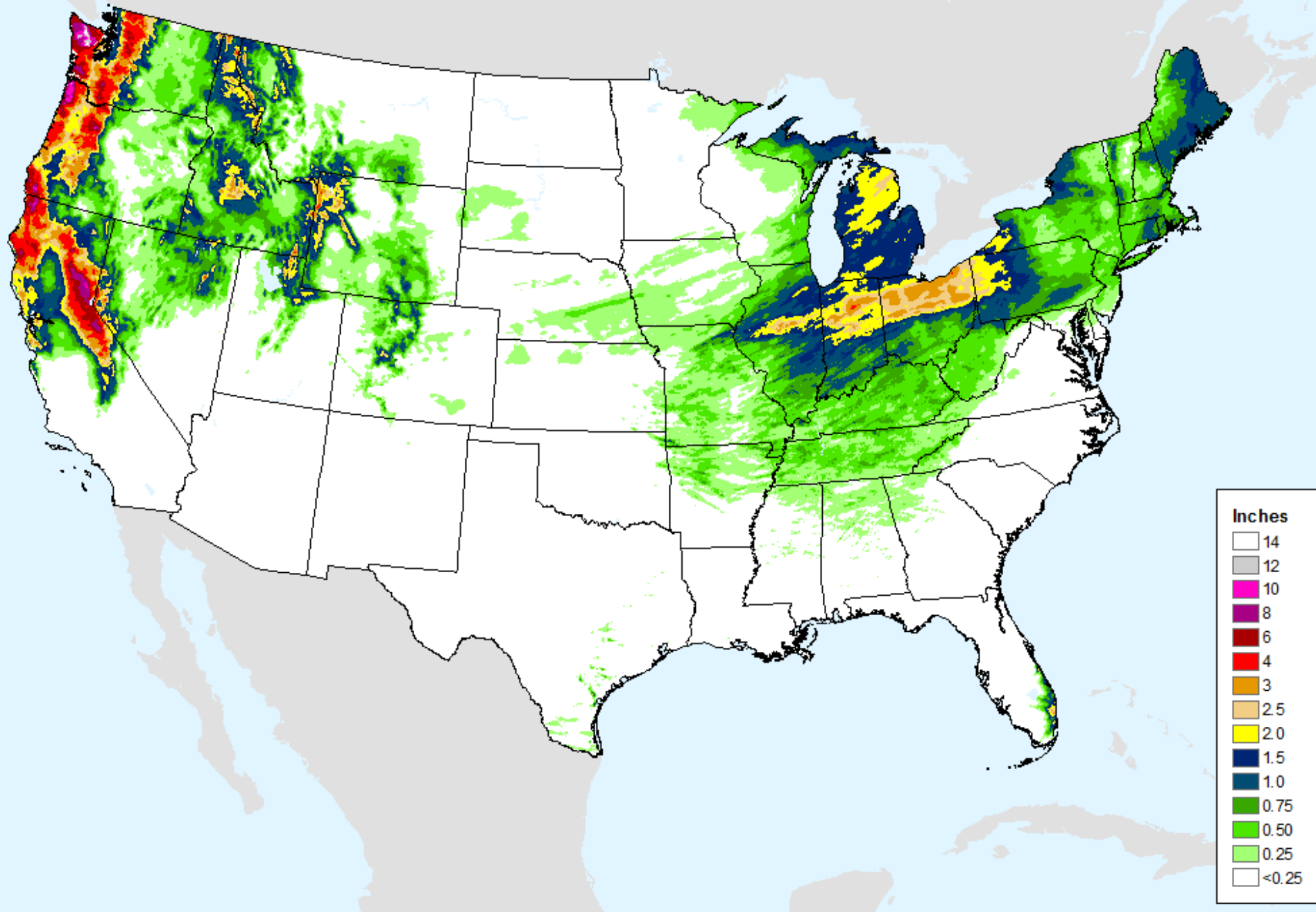


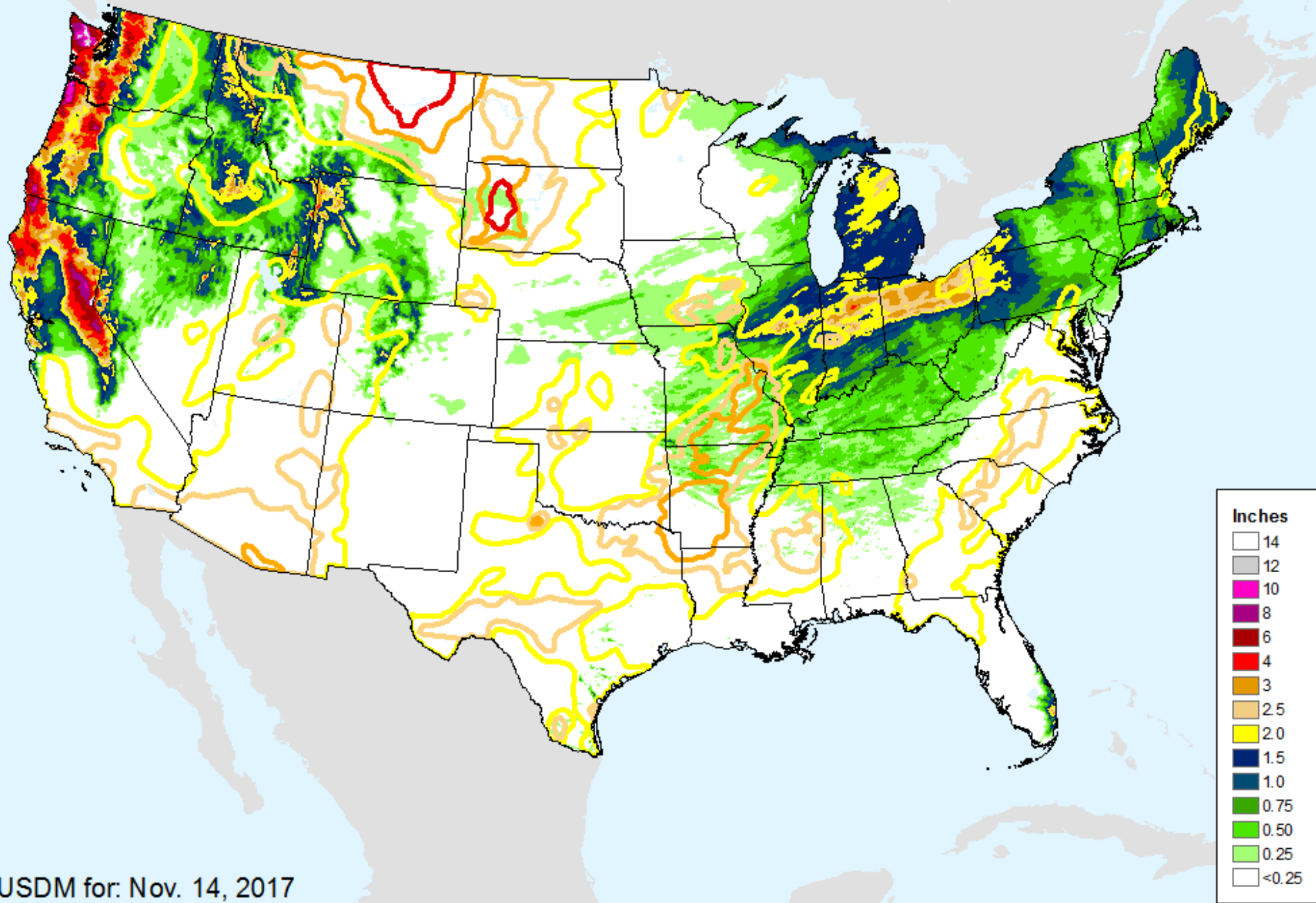
# AHPS 7-Day Precipitation

As of: Tuesday, November 21, 2017



# AHPS 7-Day Precipitation

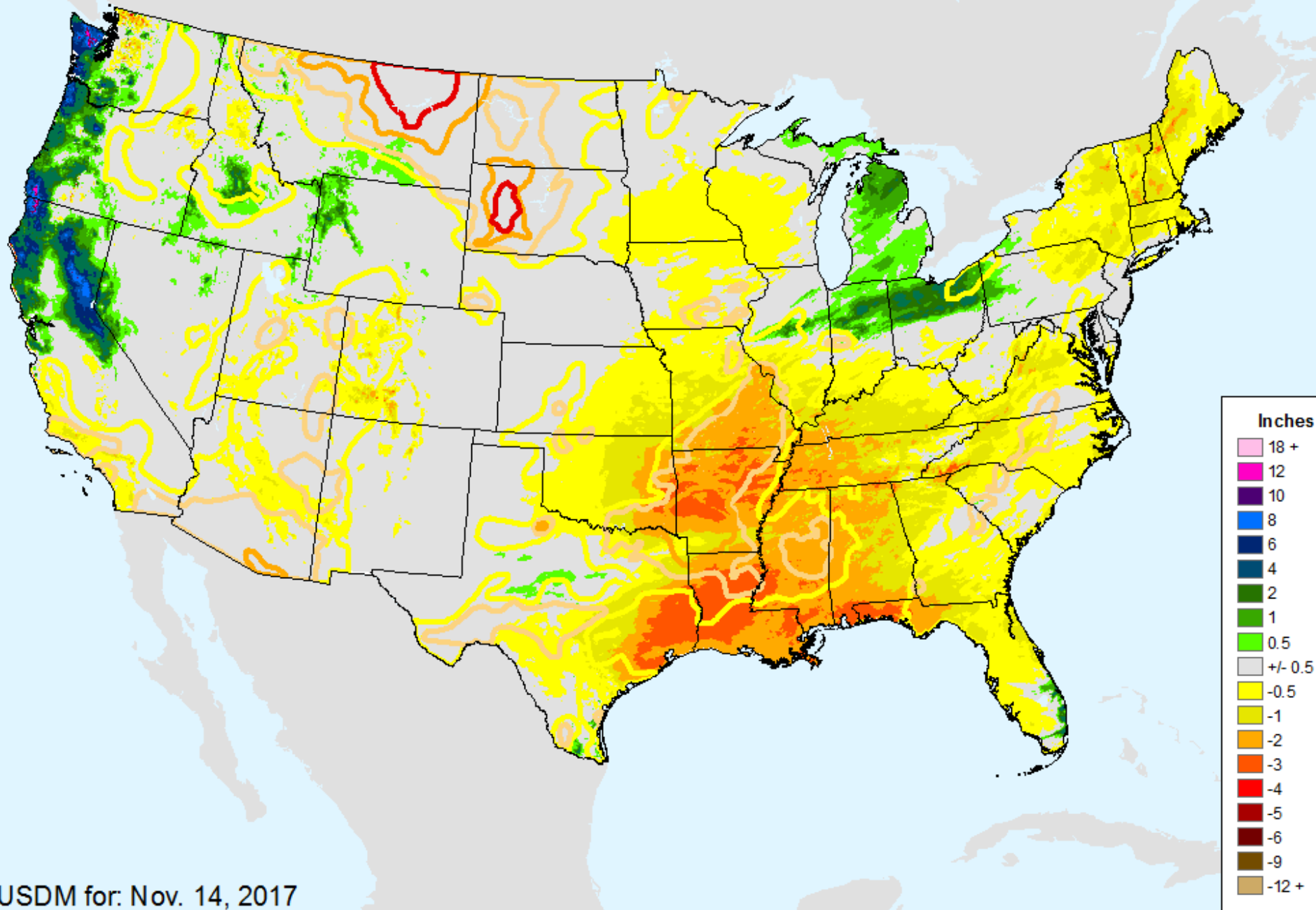
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 14-Day Precip Departure

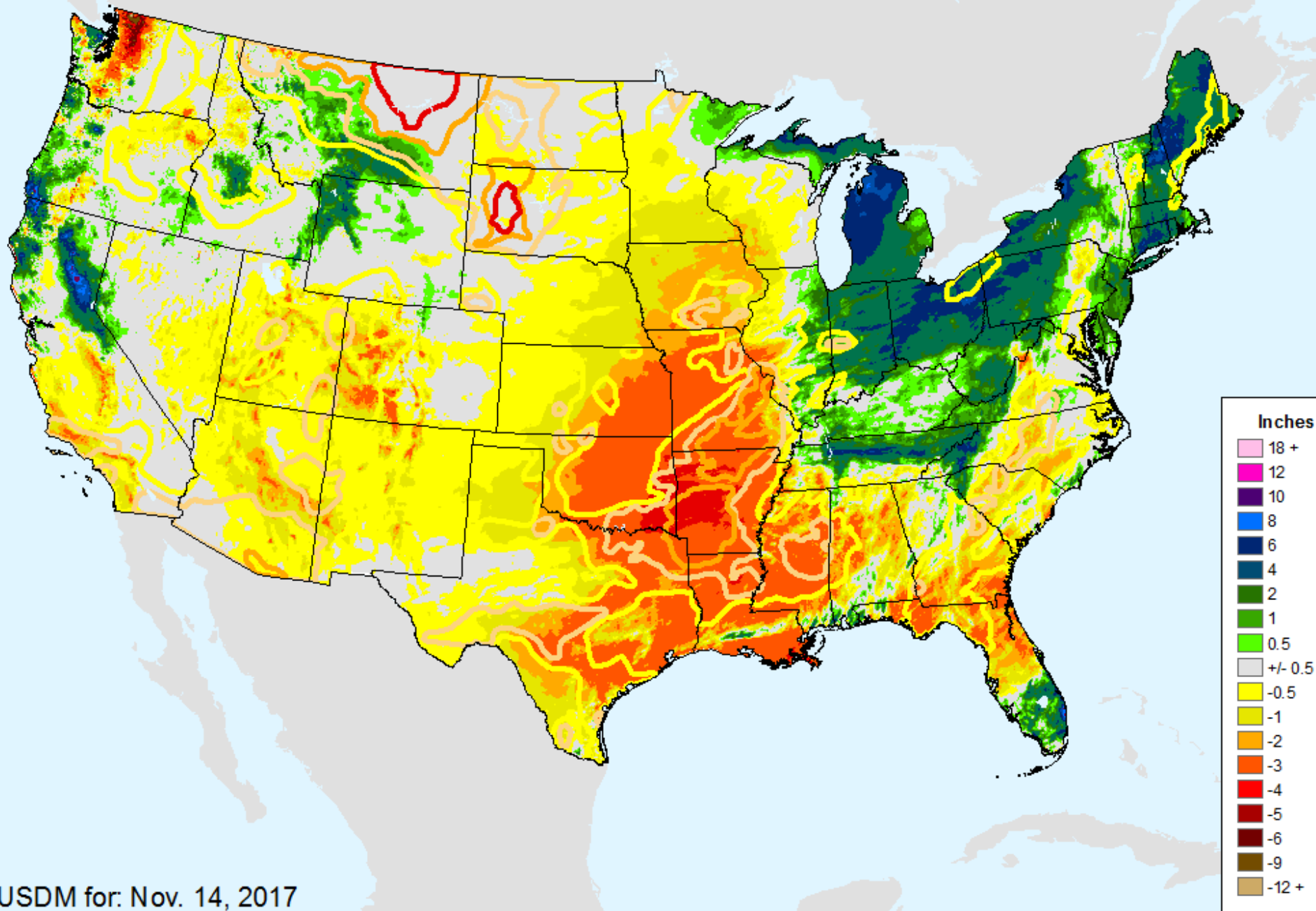
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 30-Day Precip Departure

As of: Tuesday, November 21, 2017

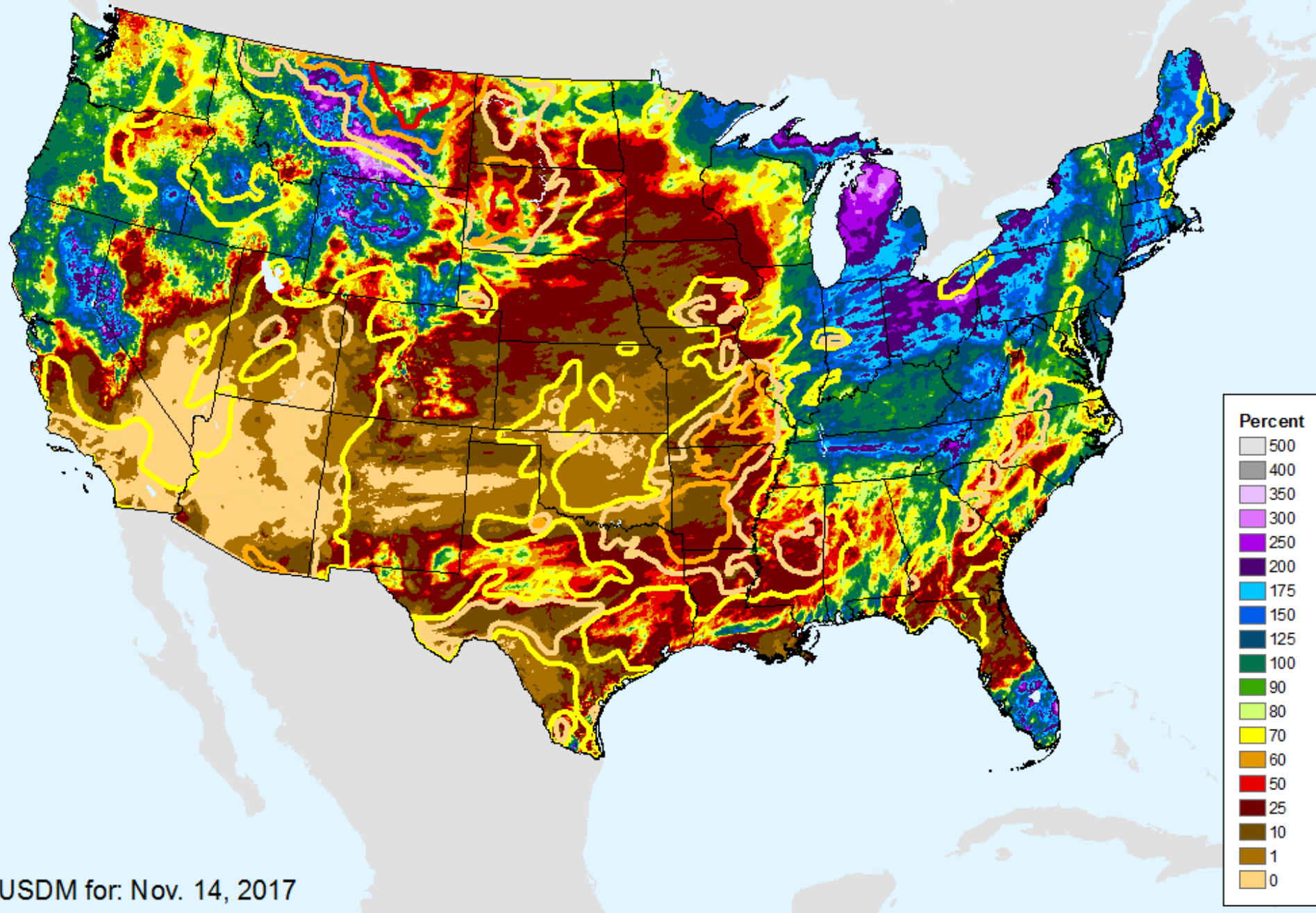


USDM for: Nov. 14, 2017



# AHPS 30-Day Pct of Normal Pcp

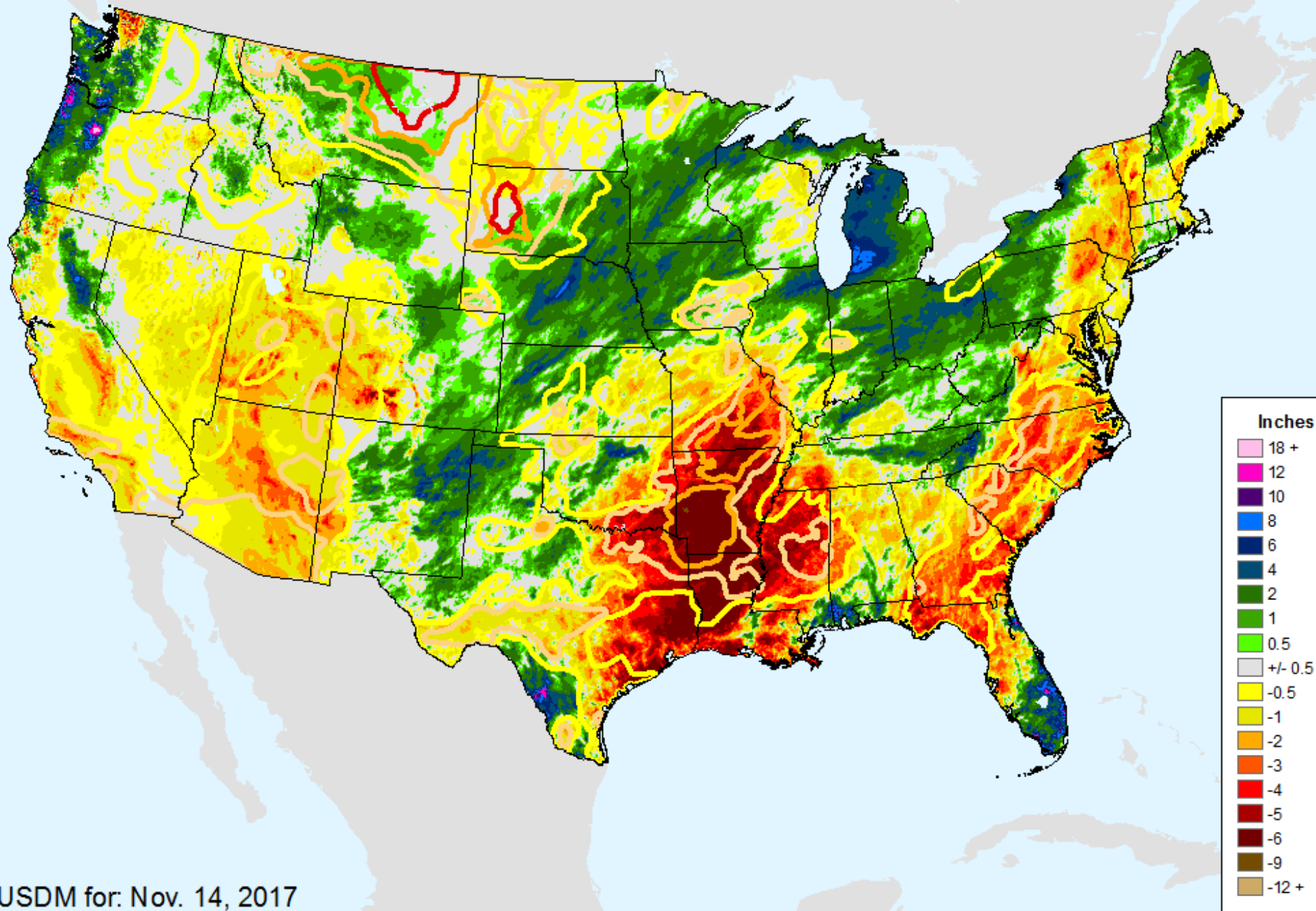
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 60-Day Precip Departure

As of: Tuesday, November 21, 2017

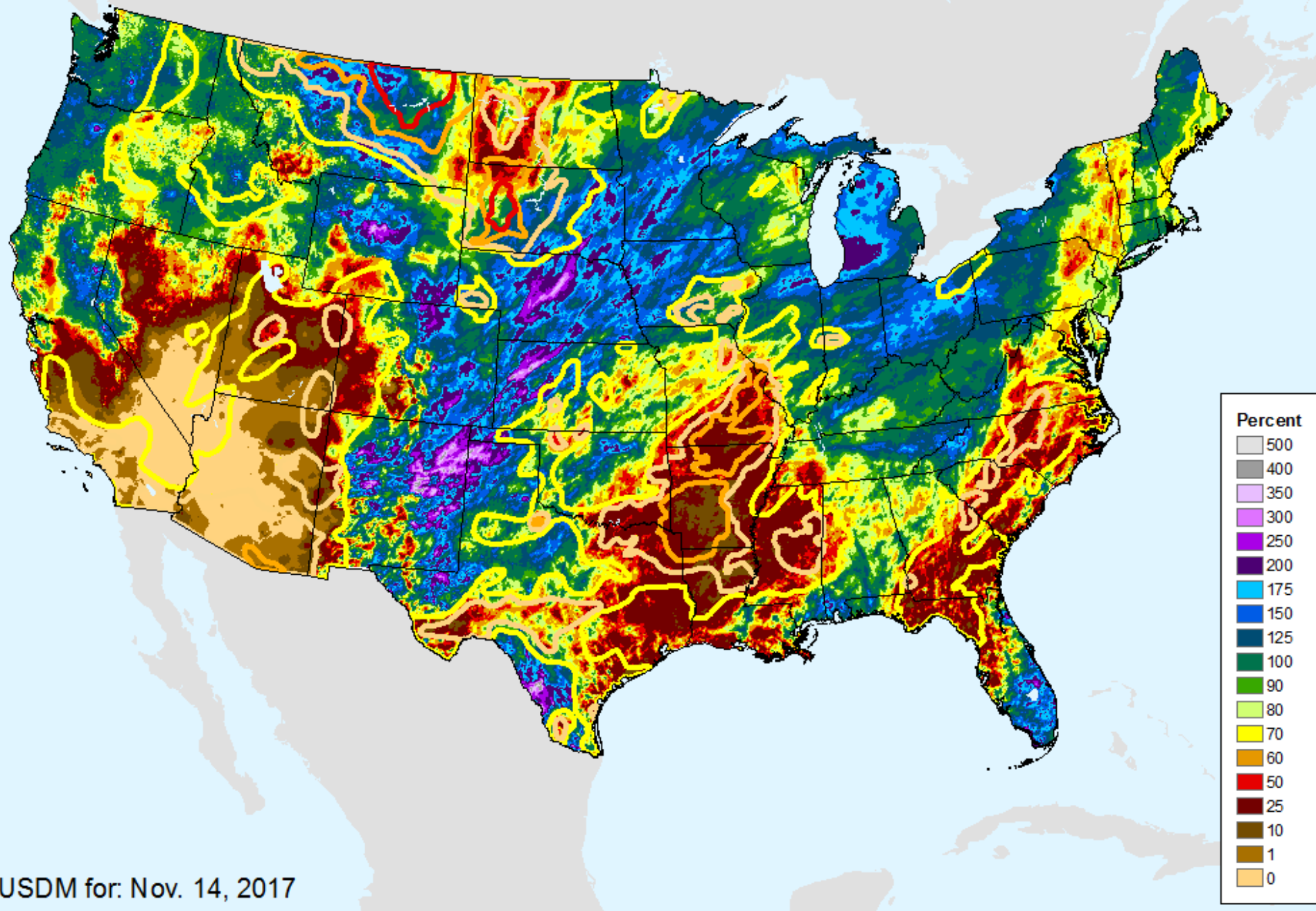


USDM for: Nov. 14, 2017



# AHPS 60-Day Pct of Normal Pcp

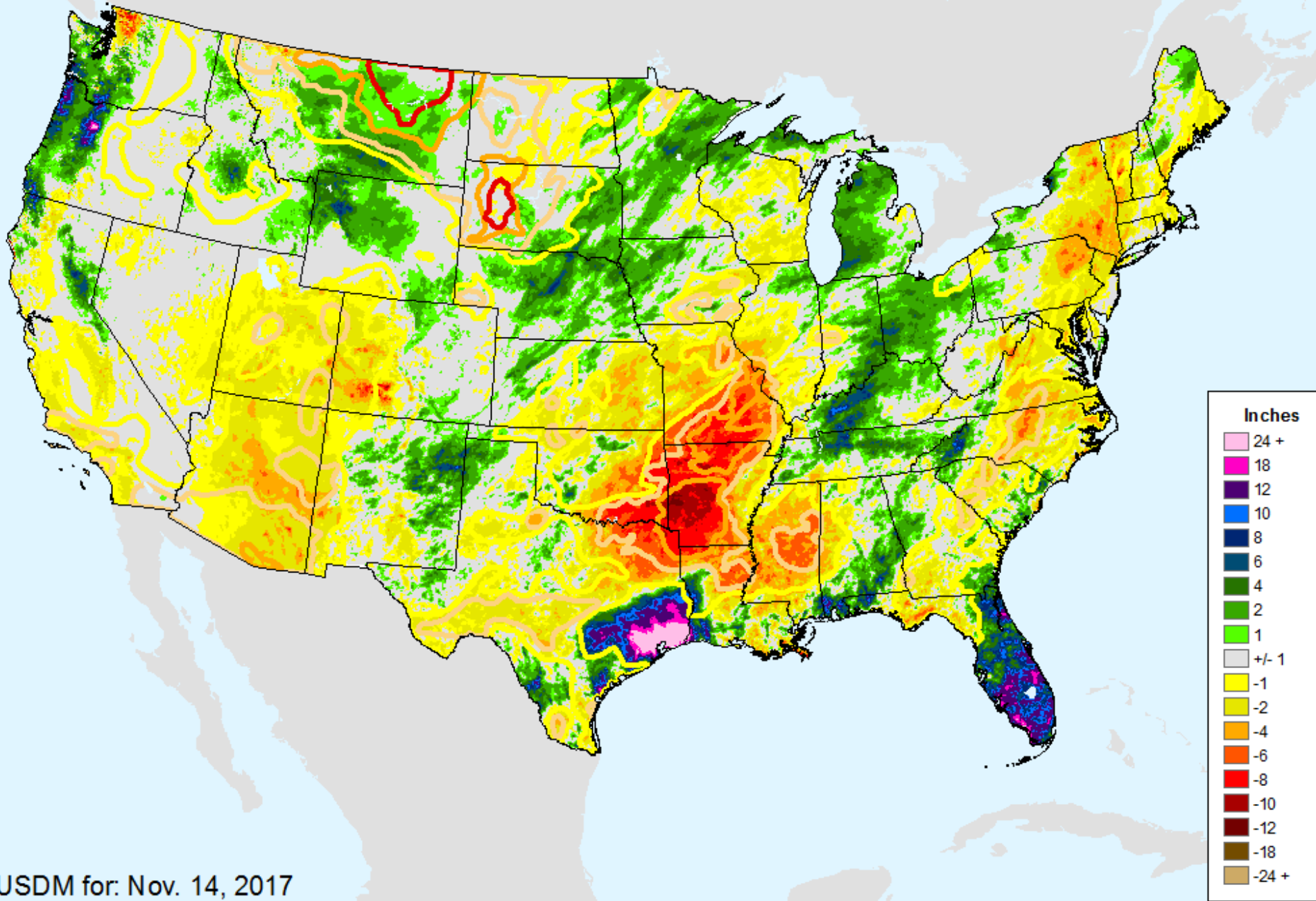
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 90-Day Precip Departure

As of: Tuesday, November 21, 2017

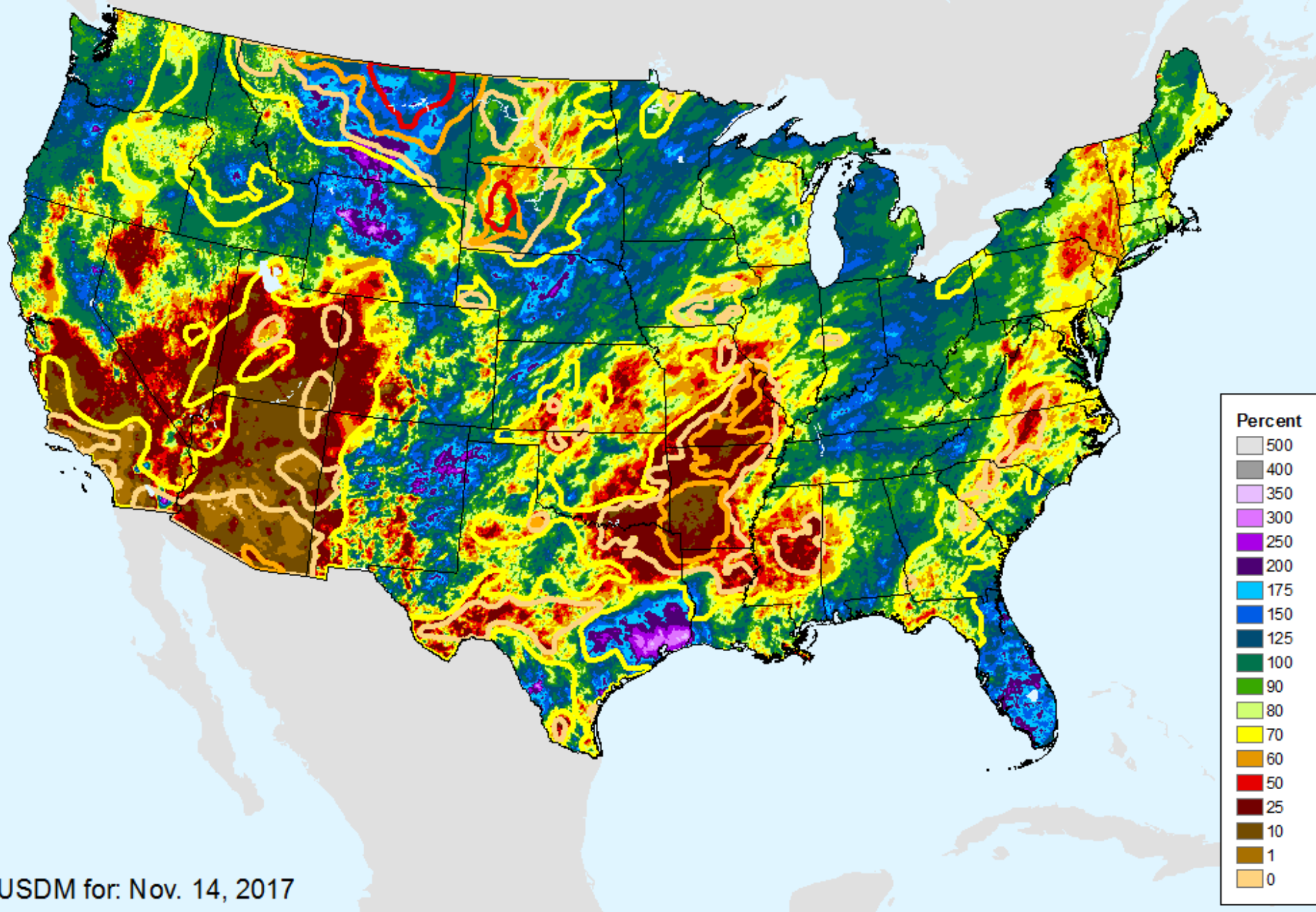


USDM for: Nov. 14, 2017



# AHPS 90-Day Pct of Normal Pcp

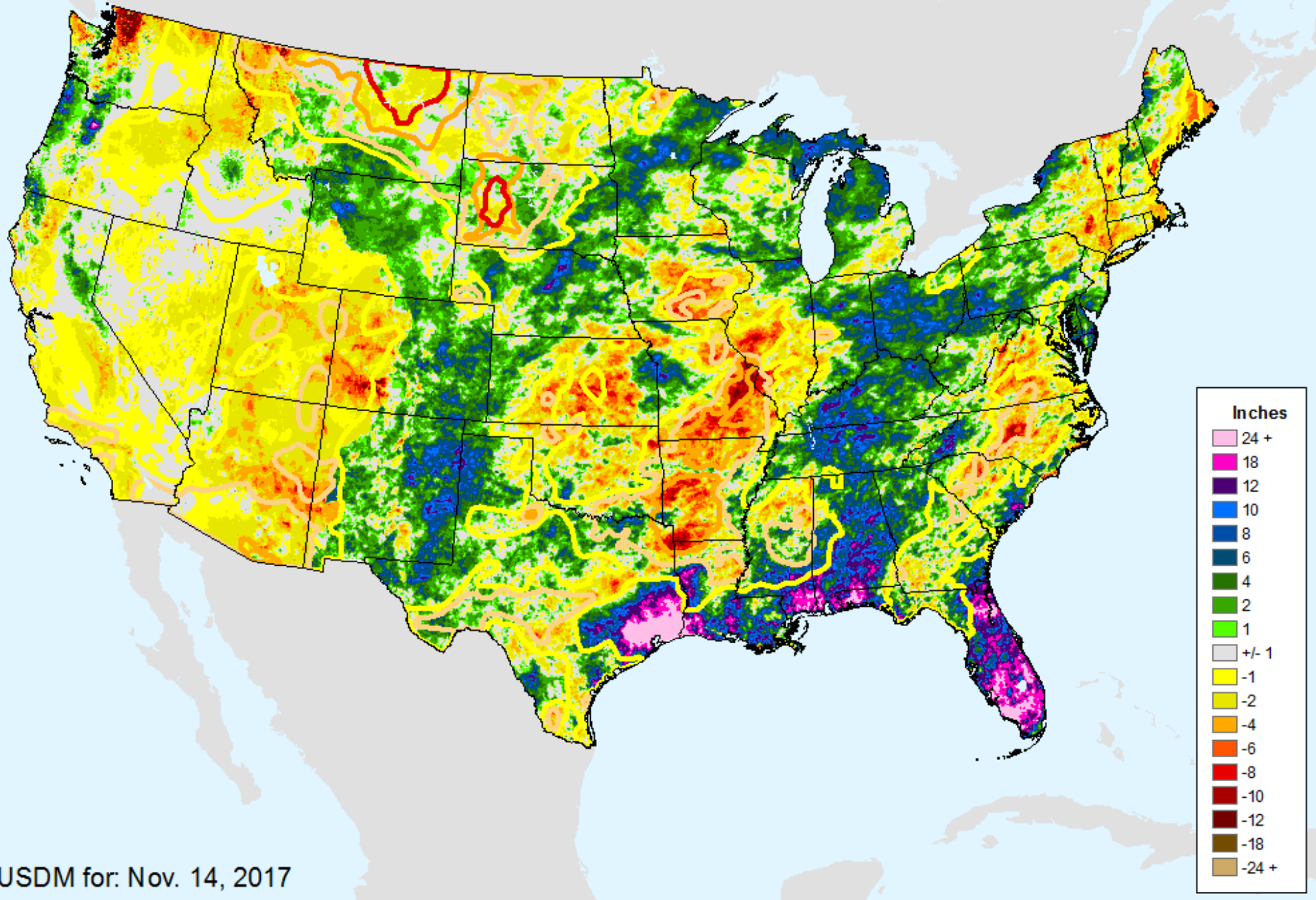
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 180-Day Precip Departure

