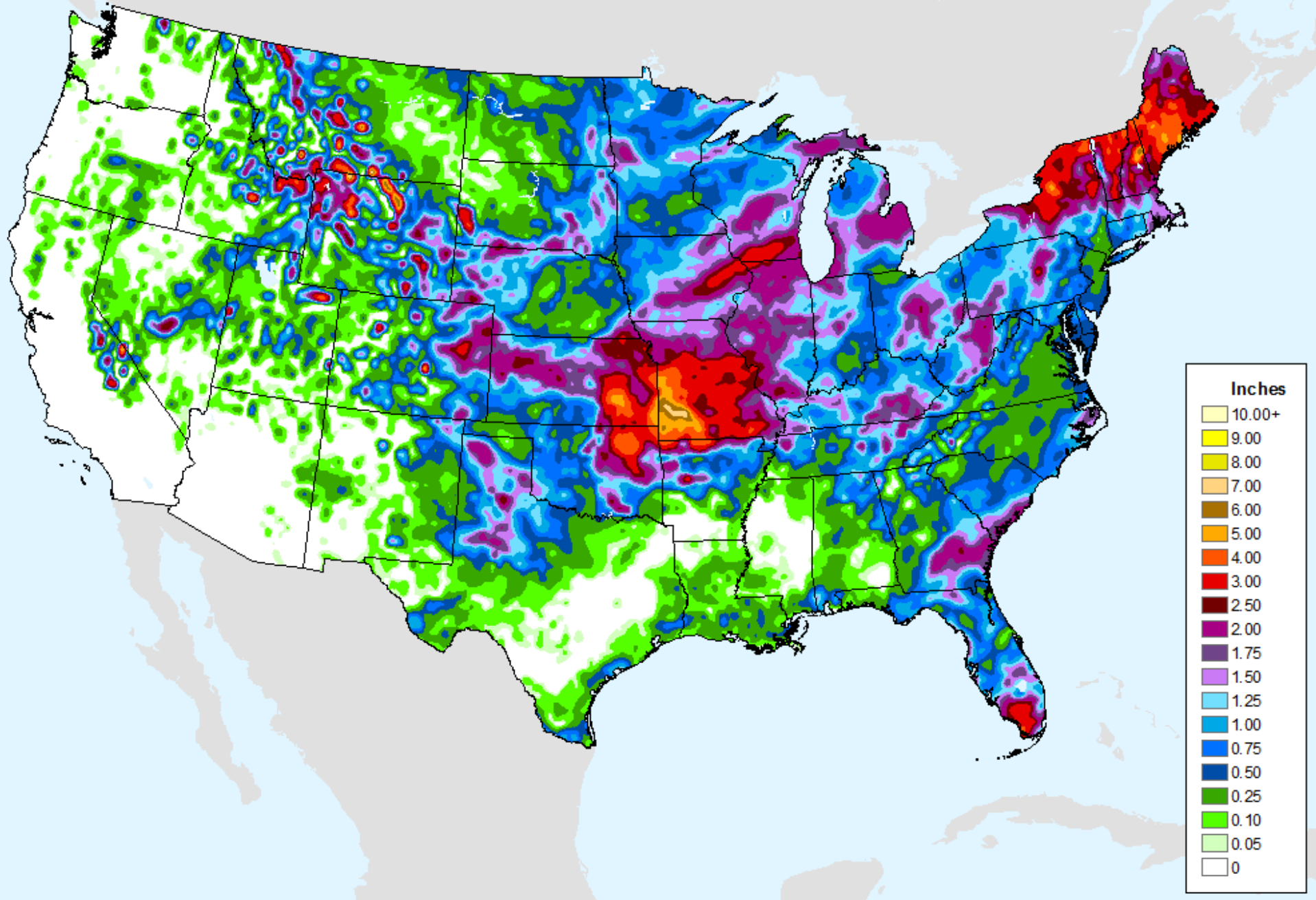
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, June 11, 2019



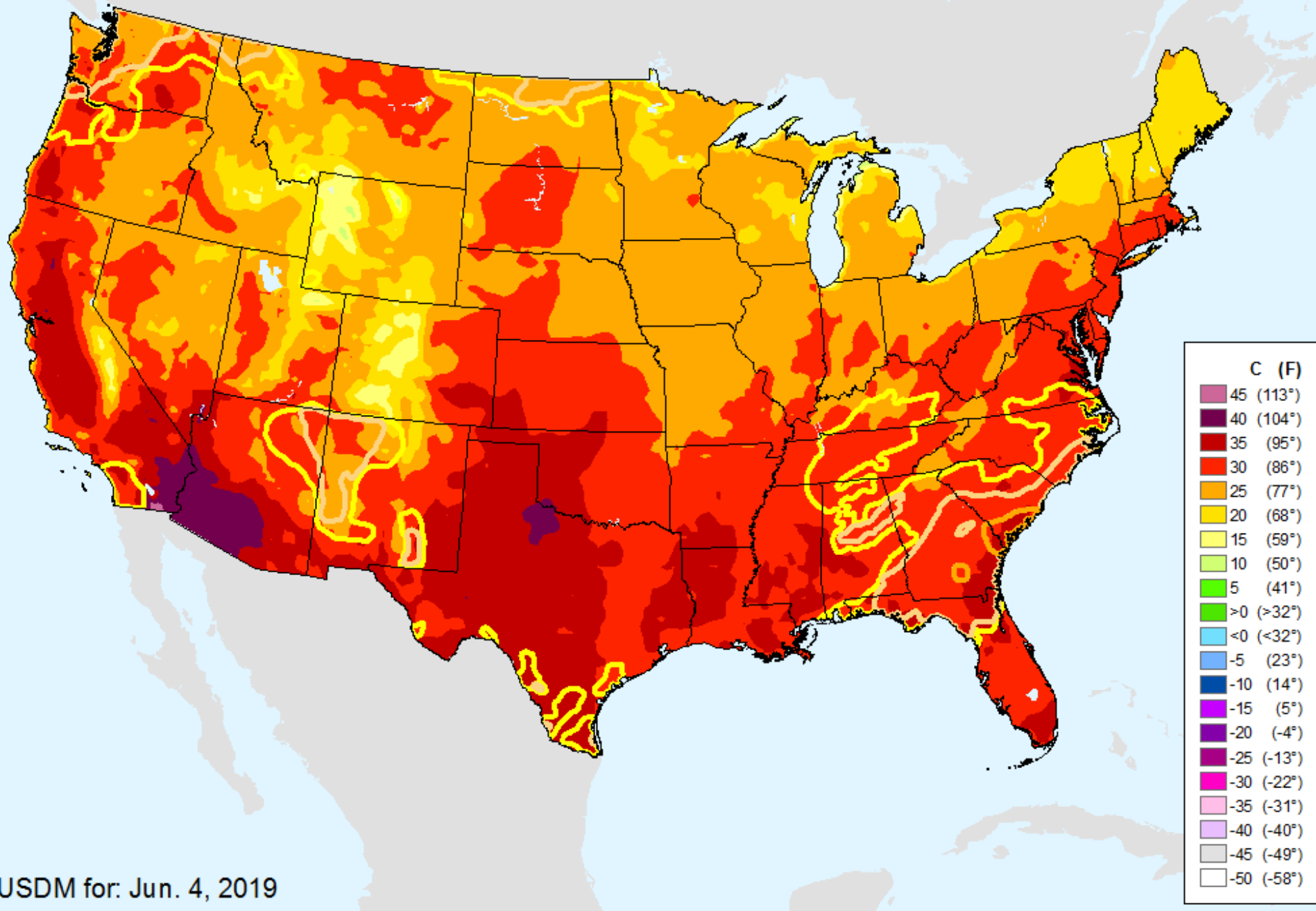
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, June 11, 2019



GFS (00z) 7-Day Max Temp Forecast

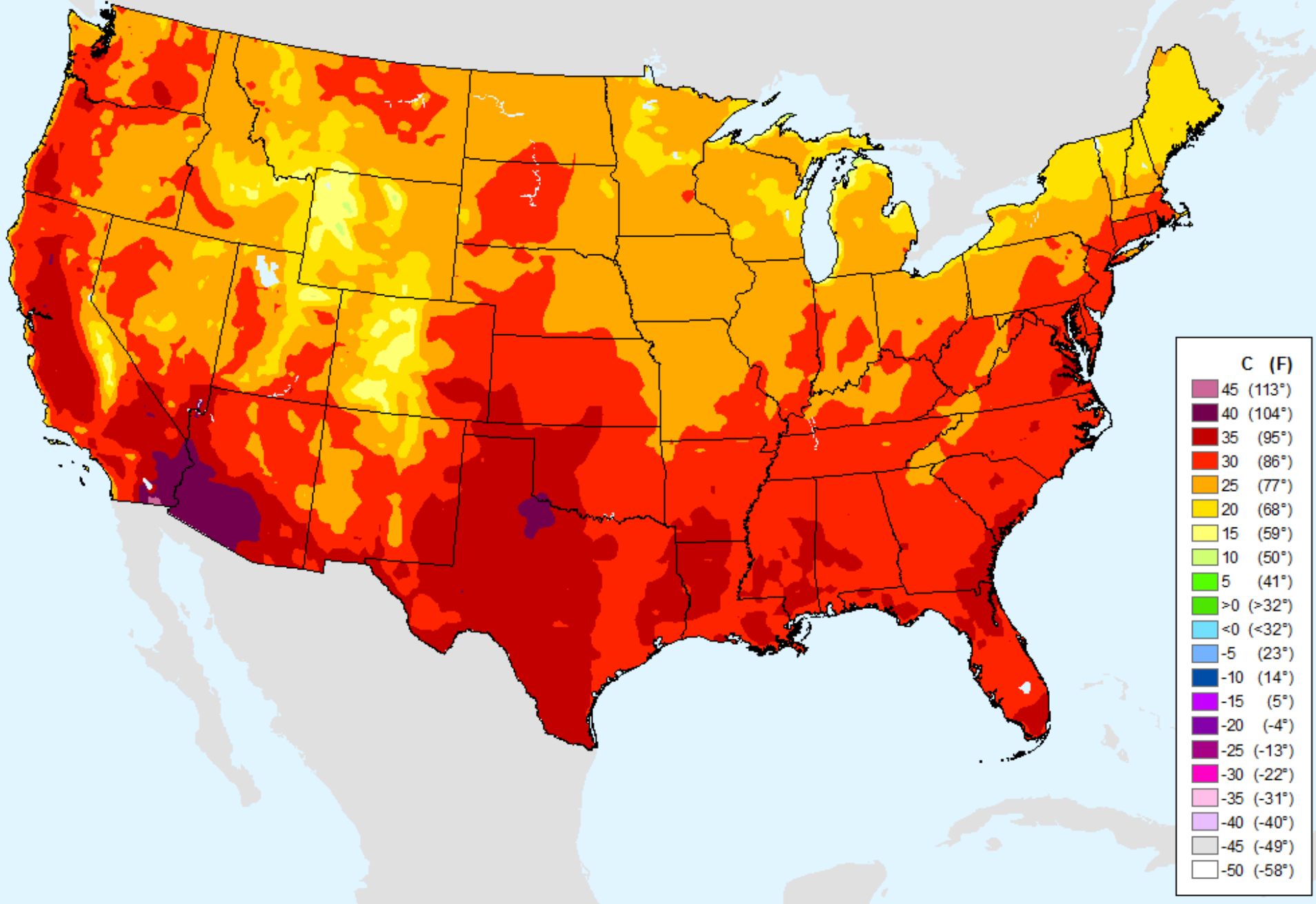
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

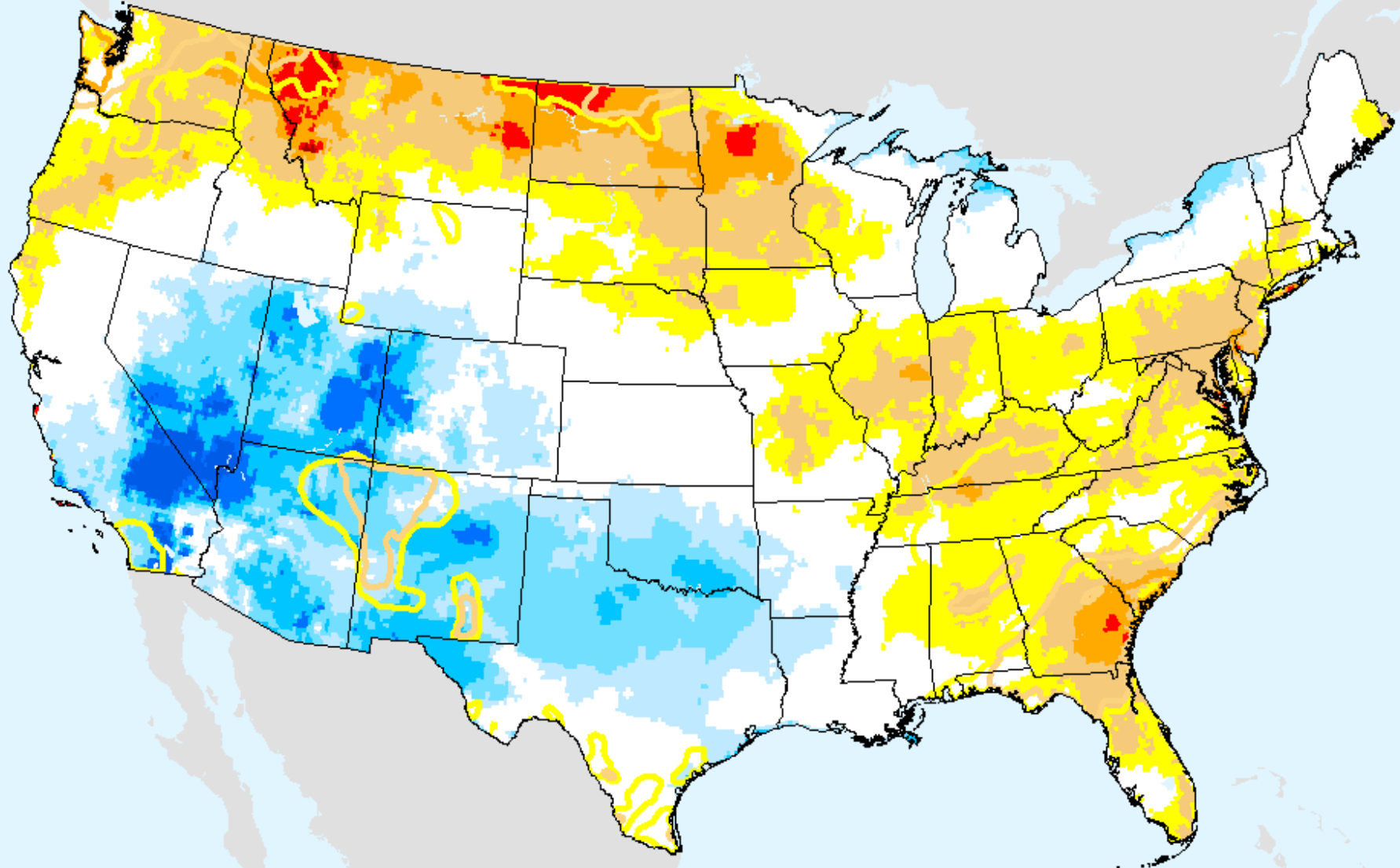
GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, June 11, 2019



EDDI 1-week

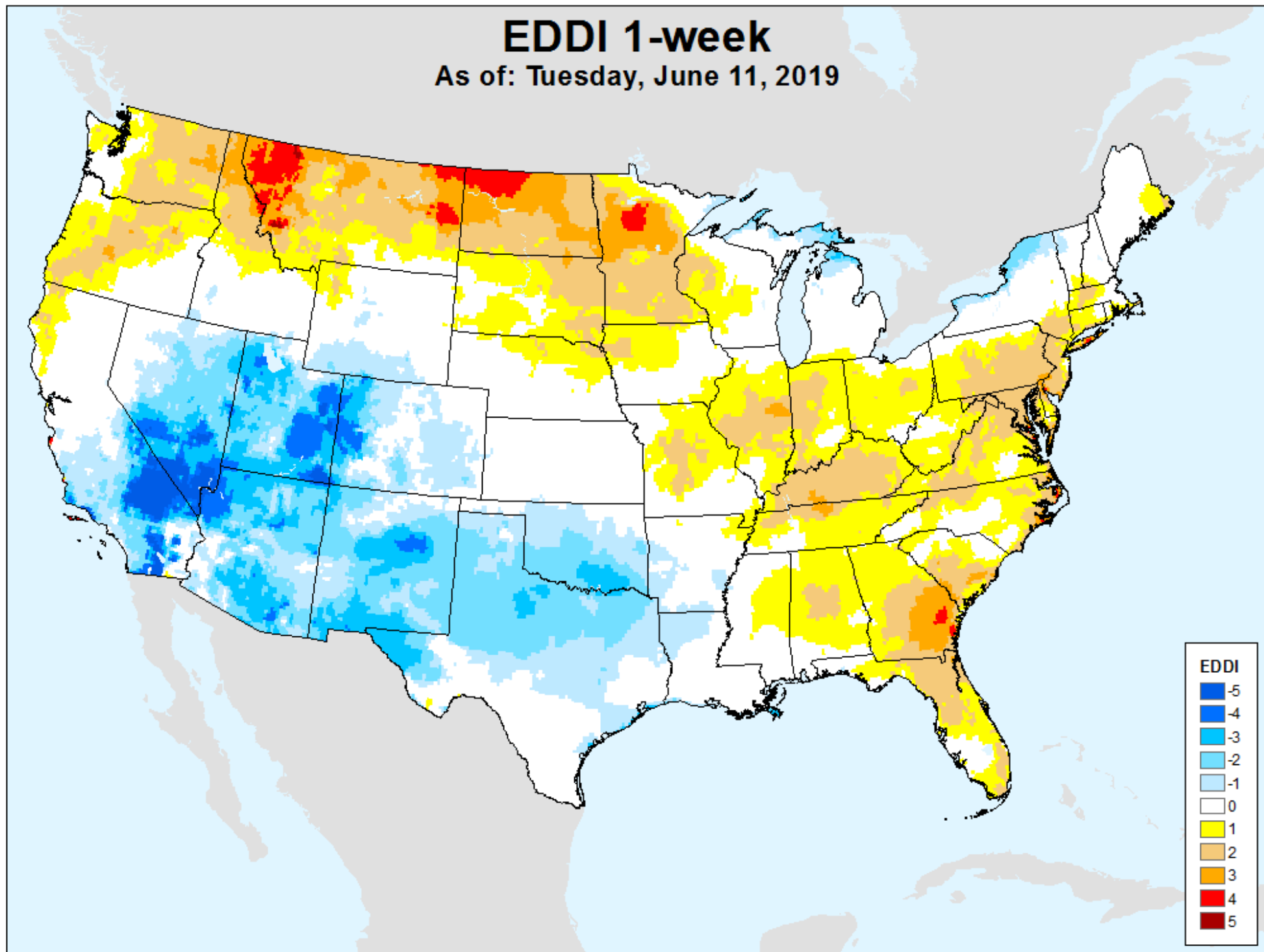
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

