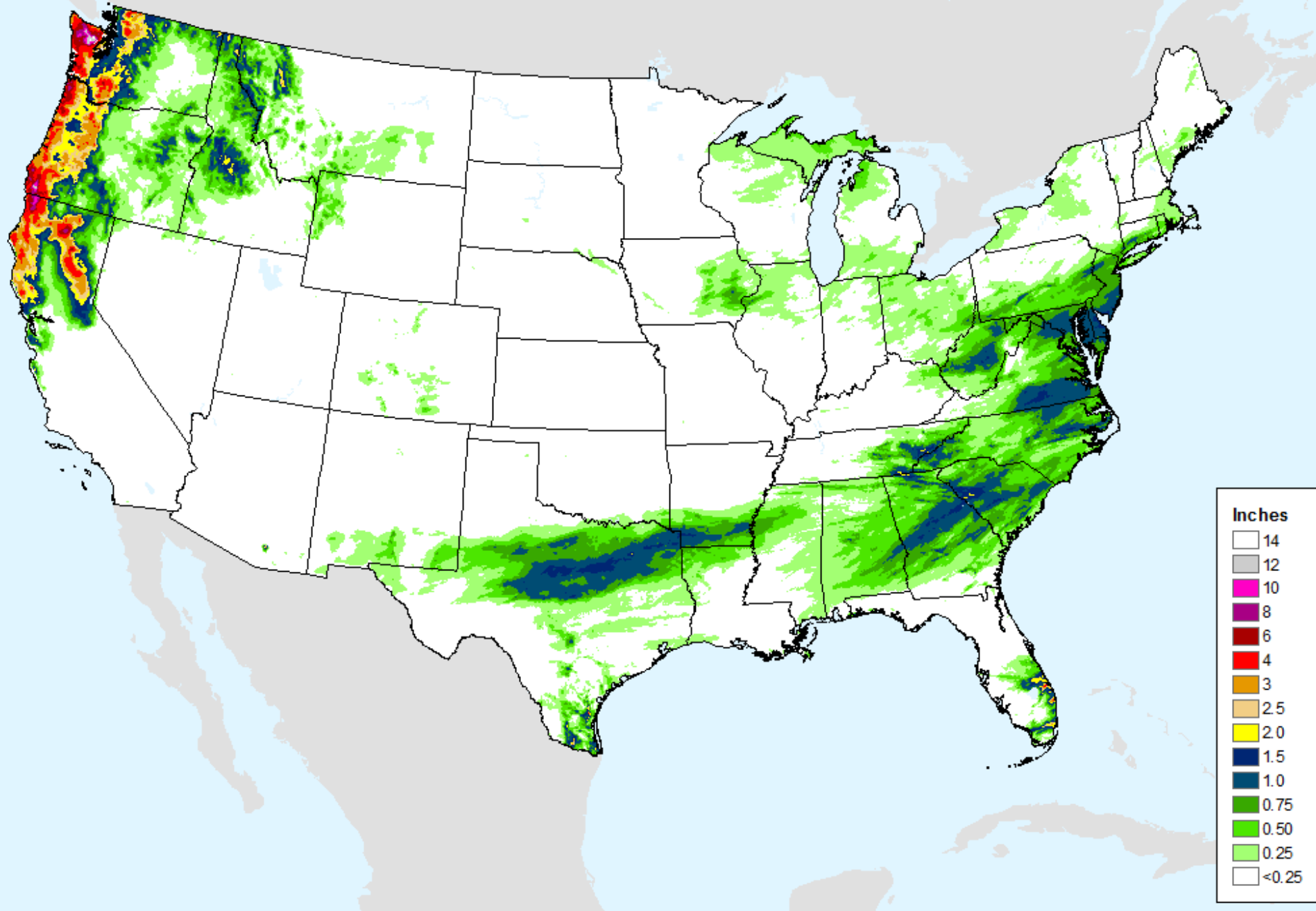


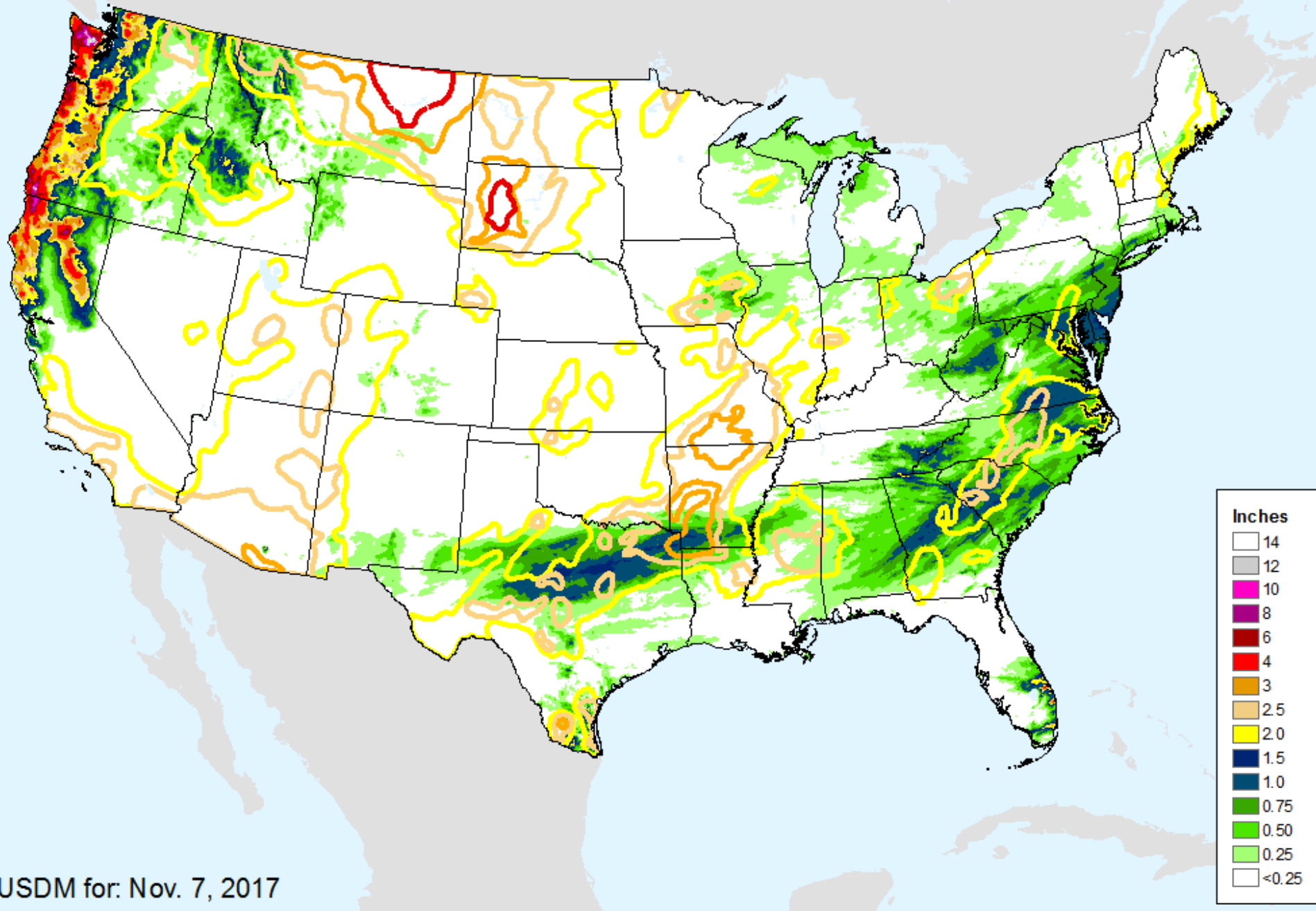
# AHPS 7-Day Precipitation

As of: Tuesday, November 14, 2017



# AHPS 7-Day Precipitation

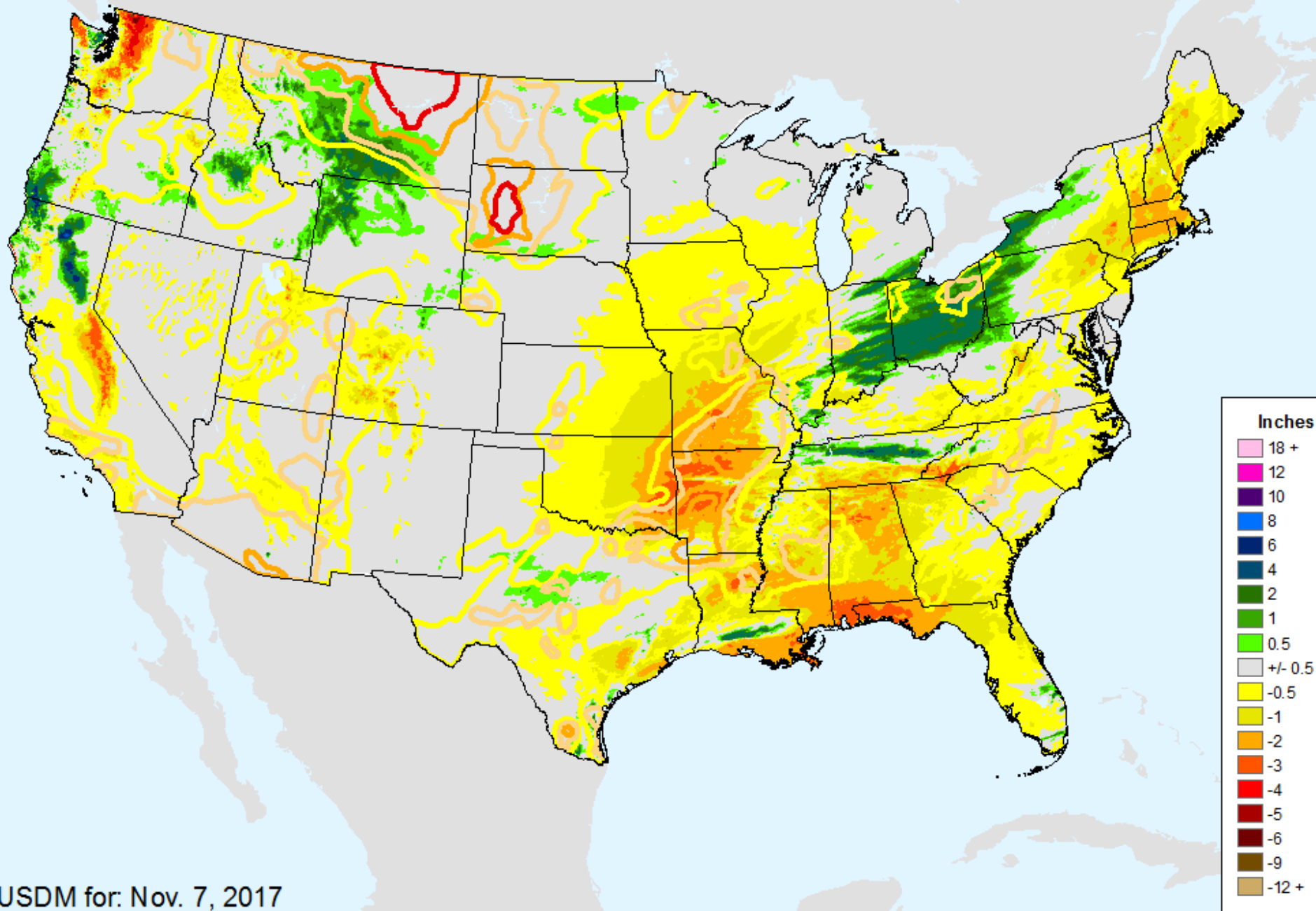
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 14-Day Precip Departure

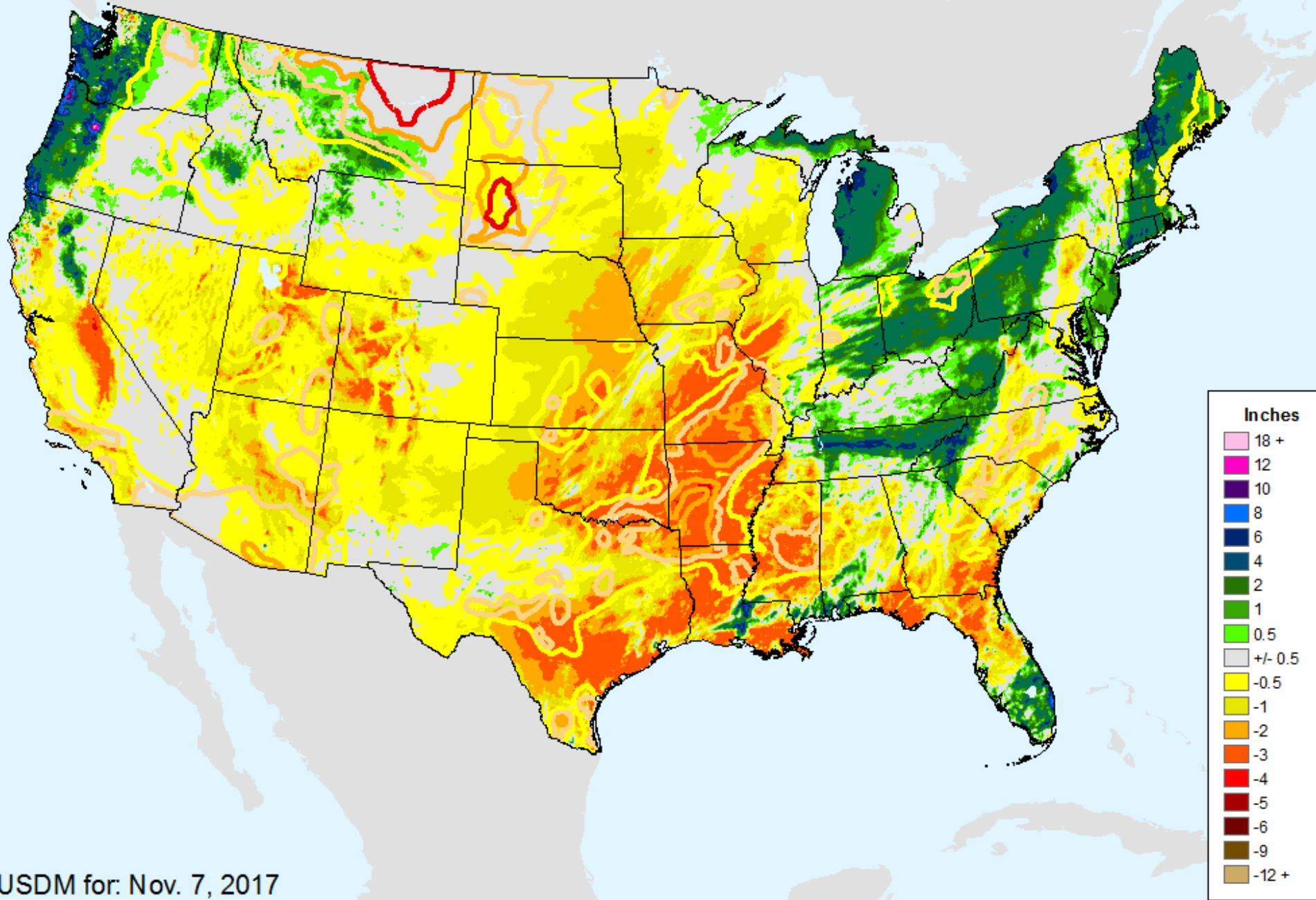
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 30-Day Precip Departure

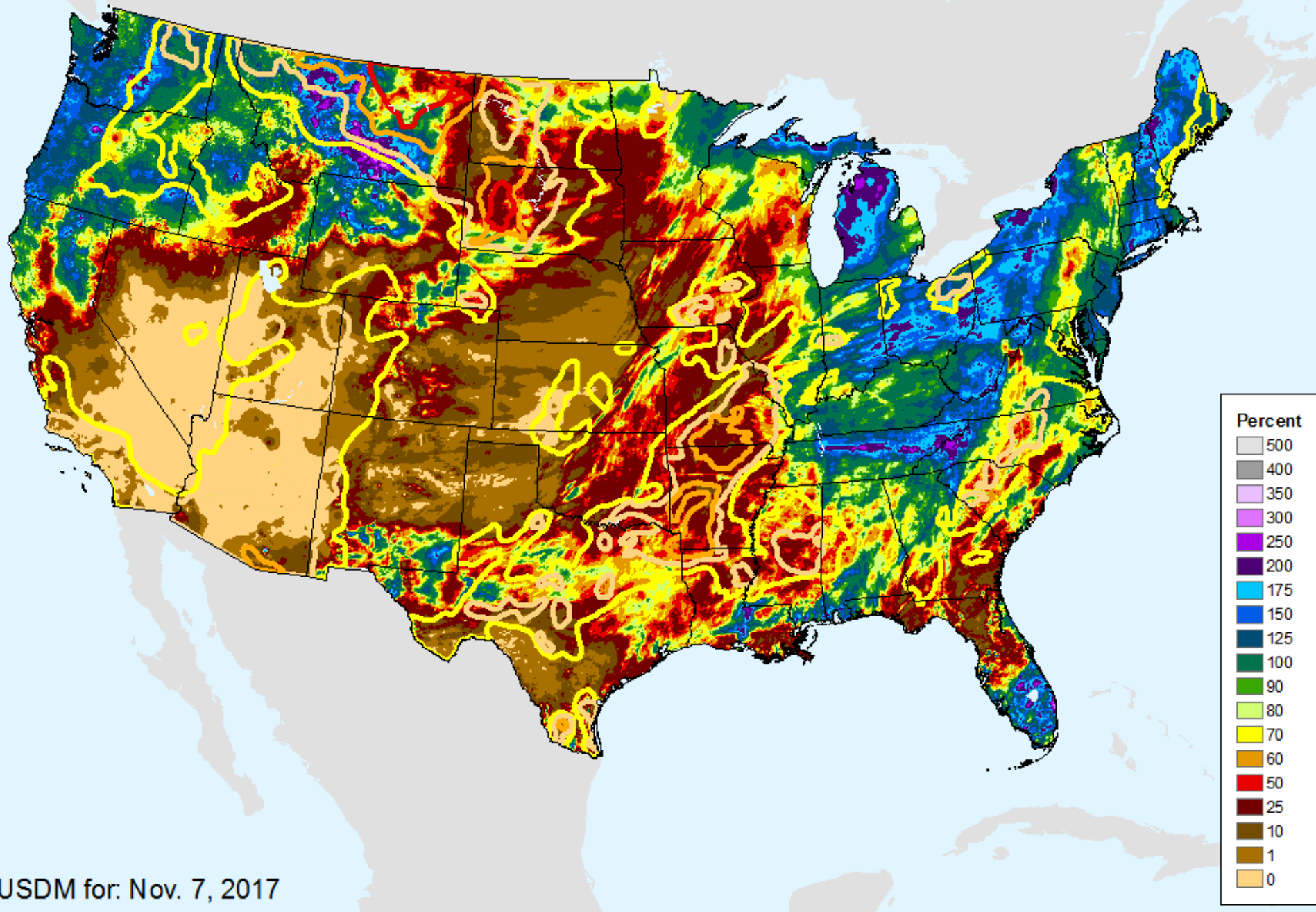
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 30-Day Pct of Normal Pcp

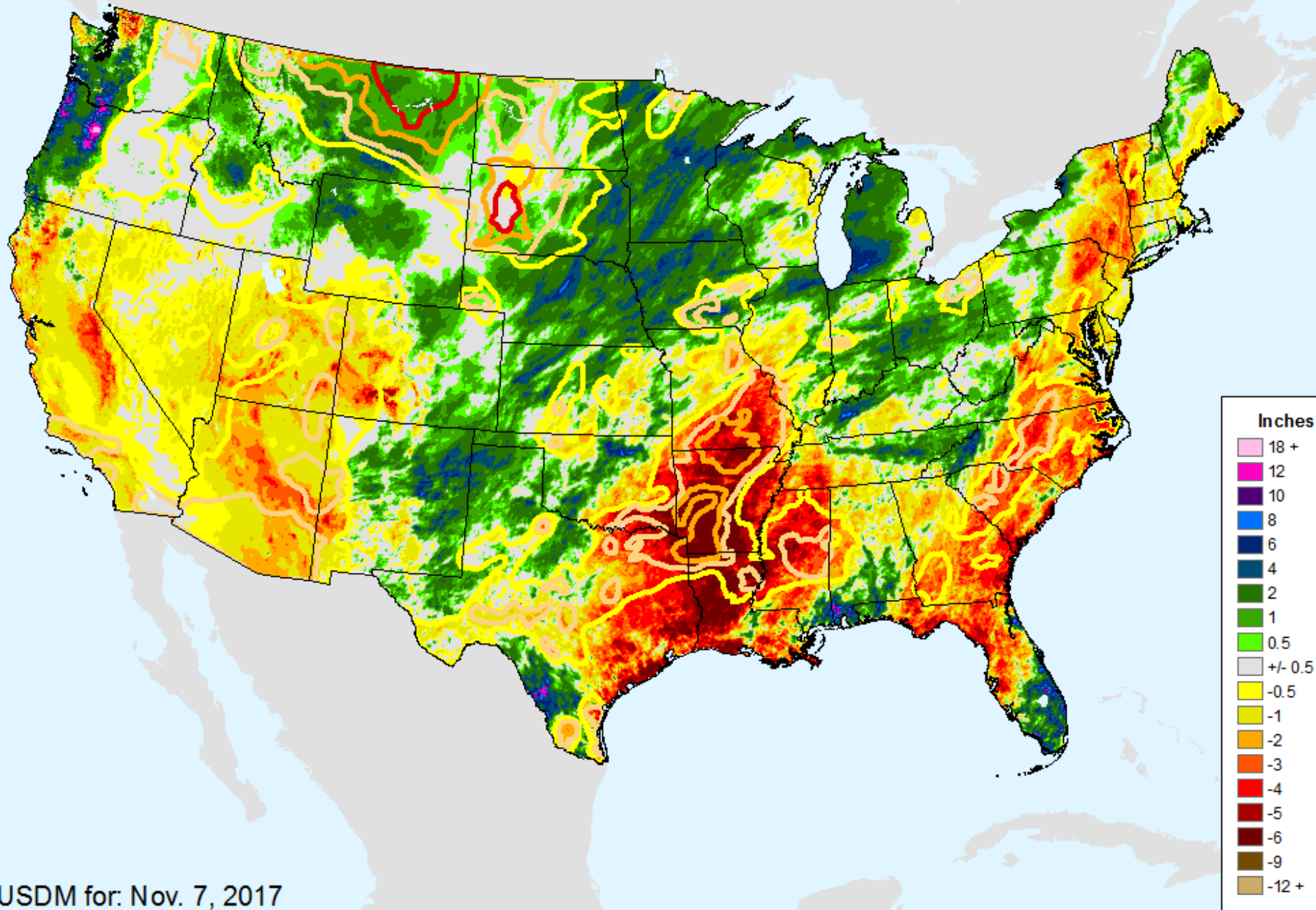
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 60-Day Precip Departure

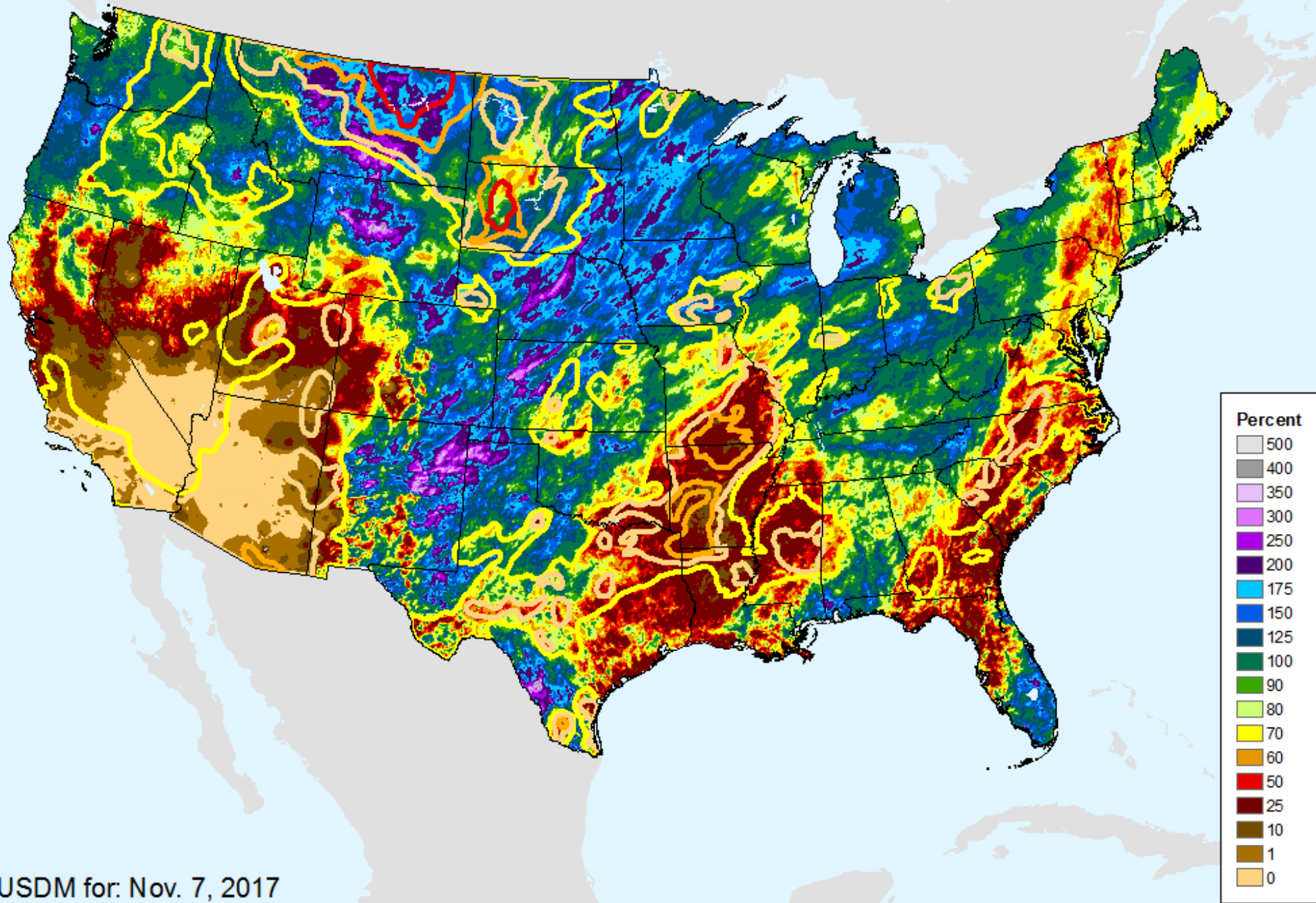
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 60-Day Pct of Normal Pcp

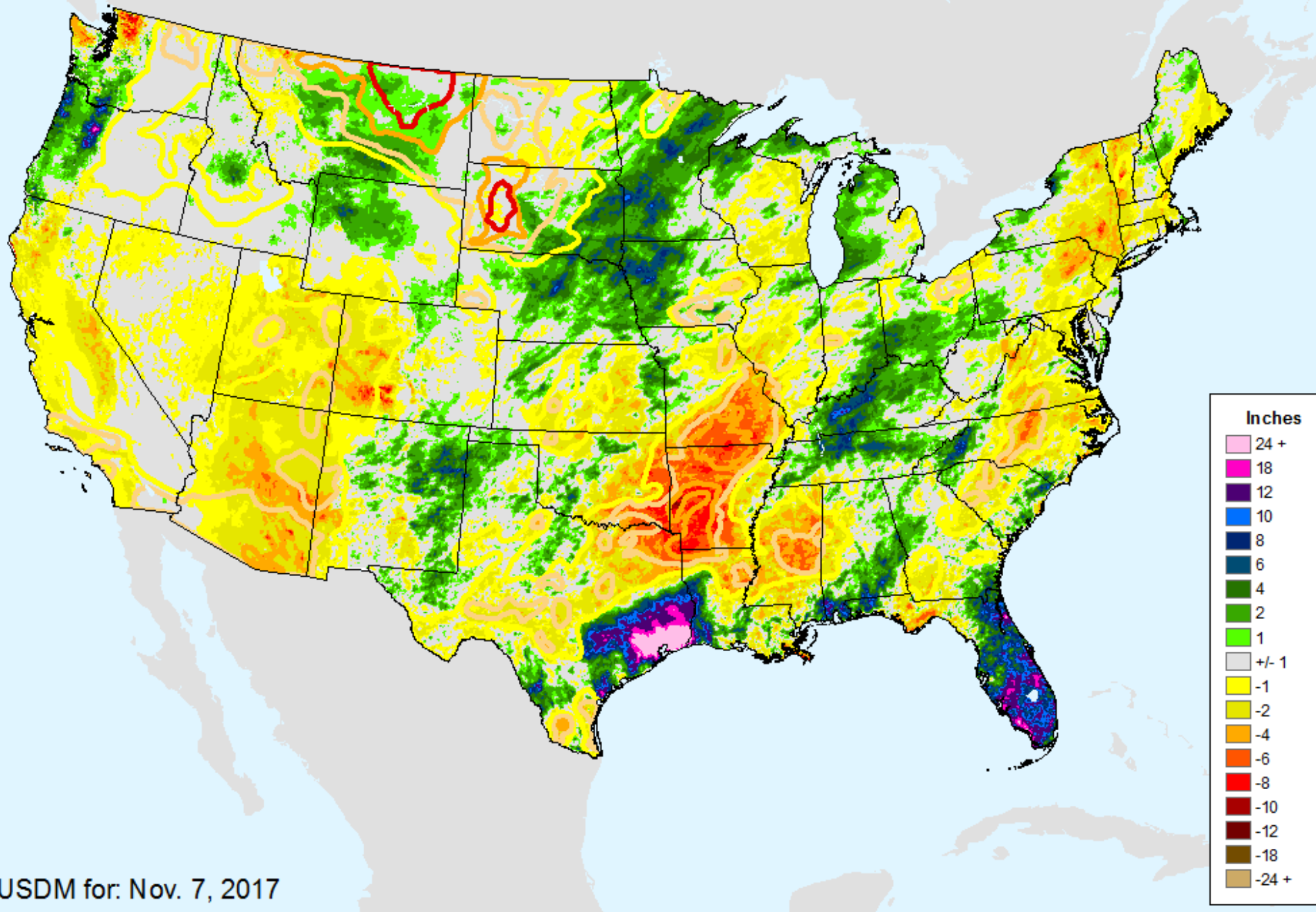
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 90-Day Precip Departure

As of: Tuesday, November 14, 2017

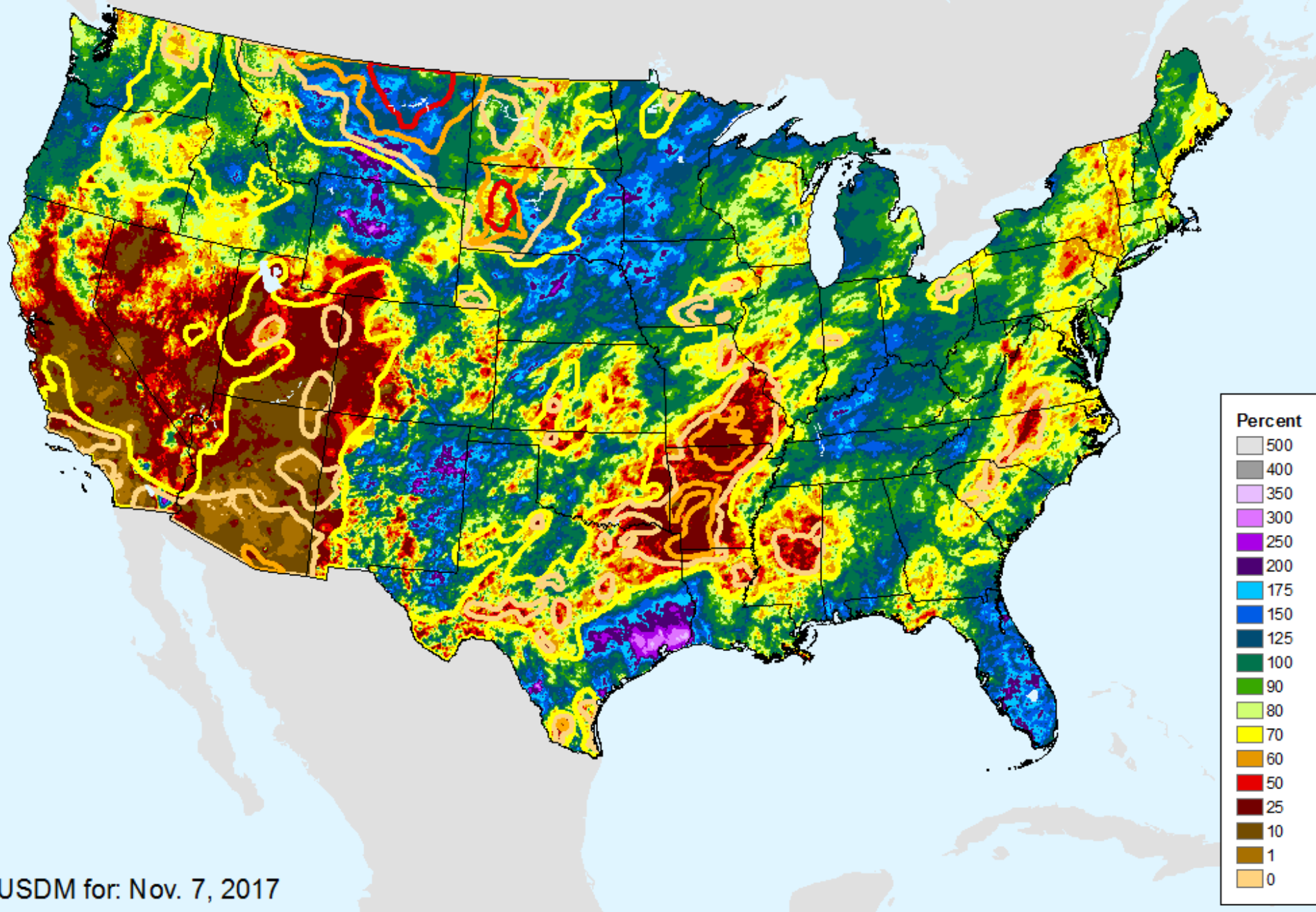


USDM for: Nov. 7, 2017



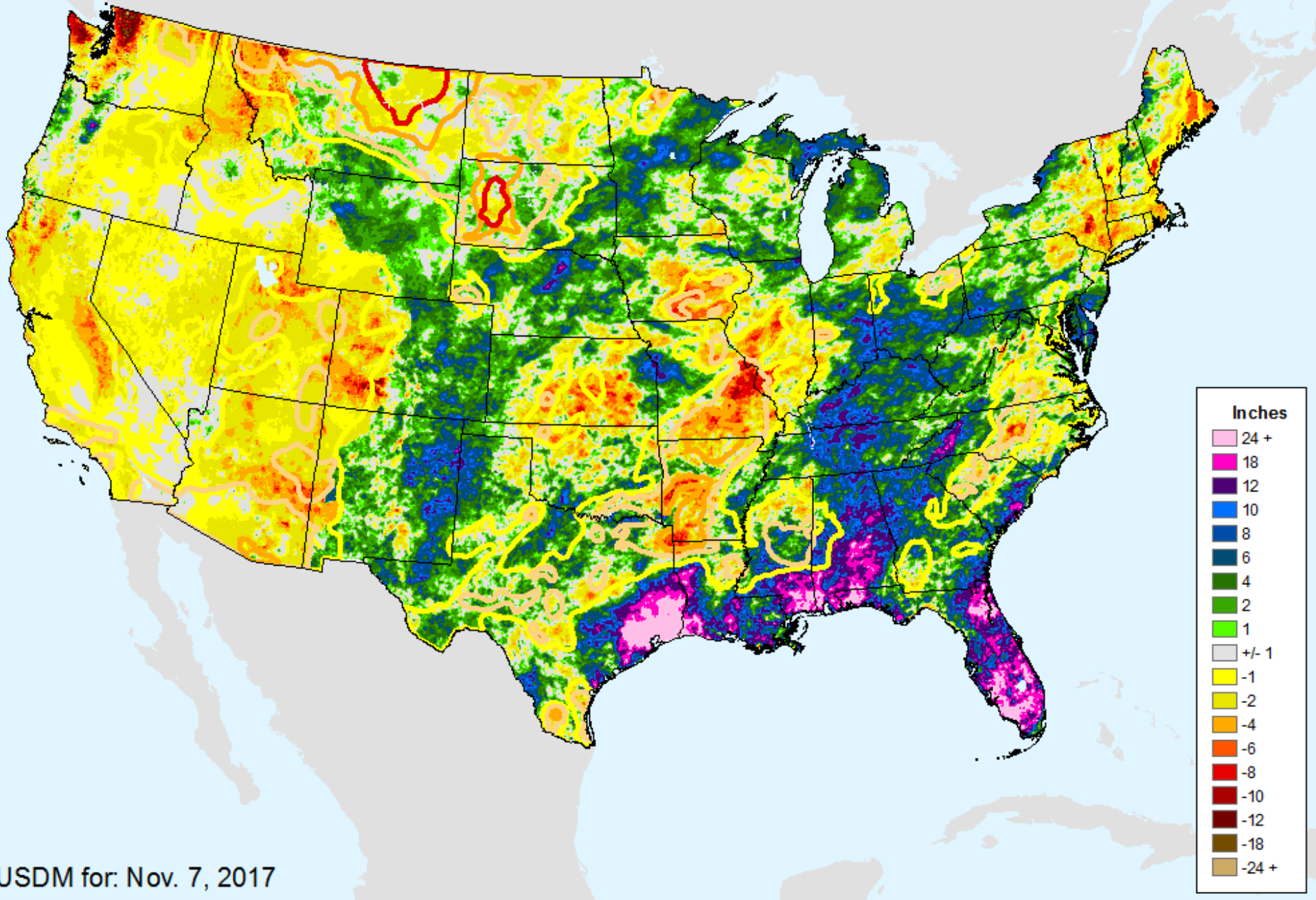
# AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, November 14, 2017



