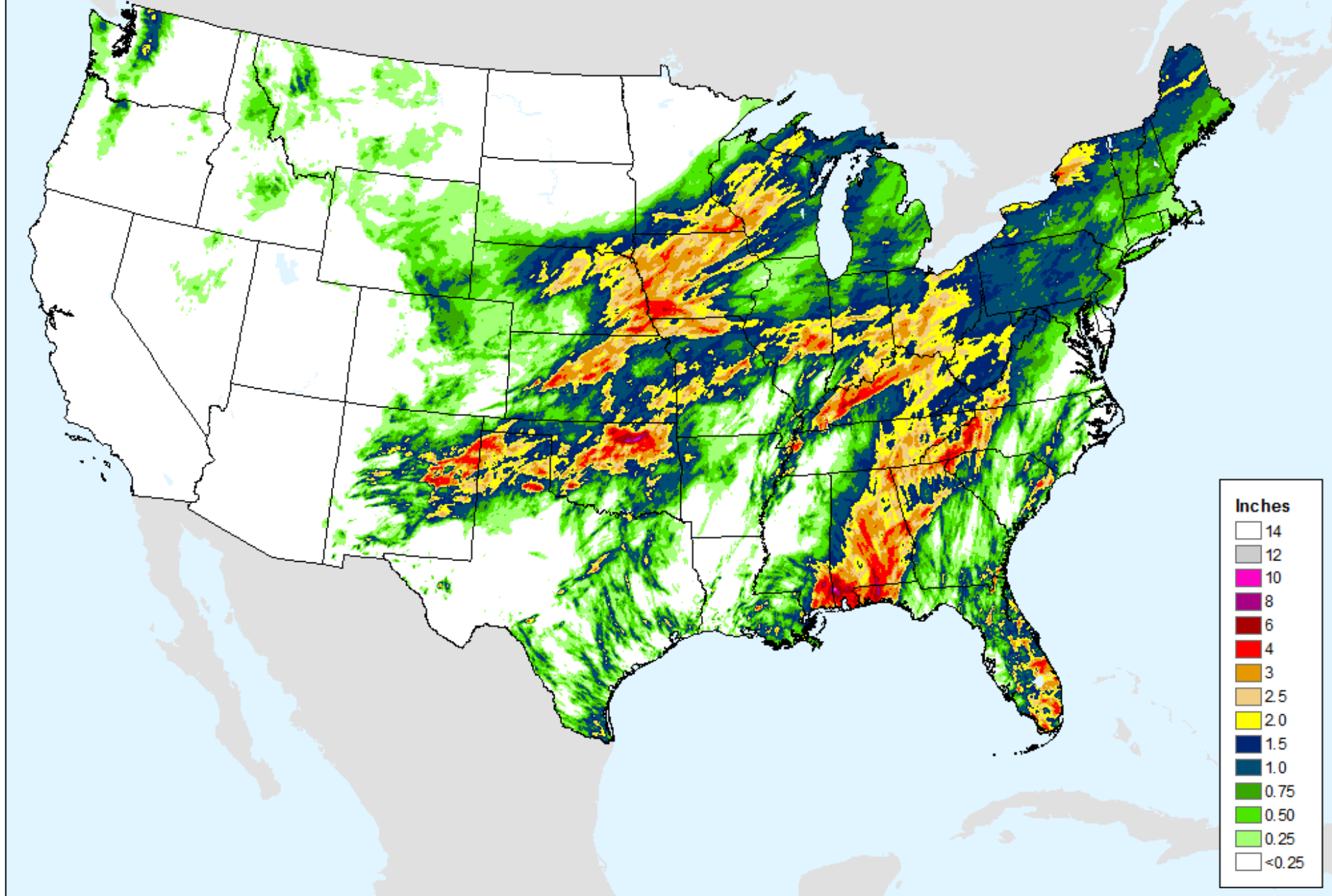


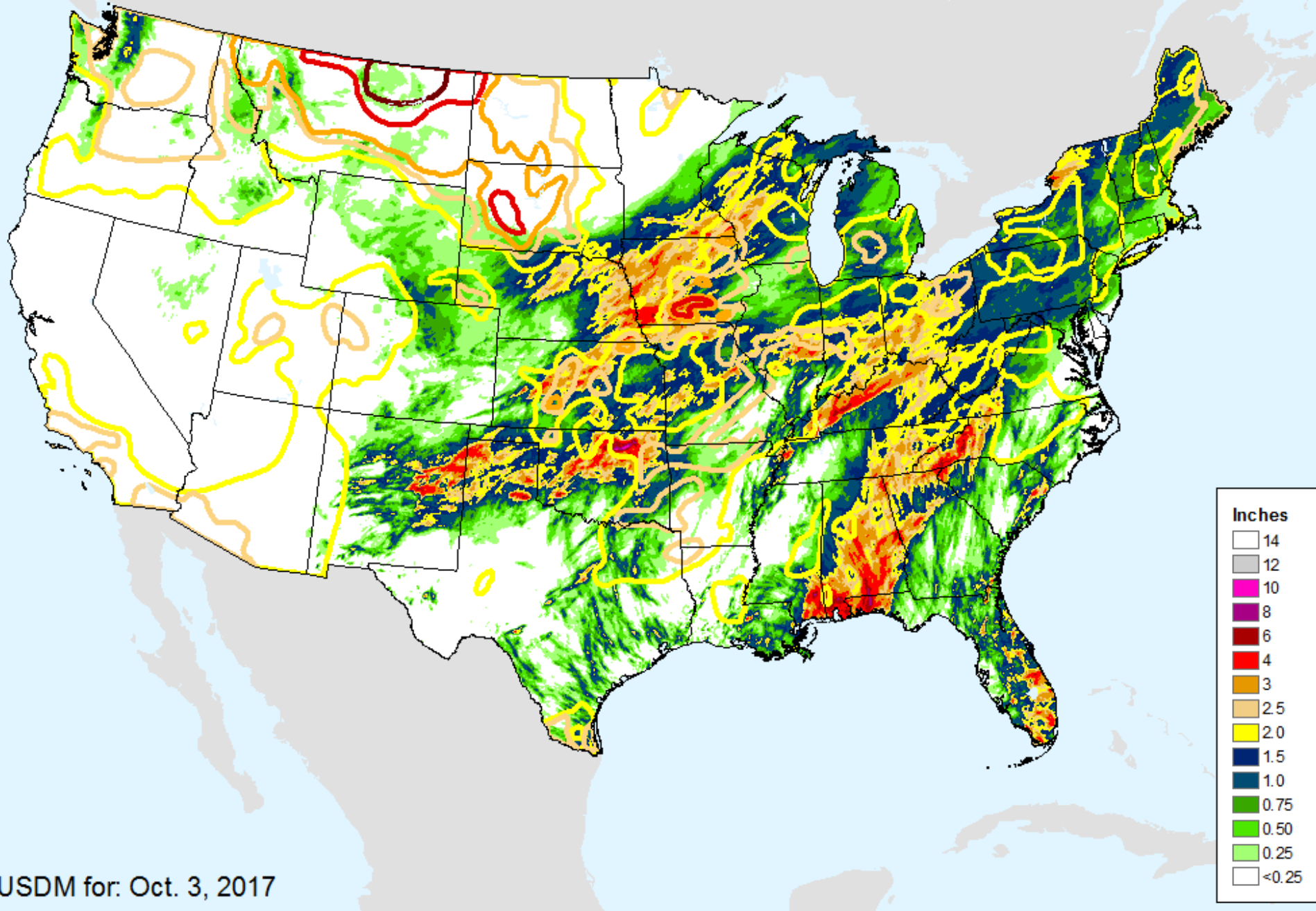
# AHPS 7-Day Precipitation

As of: Tuesday, October 10, 2017



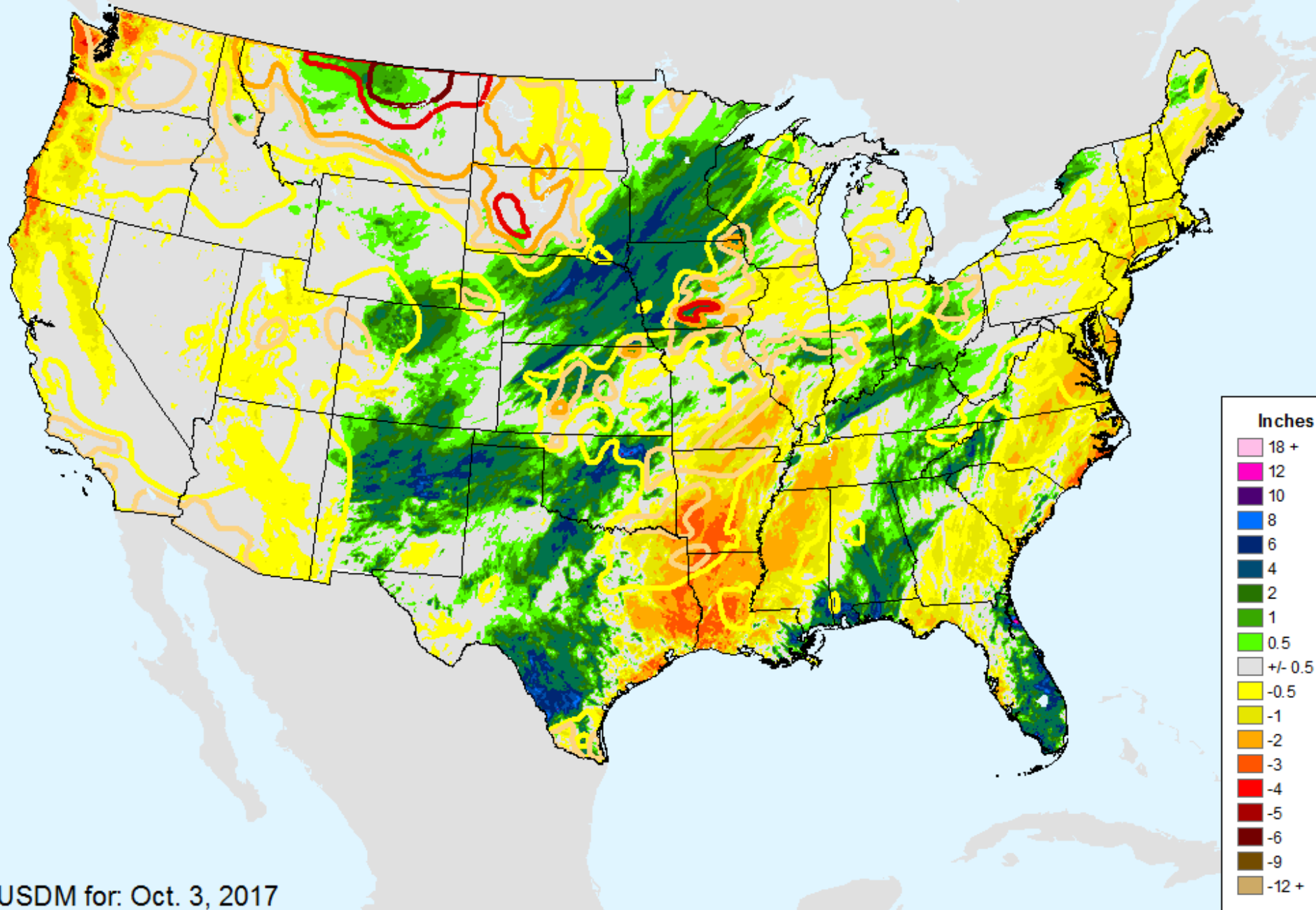
# AHPS 7-Day Precipitation

As of: Tuesday, October 10, 2017



# AHPS 14-Day Precip Departure

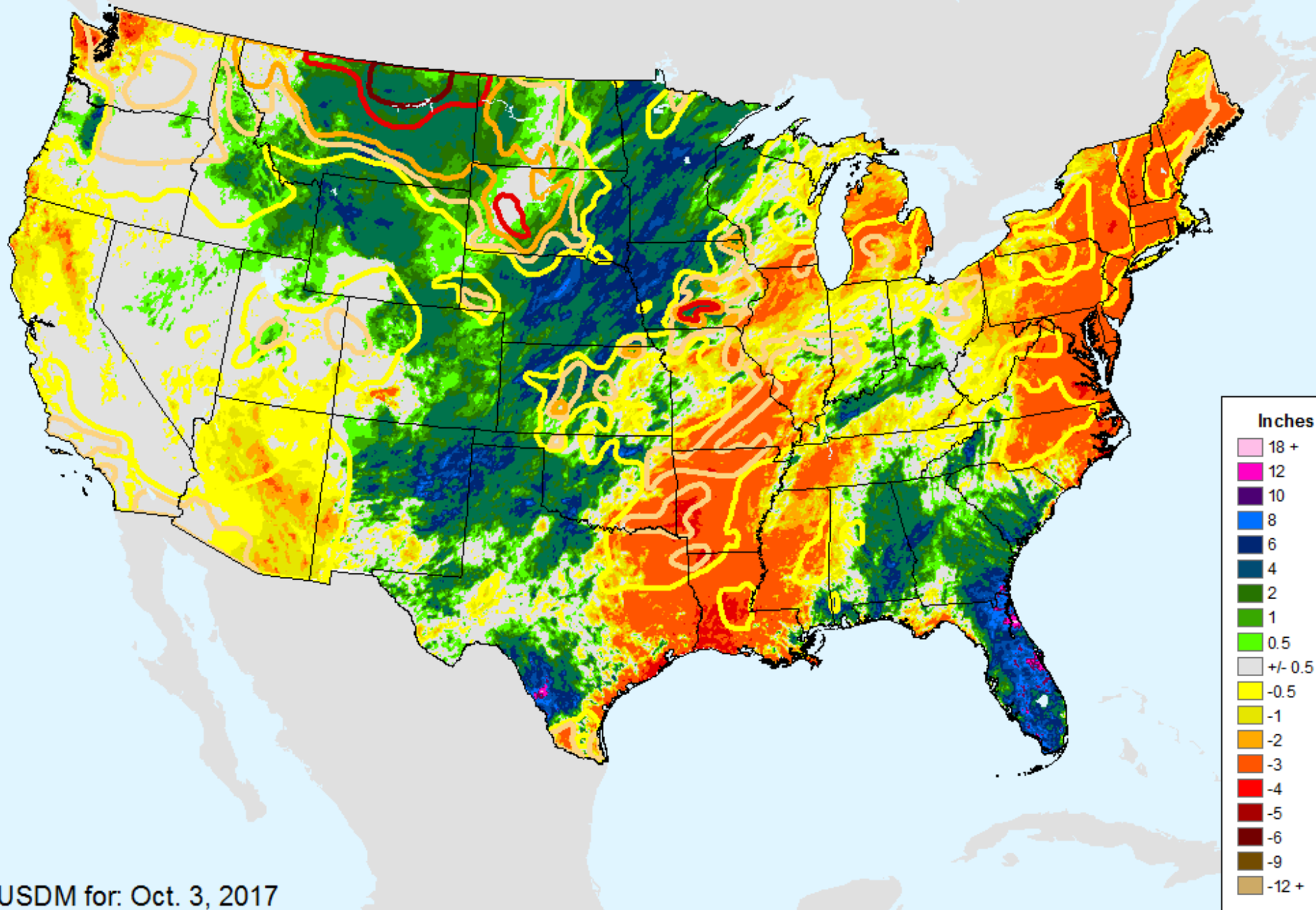
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# AHPS 30-Day Precip Departure

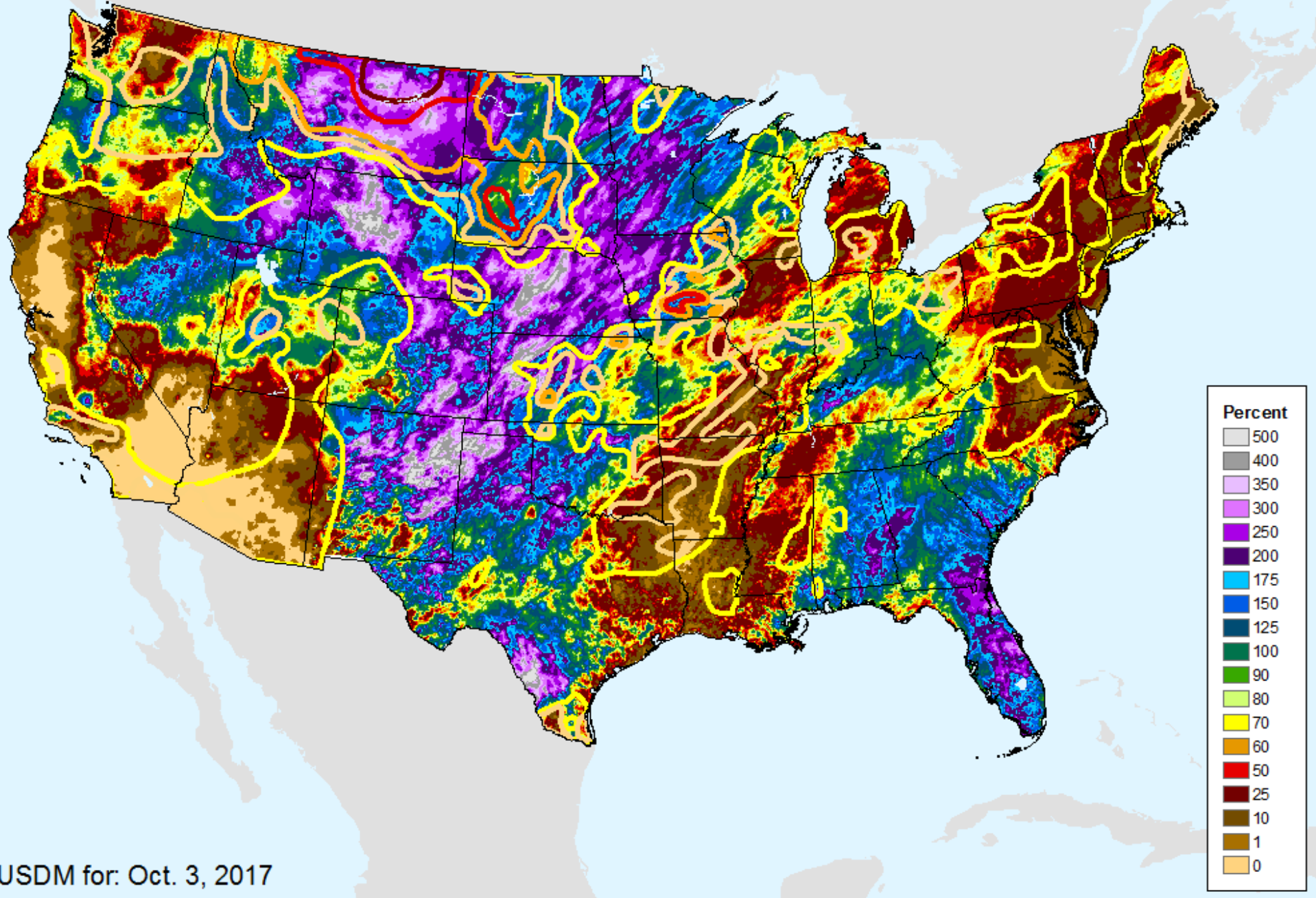
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

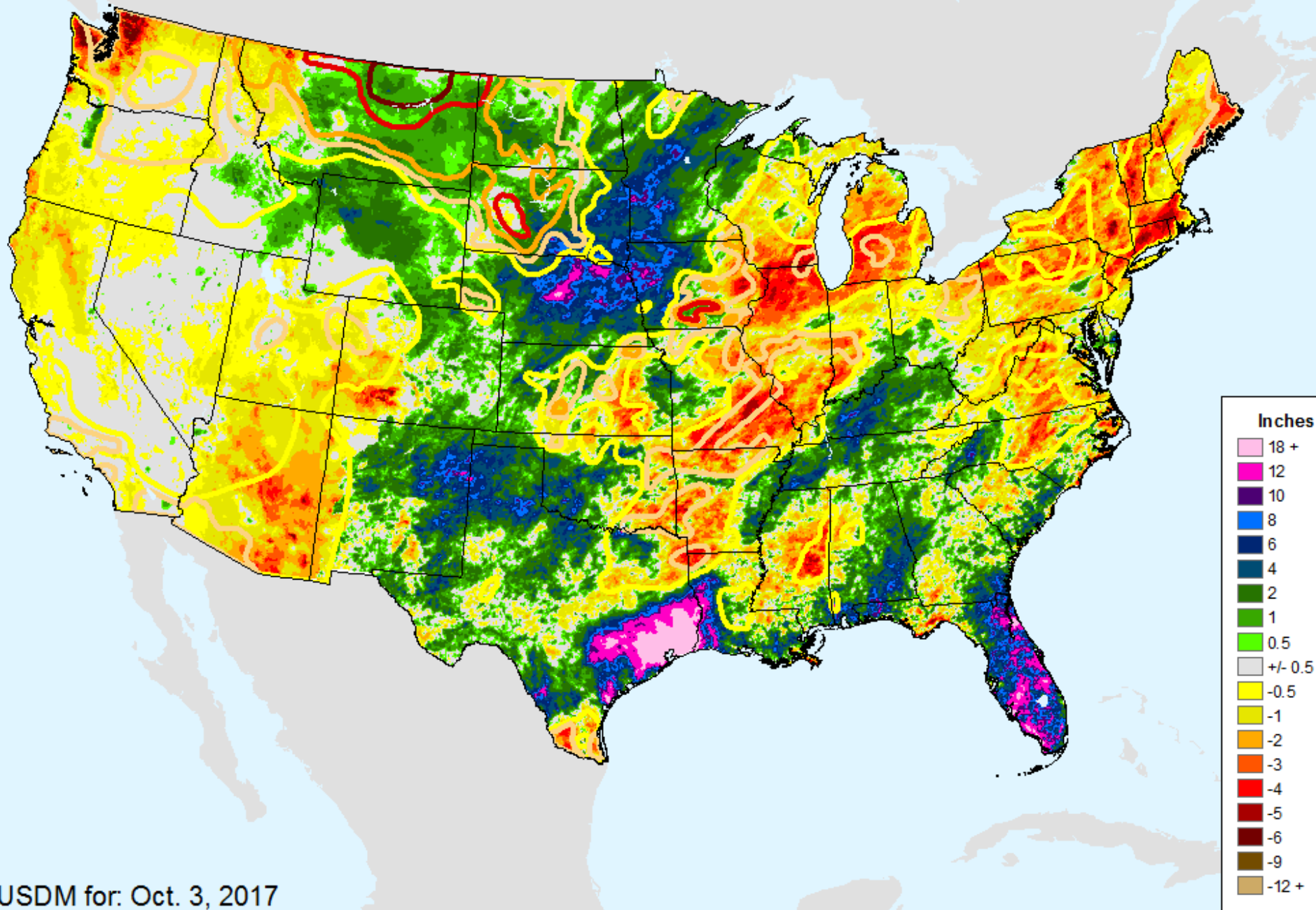
# AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, October 10, 2017



# AHPS 60-Day Precip Departure

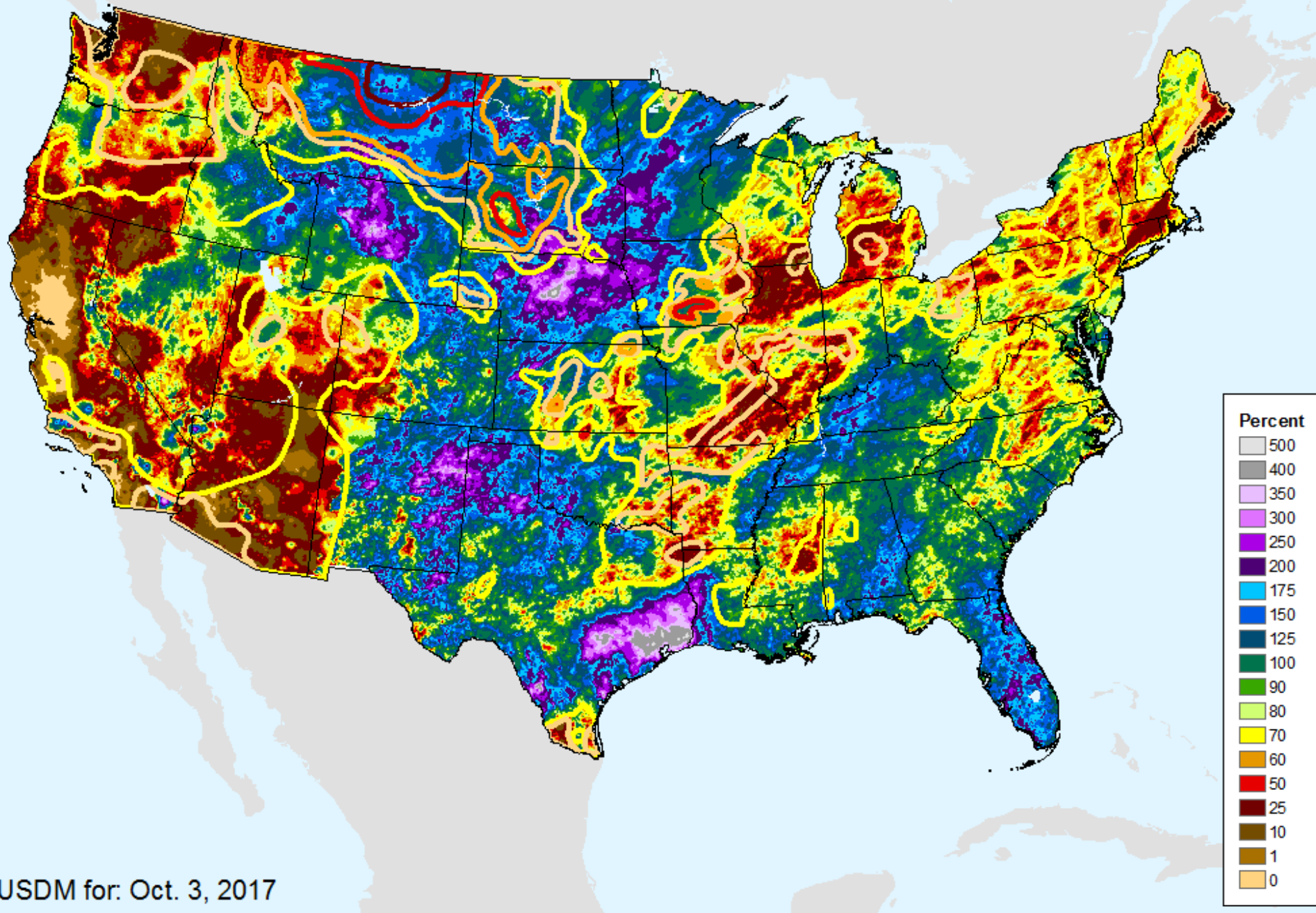
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

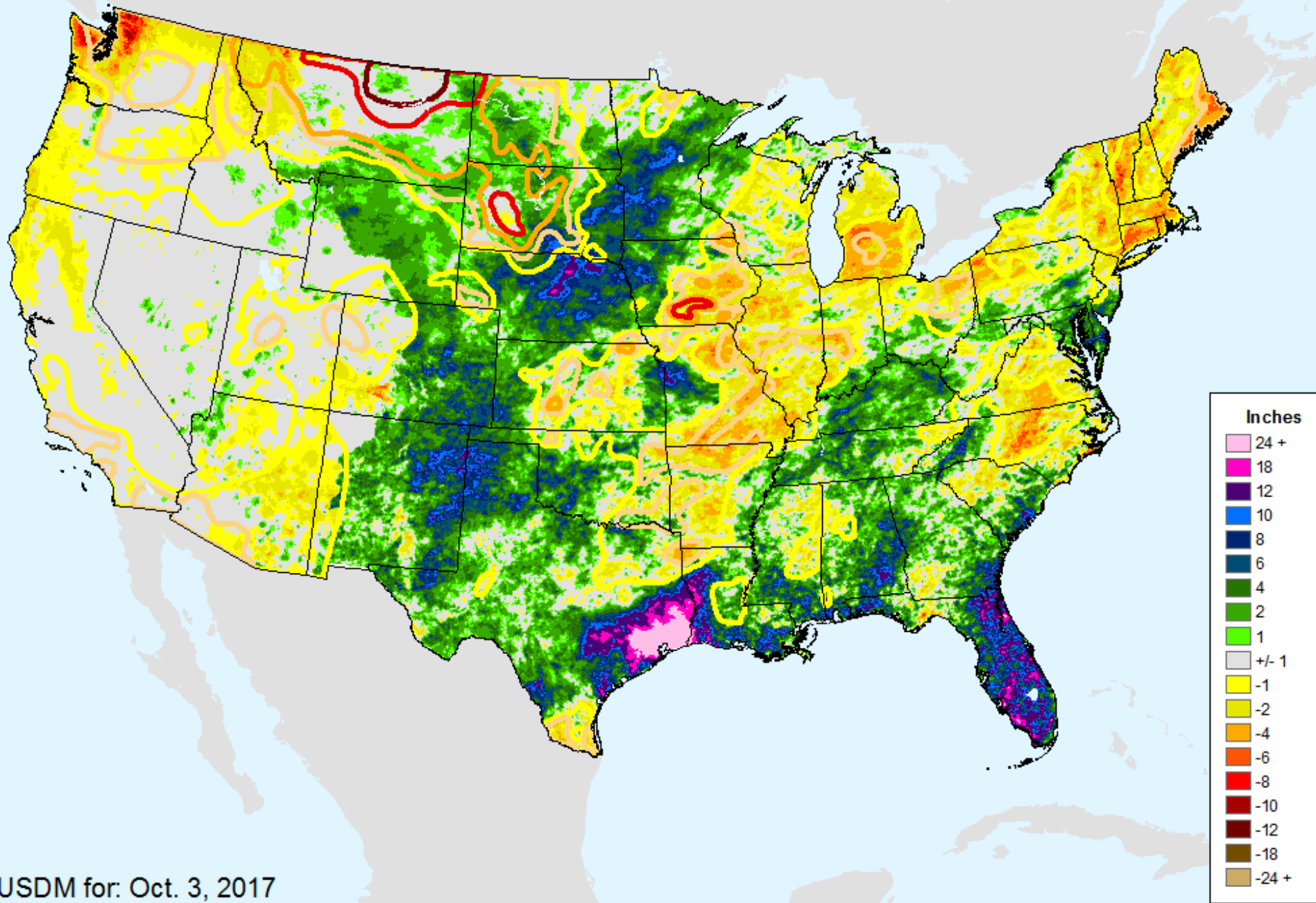
# AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, October 10, 2017



# AHPS 90-Day Precip Departure

As of: Tuesday, October 10, 2017

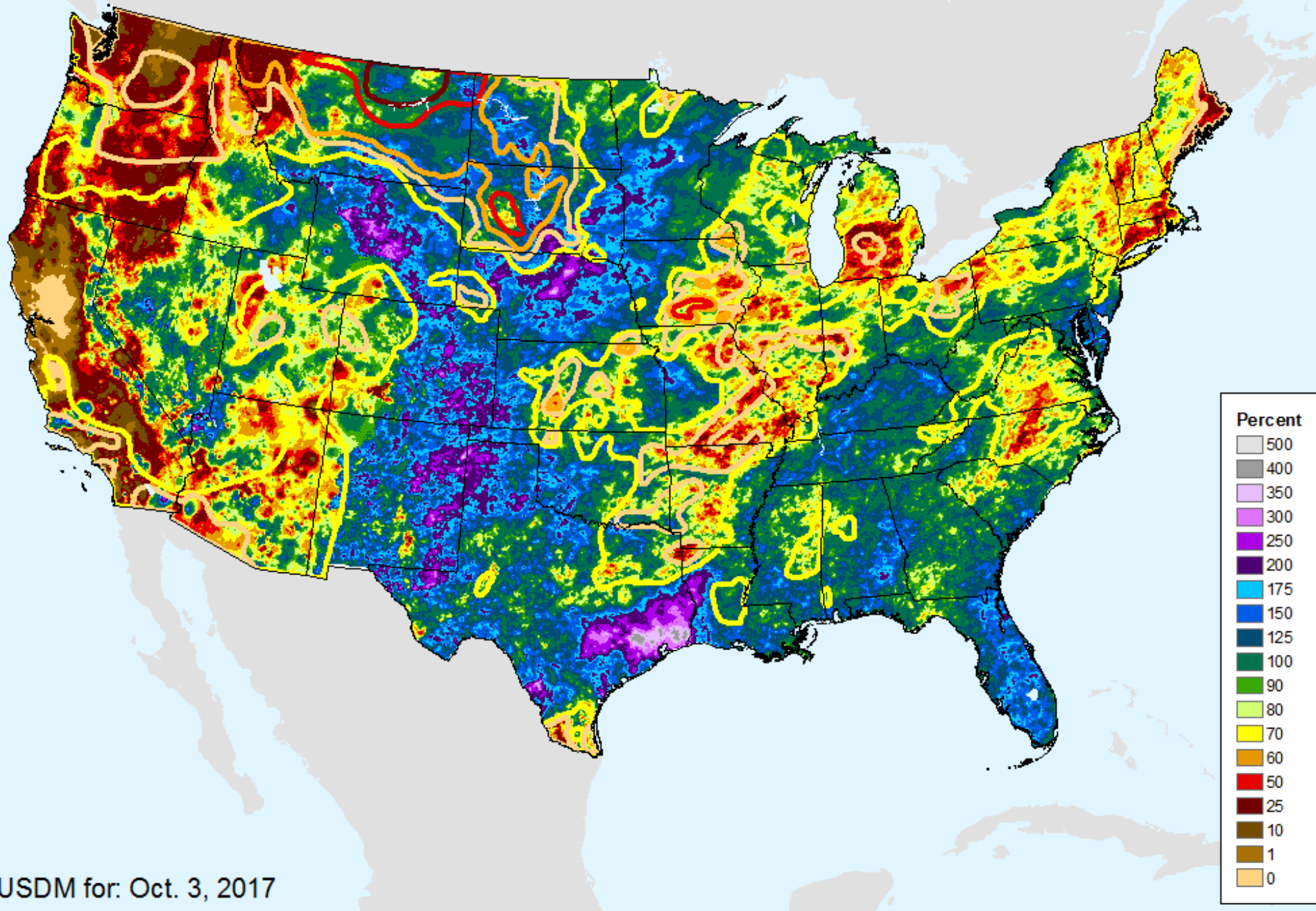


USDM for: Oct. 3, 2017



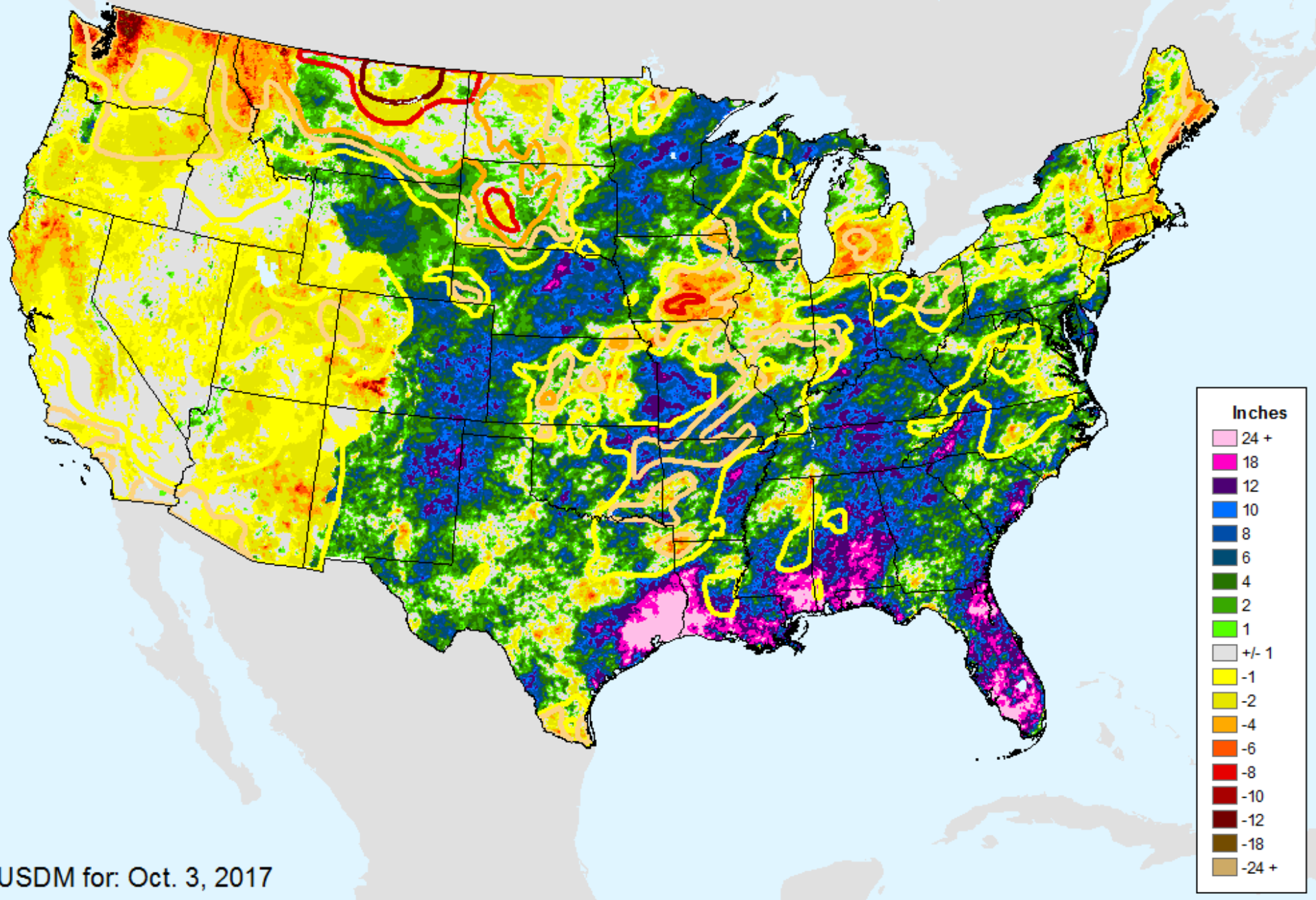
# AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, October 10, 2017



