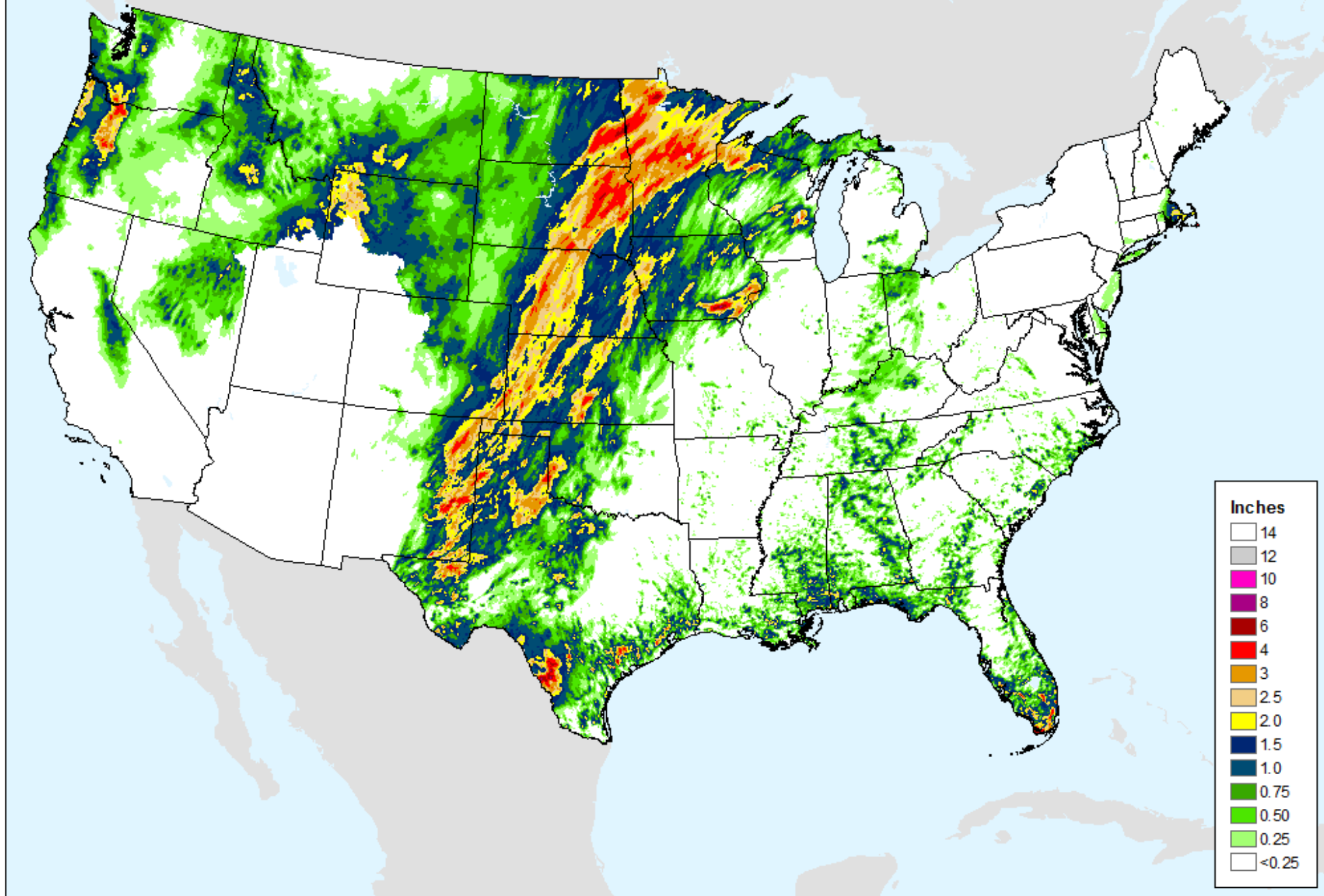


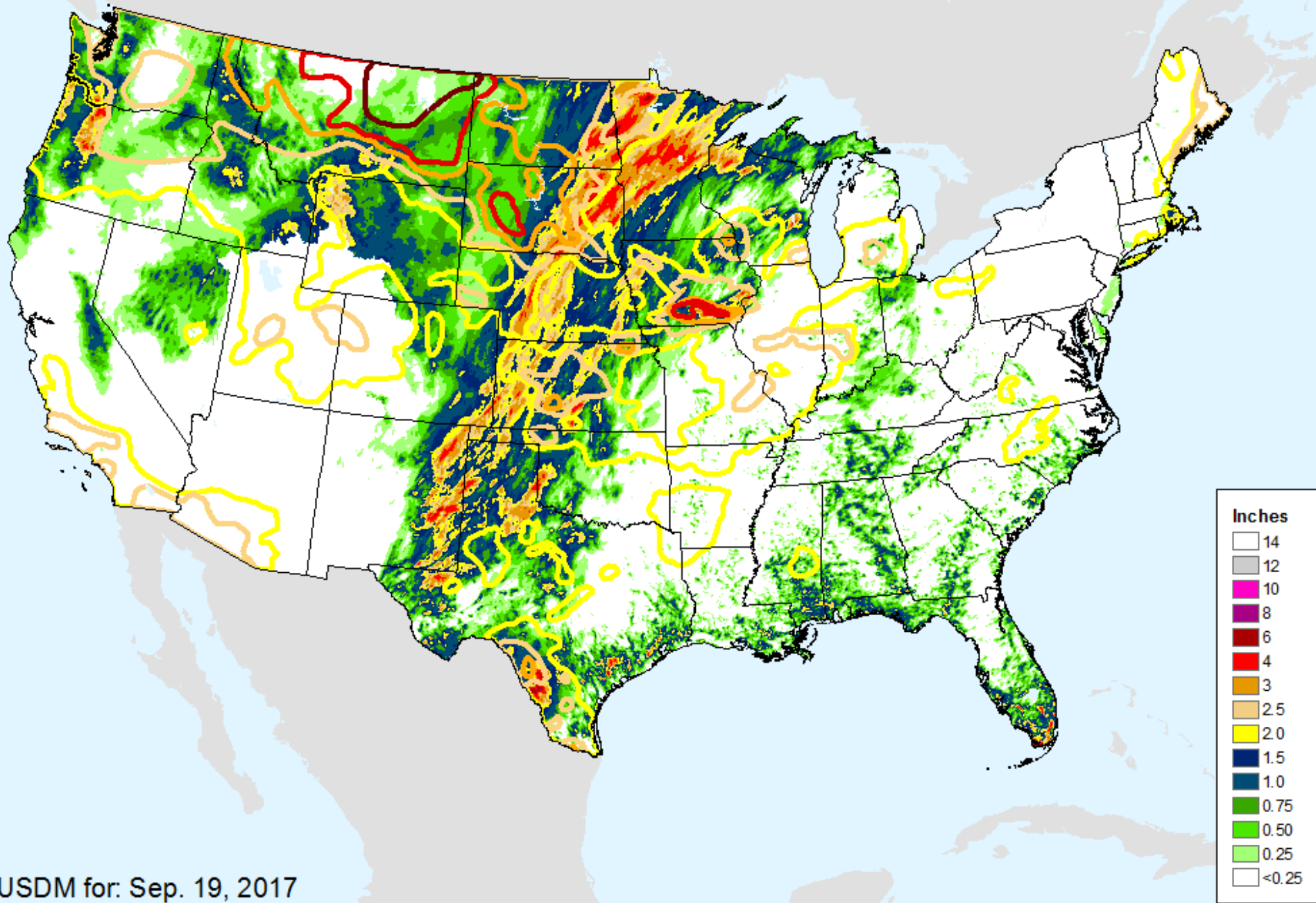
AHPS 7-Day Precipitation

As of: Tuesday, September 26, 2017



AHPS 7-Day Precipitation

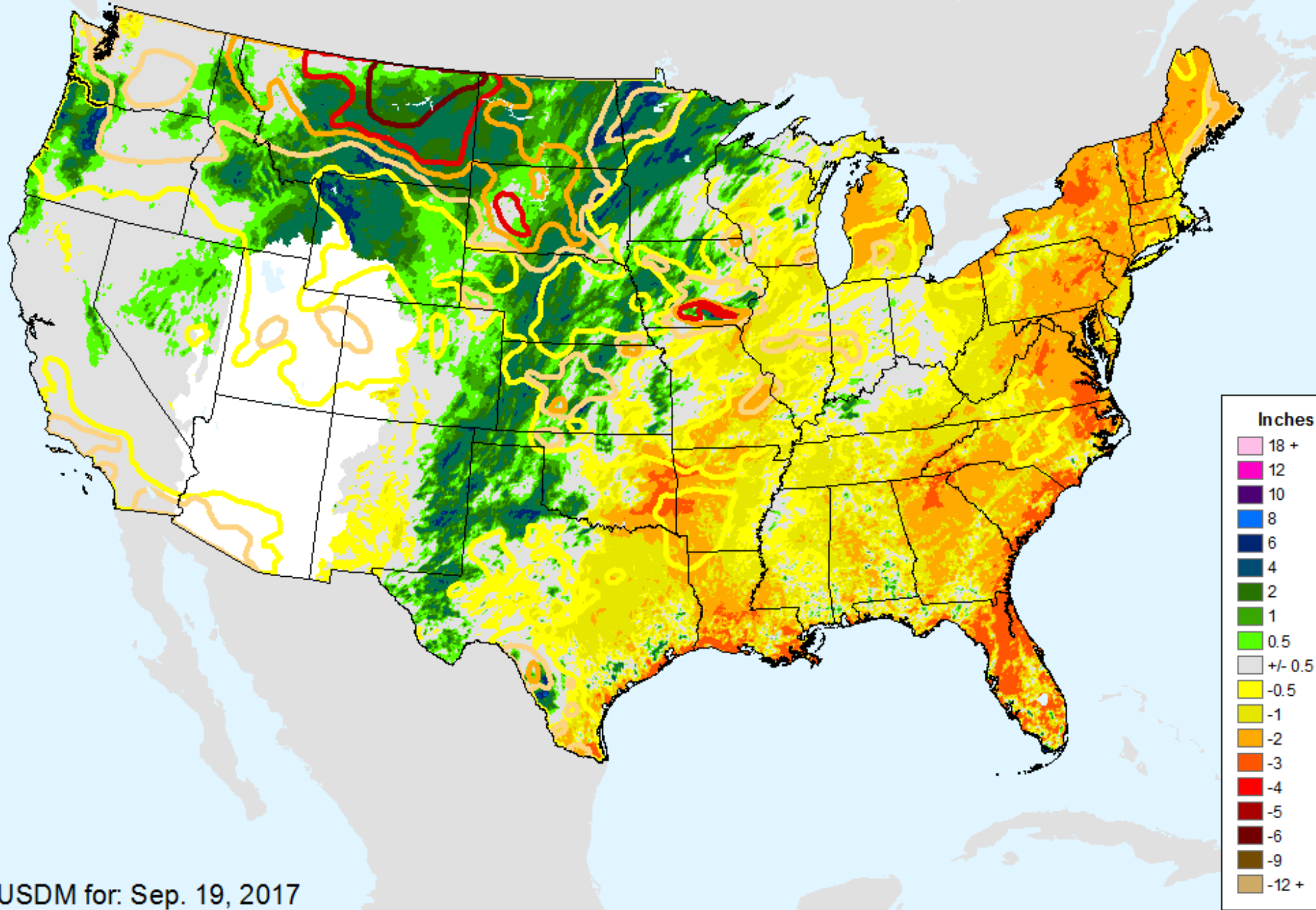
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 14-Day Precip Departure

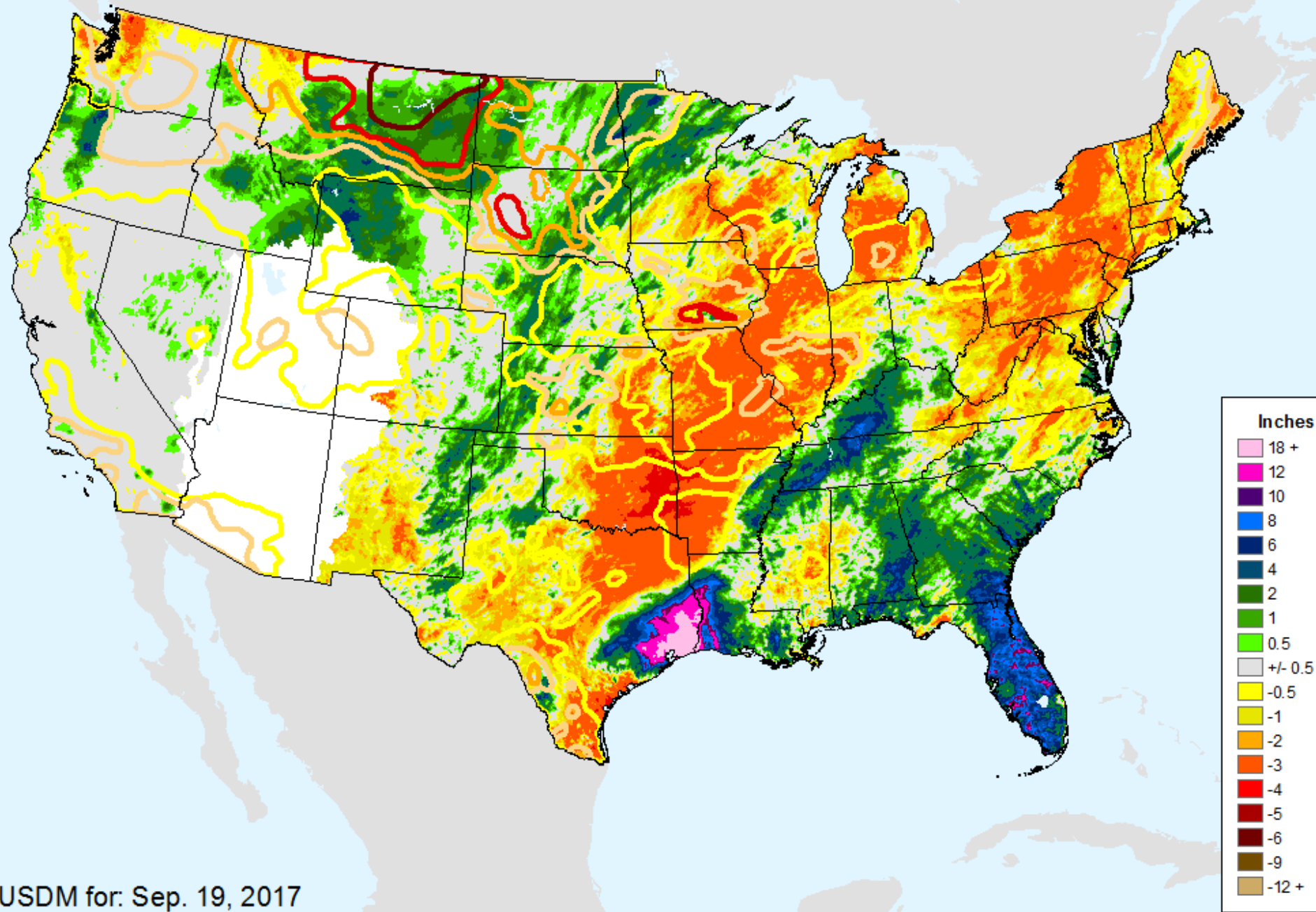
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 30-Day Precip Departure

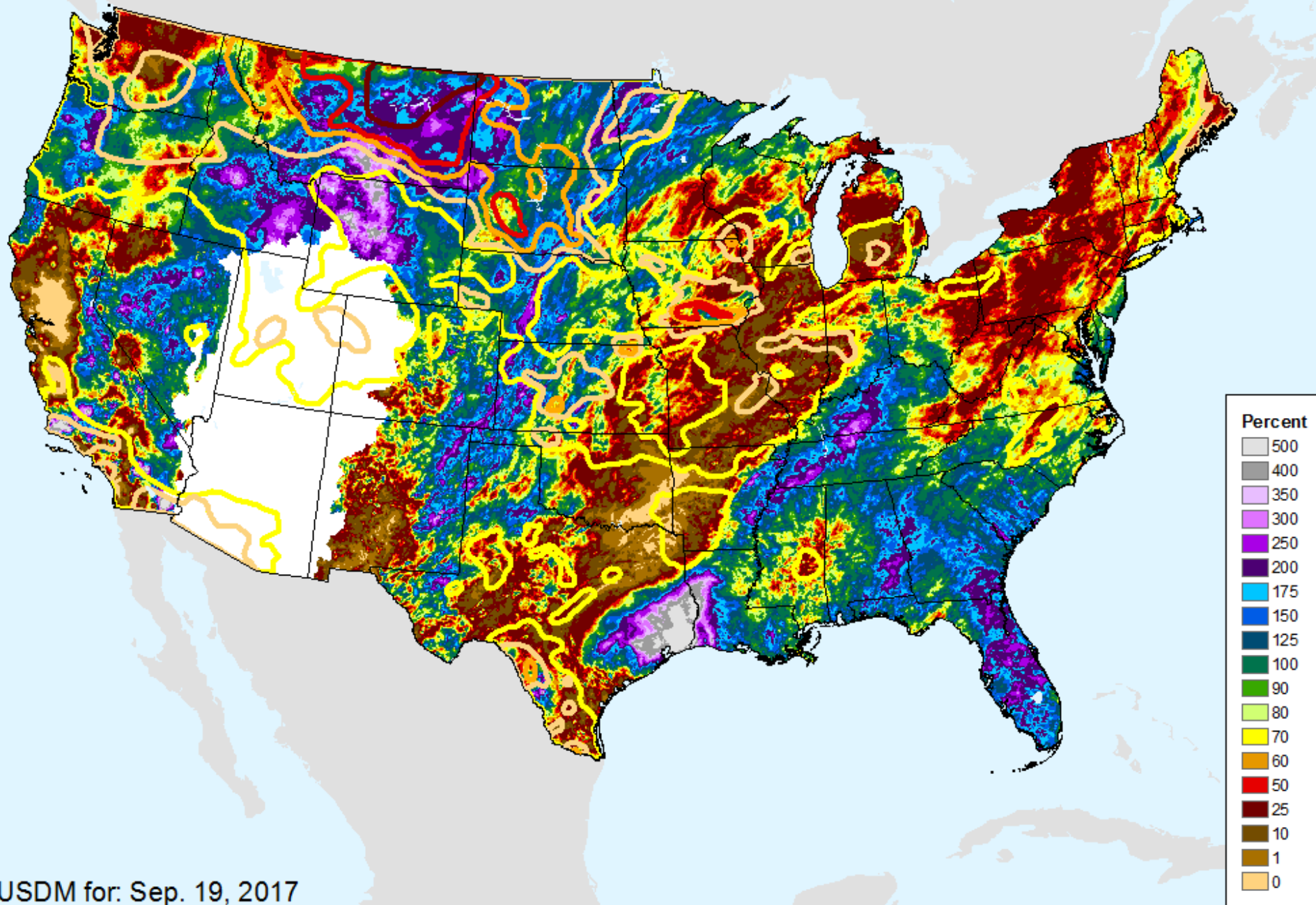
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 30-Day Pct of Normal Pcp

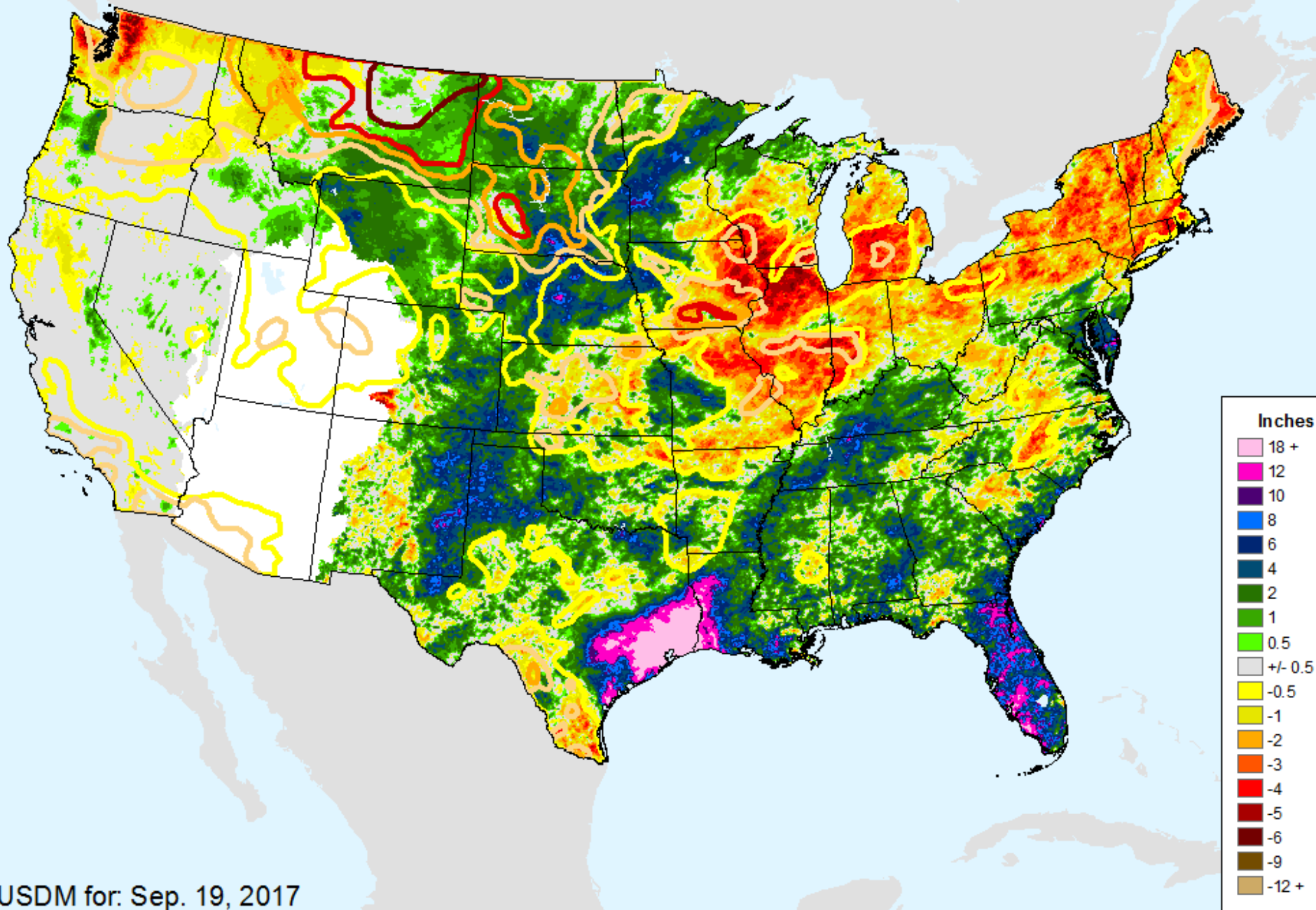
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 60-Day Precip Departure

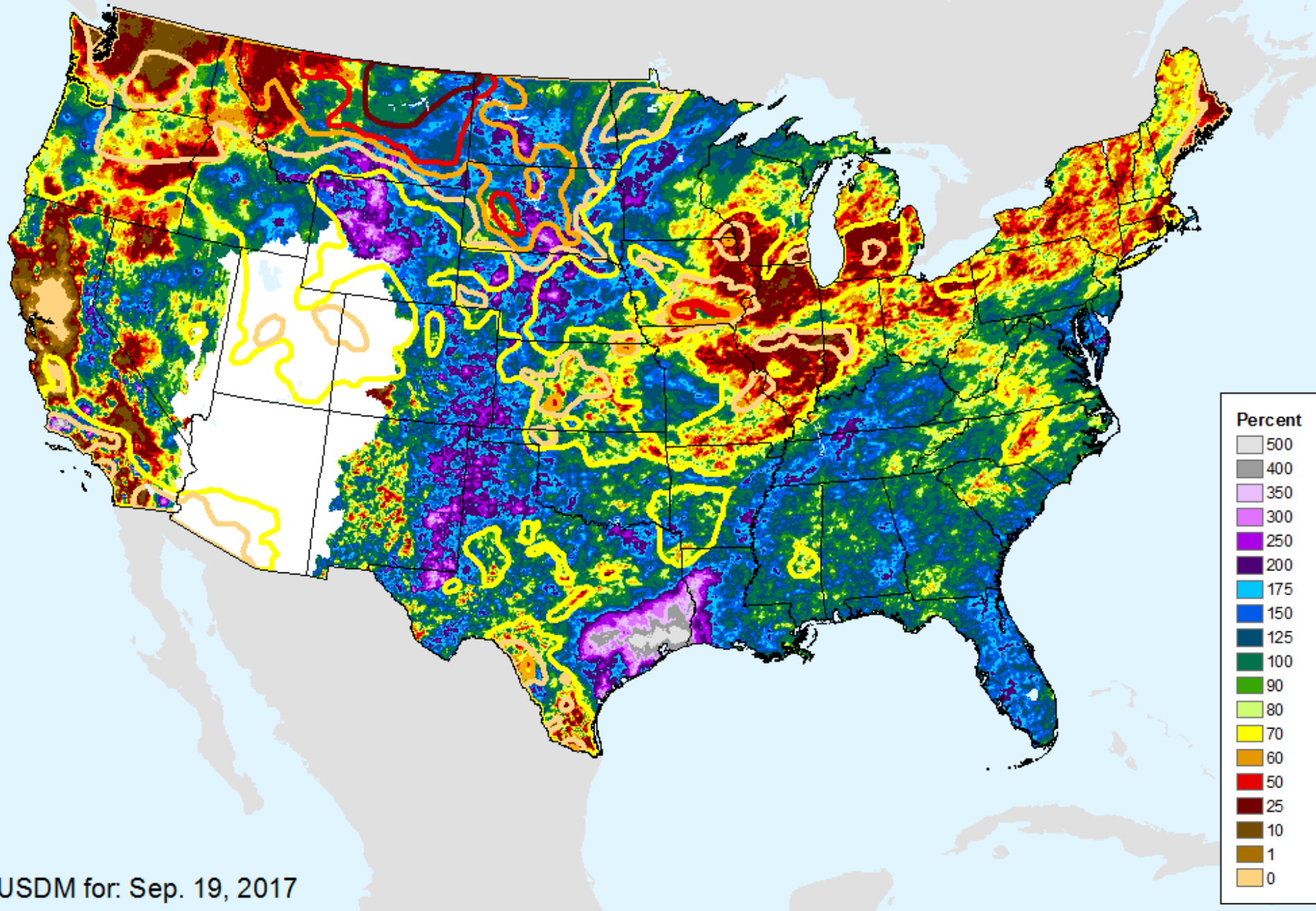
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

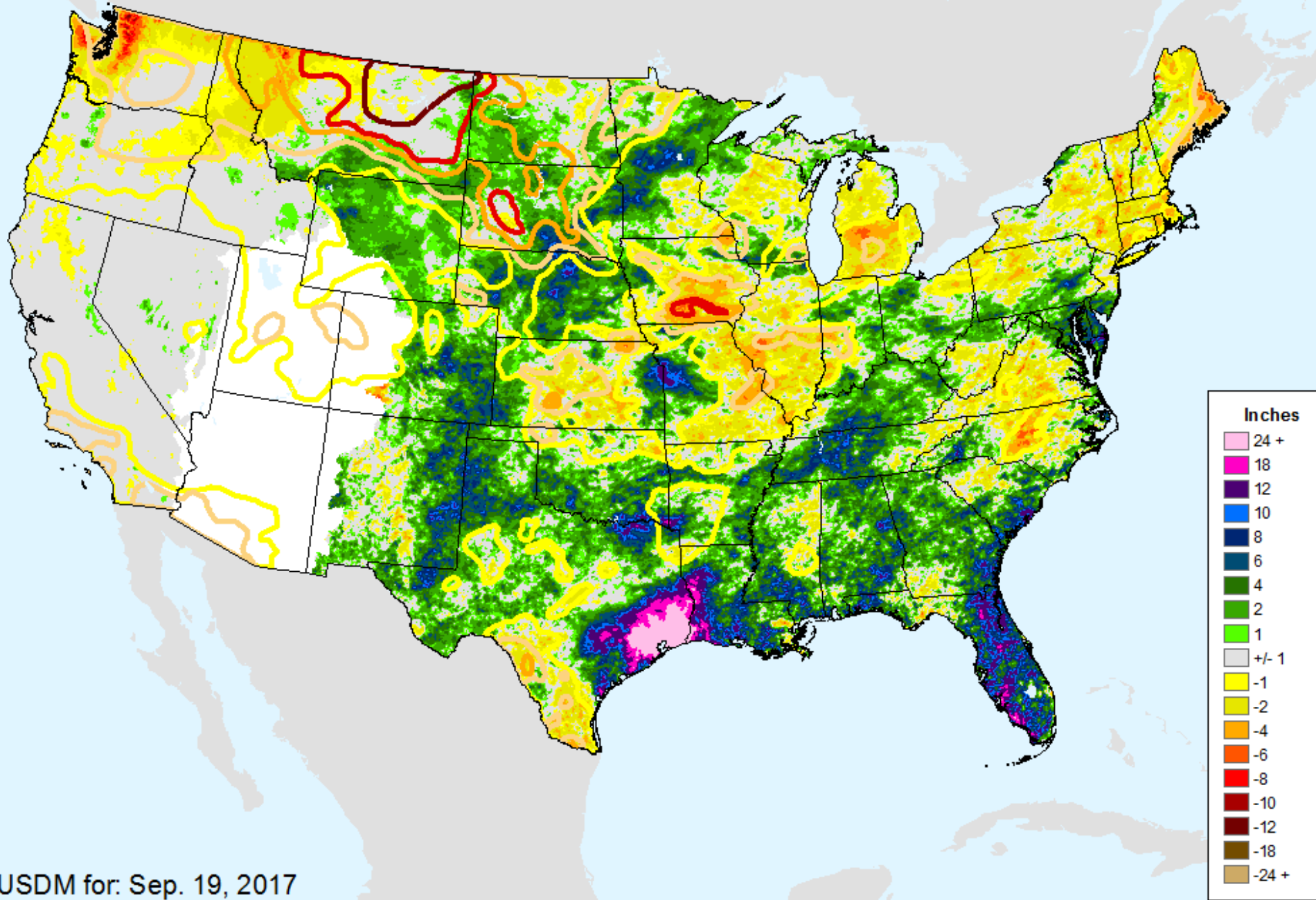
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, September 26, 2017



AHPS 90-Day Precip Departure

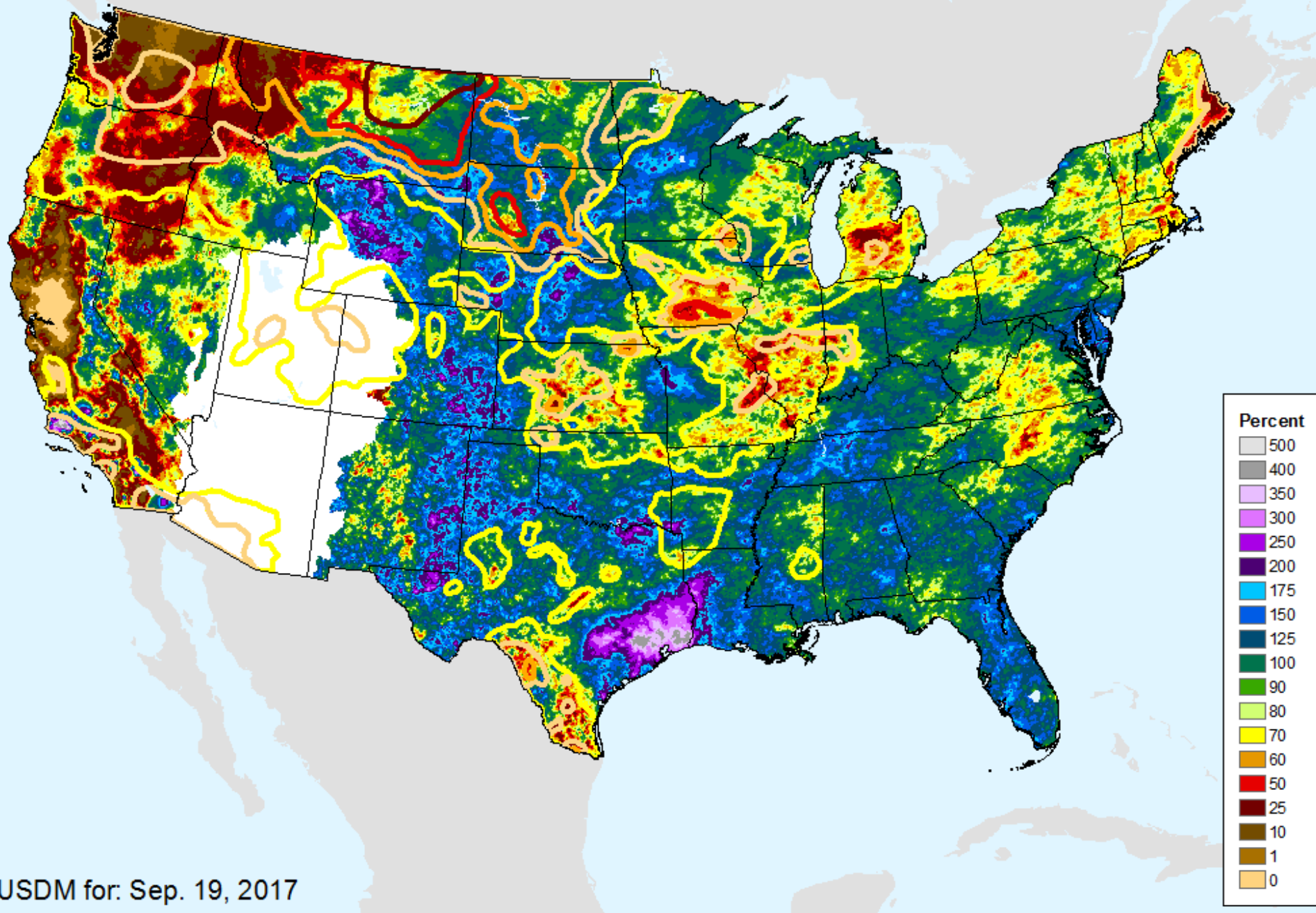
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

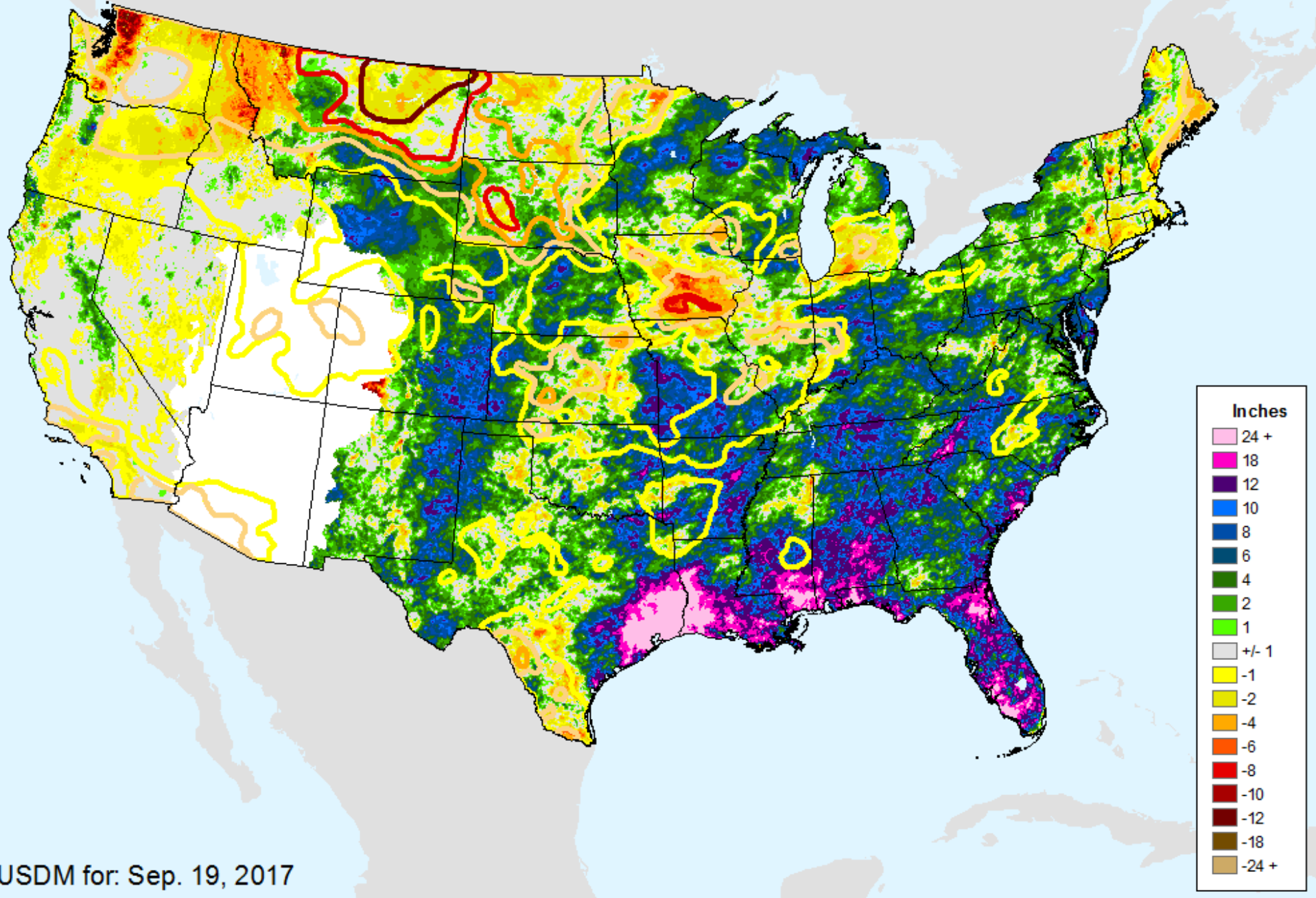
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, September 26, 2017



AHPS 180-Day Precip Departure

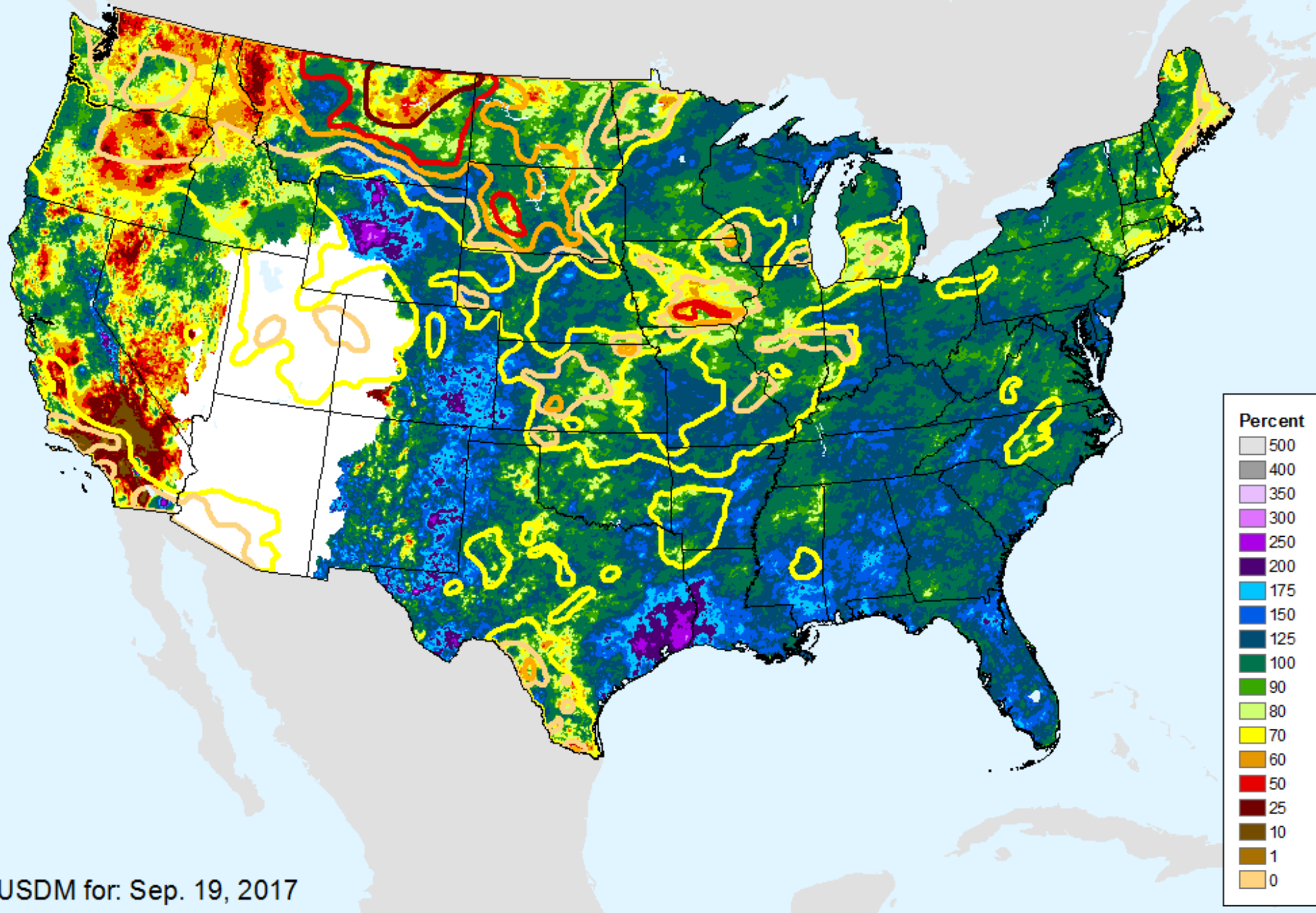
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