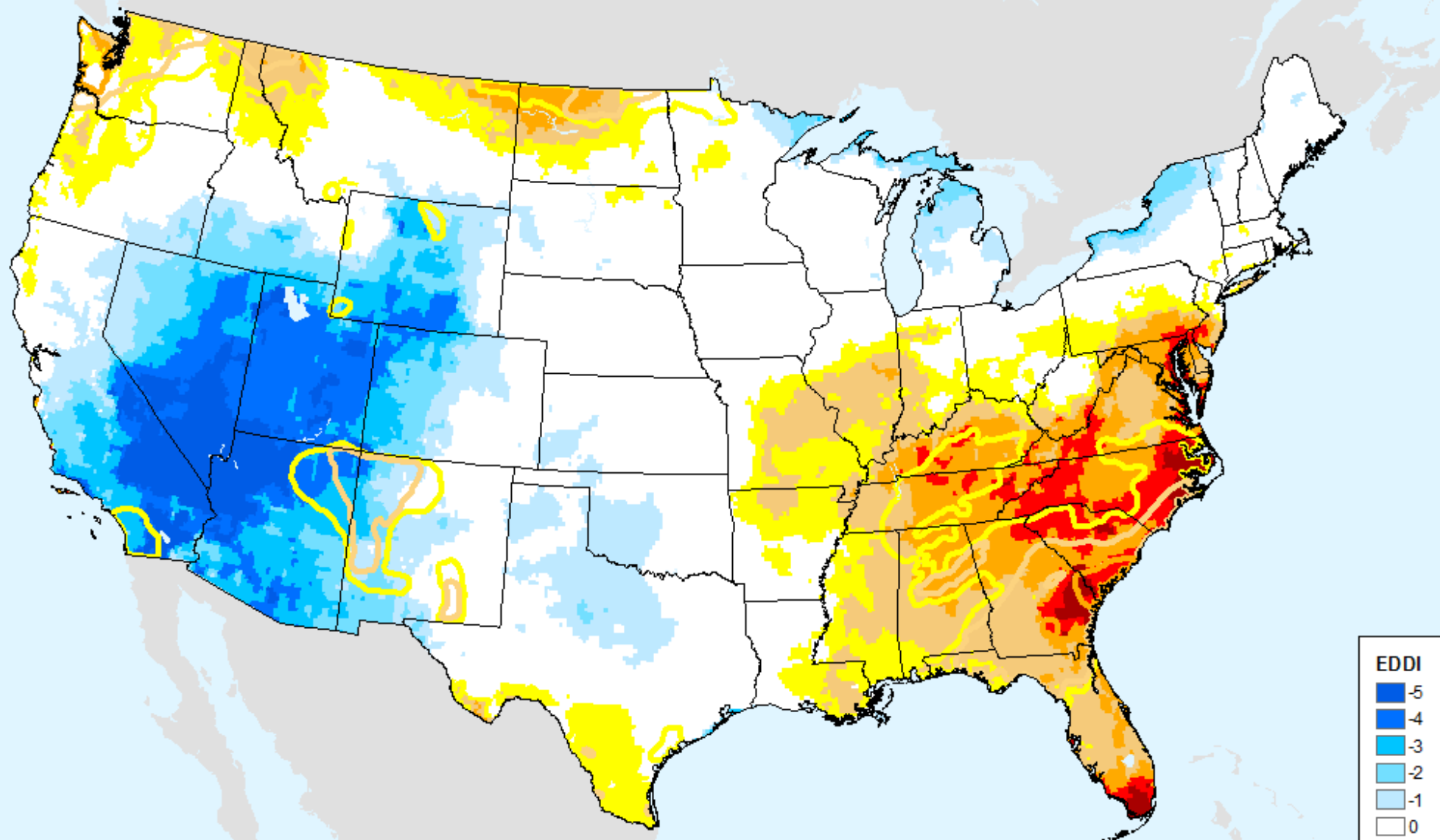
EDDI 1-week

As of: Tuesday, June 11, 2019



EDDI 2-week

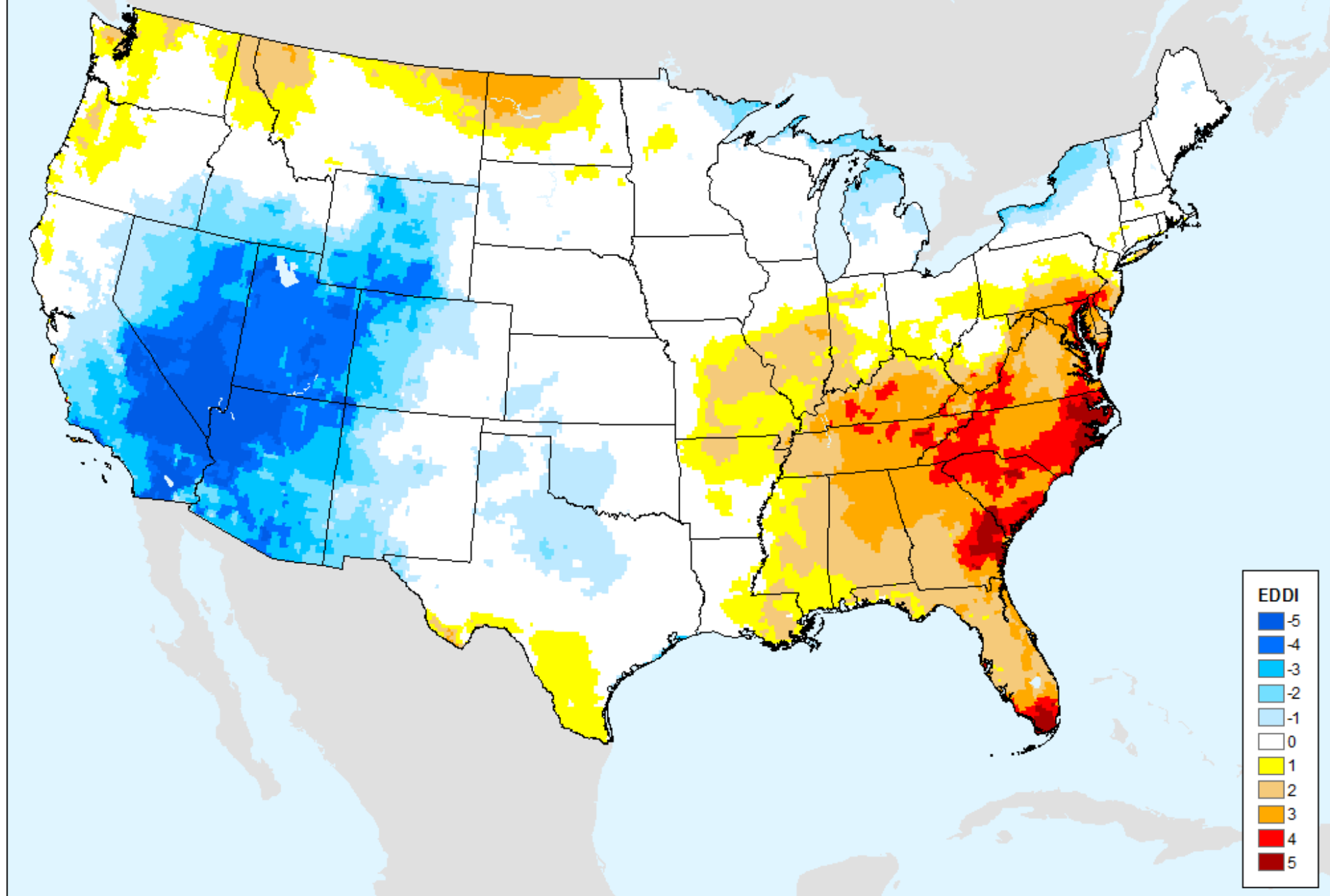
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

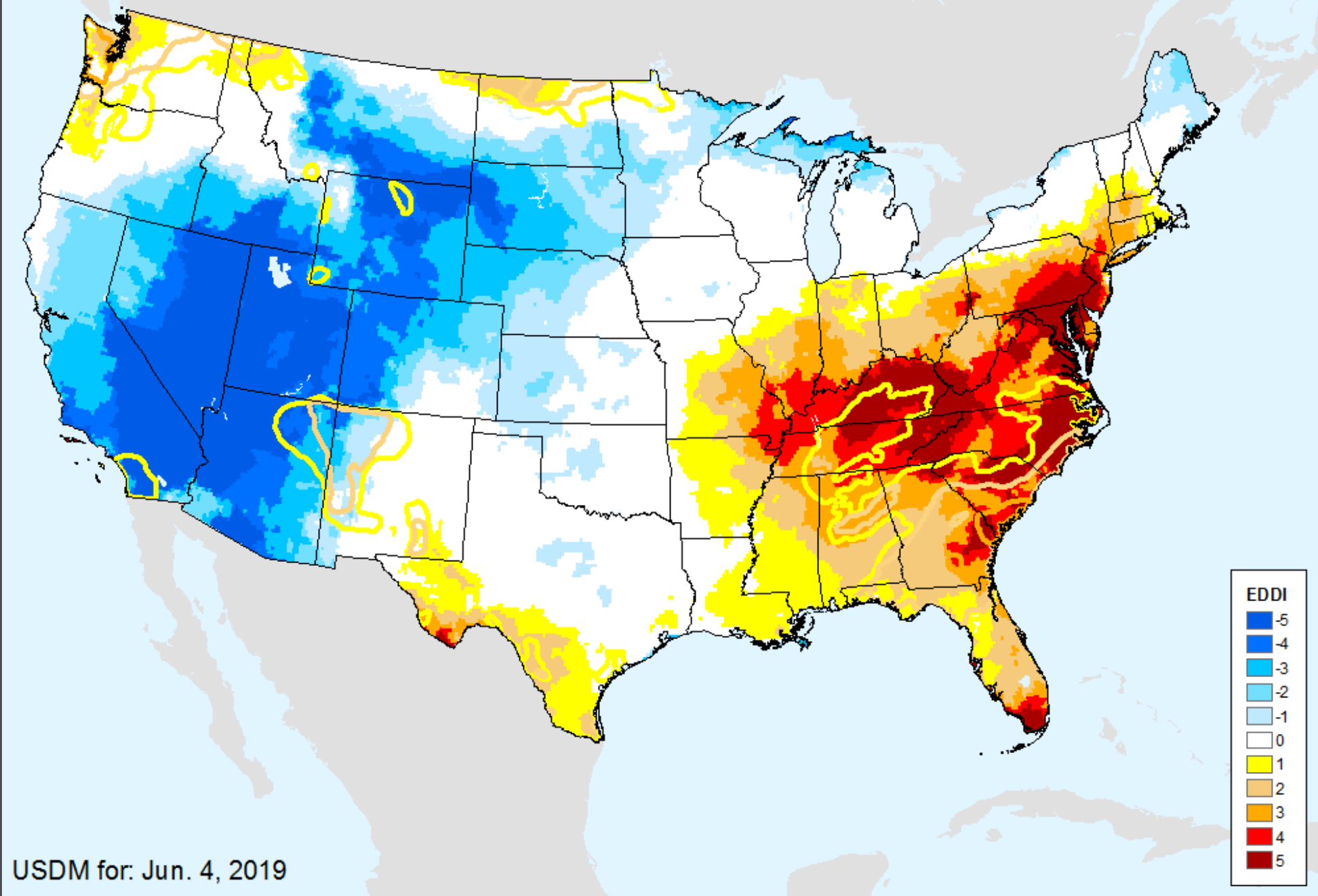
EDDI 2-week

As of: Tuesday, June 11, 2019



EDDI 3-week

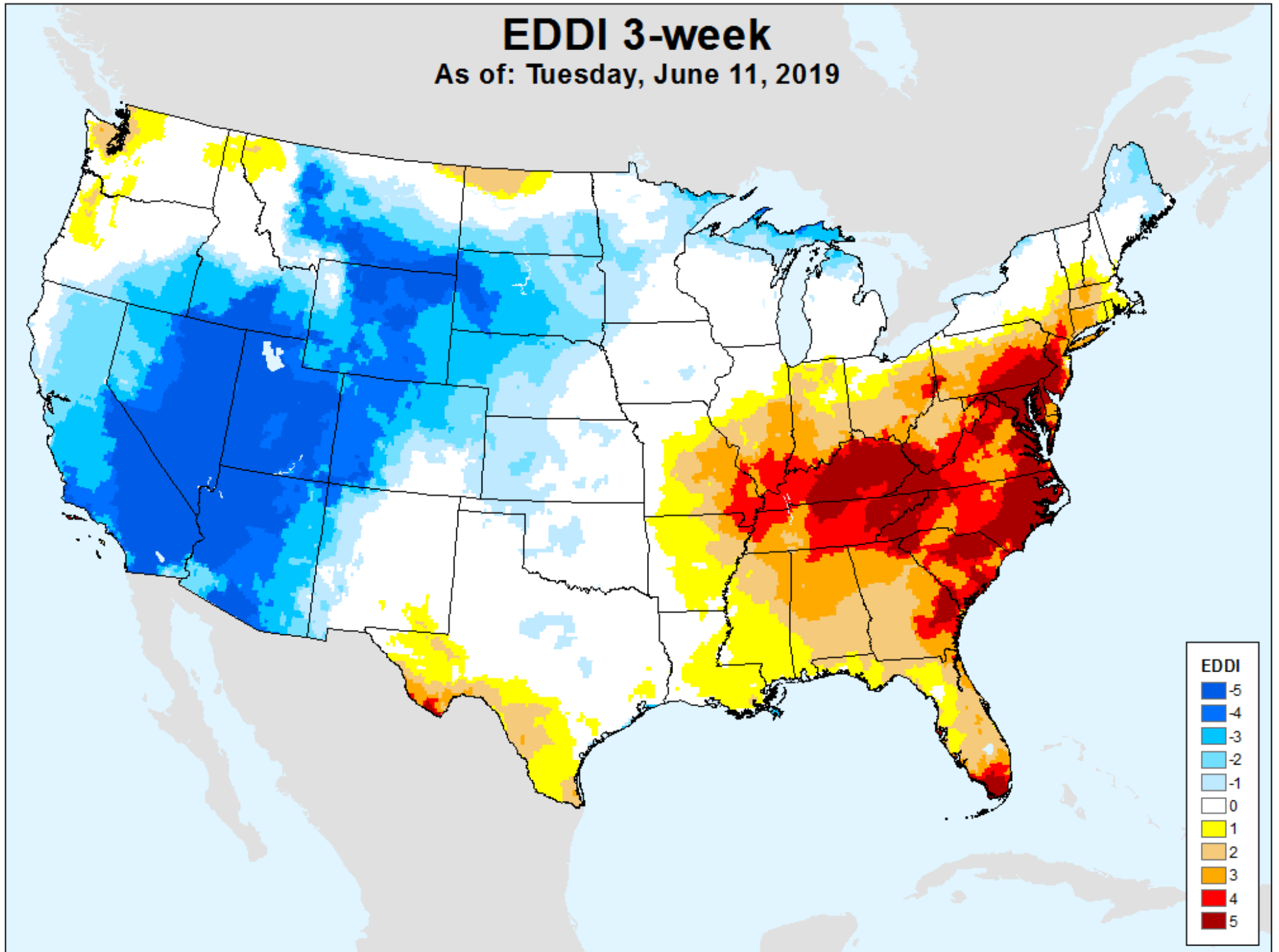
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

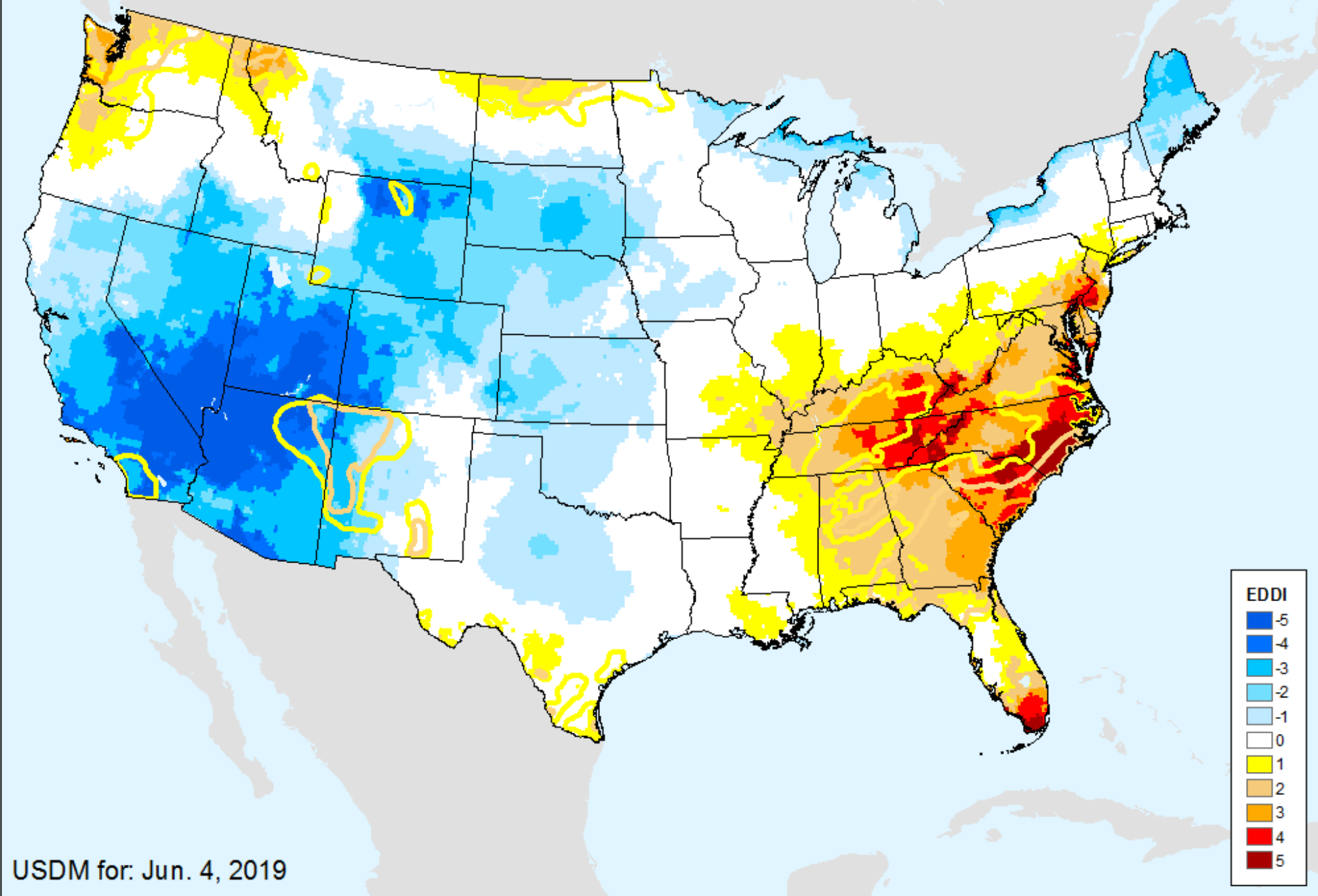
EDDI 3-week

As of: Tuesday, June 11, 2019



EDDI 4-week

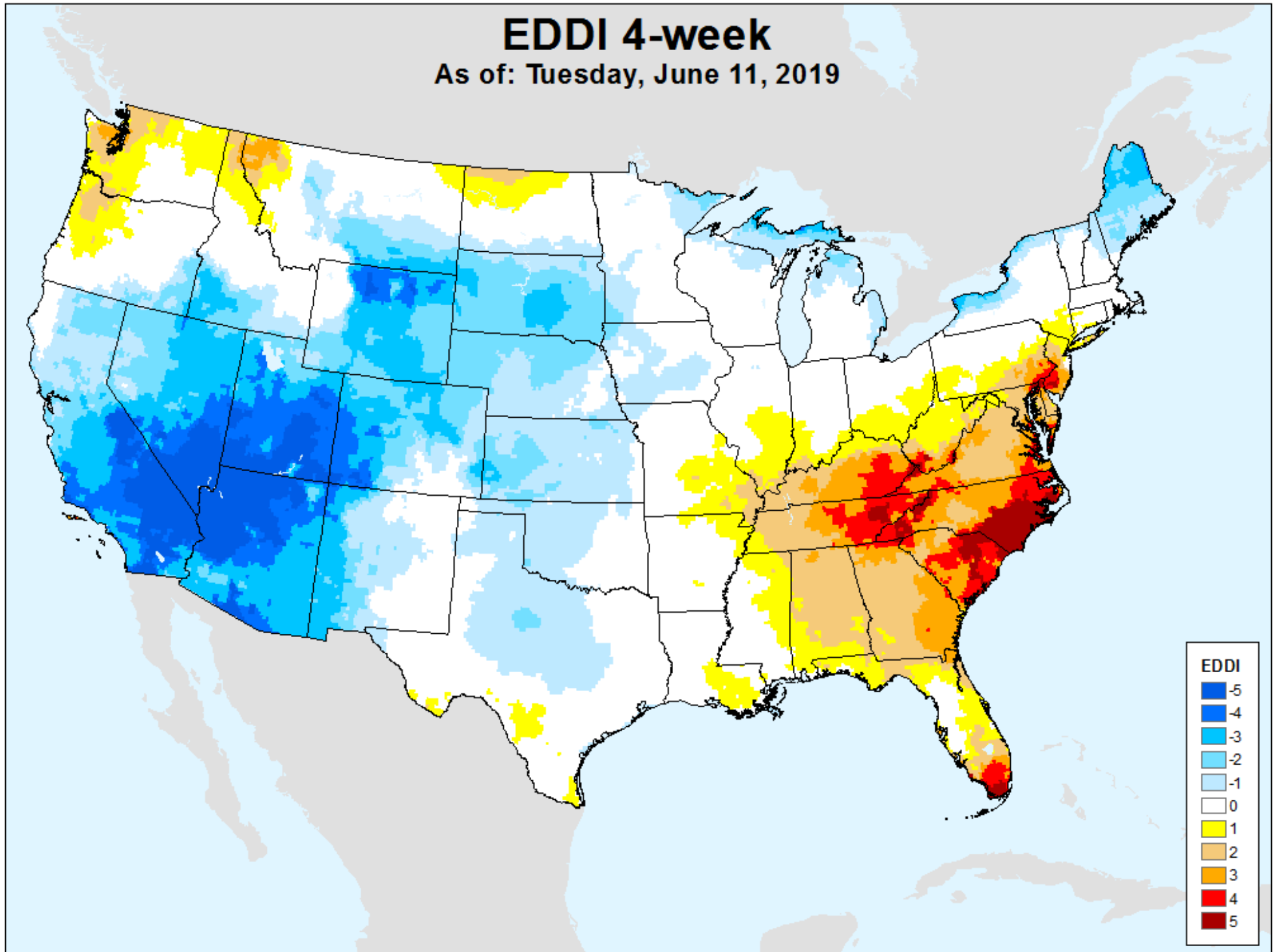
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