# AHPS 180-Day Precip Departure

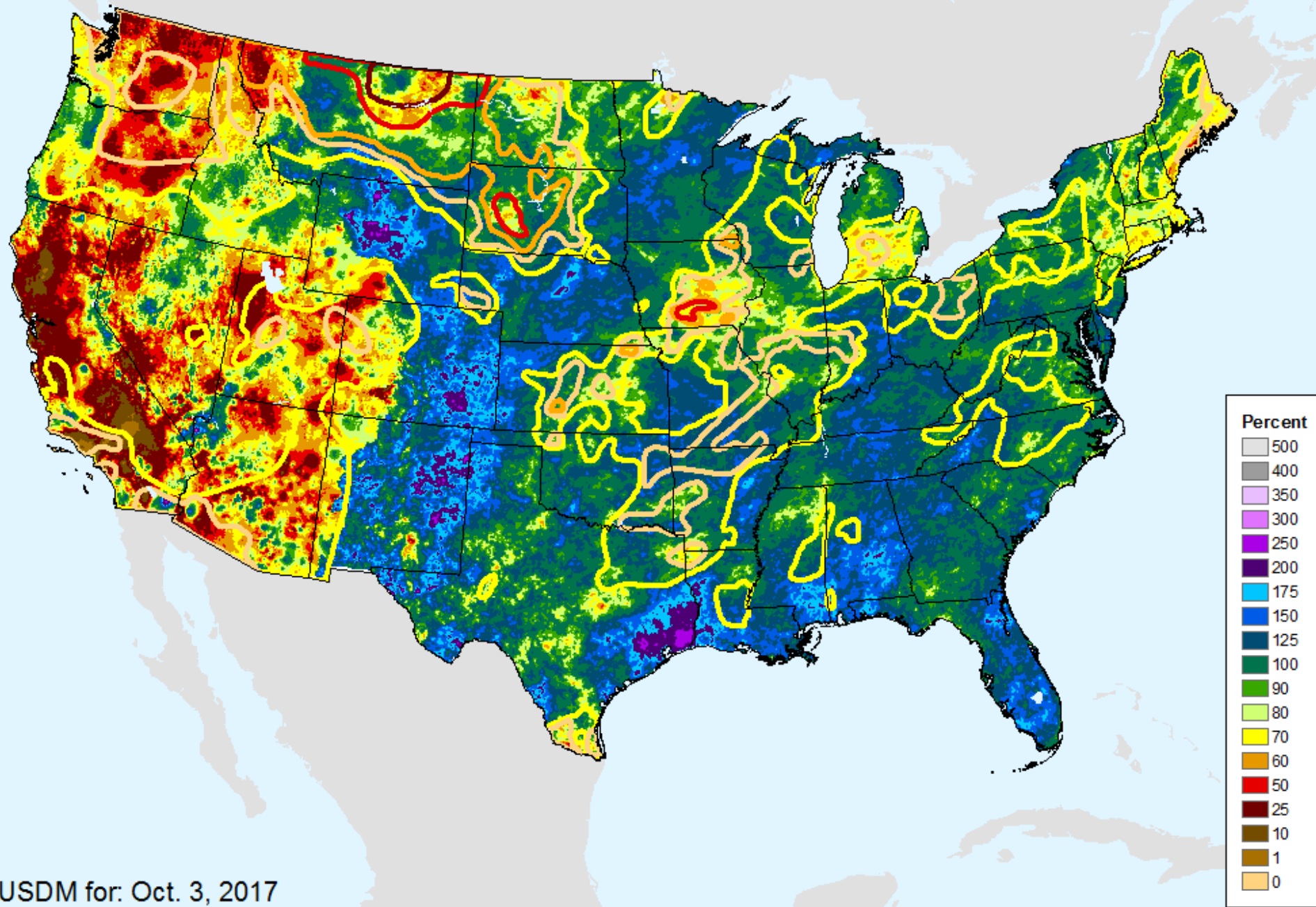
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# AHPS 180-Day Pct of Normal Pcp

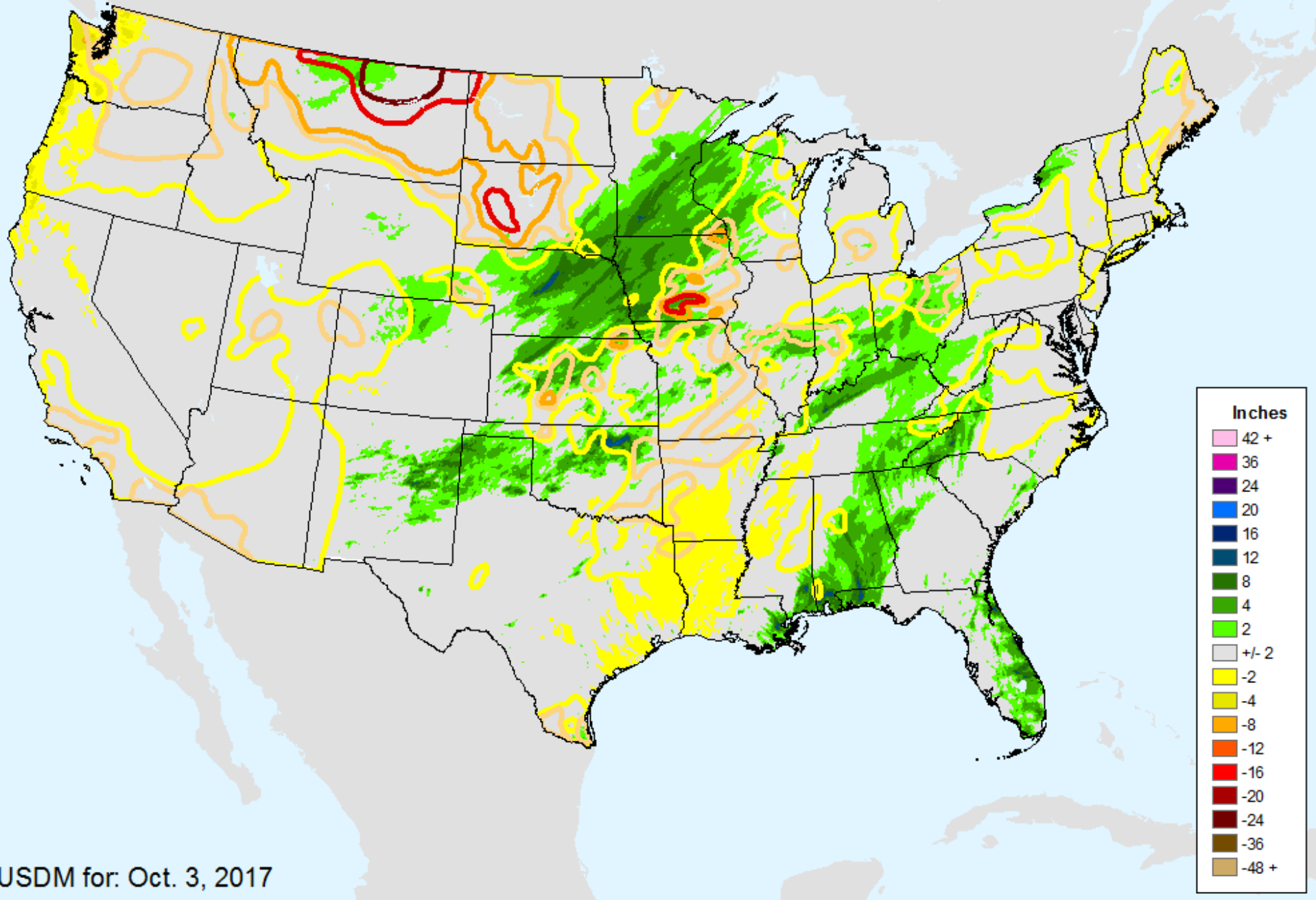
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# AHPS Water-Year Precip Departure

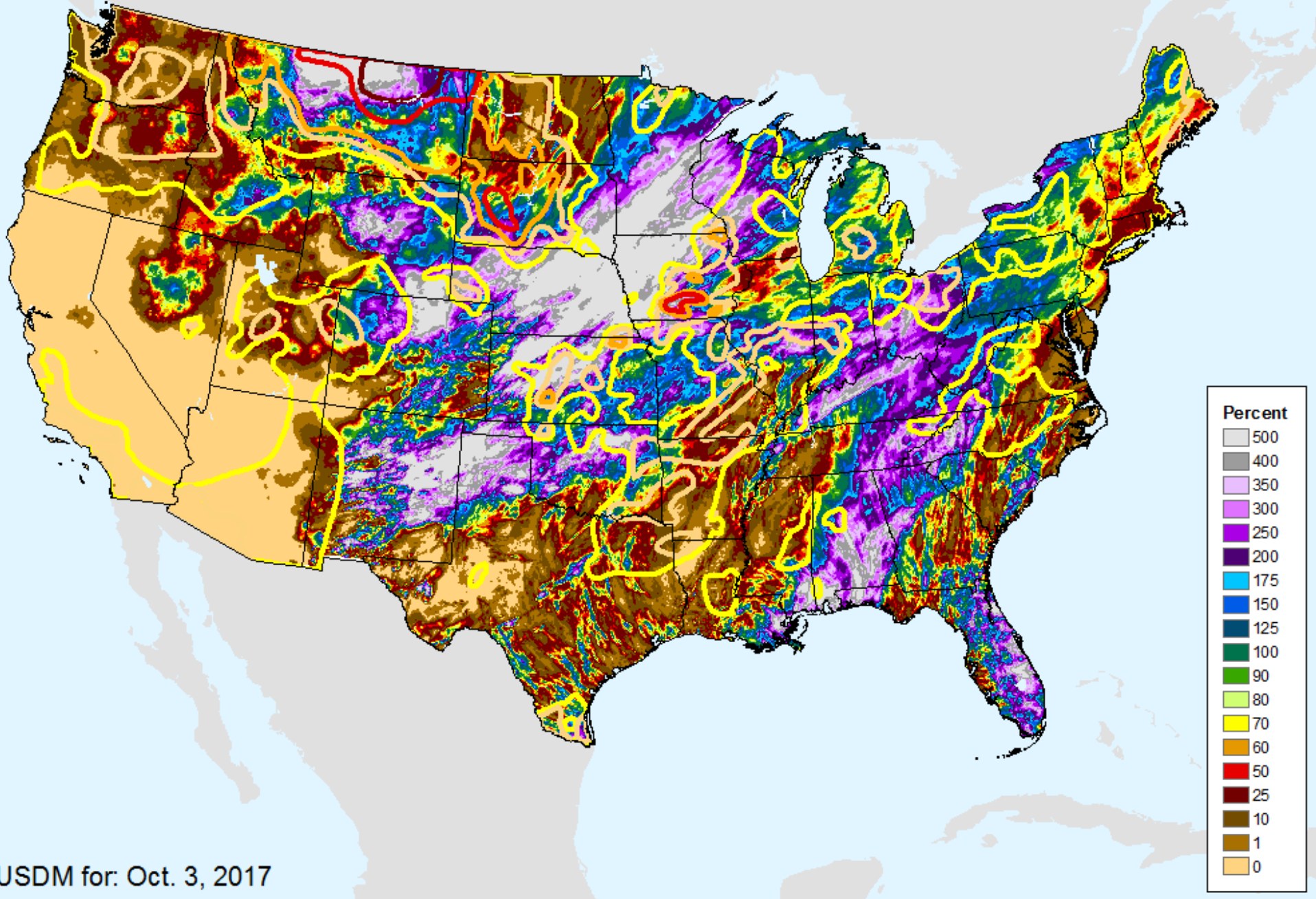
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# AHPS Water-Year Pct of Normal Pcp

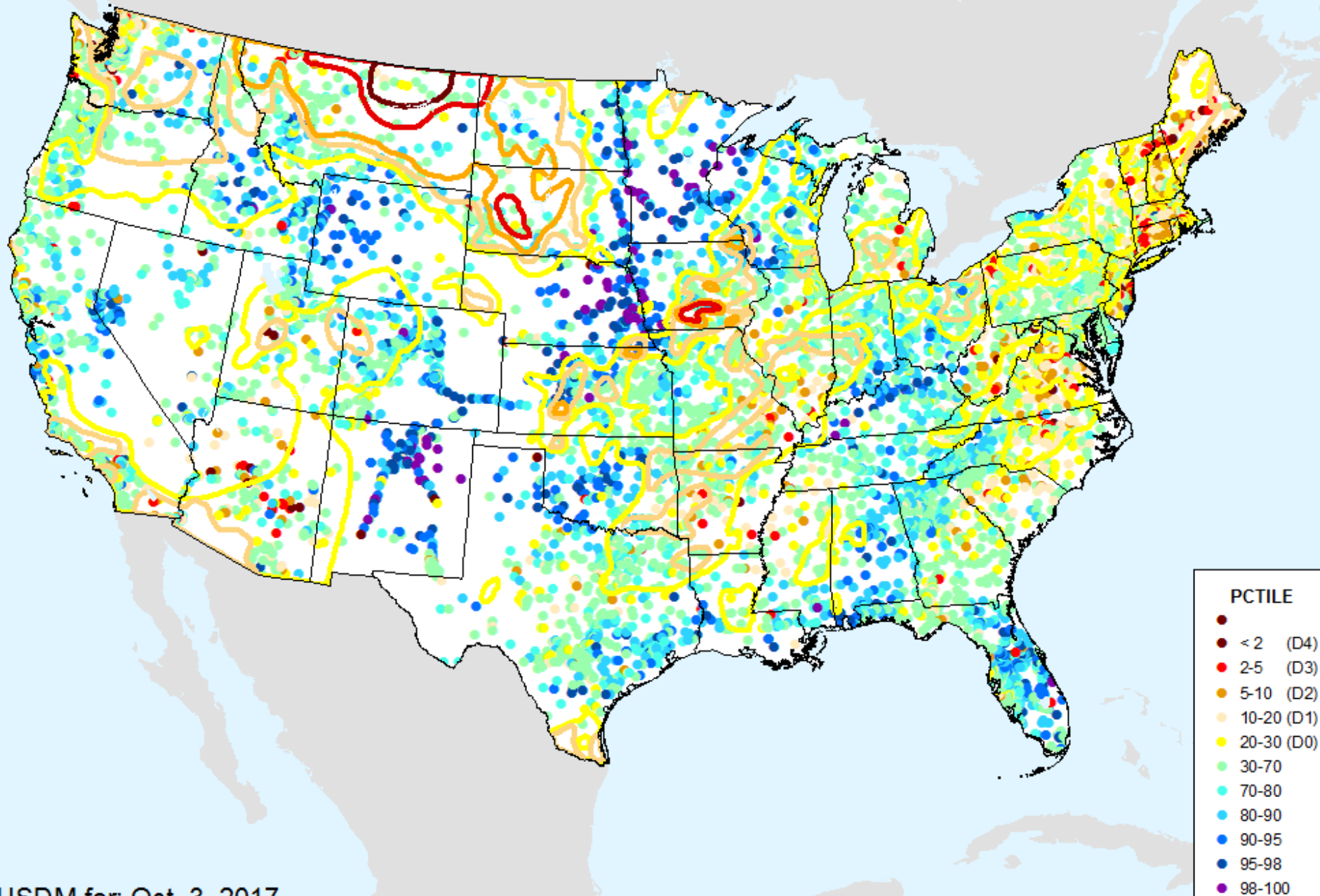
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# USGS 7-Day Avg Streamflow

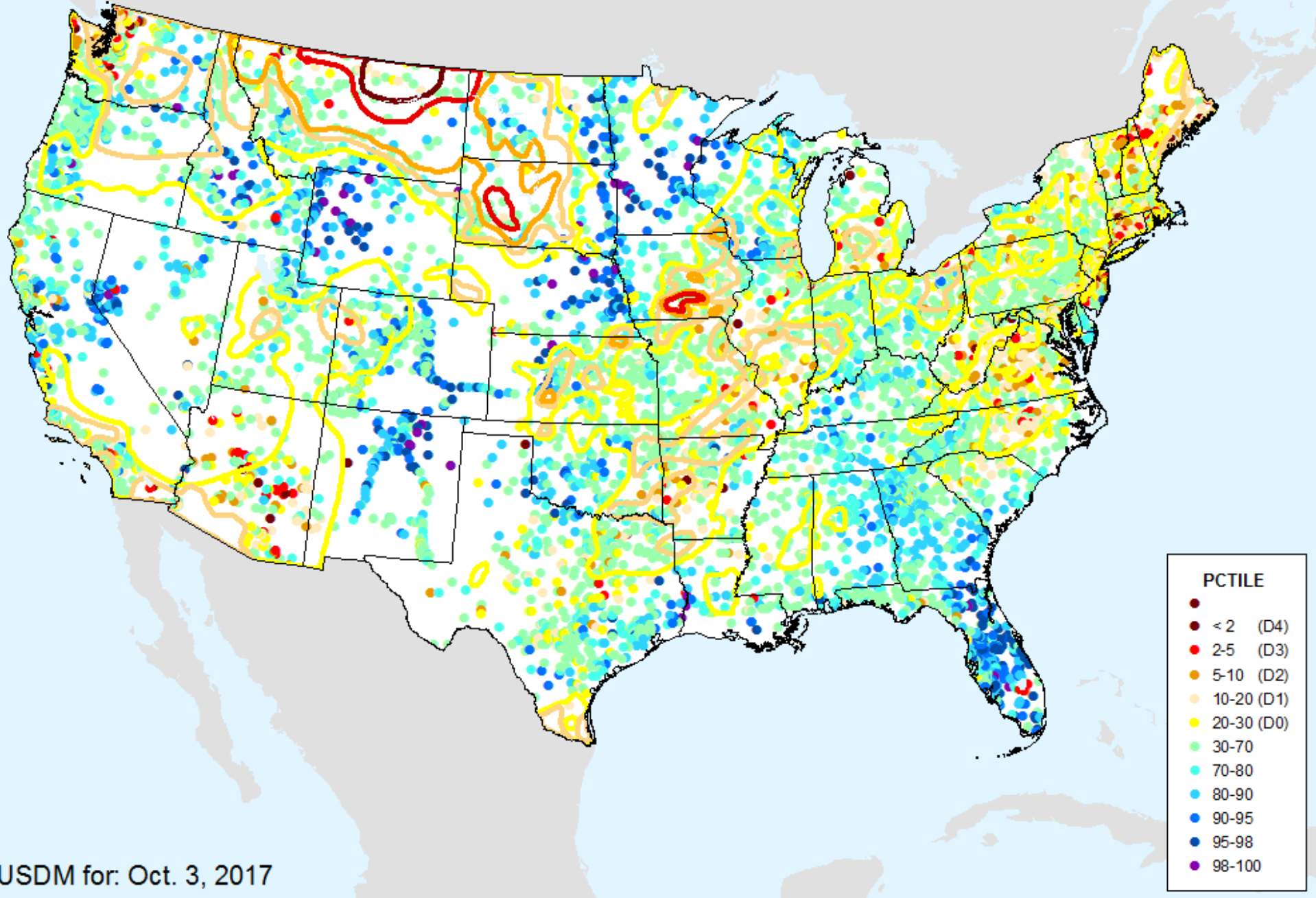
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# USGS 28-Day Avg Streamflow

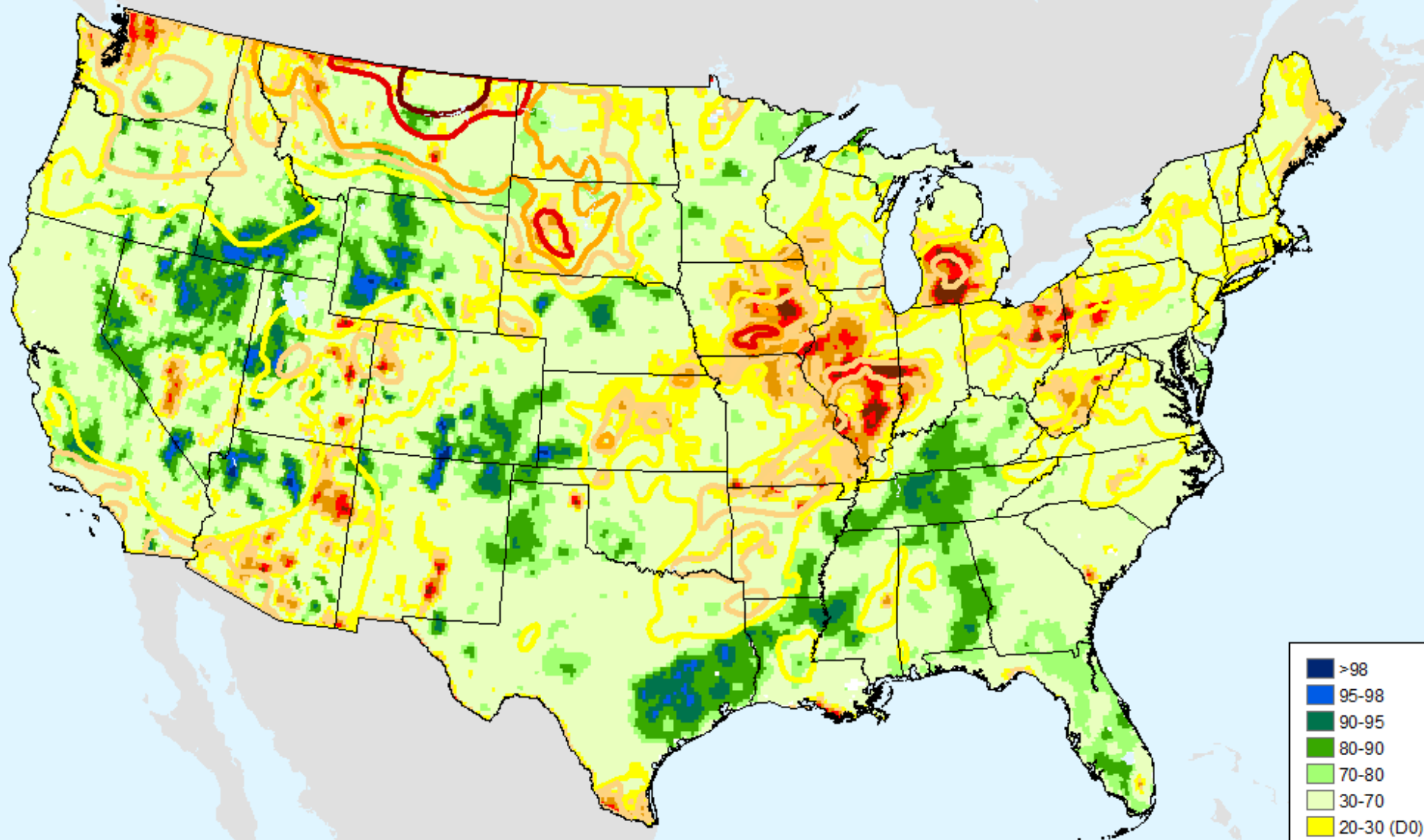
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# NLDAS Top 1m Soil Moisture

As of: Tuesday, October 10, 2017

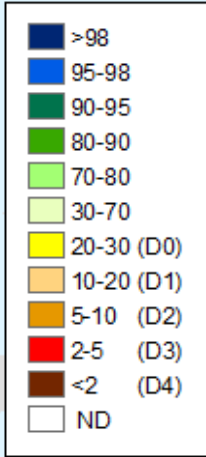
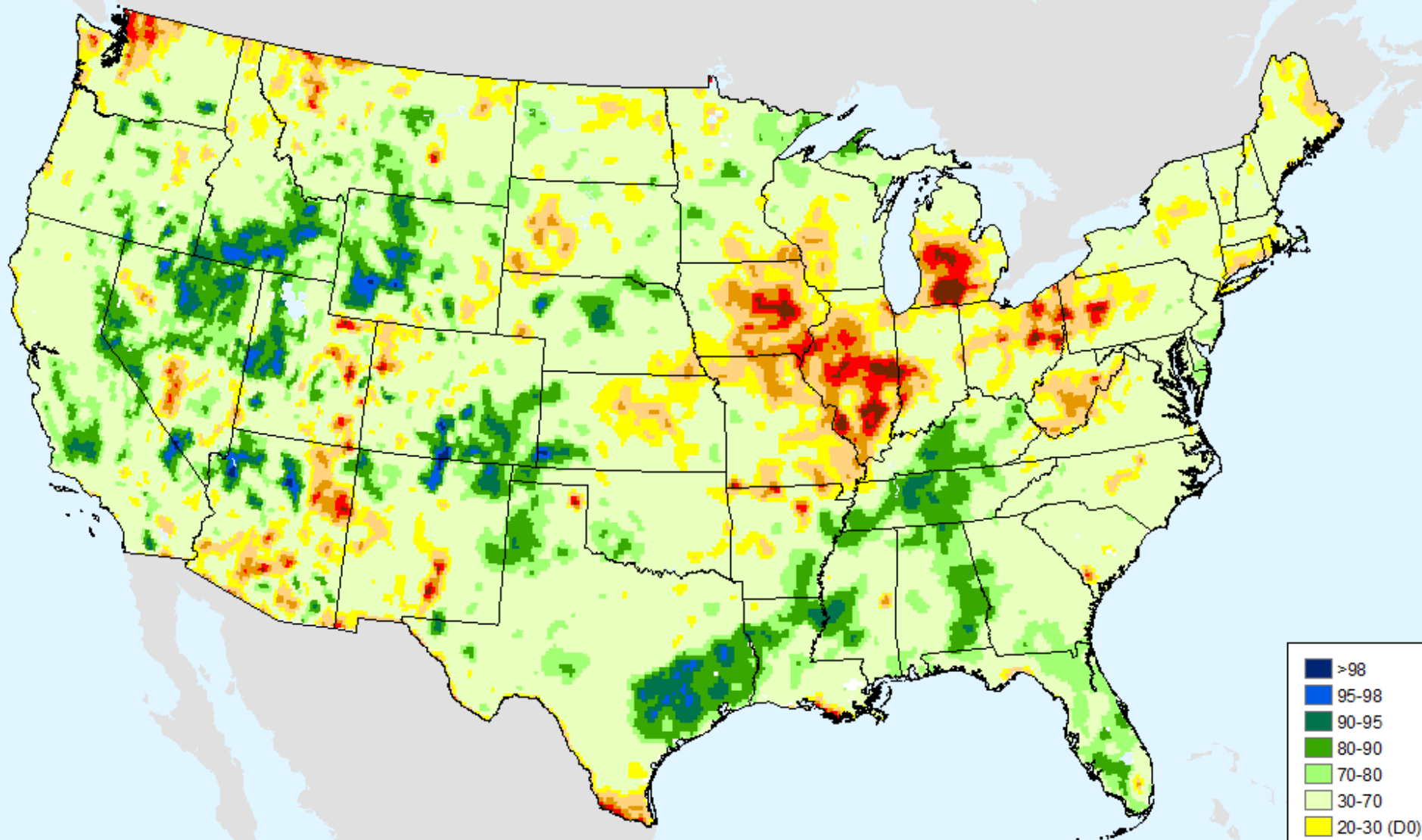


USDM for: Oct. 3, 2017



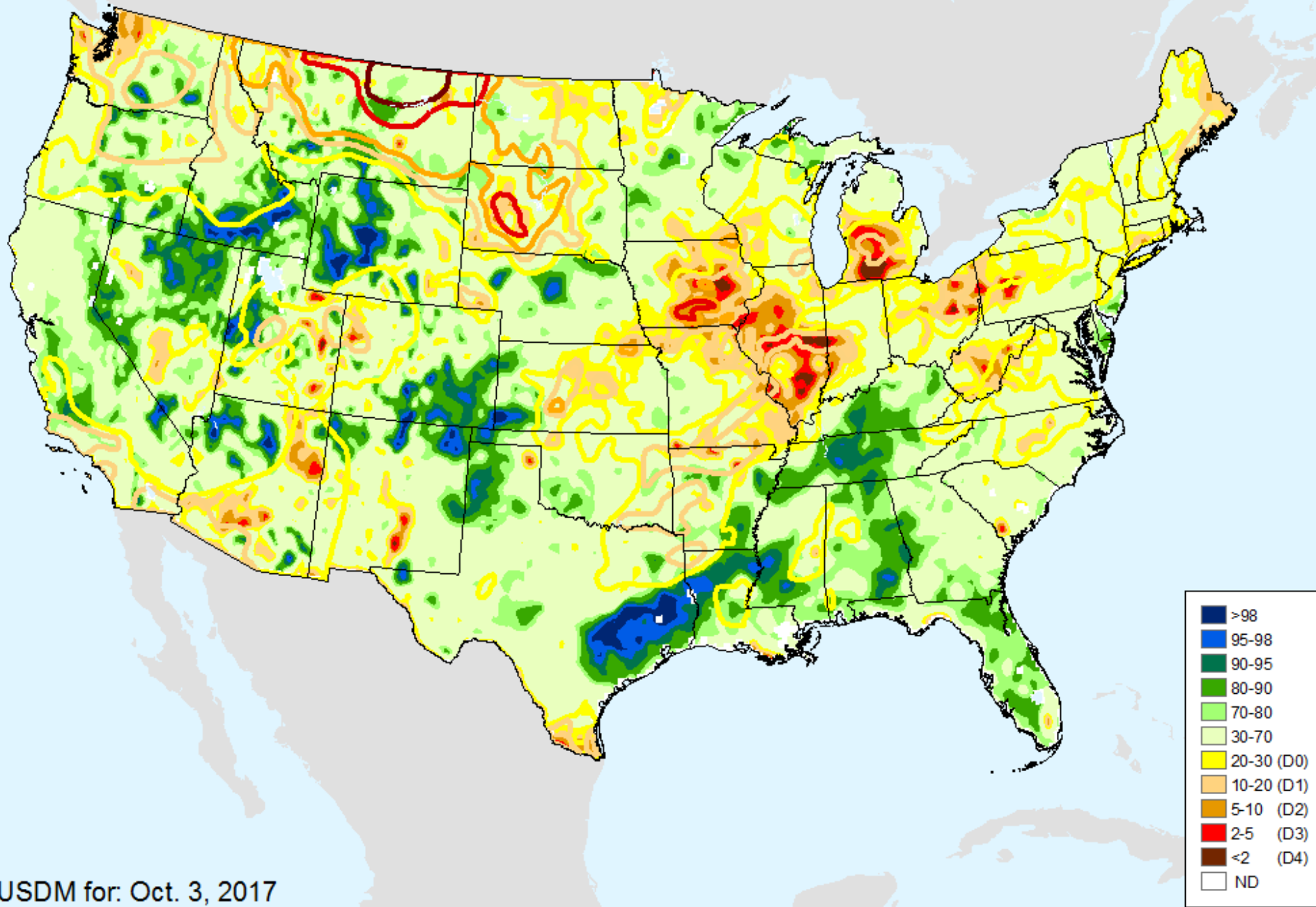
# NLDAS Top 1m Soil Moisture

As of: Tuesday, October 10, 2017



# NLDAS Total Column Soil Moisture

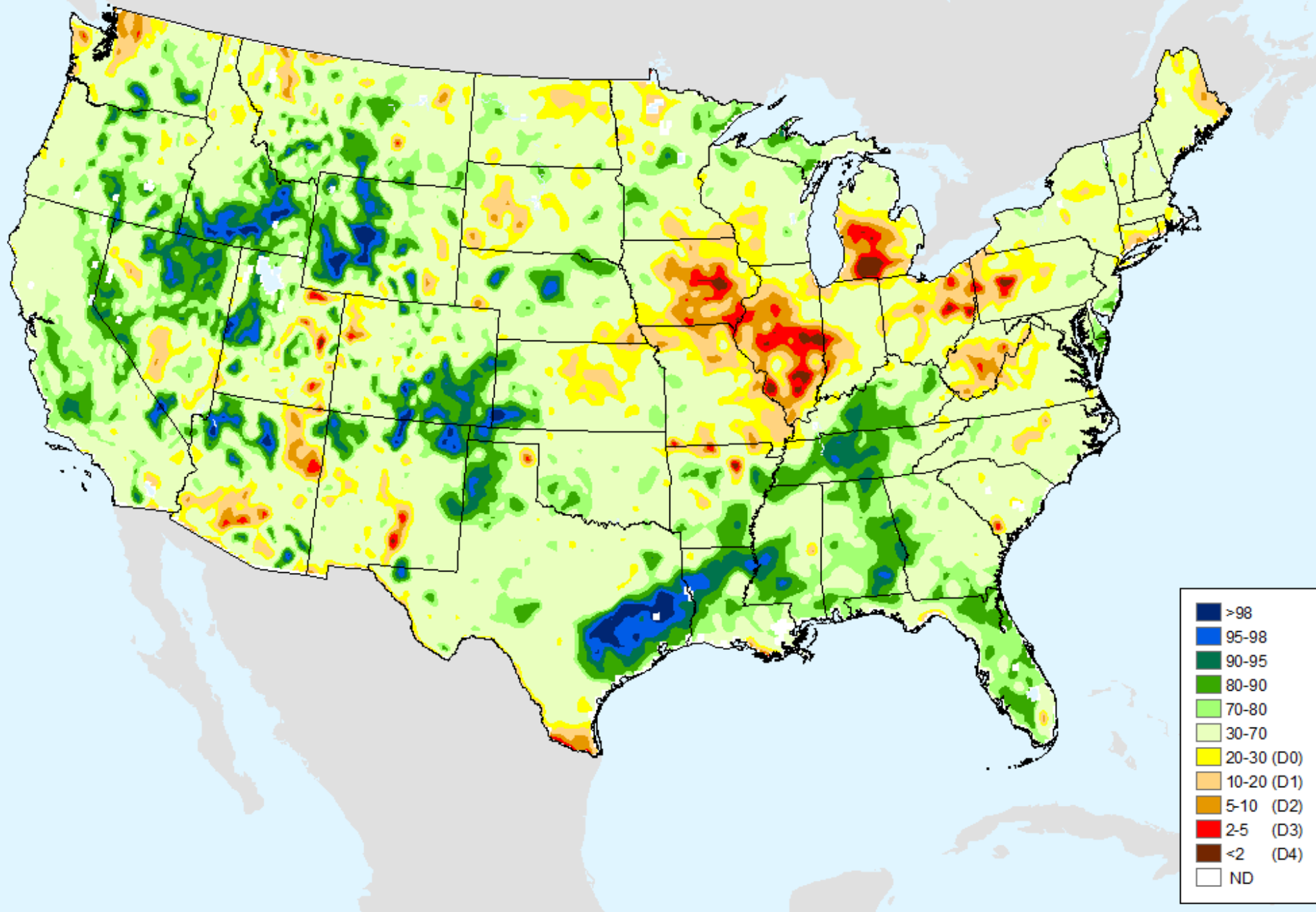
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

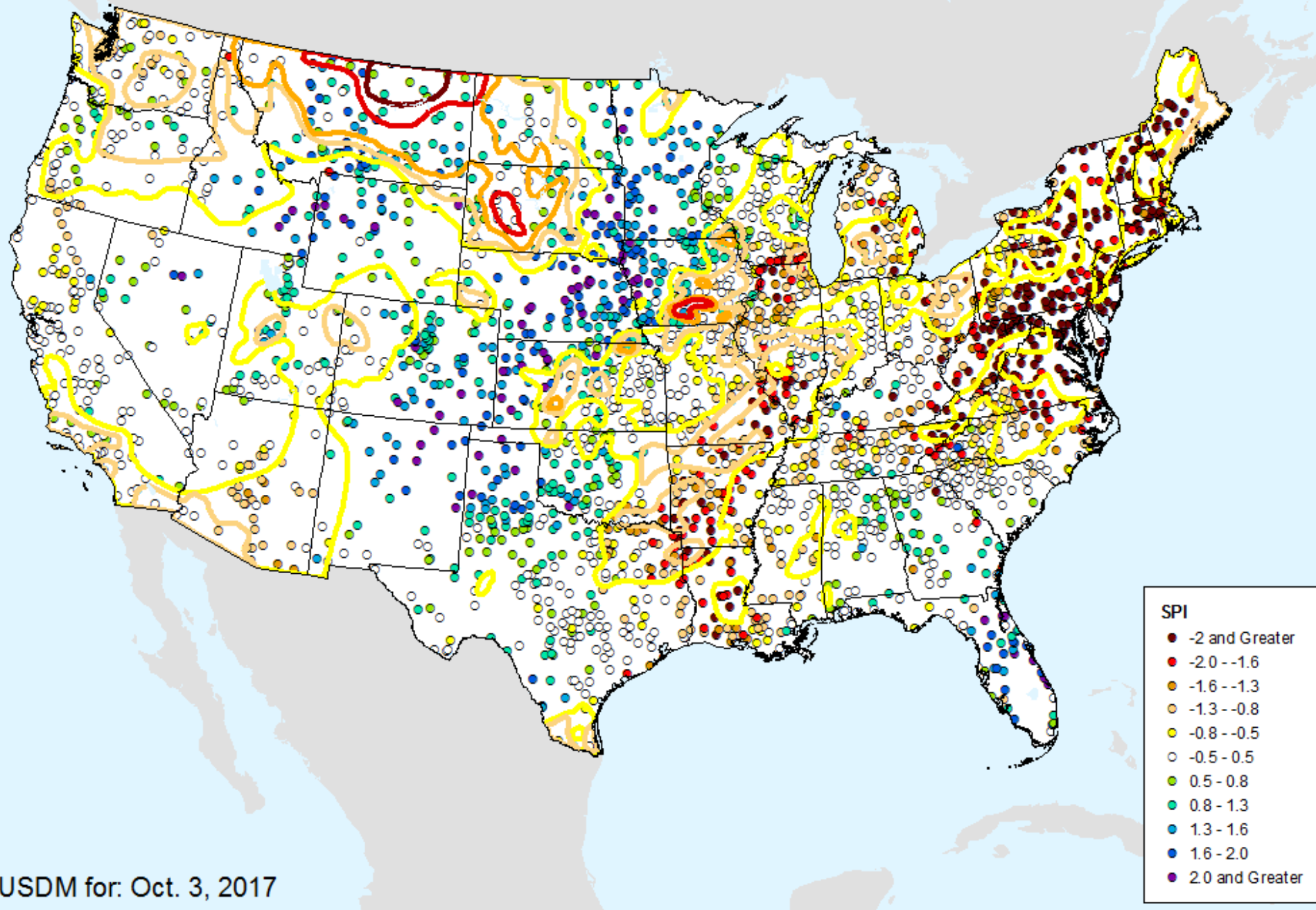
# NLDAS Total Column Soil Moisture

As of: Tuesday, October 10, 2017



# HPRCC 1-month SPI

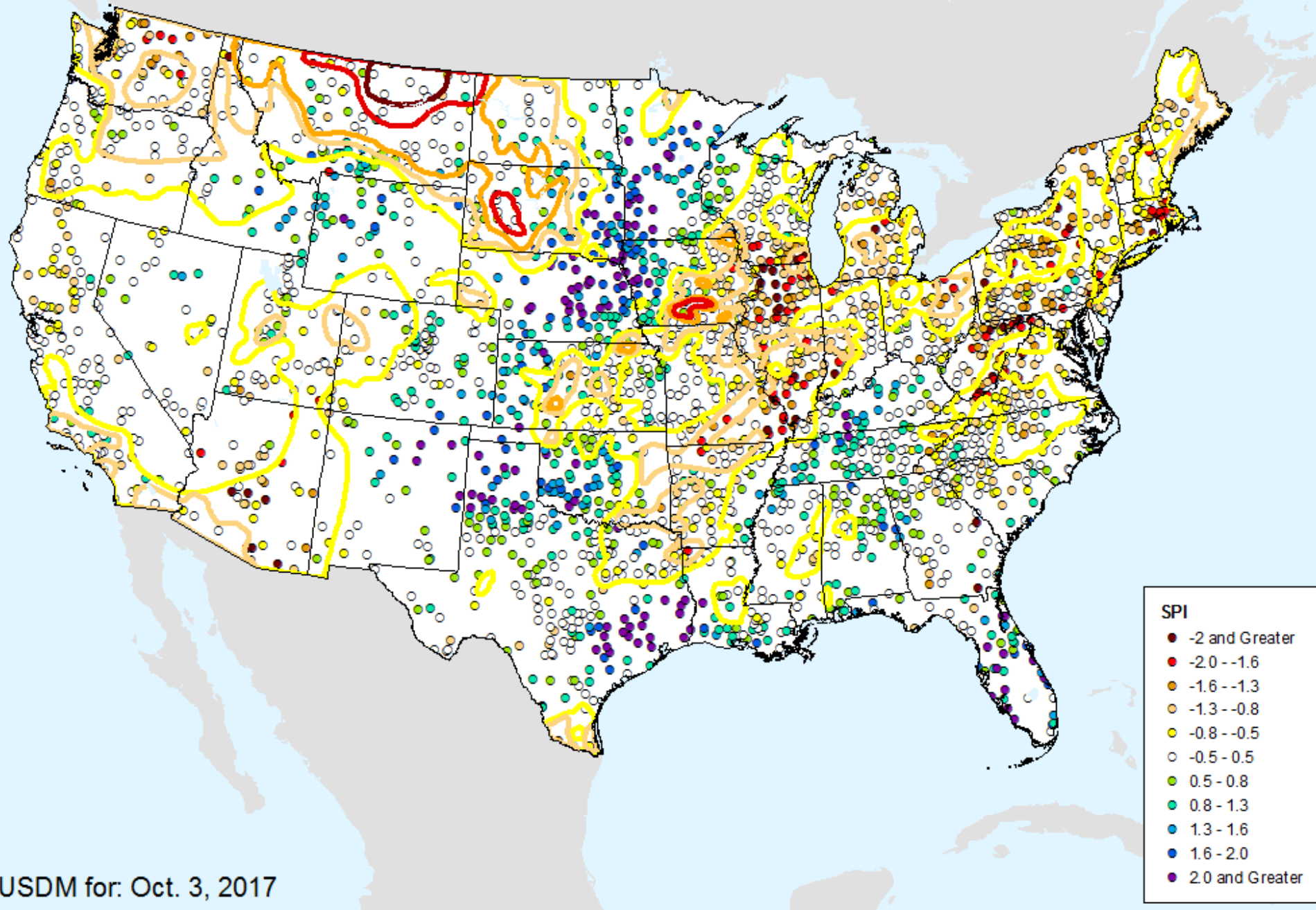
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

