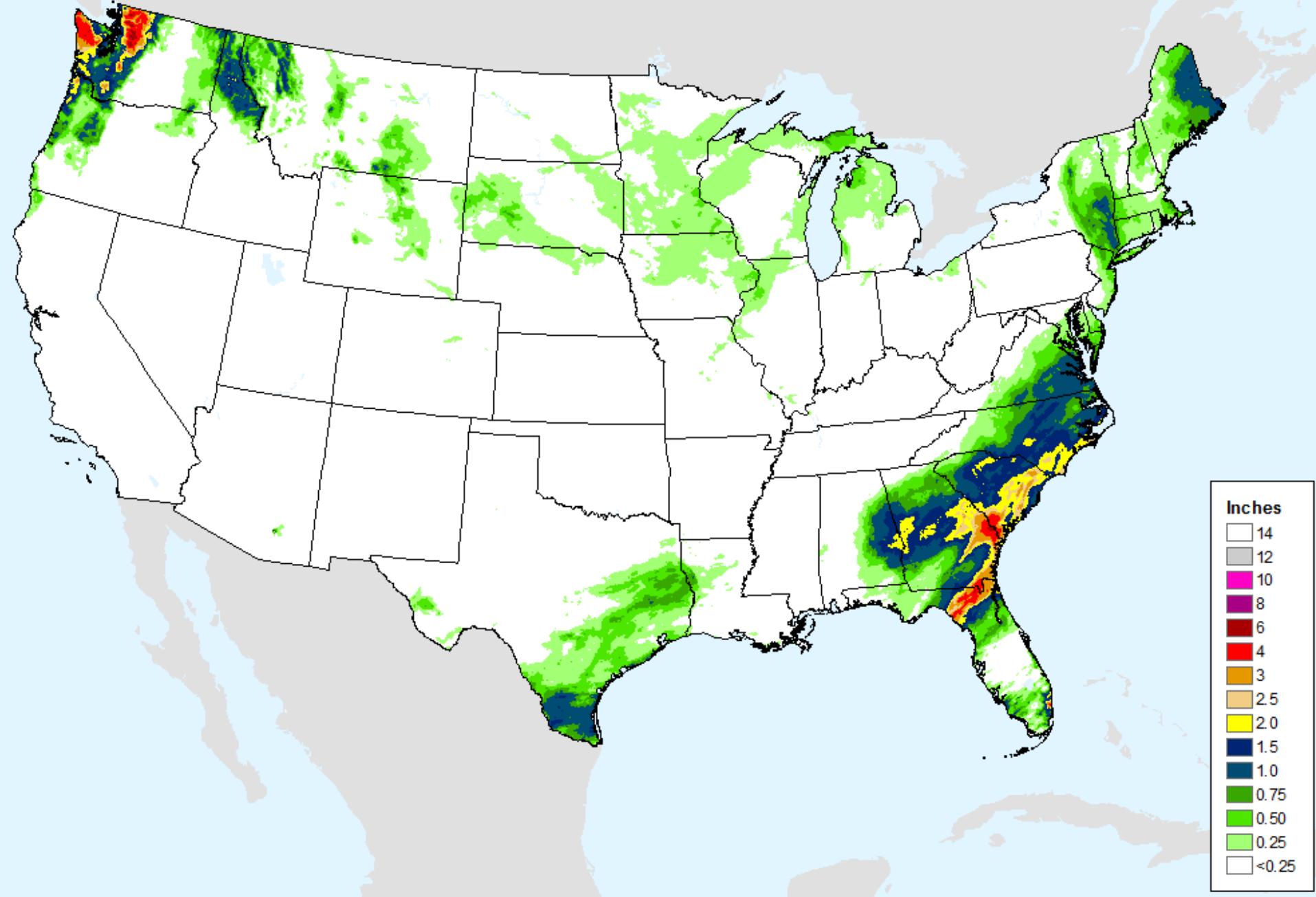


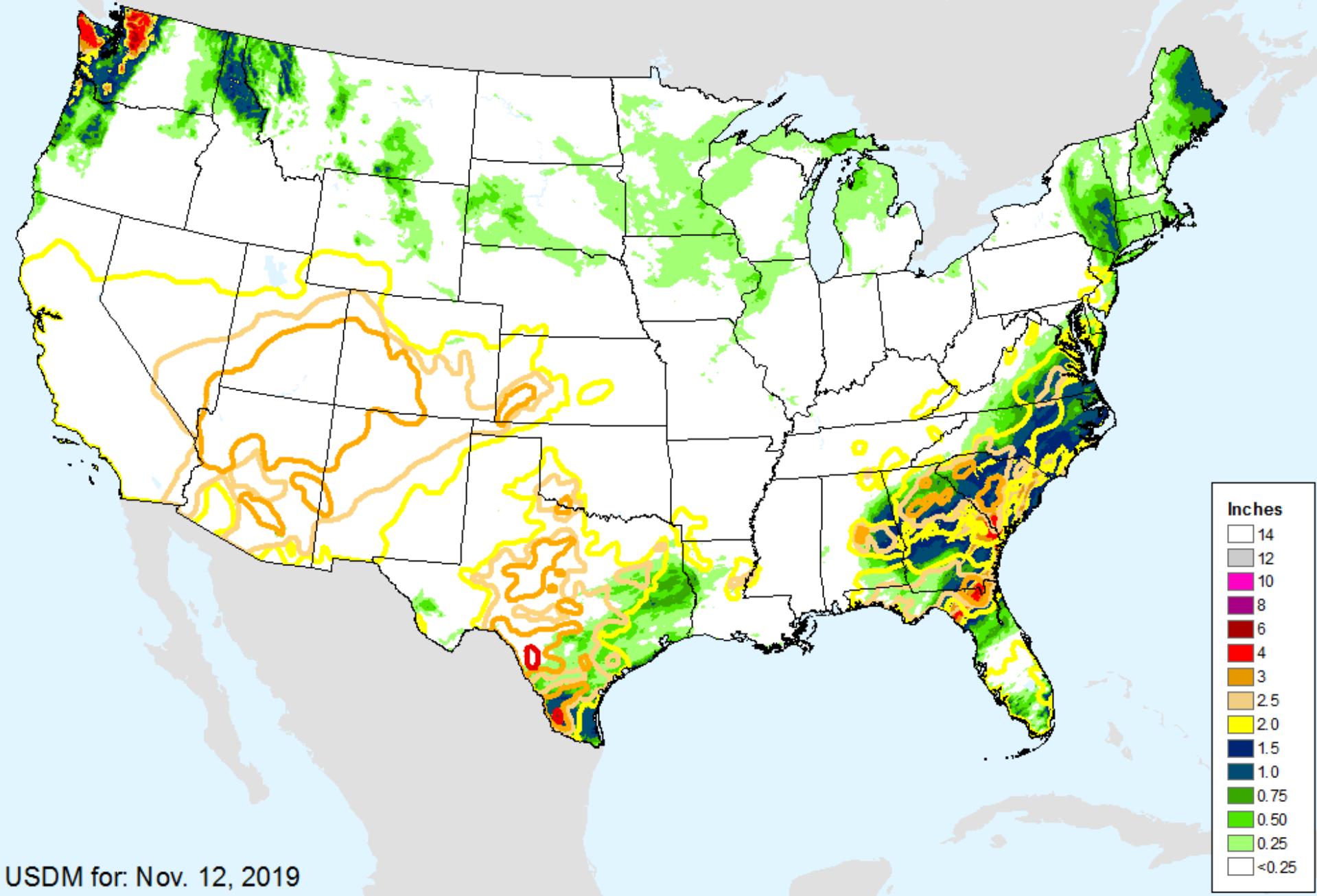
AHPS 7-Day Precipitation

As of: Tuesday, November 19, 2019



AHPS 7-Day Precipitation

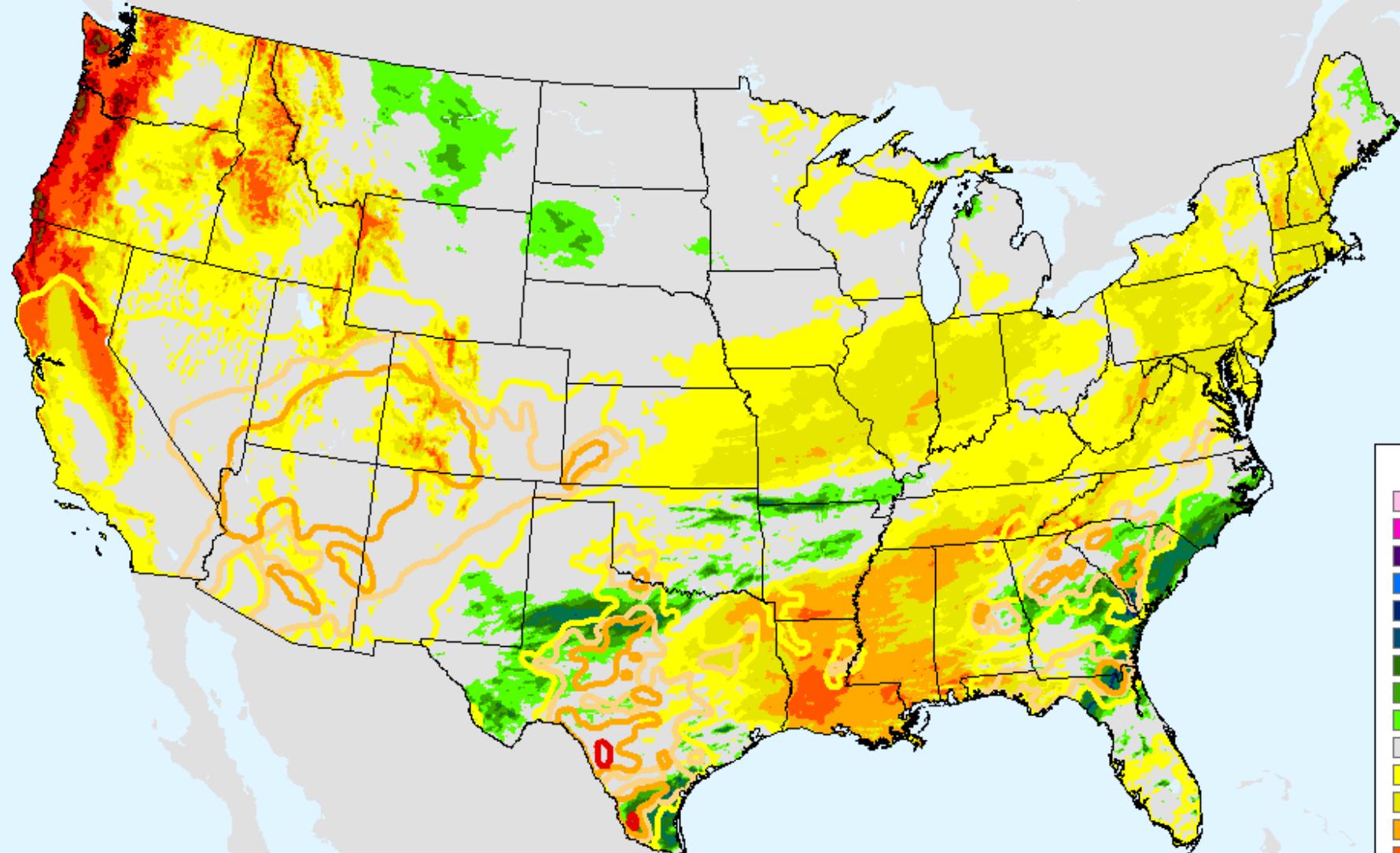
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

AHPS 14-Day Precip Departure

As of: Tuesday, November 19, 2019

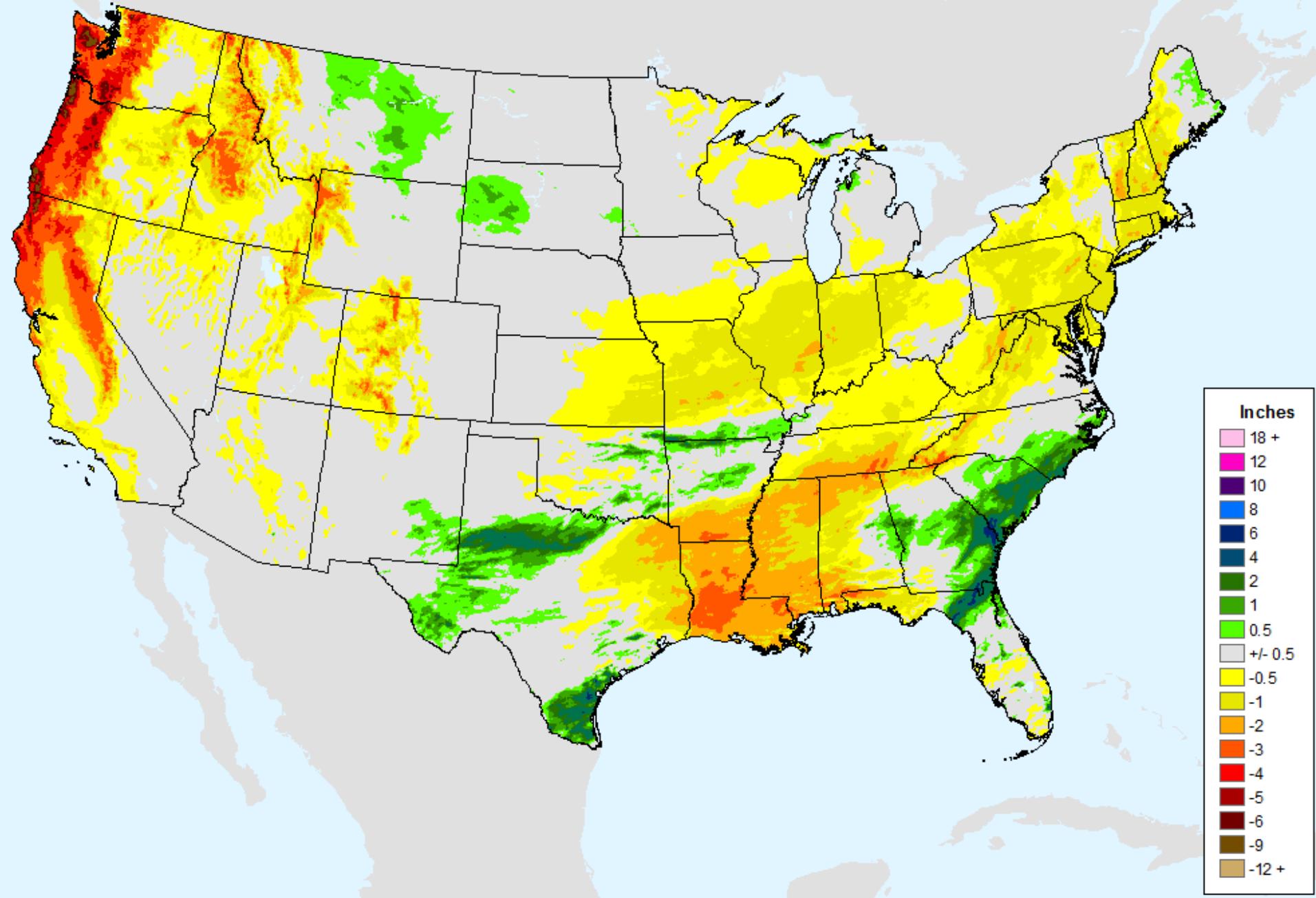


Inches
18 +
12
10
8
6
4
2
1
0.5
+/- 0.5
-0.5
-1
-2
-3
-4
-5
-6
-9
-12 +

USDM for: Nov. 12, 2019

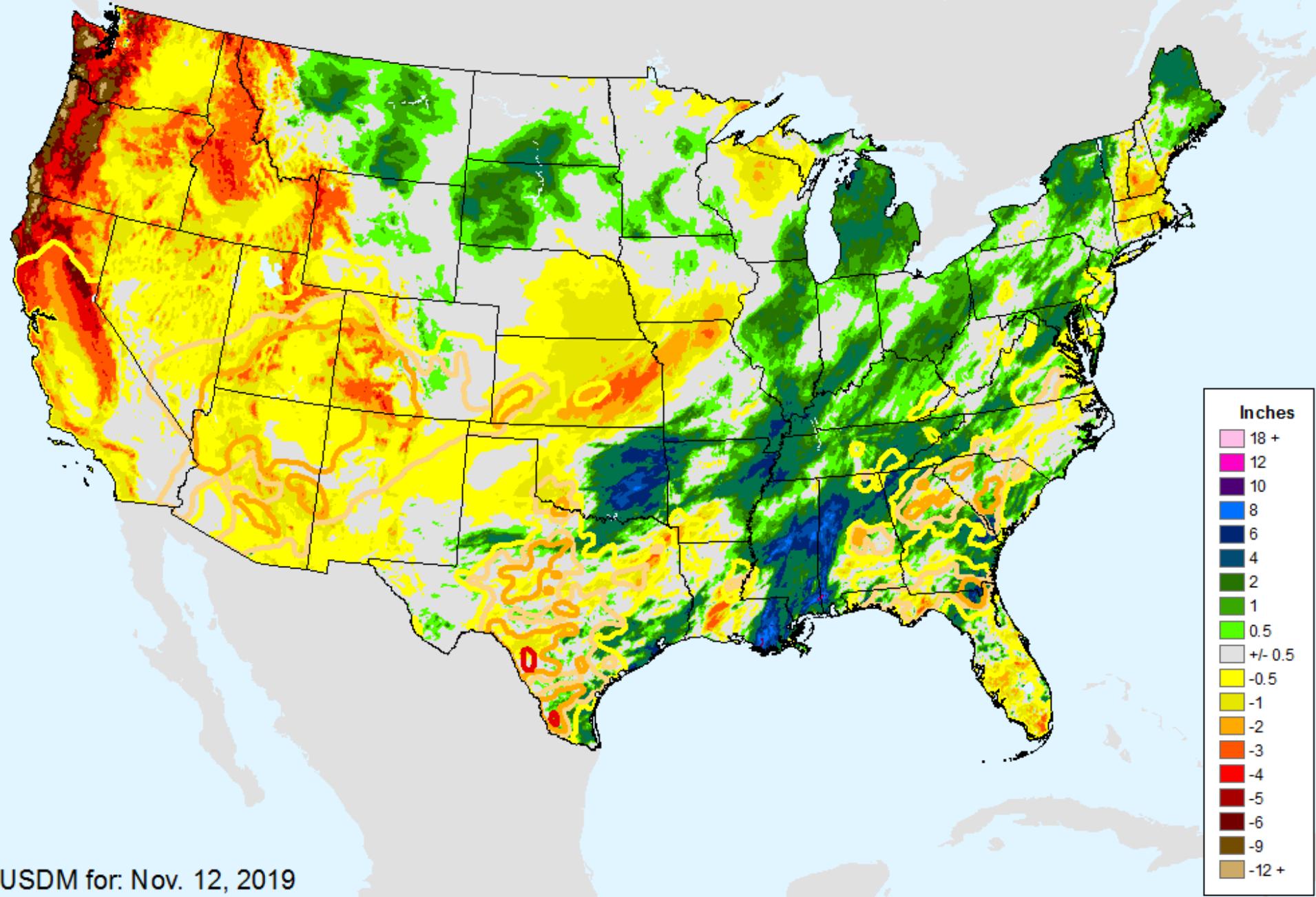
AHPS 14-Day Precip Departure

As of: Tuesday, November 19, 2019



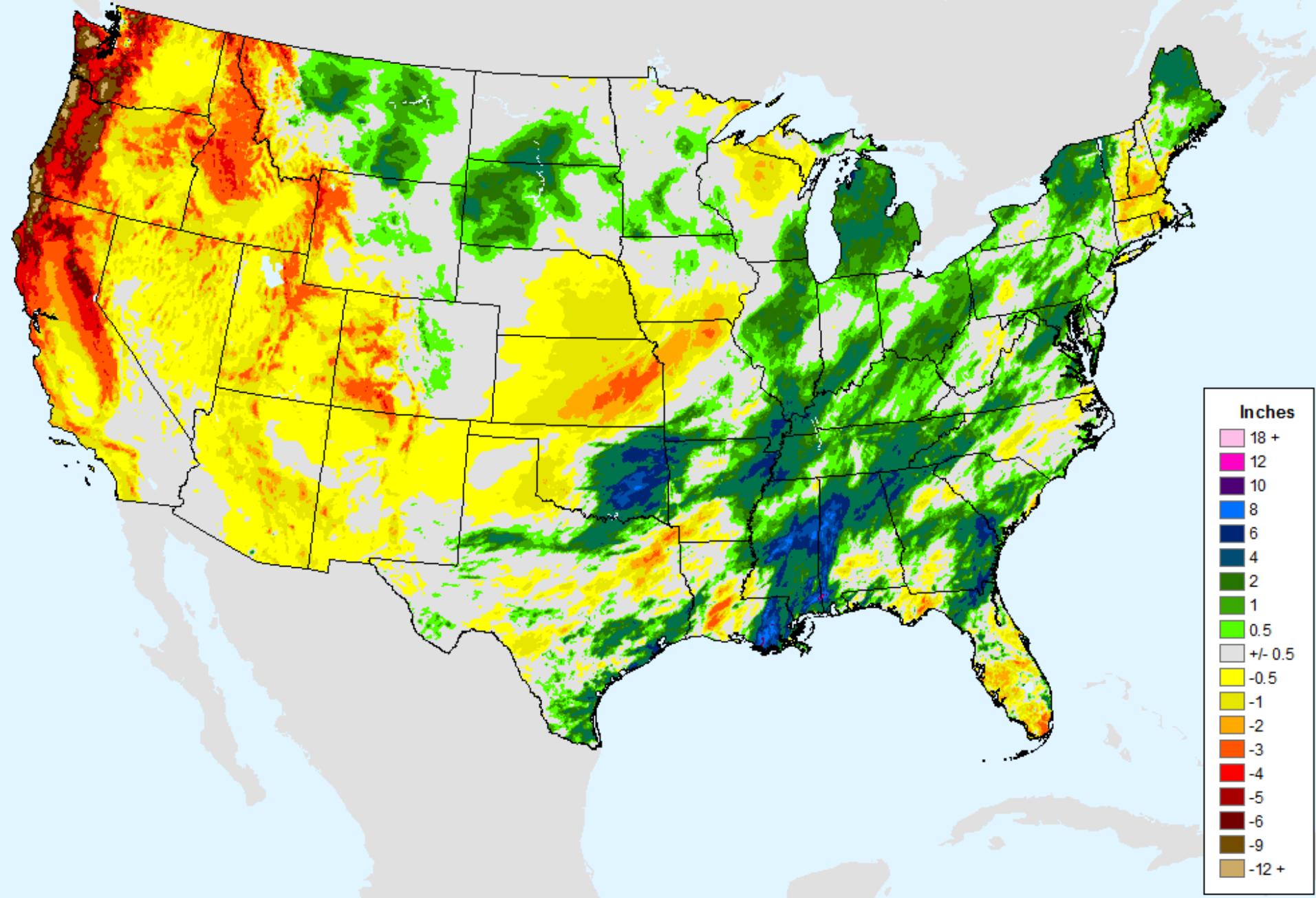
AHPS 30-Day Precip Departure

As of: Tuesday, November 19, 2019



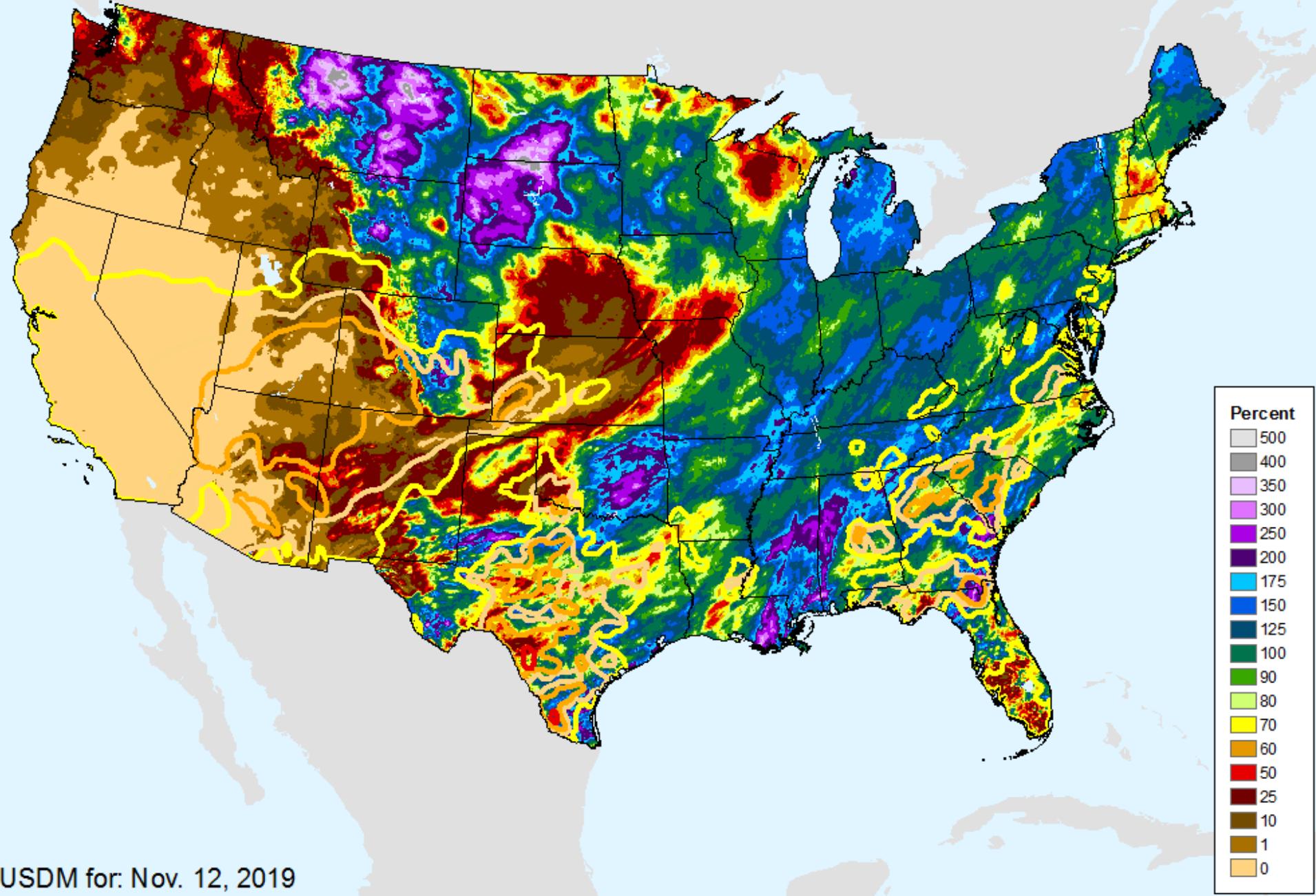
AHPS 30-Day Precip Departure

As of: Tuesday, November 19, 2019



AHPS 30-Day Pct of Normal Pcp

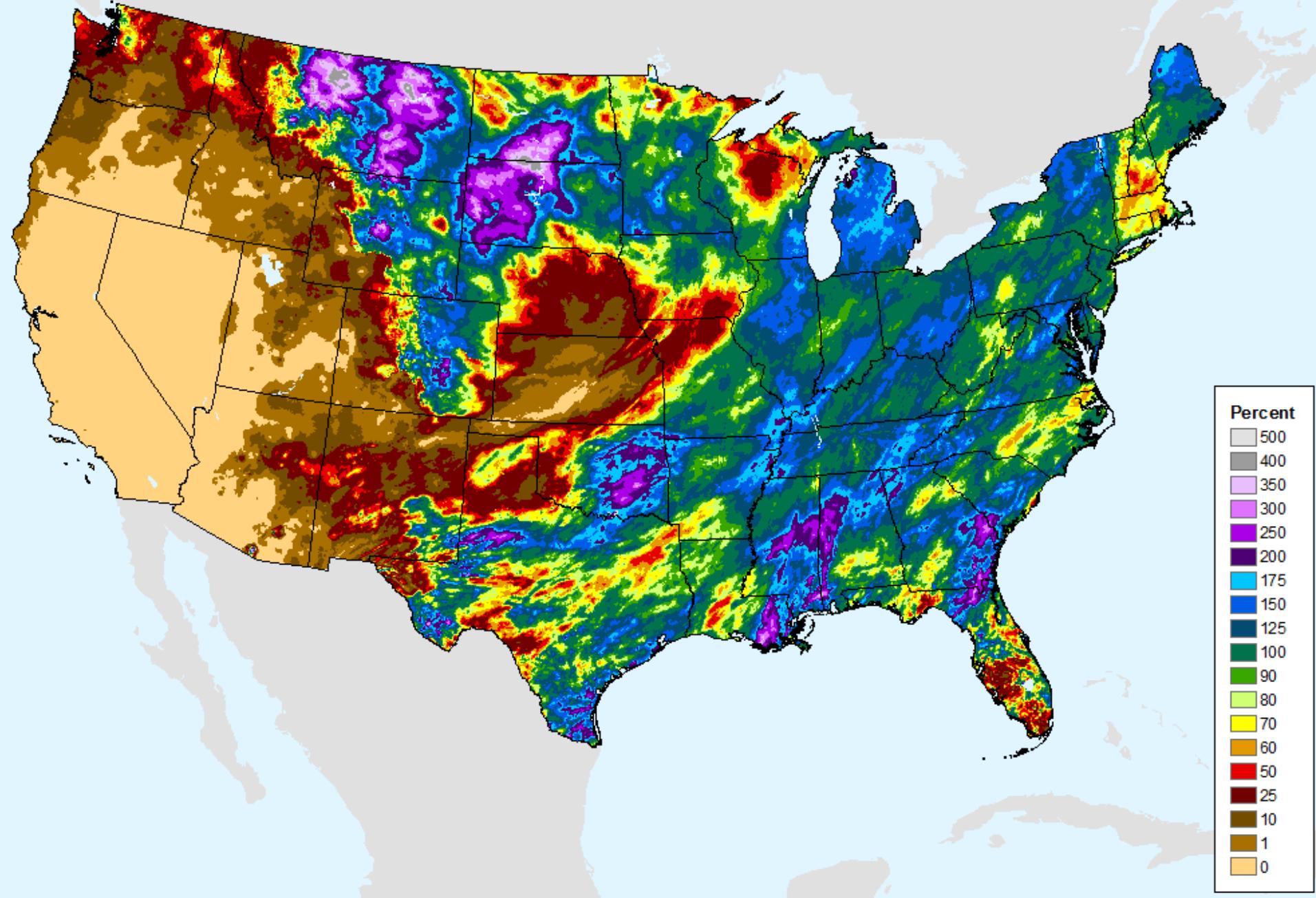
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