As of: Tuesday, November 21, 2017

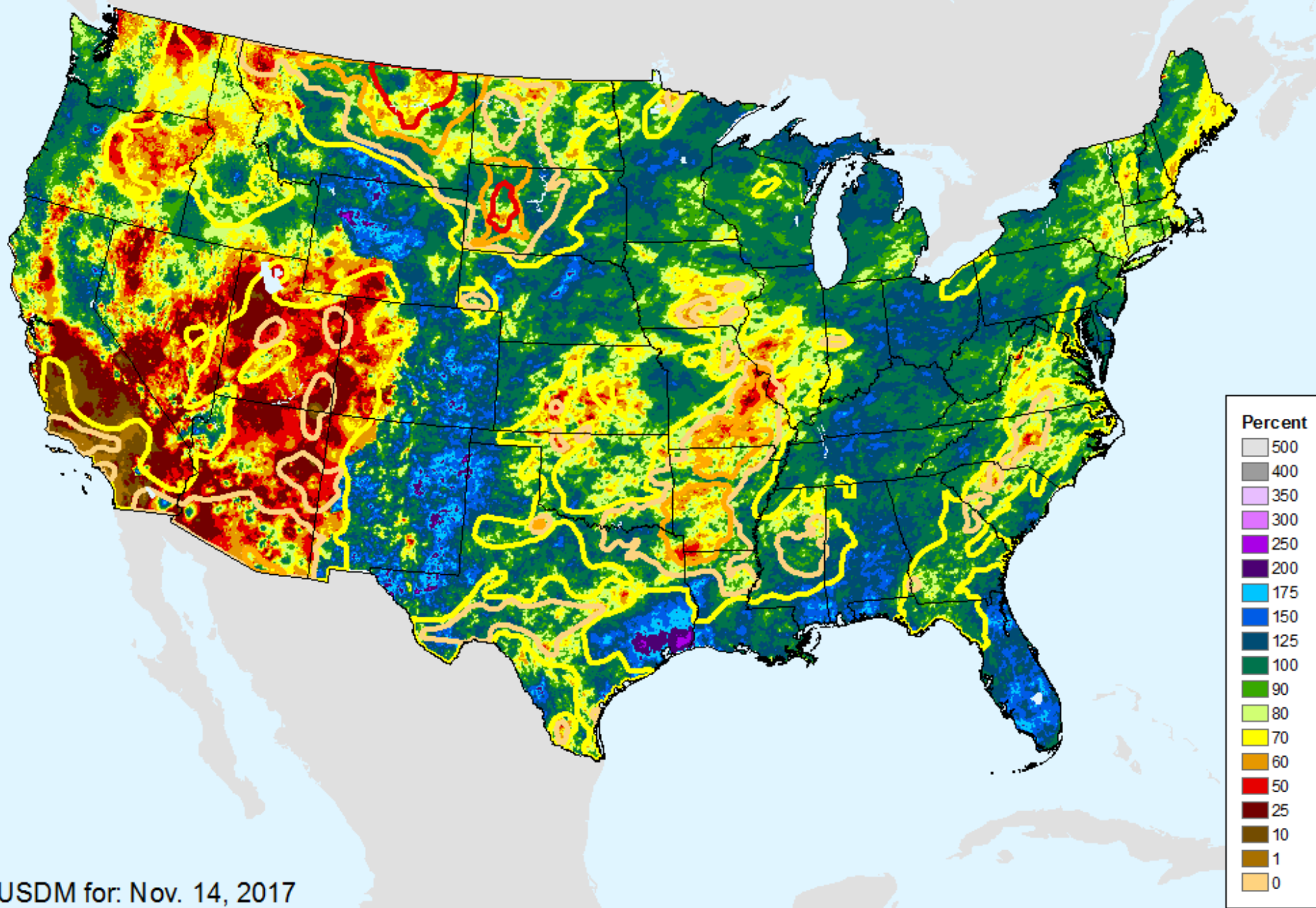


USDM for: Nov. 14, 2017



# AHPS 180-Day Pct of Normal Pcp

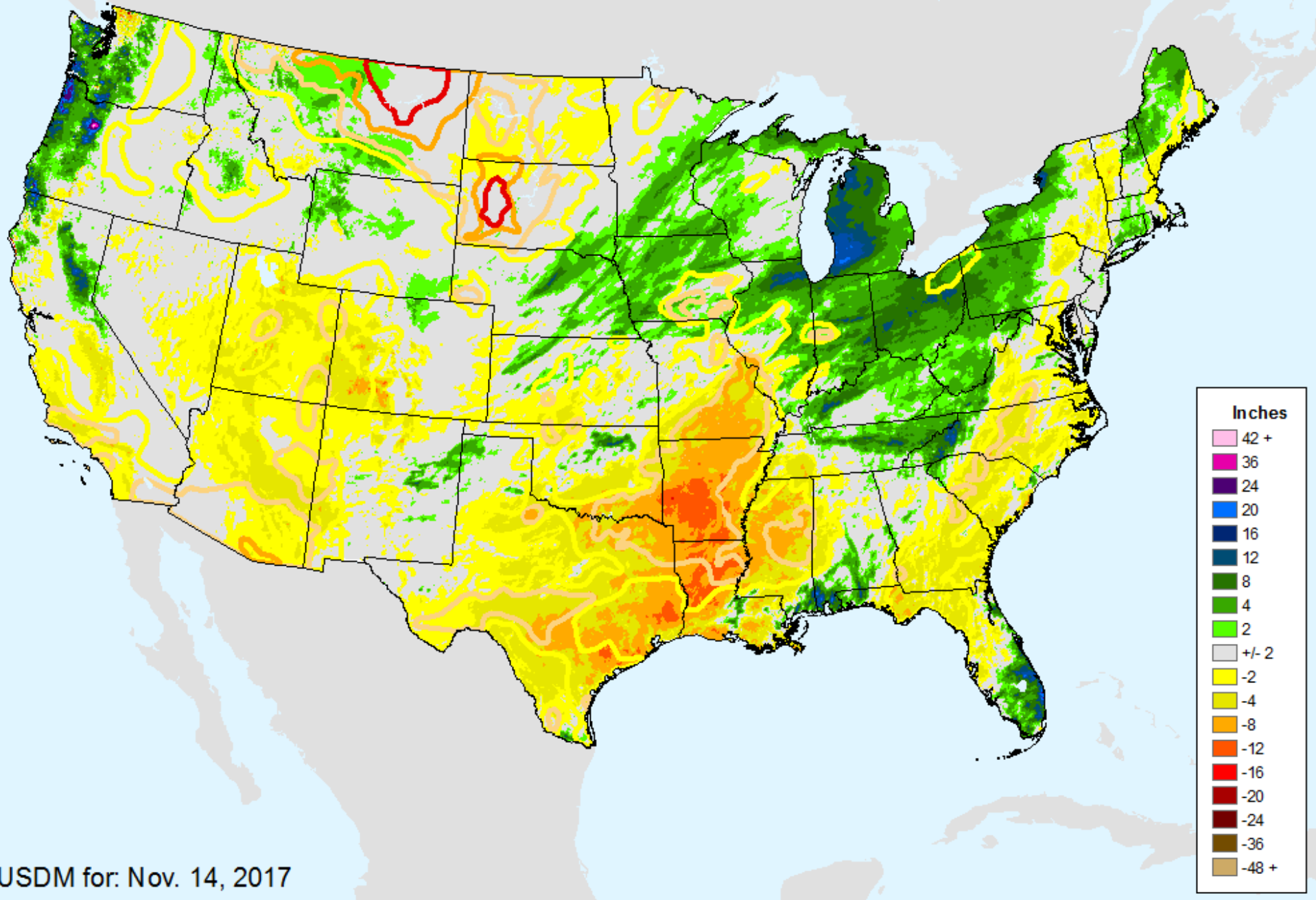
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS Water-Year Precip Departure

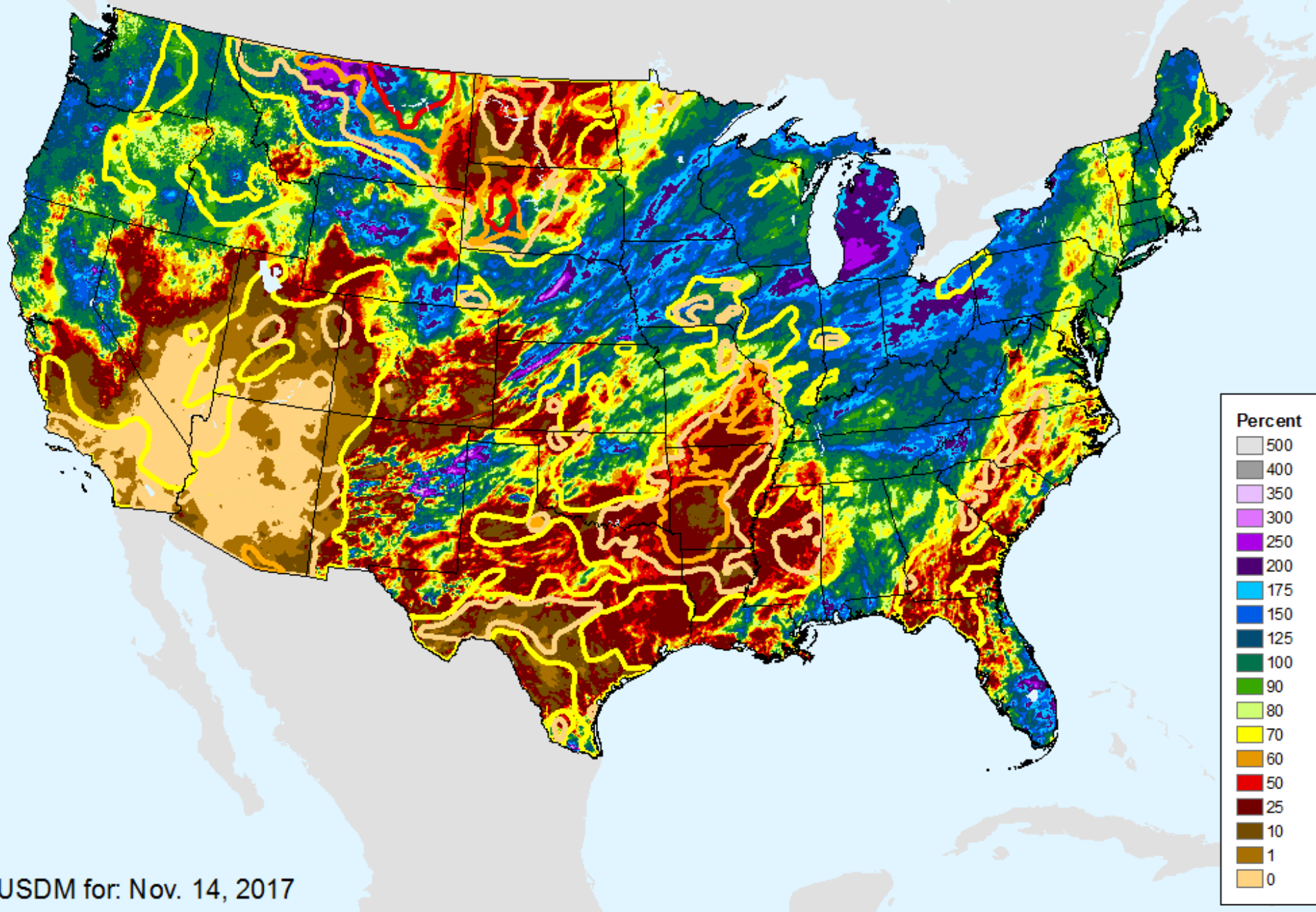
As of: Tuesday, November 21, 2017





# AHPS Water-Year Pct of Normal Pcp

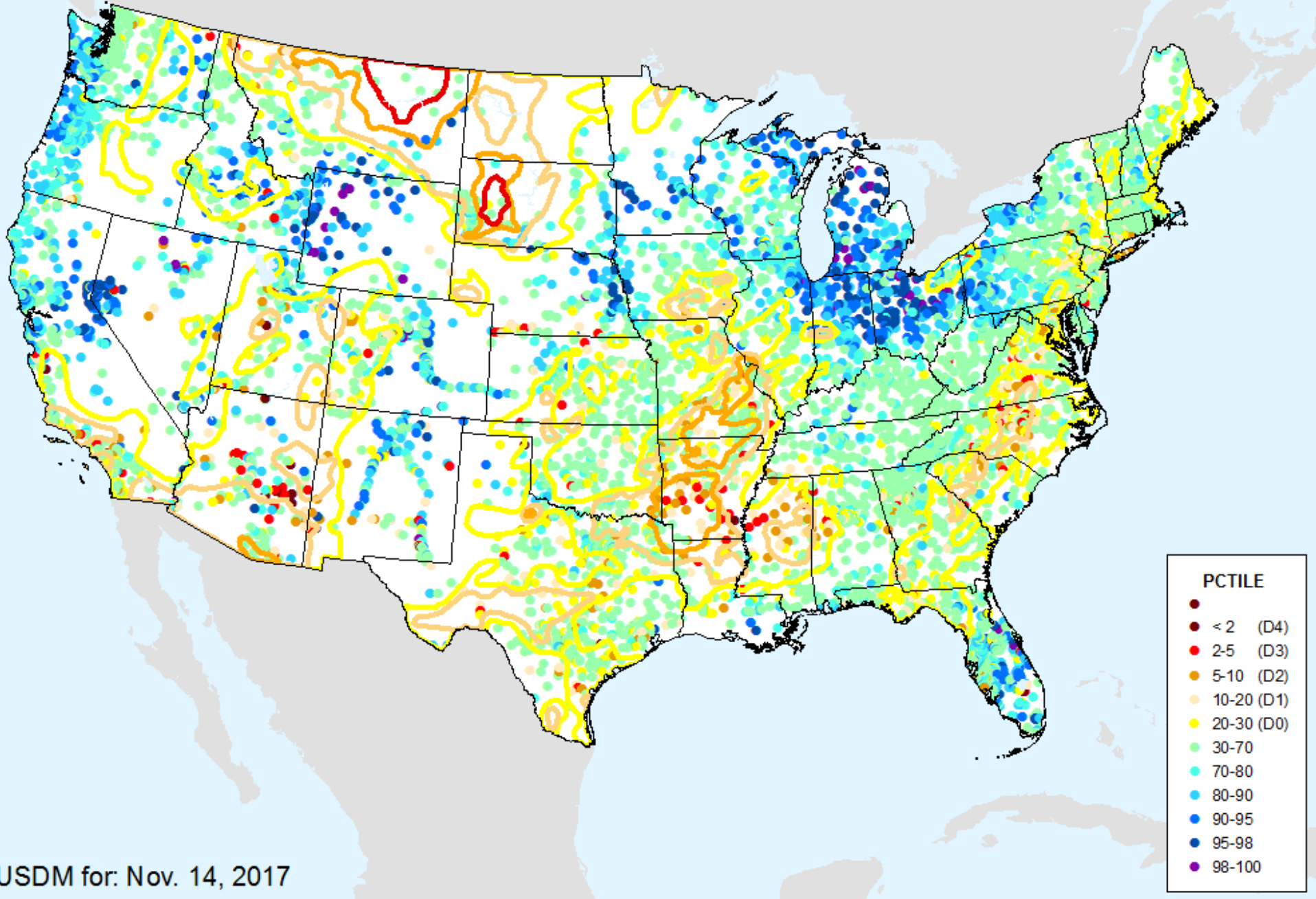
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# USGS 7-Day Avg Streamflow

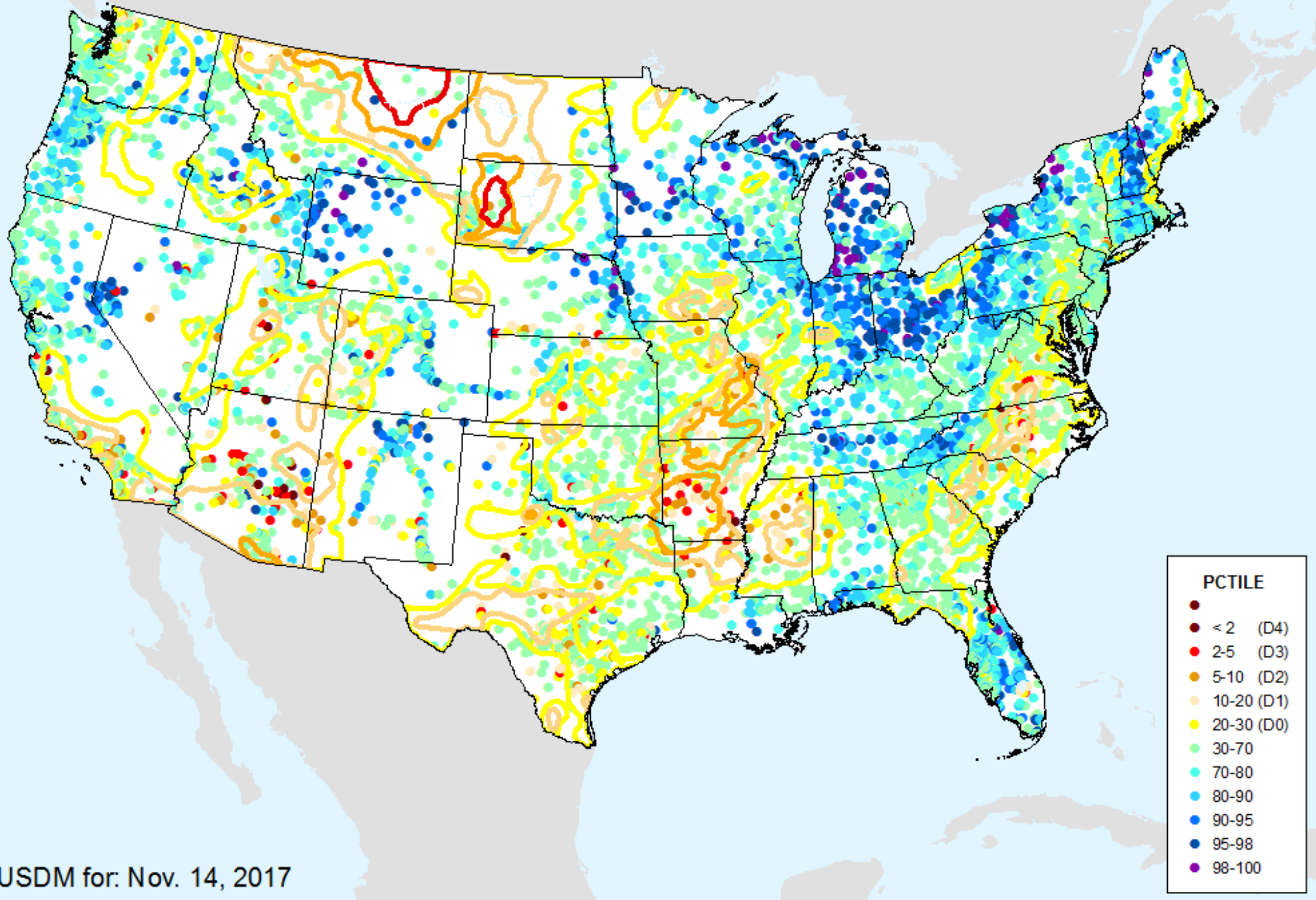
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# USGS 28-Day Avg Streamflow

As of: Tuesday, November 21, 2017

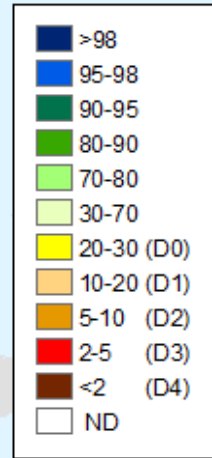
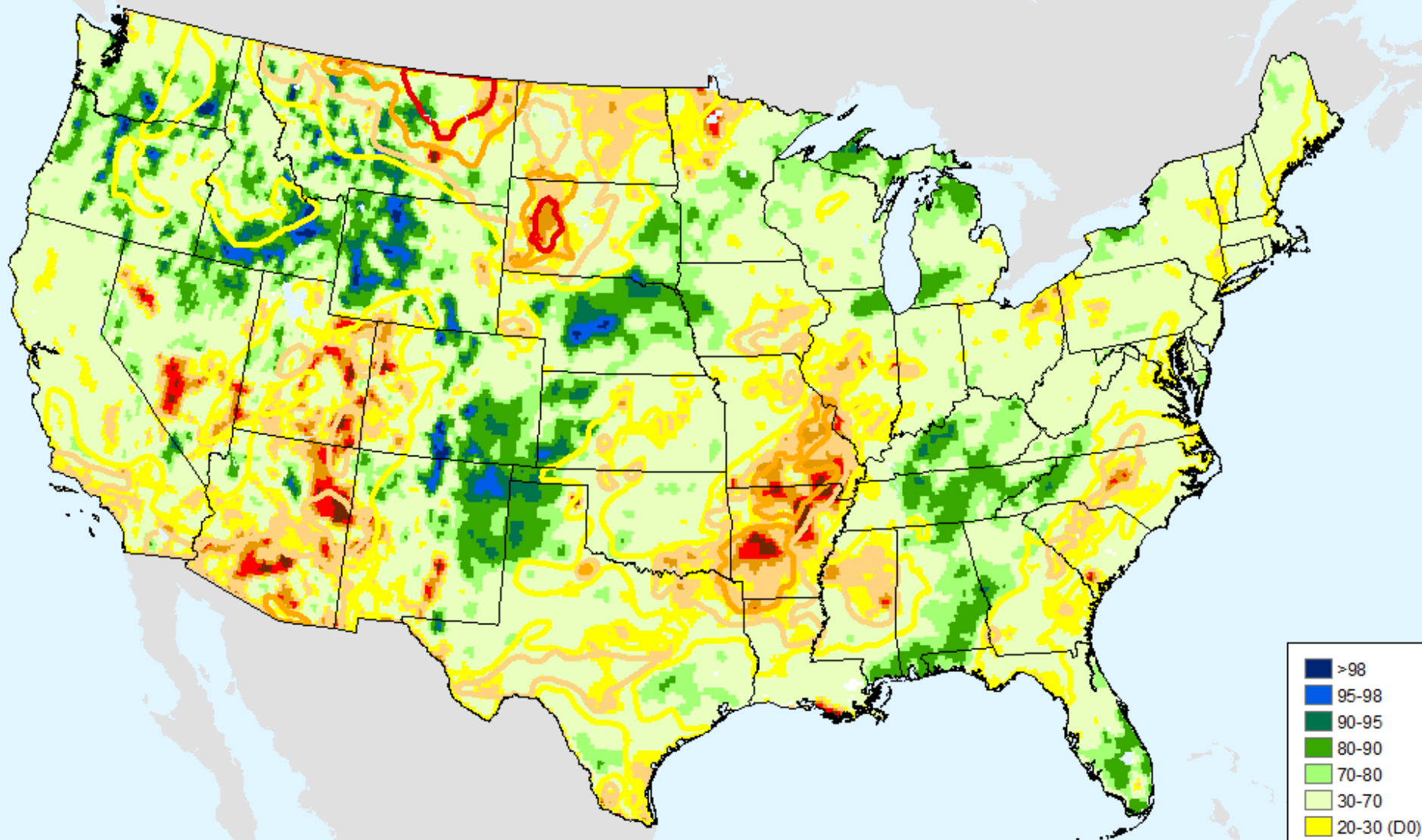


USDM for: Nov. 14, 2017



# NLDAS Top 1m Soil Moisture

As of: Tuesday, November 21, 2017

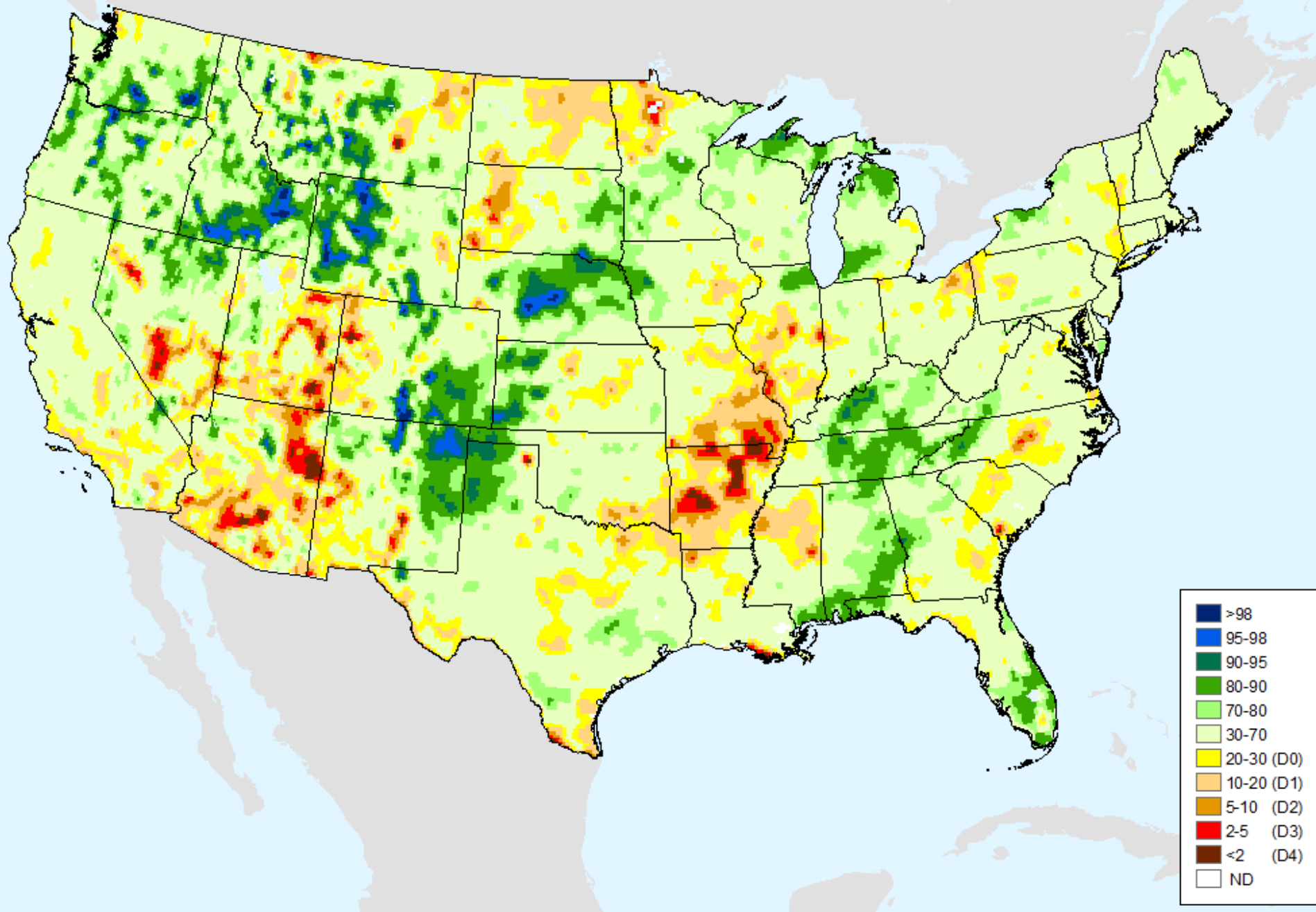


USDM for: Nov. 14, 2017



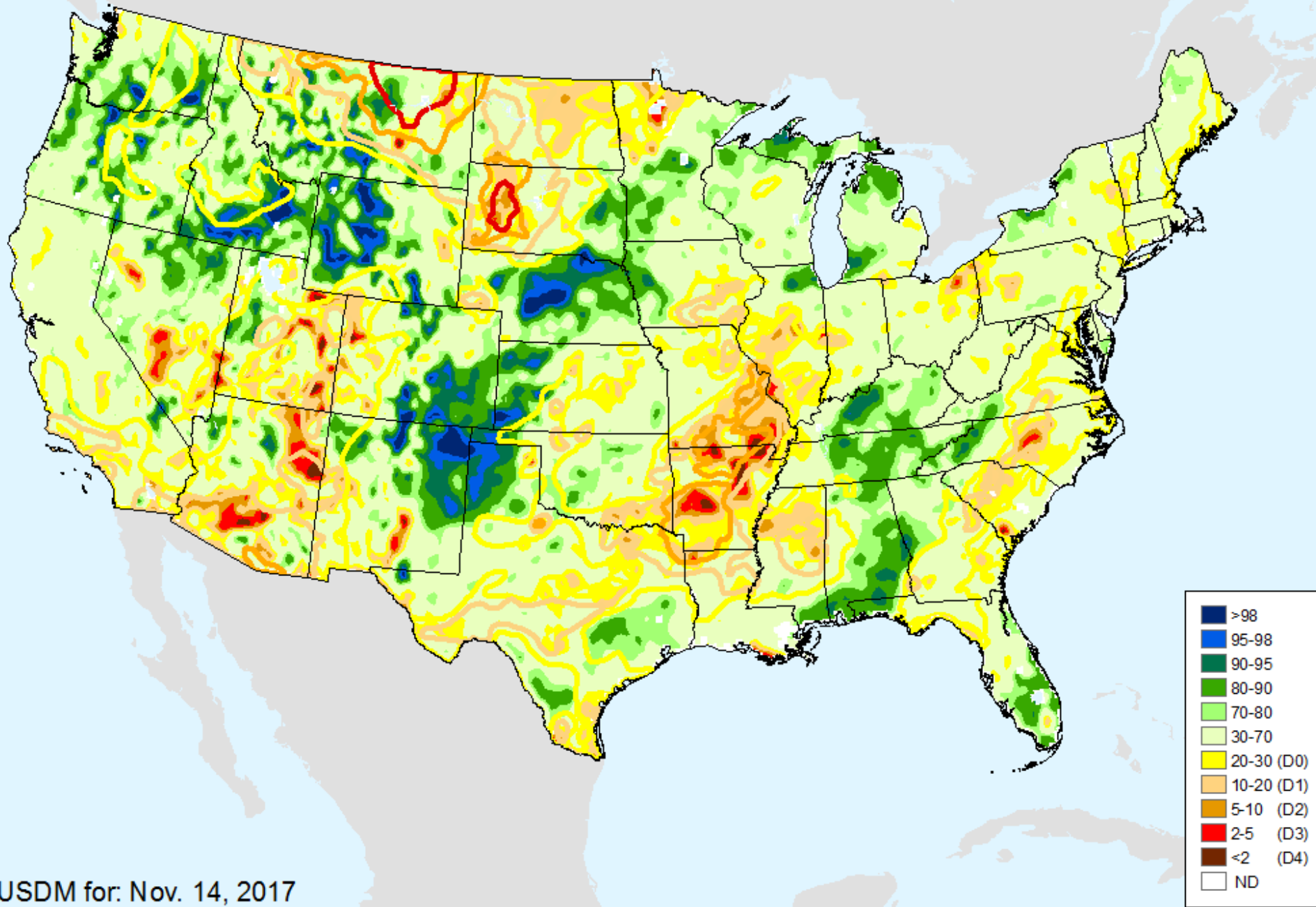
# NLDAS Top 1m Soil Moisture

As of: Tuesday, November 21, 2017



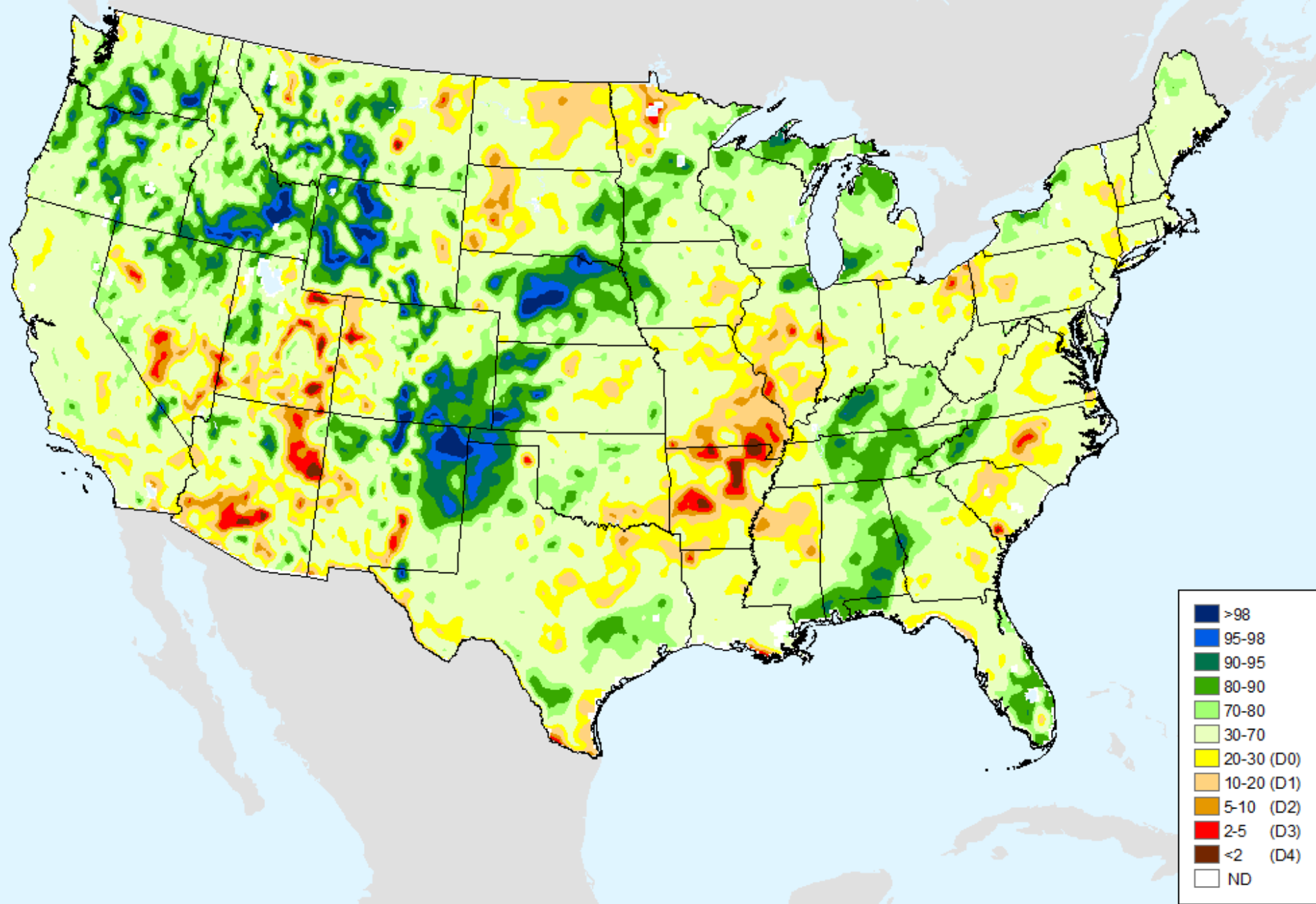
# NLDAS Total Column Soil Moisture

As of: Tuesday, November 21, 2017



# NLDAS Total Column Soil Moisture

As of: Tuesday, November 21, 2017

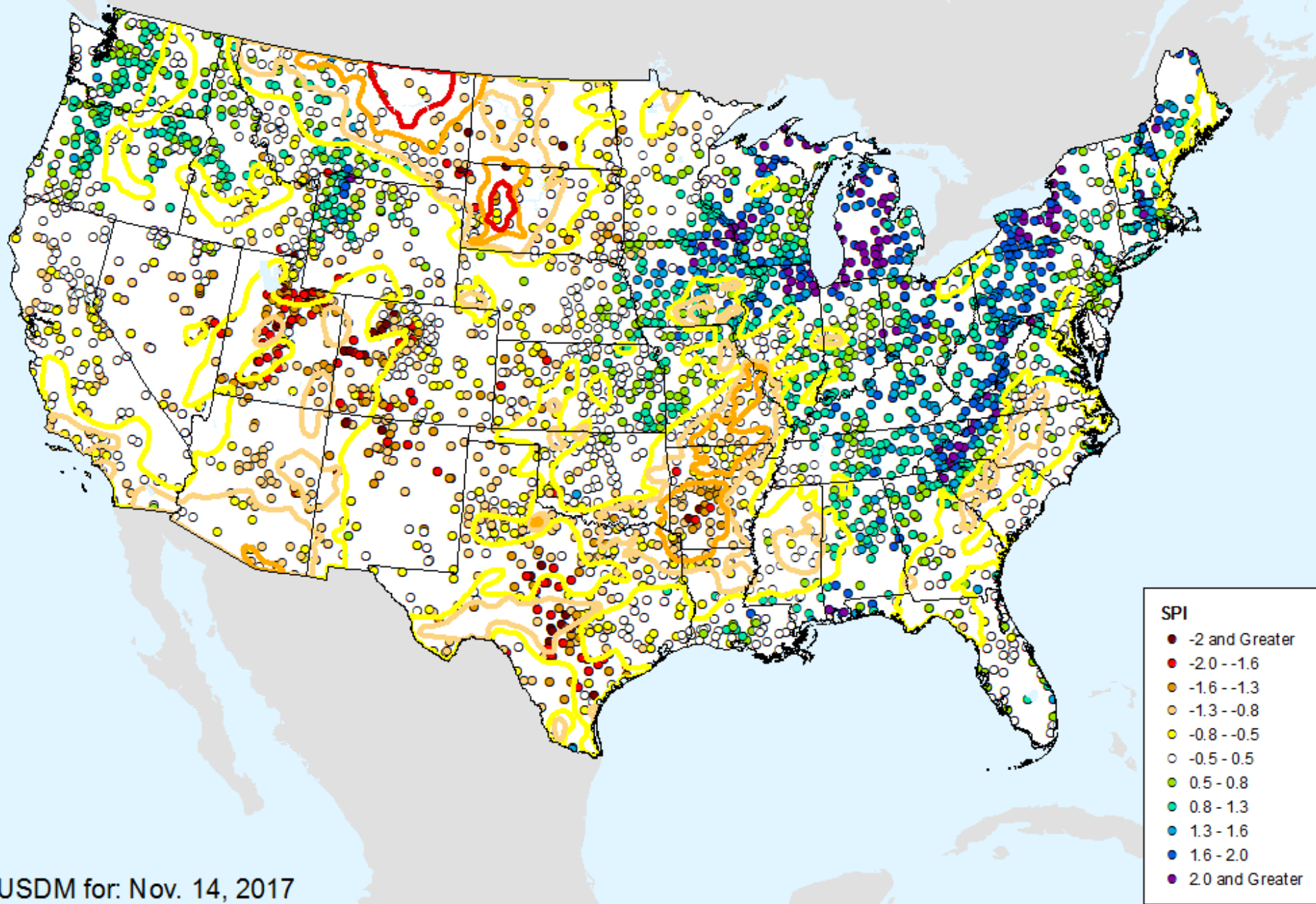


Dark Blue	>98
Blue	95-98
Dark Green	90-95
Green	80-90
Light Green	70-80
Yellow-Green	30-70
Yellow	20-30 (D0)
Orange	10-20 (D1)
Brown	5-10 (D2)
Red	2-5 (D3)
Dark Red	<2 (D4)
White	ND