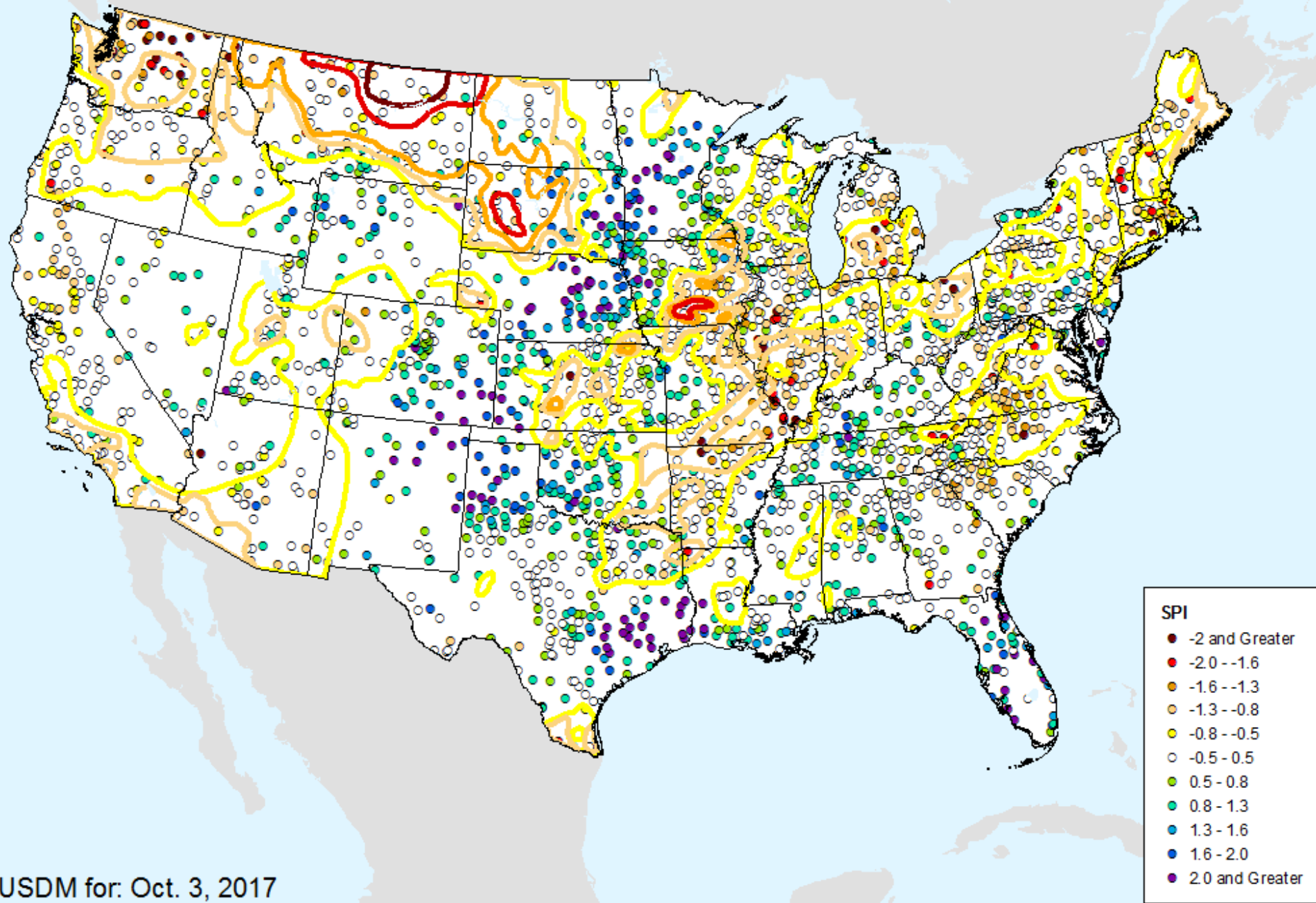
# HPRCC 2-month SPI

As of: Tuesday, October 10, 2017



# HPRCC 3-month SPI

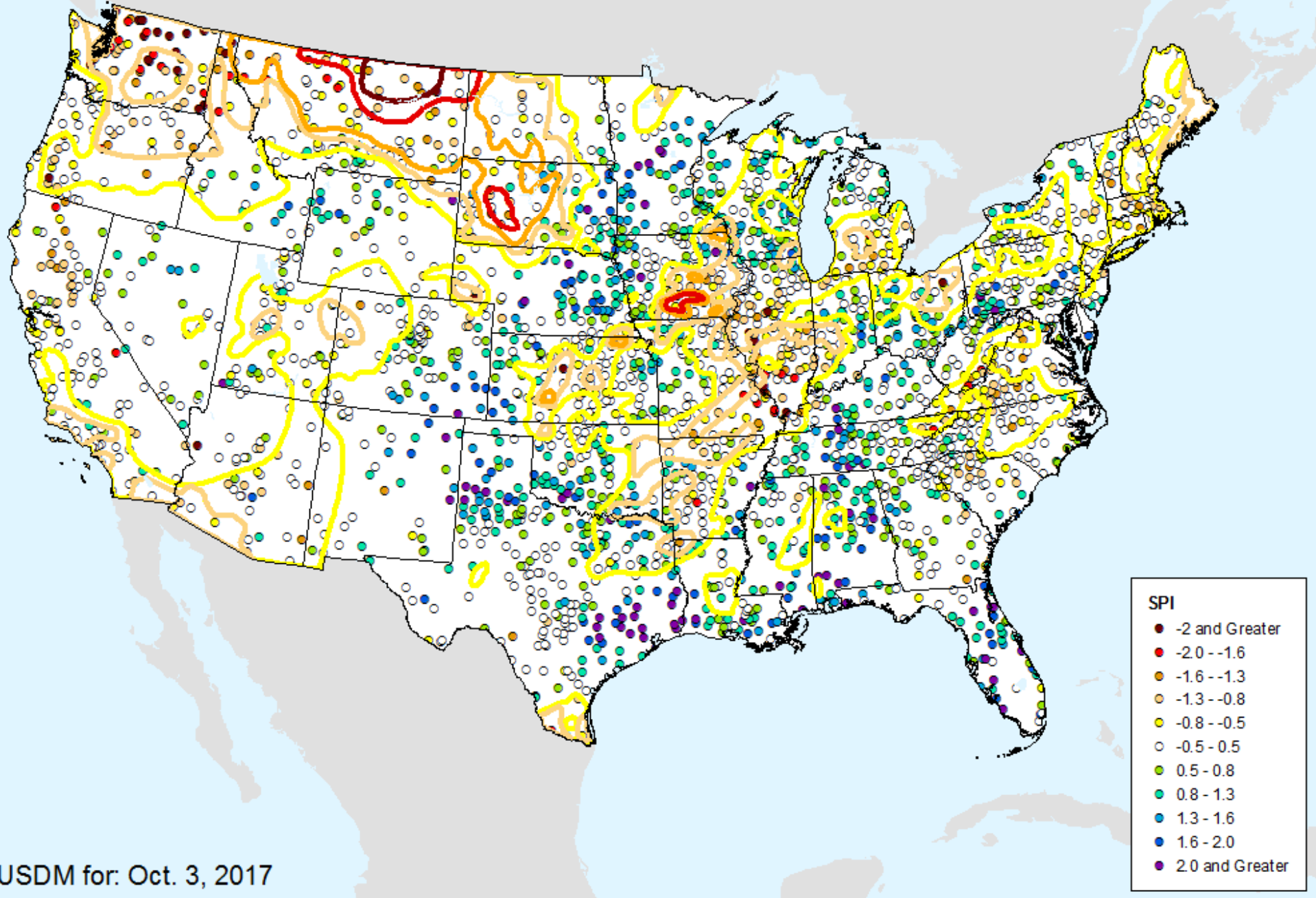
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

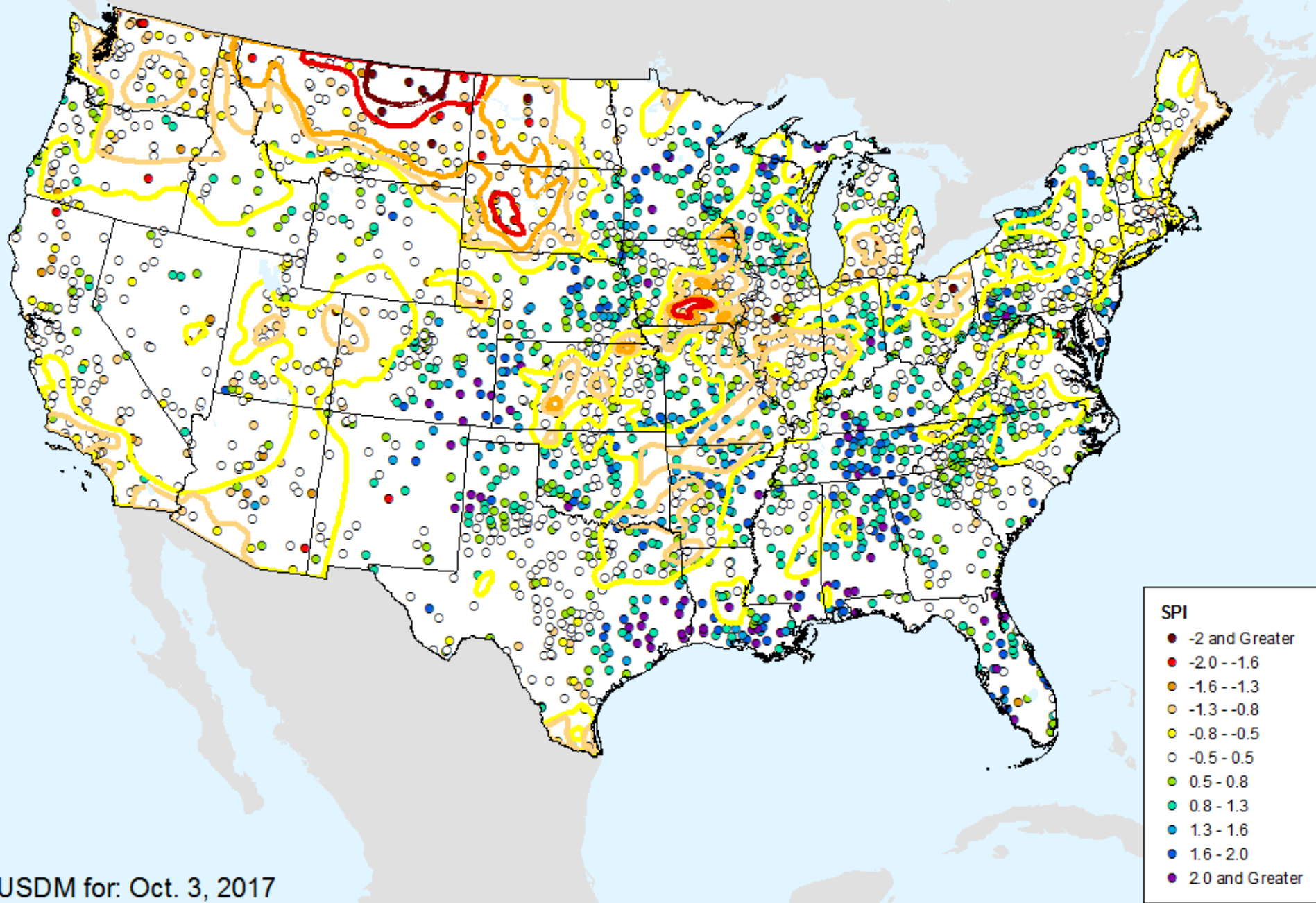
# HPRCC 4-month SPI

As of: Tuesday, October 10, 2017



# HPRCC 6-month SPI

As of: Tuesday, October 10, 2017

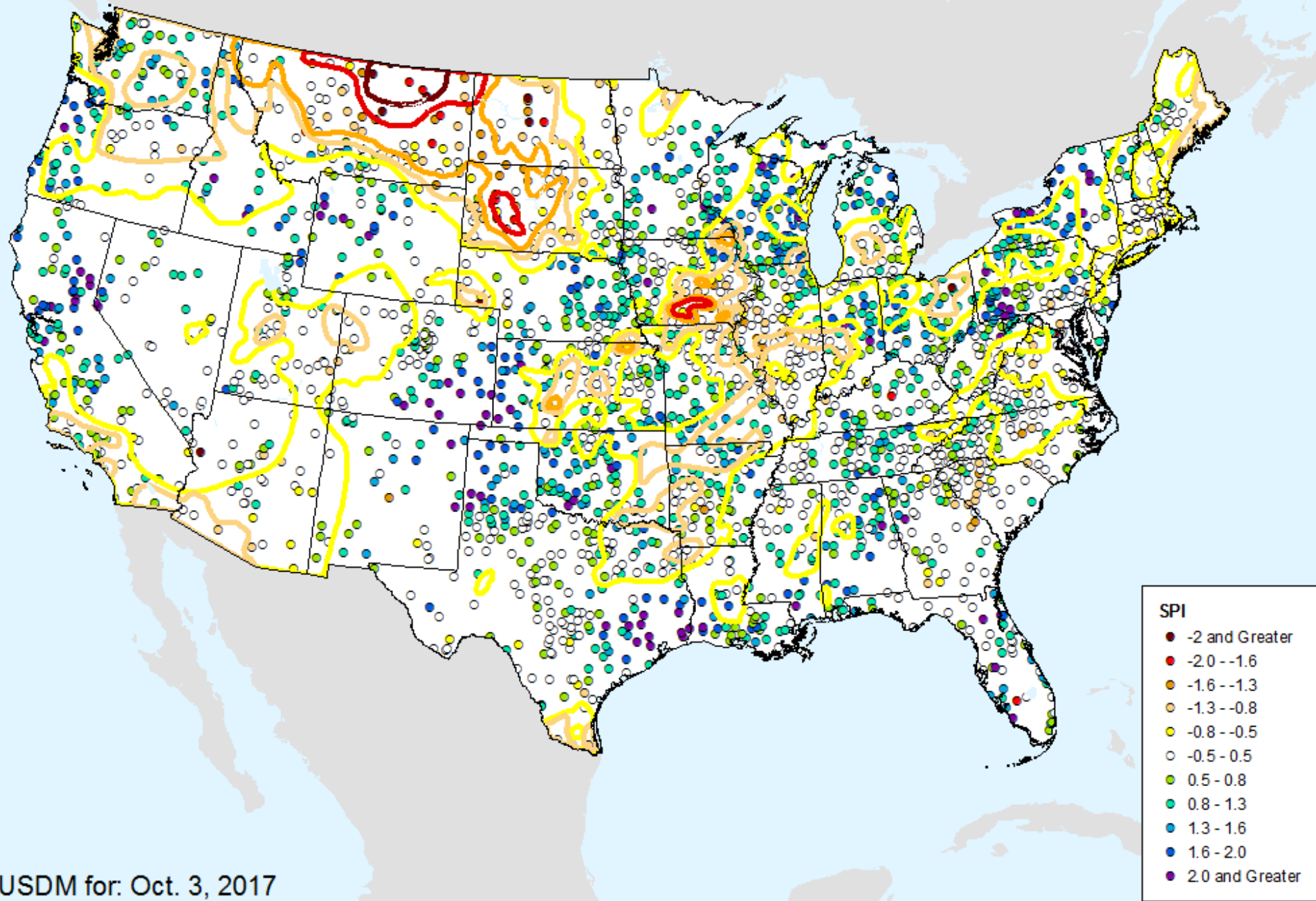


USDM for: Oct. 3, 2017



# HPRCC 9-month SPI

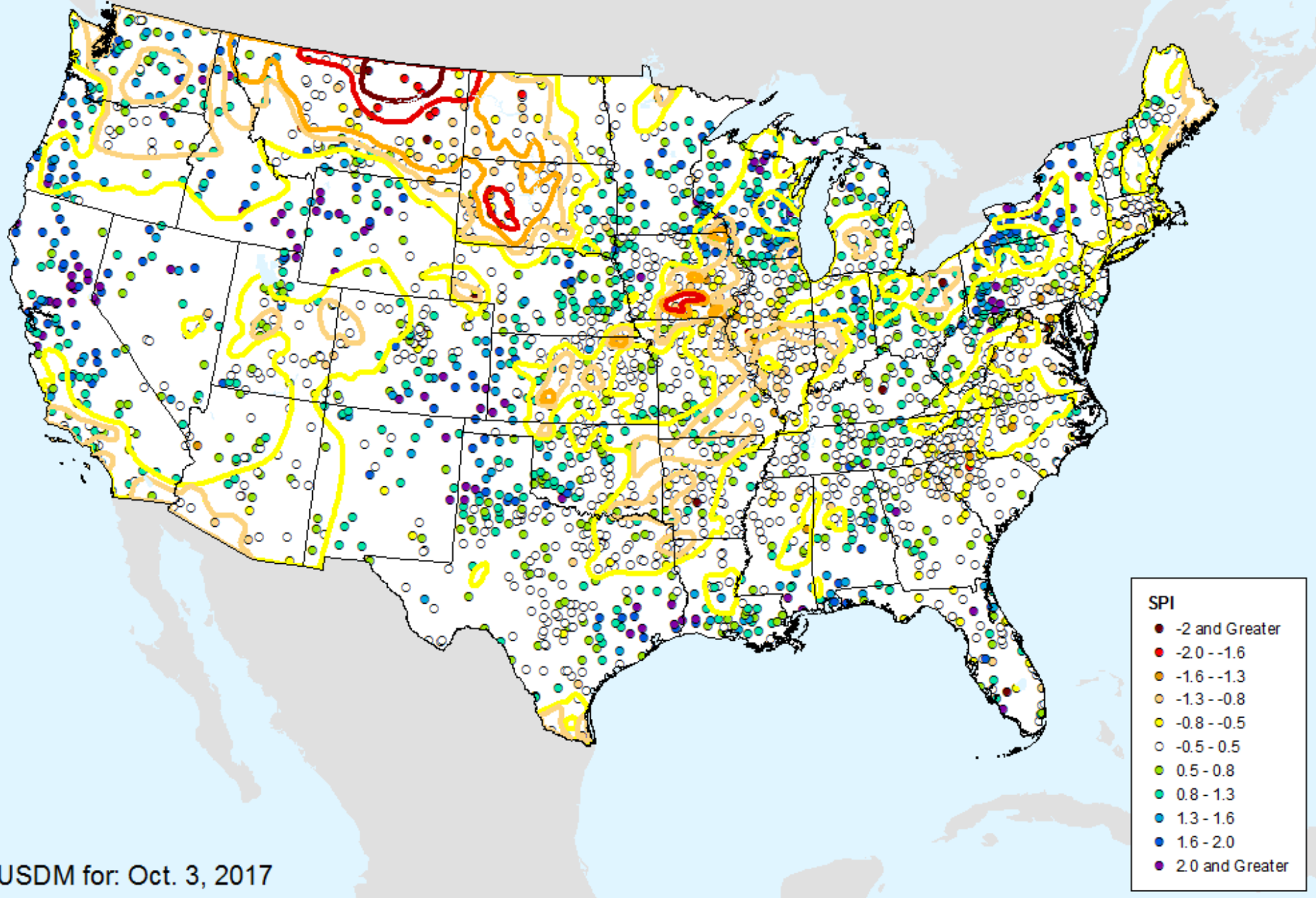
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# HPRCC 12-month SPI

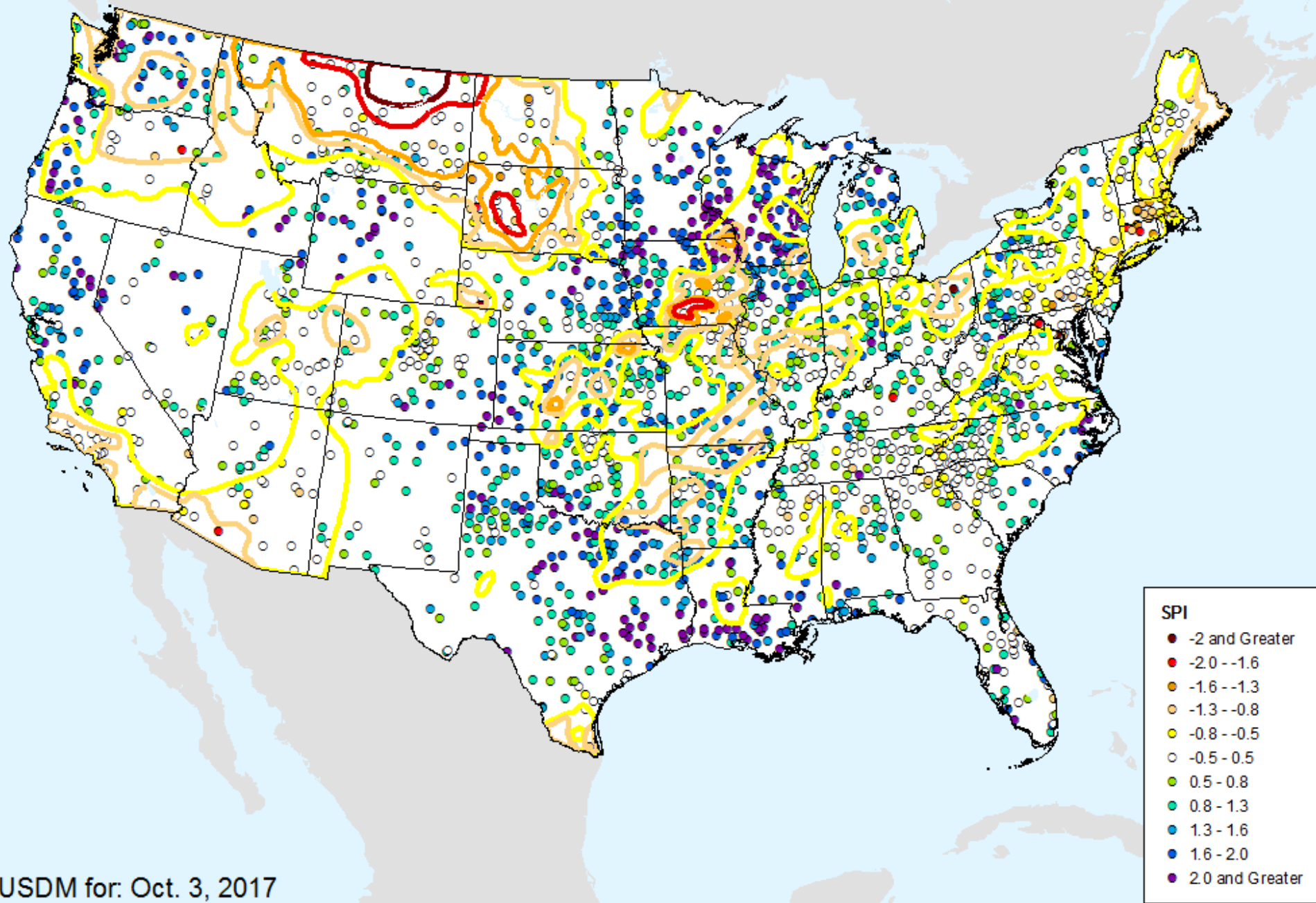
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# HPRCC 24-month SPI

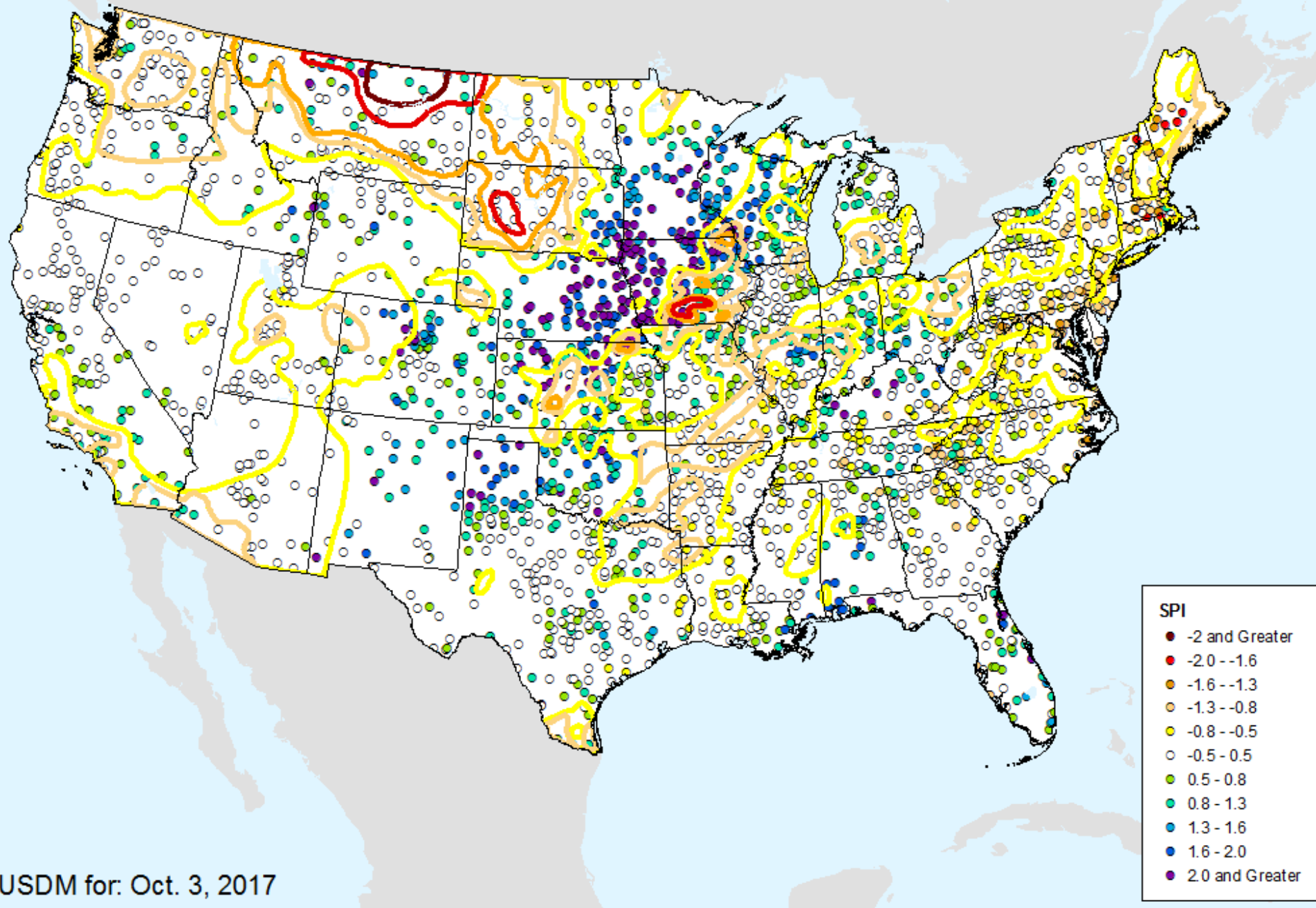
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