# AHPS 180-Day Precip Departure

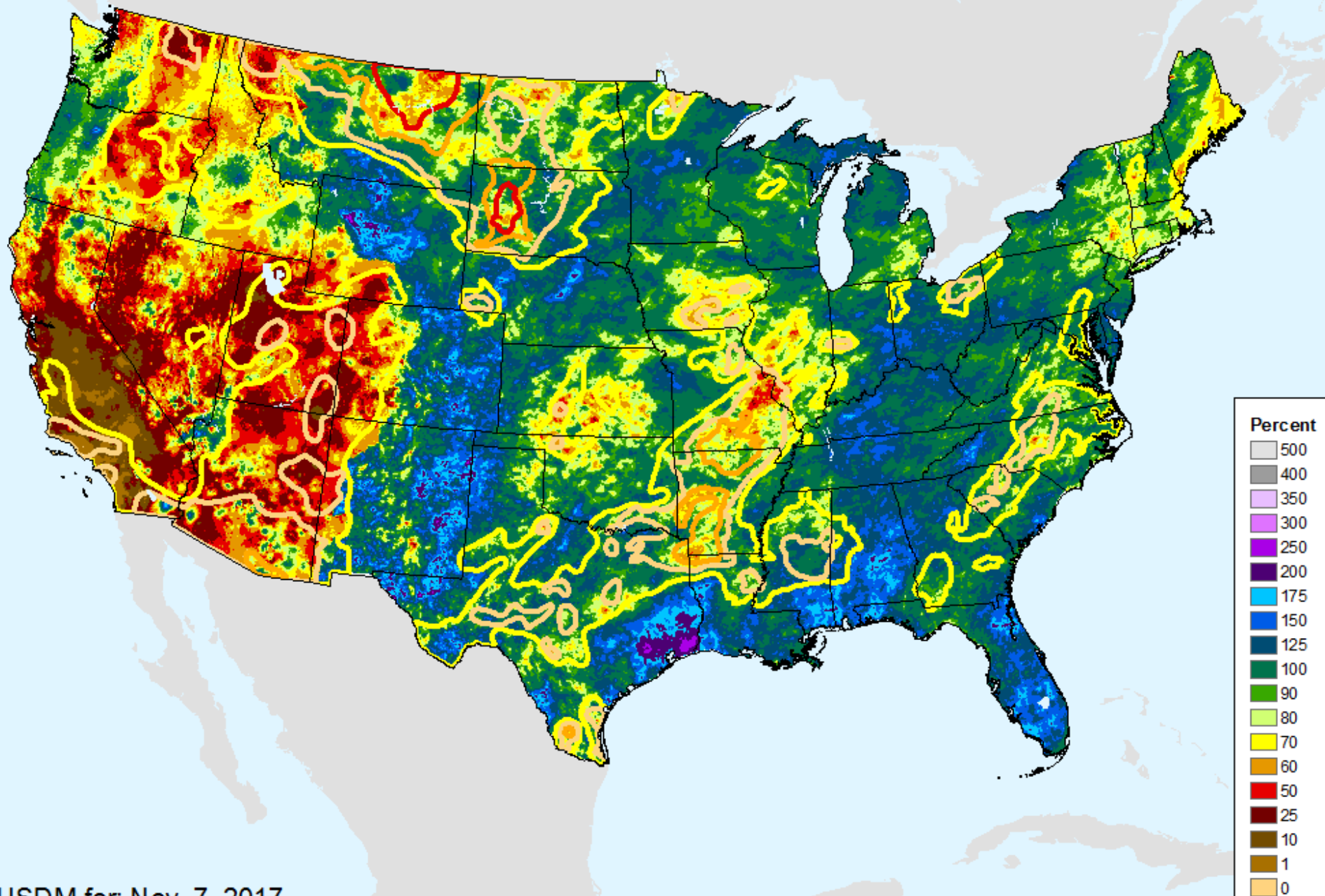
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 180-Day Pct of Normal Pcp

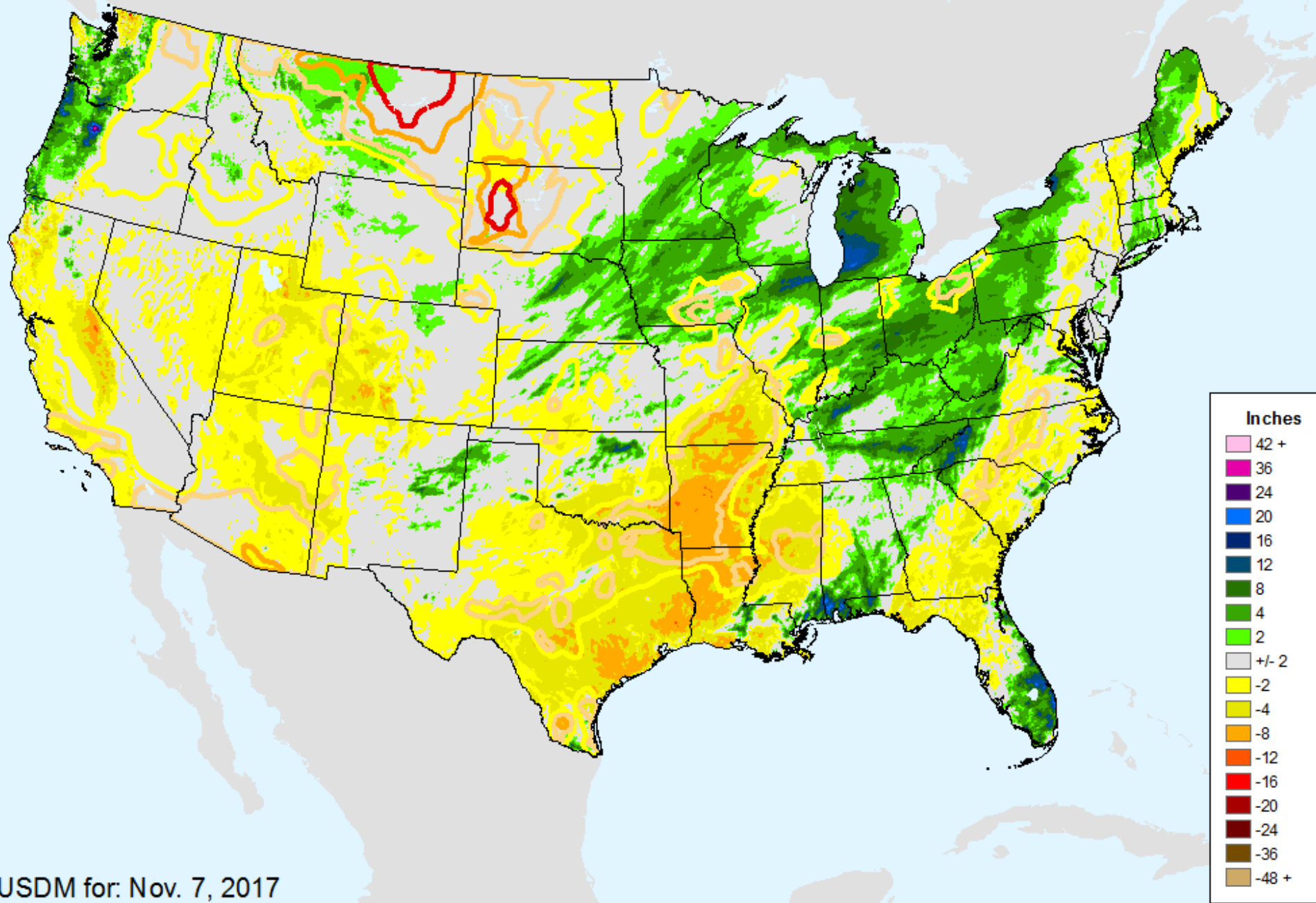
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS Water-Year Precip Departure

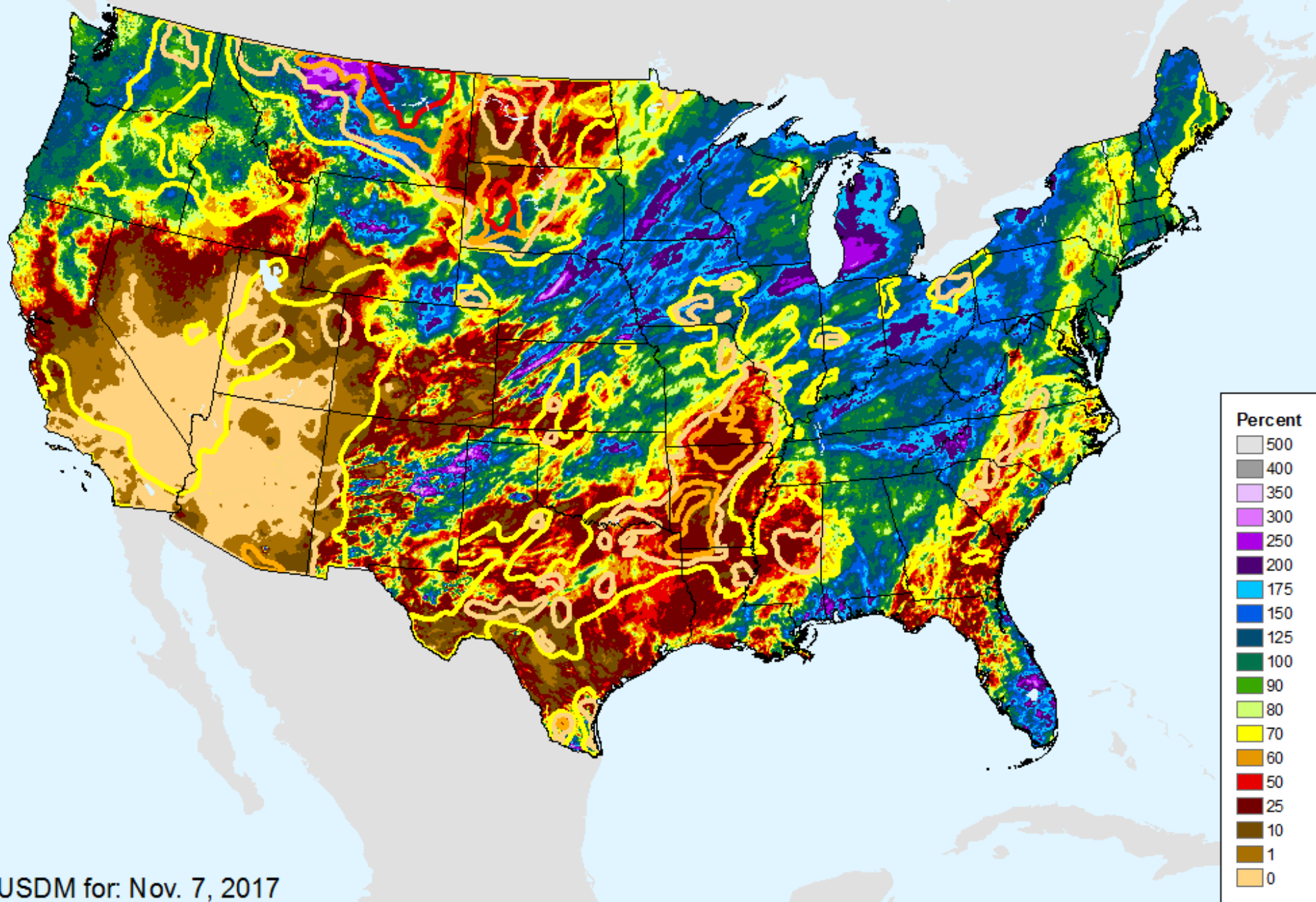
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS Water-Year Pct of Normal Pcp

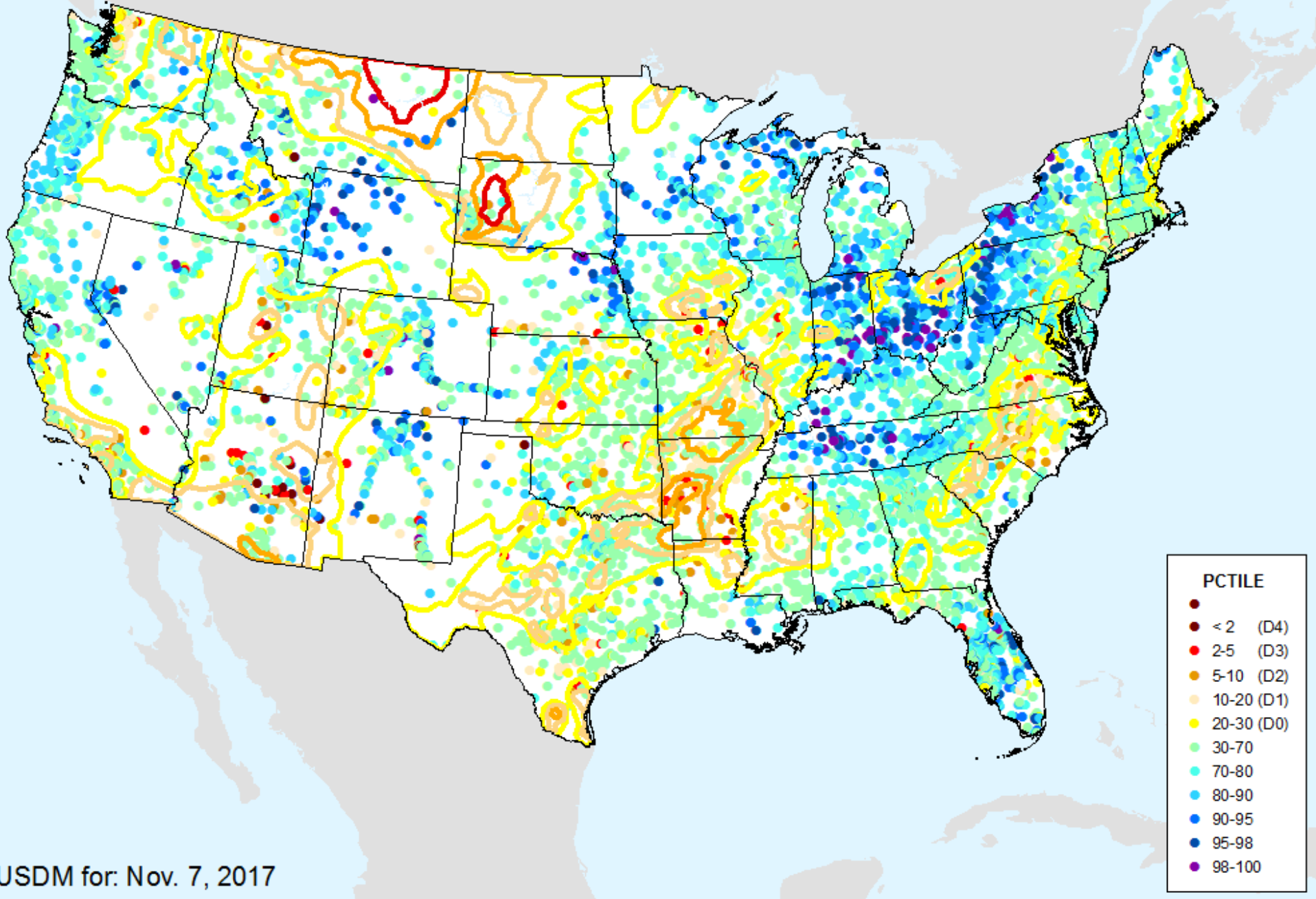
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# USGS 7-Day Avg Streamflow

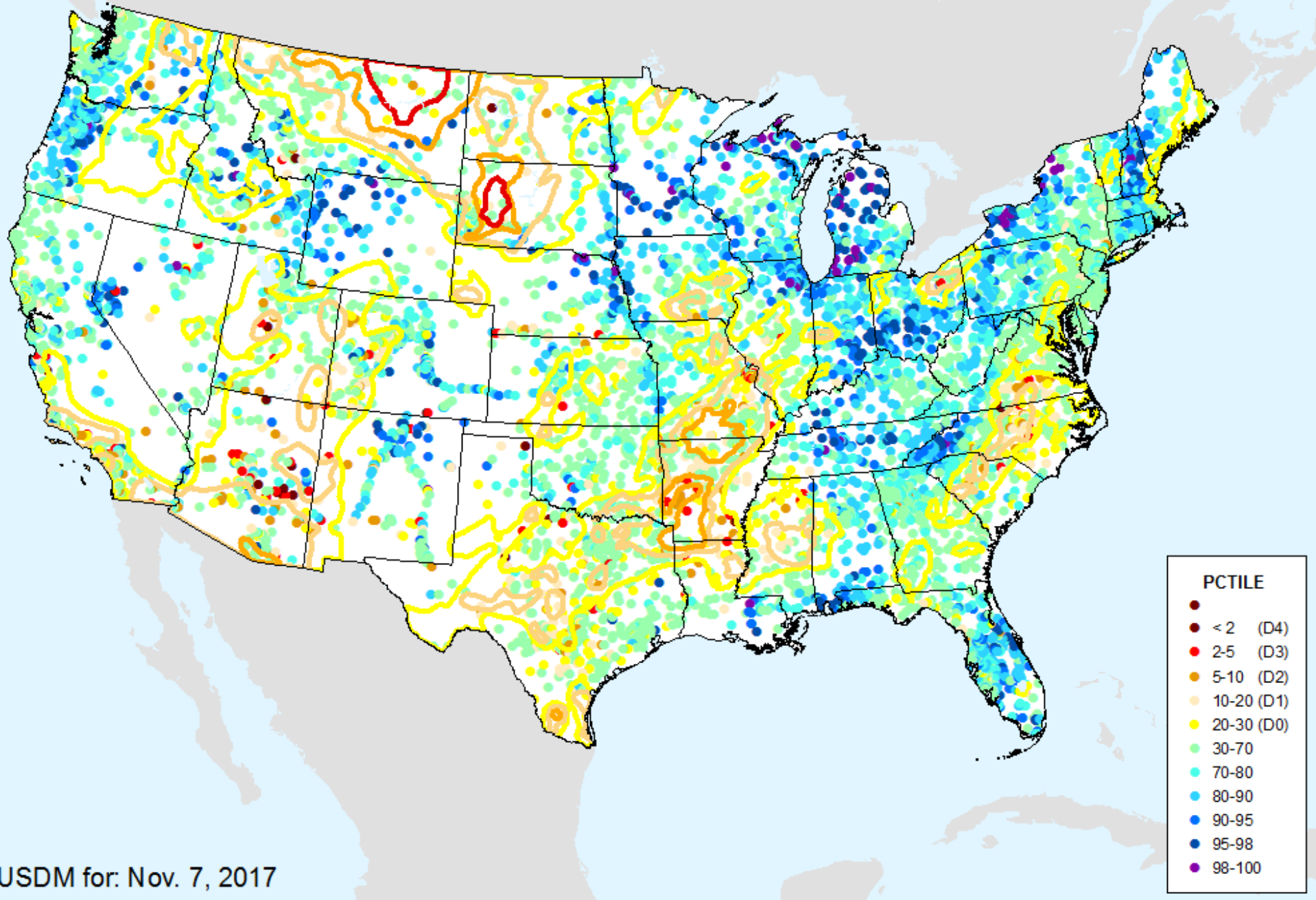
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# USGS 28-Day Avg Streamflow

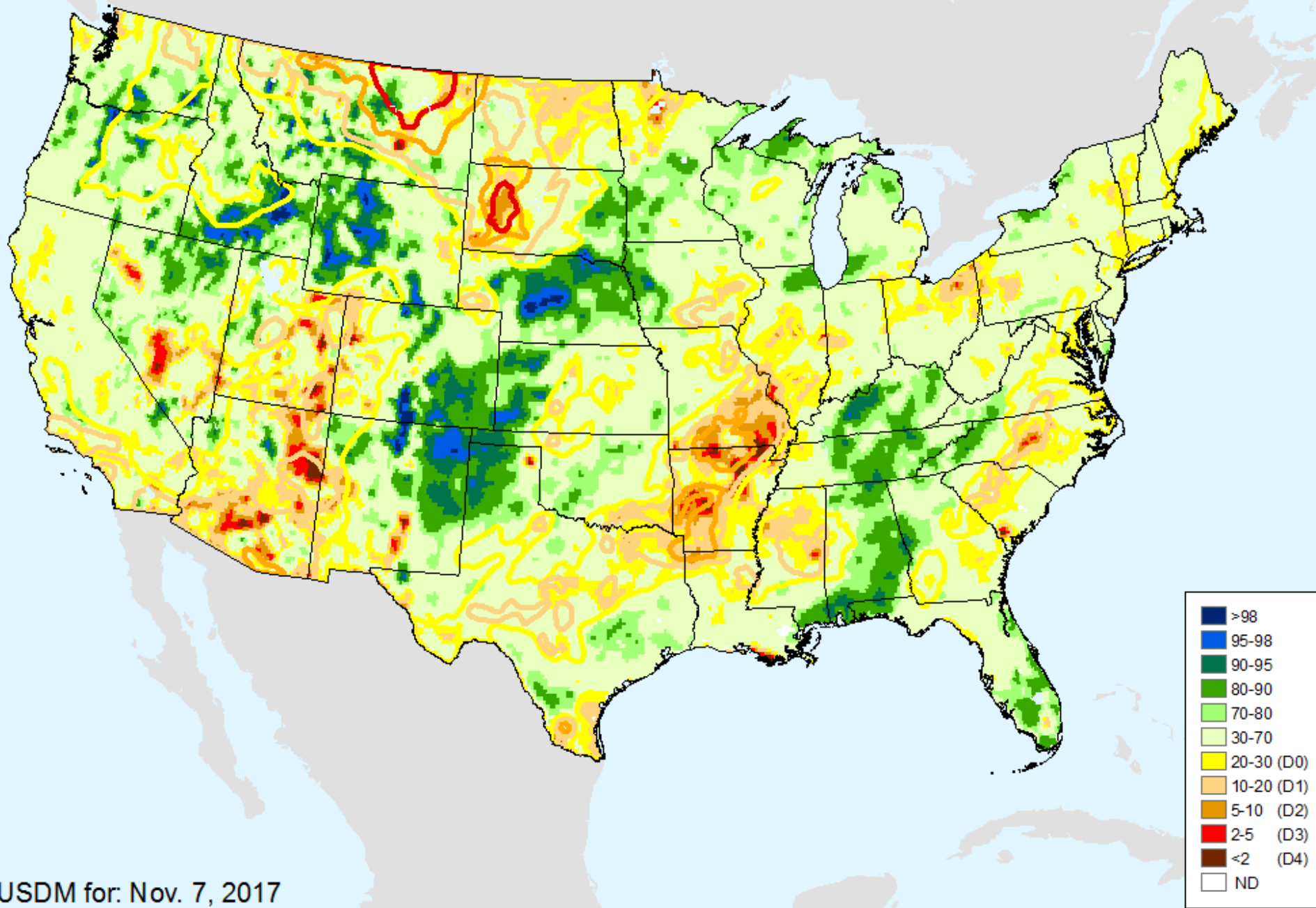
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# NLDAS Top 1m Soil Moisture

As of: Tuesday, November 14, 2017

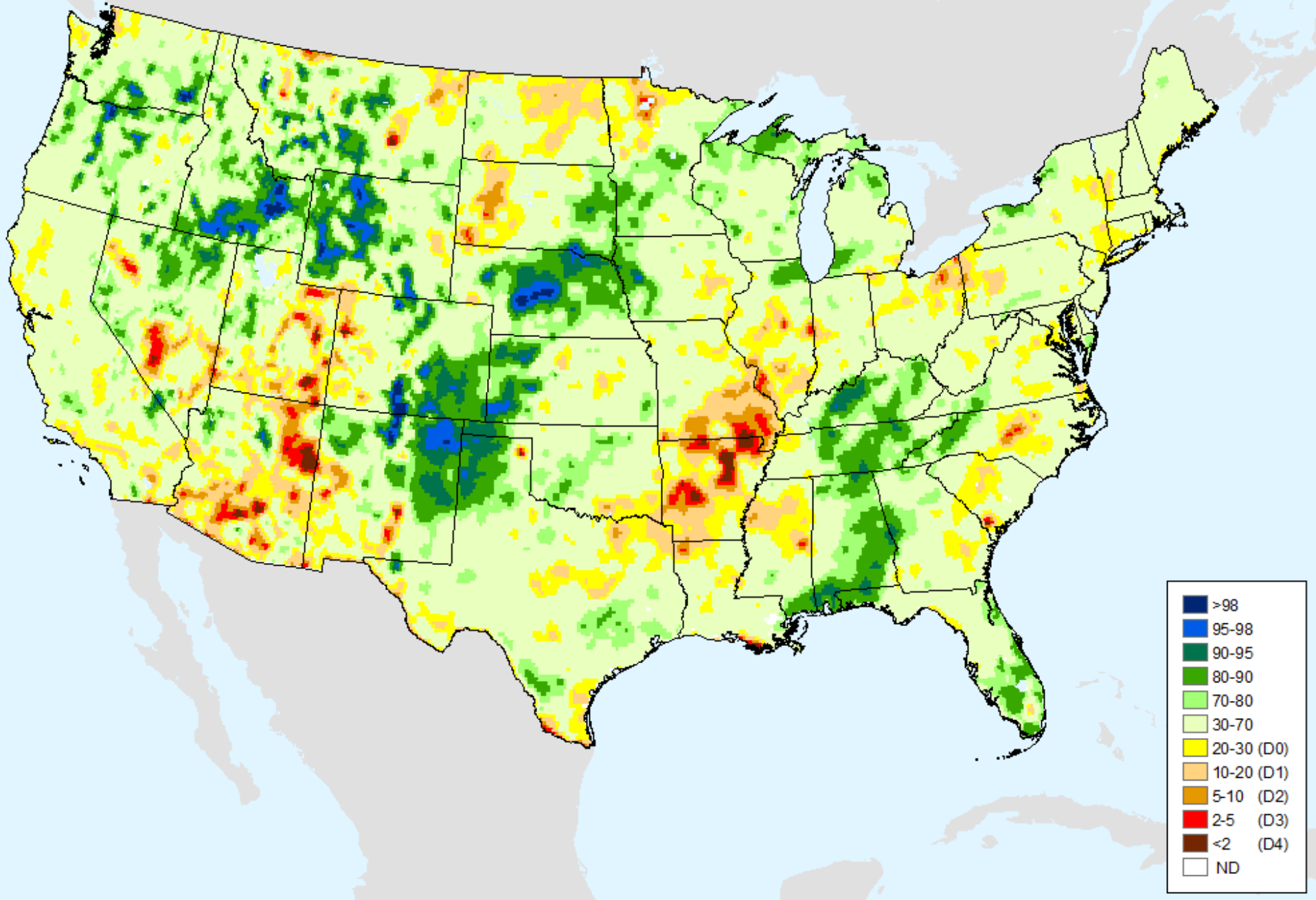


USDM for: Nov. 7, 2017



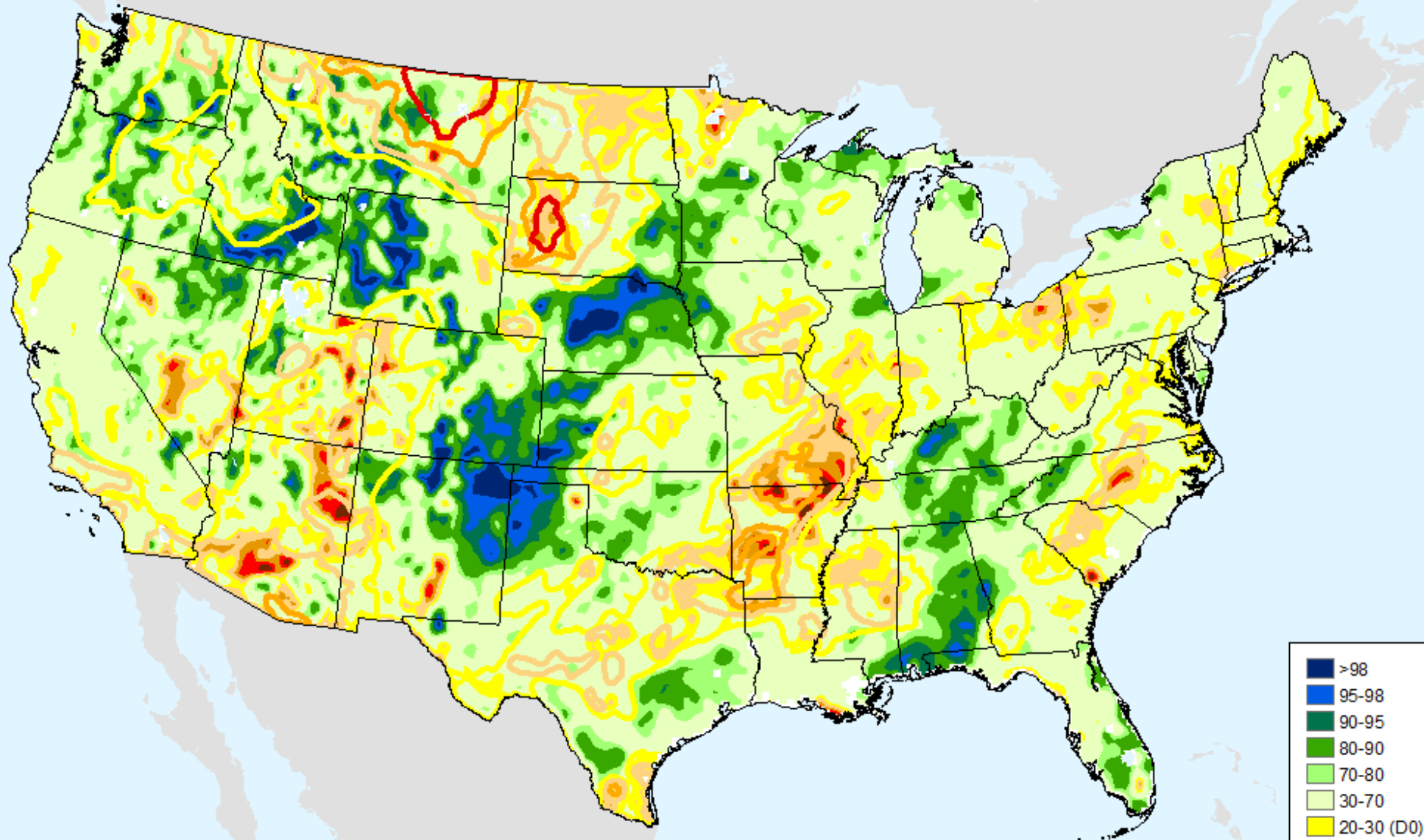
# NLDAS Top 1m Soil Moisture

As of: Tuesday, November 14, 2017



# NLDAS Total Column Soil Moisture

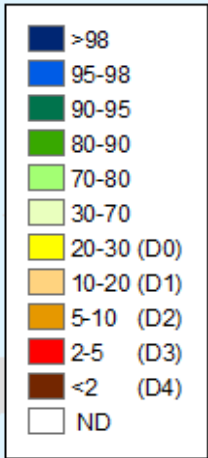
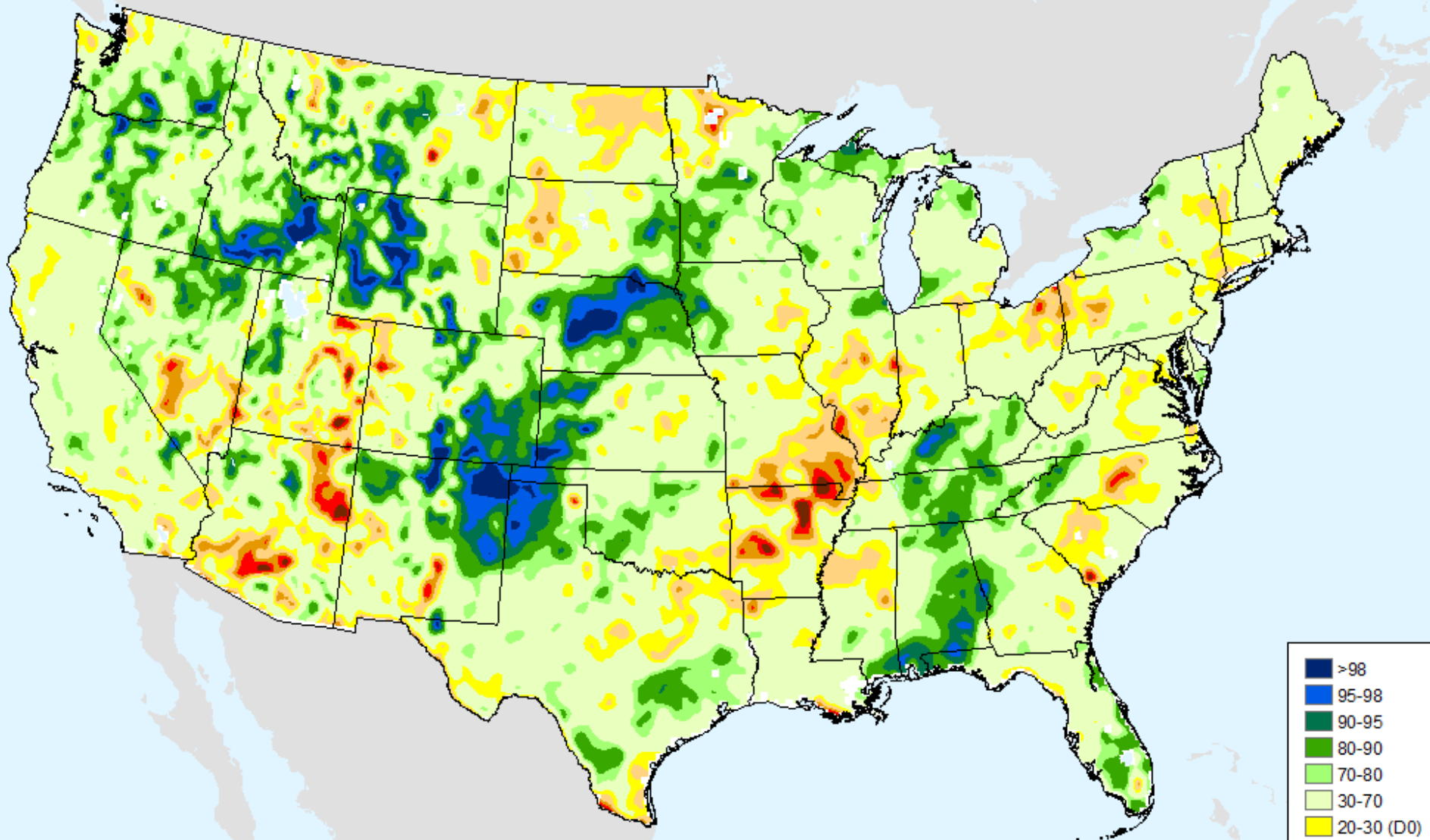
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

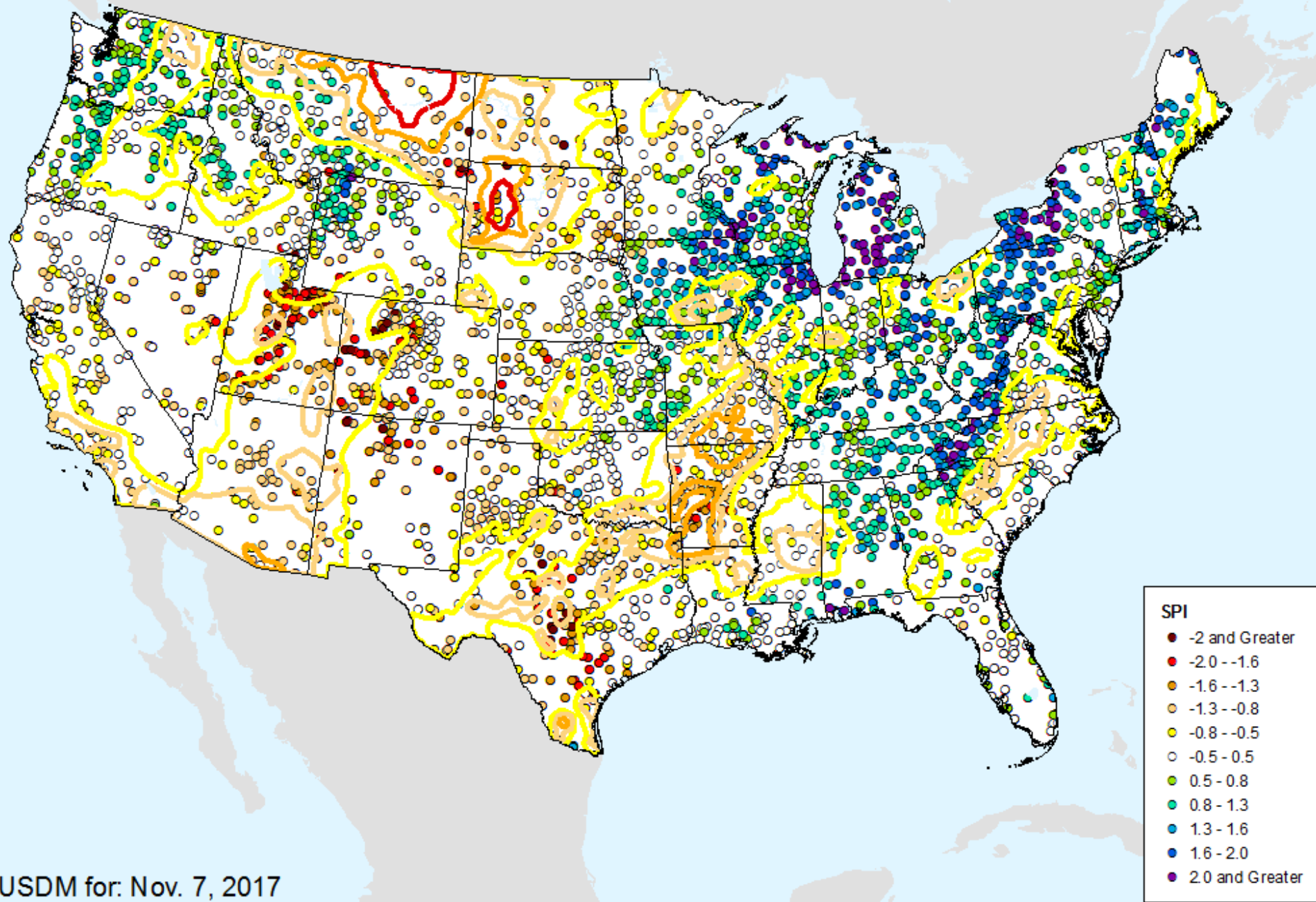
# NLDAS Total Column Soil Moisture

As of: Tuesday, November 14, 2017



# HPRCC 1-month SPI

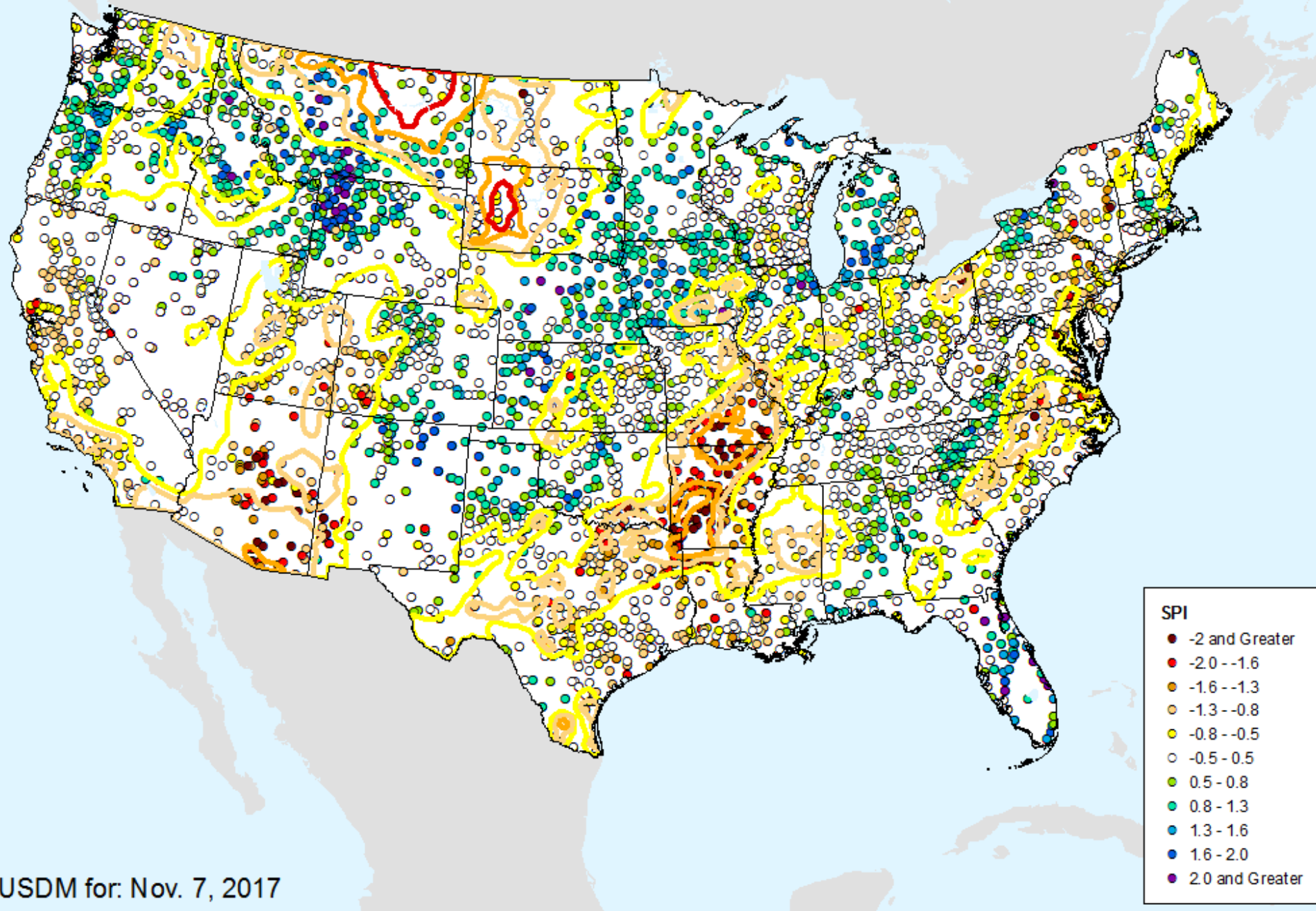
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# HPRCC 2-month SPI