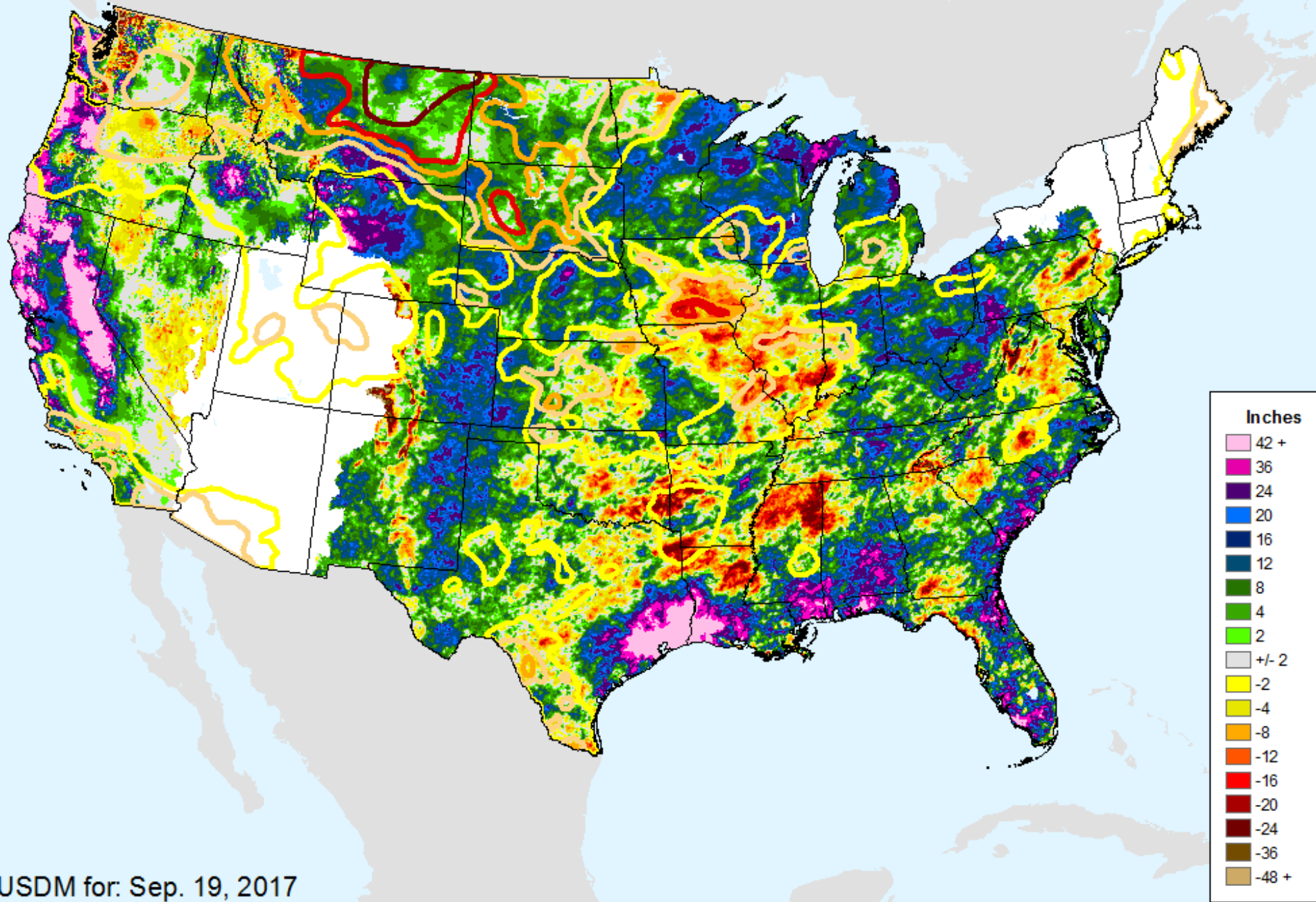
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, September 26, 2017



AHPS Water-Year Precip Departure

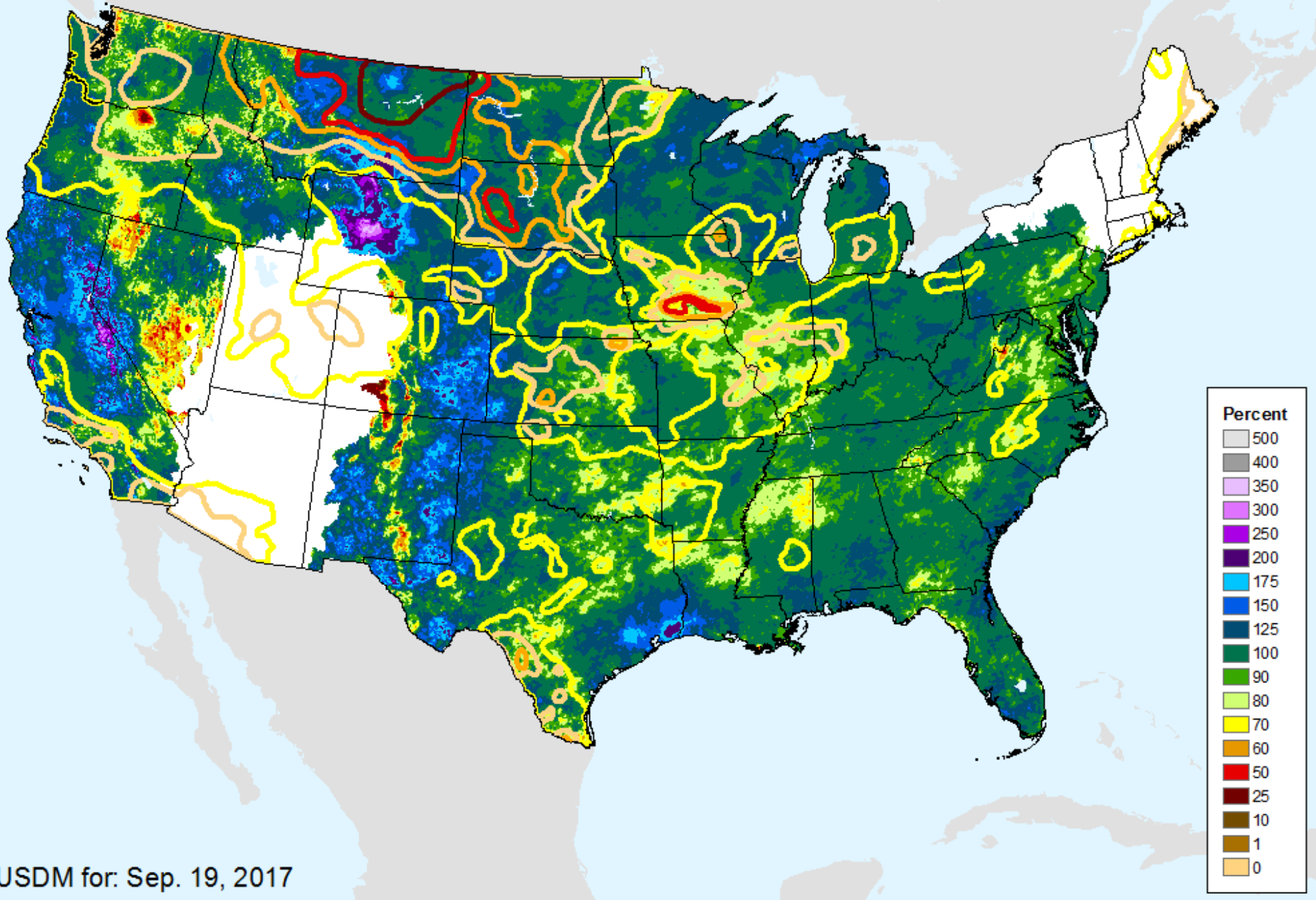
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS Water-Year Pct of Normal Pcp

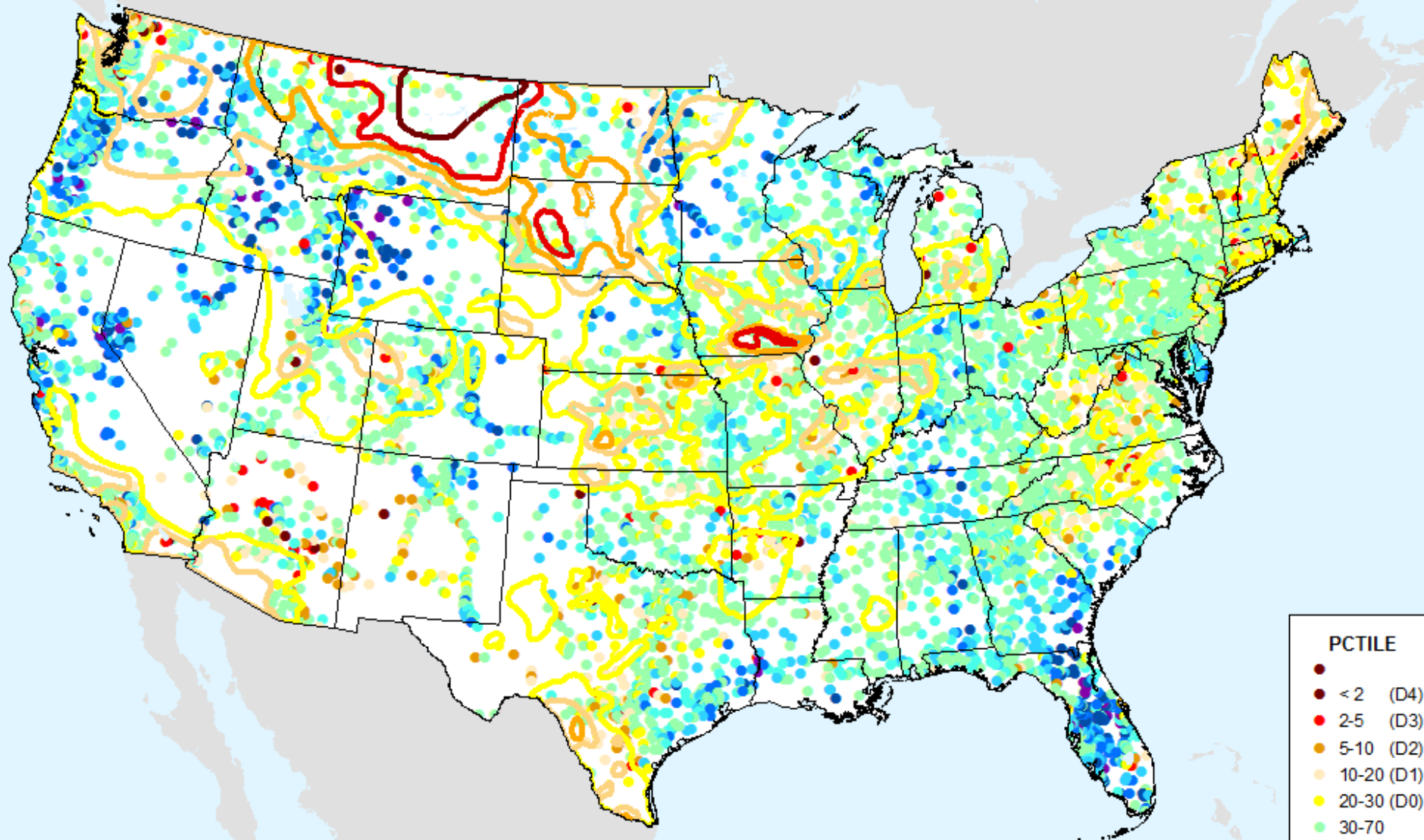
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

USGS 7-Day Avg Streamflow

As of: Tuesday, September 26, 2017



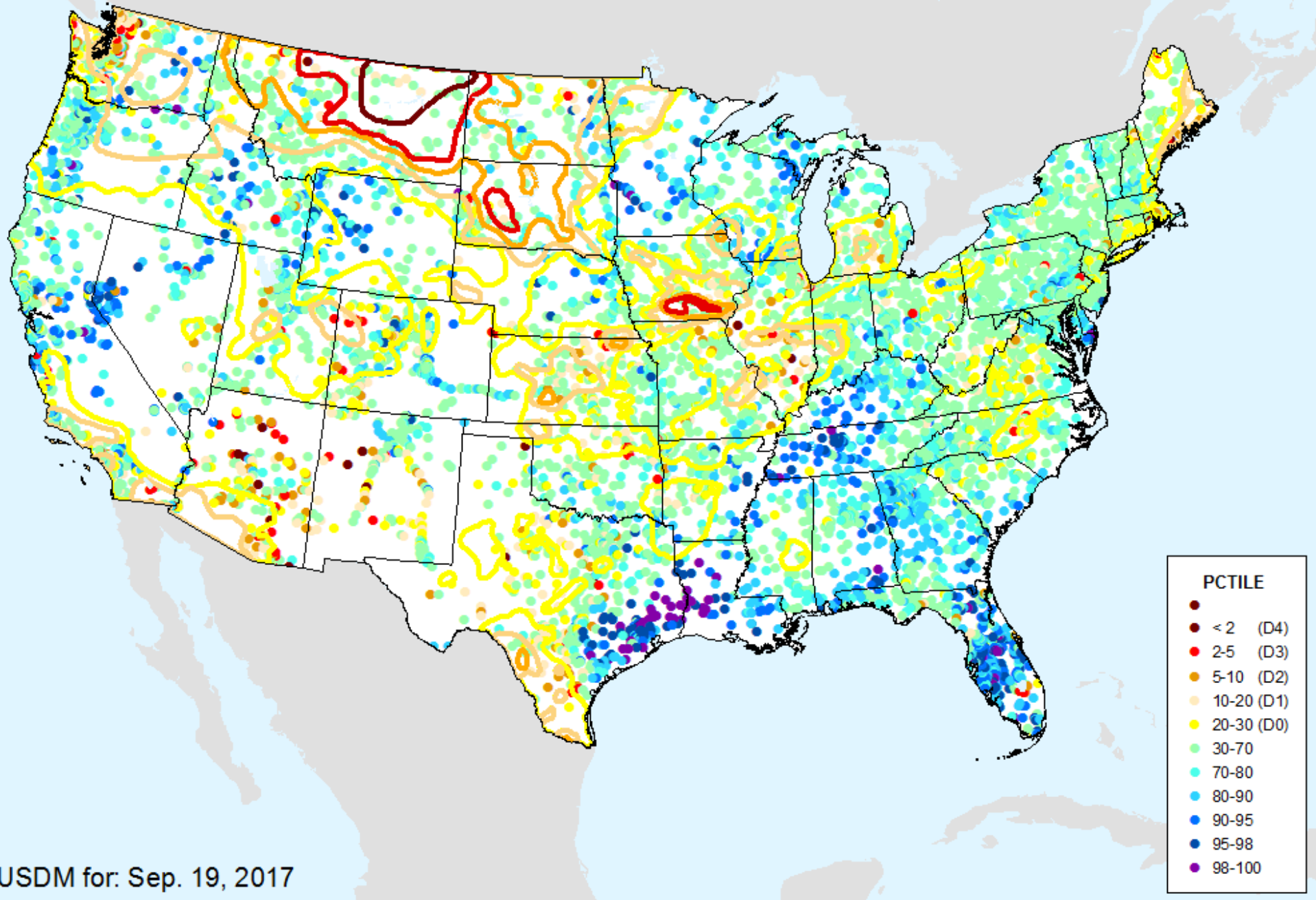
PCTILE

- < 2 (D4)
- 2-5 (D3)
- 5-10 (D2)
- 10-20 (D1)
- 20-30 (D0)
- 30-70
- 70-80
- 80-90
- 90-95
- 95-98
- 98-100

USDM for: Sep. 19, 2017

USGS 28-Day Avg Streamflow

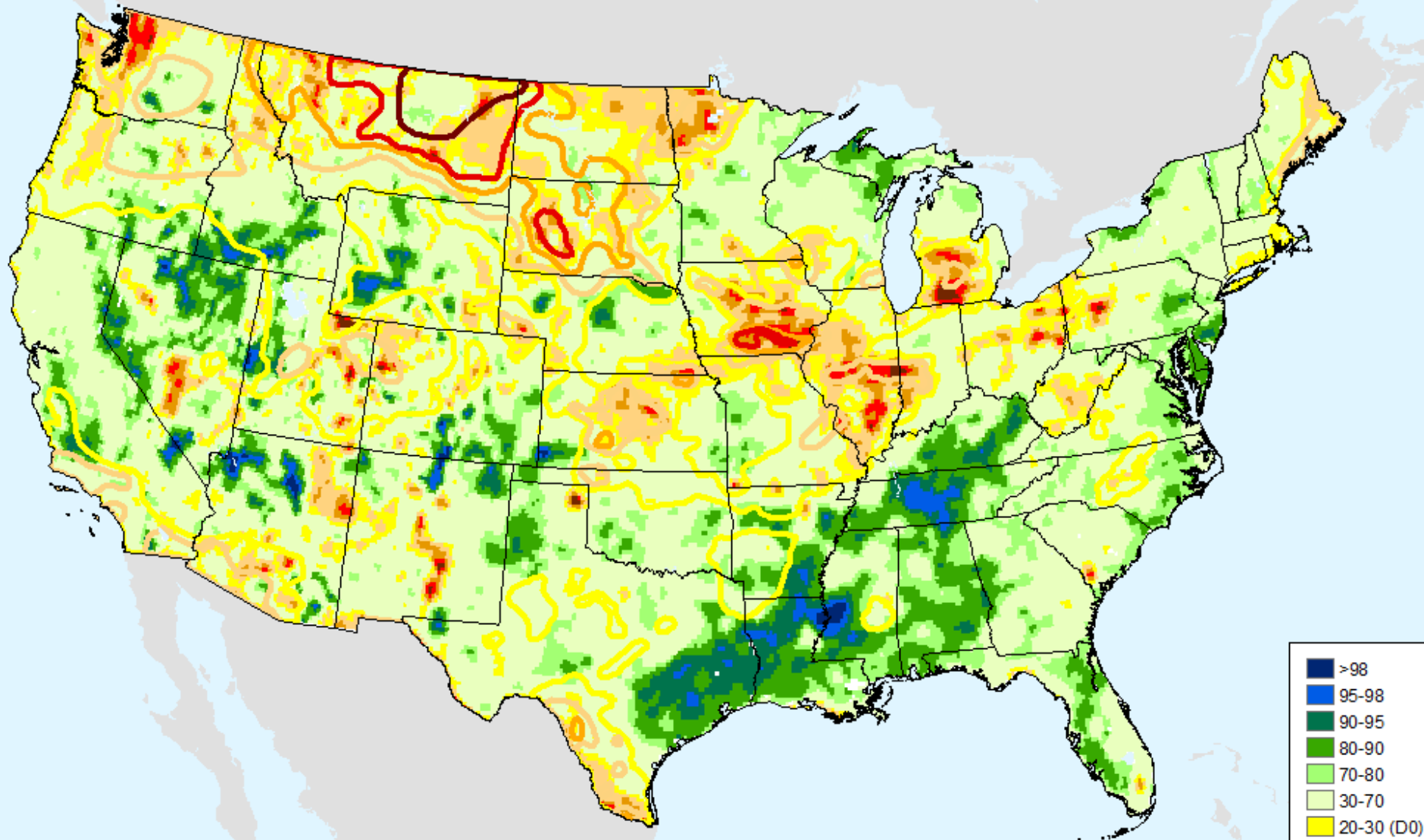
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

NLDAS Top 1m Soil Moisture

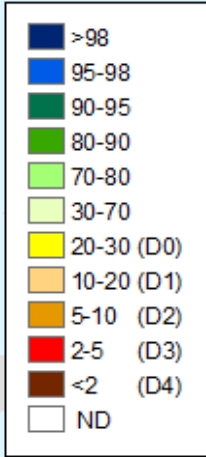
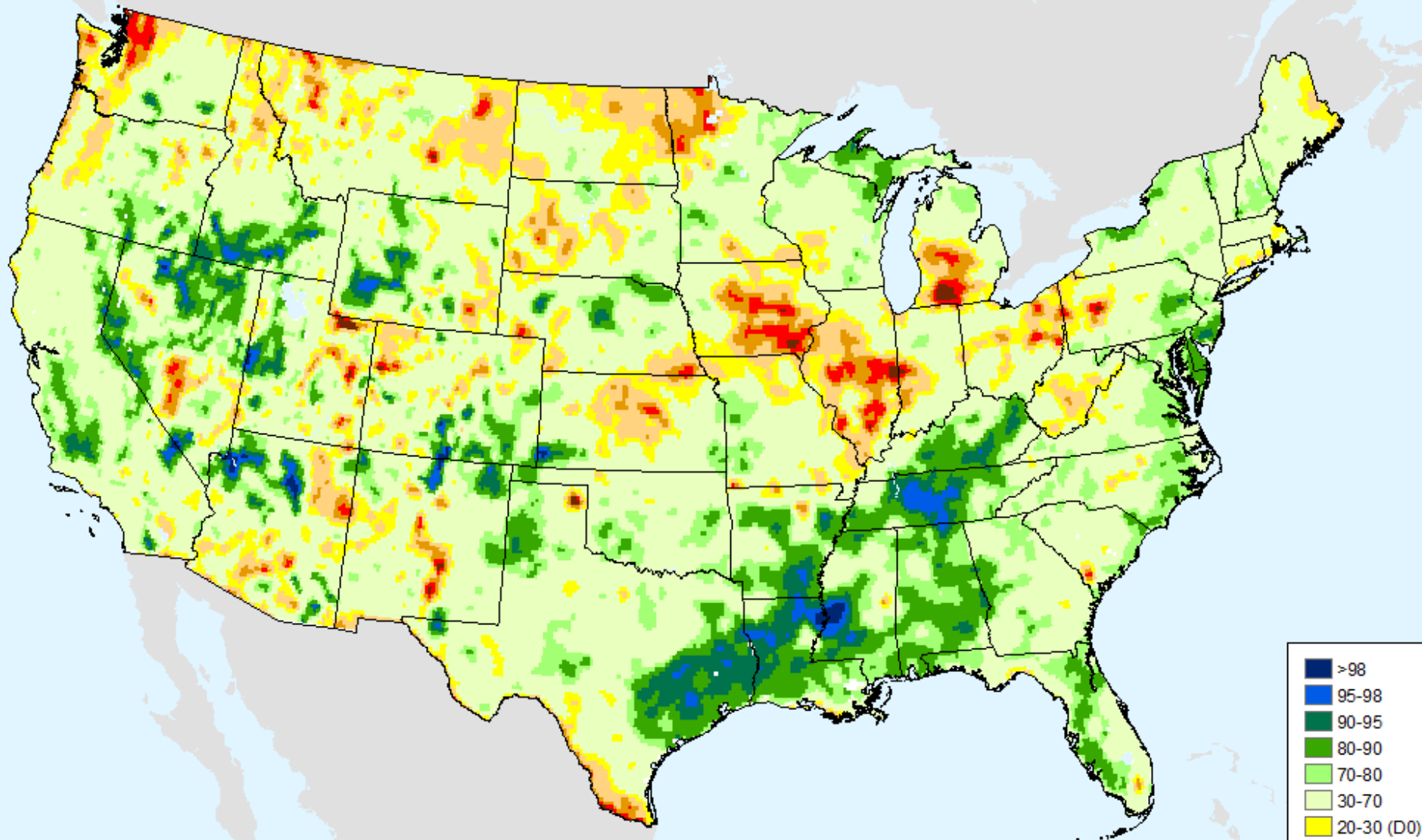
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

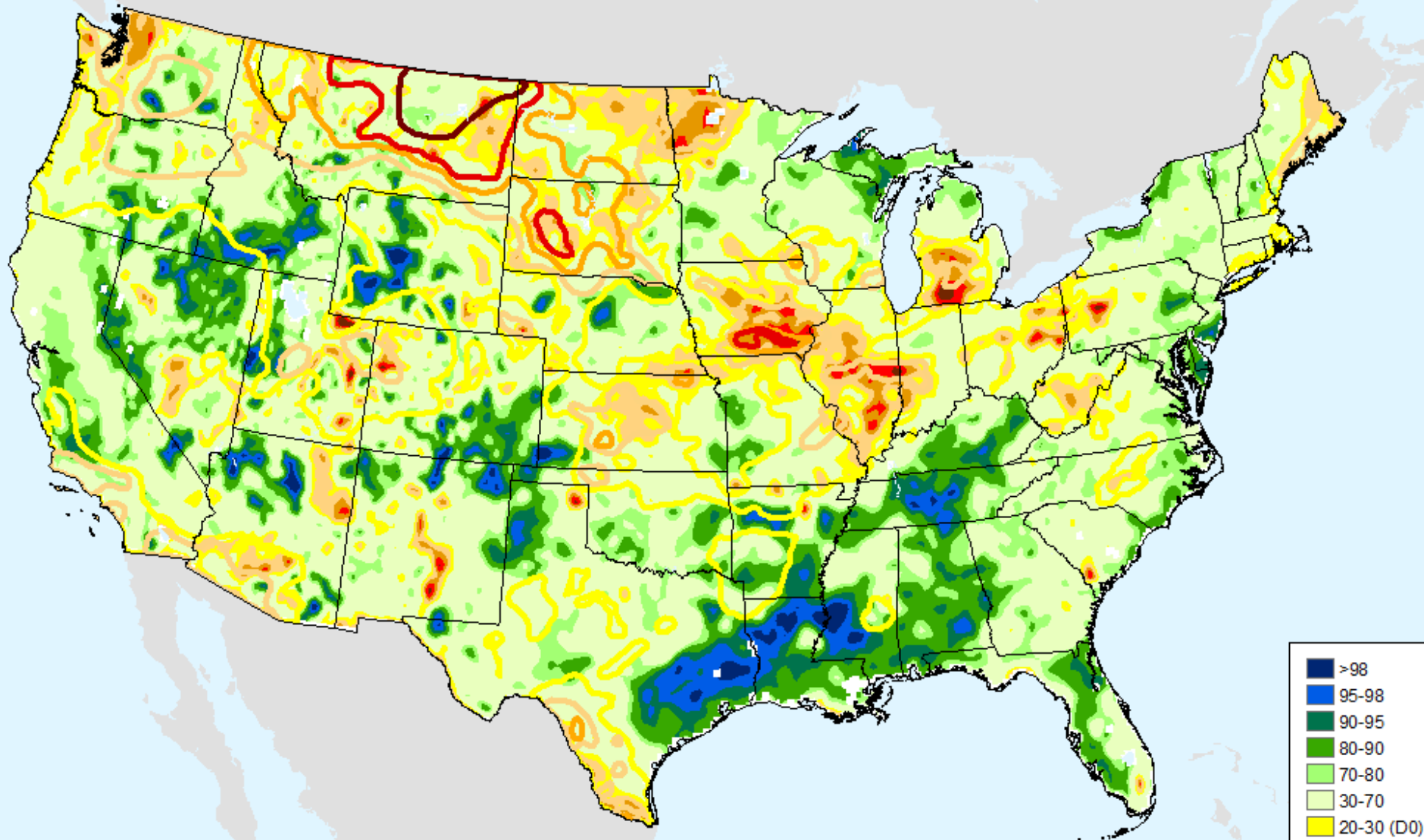
NLDAS Top 1m Soil Moisture

As of: Tuesday, September 26, 2017

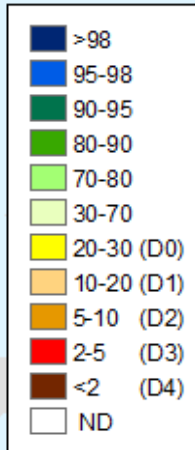


NLDAS Total Column Soil Moisture

As of: Tuesday, September 26, 2017

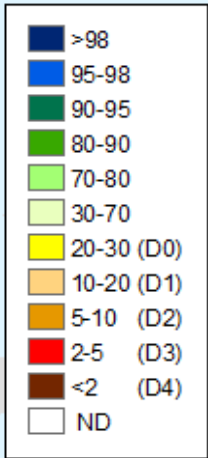
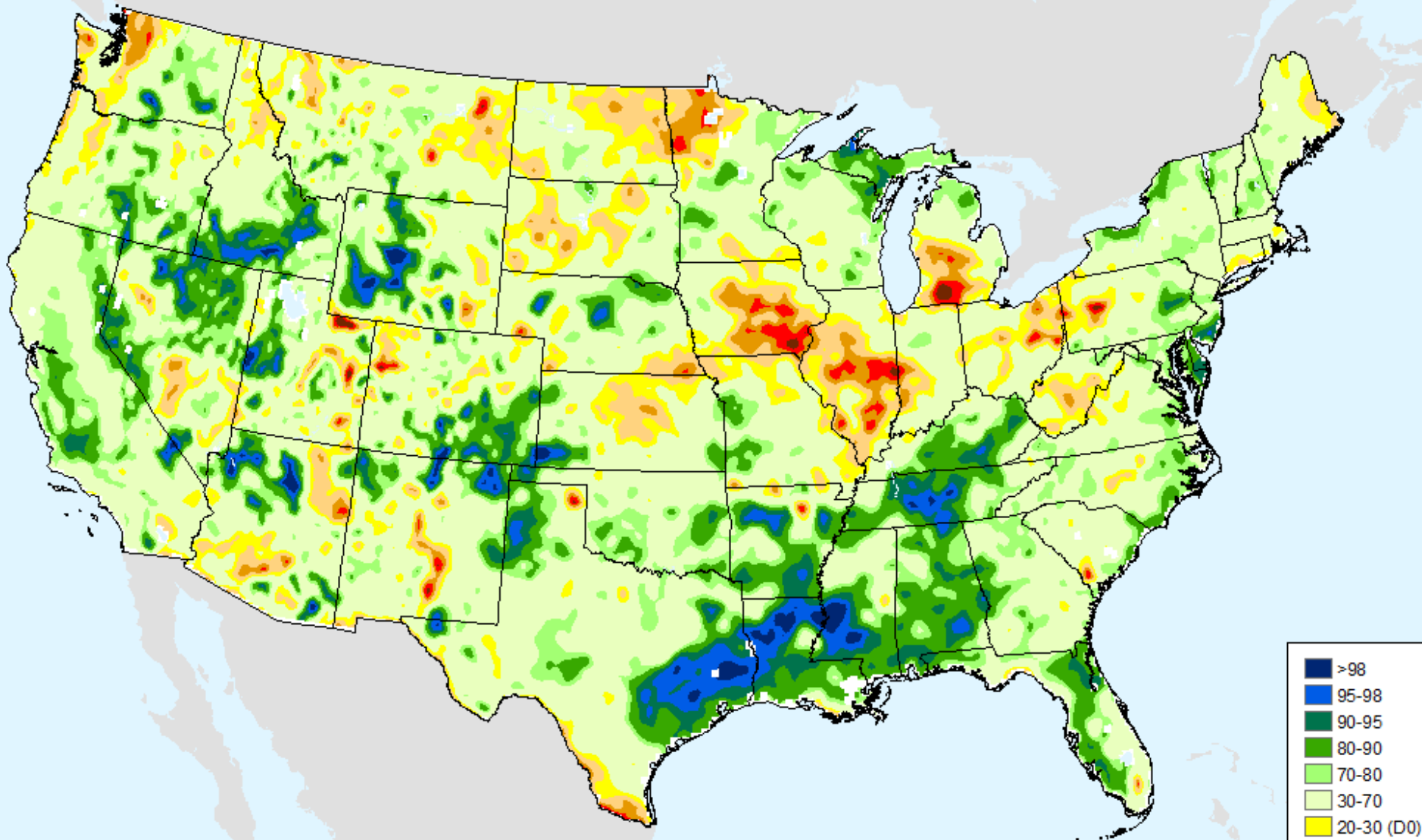


USDM for: Sep. 19, 2017



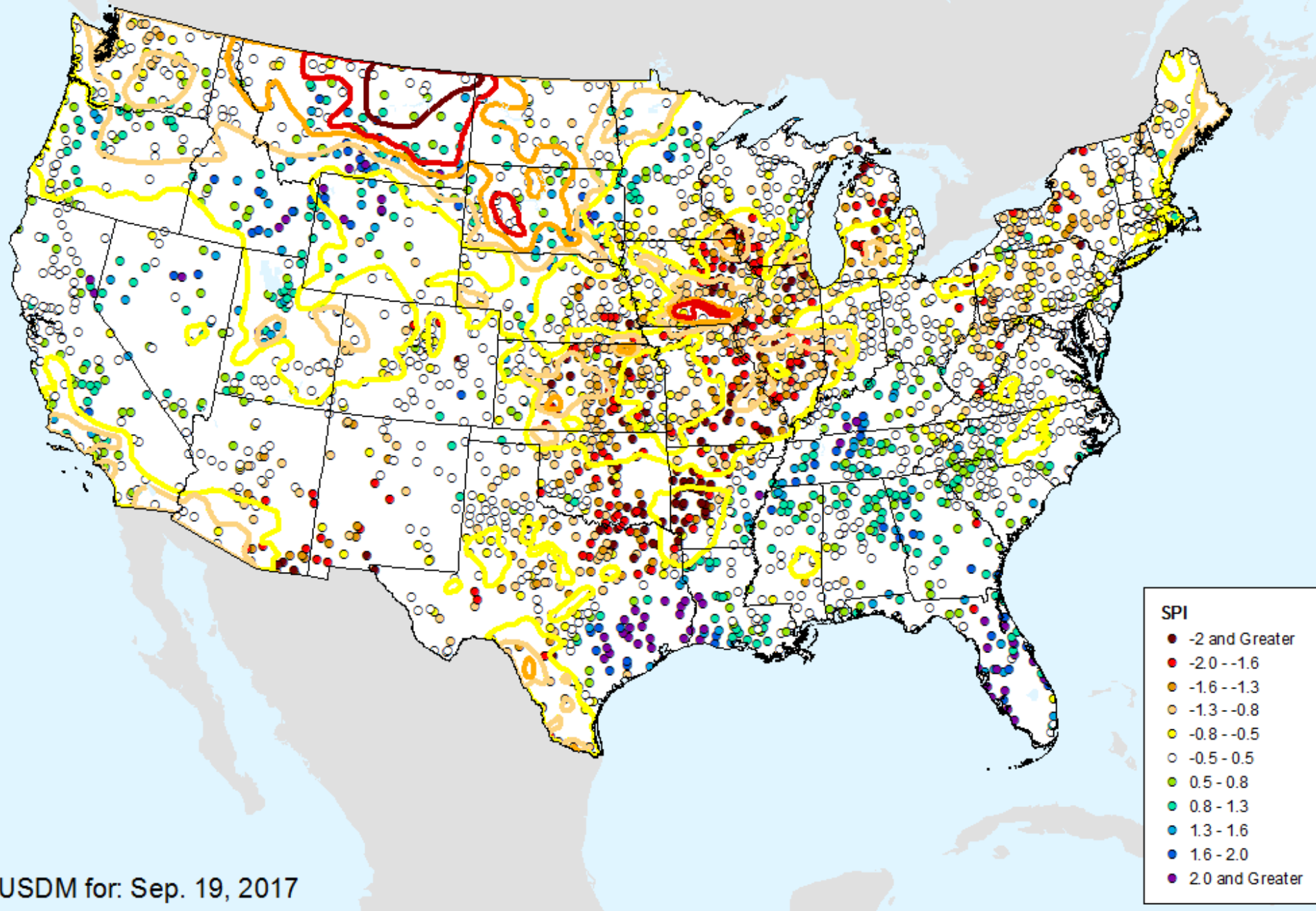
NLDAS Total Column Soil Moisture

As of: Tuesday, September 26, 2017



HPRCC 1-month SPI

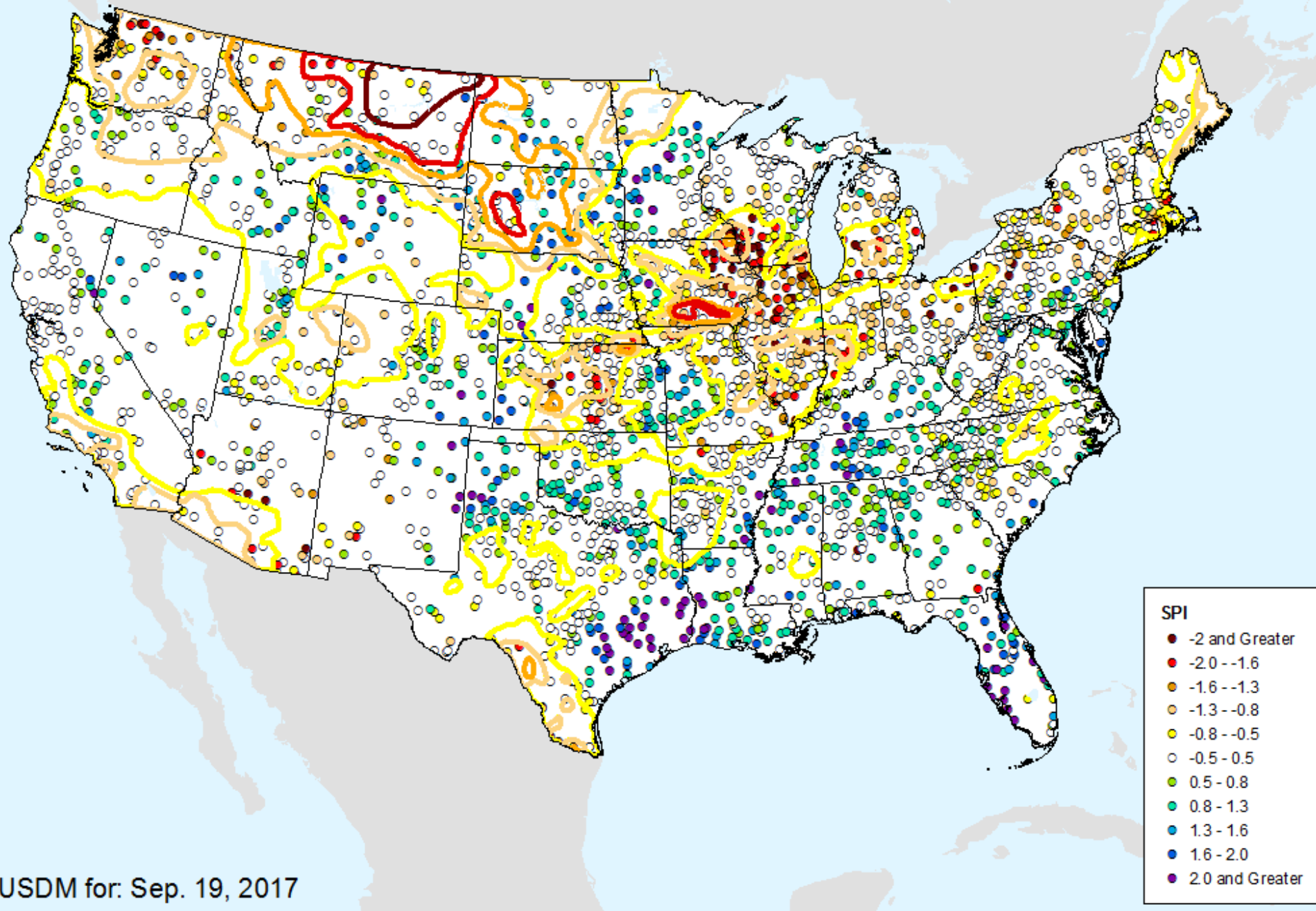
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