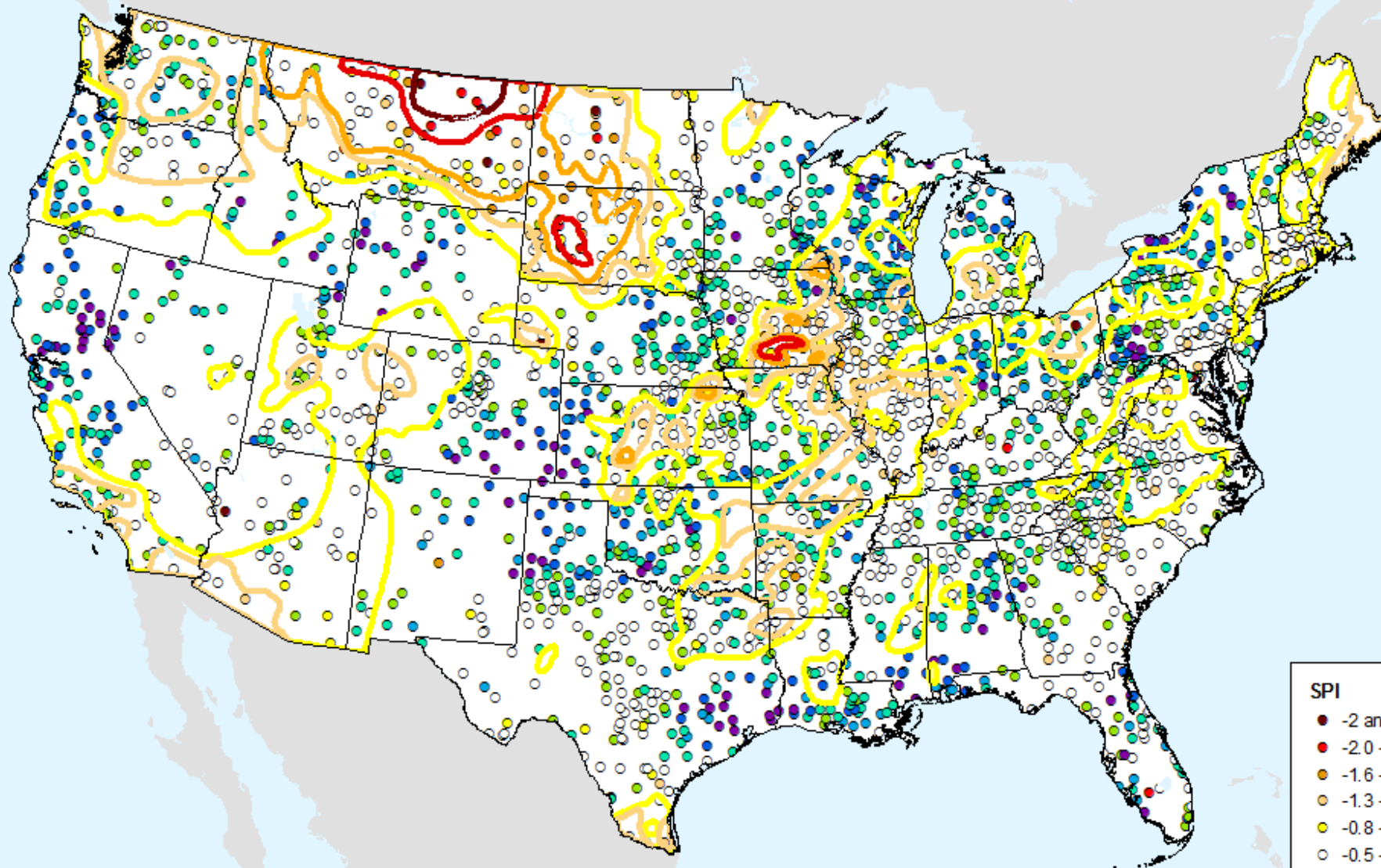
# HPRCC Water Year-to-date SPI

As of: Tuesday, October 10, 2017



# HPRCC Year-to-date SPI

As of: Tuesday, October 10, 2017



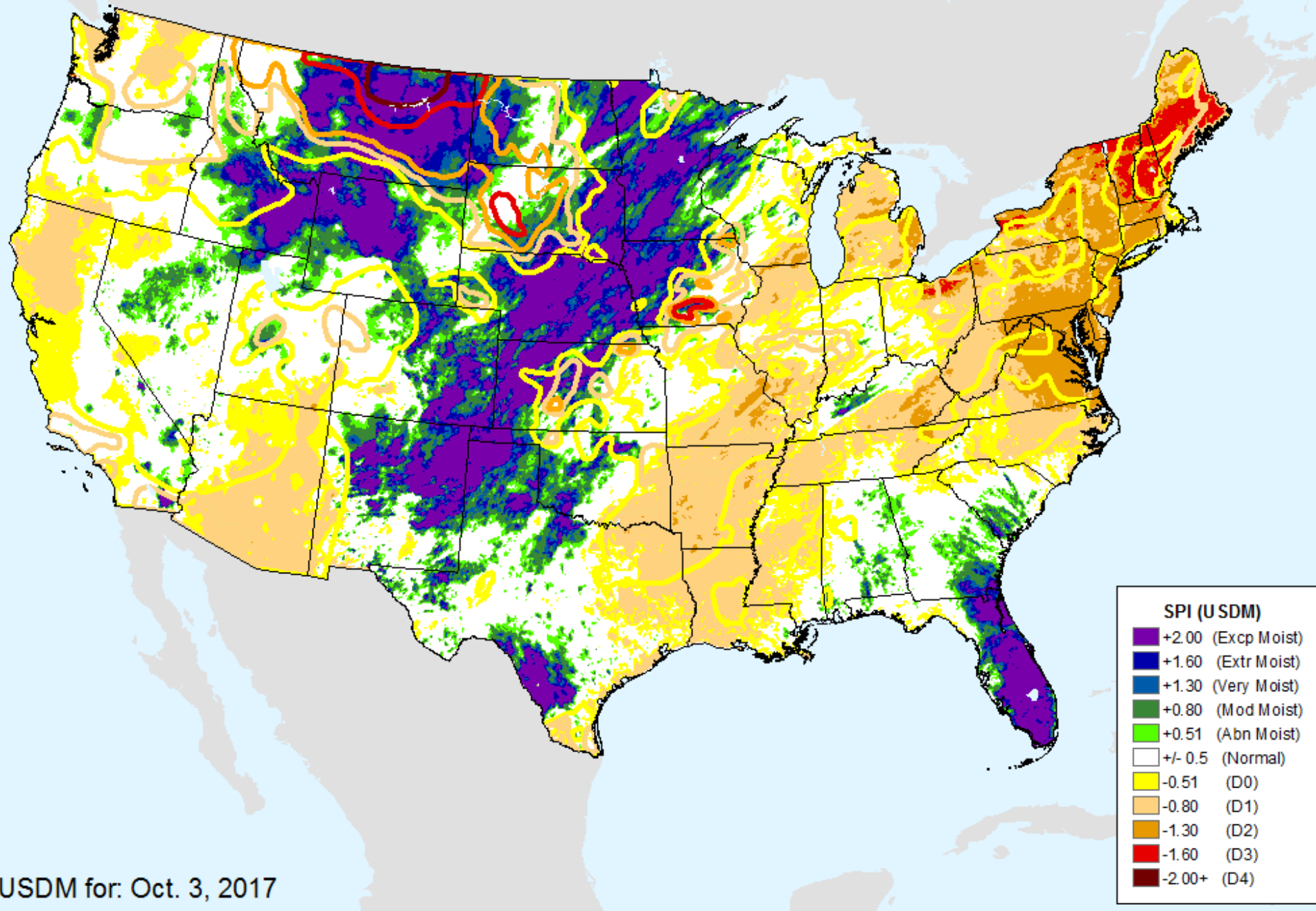
## SPI

- -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: Oct. 3, 2017

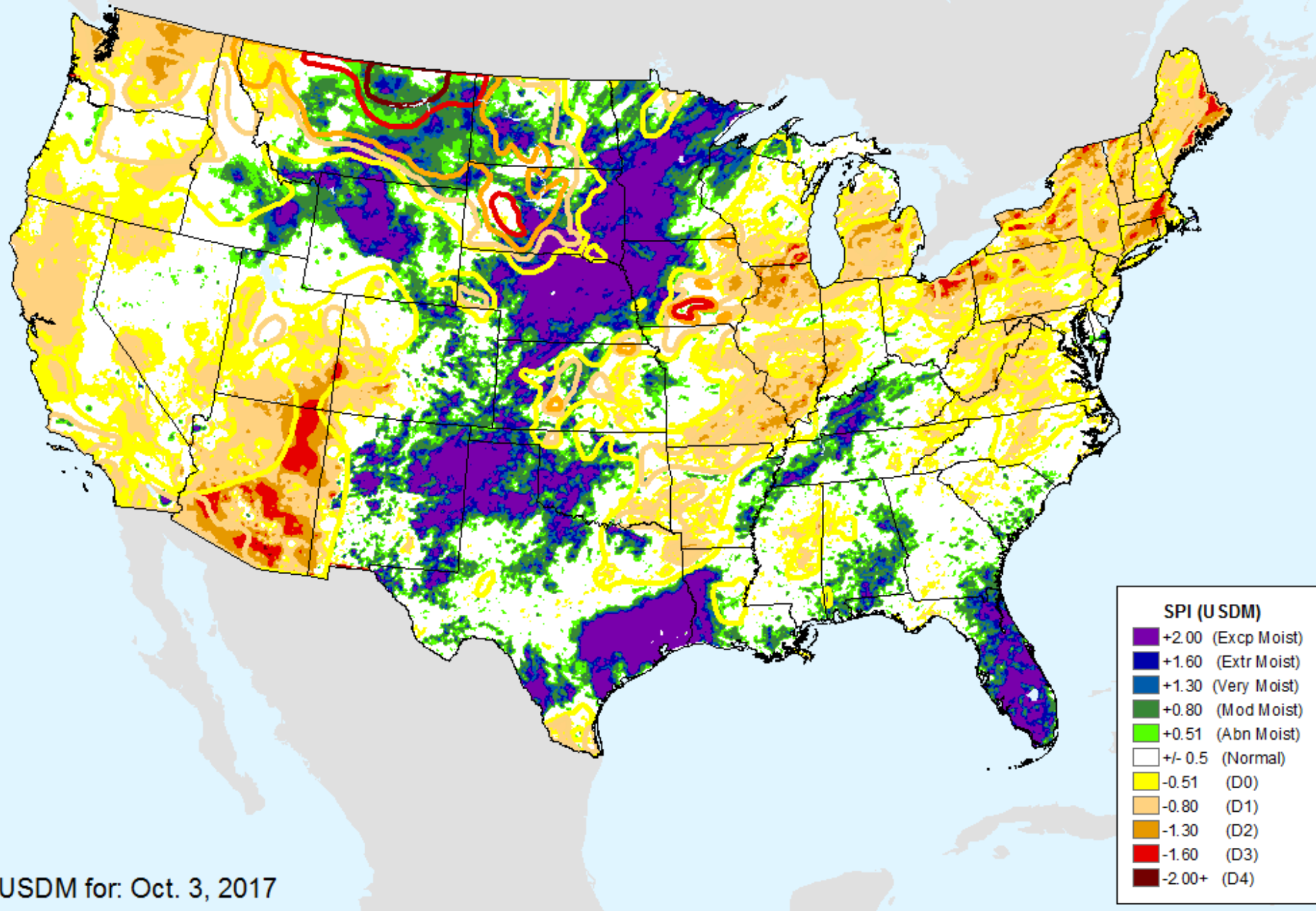
# AHPS 1-month SPI

As of: Tuesday, October 10, 2017



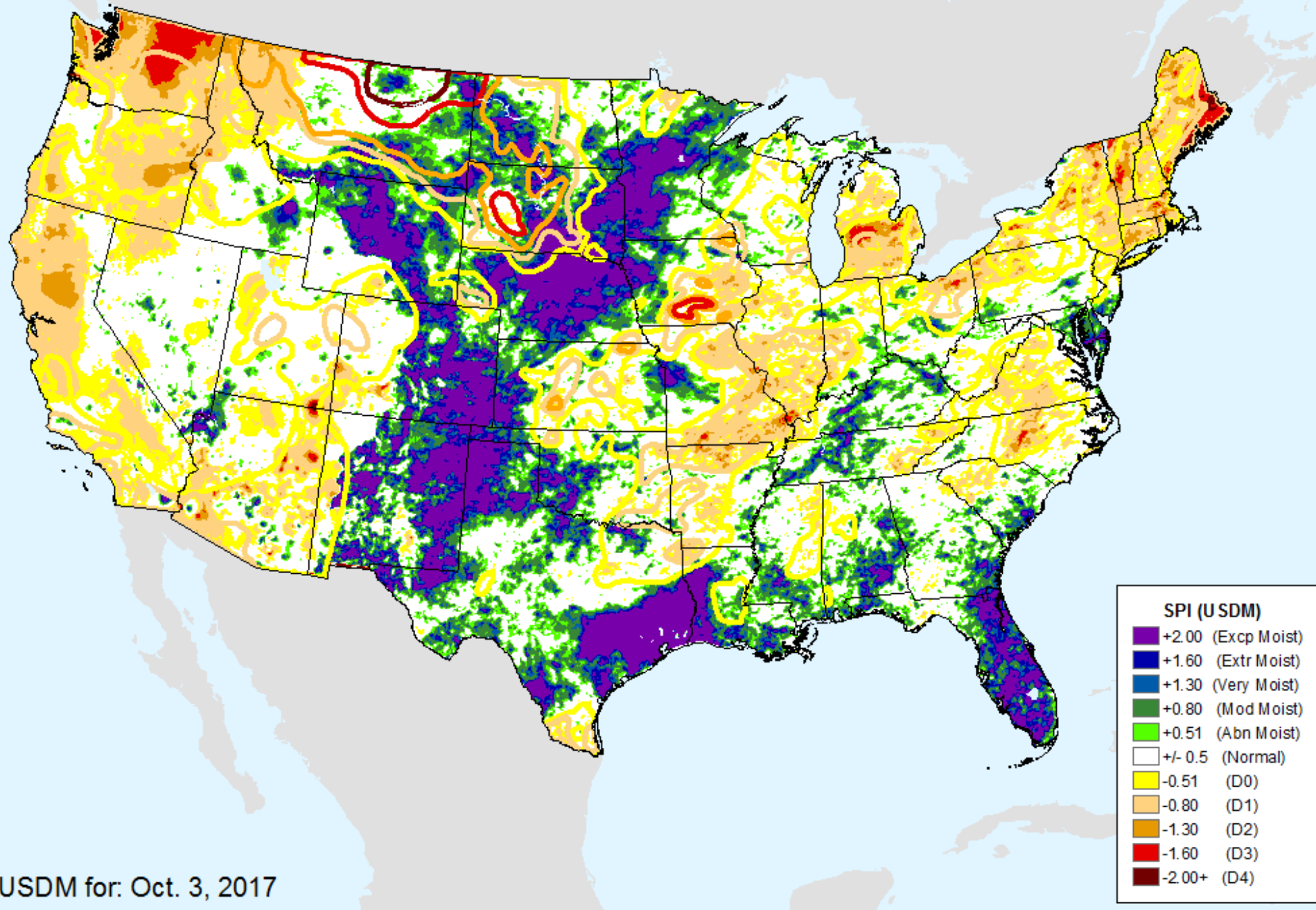
# AHPS 2-month SPI

As of: Tuesday, October 10, 2017



# AHPS 3-month SPI

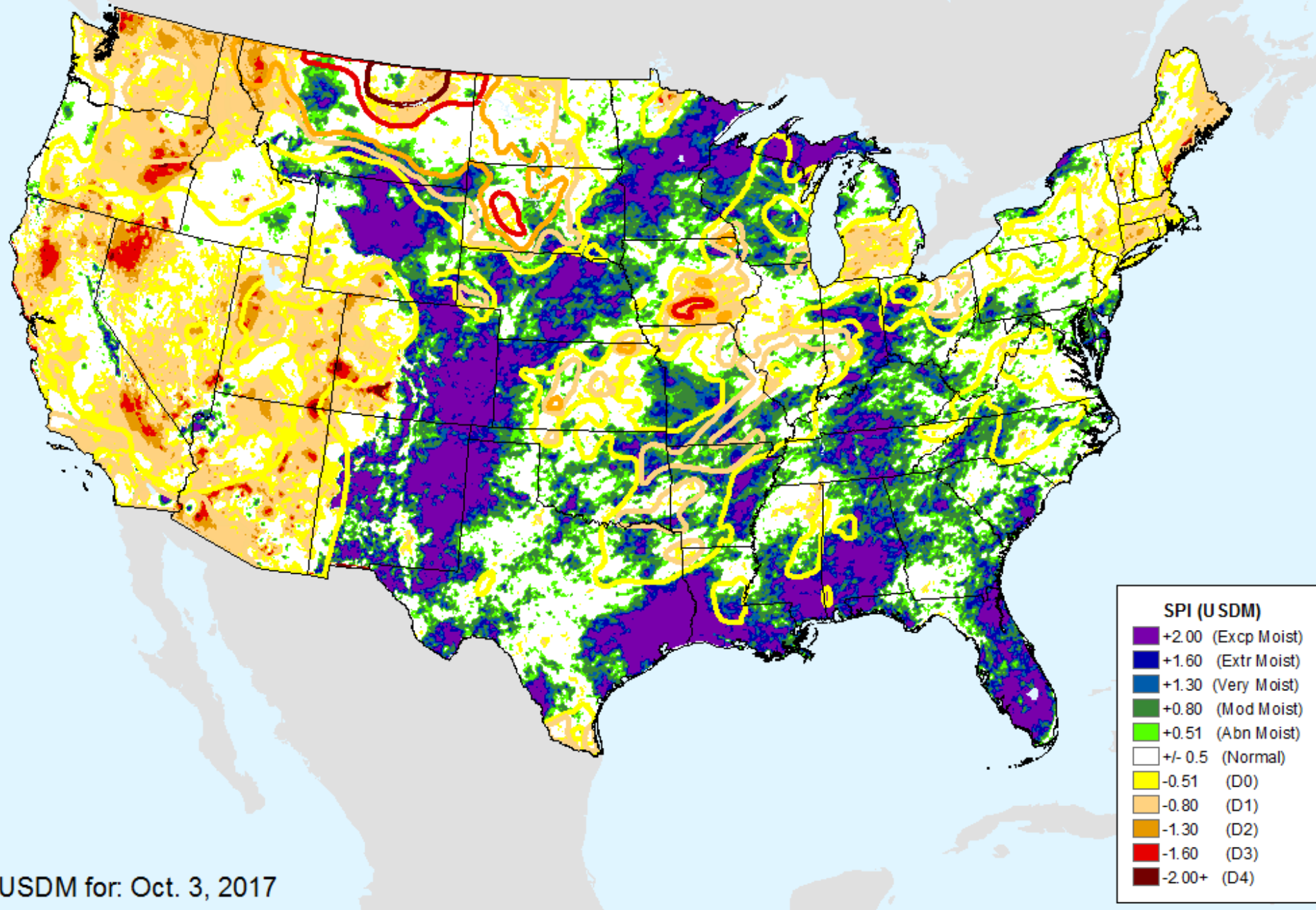
As of: Tuesday, October 10, 2017





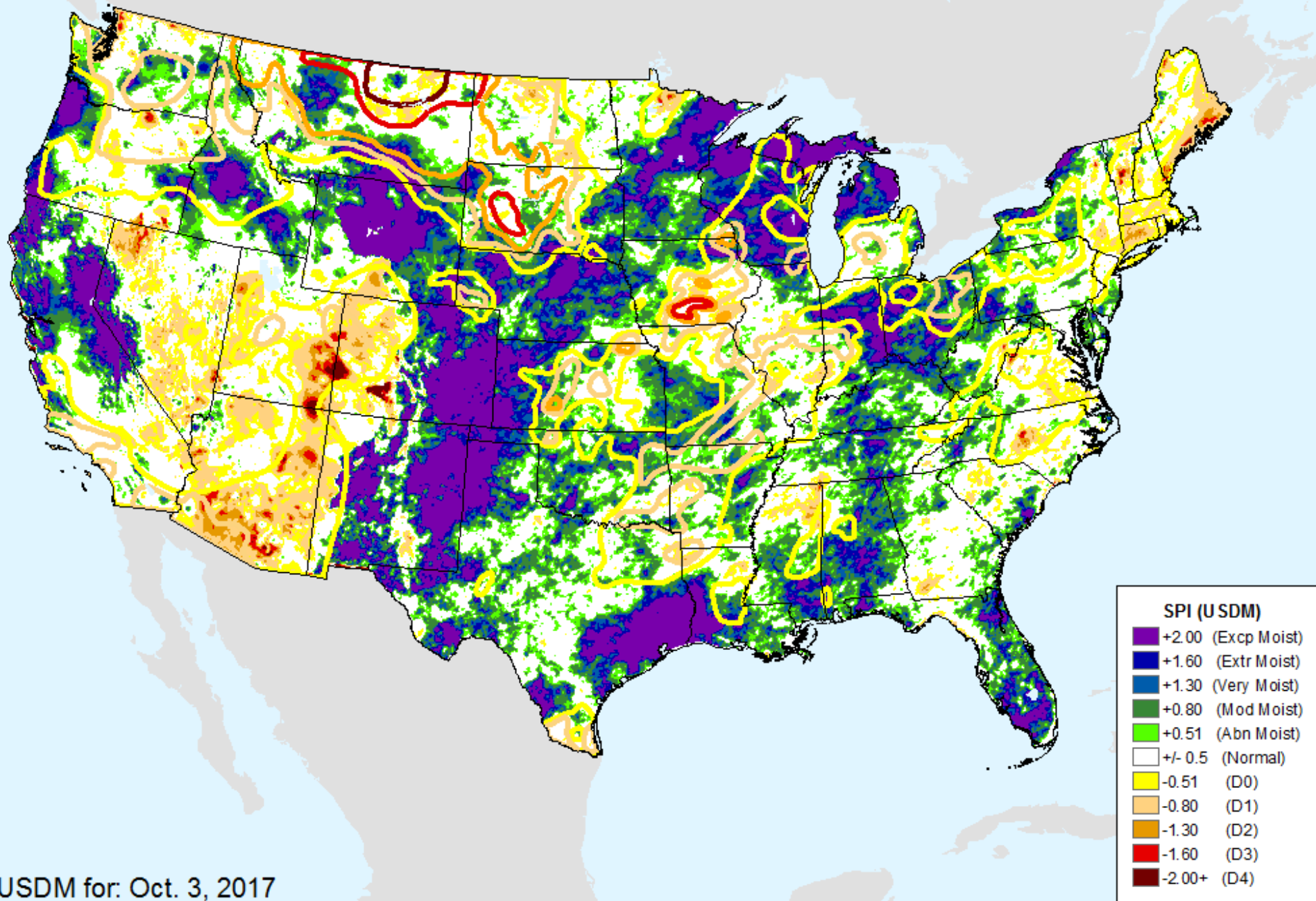
# AHPS 6-month SPI

As of: Tuesday, October 10, 2017



# AHPS 9-month SPI

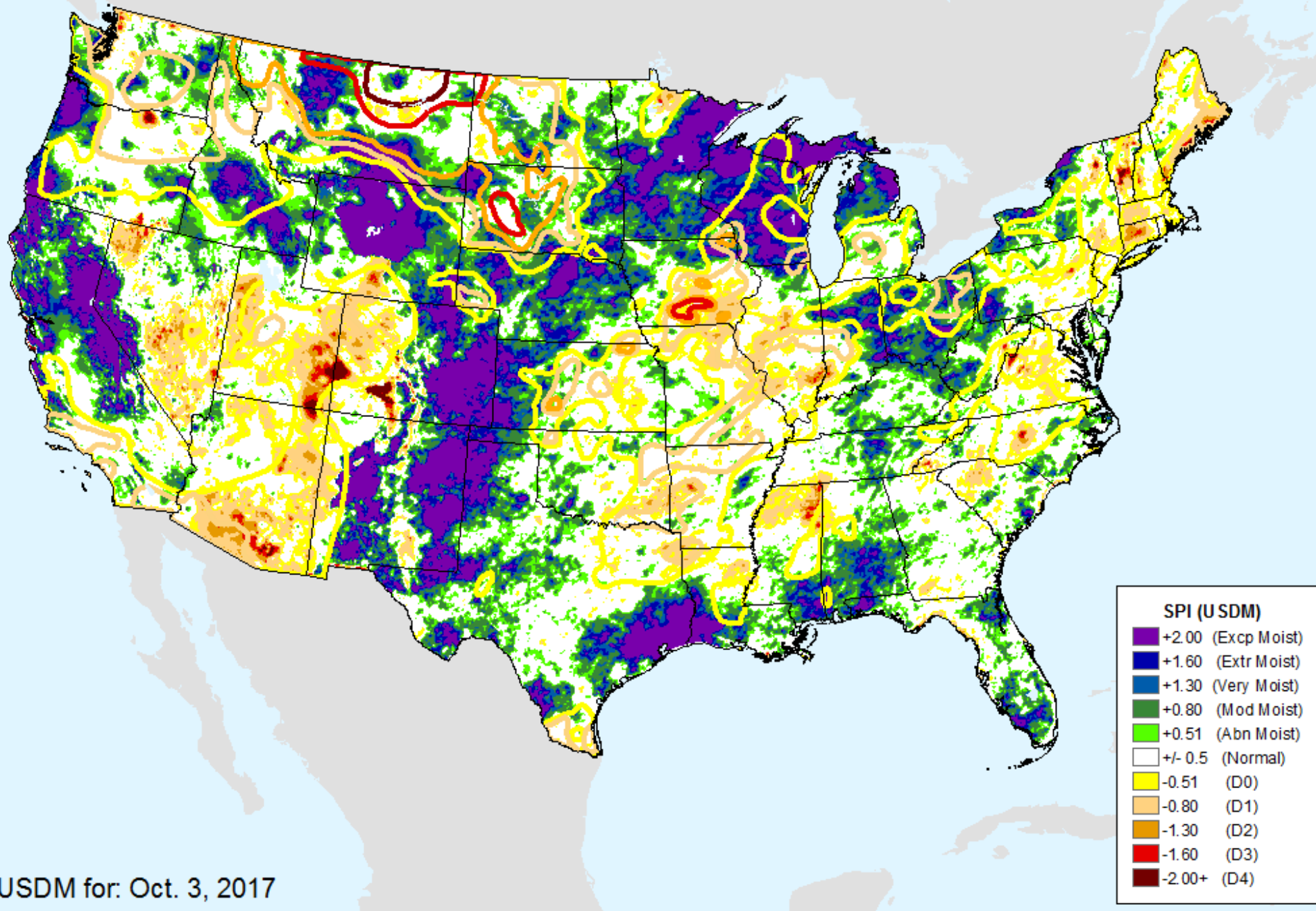
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

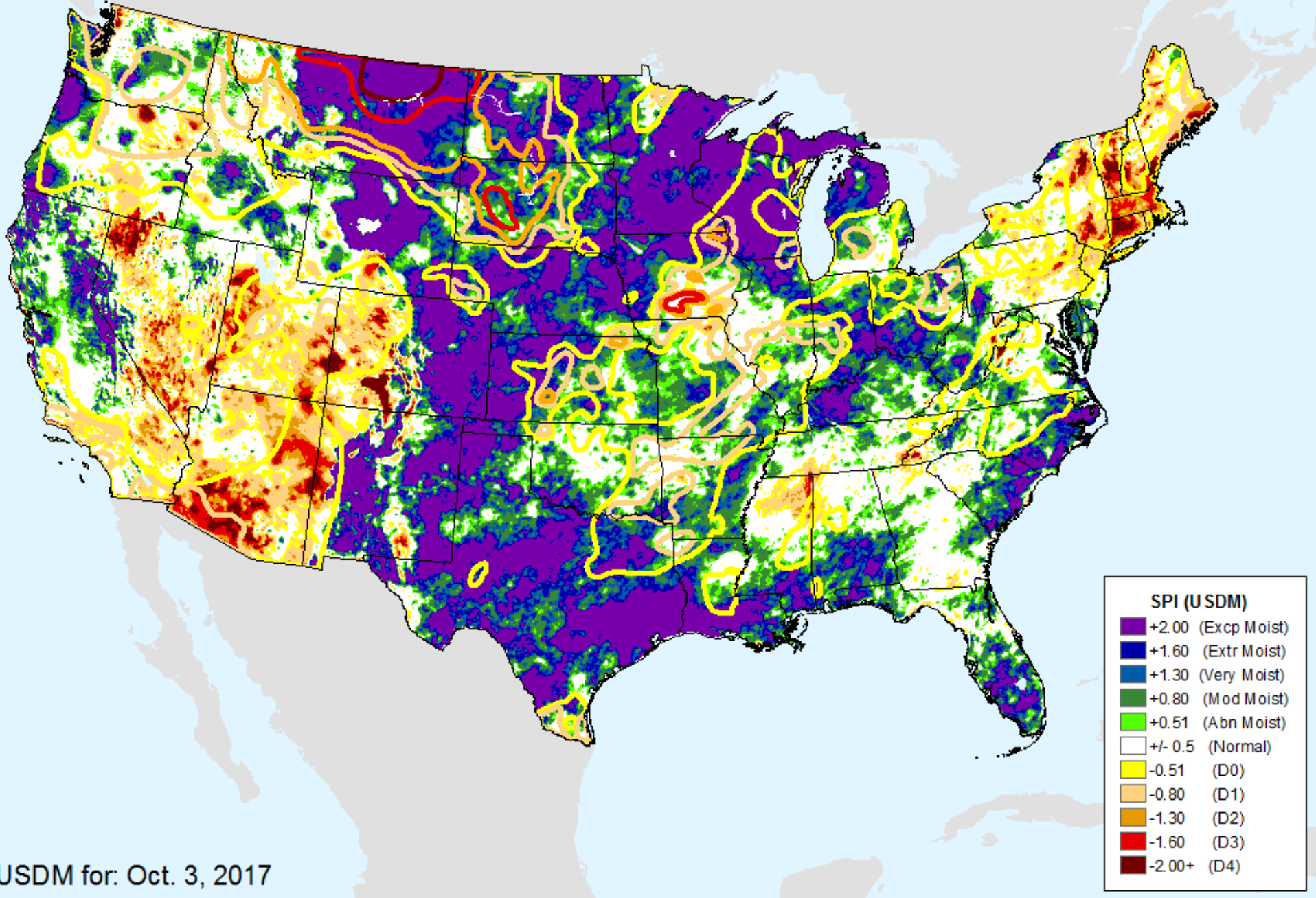
# AHPS 12-month SPI

As of: Tuesday, October 10, 2017



# AHPS 24-month SPI

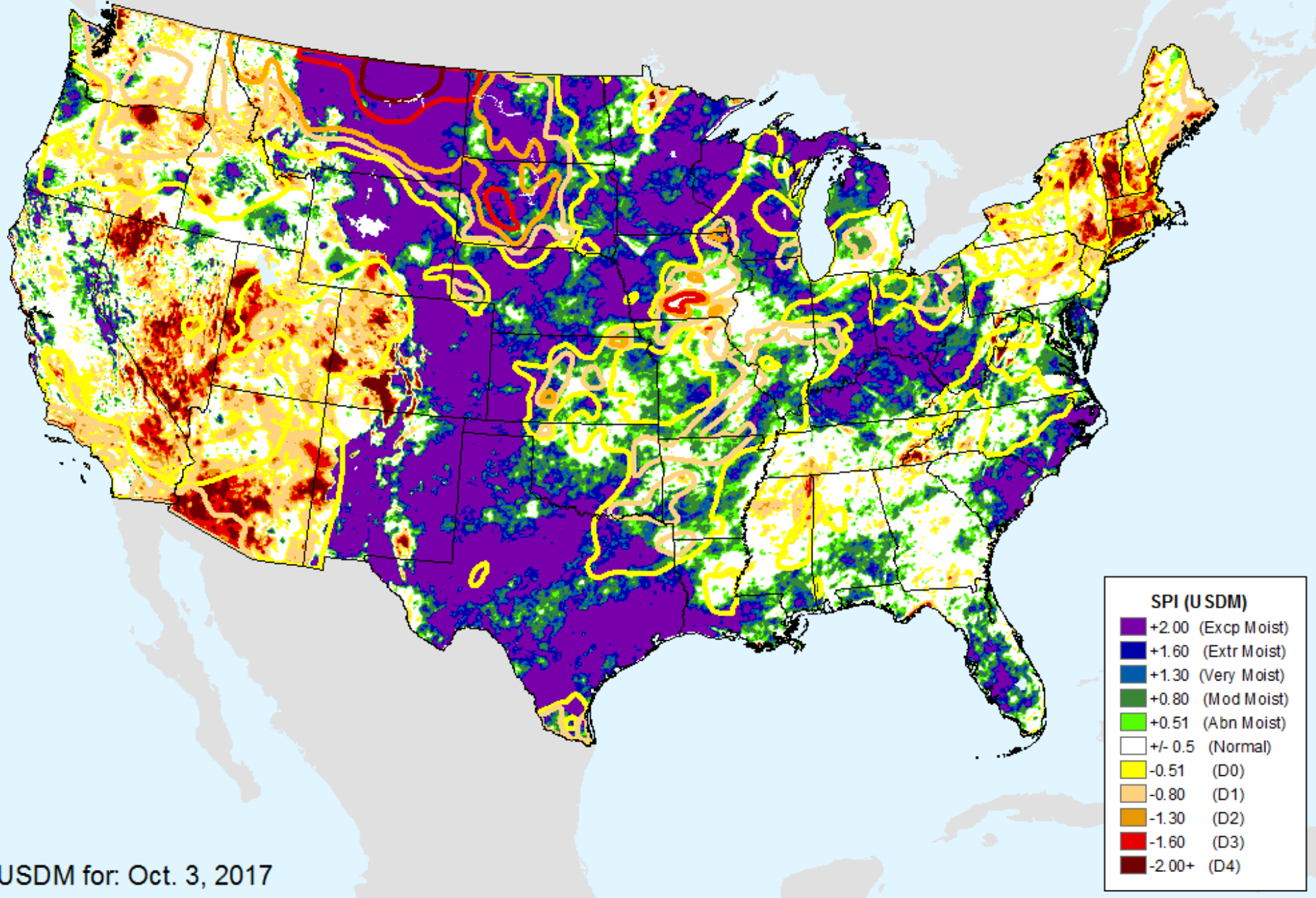
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# AHPS 36-month SPI

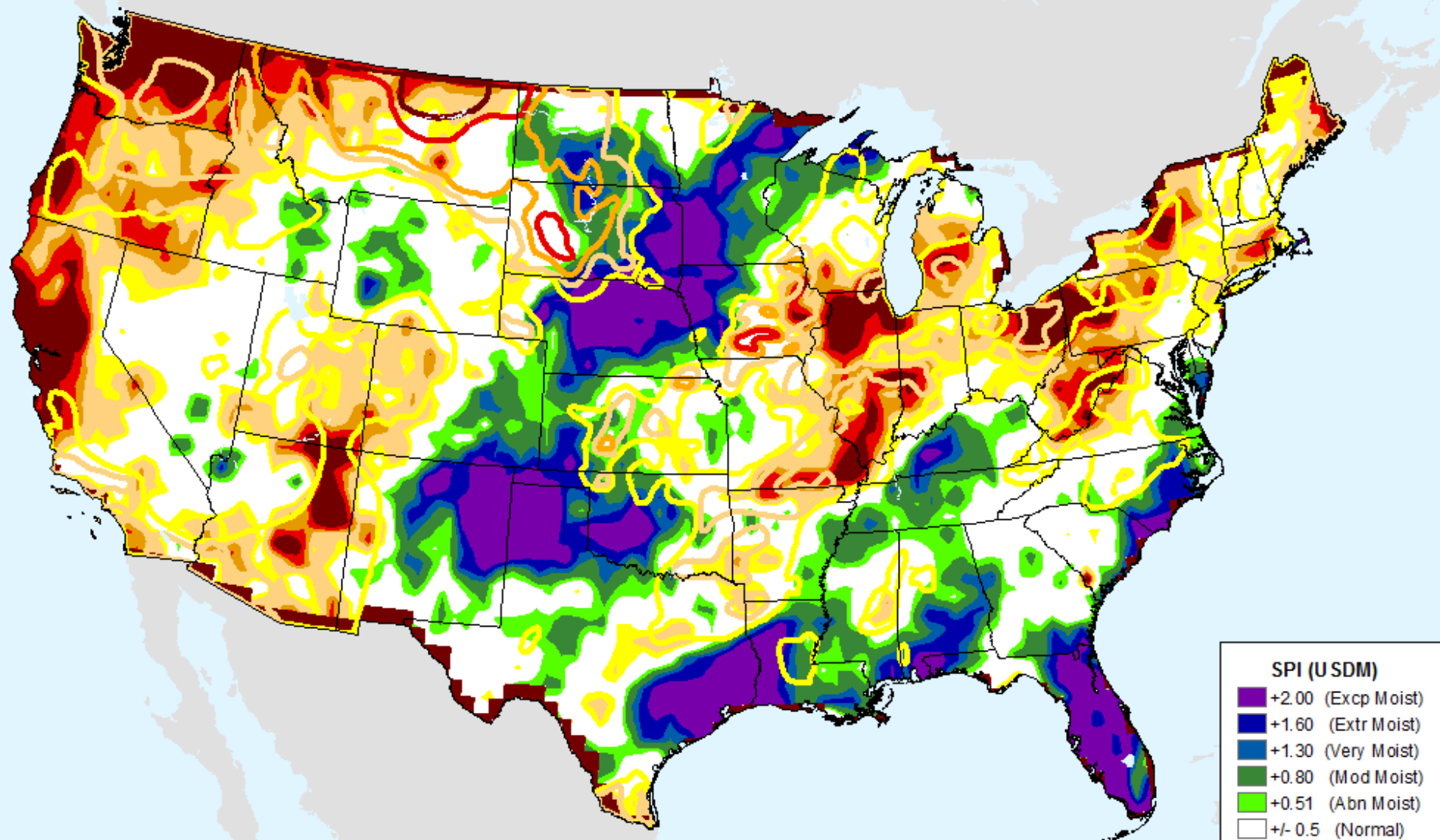
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# CPC 3-month SPI

As of: Tuesday, October 10, 2017

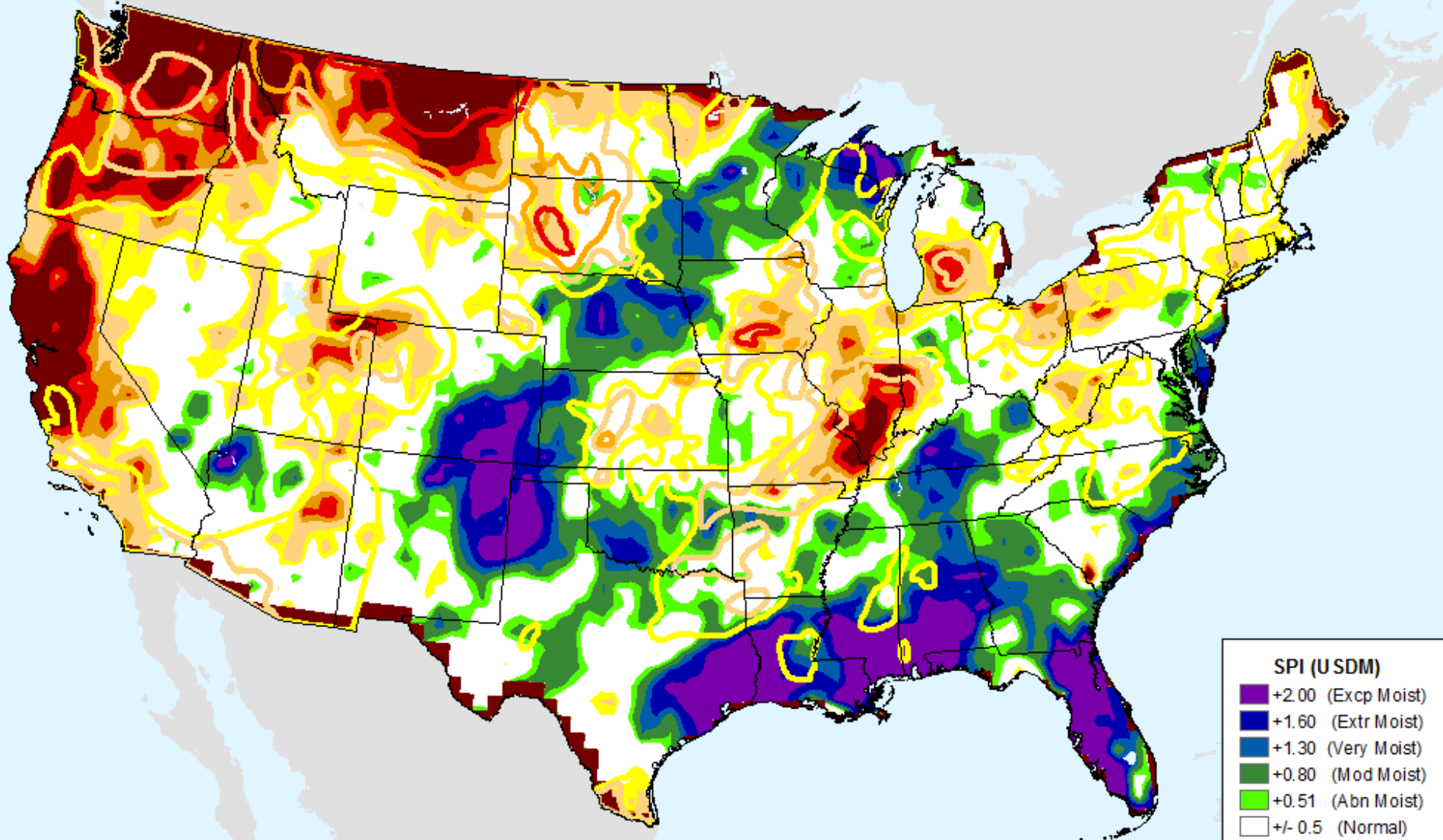


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Blue	+1.60 (Extr Moist)
Dark Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Oct. 3, 2017

# CPC 6-month SPI

As of: Tuesday, October 10, 2017

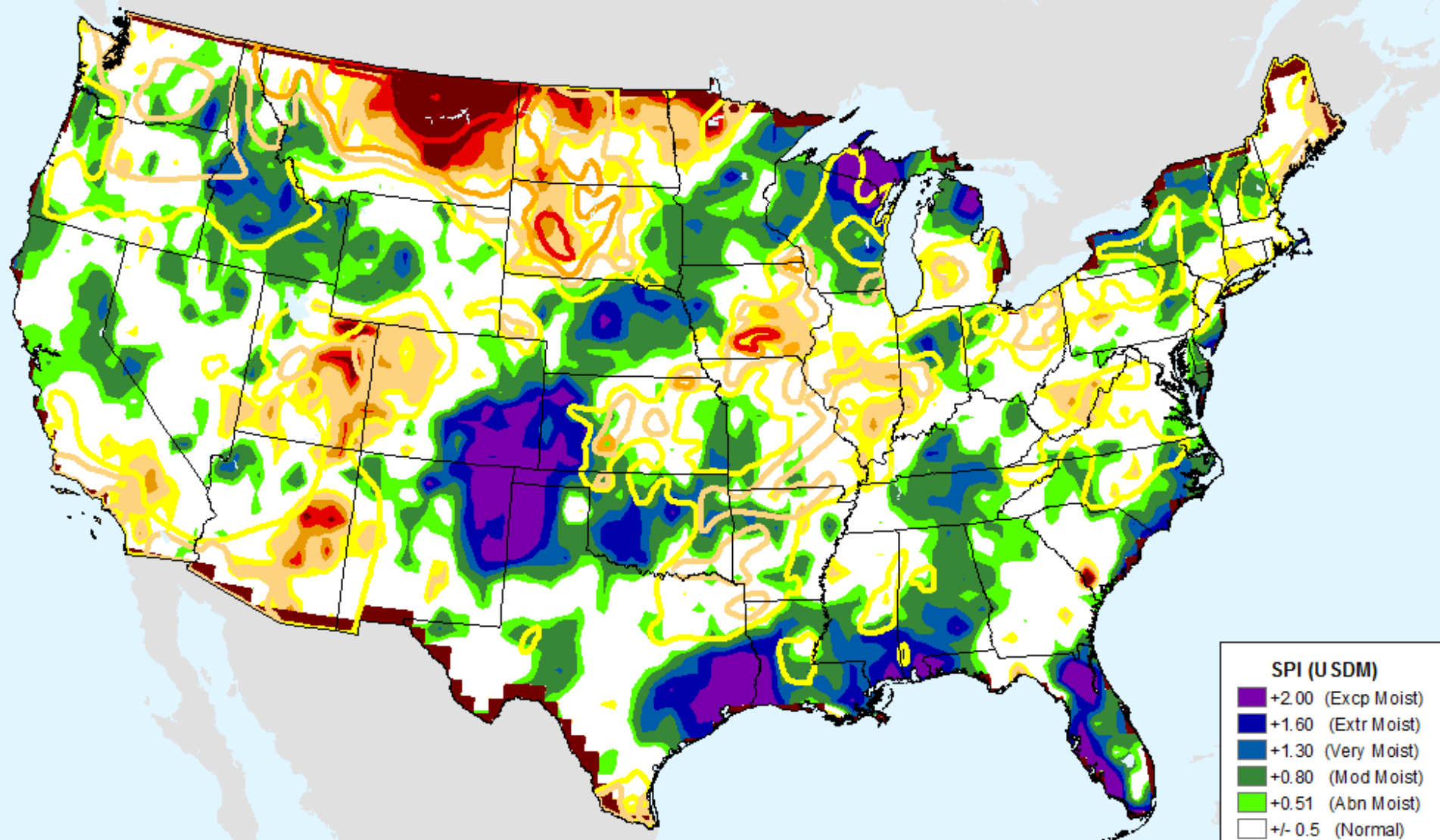


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Blue	+1.60 (Extr Moist)
Dark Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Oct. 3, 2017

# CPC 9-month SPI

As of: Tuesday, October 10, 2017



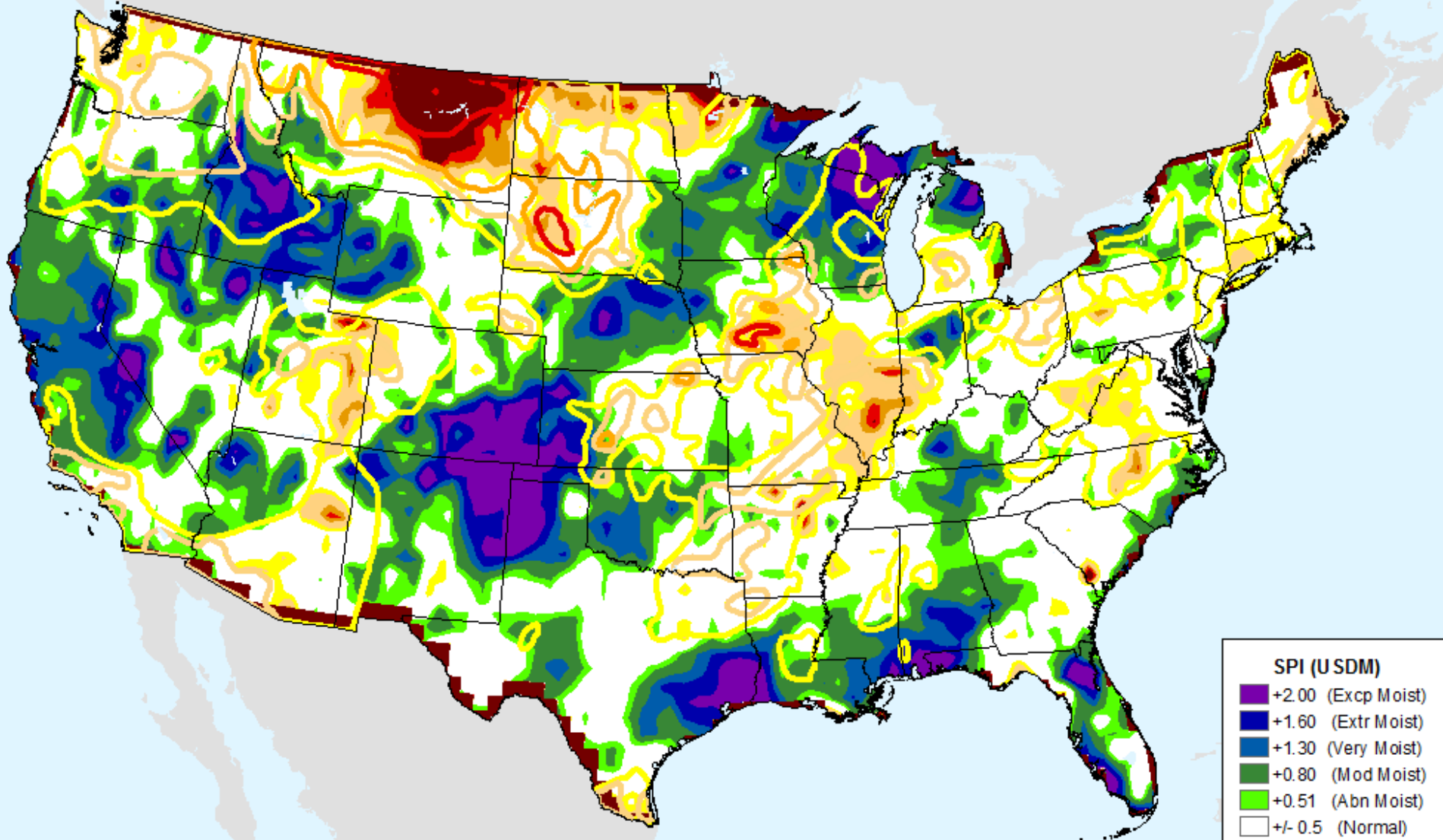
SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Blue	+1.60 (Extr Moist)
Dark Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Oct. 3, 2017