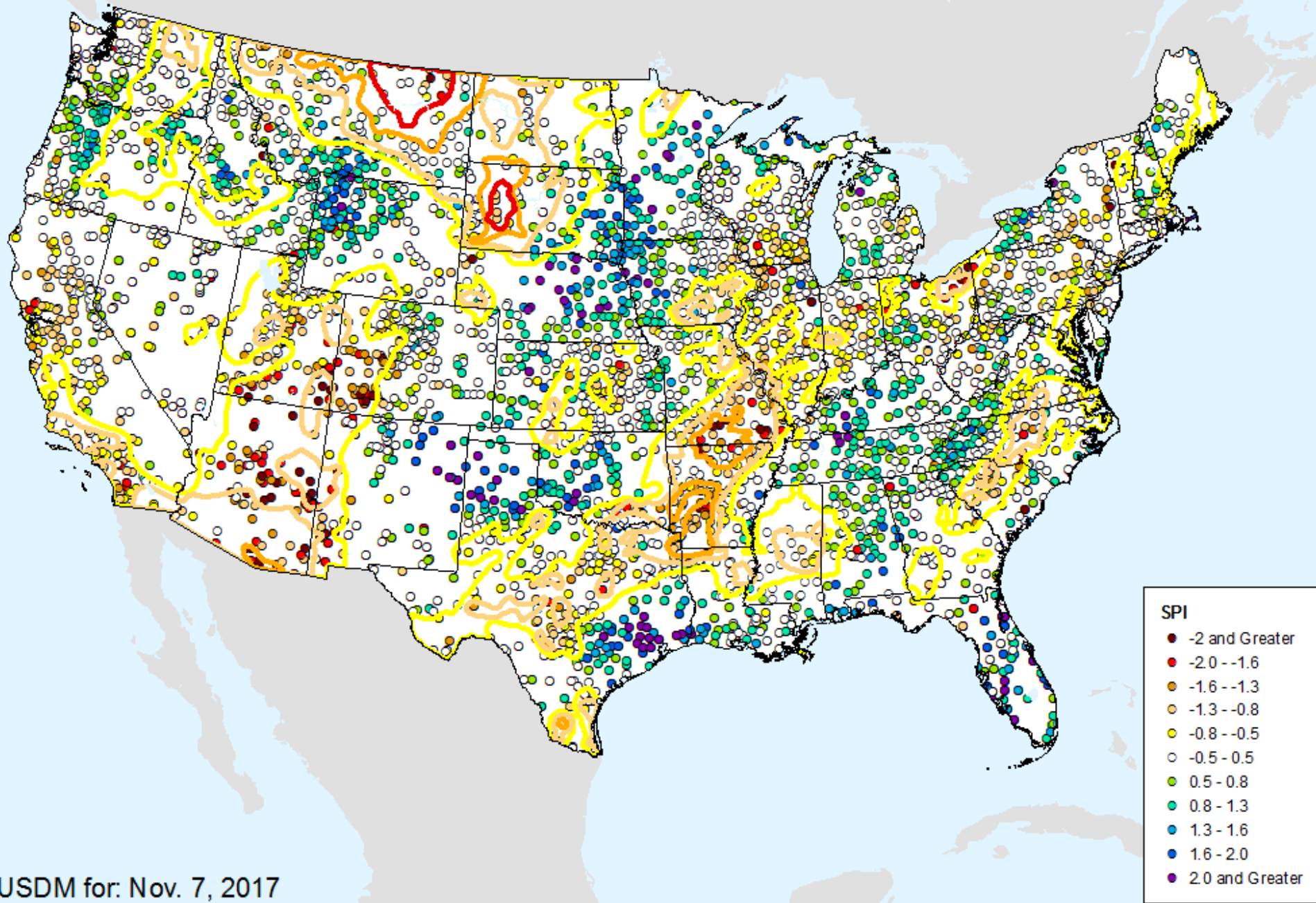
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

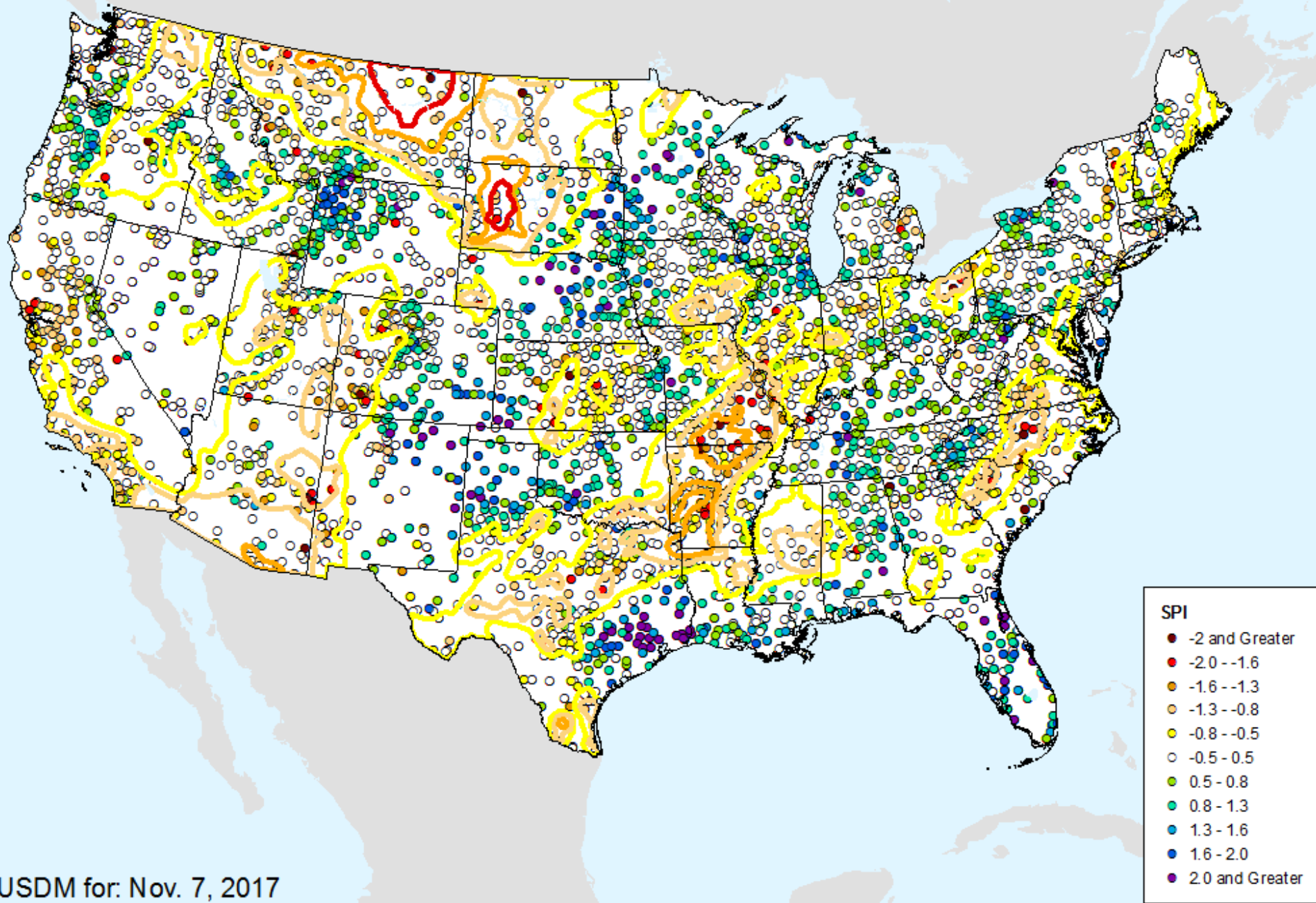
# HPRCC 3-month SPI

As of: Tuesday, November 14, 2017



# HPRCC 4-month SPI

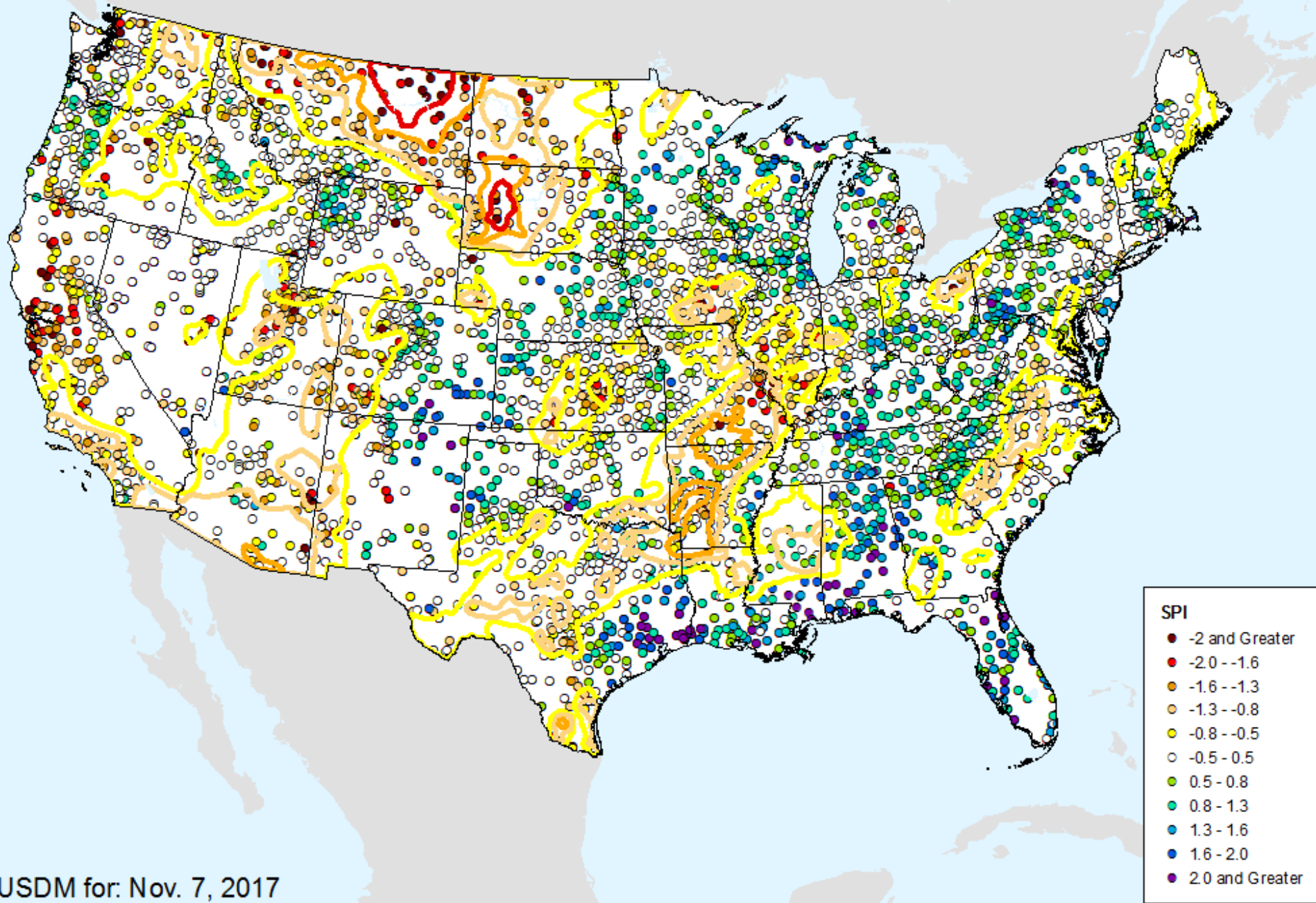
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# HPRCC 6-month SPI

As of: Tuesday, November 14, 2017

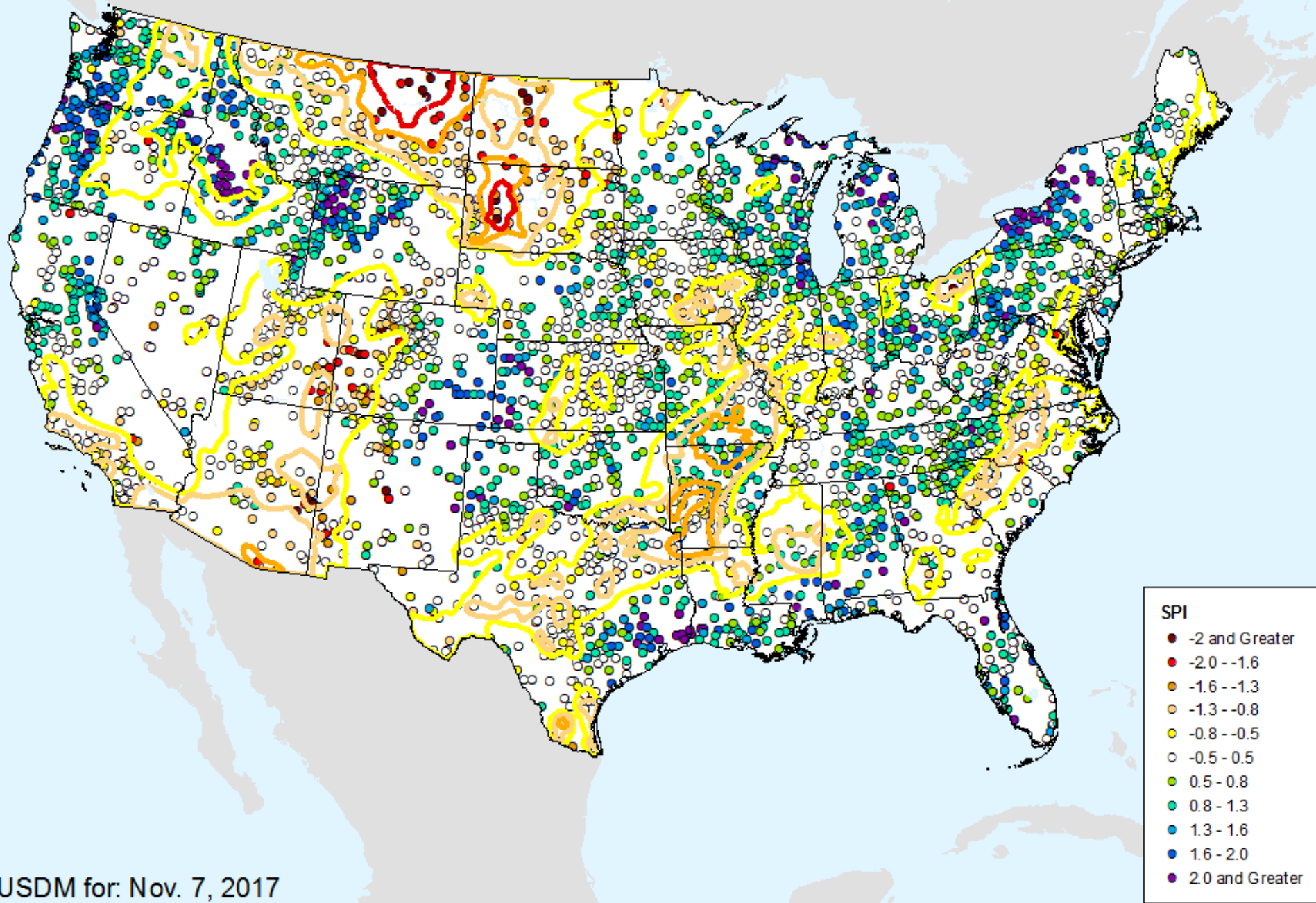


USDM for: Nov. 7, 2017



# HPRCC 9-month SPI

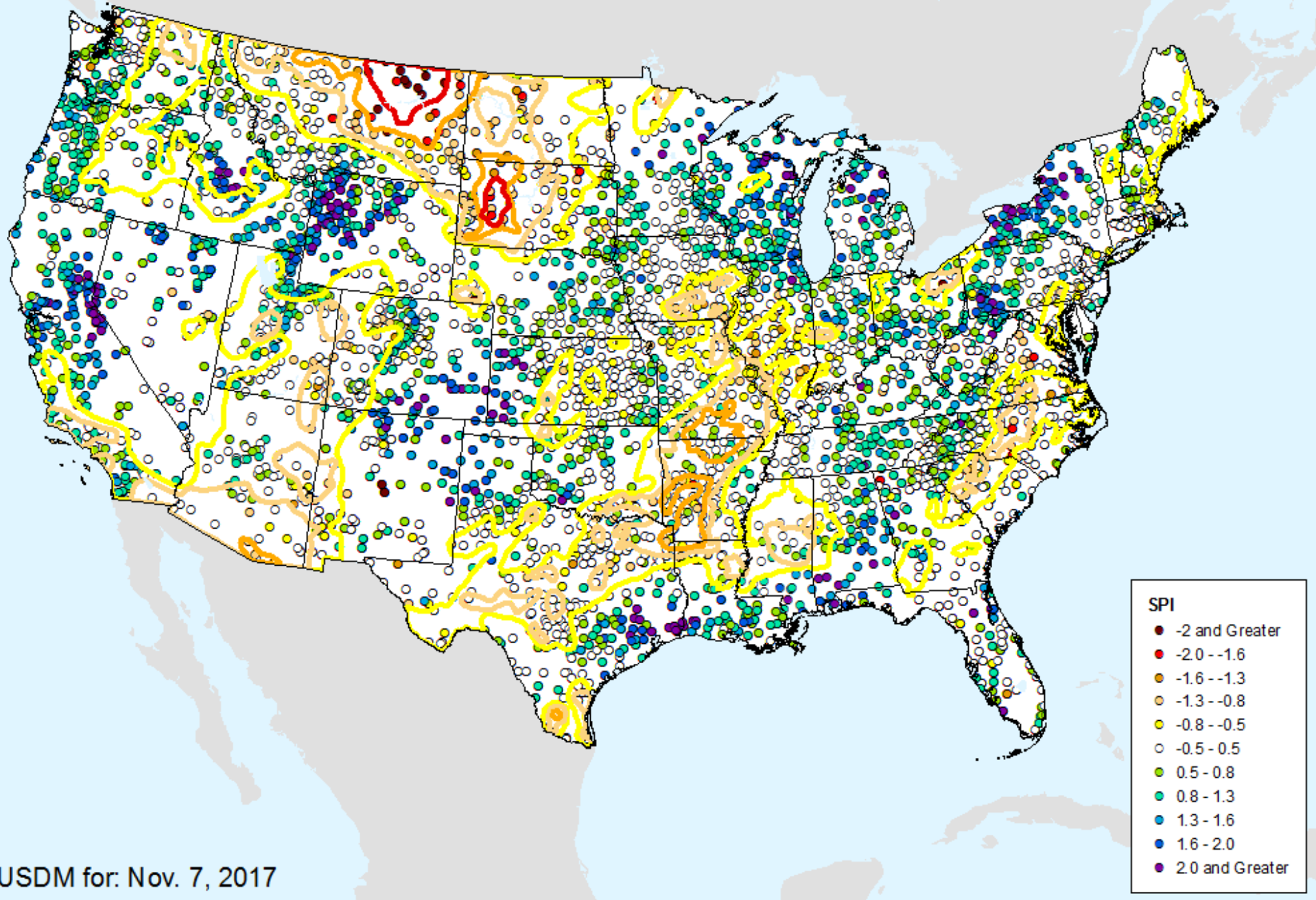
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# HPRCC 12-month SPI

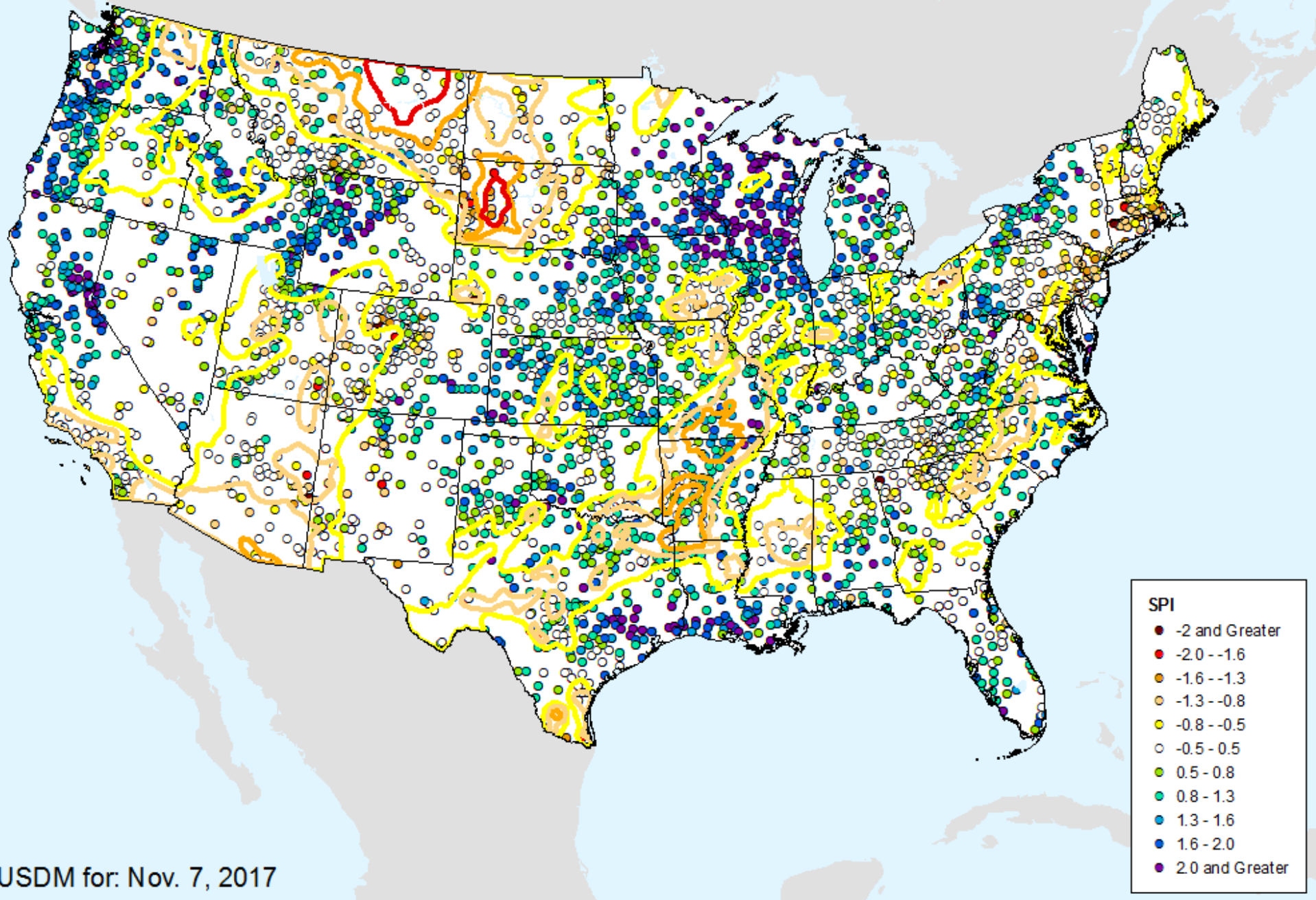
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# HPRCC 24-month SPI

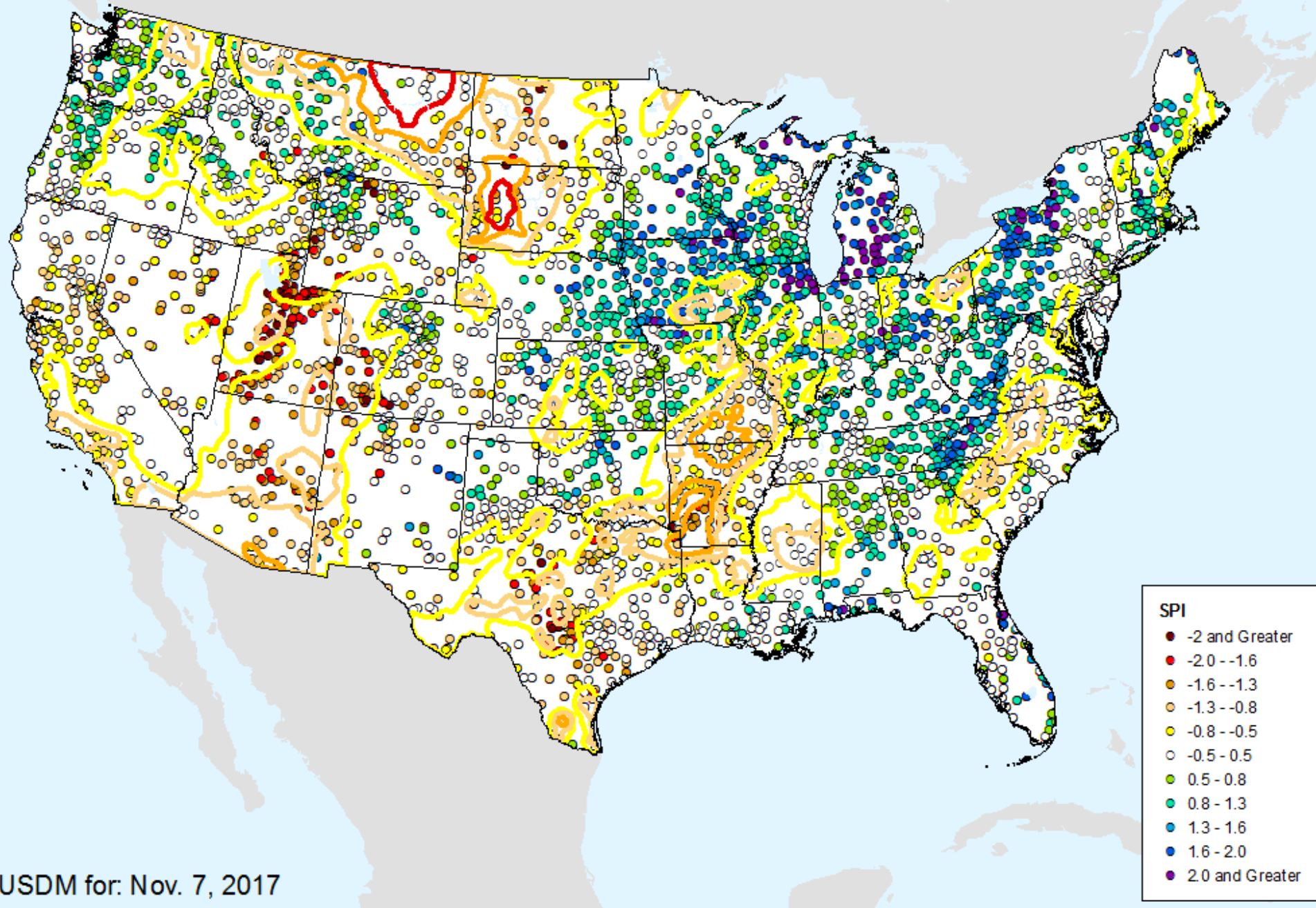
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# HPRCC Water Year-to-date SPI

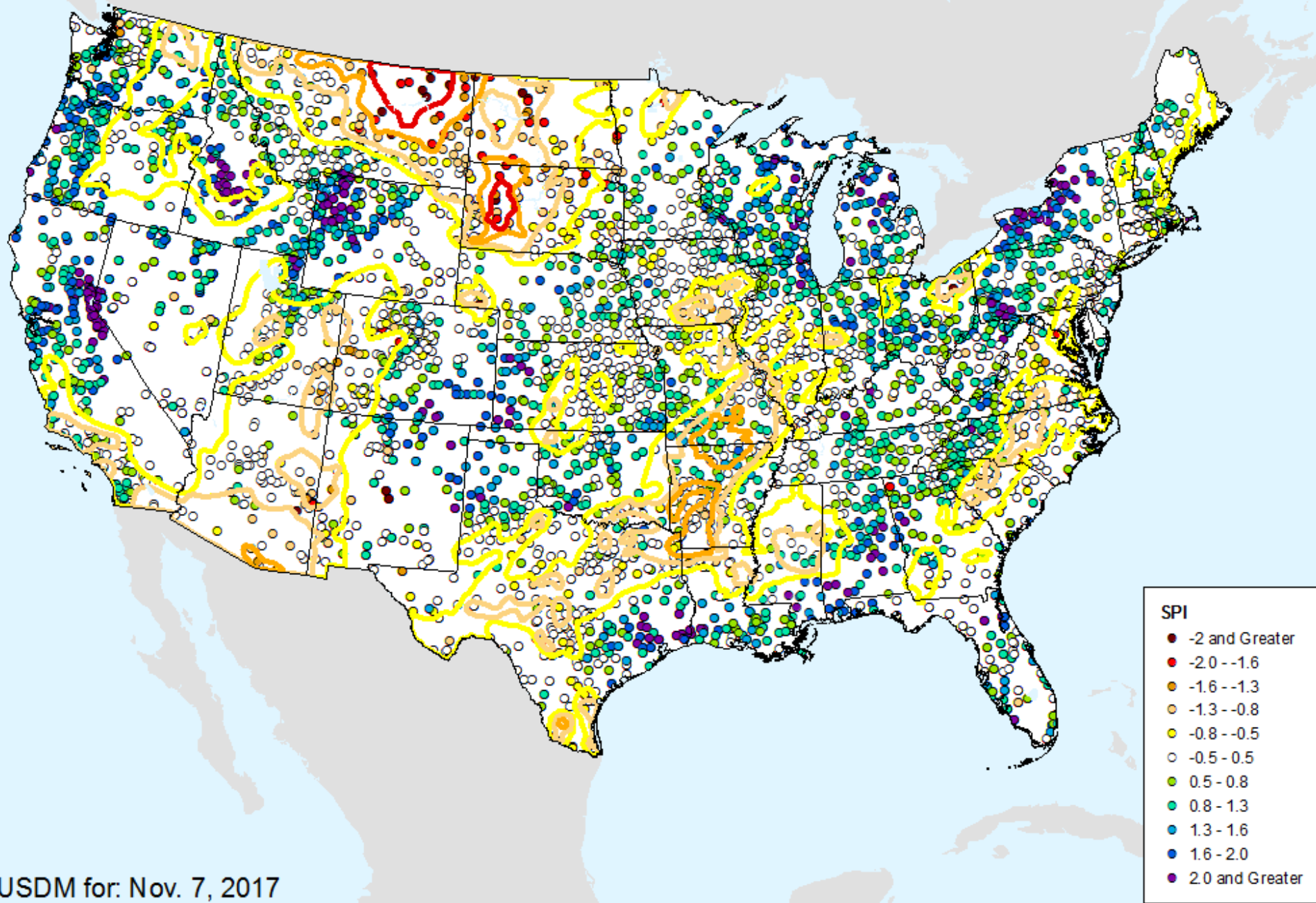
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# HPRCC Year-to-date SPI

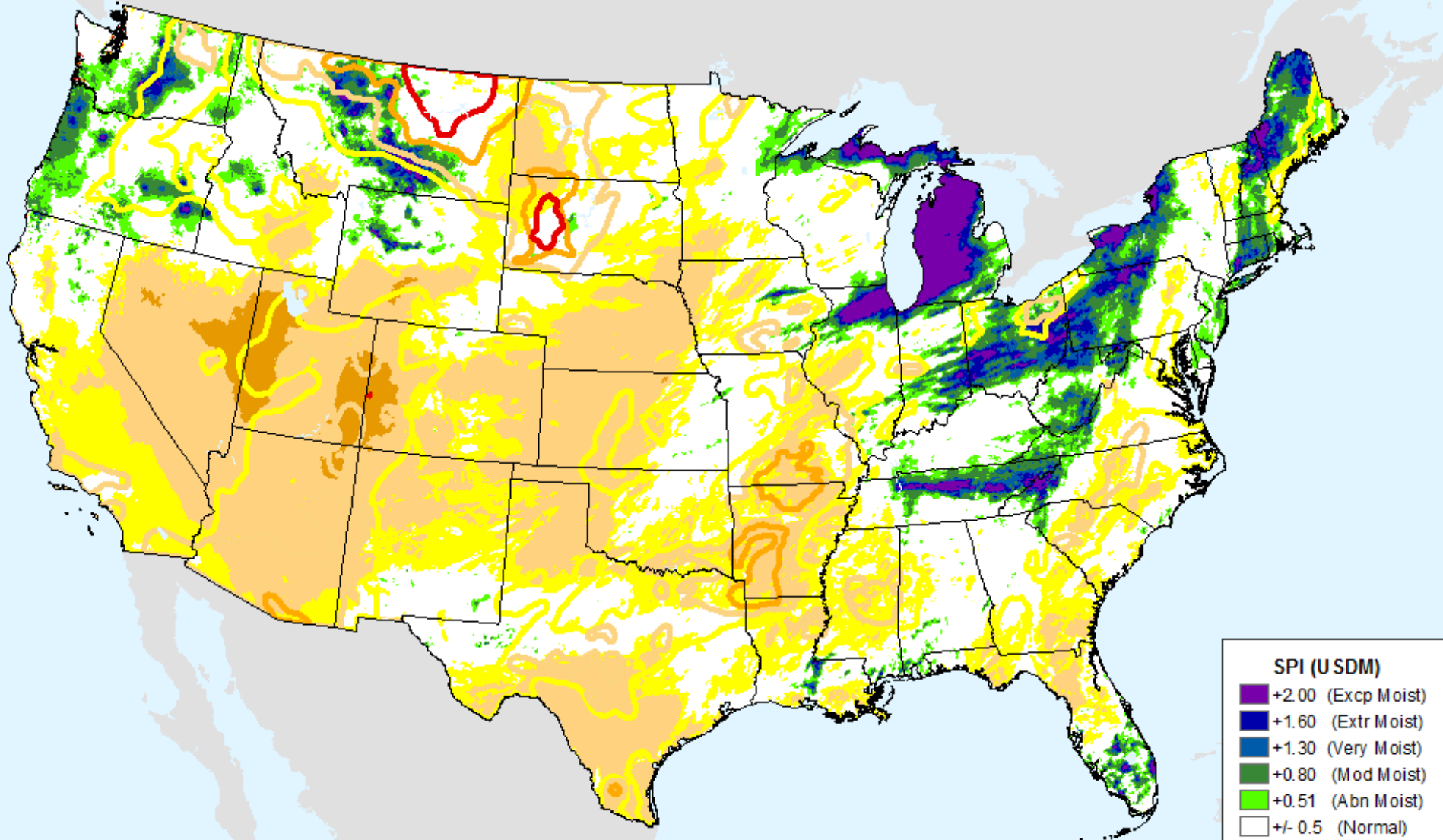
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 1-month SPI

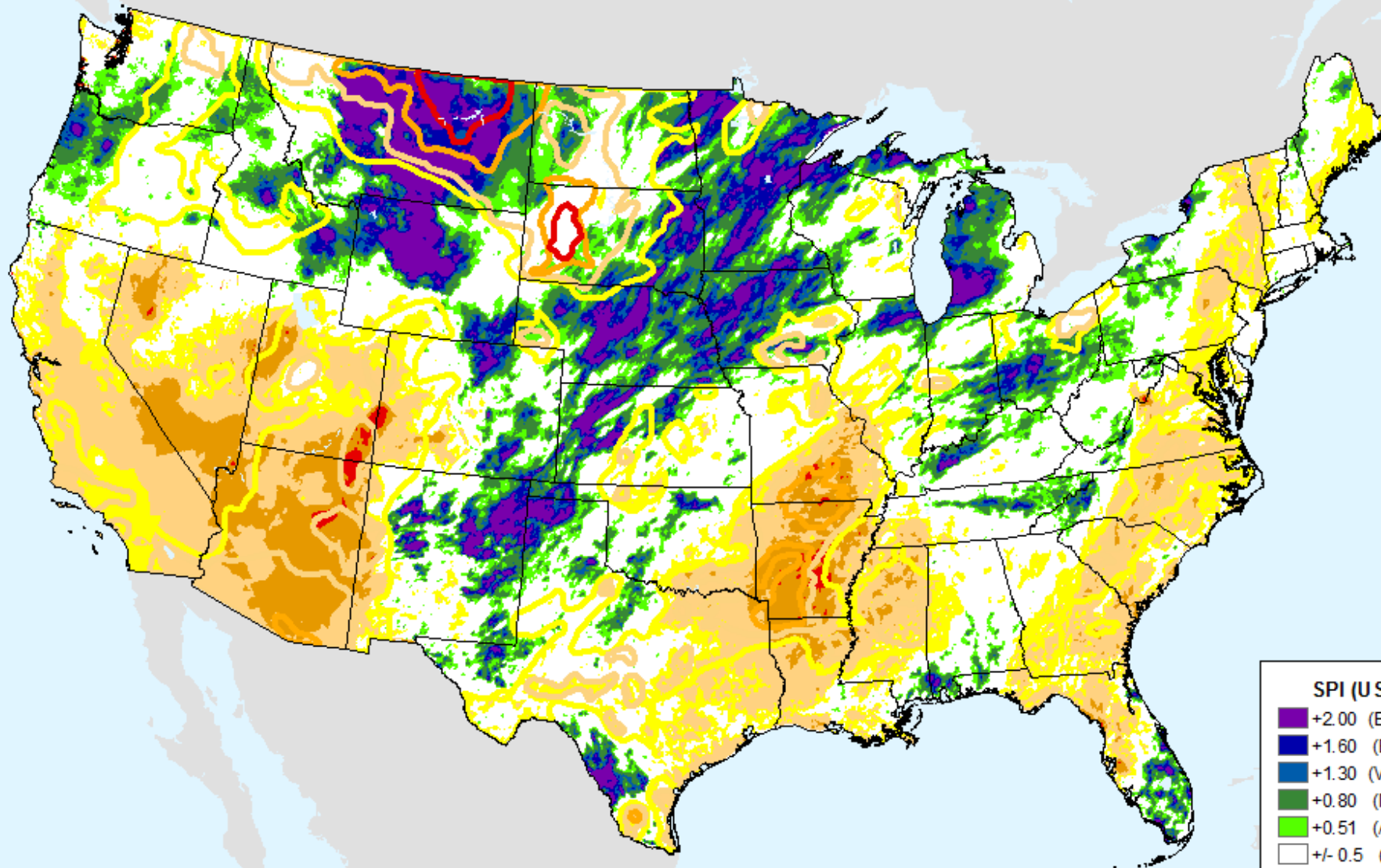
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 2-month SPI