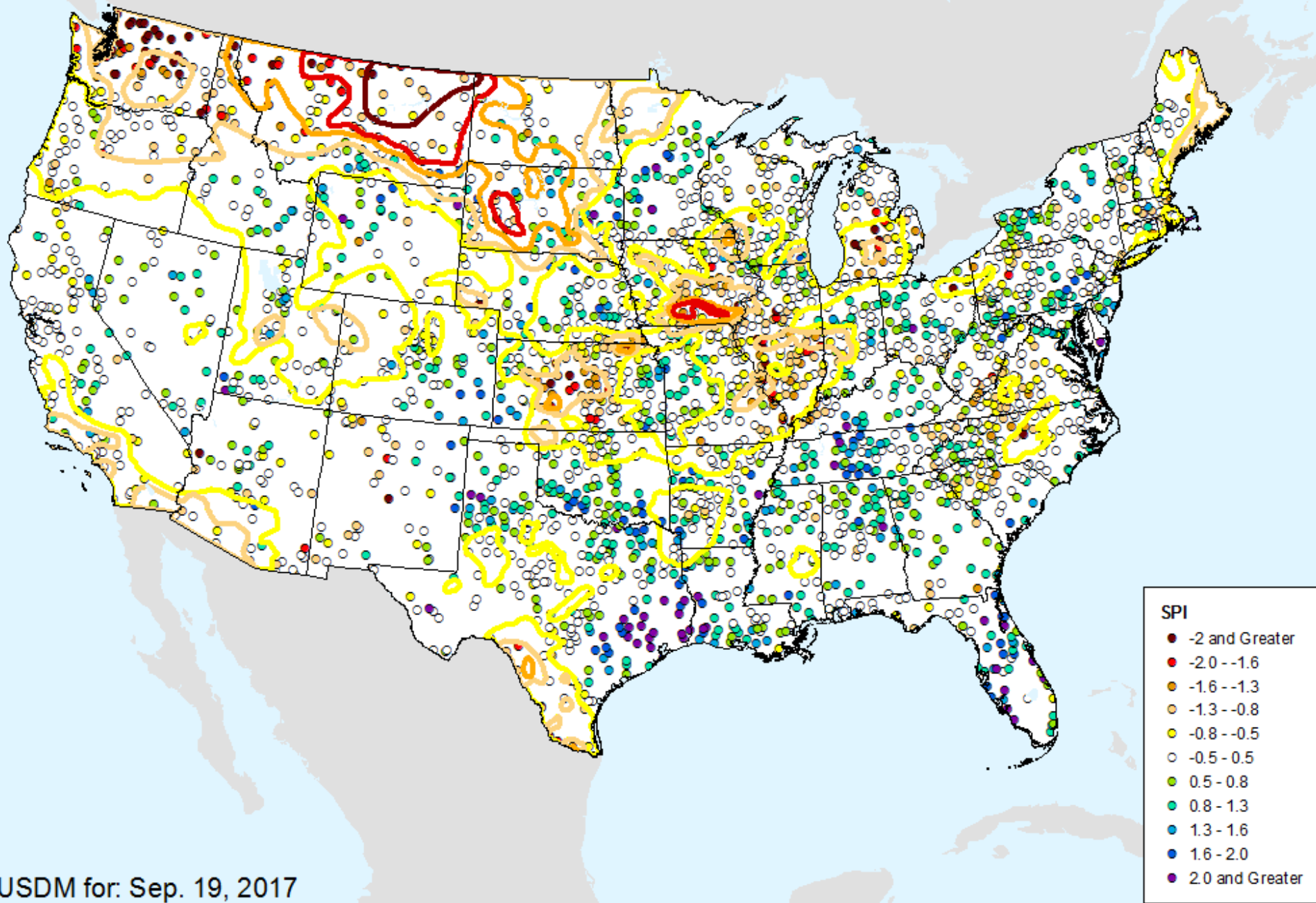
HPRCC 2-month SPI

As of: Tuesday, September 26, 2017



HPRCC 3-month SPI

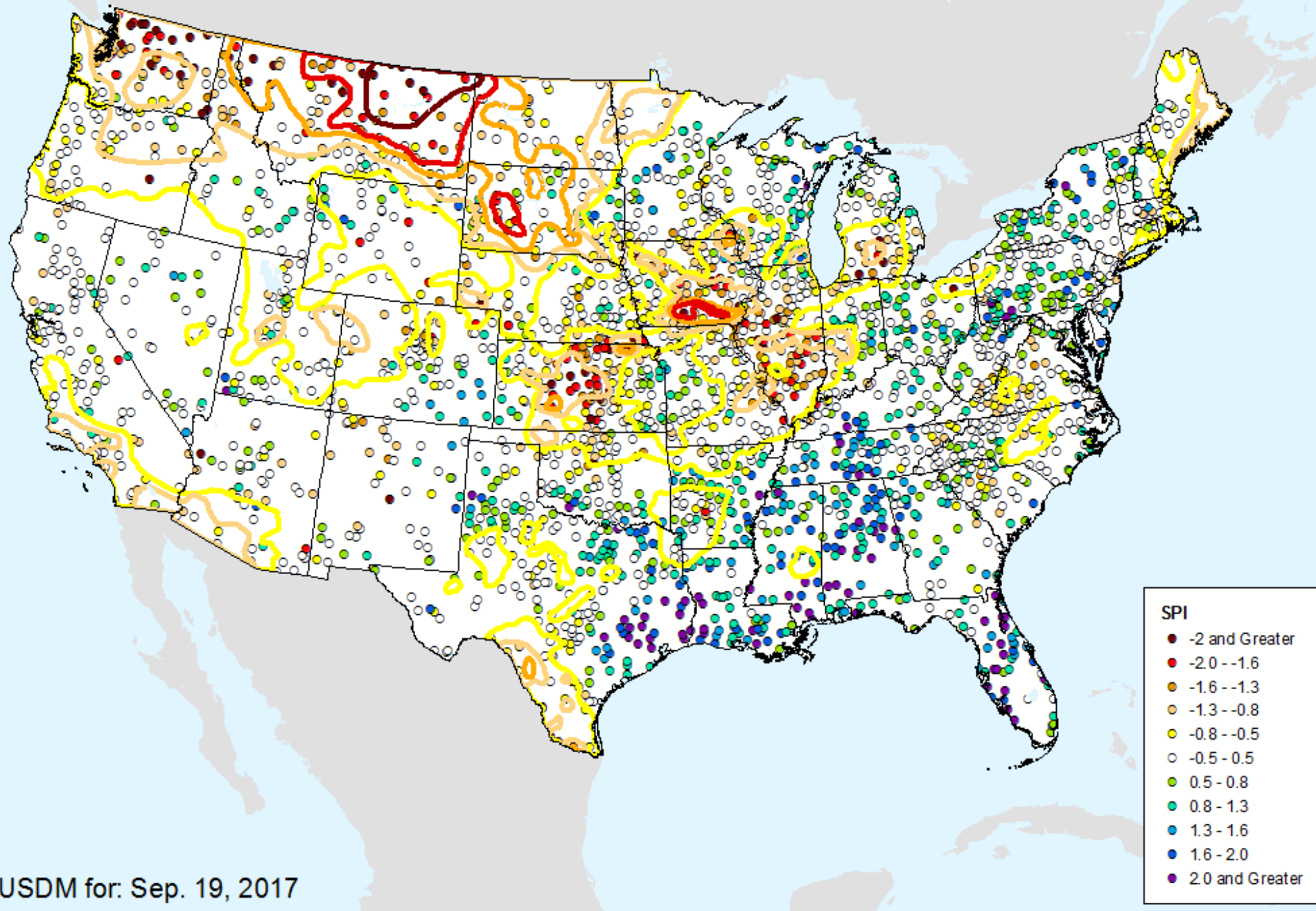
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

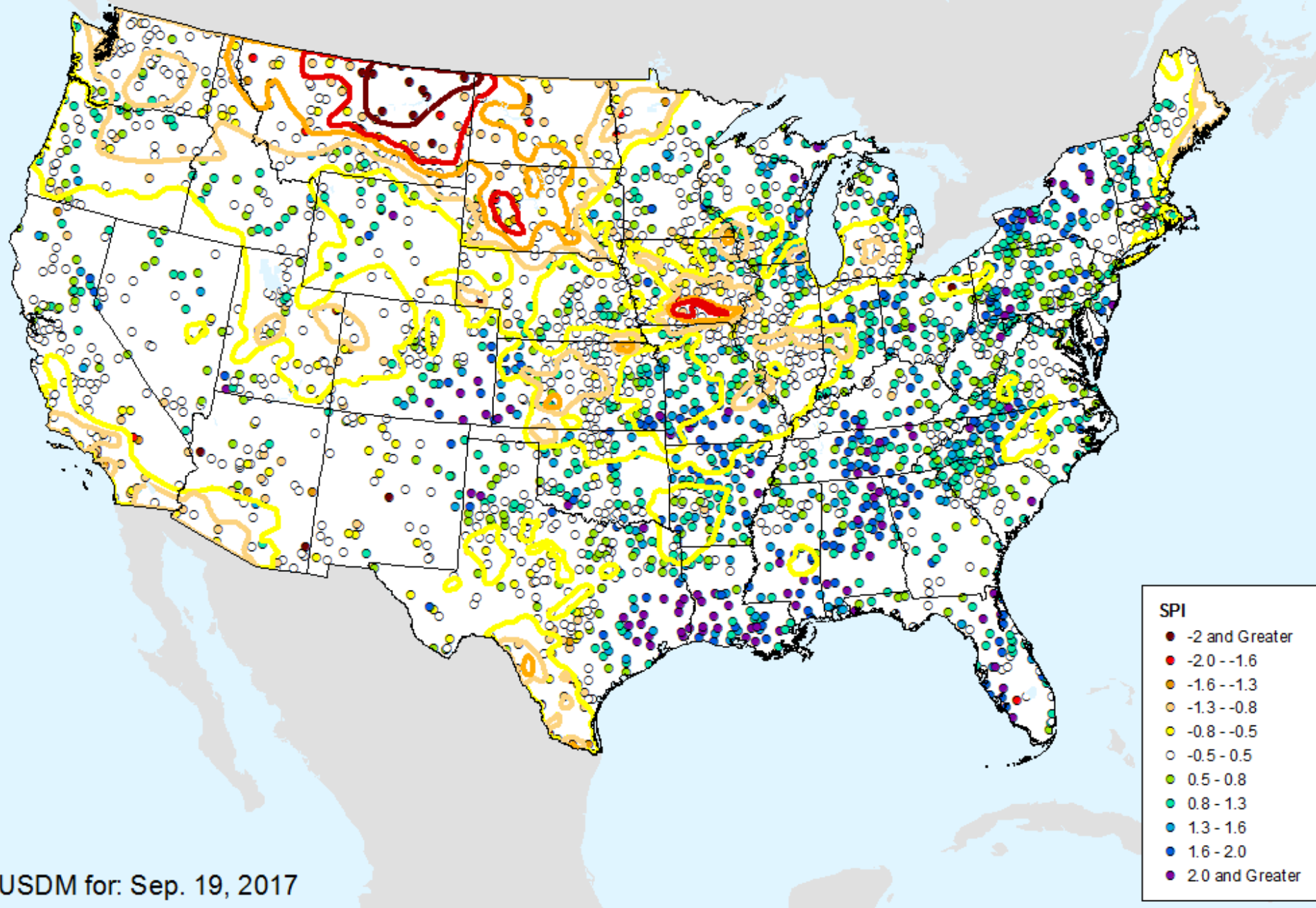
HPRCC 4-month SPI

As of: Tuesday, September 26, 2017



HPRCC 6-month SPI

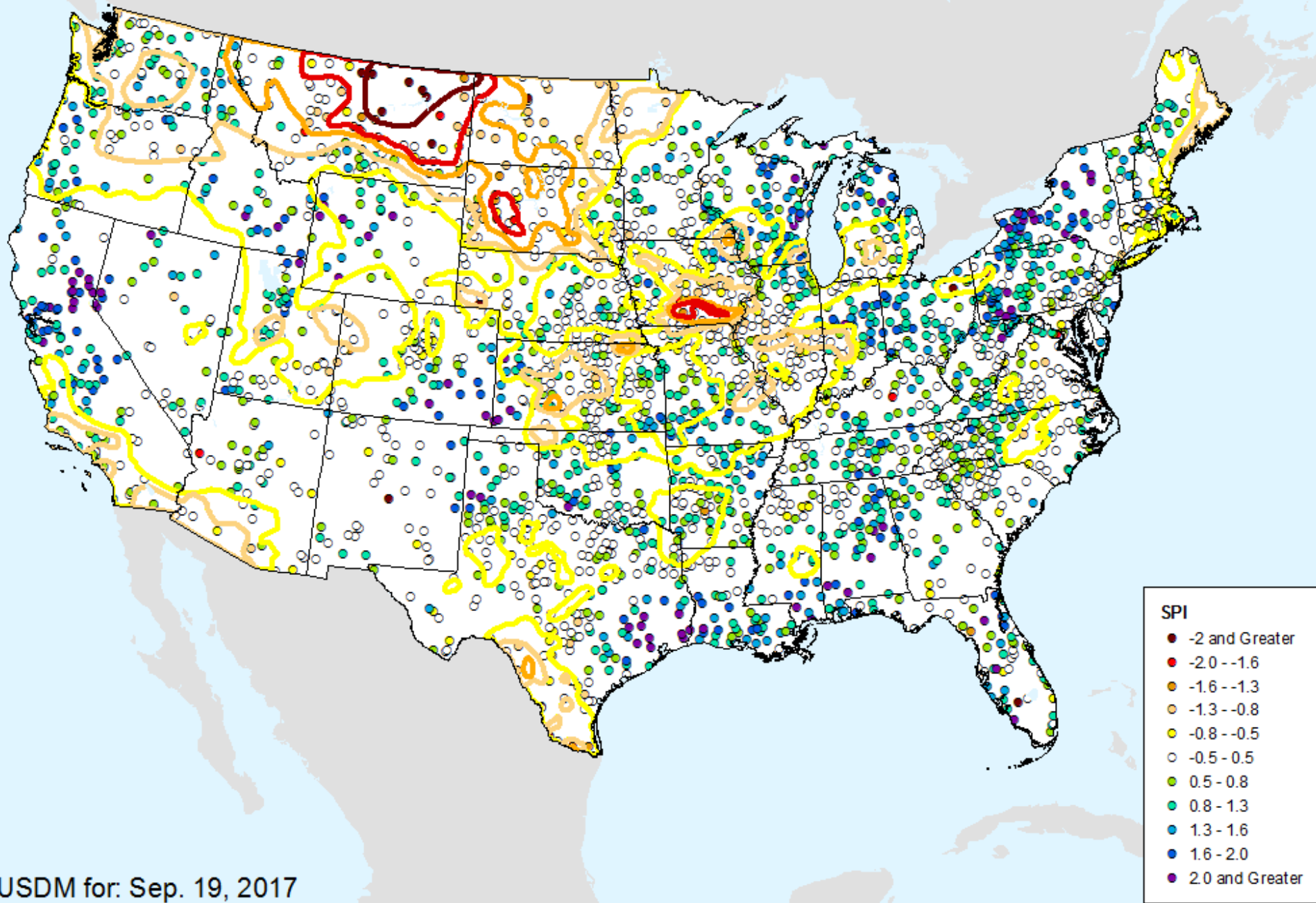
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

HPRCC 9-month SPI

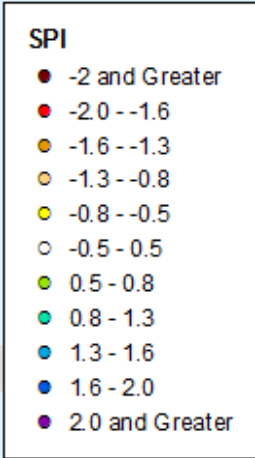
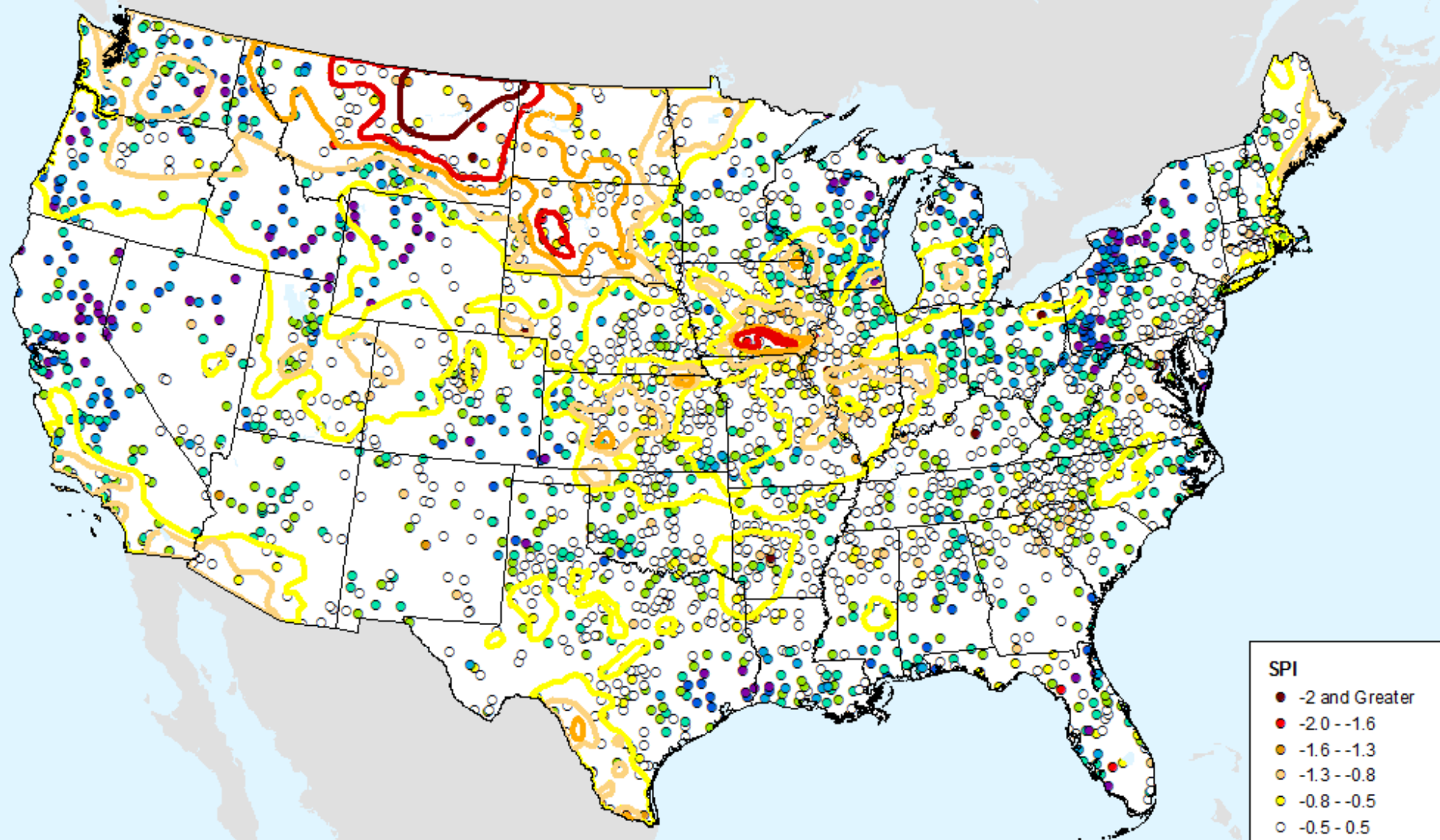
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

HPRCC 12-month SPI

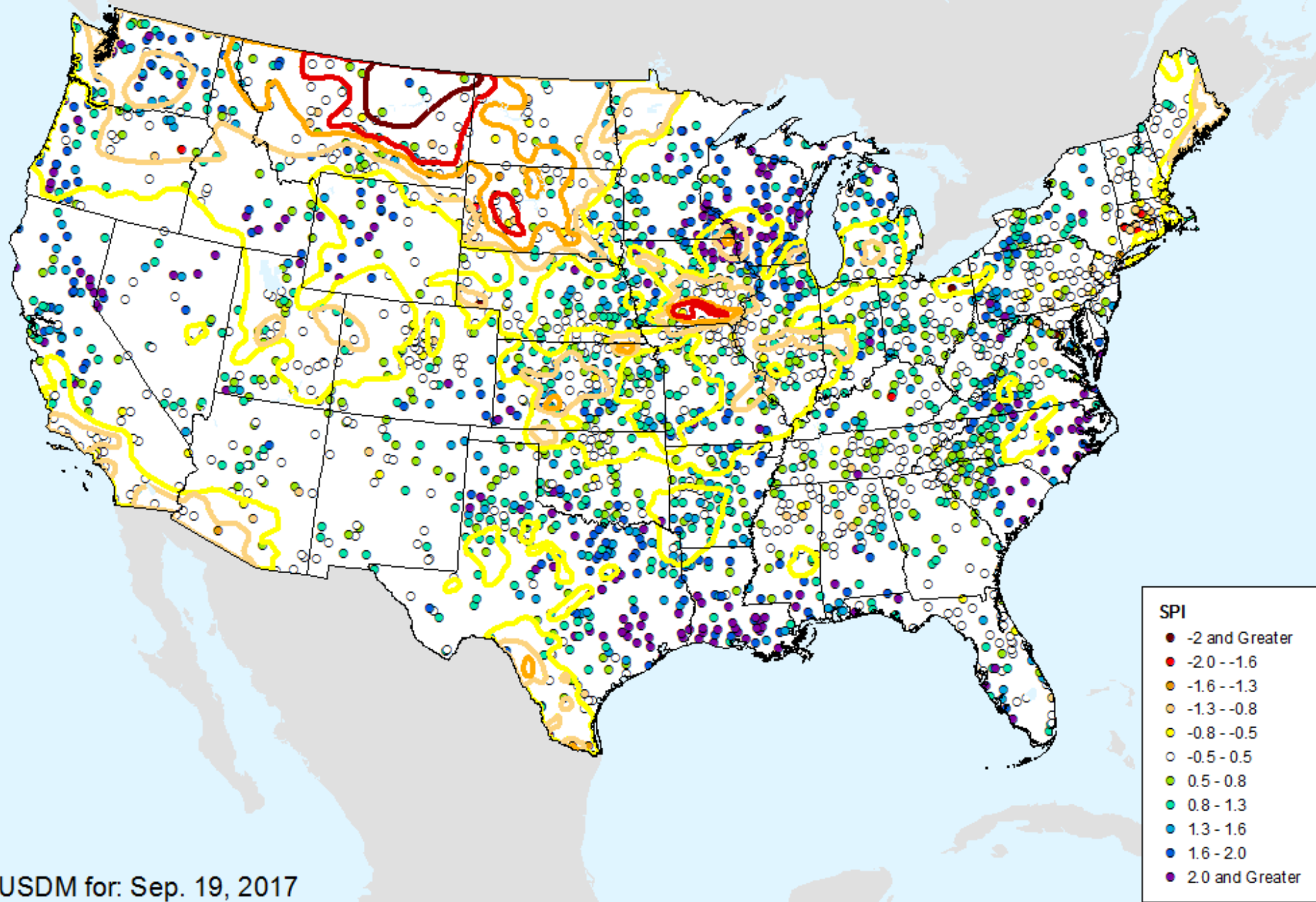
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

HPRCC 24-month SPI

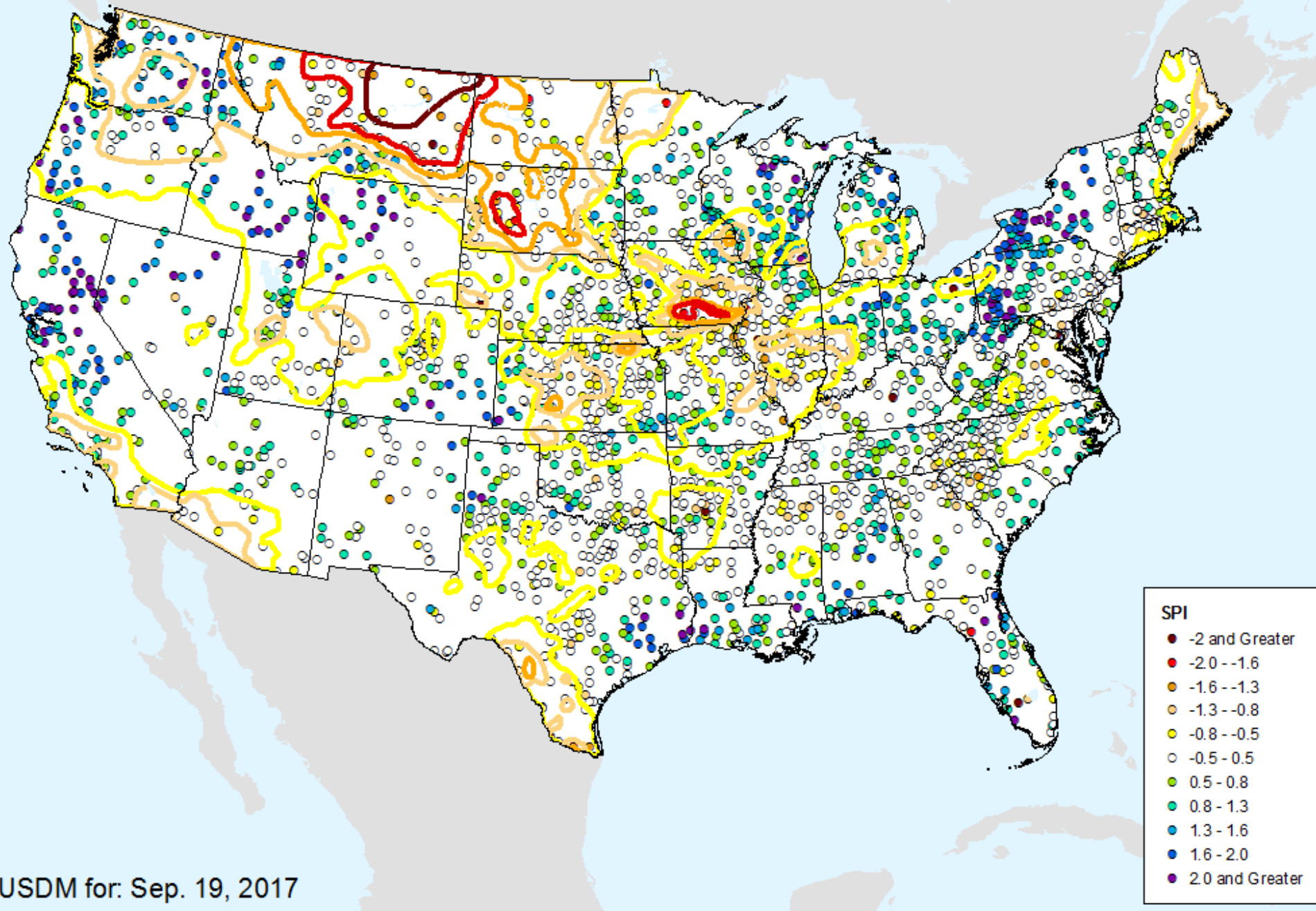
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

HPRCC Water Year-to-date SPI

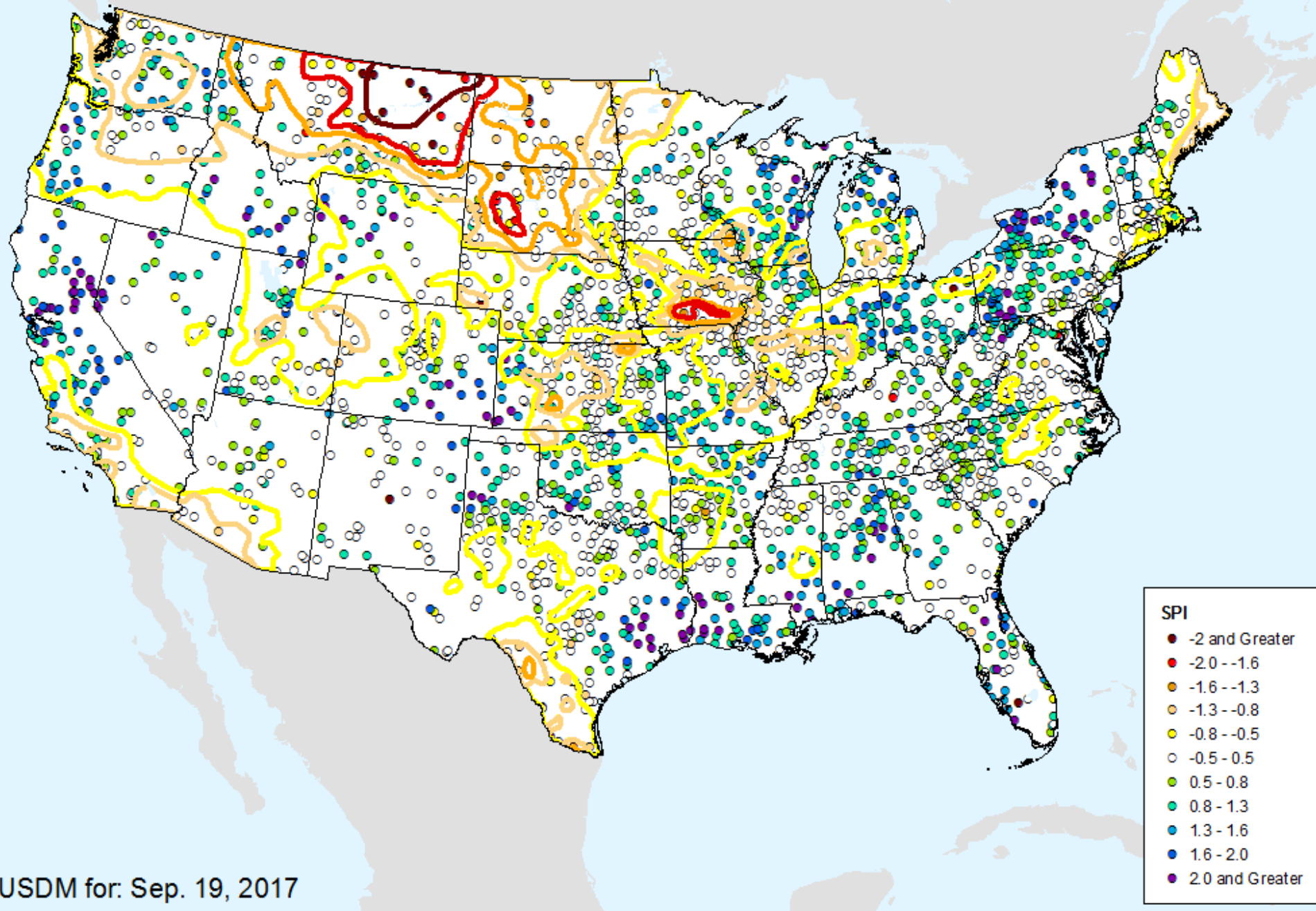
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

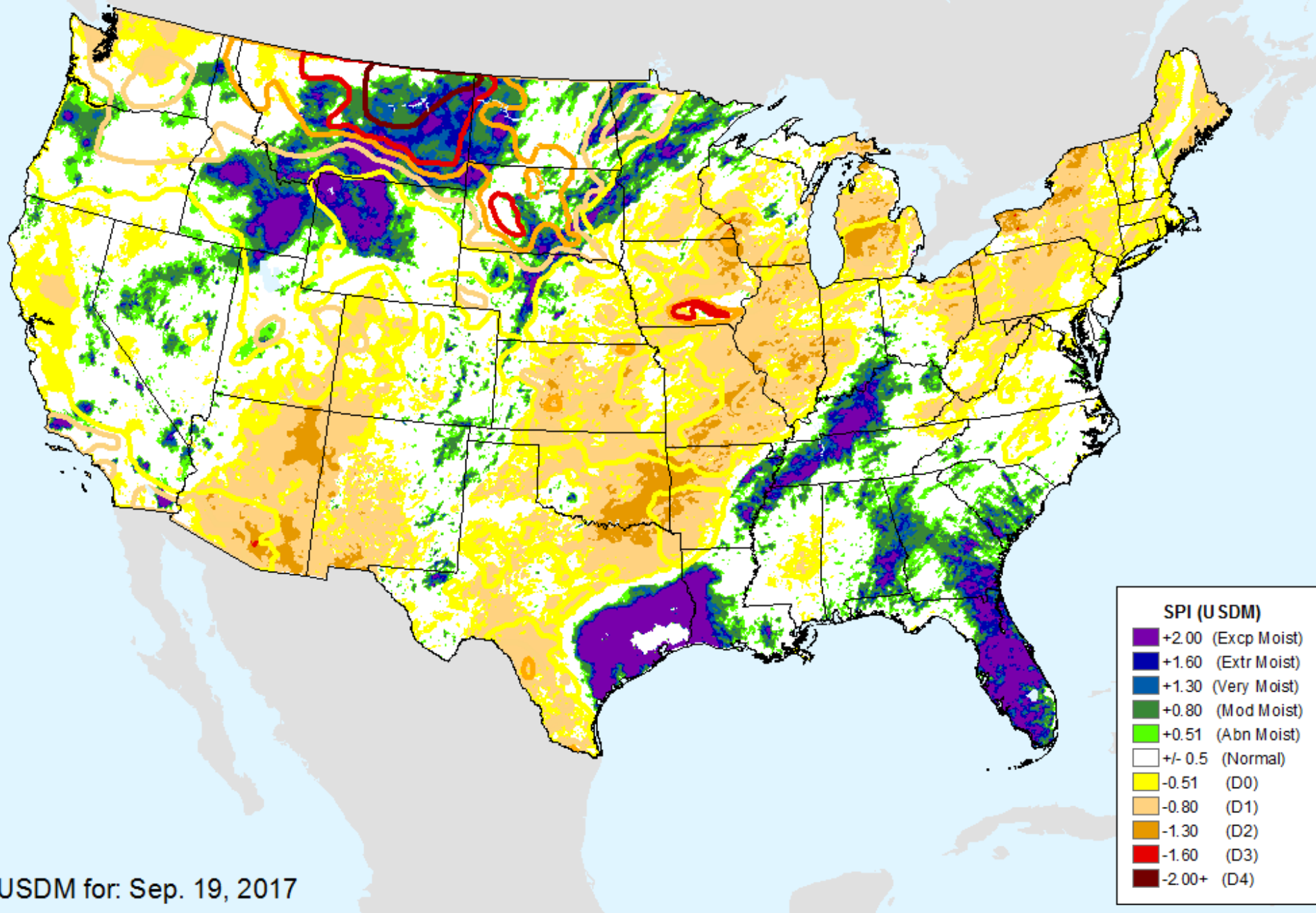
HPRCC Year-to-date SPI

As of: Tuesday, September 26, 2017



AHPS 1-month SPI

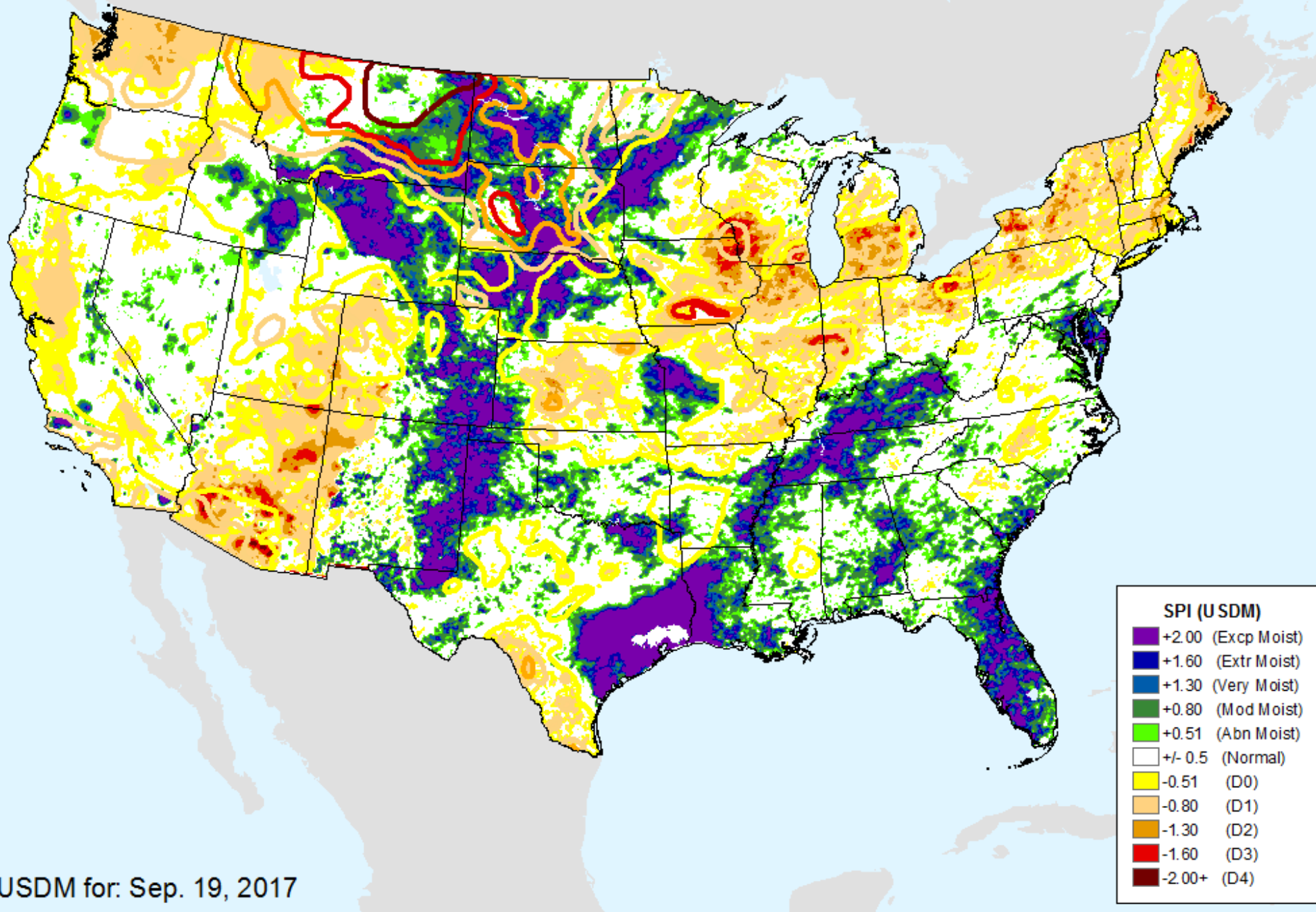
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 2-month SPI

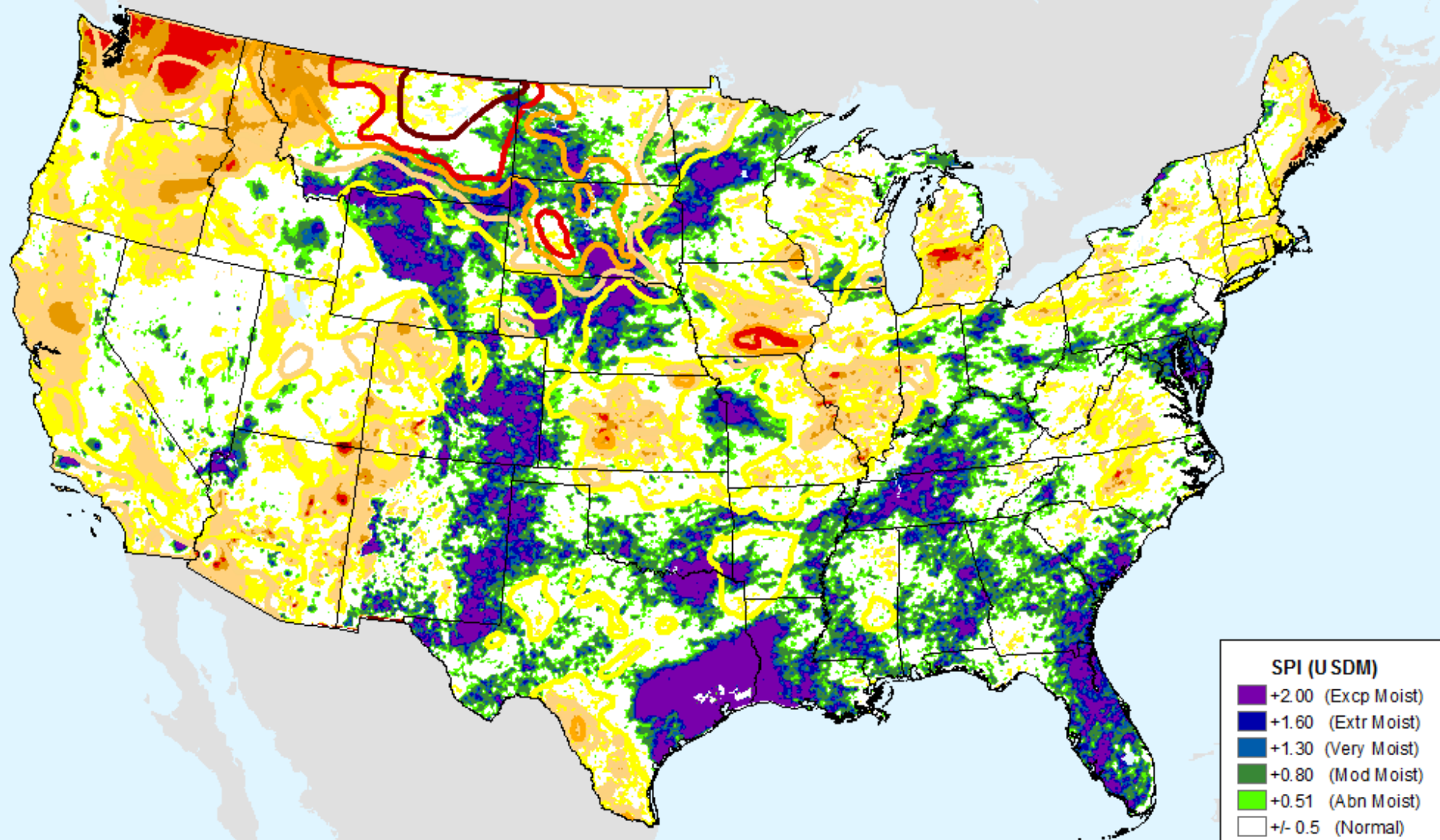
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 3-month SPI