# HPRCC 1-month SPI

As of: Tuesday, November 21, 2017

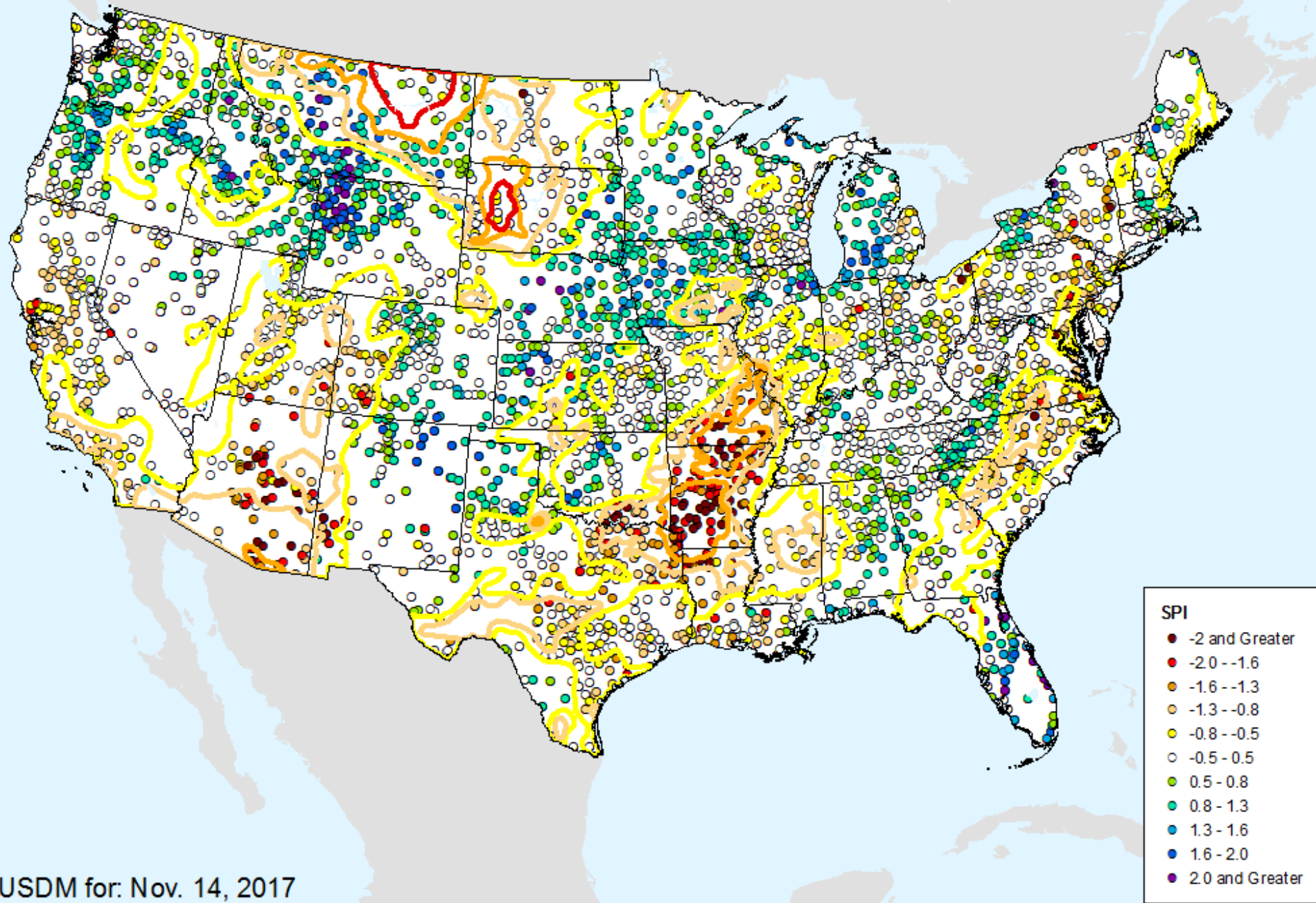


USDM for: Nov. 14, 2017



# HPRCC 2-month SPI

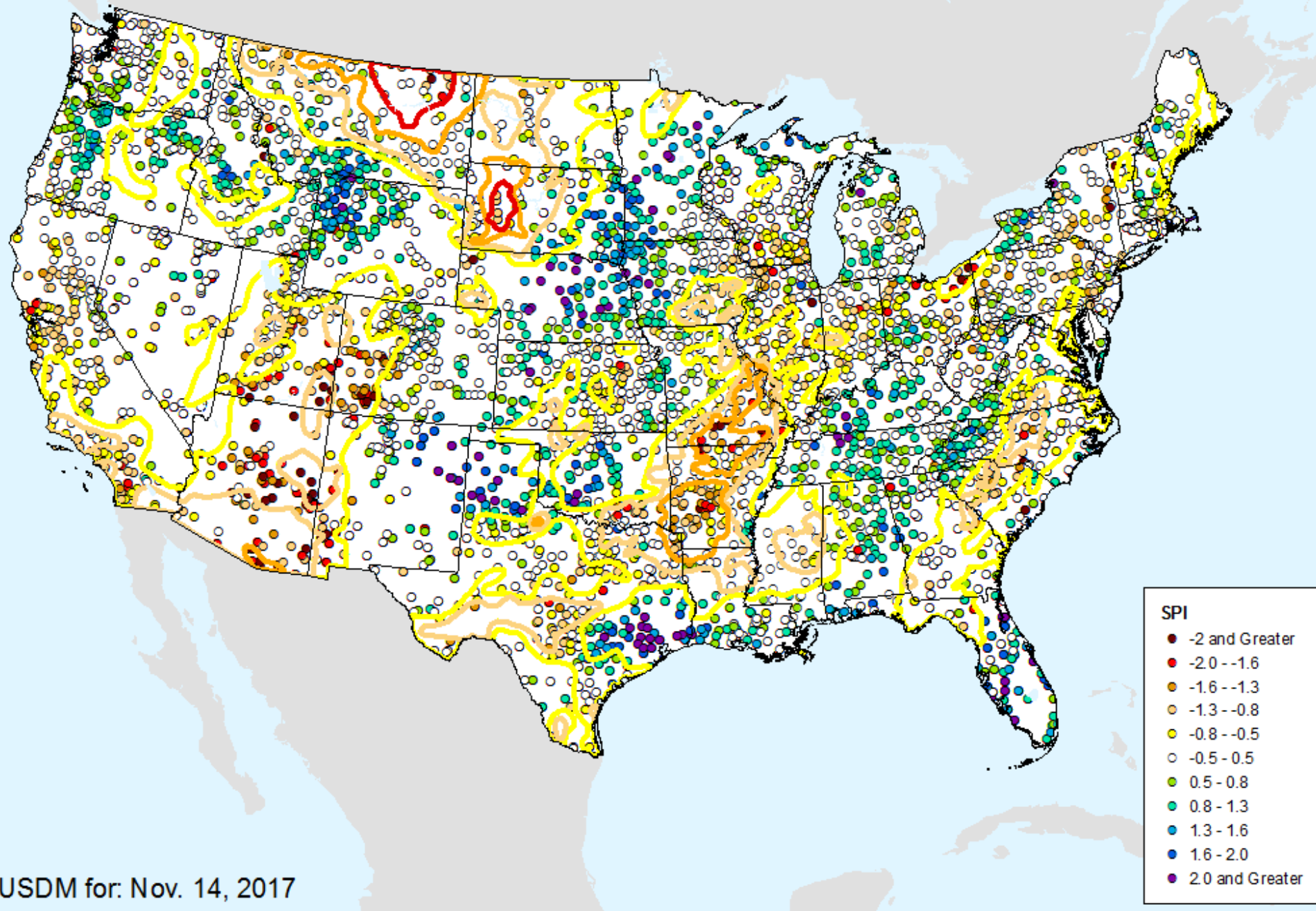
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# HPRCC 3-month SPI

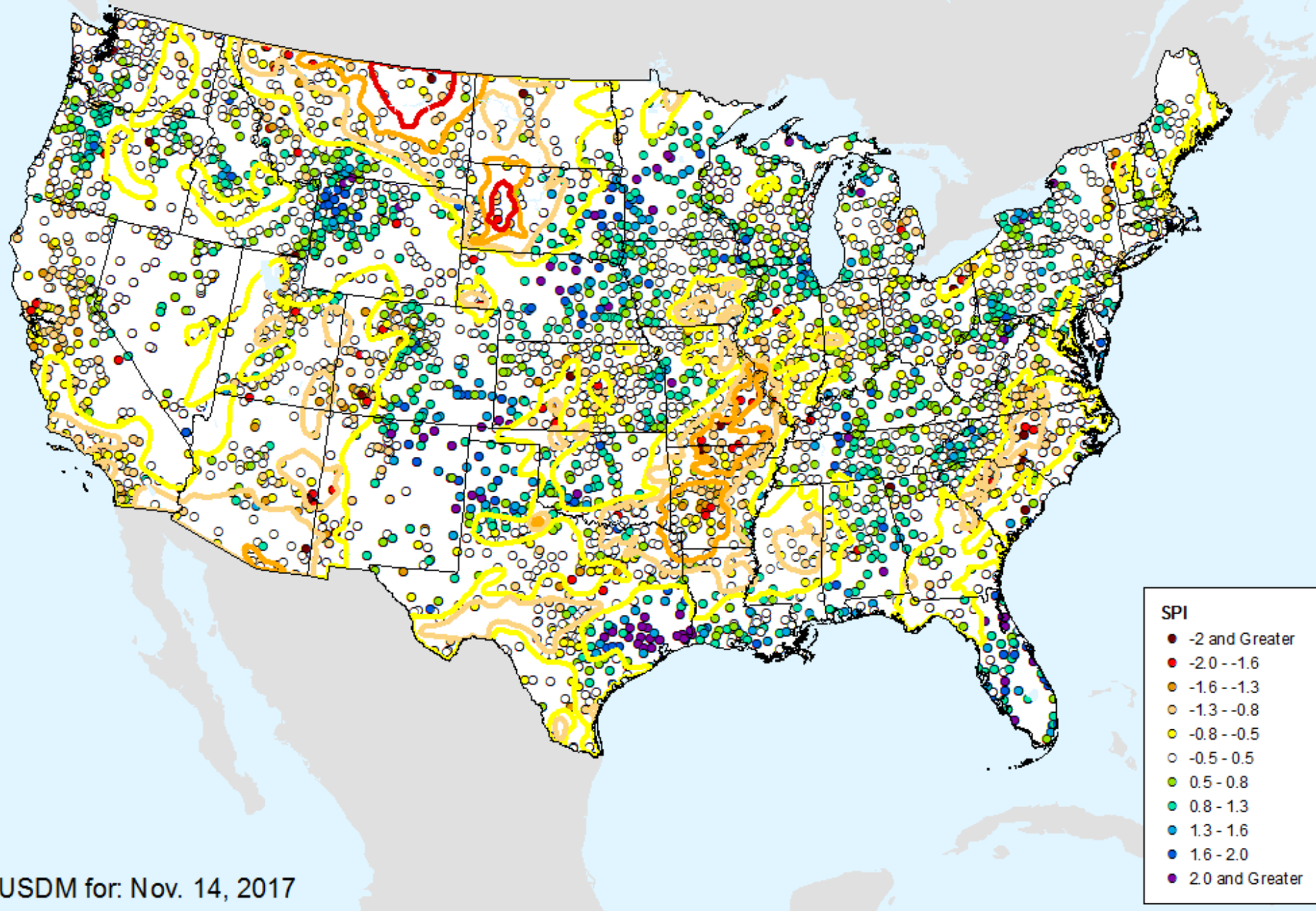
As of: Tuesday, November 21, 2017





# HPRCC 4-month SPI

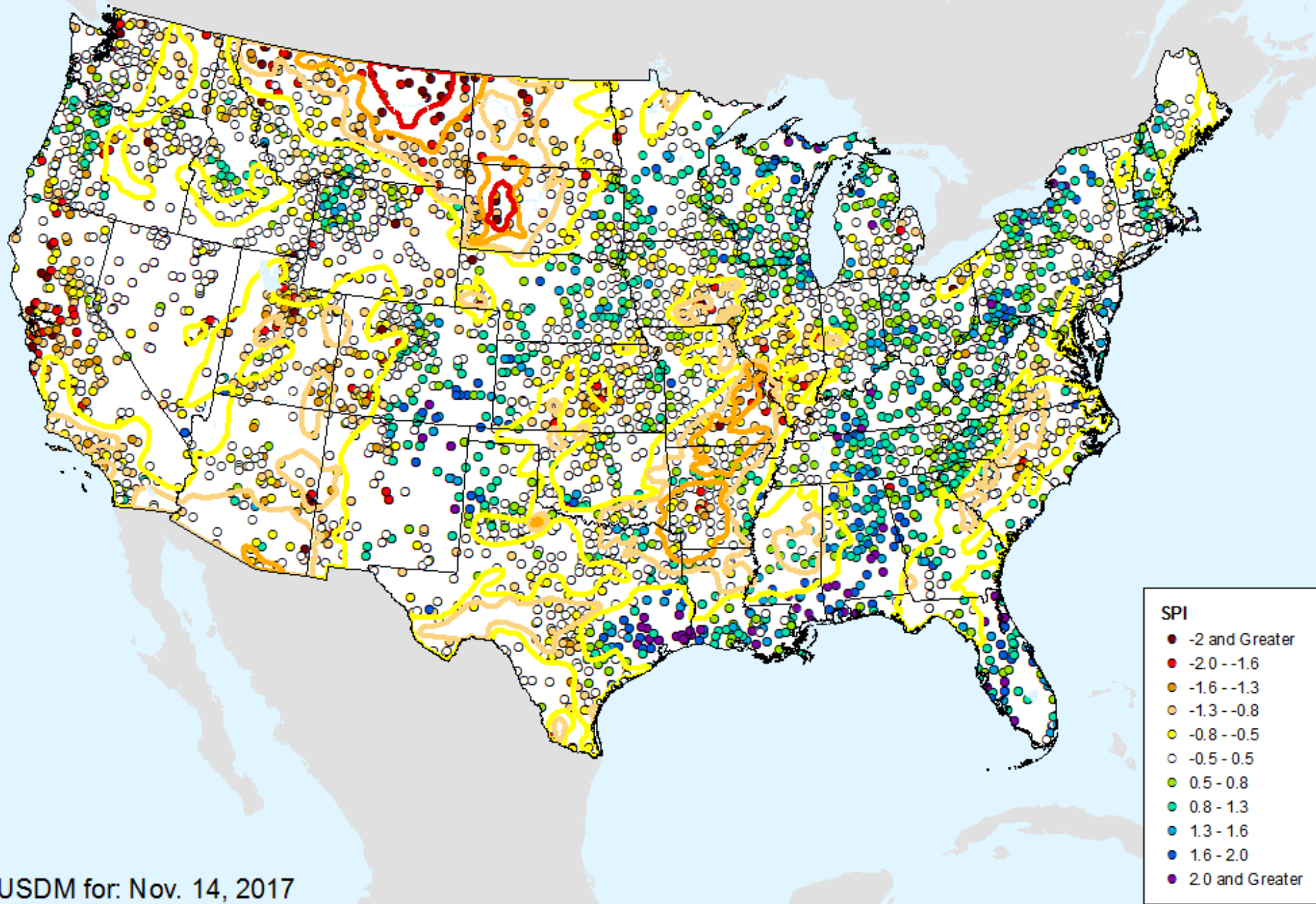
As of: Tuesday, November 21, 2017





# HPRCC 6-month SPI

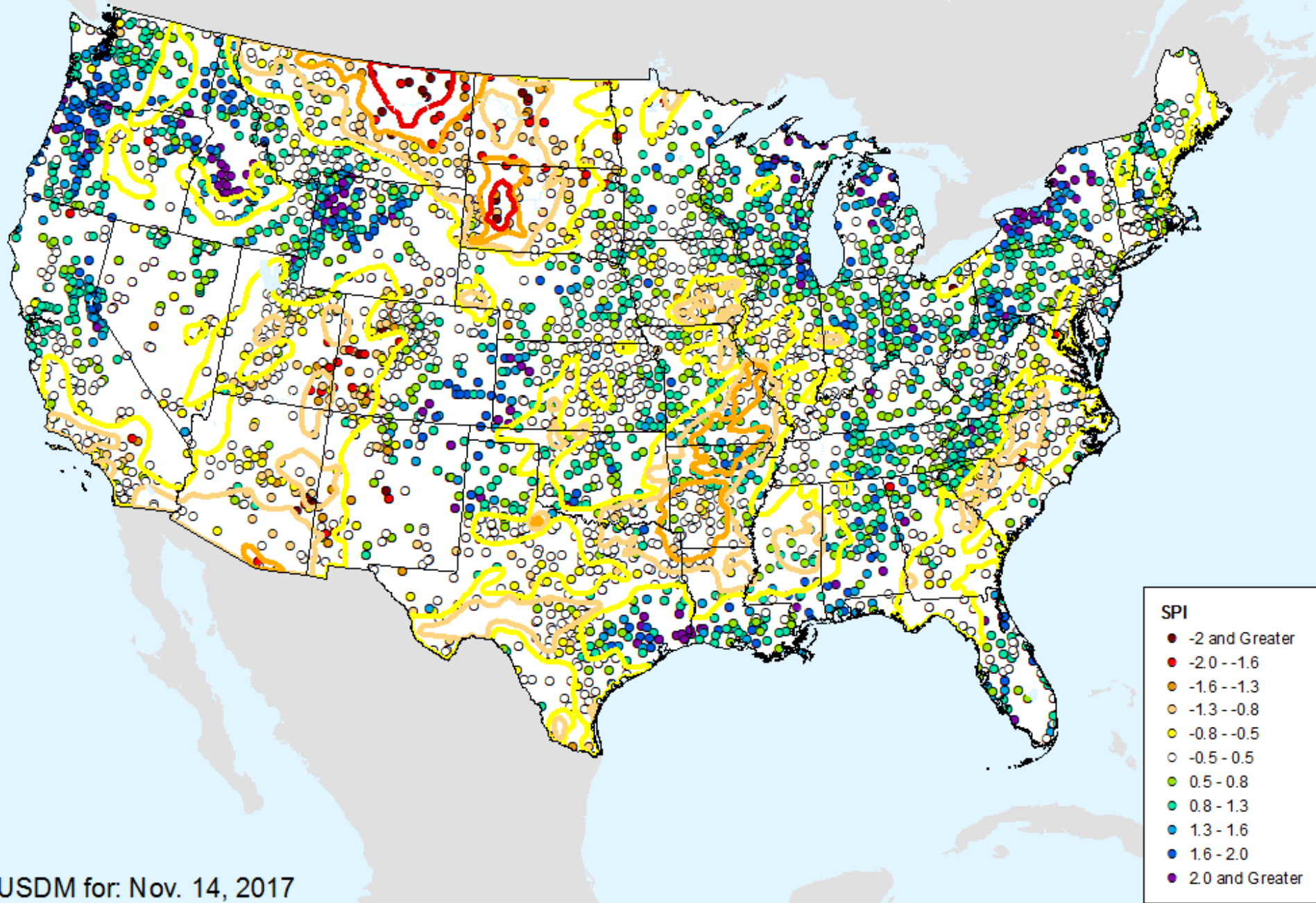
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# HPRCC 9-month SPI

As of: Tuesday, November 21, 2017

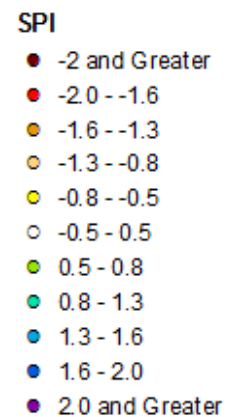
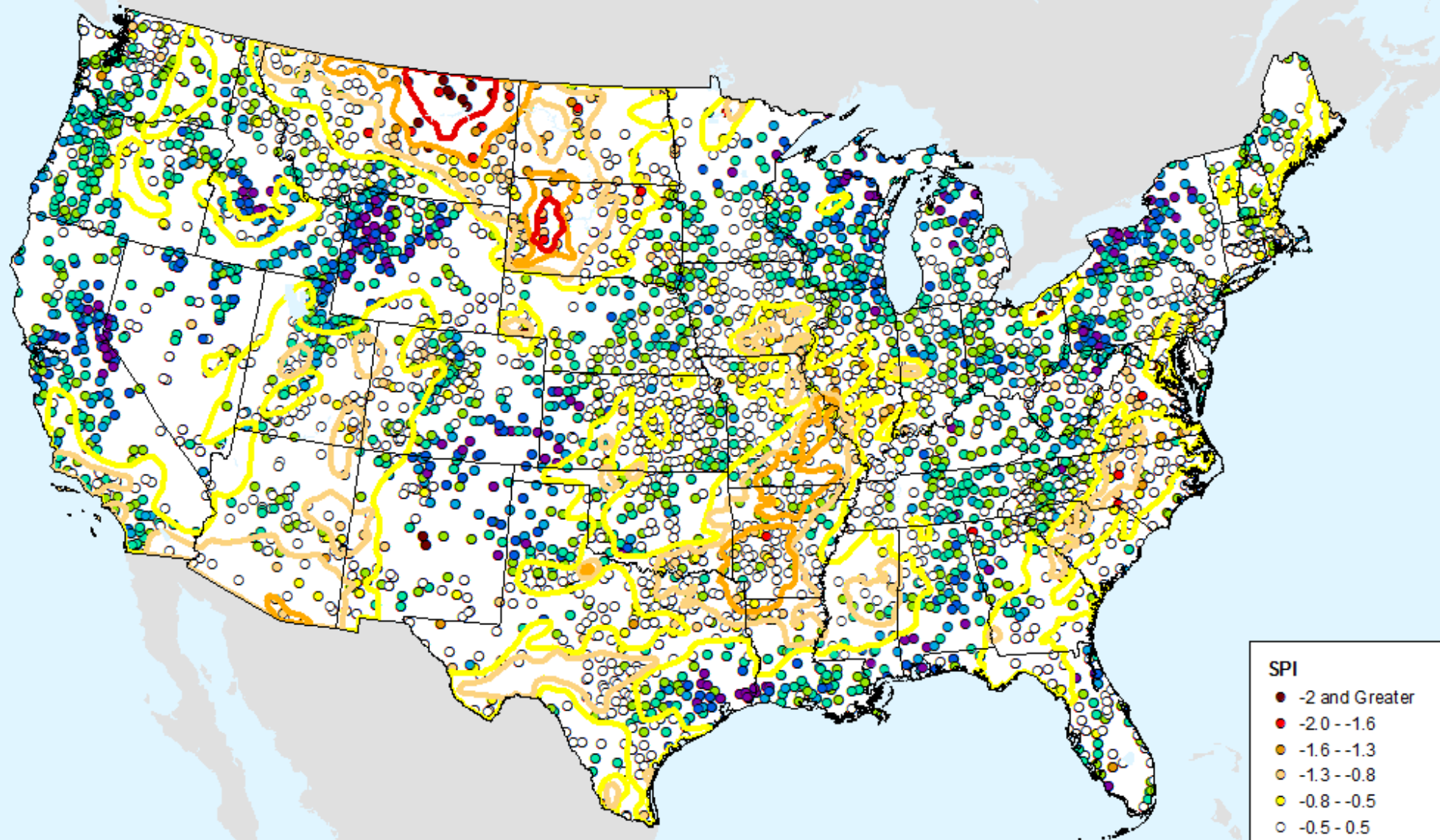


USDM for: Nov. 14, 2017



# HPRCC 12-month SPI

As of: Tuesday, November 21, 2017

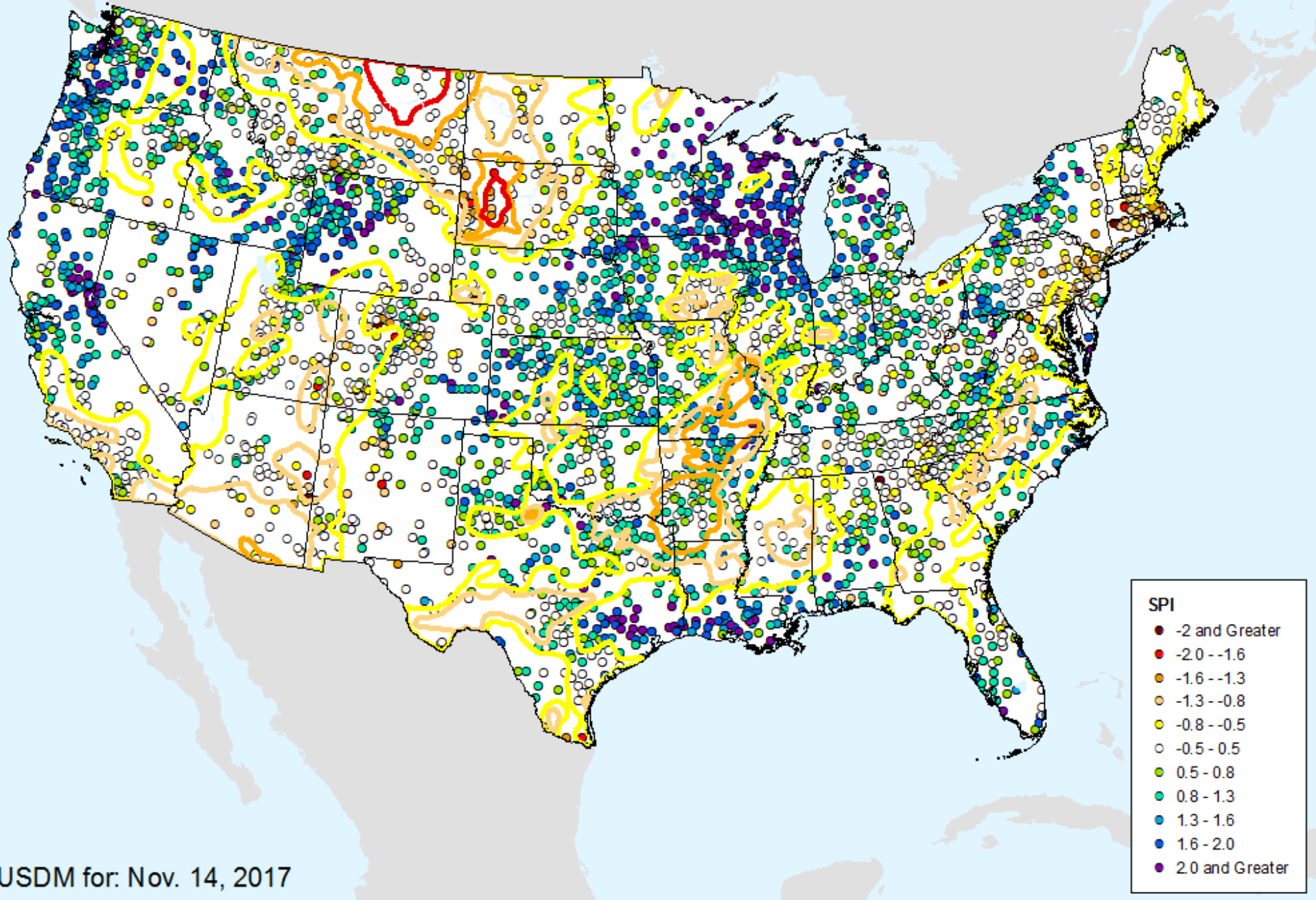


USDM for: Nov. 14, 2017



# HPRCC 24-month SPI

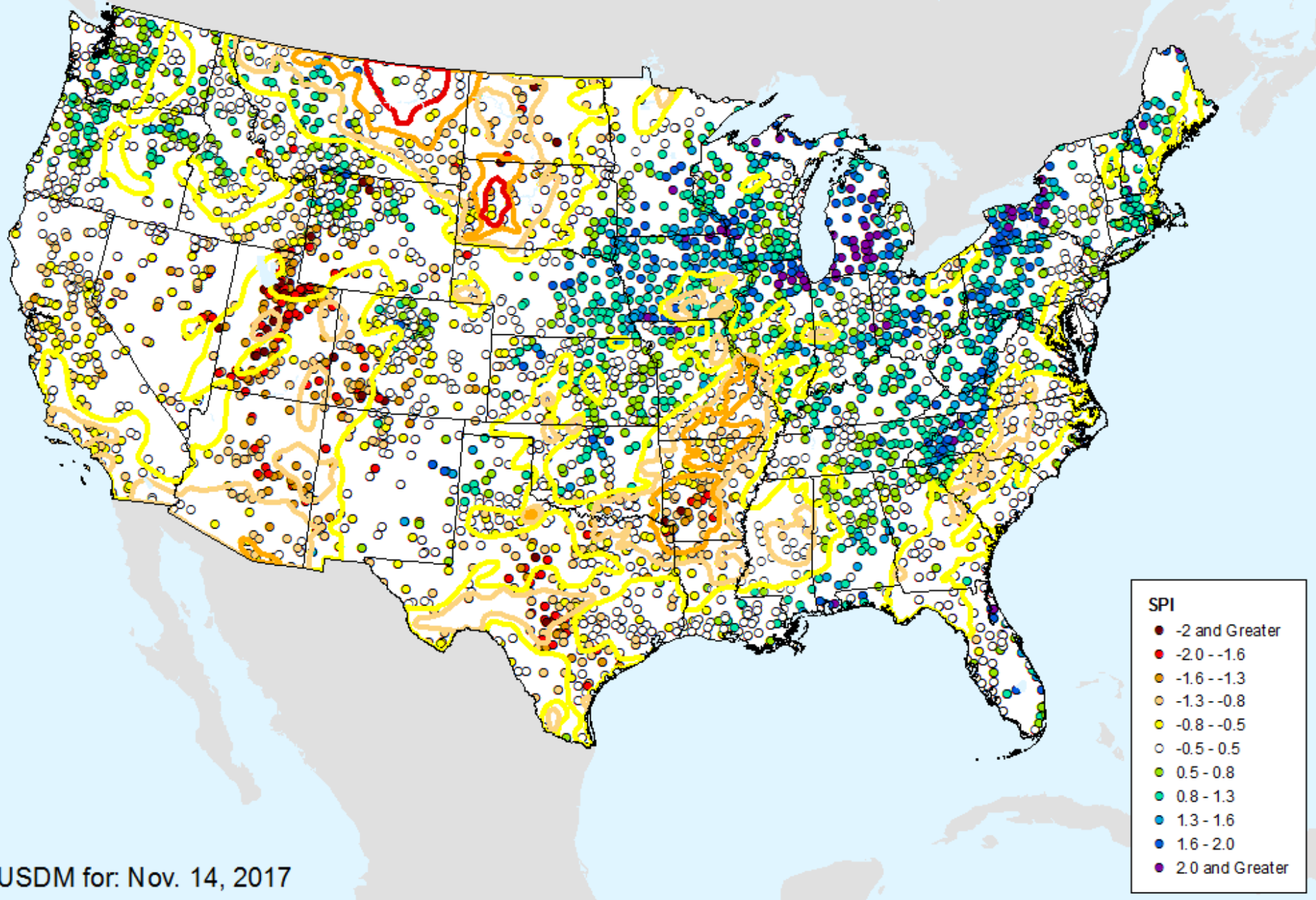
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# HPRCC Water Year-to-date SPI

As of: Tuesday, November 21, 2017

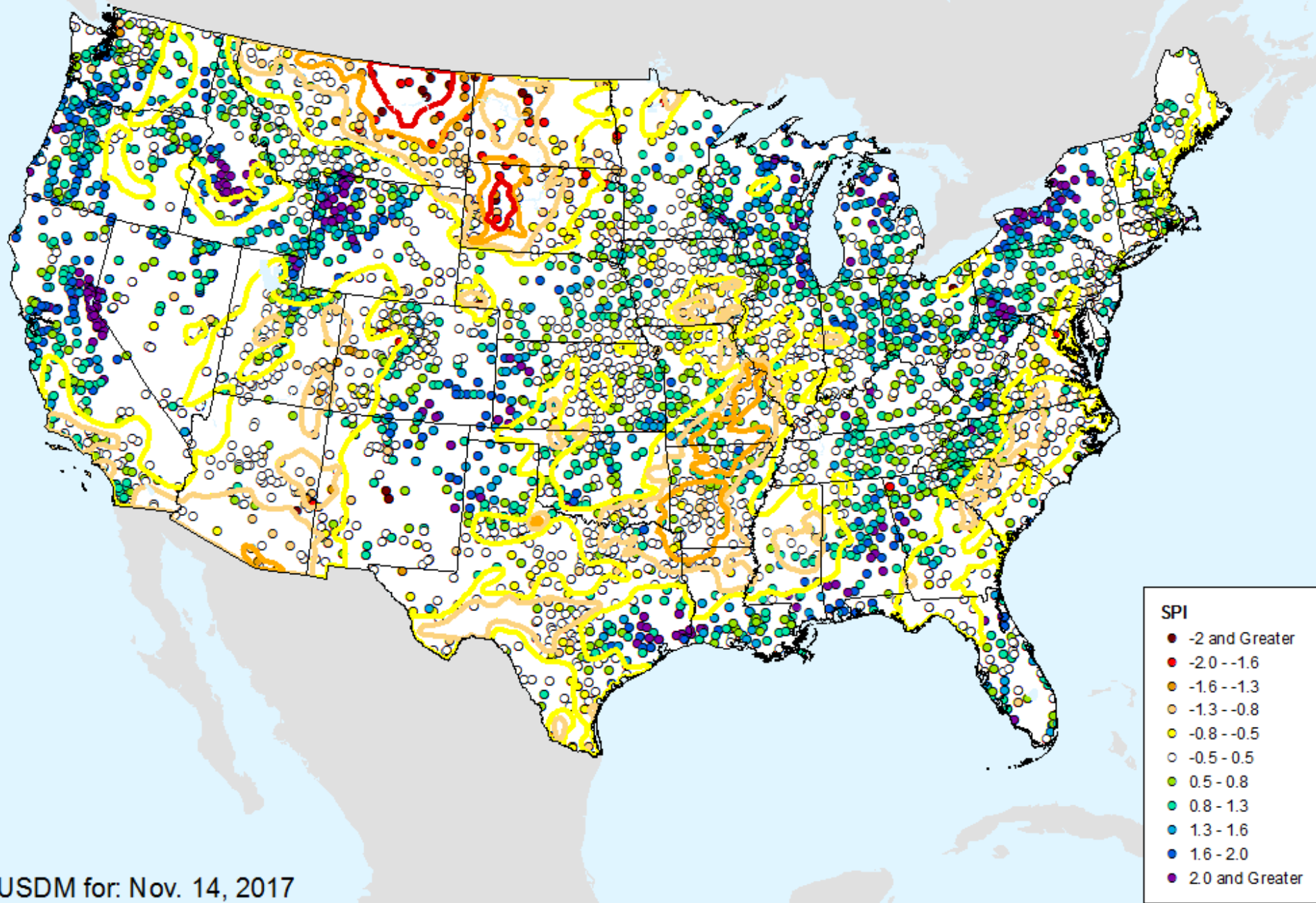


USDM for: Nov. 14, 2017



# HPRCC Year-to-date SPI

As of: Tuesday, November 21, 2017

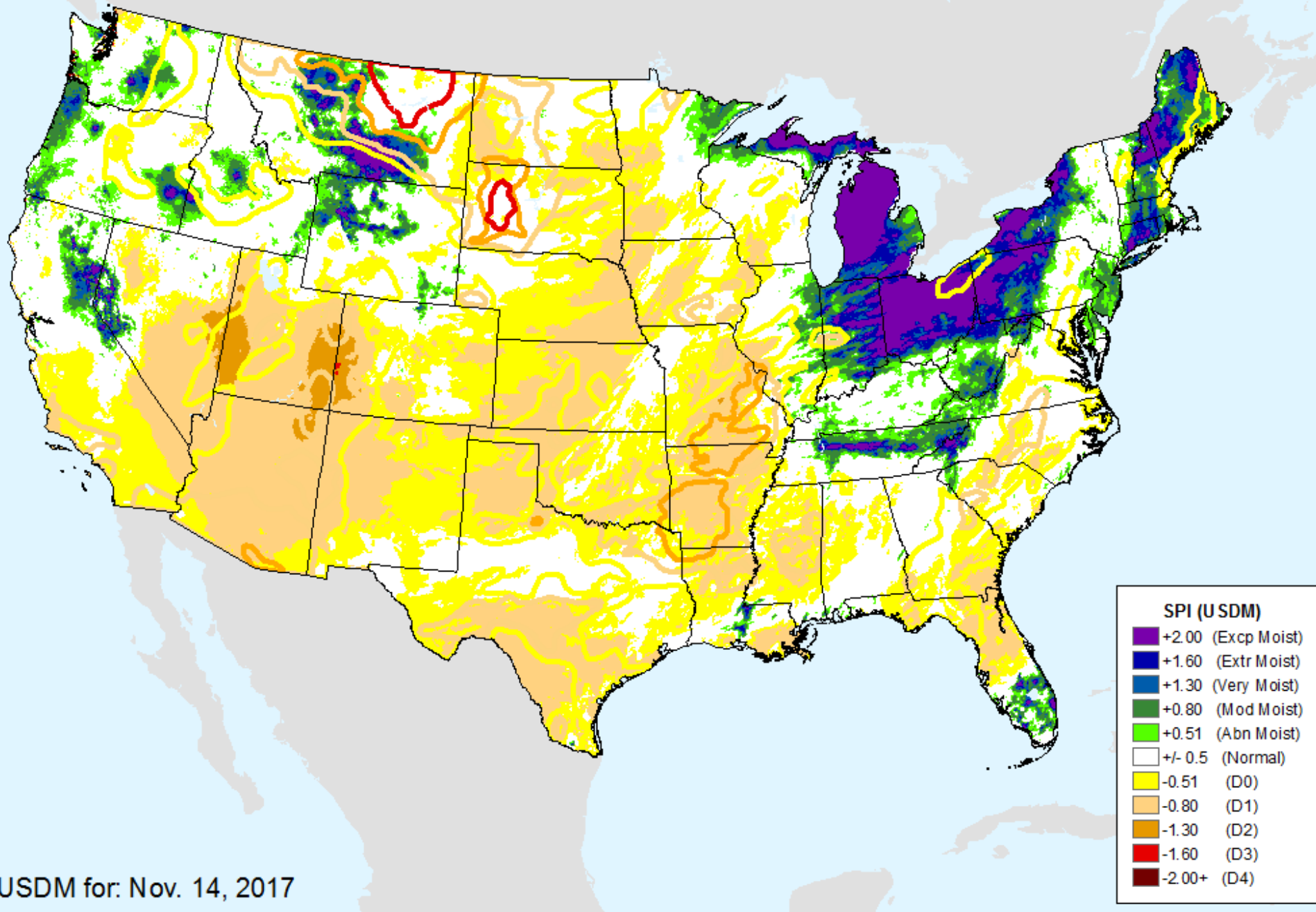


USDM for: Nov. 14, 2017



# AHPS 1-month SPI

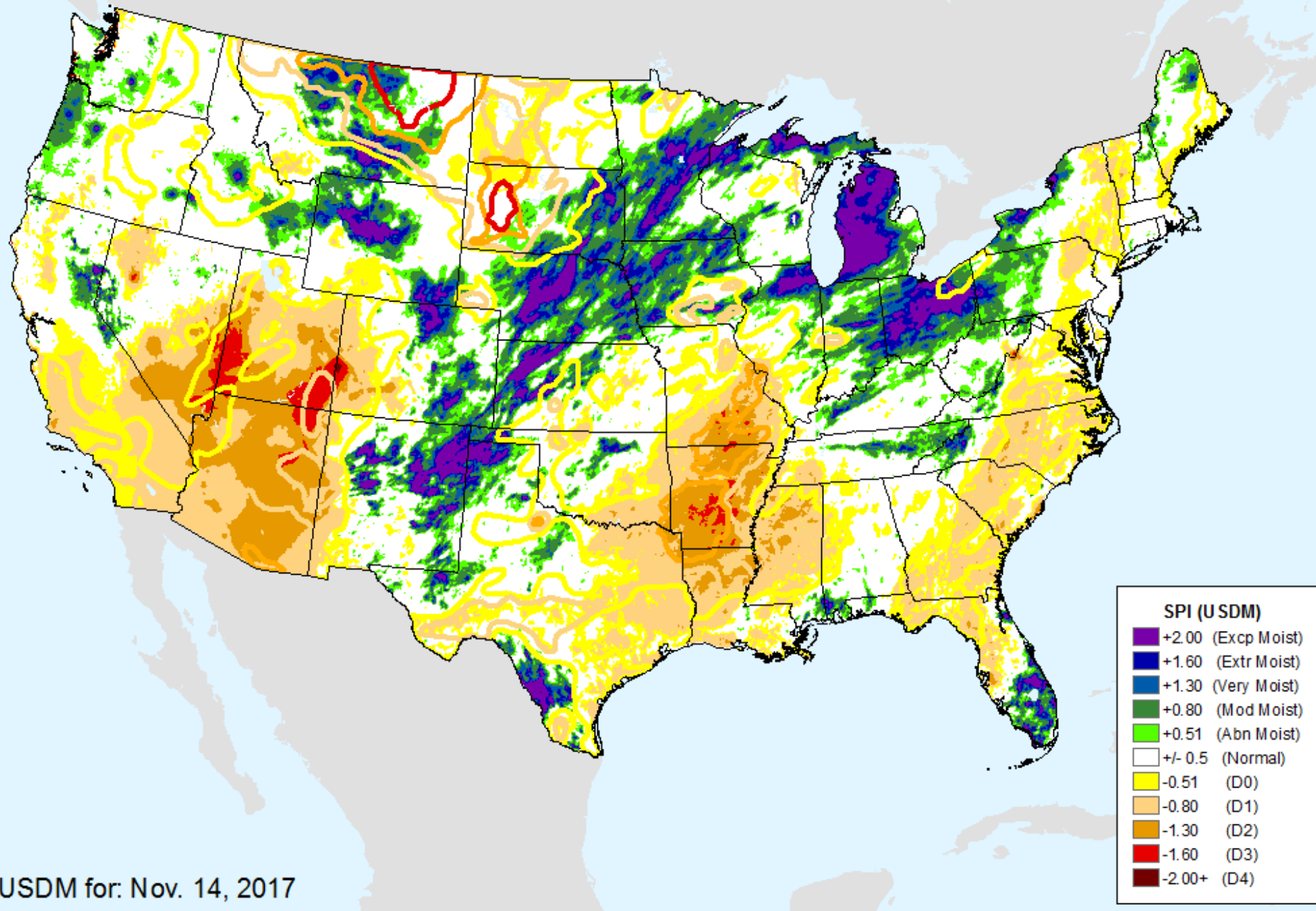
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 2-month SPI