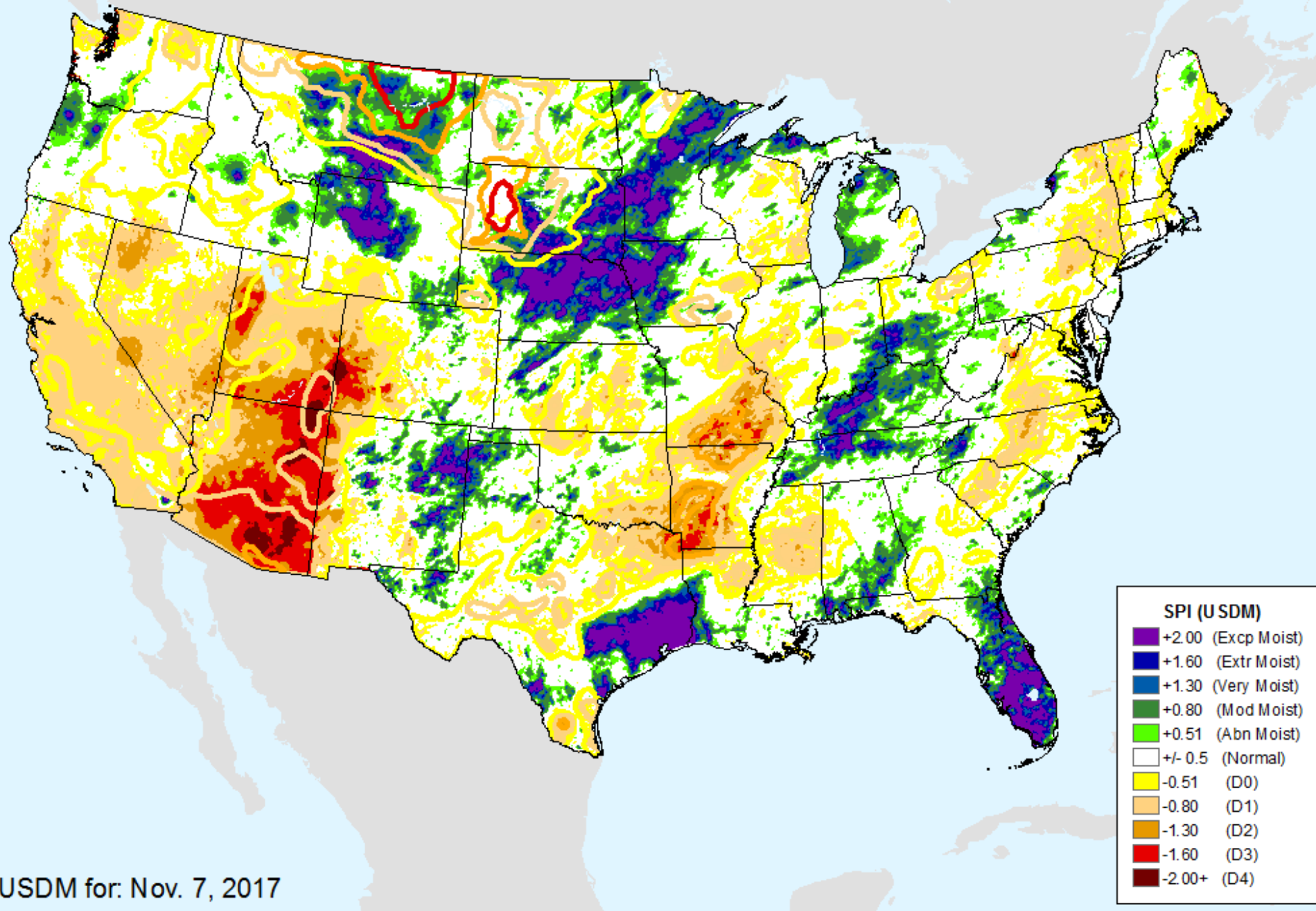
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 3-month SPI

As of: Tuesday, November 14, 2017

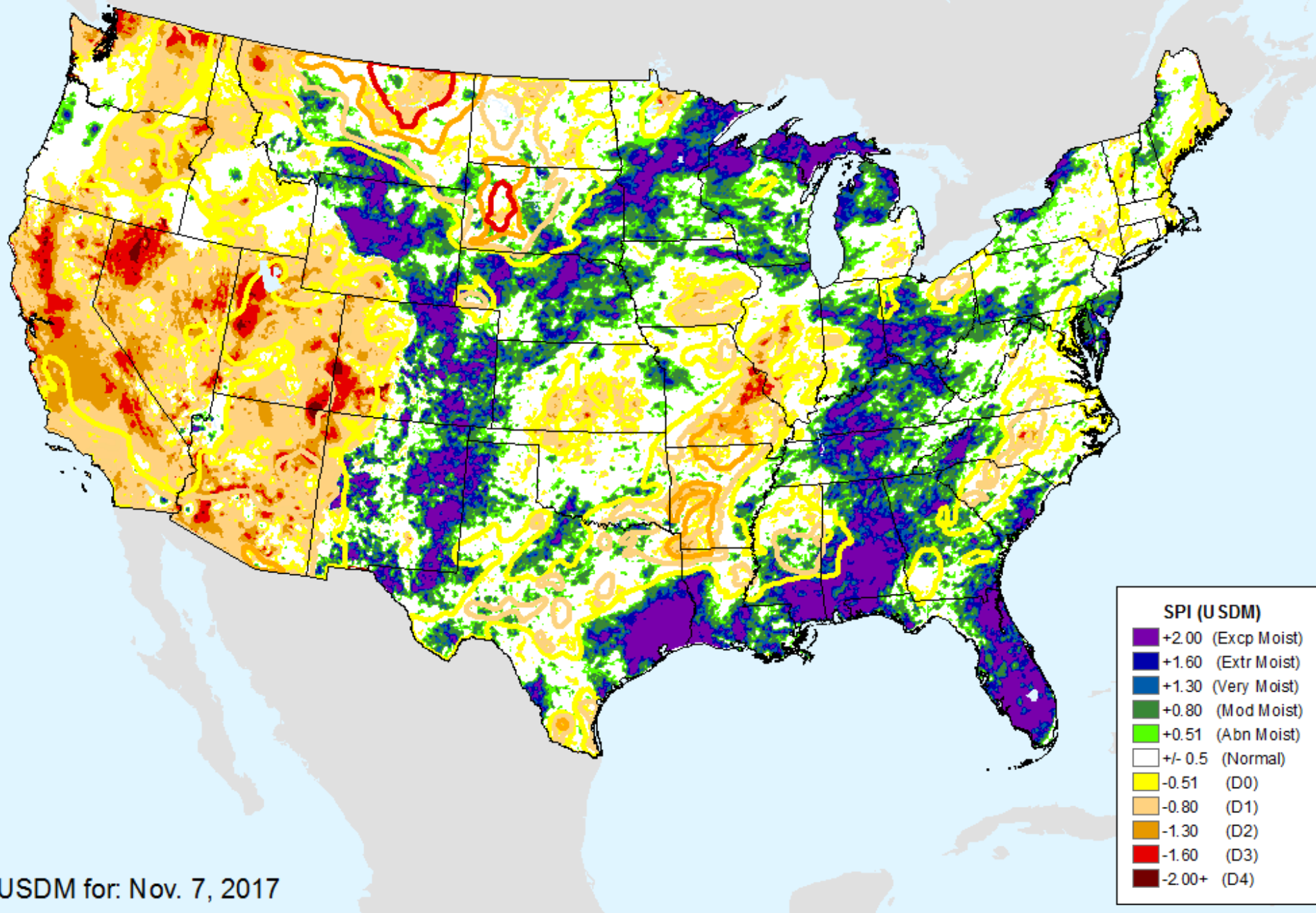


USDM for: Nov. 7, 2017



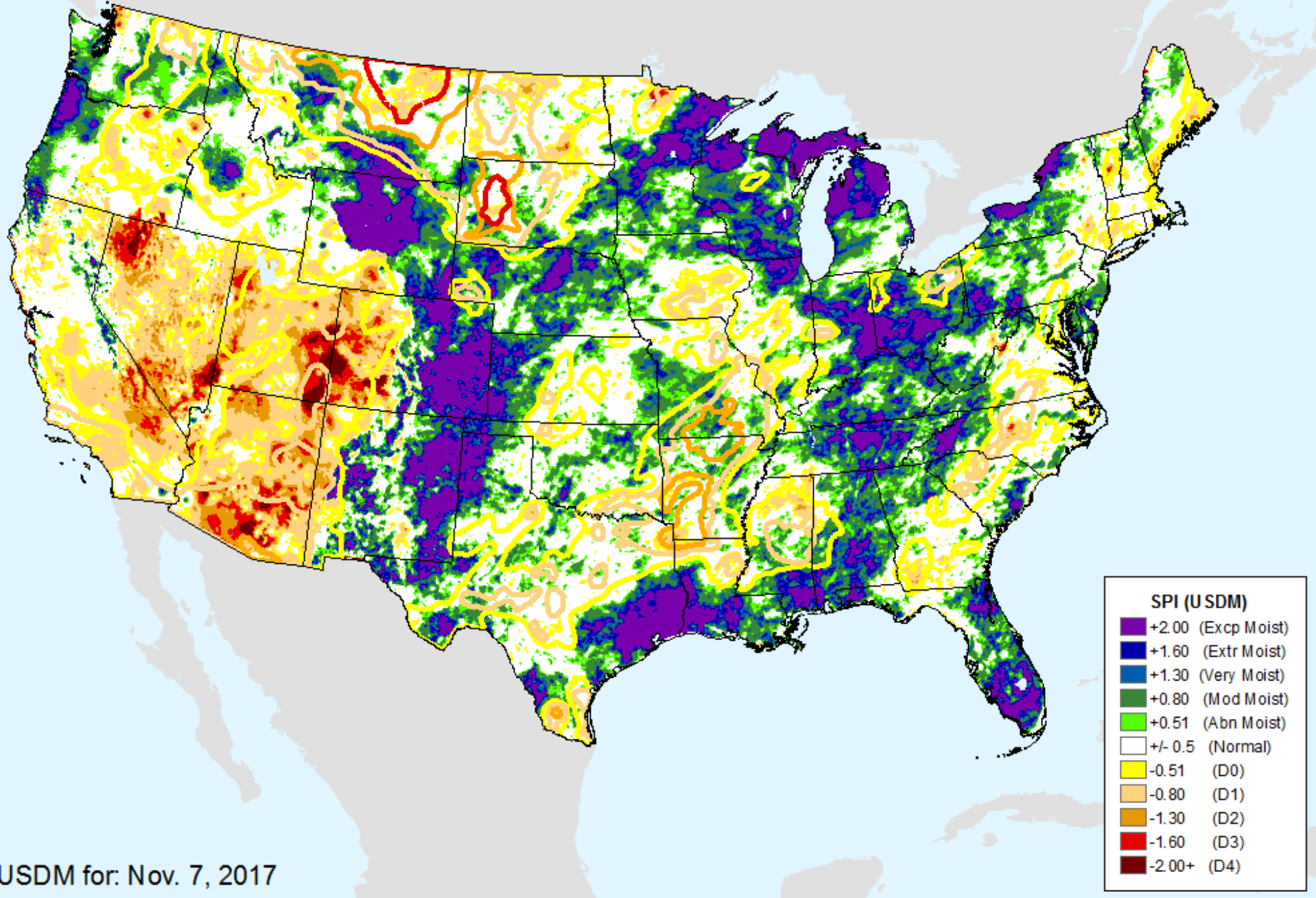
# AHPS 6-month SPI

As of: Tuesday, November 14, 2017



# AHPS 9-month SPI

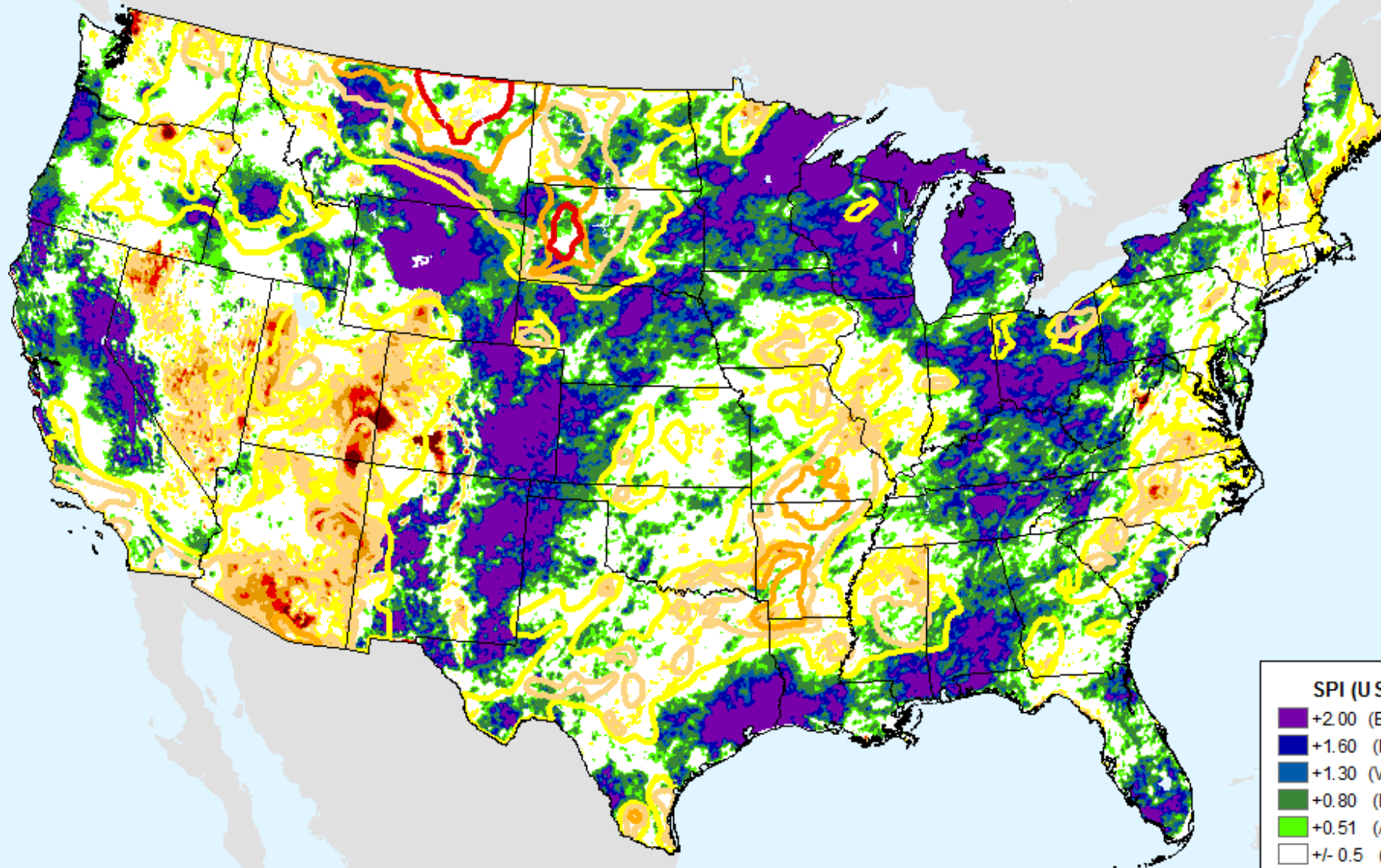
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 12-month SPI

As of: Tuesday, November 14, 2017

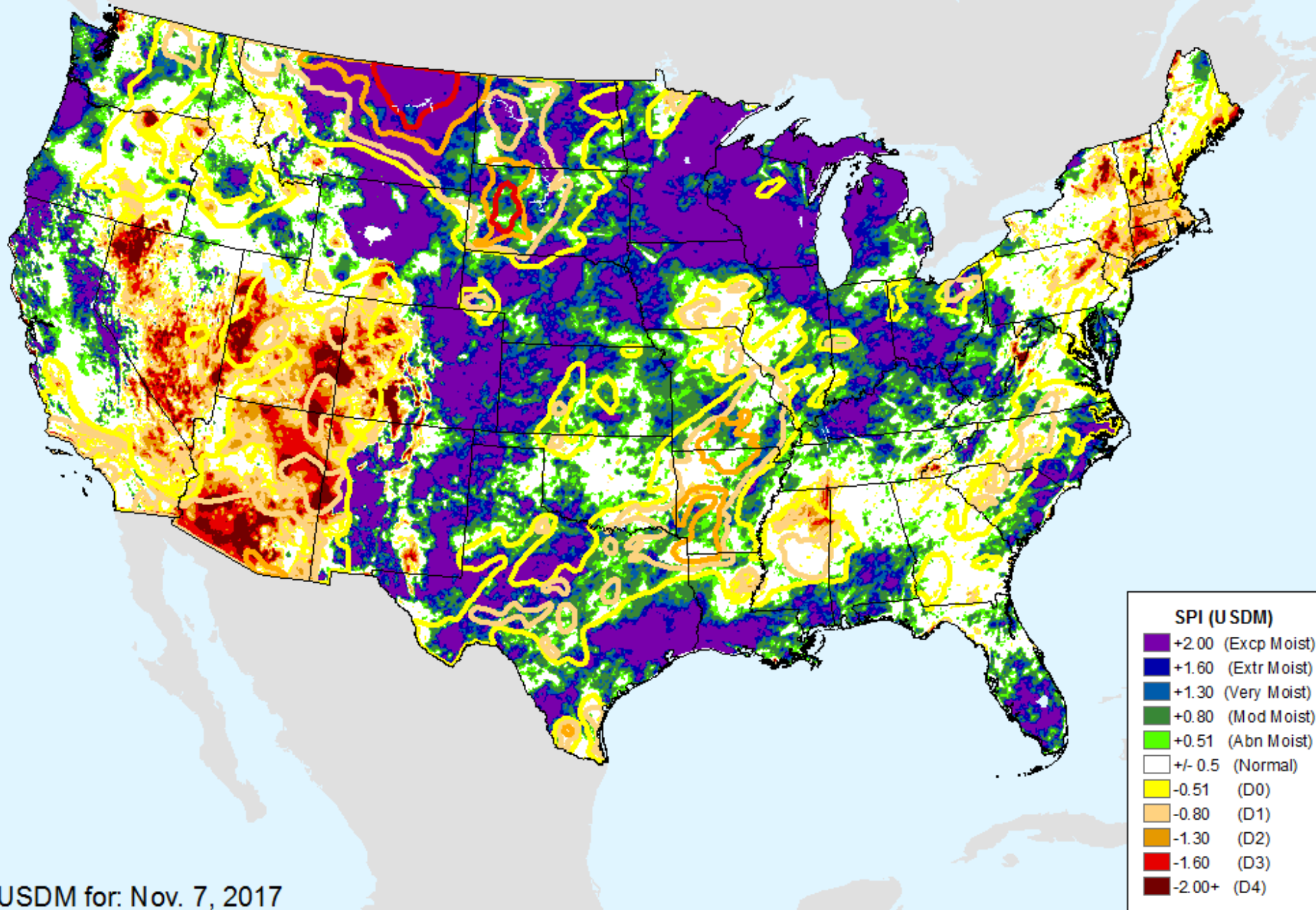


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Dark Orange	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Nov. 7, 2017

# AHPS 24-month SPI

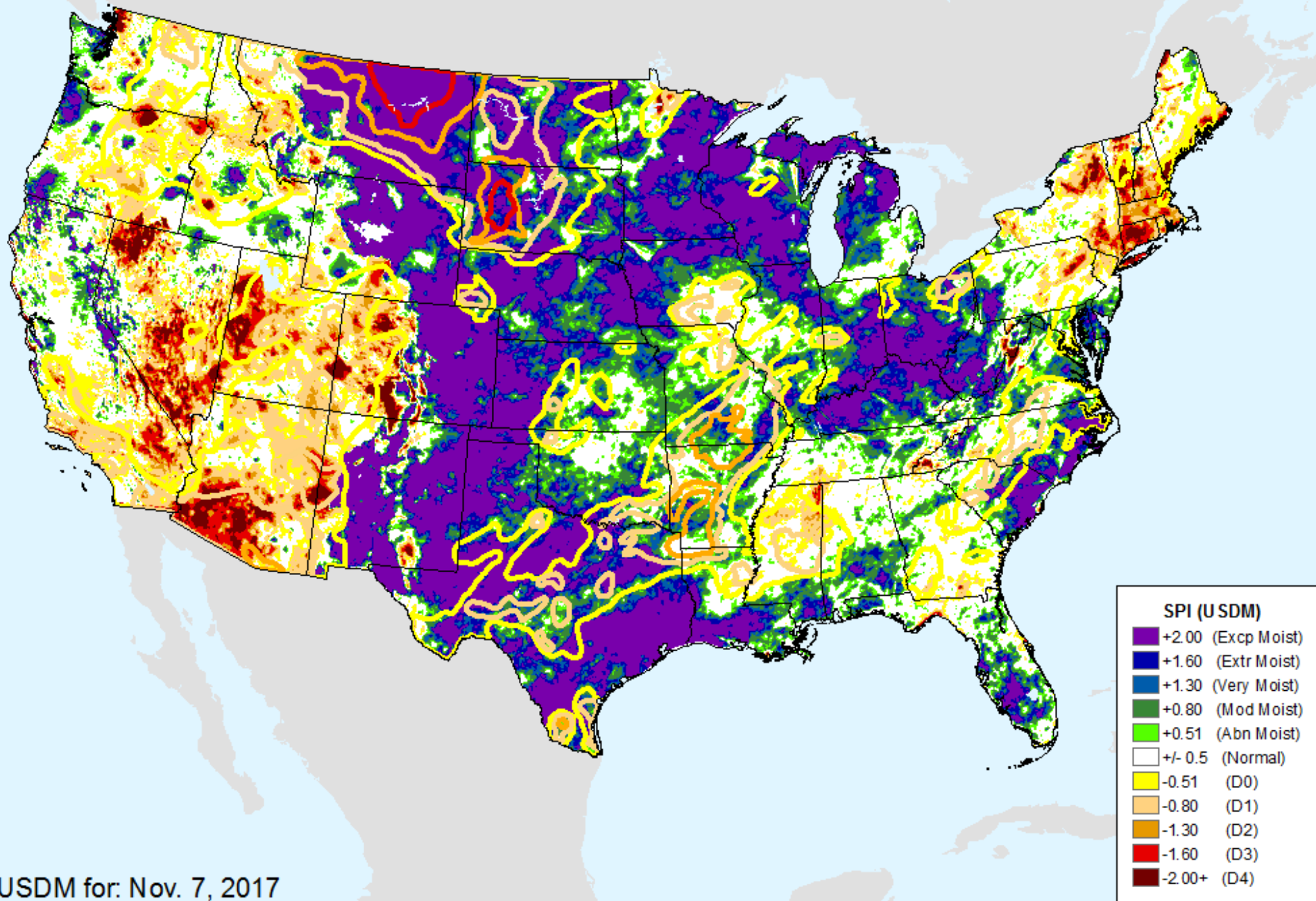
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 36-month SPI

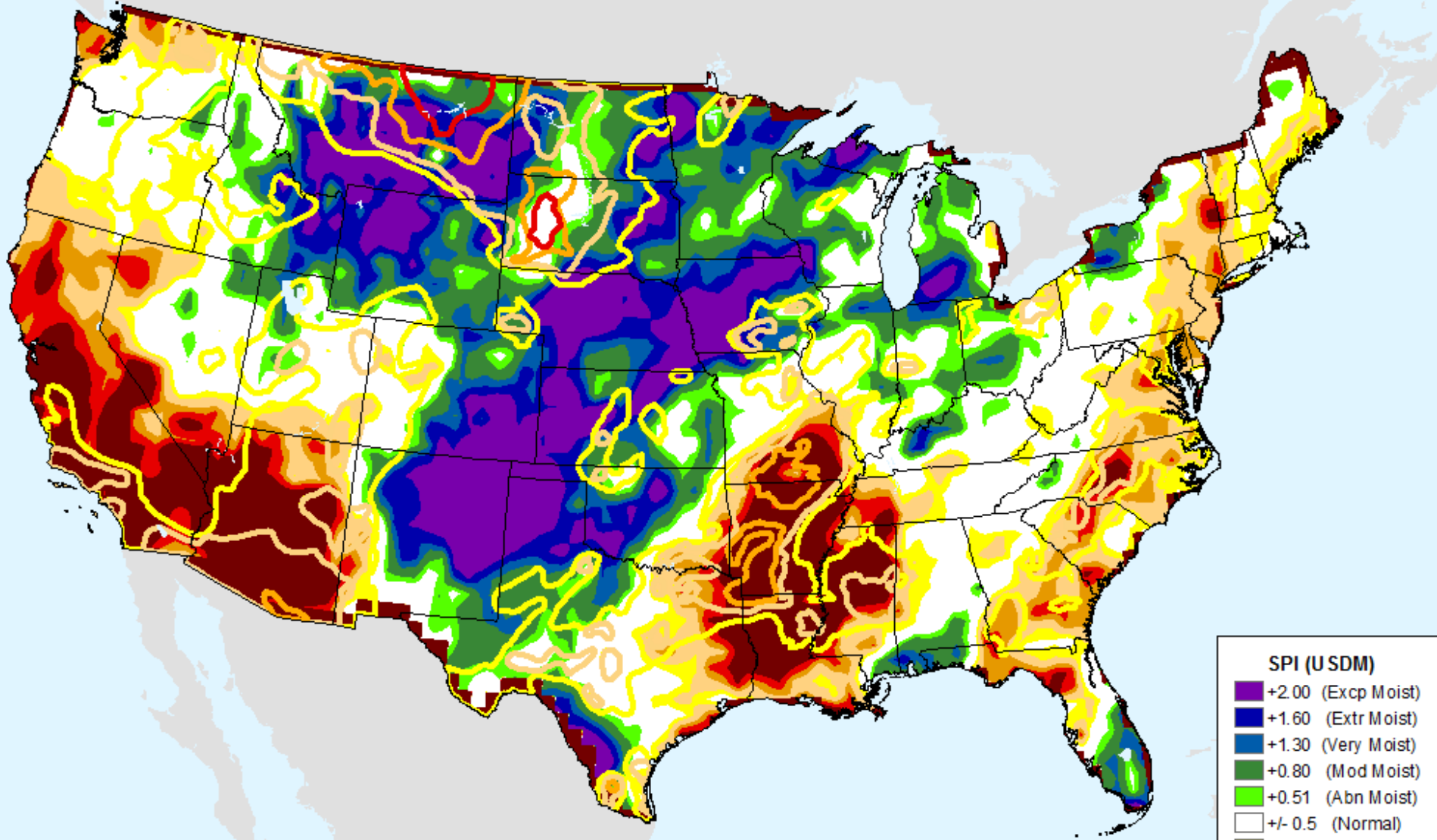
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# CPC 3-month SPI

As of: Tuesday, November 14, 2017

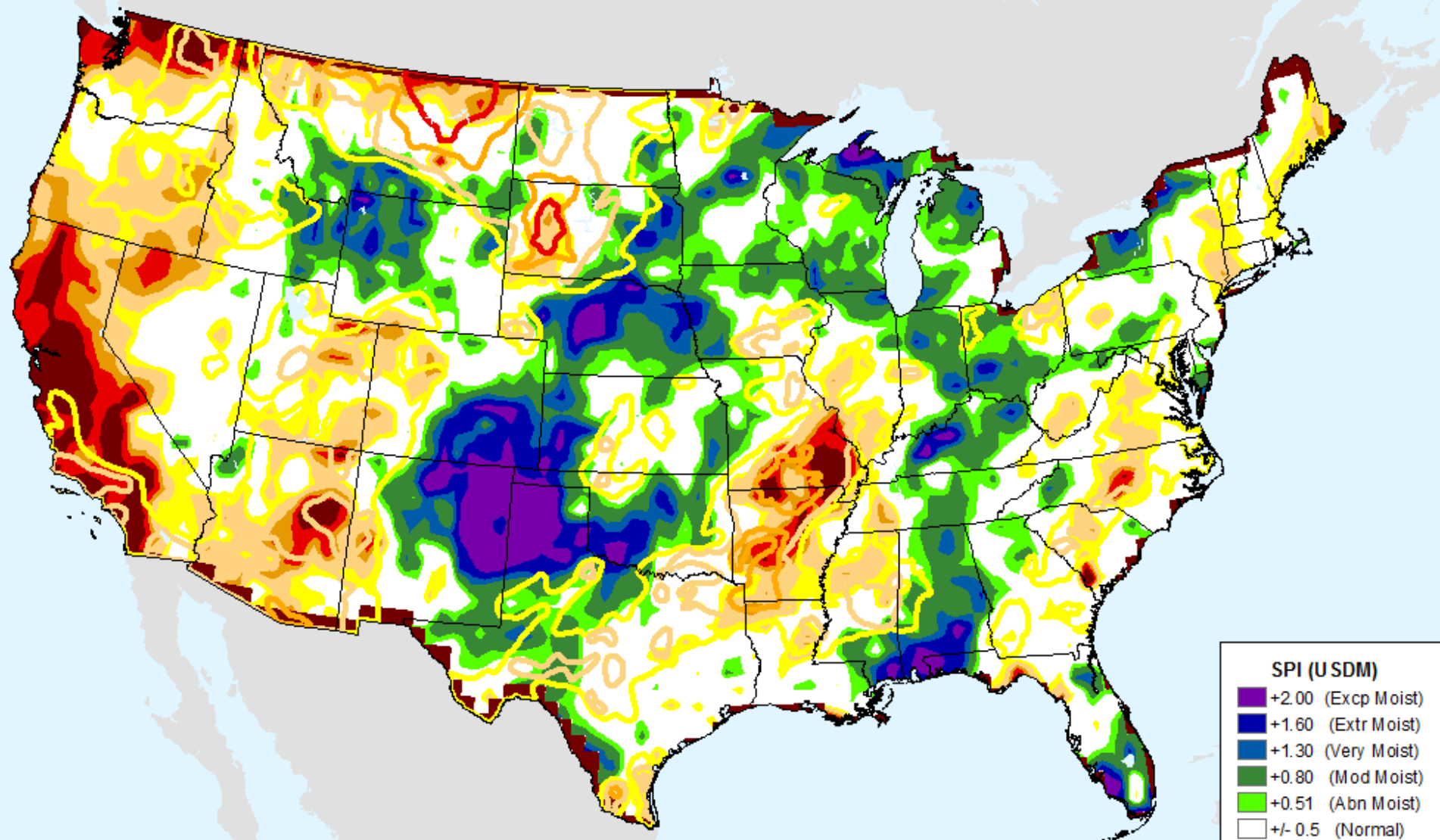


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Blue	+1.60 (Extr Moist)
Dark Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Nov. 7, 2017

# CPC 6-month SPI

As of: Tuesday, November 14, 2017

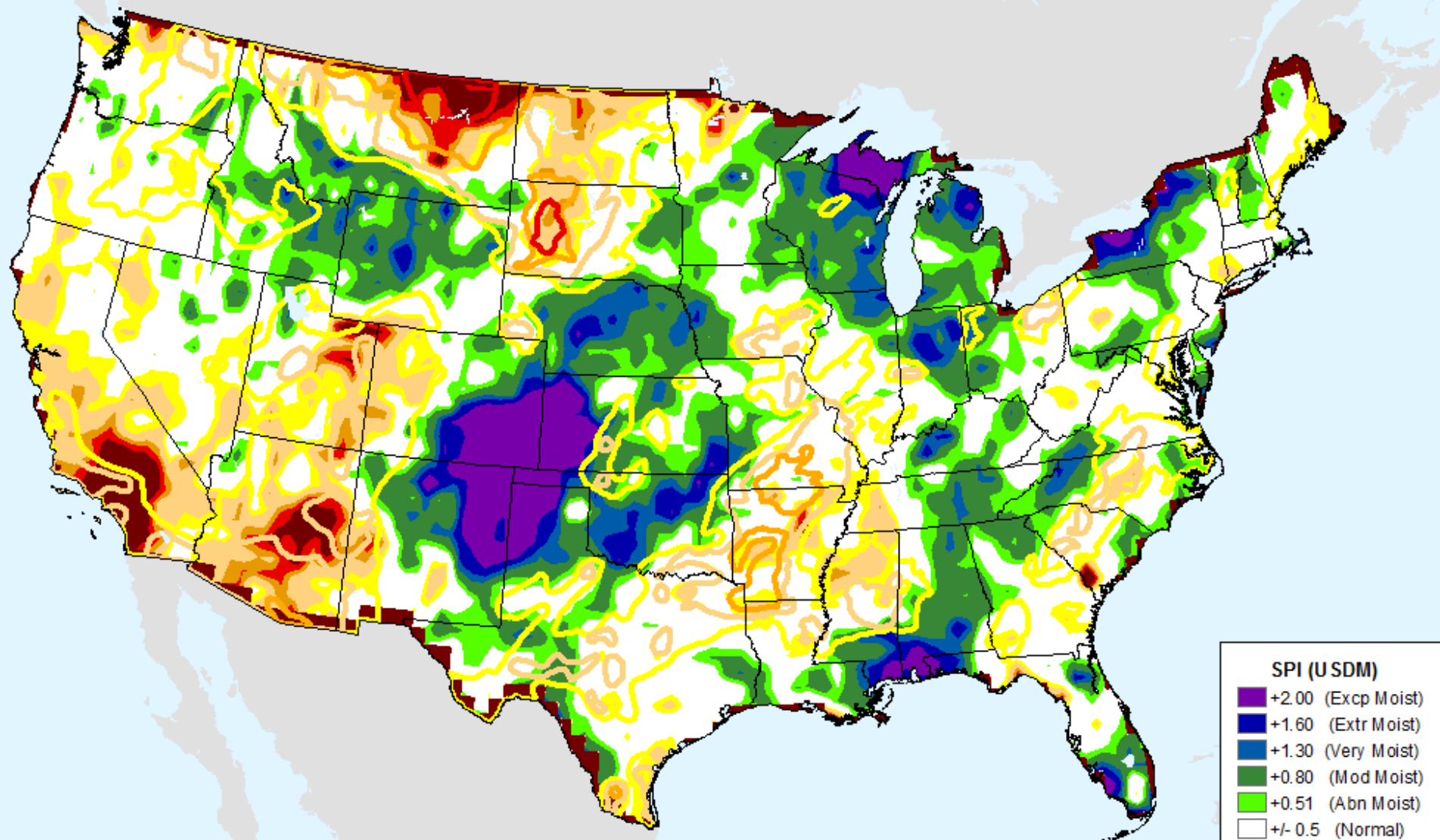


SPI (USDM)	
Dark Purple	+2.00 (Excp Moist)
Dark Blue	+1.60 (Extr Moist)
Blue	+1.30 (Very Moist)
Green	+0.80 (Mod Moist)
Light Green	+0.51 (Abn Moist)
White	+/- 0.5 (Normal)
Yellow	-0.51 (D0)
Light Orange	-0.80 (D1)
Orange	-1.30 (D2)
Red	-1.60 (D3)
Dark Red	-2.00+ (D4)

USDM for: Nov. 7, 2017

# CPC 9-month SPI

As of: Tuesday, November 14, 2017



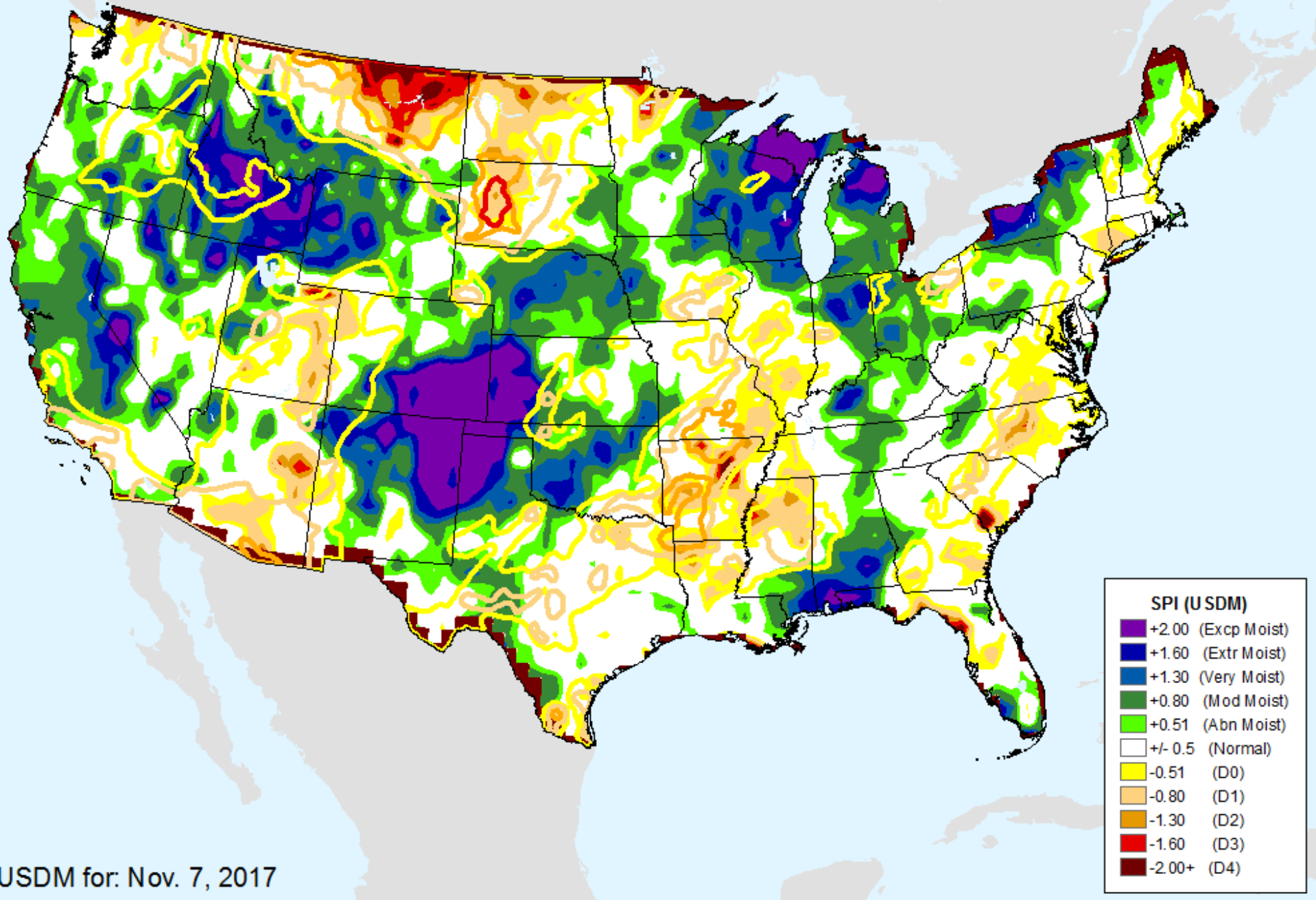
SPI (USDM)	
+	+2.00 (Excp Moist)
+	+1.60 (Extr Moist)
+	+1.30 (Very Moist)
+	+0.80 (Mod Moist)
+	+0.51 (Abn Moist)
±	+/- 0.5 (Normal)
-	-0.51 (D0)
-	-0.80 (D1)
-	-1.30 (D2)
-	-1.60 (D3)
-	-2.00+ (D4)