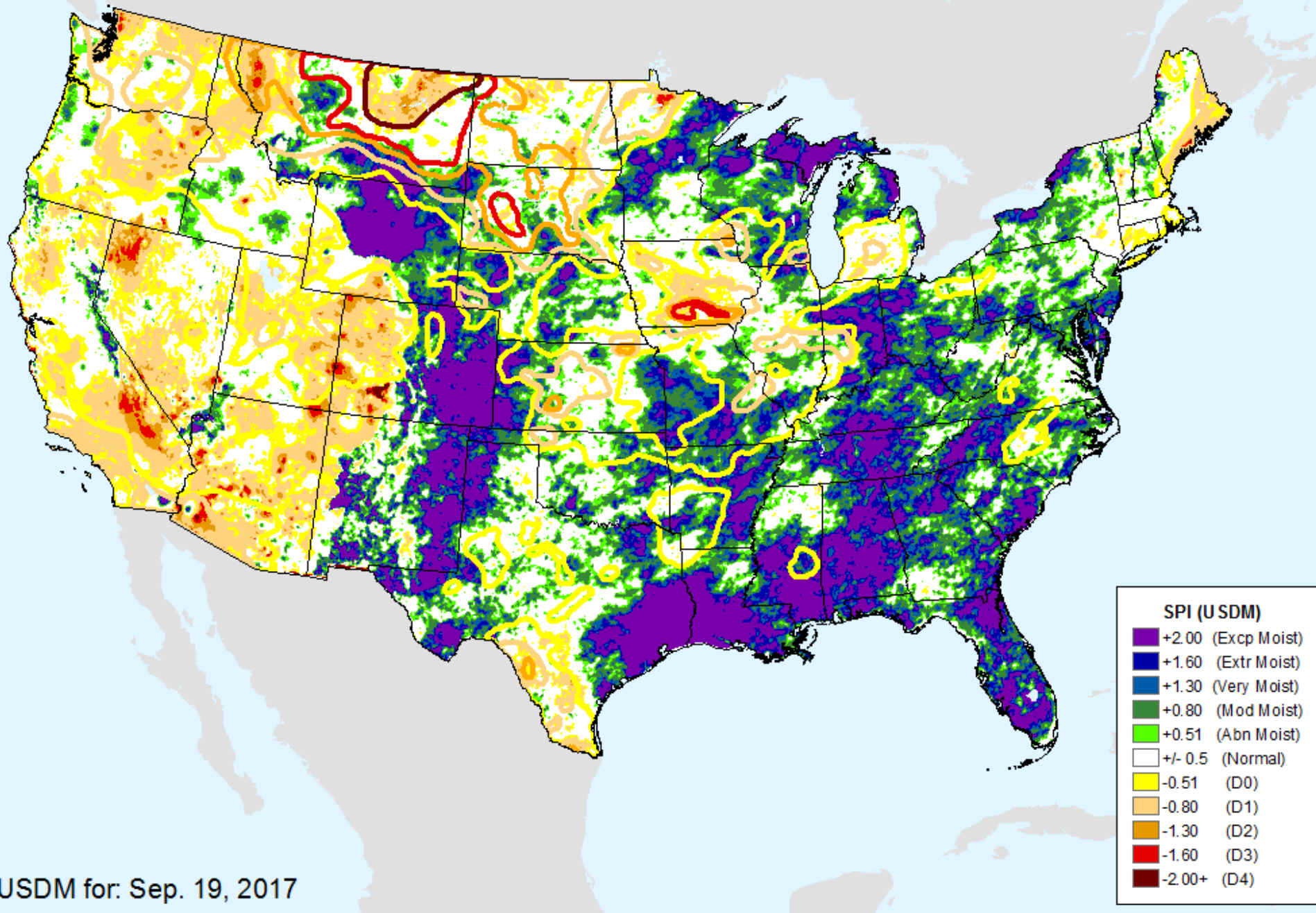
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

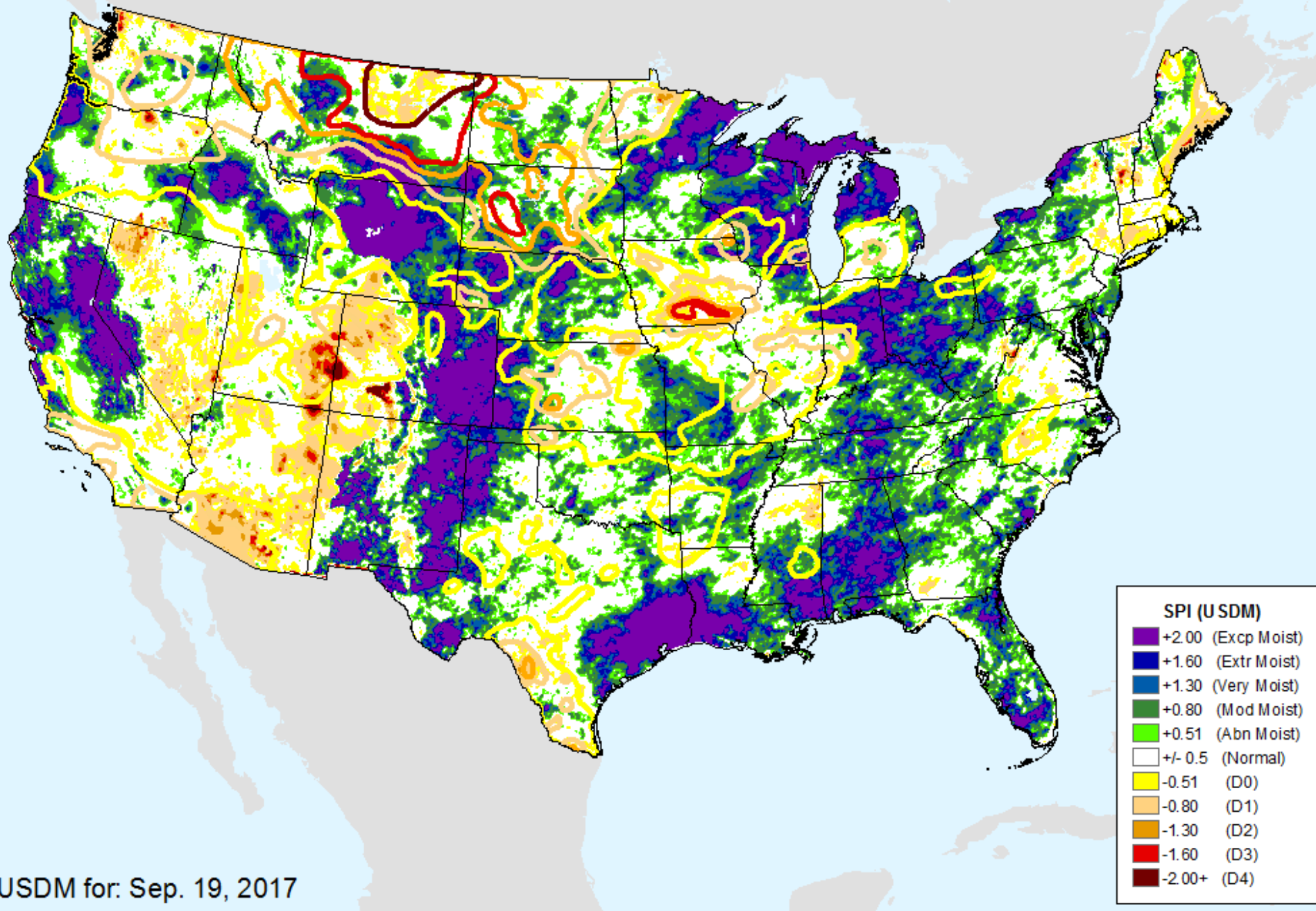
AHPS 6-month SPI

As of: Tuesday, September 26, 2017



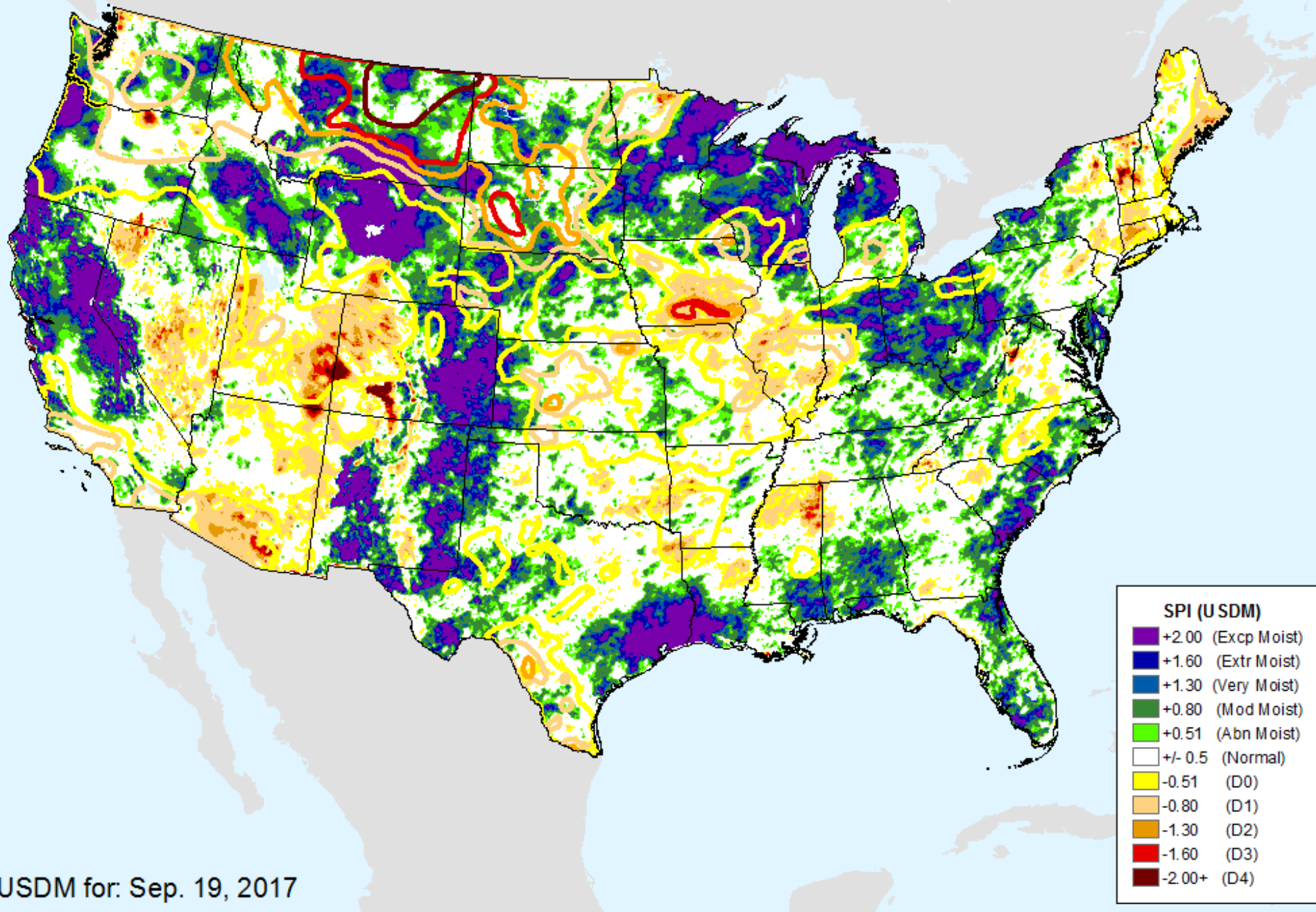
AHPS 9-month SPI

As of: Tuesday, September 26, 2017



AHPS 12-month SPI

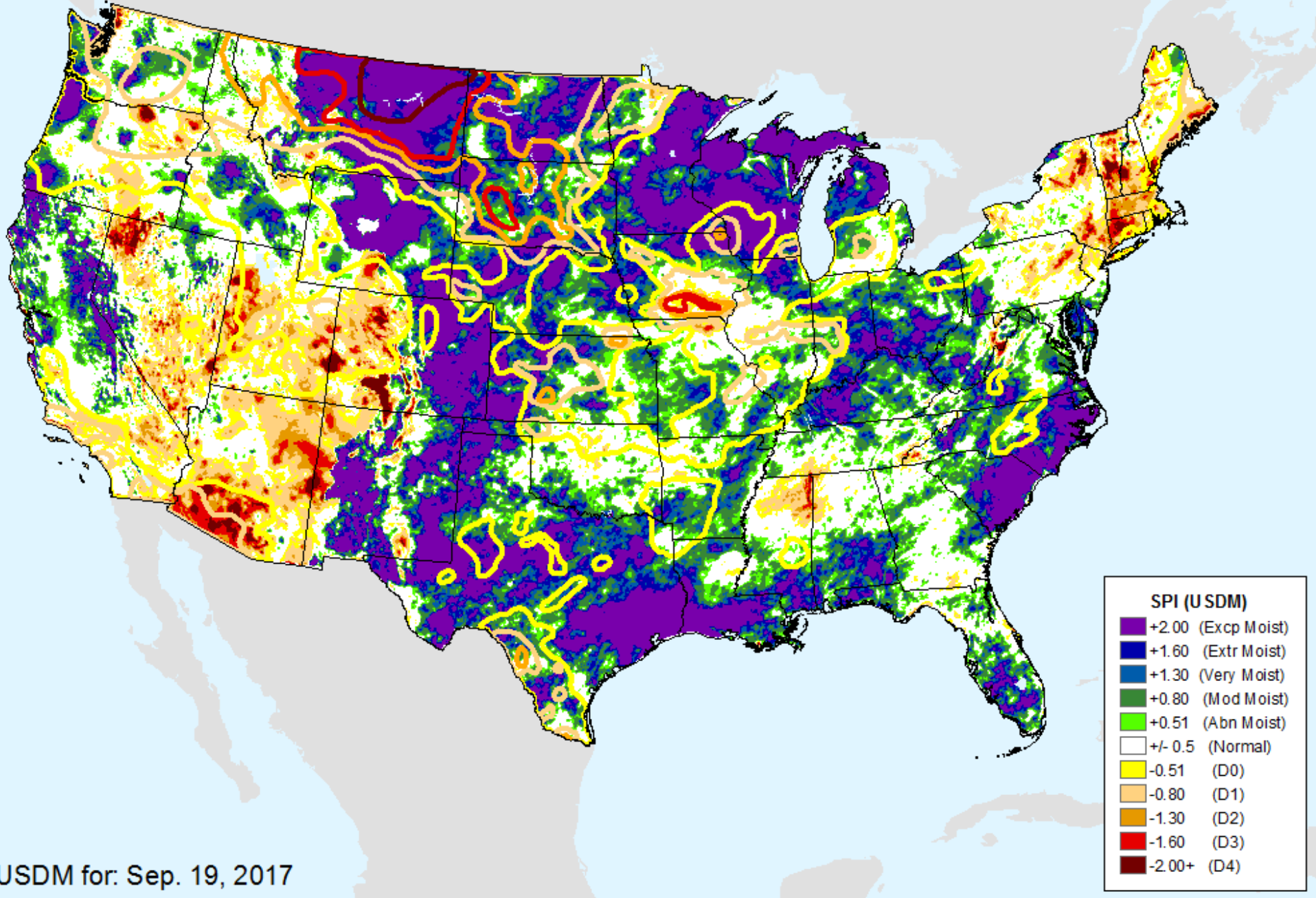
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 24-month SPI

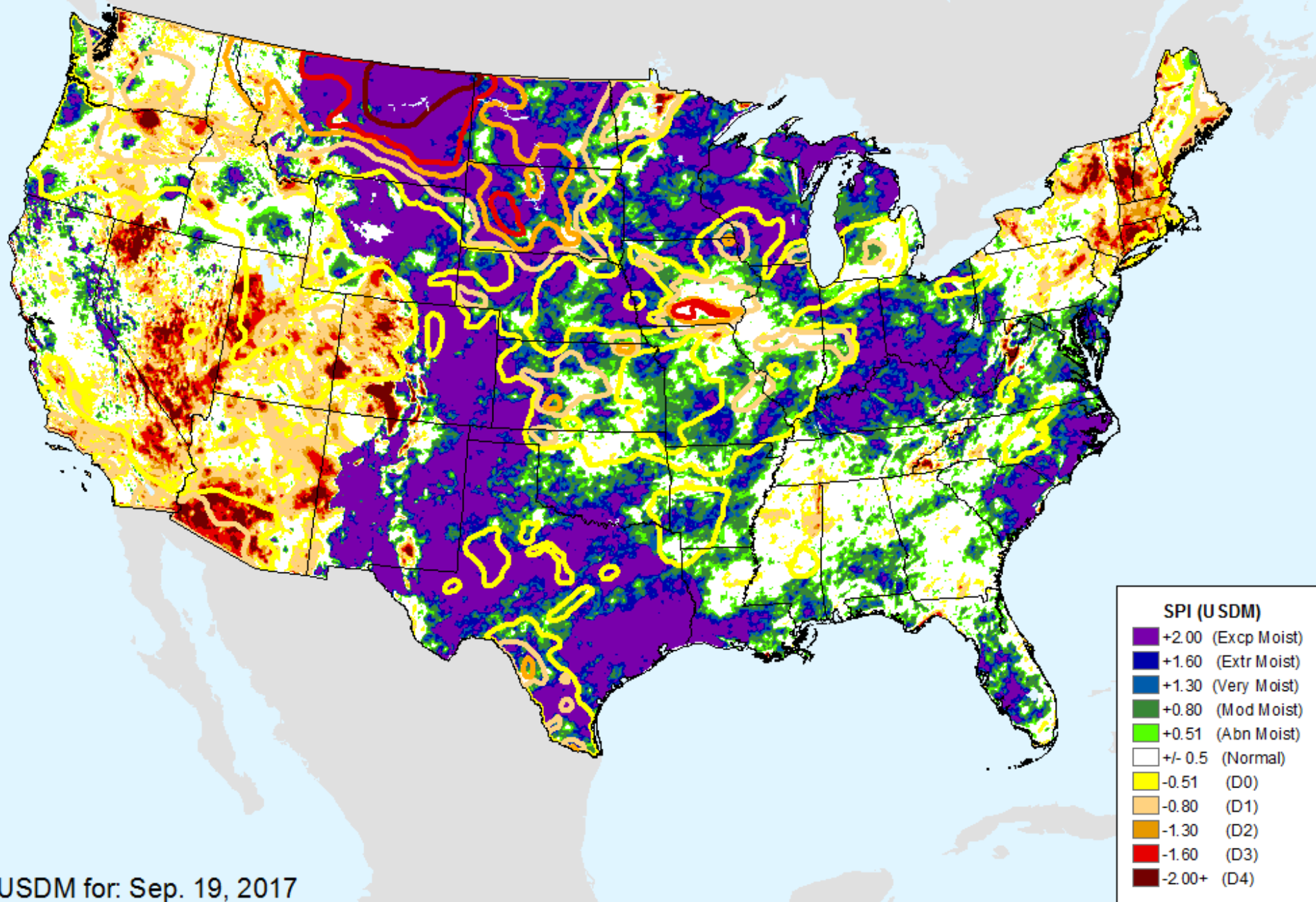
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 36-month SPI

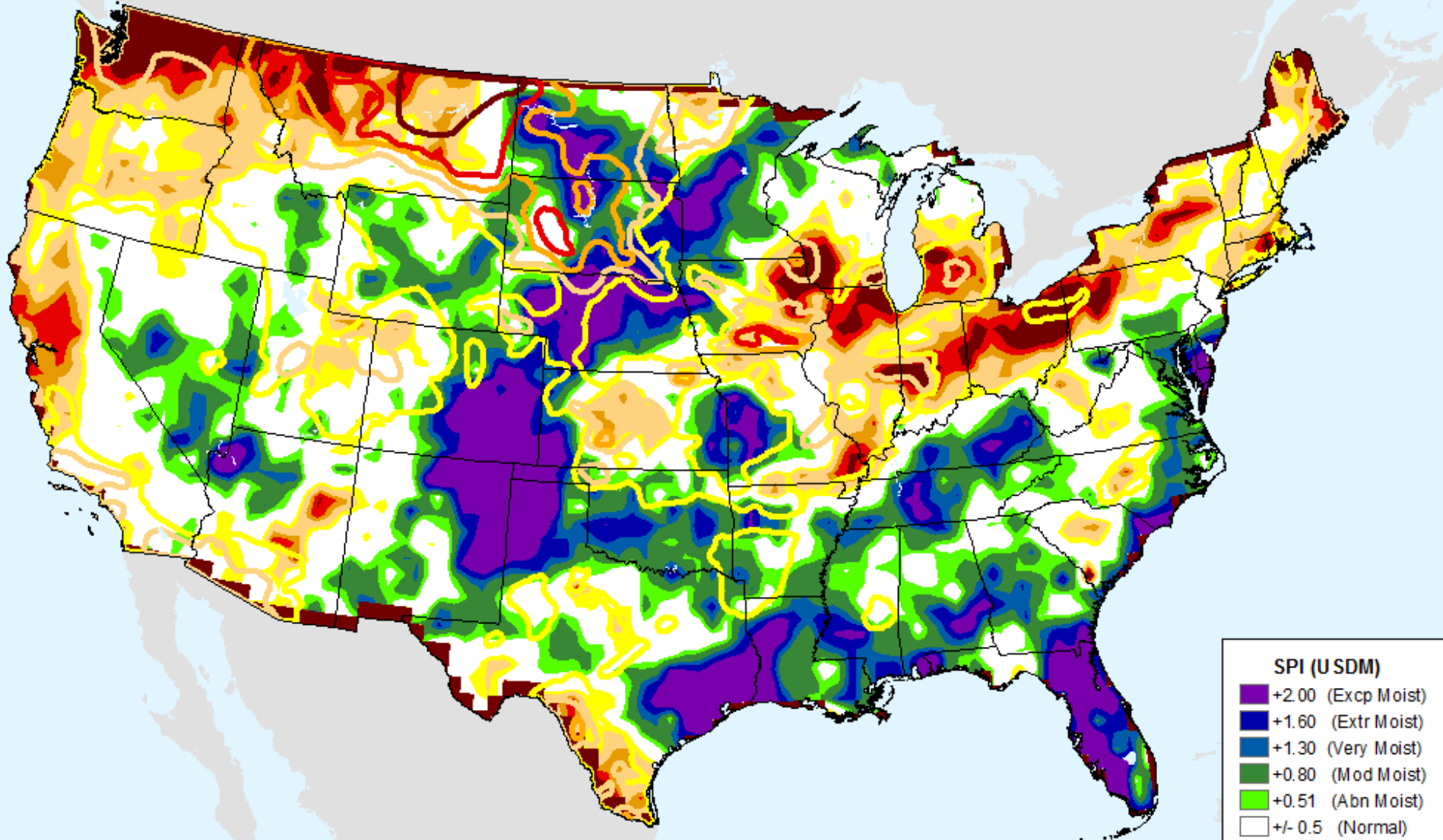
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

CPC 3-month SPI

As of: Tuesday, September 26, 2017

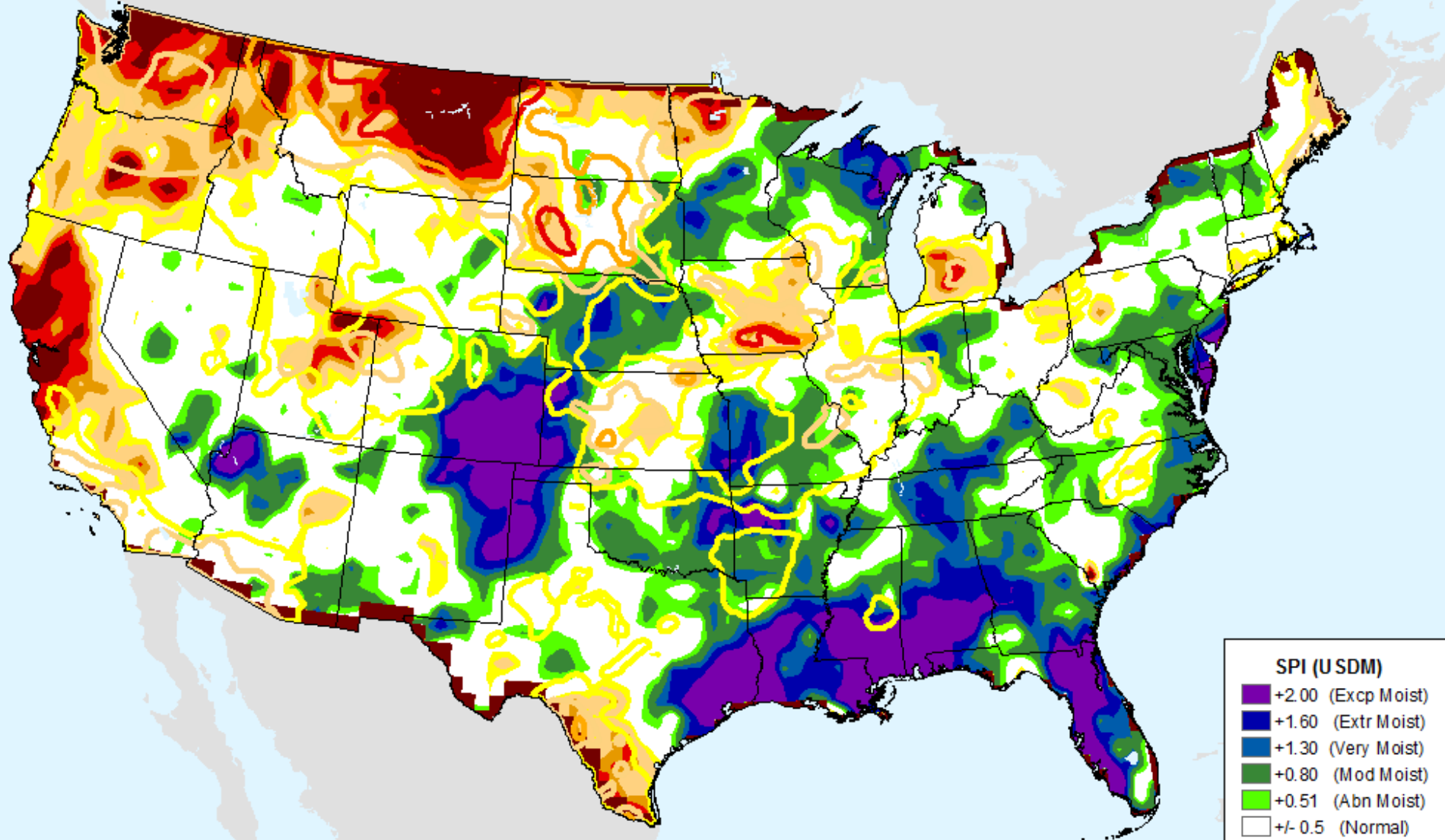


| SPI (USDM) | |
|--------------|--------------------|
| Dark Purple | +2.00 (Excp Moist) |
| Dark Blue | +1.60 (Extr Moist) |
| Blue | +1.30 (Very Moist) |
| Green | +0.80 (Mod Moist) |
| Light Green | +0.51 (Abn Moist) |
| White | +/- 0.5 (Normal) |
| Yellow | -0.51 (D0) |
| Light Orange | -0.80 (D1)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

USDM for: Sep. 19, 2017

CPC 6-month SPI

As of: Tuesday, September 26, 2017

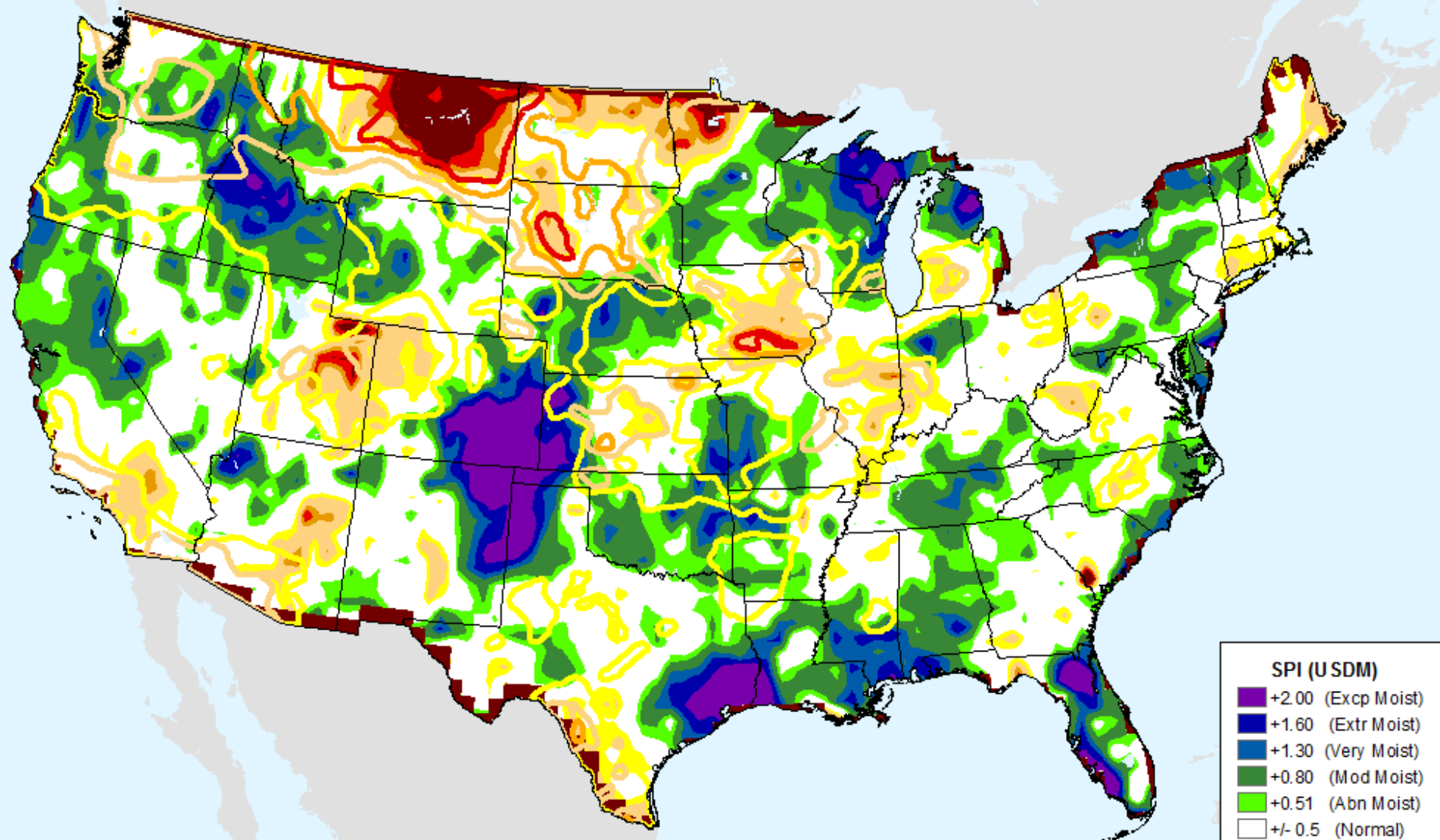


| SPI (USDM) | |
|--------------|--------------------|
| Dark Purple | +2.00 (Excp Moist) |
| Blue | +1.60 (Extr Moist) |
| Dark Blue | +1.30 (Very Moist) |
| Green | +0.80 (Mod Moist) |
| Light Green | +0.51 (Abn Moist) |
| White | +/- 0.5 (Normal) |
| Yellow | -0.51 (D0) |
| Light Orange | -0.80 (D1)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

USDM for: Sep. 19, 2017

CPC 9-month SPI

As of: Tuesday, September 26, 2017

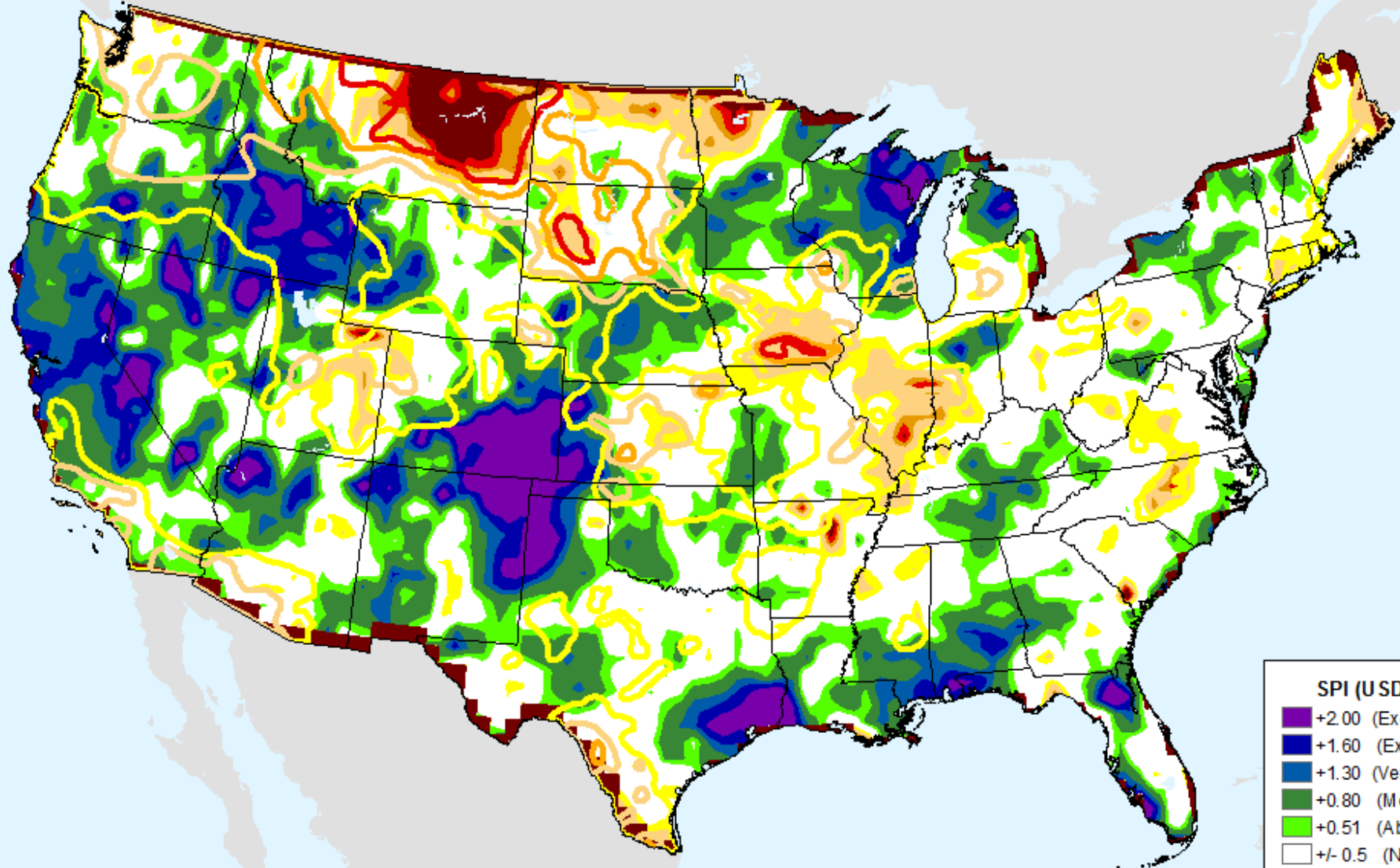


| SPI (USDM) | |
|--------------|--------------------|
| Dark Purple | +2.00 (Excp Moist) |
| Dark Blue | +1.60 (Extr Moist) |
| Blue | +1.30 (Very Moist) |
| Green | +0.80 (Mod Moist) |
| Light Green | +0.51 (Abn Moist) |
| White | +/- 0.5 (Normal) |
| Yellow | -0.51 (D0) |
| Light Orange | -0.80 (D1)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

USDM for: Sep. 19, 2017

CPC 12-month SPI

As of: Tuesday, September 26, 2017



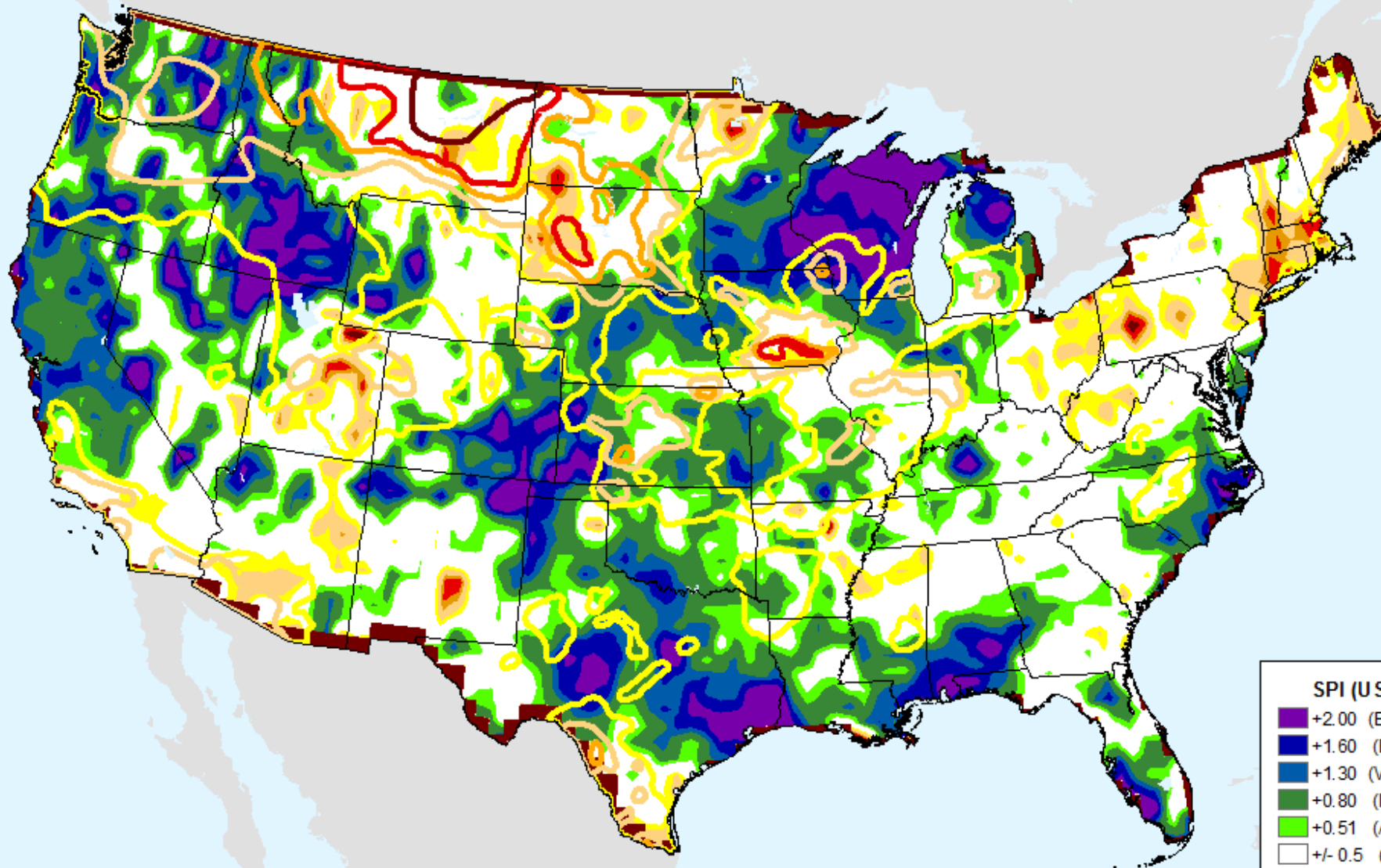
SPI (USDM)