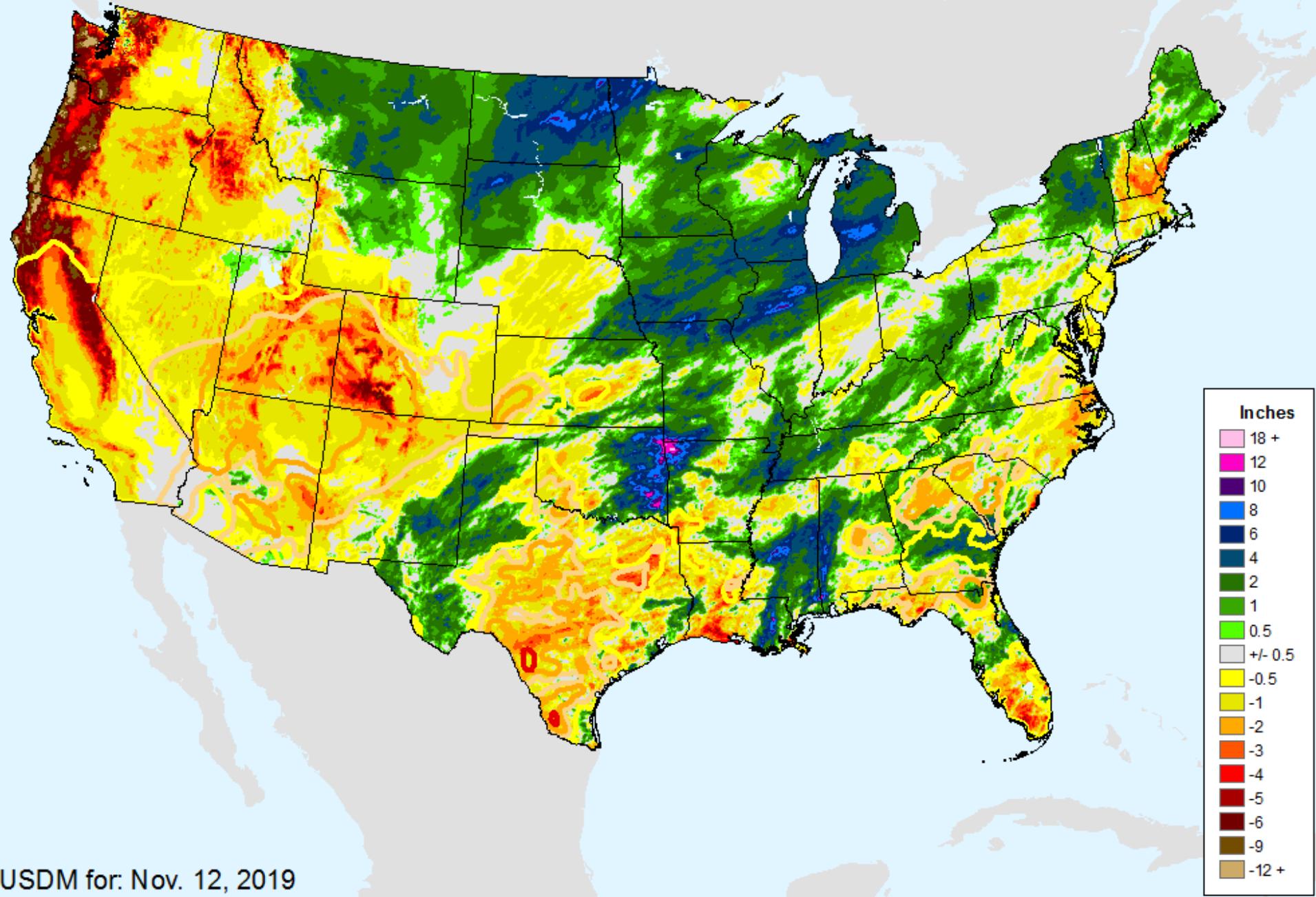
AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, November 19, 2019



AHPS 60-Day Precip Departure

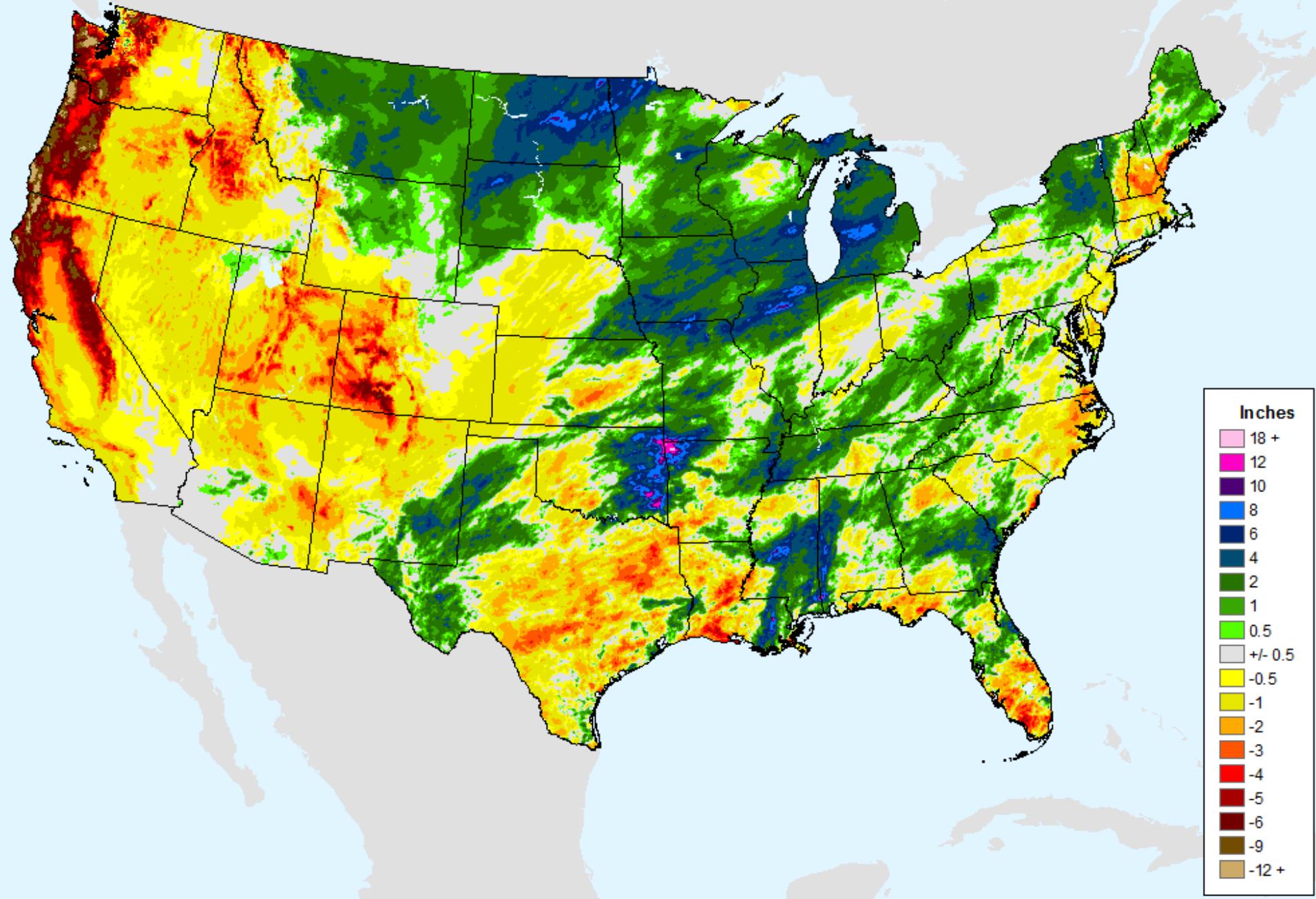
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

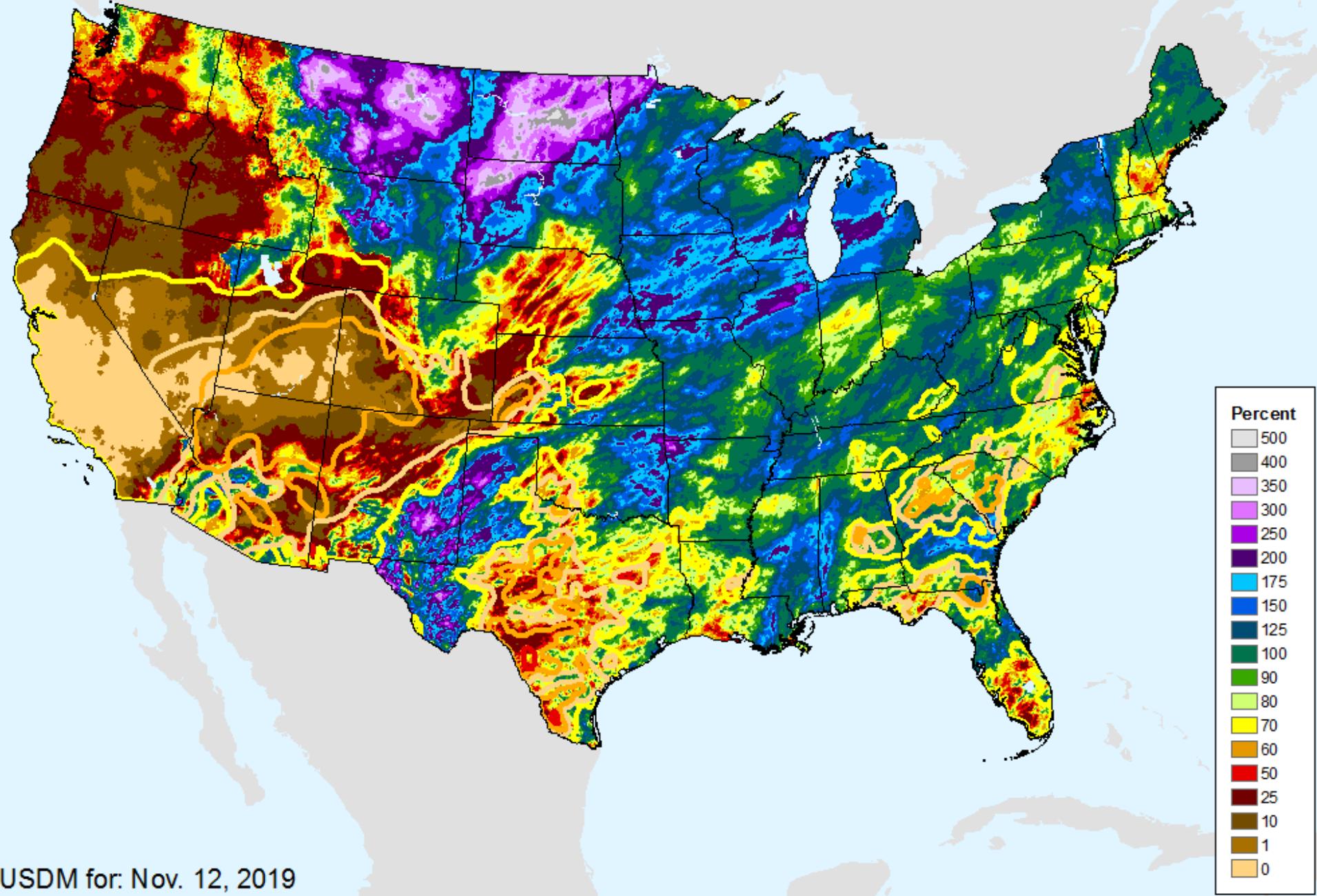
AHPS 60-Day Precip Departure

As of: Tuesday, November 19, 2019



AHPS 60-Day Pct of Normal Pcp

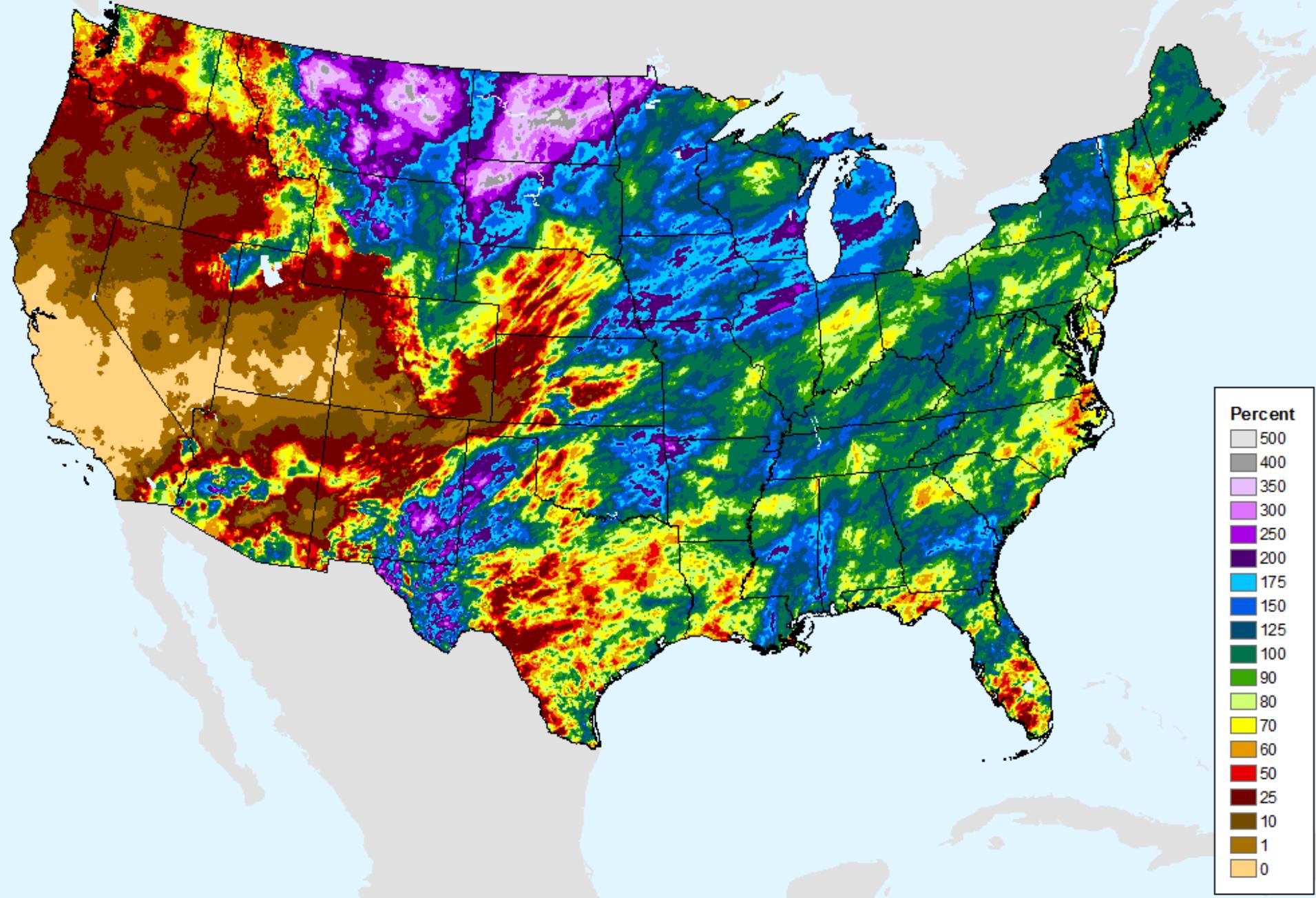
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

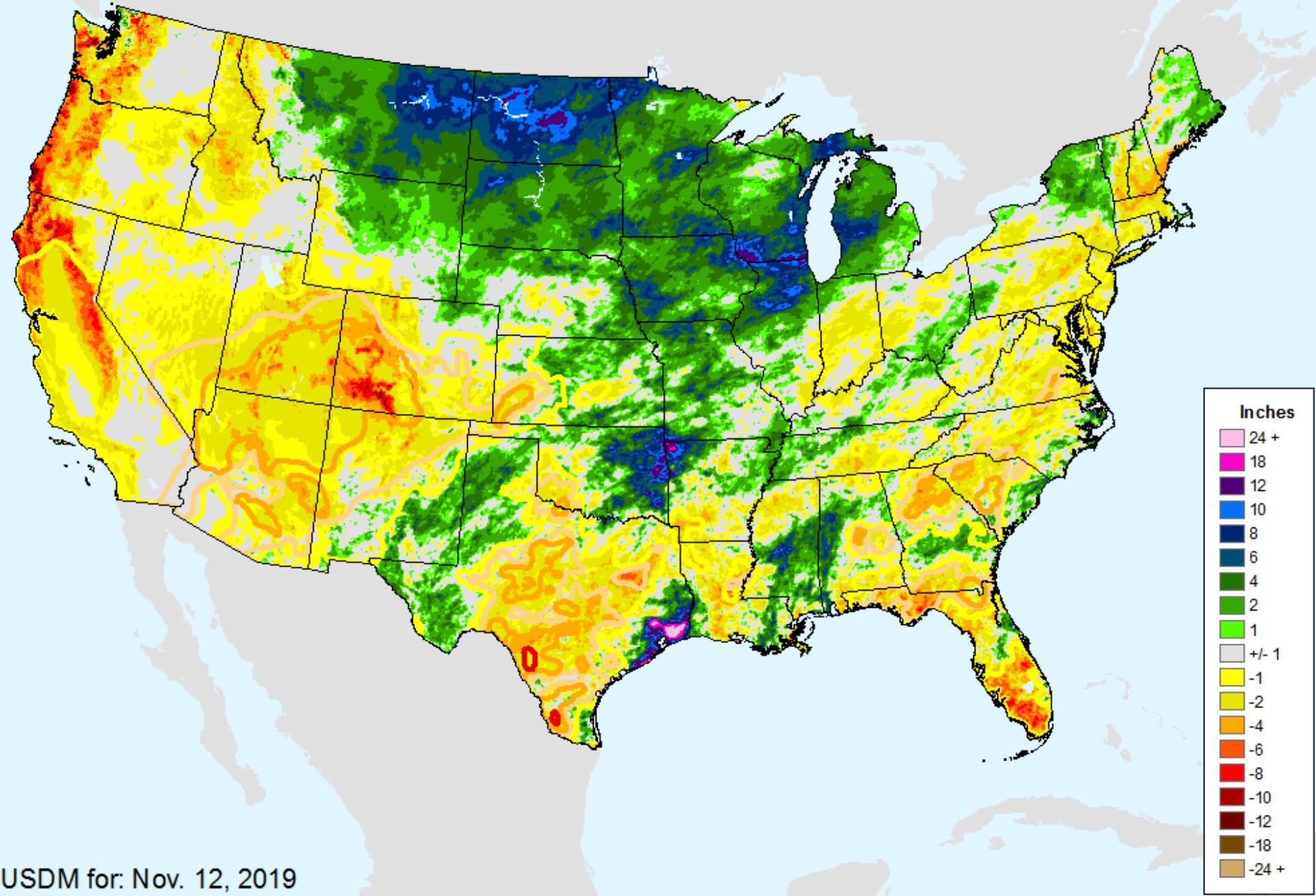
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, November 19, 2019