USDM for: Nov. 7, 2017



# CPC 12-month SPI

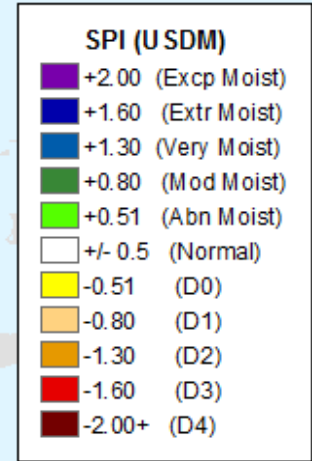
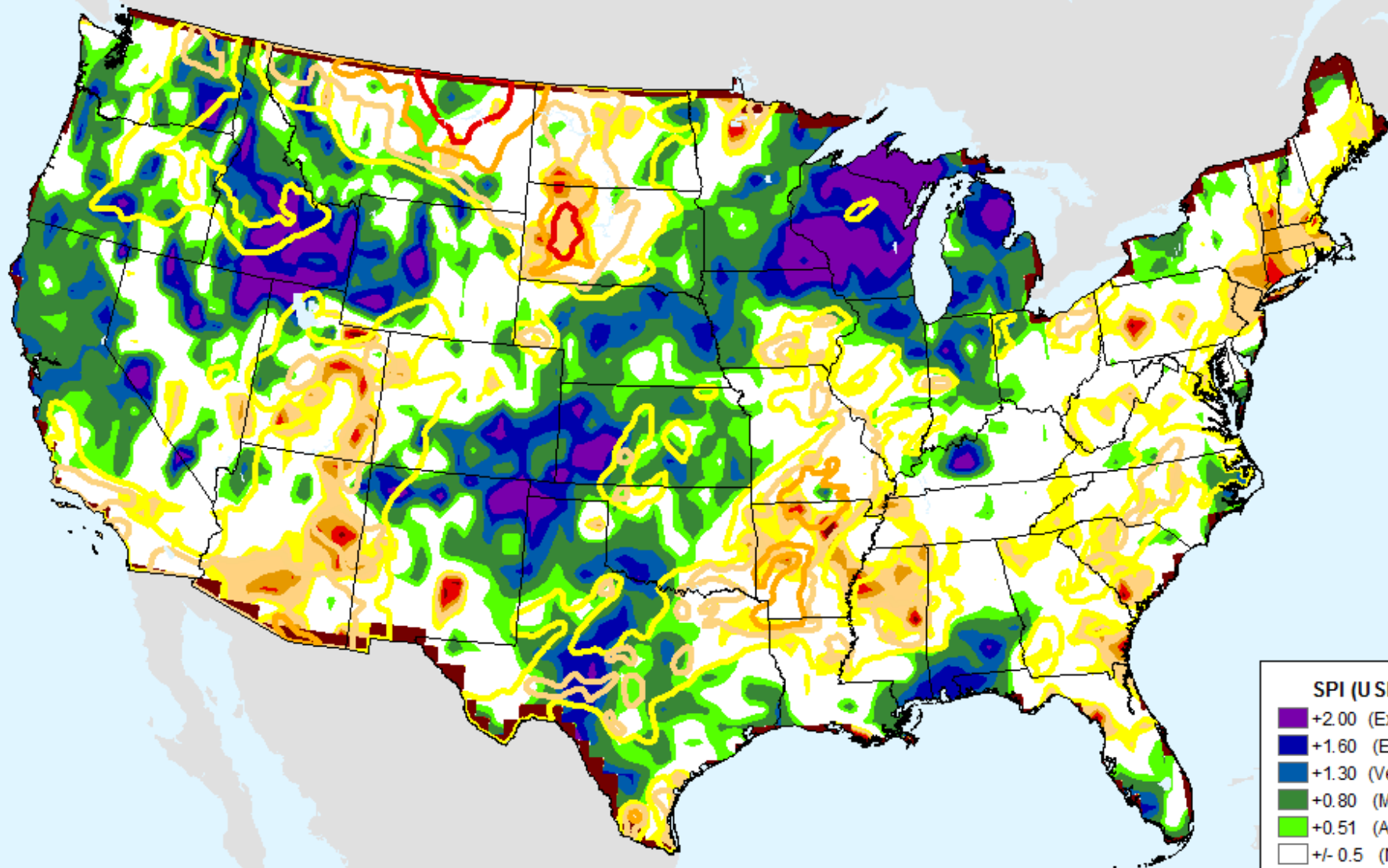
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# CPC 24-month SPI

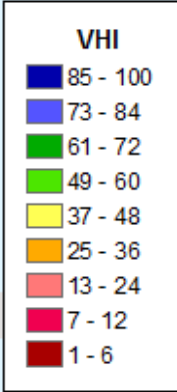
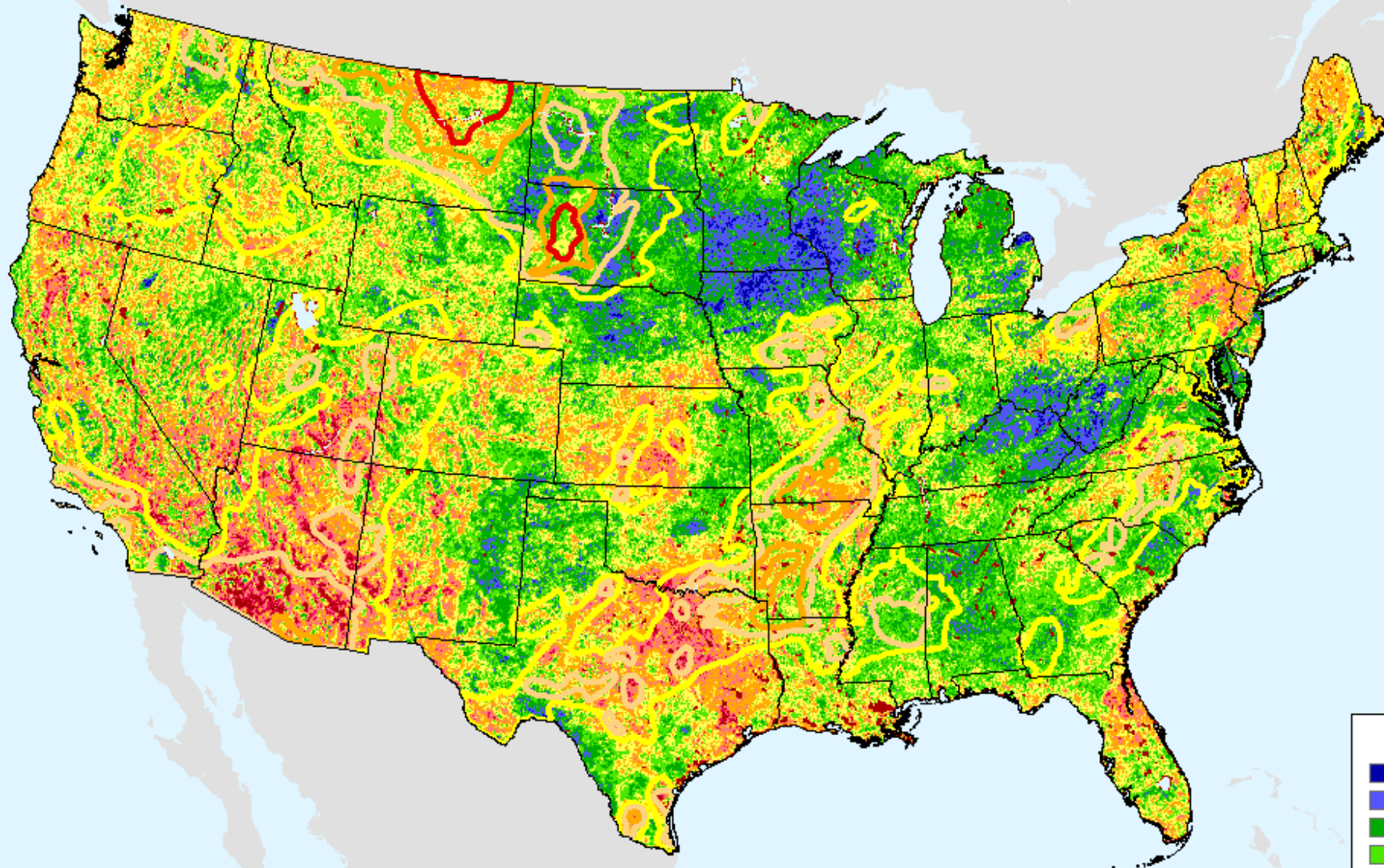
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# Vegetation Health Index

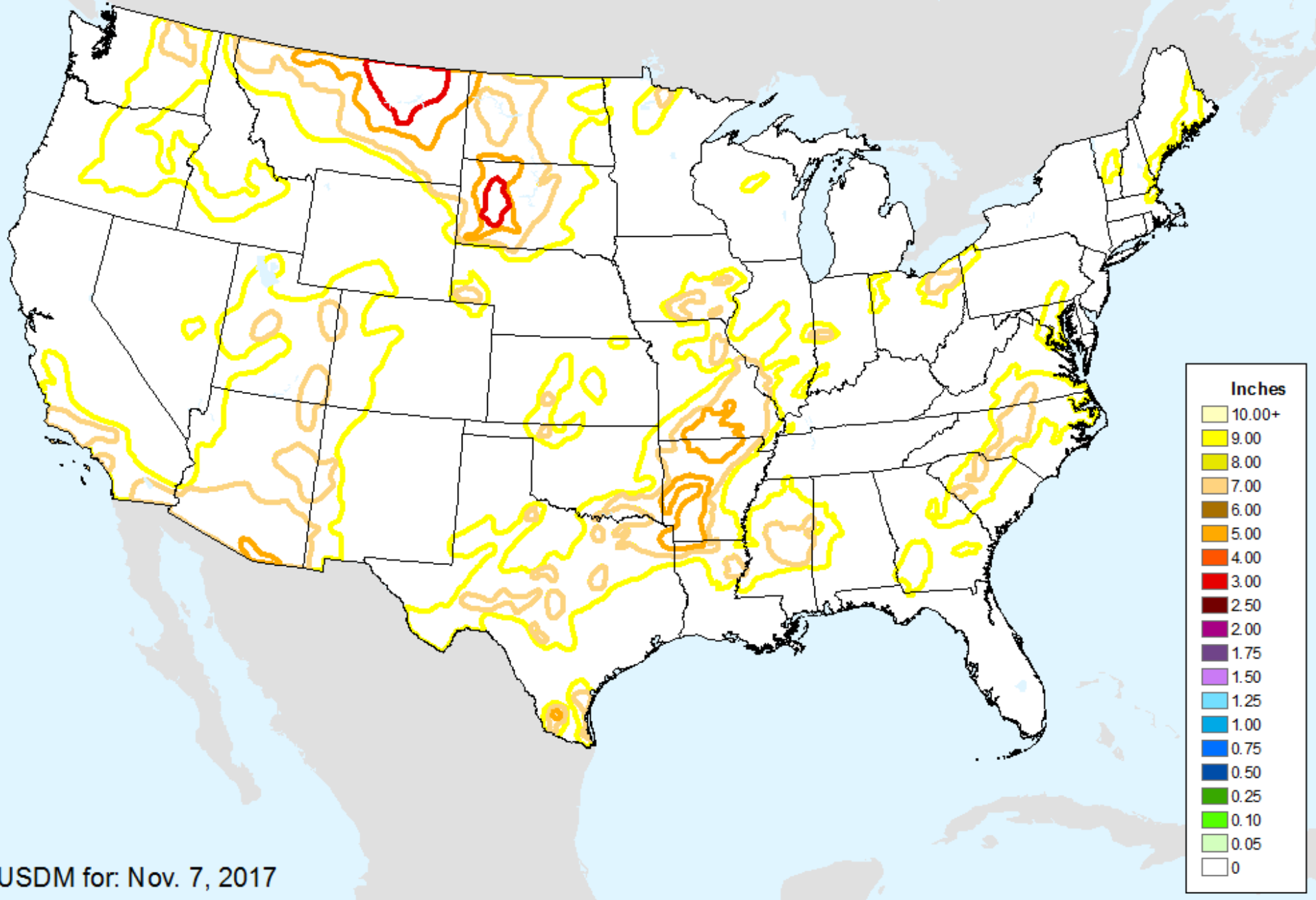
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

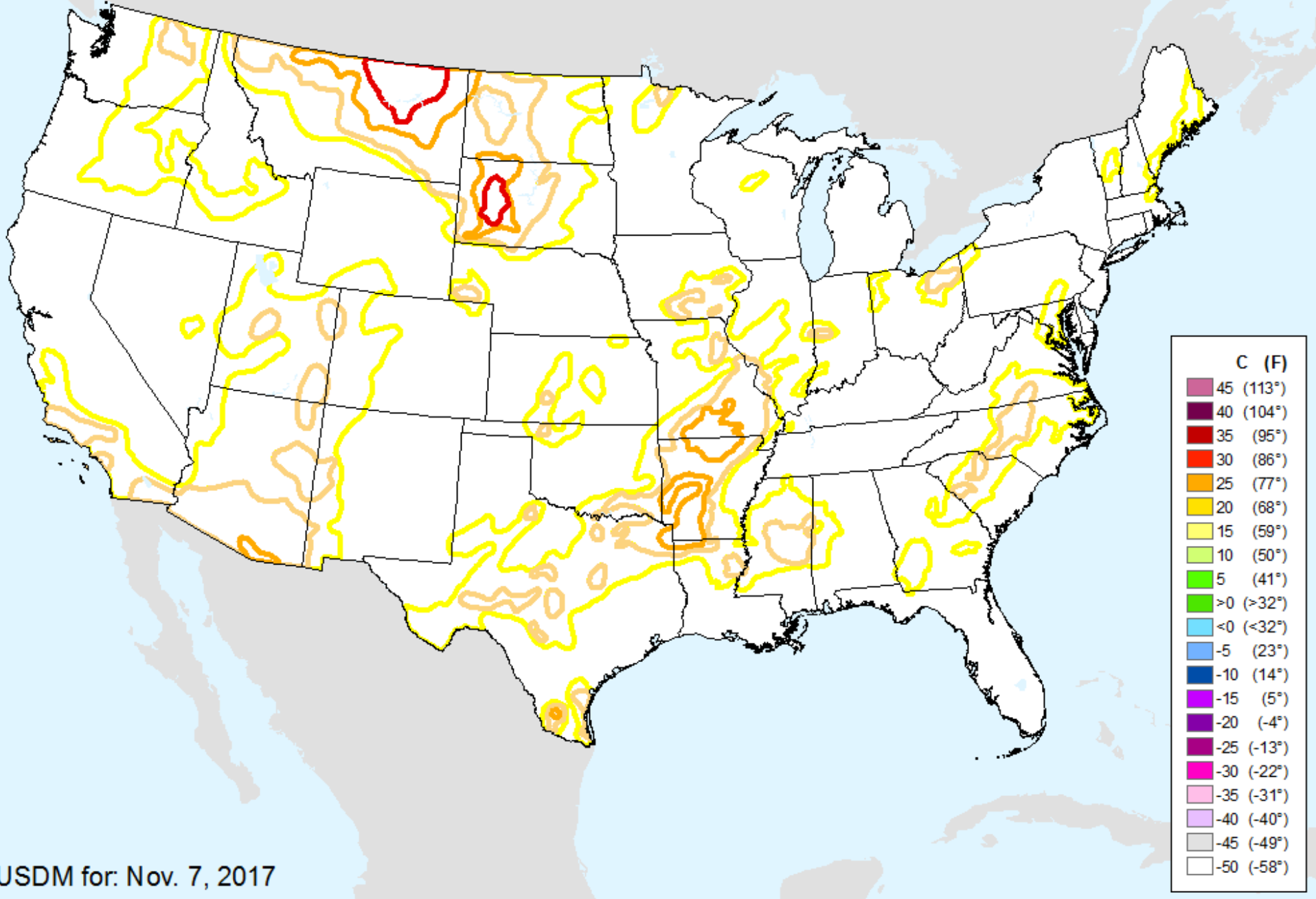
# GFS (00z) 7-Day Precip Forecast

As of: Tuesday, November 14, 2017



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

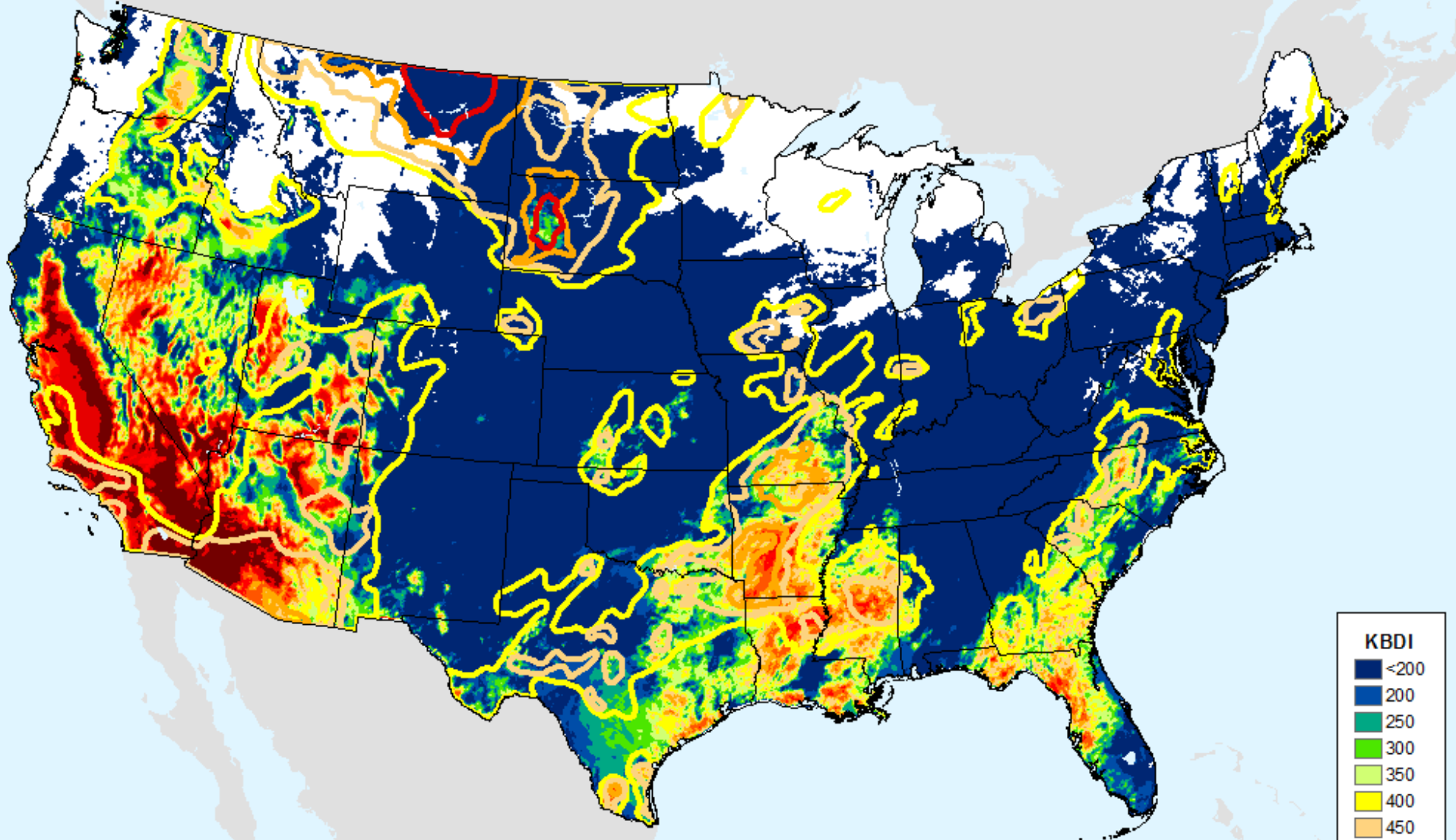
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# Keetch-Byram Drought Index (KBDI)

As of: Tuesday, November 14, 2017



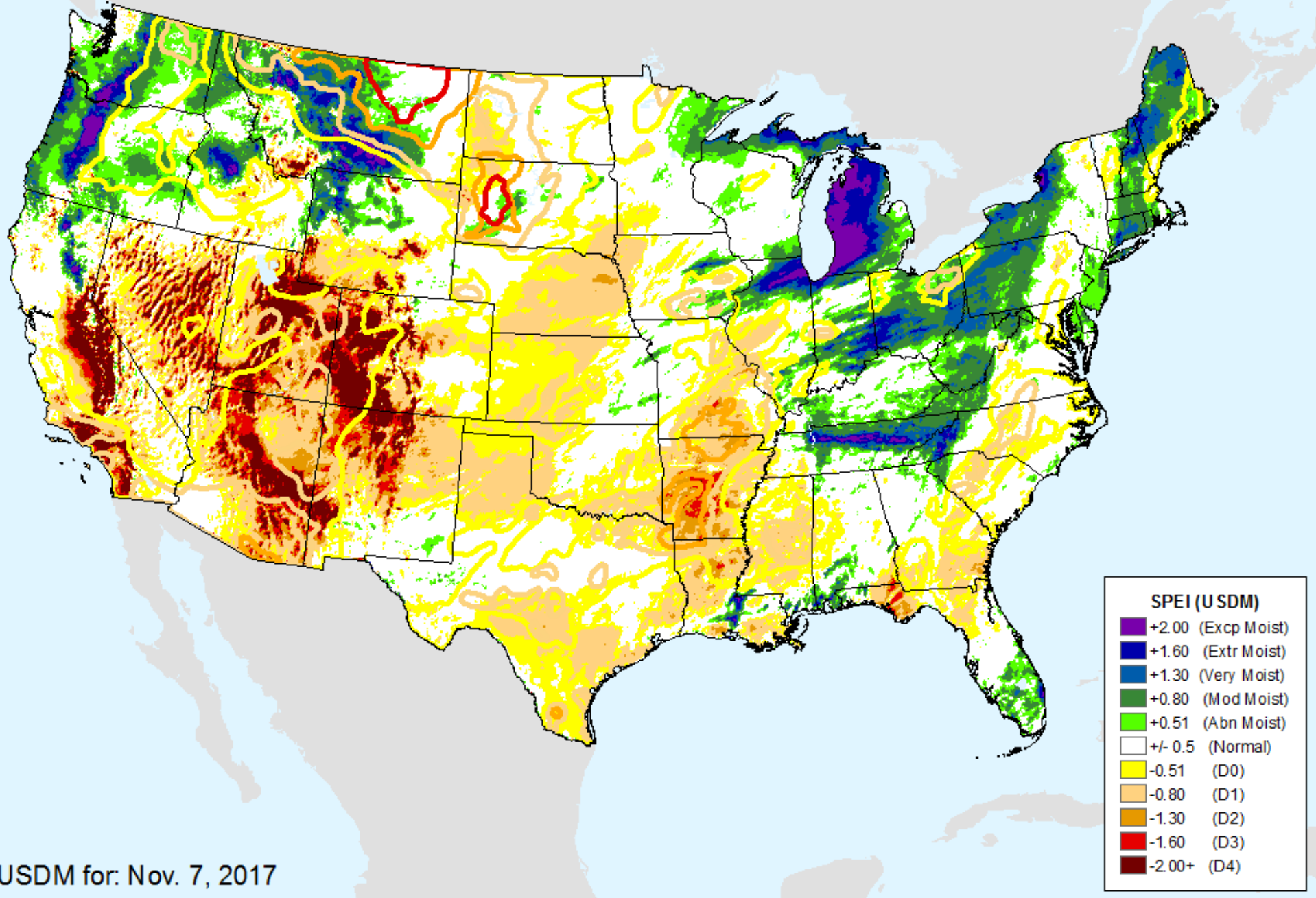
KBDI

- <200
- 200
- 250
- 300
- 350
- 400
- 450
- 500
- 550
- 600
- 650
- 700+

USDM for: Nov. 7, 2017

# AHPS 1-month SPEI

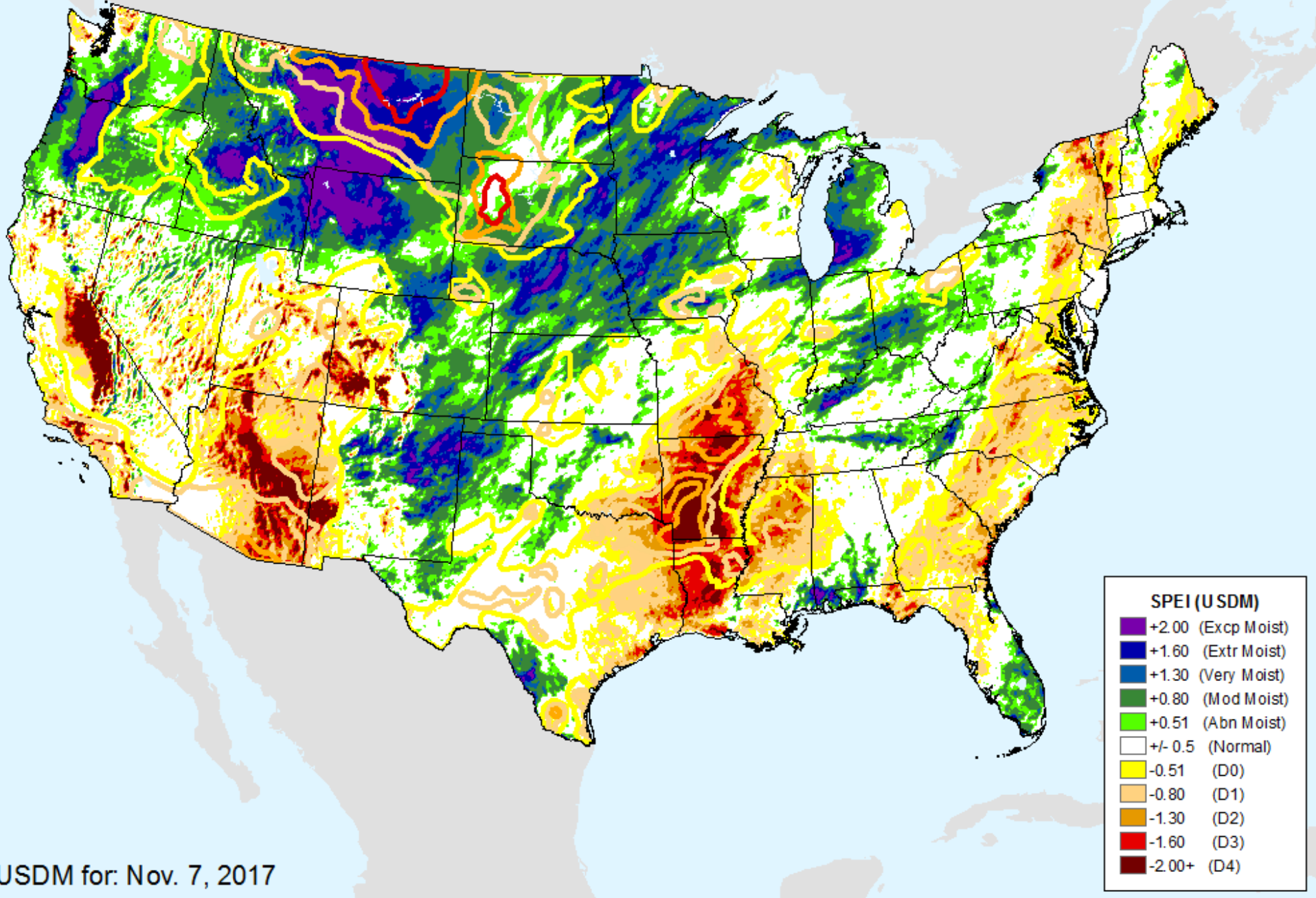
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 2-month SPEI

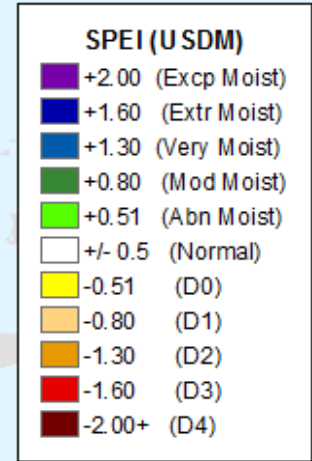
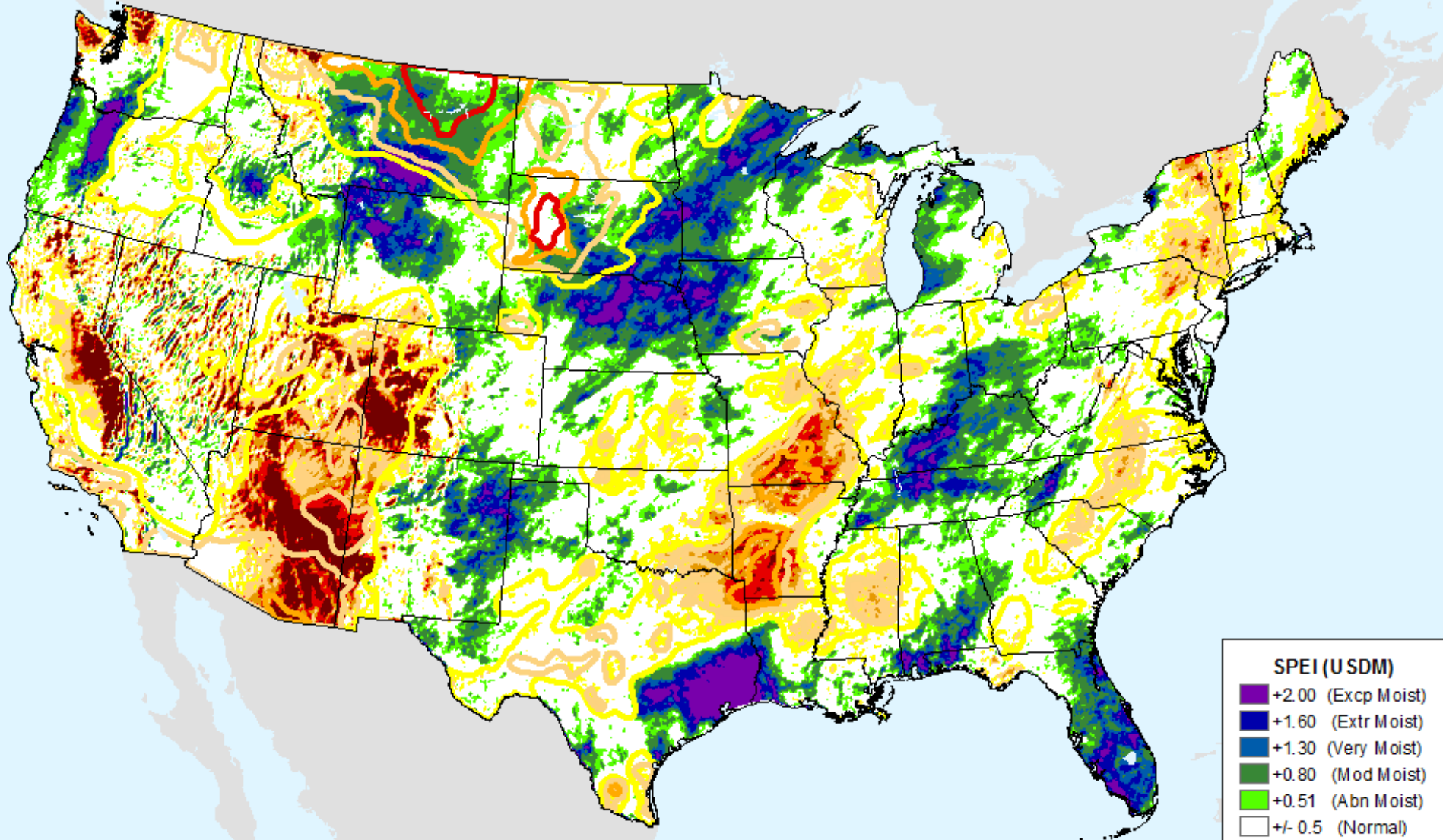
As of: Tuesday, November 14, 2017





# AHPS 3-month SPEI

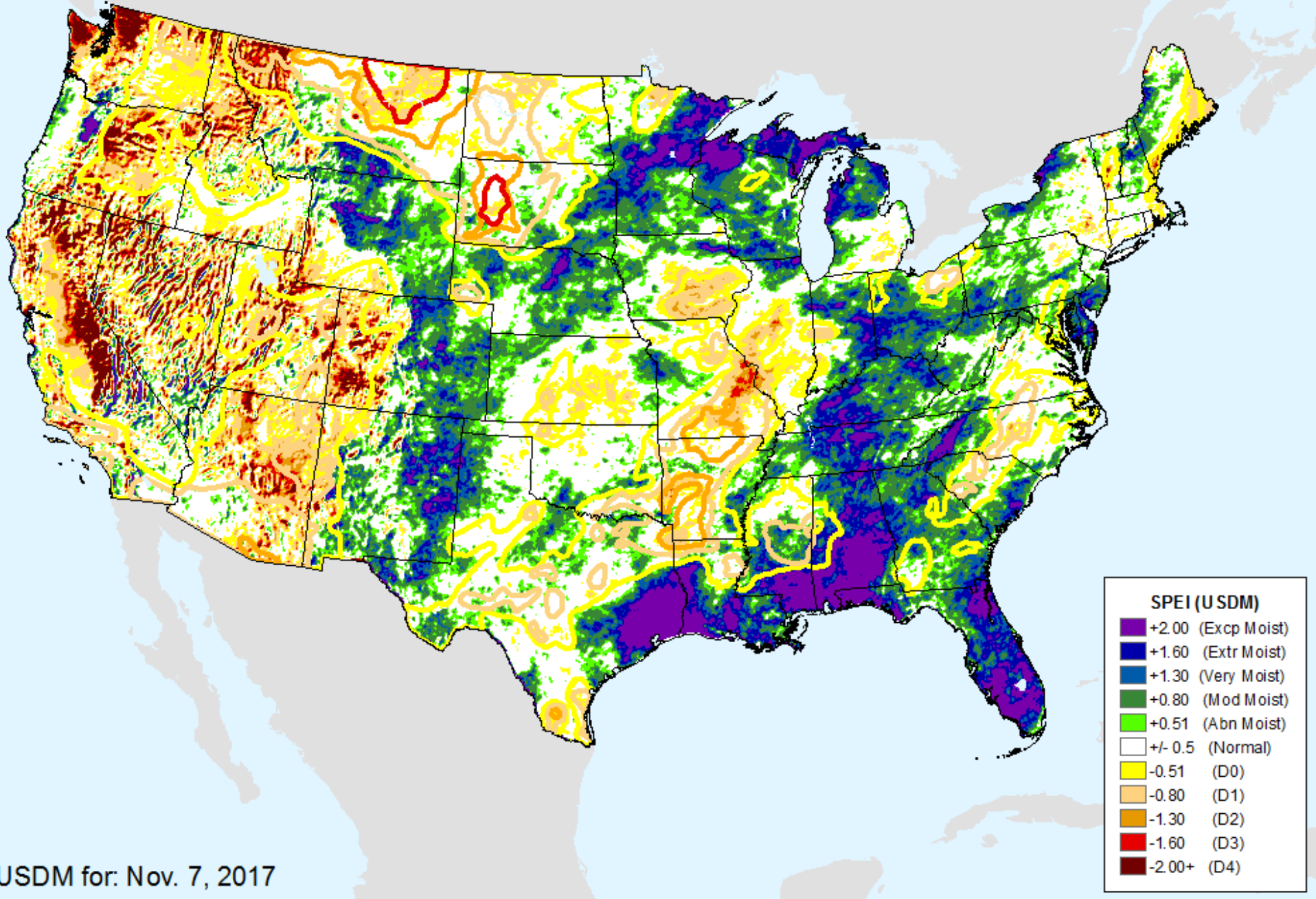
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 6-month SPEI

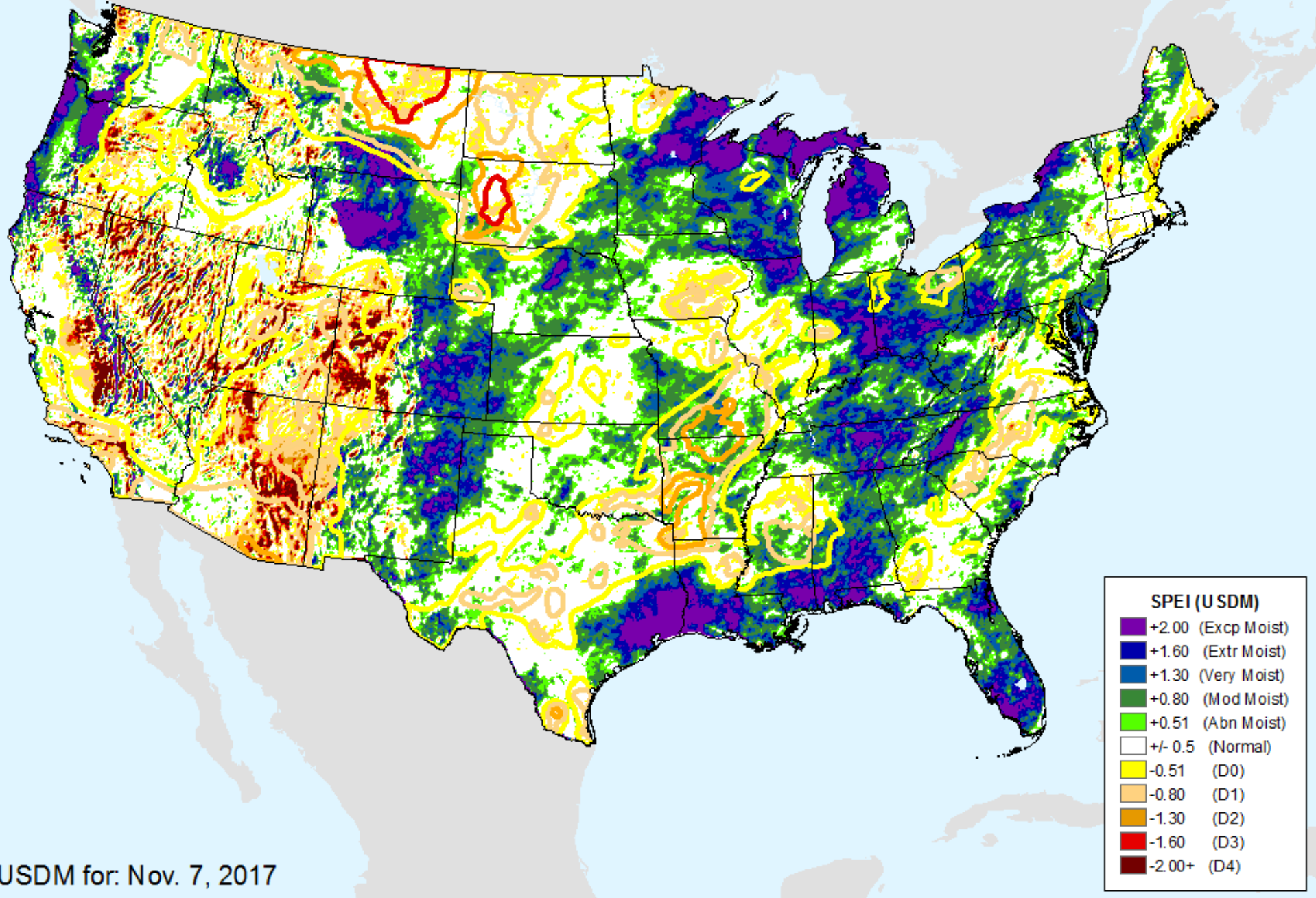
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 9-month SPEI