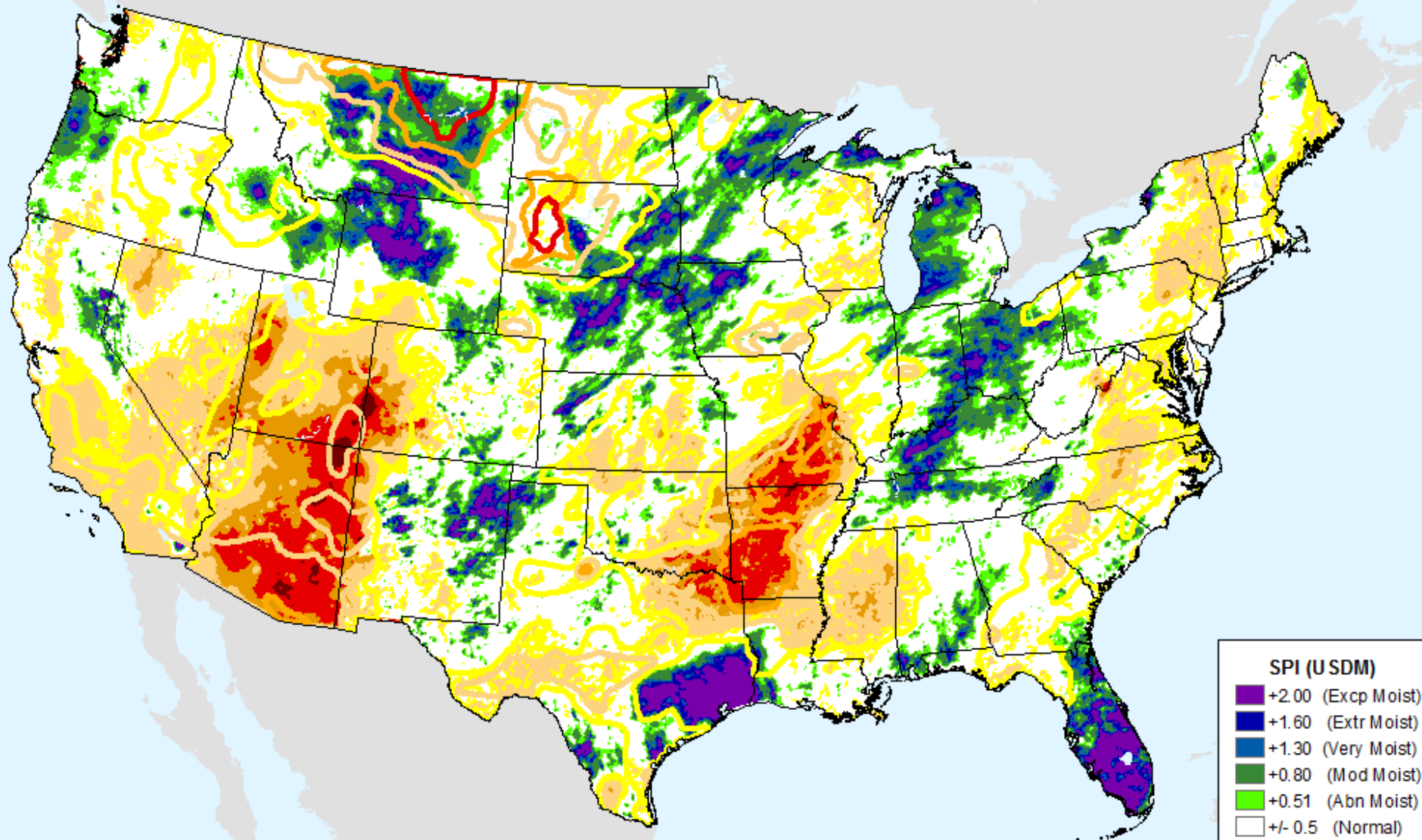
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 3-month SPI

As of: Tuesday, November 21, 2017

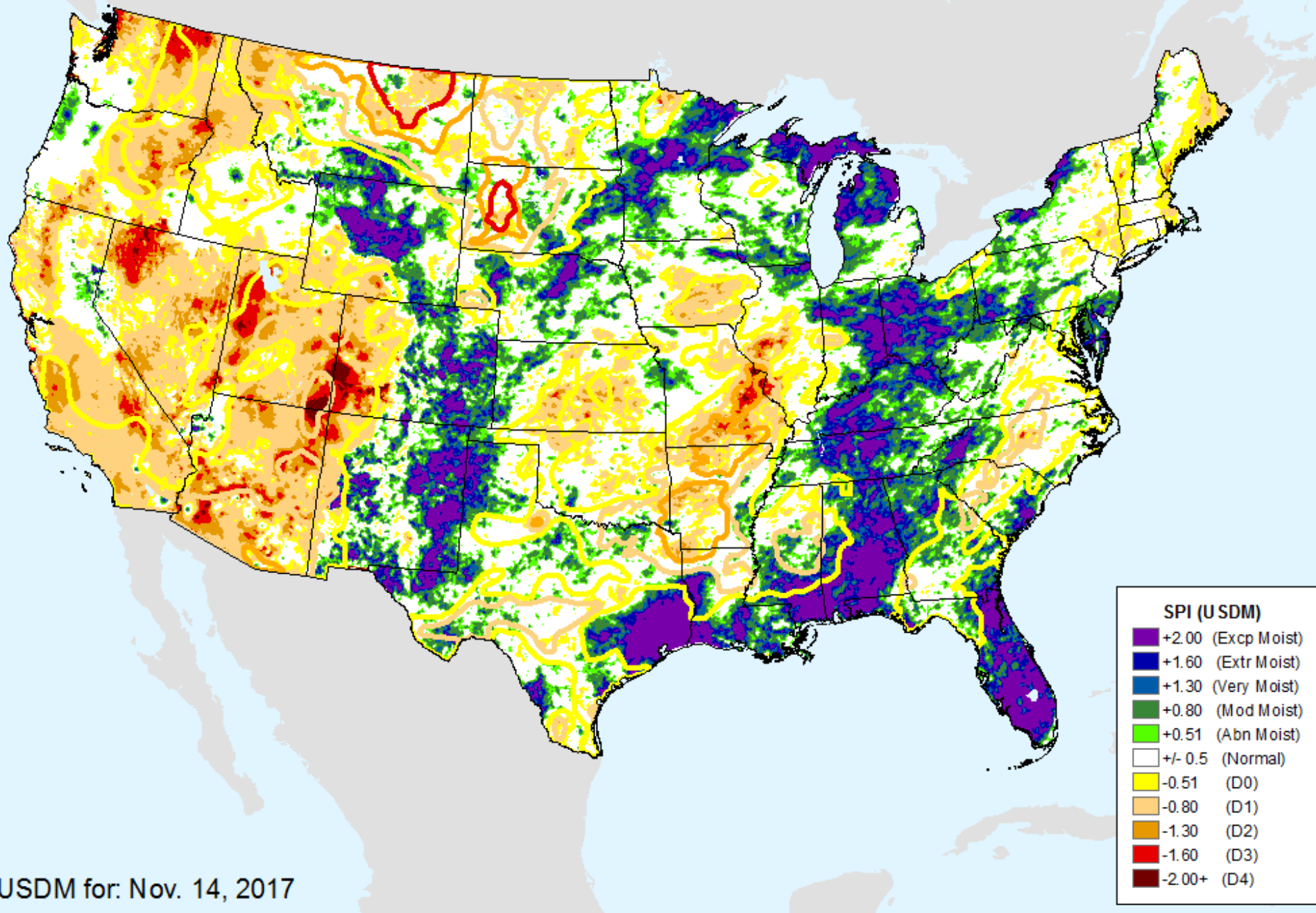


USDM for: Nov. 14, 2017



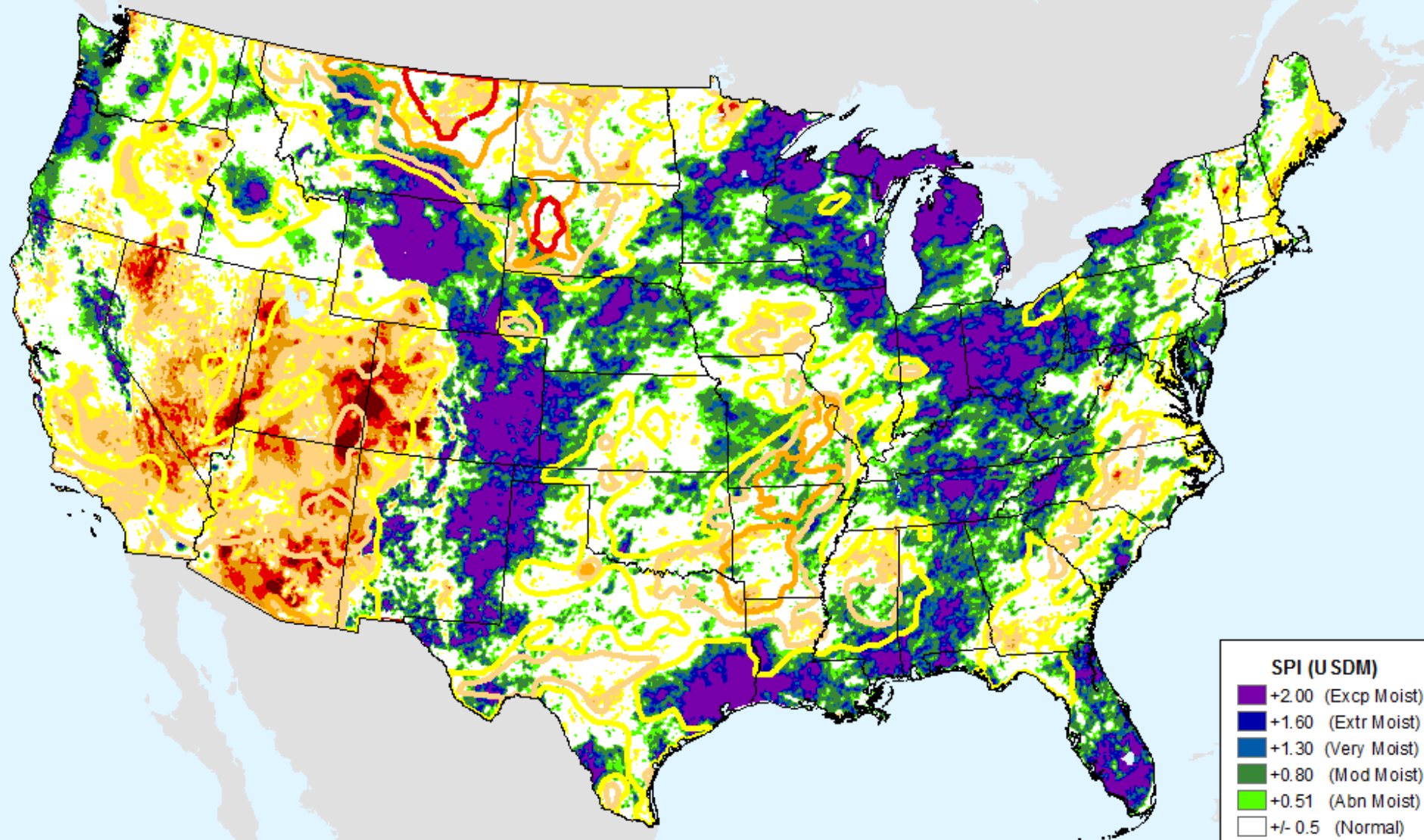
# AHPS 6-month SPI

As of: Tuesday, November 21, 2017



# AHPS 9-month SPI

As of: Tuesday, November 21, 2017



### SPI (USDM)

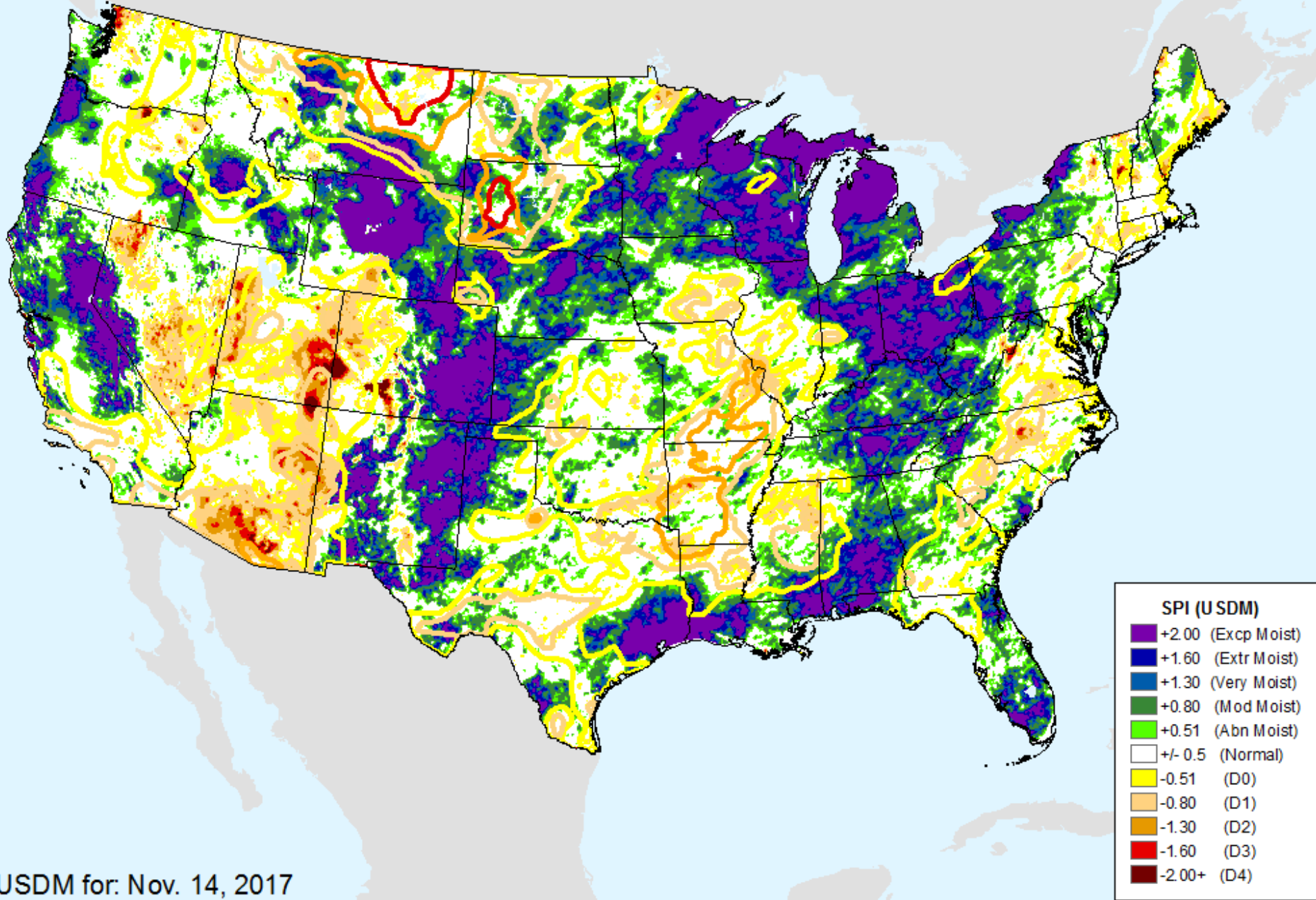
- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

USDM for: Nov. 14, 2017



# AHPS 12-month SPI

As of: Tuesday, November 21, 2017

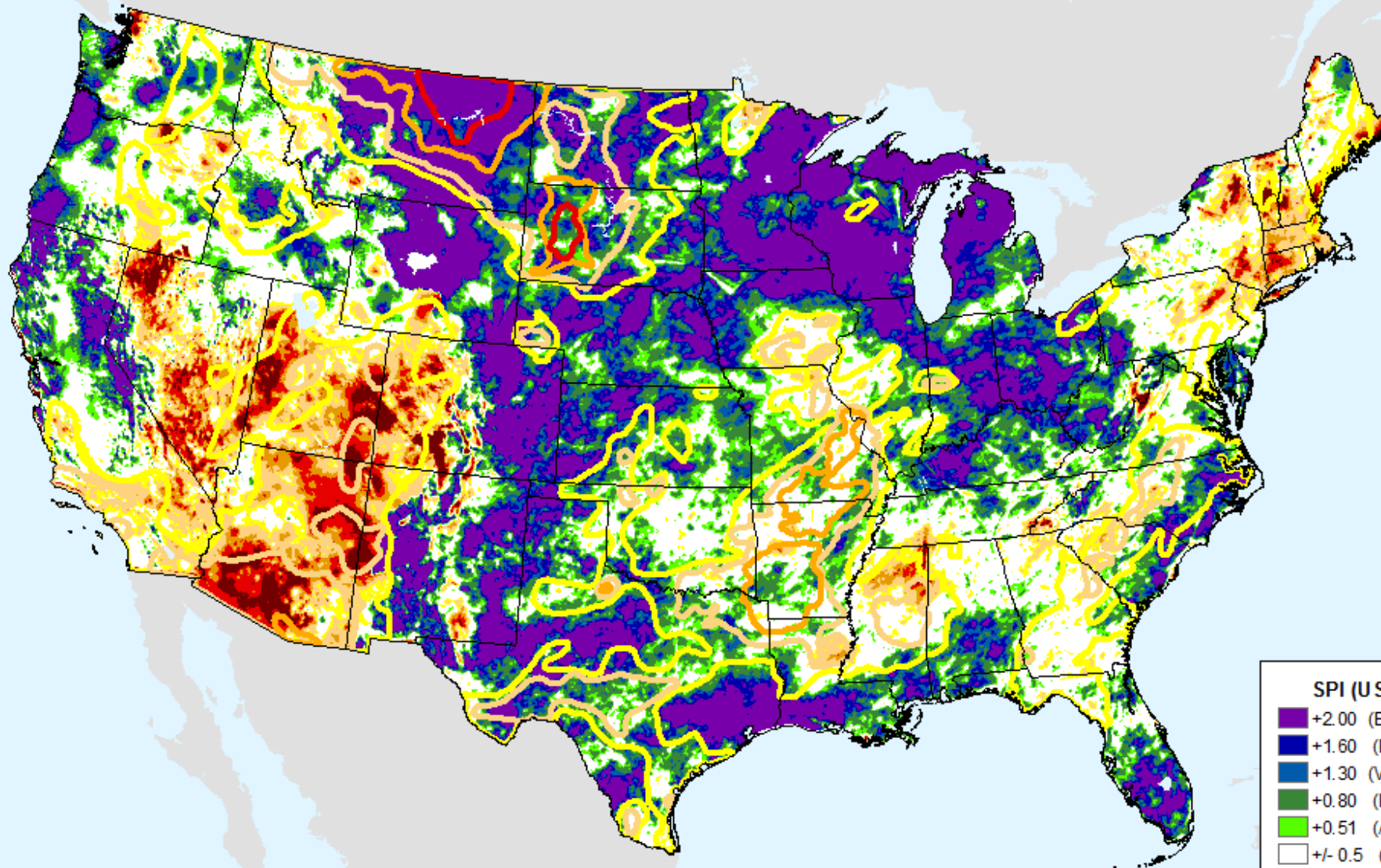


USDM for: Nov. 14, 2017



# AHPS 24-month SPI

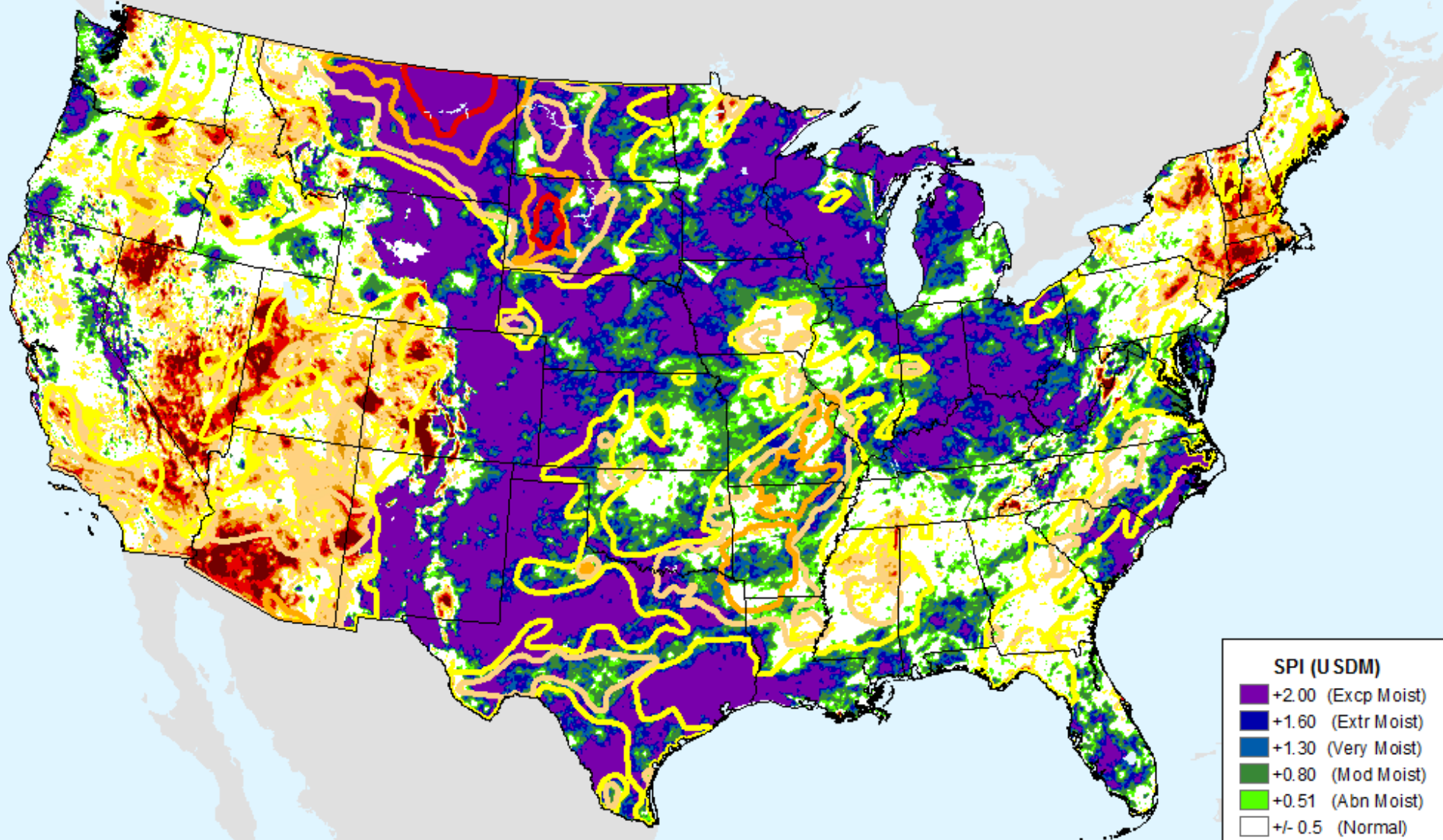
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 36-month SPI

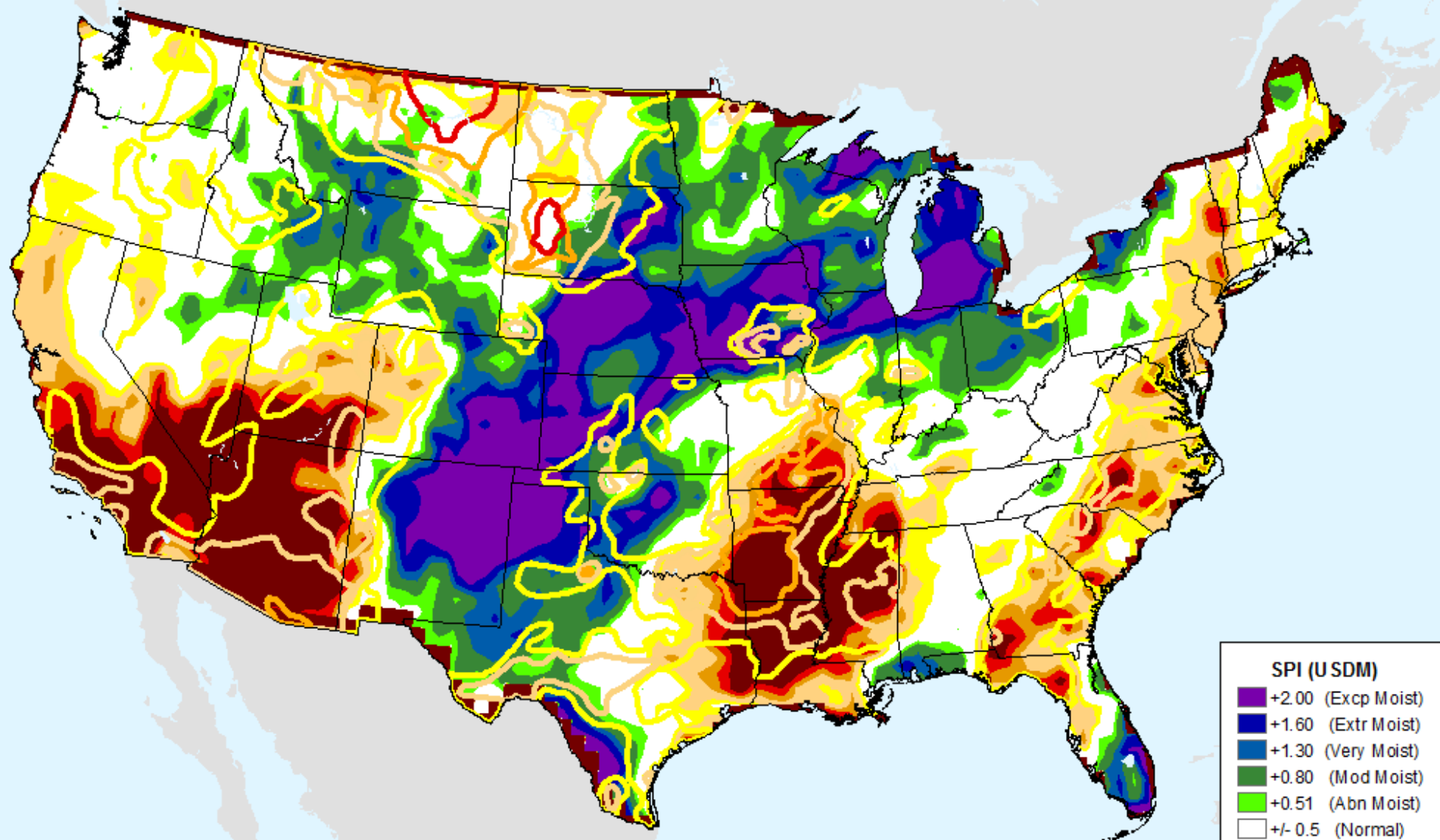
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# CPC 3-month SPI

As of: Tuesday, November 21, 2017



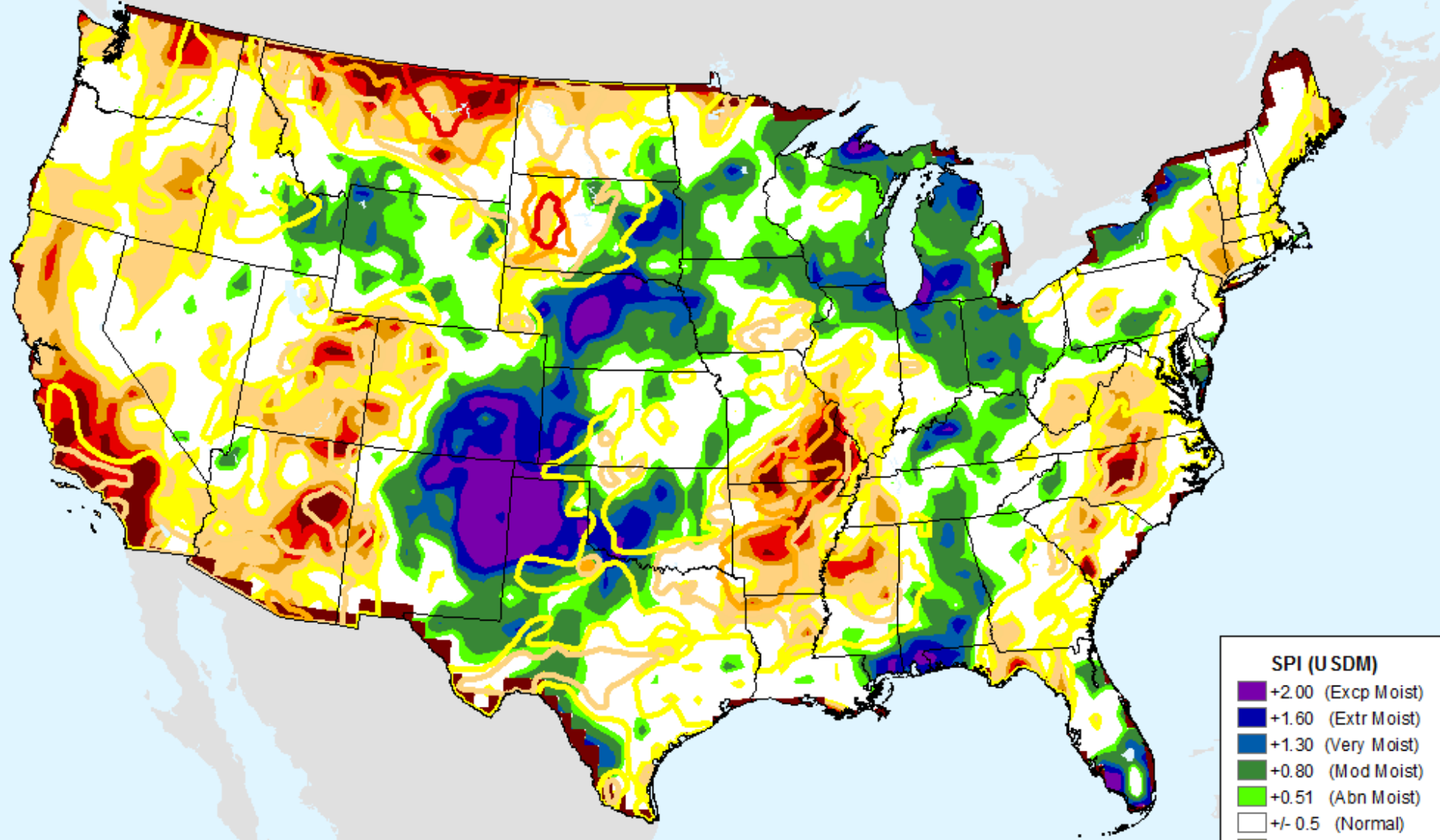
SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Nov. 14, 2017



# CPC 6-month SPI

As of: Tuesday, November 21, 2017

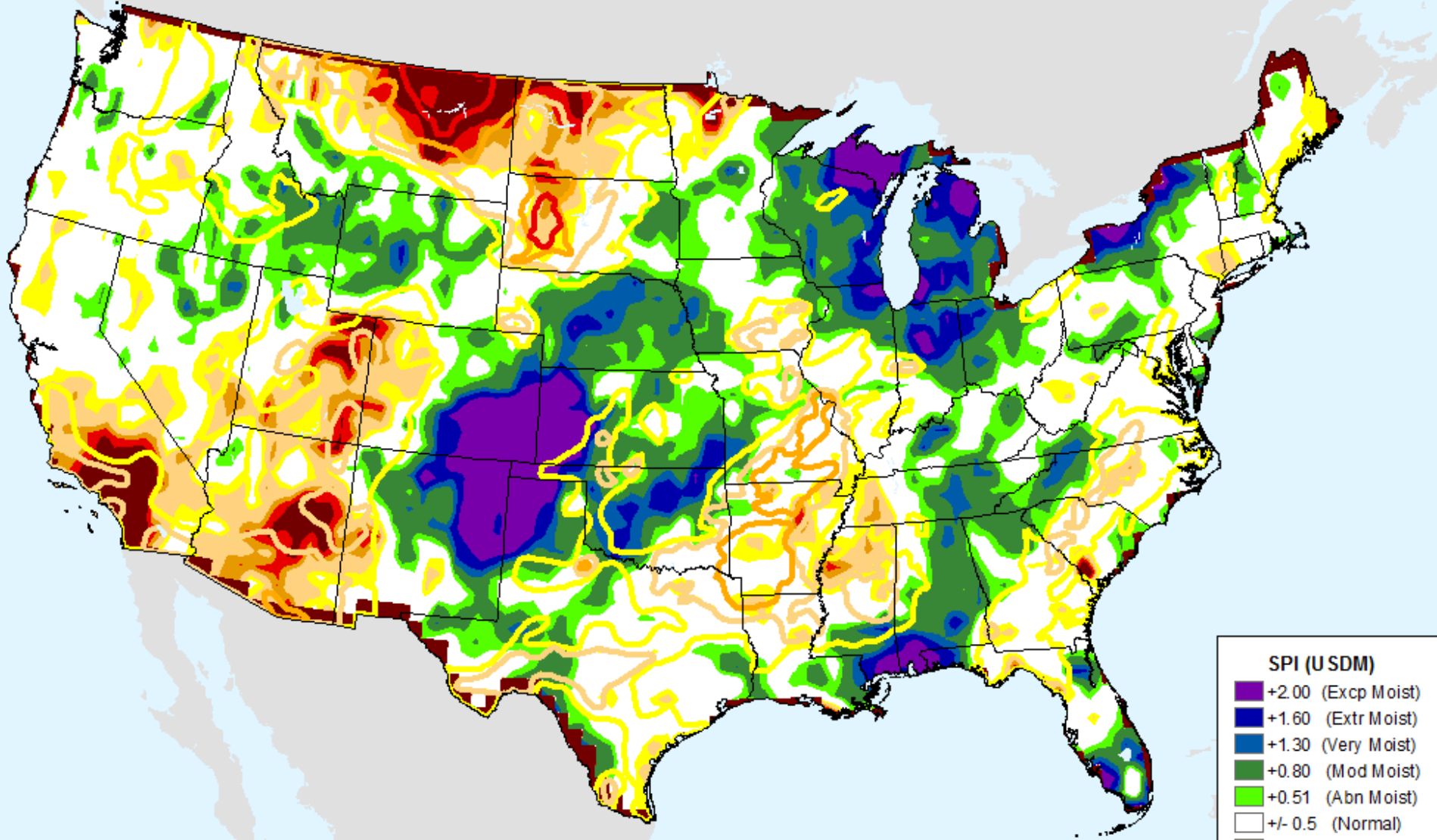


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Nov. 14, 2017

# CPC 9-month SPI

As of: Tuesday, November 21, 2017

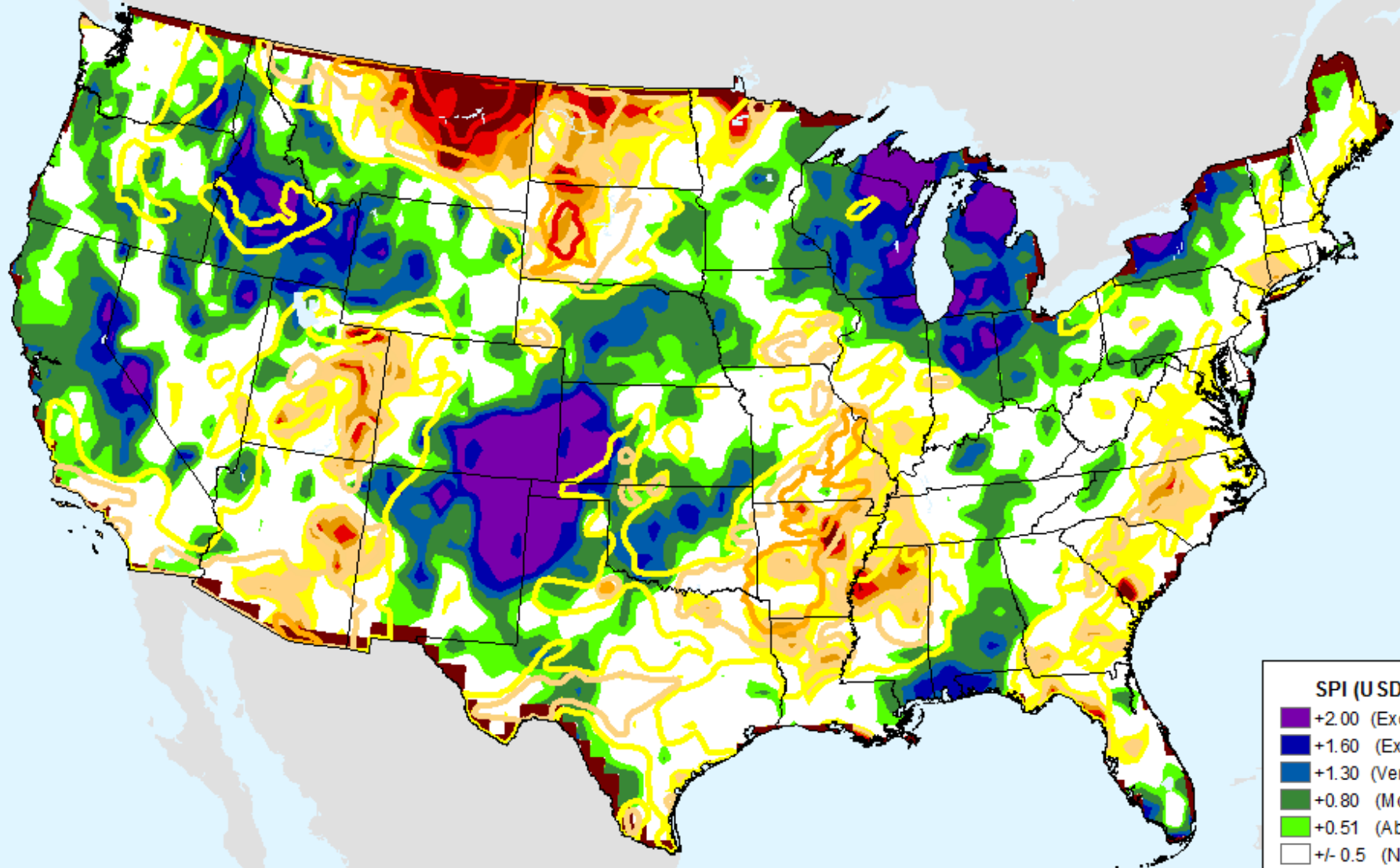


SPI (USDM)	
+	+2.00 (Excp Moist)
+	+1.60 (Extr Moist)
+	+1.30 (Very Moist)
+	+0.80 (Mod Moist)
+	+0.51 (Abn Moist)
±	+/- 0.5 (Normal)
-	-0.51 (D0)
-	-0.80 (D1)
-	-1.30 (D2)
-	-1.60 (D3)
-	-2.00+ (D4)

USDM for: Nov. 14, 2017

# CPC 12-month SPI

As of: Tuesday, November 21, 2017



## SPI (USDM)

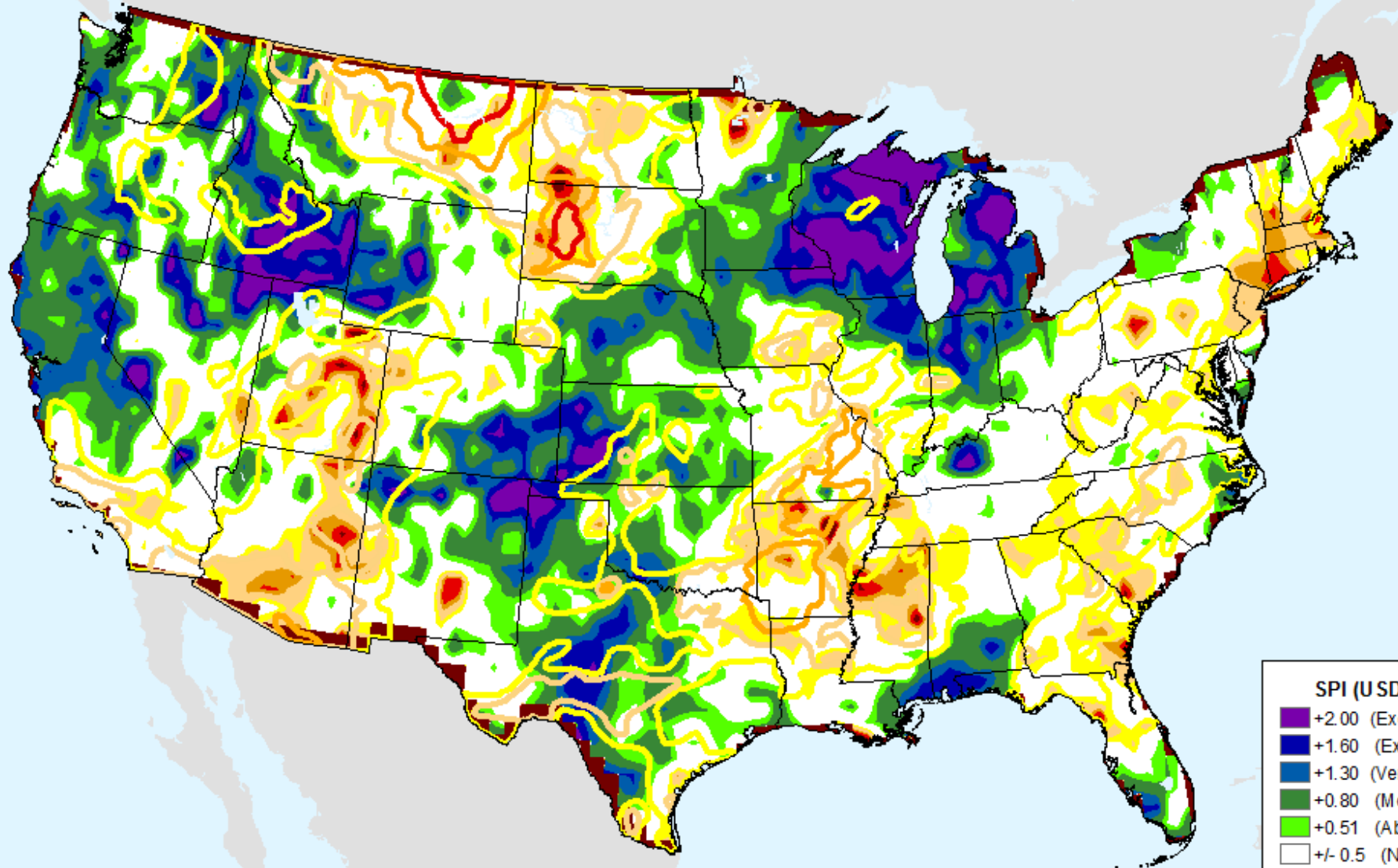
- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