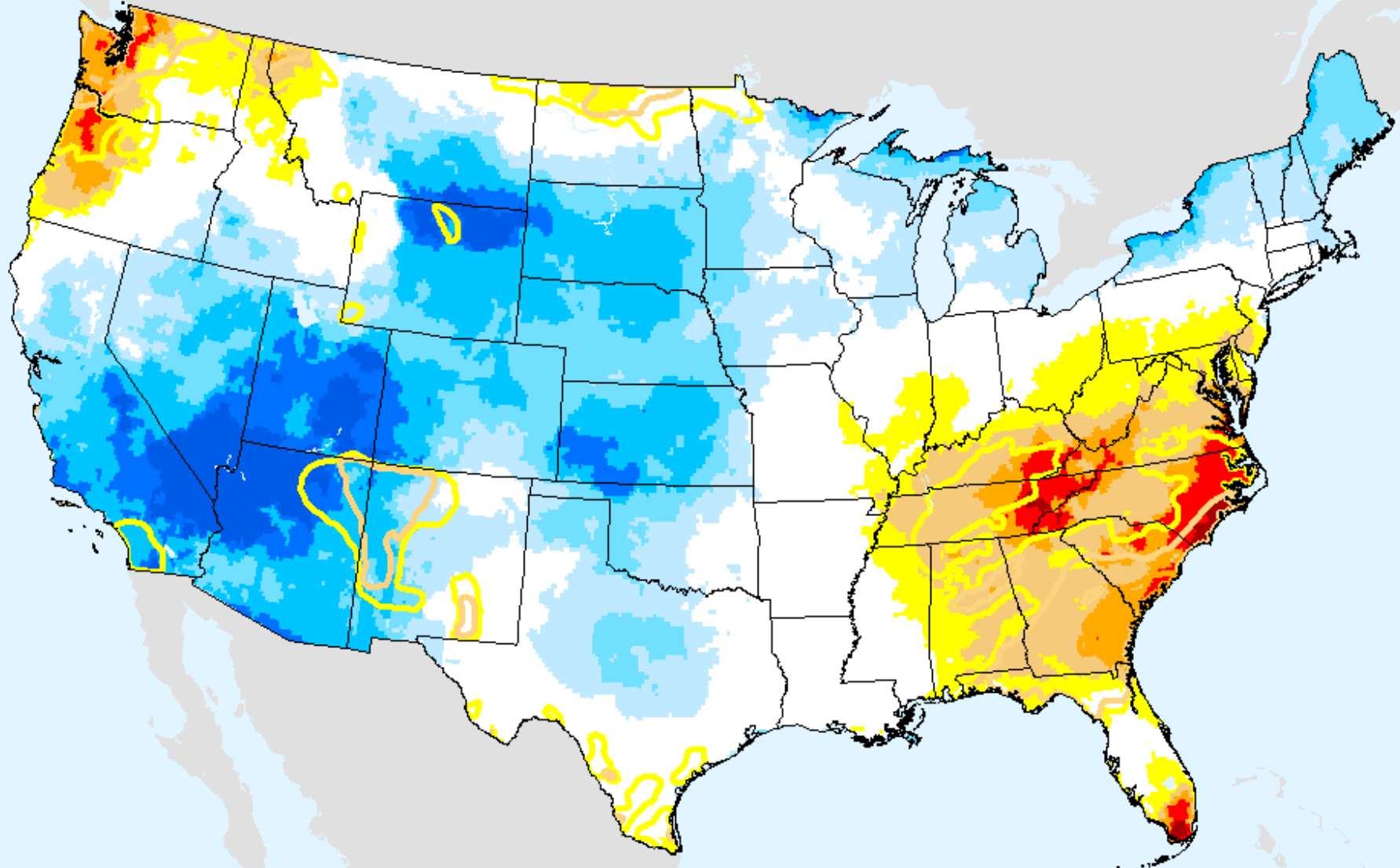
EDDI 4-week

As of: Tuesday, June 11, 2019



EDDI 5-week

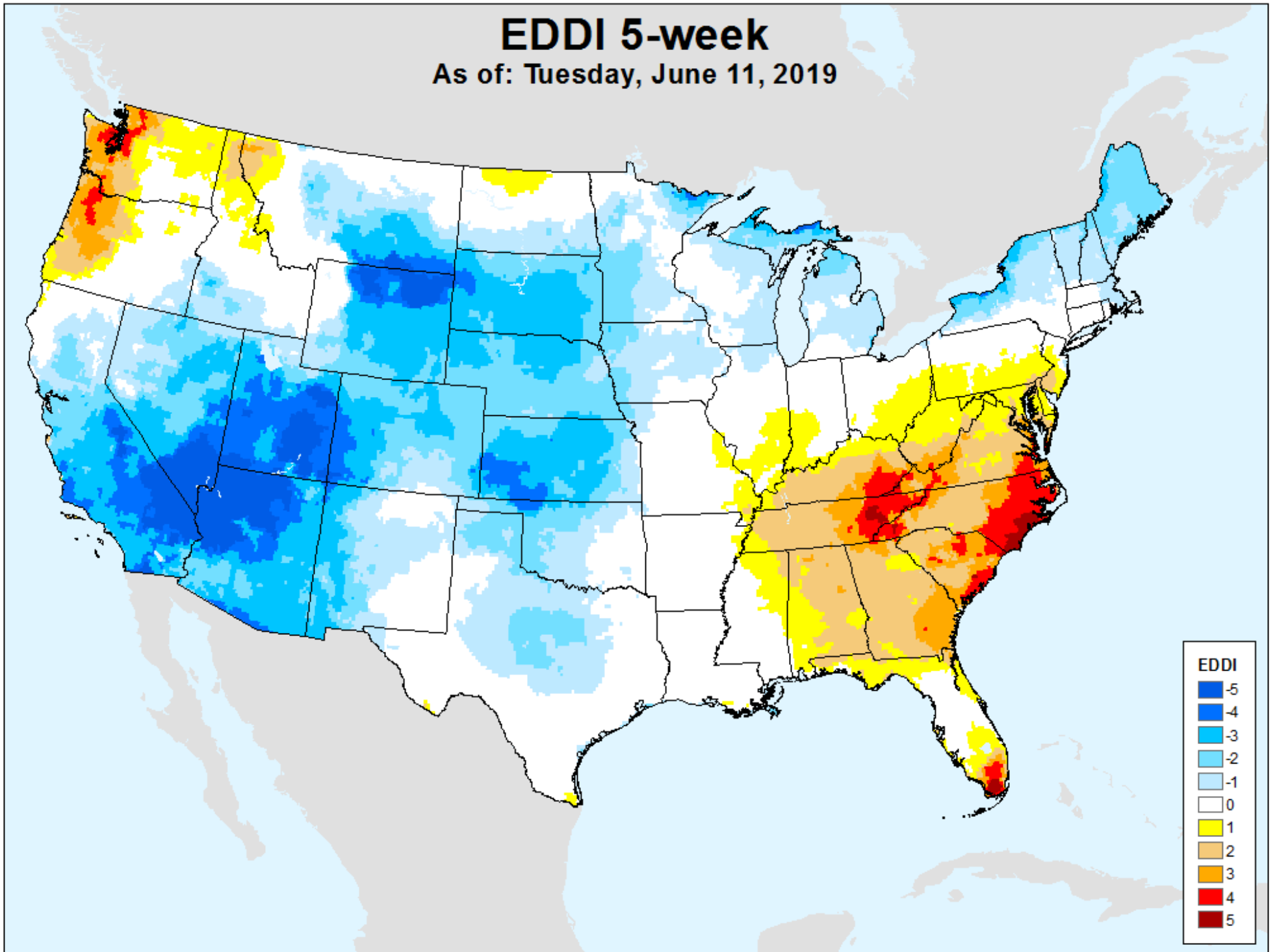
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

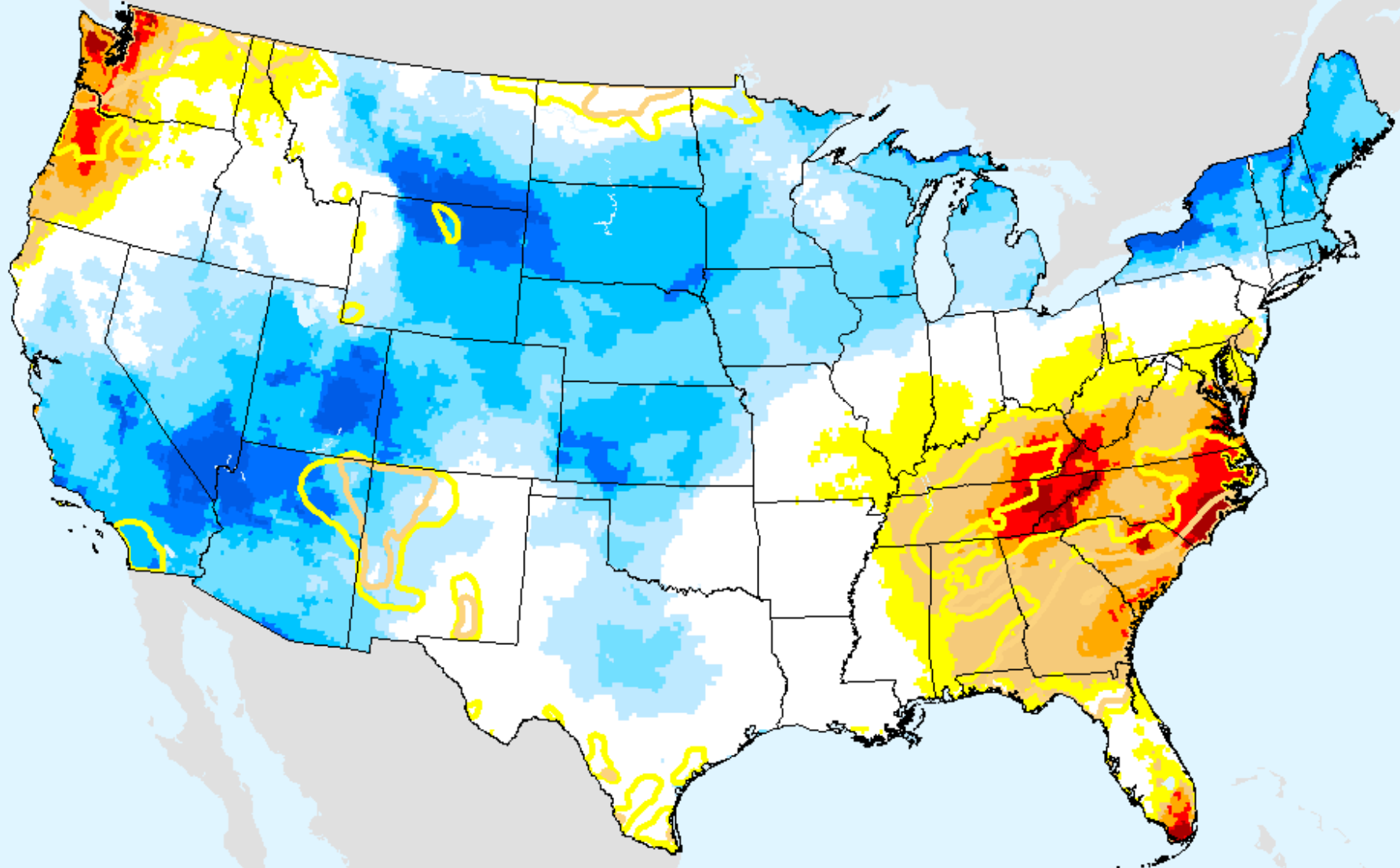
EDDI 5-week

As of: Tuesday, June 11, 2019



EDDI 6-week

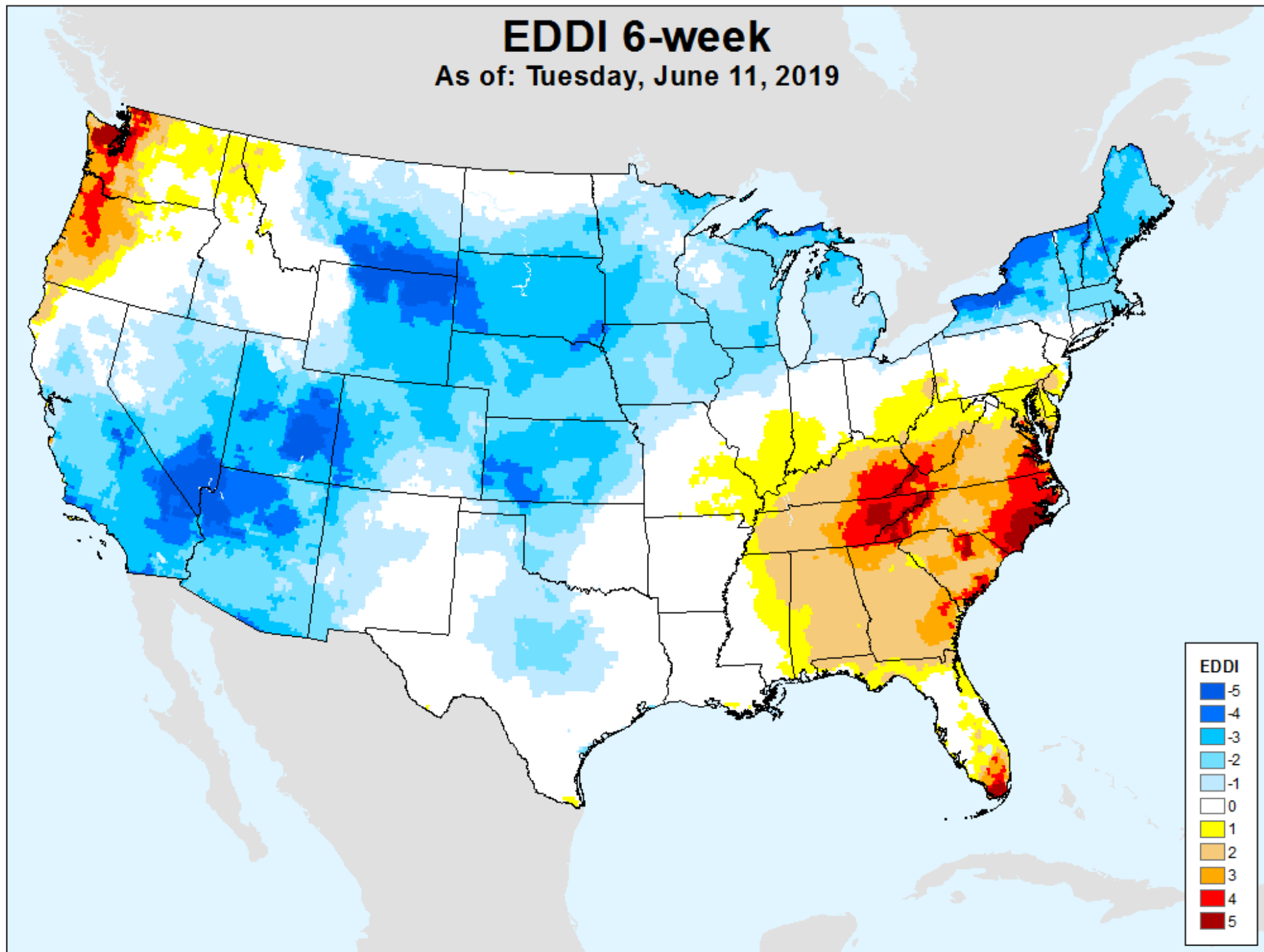
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

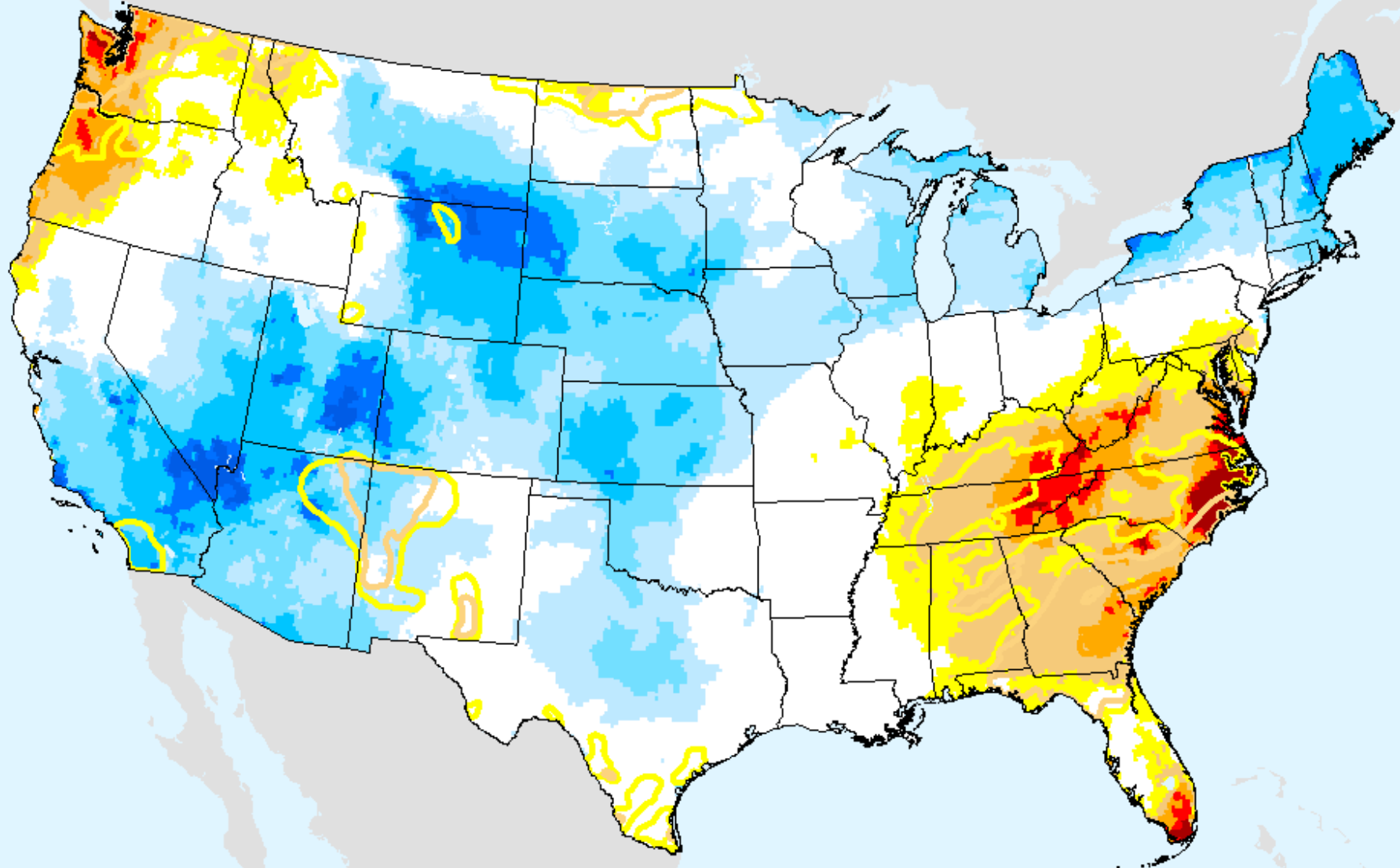
EDDI 6-week

As of: Tuesday, June 11, 2019



EDDI 7-week

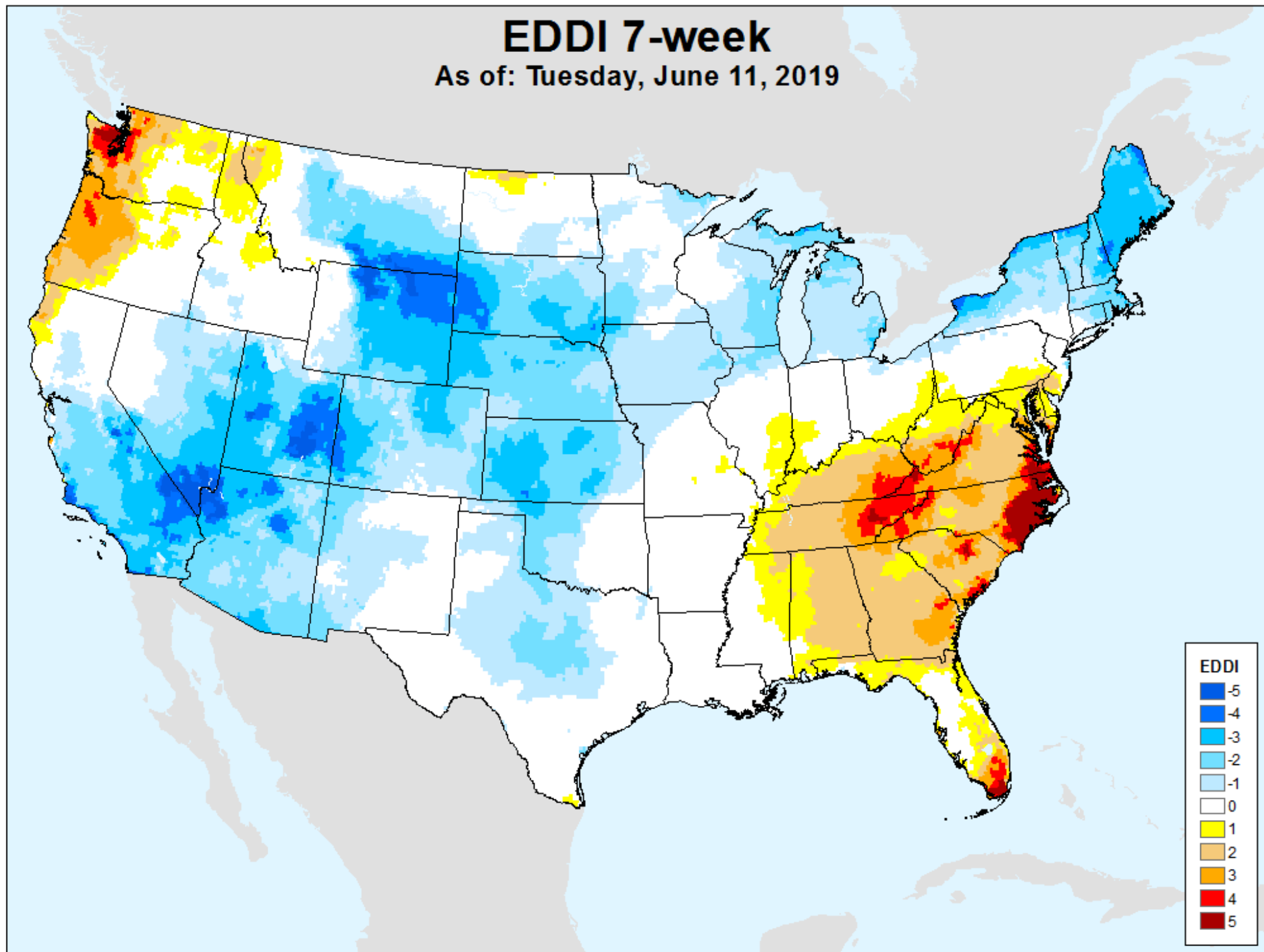
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