- +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: Sep. 19, 2017

CPC 24-month SPI

As of: Tuesday, September 26, 2017



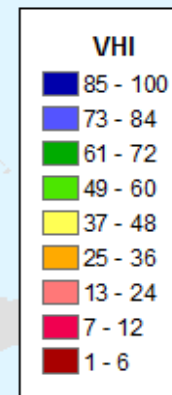
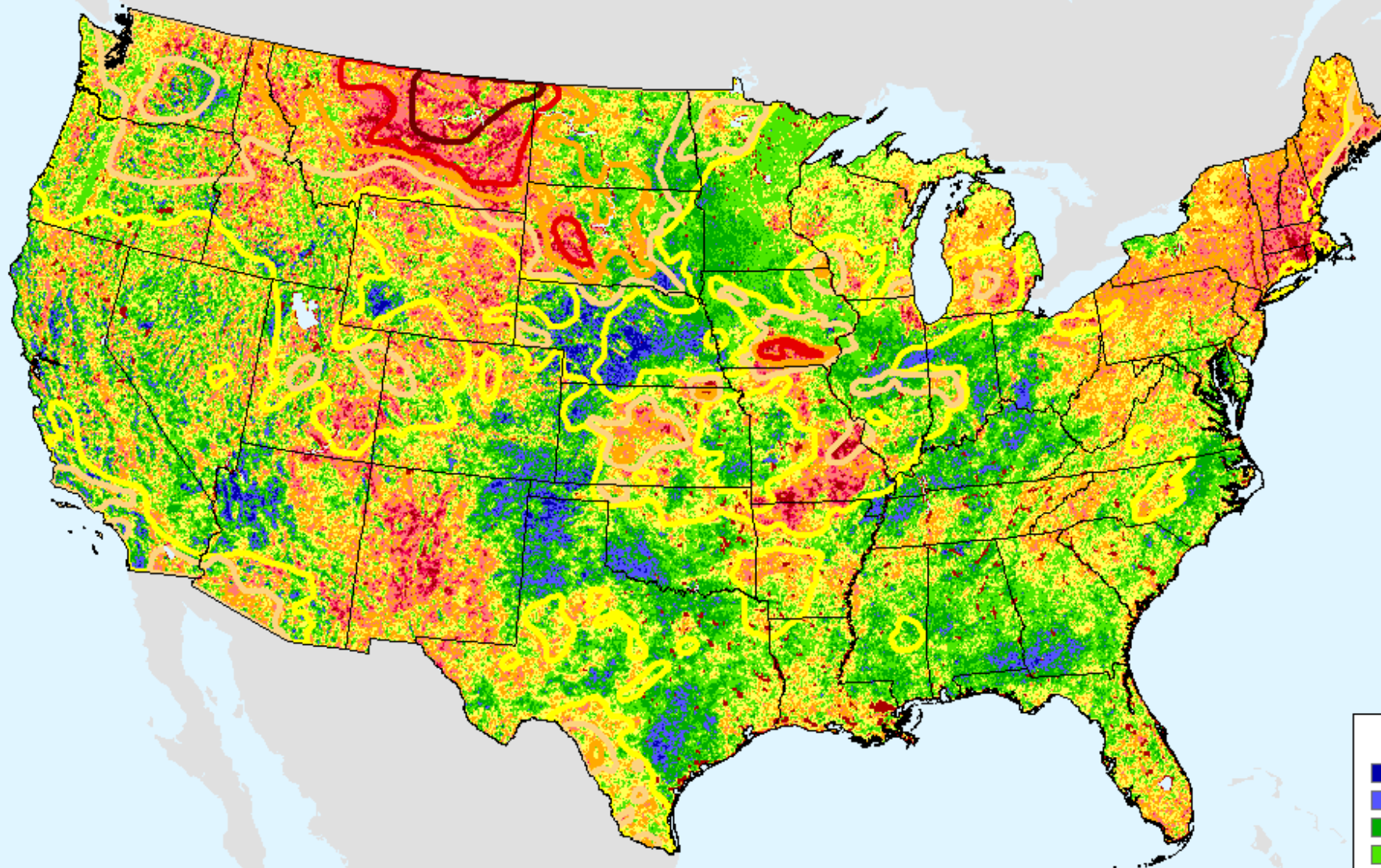
SPI (USDM)

- +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: Sep. 19, 2017

Vegetation Health Index

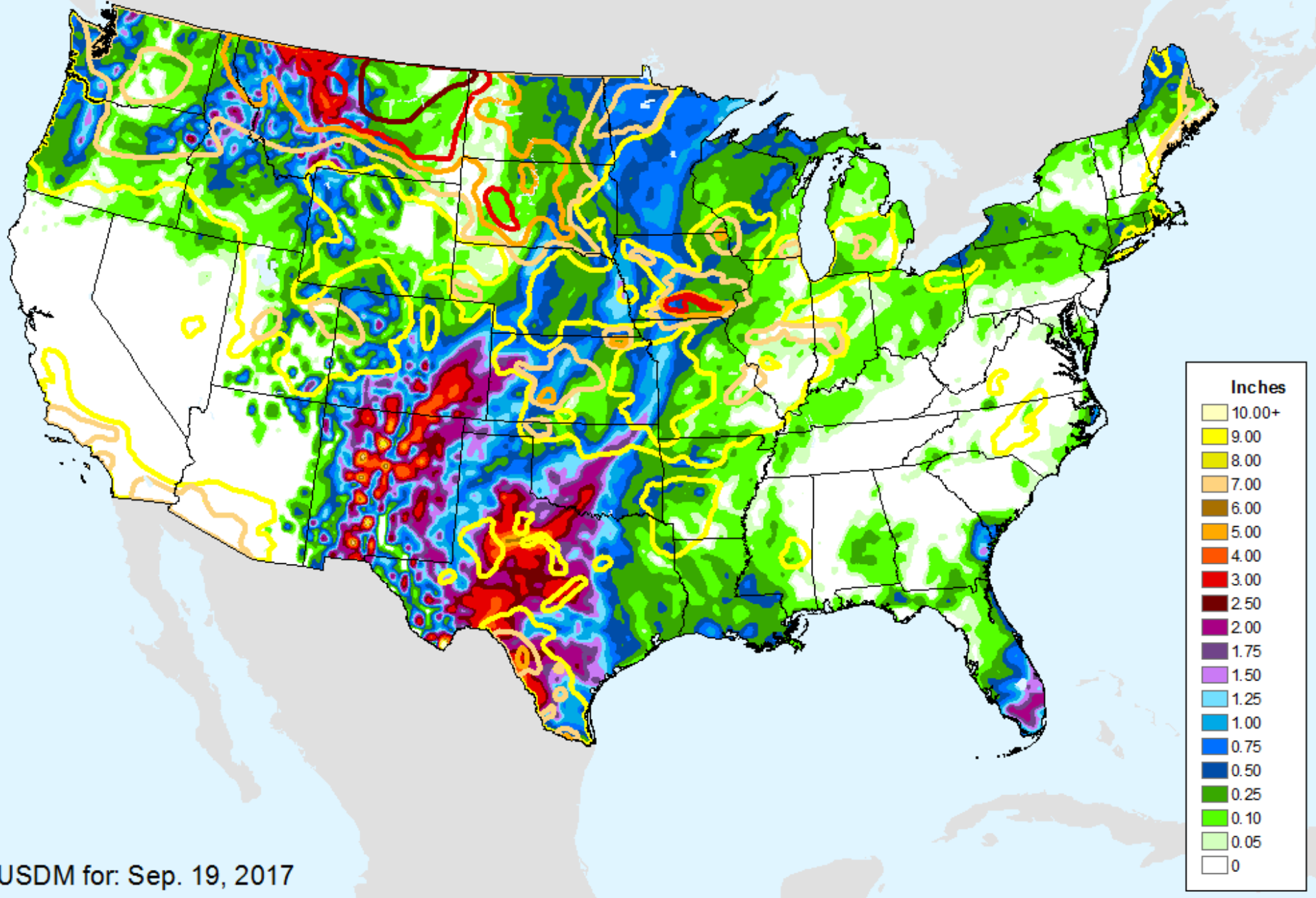
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

GFS (00z) 7-Day Precip Forecast

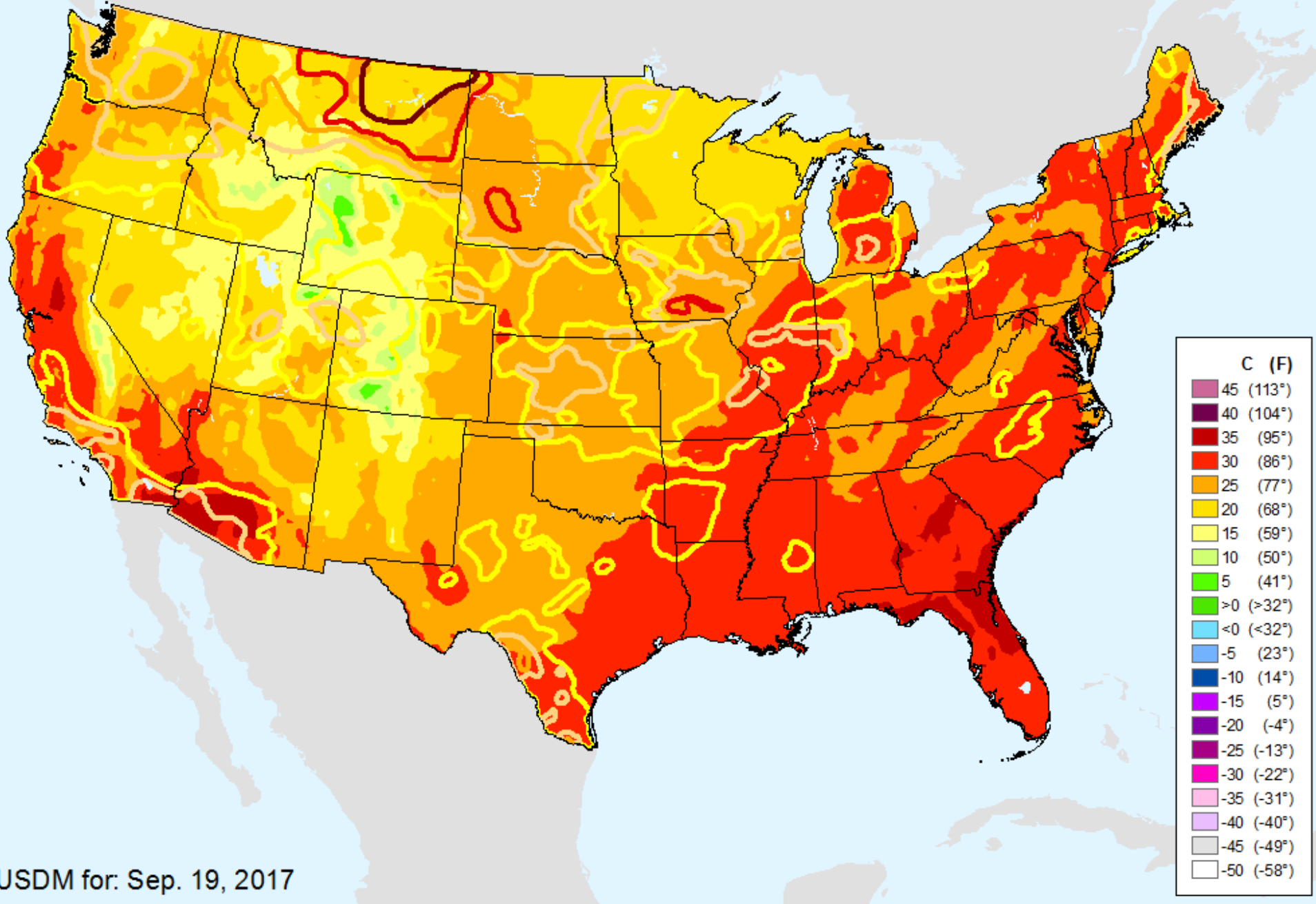
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

GFS (00z) 7-Day Max Temp Forecast

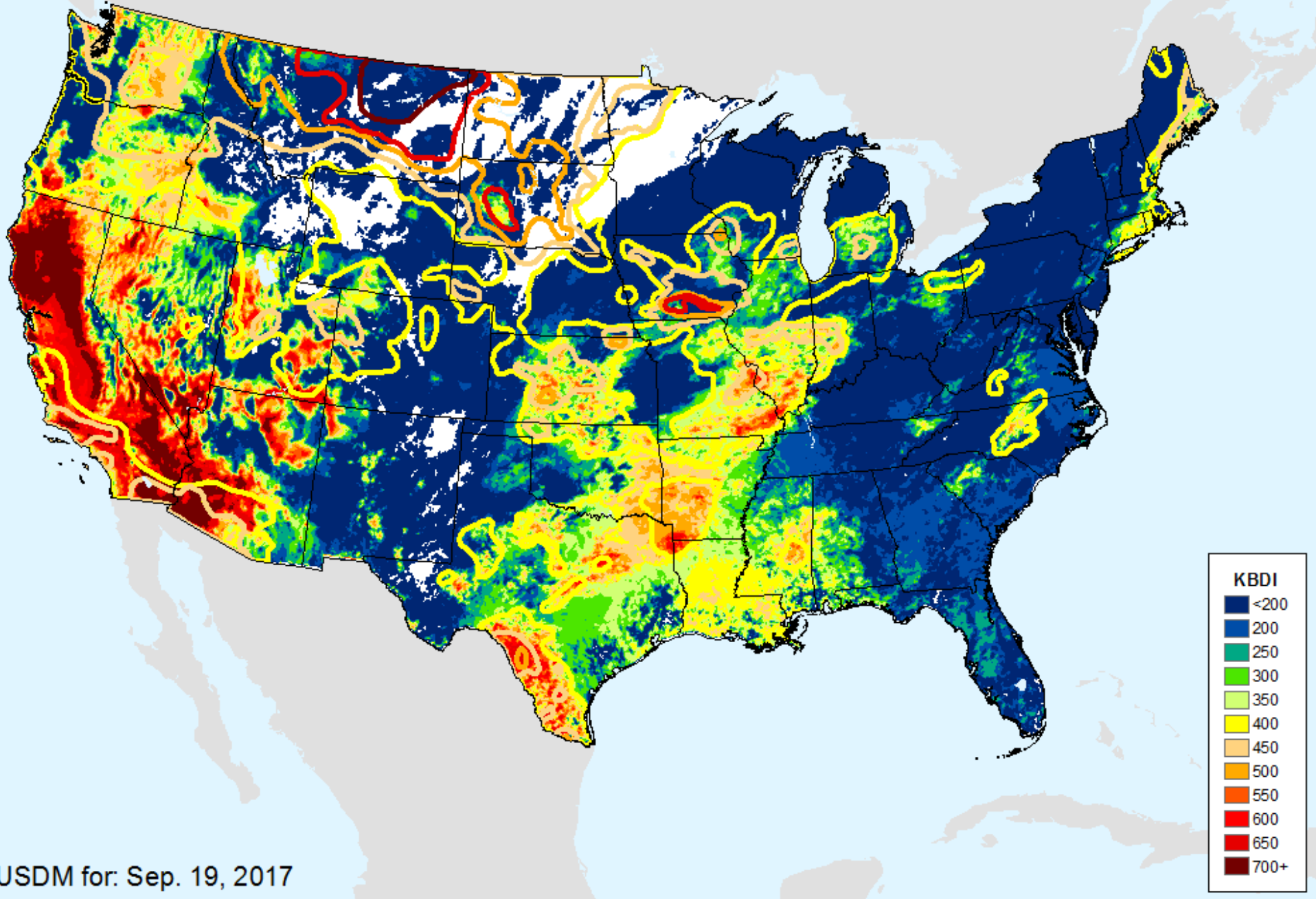
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

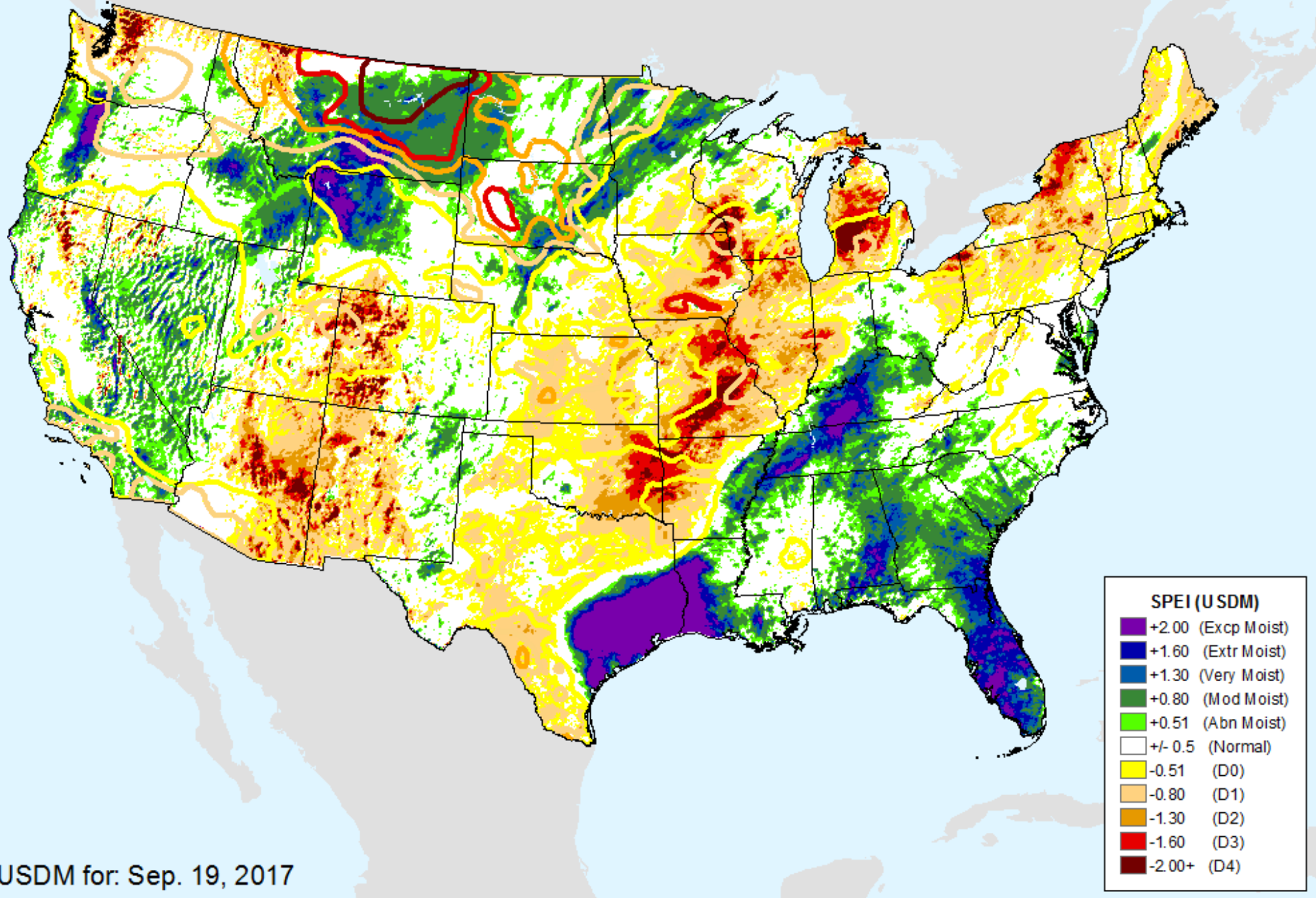
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, September 26, 2017



AHPS 1-month SPEI

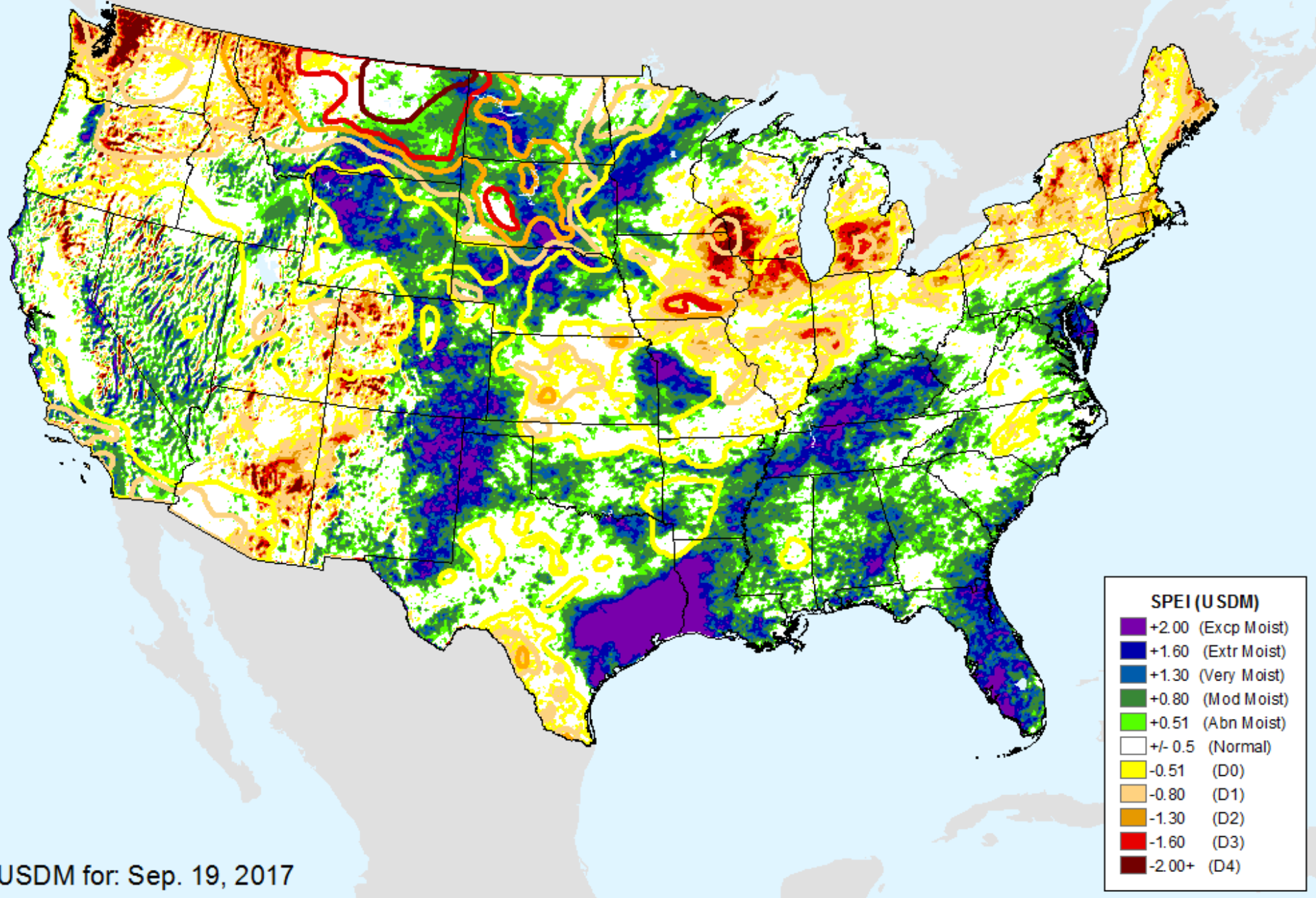
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 2-month SPEI

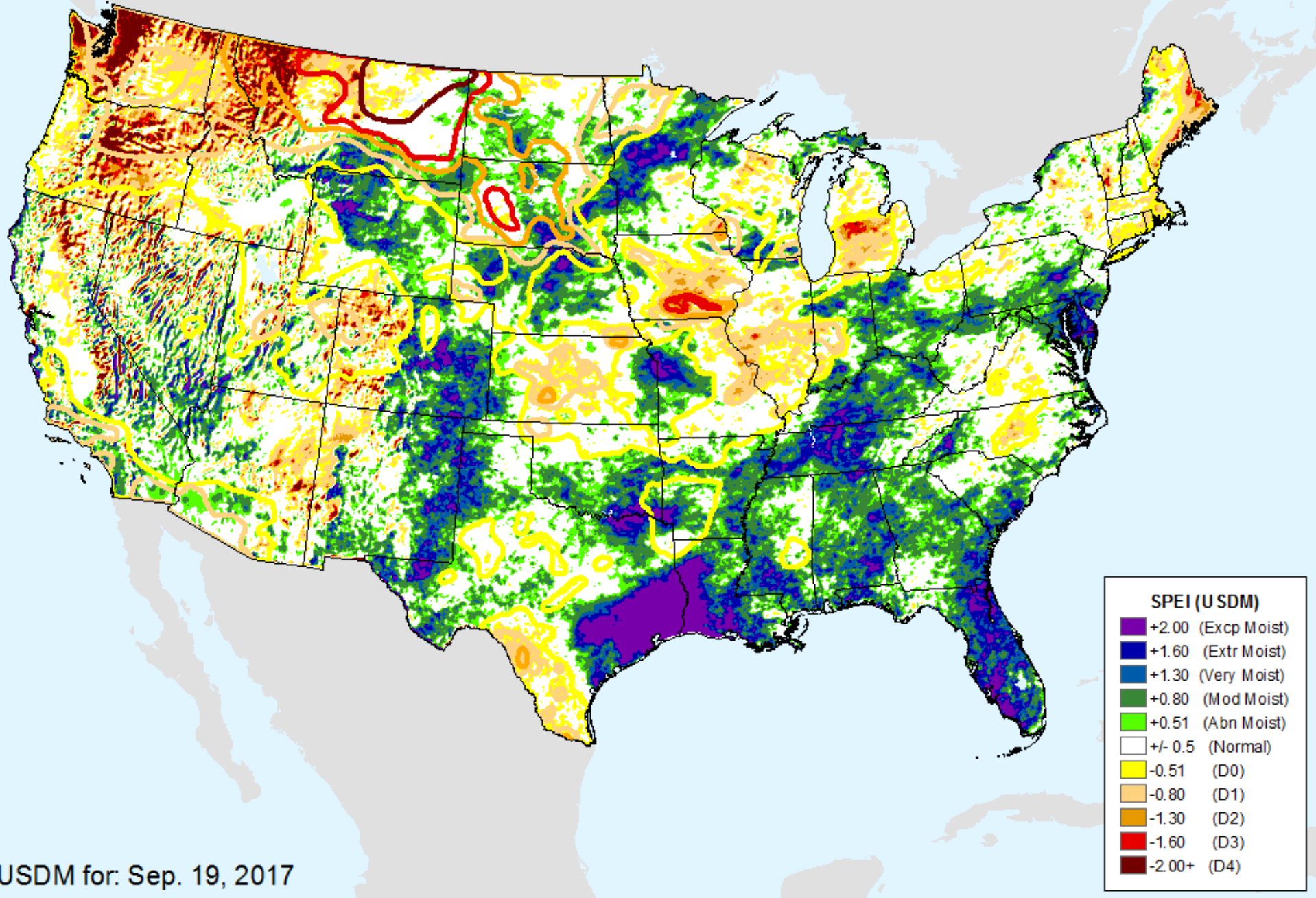
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 3-month SPEI

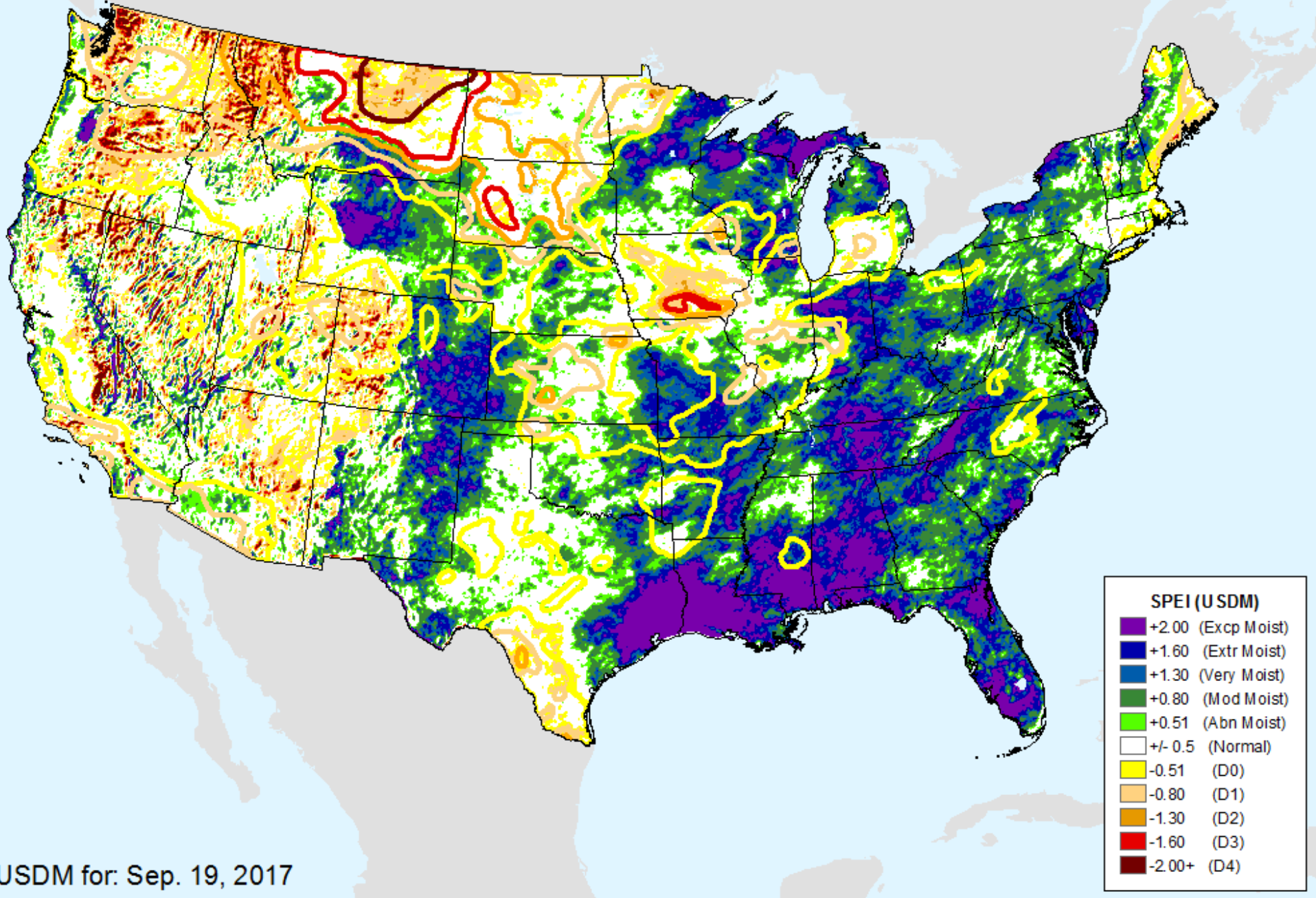
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 6-month SPEI

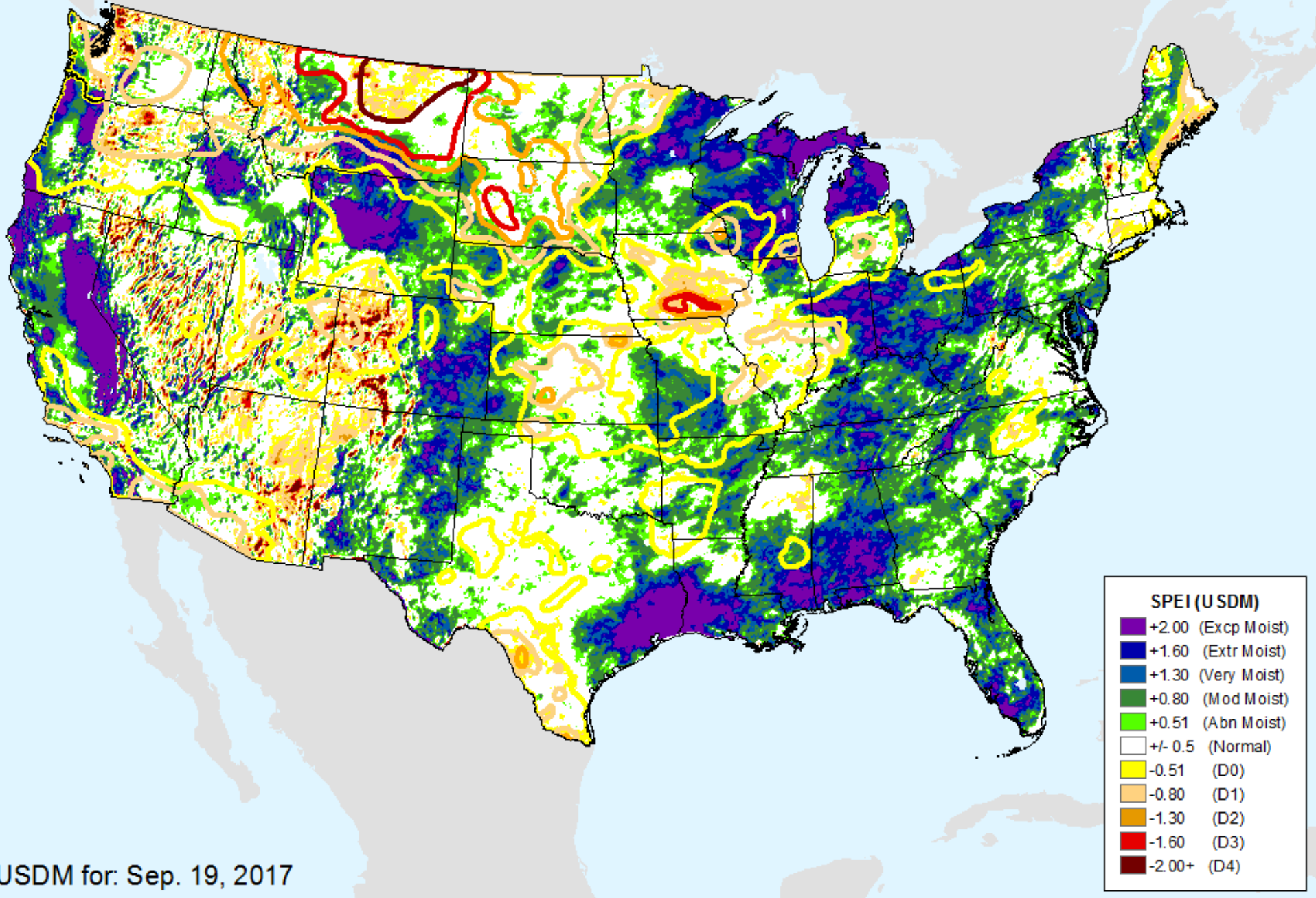
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 9-month SPEI

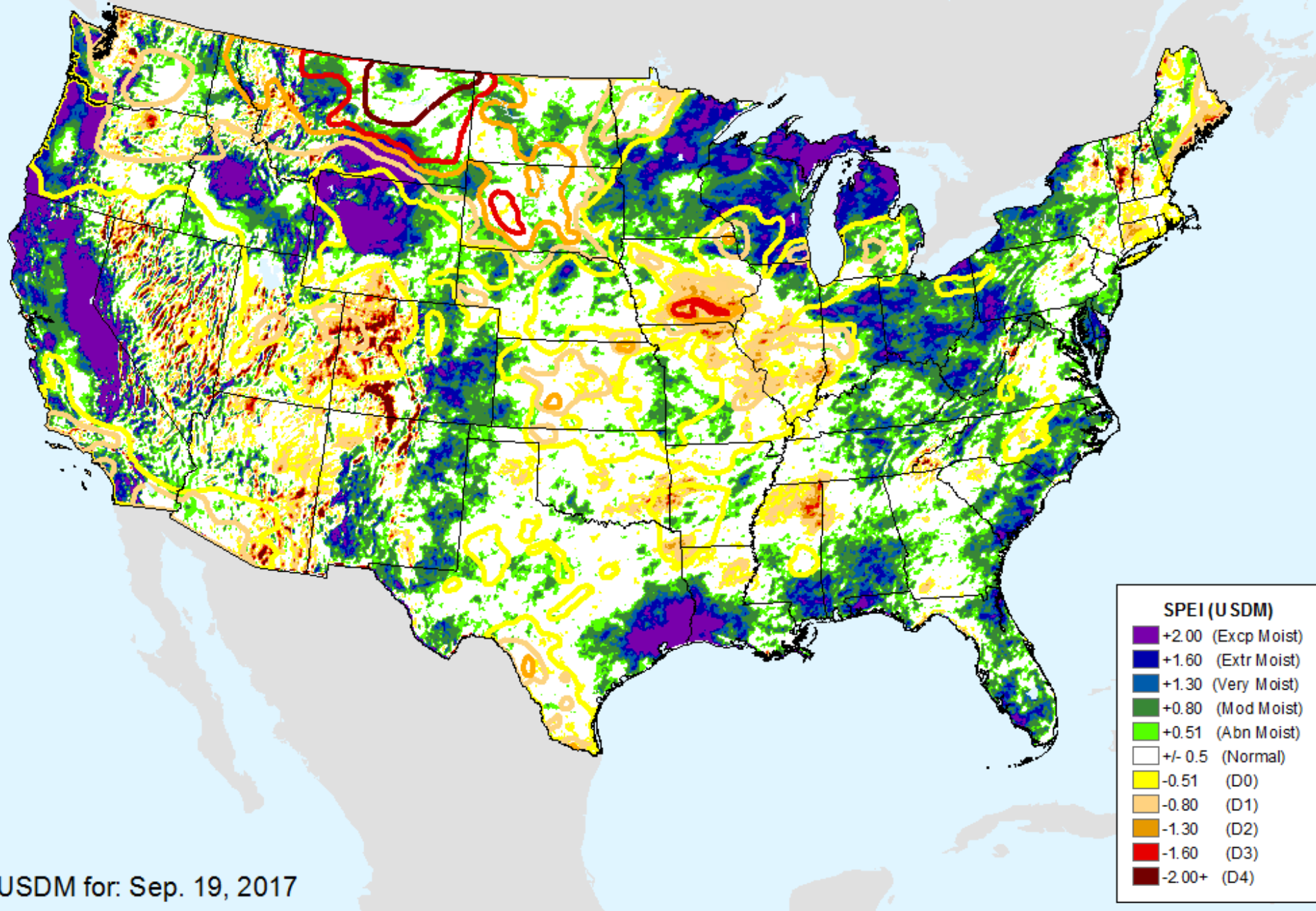
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 12-month SPEI

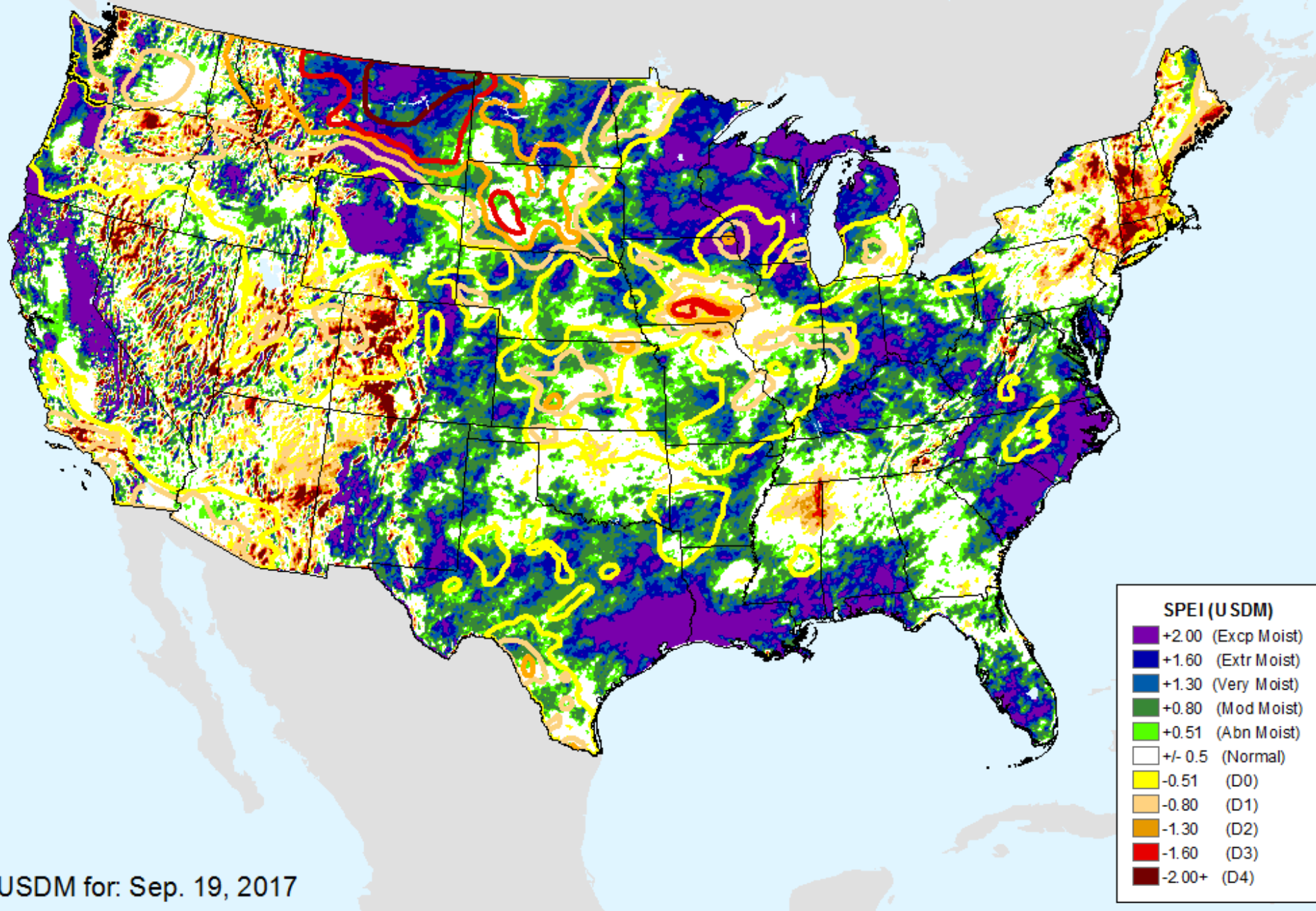
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 24-month SPEI