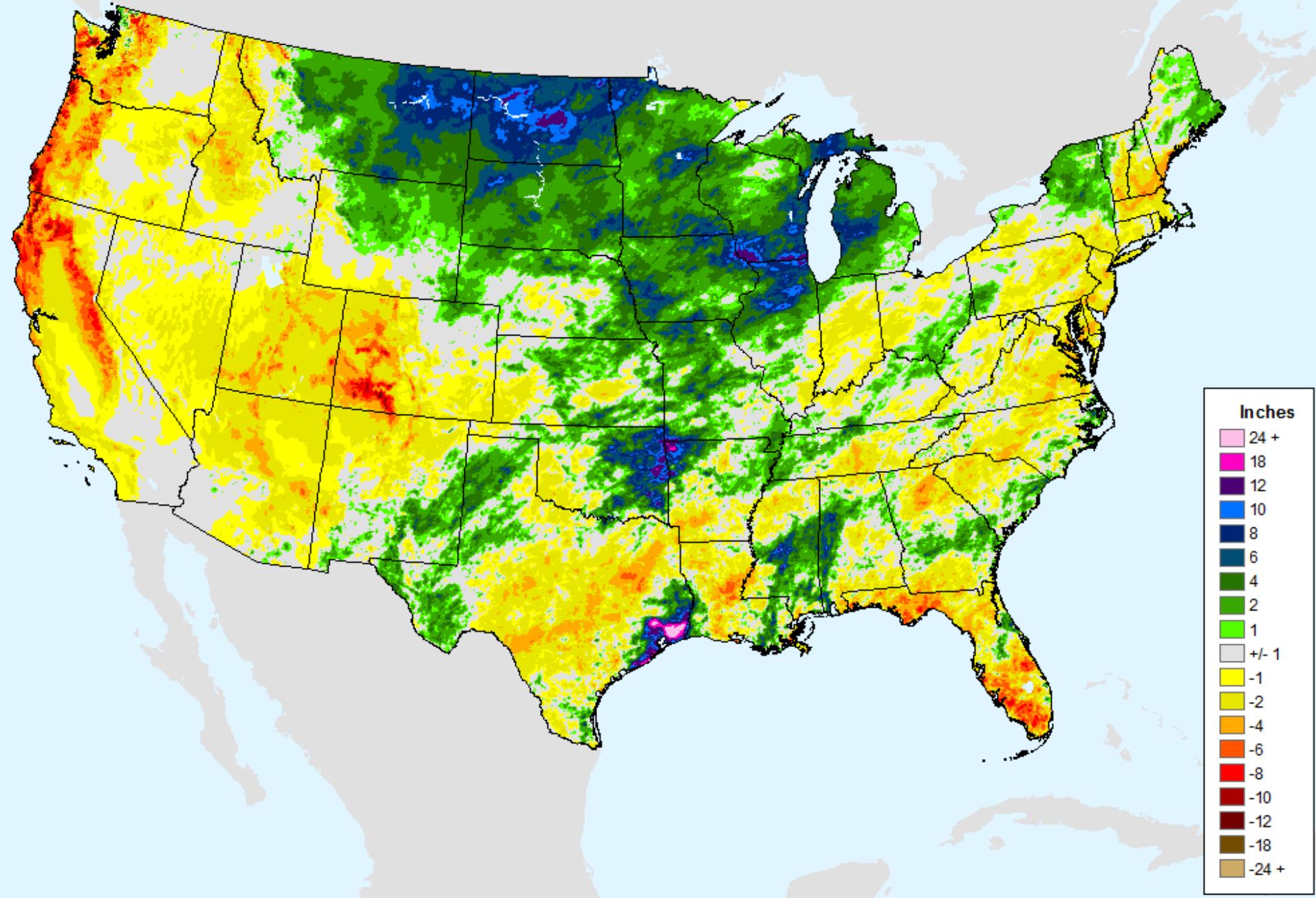
AHPS 90-Day Precip Departure

As of: Tuesday, November 19, 2019



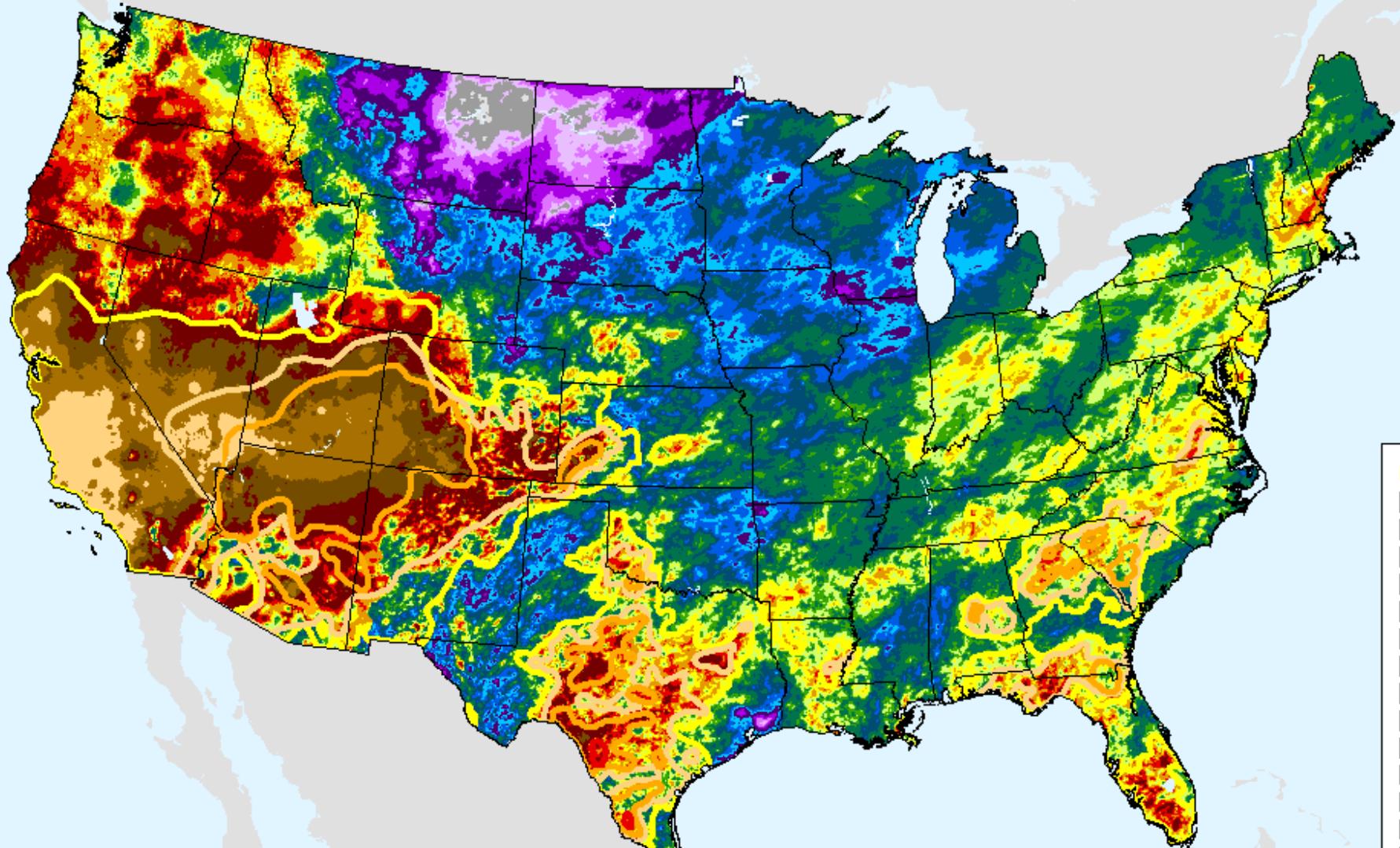
AHPS 90-Day Precip Departure

As of: Tuesday, November 19, 2019



AHPS 90-Day Pct of Normal Pcp

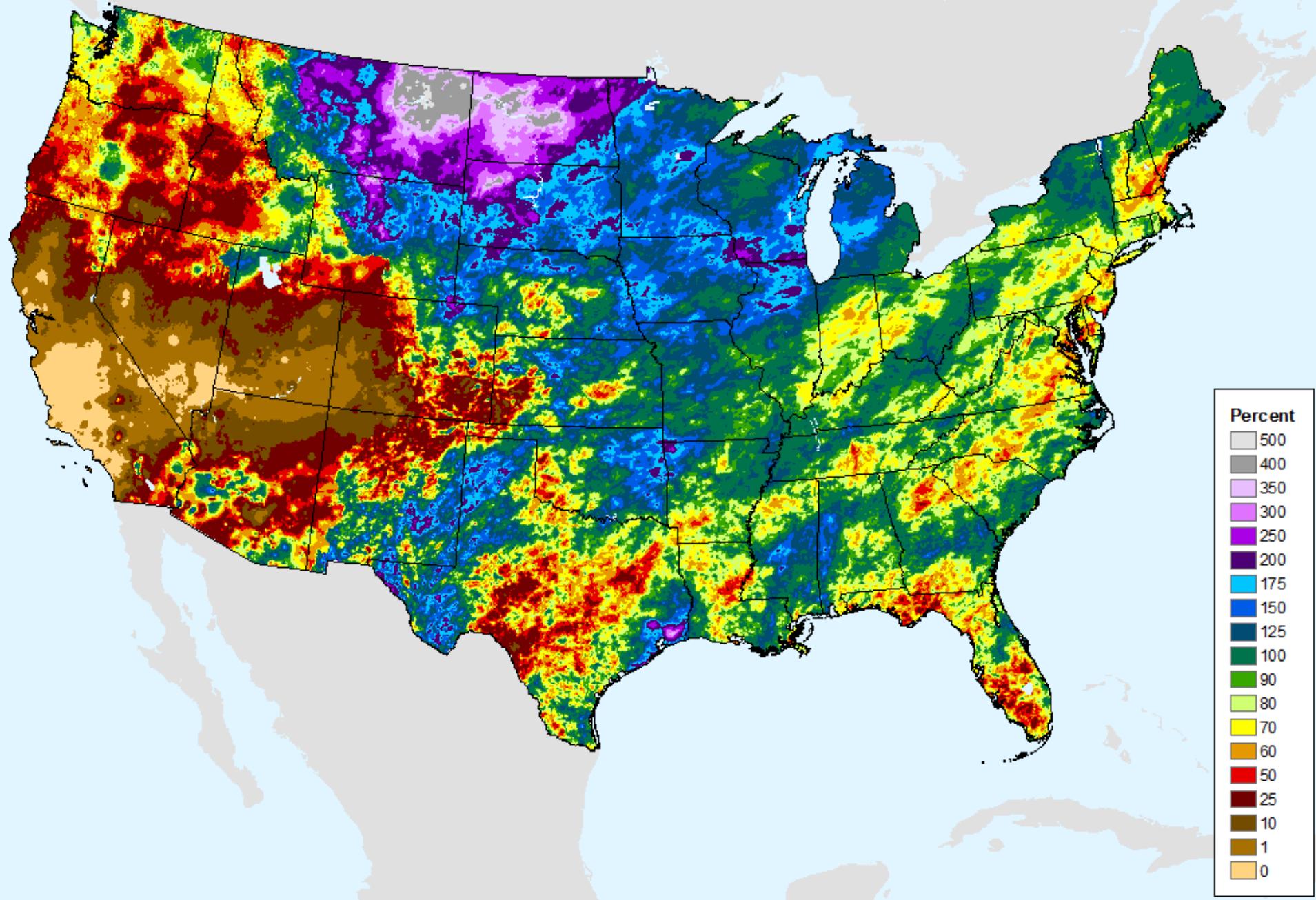
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

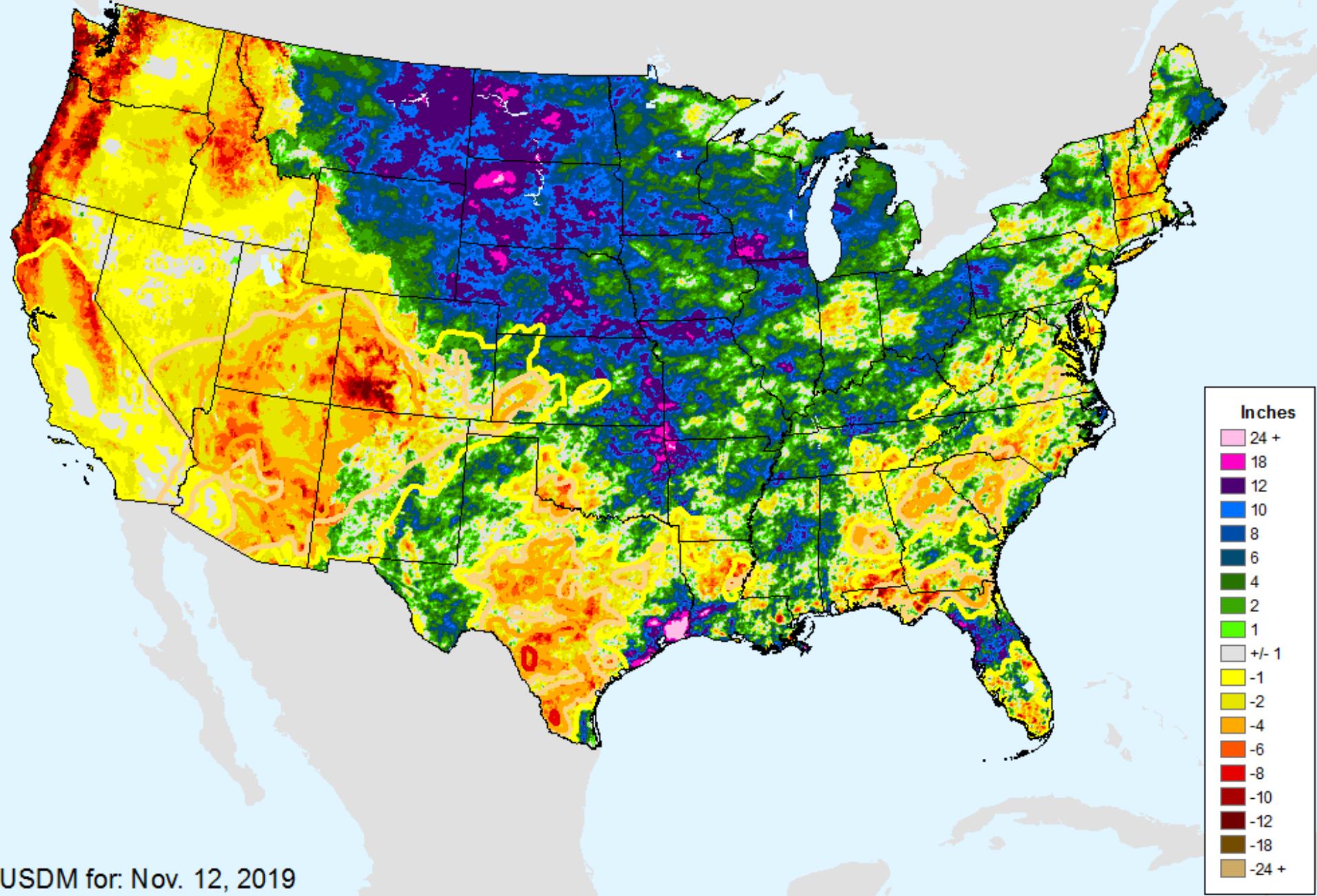
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, November 19, 2019



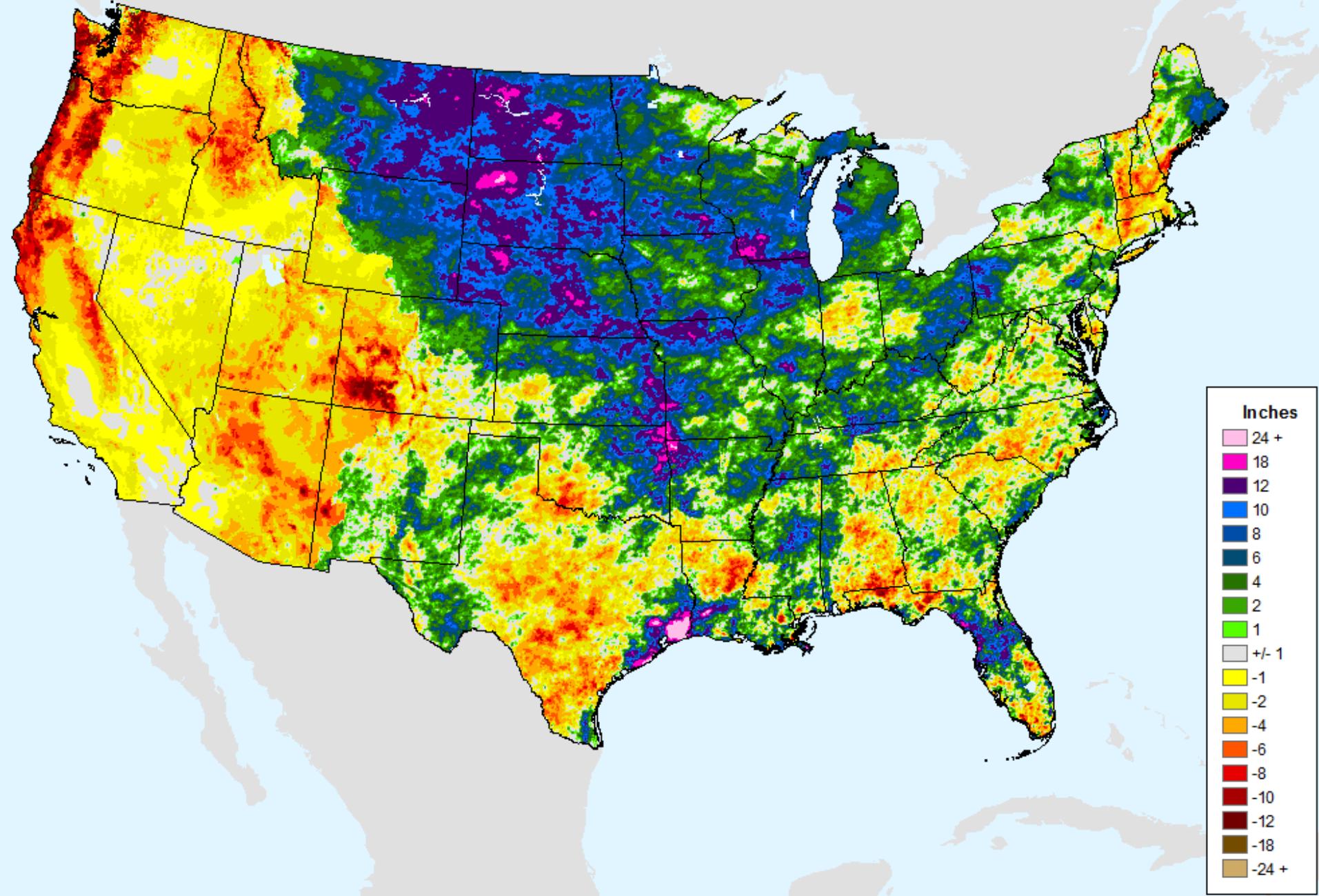
AHPS 180-Day Precip Departure

As of: Tuesday, November 19, 2019



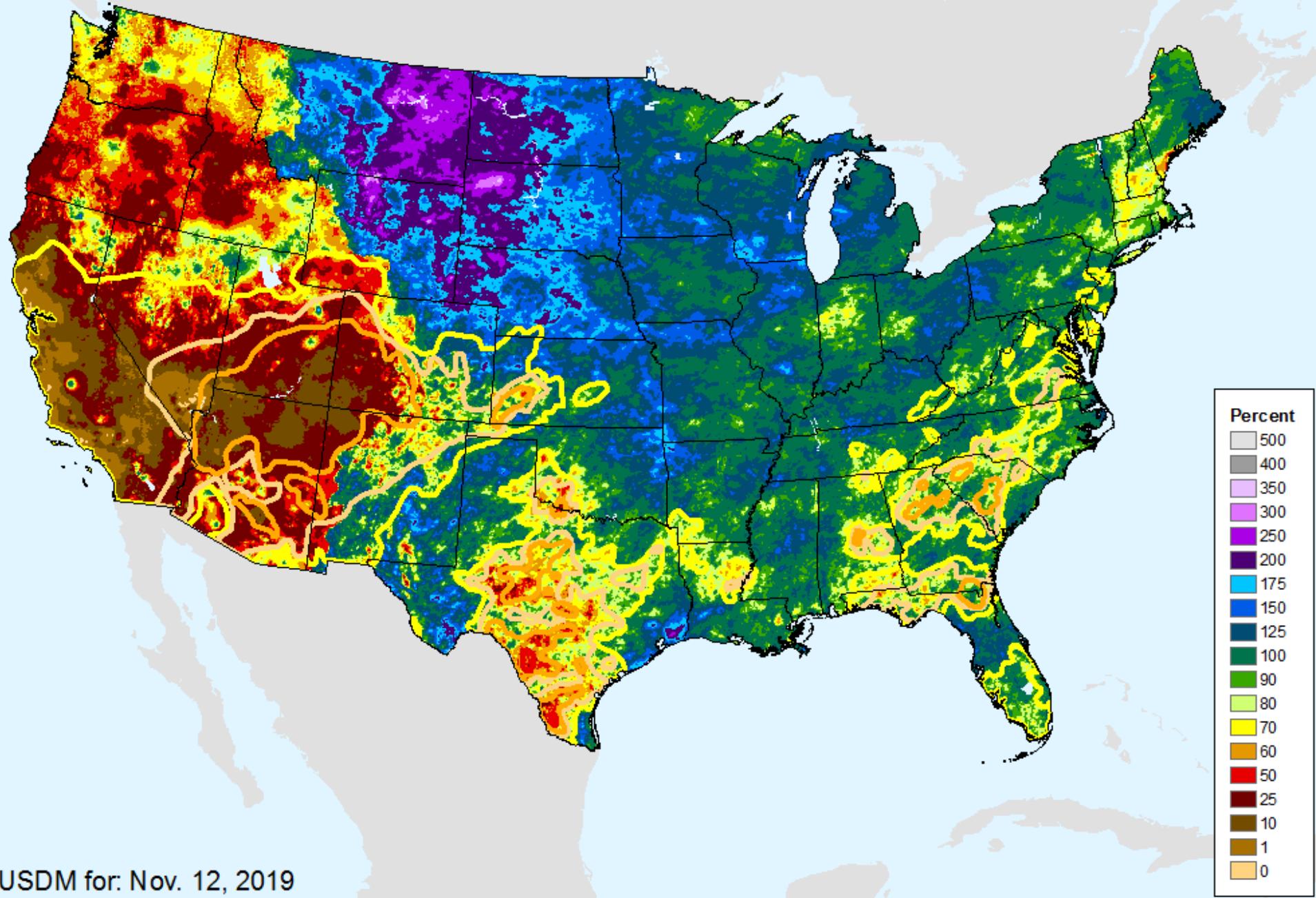
AHPS 180-Day Precip Departure

As of: Tuesday, November 19, 2019



AHPS 180-Day Pct of Normal Pcp

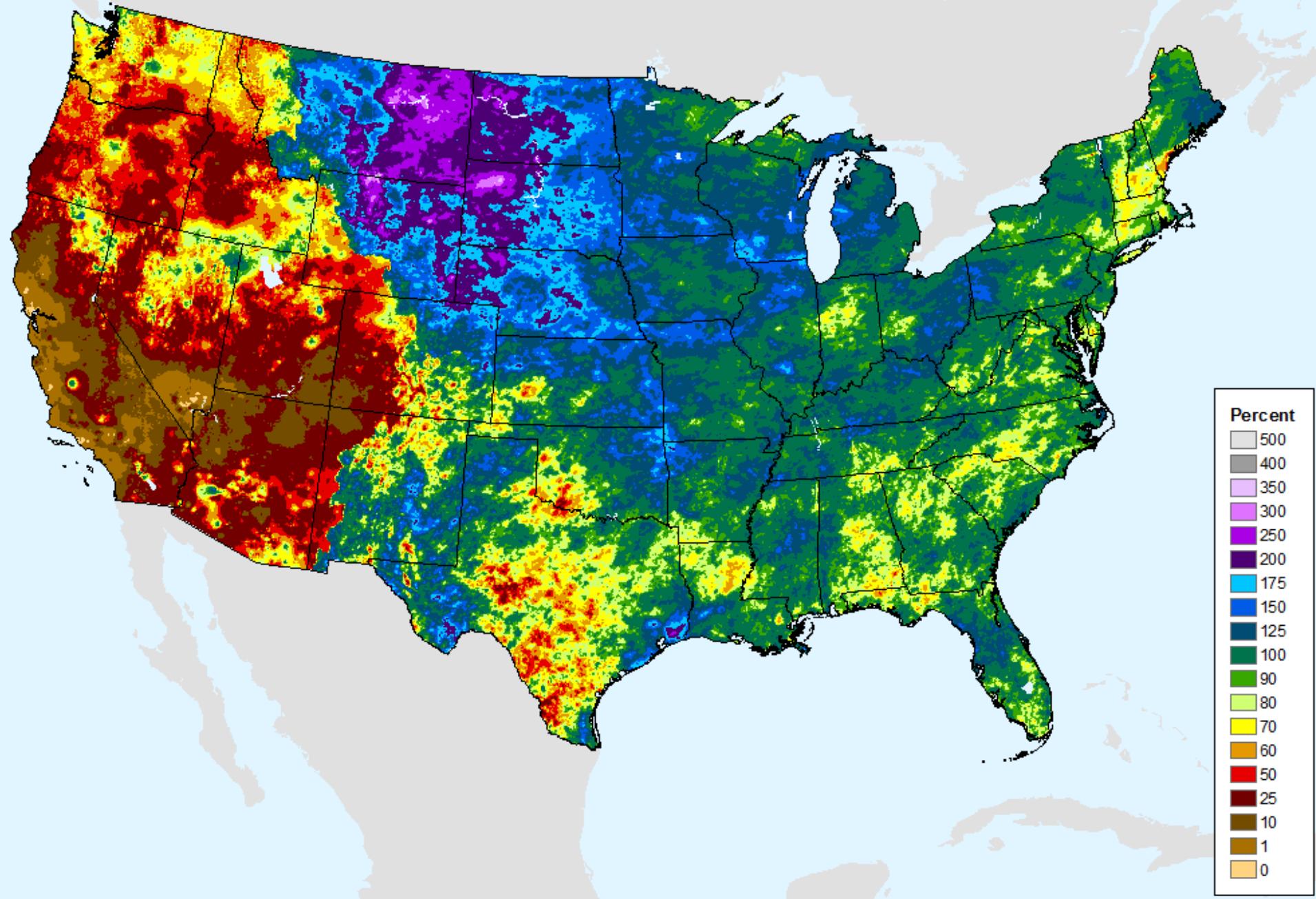
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

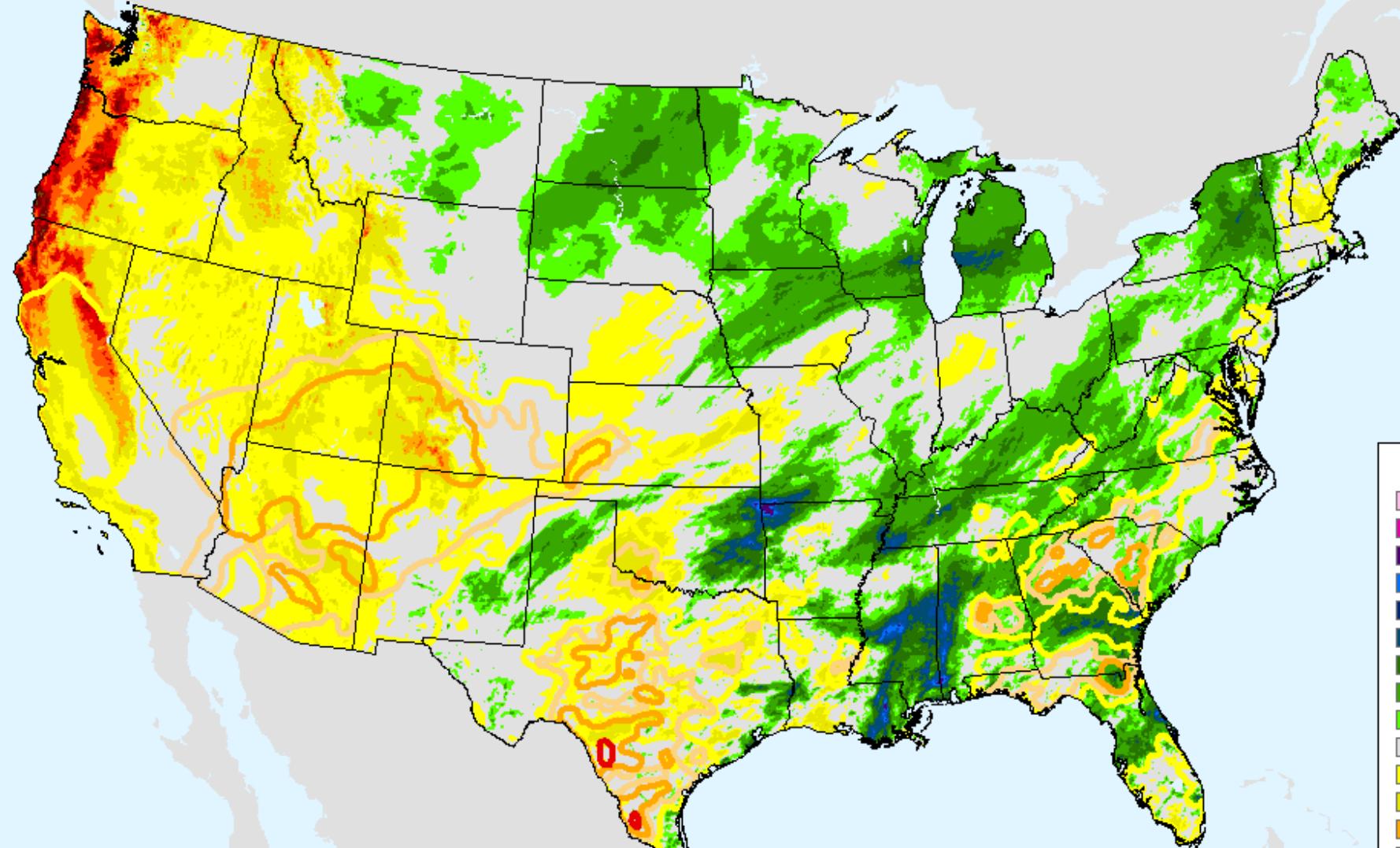
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, November 19, 2019