# CPC 12-month SPI

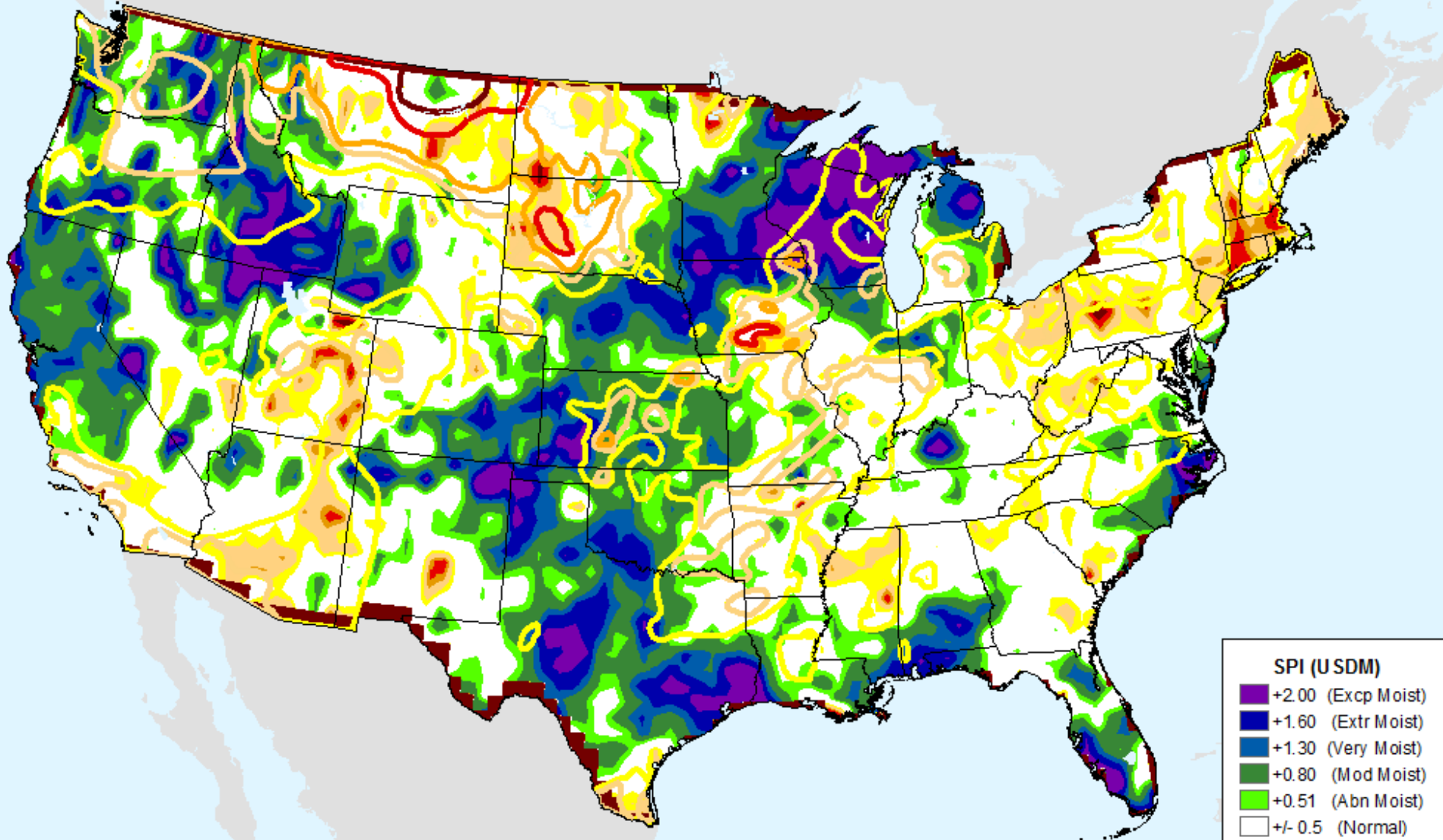
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# CPC 24-month SPI

As of: Tuesday, October 10, 2017

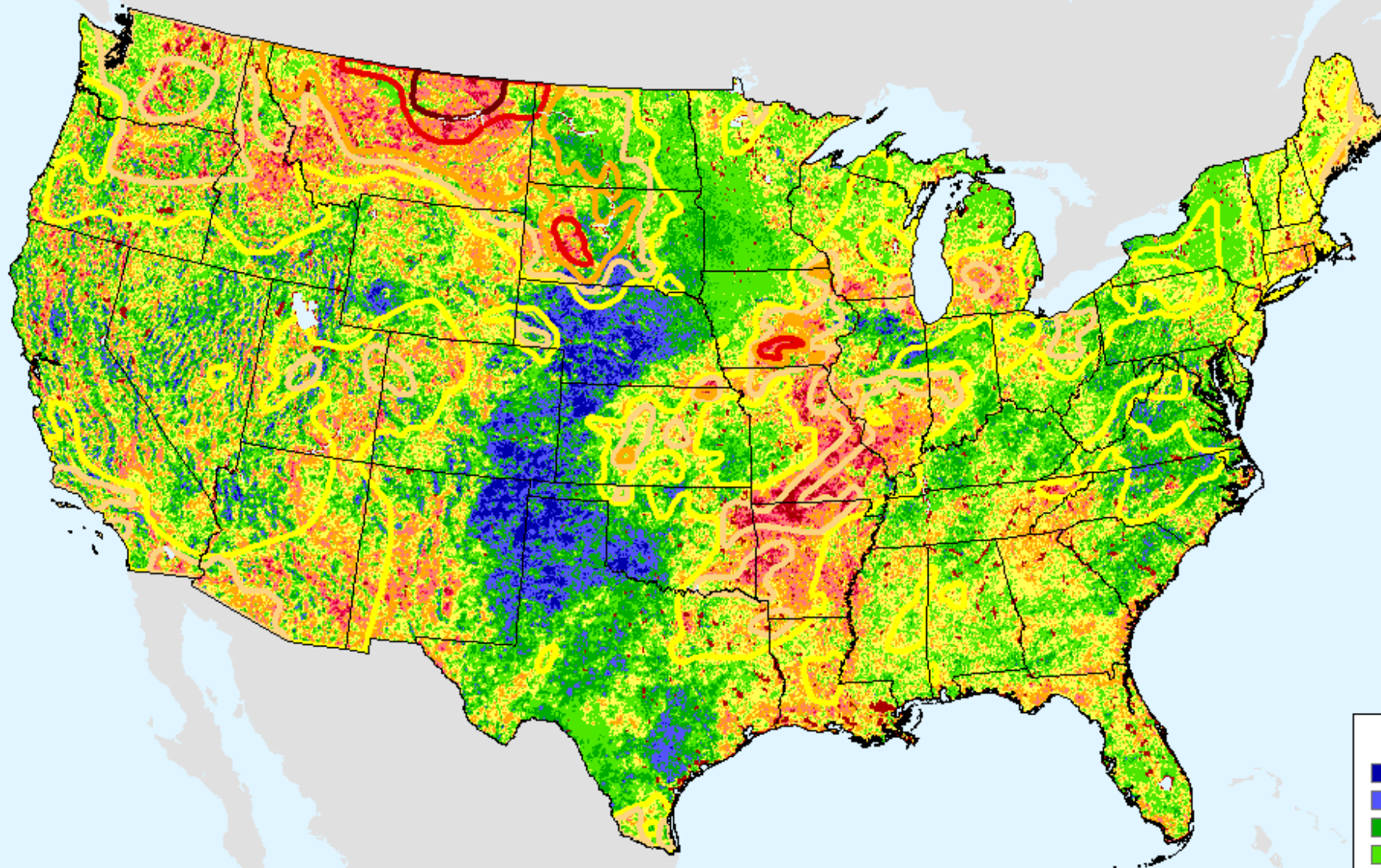


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

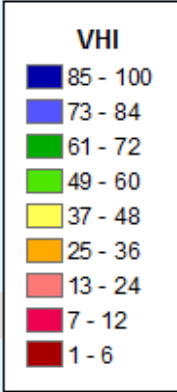
USDM for: Oct. 3, 2017

# Vegetation Health Index

As of: Tuesday, October 10, 2017

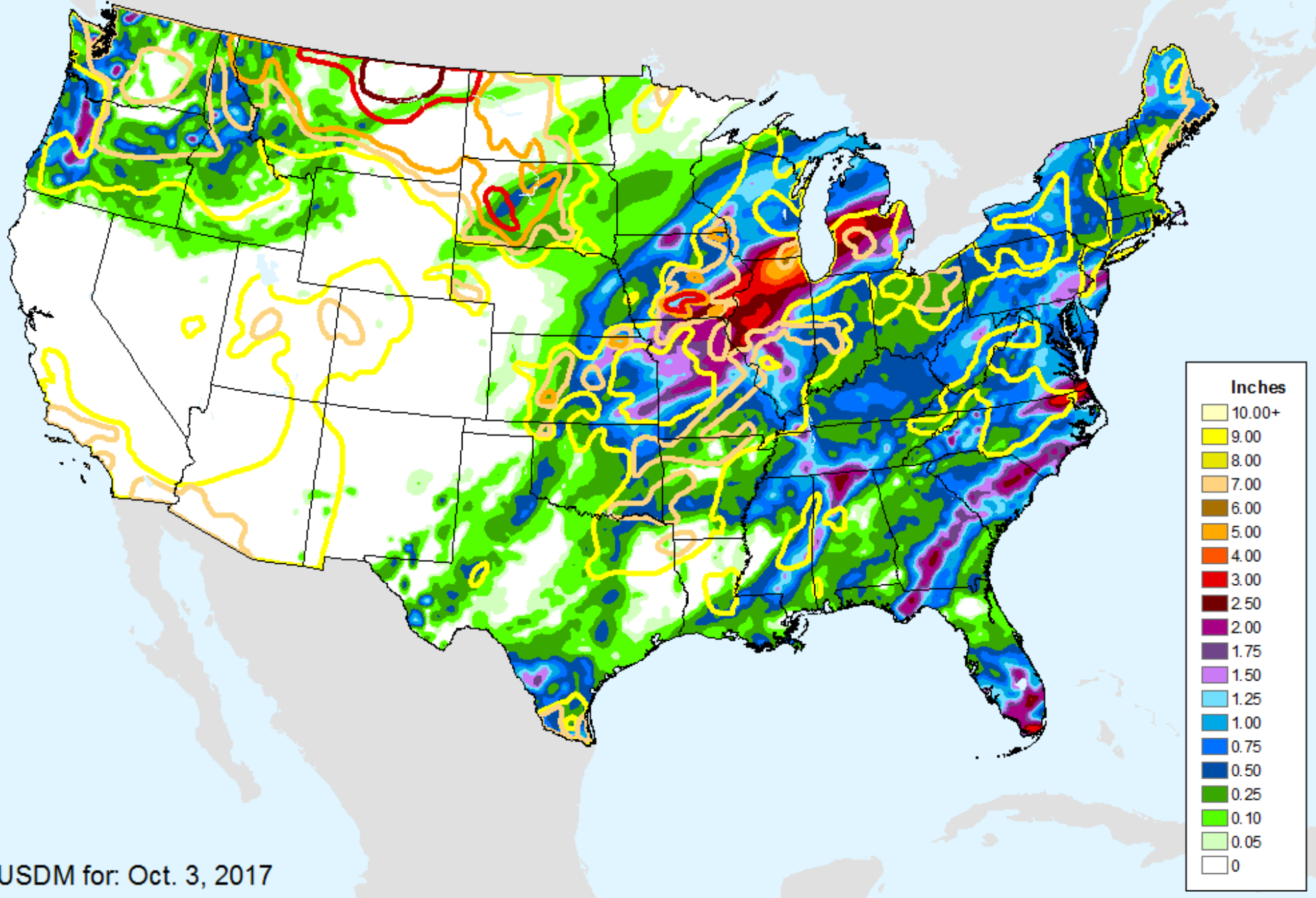


USDM for: Oct. 3, 2017



# GFS (00z) 7-Day Precip Forecast

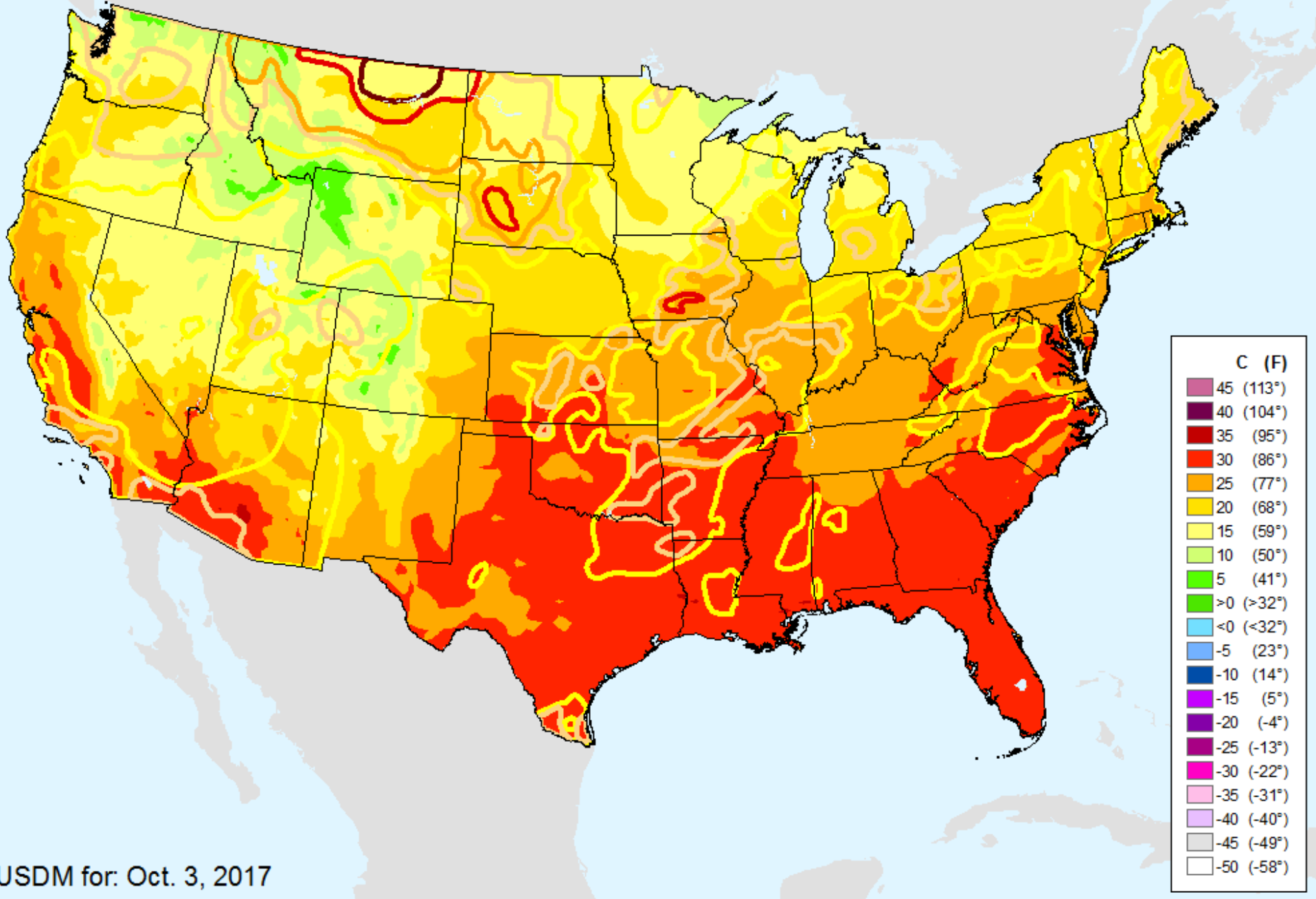
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

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

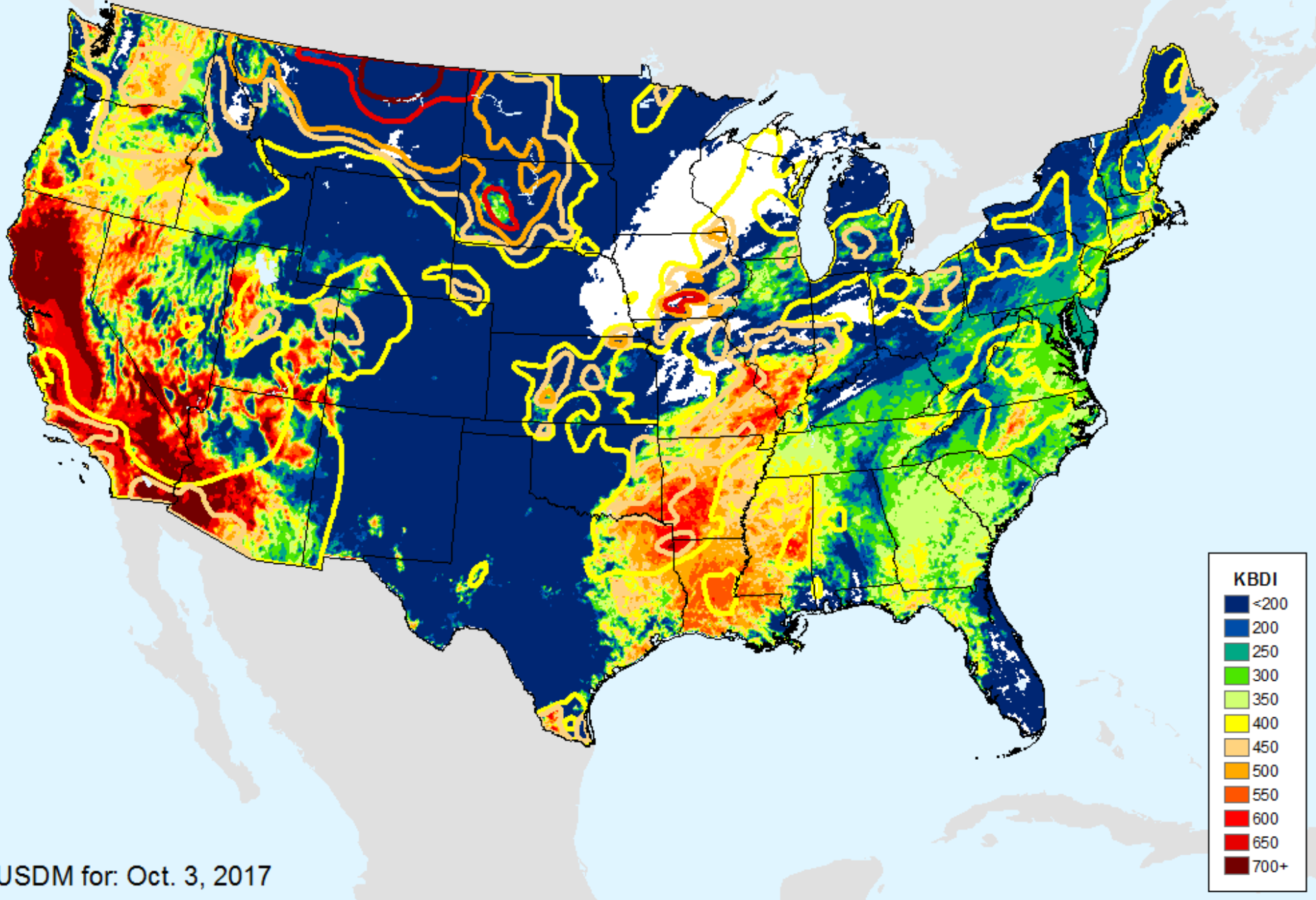
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

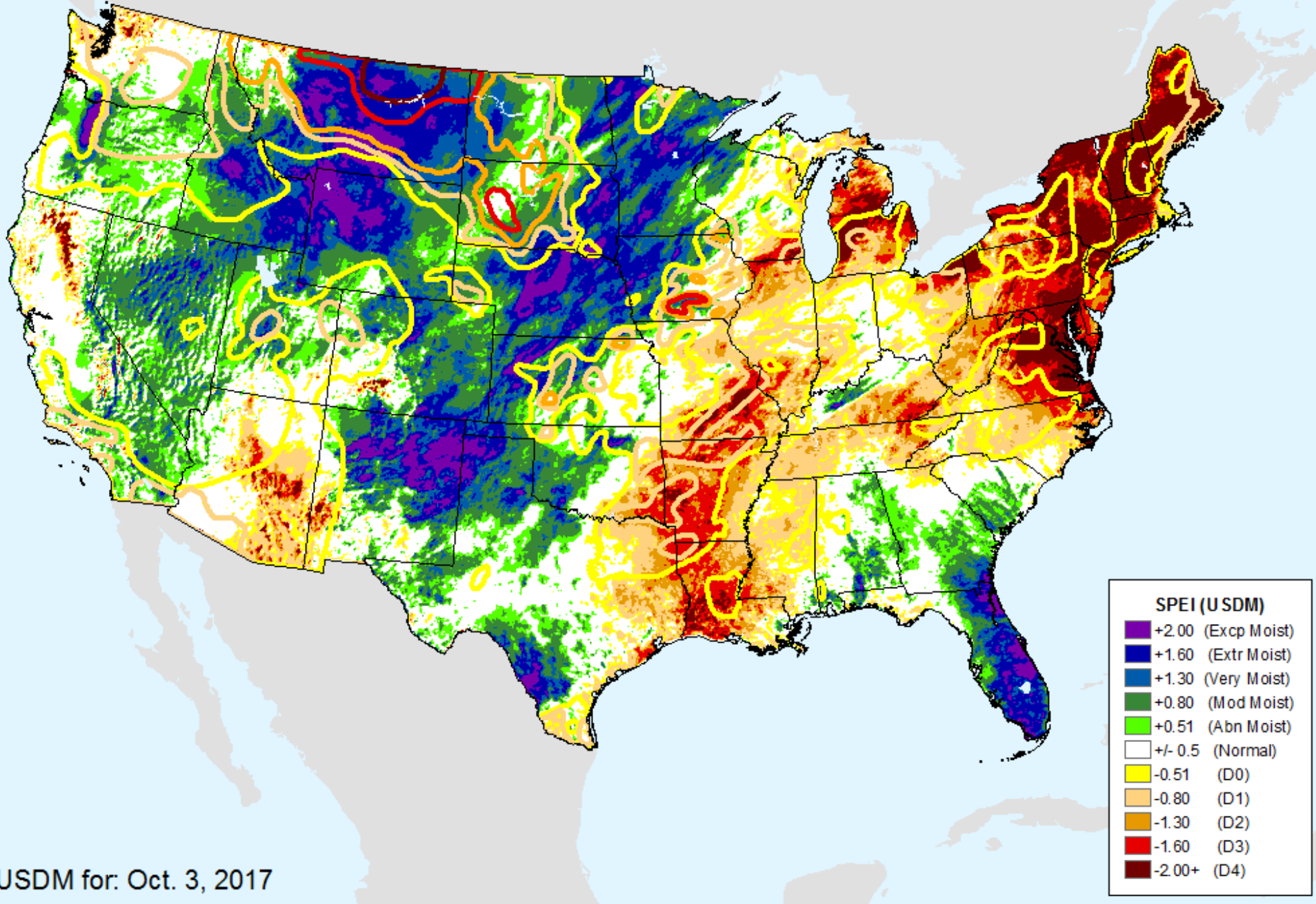
# Keetch-Byram Drought Index (KBDI)

As of: Tuesday, October 10, 2017



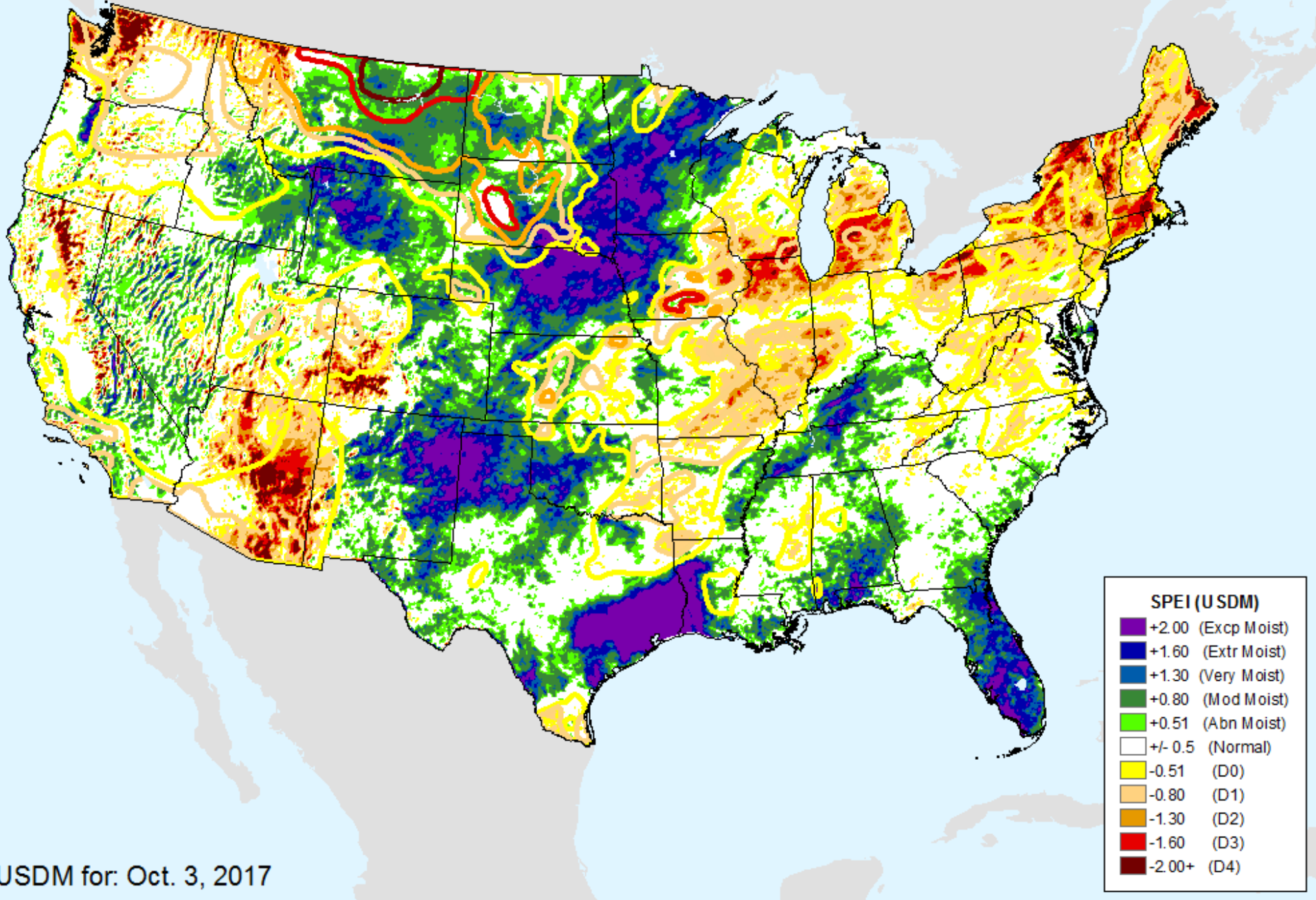
# AHPS 1-month SPEI

As of: Tuesday, October 10, 2017



# AHPS 2-month SPEI

As of: Tuesday, October 10, 2017

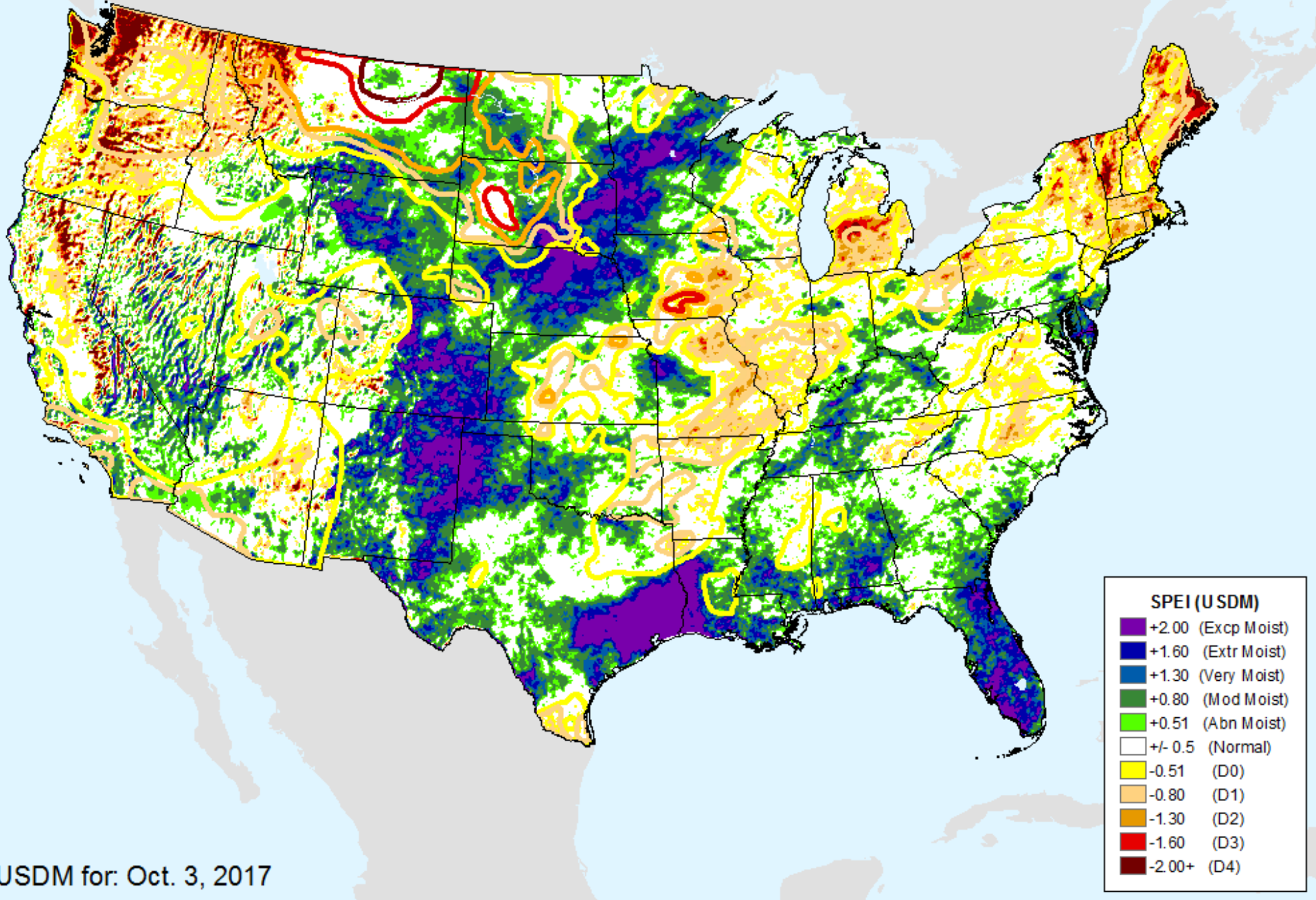


USDM for: Oct. 3, 2017



# AHPS 3-month SPEI

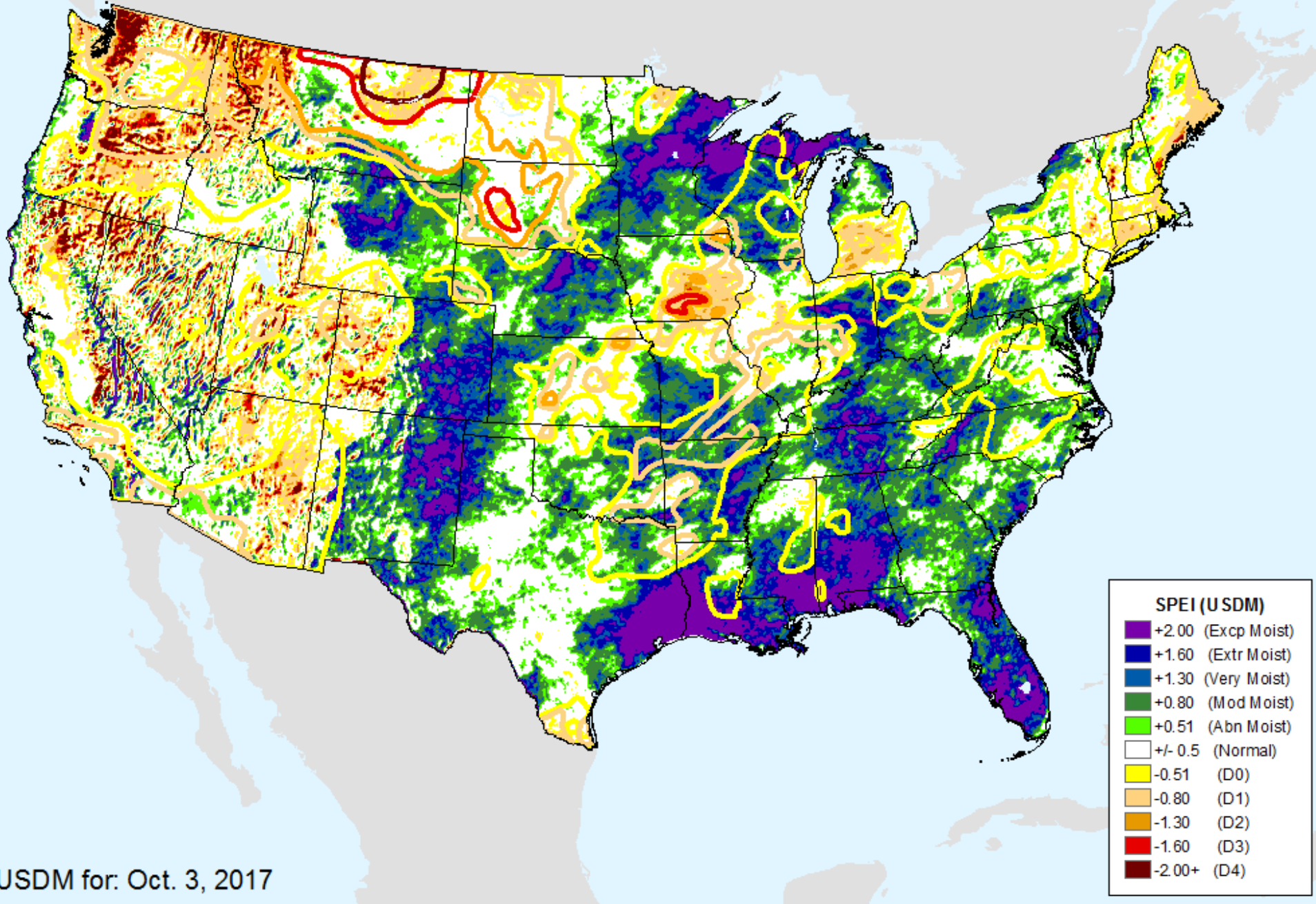
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

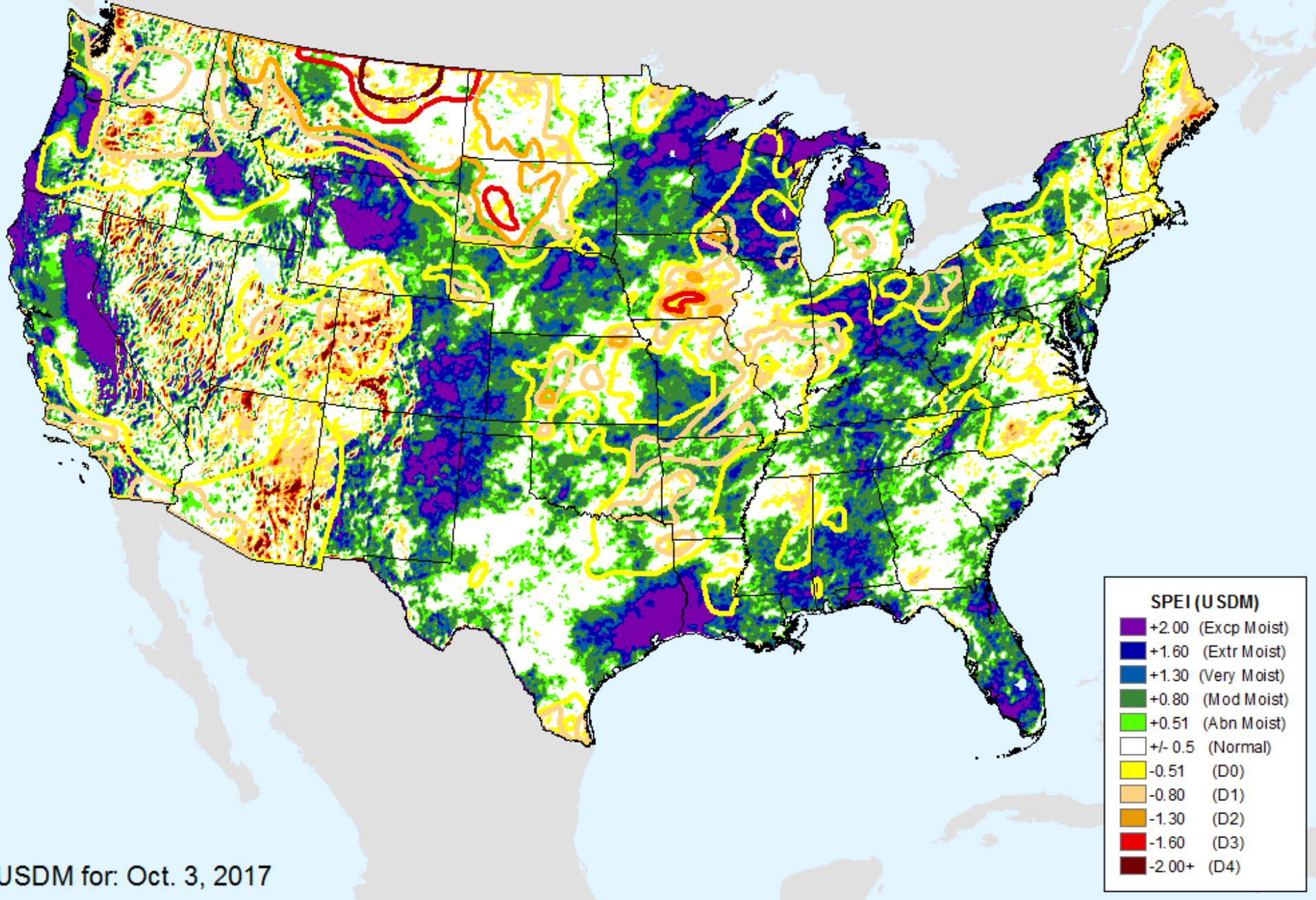
# AHPS 6-month SPEI

As of: Tuesday, October 10, 2017



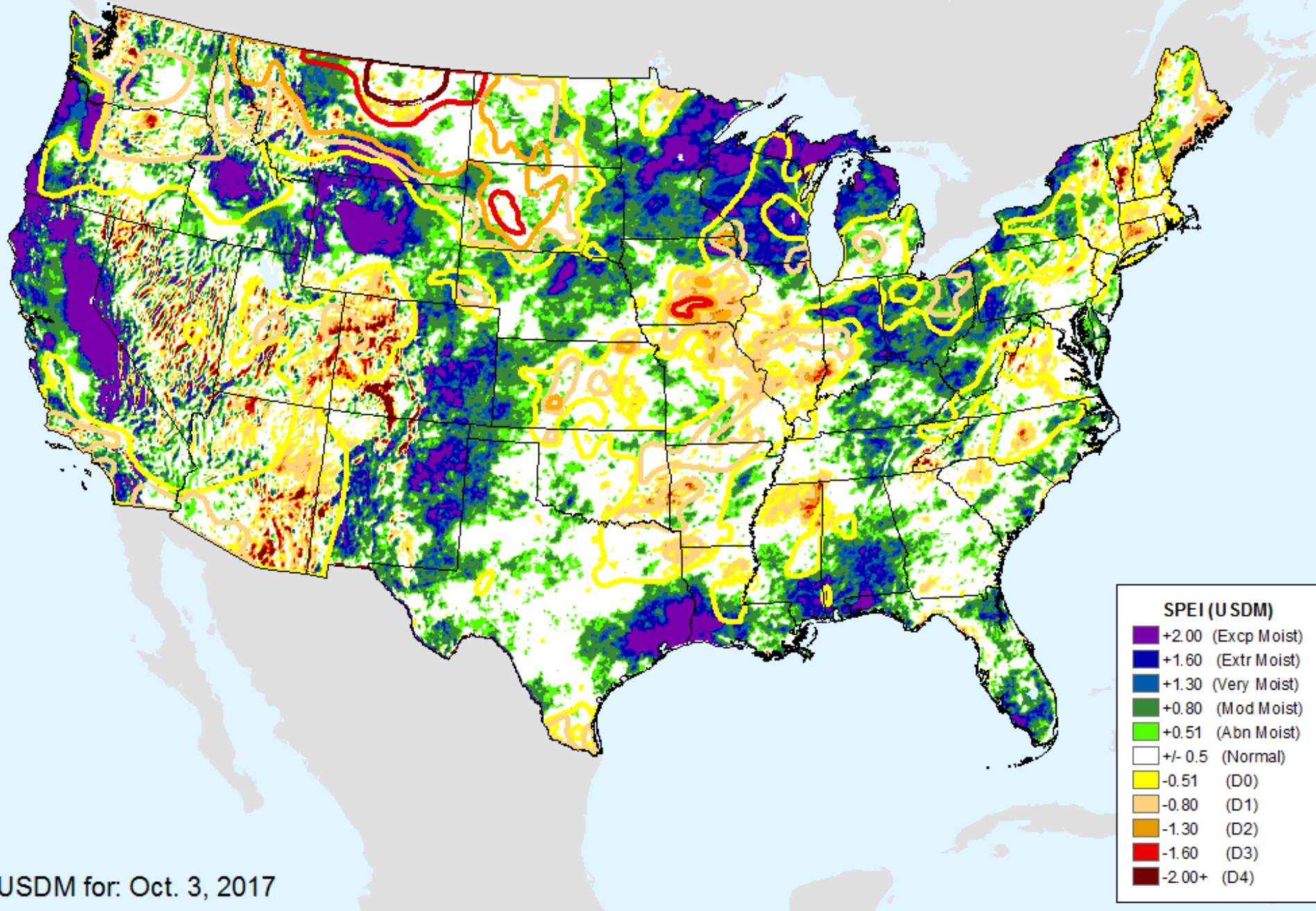
# AHPS 9-month SPEI

As of: Tuesday, October 10, 2017



# AHPS 12-month SPEI

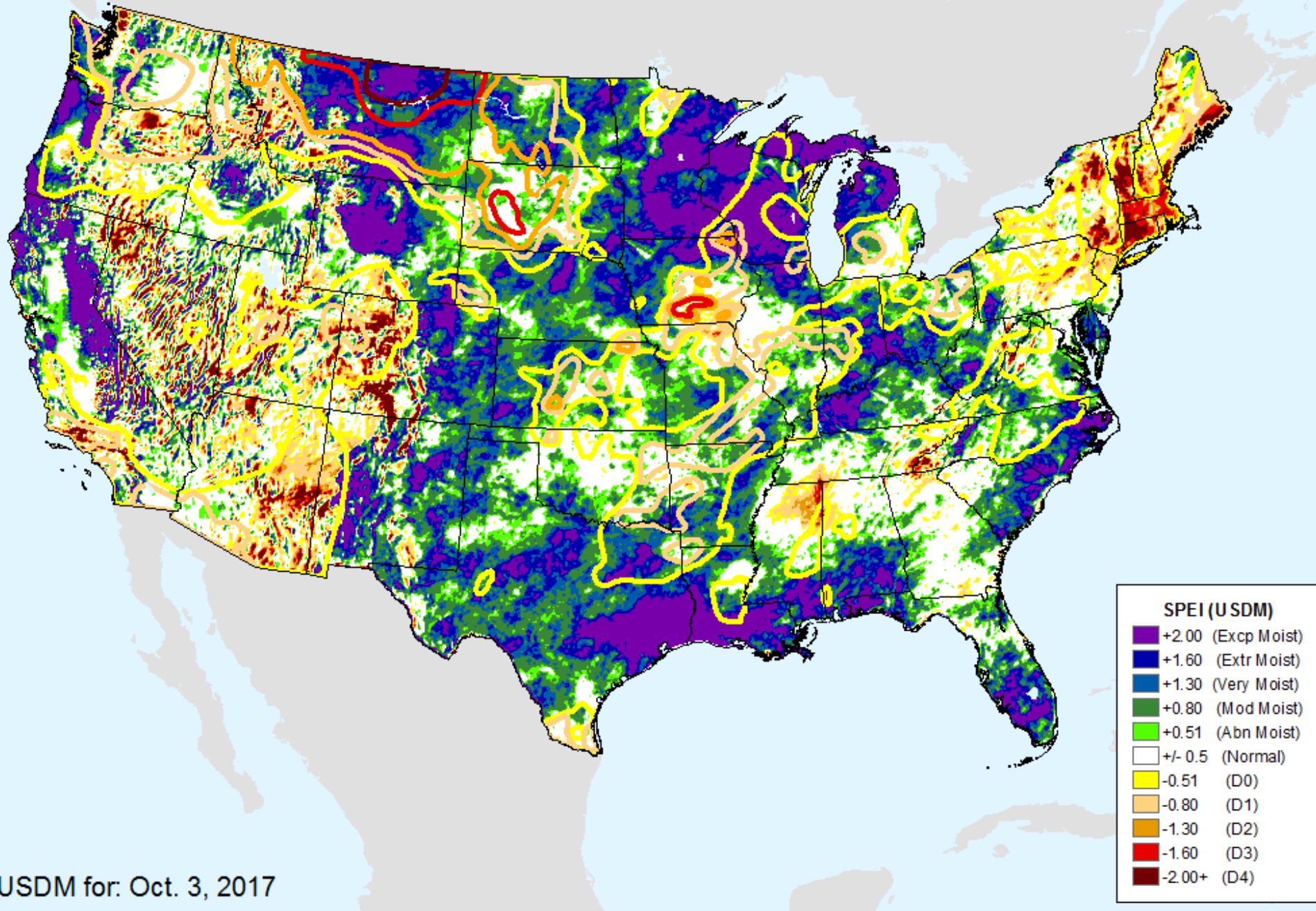
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# AHPS 24-month SPEI