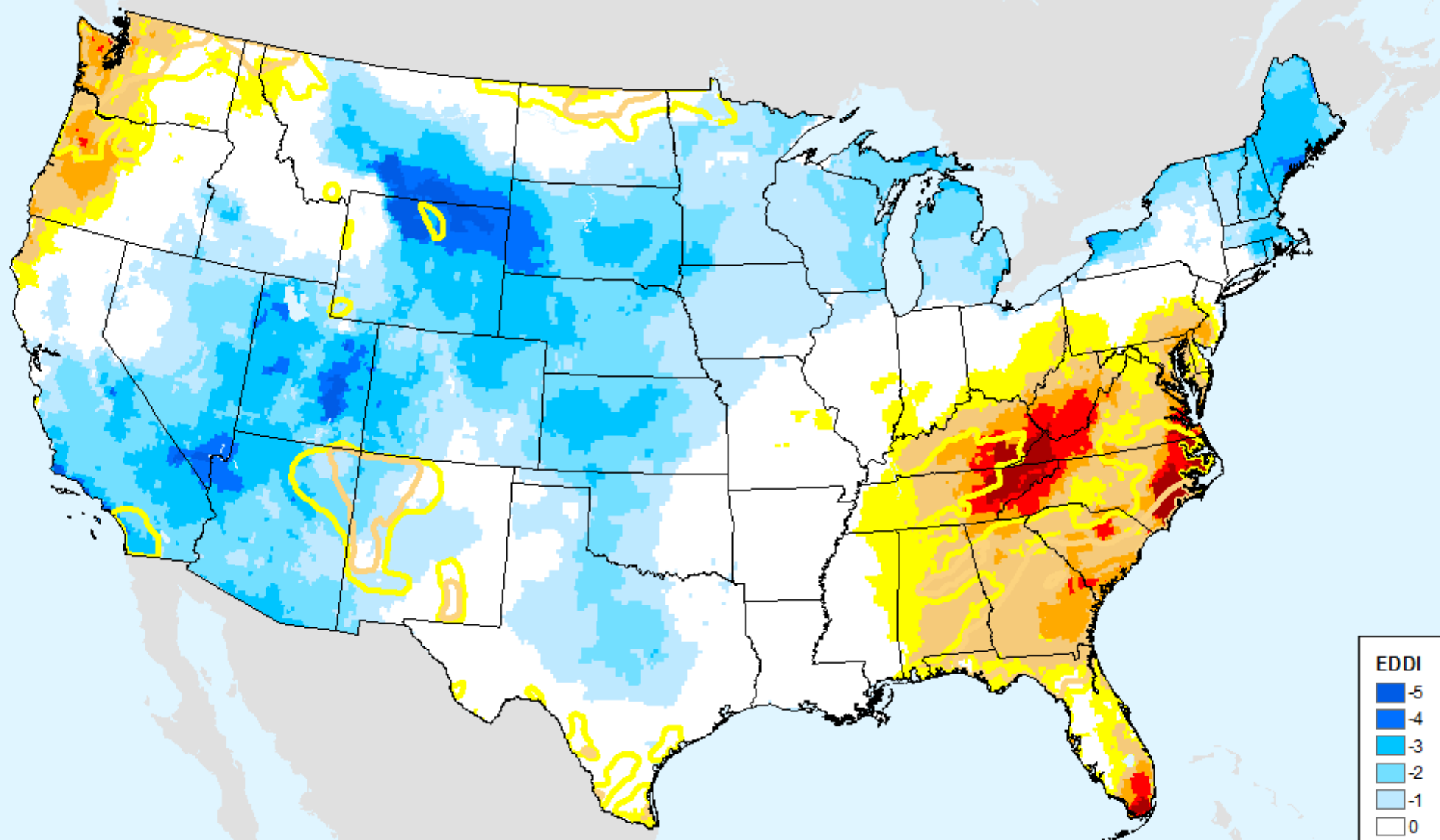
EDDI 7-week

As of: Tuesday, June 11, 2019

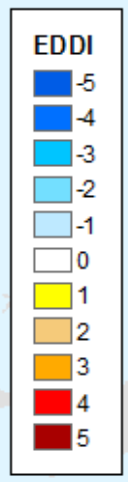


EDDI 8-week

As of: Tuesday, June 11, 2019

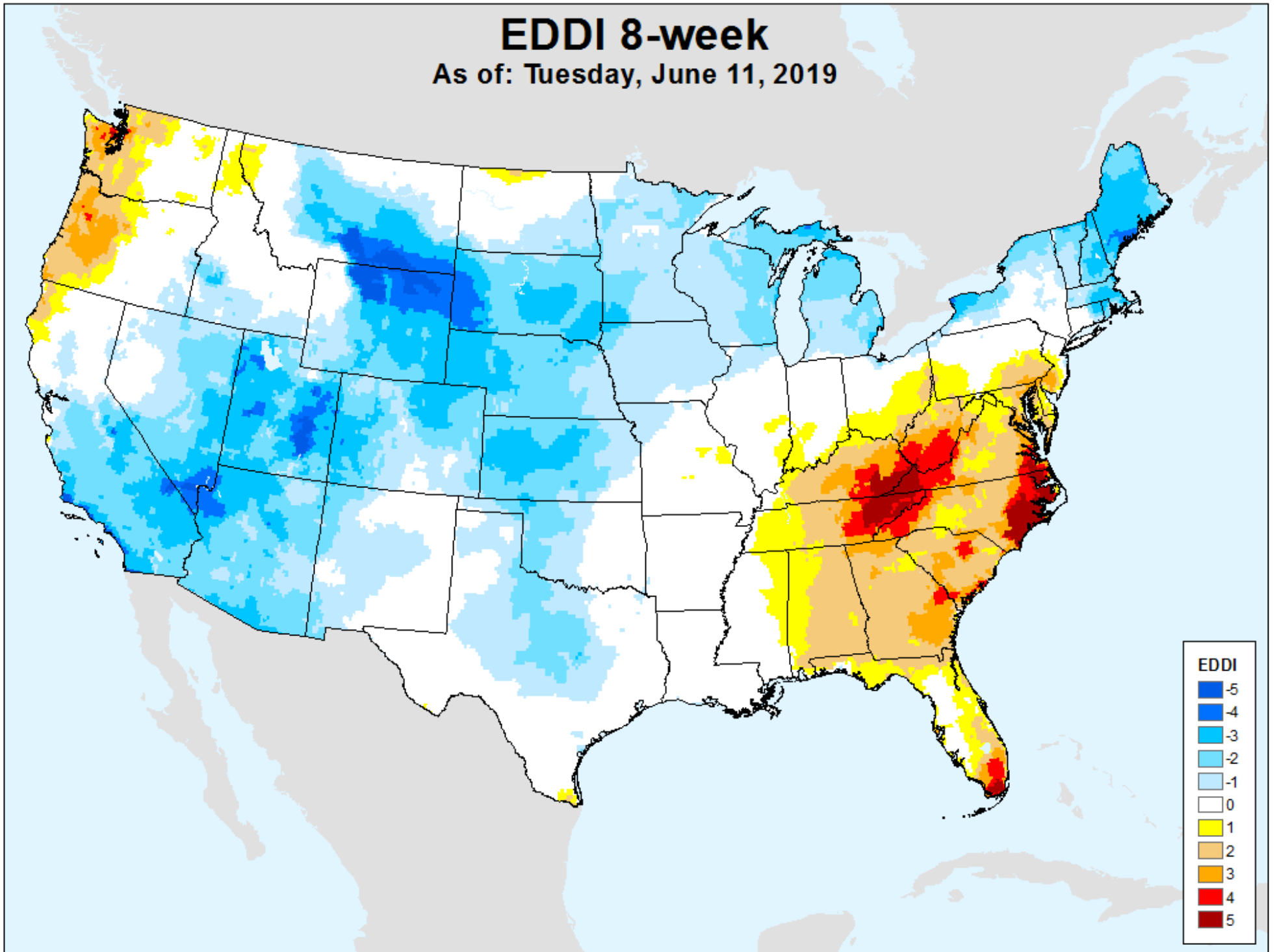


USDM for: Jun. 4, 2019



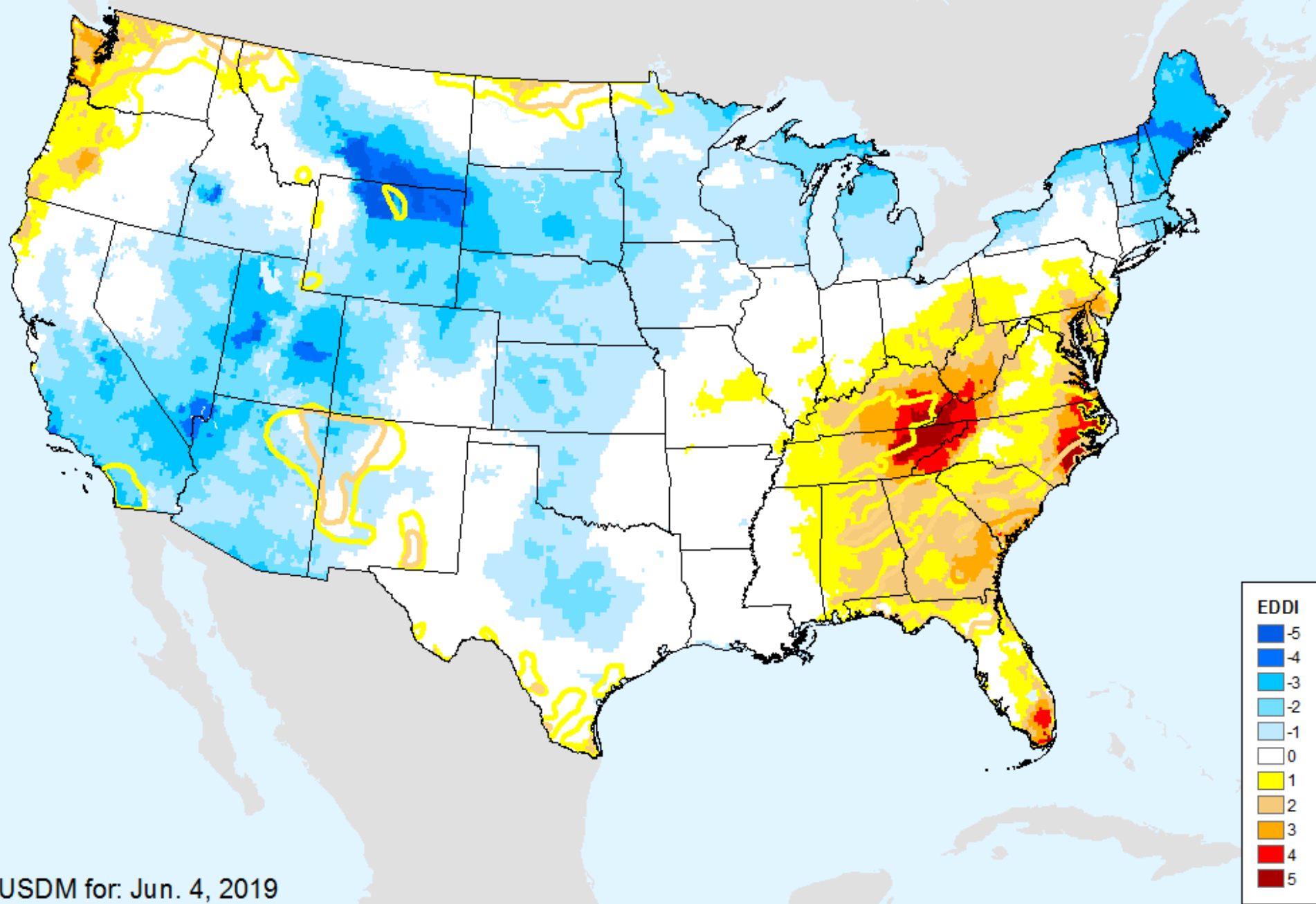
EDDI 8-week

As of: Tuesday, June 11, 2019



EDDI 9-week

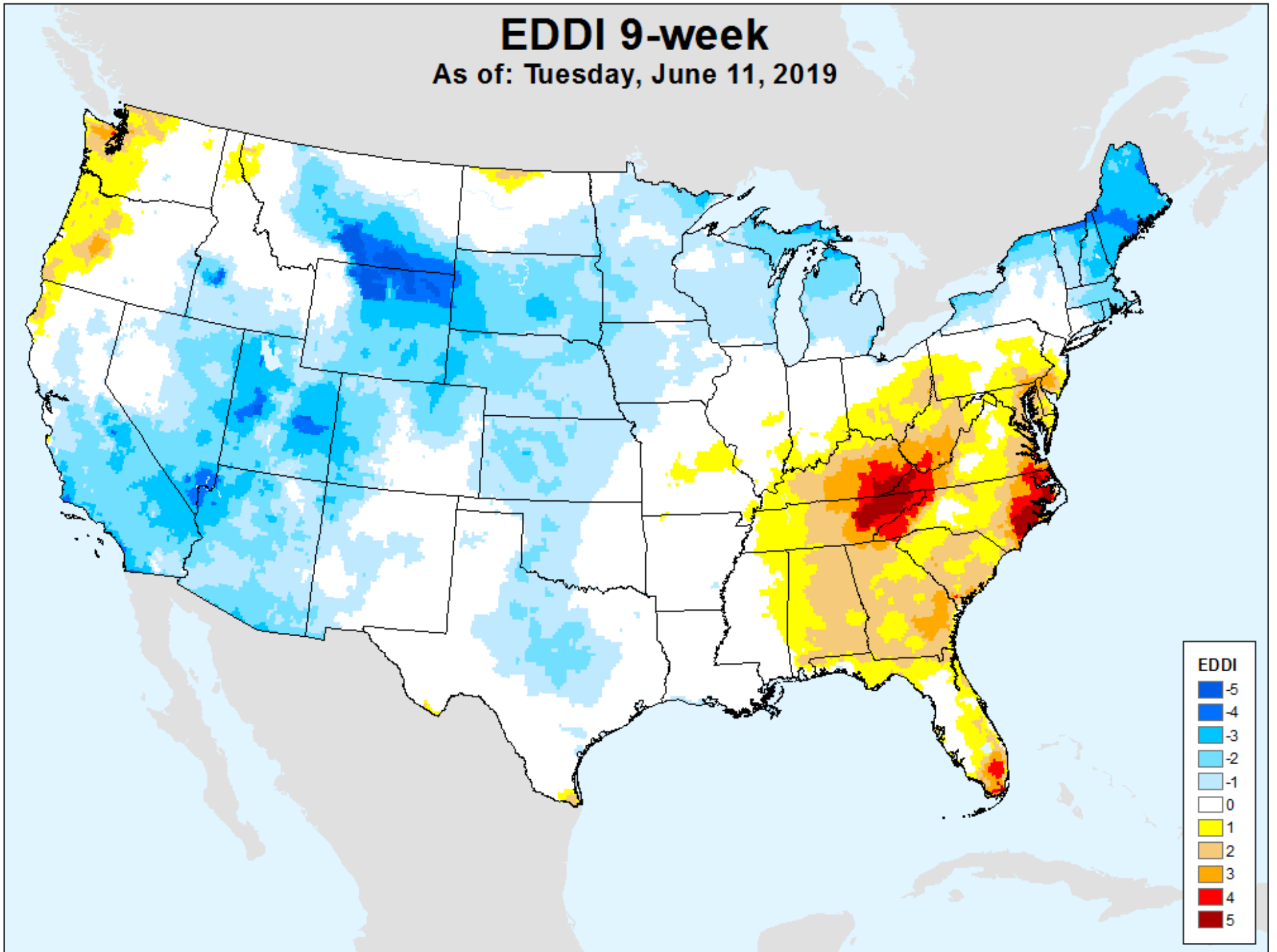
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