USDM for: Nov. 14, 2017



# CPC 24-month SPI

As of: Tuesday, November 21, 2017



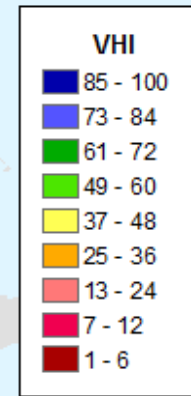
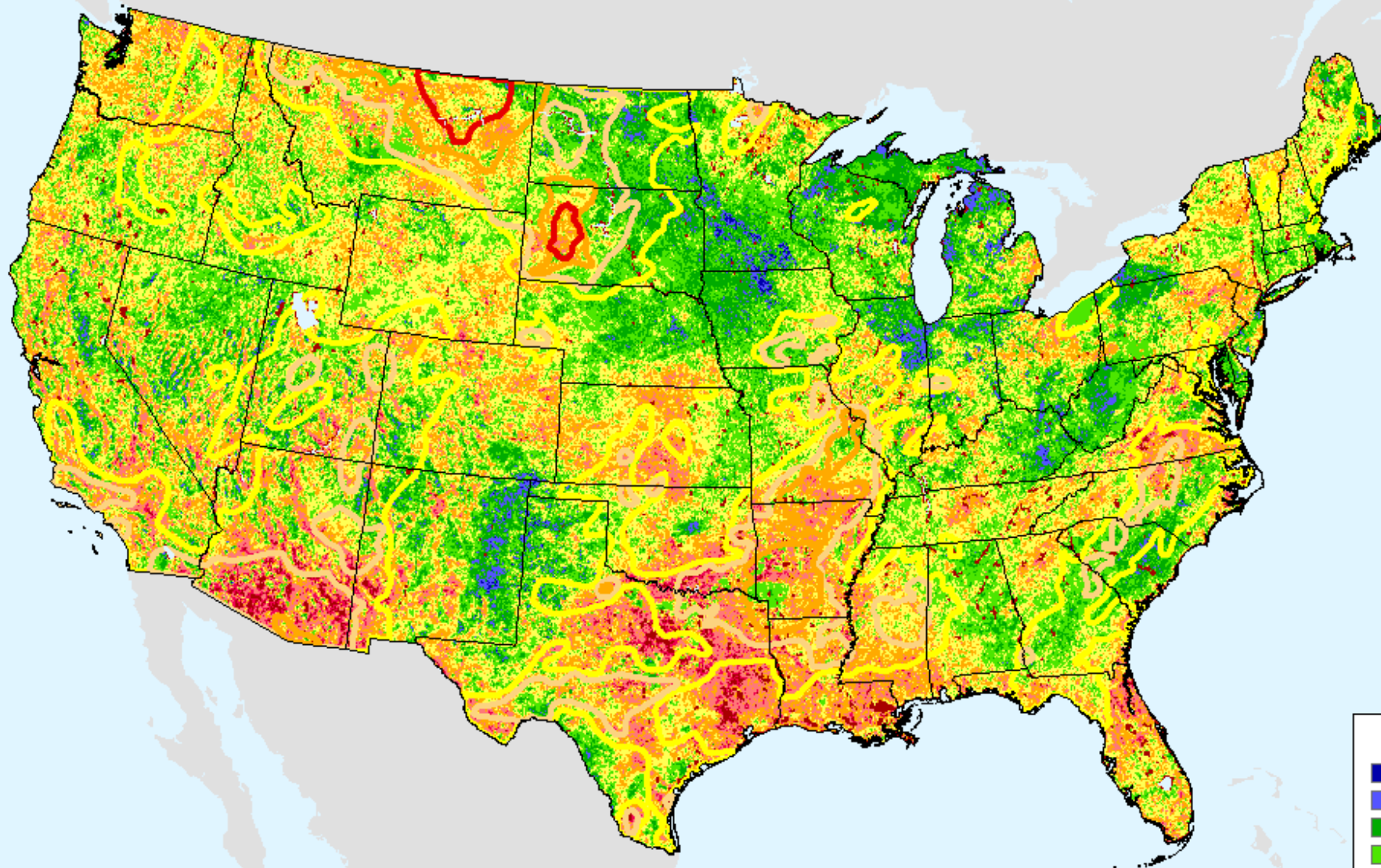
## SPI (USDM)

- +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: Nov. 14, 2017

# Vegetation Health Index

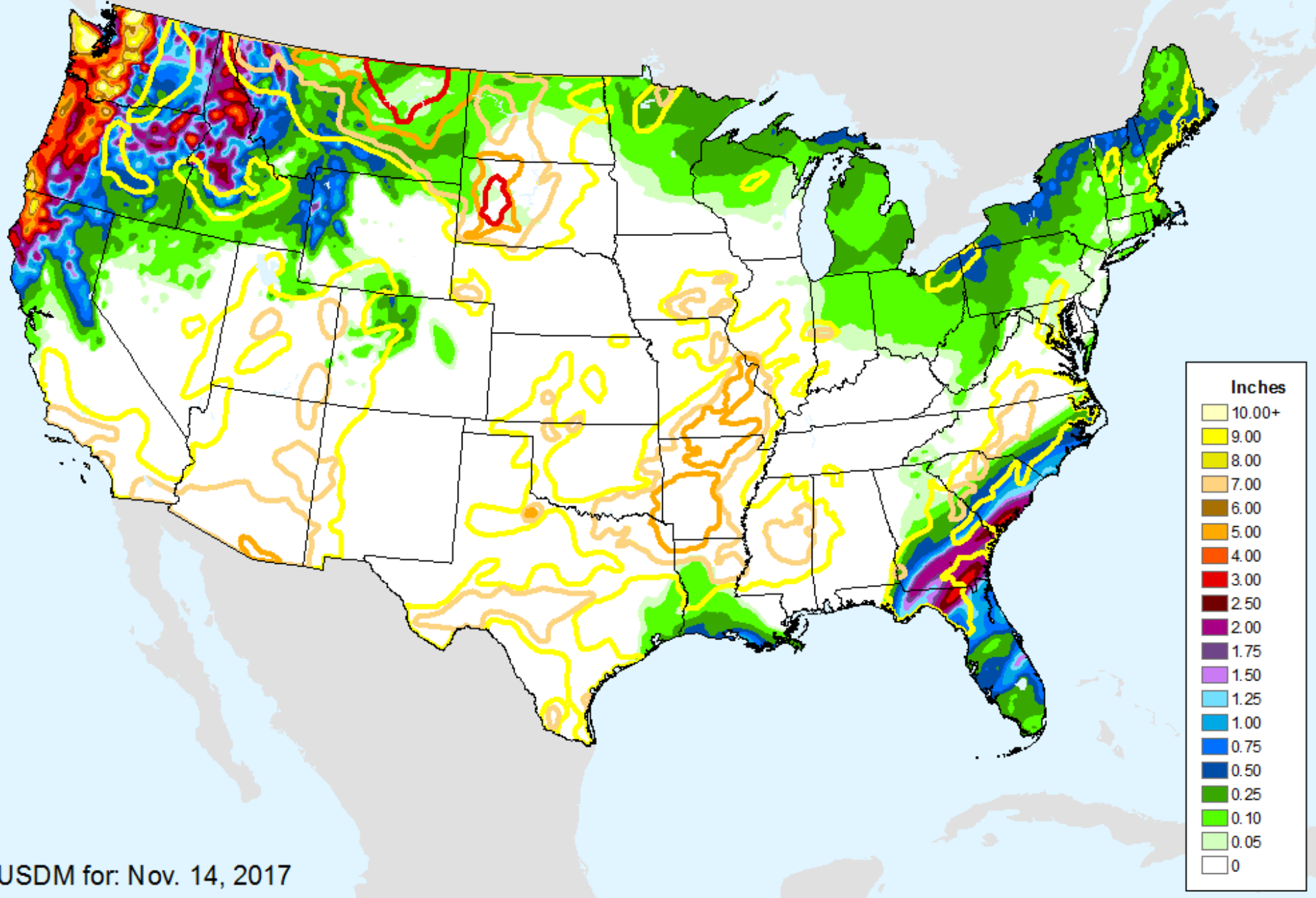
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# GFS (00z) 7-Day Precip Forecast

As of: Tuesday, November 21, 2017

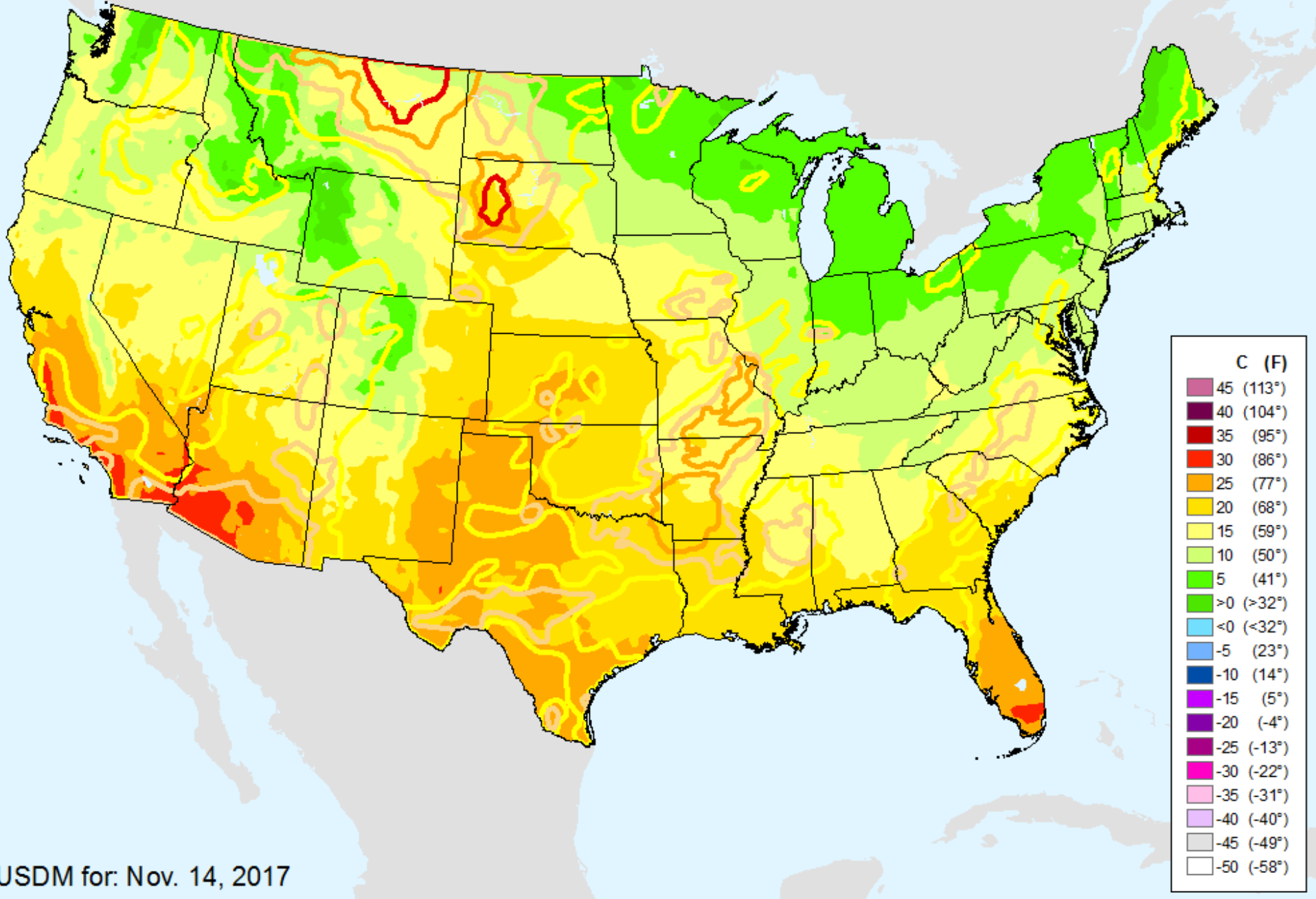


USDM for: Nov. 14, 2017



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

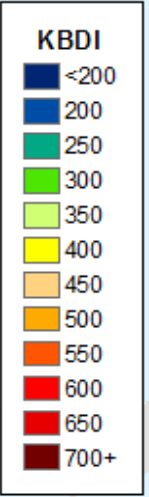
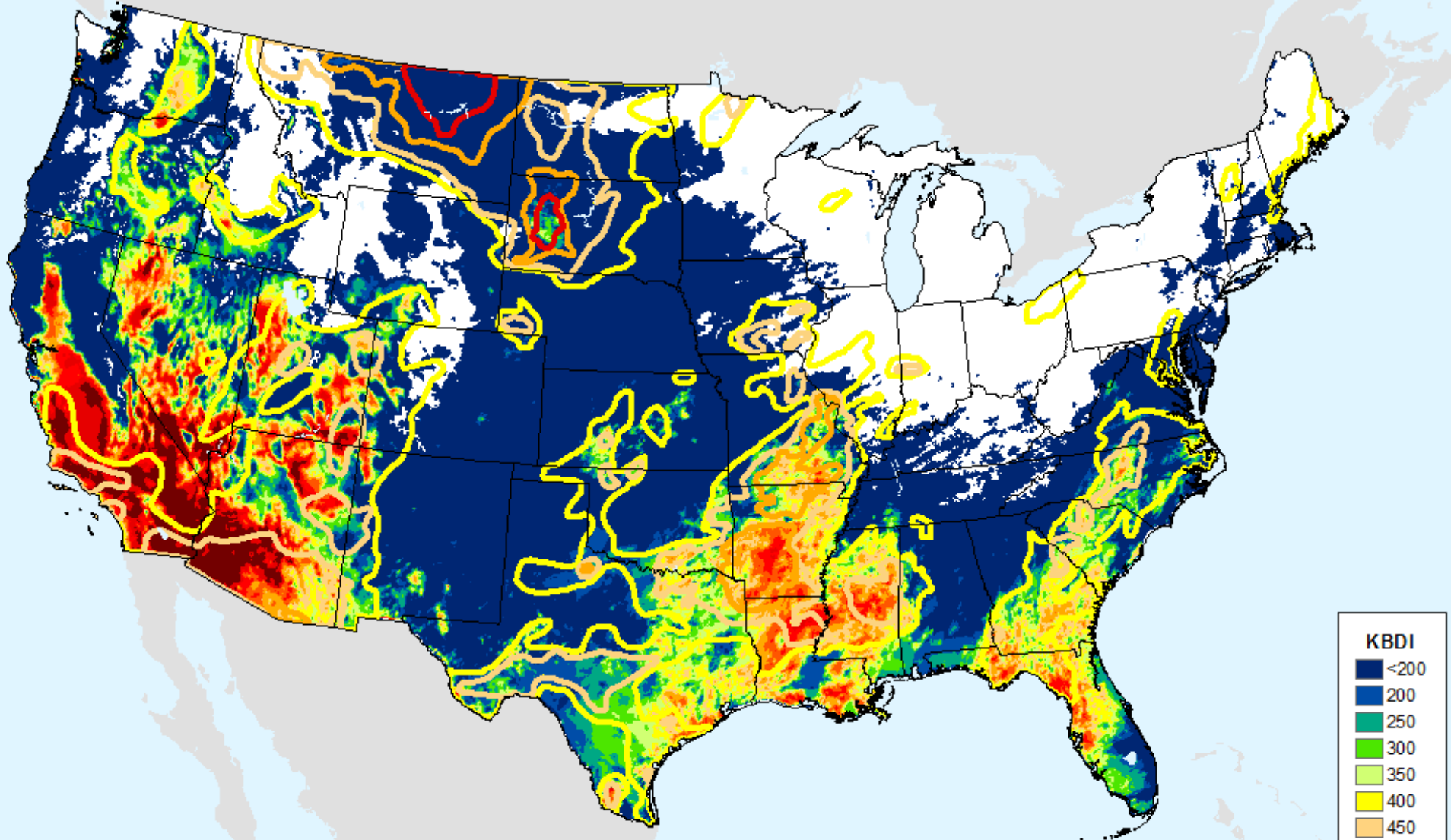
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# Keetch-Byram Drought Index (KBDI)

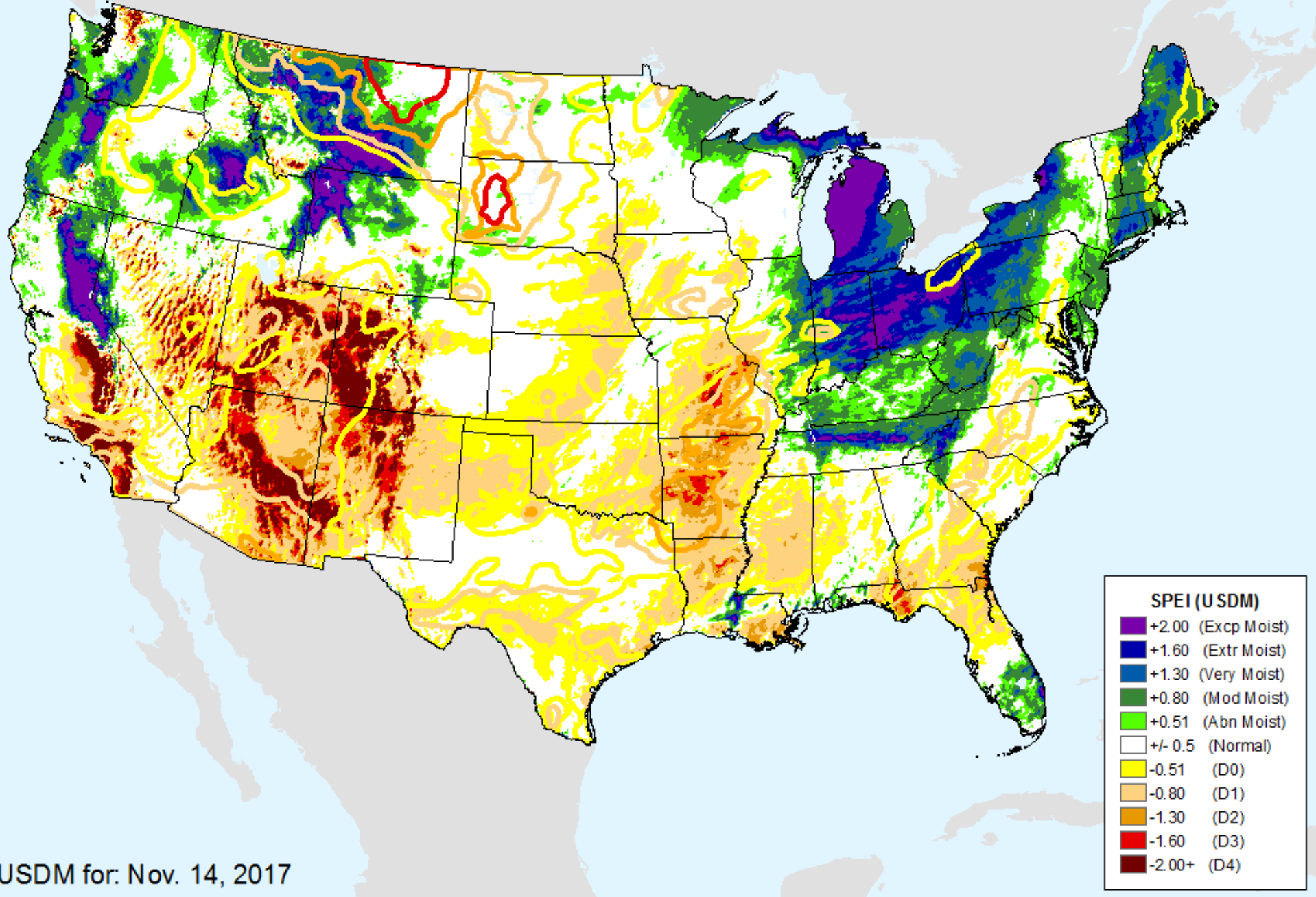
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 1-month SPEI

As of: Tuesday, November 21, 2017

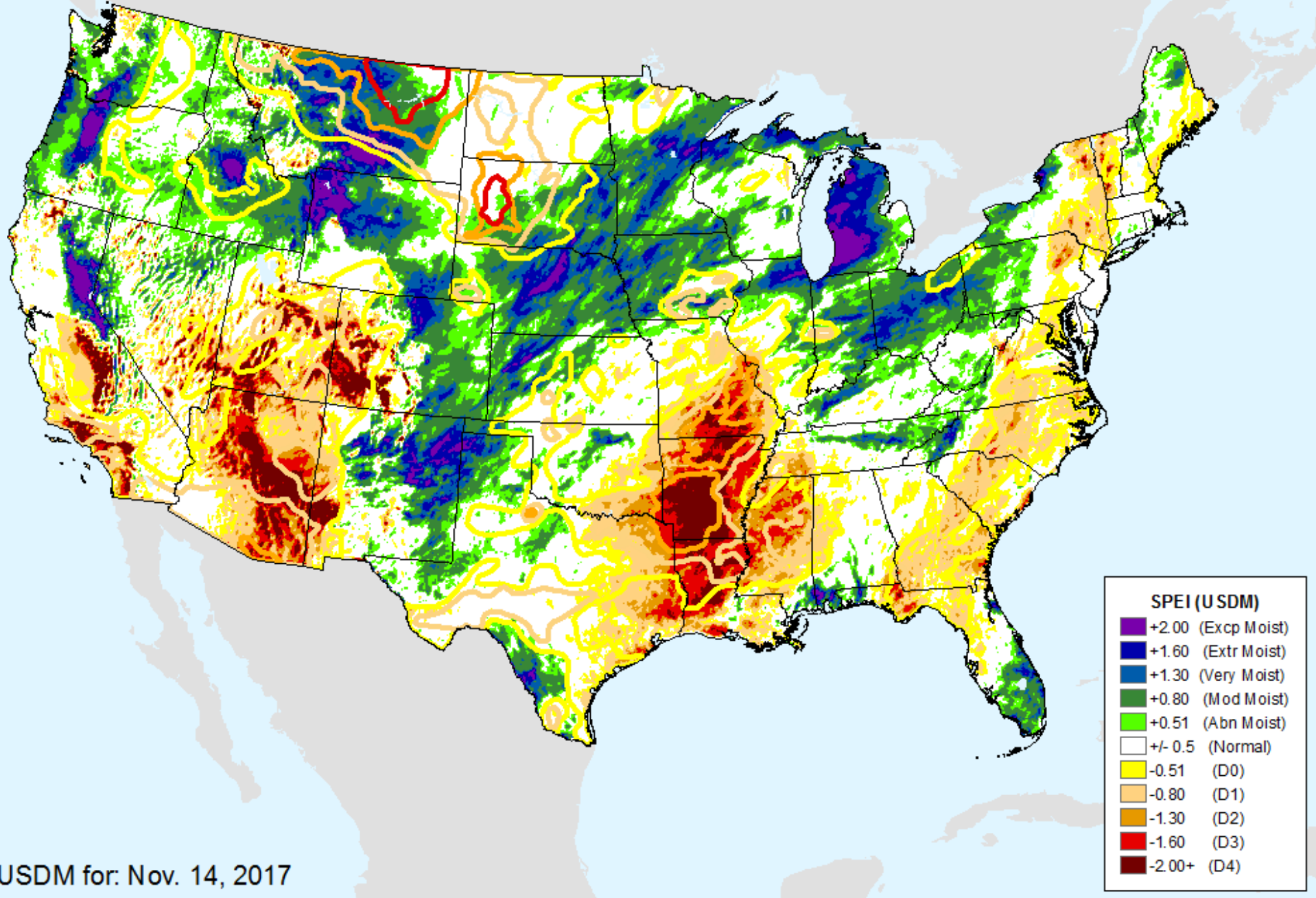


USDM for: Nov. 14, 2017



# AHPS 2-month SPEI

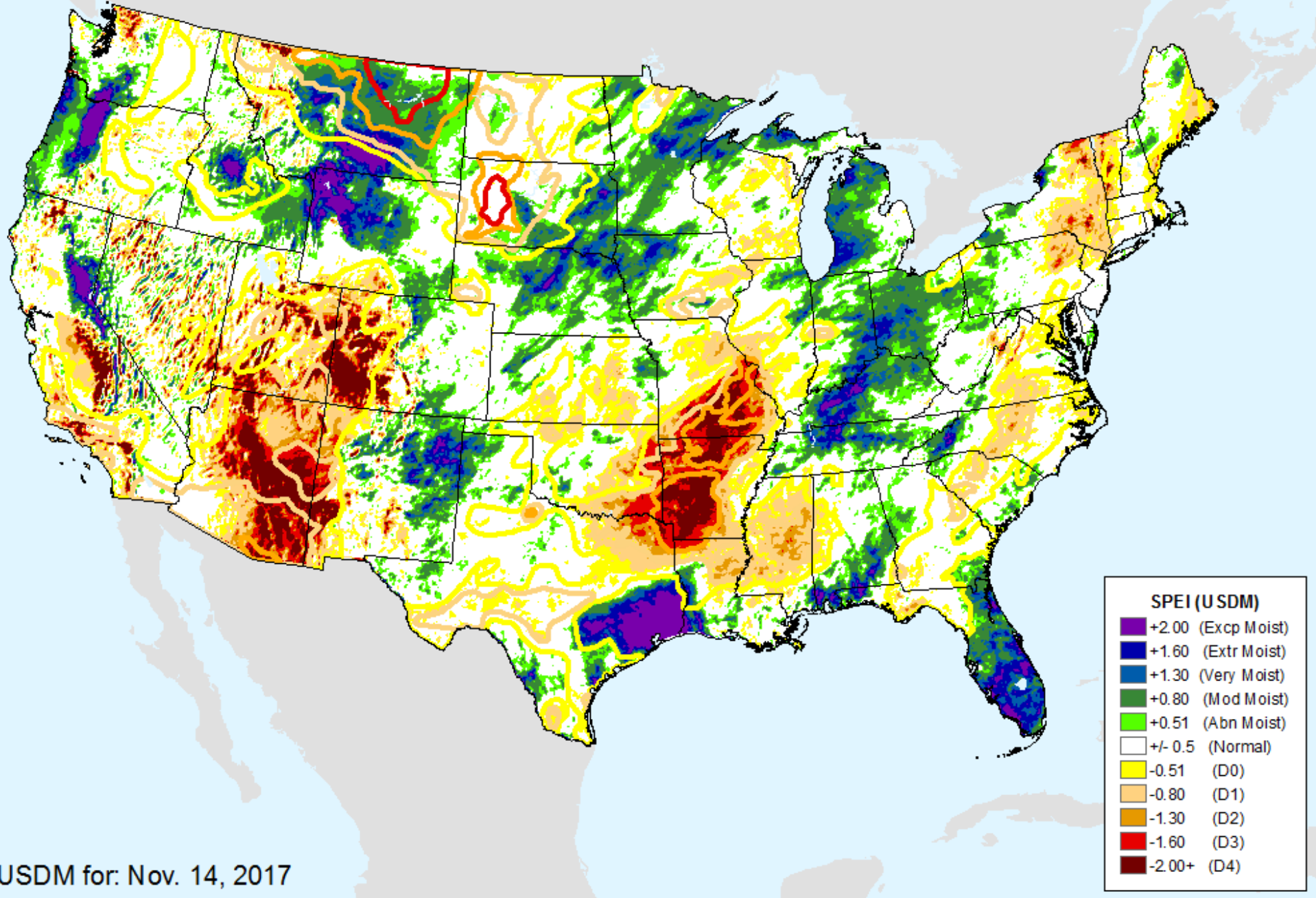
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# AHPS 3-month SPEI

As of: Tuesday, November 21, 2017

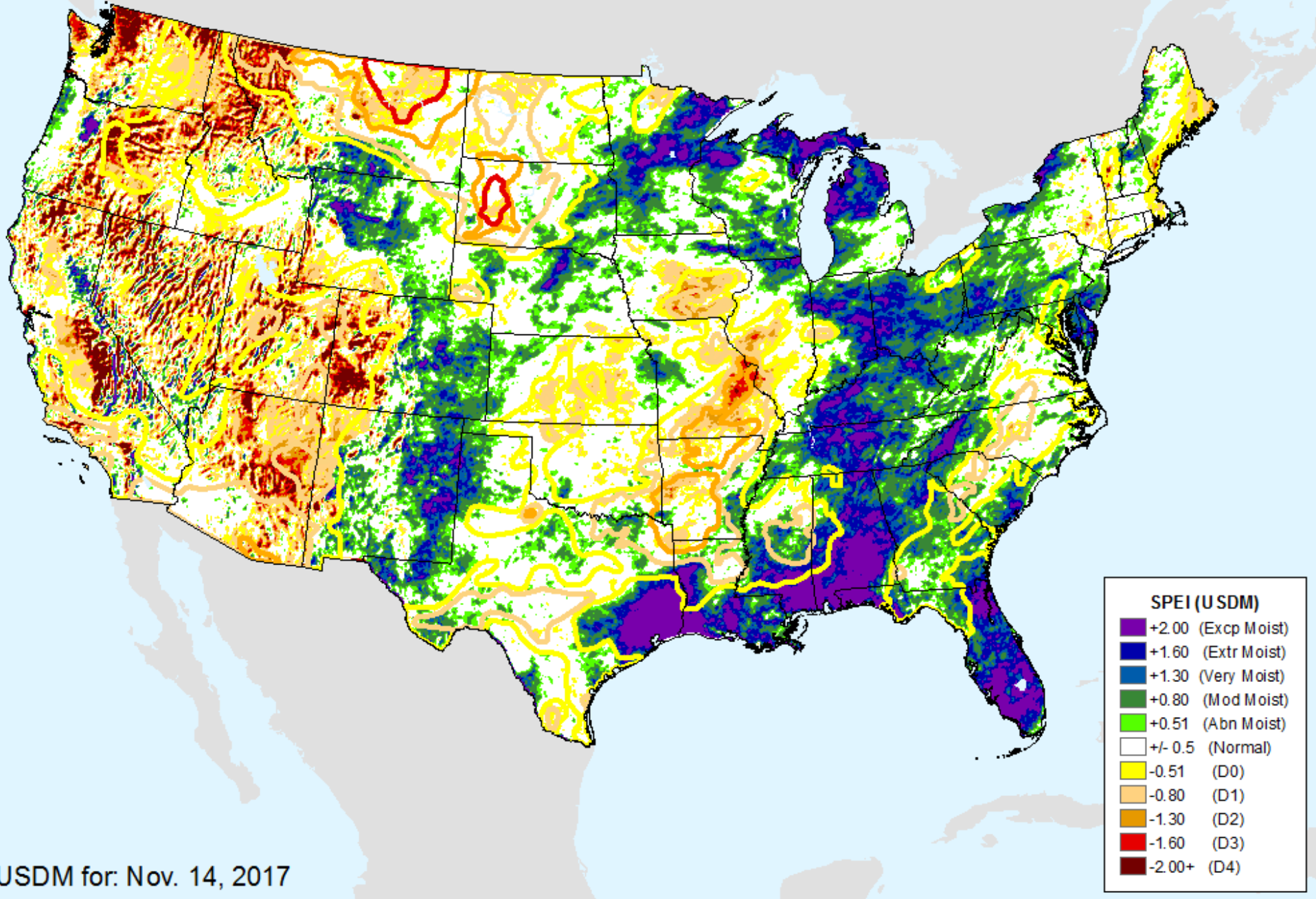


USDM for: Nov. 14, 2017



# AHPS 6-month SPEI

As of: Tuesday, November 21, 2017

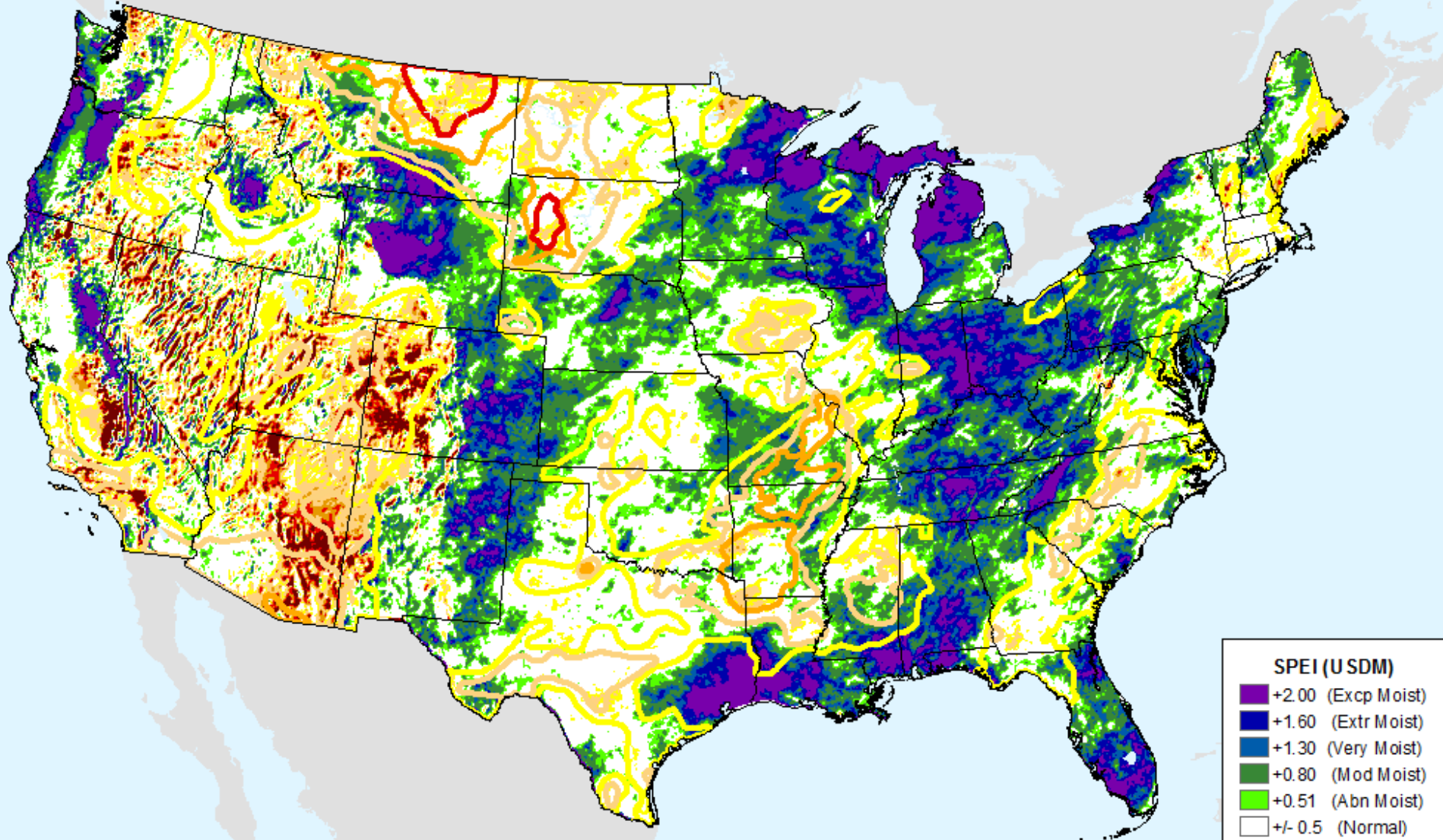


USDM for: Nov. 14, 2017



# AHPS 9-month SPEI

As of: Tuesday, November 21, 2017



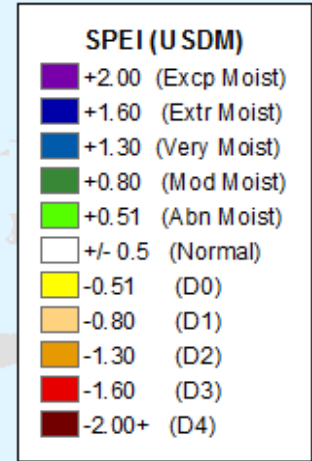
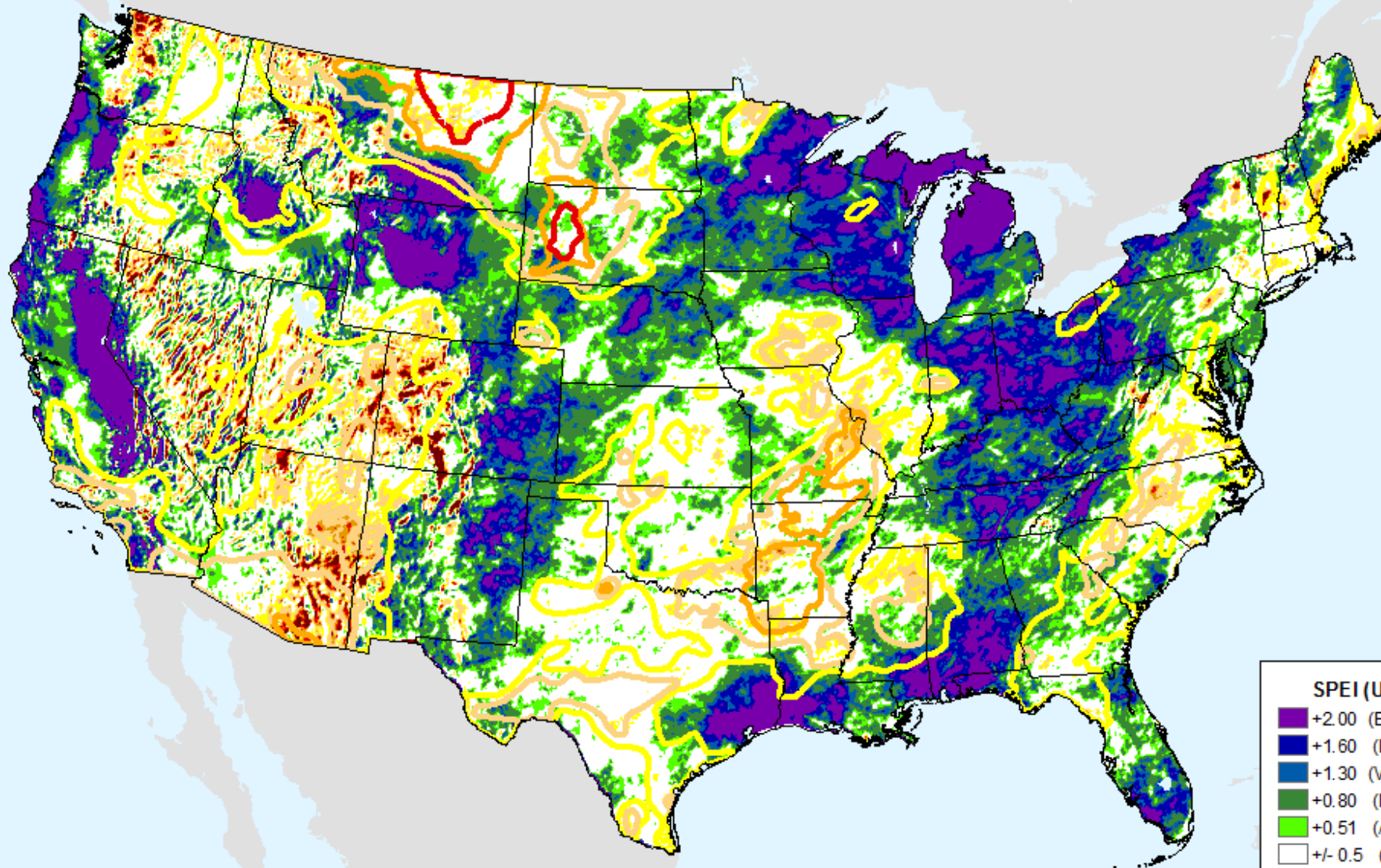
### SPEI (USDM)