AHPS Water-Year Precip Departure

As of: Tuesday, November 19, 2019

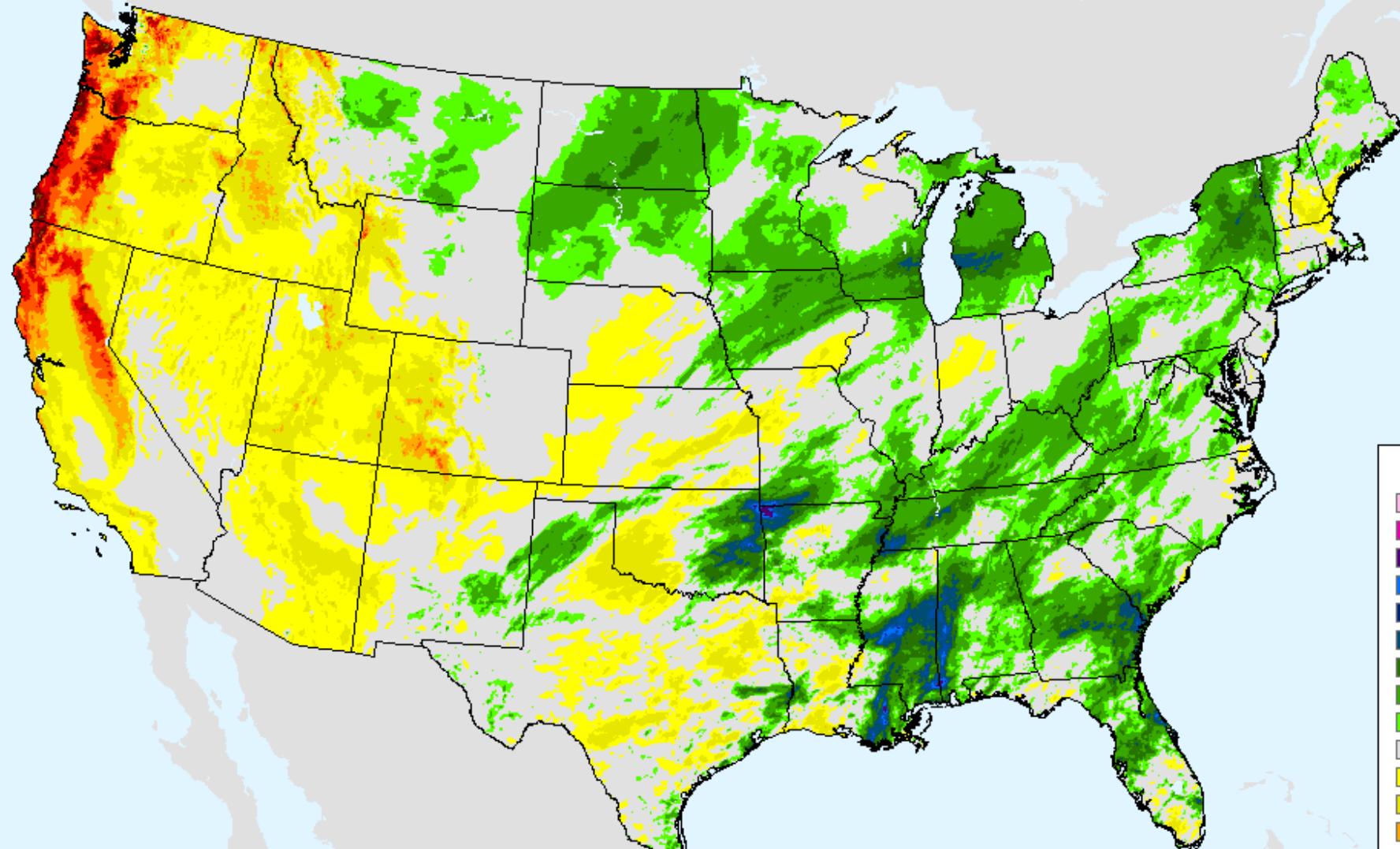


Inches
42 +
36
24
20
16
12
8
4
2
+/- 2
-2
-4
-8
-12
-16
-20
-24
-36
-48 +

USDM for: Nov. 12, 2019

AHPS Water-Year Precip Departure

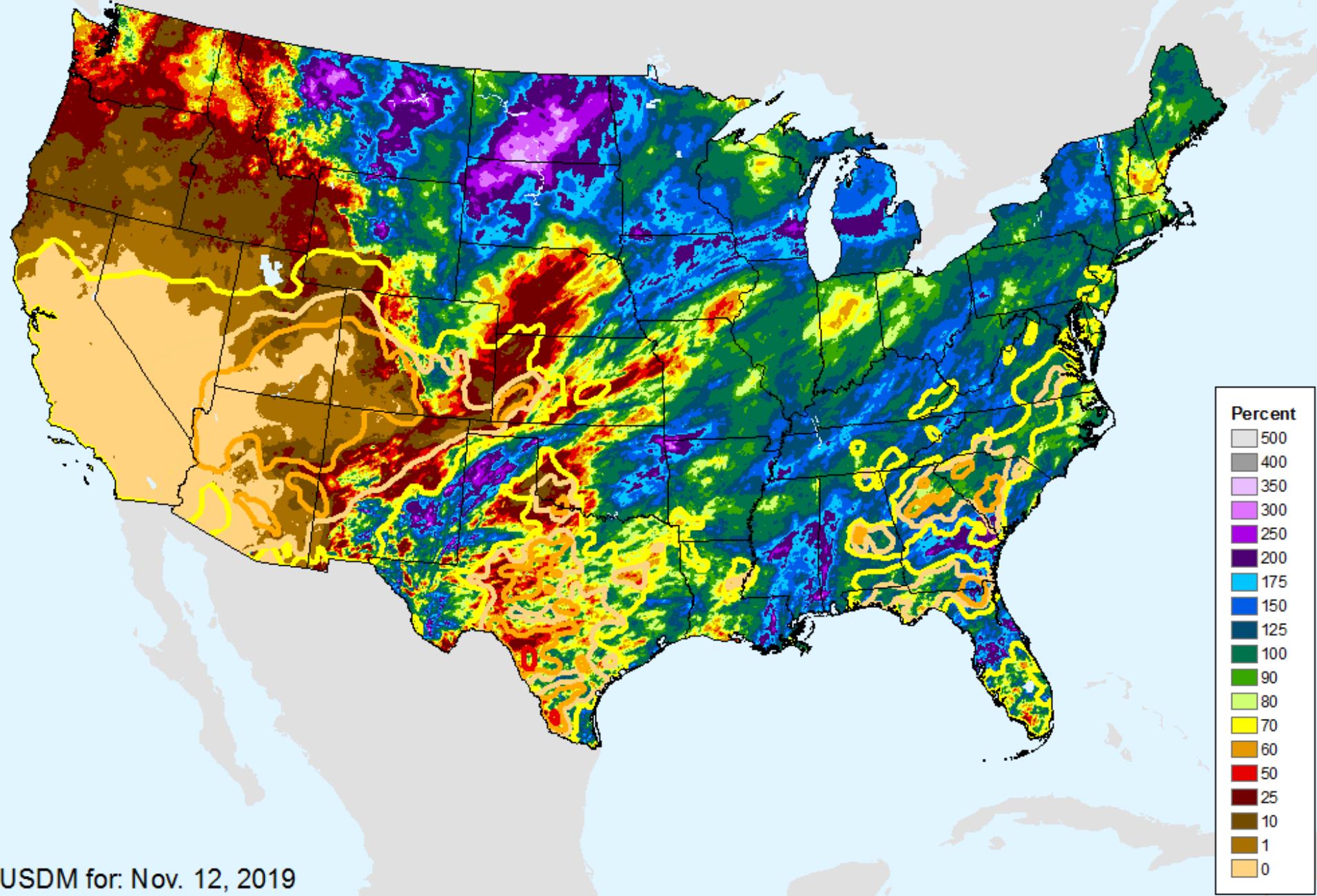
As of: Tuesday, November 19, 2019



Inches
42 +
36
24
20
16
12
8
4
2
+/- 2
-2
-4
-8
-12
-16
-20
-24
-36
-48 +

AHPS Water-Year Pct of Normal Pcp

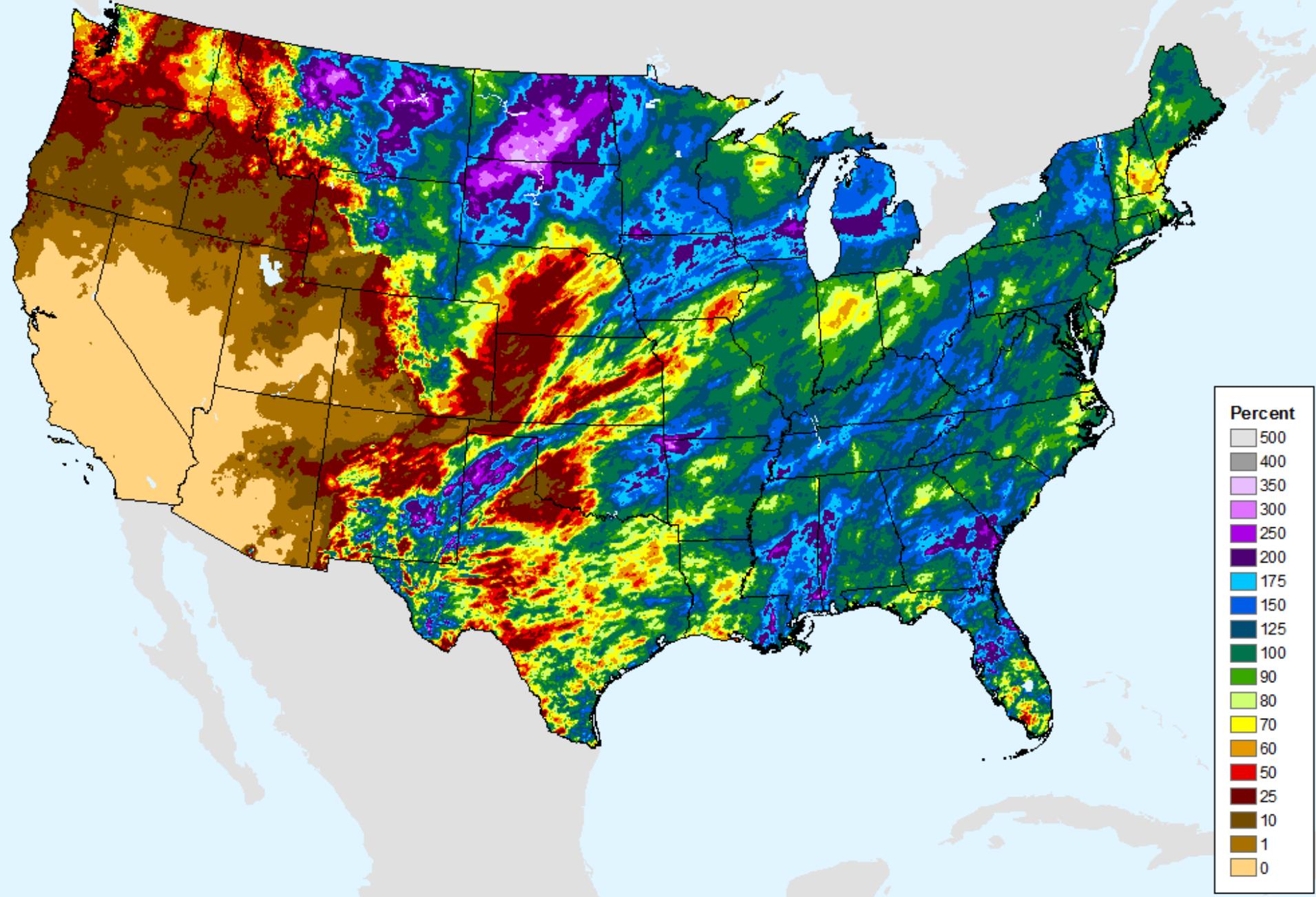
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

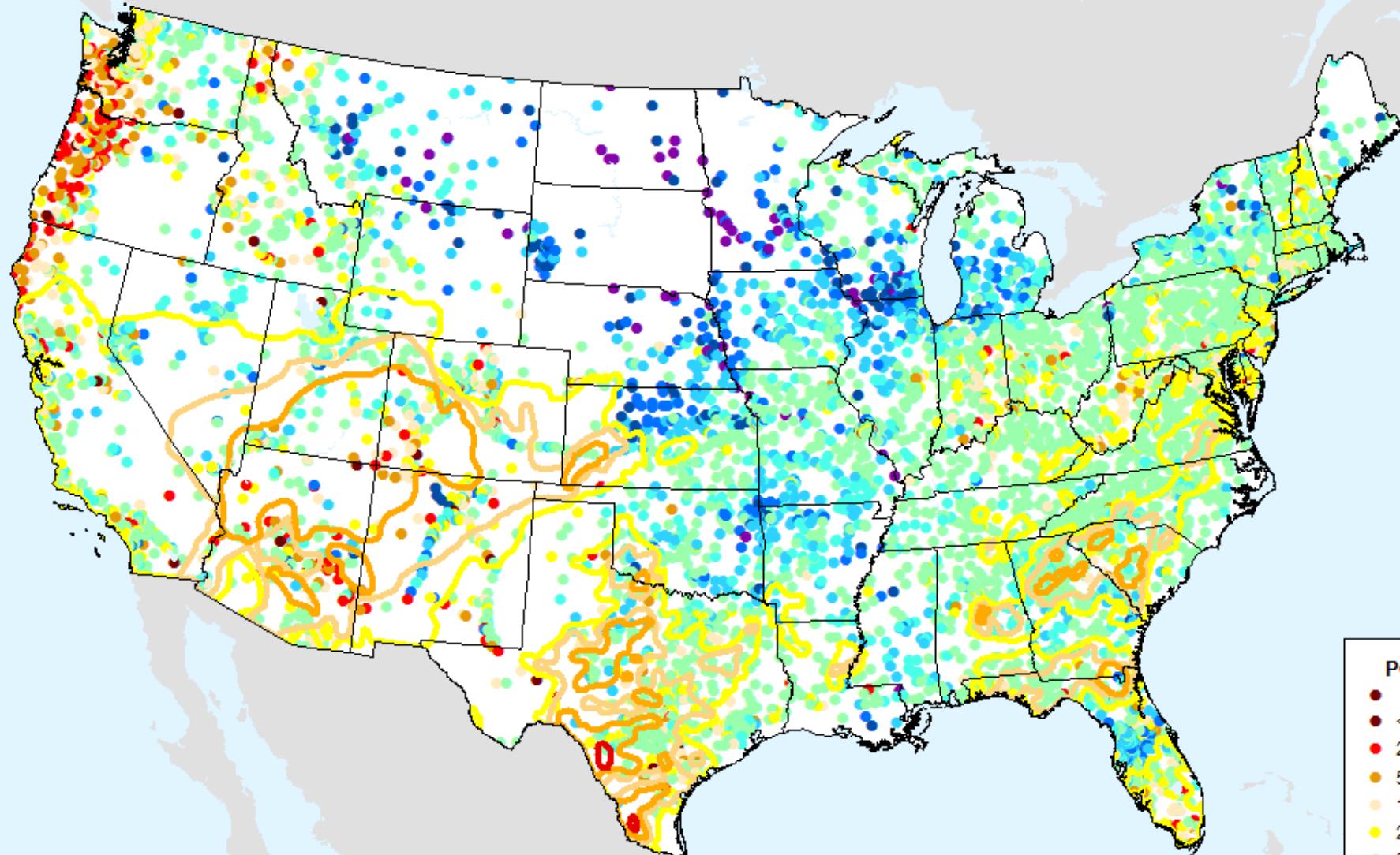
AHPS Water-Year Pct of Normal Pcp

As of: Tuesday, November 19, 2019



USGS 7-Day Avg Streamflow

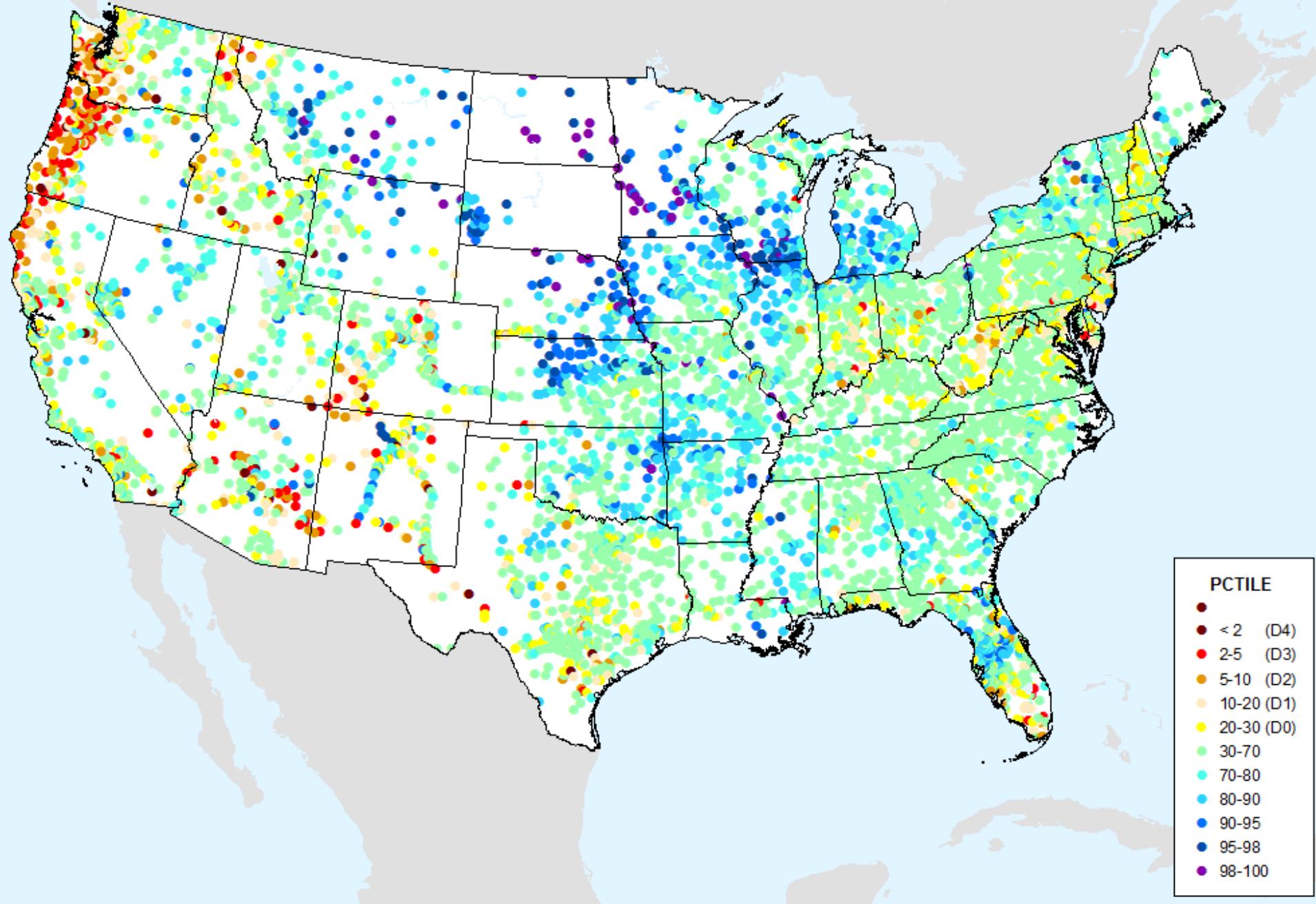
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