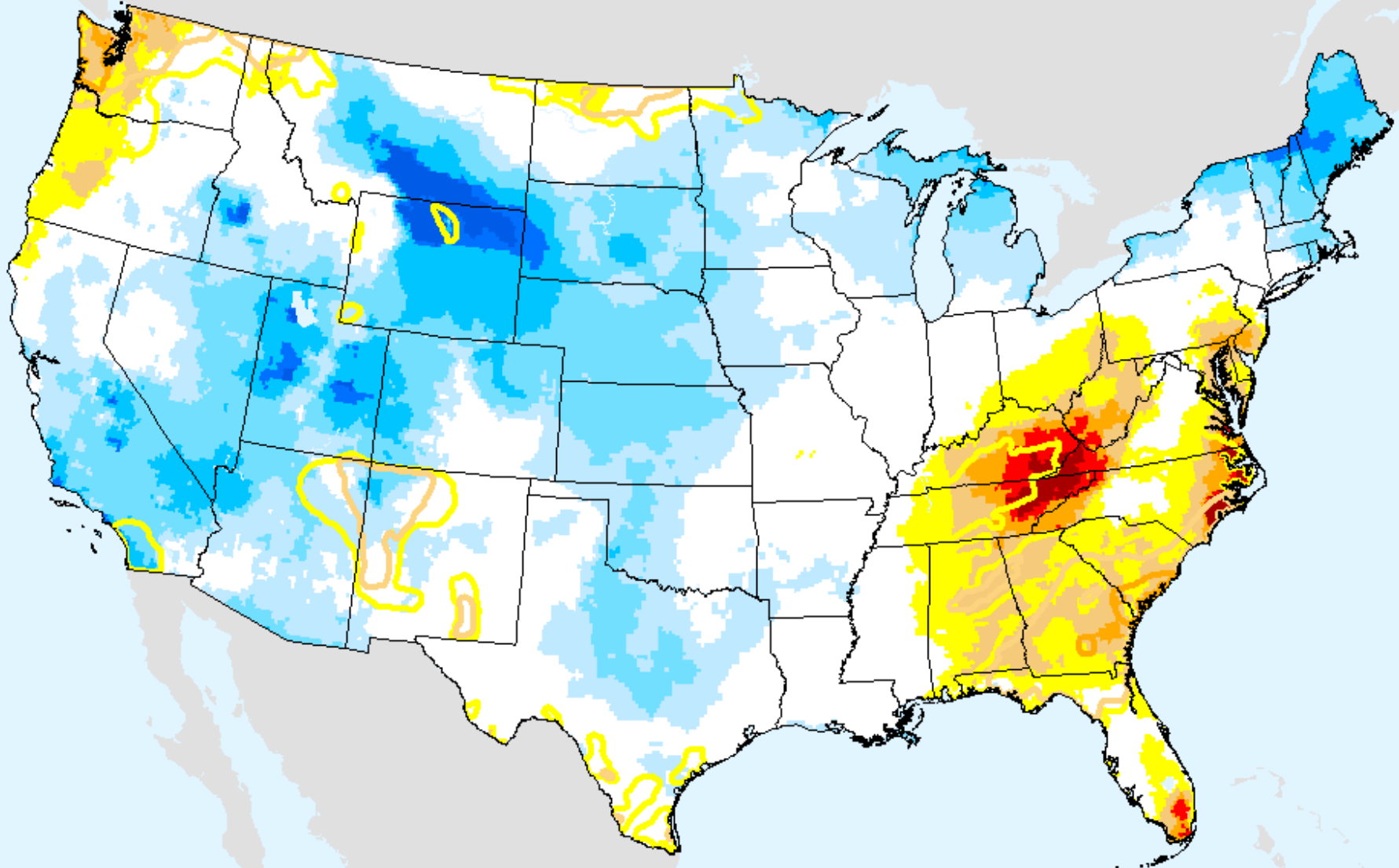
EDDI 9-week

As of: Tuesday, June 11, 2019



EDDI 10-week

As of: Tuesday, June 11, 2019

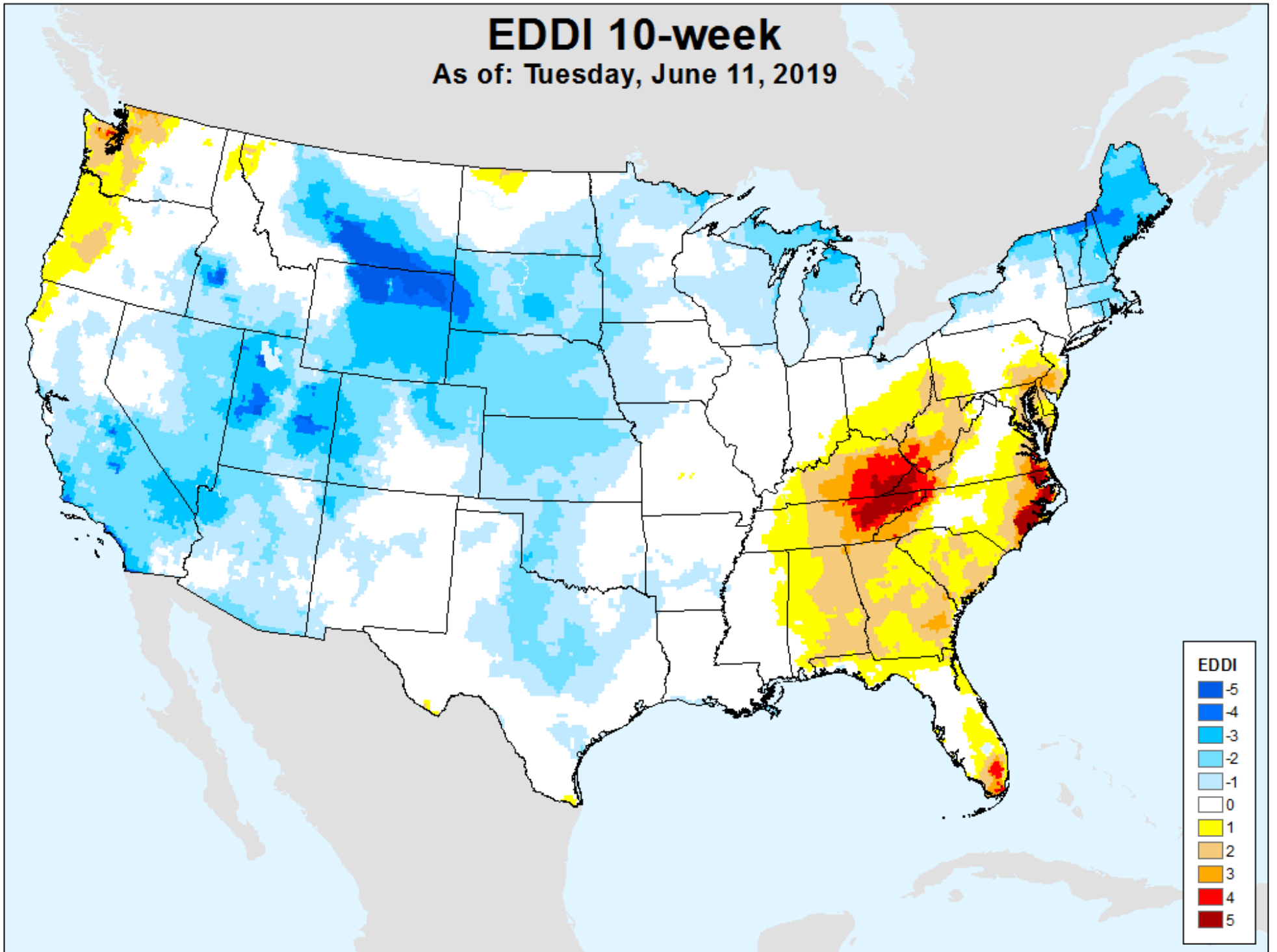


| EDDI | |
|-----------------|----|
| Dark Blue | -5 |
| Blue | -4 |
| Light Blue | -3 |
| Very Light Blue | -2 |
| White | 0 |
| Yellow | 1 |
| Light Orange | 2 |
| Orange | 3 |
| Dark Orange | 4 |
| Red | 5 |

USDM for: Jun. 4, 2019

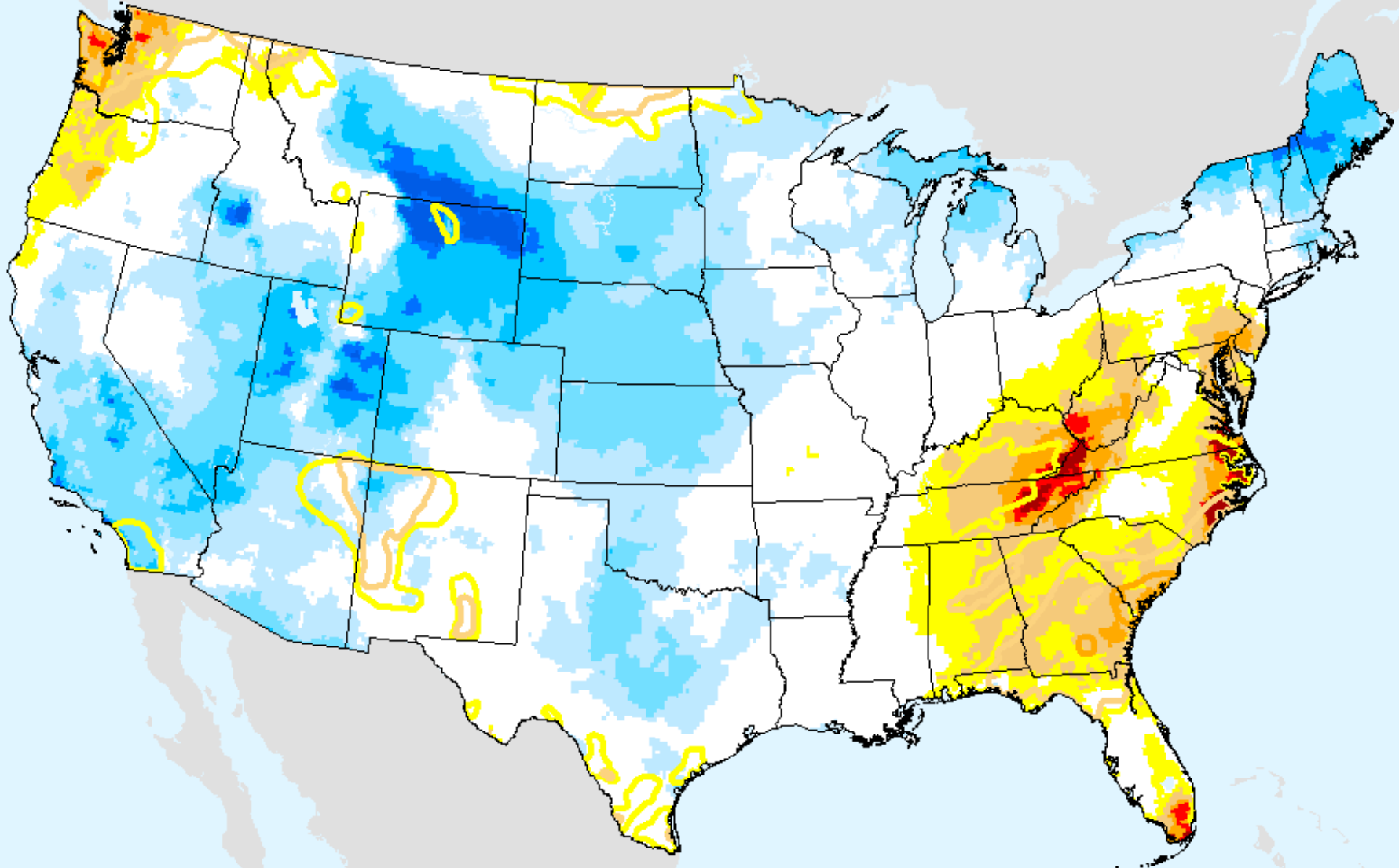
EDDI 10-week

As of: Tuesday, June 11, 2019



EDDI 11-week

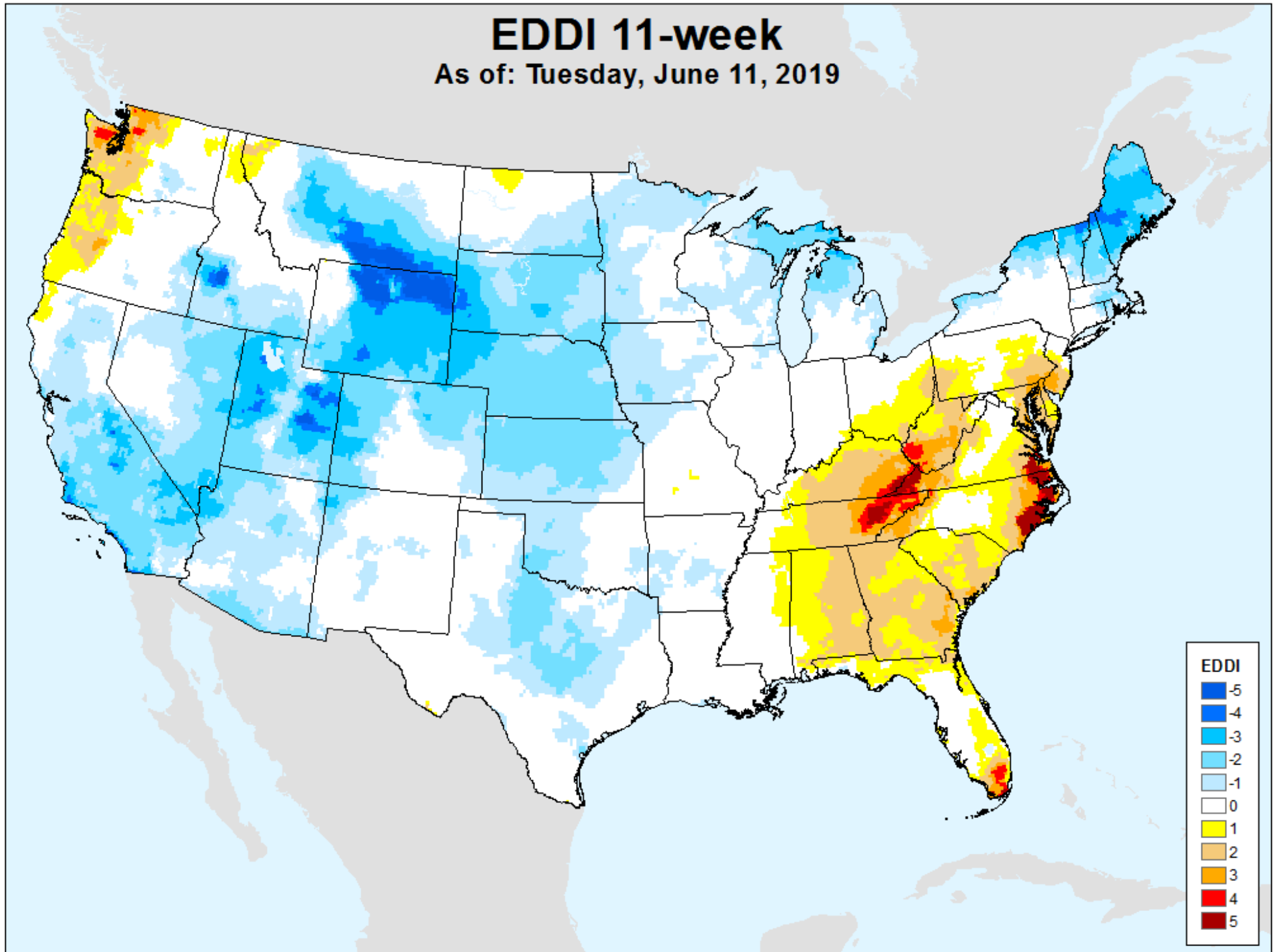
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

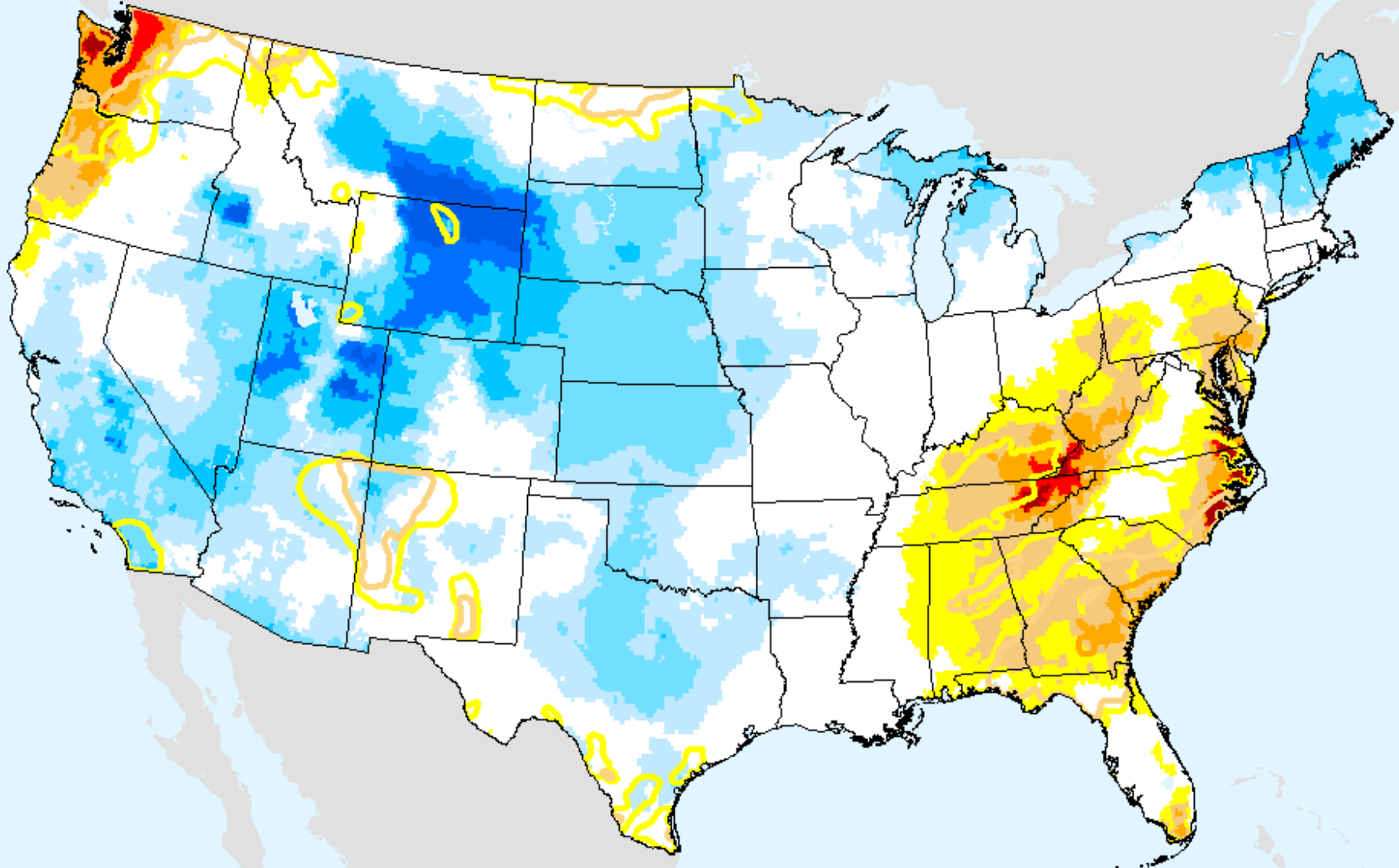
EDDI 11-week

As of: Tuesday, June 11, 2019



EDDI 12-week

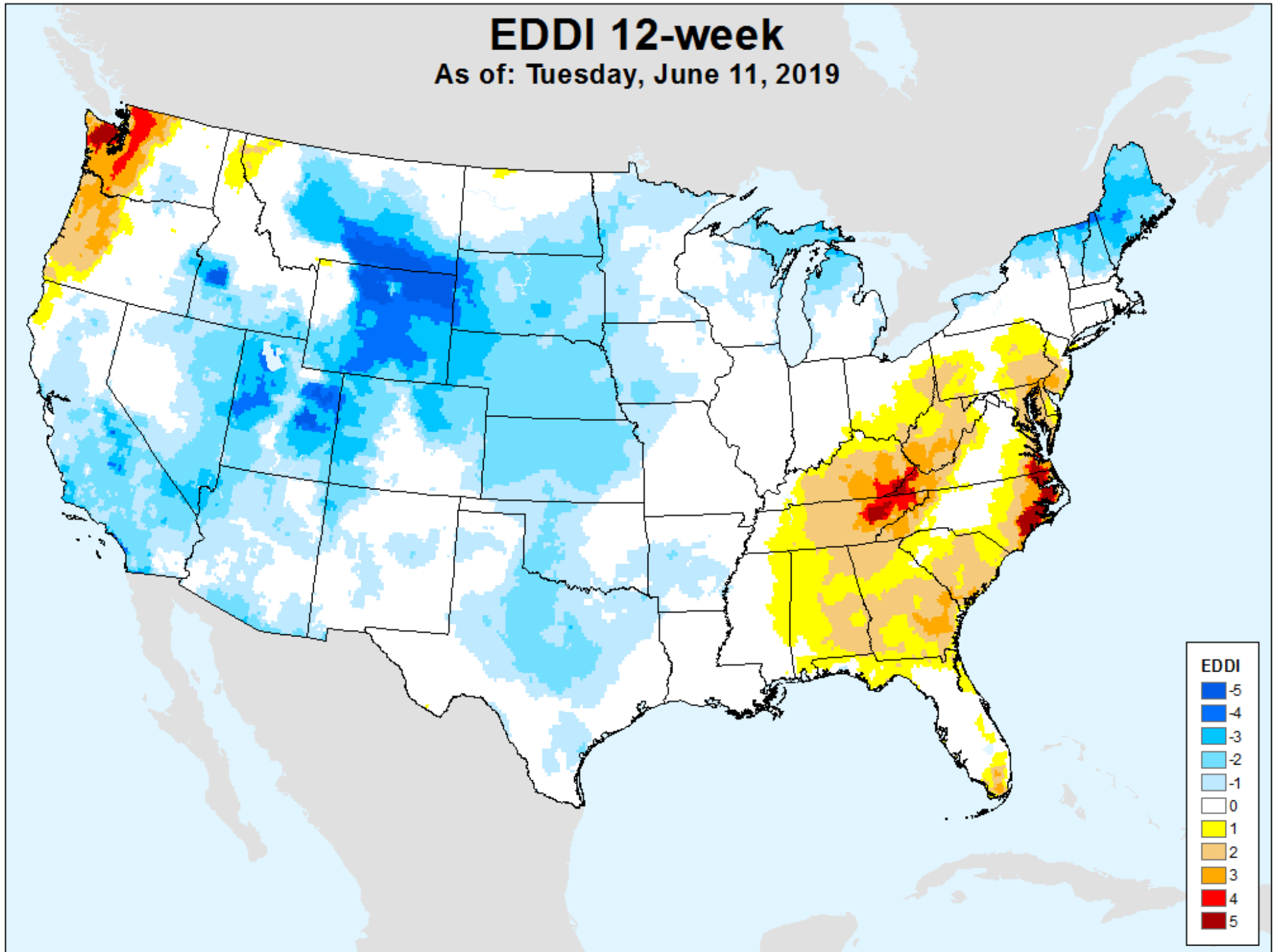
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