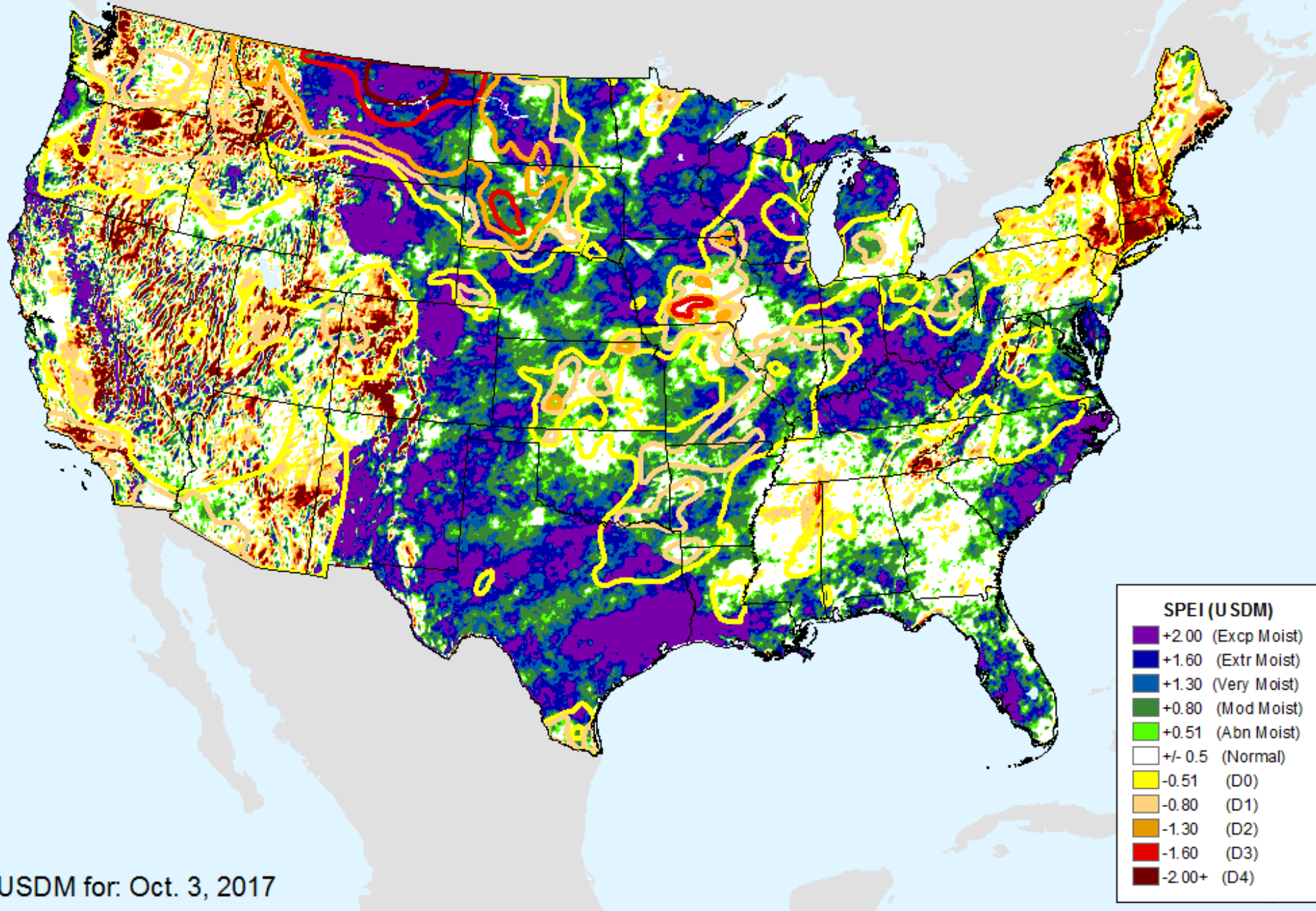
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# AHPS 36-month SPEI

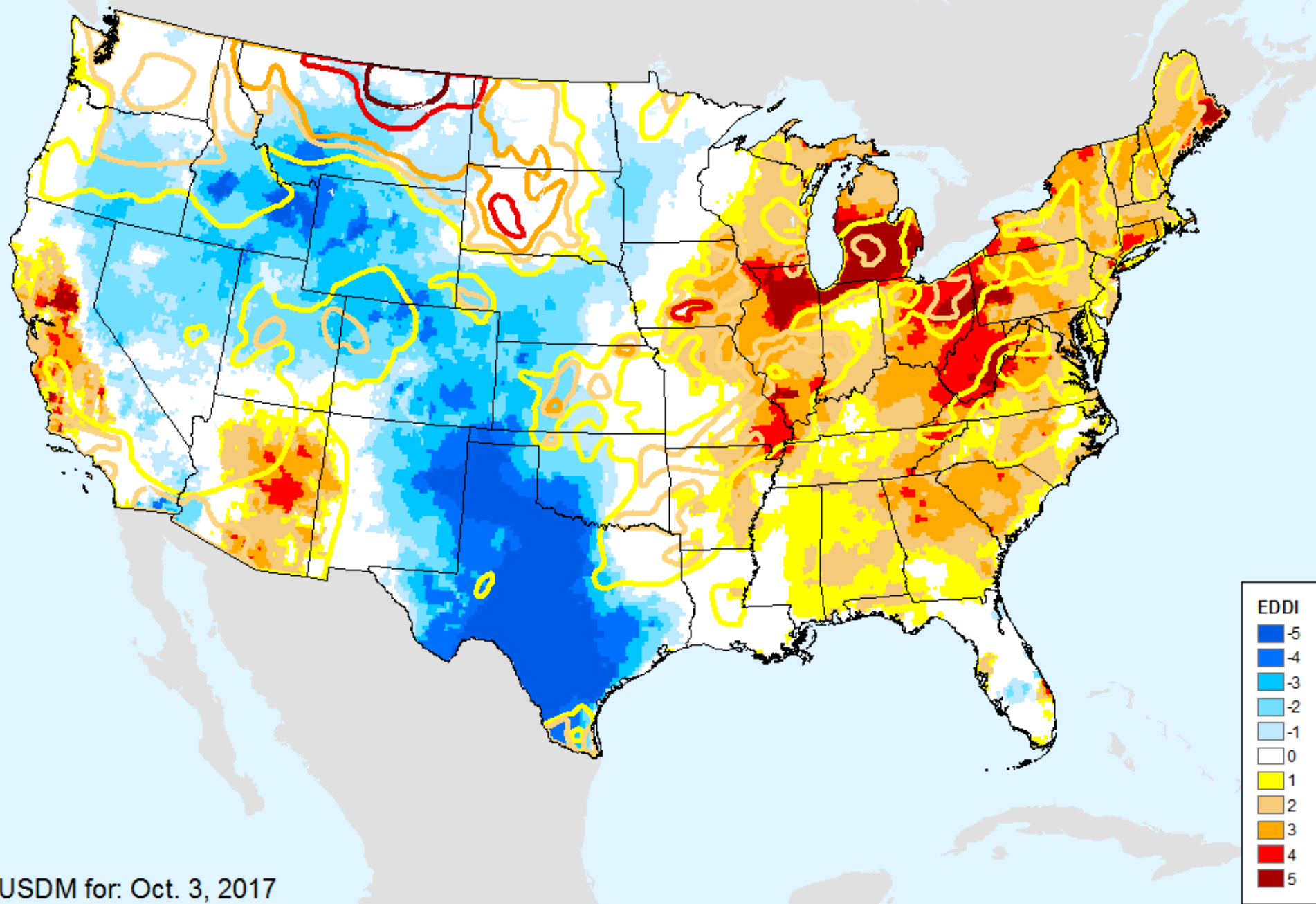
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# EDDI 1-week

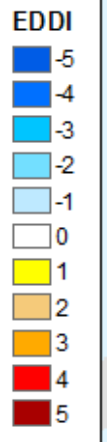
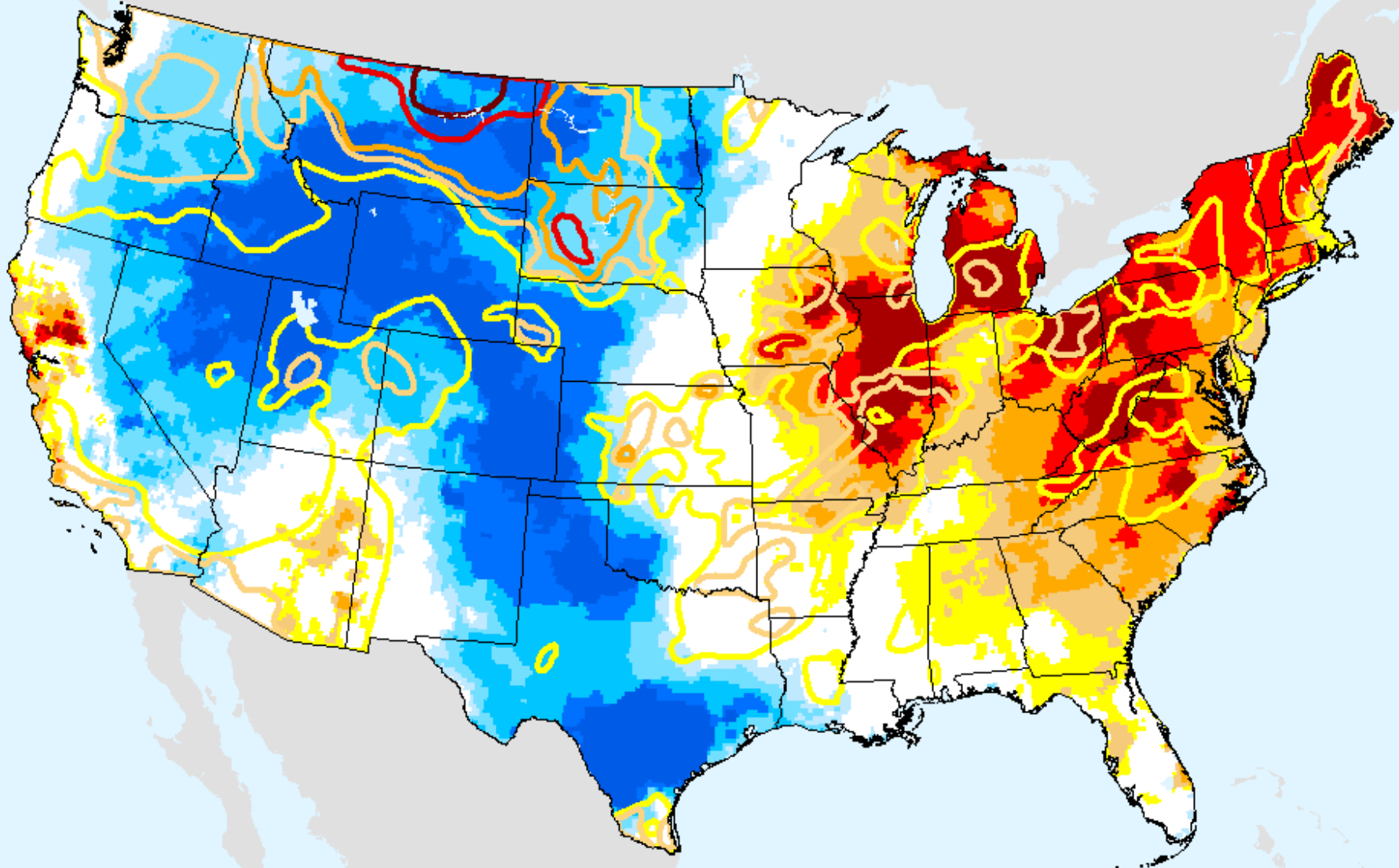
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# EDDI 2-week

As of: Tuesday, October 10, 2017

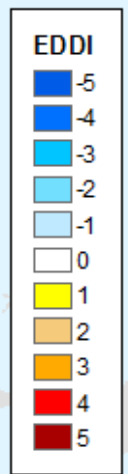
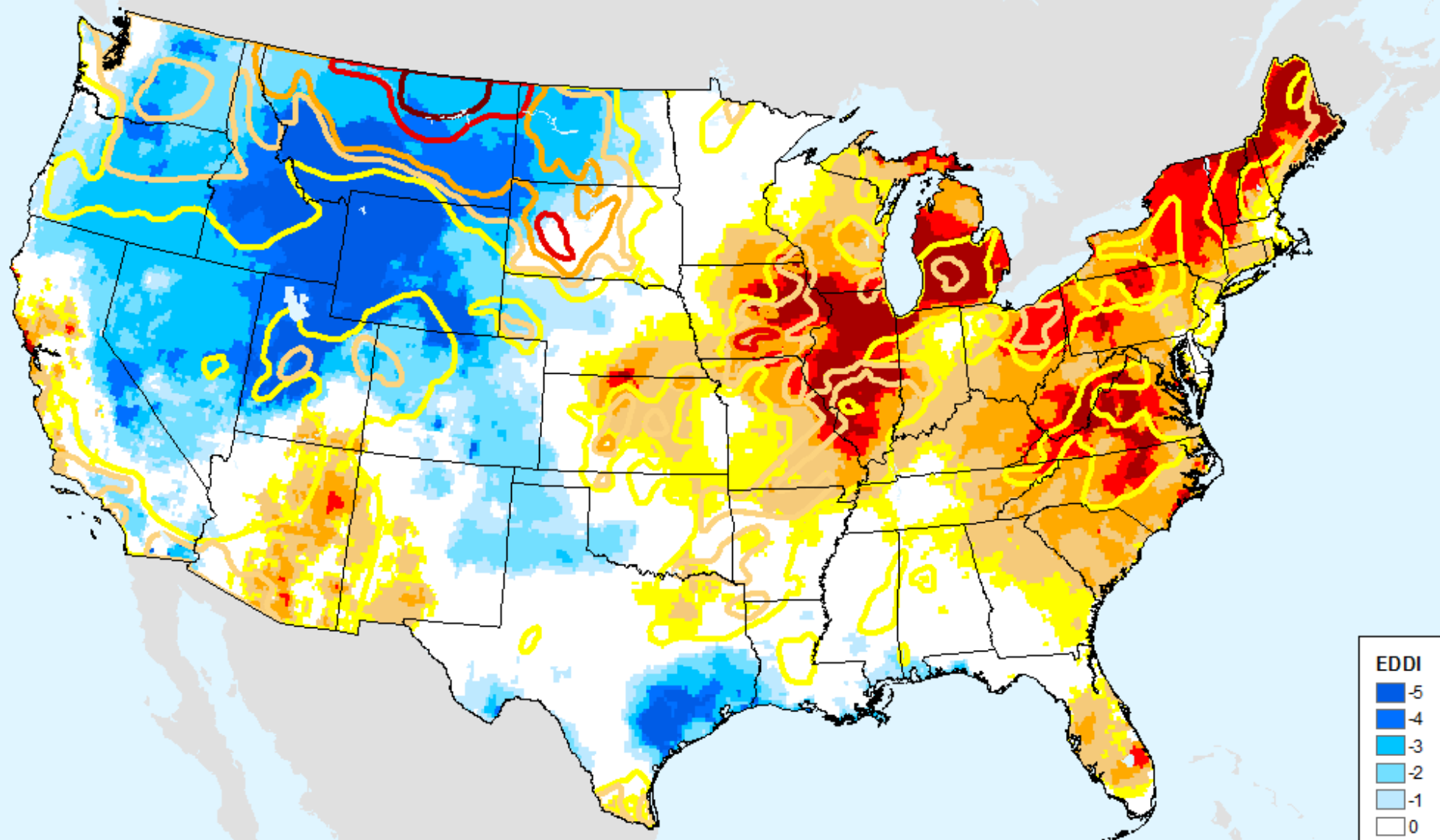


USDM for: Oct. 3, 2017



# EDDI 3-week

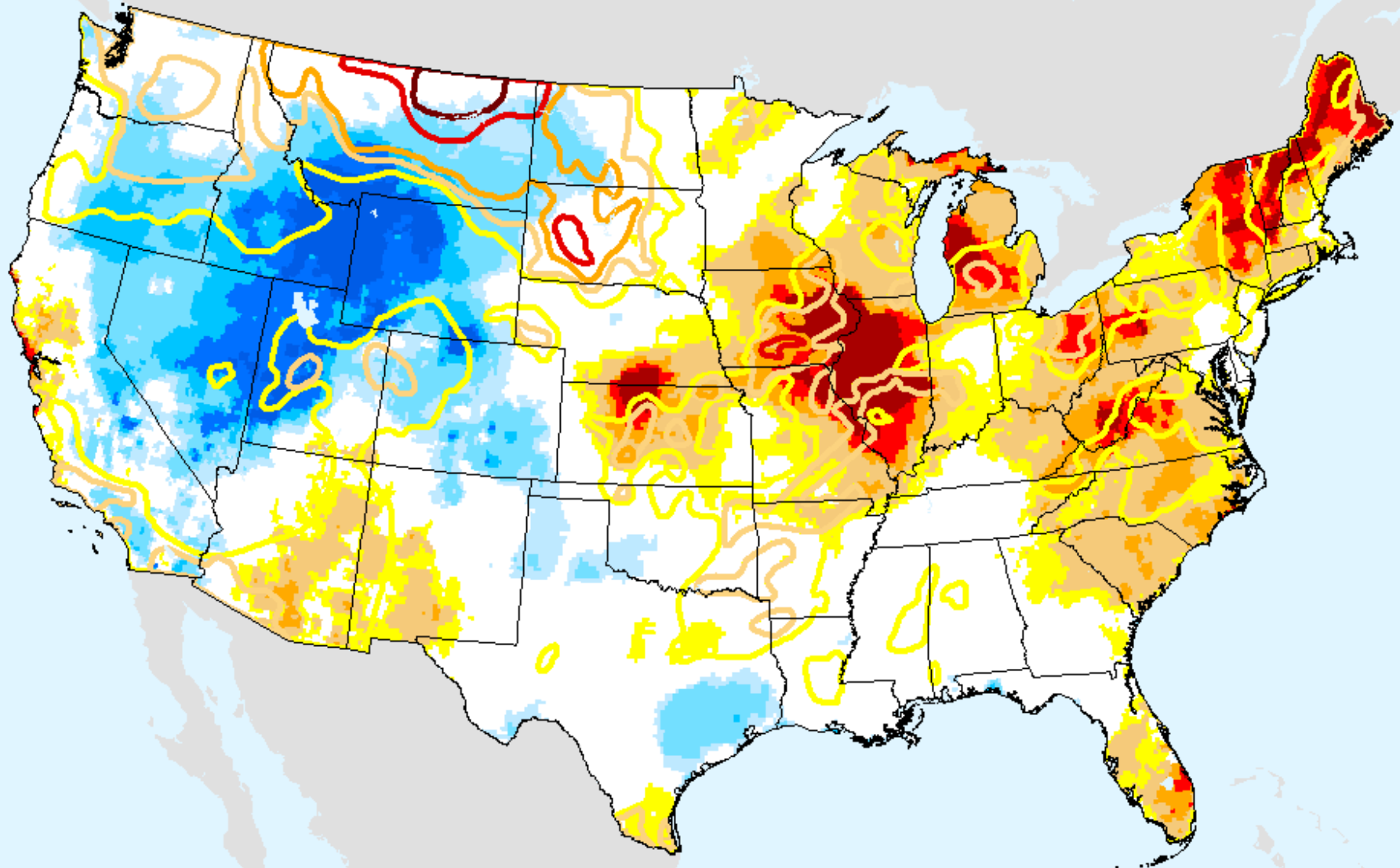
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# EDDI 4-week

As of: Tuesday, October 10, 2017



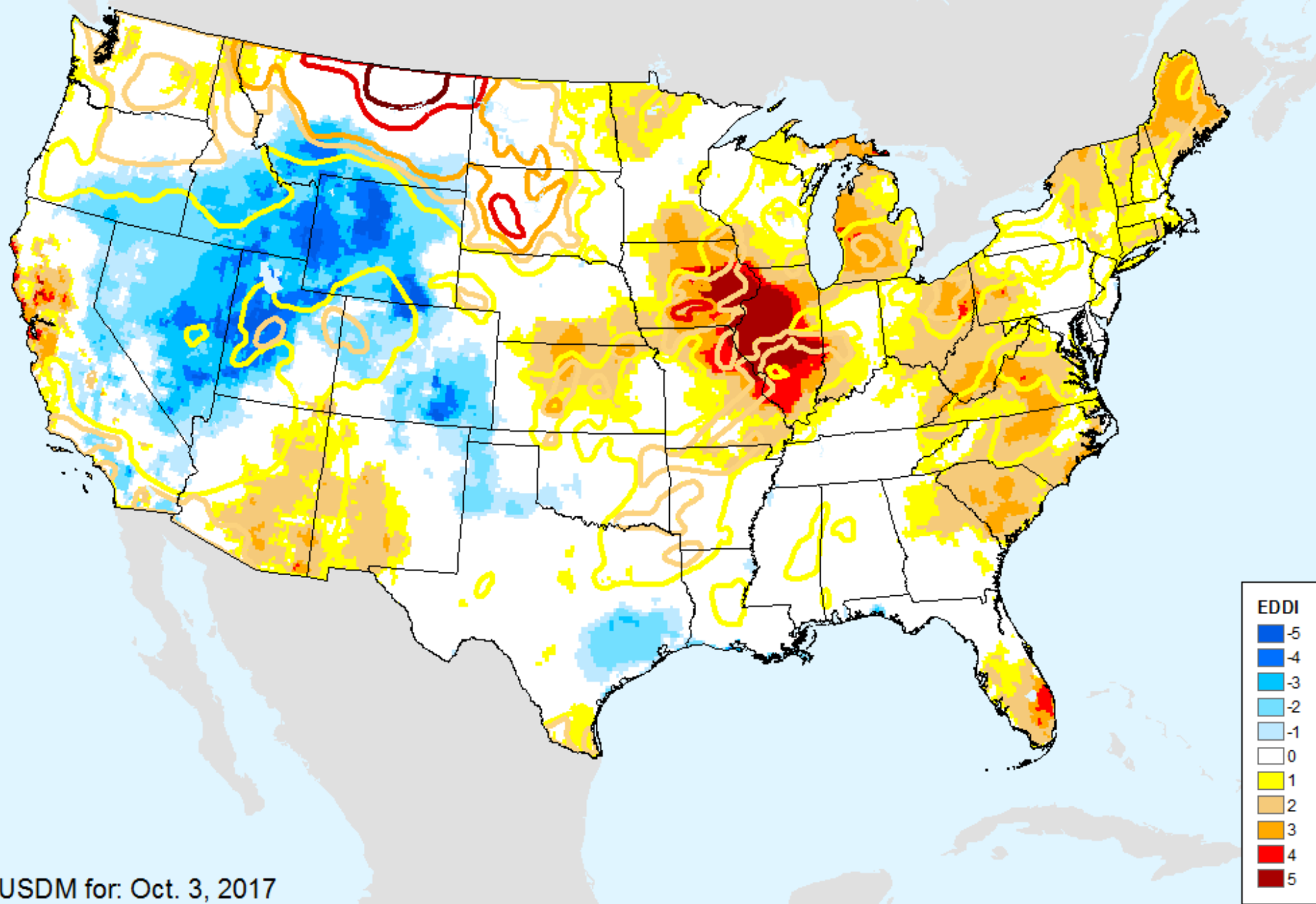
EDDI

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

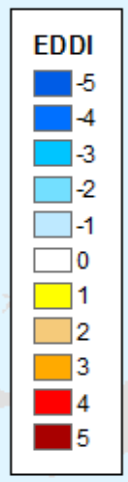
USDM for: Oct. 3, 2017

# EDDI 5-week

As of: Tuesday, October 10, 2017

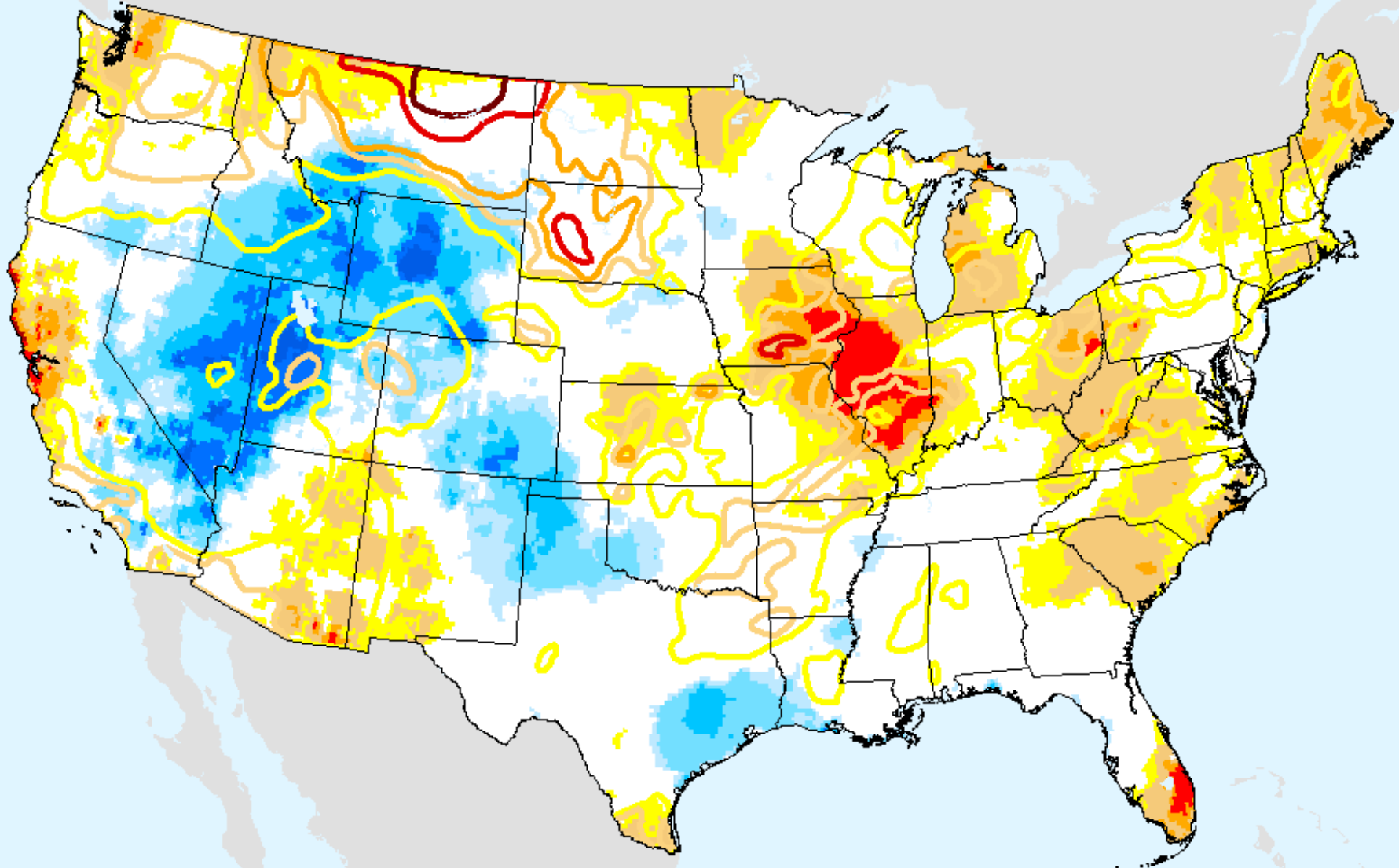


USDM for: Oct. 3, 2017



# EDDI 6-week

As of: Tuesday, October 10, 2017



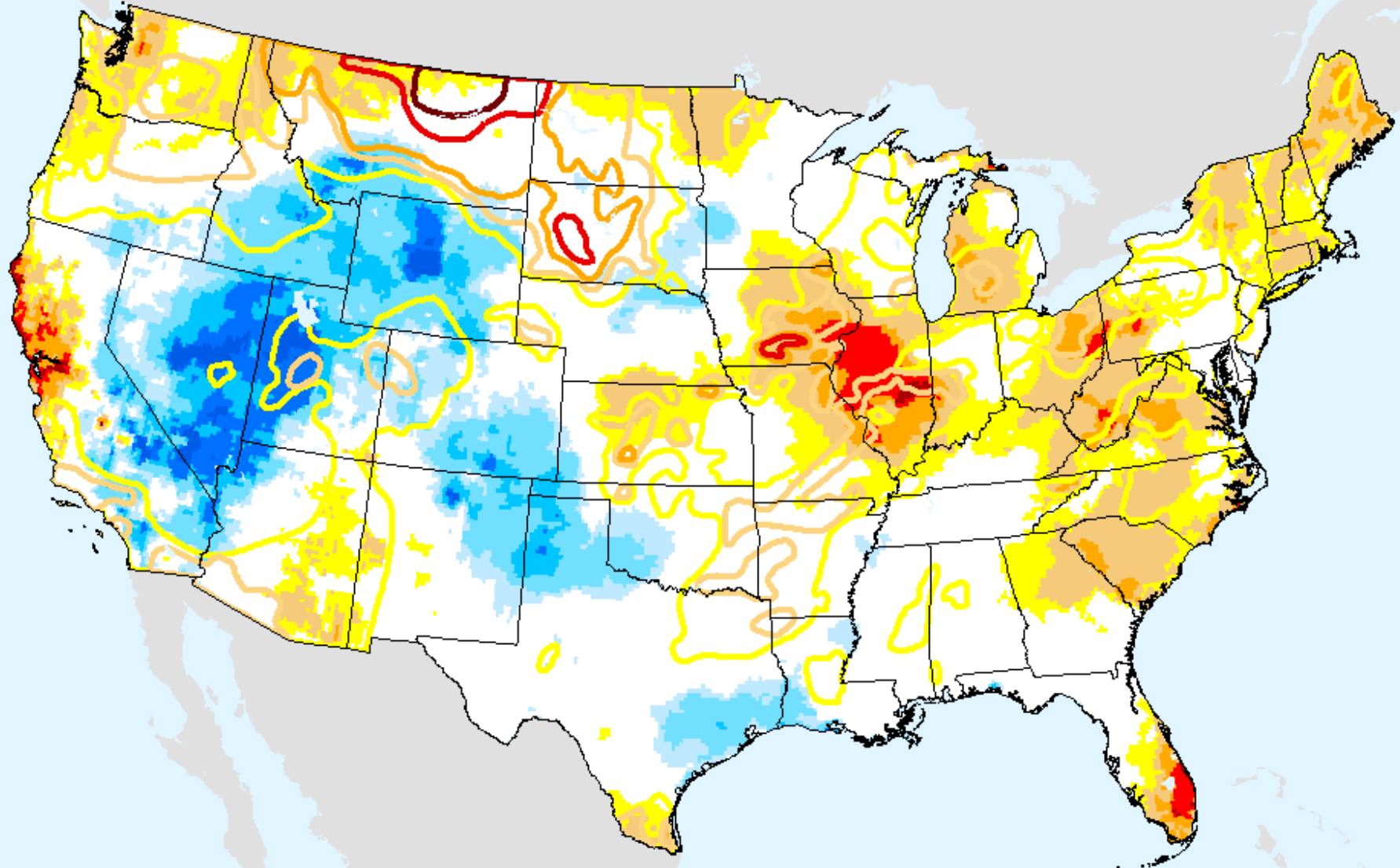
EDDI

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

USDM for: Oct. 3, 2017

# EDDI 7-week

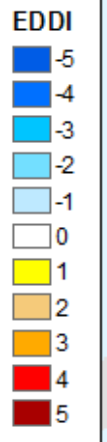
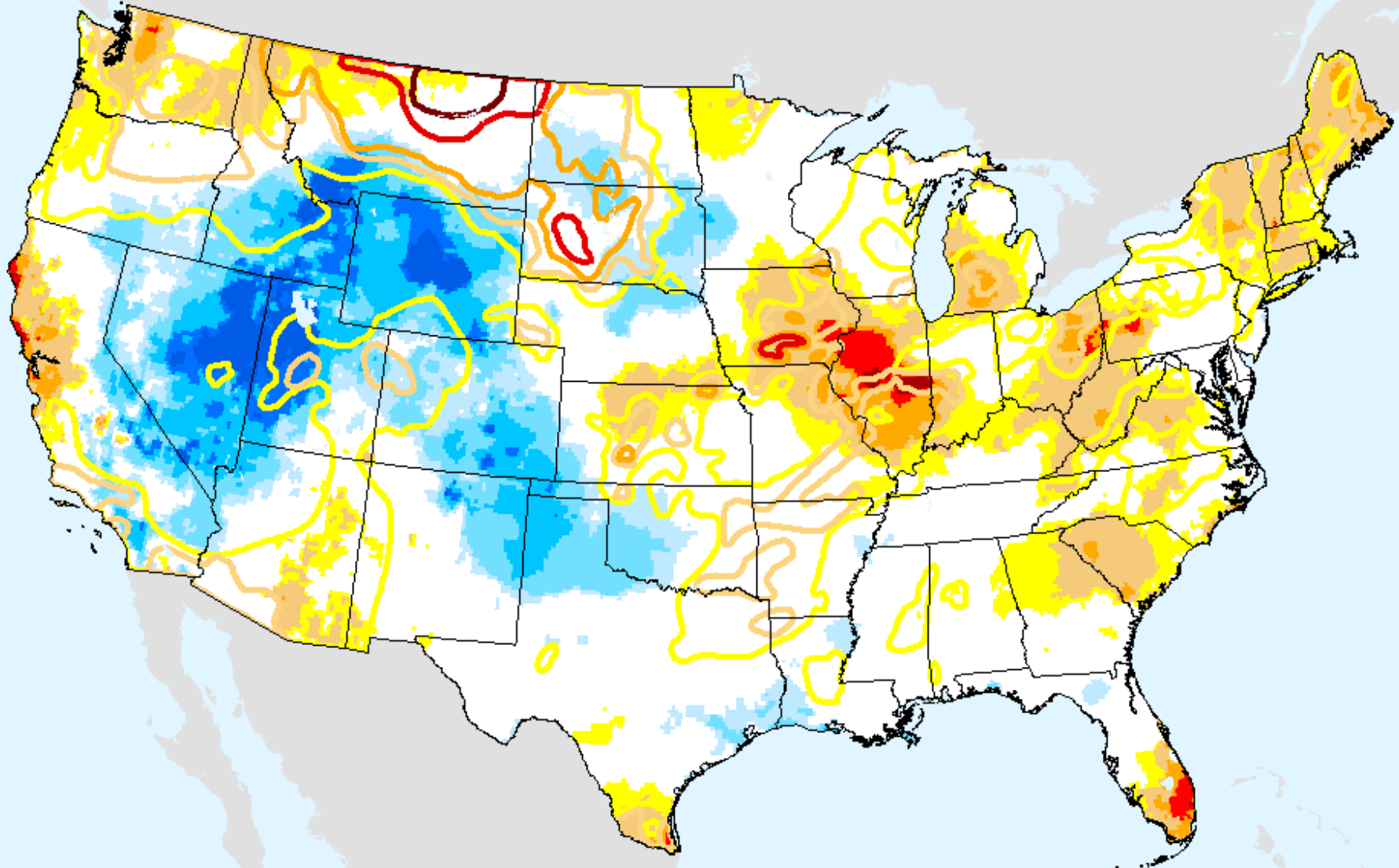
As of: Tuesday, October 10, 2017