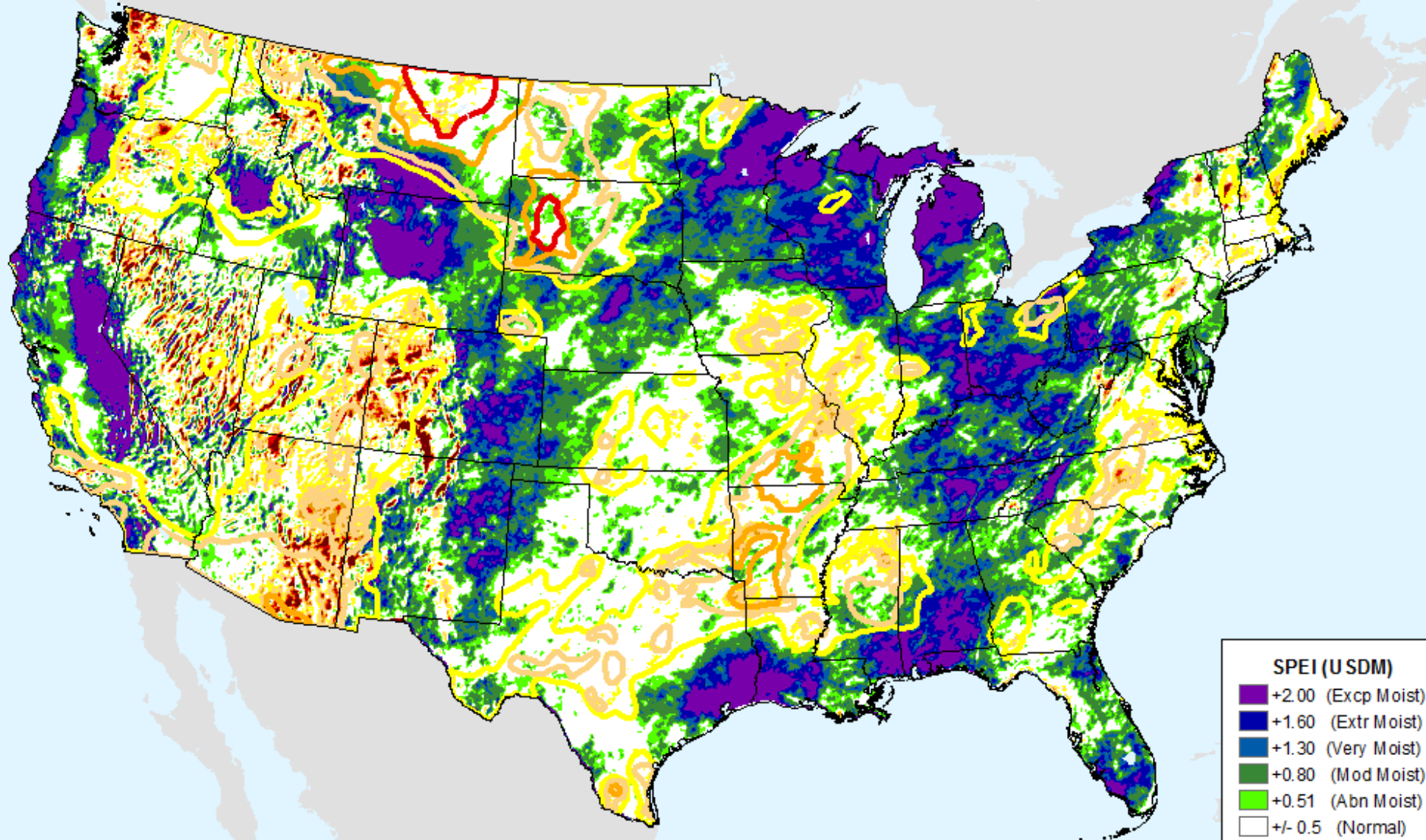
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 12-month SPEI

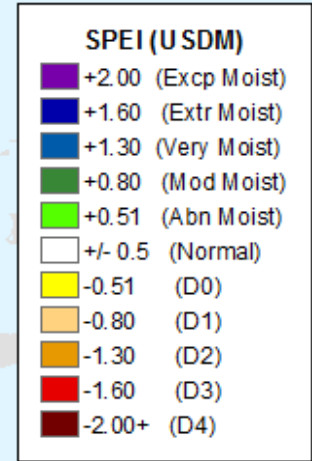
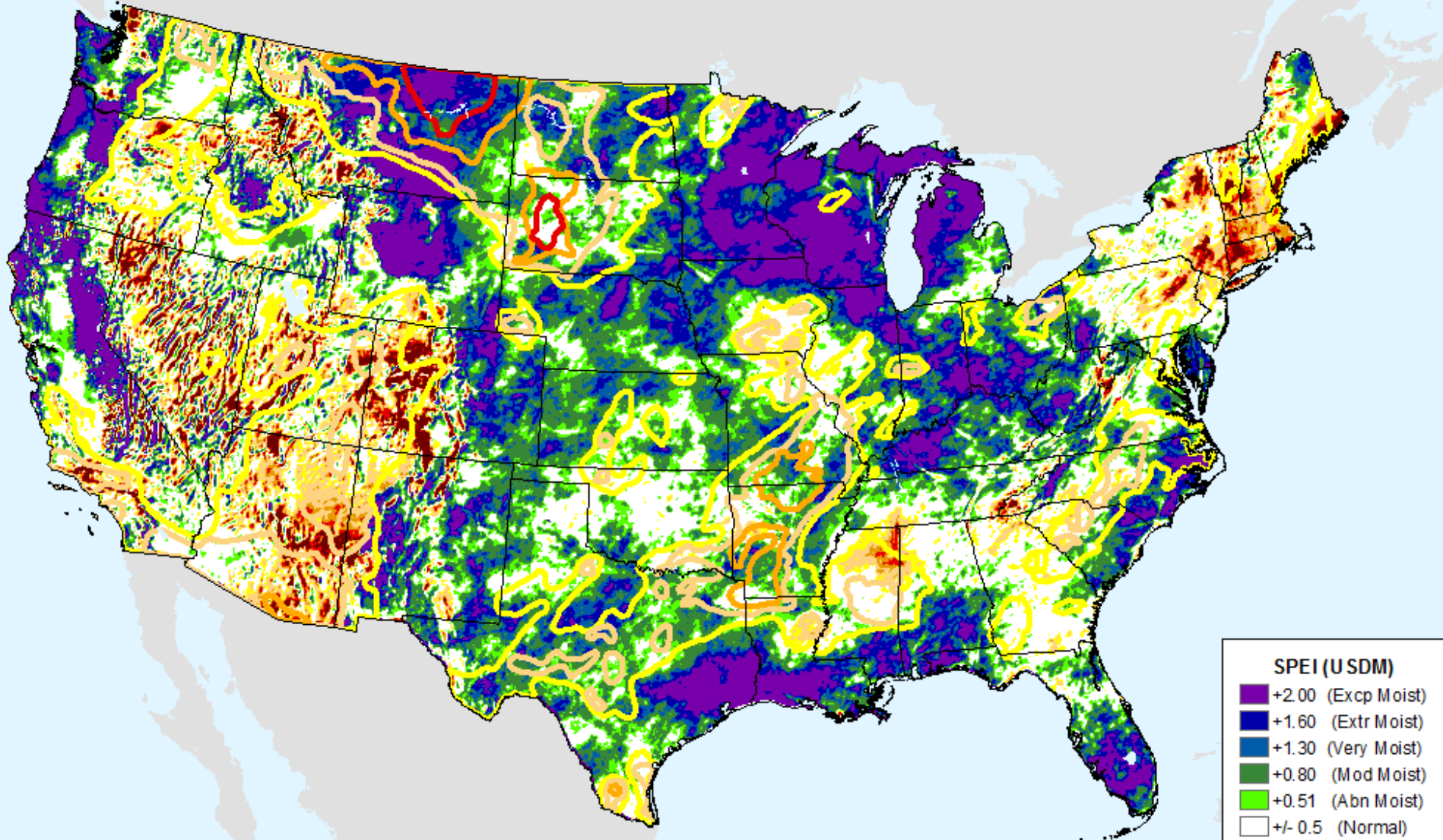
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 24-month SPEI

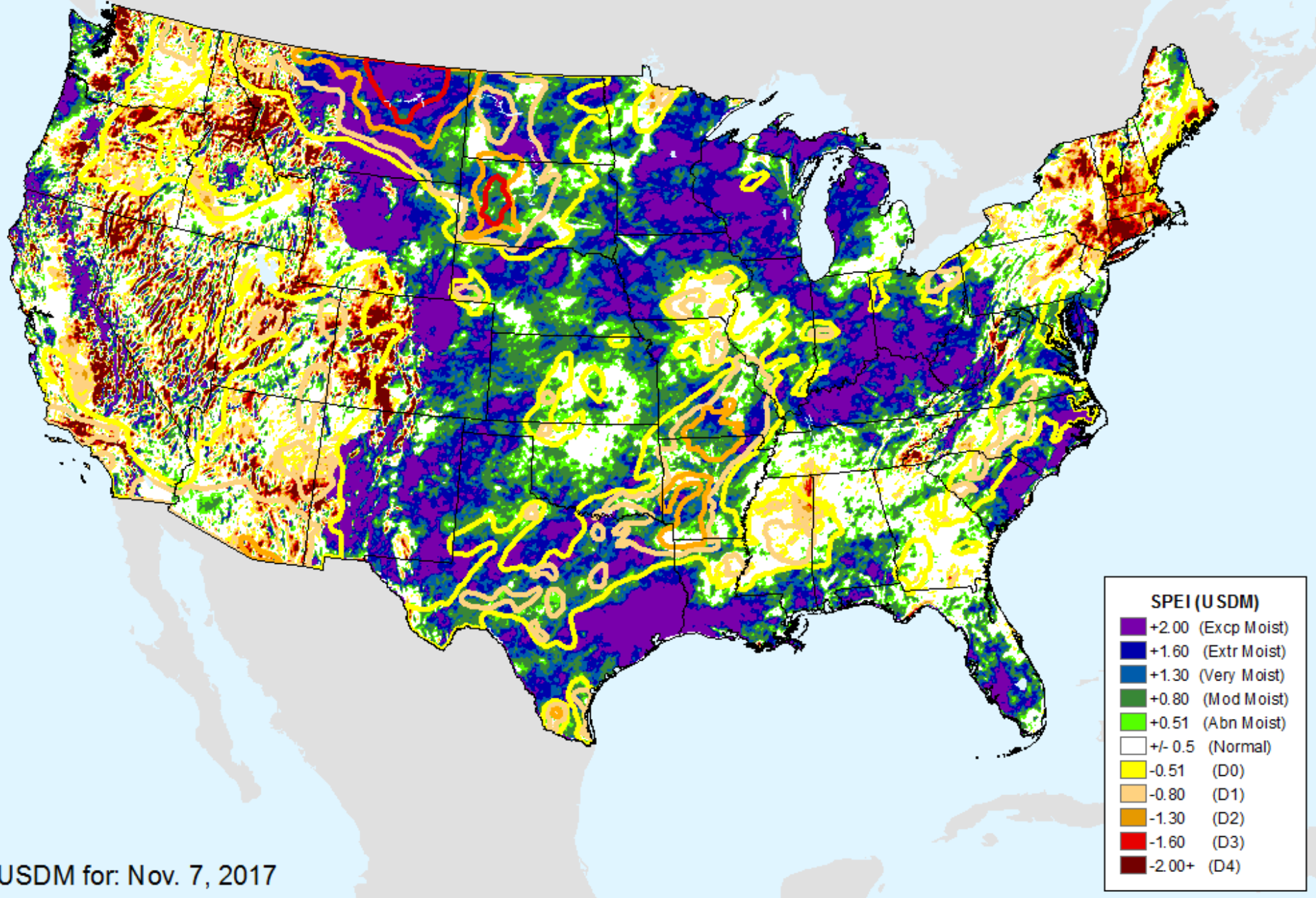
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# AHPS 36-month SPEI

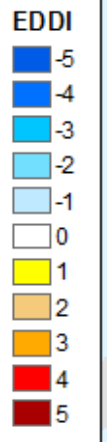
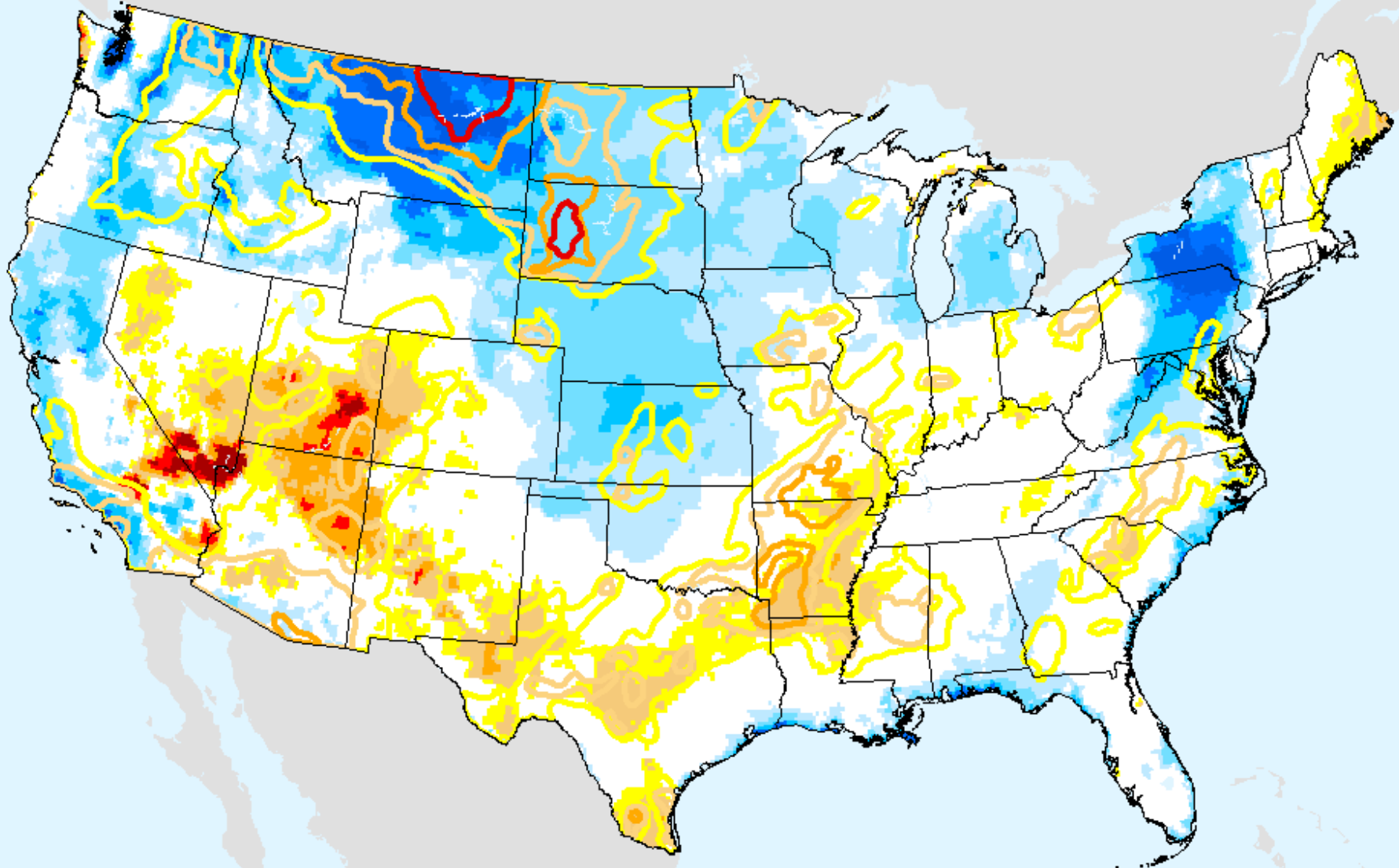
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# EDDI 1-week

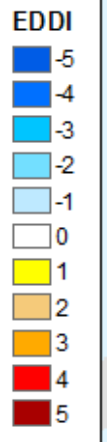
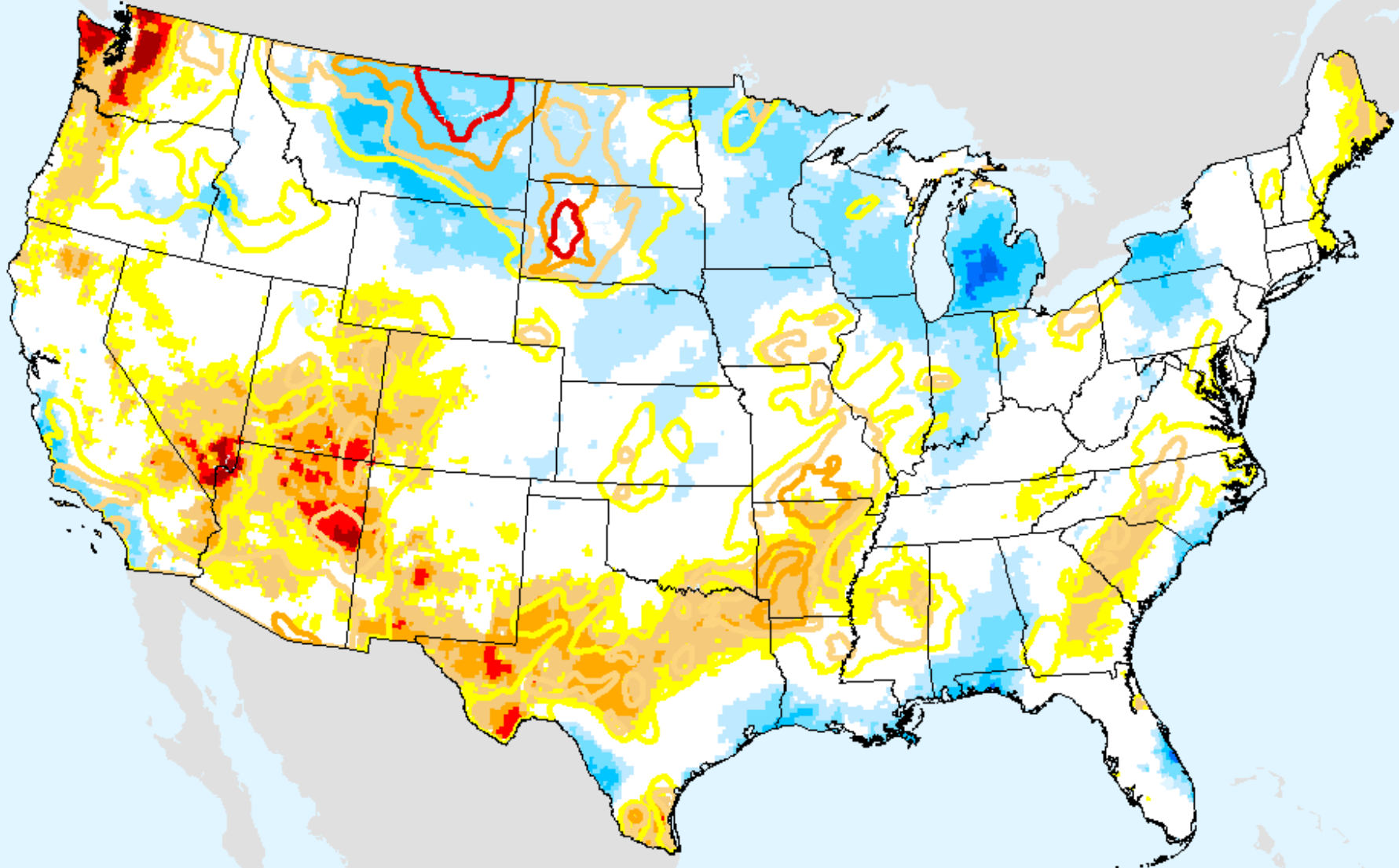
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# EDDI 2-week

As of: Tuesday, November 14, 2017

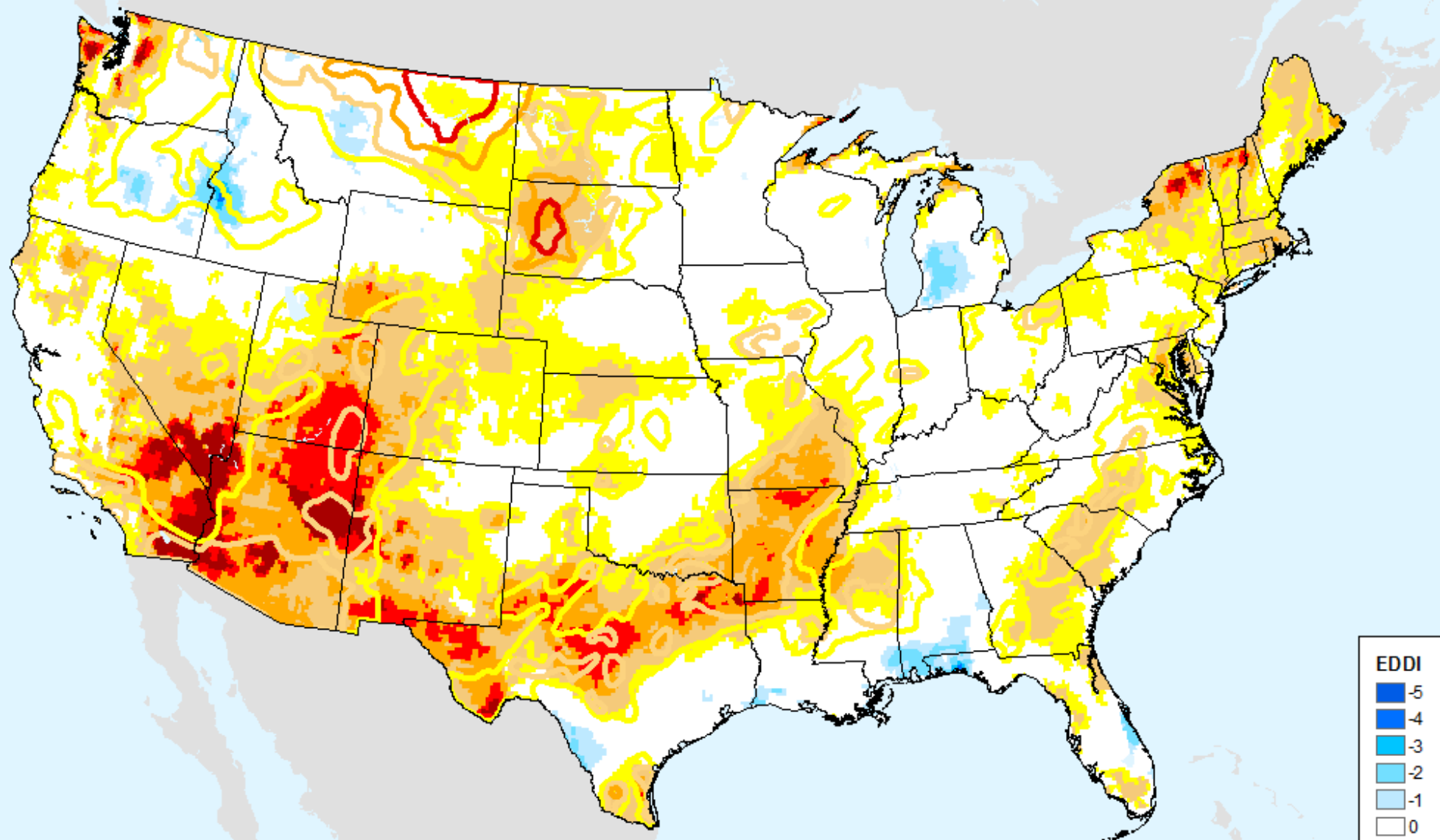


USDM for: Nov. 7, 2017



# EDDI 3-week

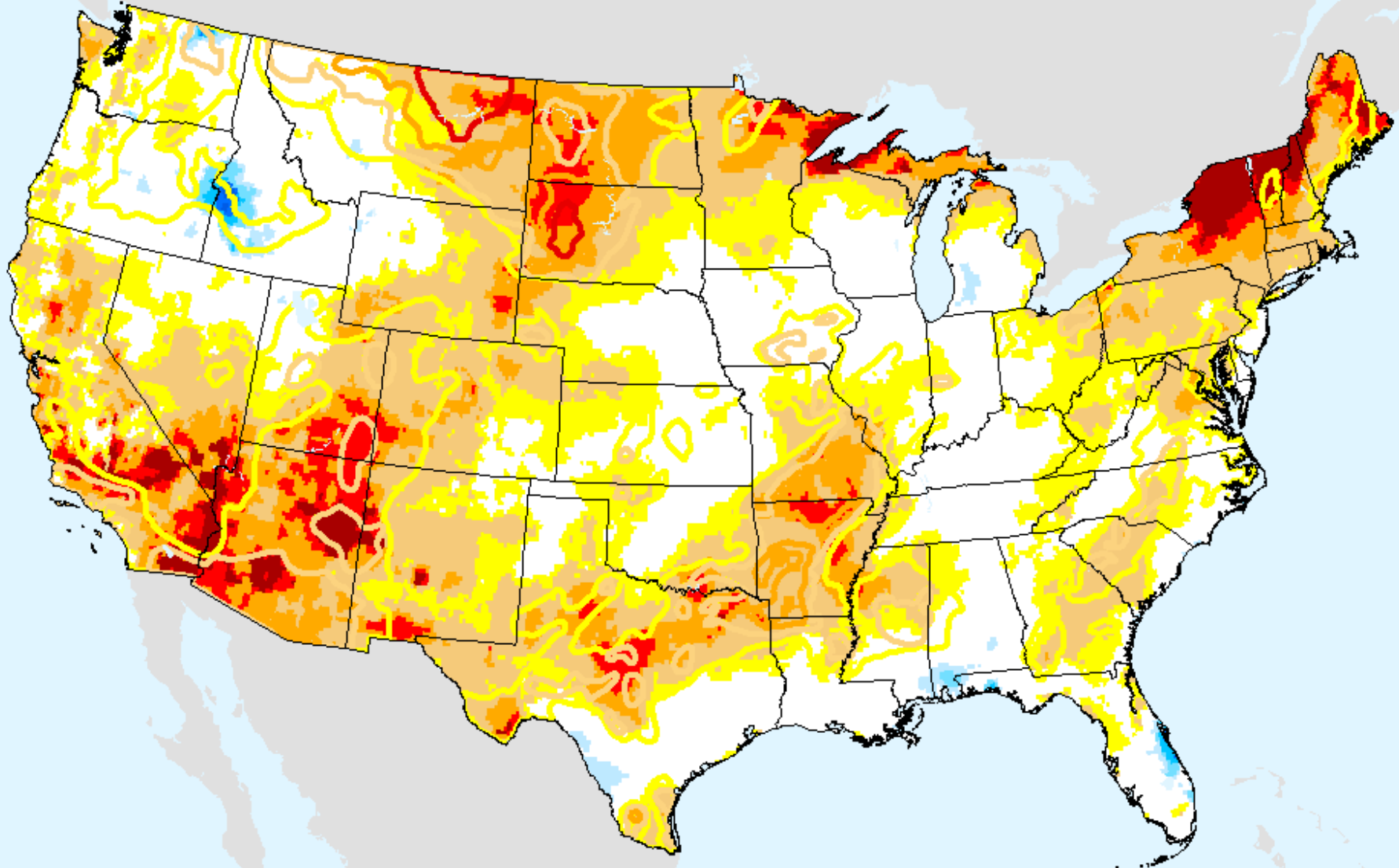
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# EDDI 4-week

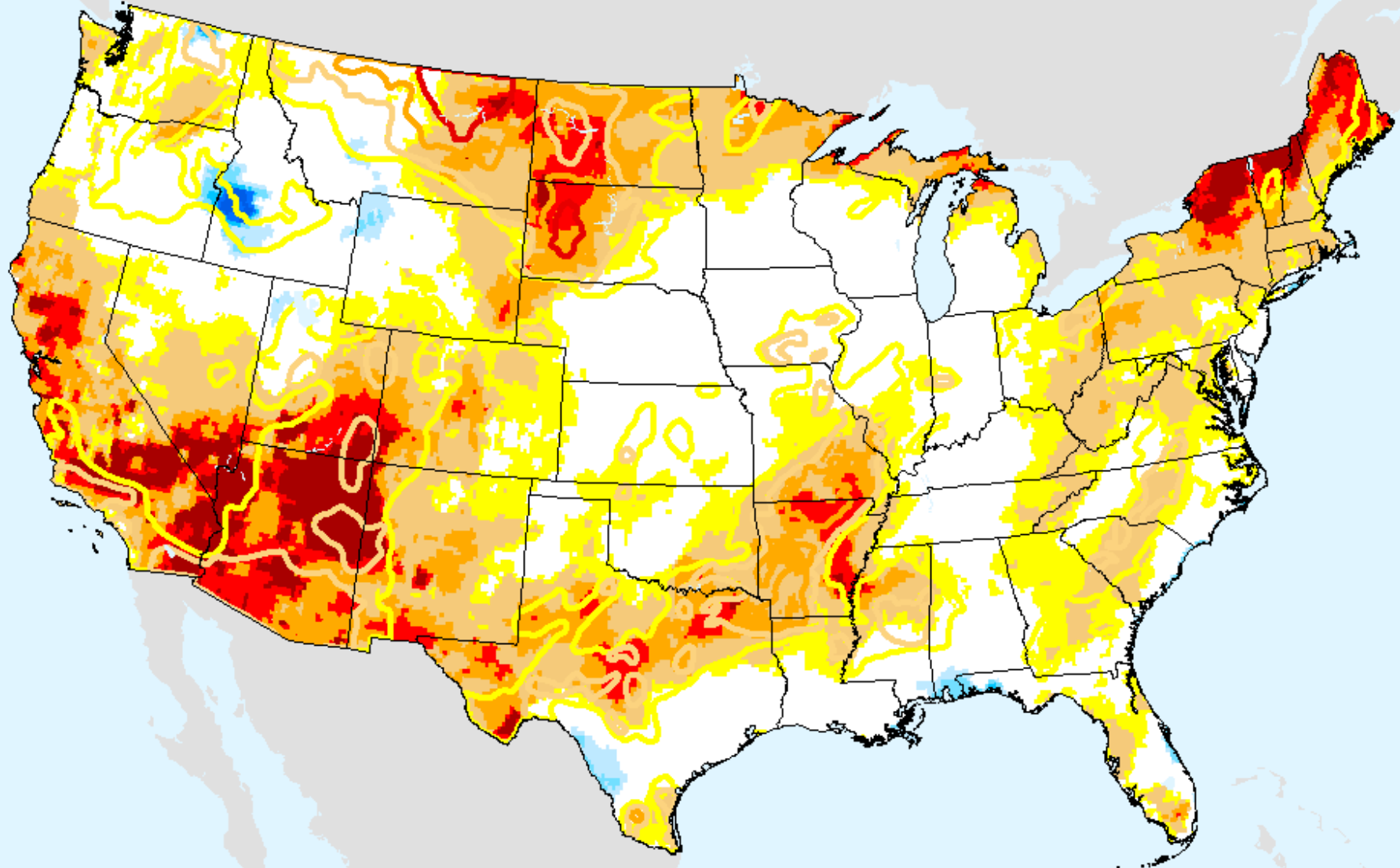
As of: Tuesday, November 14, 2017



USDM for: Nov. 7, 2017

# EDDI 5-week

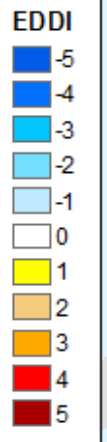
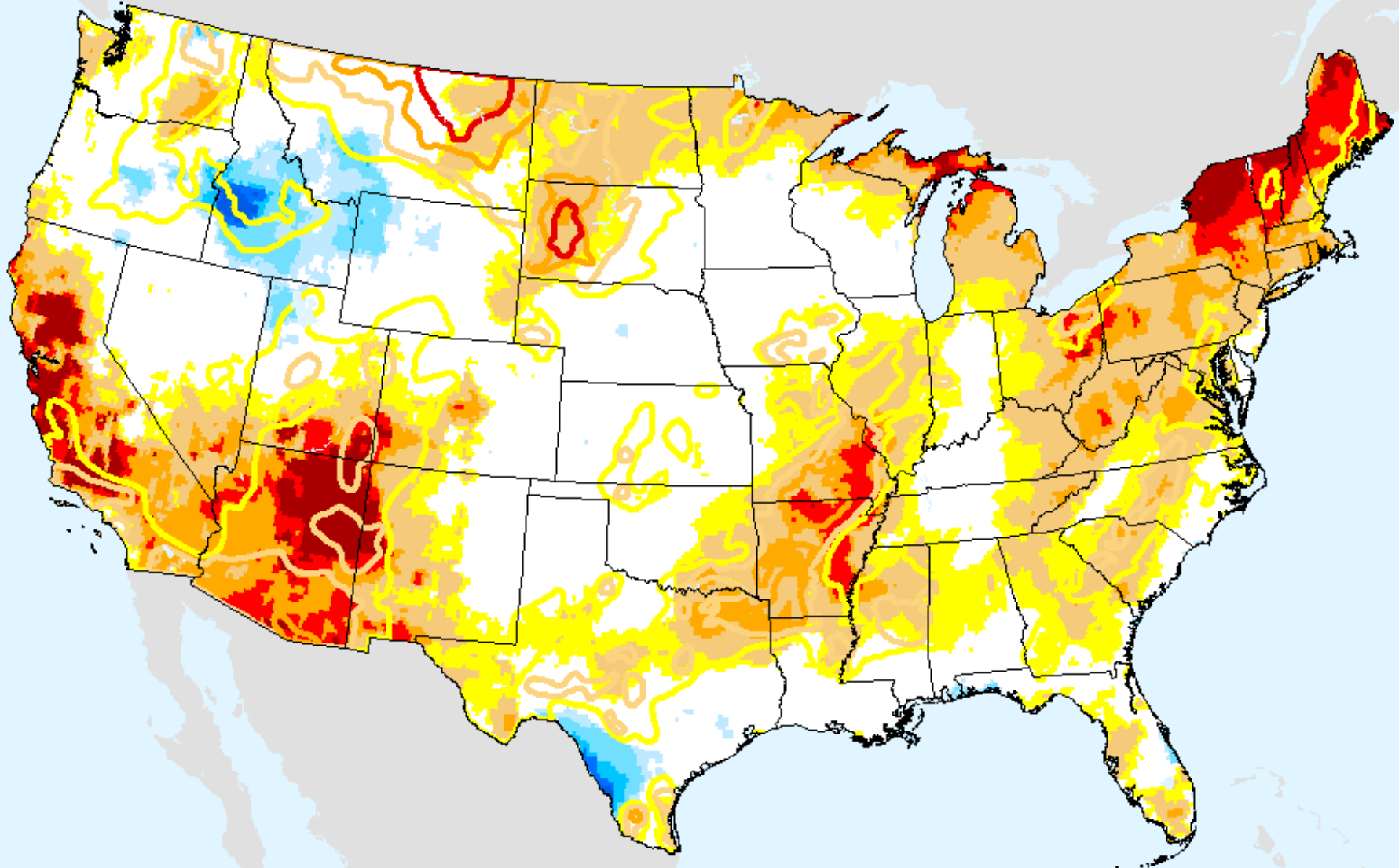
As of: Tuesday, November 14, 2017



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# EDDI 6-week

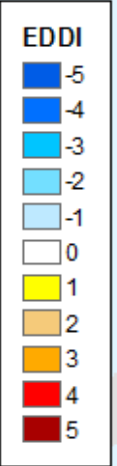
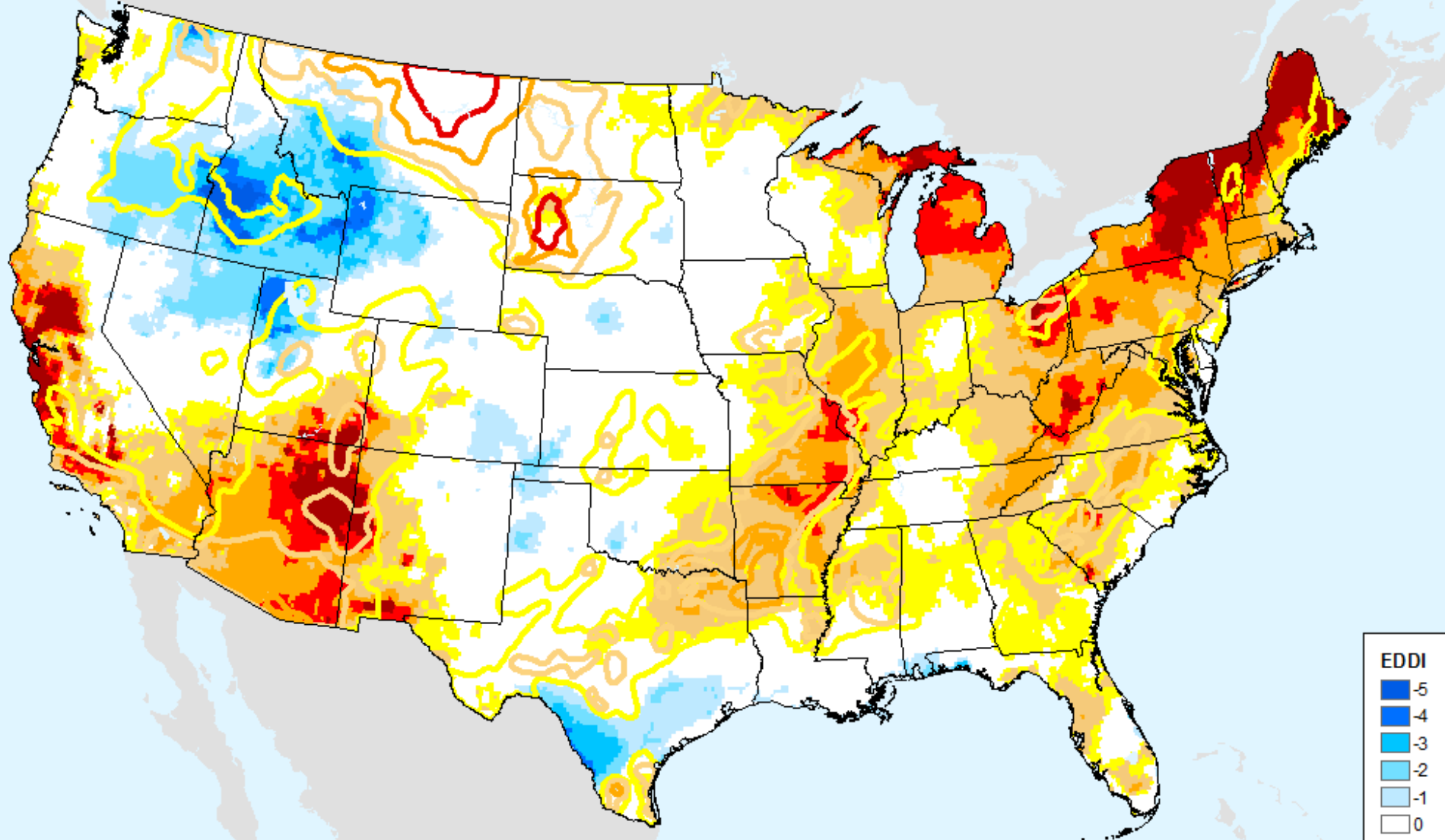
As of: Tuesday, November 14, 2017