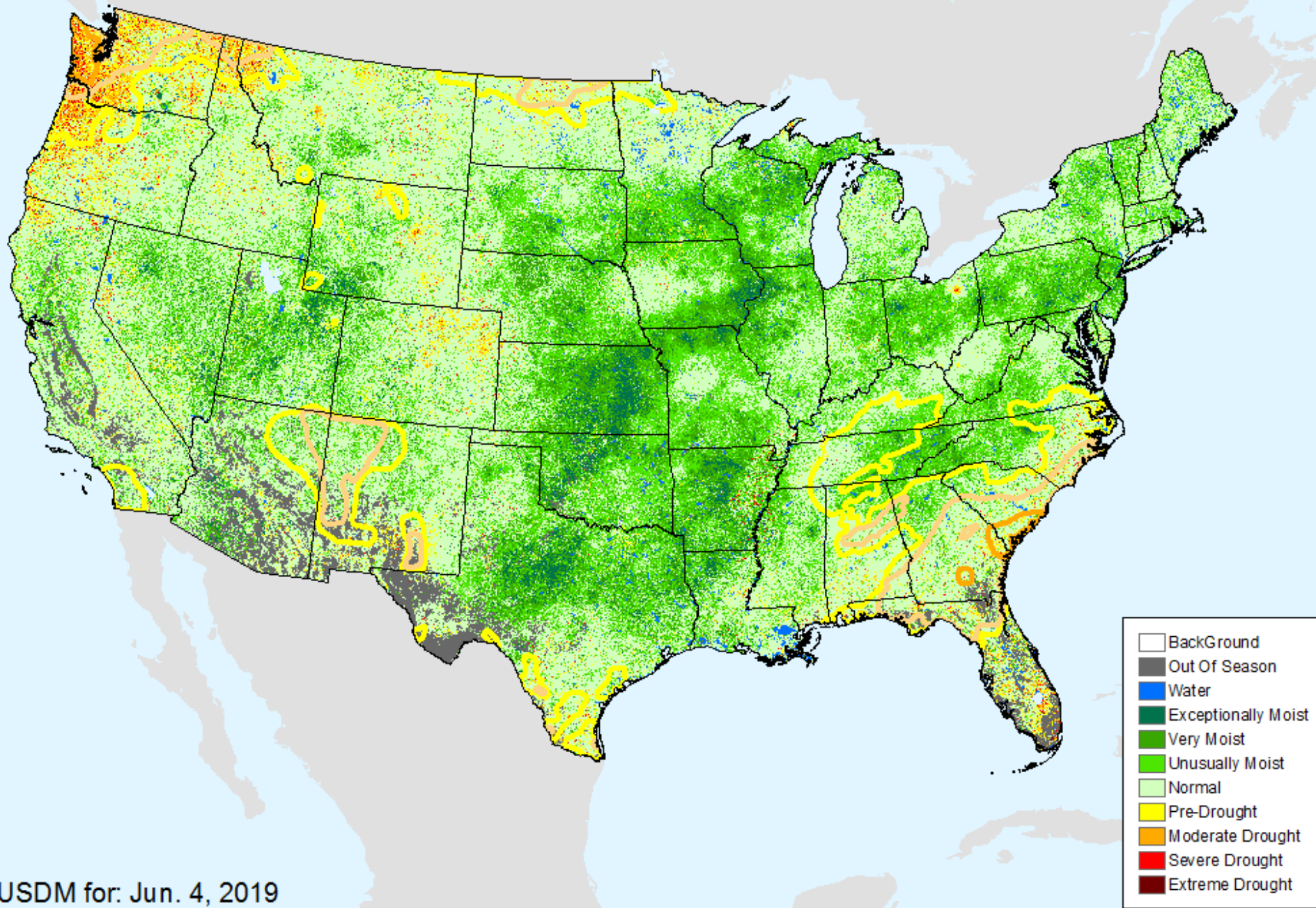
EDDI 12-week

As of: Tuesday, June 11, 2019



Vegetation Drought Response Index (VegDRI)

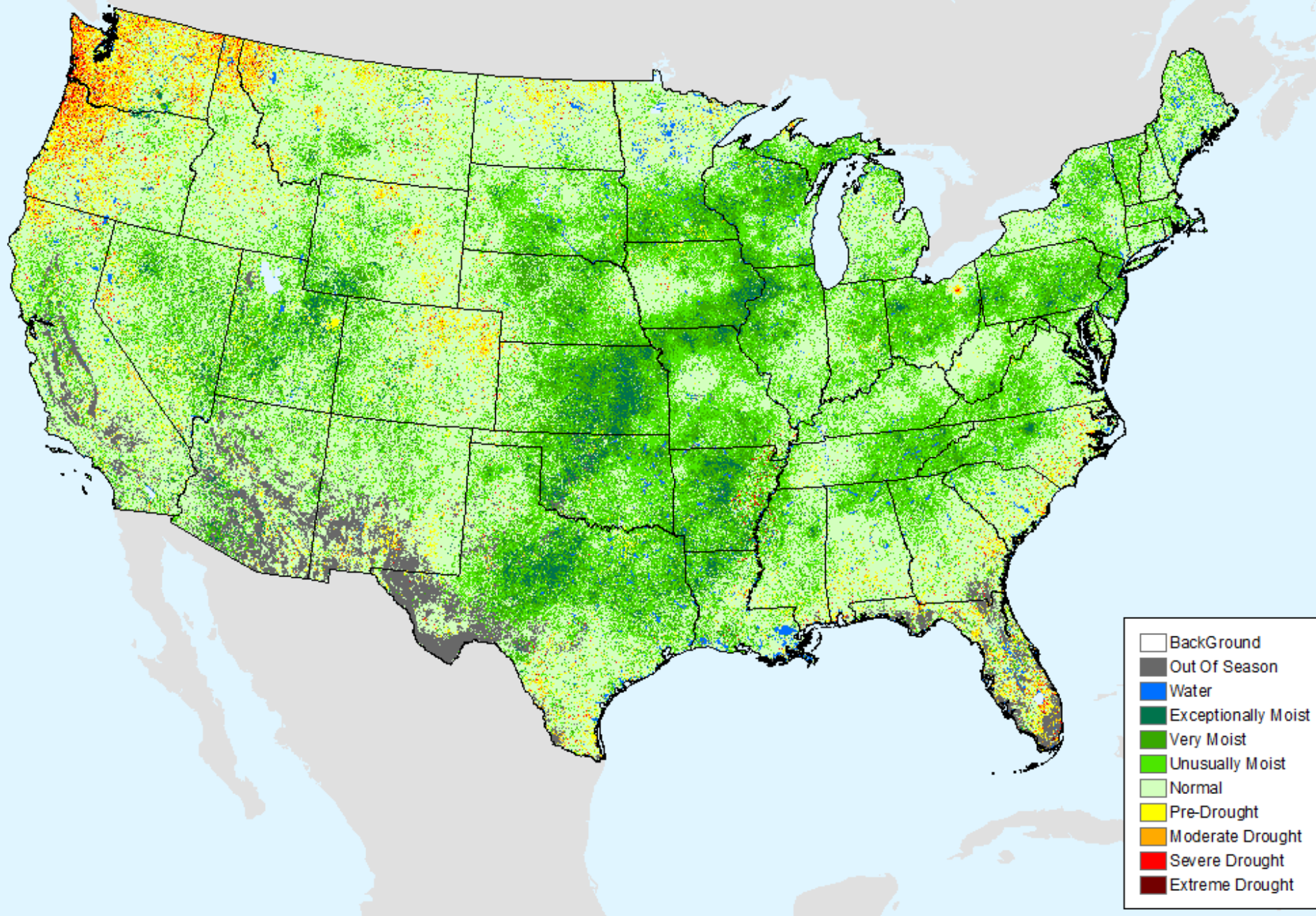
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

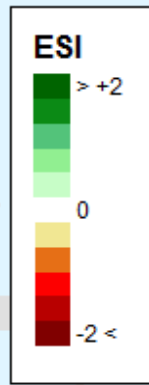
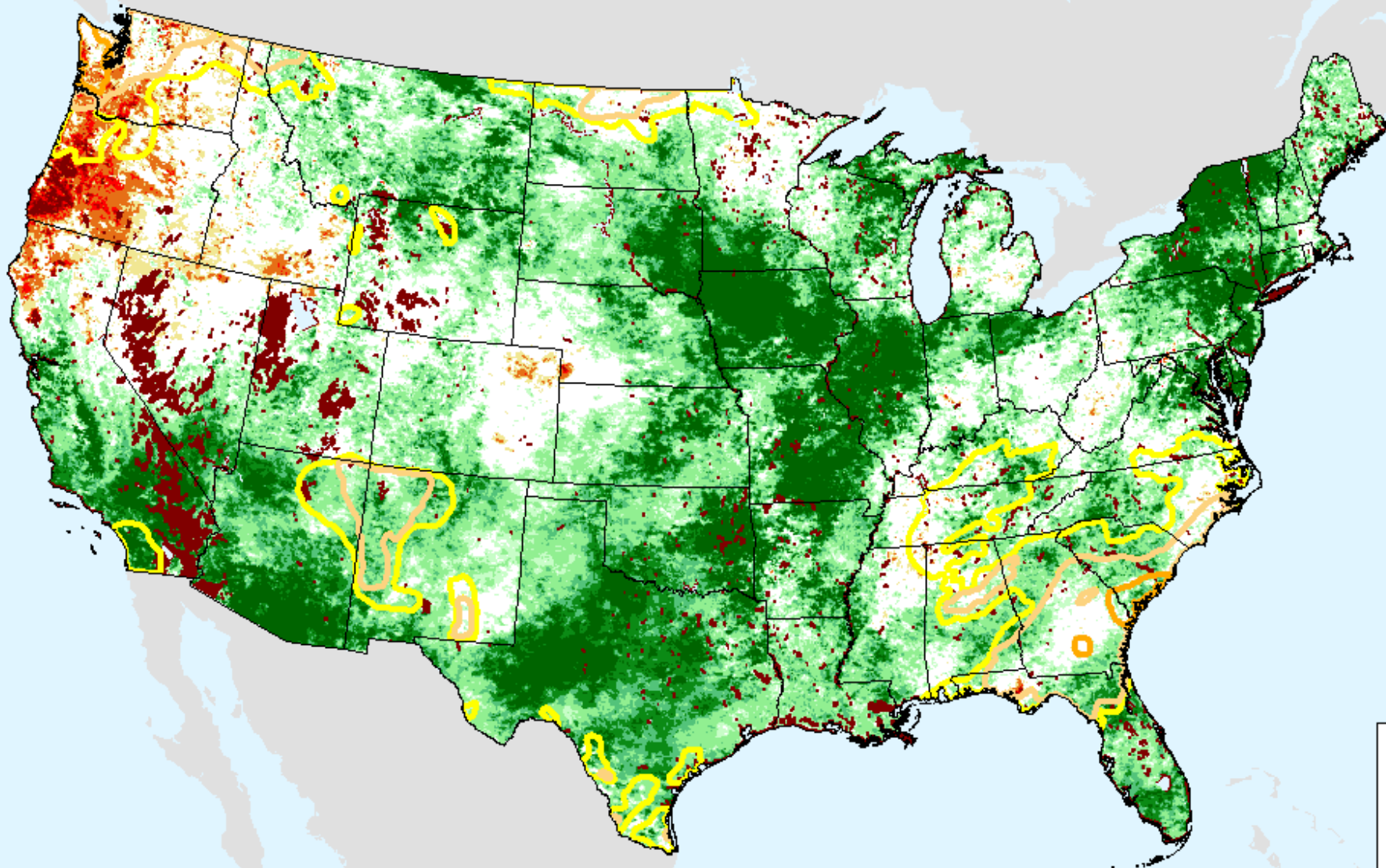
Vegetation Drought Response Index (VegDRI)

As of: Tuesday, June 11, 2019



Evaporative Stress Index (ESI) 4-week

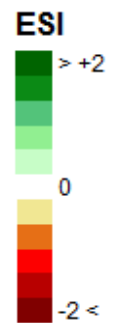
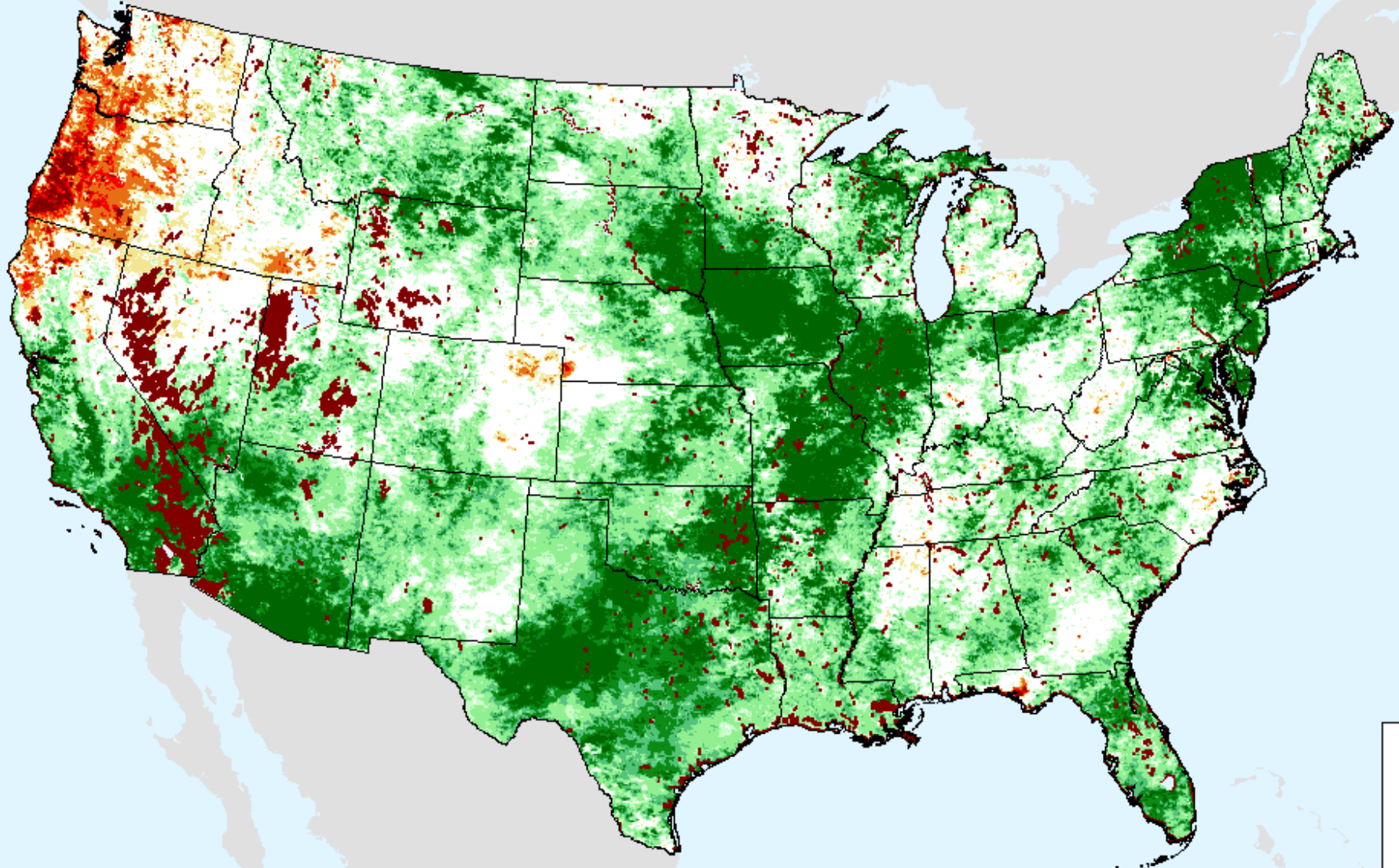
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