- +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: Nov. 14, 2017

# AHPS 12-month SPEI

As of: Tuesday, November 21, 2017

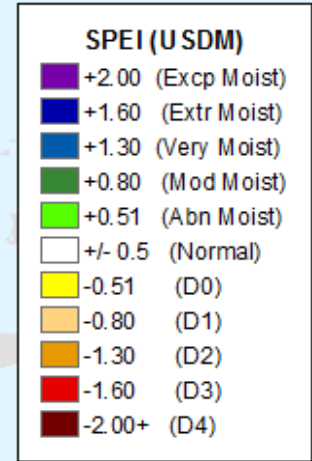
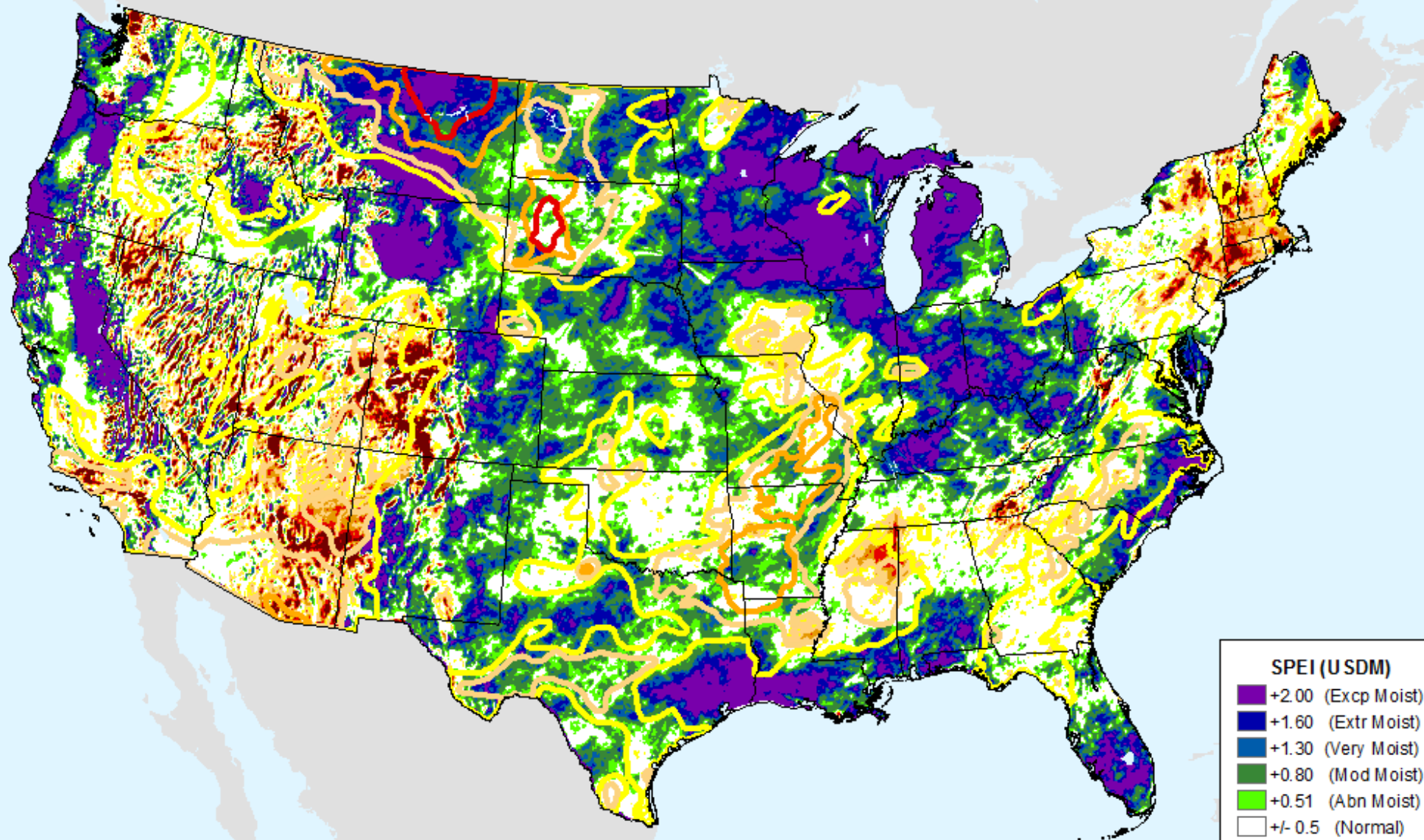


USDM for: Nov. 14, 2017



# AHPS 24-month SPEI

As of: Tuesday, November 21, 2017

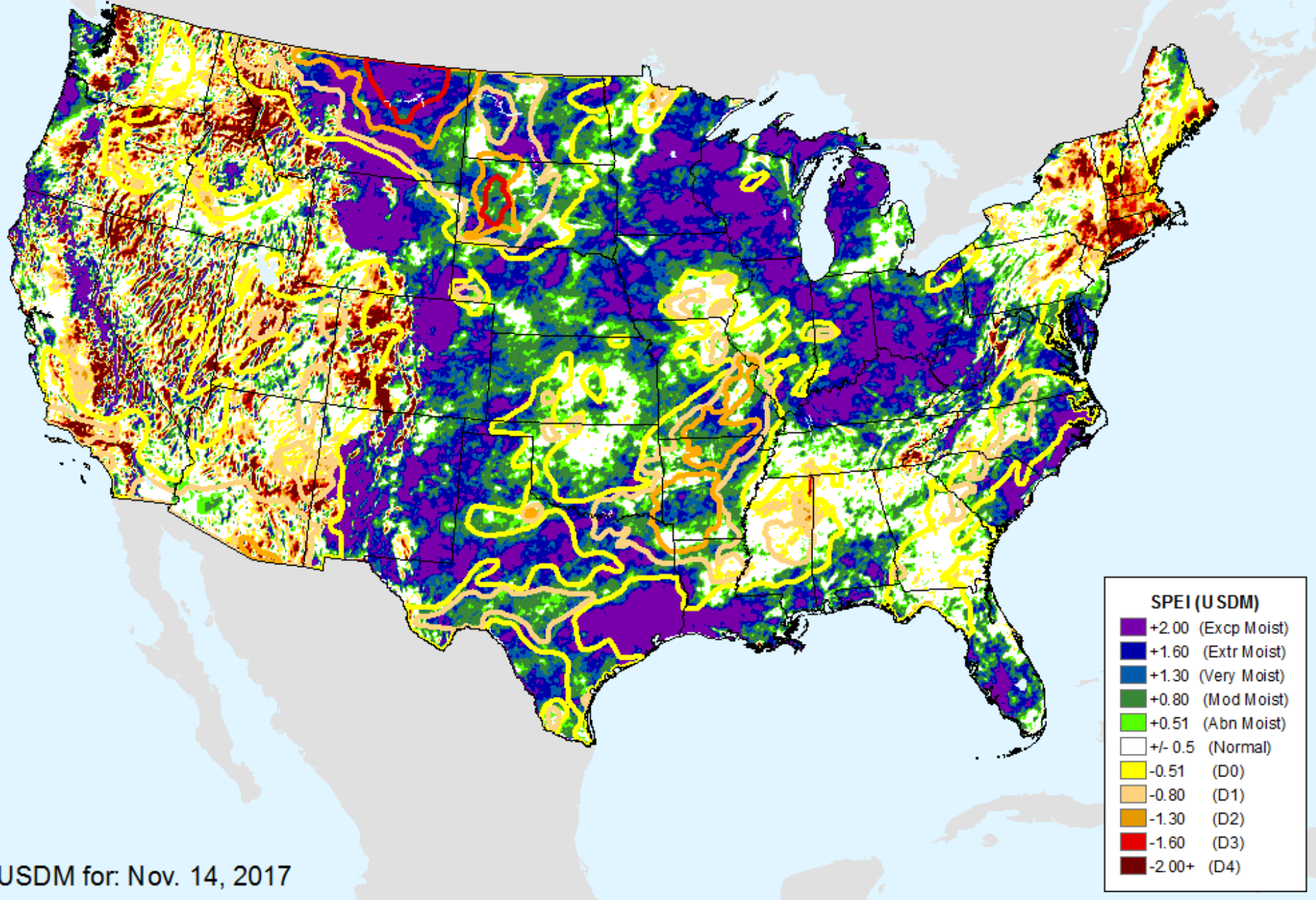


USDM for: Nov. 14, 2017



# AHPS 36-month SPEI

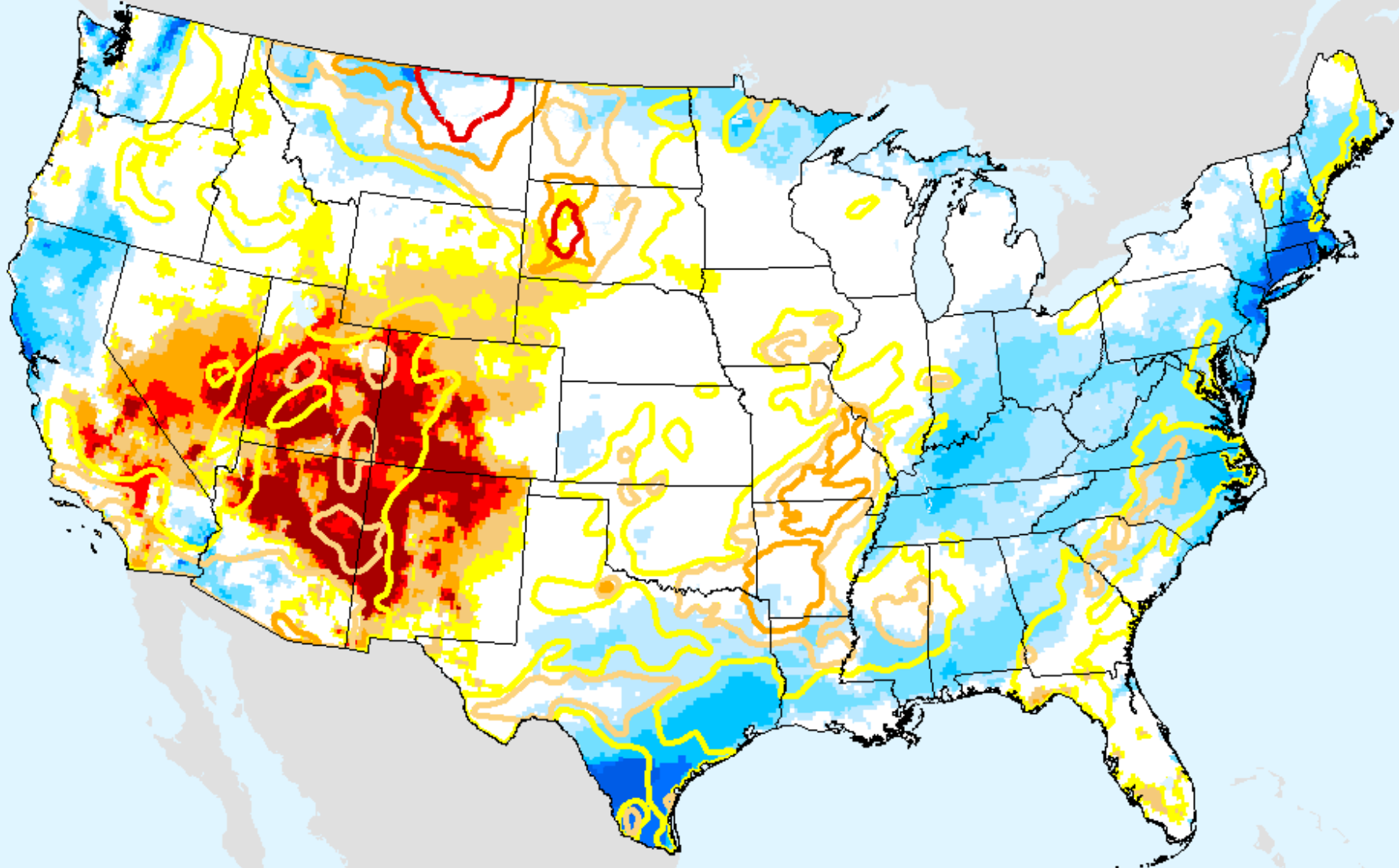
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# EDDI 1-week

As of: Tuesday, November 21, 2017

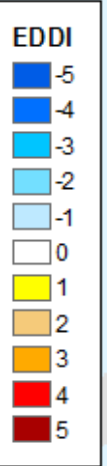
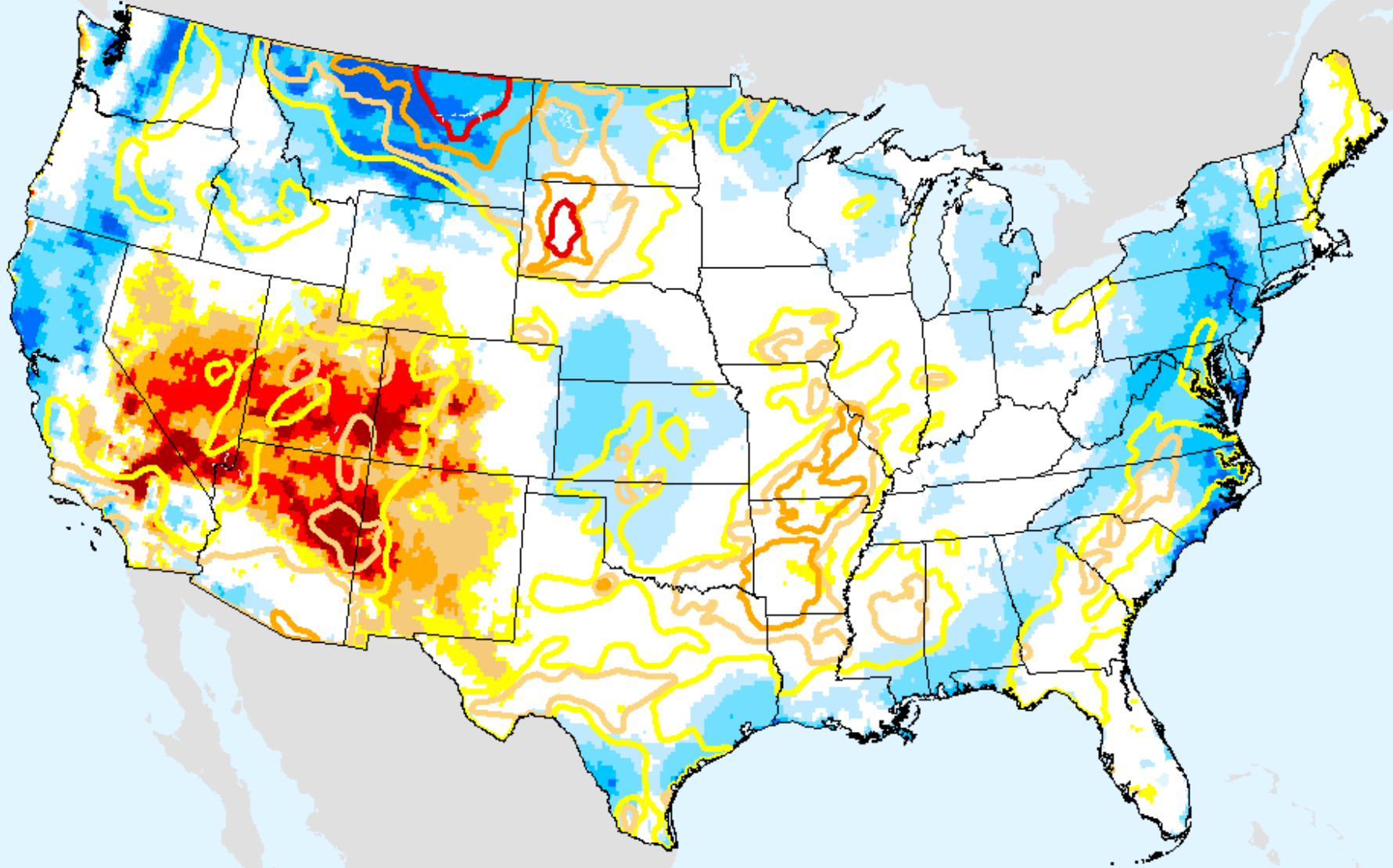


EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	0
Yellow	1
Light Orange	2
Orange	3
Red	4
Dark Red	5

USDM for: Nov. 14, 2017

# EDDI 2-week

As of: Tuesday, November 21, 2017

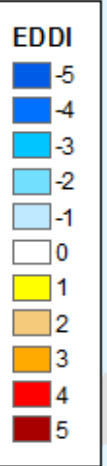
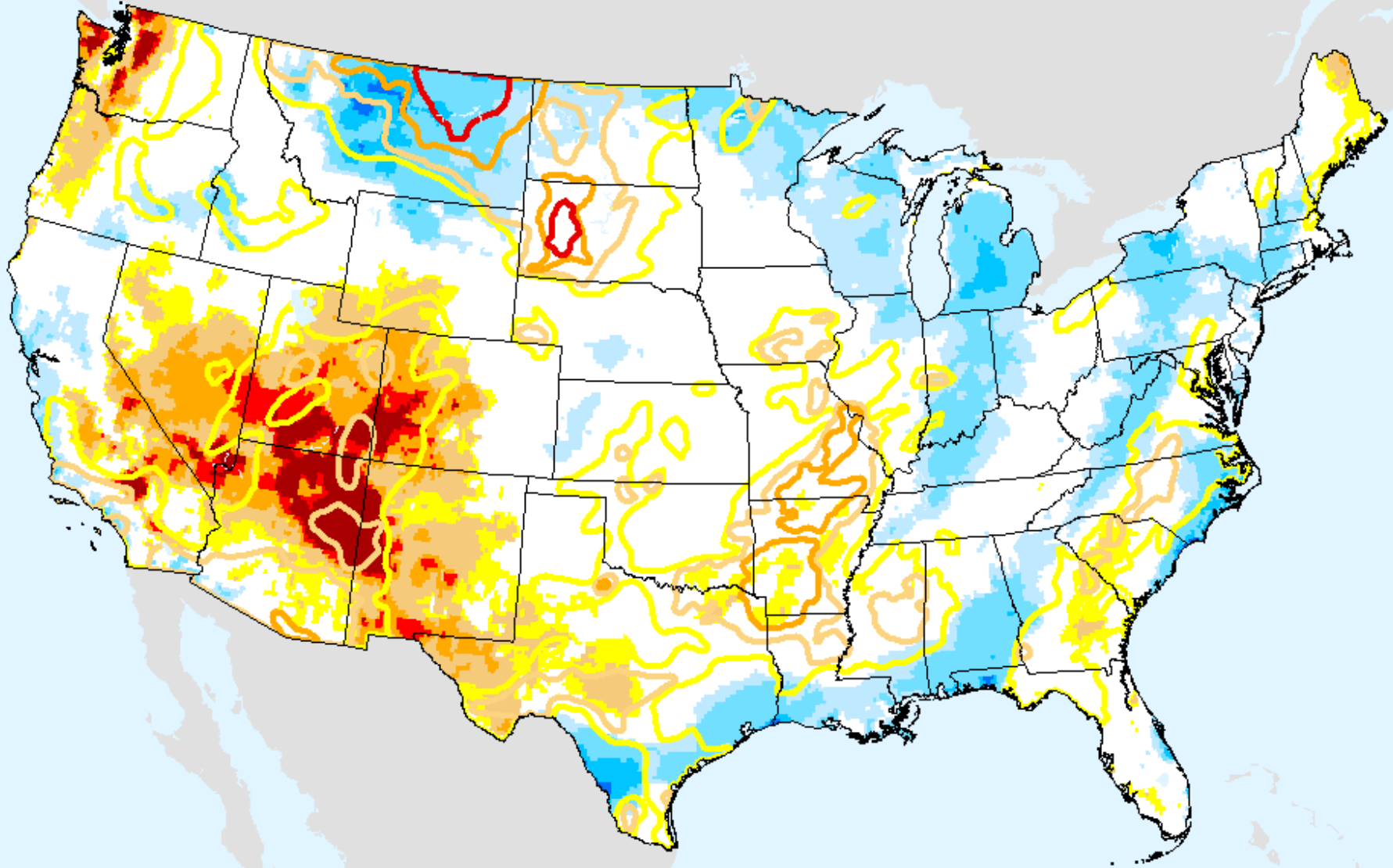


USDM for: Nov. 14, 2017



# EDDI 3-week

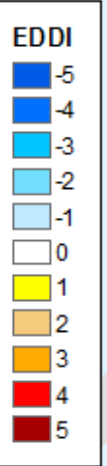
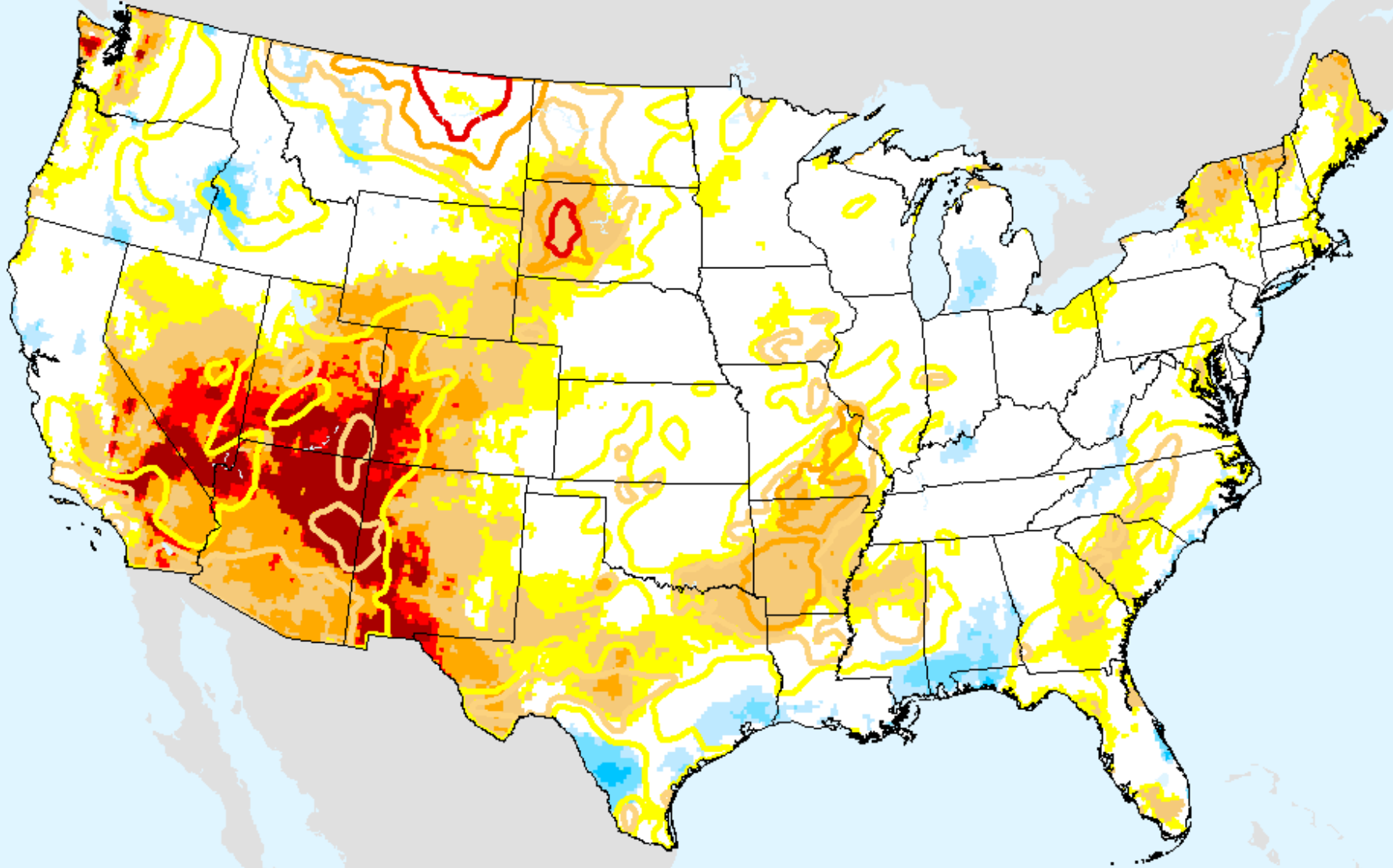
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# EDDI 4-week

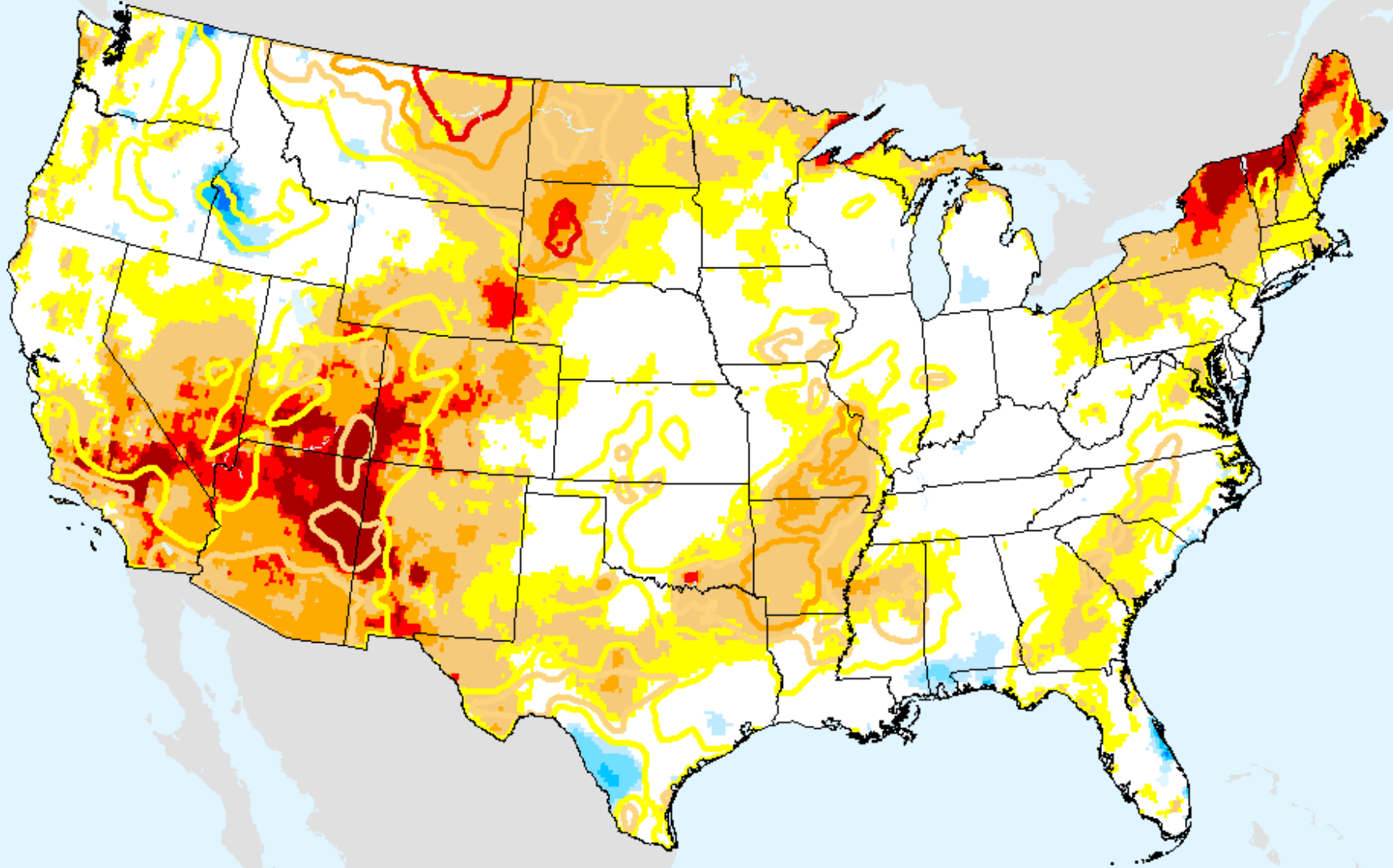
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# EDDI 5-week

As of: Tuesday, November 21, 2017

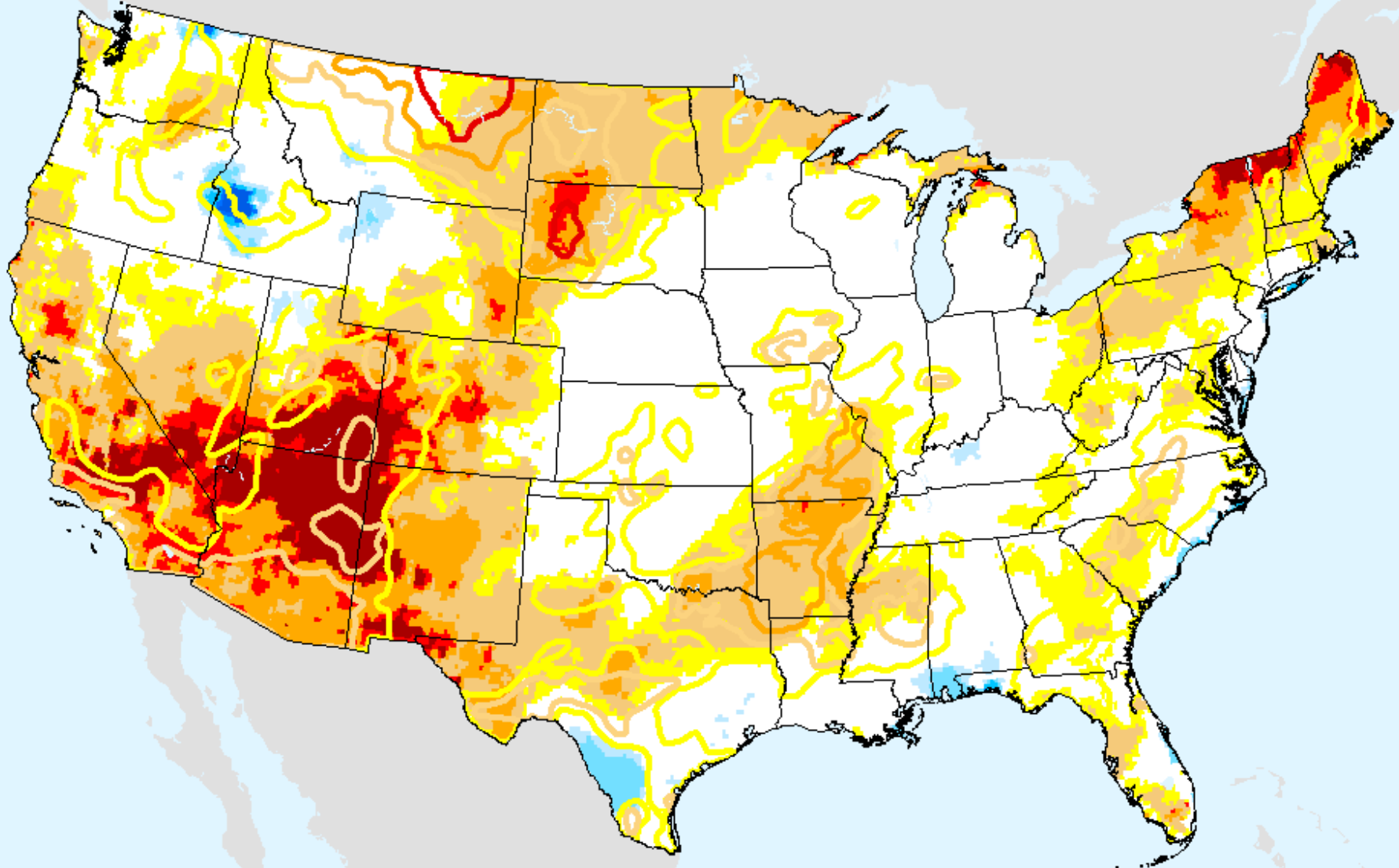


USDM for: Nov. 14, 2017



# EDDI 6-week

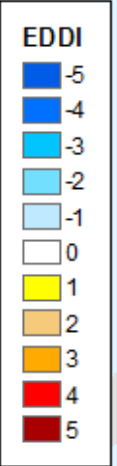
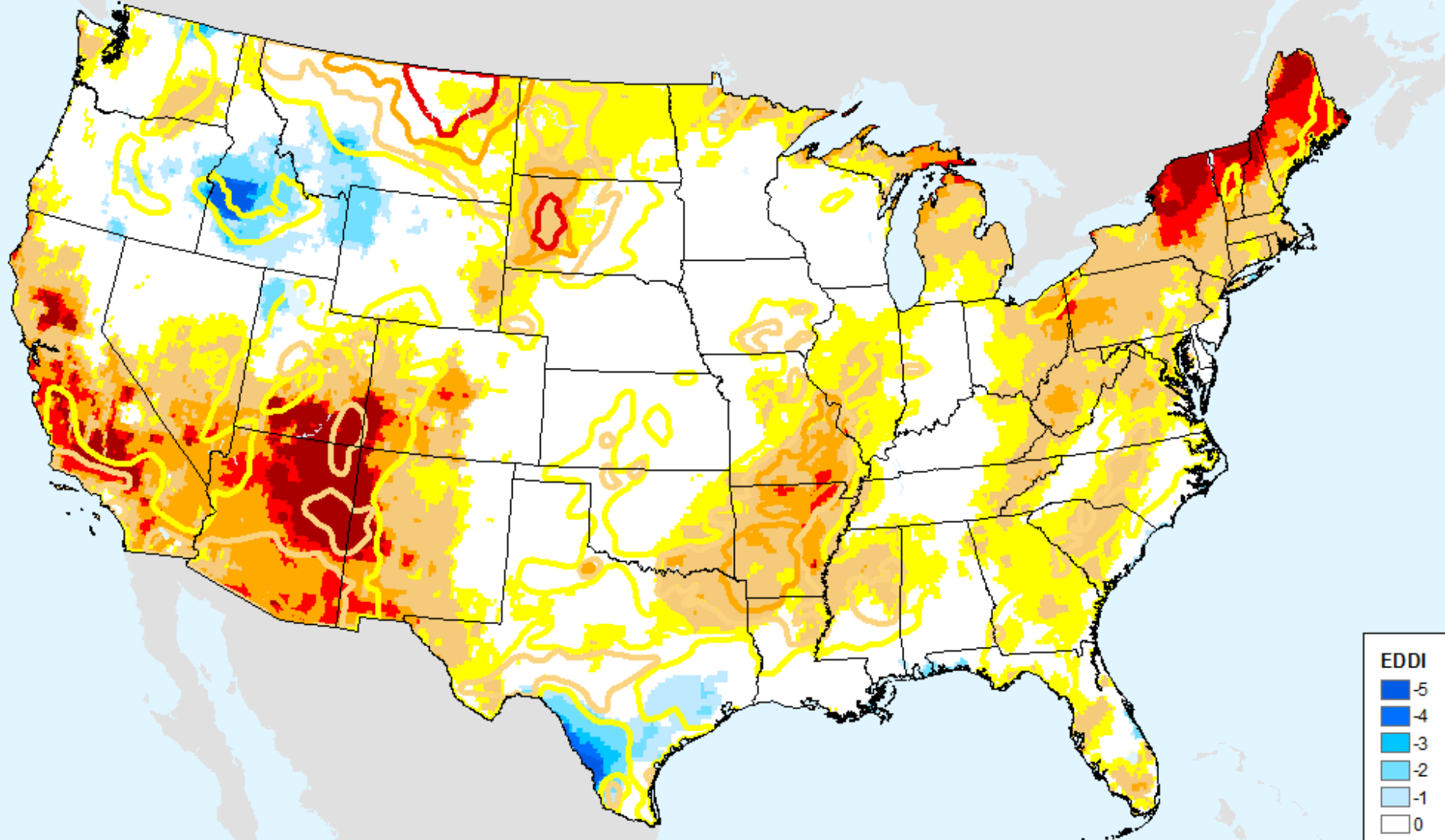
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# EDDI 7-week

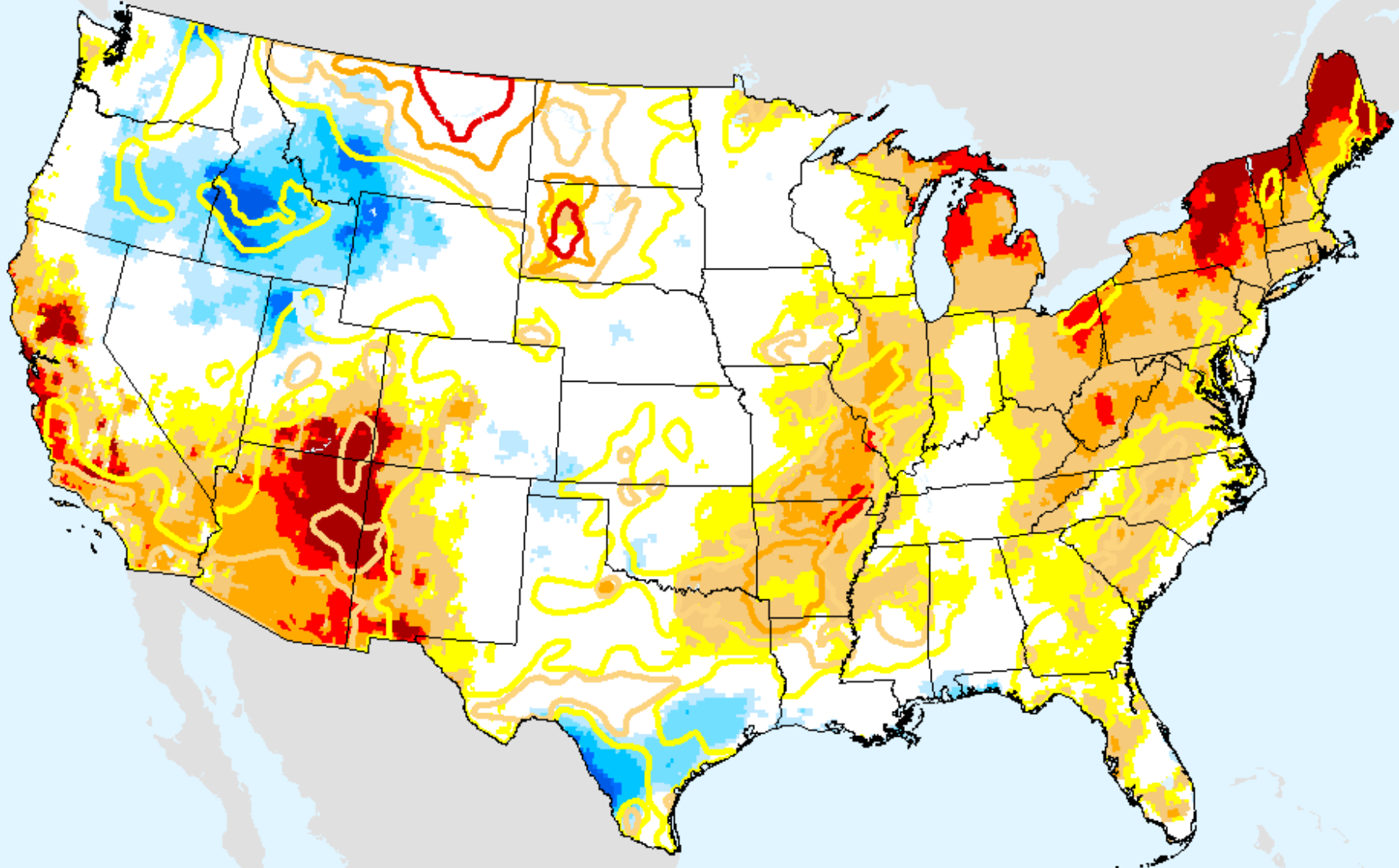
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# EDDI 8-week