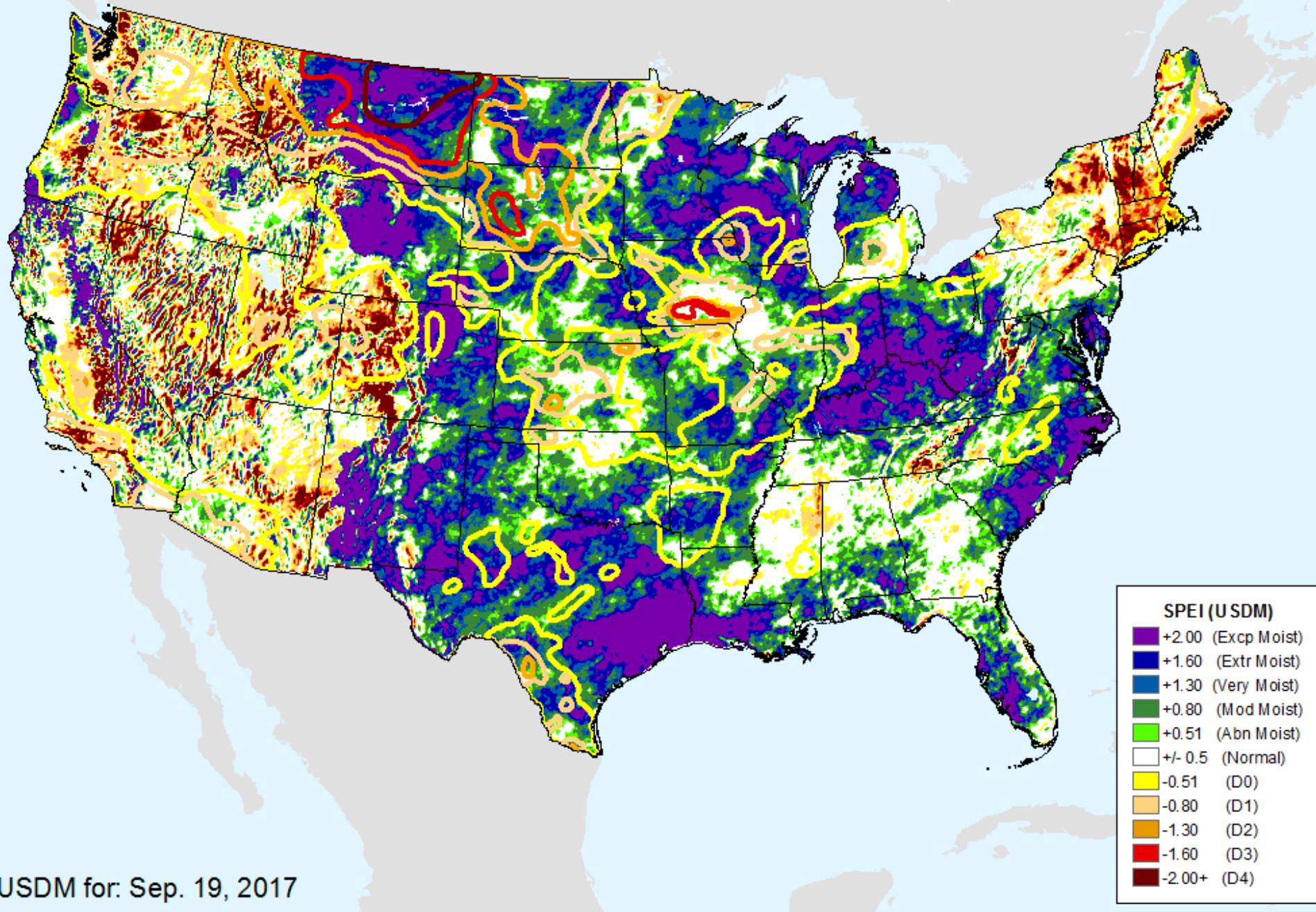
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

AHPS 36-month SPEI

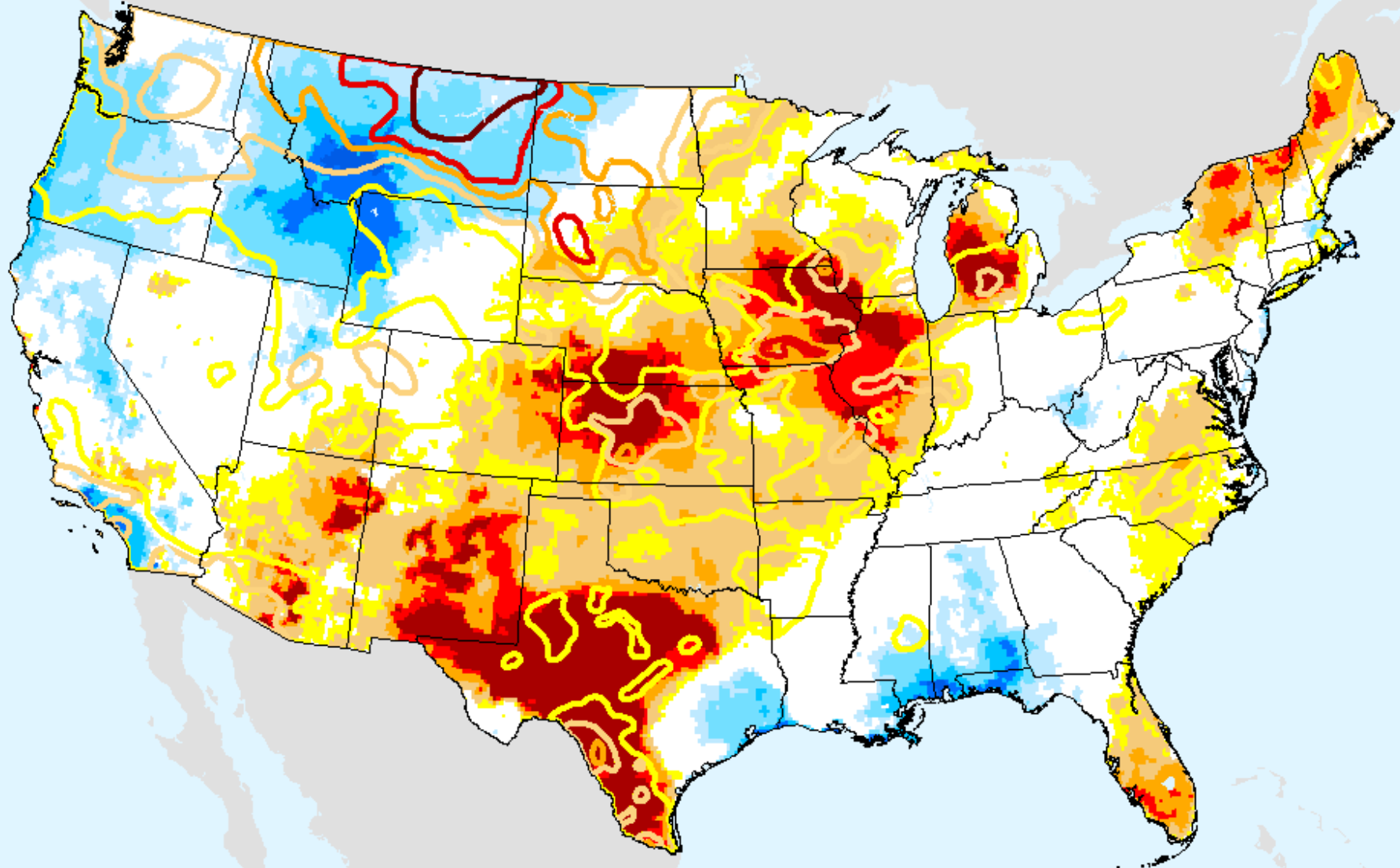
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

EDDI 1-week

As of: Tuesday, September 26, 2017



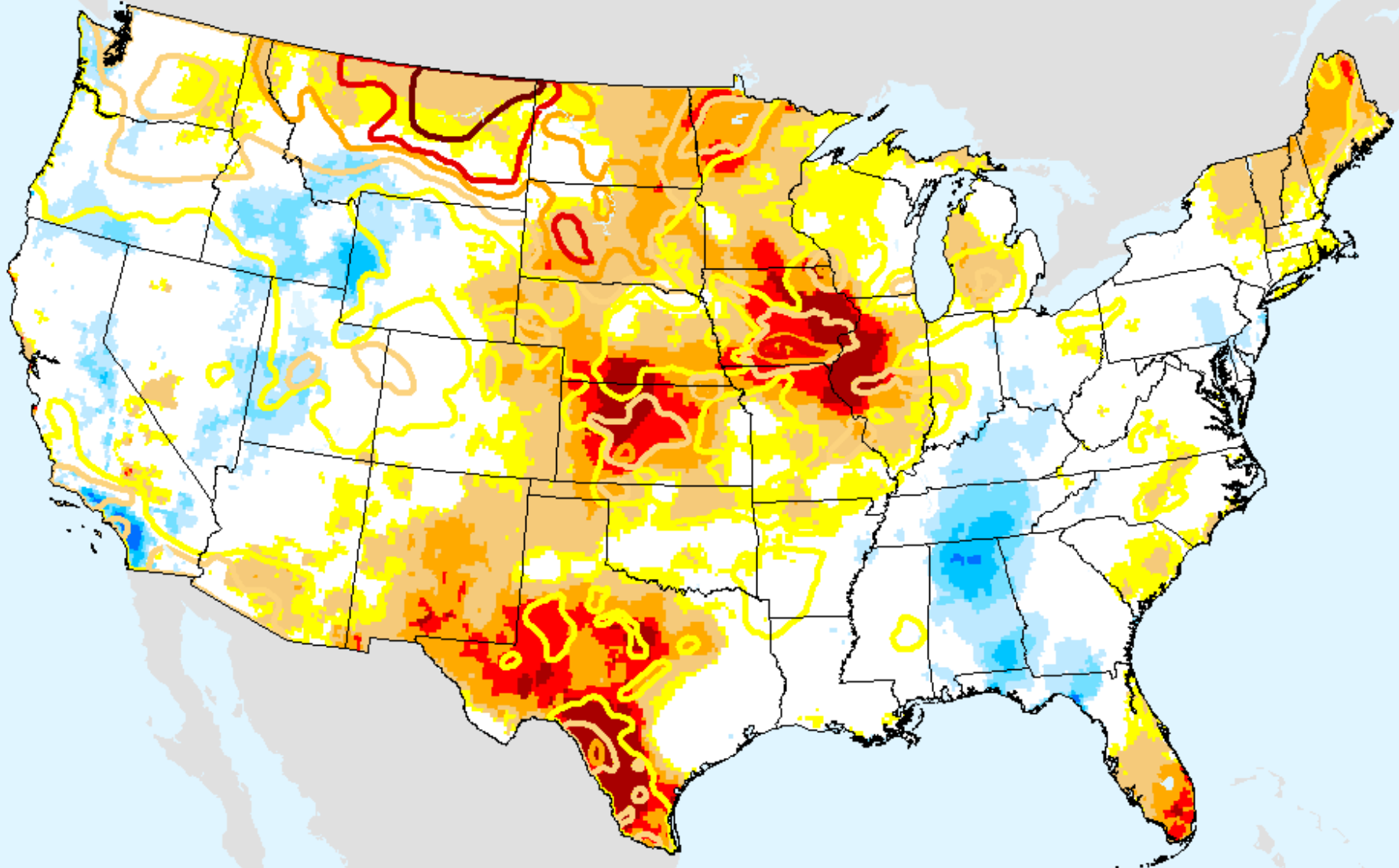
EDDI

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

USDM for: Sep. 19, 2017

EDDI 2-week

As of: Tuesday, September 26, 2017

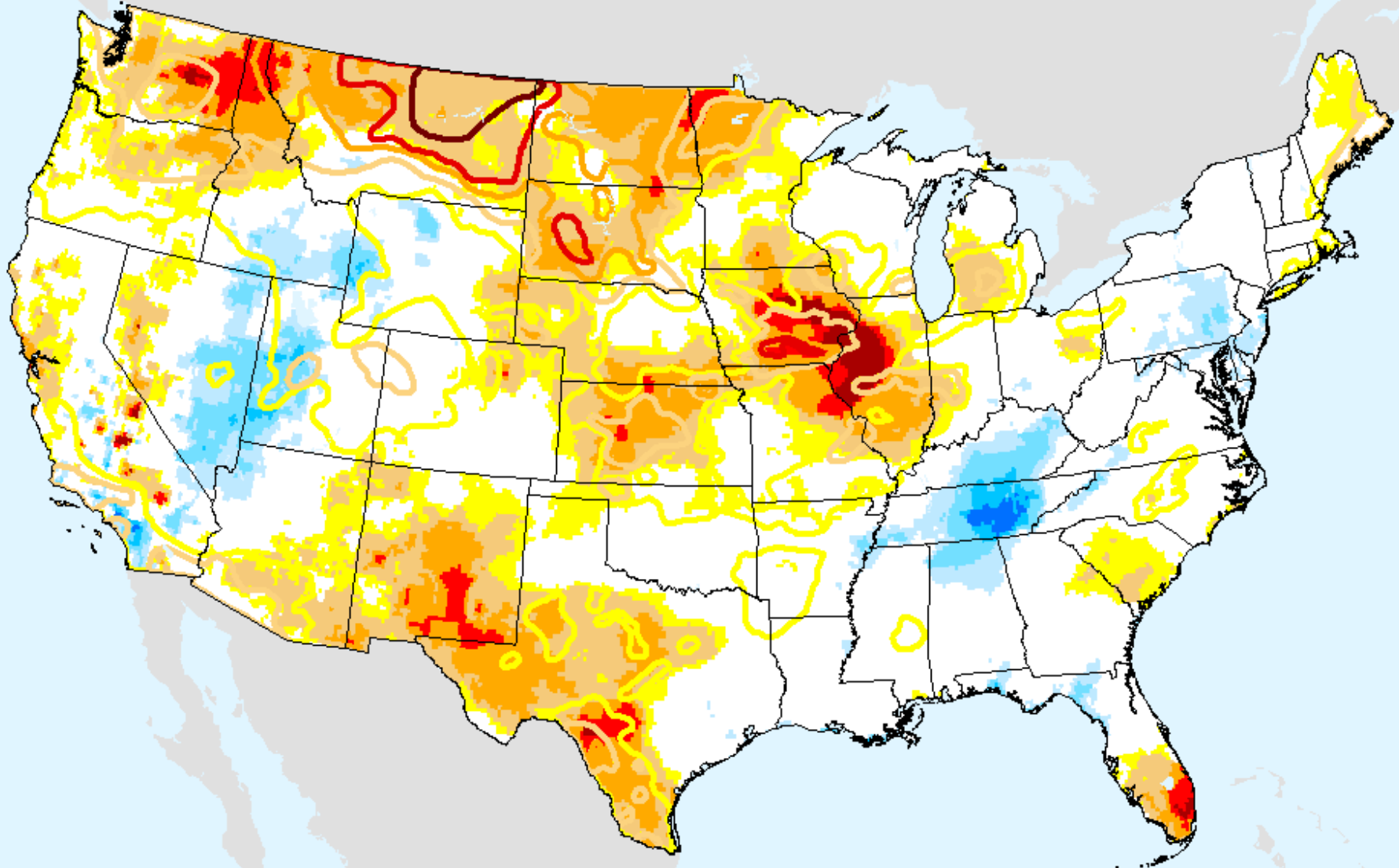


| EDDI | |
|------|----|
| ■ | -5 |
| ■ | -4 |
| ■ | -3 |
| ■ | -2 |
| ■ | -1 |
| ■ | 0 |
| ■ | 1 |
| ■ | 2 |
| ■ | 3 |
| ■ | 4 |
| ■ | 5 |

USDM for: Sep. 19, 2017

EDDI 3-week

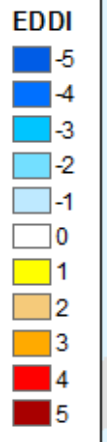
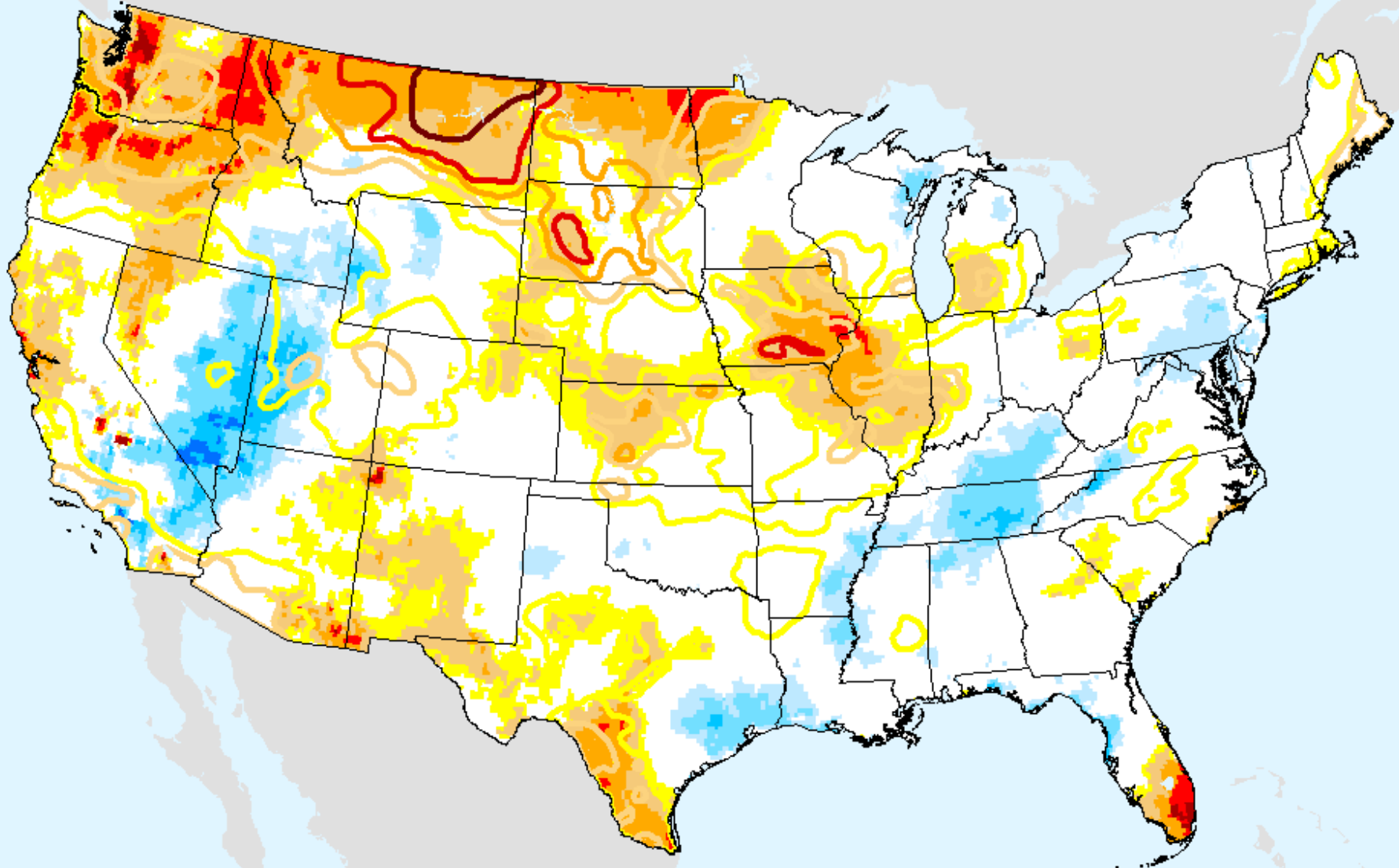
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

EDDI 4-week

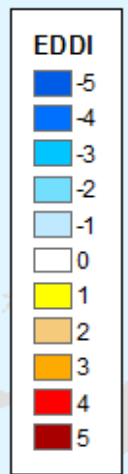
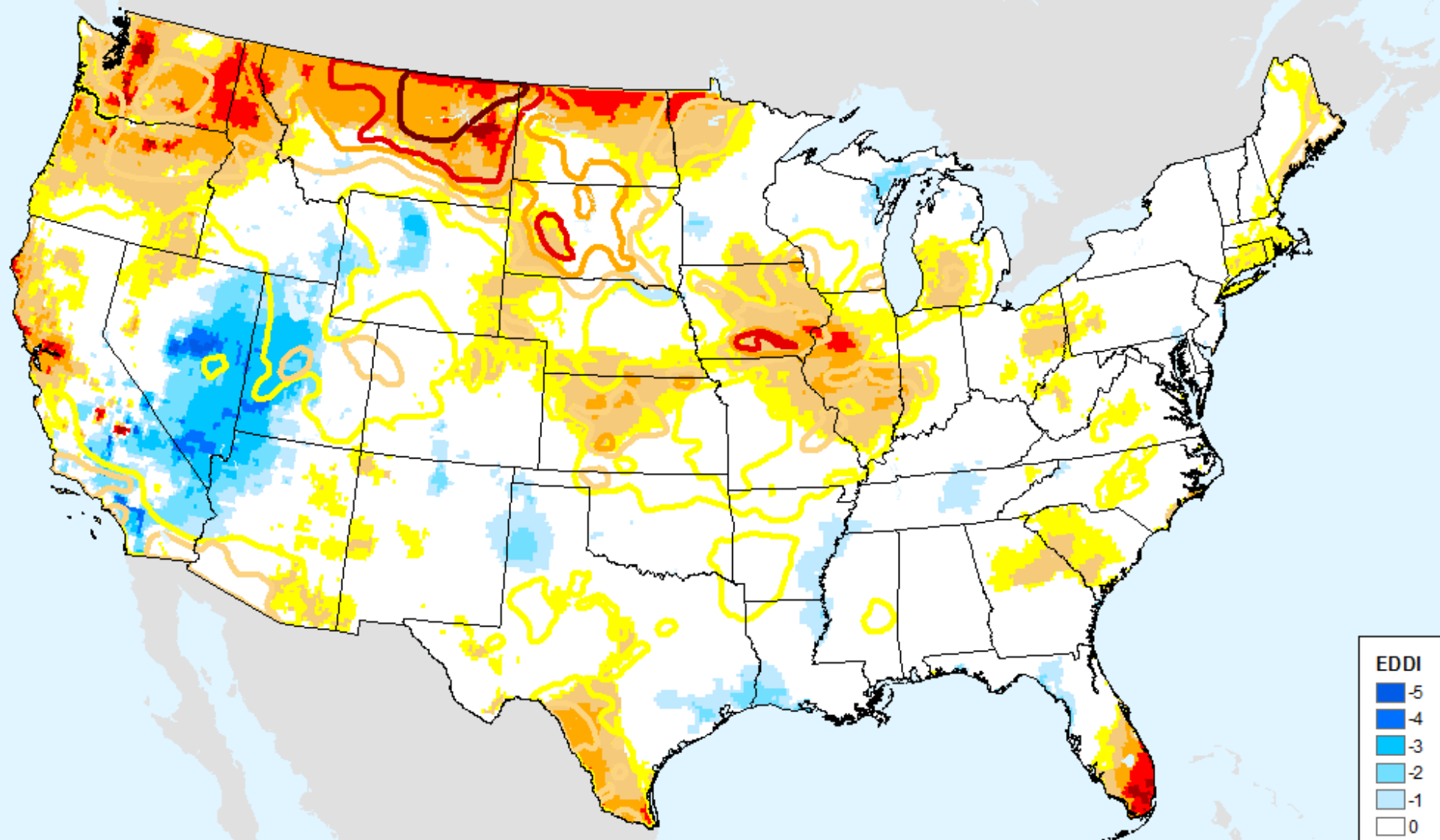
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

EDDI 5-week

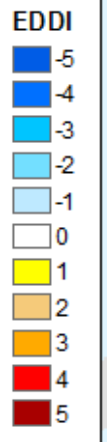
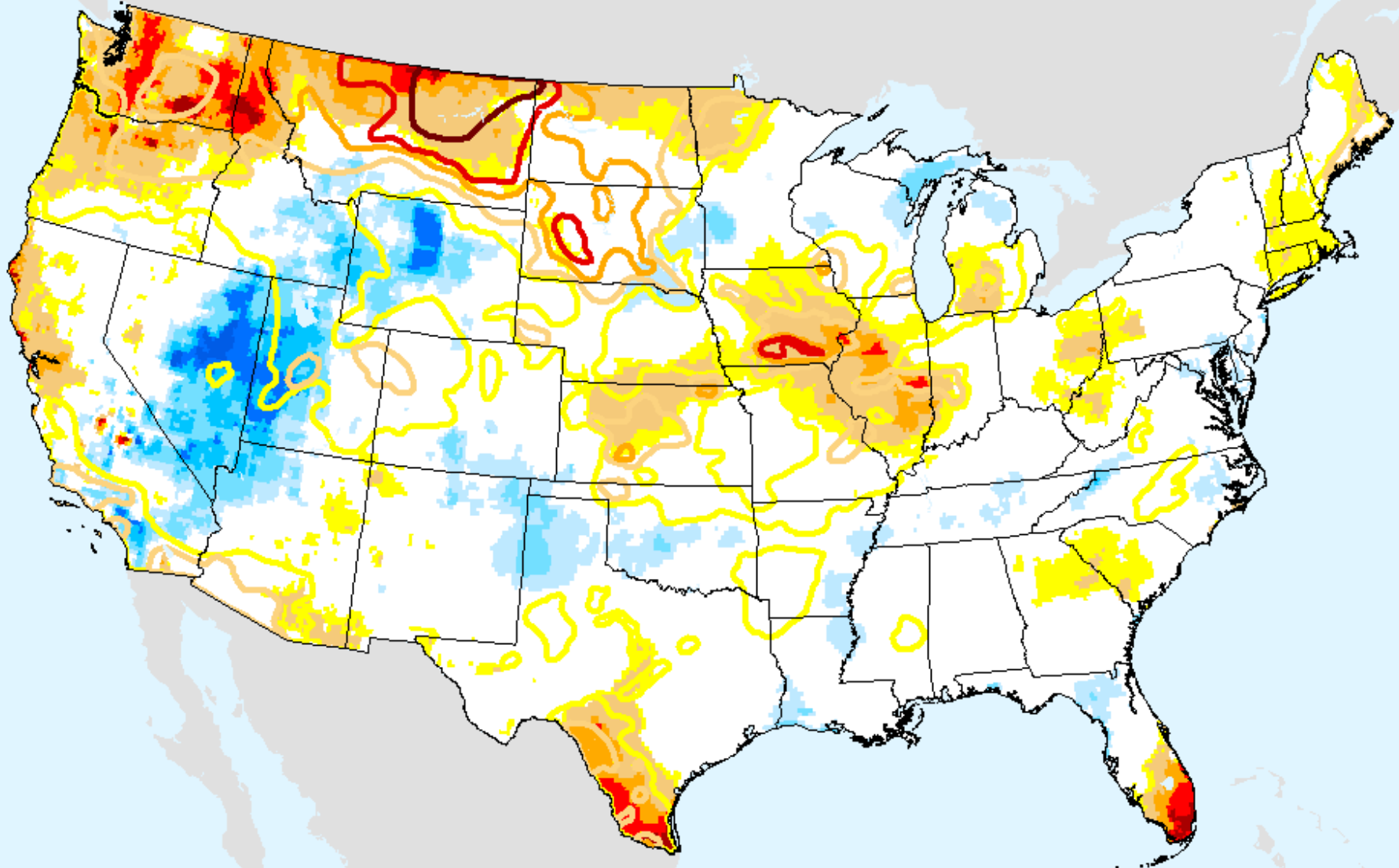
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

EDDI 6-week

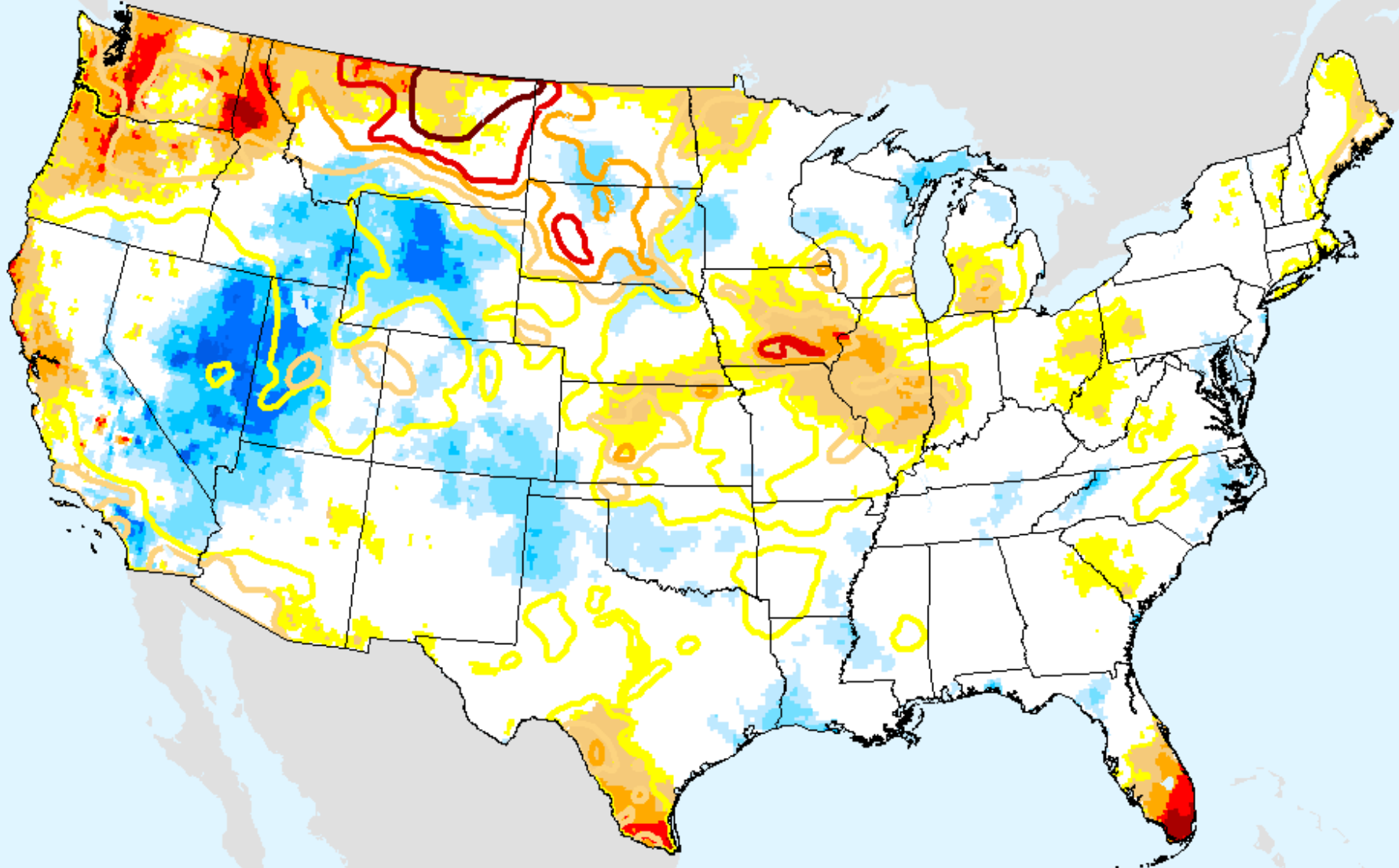
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

EDDI 7-week

As of: Tuesday, September 26, 2017



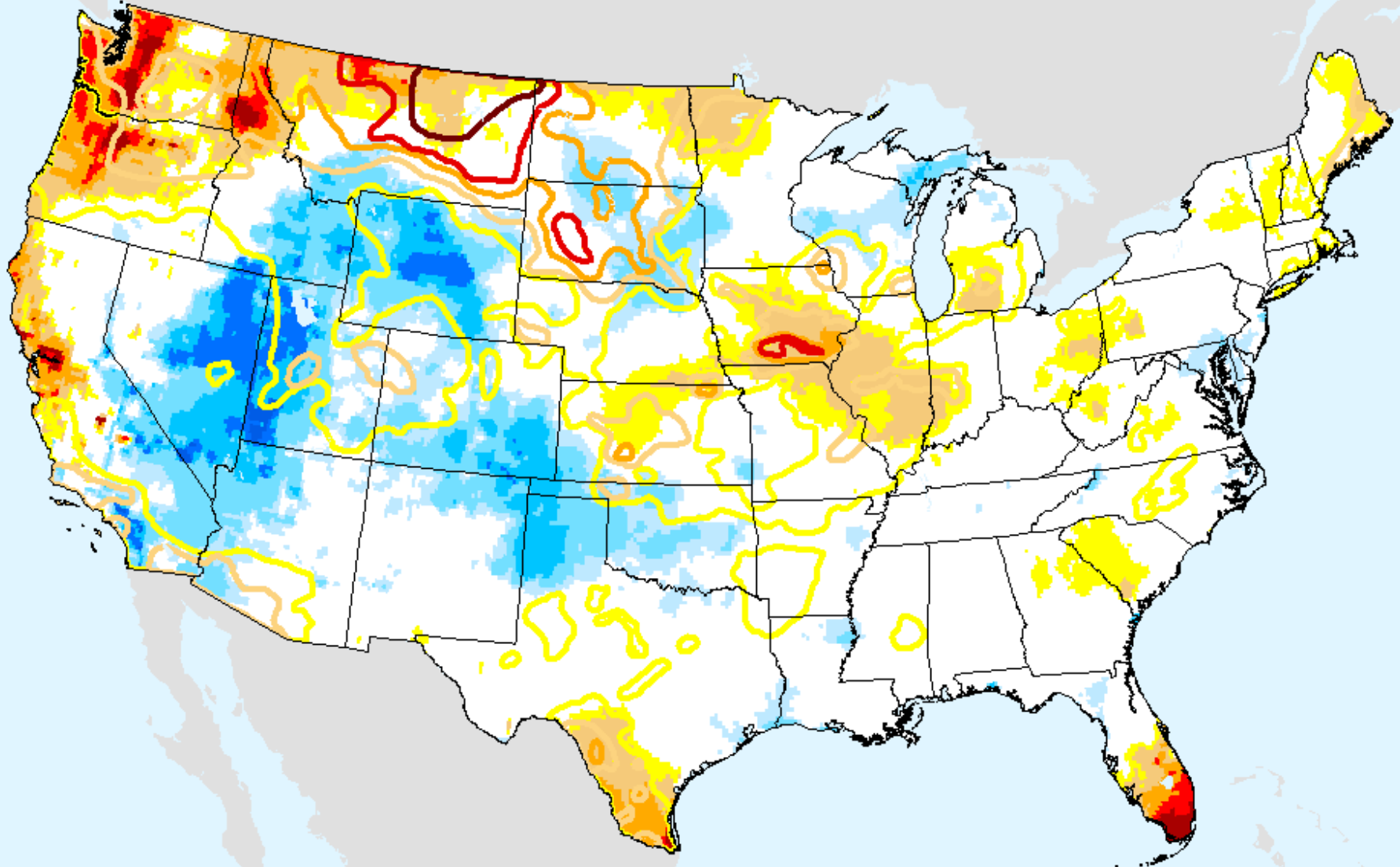
EDDI

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

USDM for: Sep. 19, 2017

EDDI 8-week

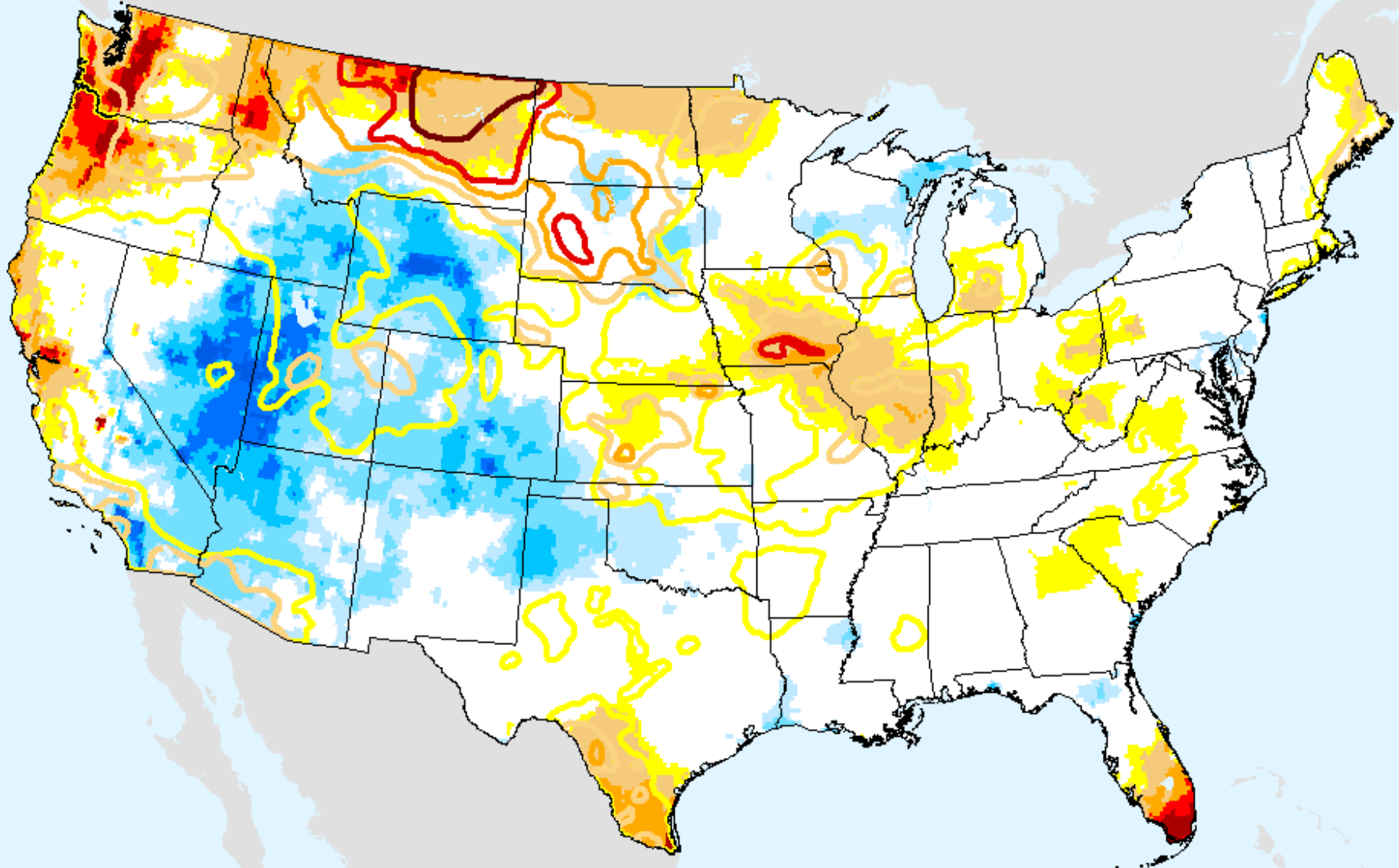
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

EDDI 9-week

As of: Tuesday, September 26, 2017

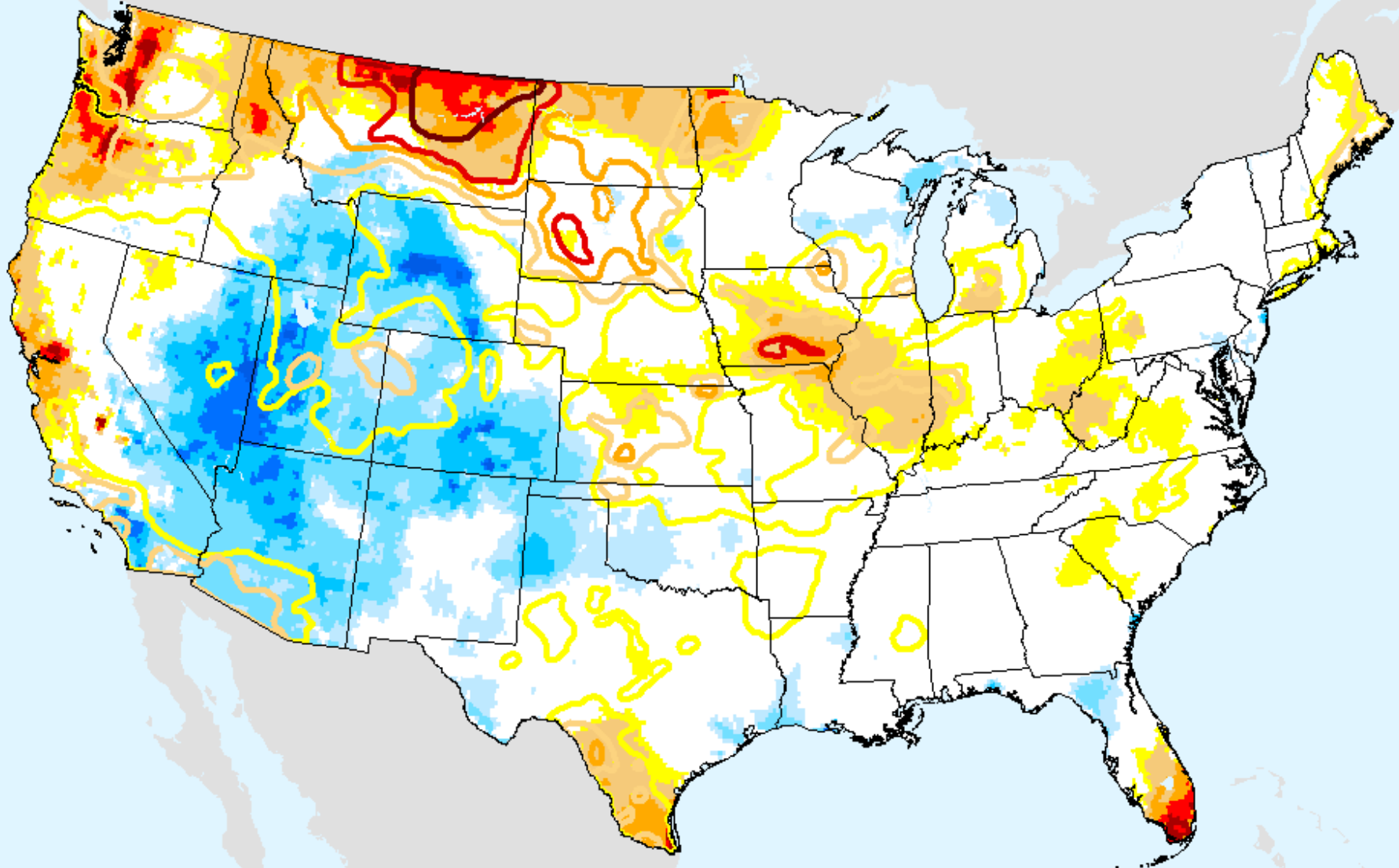


| EDDI | |
|------|----|
| ■ | -5 |
| ■ | -4 |
| ■ | -3 |
| ■ | -2 |
| ■ | -1 |
| ■ | 0 |
| ■ | 1 |
| ■ | 2 |
| ■ | 3 |
| ■ | 4 |
| ■ | 5 |