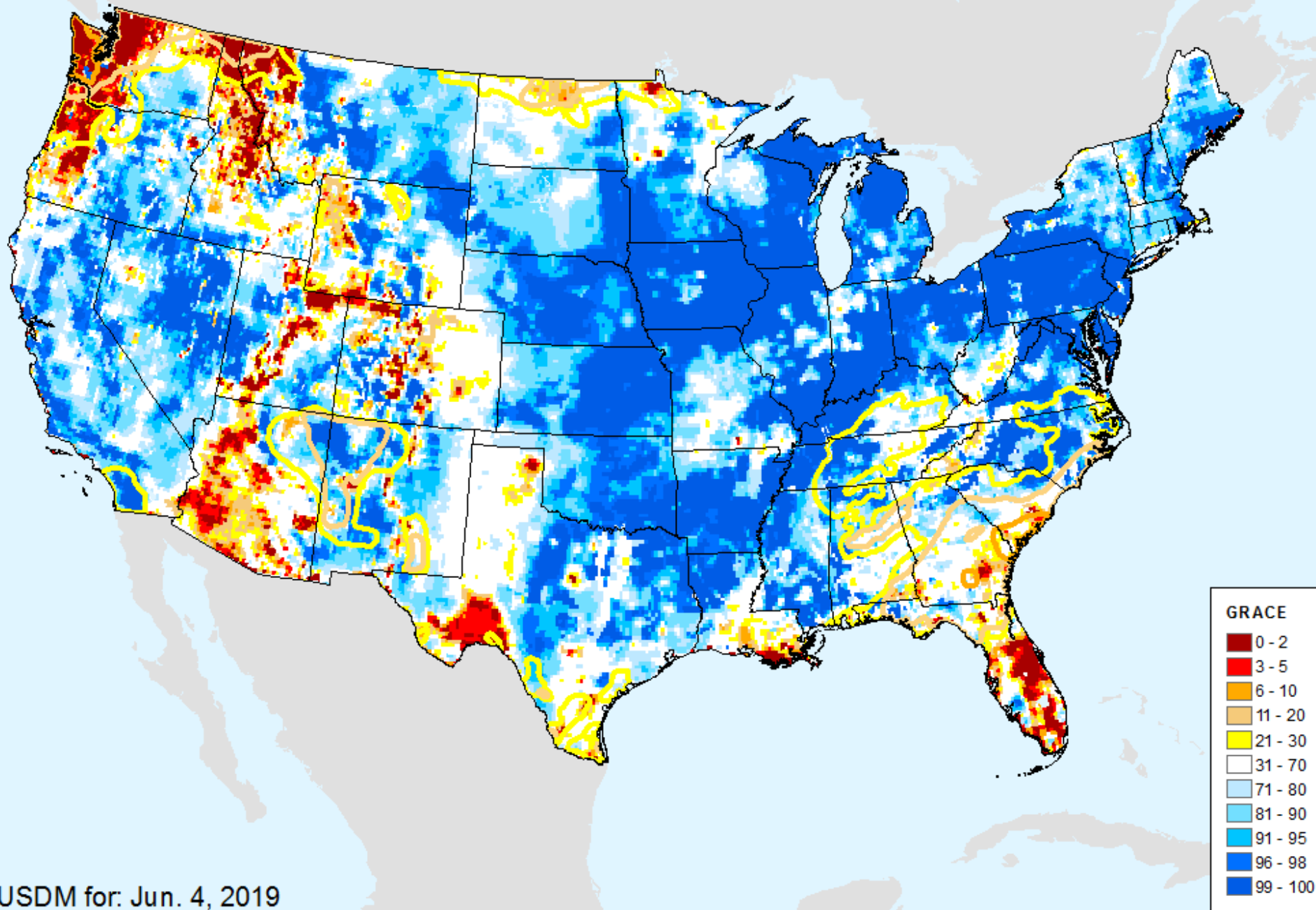
Evaporative Stress Index (ESI) 4-week

As of: Tuesday, June 11, 2019



GRACE-Based Shallow Groundwater Drought Indicator

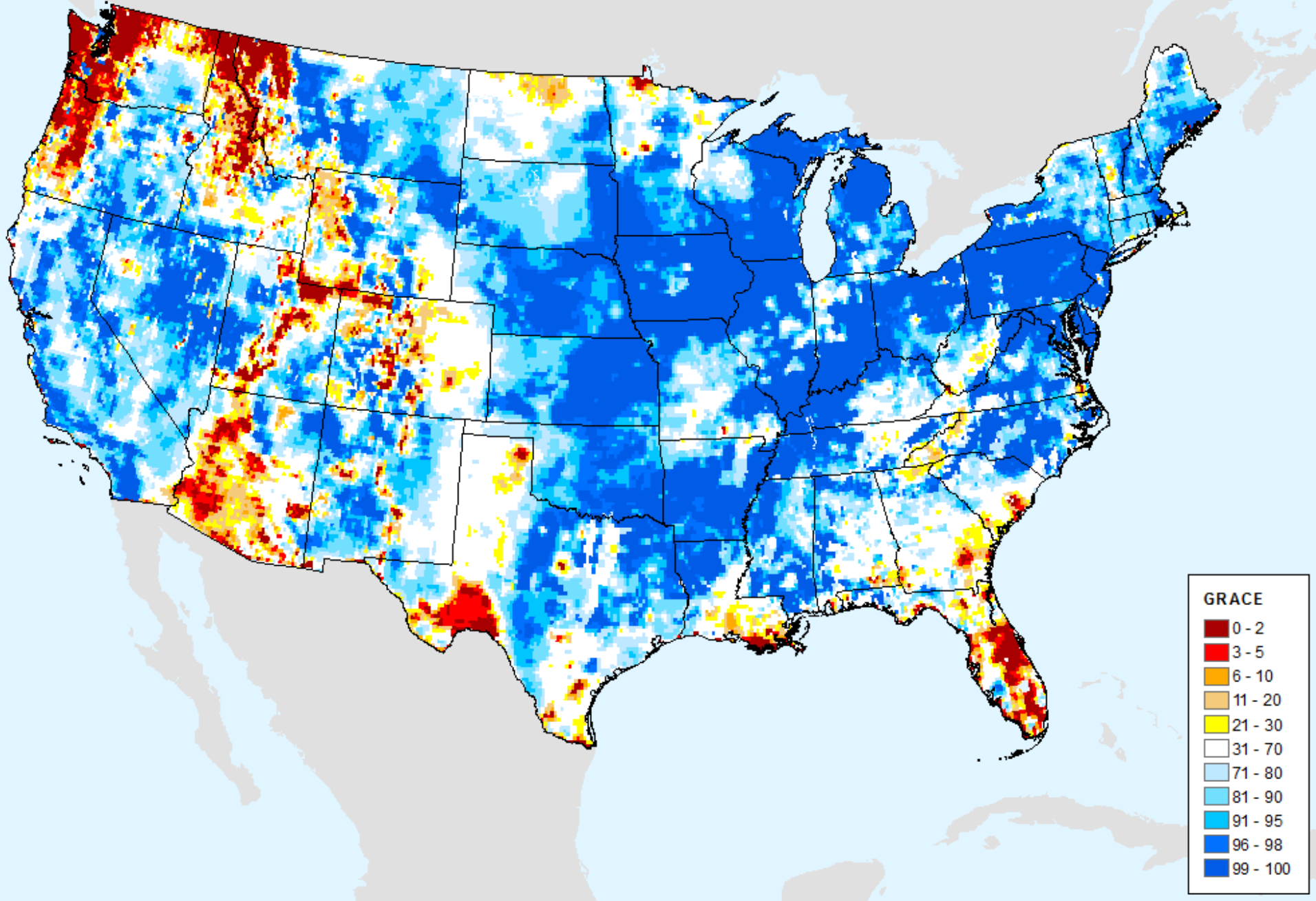
As of: Tuesday, June 11, 2019



USDM for: Jun. 4, 2019

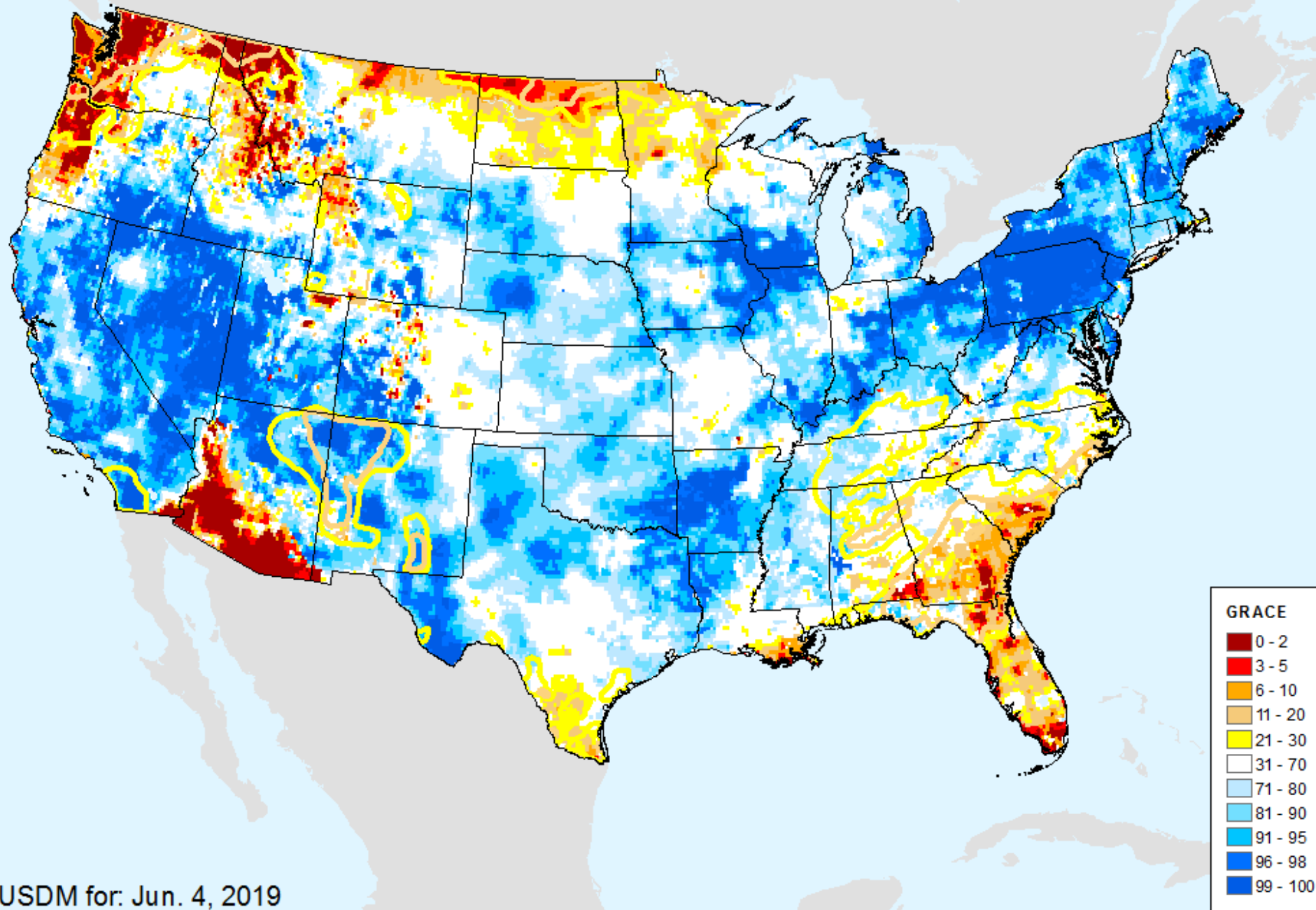
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, June 11, 2019



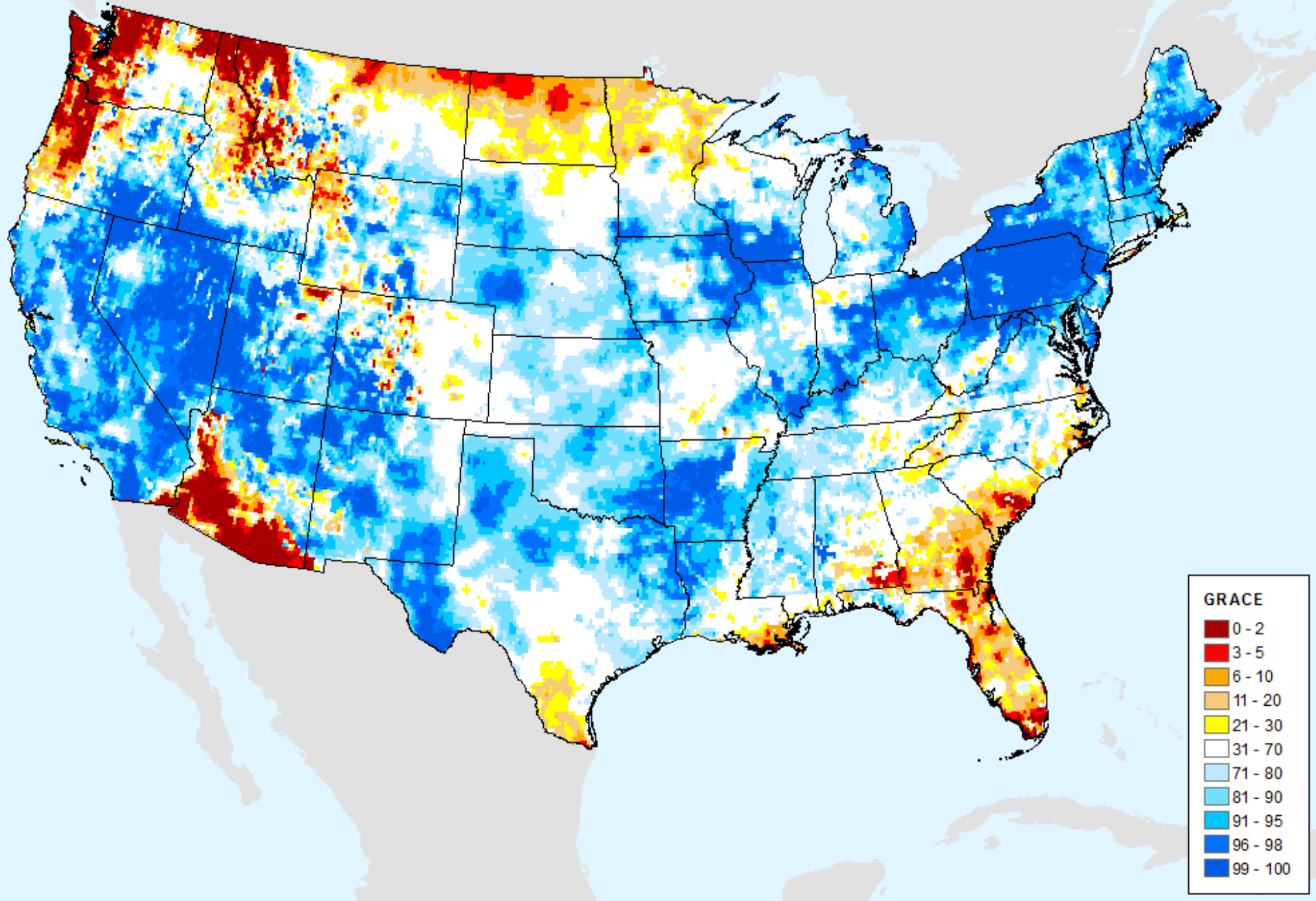
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, June 11, 2019



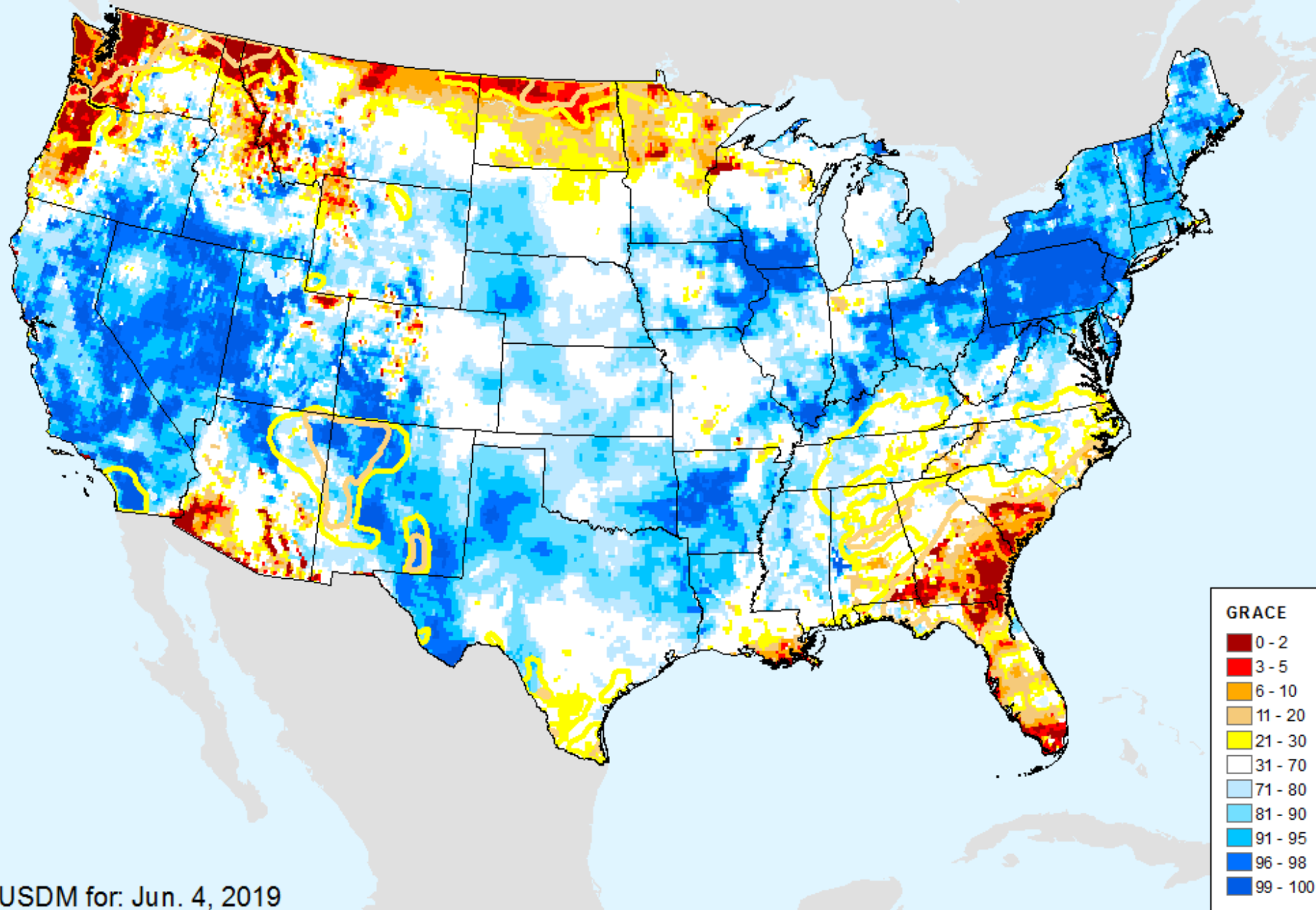
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, June 11, 2019