As of: Tuesday, November 21, 2017



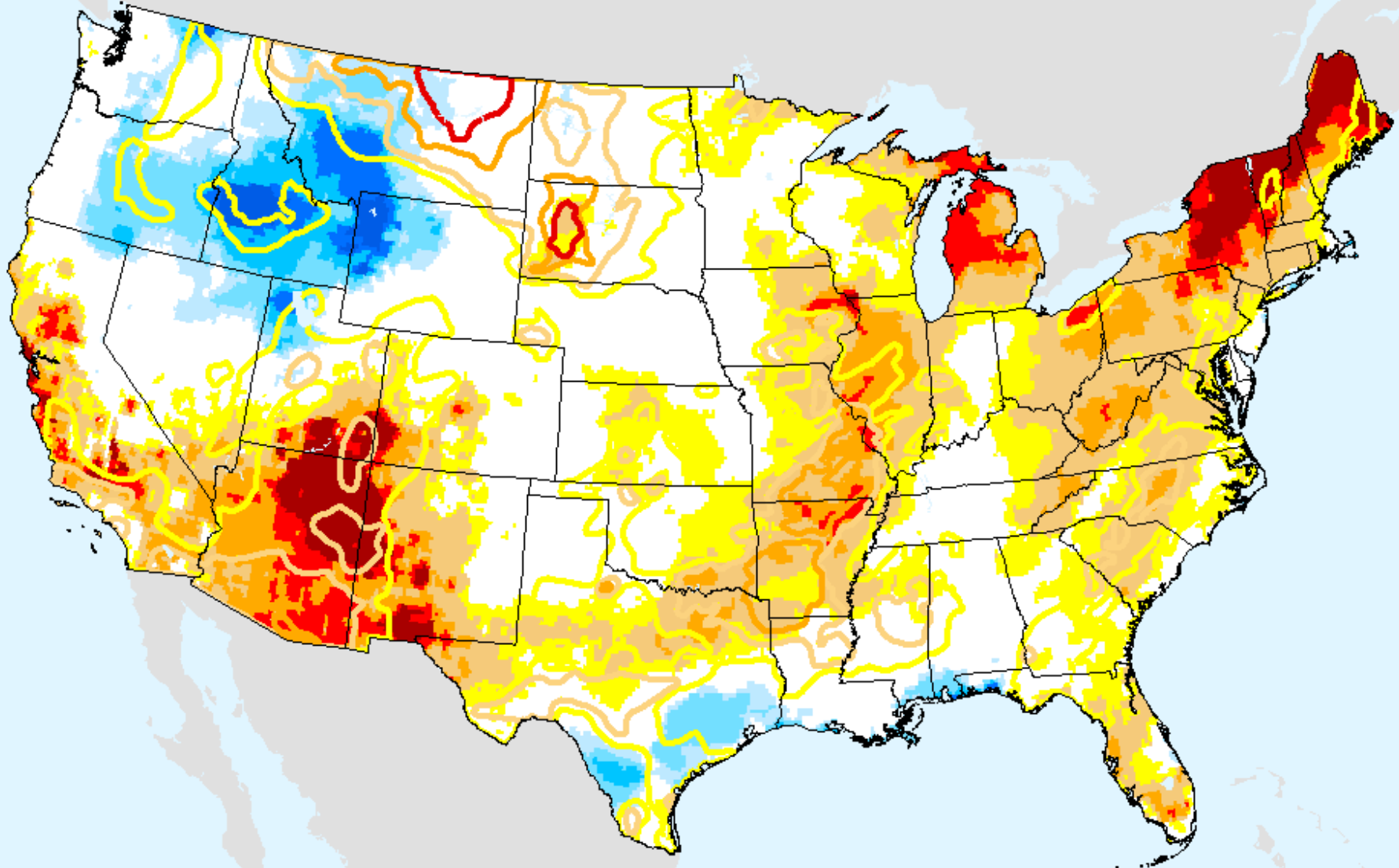
EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Orange	2
Dark Orange	3
Red	4
Dark Red	5

USDM for: Nov. 14, 2017



# EDDI 9-week

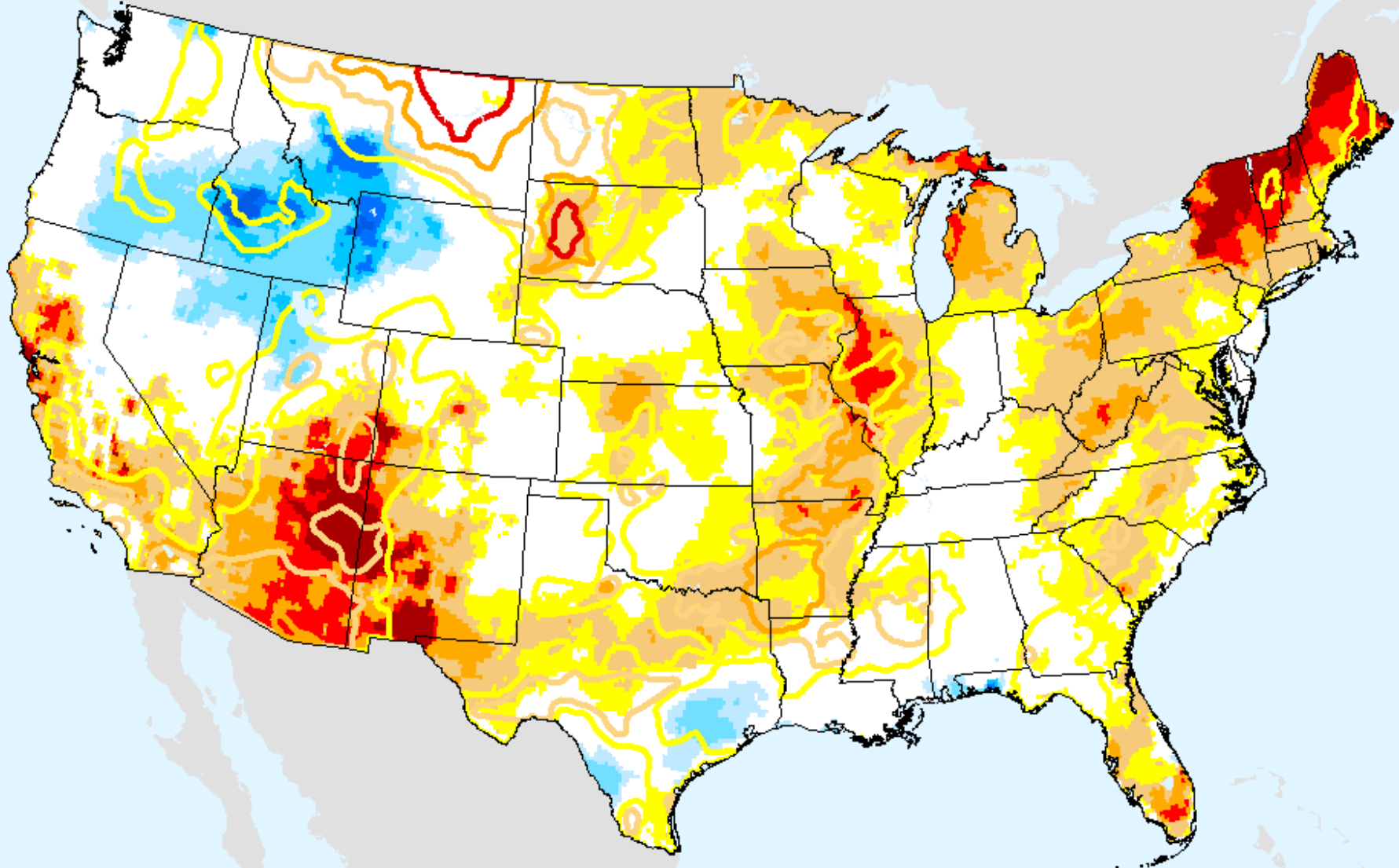
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# EDDI 10-week

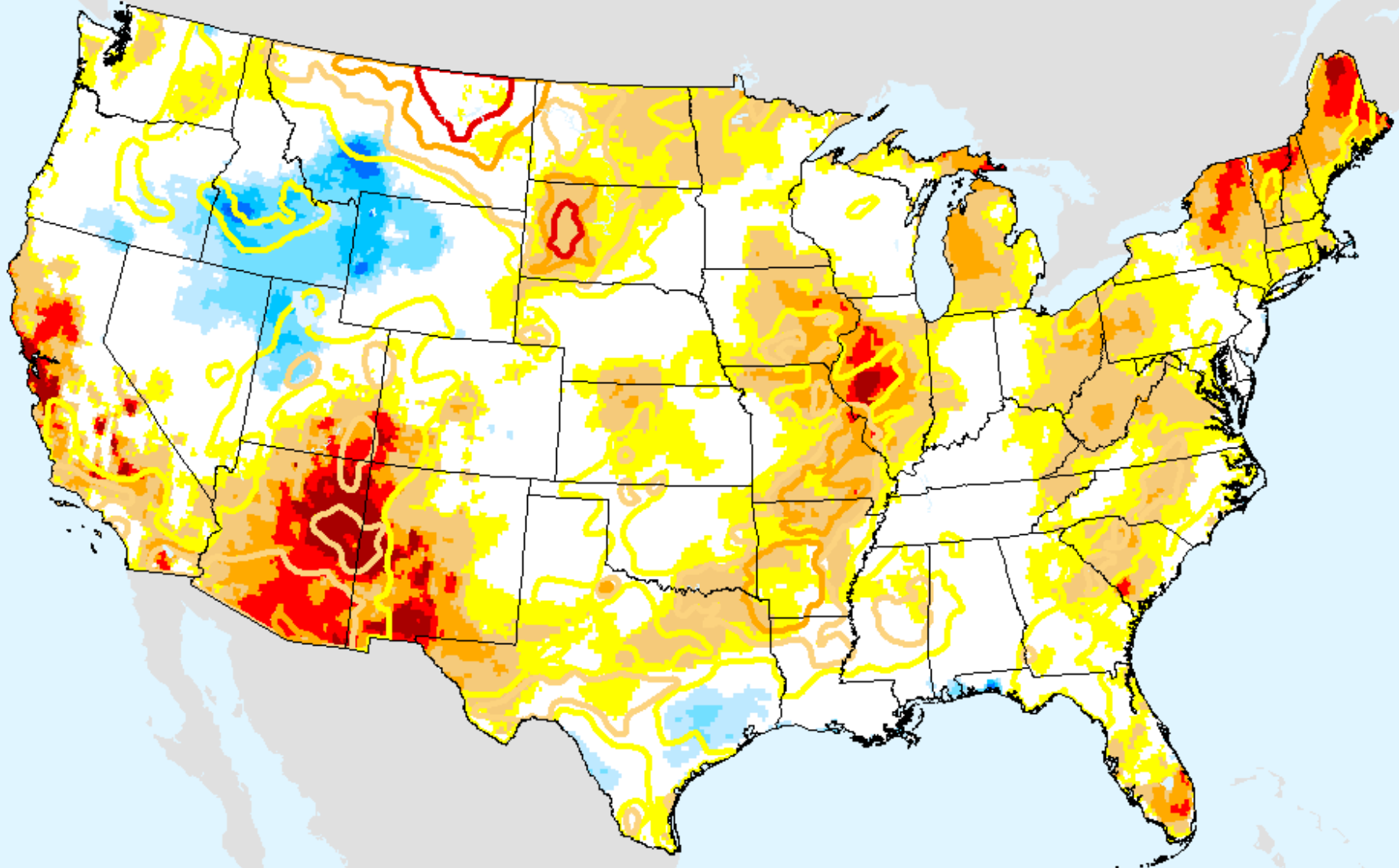
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# EDDI 11-week

As of: Tuesday, November 21, 2017



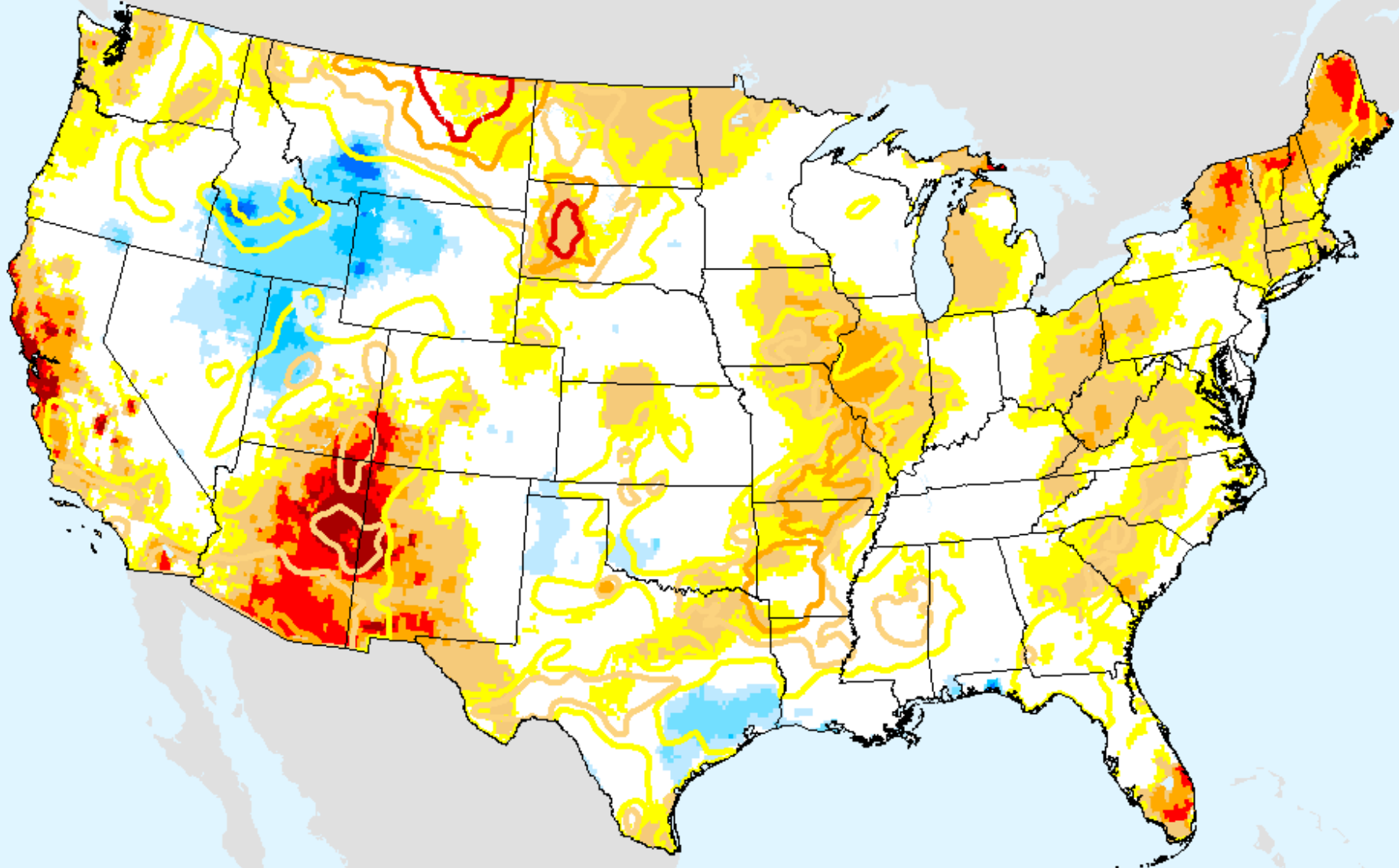
EDDI	
Dark Blue	-5
Blue	-4
Light Blue	-3
Very Light Blue	-2
White	-1
White	0
Yellow	1
Light Orange	2
Orange	3
Red	4
Dark Red	5

USDM for: Nov. 14, 2017



# EDDI 12-week

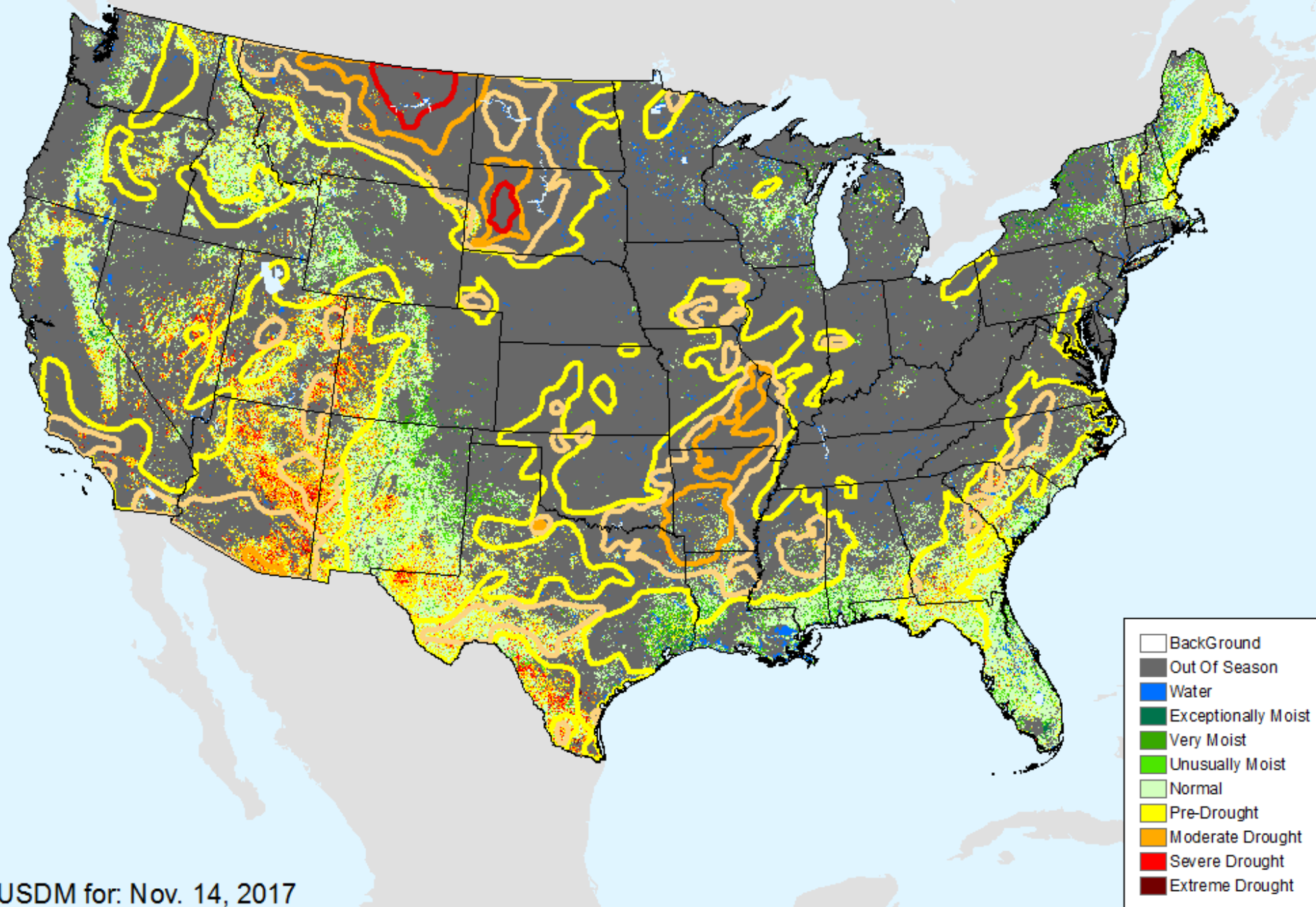
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# Vegetation Drought Response Index (VegDRI)

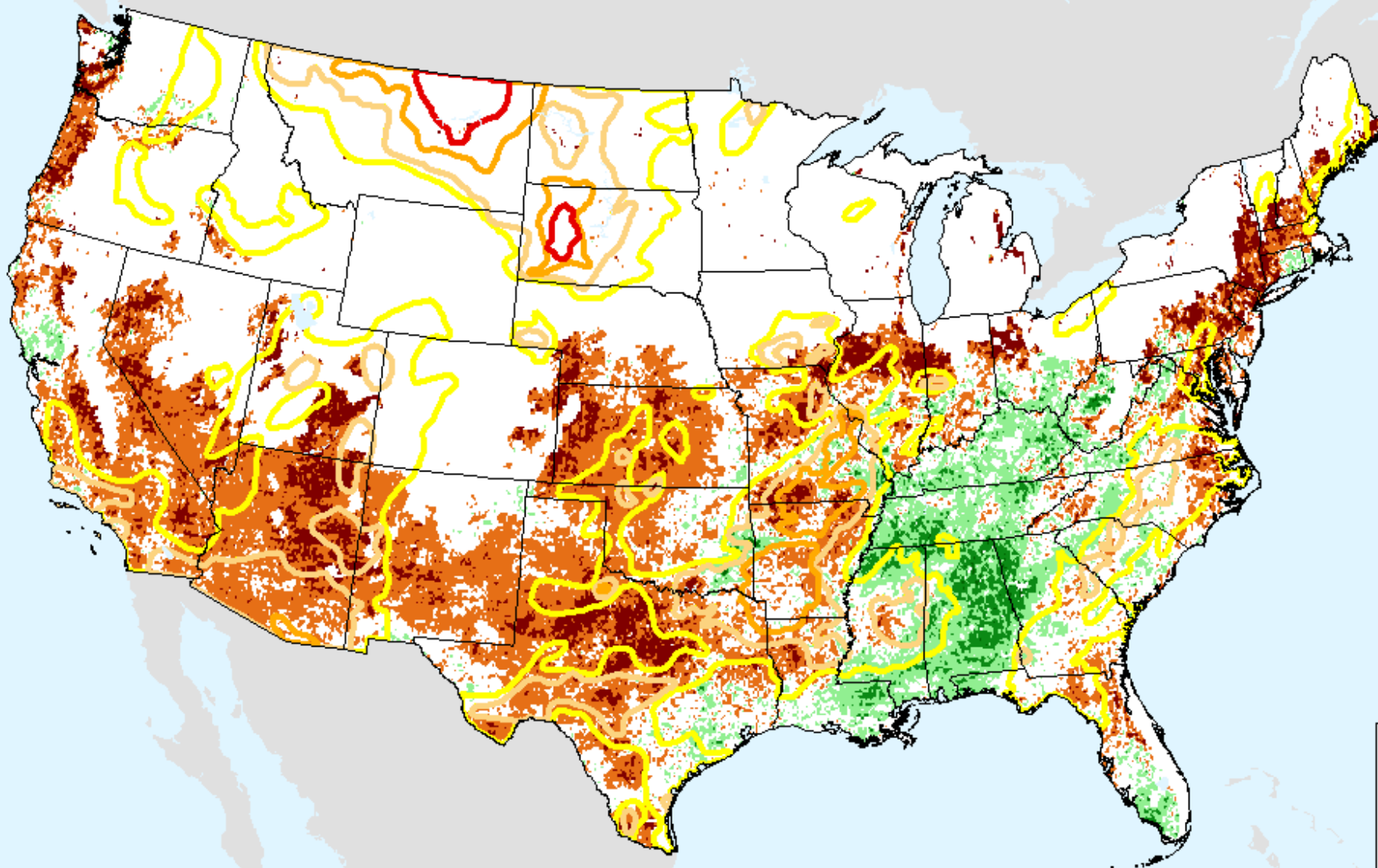
As of: Tuesday, November 21, 2017



USDM for: Nov. 14, 2017

# Evaporative Stress Index (ESI) 4-week

As of: Tuesday, November 21, 2017

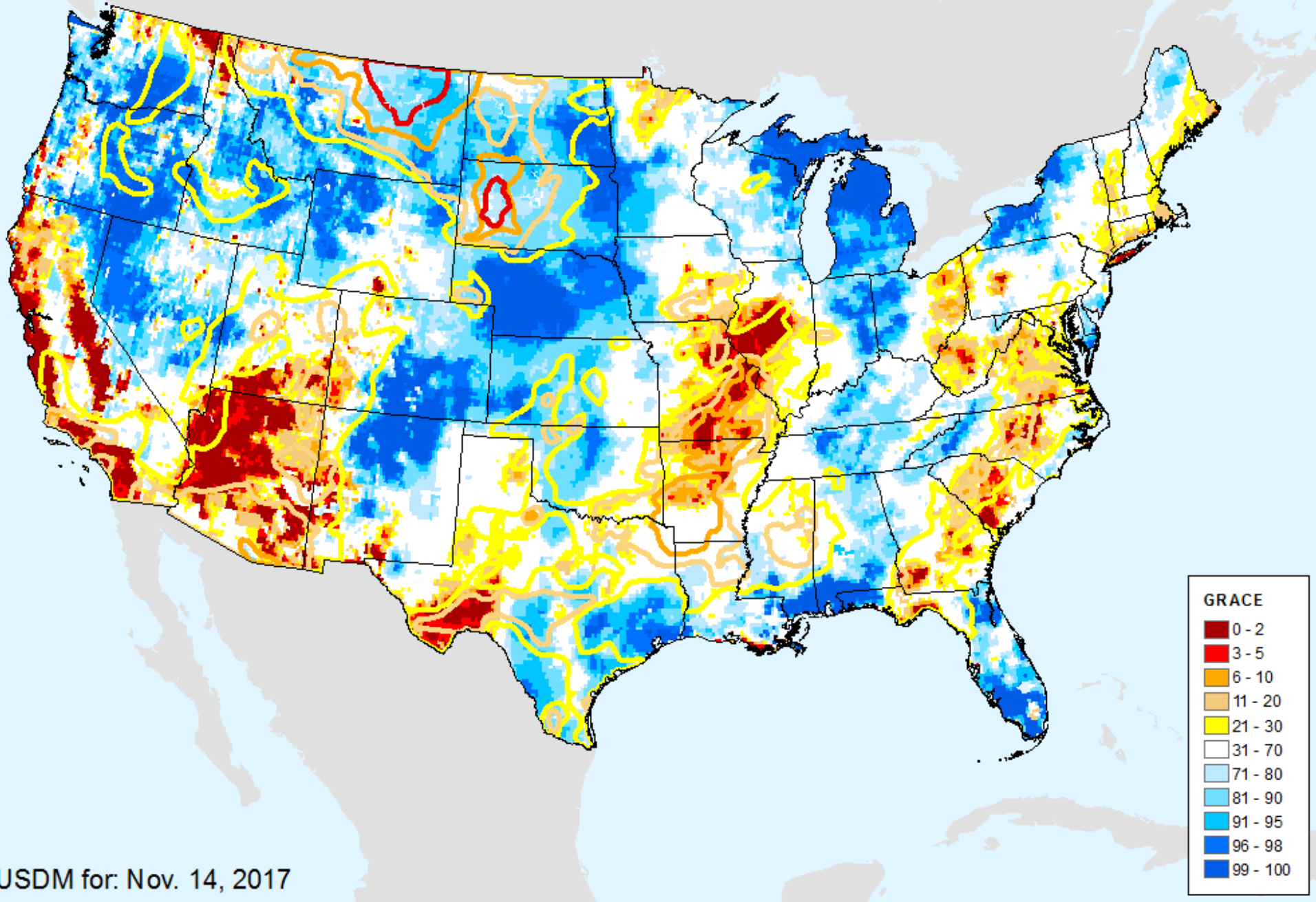


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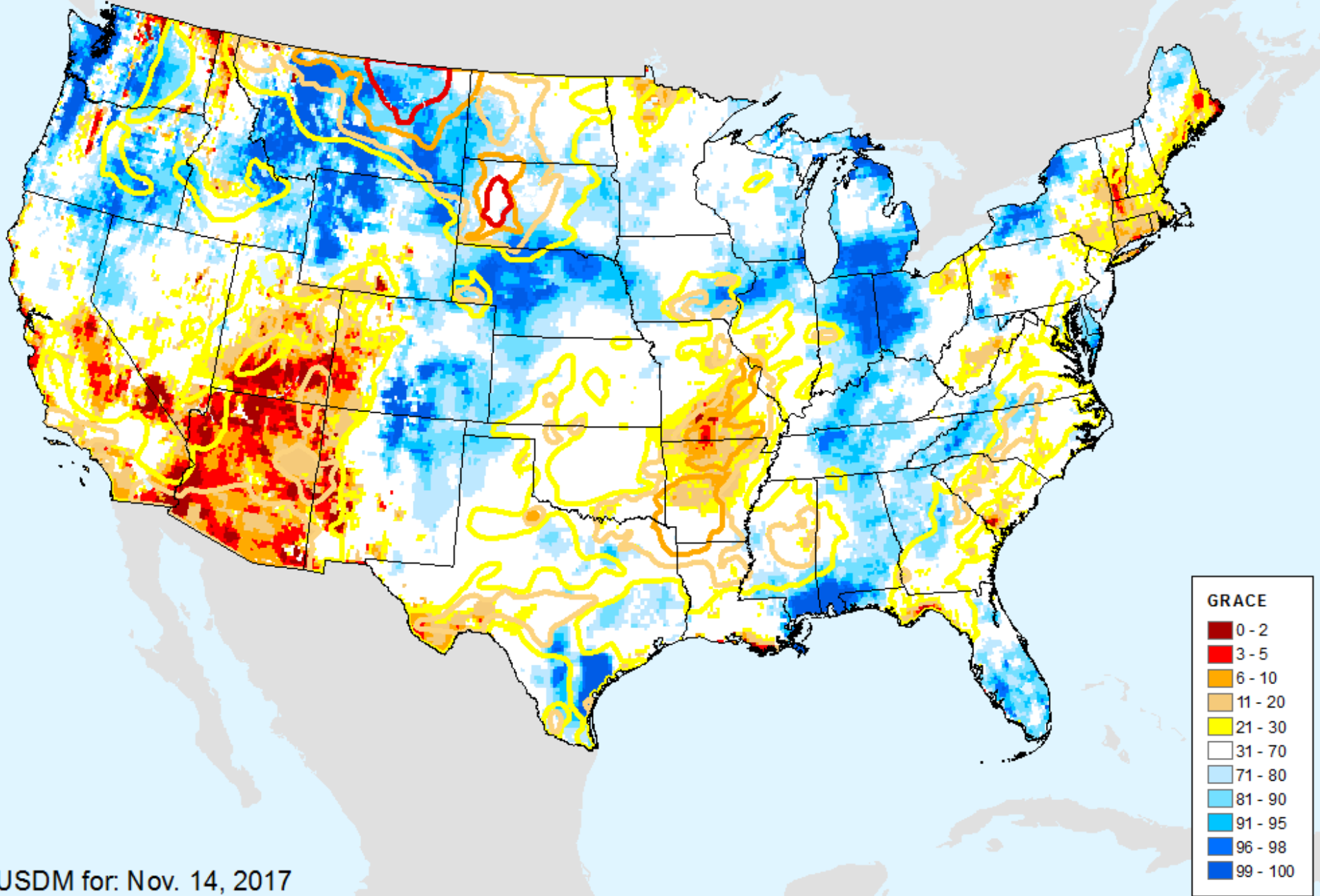
# GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, November 21, 2017



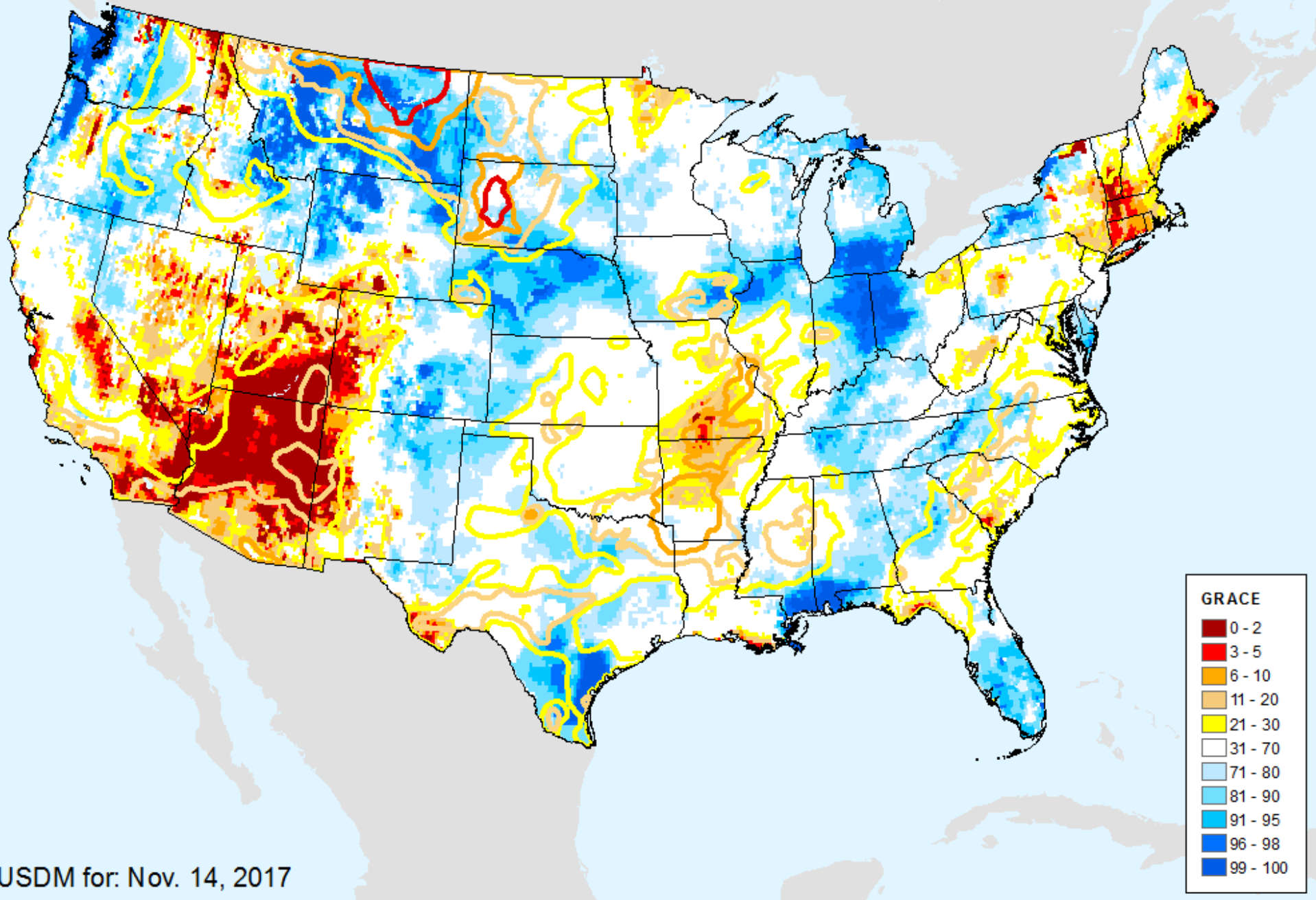
# GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, November 21, 2017



# GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, November 21, 2017

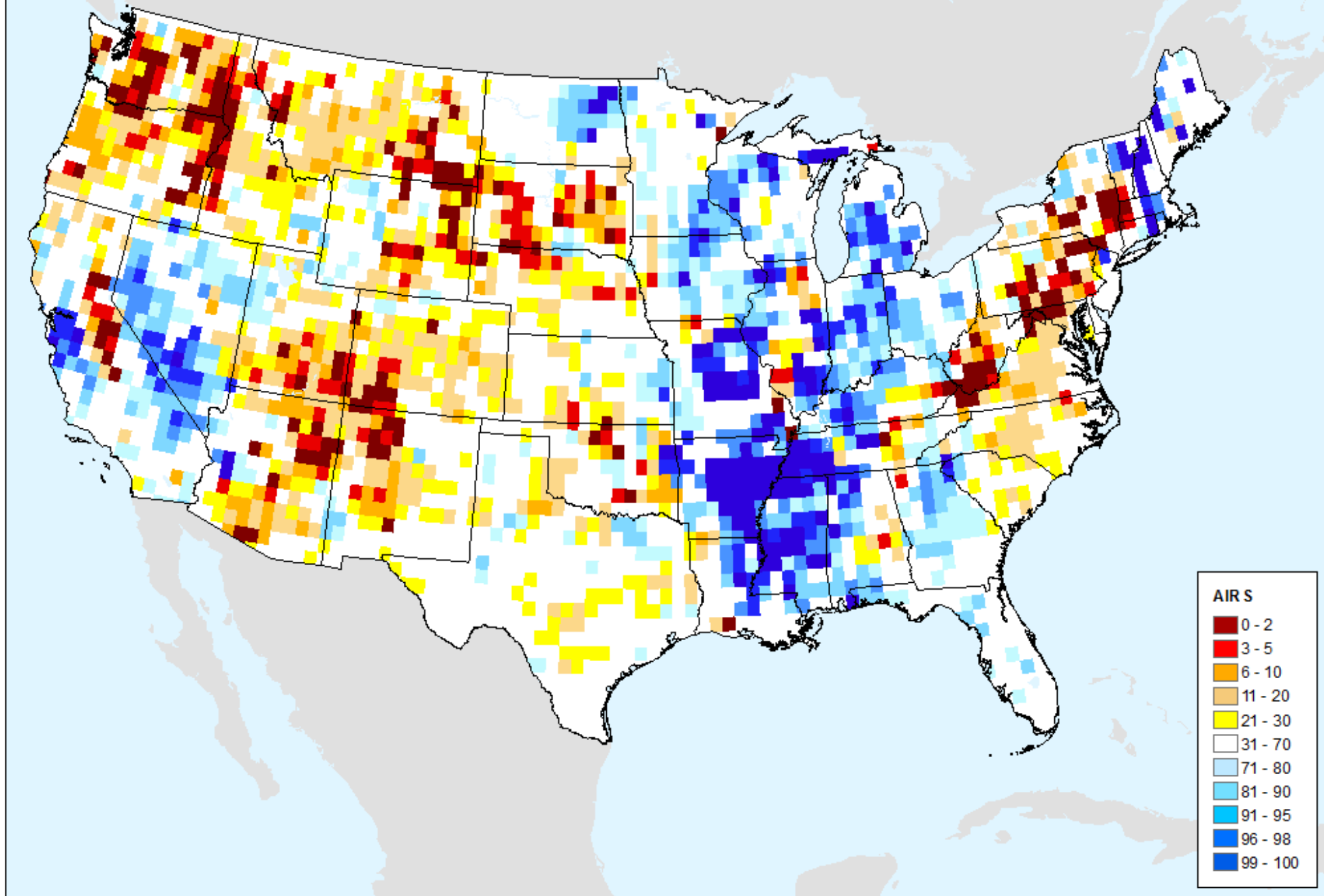


USDM for: Nov. 14, 2017



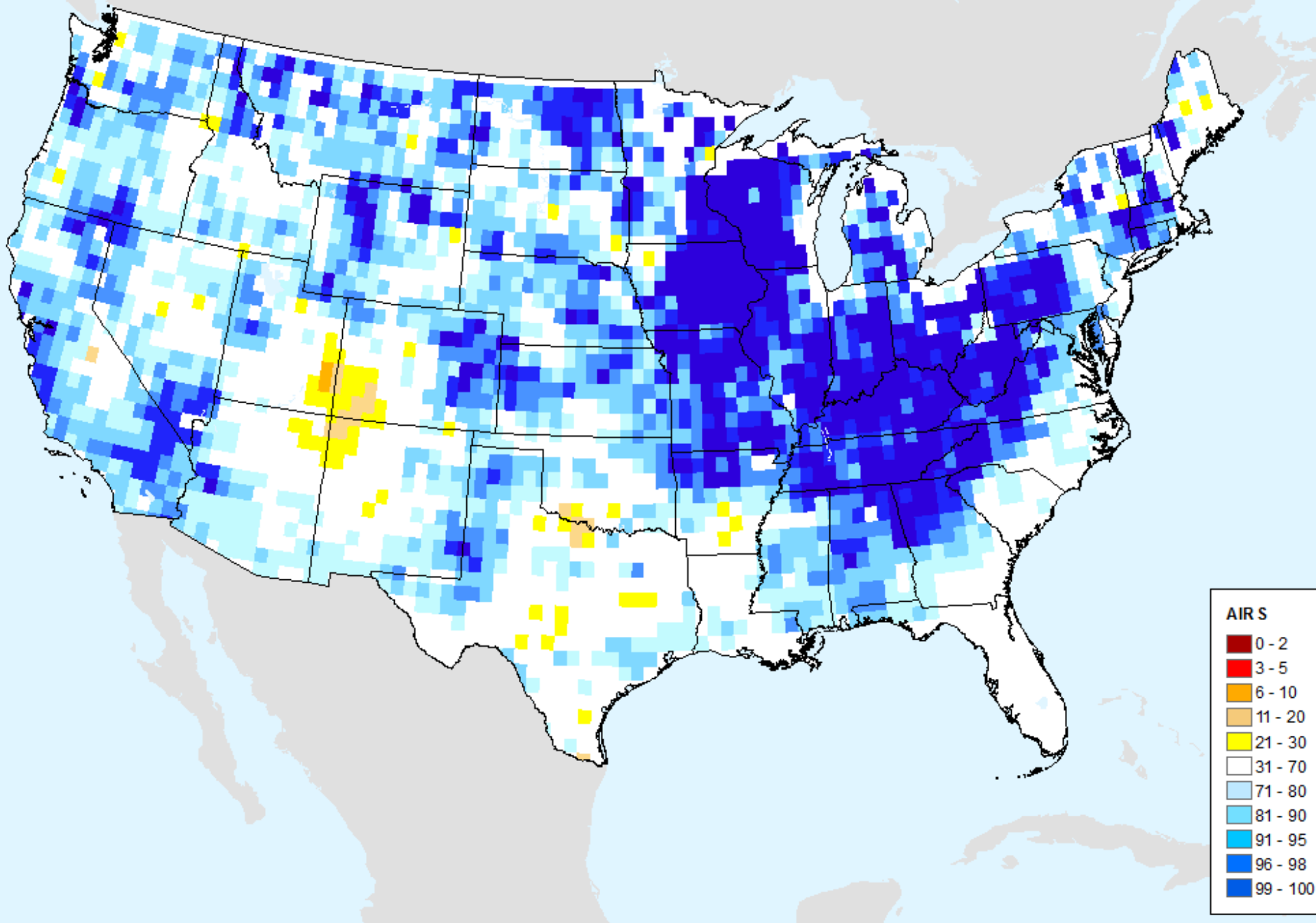
# AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, November 21, 2017