USDM for: Sep. 19, 2017

EDDI 10-week

As of: Tuesday, September 26, 2017

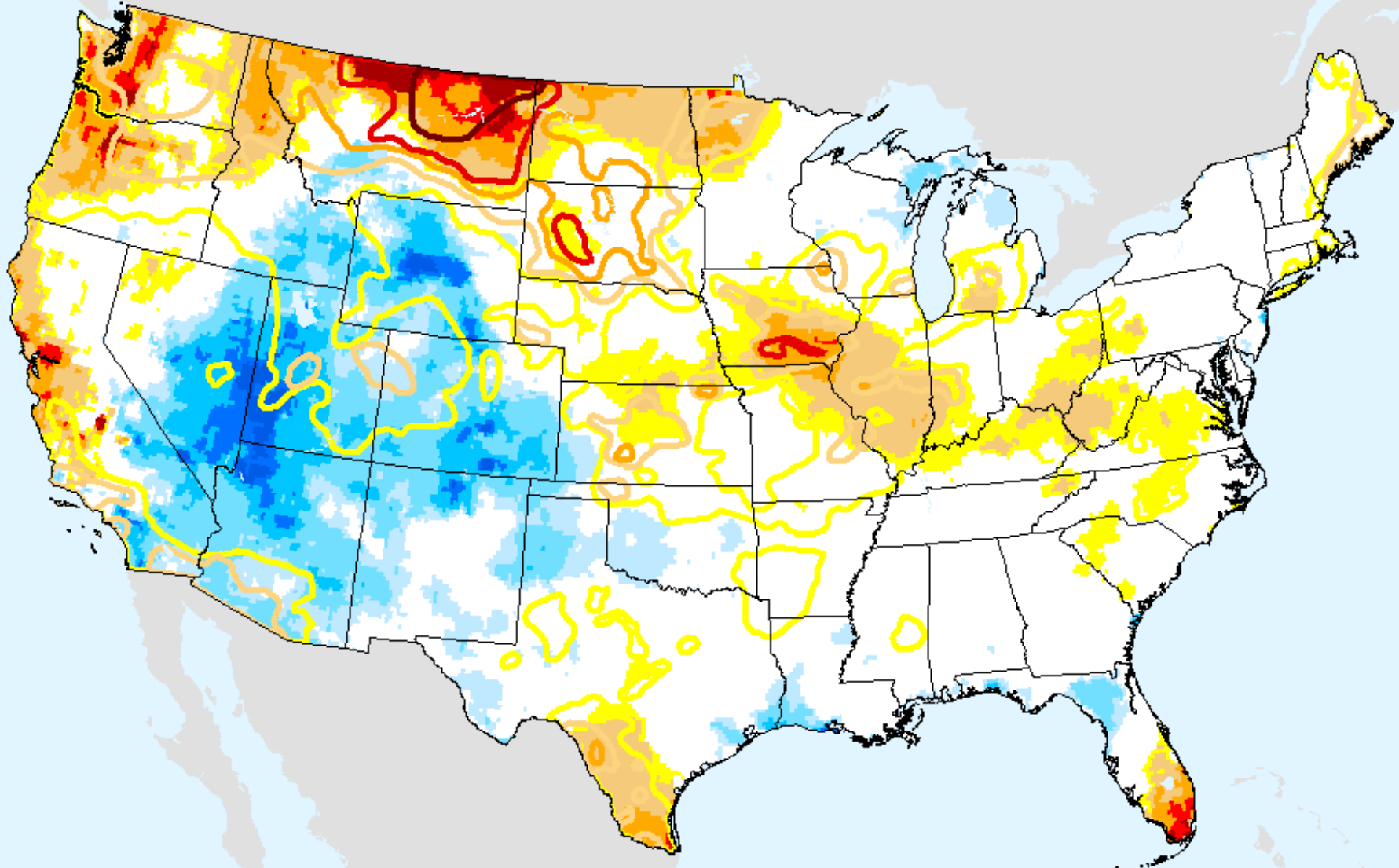


USDM for: Sep. 19, 2017

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

EDDI 11-week

As of: Tuesday, September 26, 2017

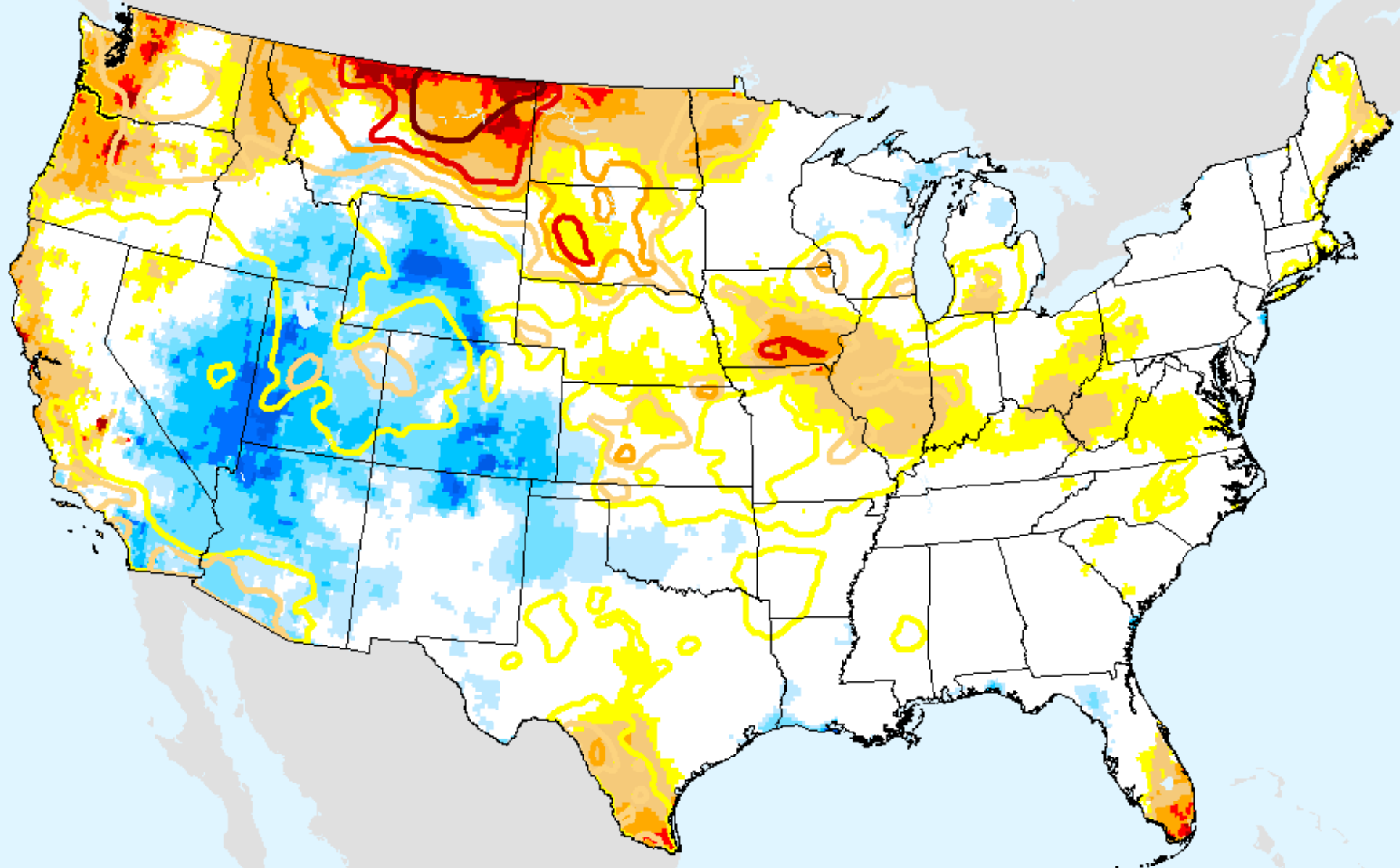


USDM for: Sep. 19, 2017

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

EDDI 12-week

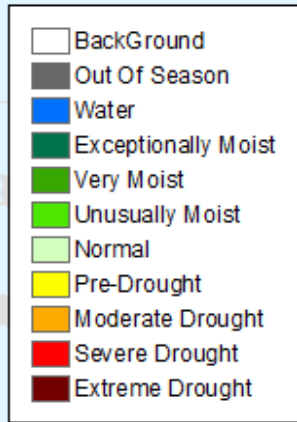
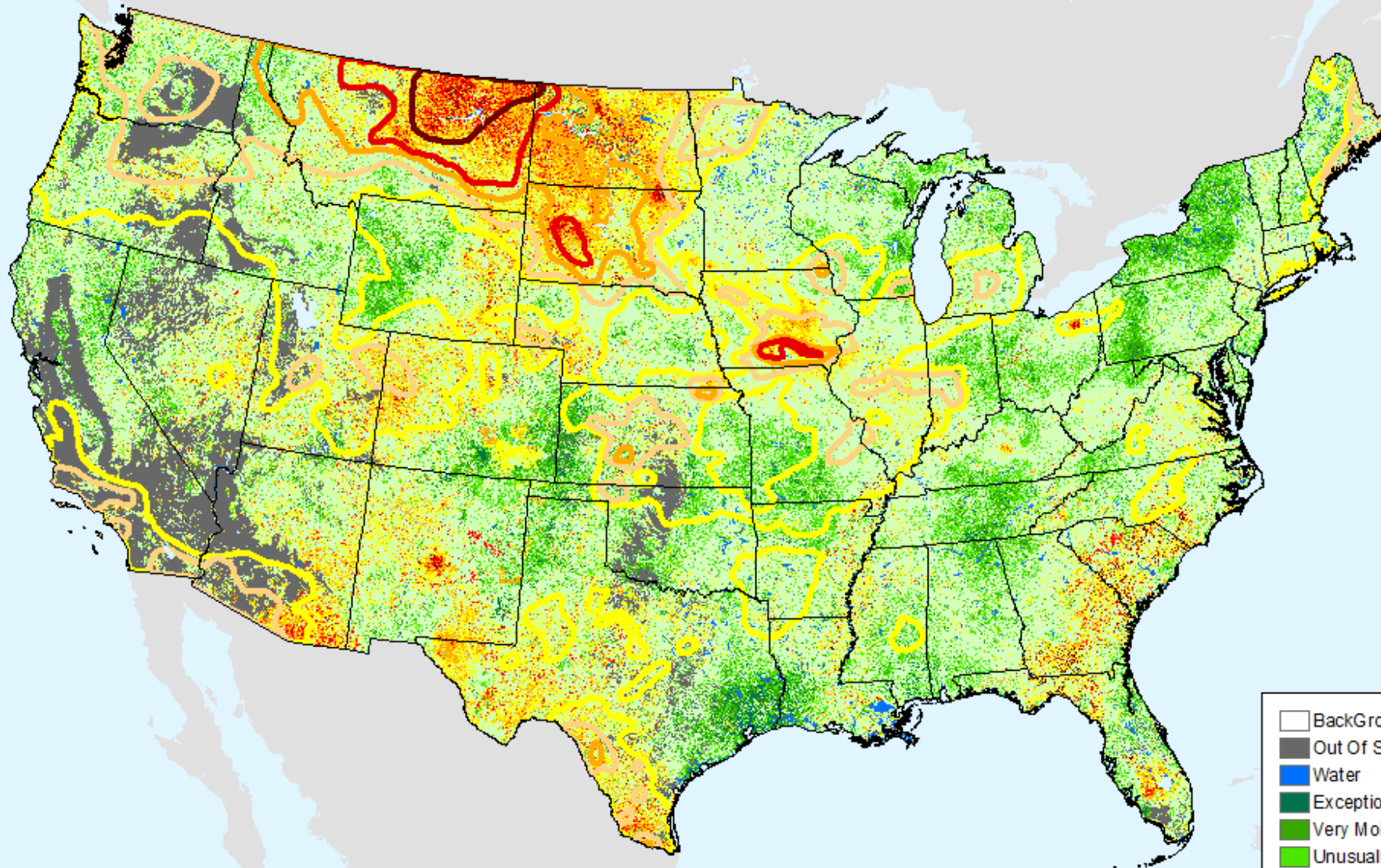
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

Vegetation Drought Response Index (VegDRI)

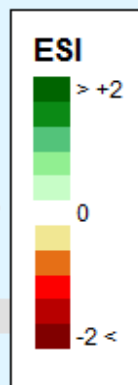
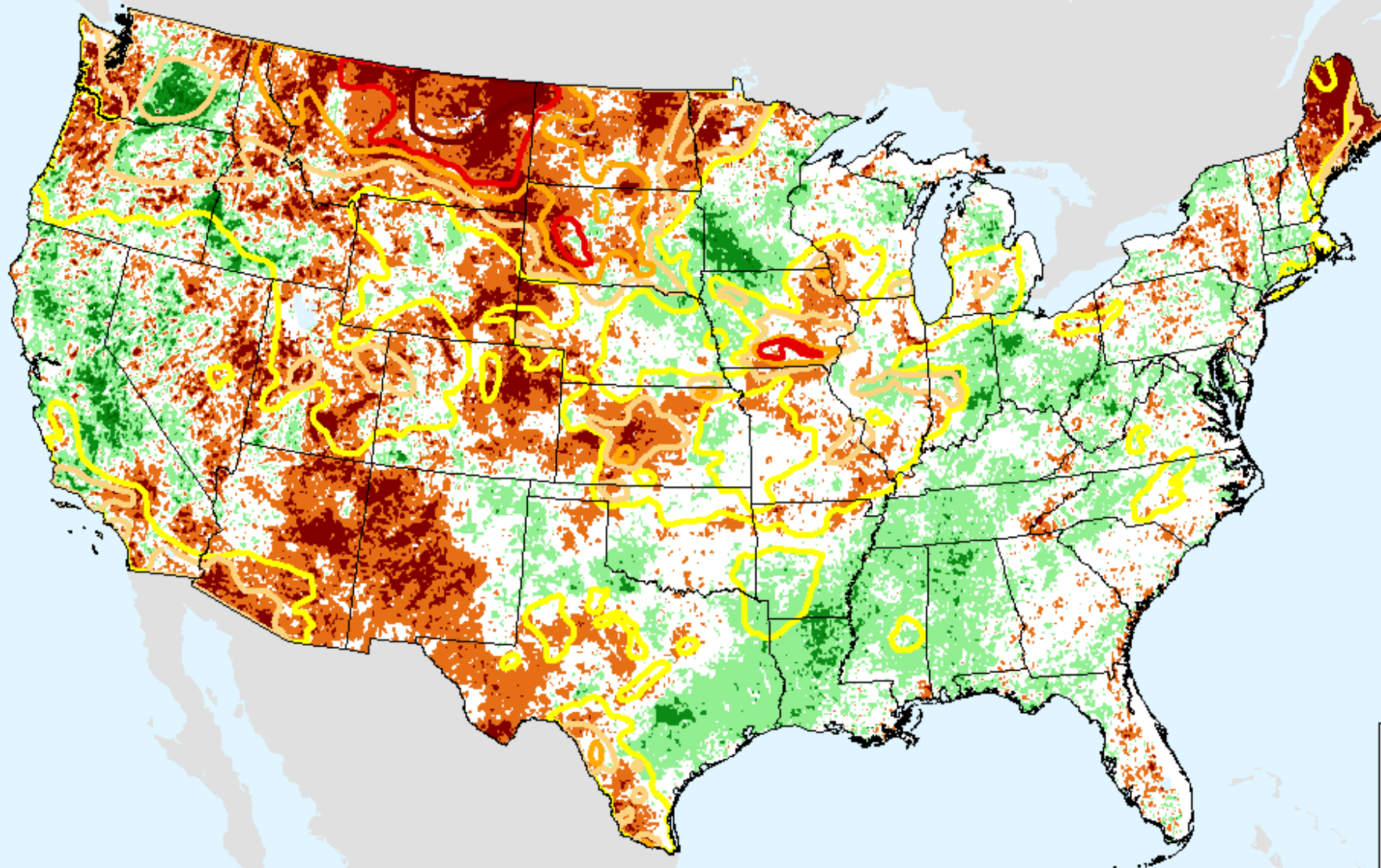
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

Evaporative Stress Index (ESI) 4-week

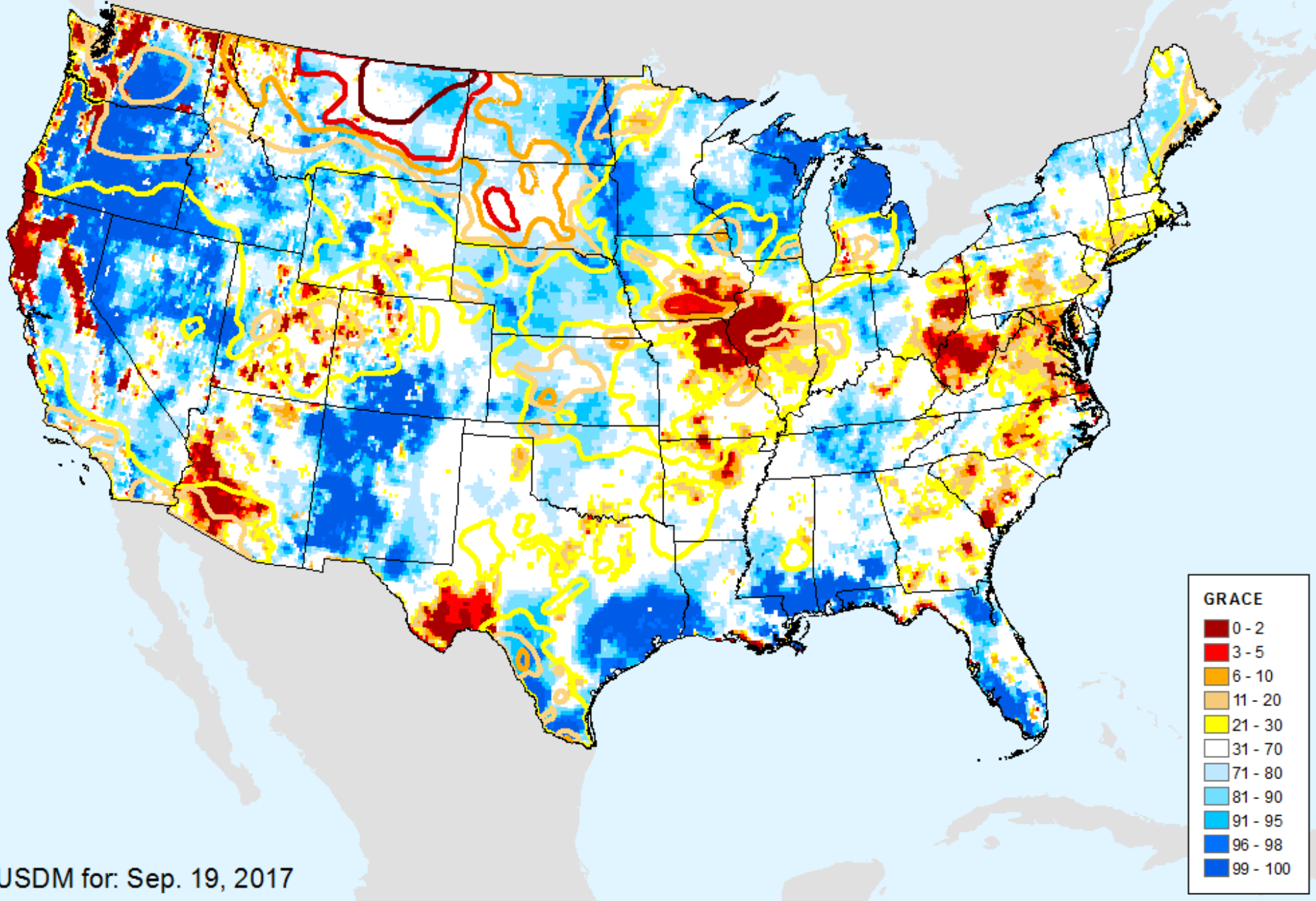
As of: Tuesday, September 26, 2017



USDM for: Sep. 19, 2017

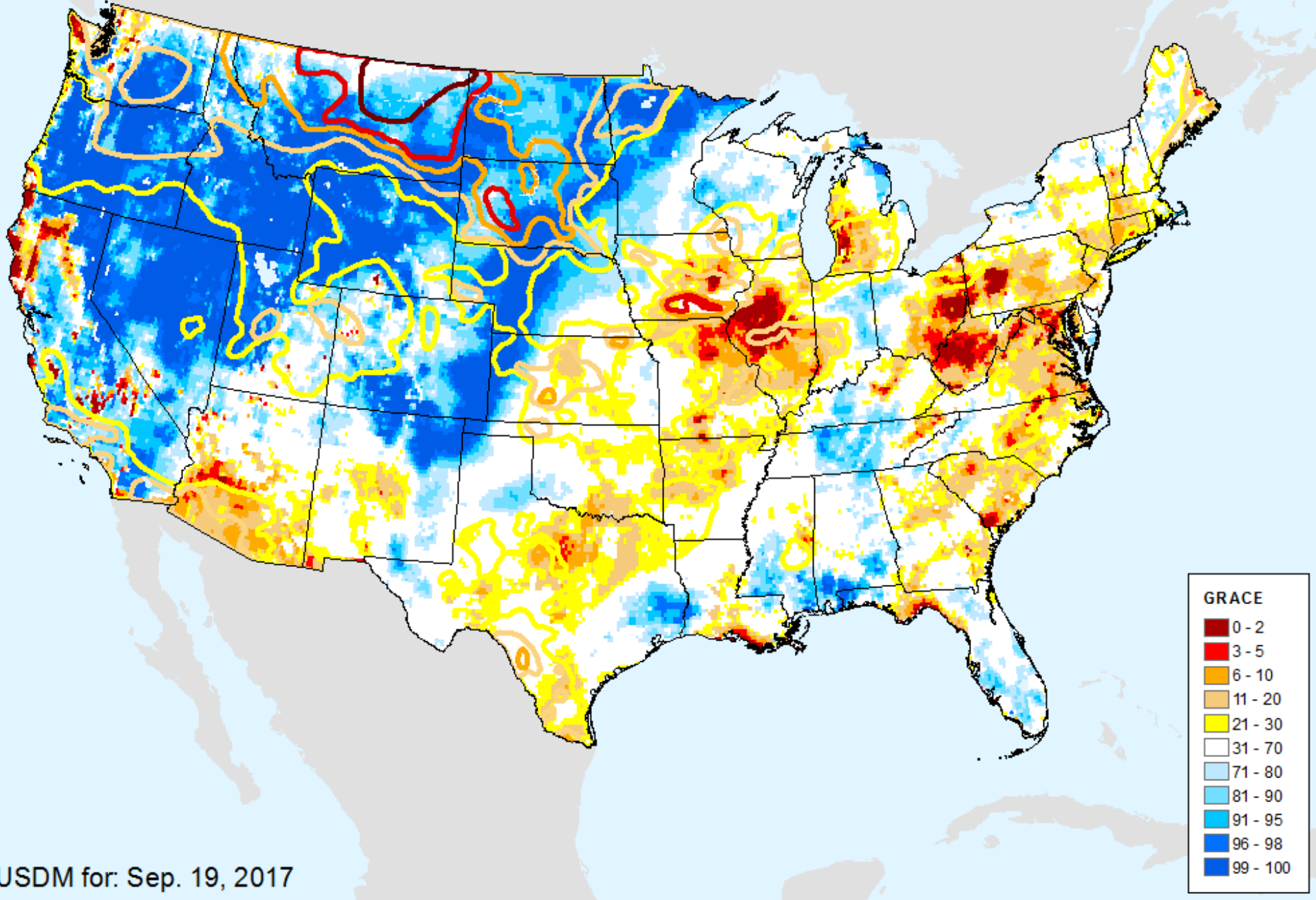
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, September 26, 2017



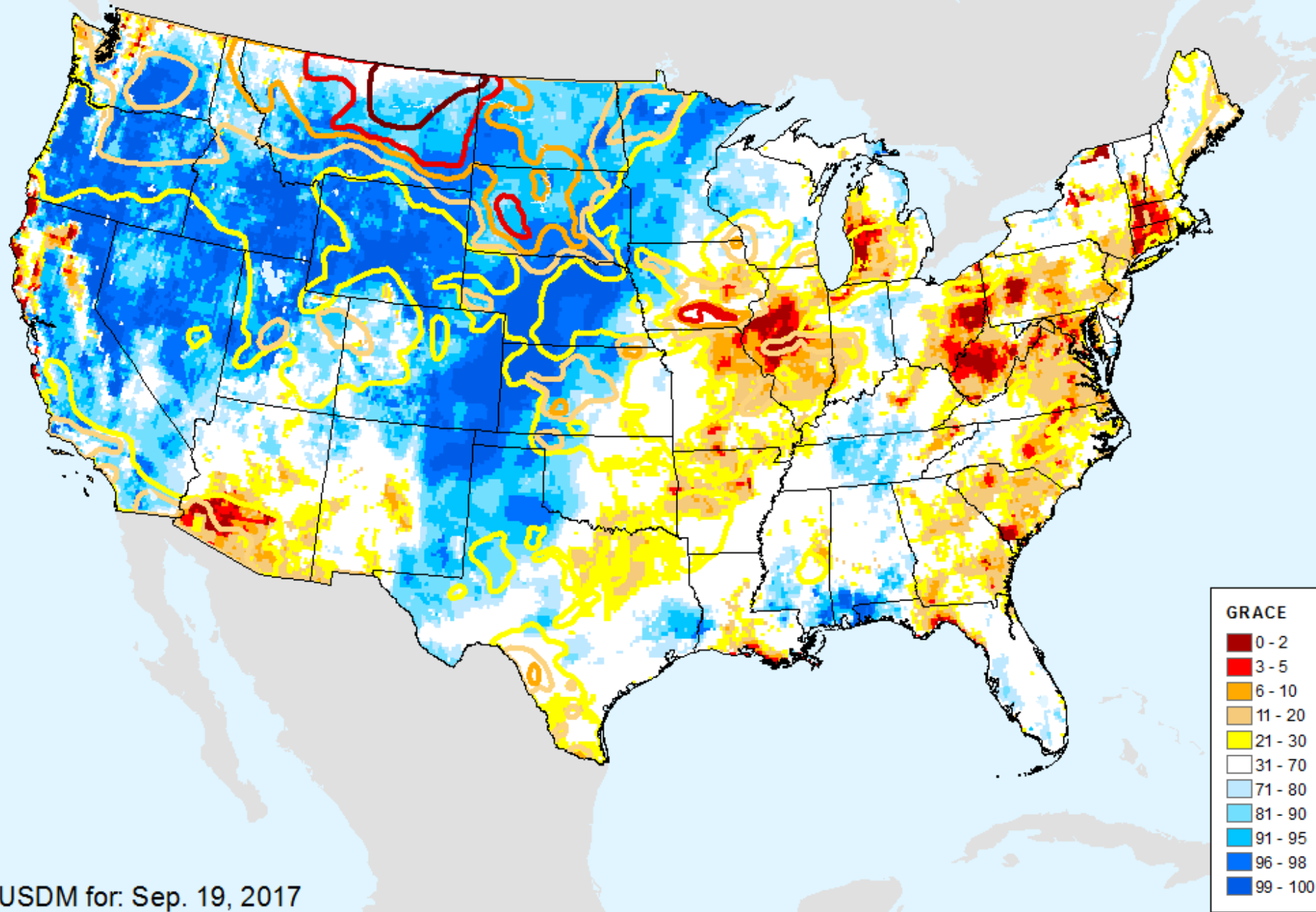
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, September 26, 2017



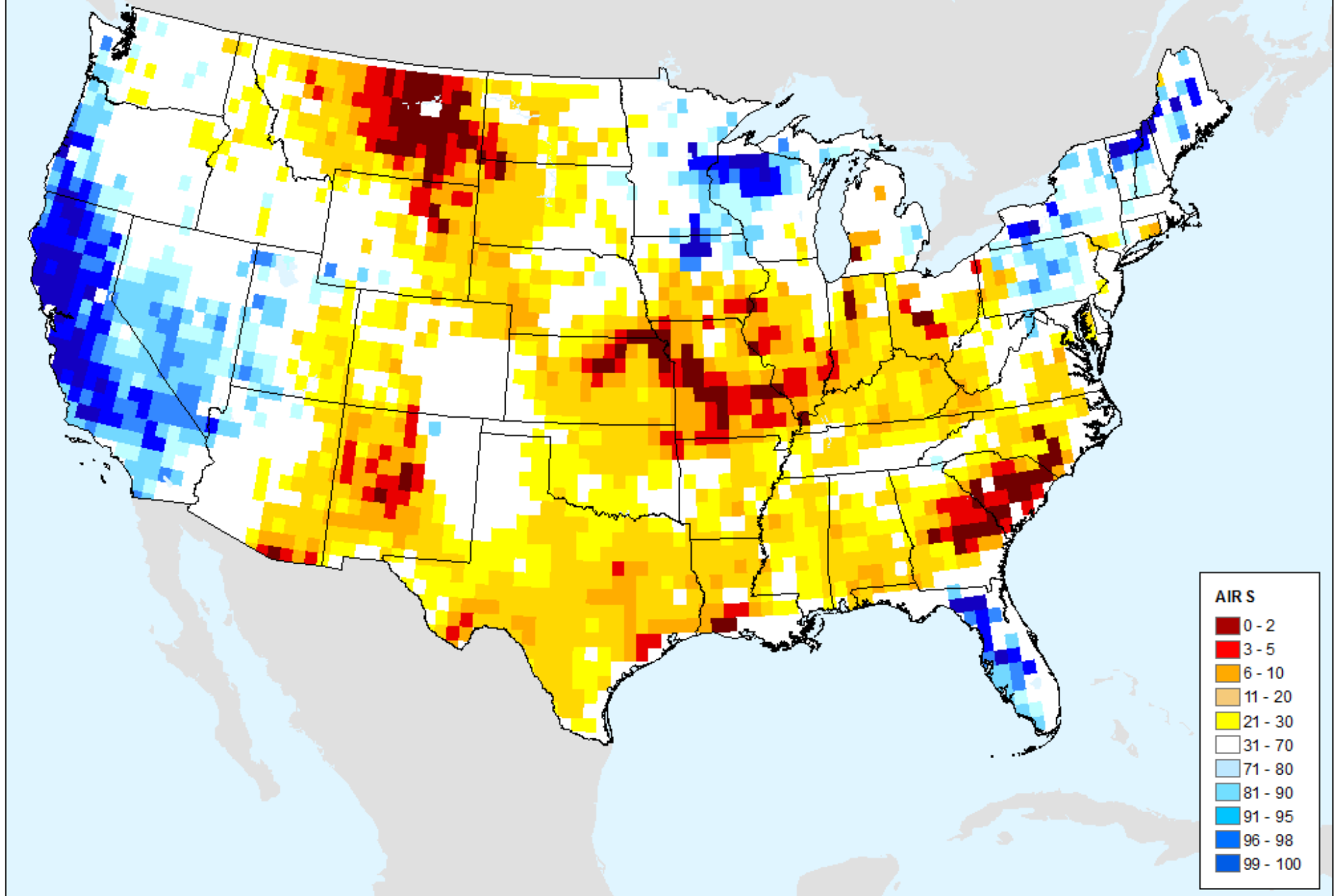
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, September 26, 2017



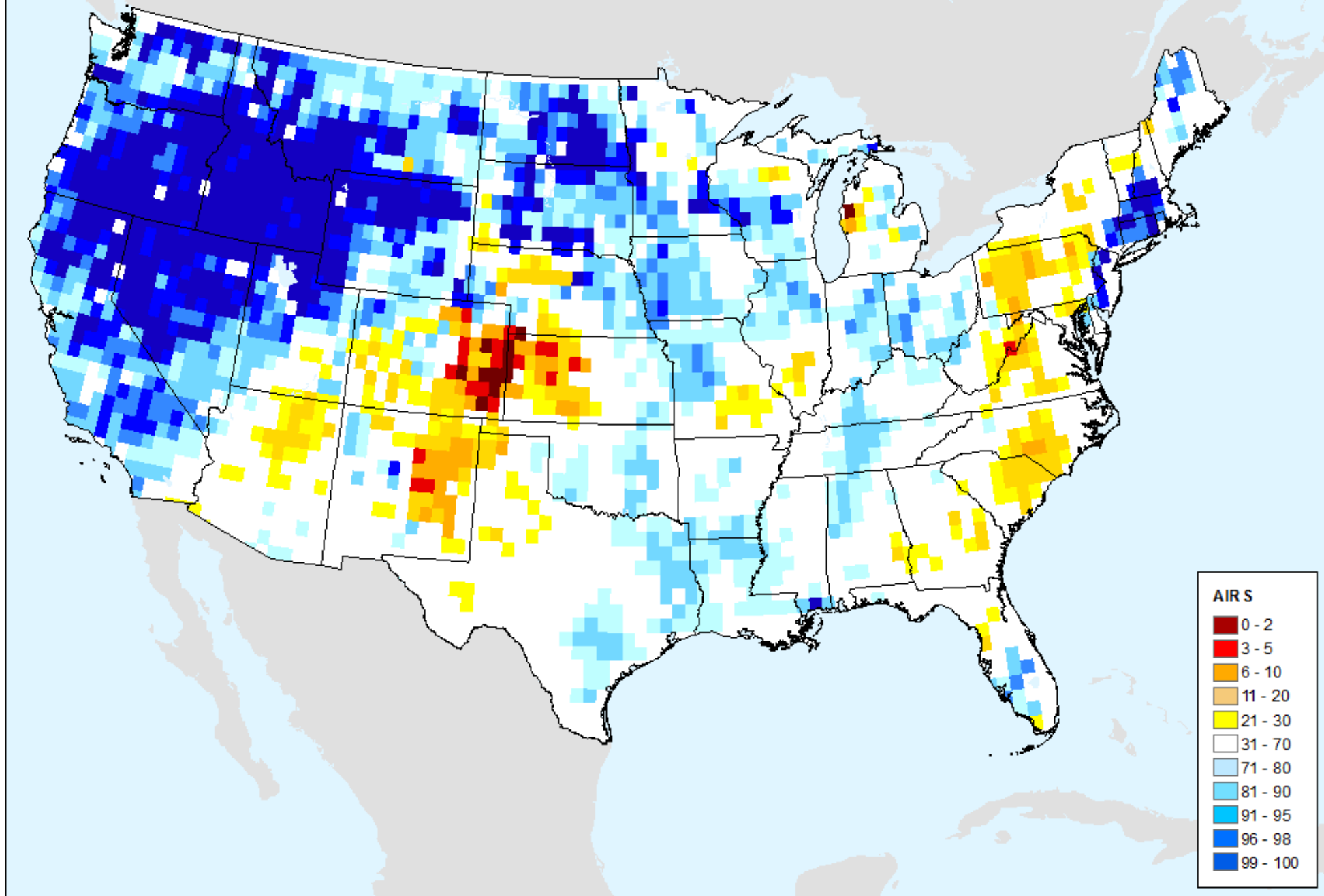
AIRS-Based Surface Relative Humidity

As of: Tuesday, September 12, 2017



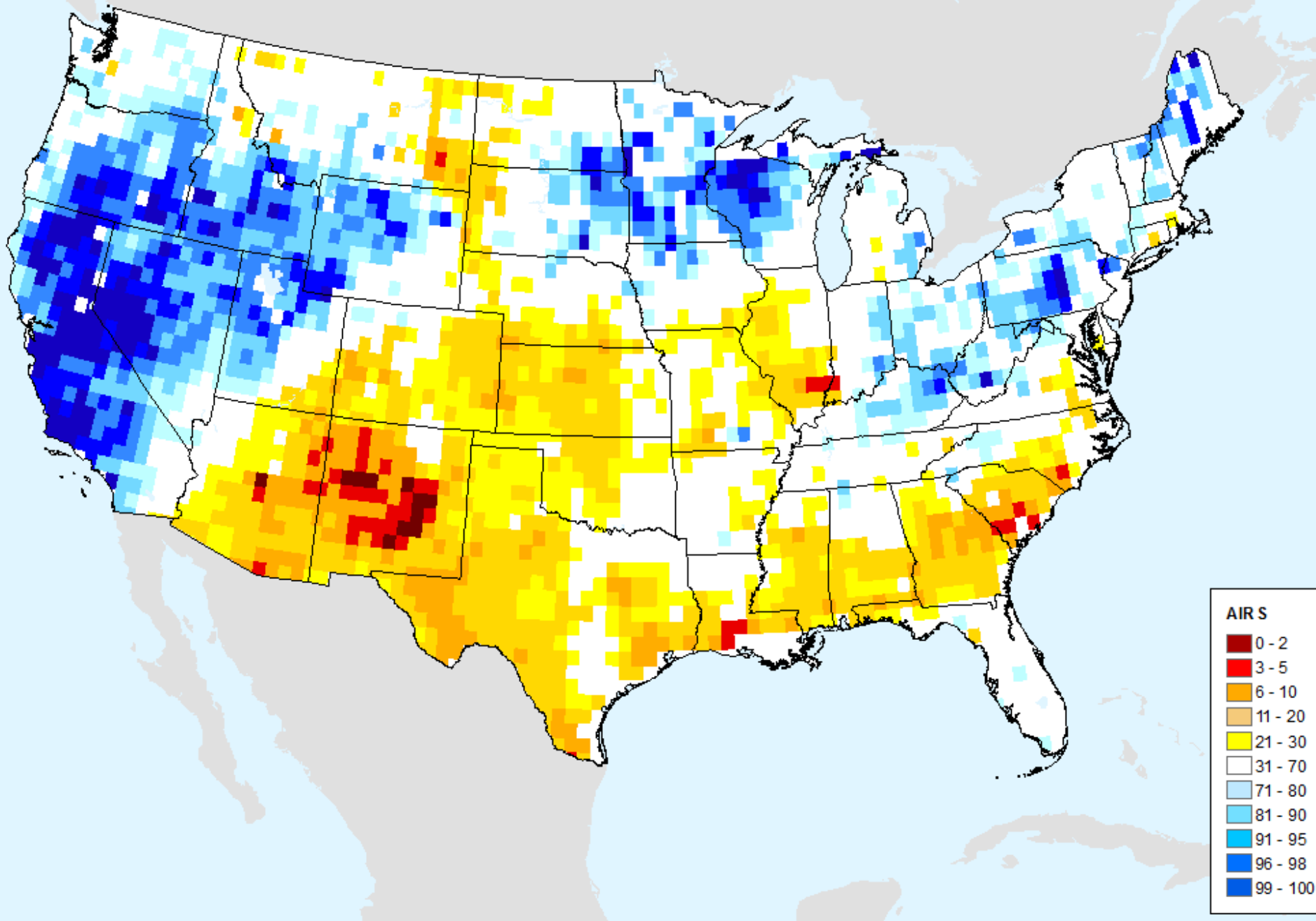
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, September 26, 2017