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# EDDI 7-week

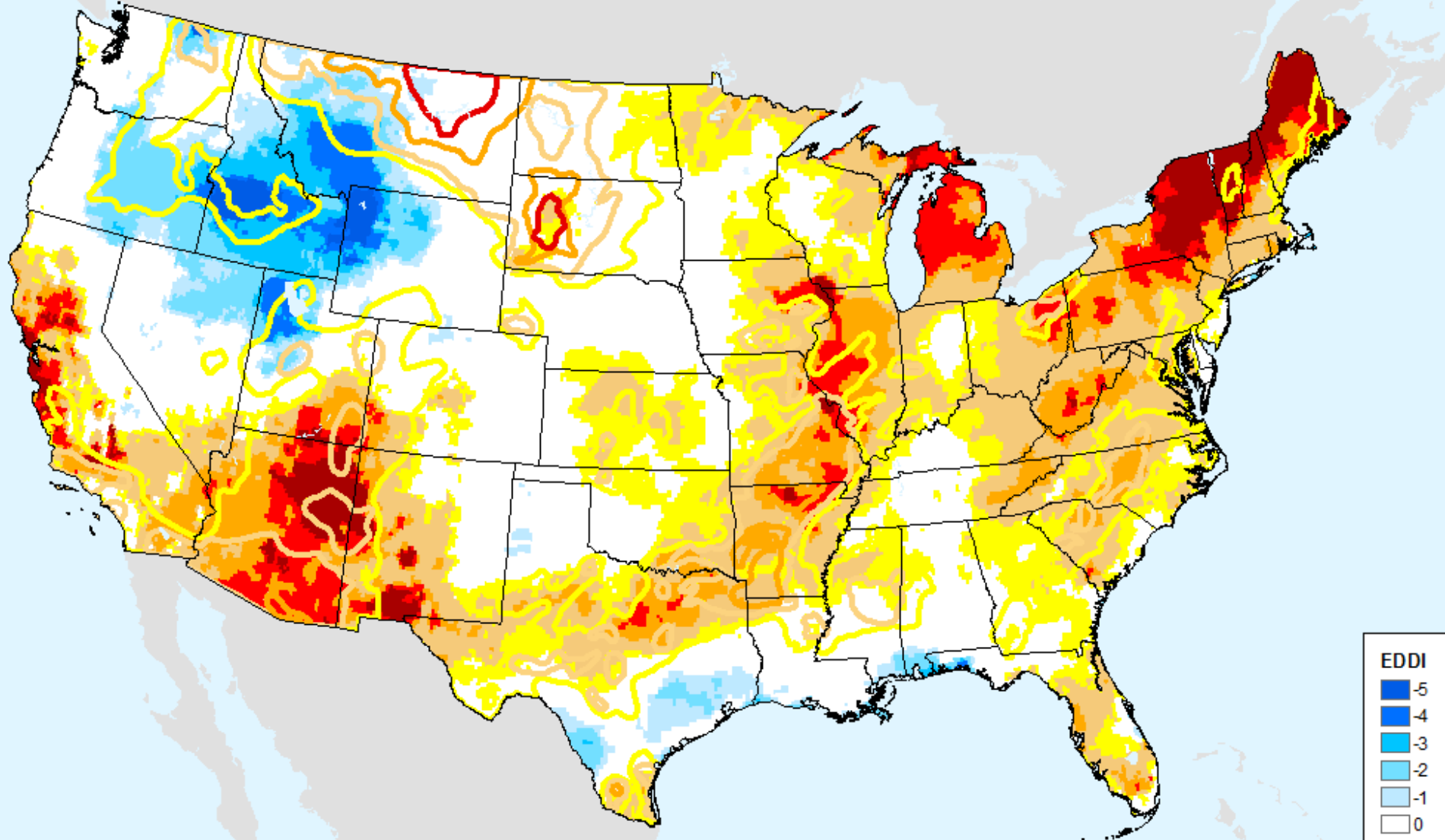
As of: Tuesday, November 14, 2017



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# EDDI 8-week

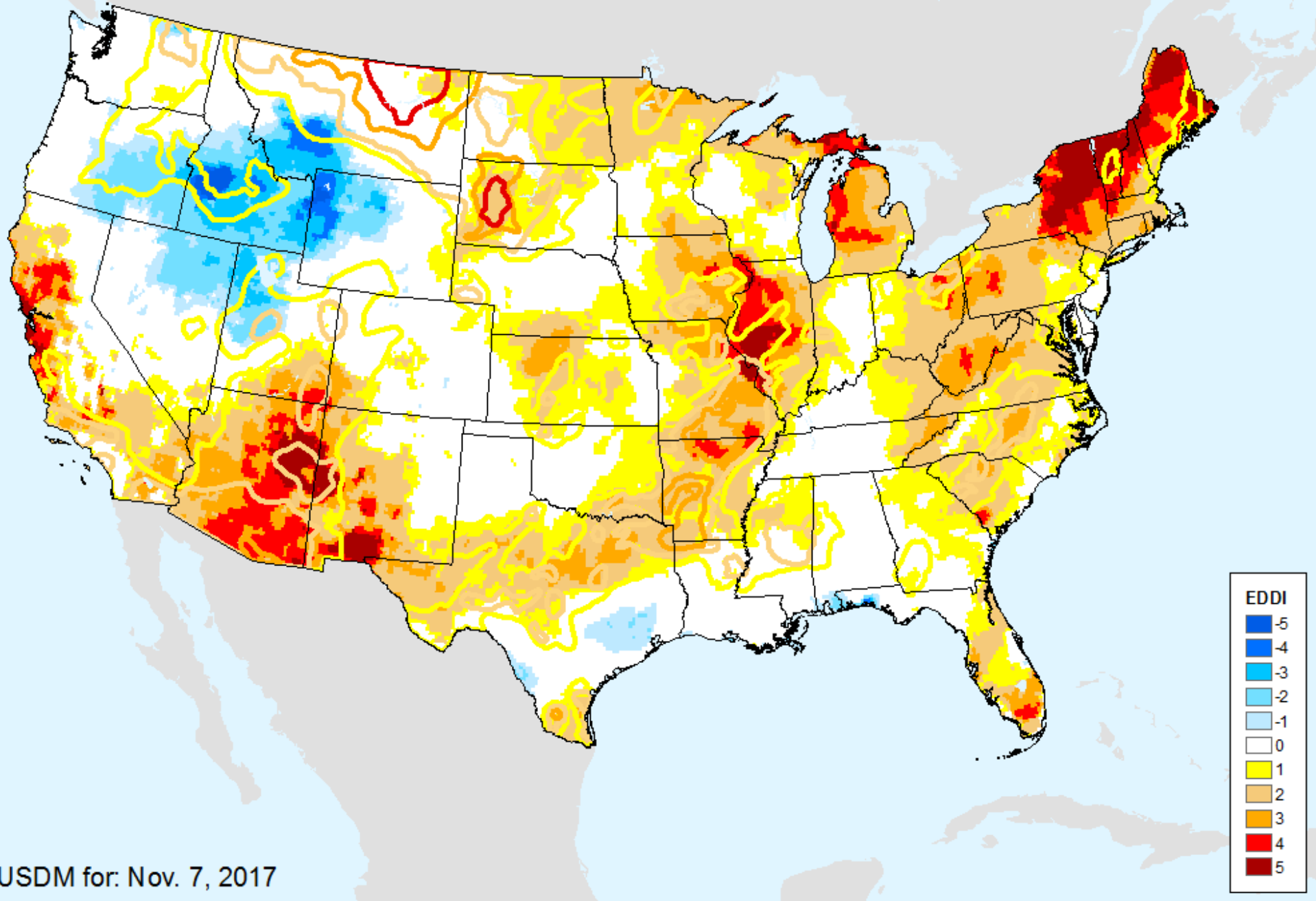
As of: Tuesday, November 14, 2017



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# EDDI 9-week

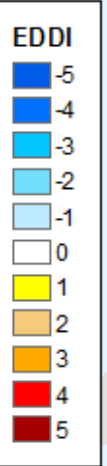
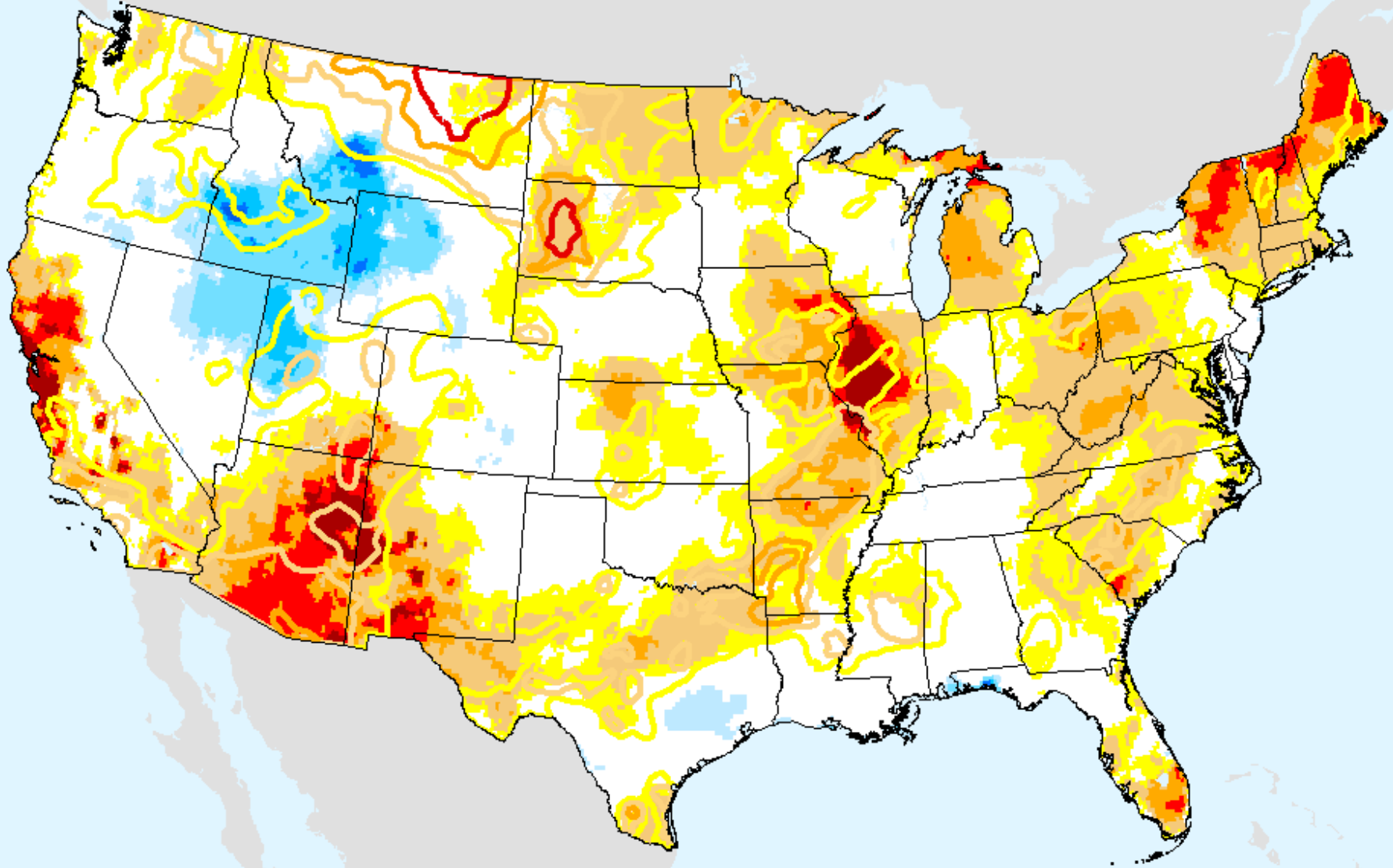
As of: Tuesday, November 14, 2017



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# EDDI 10-week

As of: Tuesday, November 14, 2017

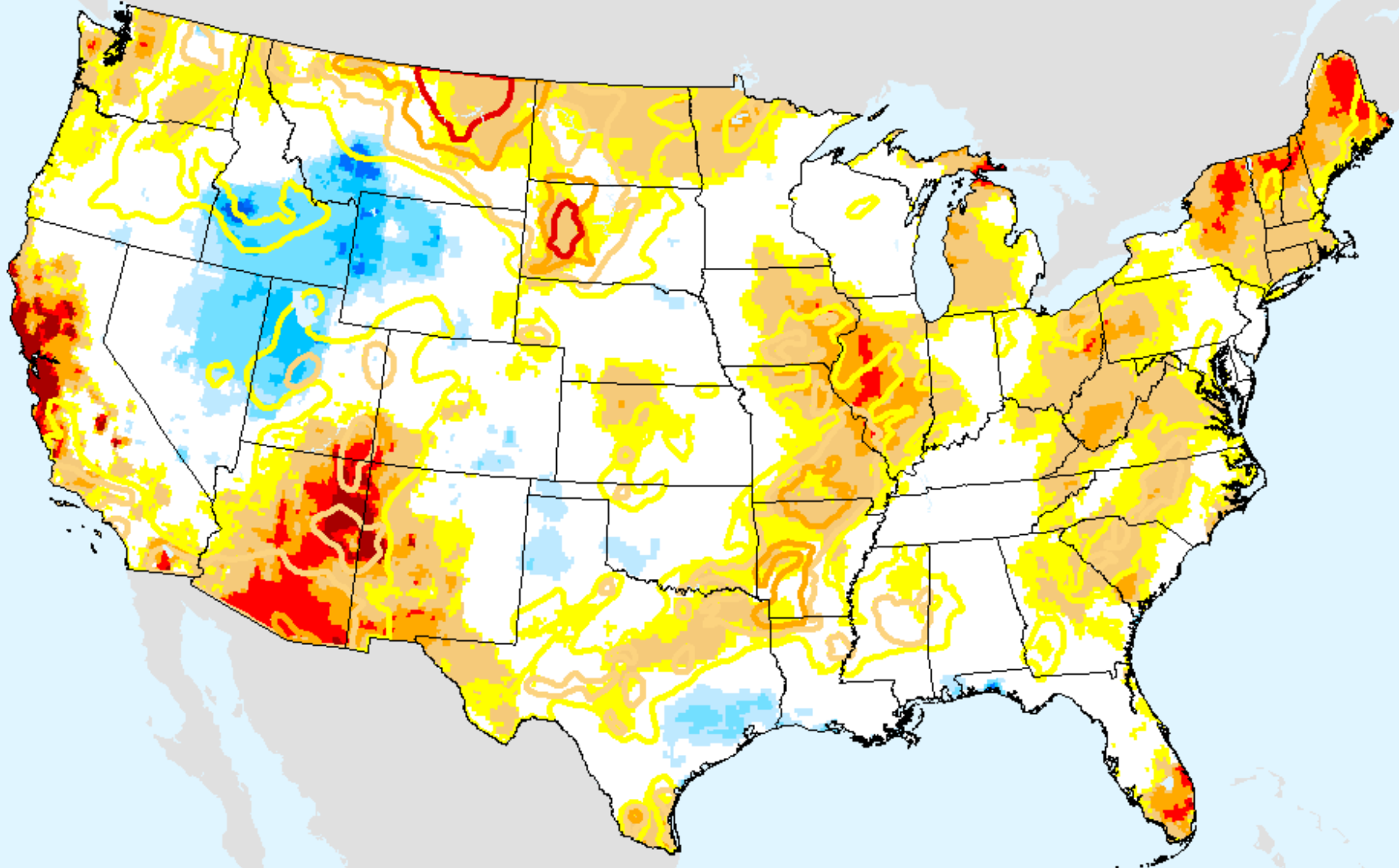


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# EDDI 11-week

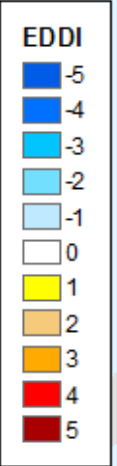
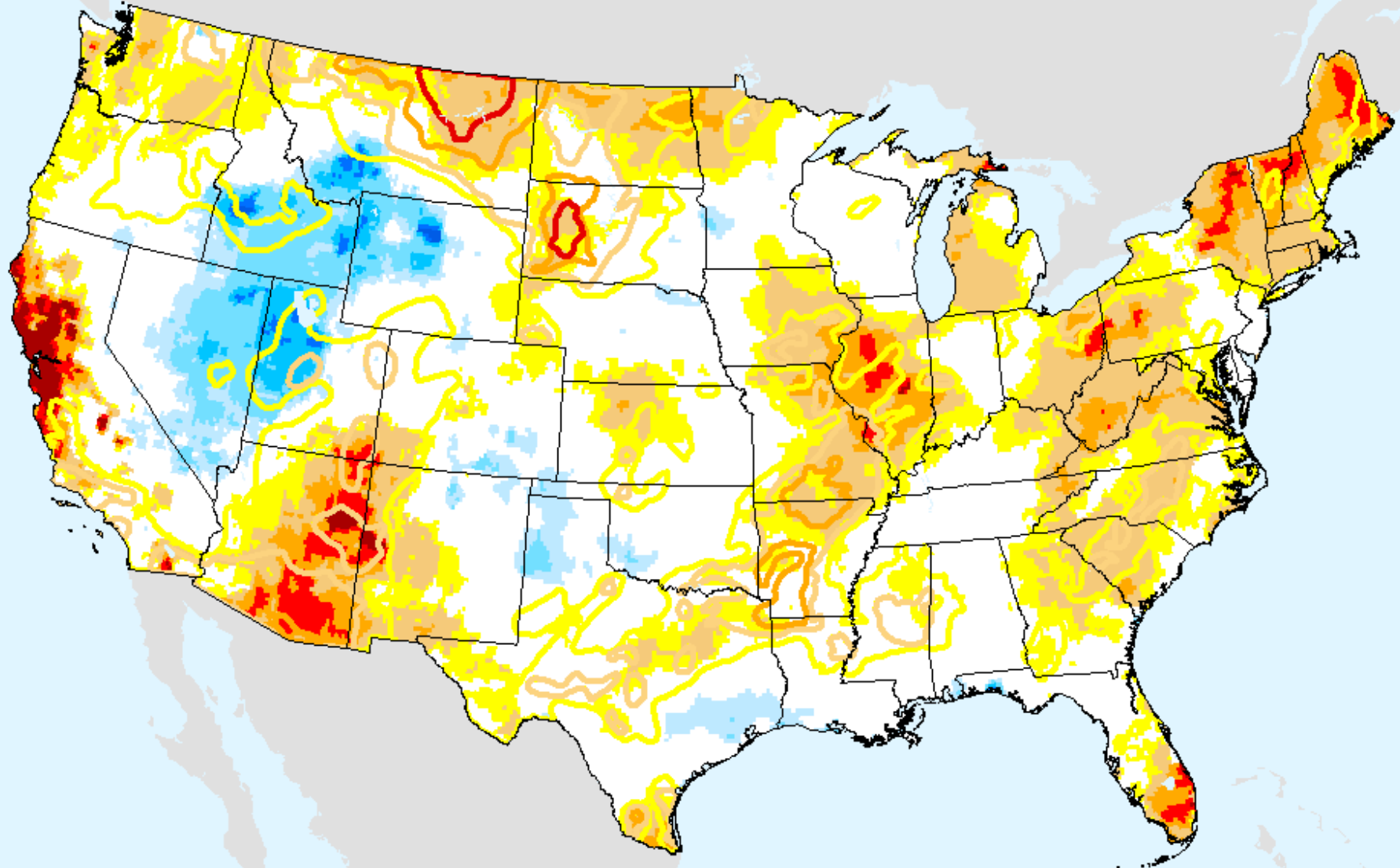
As of: Tuesday, November 14, 2017



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# EDDI 12-week

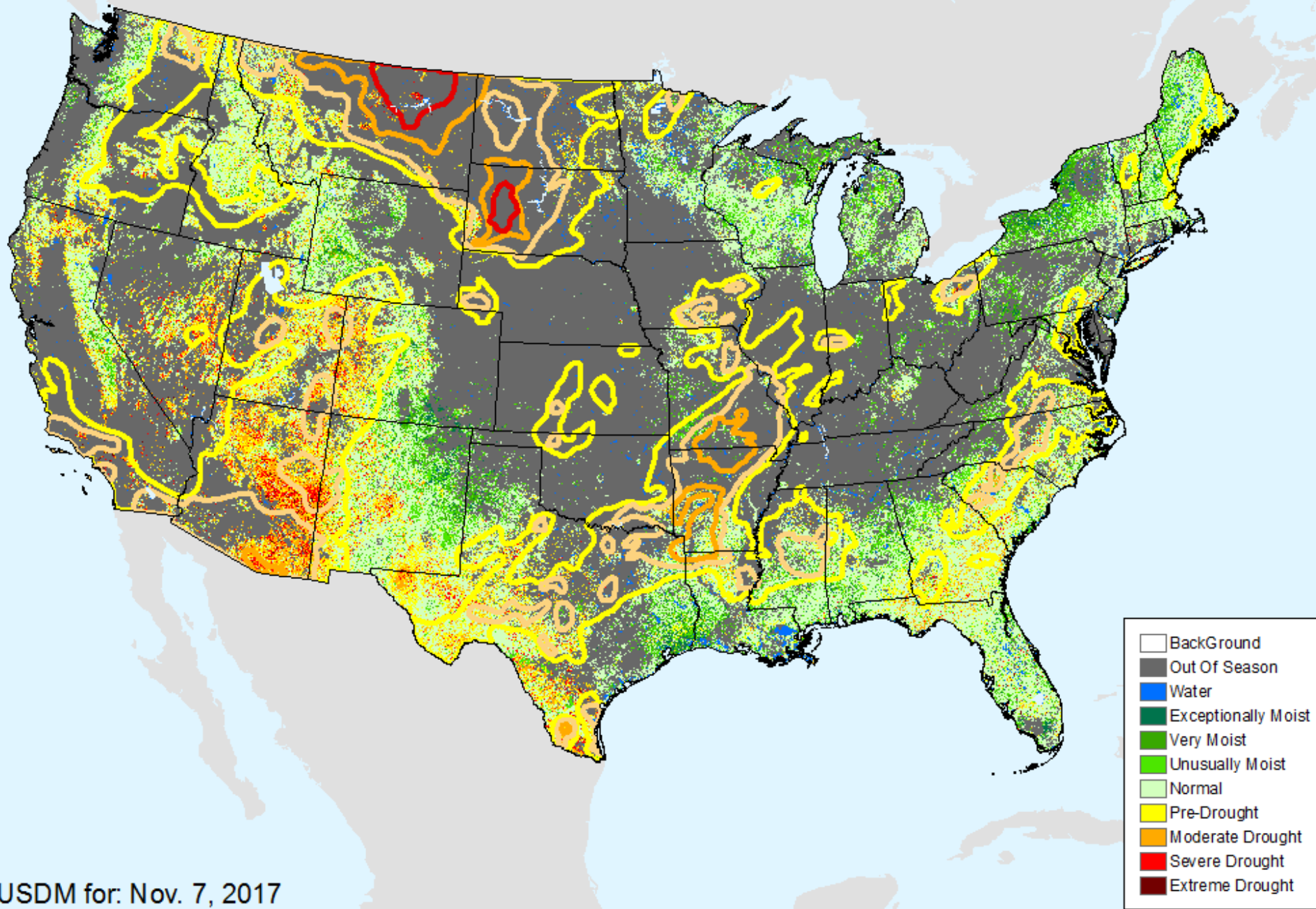
As of: Tuesday, November 14, 2017



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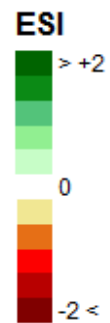
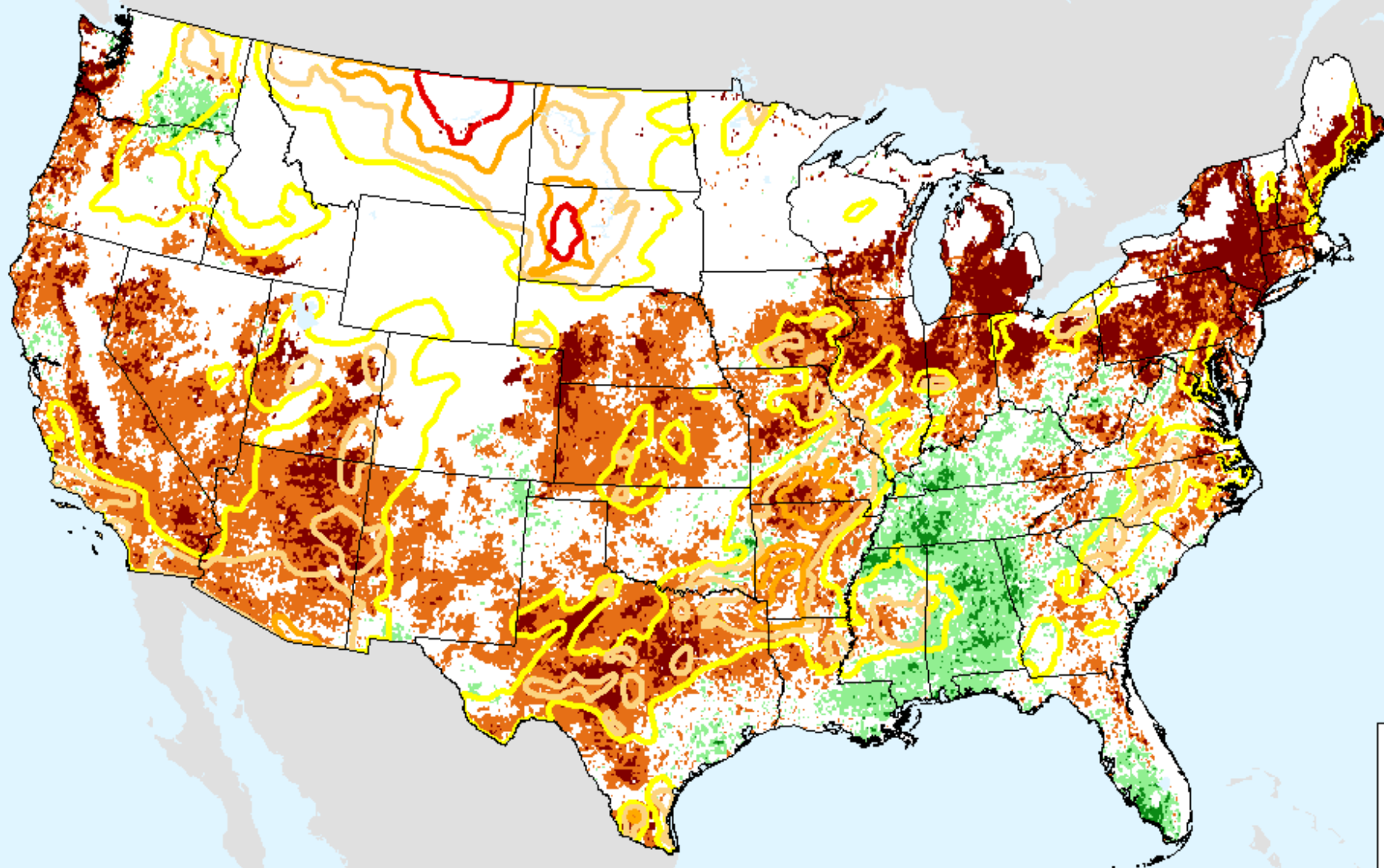
# Vegetation Drought Response Index (VegDRI)

As of: Tuesday, November 14, 2017



# Evaporative Stress Index (ESI) 4-week

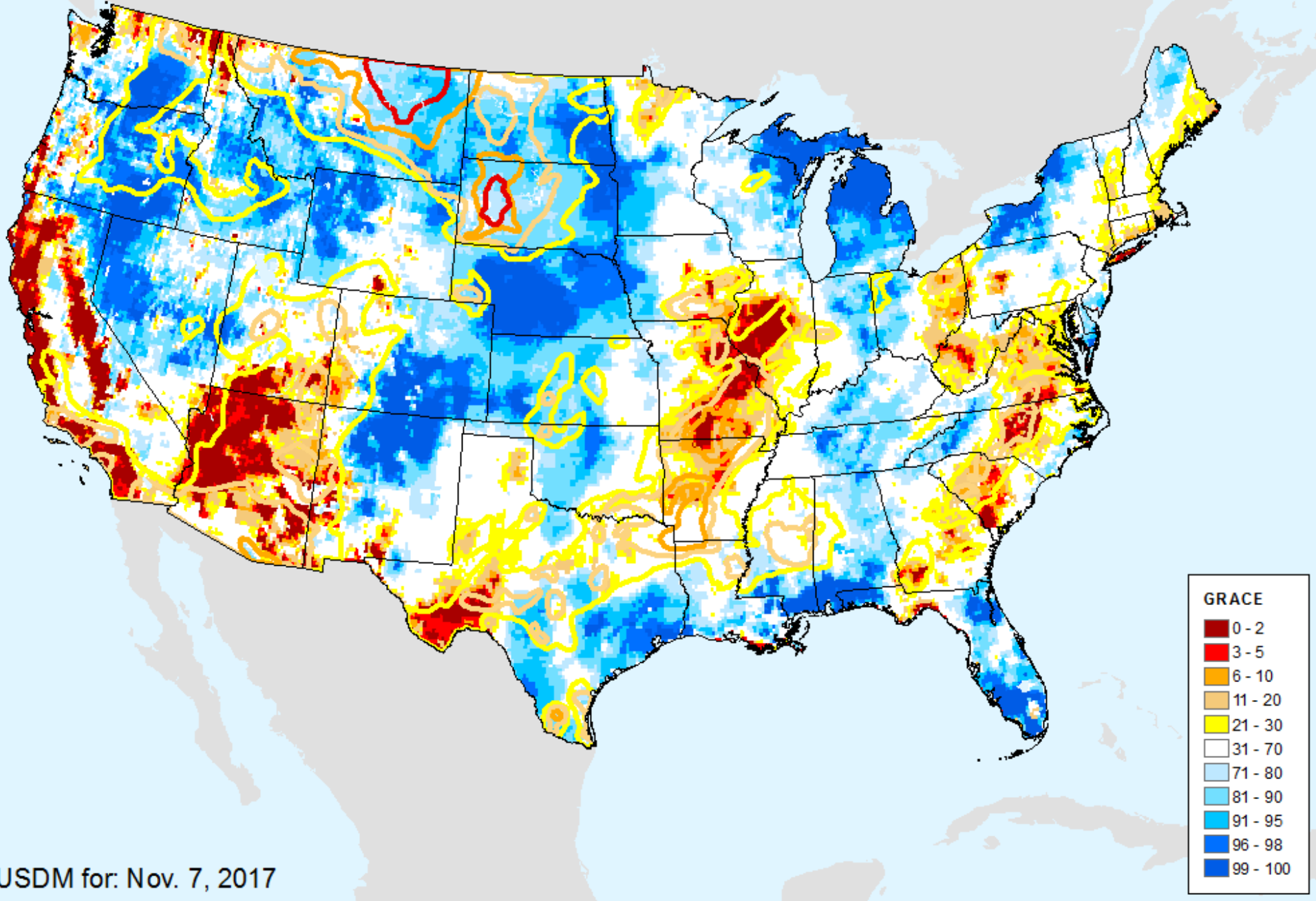
As of: Tuesday, November 14, 2017



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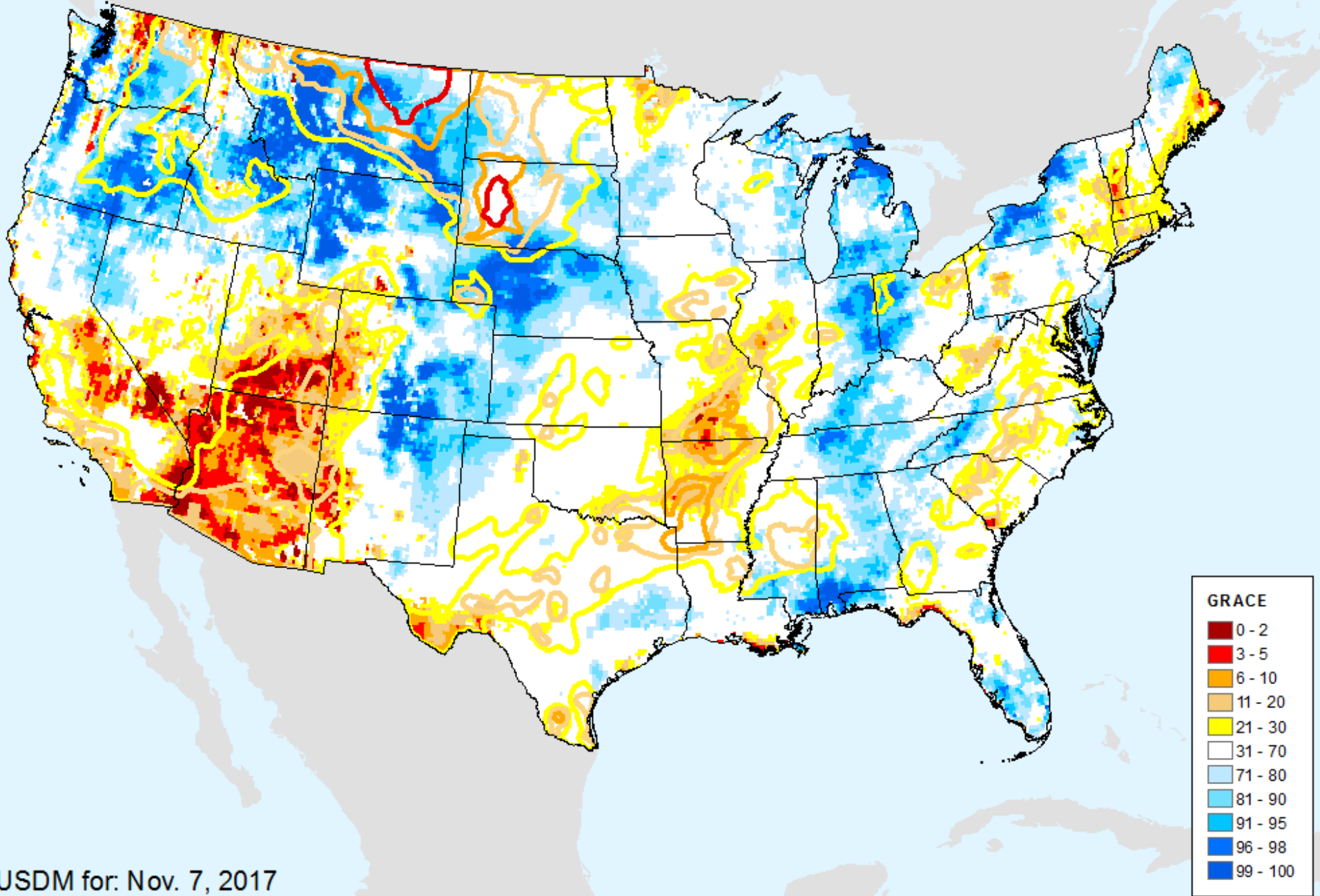
# GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, November 14, 2017



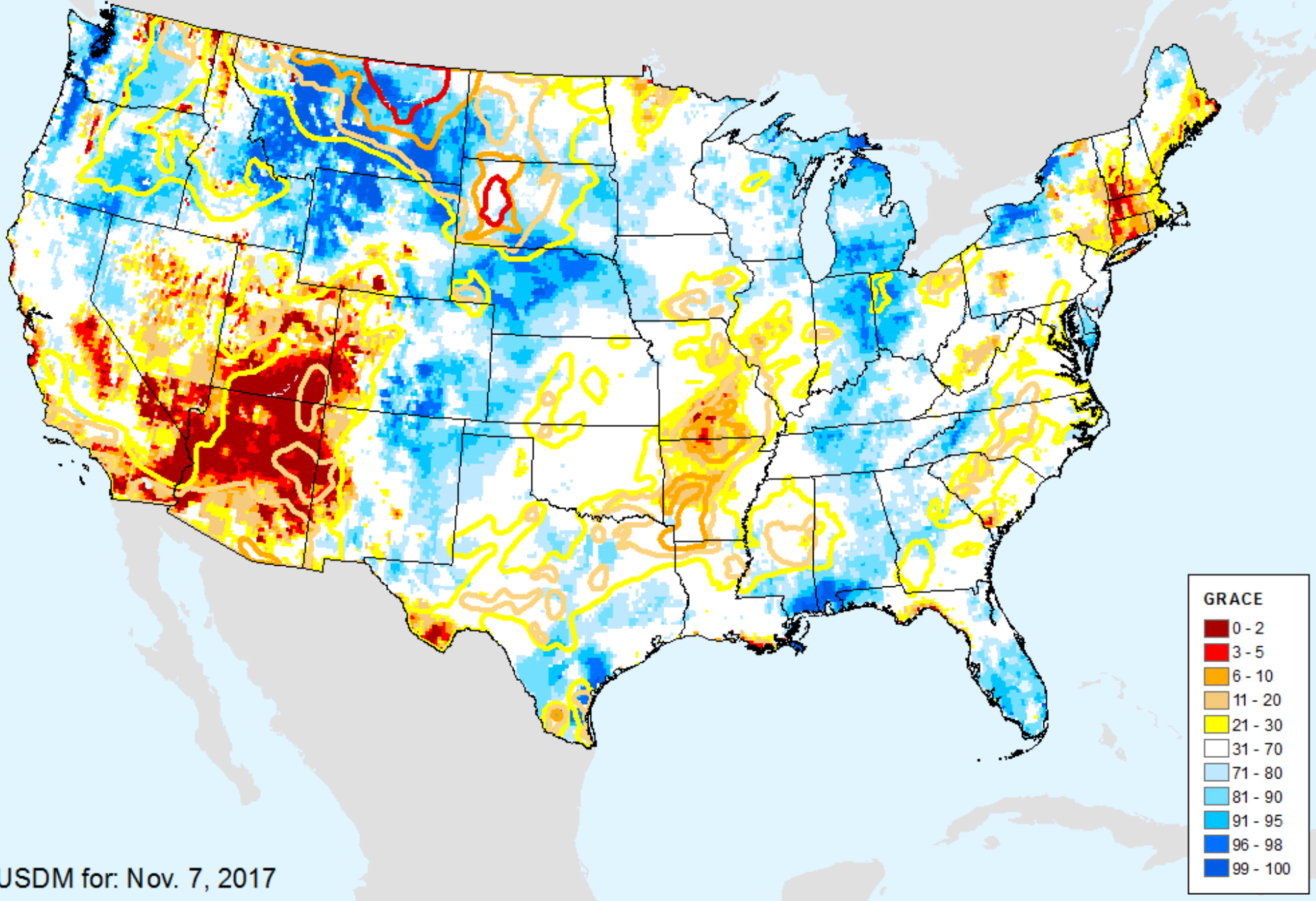
# GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, November 14, 2017



# GRACE-Based Surface Soil Moisture Drought Indicator

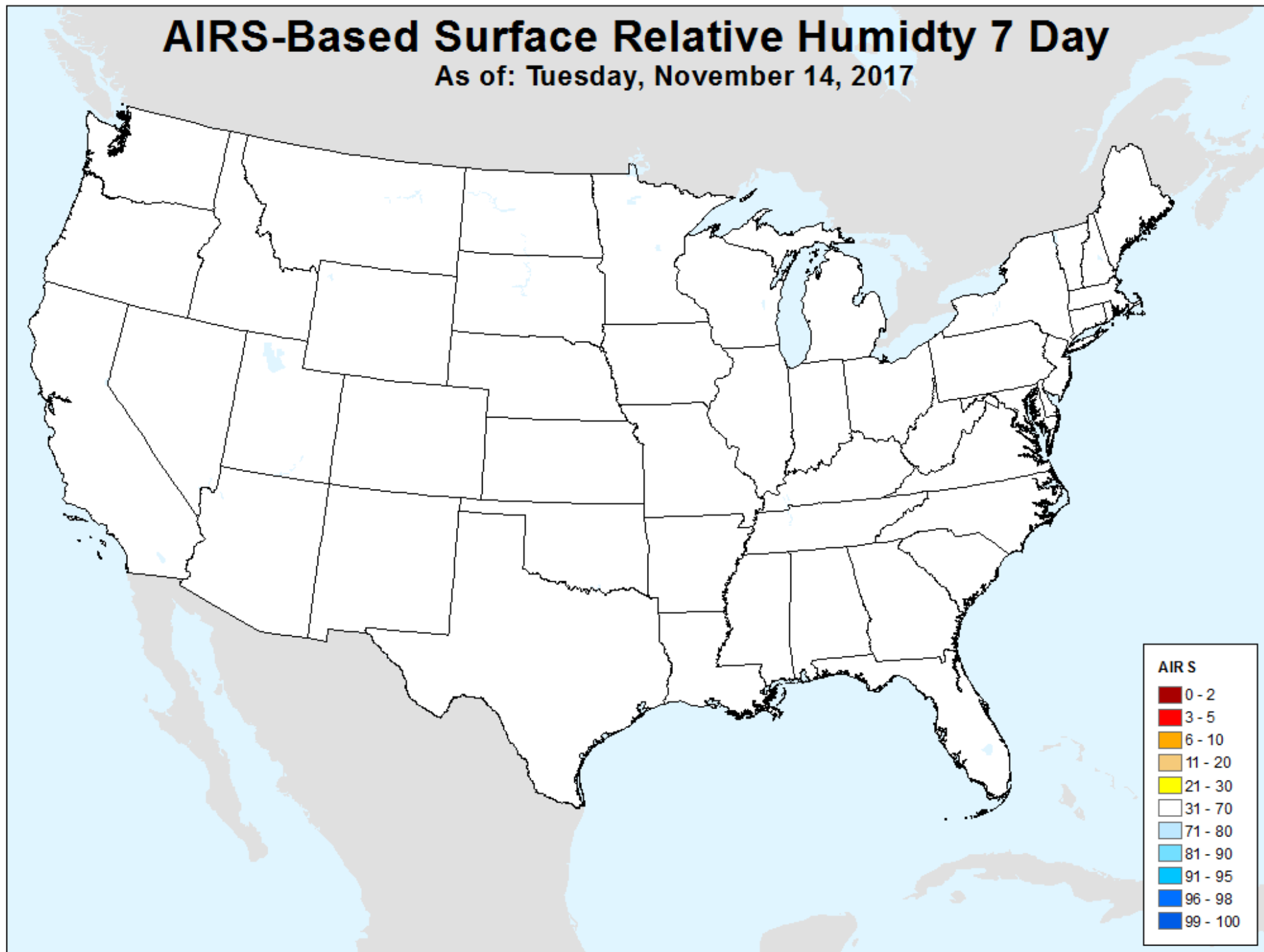
As of: Tuesday, November 14, 2017



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# AIRS-Based Surface Relative Humidity 7 Day