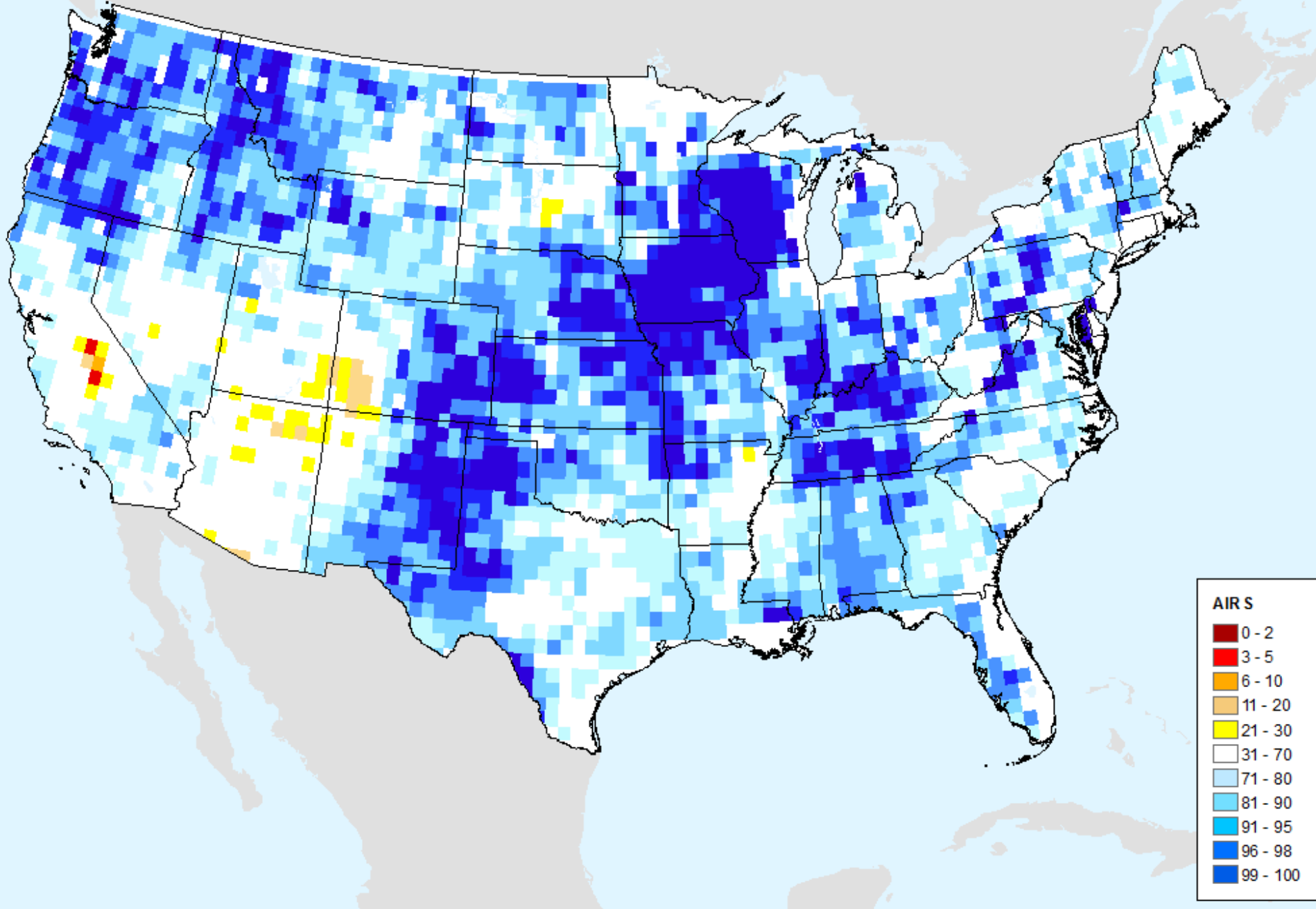
# AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, November 21, 2017



# AIRS-Based Surface Relative Humidity 56 Day

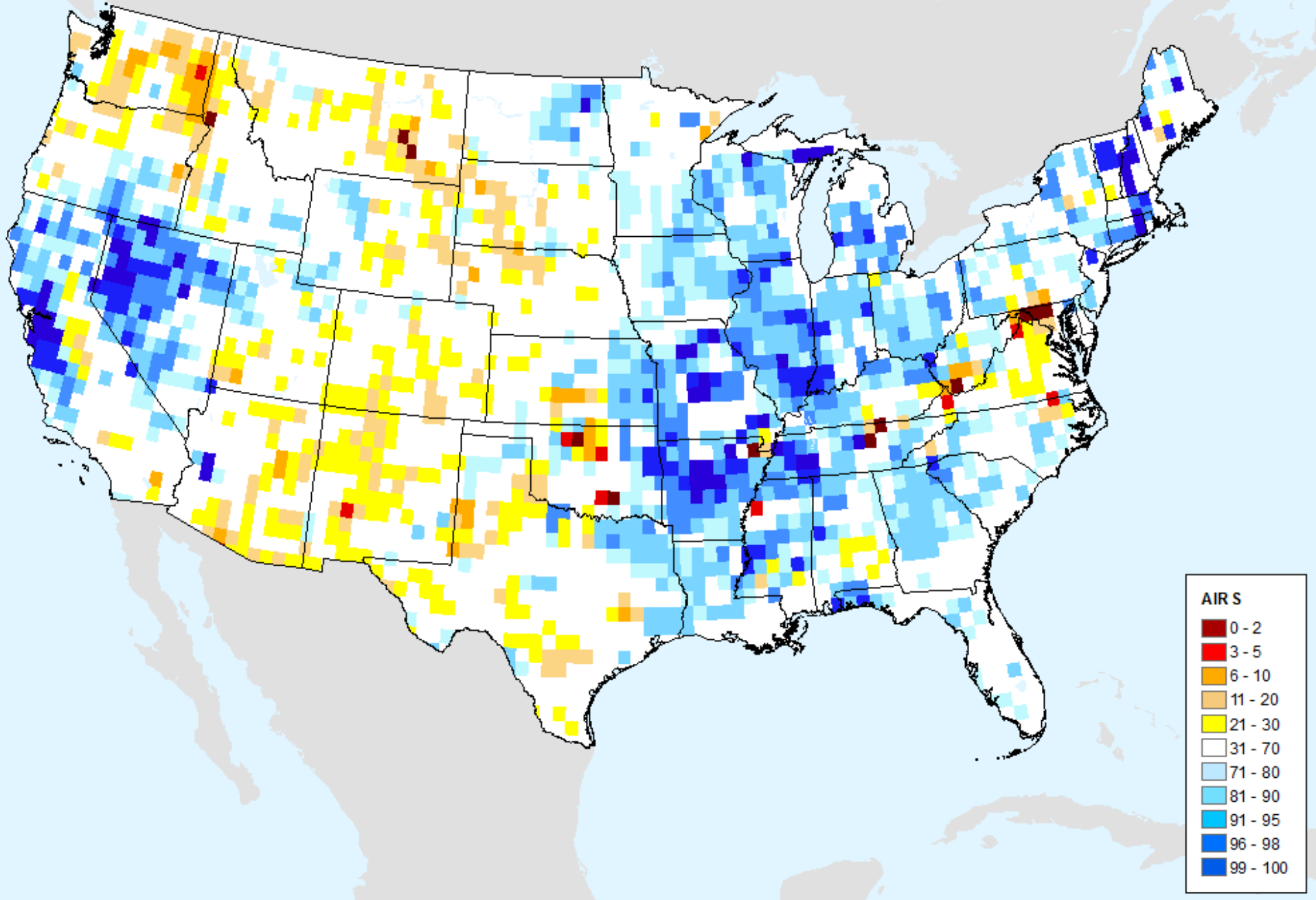
As of: Tuesday, November 21, 2017





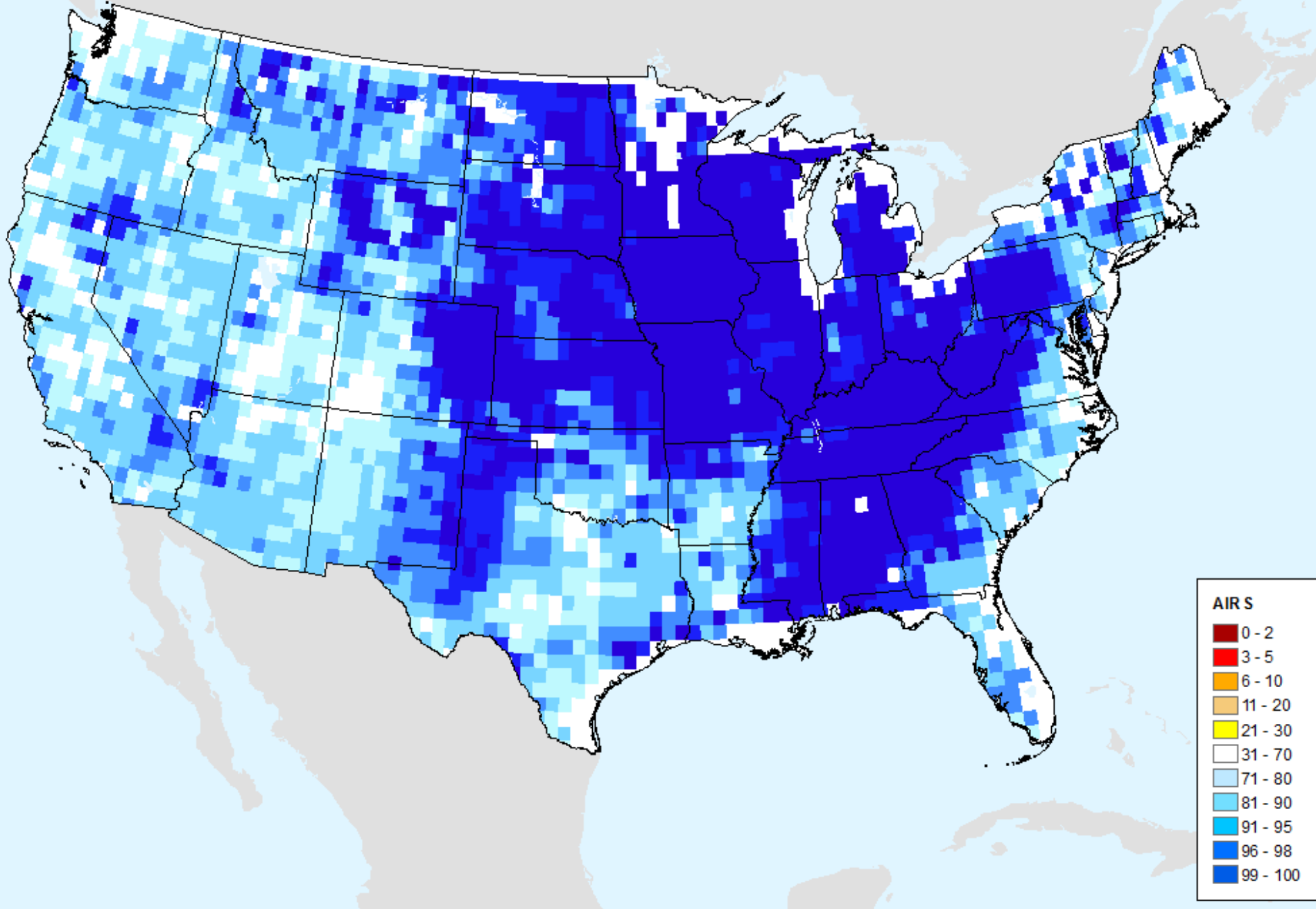
# AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, November 21, 2017



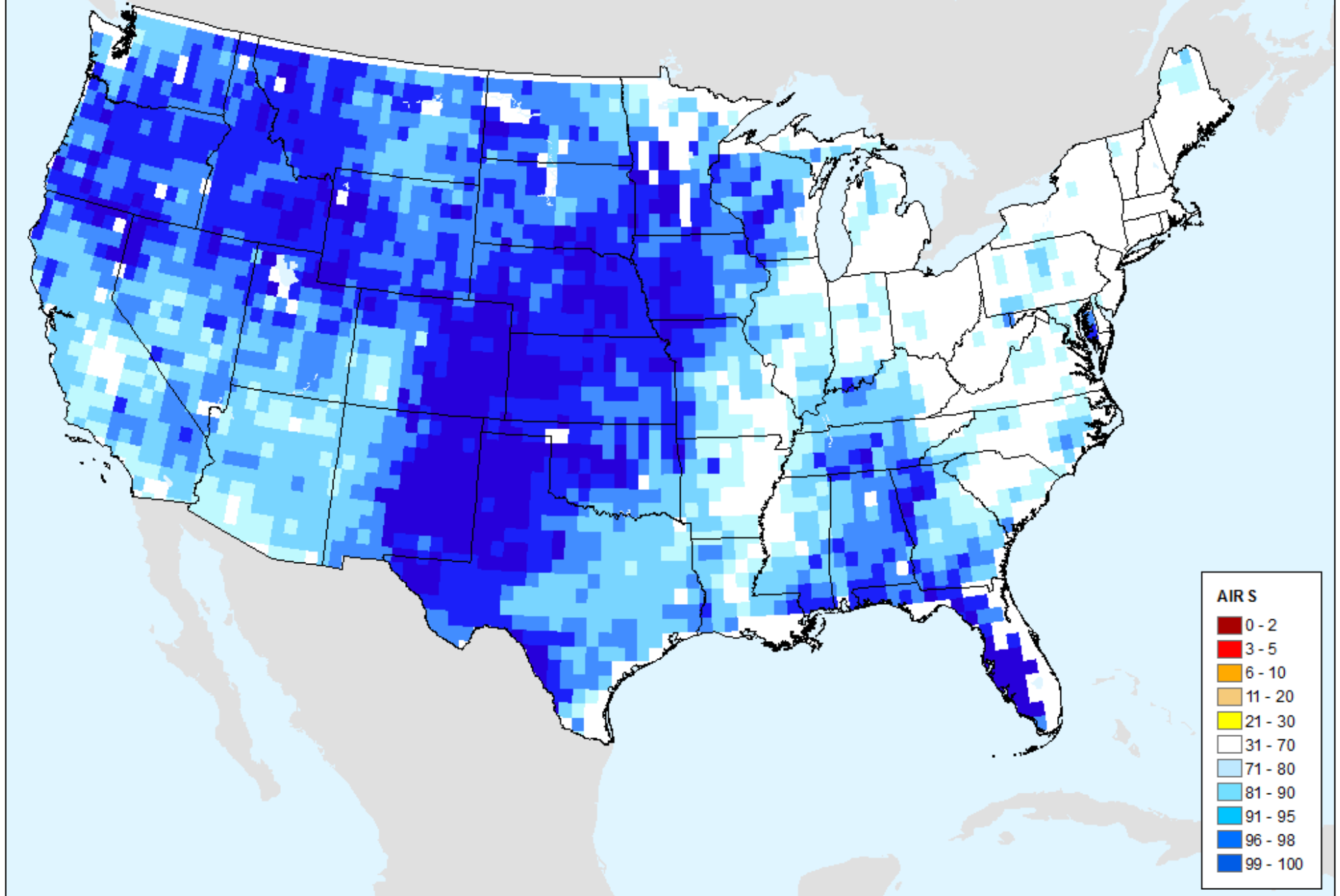
# AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, November 21, 2017



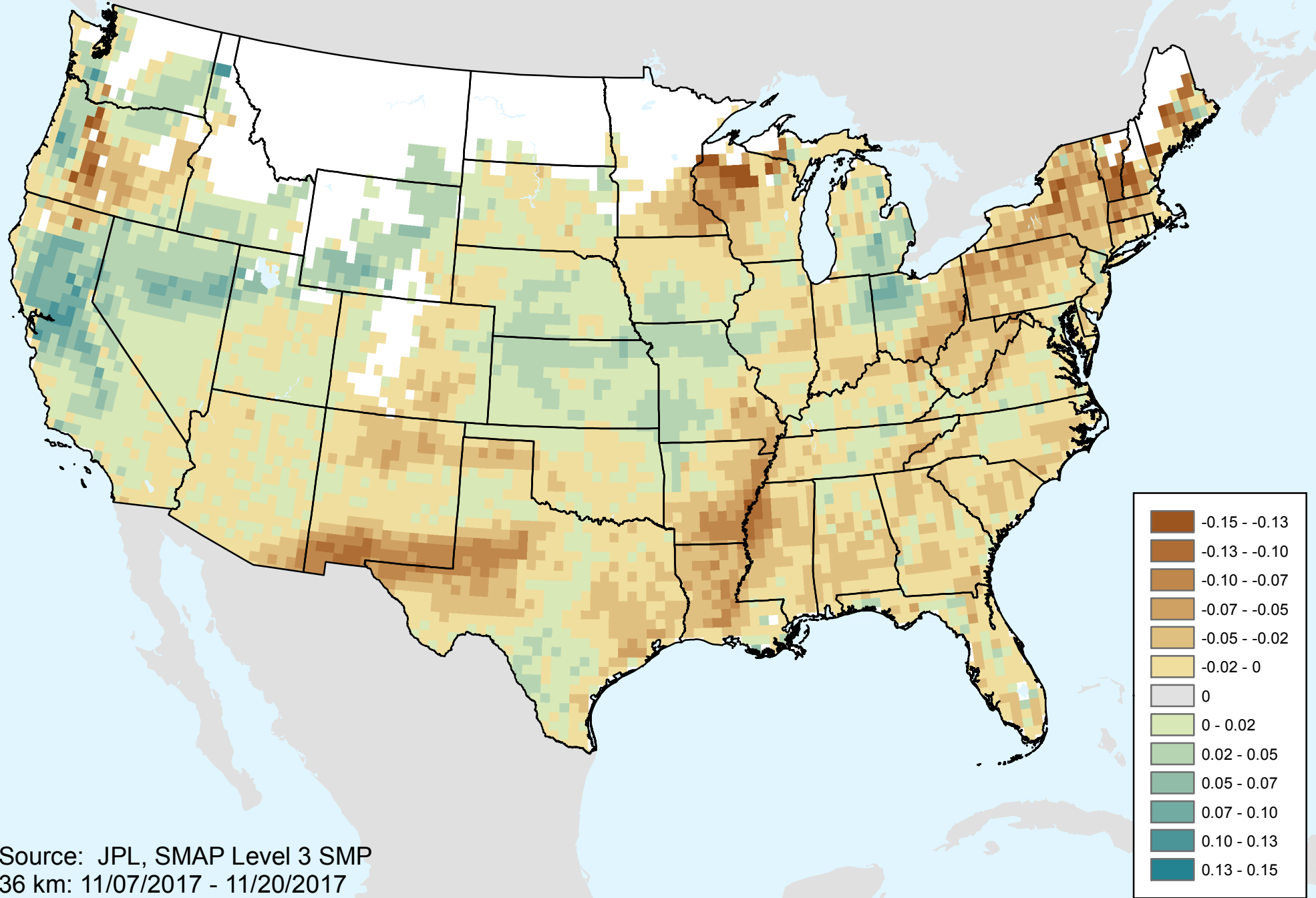
# AIRS-Based Vapor Pressure Deficit 56 Day

As of: Tuesday, November 21, 2017



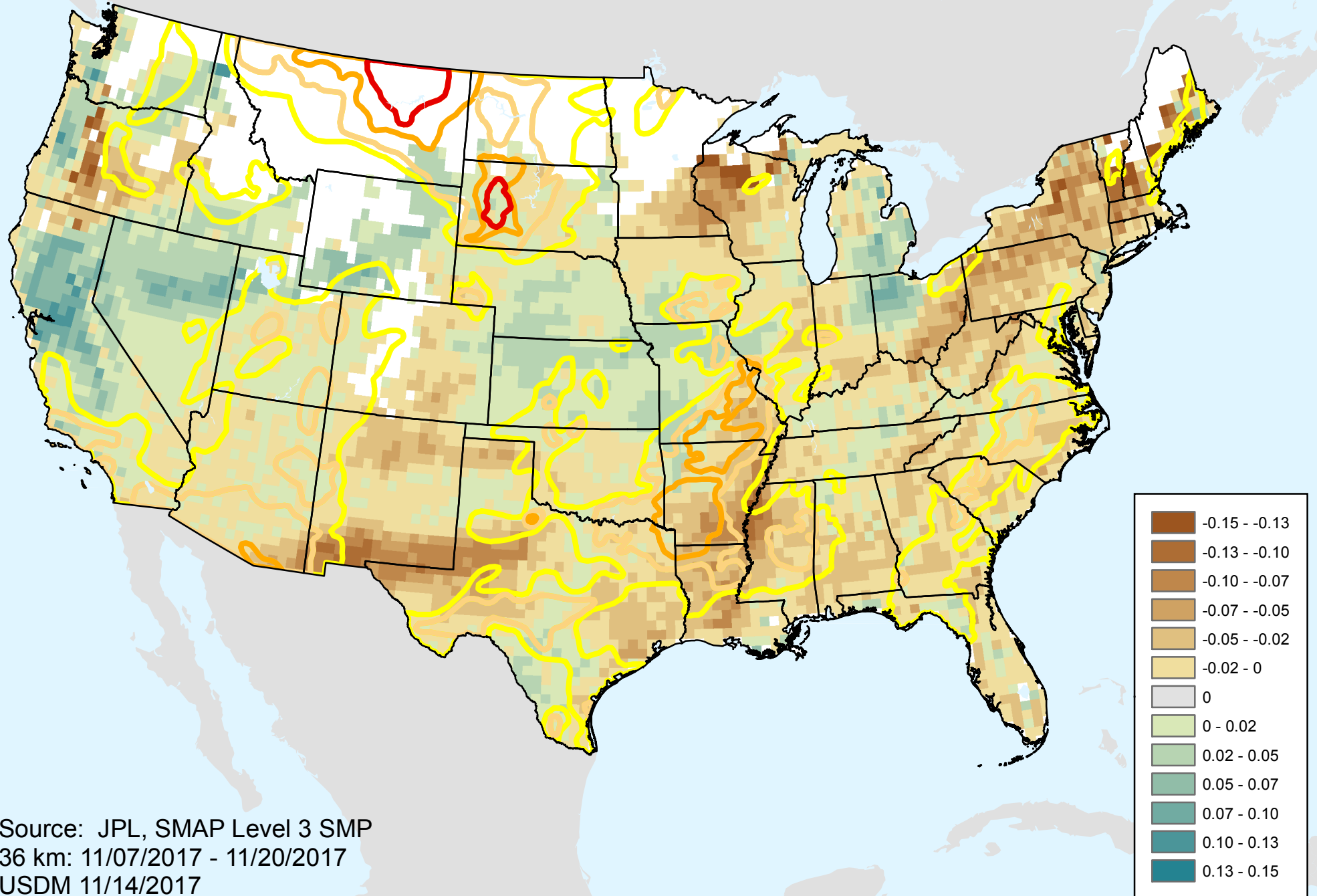


# SMAP 1-Week Change in Soil Moisture 0-5 cm

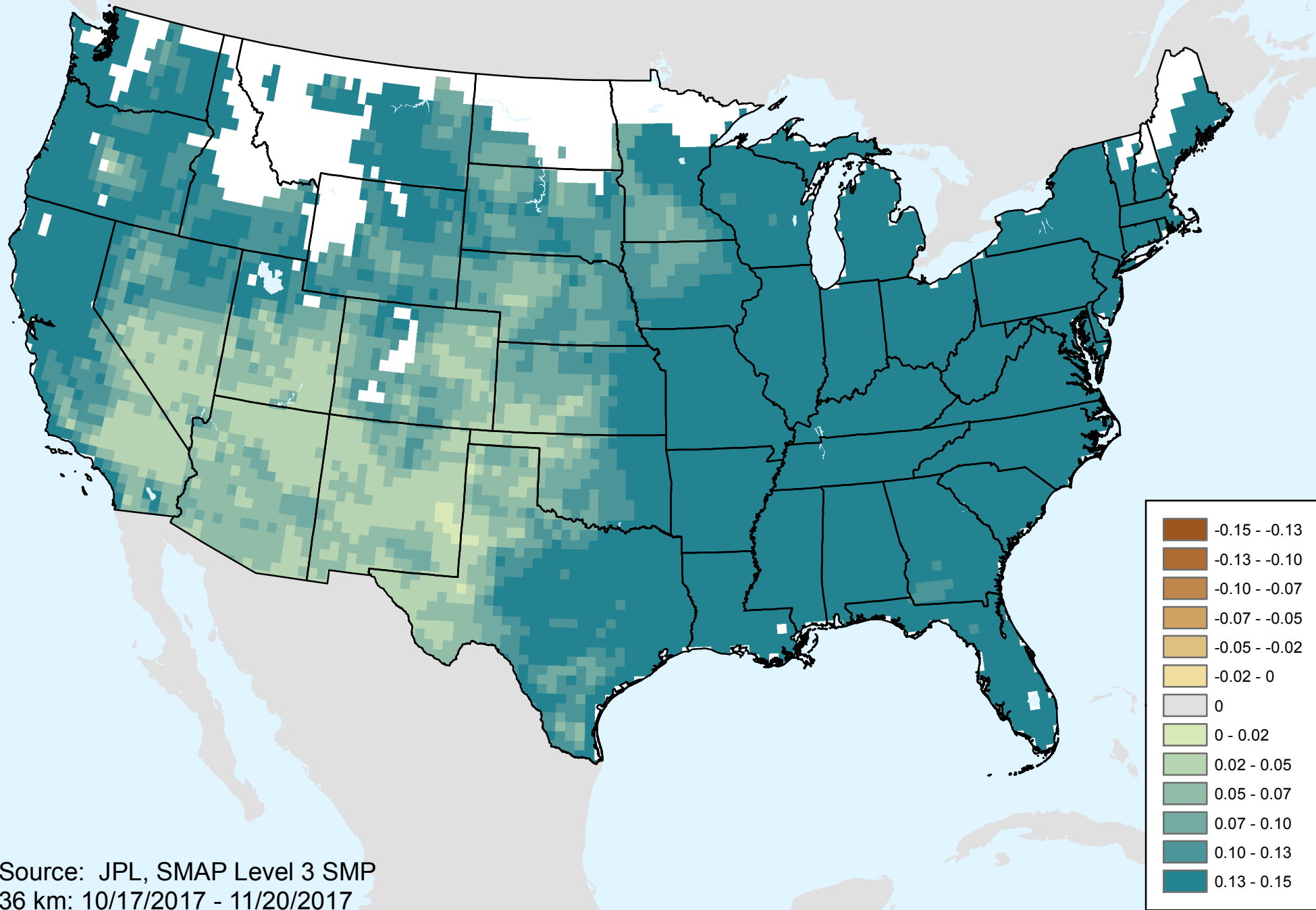


Source: JPL, SMAP Level 3 SMP  
36 km: 11/07/2017 - 11/20/2017

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

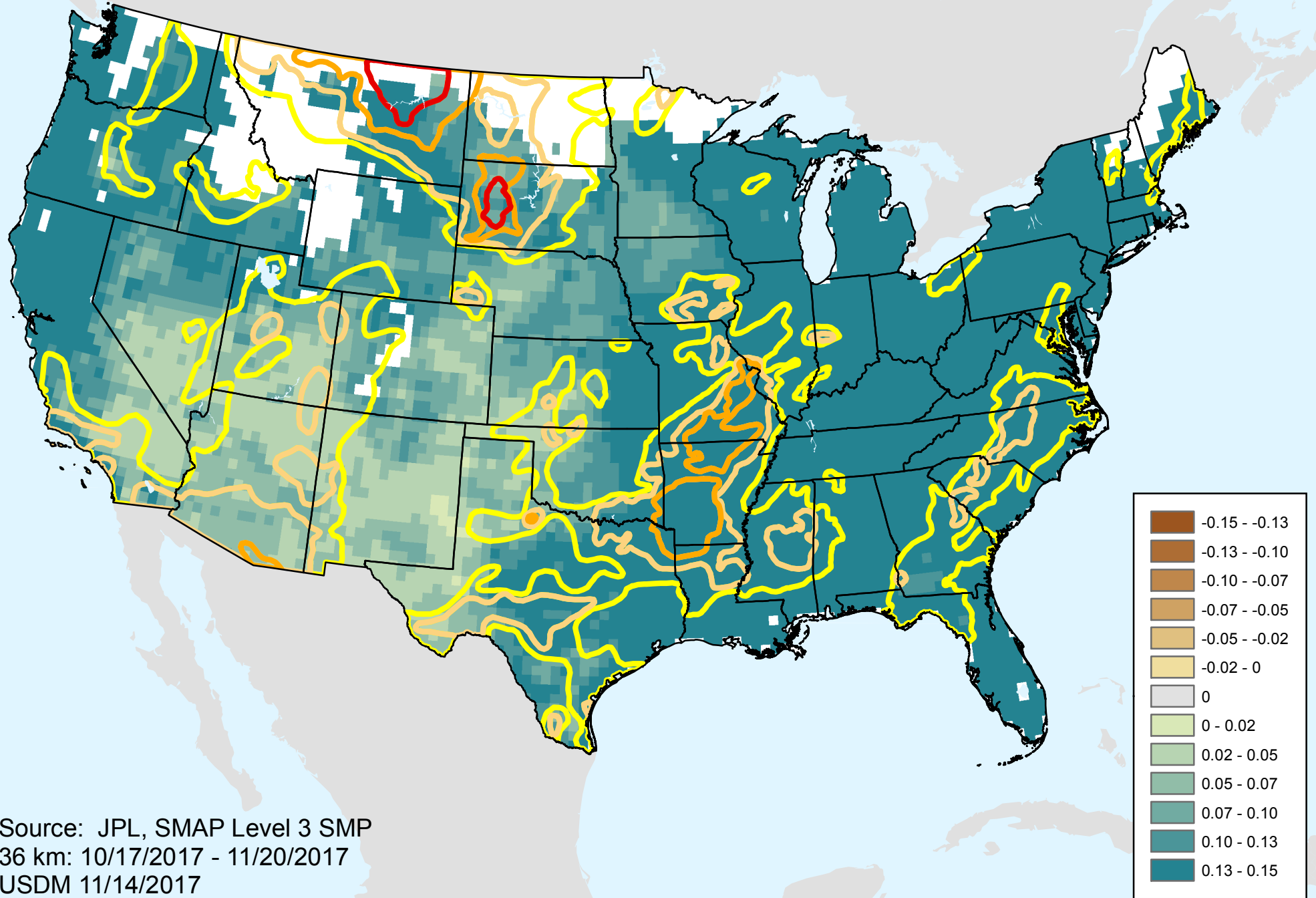


# SMAP 1-Month Change in Soil Moisture 0-5 cm

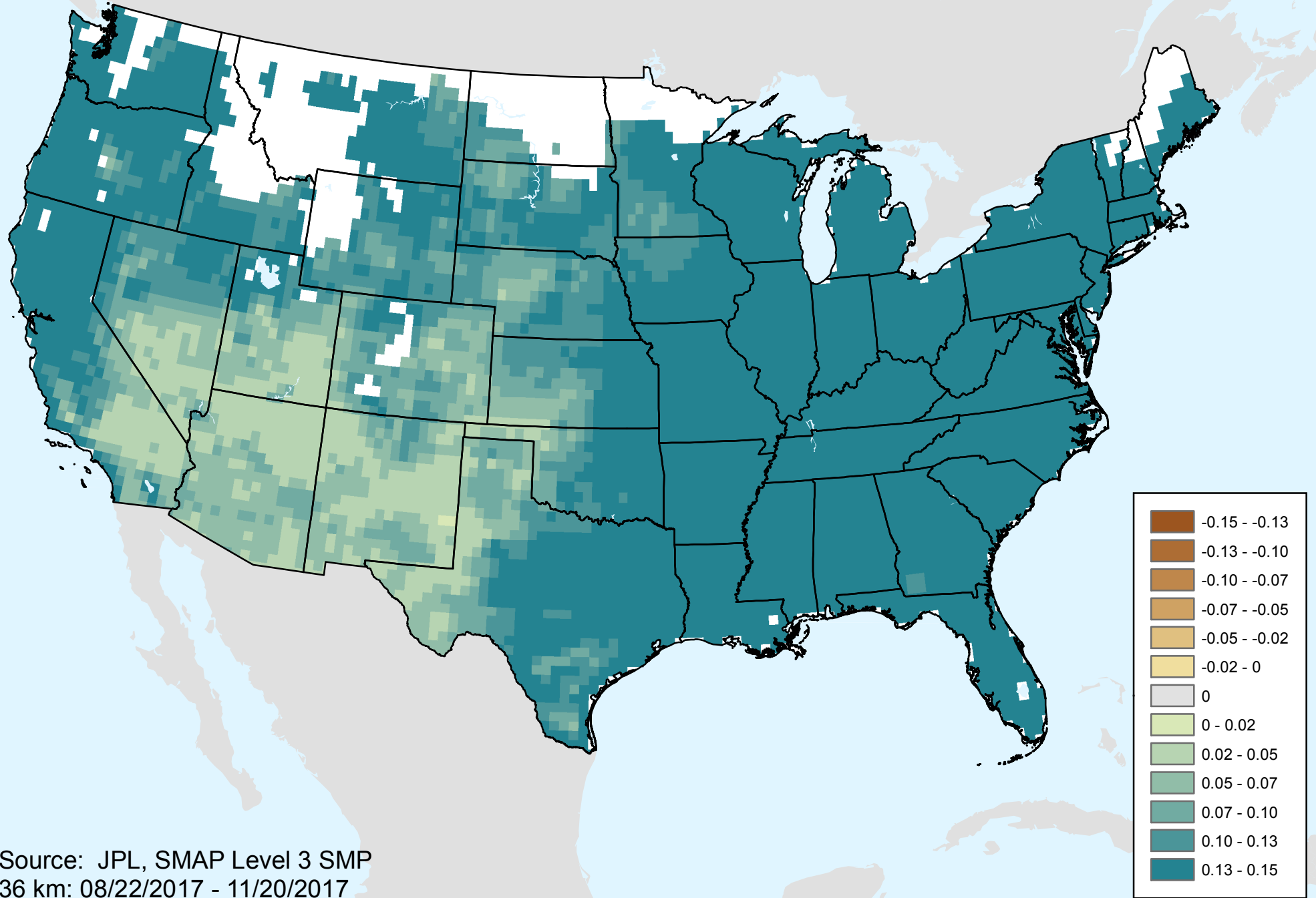




# SMAP 1-Month Change in Soil Moisture 0-5 cm

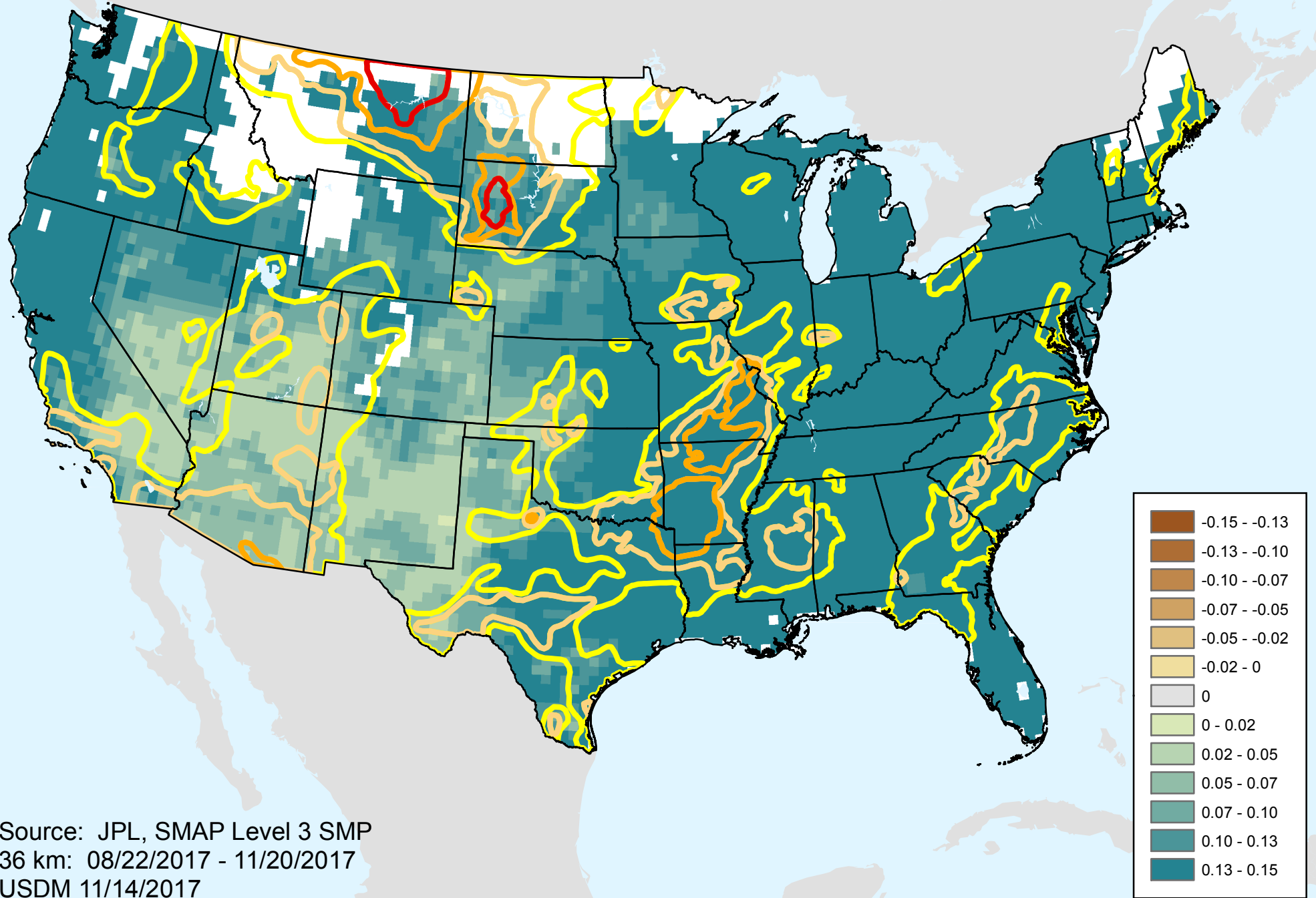


# SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 08/22/2017 - 11/20/2017

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



Source: JPL, SMAP Level 3 SMP  
36 km: 08/22/2017 - 11/20/2017  
USDM 11/14/2017