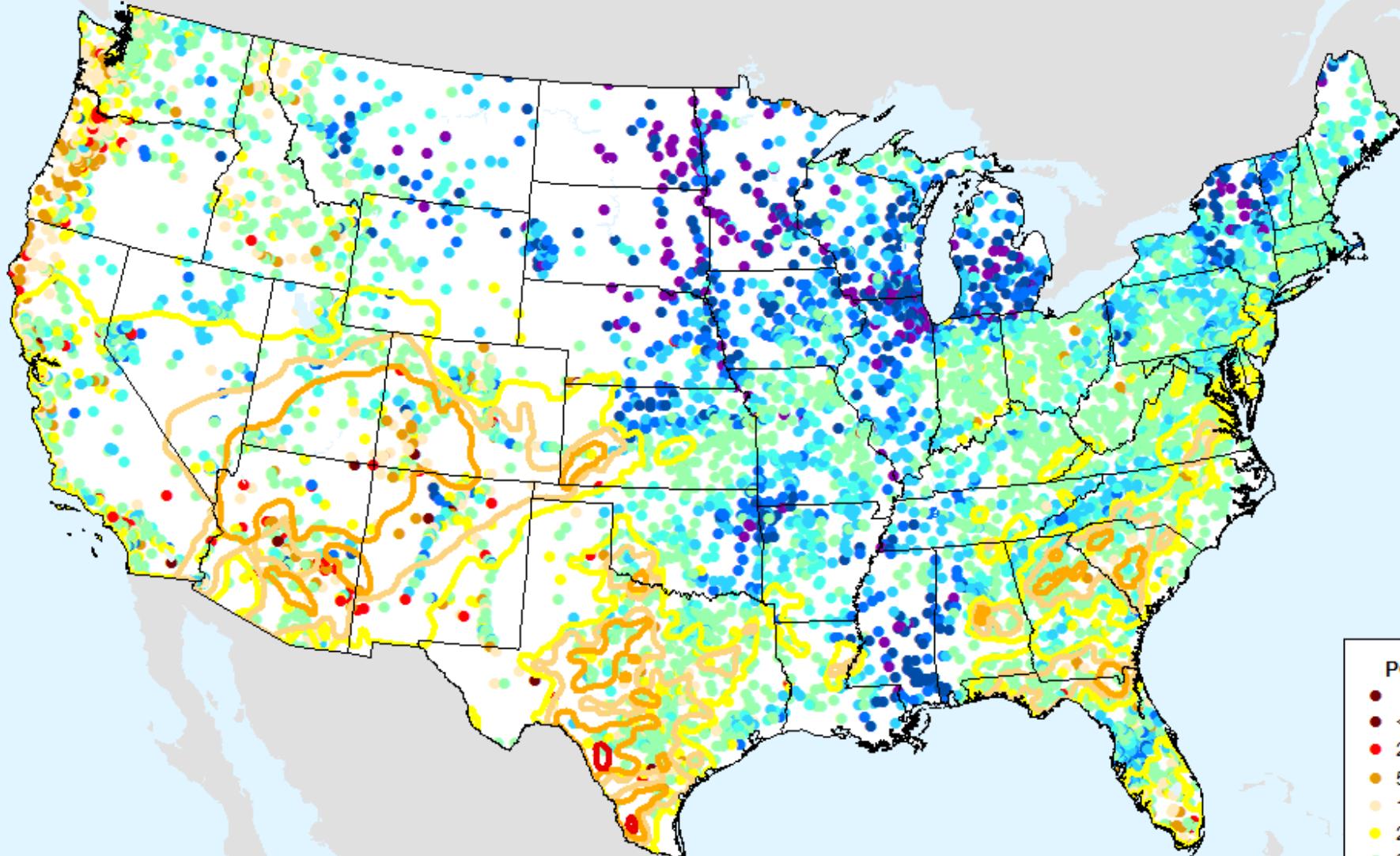
USGS 7-Day Avg Streamflow

As of: Tuesday, November 19, 2019



USGS 28-Day Avg Streamflow

As of: Tuesday, November 19, 2019

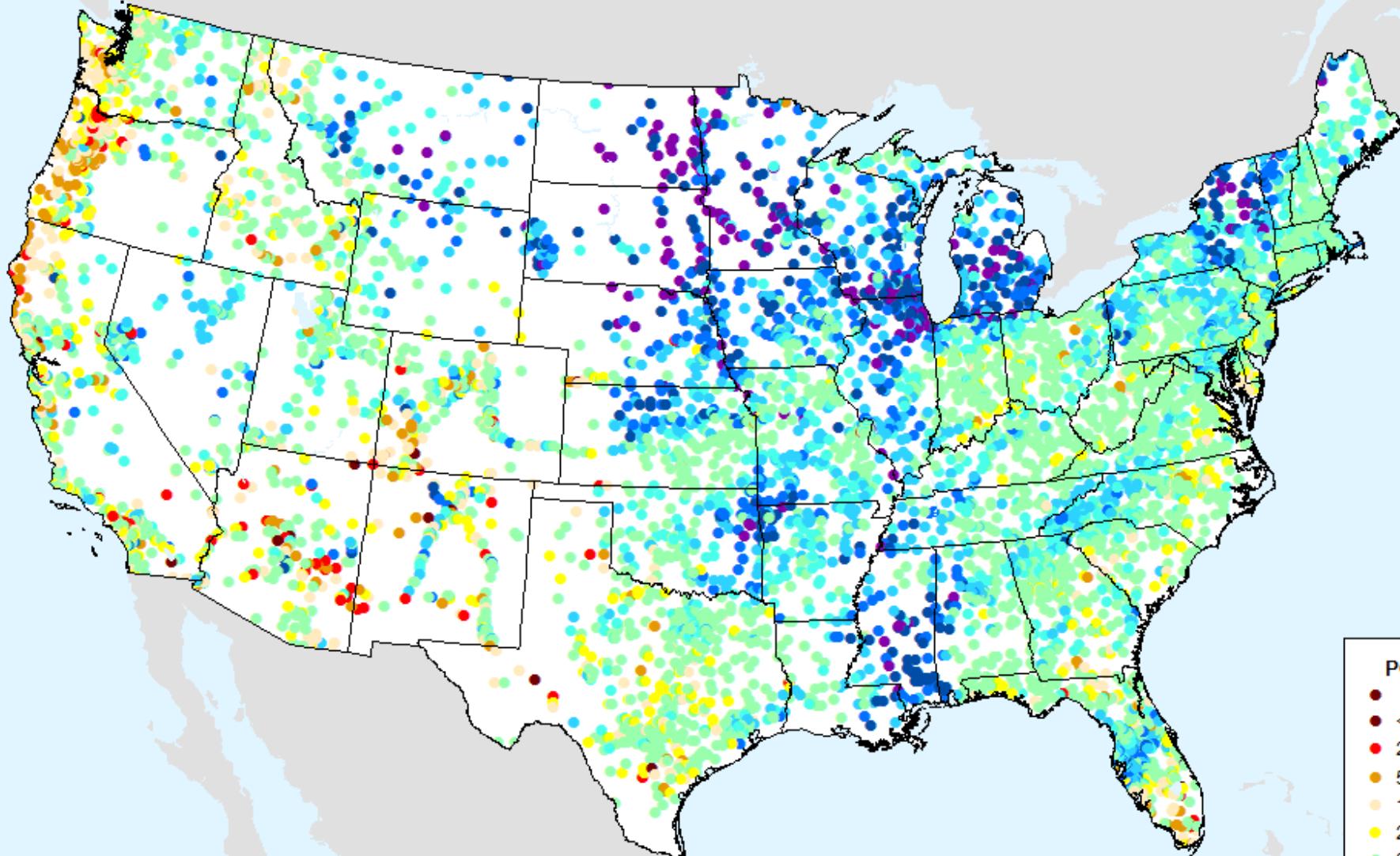


PCTILE
< 2 (D4)
2-5 (D3)
5-10 (D2)
10-20 (D1)
20-30 (D0)
30-70
70-80
80-90
90-95
95-98
98-100

USDM for: Nov. 12, 2019

USGS 28-Day Avg Streamflow

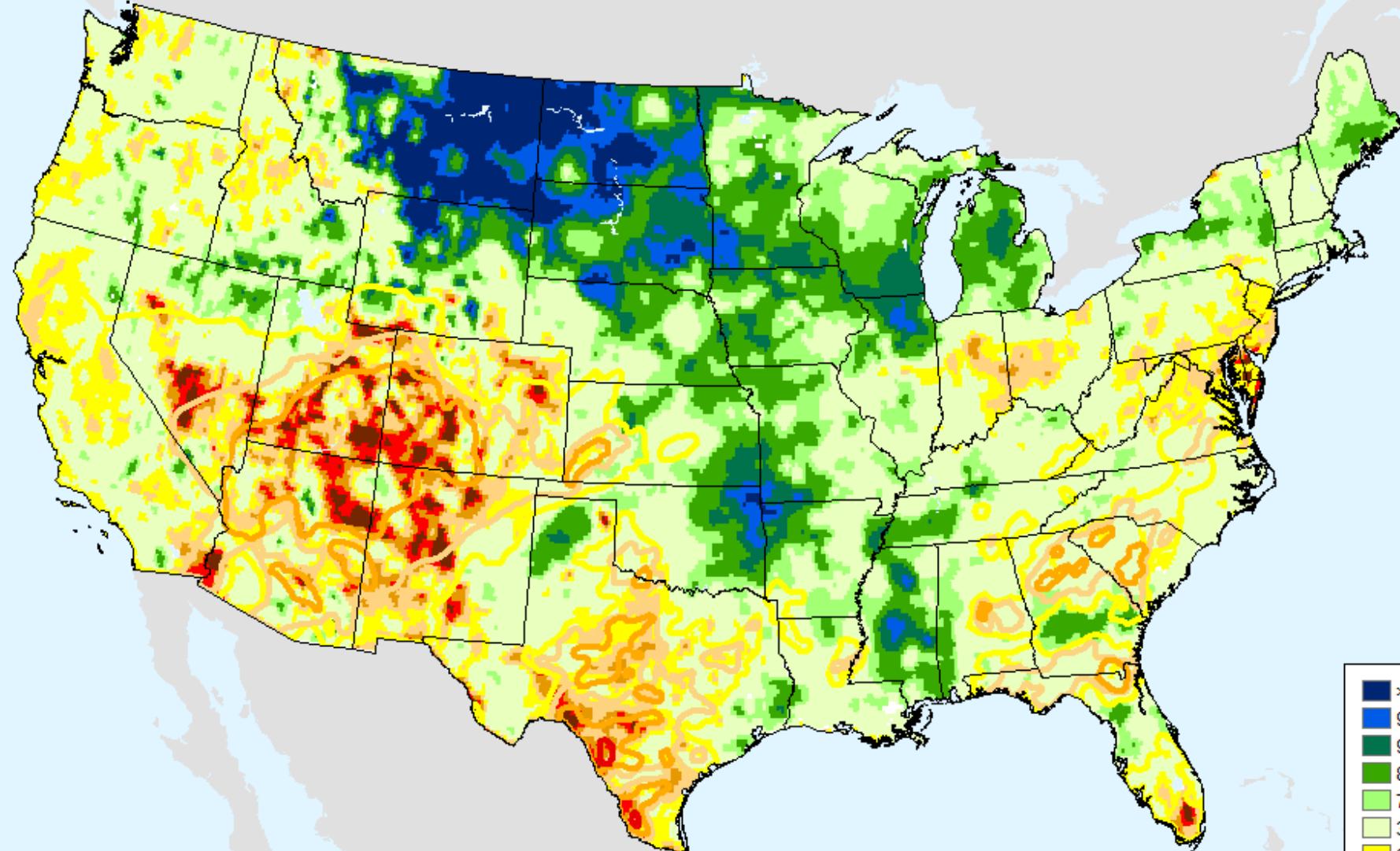
As of: Tuesday, November 19, 2019



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

NLDAS Top 1m Soil Moisture

As of: Tuesday, November 19, 2019

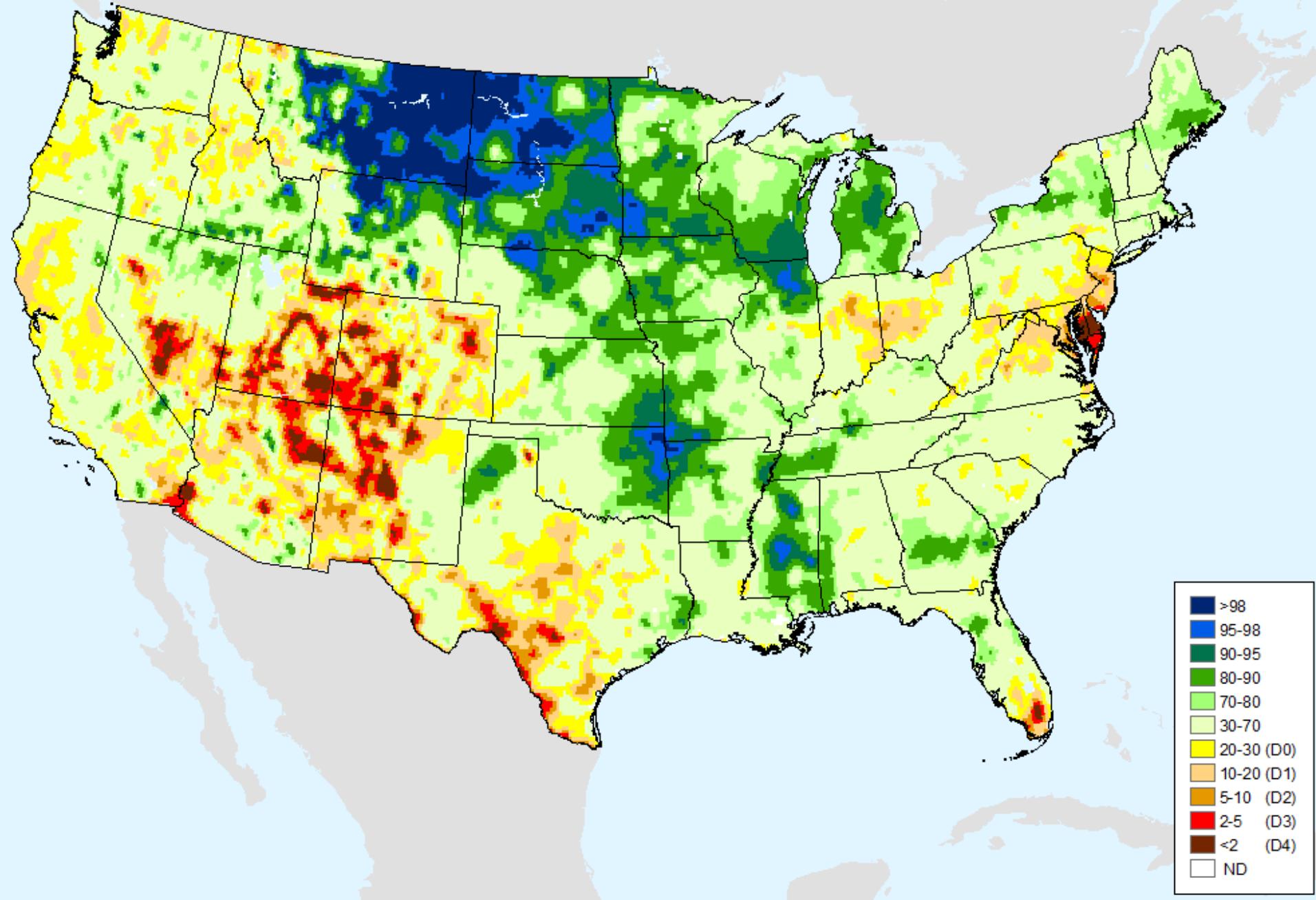


■	>98
■	95-98
■	90-95
■	80-90
■	70-80
■	30-70
■	20-30 (D0)
■	10-20 (D1)
■	5-10 (D2)
■	2-5 (D3)
■	<2 (D4)
■	ND

USDM for: Nov. 12, 2019

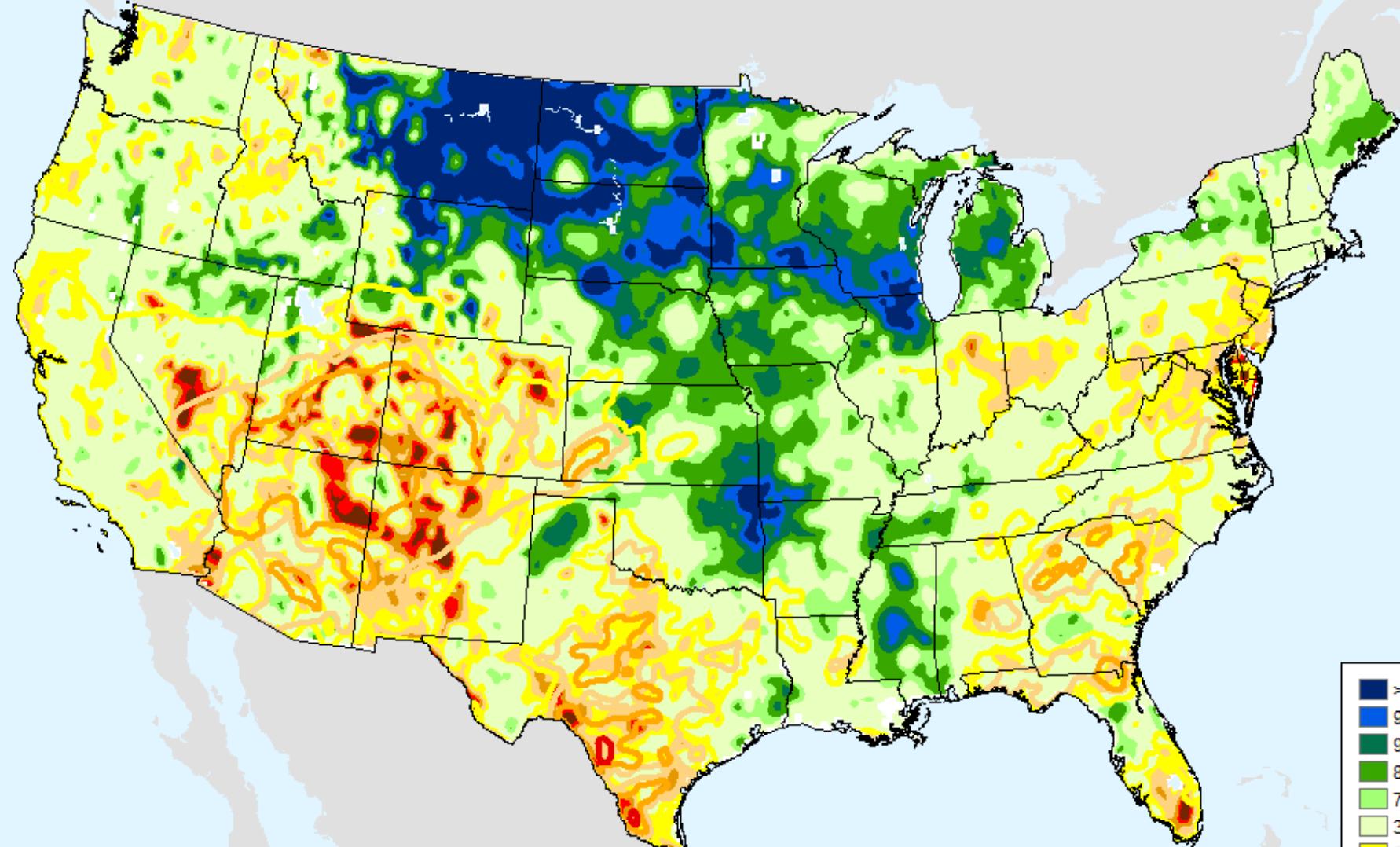
NLDAS Top 1m Soil Moisture

As of: Tuesday, November 19, 2019



NLDAS Total Column Soil Moisture

As of: Tuesday, November 19, 2019

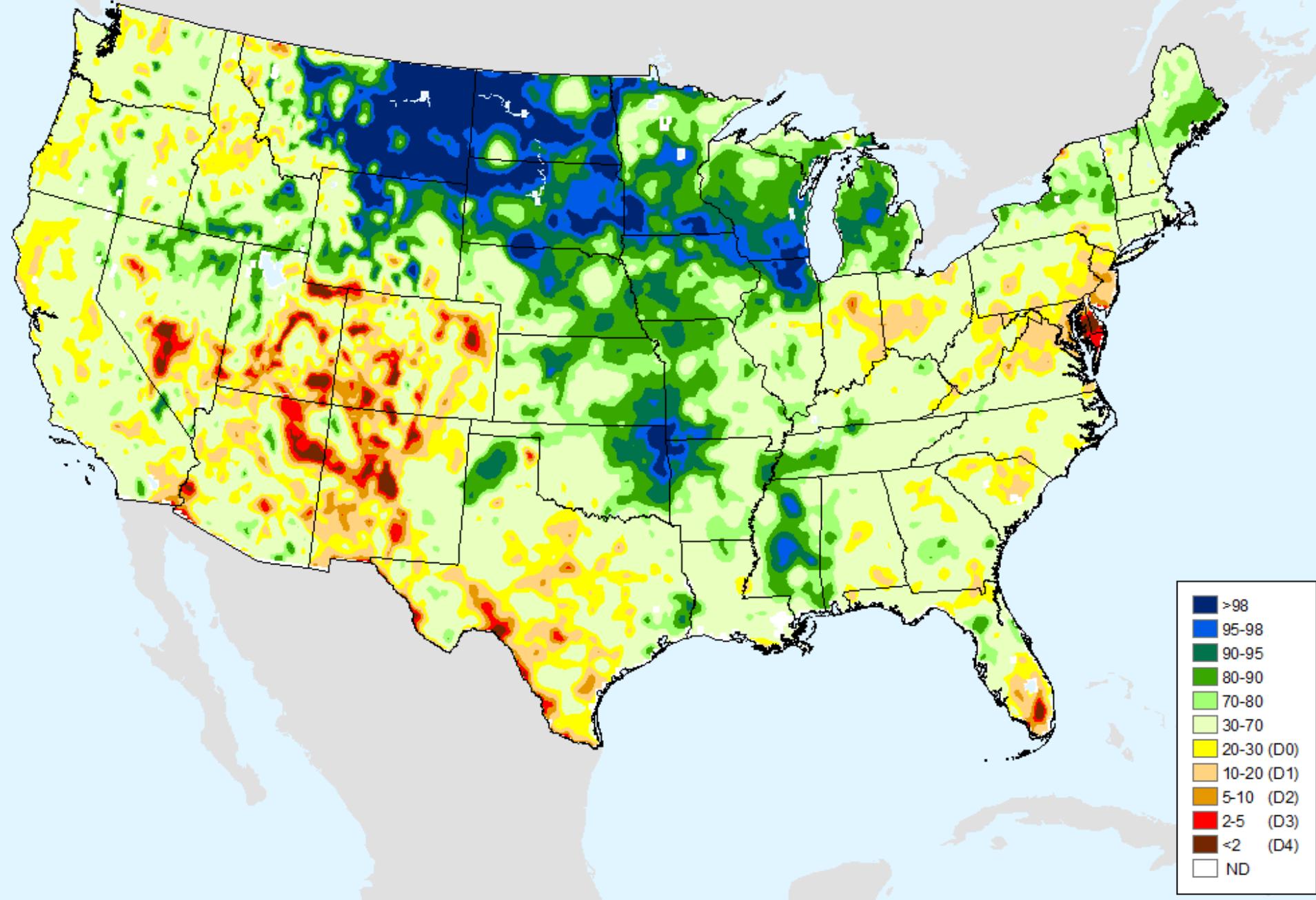


>98
95-98
90-95
80-90
70-80
30-70
20-30 (D0)
10-20 (D1)
5-10 (D2)
2-5 (D3)
<2 (D4)
ND

USDM for: Nov. 12, 2019

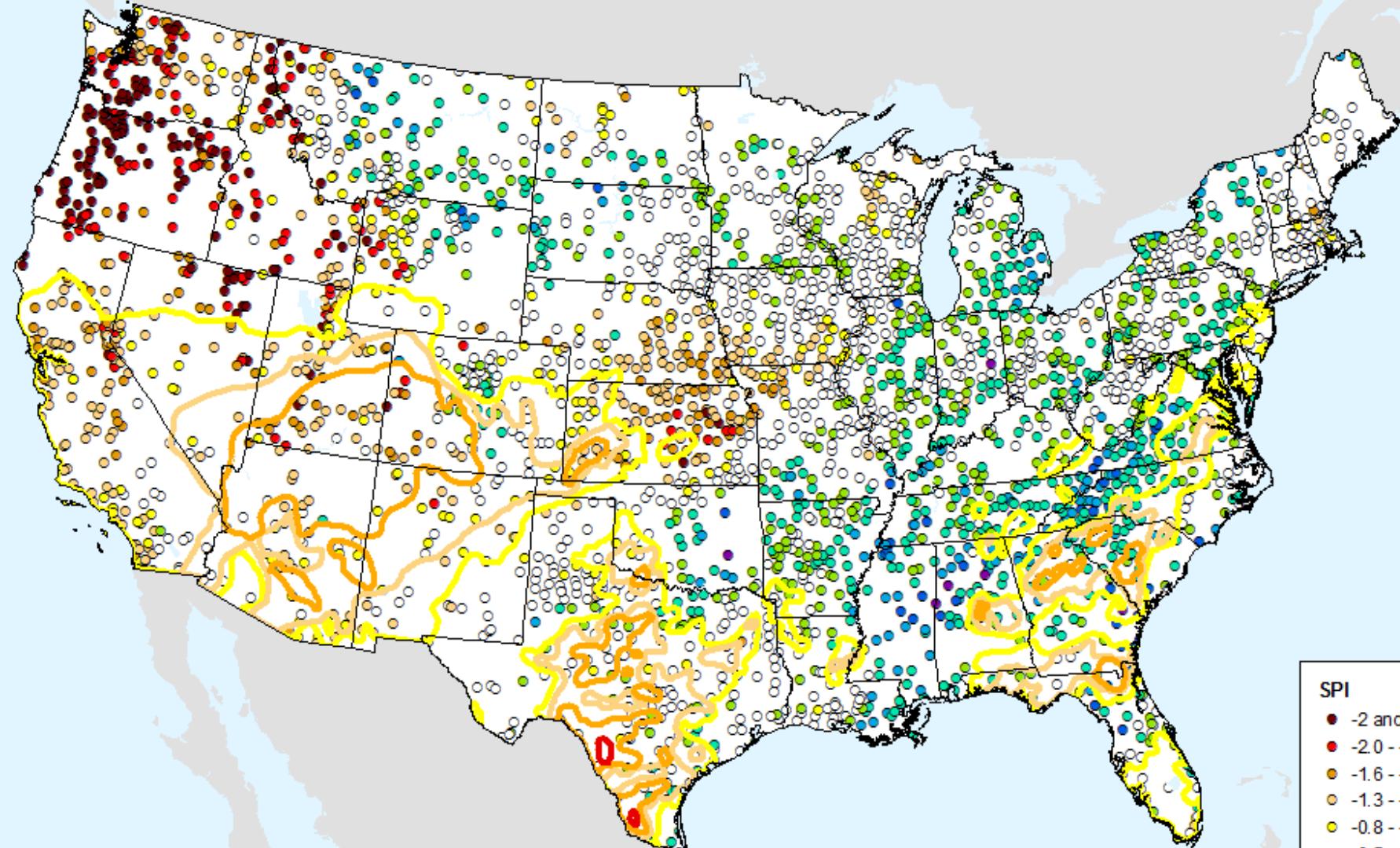
NLDAS Total Column Soil Moisture

As of: Tuesday, November 19, 2019



HPRCC 1-month SPI

As of: Tuesday, November 19, 2019

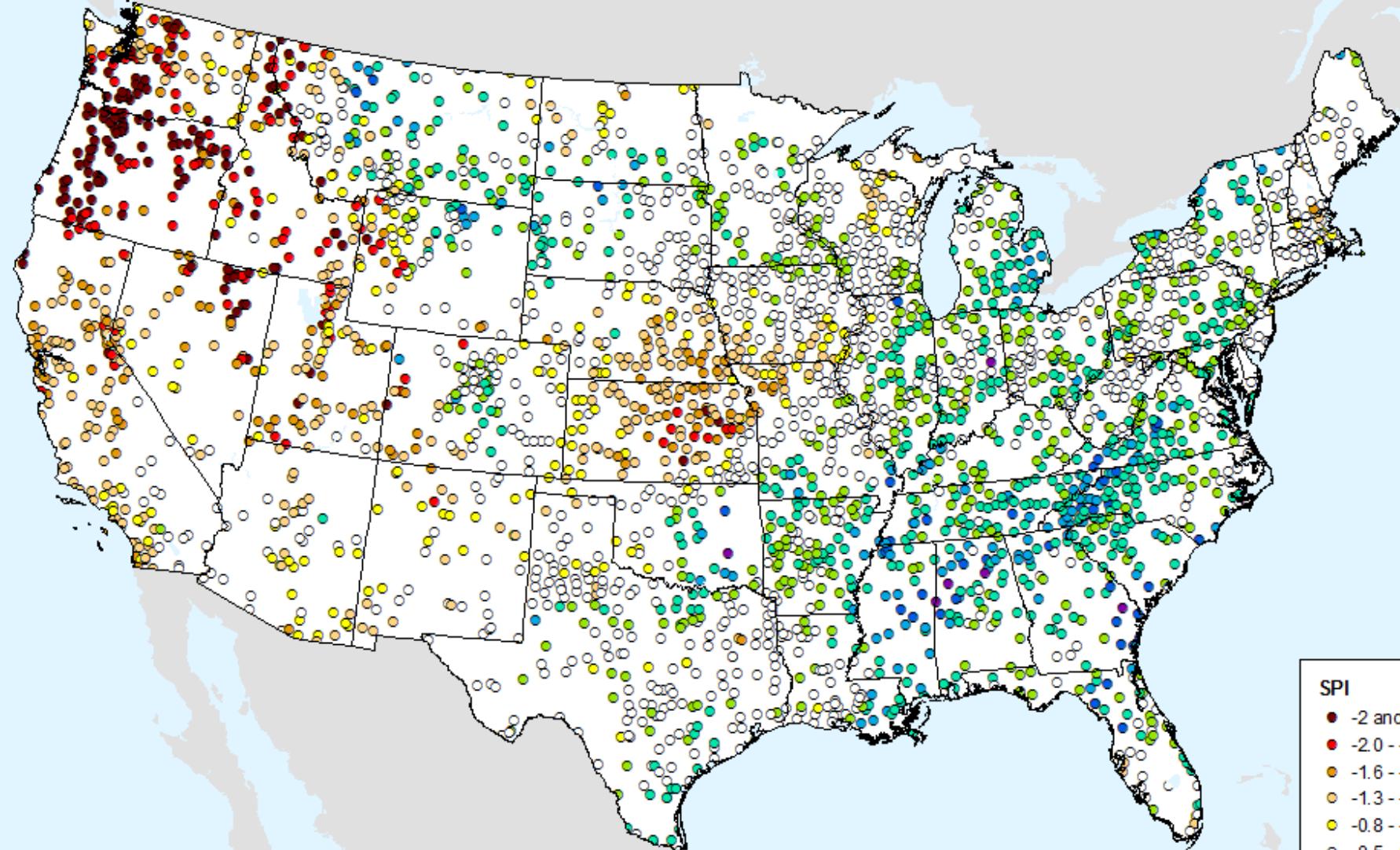


SPI
-2 and Greater
-2.0--1.6
-1.6--1.3
-1.3--0.8
-0.8--0.5
-0.5-0.5
0.5-0.8
0.8-1.3
1.3-1.6
1.6-2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC 1-month SPI

As of: Tuesday, November 19, 2019

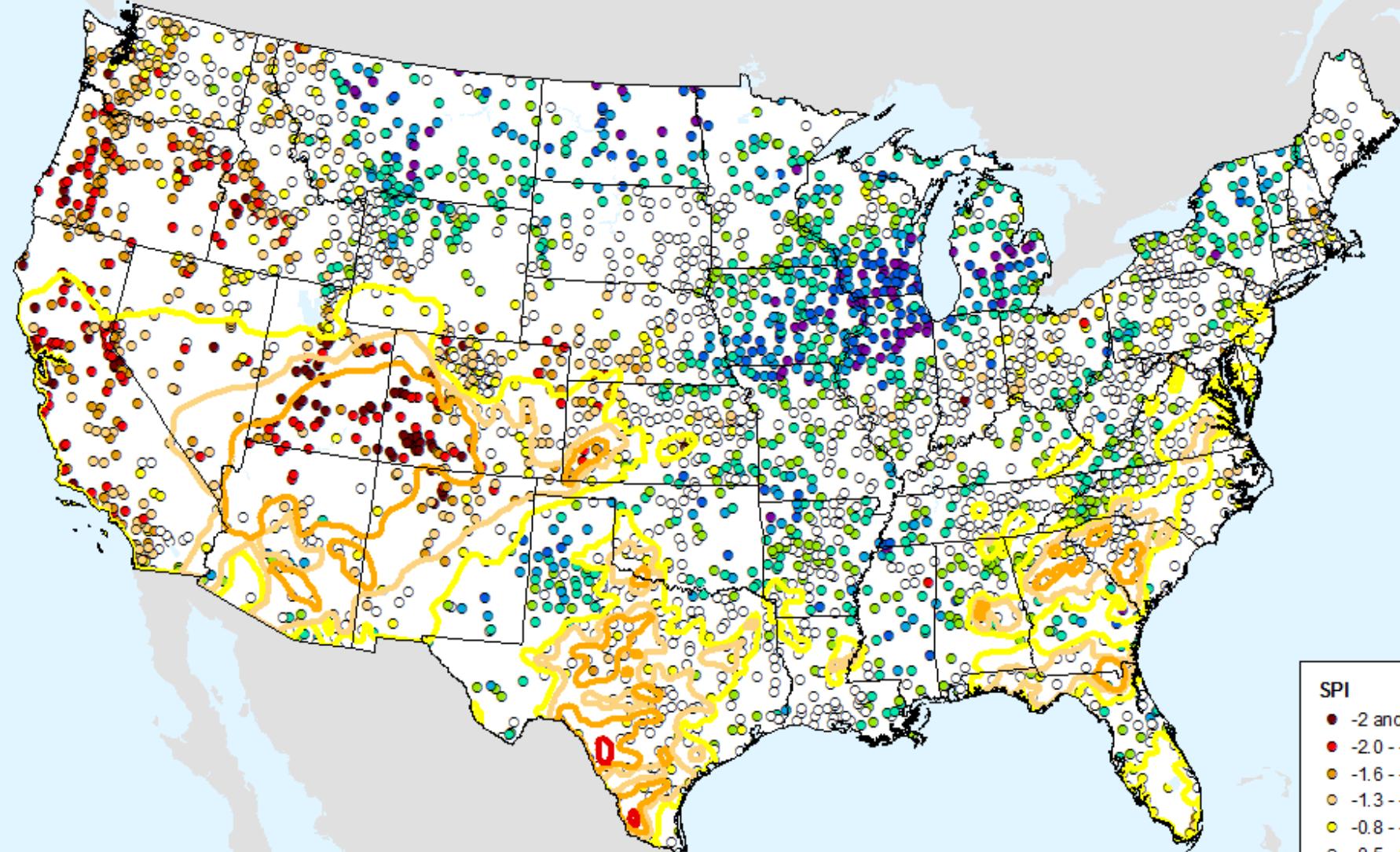


SPI

- -2 and Greater
- -2.0 -- -1.6
- -1.6 -- -1.3
- -1.3 -- -0.8
- -0.8 -- -0.5
- -0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

HPRCC 2-month SPI

As of: Tuesday, November 19, 2019

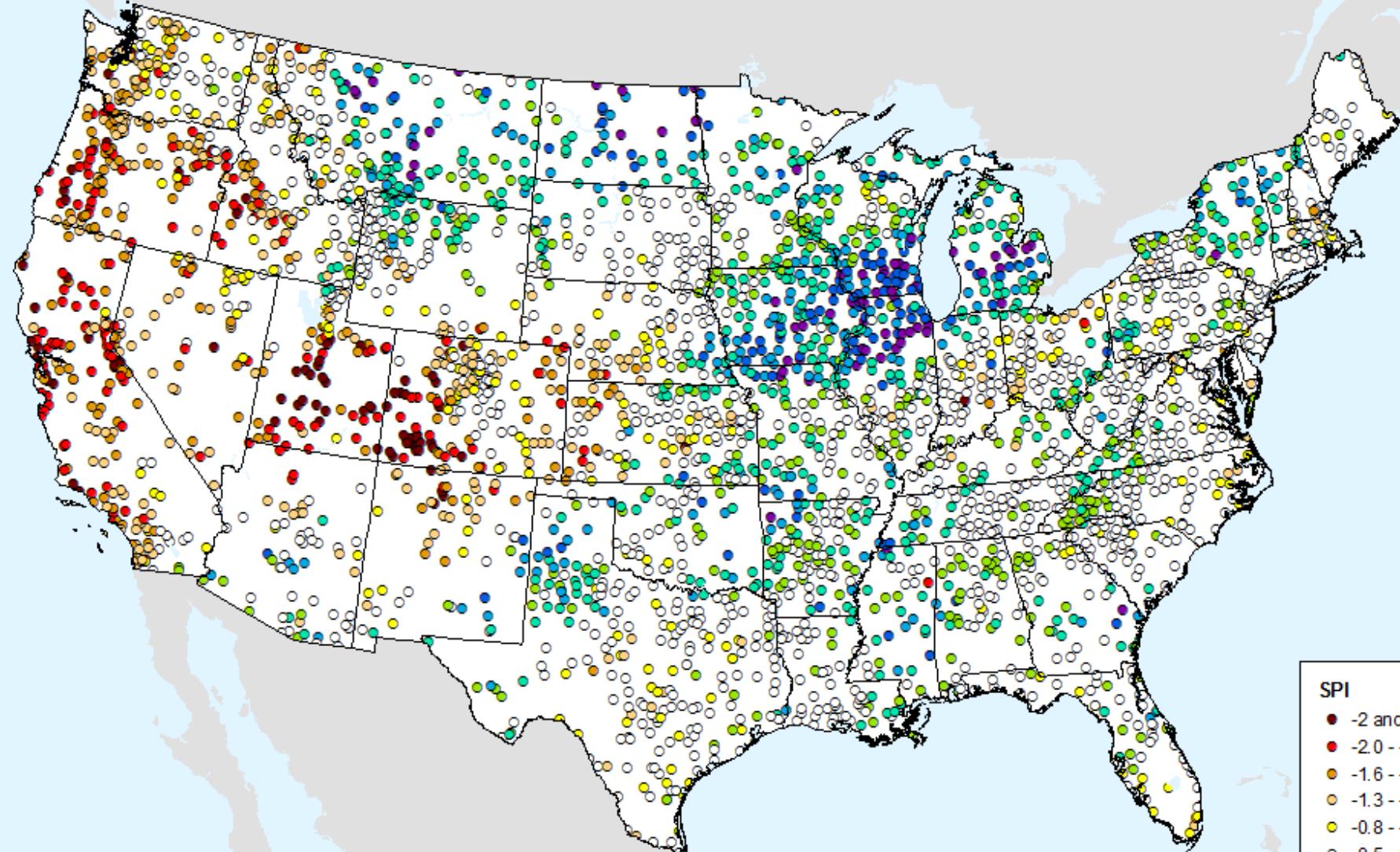


SPI
-2 and Greater
-2.0--1.6
-1.6--1.3
-1.3--0.8
-0.8--0.5
-0.5-0.5
0.5-0.8
0.8-1.3
1.3-1.6
1.6-2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC 2-month SPI