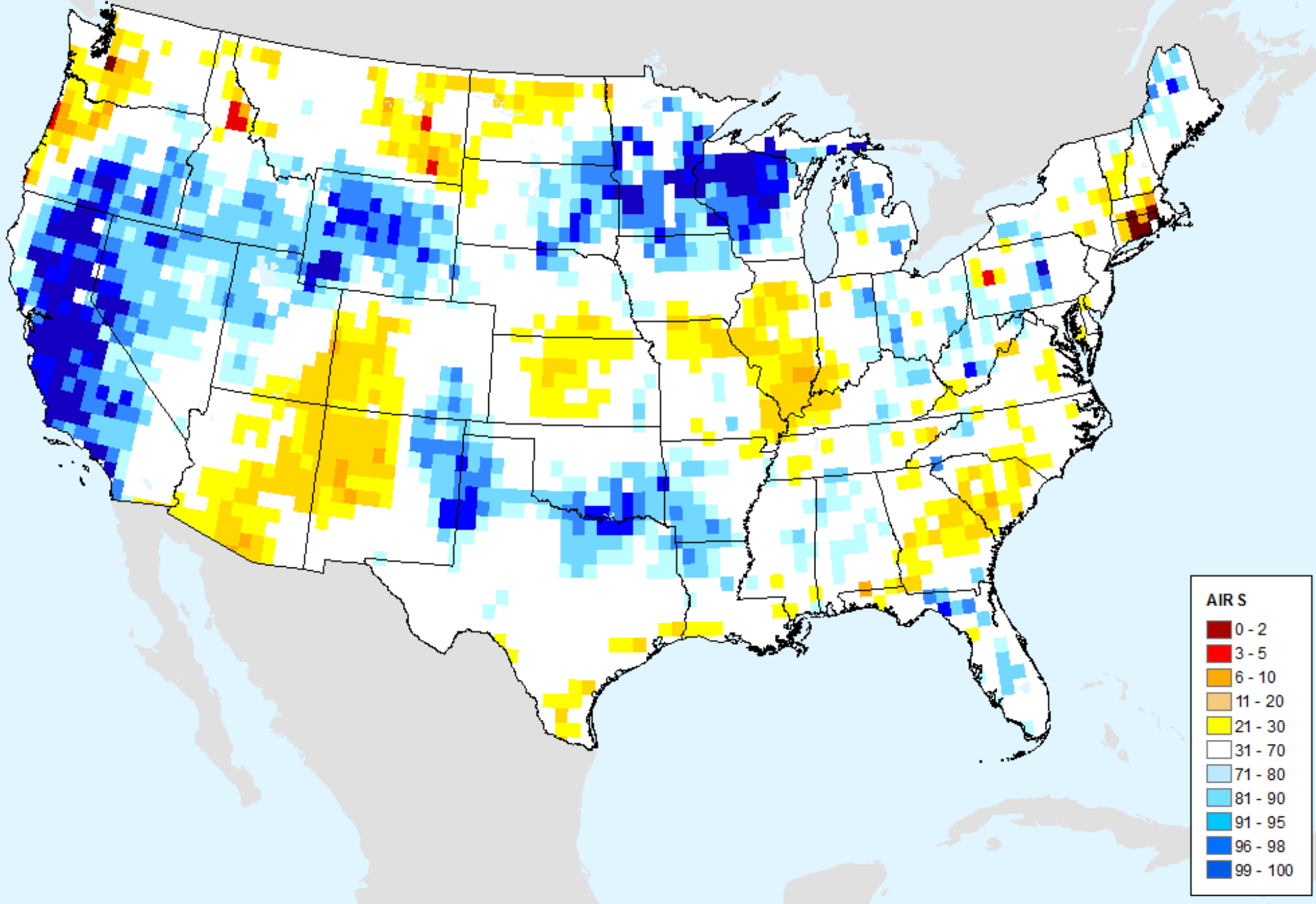
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, September 26, 2017



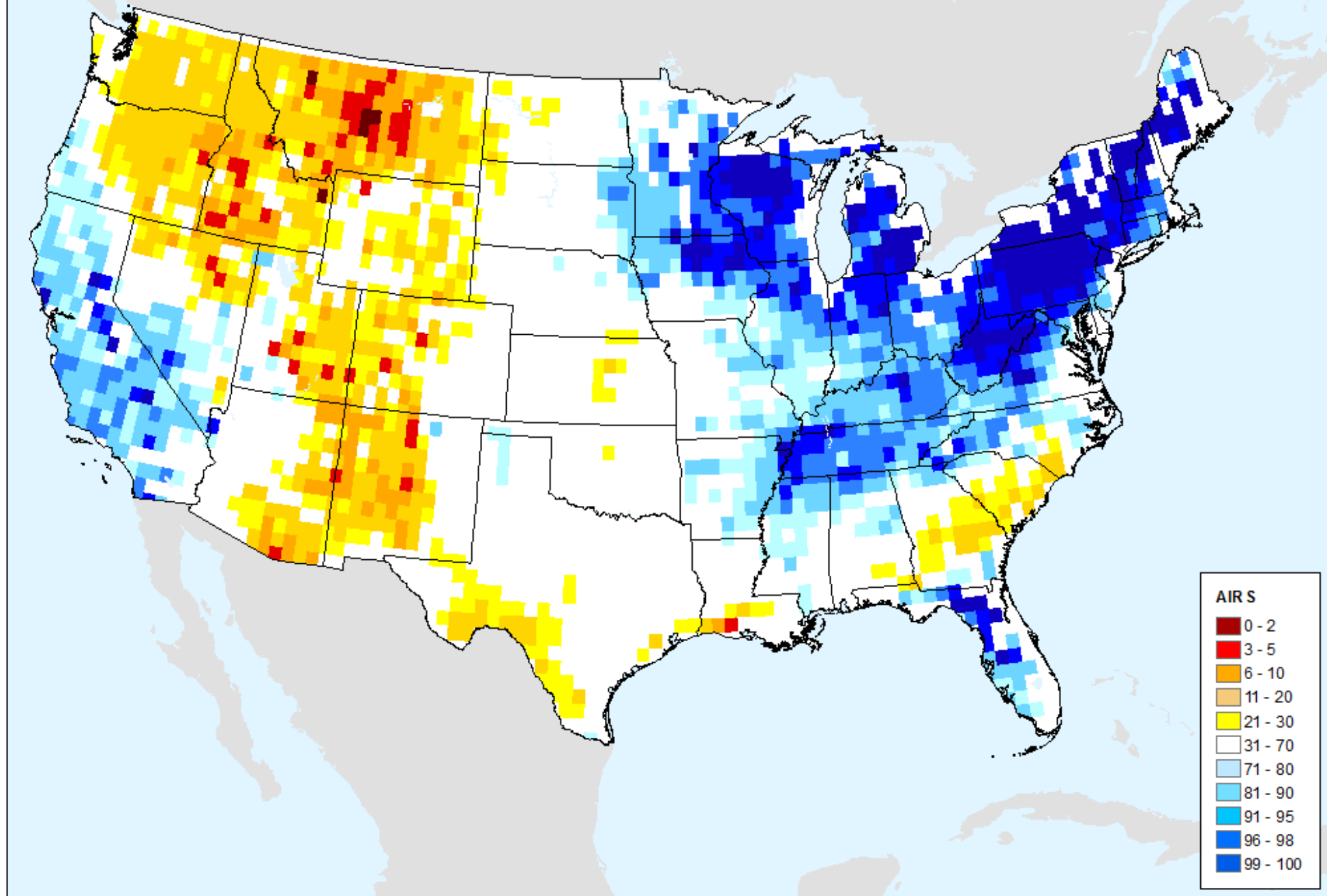
AIRS-Based Surface Relative Humidity 56 Day

As of: Tuesday, September 26, 2017



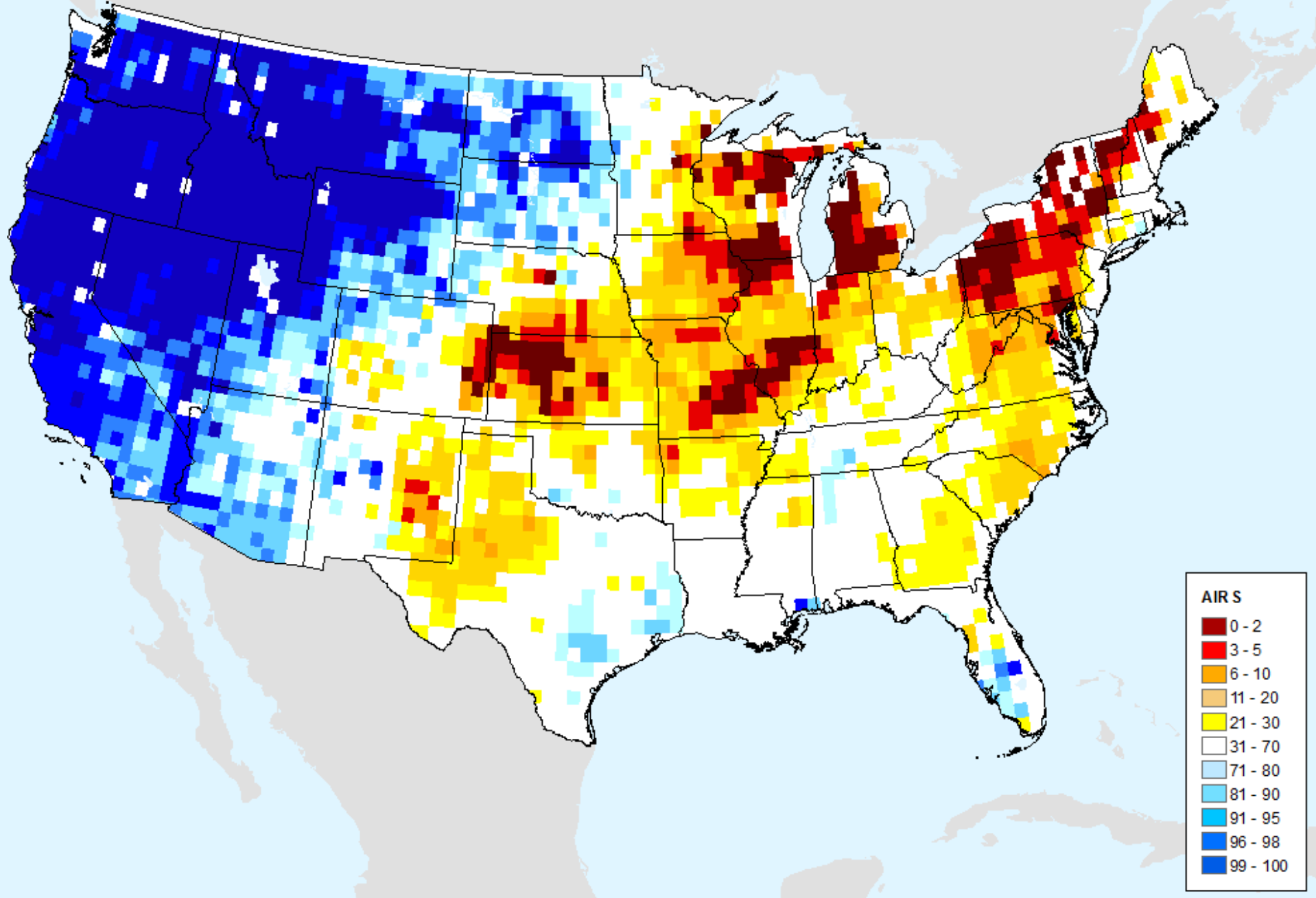
AIRS-Based Vapor Pressure Deficit

As of: Tuesday, September 12, 2017



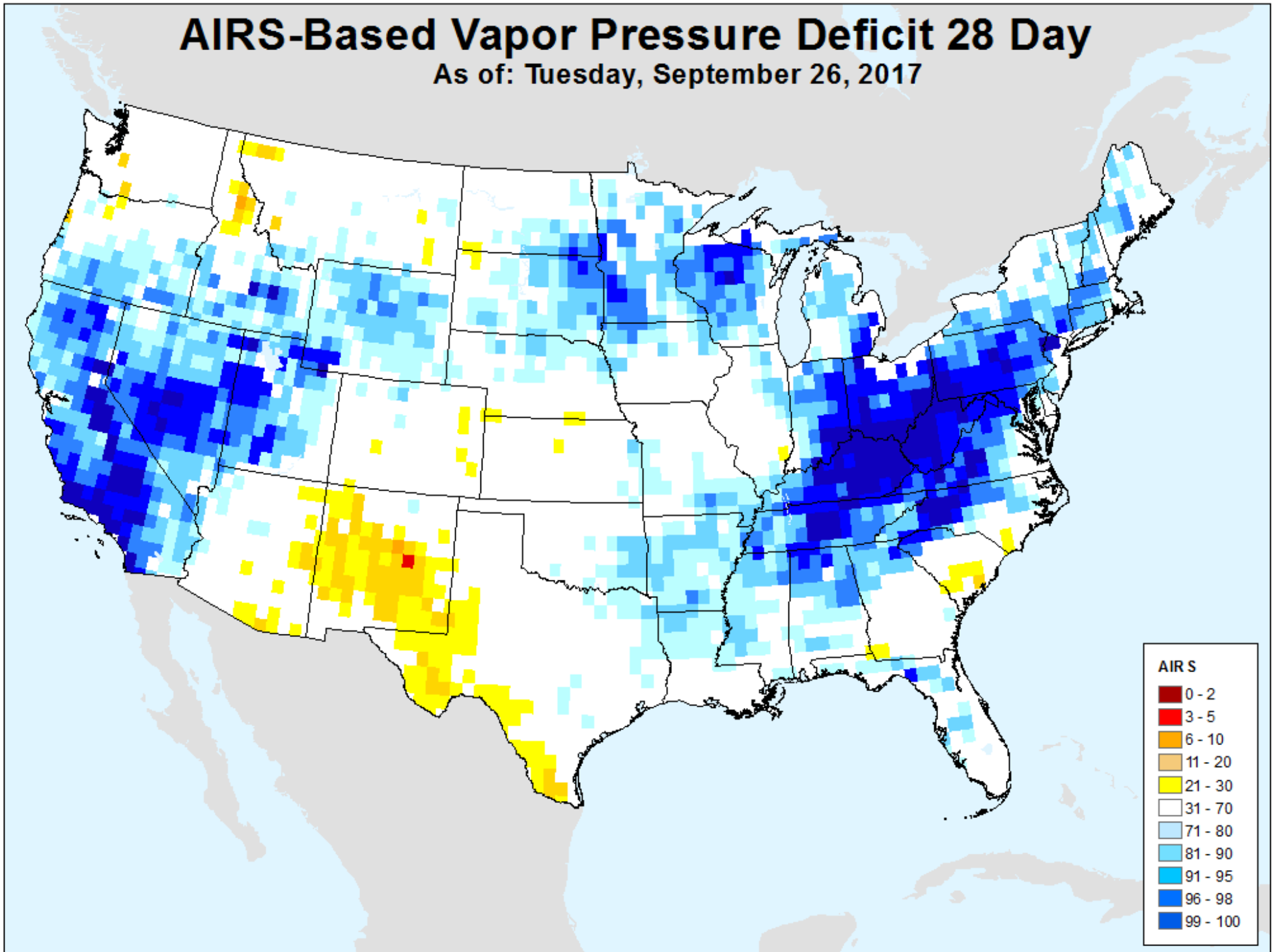
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, September 26, 2017



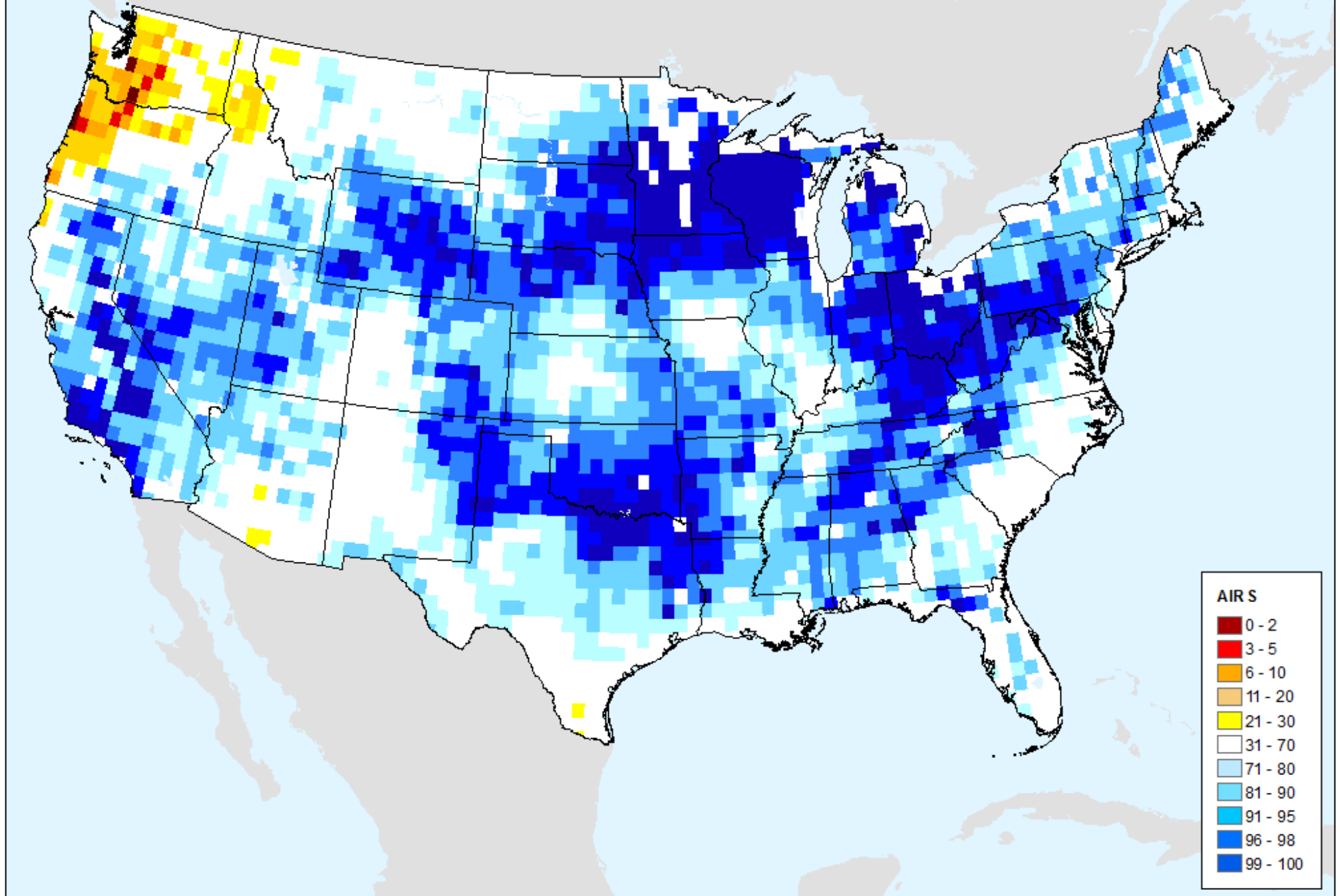
AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, September 26, 2017

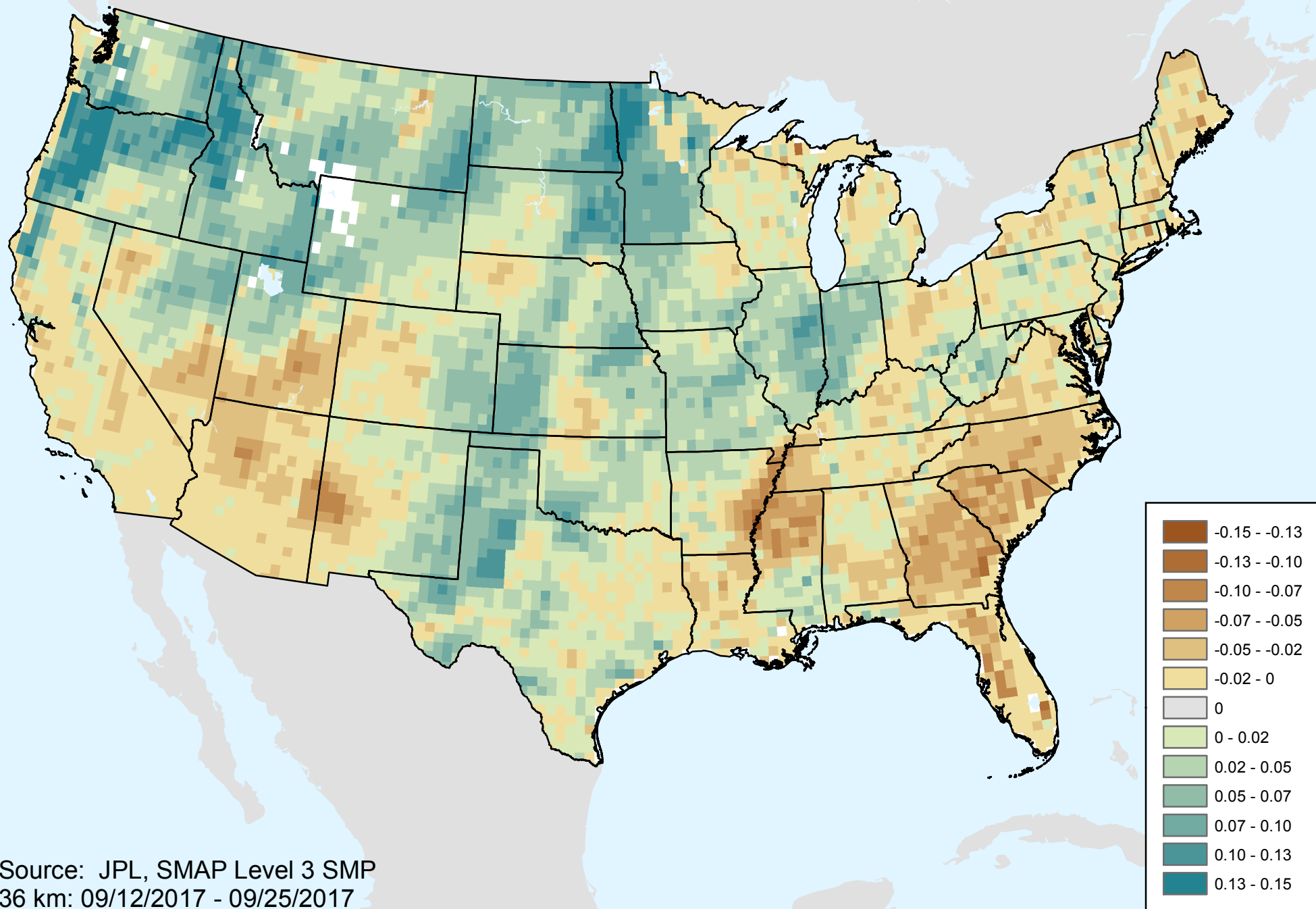


AIRS-Based Vapor Pressure Deficit 56 Day

As of: Tuesday, September 26, 2017

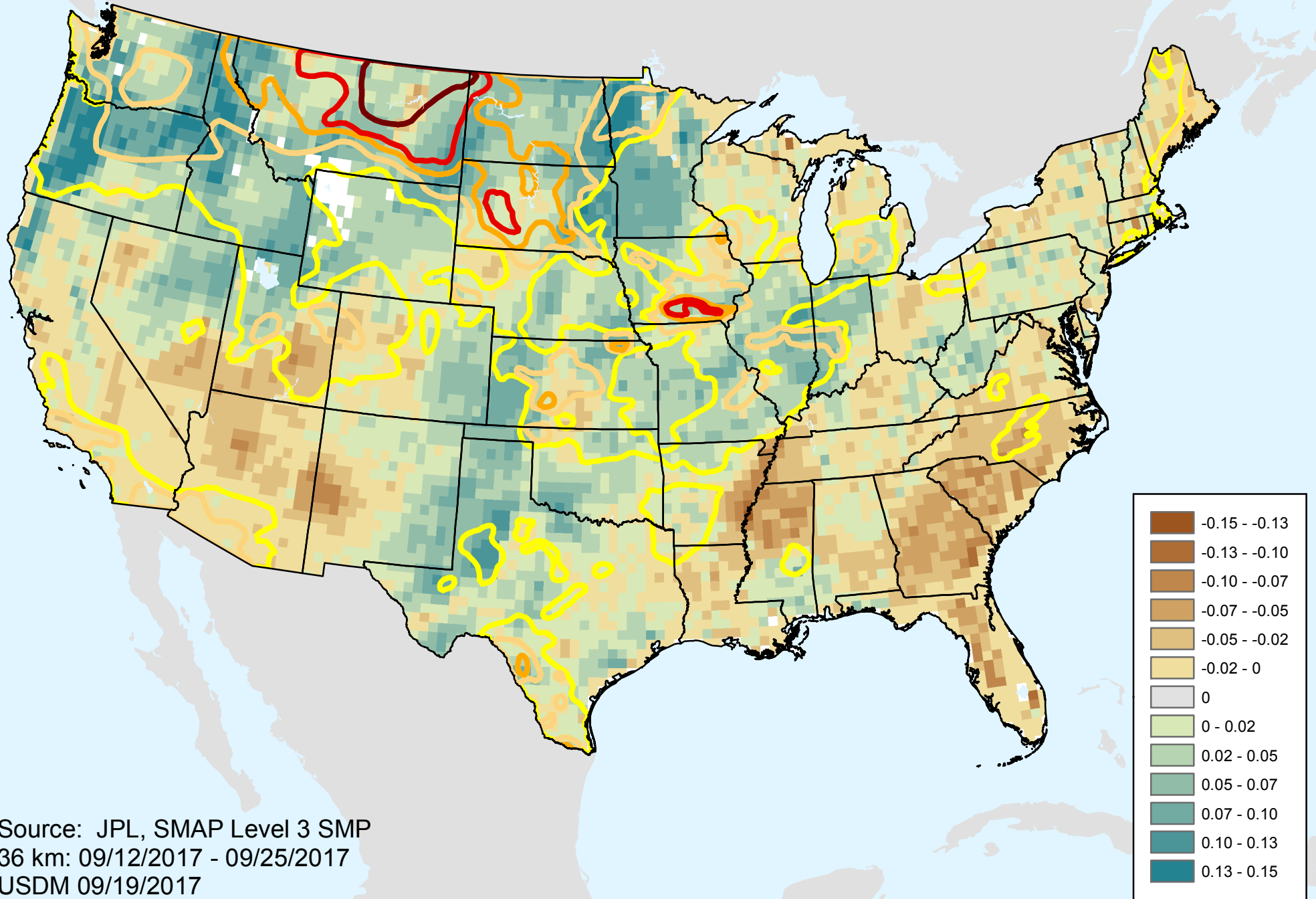


SMAP 1-Week Change in Soil Moisture 0-5 cm



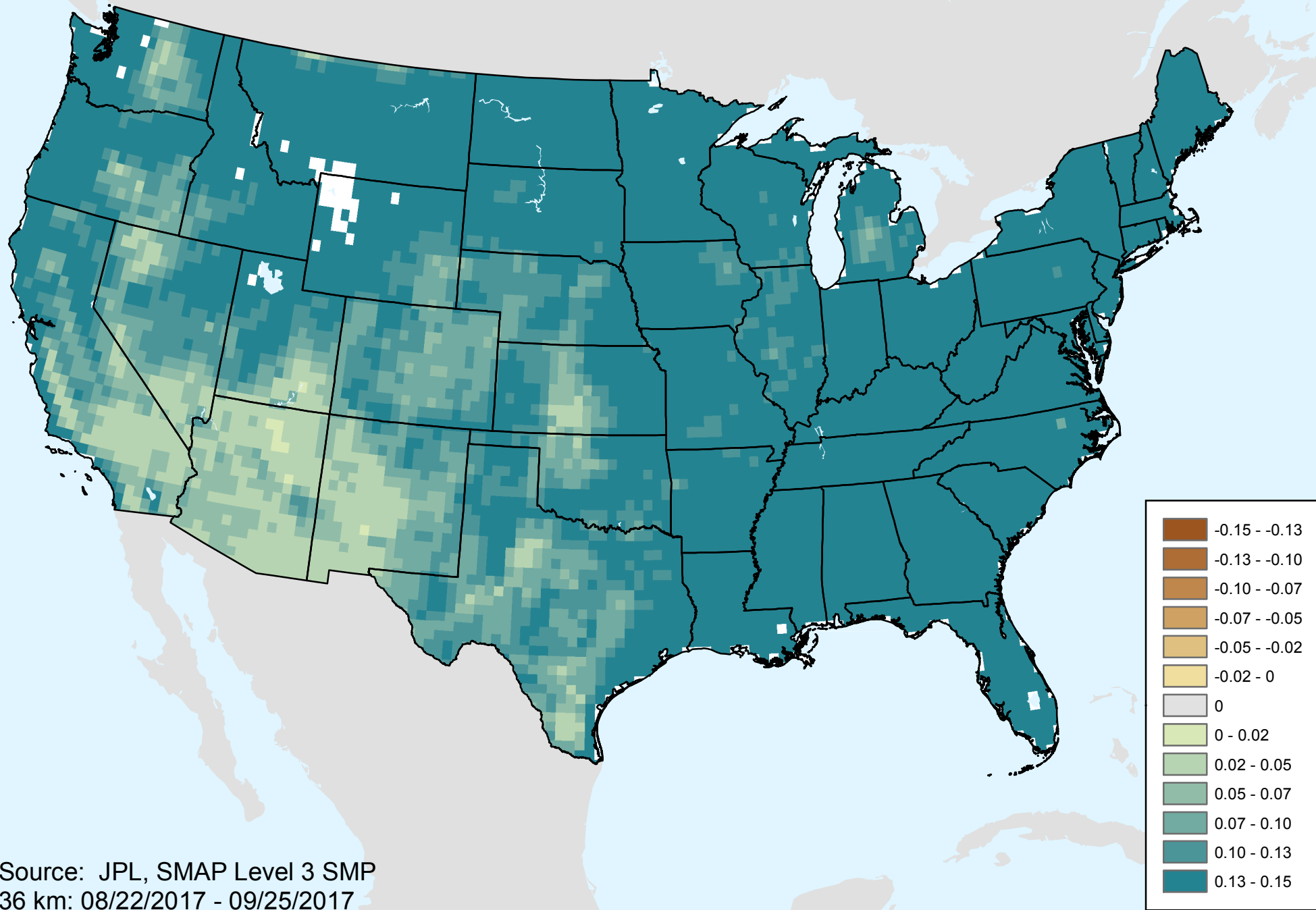
Source: JPL, SMAP Level 3 SMP
36 km: 09/12/2017 - 09/25/2017

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



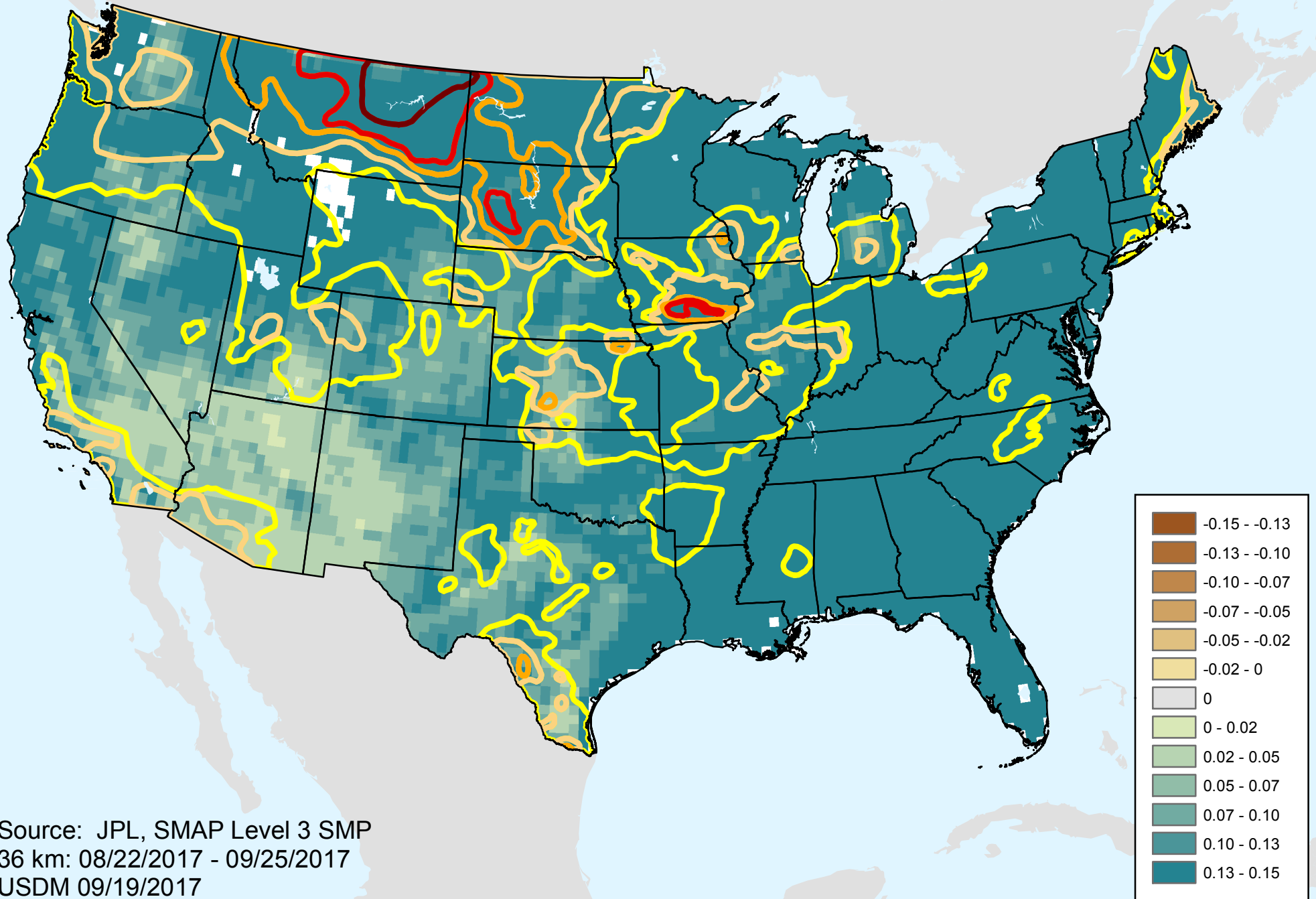
Source: JPL, SMAP Level 3 SMP
36 km: 09/12/2017 - 09/25/2017
USDM 09/19/2017

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

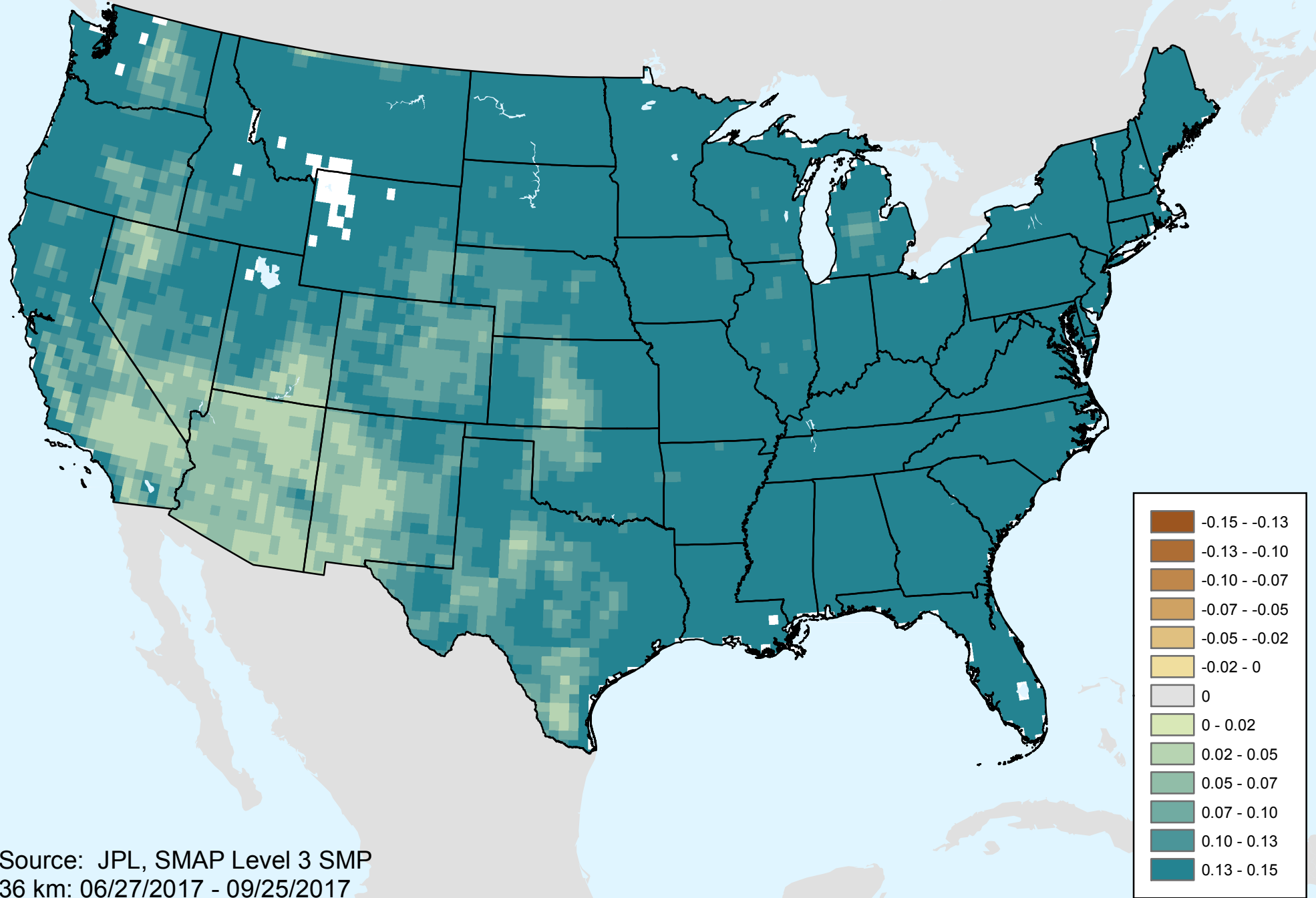


Source: JPL, SMAP Level 3 SMP
36 km: 08/22/2017 - 09/25/2017

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

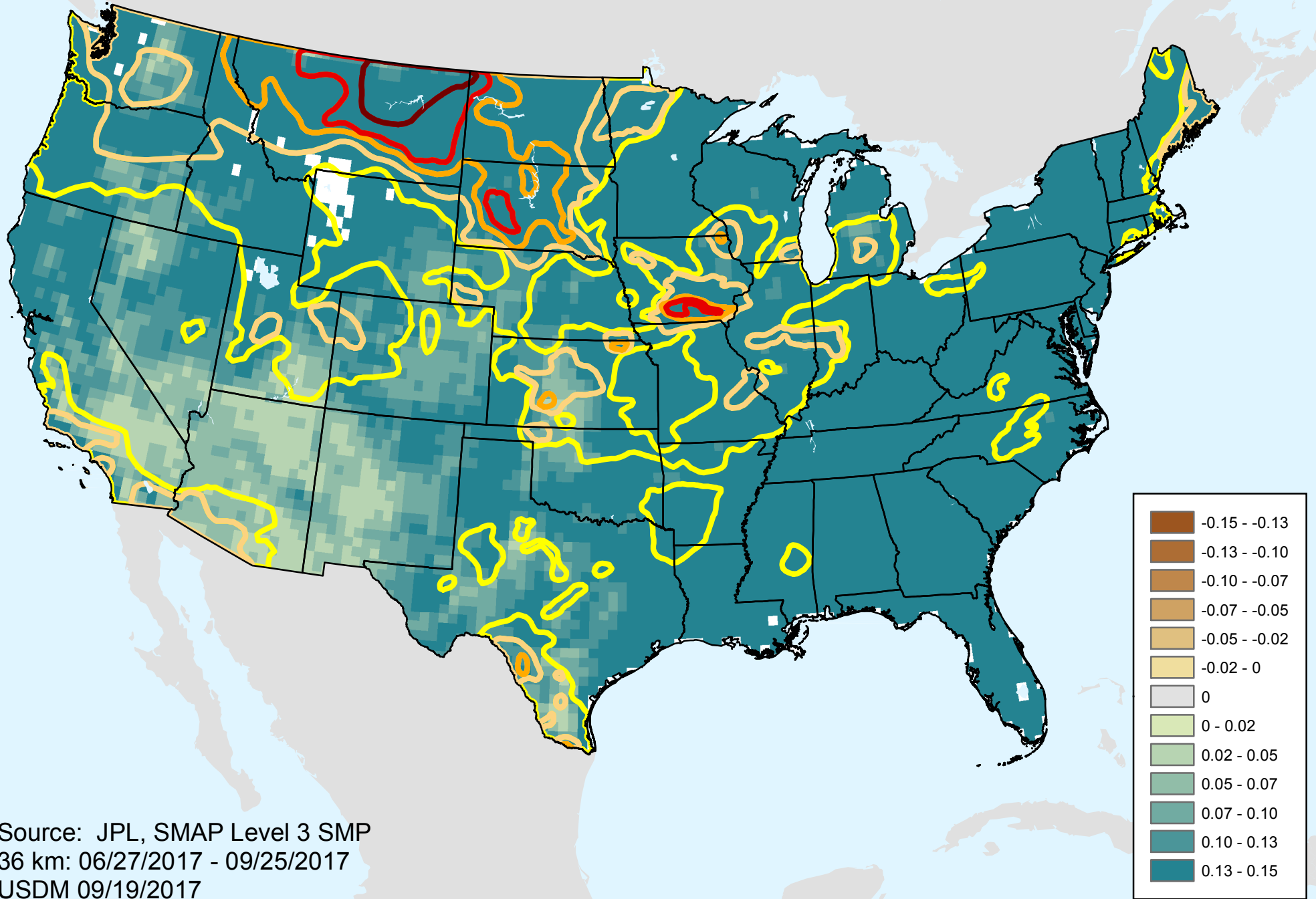


SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP
36 km: 06/27/2017 - 09/25/2017

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



Source: JPL, SMAP Level 3 SMP
36 km: 06/27/2017 - 09/25/2017
USDM 09/19/2017