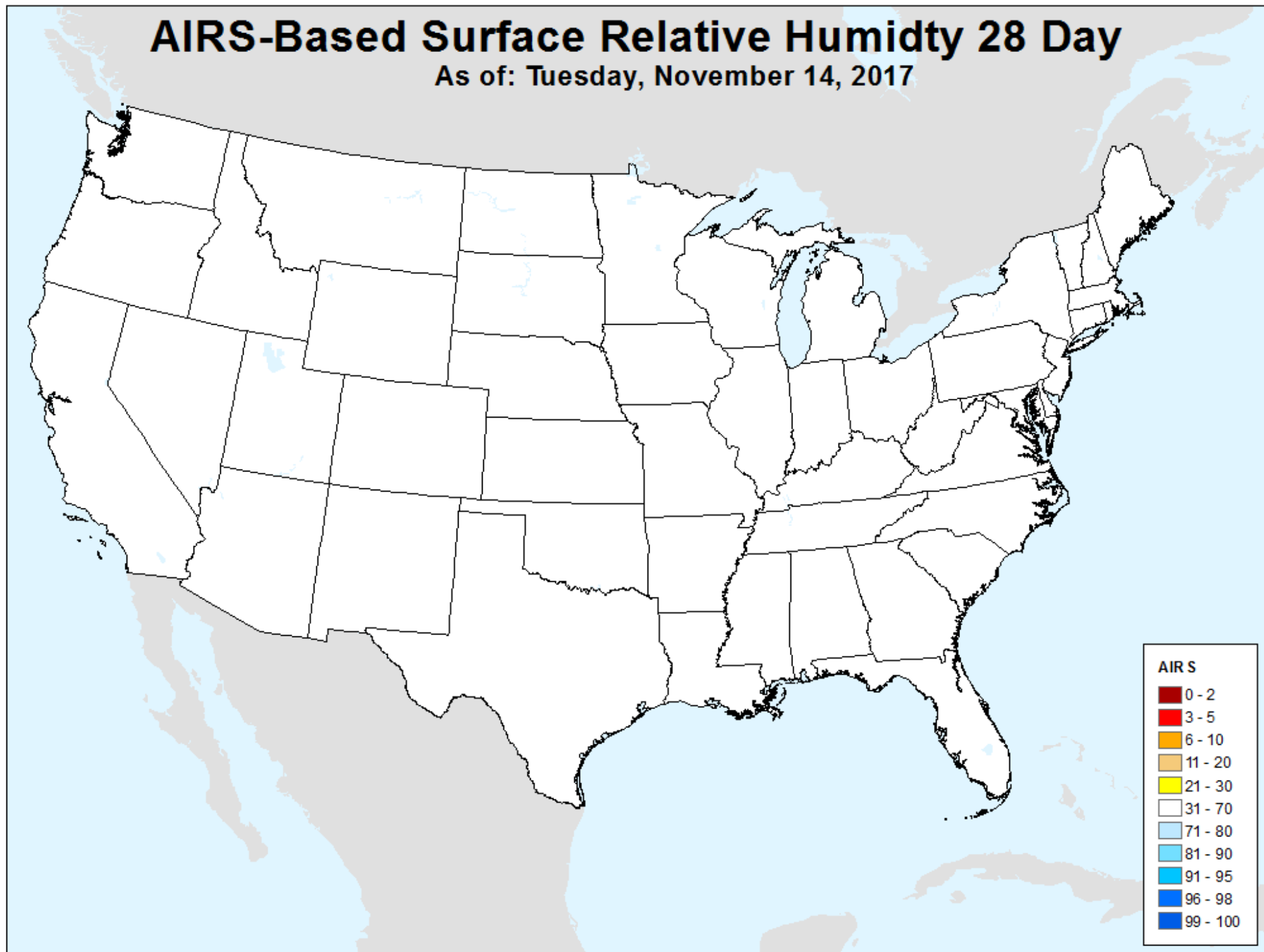
As of: Tuesday, November 14, 2017





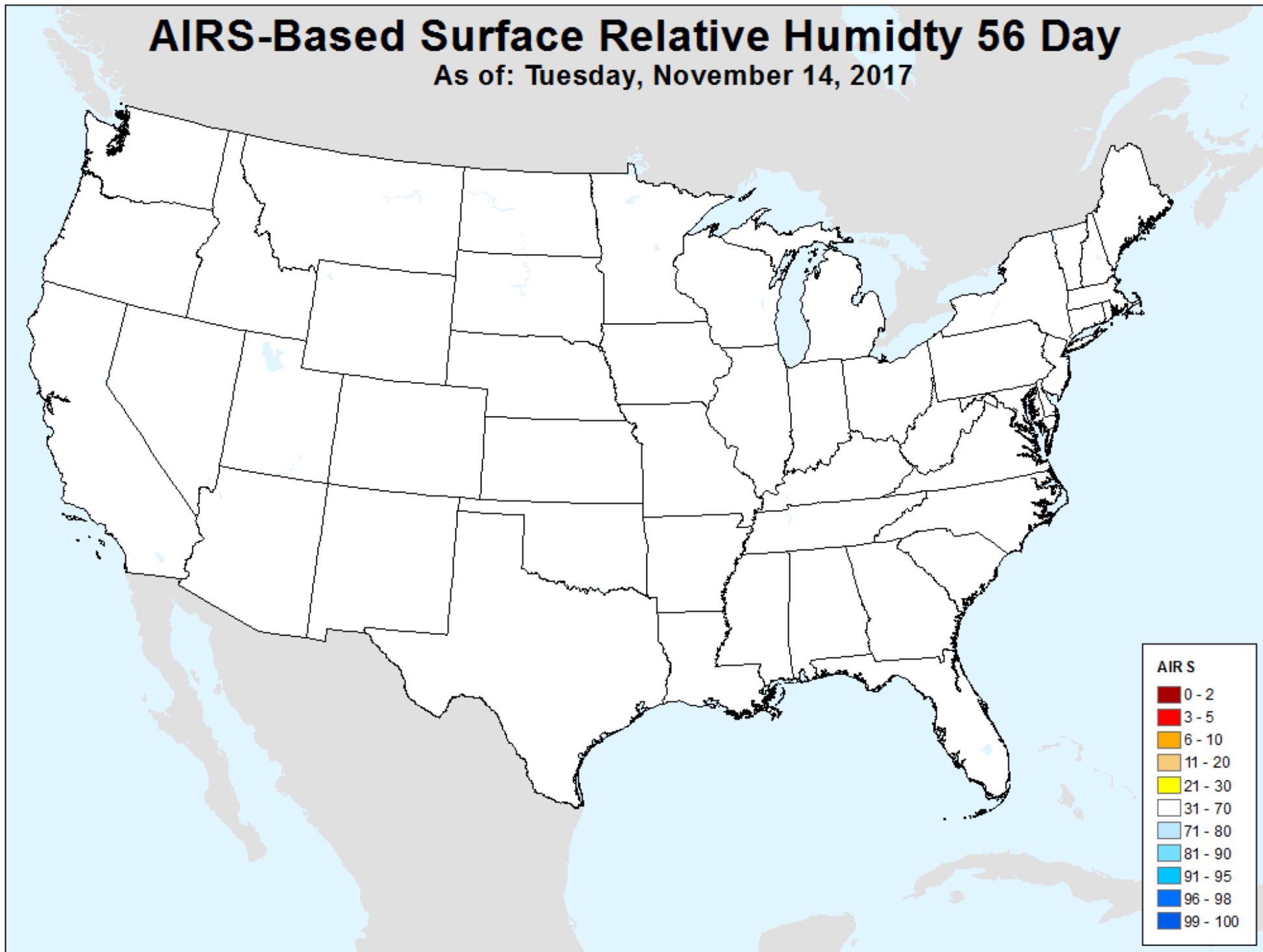
# AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, November 14, 2017



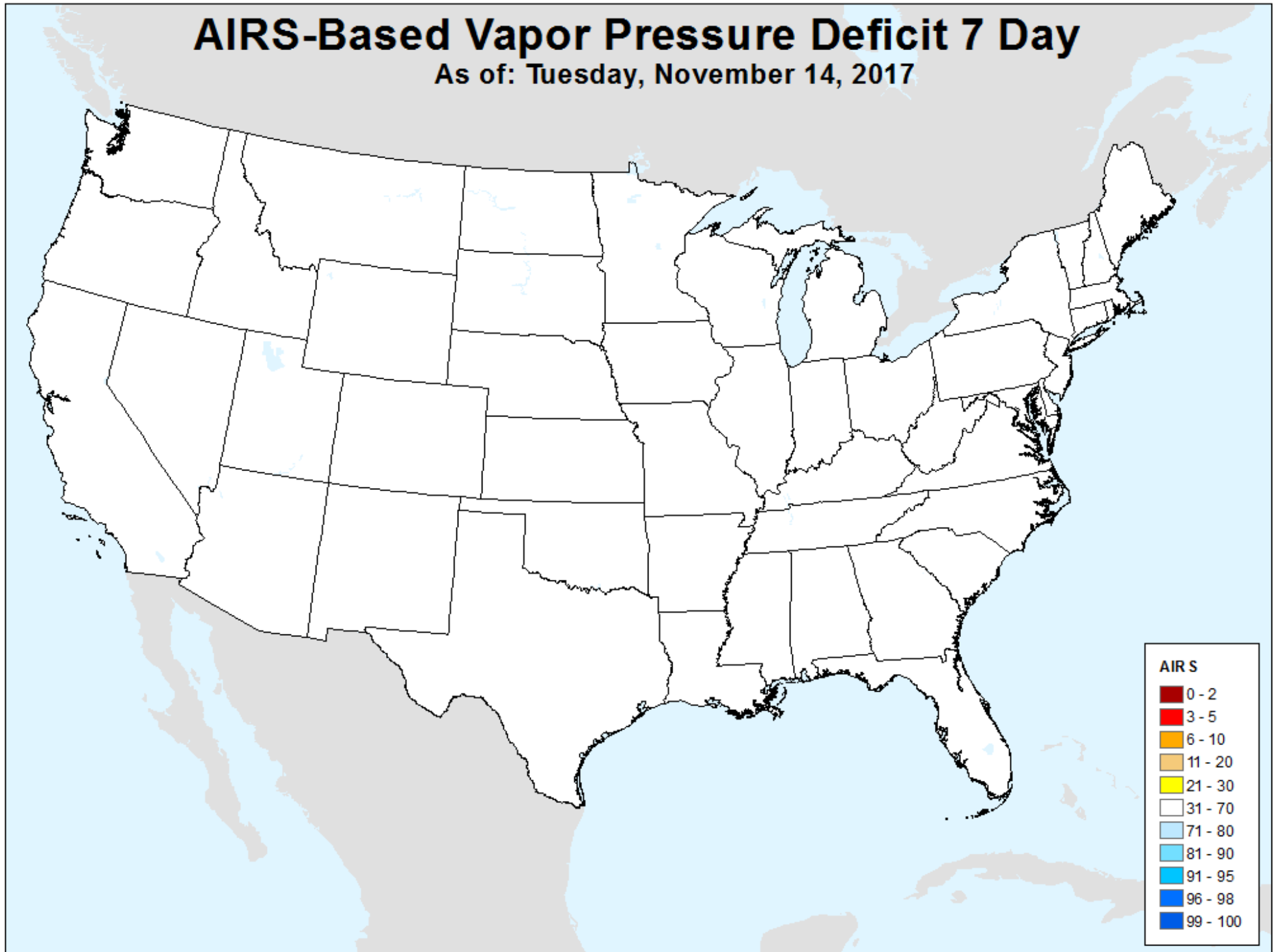
# AIRS-Based Surface Relative Humidity 56 Day

As of: Tuesday, November 14, 2017



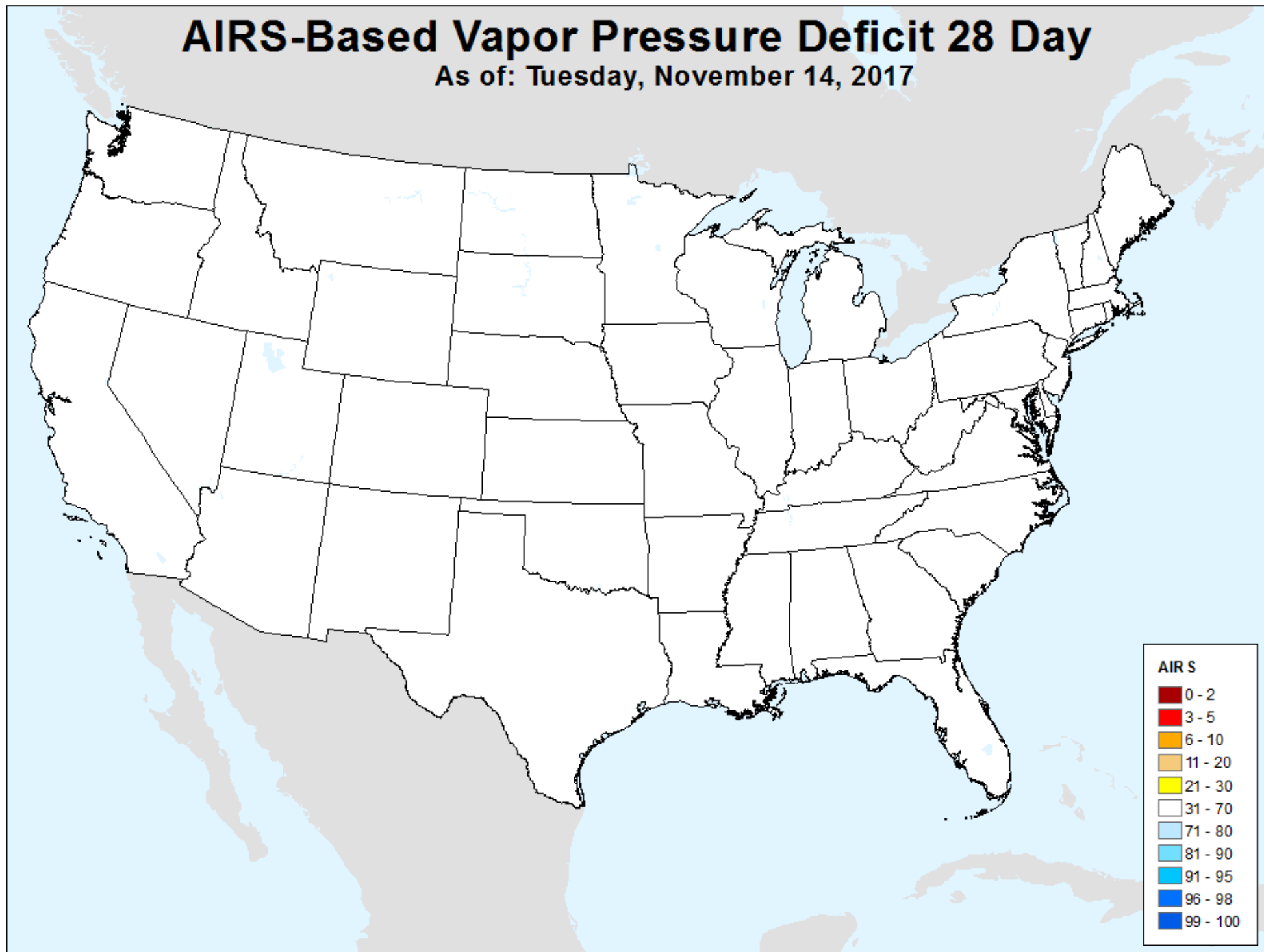
# AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, November 14, 2017



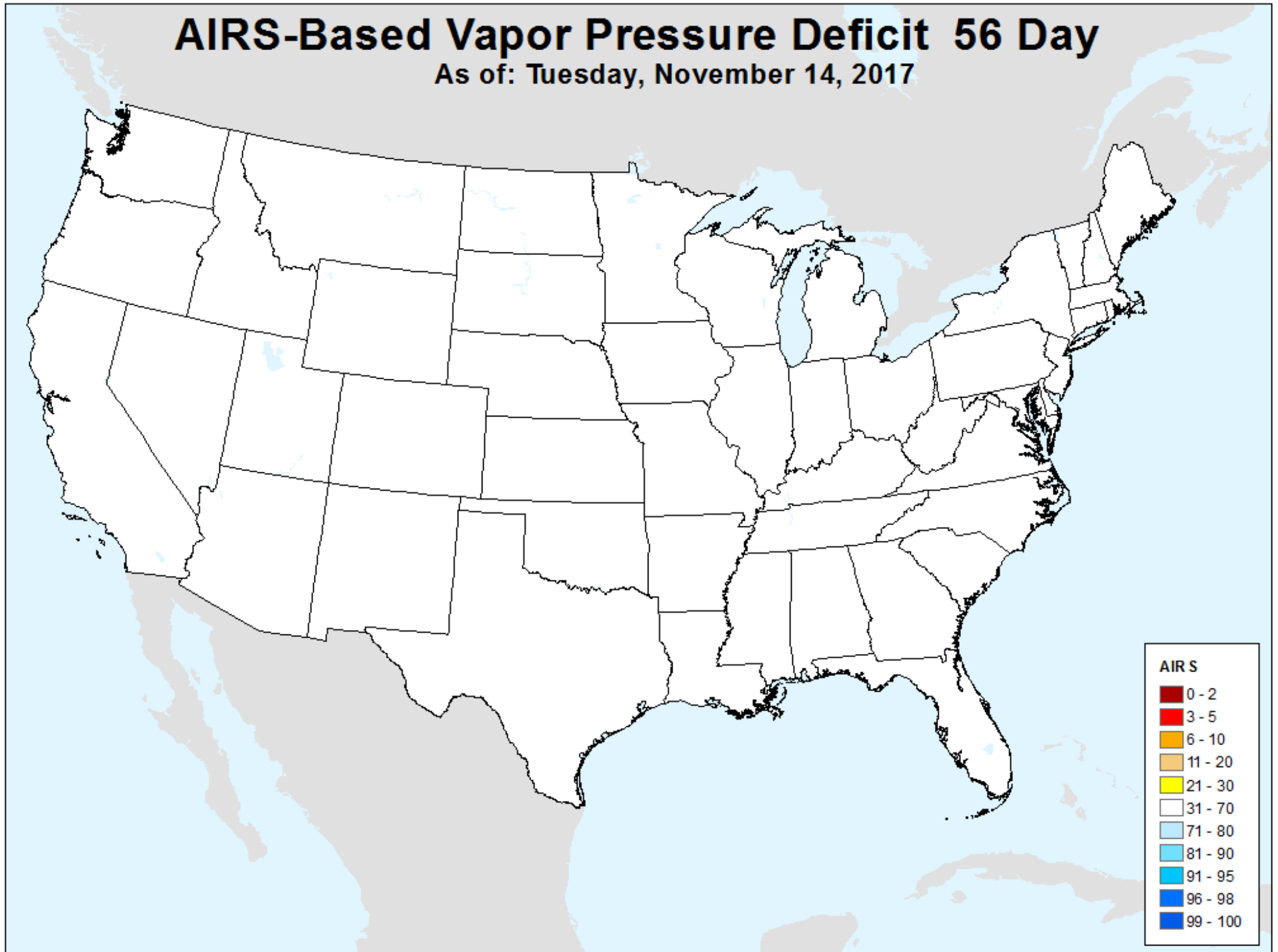
# AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, November 14, 2017

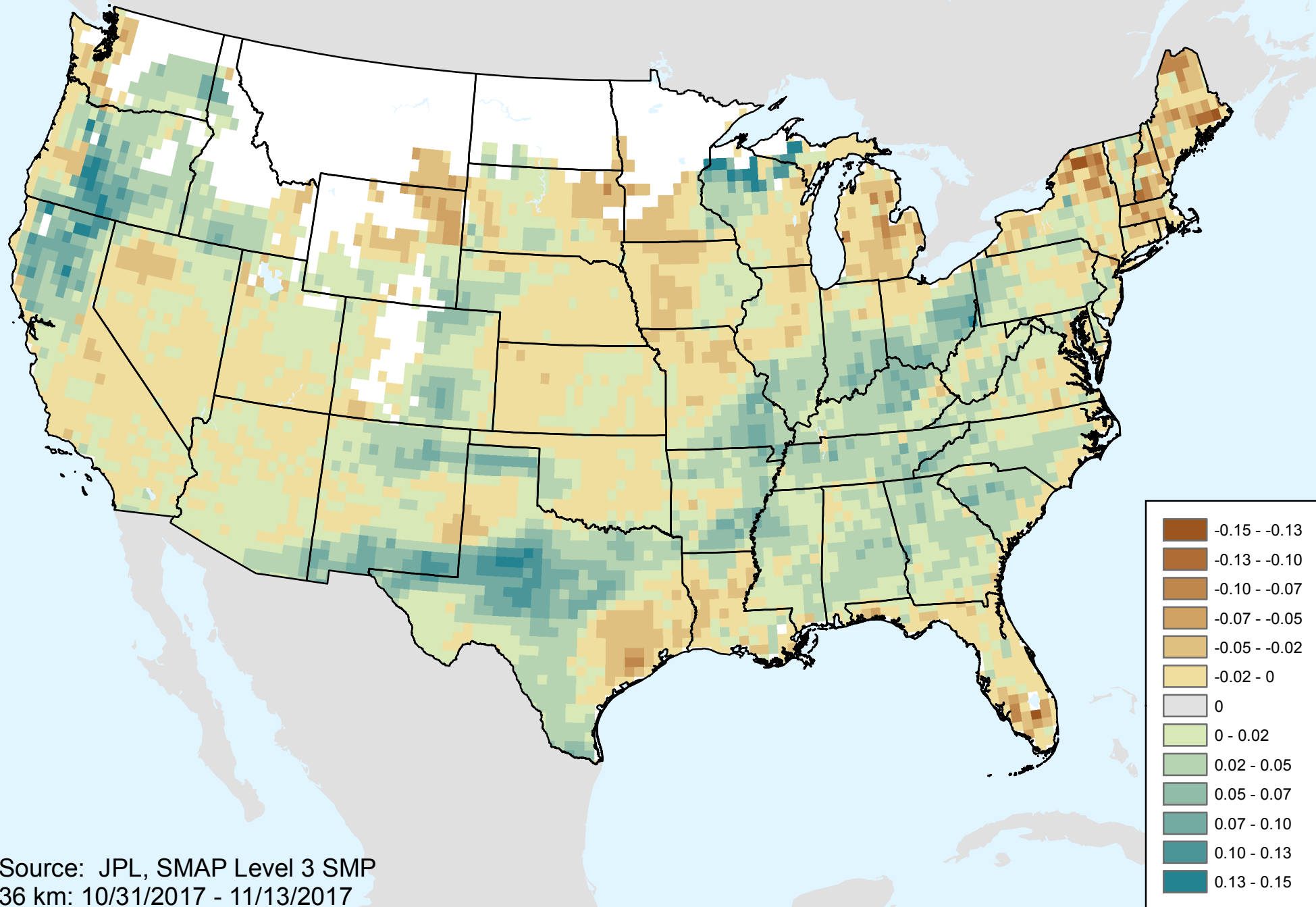


# AIRS-Based Vapor Pressure Deficit 56 Day

As of: Tuesday, November 14, 2017

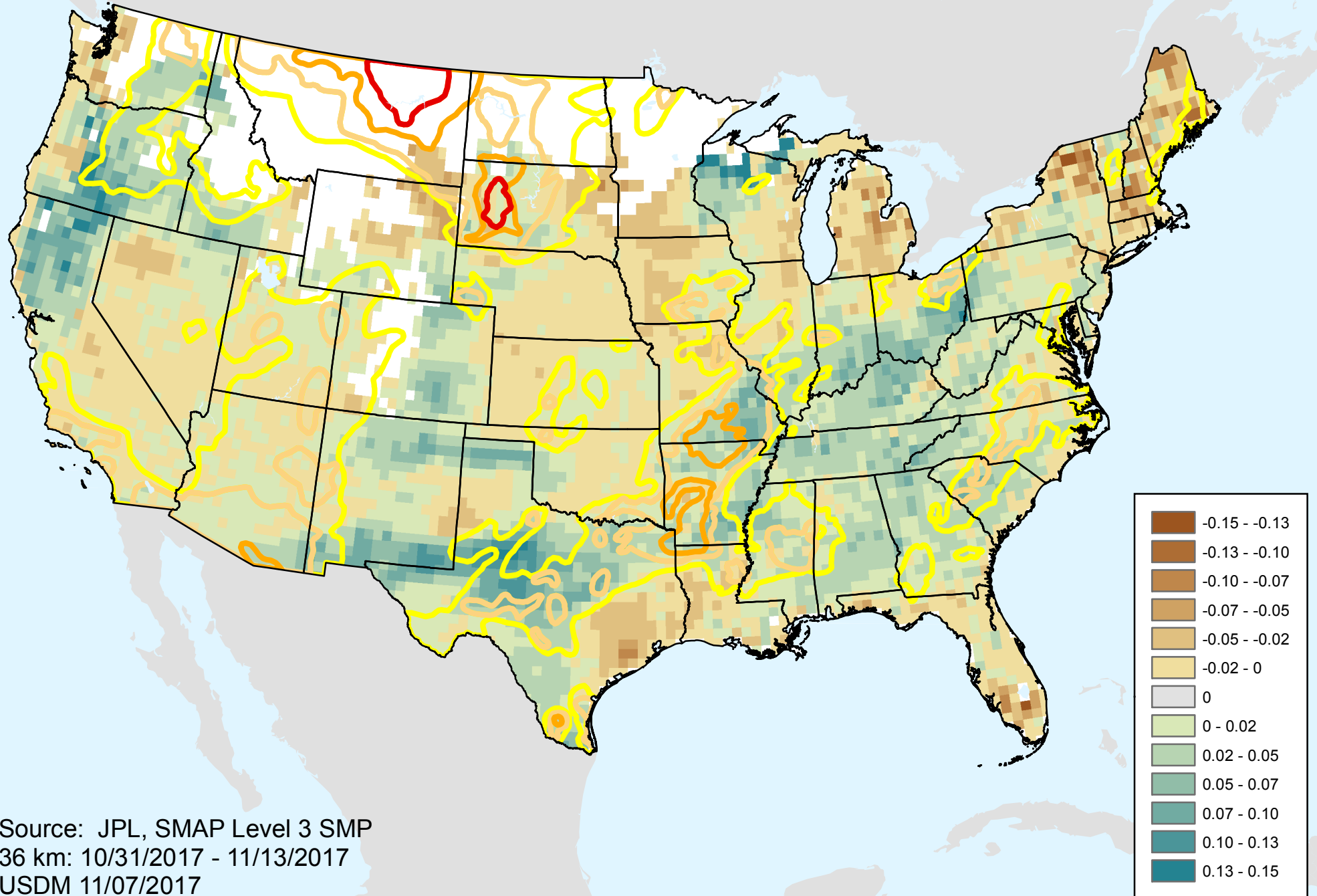


# SMAP 1-Week Change in Soil Moisture 0-5 cm



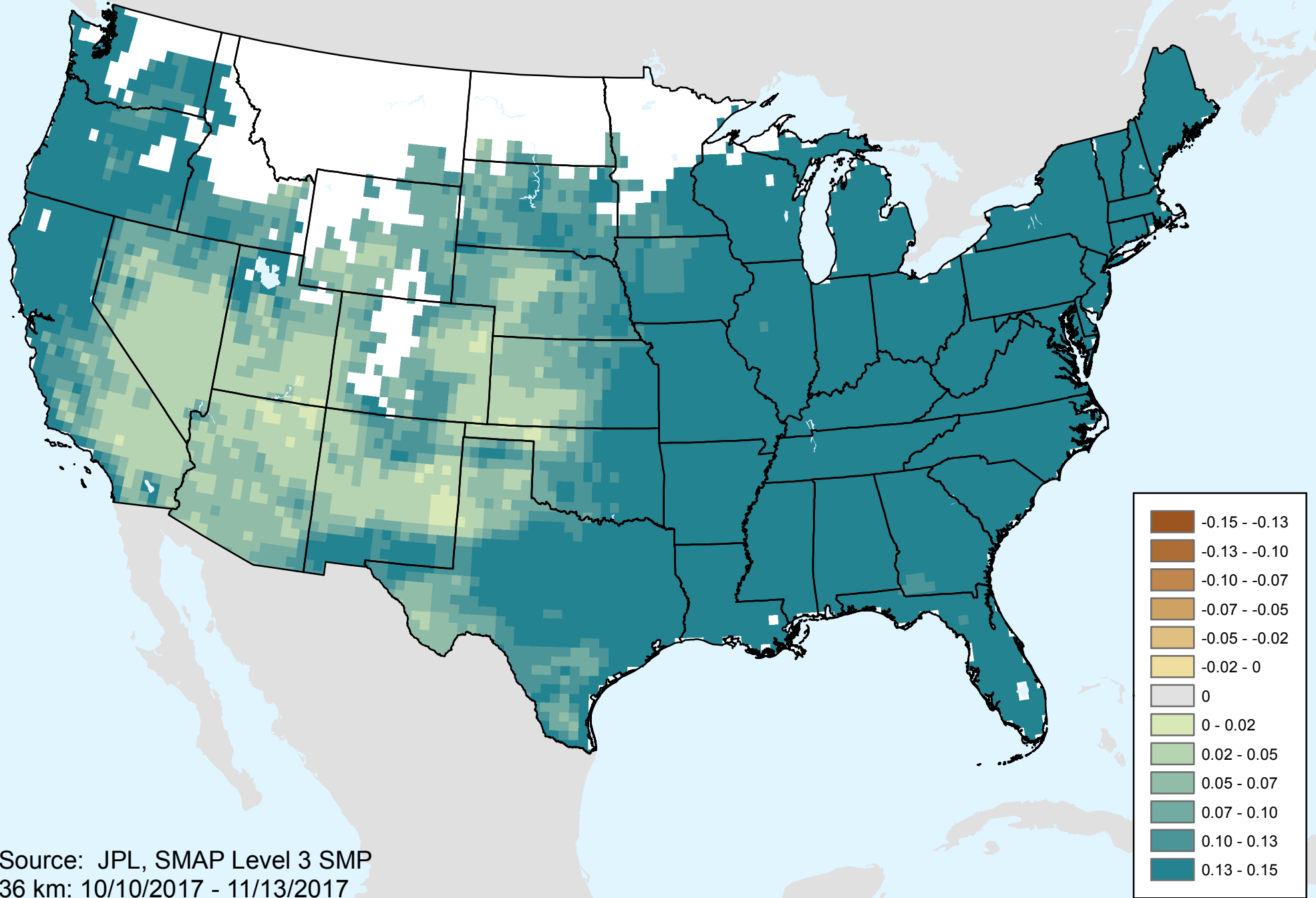
Source: JPL, SMAP Level 3 SMP  
36 km: 10/31/2017 - 11/13/2017

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



Source: JPL, SMAP Level 3 SMP  
36 km: 10/31/2017 - 11/13/2017  
USDM 11/07/2017

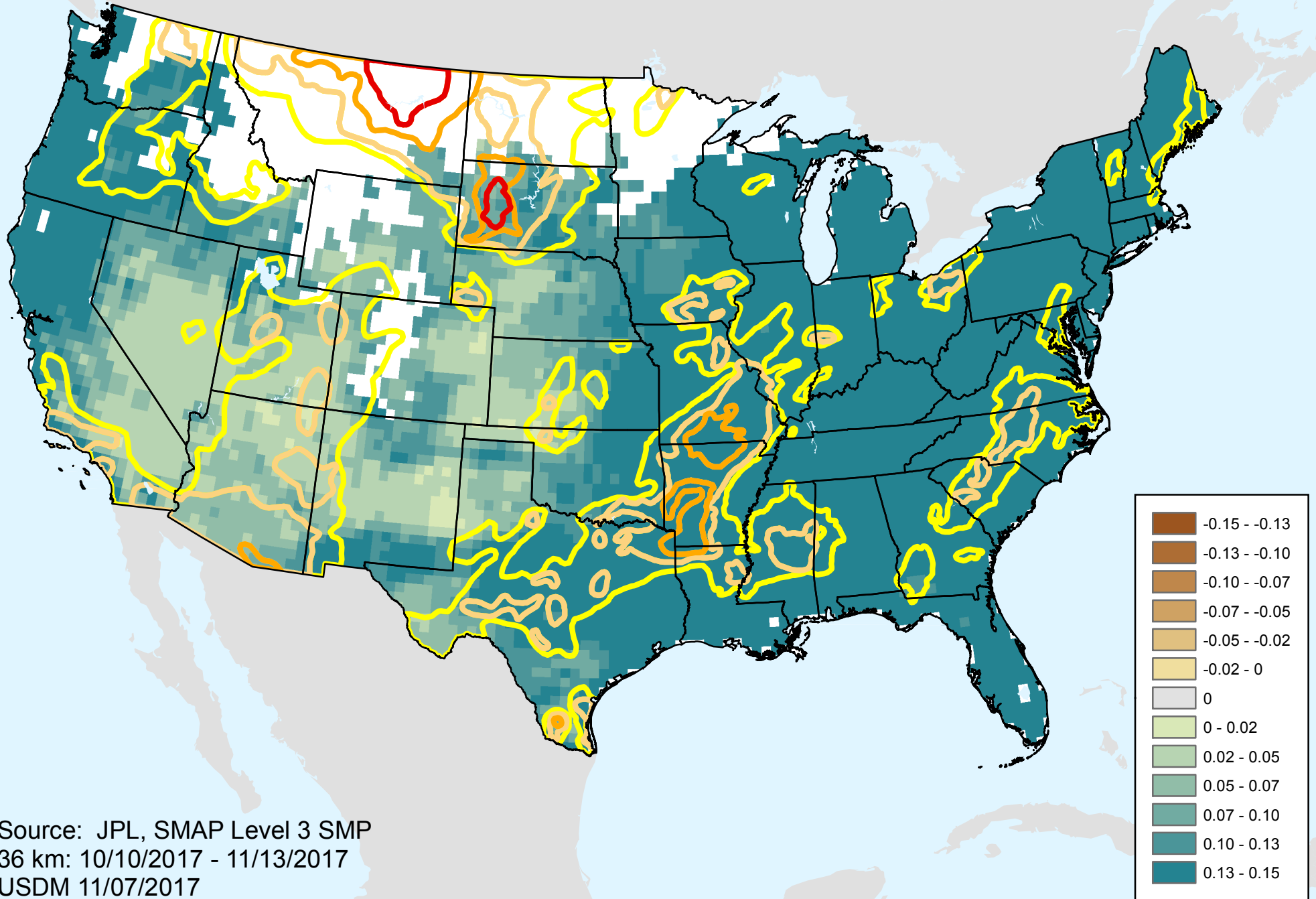
# SMAP 1-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 10/10/2017 - 11/13/2017

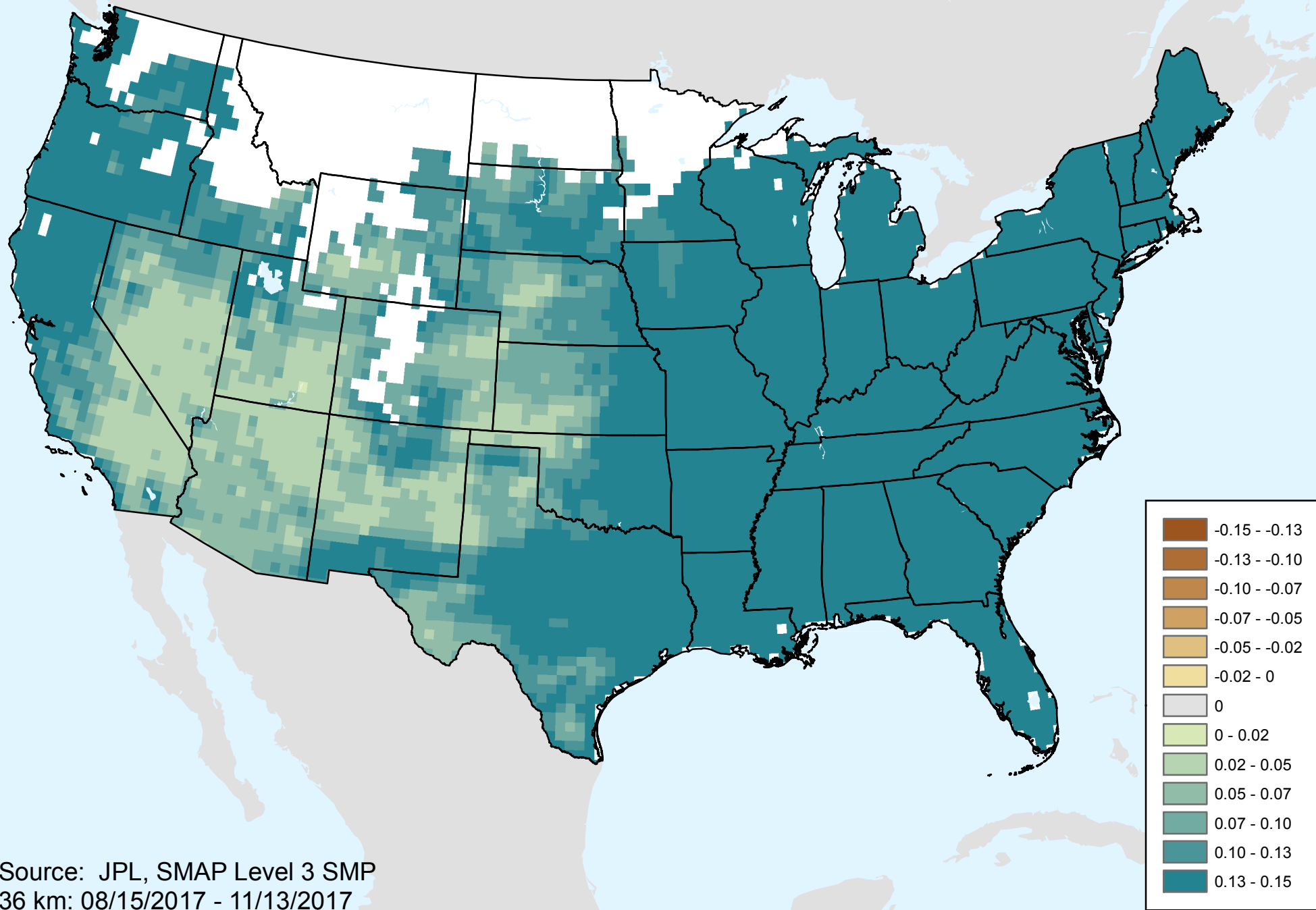


# SMAP 1-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP  
36 km: 10/10/2017 - 11/13/2017  
USDM 11/07/2017

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



Source: JPL, SMAP Level 3 SMP  
36 km: 08/15/2017 - 11/13/2017

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