As of: Tuesday, November 19, 2019

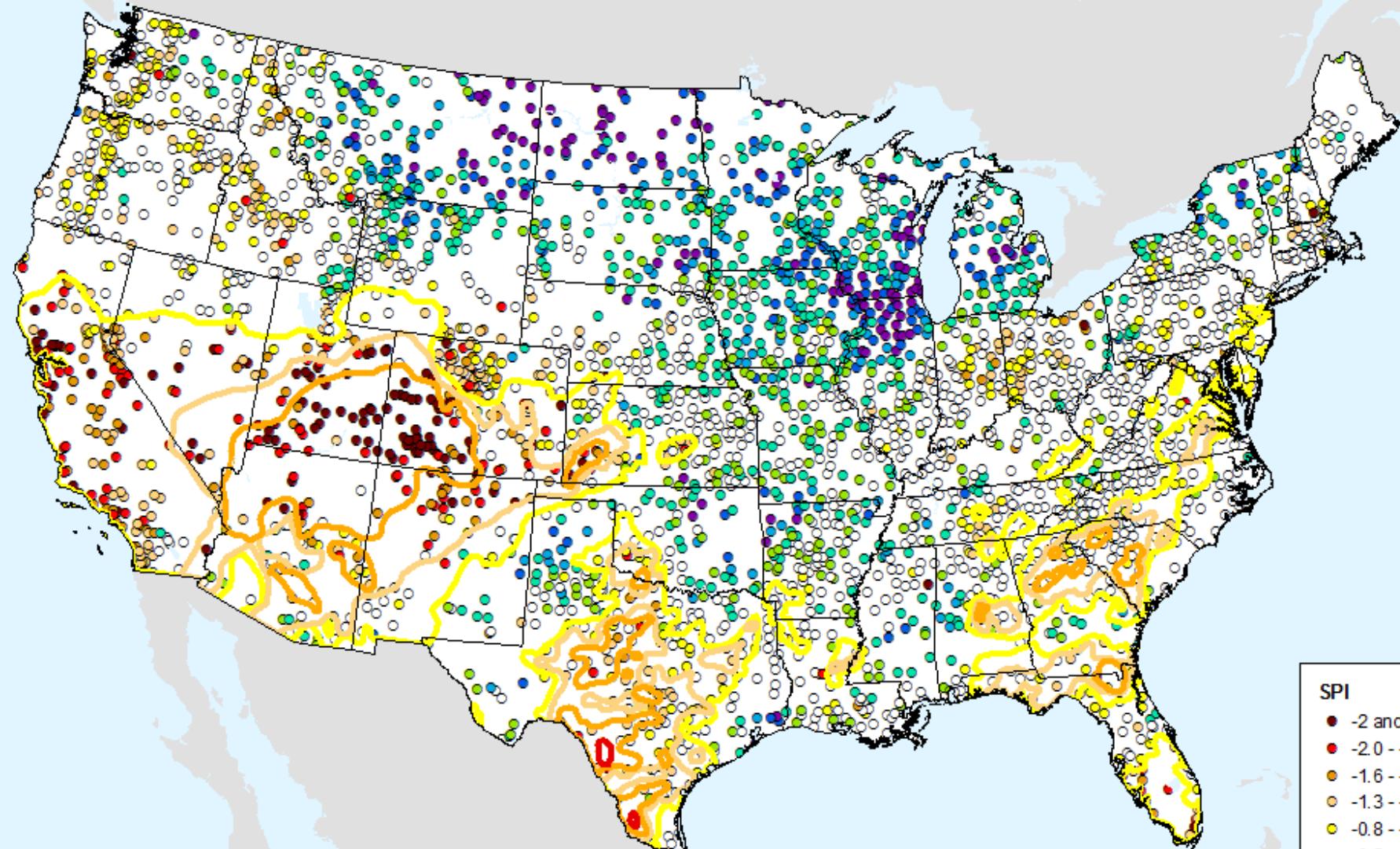


SPI

- -2 and Greater
- -2.0 -- -1.6
- -1.6 -- -1.3
- -1.3 -- -0.8
- -0.8 -- -0.5
- -0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

HPRCC 3-month SPI

As of: Tuesday, November 19, 2019

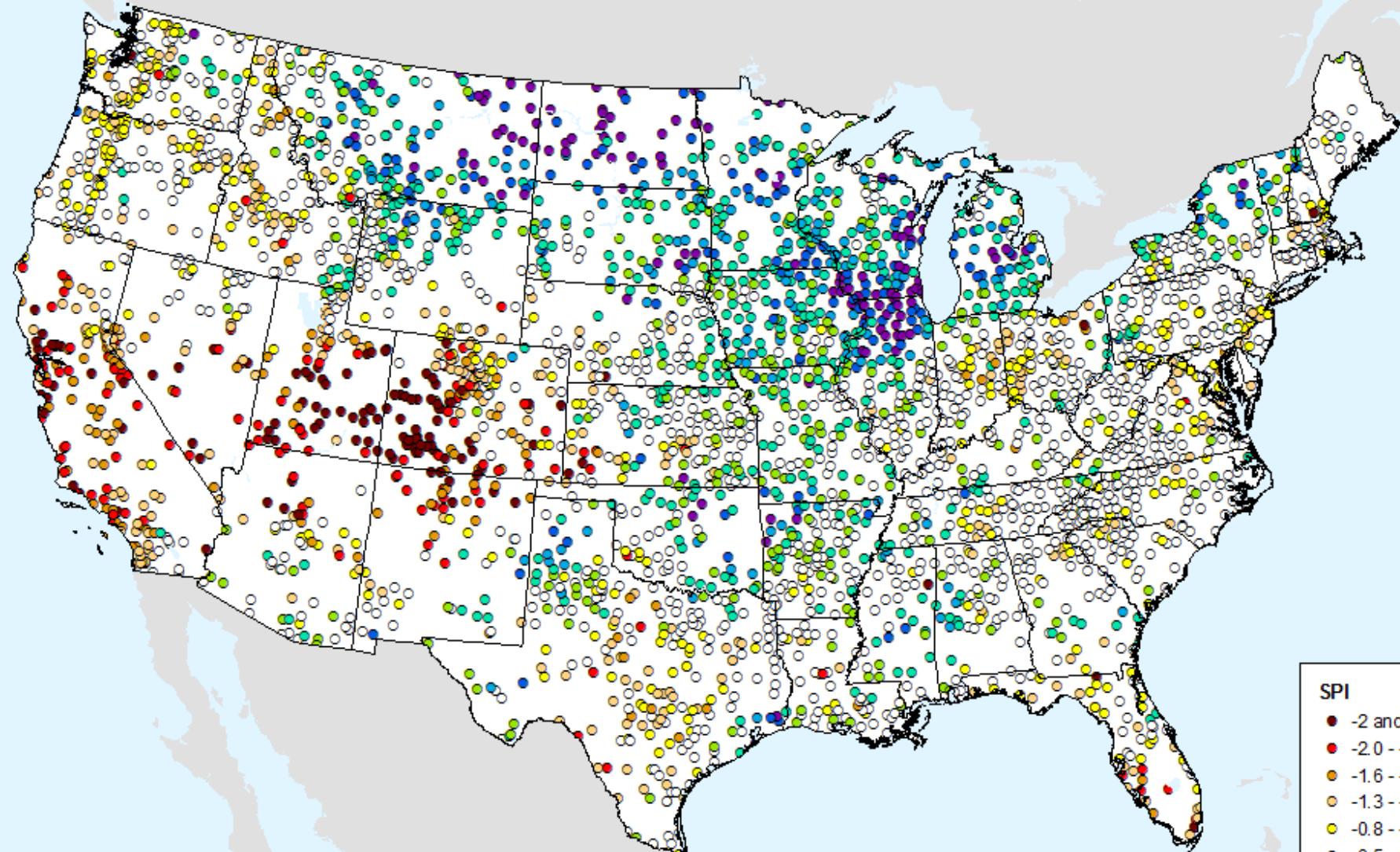


SPI
-2 and Greater
-2.0 -- -1.6
-1.6 -- -1.3
-1.3 -- -0.8
-0.8 -- -0.5
-0.5 - 0.5
0.5 - 0.8
0.8 - 1.3
1.3 - 1.6
1.6 - 2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC 3-month SPI

As of: Tuesday, November 19, 2019

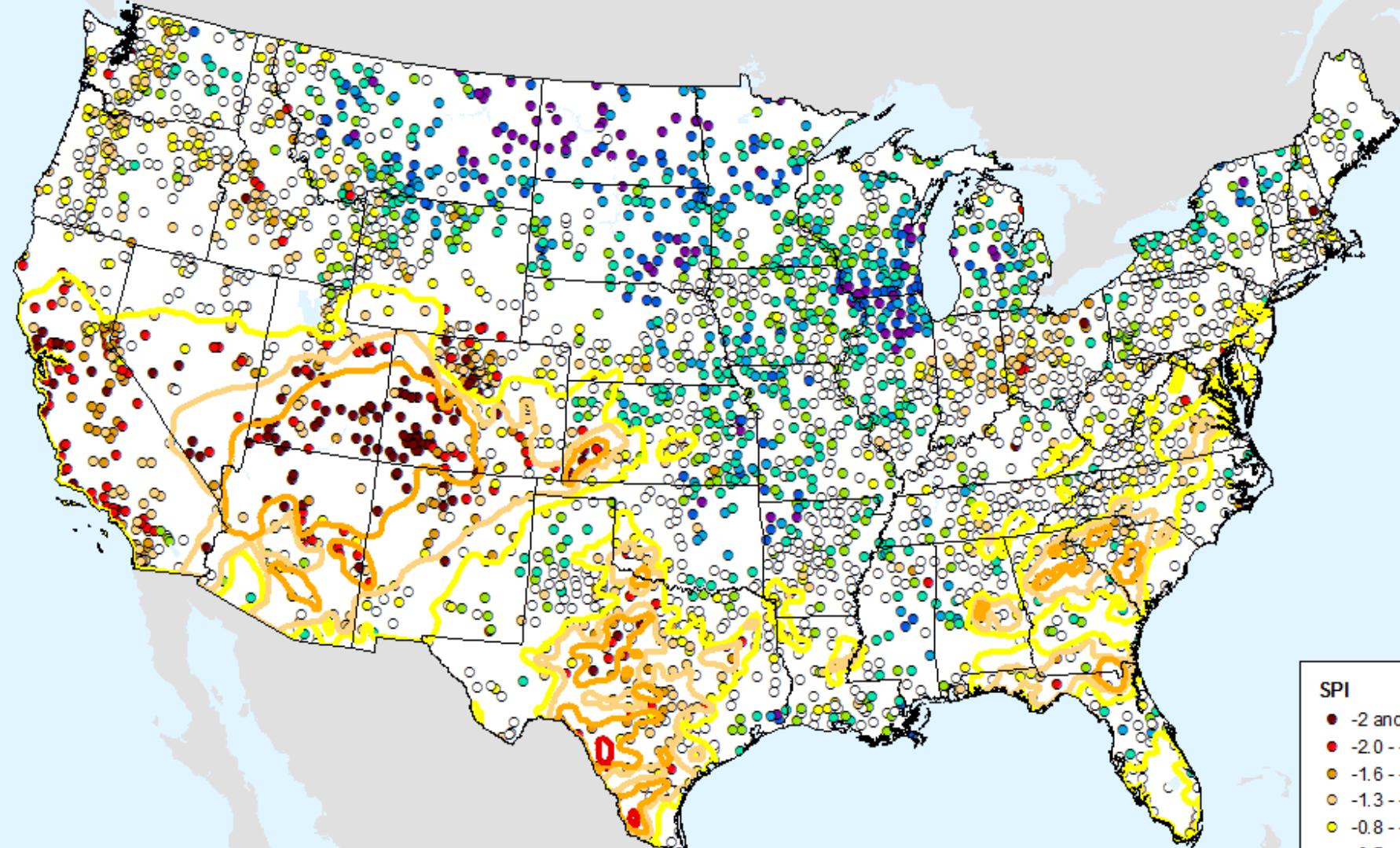


SPI

- 2 and Greater
- 2.0 -- -1.6
- 1.6 -- -1.3
- 1.3 -- -0.8
- 0.8 -- -0.5
- 0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

HPRCC 4-month SPI

As of: Tuesday, November 19, 2019

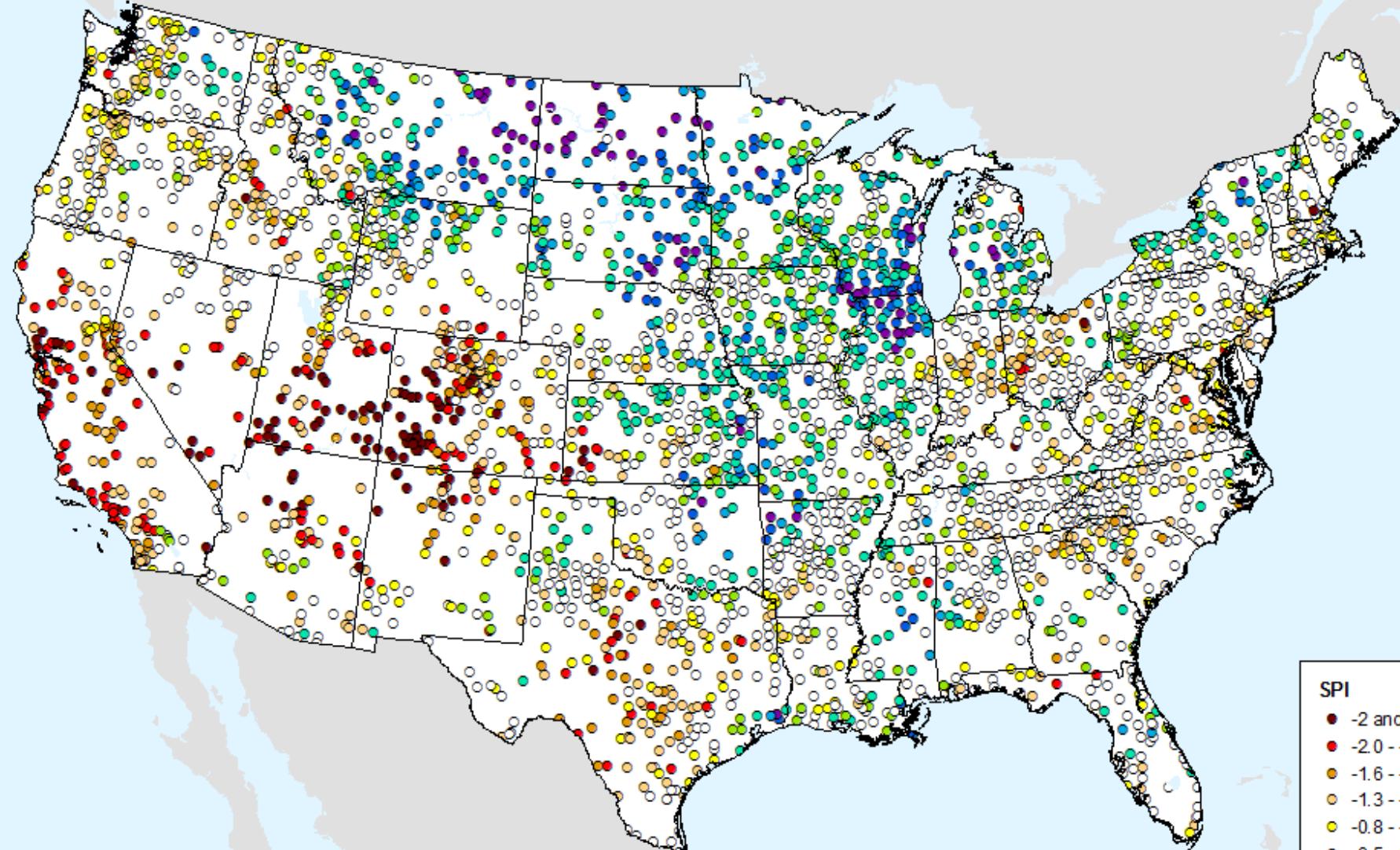


SPI
-2 and Greater
-2.0--1.6
-1.6--1.3
-1.3--0.8
-0.8--0.5
-0.5-0.5
0.5-0.8
0.8-1.3
1.3-1.6
1.6-2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC 4-month SPI

As of: Tuesday, November 19, 2019

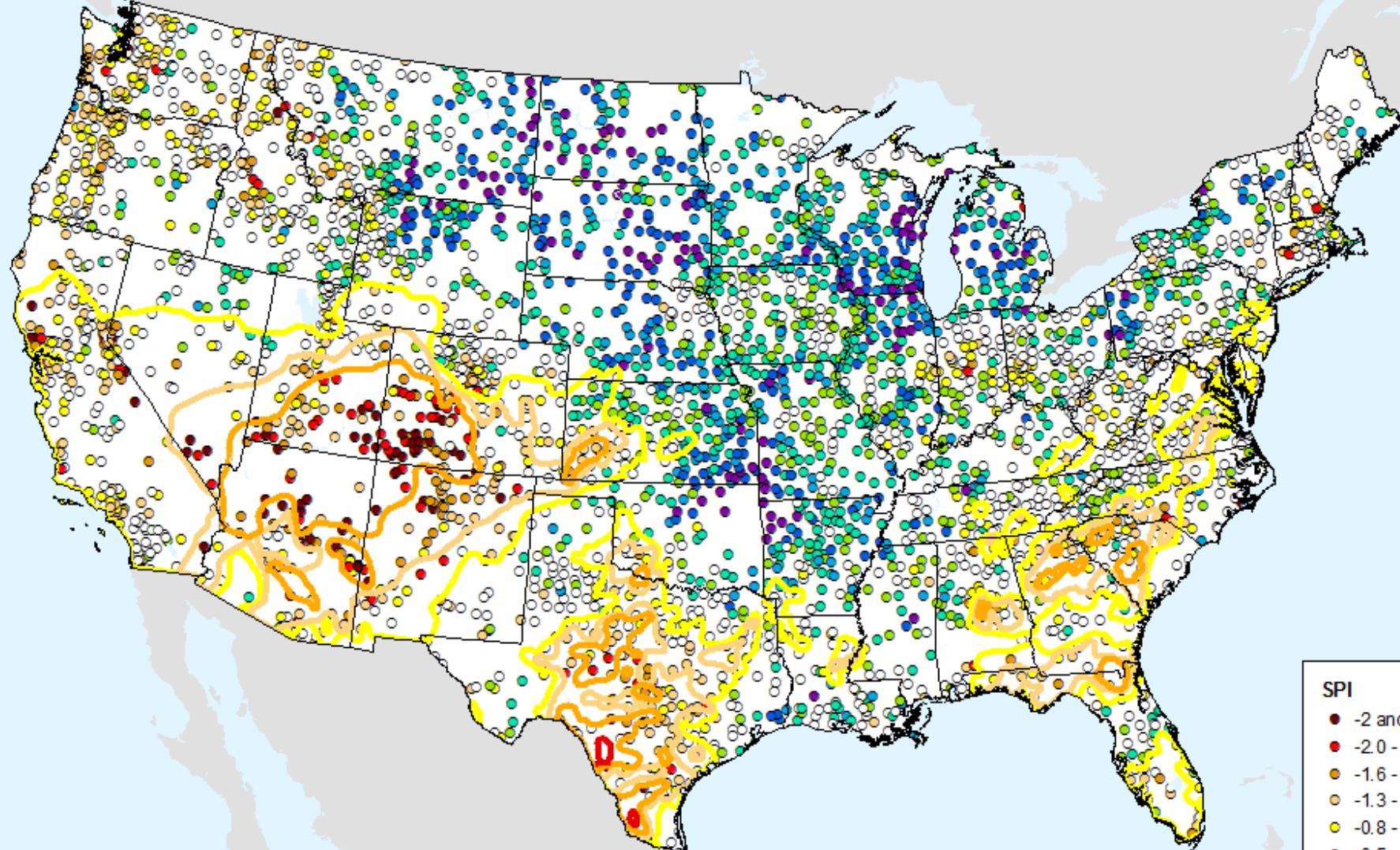


SPI

- 2 and Greater
- 2.0 -- -1.6
- 1.6 -- -1.3
- 1.3 -- -0.8
- 0.8 -- -0.5
- 0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

HPRCC 6-month SPI

As of: Tuesday, November 19, 2019

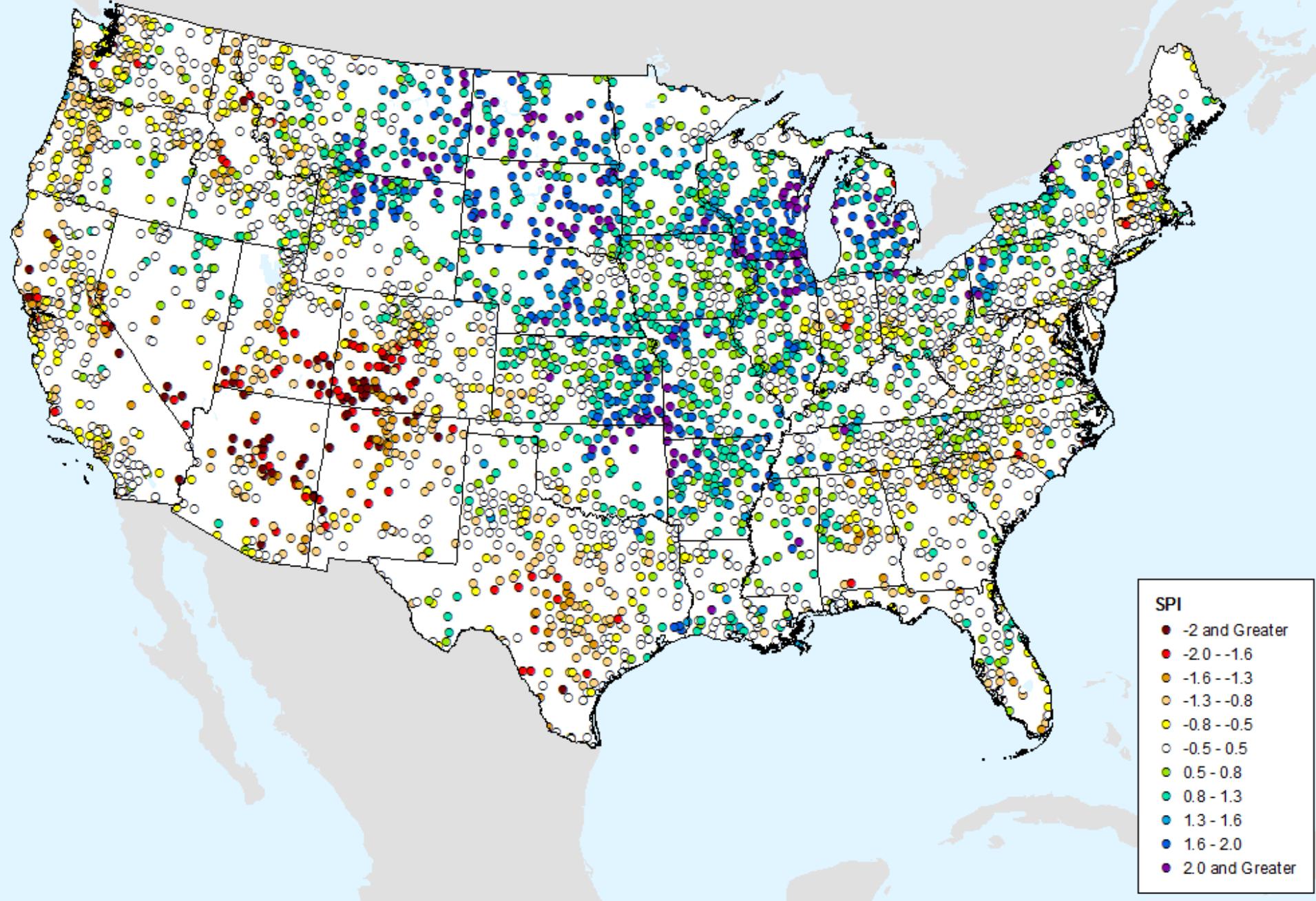


SPI
-2 and Greater
-2.0--1.6
-1.6--1.3
-1.3--0.8
-0.8--0.5
-0.5-0.5
0.5-0.8
0.8-1.3
1.3-1.6
1.6-2.0
2.0 and Greater