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# EDDI 8-week

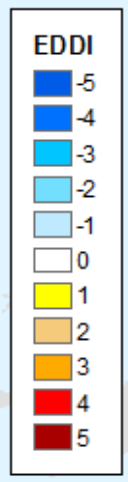
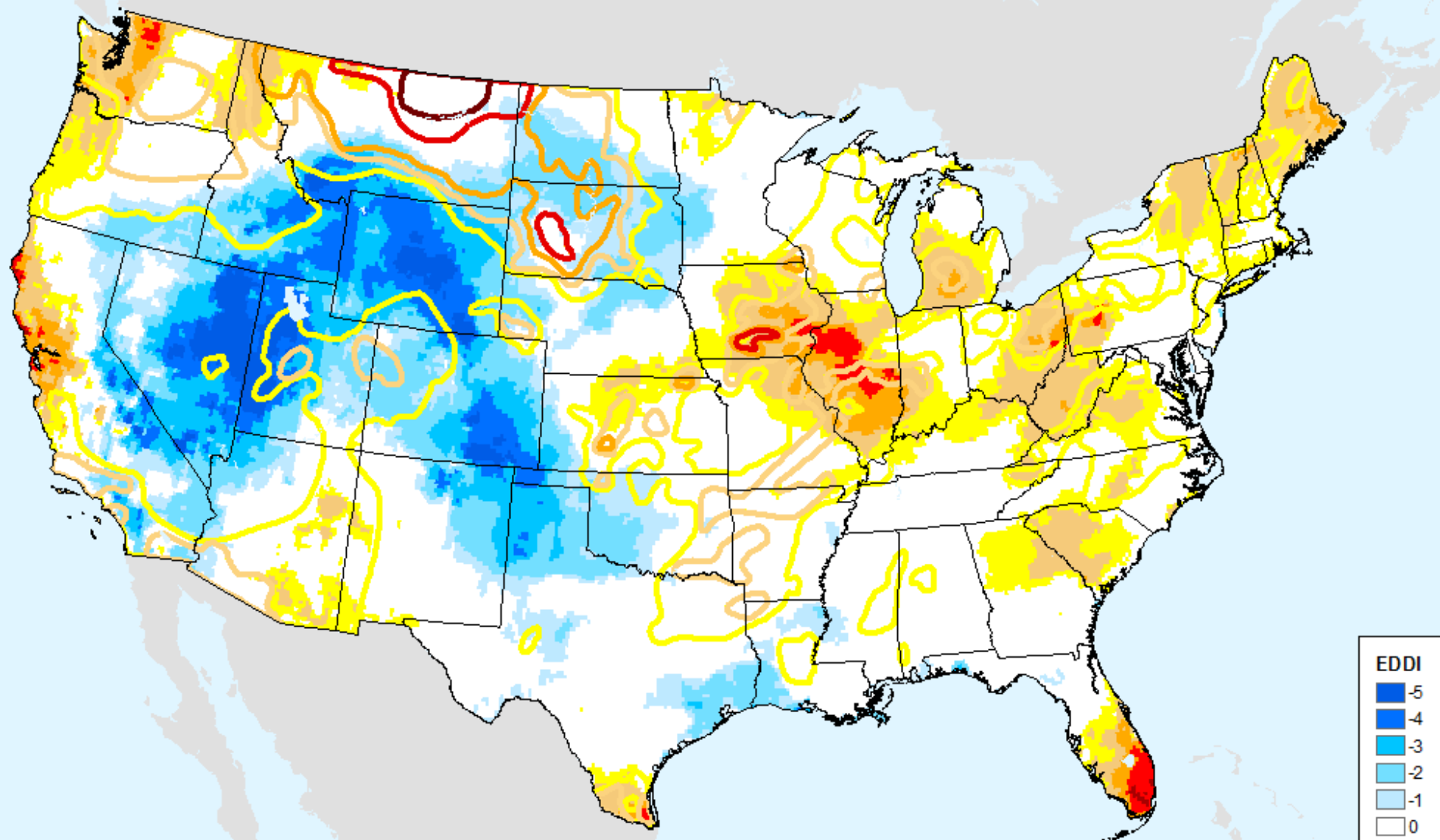
As of: Tuesday, October 10, 2017



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# EDDI 9-week

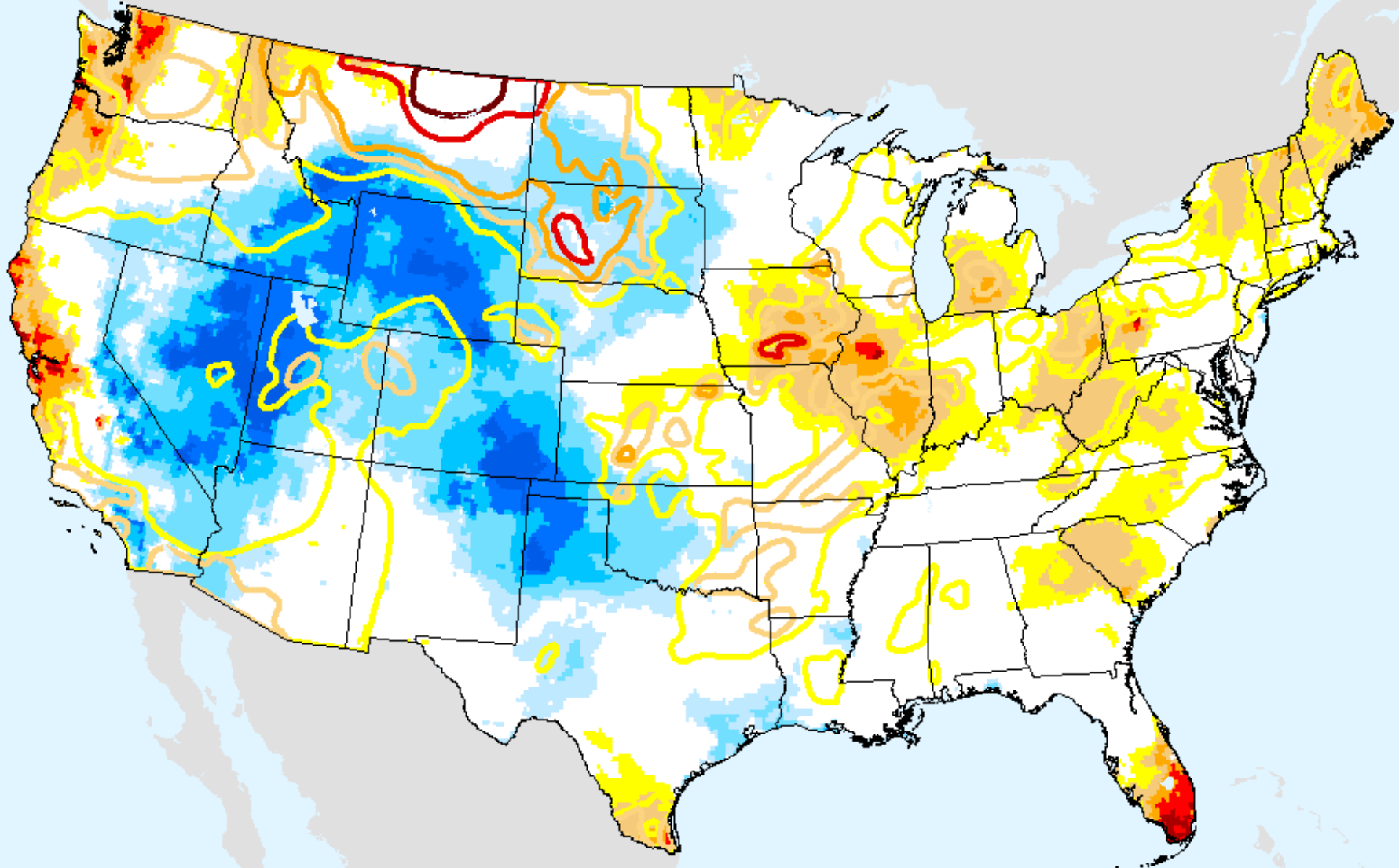
As of: Tuesday, October 10, 2017



USDM for: Oct. 3, 2017

# EDDI 10-week

As of: Tuesday, October 10, 2017



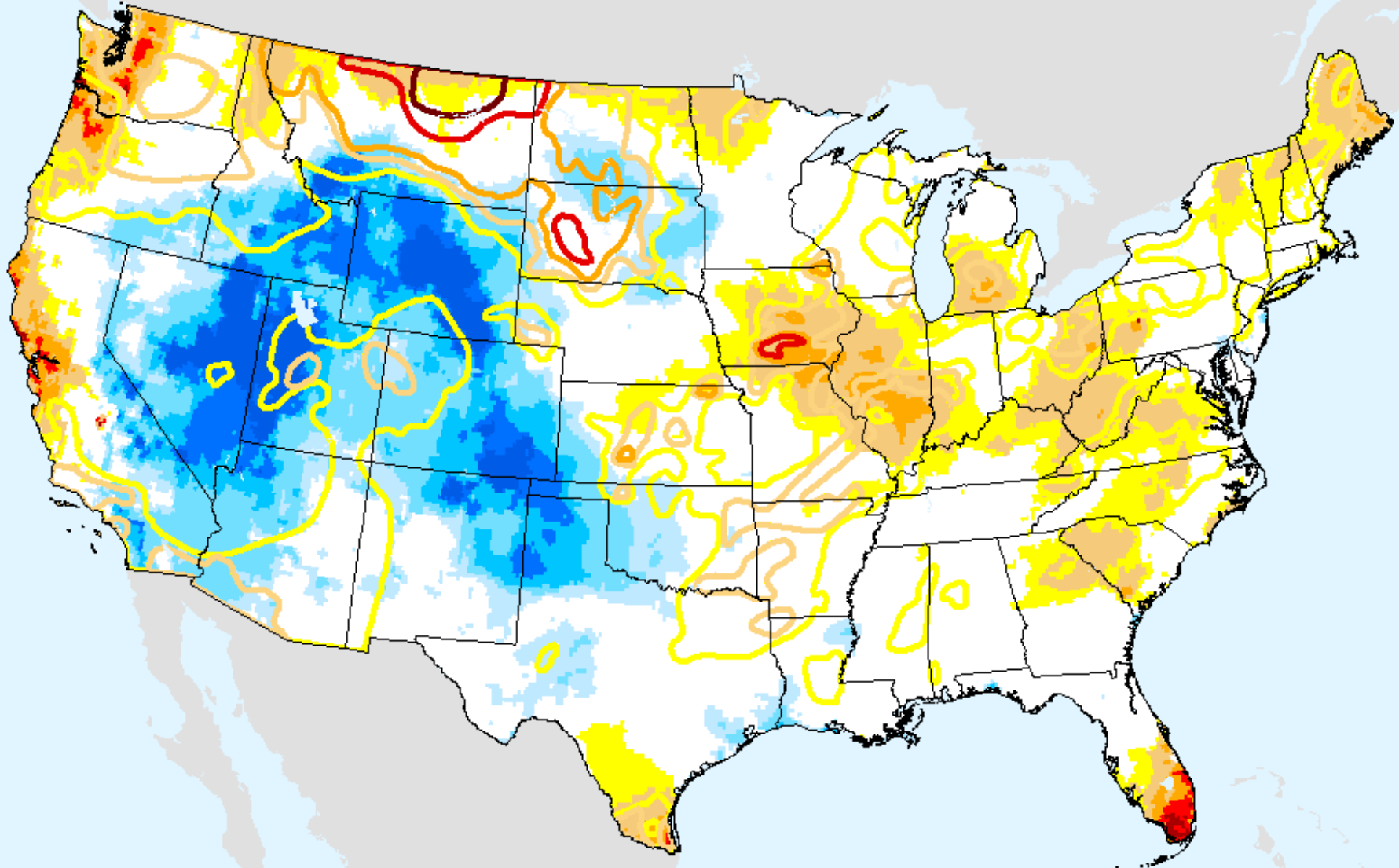
EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Light Orange	2
Orange	3
Red-Orange	4
Dark Red	5

USDM for: Oct. 3, 2017



# EDDI 11-week

As of: Tuesday, October 10, 2017

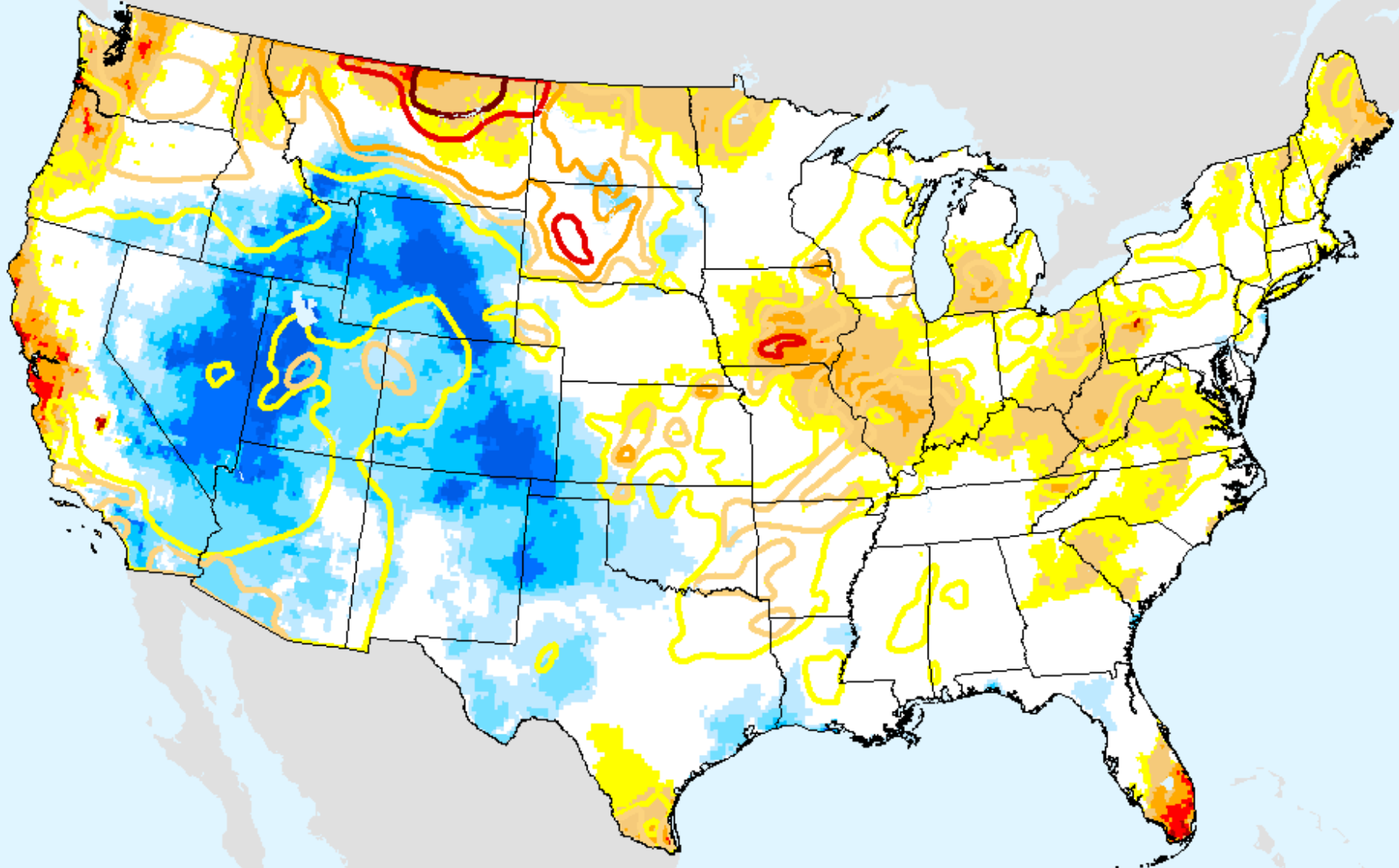


EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Light Orange	2
Orange	3
Red-Orange	4
Dark Red	5

USDM for: Oct. 3, 2017

# EDDI 12-week

As of: Tuesday, October 10, 2017

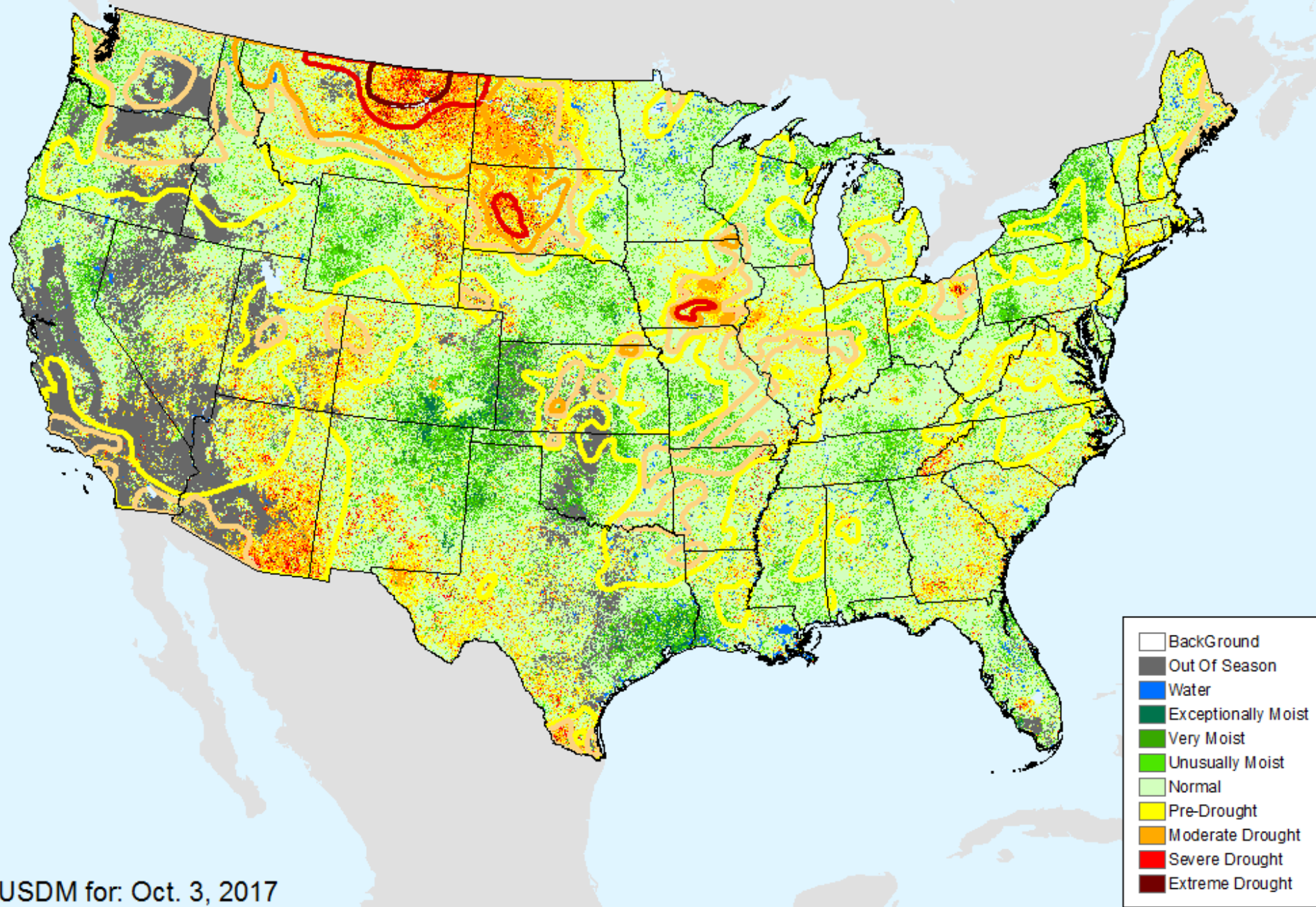


EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Orange	2
Red-Orange	3
Red	4
Dark Red	5

USDM for: Oct. 3, 2017

# Vegetation Drought Response Index (VegDRI)

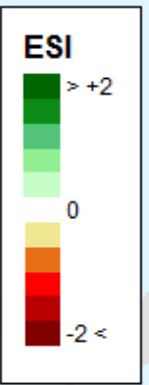
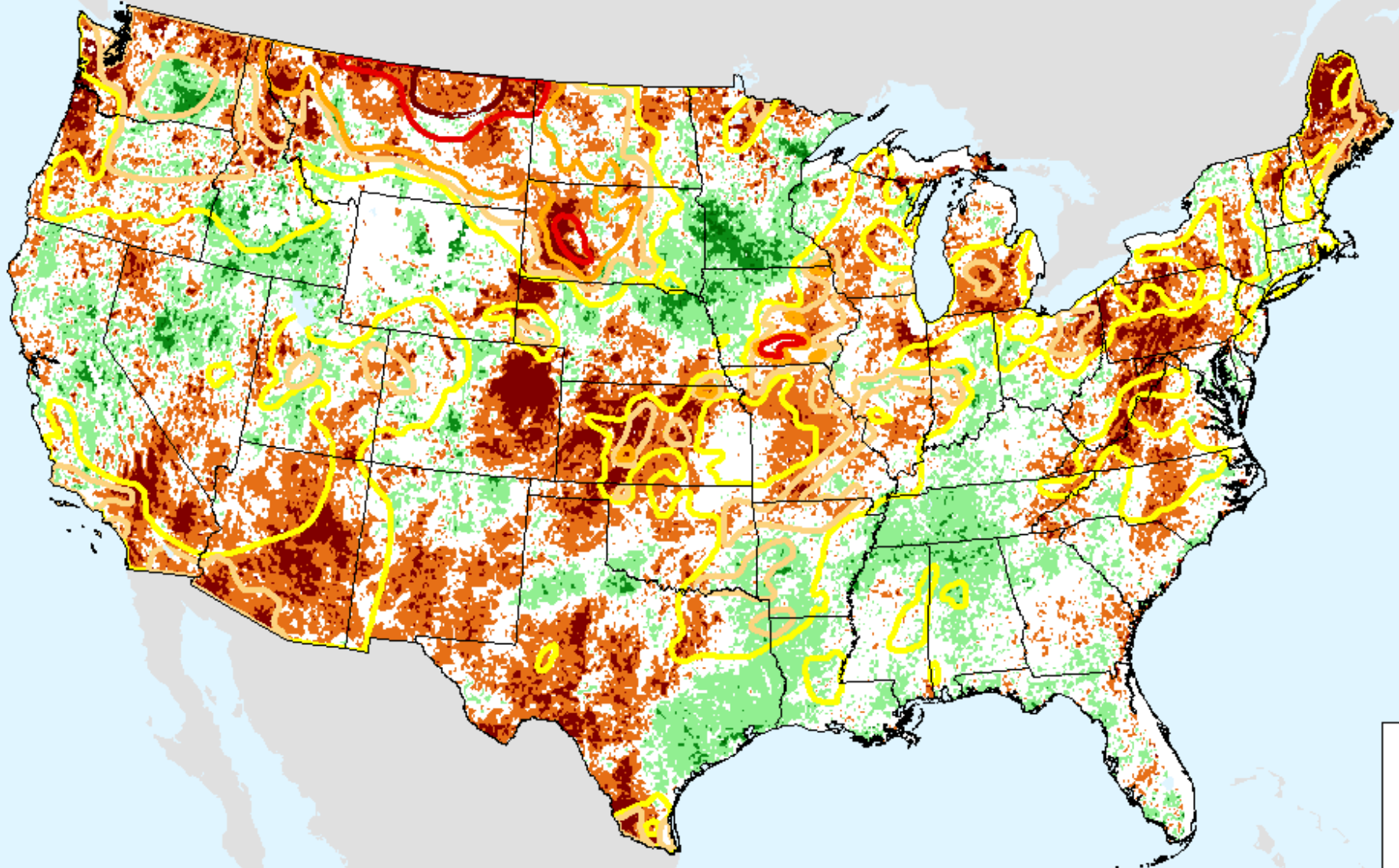
As of: Tuesday, October 10, 2017



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# Evaporative Stress Index (ESI) 4-week

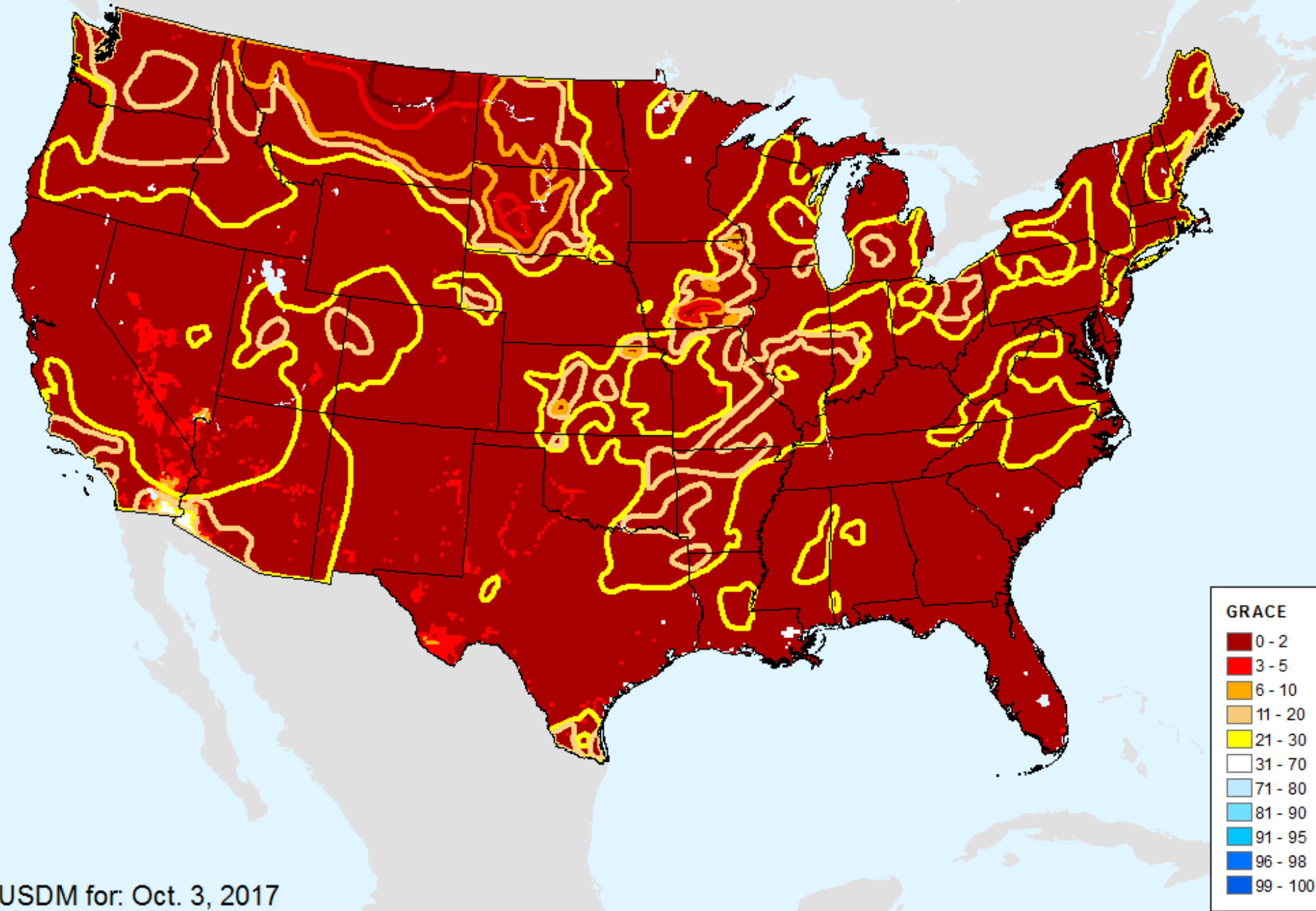
As of: Tuesday, October 10, 2017



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# GRACE-Based Shallow Groundwater Drought Indicator

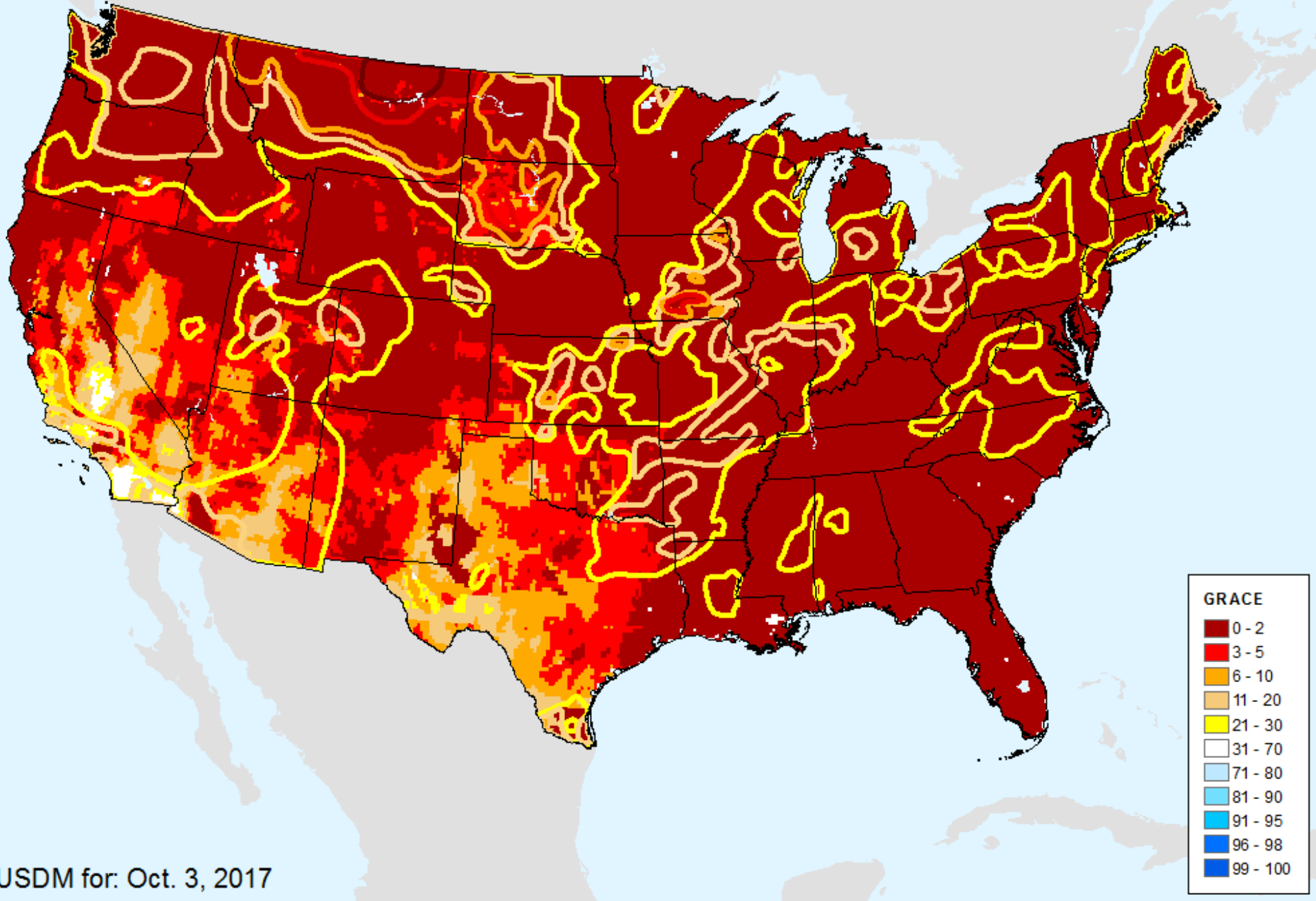
As of: Tuesday, October 10, 2017



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# GRACE-Based Root Zone Soil Moisture Drought Indicator

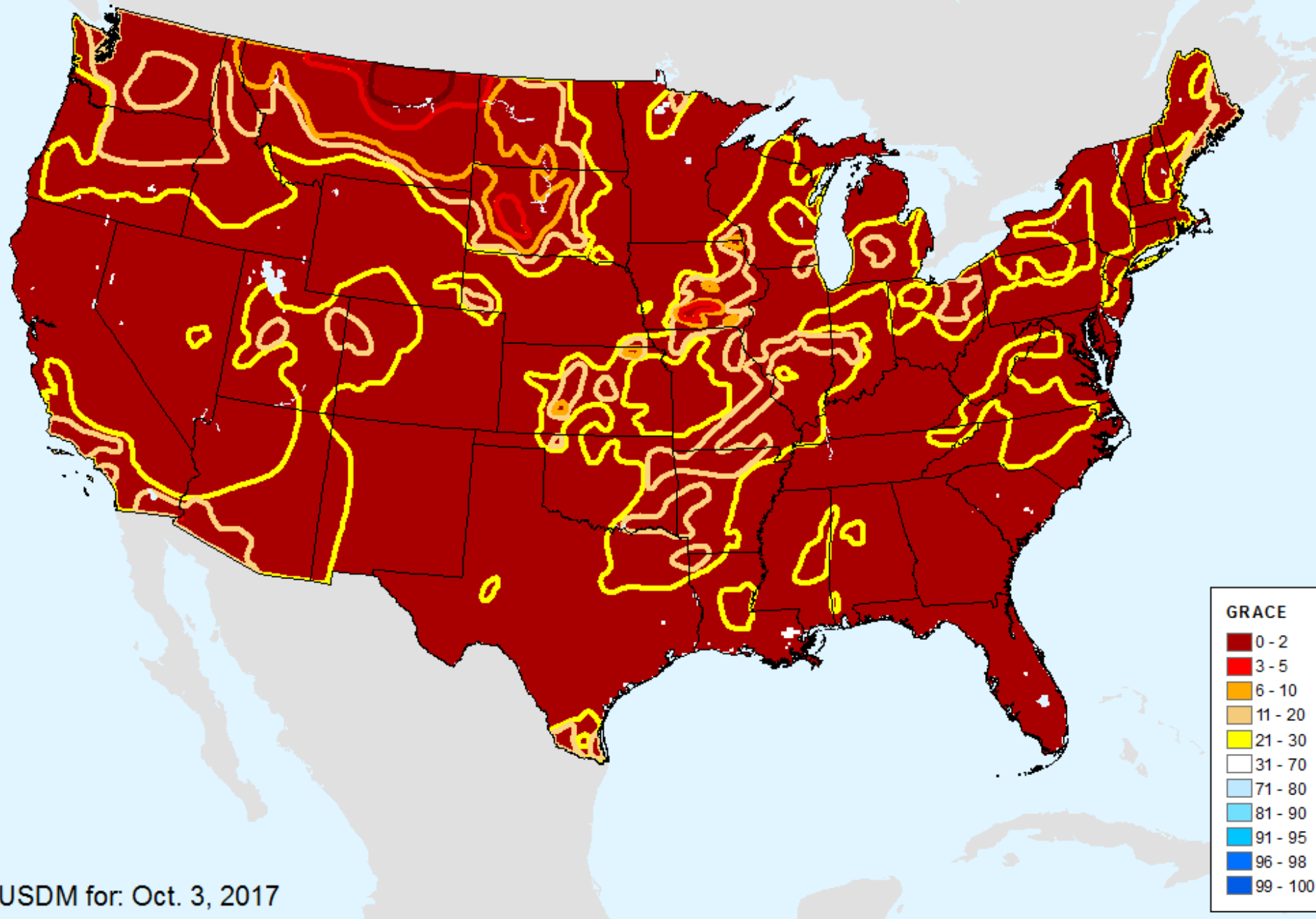
As of: Tuesday, October 10, 2017



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# GRACE-Based Surface Soil Moisture Drought Indicator

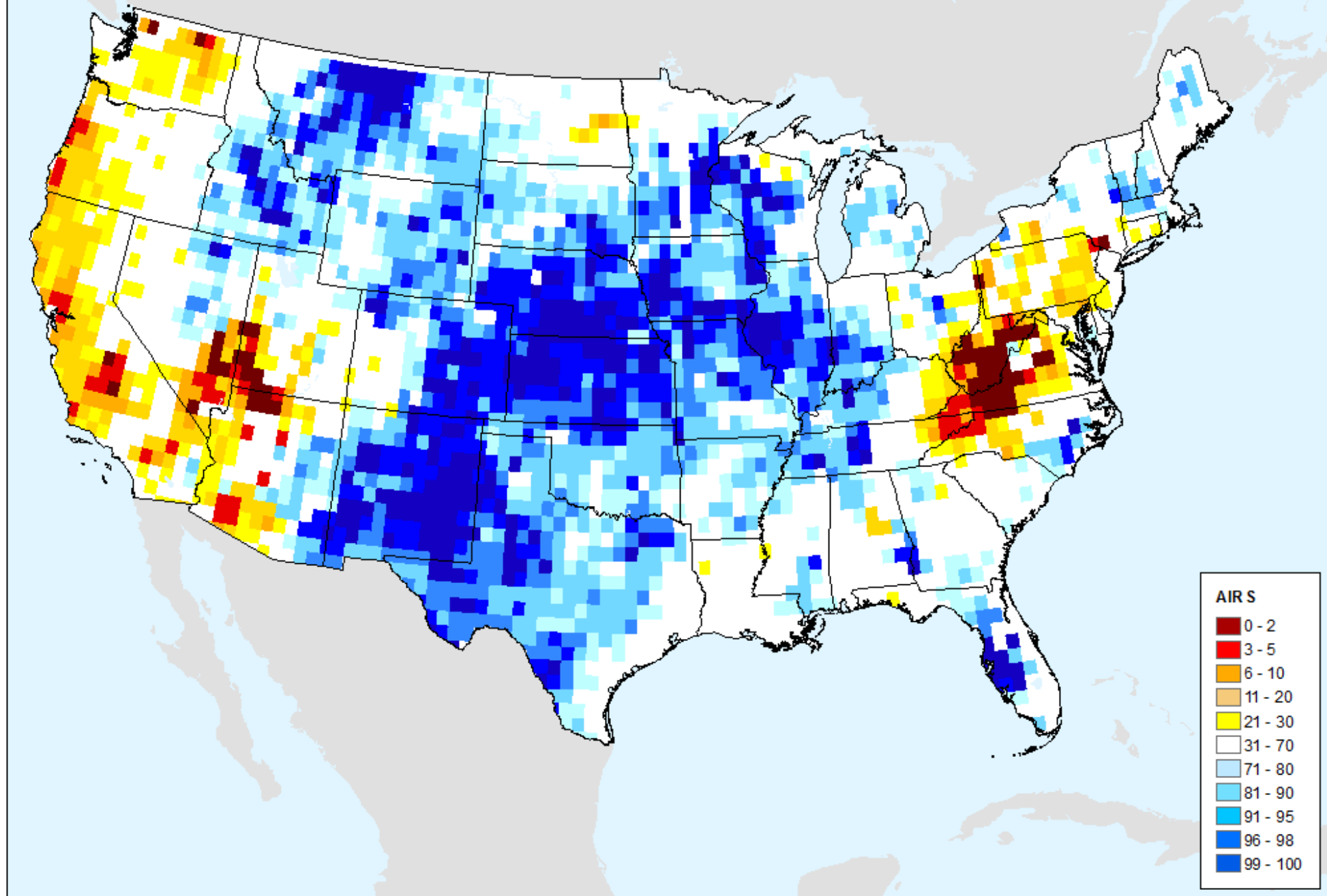
As of: Tuesday, October 10, 2017



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# AIRS-Based Surface Relative Humidity 7 Day