GRACE-Based Surface Soil Moisture Drought Indicator

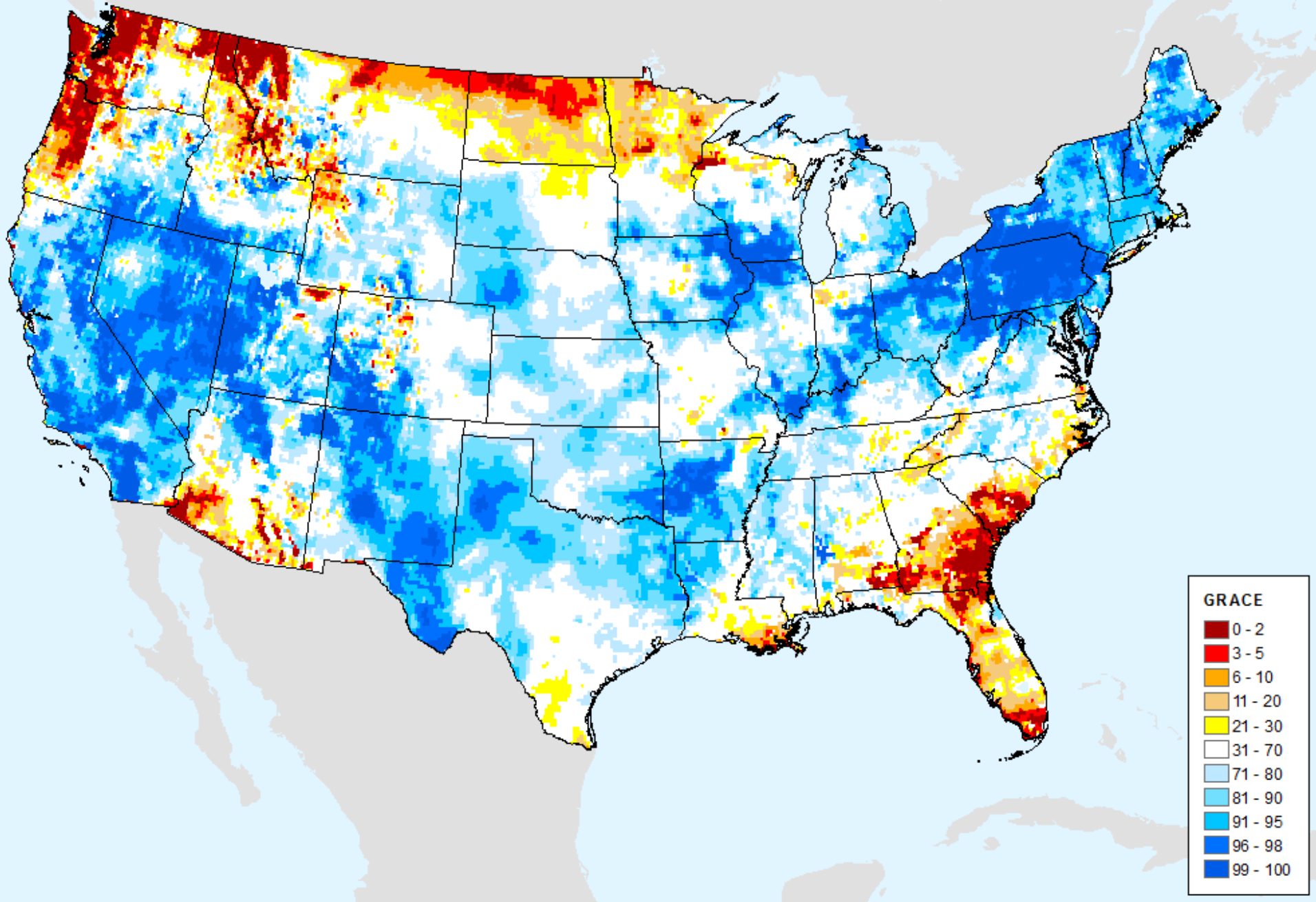
As of: Tuesday, June 11, 2019



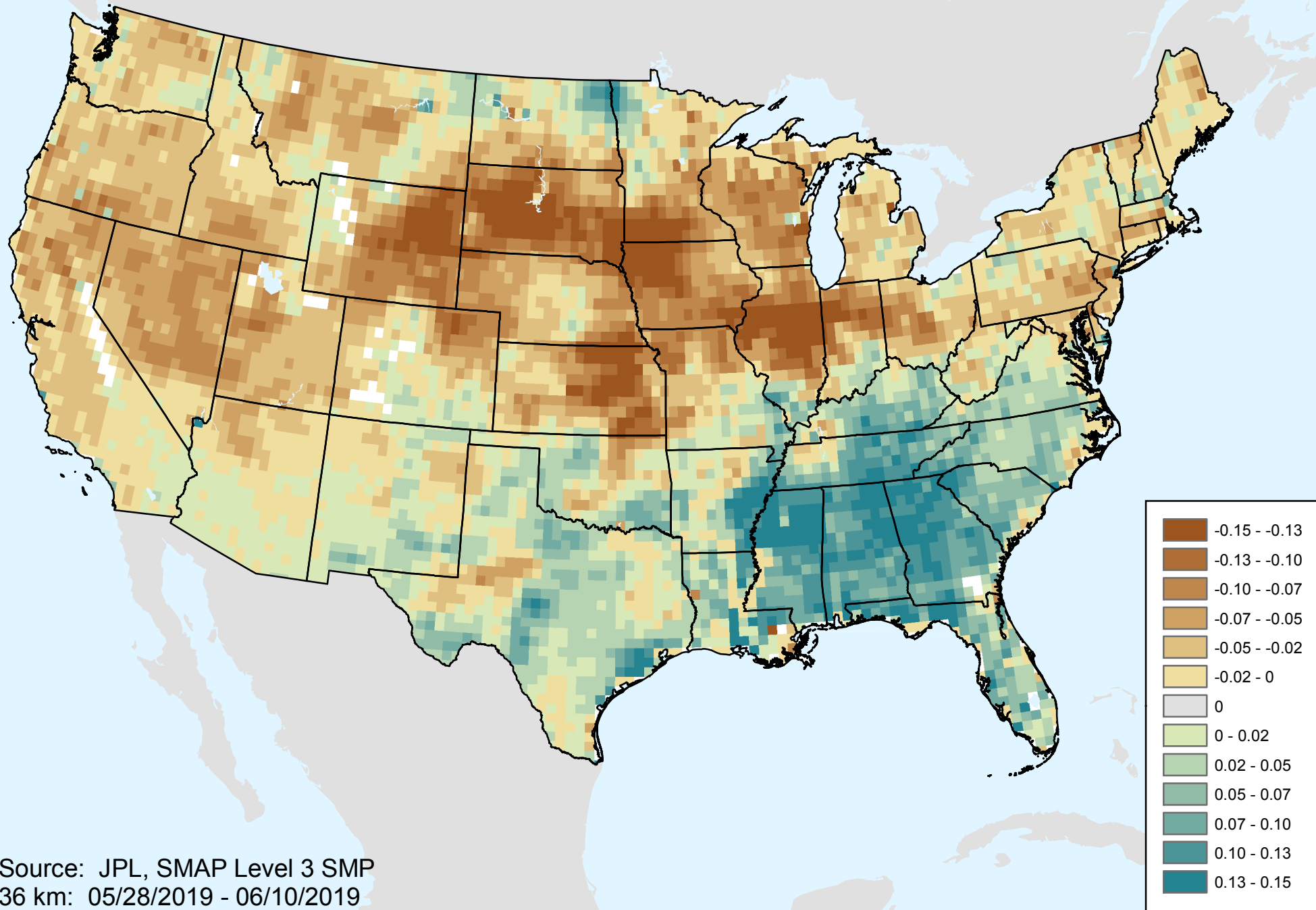
USDM for: Jun. 4, 2019

GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, June 11, 2019

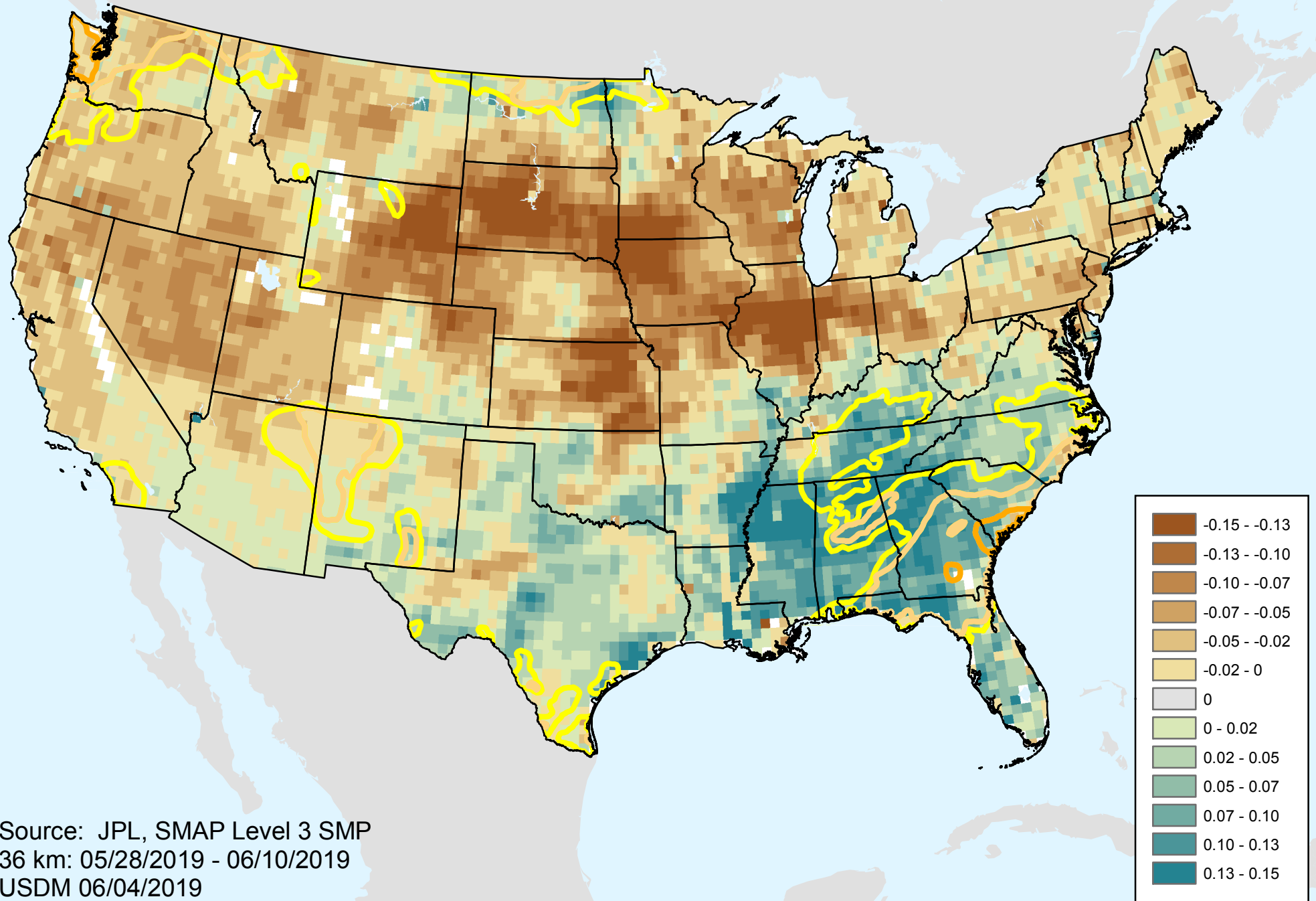


SMAP 1-Week Change in Soil Moisture 0-5 cm



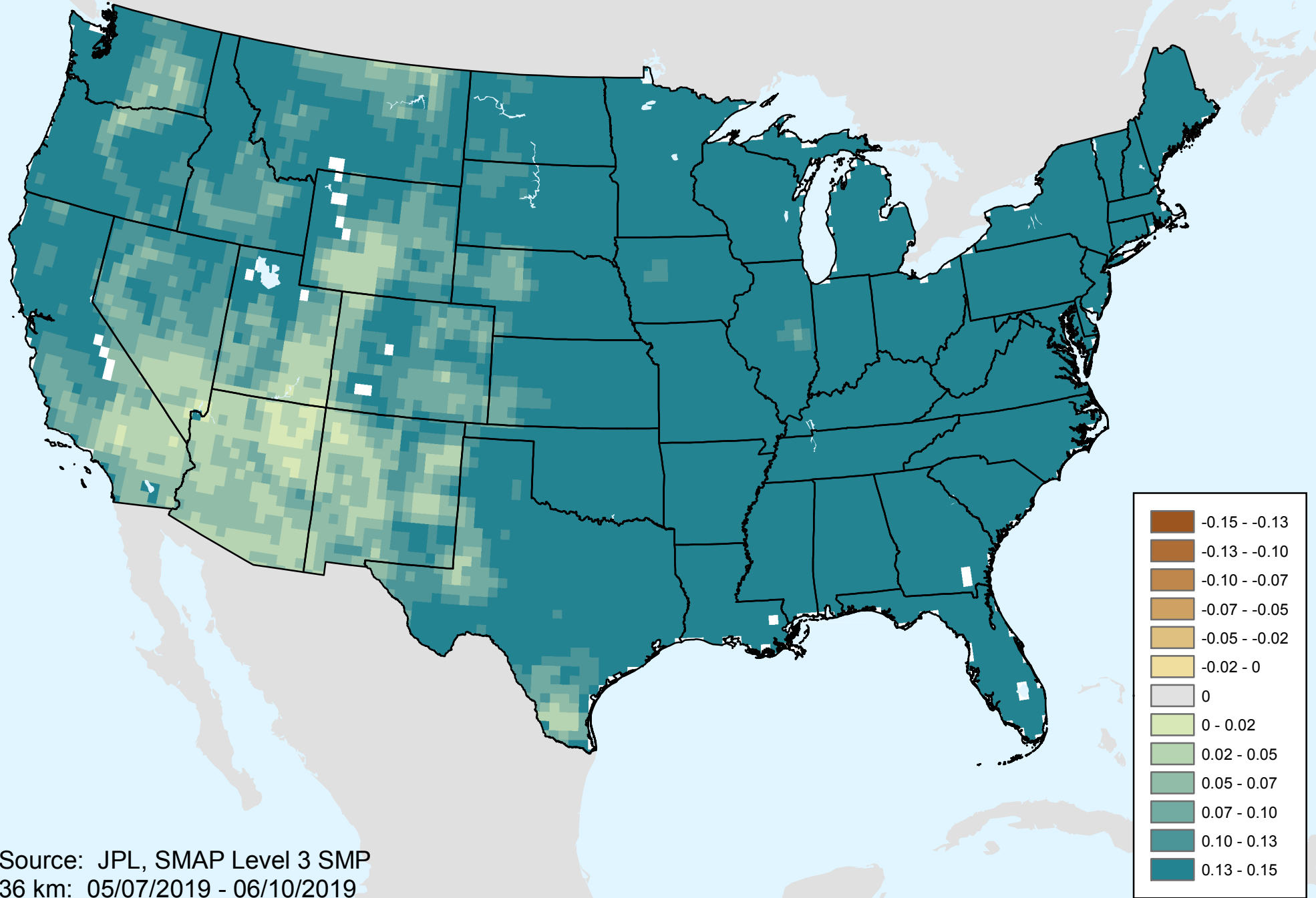
Source: JPL, SMAP Level 3 SMP
36 km: 05/28/2019 - 06/10/2019

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



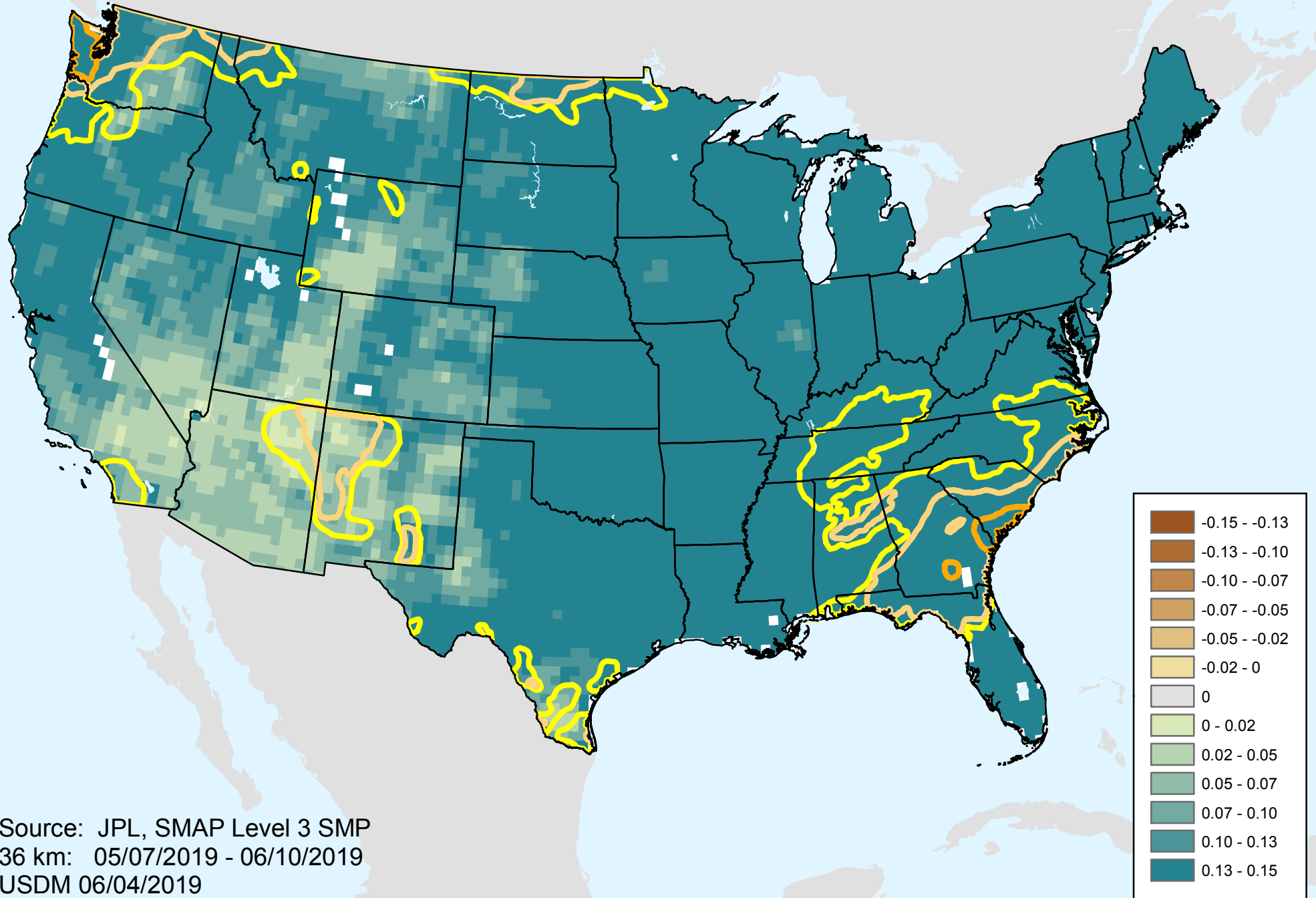
Source: JPL, SMAP Level 3 SMP
36 km: 05/28/2019 - 06/10/2019
USDM 06/04/2019

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



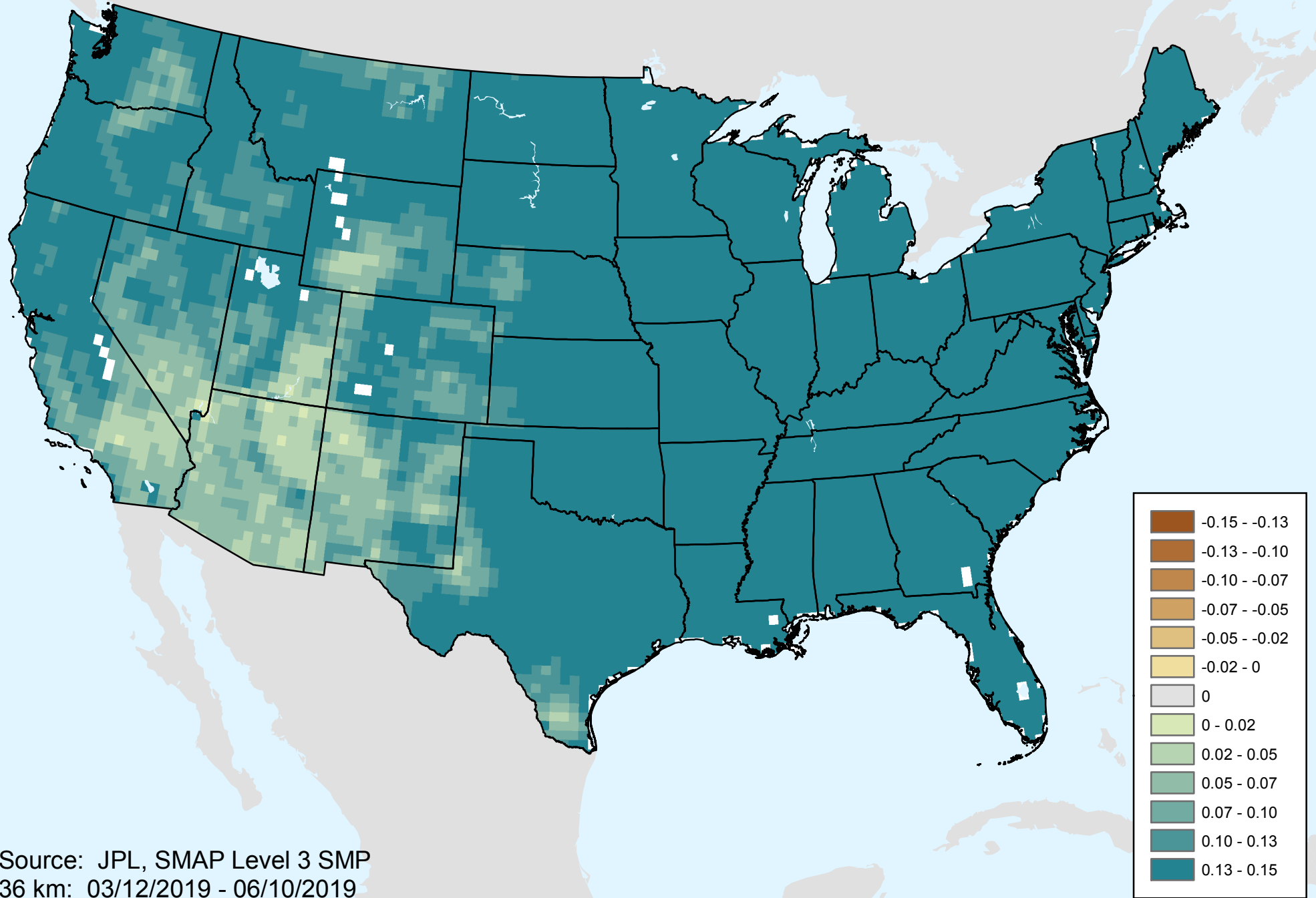
Source: JPL, SMAP Level 3 SMP
36 km: 05/07/2019 - 06/10/2019

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



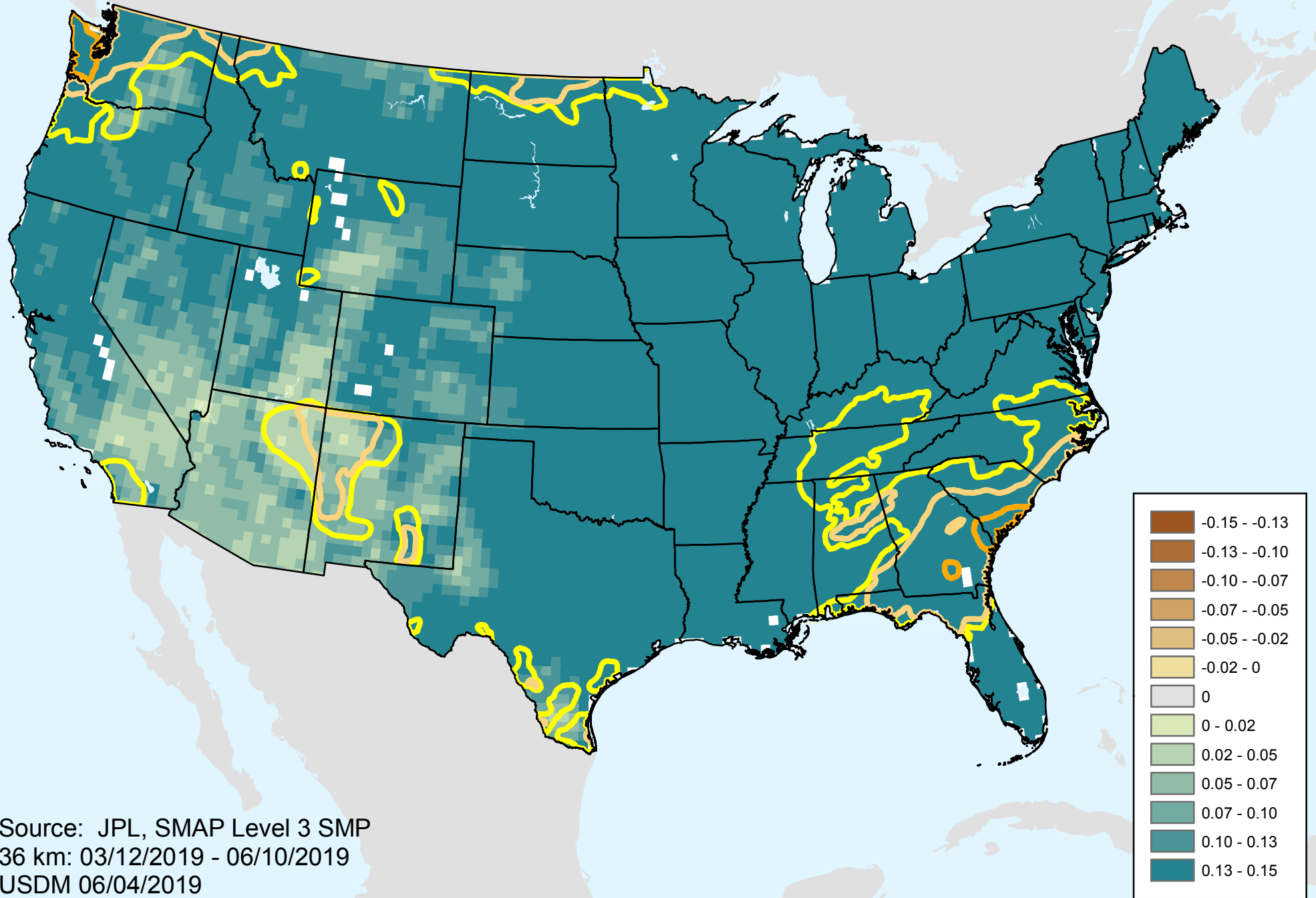
Source: JPL, SMAP Level 3 SMP
36 km: 05/07/2019 - 06/10/2019
USDM 06/04/2019

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



Source: JPL, SMAP Level 3 SMP
36 km: 03/12/2019 - 06/10/2019

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



Source: JPL, SMAP Level 3 SMP
36 km: 03/12/2019 - 06/10/2019
USDM 06/04/2019