USDM for: Nov. 12, 2019

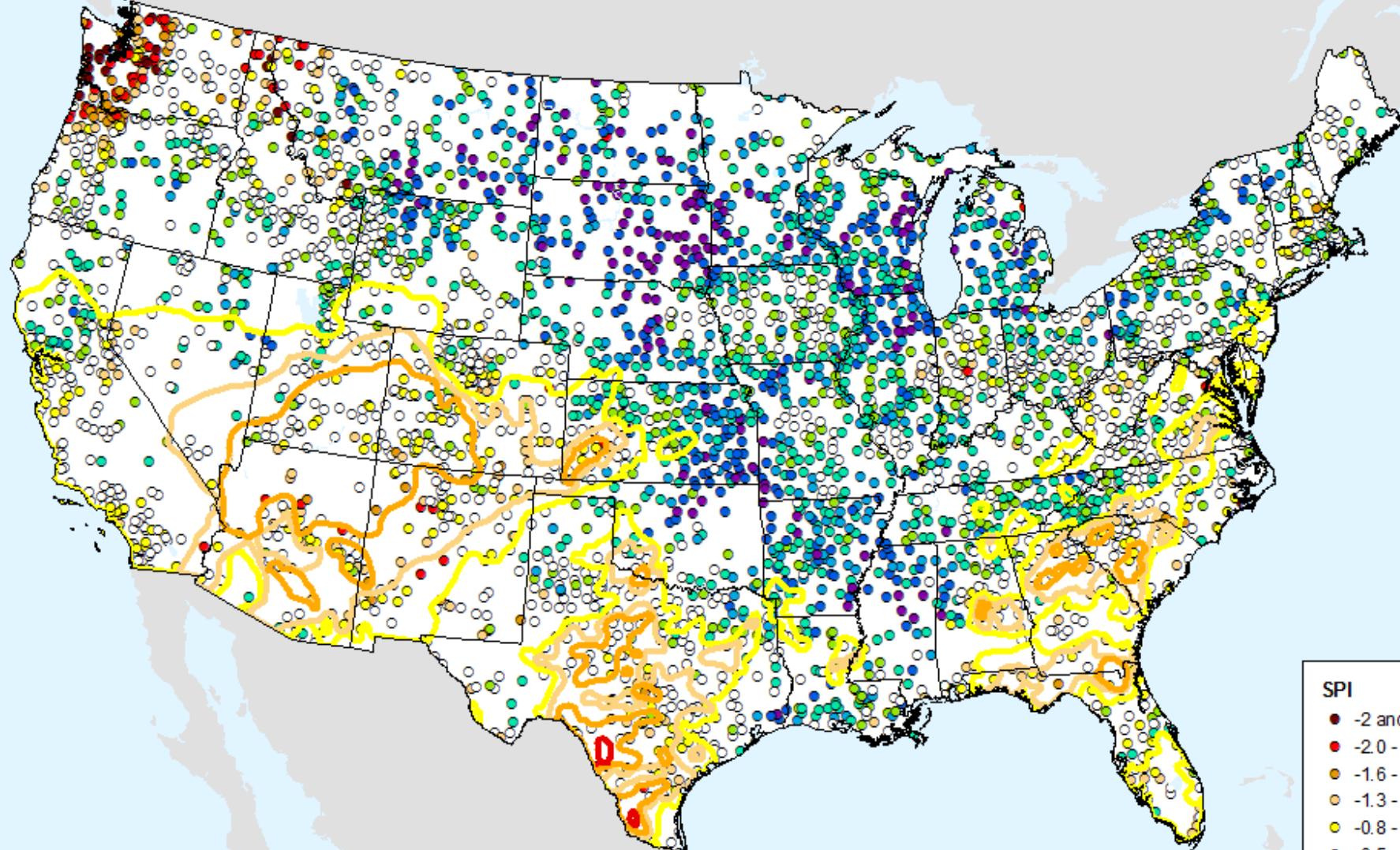
HPRCC 6-month SPI

As of: Tuesday, November 19, 2019



HPRCC 9-month SPI

As of: Tuesday, November 19, 2019

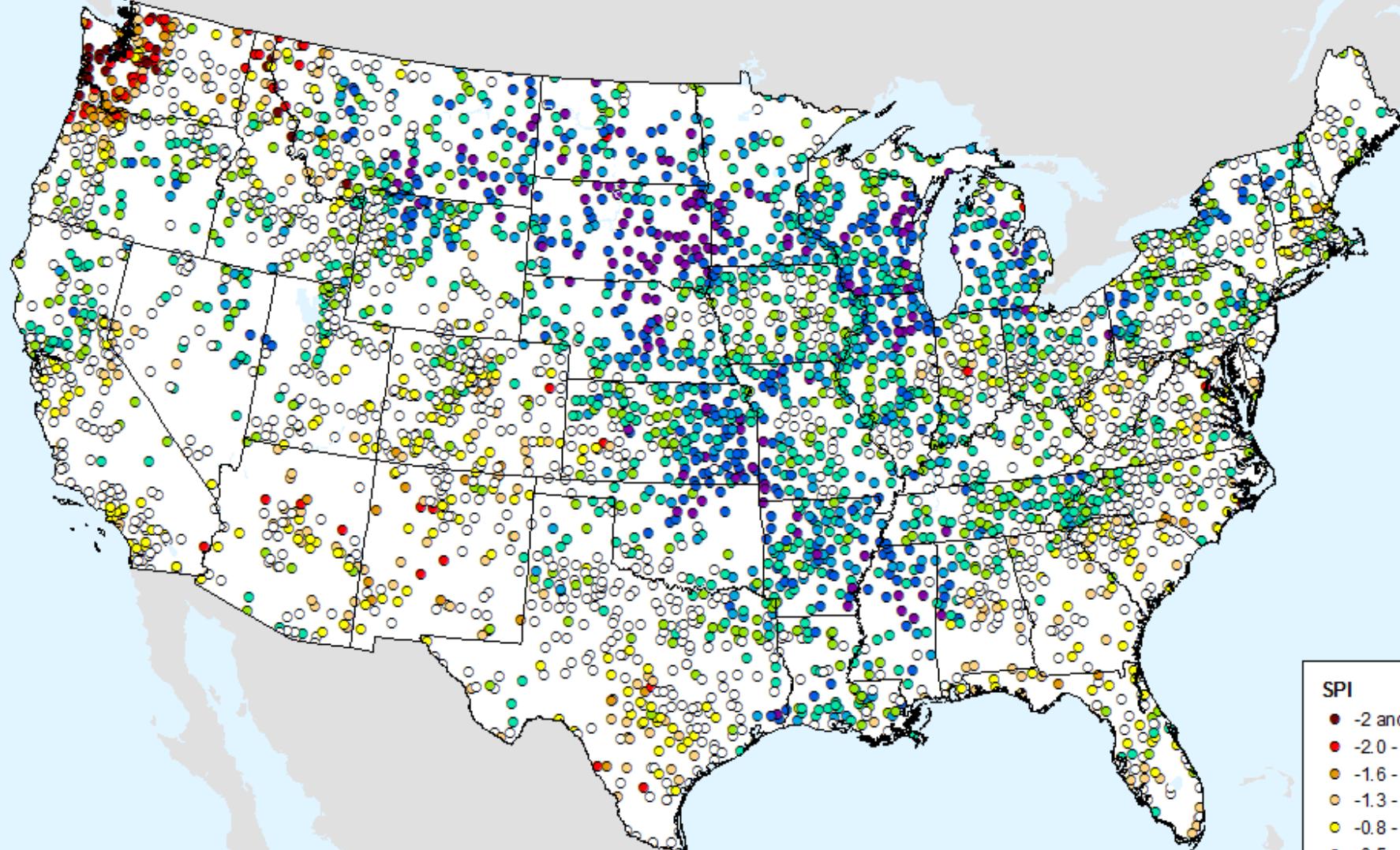


SPI
-2 and Greater
-2.0--1.6
-1.6--1.3
-1.3--0.8
-0.8--0.5
-0.5-0.5
0.5-0.8
0.8-1.3
1.3-1.6
1.6-2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC 9-month SPI

As of: Tuesday, November 19, 2019

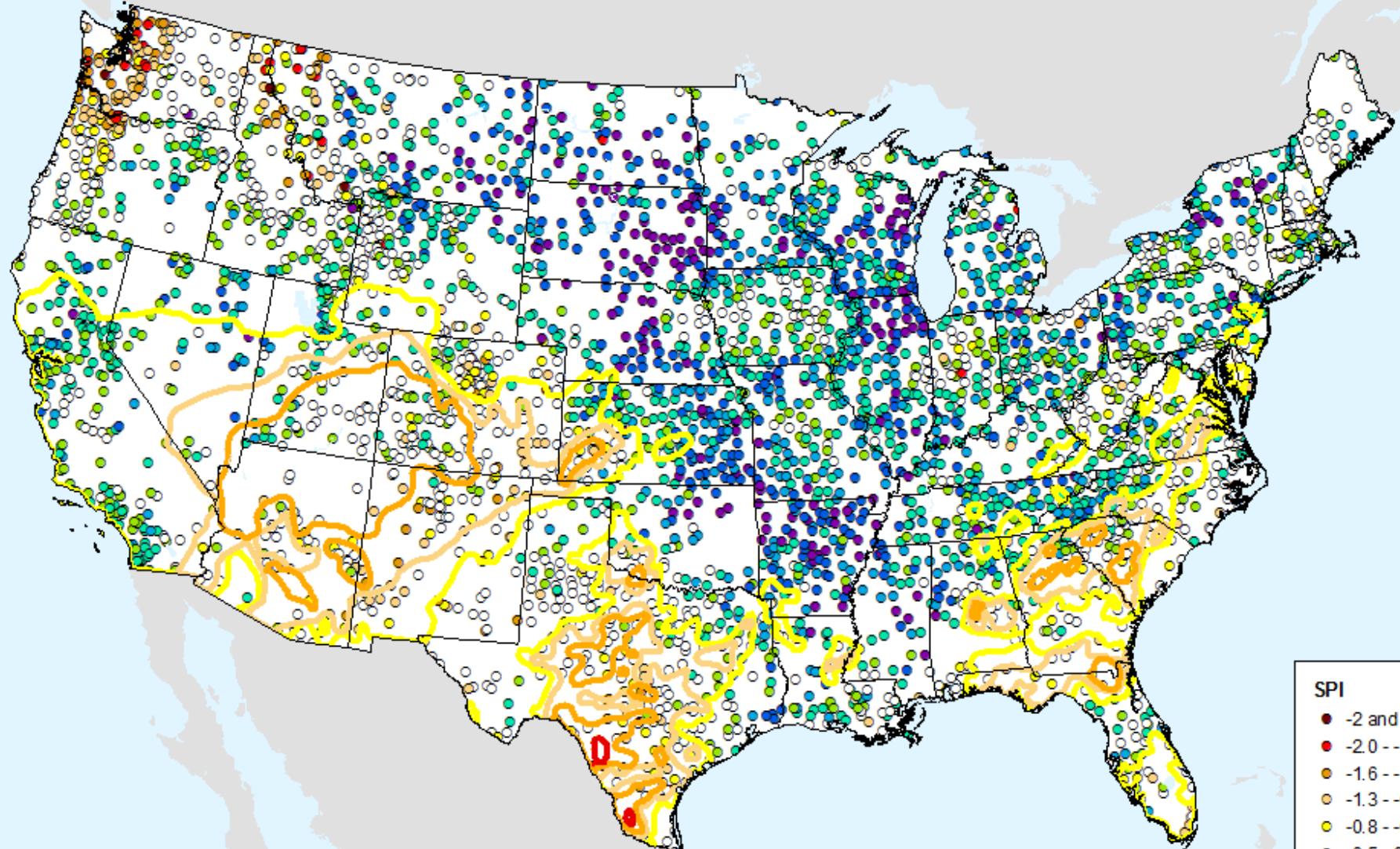


SPI

- 2 and Greater
- 2.0 -- -1.6
- 1.6 -- -1.3
- 1.3 -- -0.8
- 0.8 -- -0.5
- 0.5 -- 0.5
- 0.5 -- 0.8
- 0.8 -- 1.3
- 1.3 -- 1.6
- 1.6 -- 2.0
- 2.0 and Greater

HPRCC 12-month SPI

As of: Tuesday, November 19, 2019

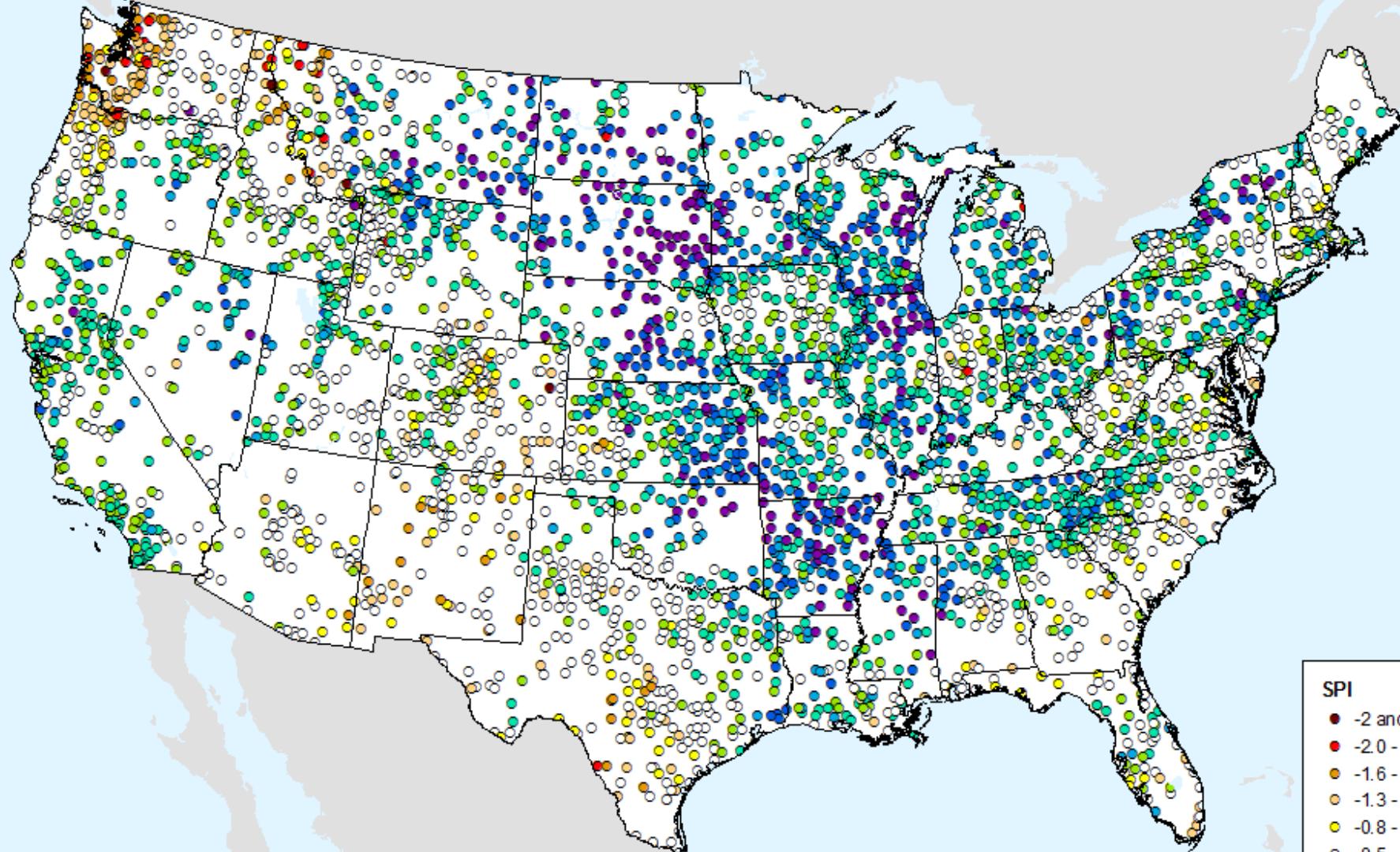


SPI
-2 and Greater
-2.0--1.6
-1.6--1.3
-1.3--0.8
-0.8--0.5
-0.5-0.5
0.5-0.8
0.8-1.3
1.3-1.6
1.6-2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC 12-month SPI

As of: Tuesday, November 19, 2019

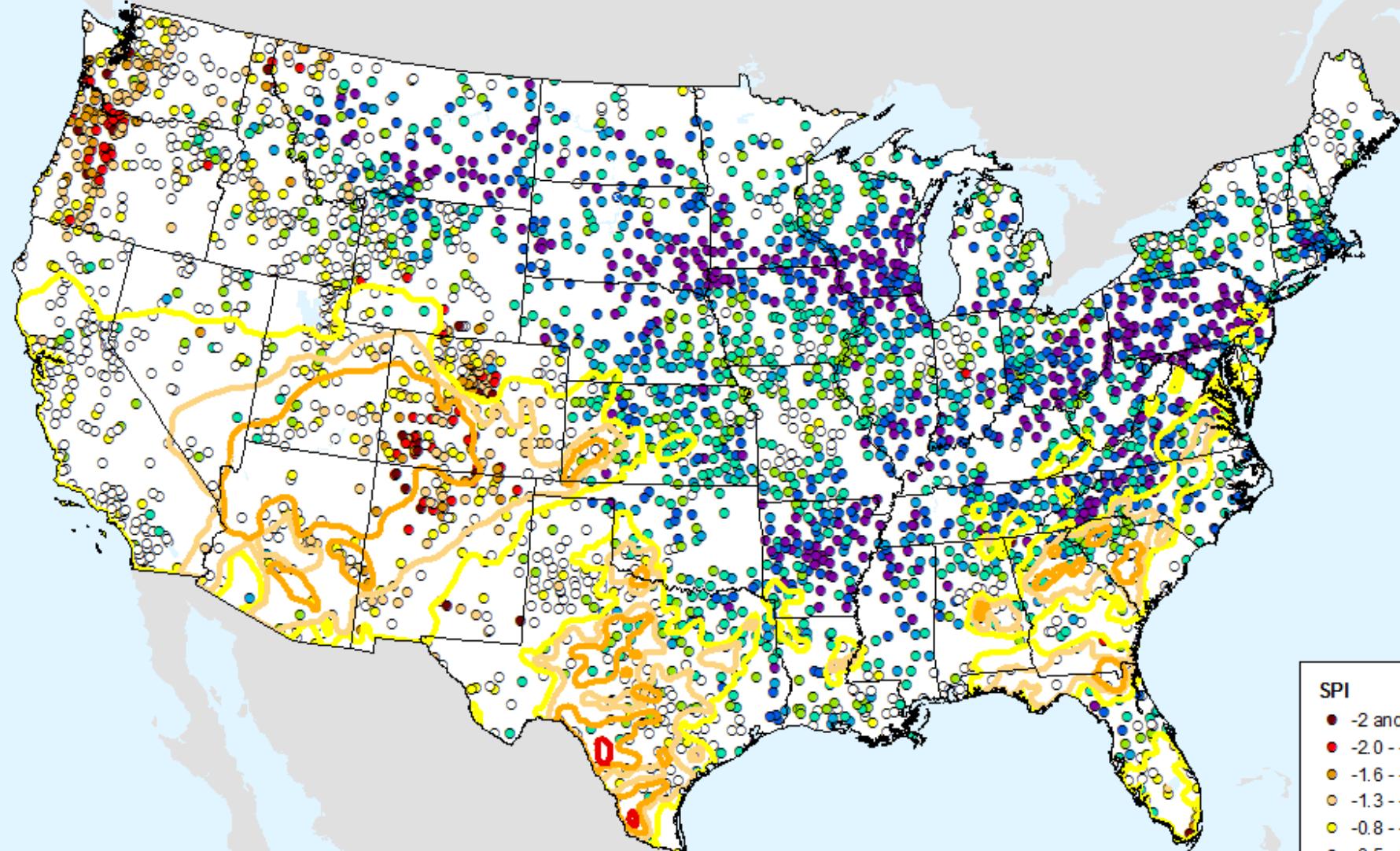


SPI

- 2 and Greater
- 2.0 -- -1.6
- 1.6 -- -1.3
- 1.3 -- -0.8
- 0.8 -- -0.5
- 0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

HPRCC 24-month SPI

As of: Tuesday, November 19, 2019

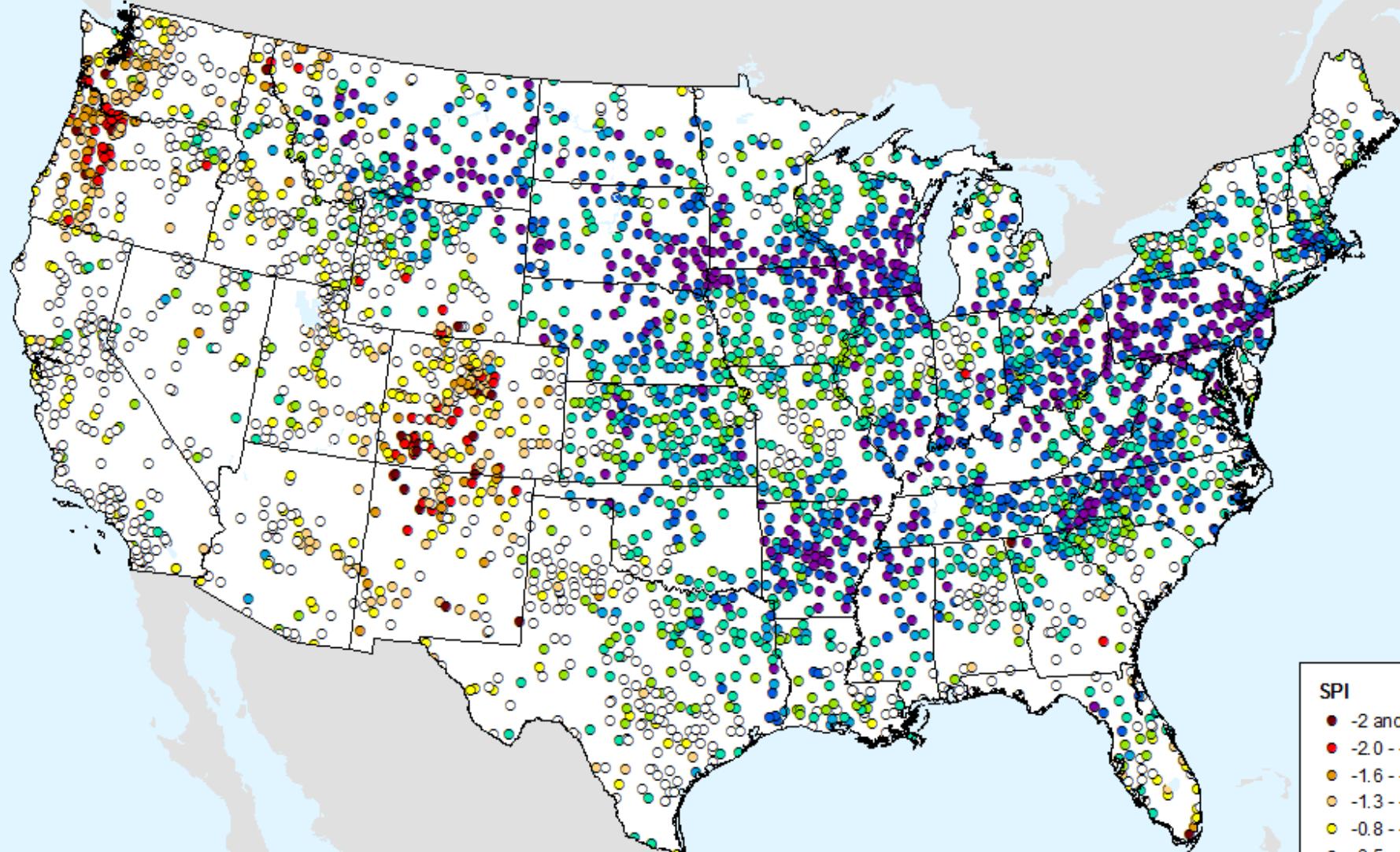


SPI
-2 and Greater
-2.0 -- -1.6
-1.6 -- -1.3
-1.3 -- -0.8
-0.8 -- -0.5
-0.5 - 0.5
0.5 - 0.8
0.8 - 1.3
1.3 - 1.6
1.6 - 2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC 24-month SPI

As of: Tuesday, November 19, 2019

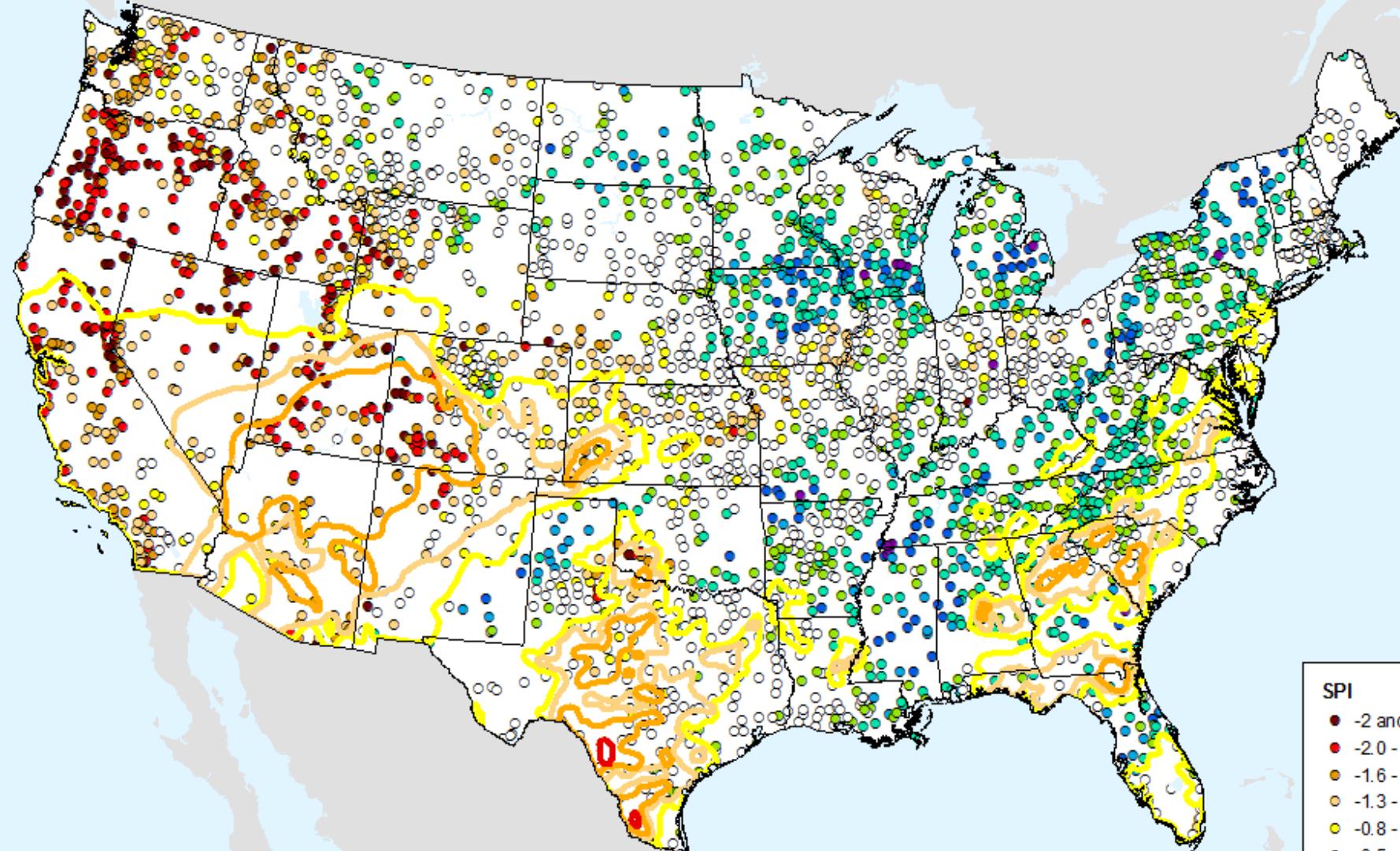


SPI

- 2 and Greater
- 2.0 -- -1.6
- 1.6 -- -1.3
- 1.3 -- -0.8
- 0.8 -- -0.5
- 0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