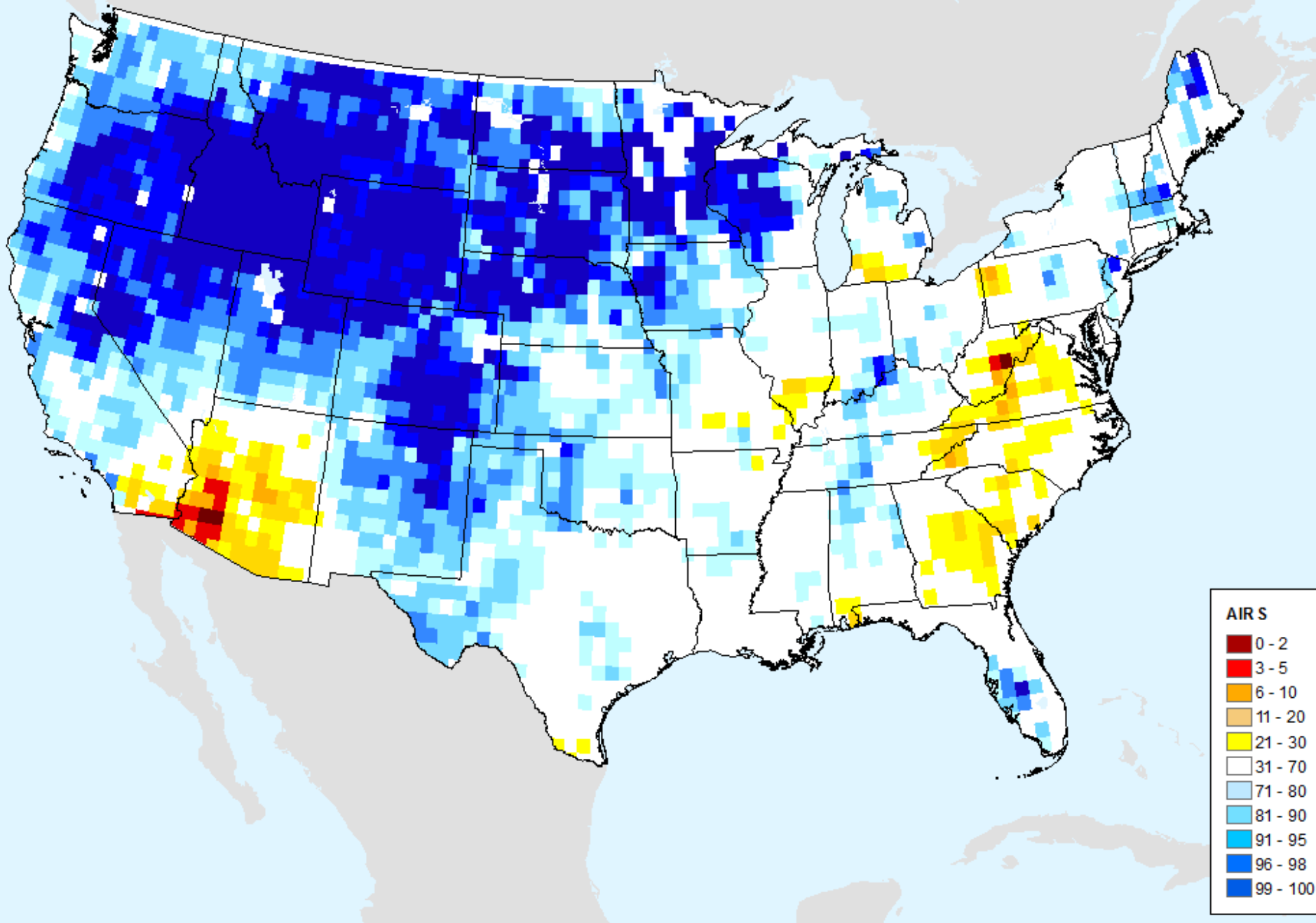
As of: Tuesday, October 10, 2017





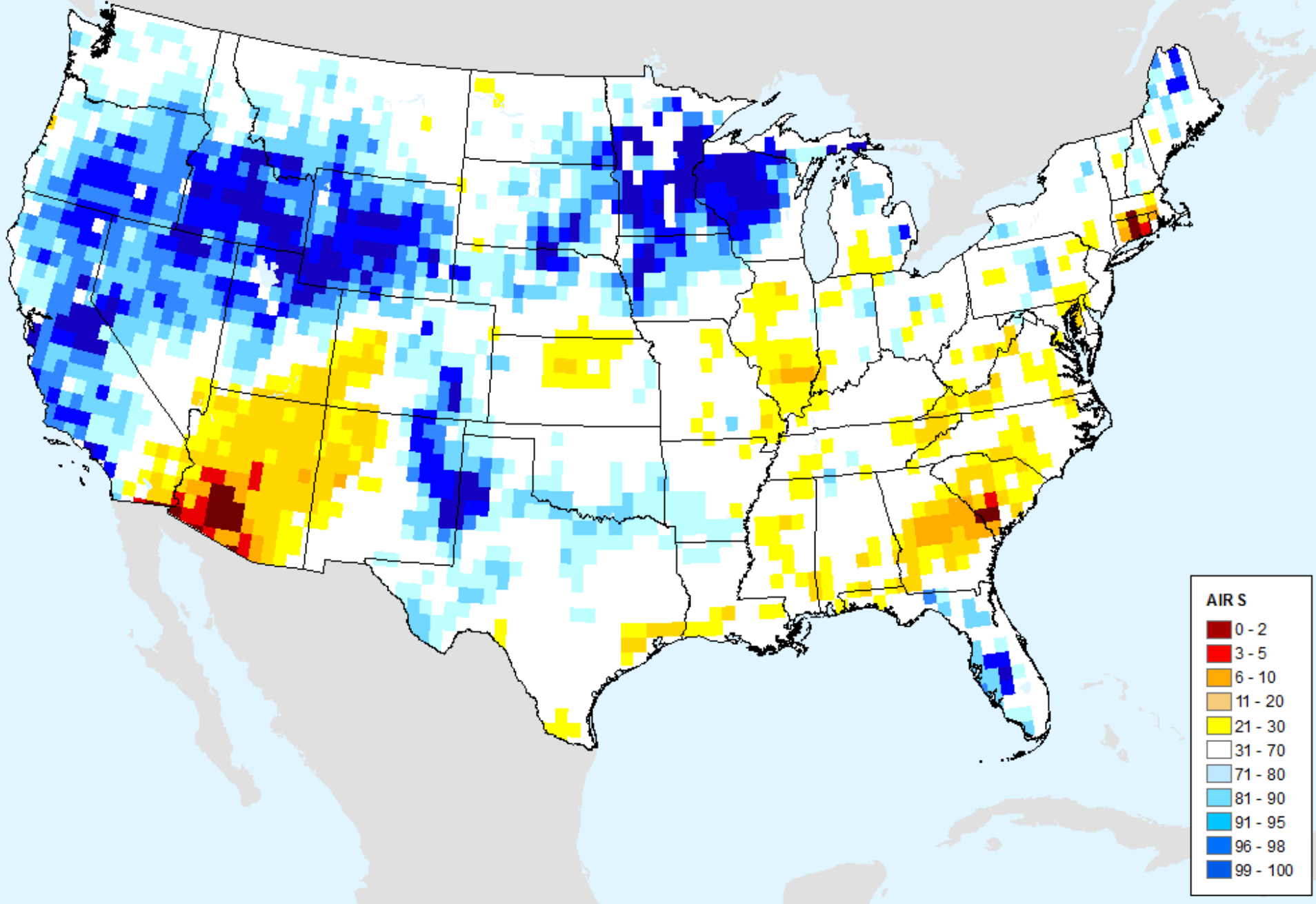
# AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, October 10, 2017



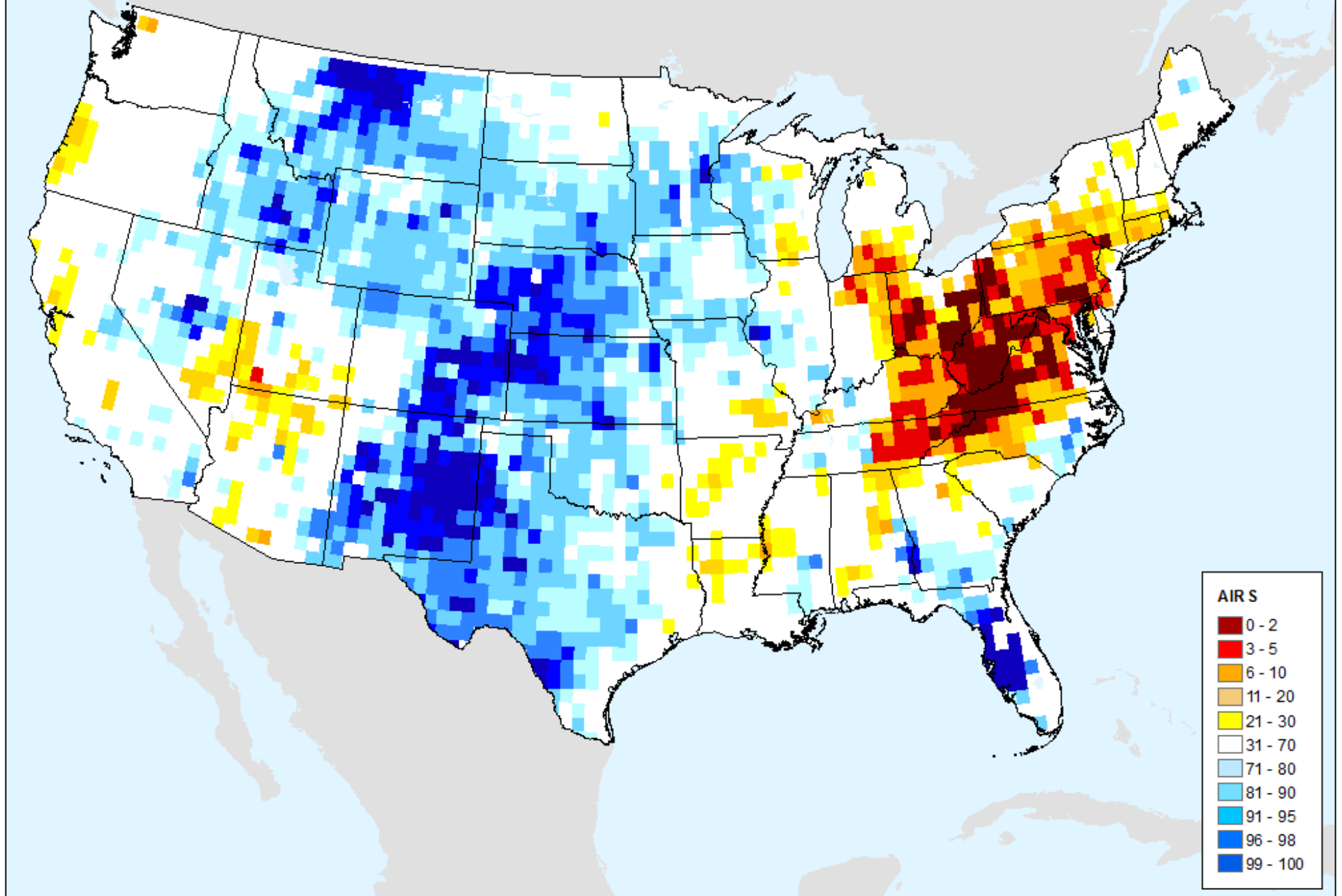
# AIRS-Based Surface Relative Humidity 56 Day

As of: Tuesday, October 10, 2017



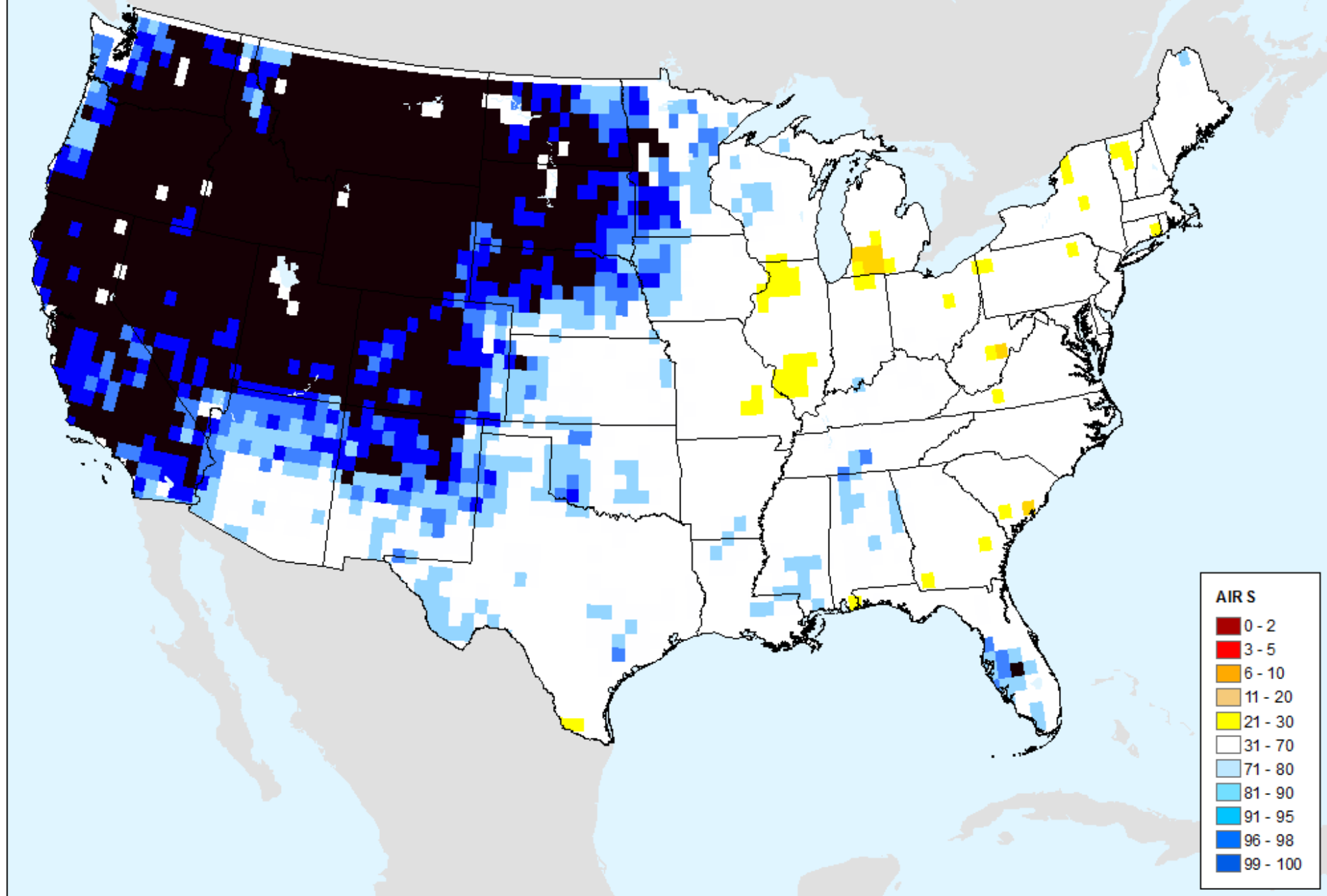
# AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, October 10, 2017



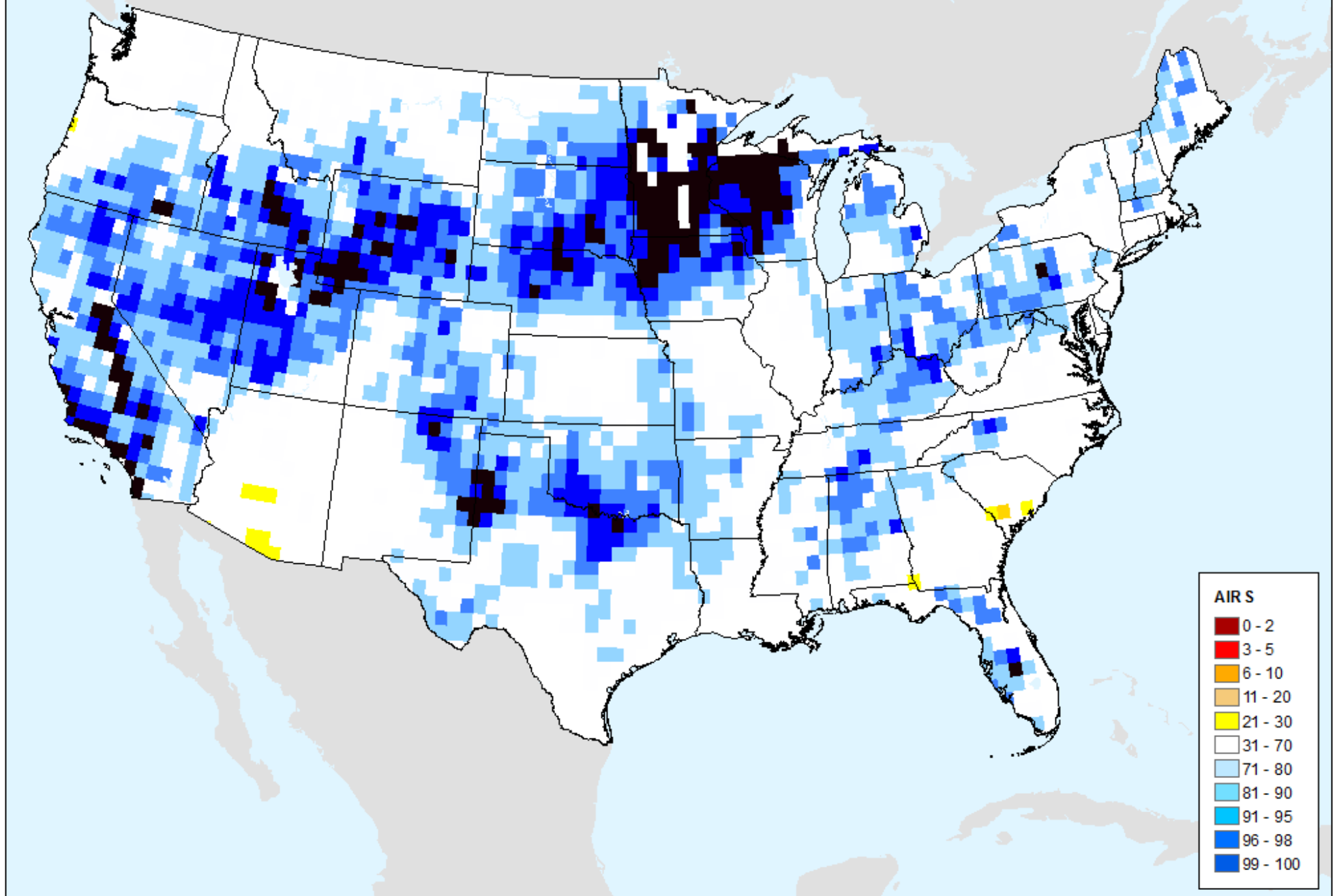
# AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, October 10, 2017

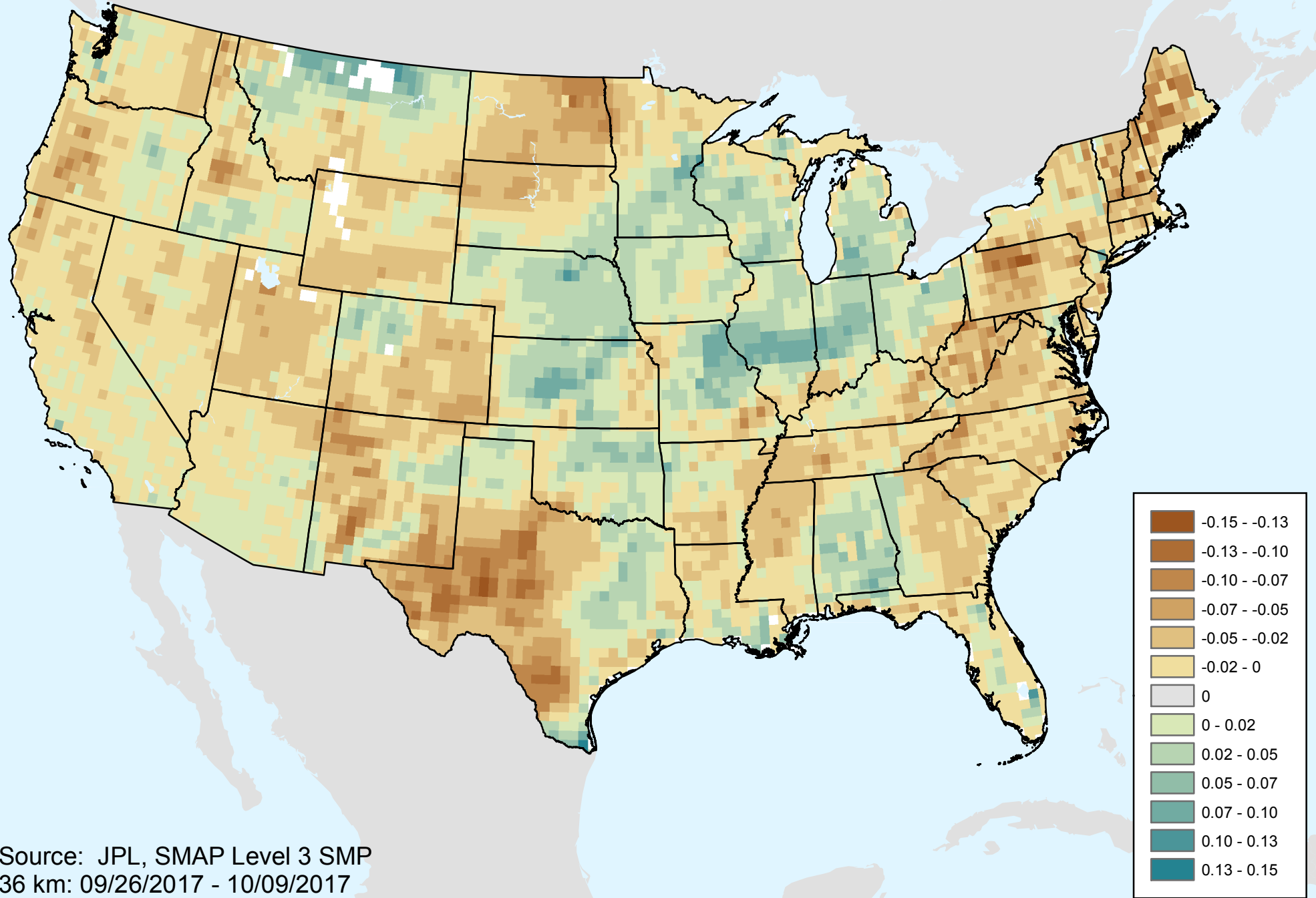


# AIRS-Based Vapor Pressure Deficit 56 Day

As of: Tuesday, October 10, 2017

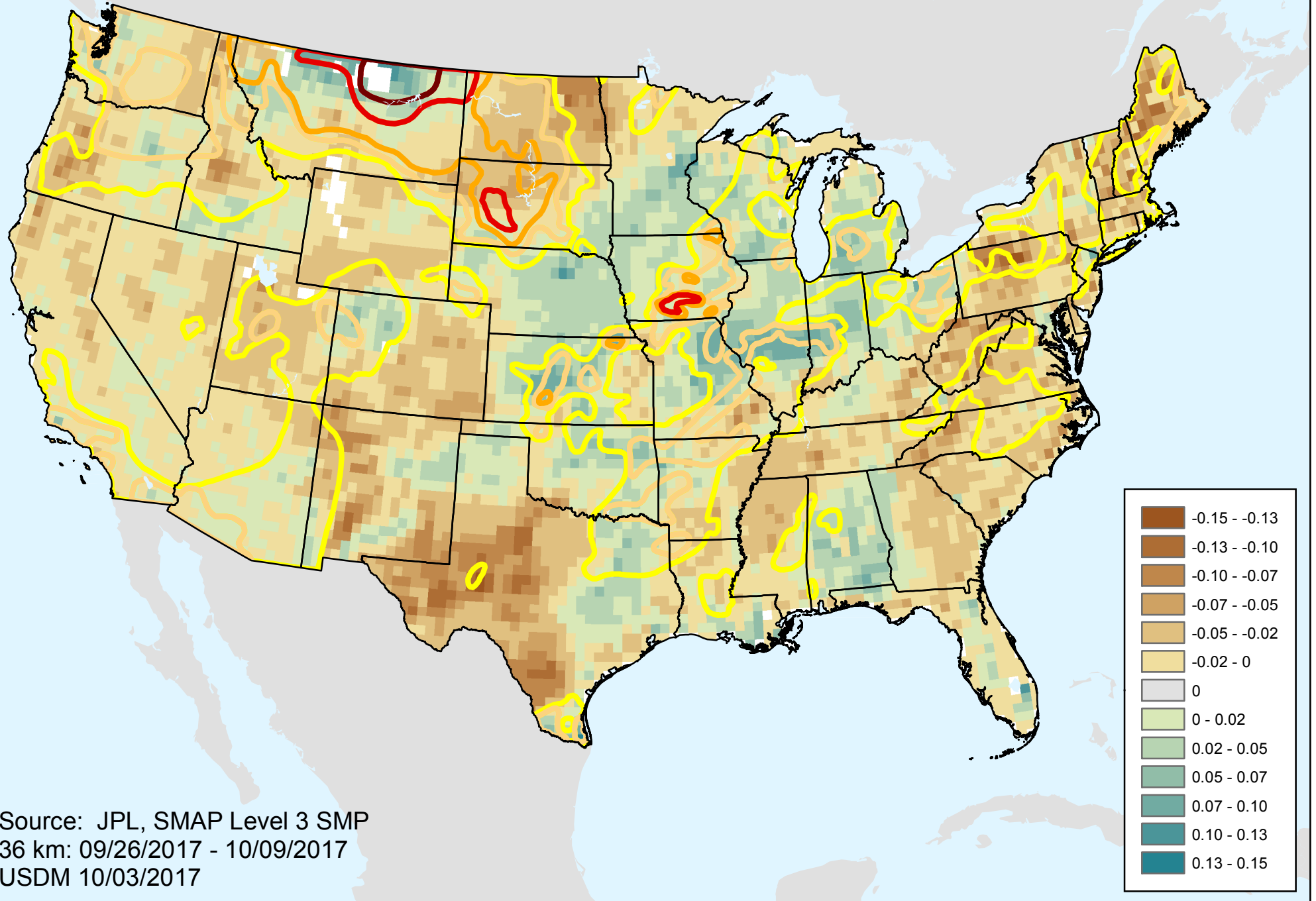


# SMAP 1-Week Change in Soil Moisture 0-5 cm



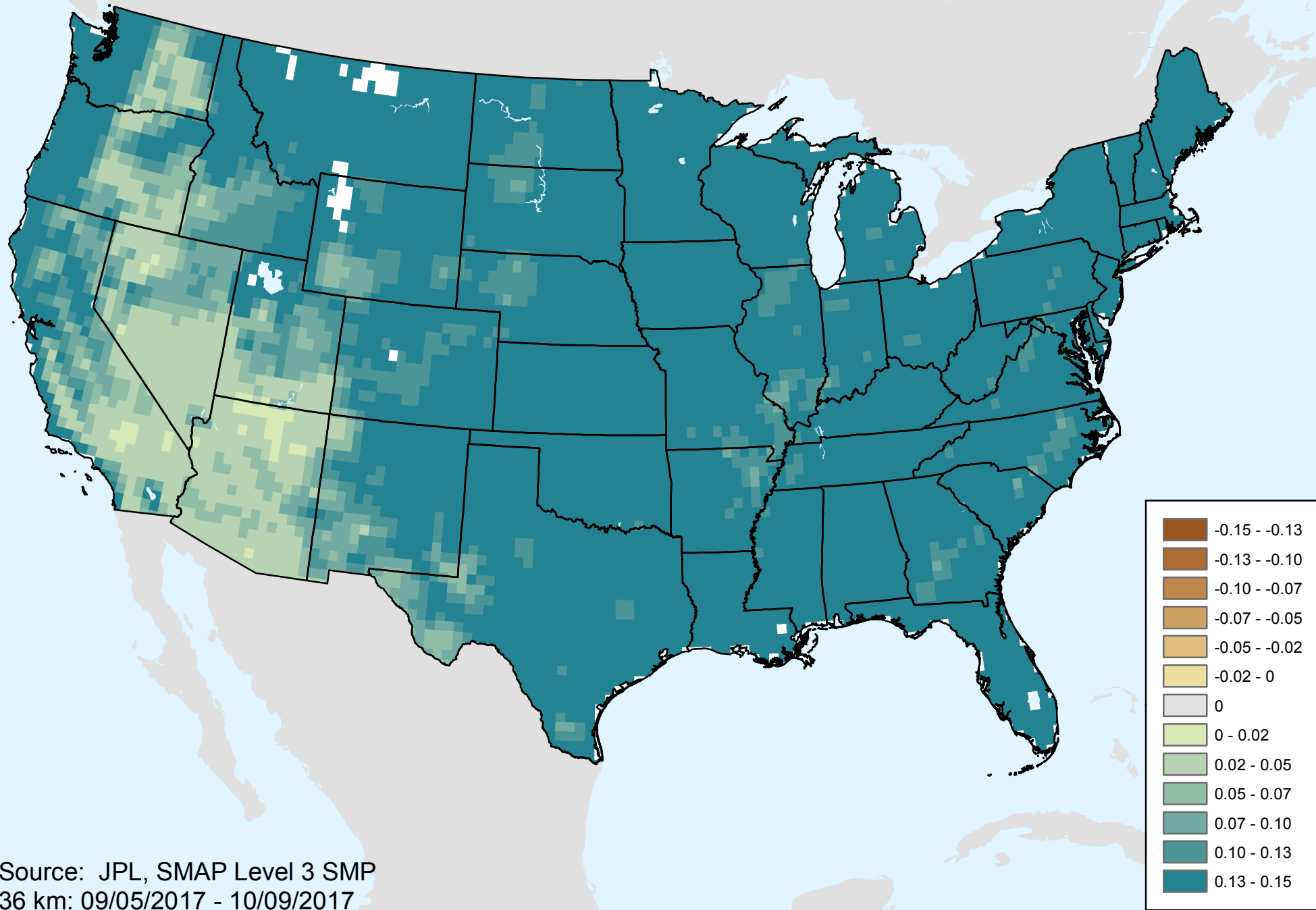
Source: JPL, SMAP Level 3 SMP  
36 km: 09/26/2017 - 10/09/2017

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



Source: JPL, SMAP Level 3 SMP  
36 km: 09/26/2017 - 10/09/2017  
USDM 10/03/2017

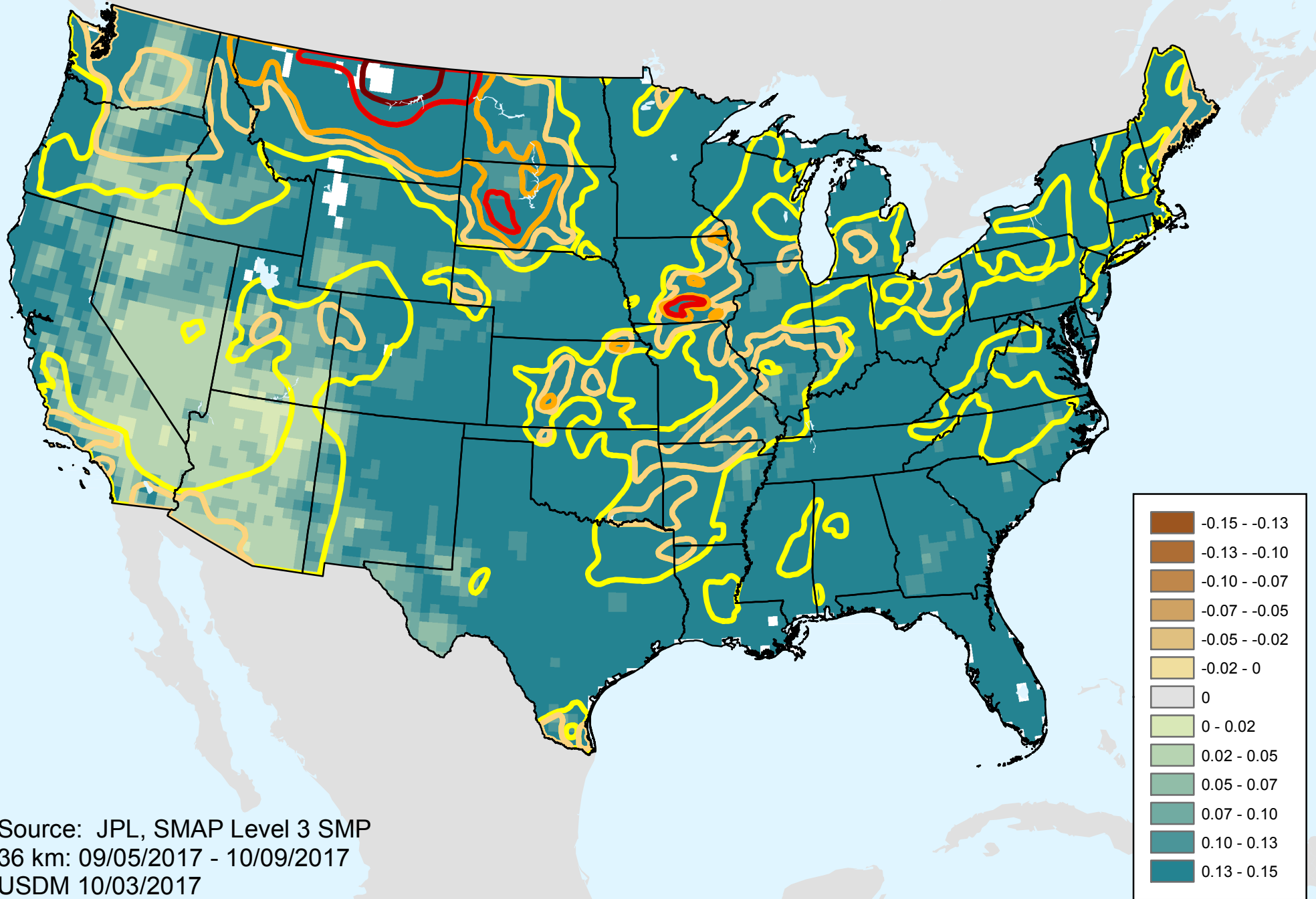
# SMAP 1-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 09/05/2017 - 10/09/2017

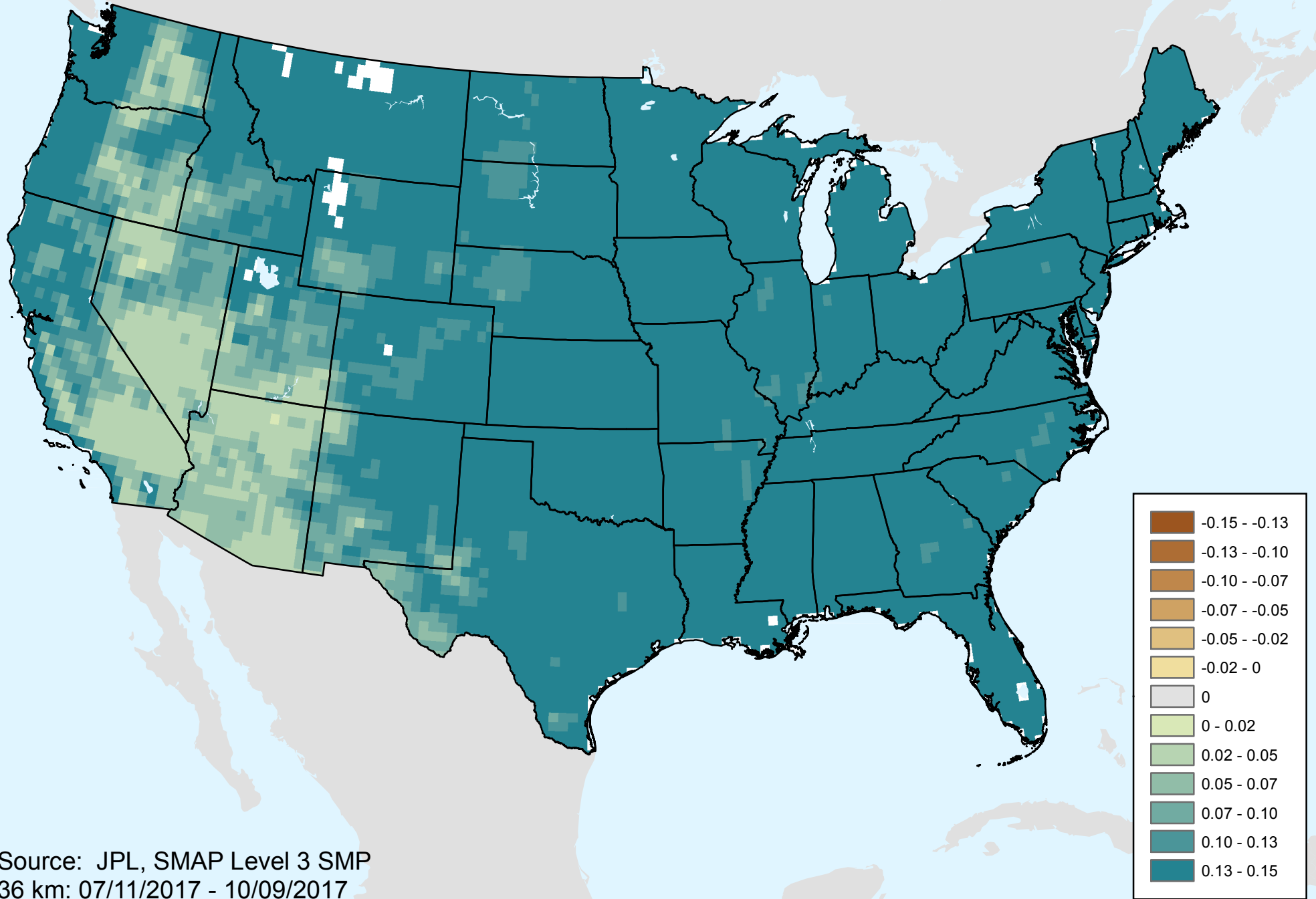


# SMAP 1-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 09/05/2017 - 10/09/2017  
USDM 10/03/2017

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



Source: JPL, SMAP Level 3 SMP  
36 km: 07/11/2017 - 10/09/2017

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