HPRCC Water Year-to-date SPI

As of: Tuesday, November 19, 2019

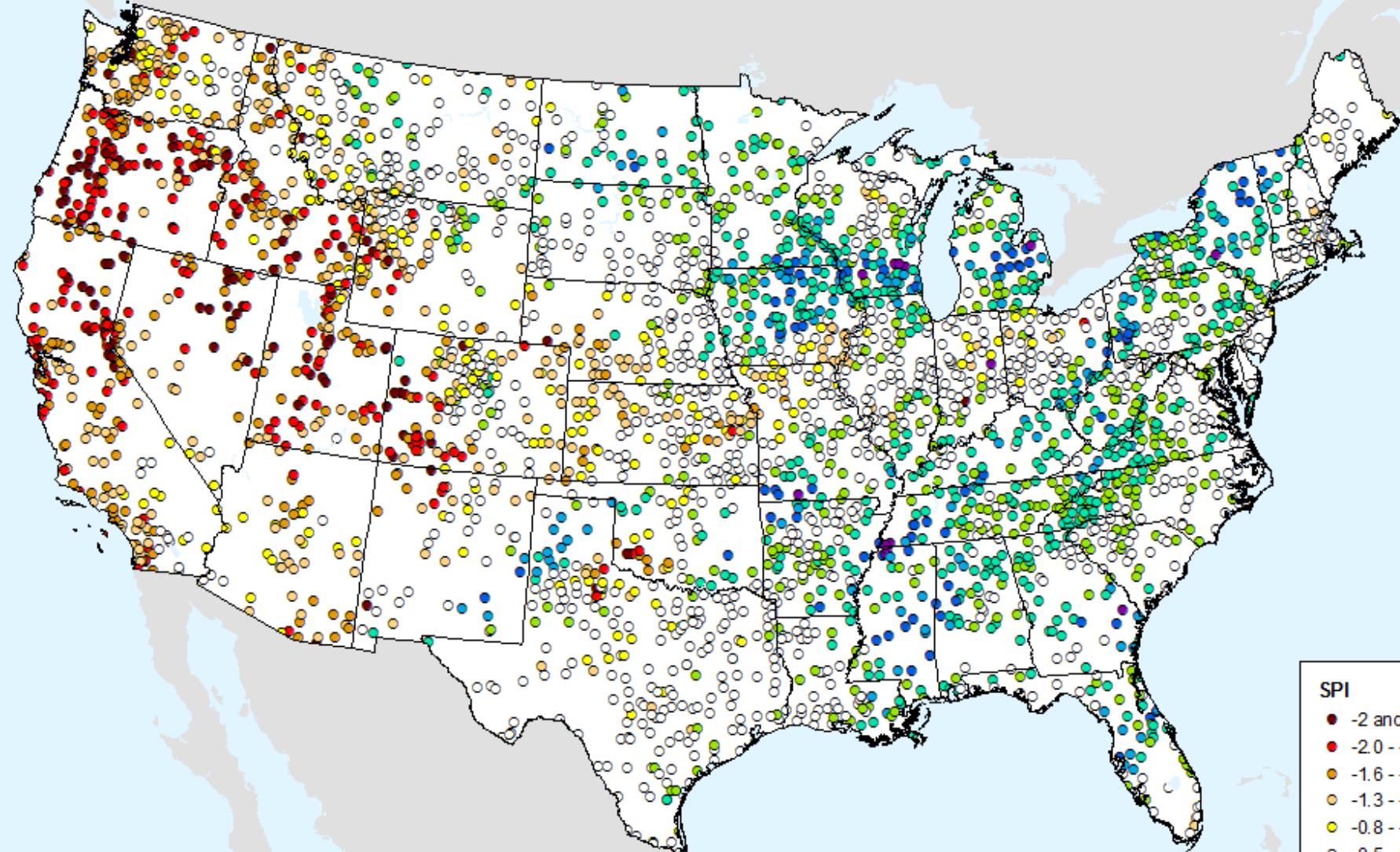


SPI
-2 and Greater
-2.0--1.6
-1.6--1.3
-1.3--0.8
-0.8--0.5
-0.5-0.5
0.5-0.8
0.8-1.3
1.3-1.6
1.6-2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC Water Year-to-date SPI

As of: Tuesday, November 19, 2019

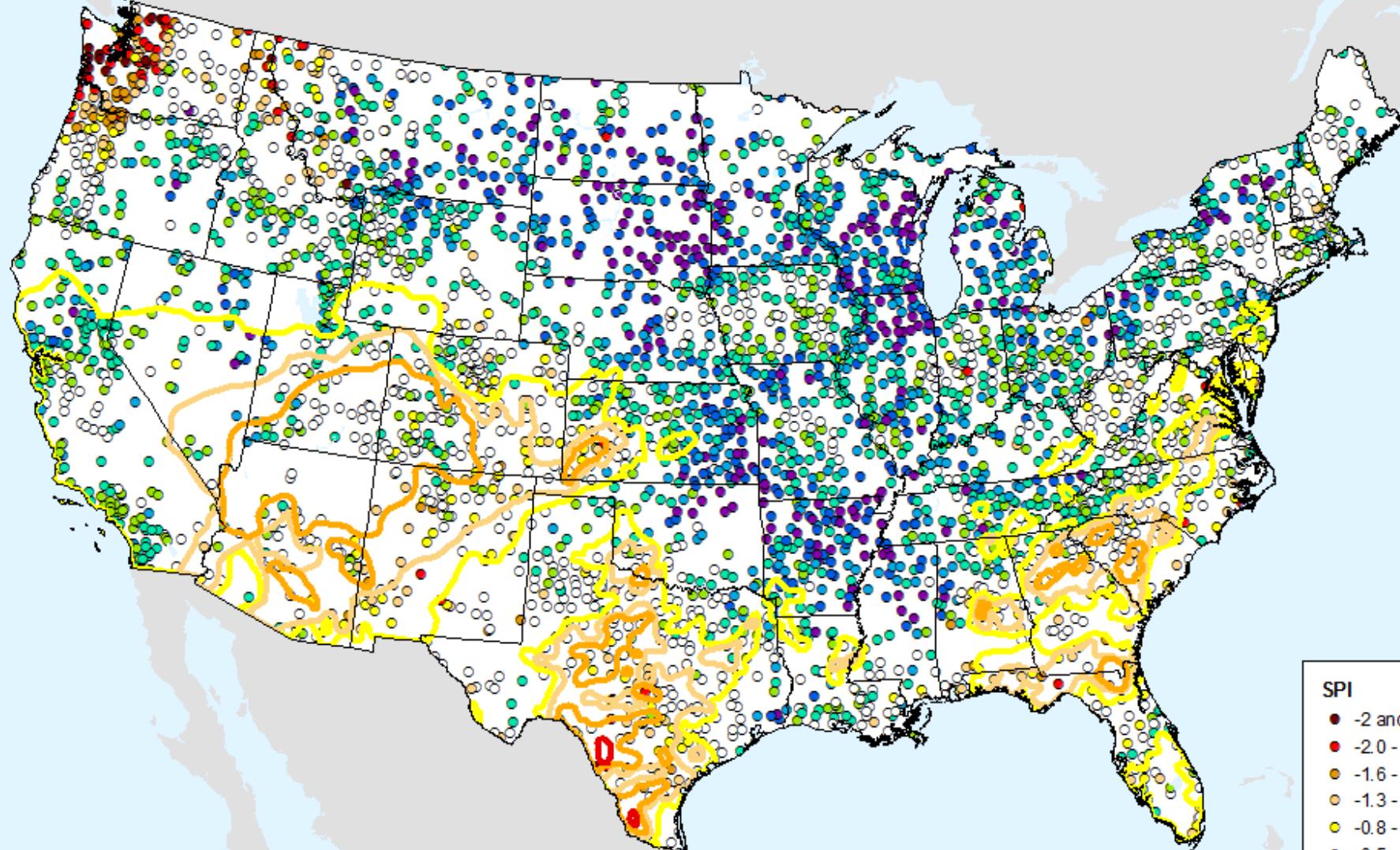


SPI

- 2 and Greater
- 2.0 -- -1.6
- 1.6 -- -1.3
- 1.3 -- -0.8
- 0.8 -- -0.5
- 0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

HPRCC Year-to-date SPI

As of: Tuesday, November 19, 2019

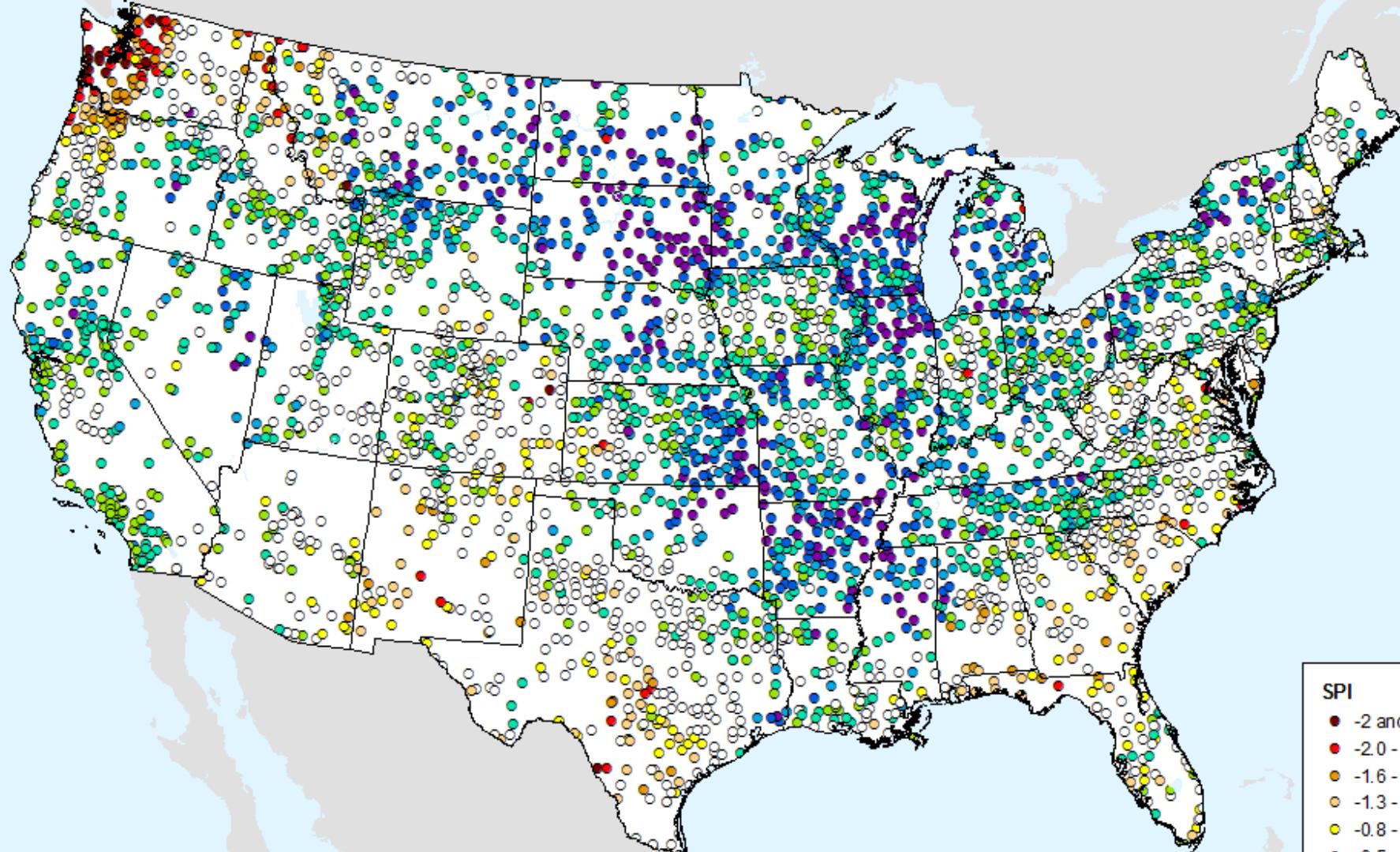


SPI
-2 and Greater
-2.0--1.6
-1.6--1.3
-1.3--0.8
-0.8--0.5
-0.5-0.5
0.5-0.8
0.8-1.3
1.3-1.6
1.6-2.0
2.0 and Greater

USDM for: Nov. 12, 2019

HPRCC Year-to-date SPI

As of: Tuesday, November 19, 2019

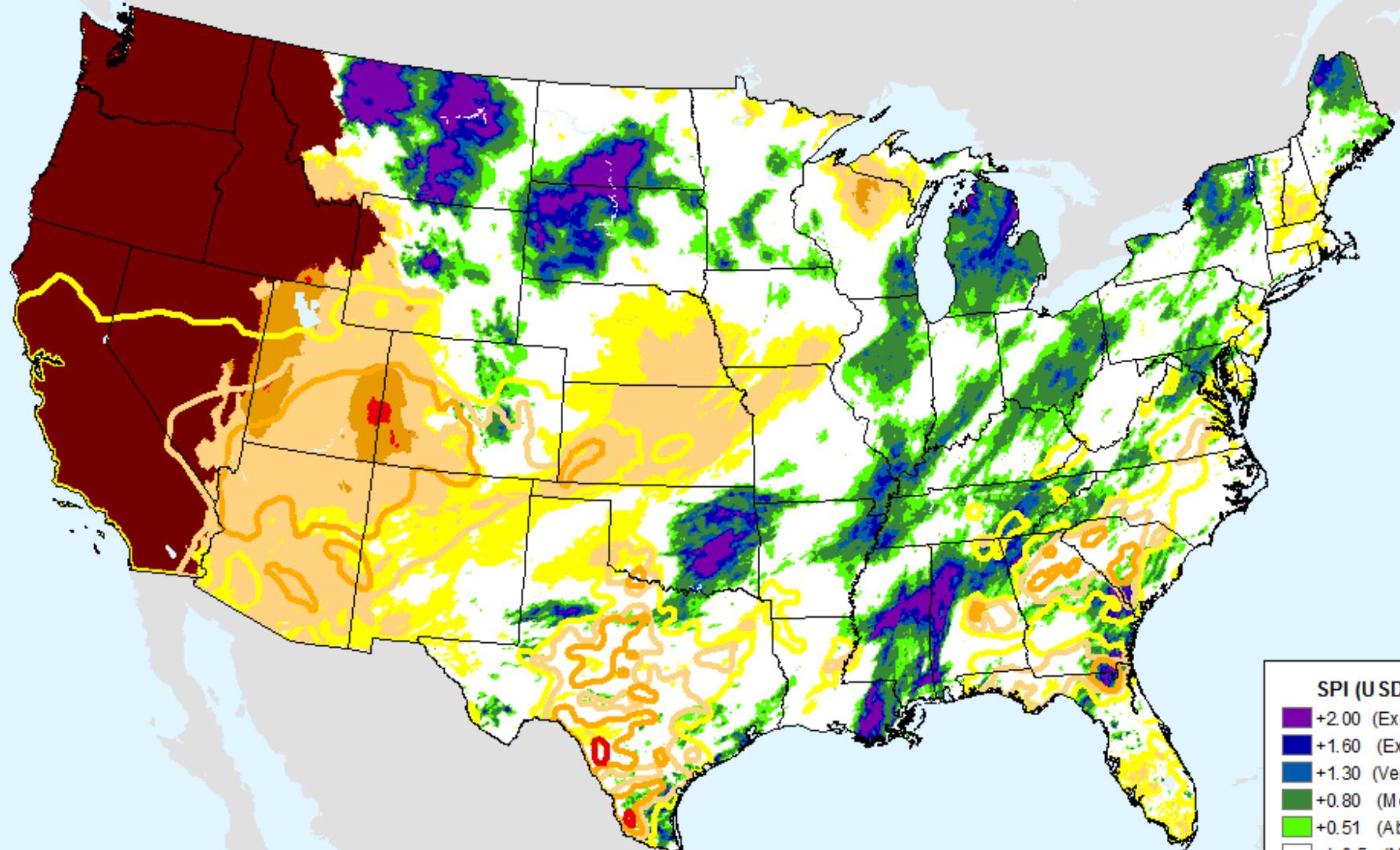


SPI

- 2 and Greater
- 2.0 -- -1.6
- 1.6 -- -1.3
- 1.3 -- -0.8
- 0.8 -- -0.5
- 0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

AHPS 1-month SPI

As of: Tuesday, November 19, 2019

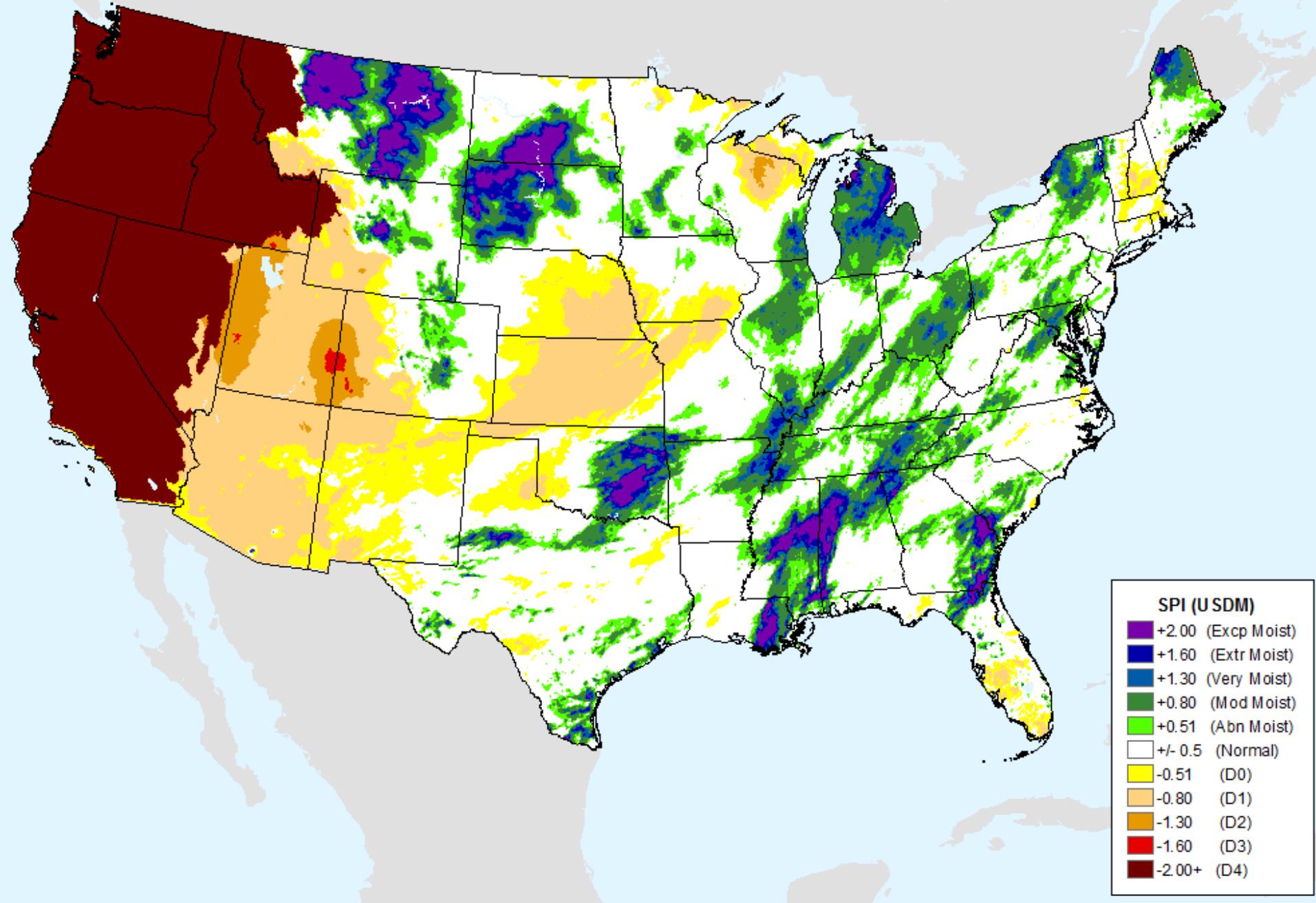


SPI (U SDM)	
+2.00	(Excp Moist)
+1.60	(Extr Moist)
+1.30	(Very Moist)
+0.80	(Mod Moist)
+0.51	(Abn Moist)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

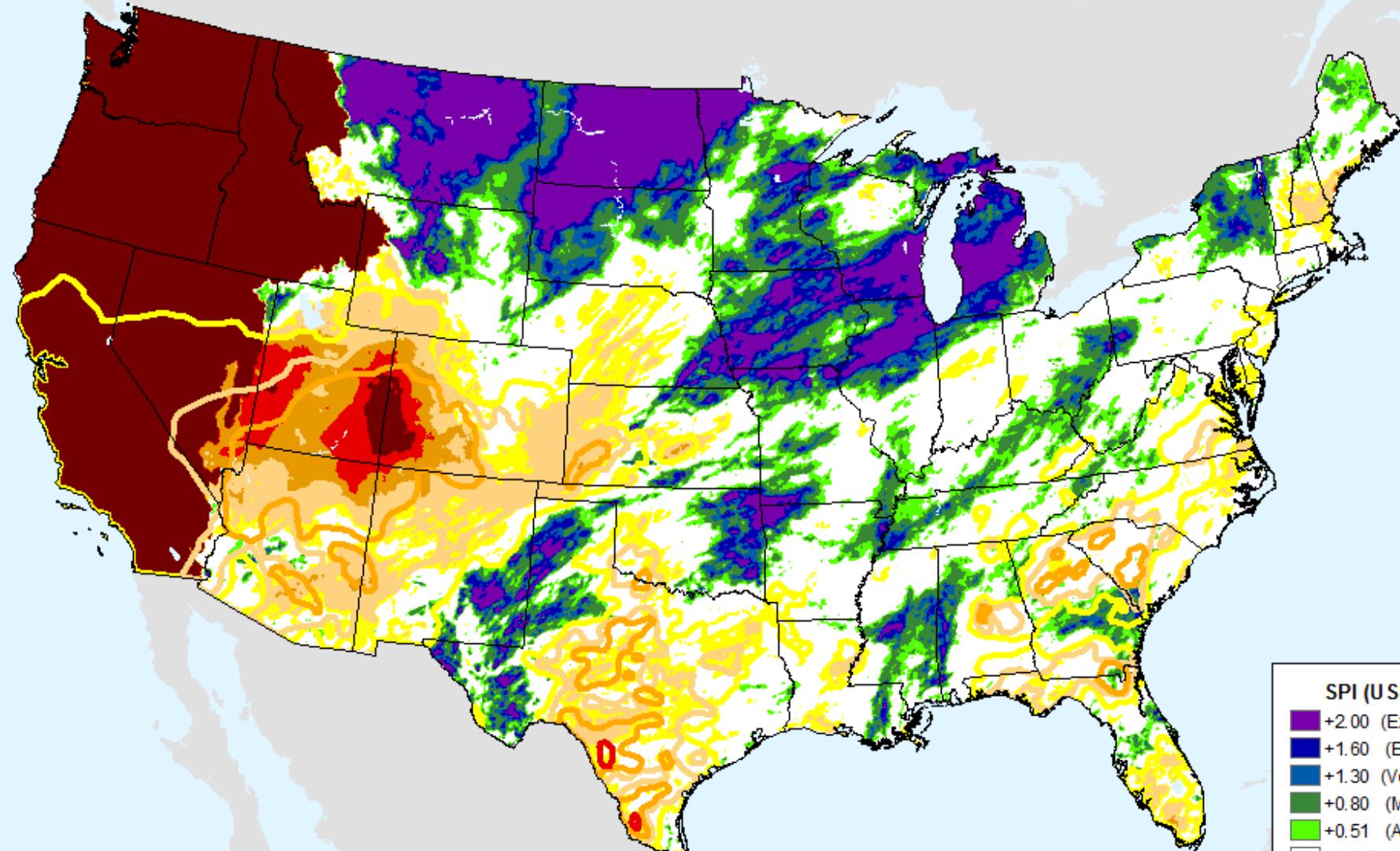
AHPS 1-month SPI

As of: Tuesday, November 19, 2019



AHPS 2-month SPI

As of: Tuesday, November 19, 2019

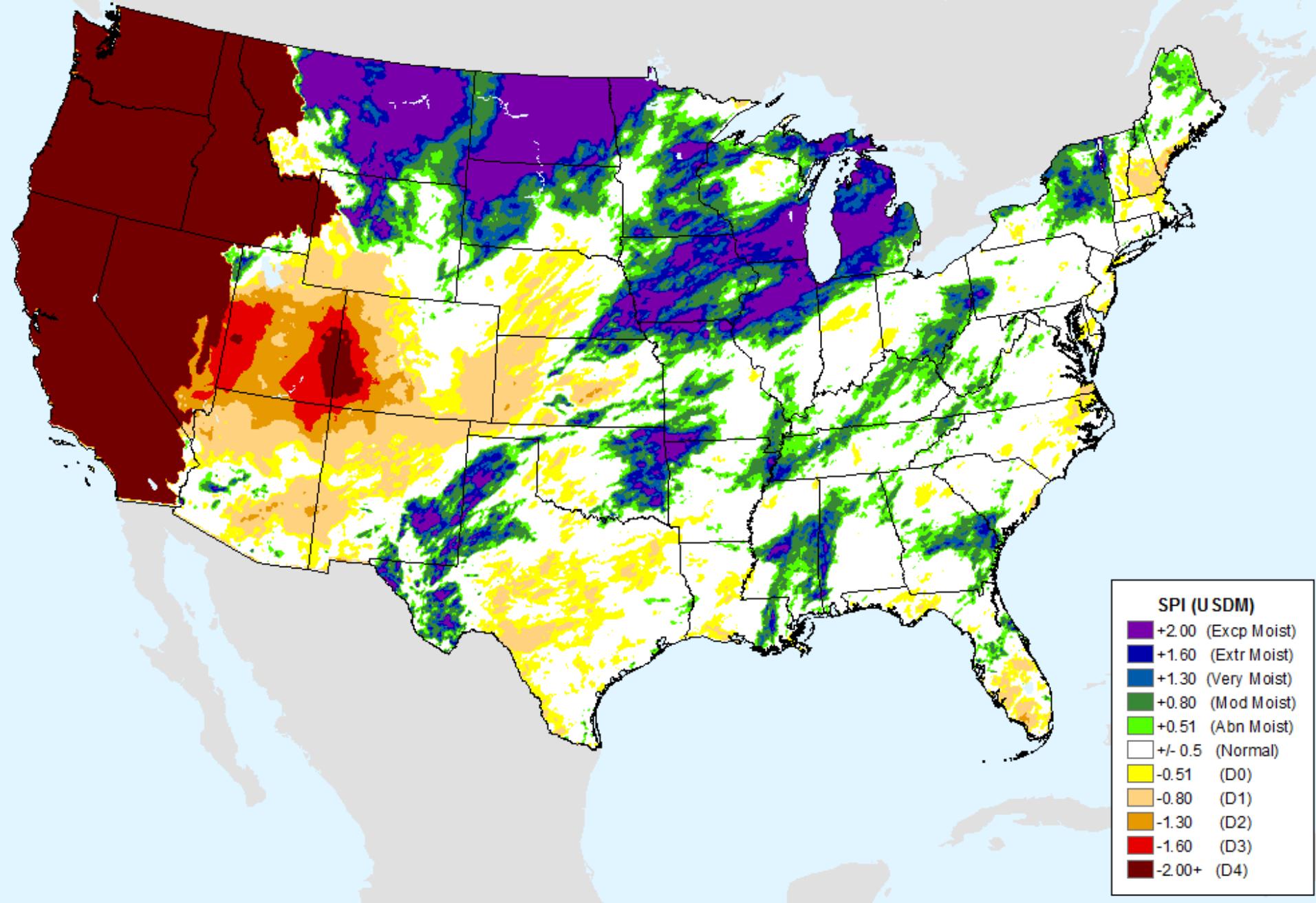


SPI (U SDM)	
+2.00	(Excp Mois)
+1.60	(Extr Mois)
+1.30	(Very Mois)
+0.80	(Mod Mois)
+0.51	(Abn Mois)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

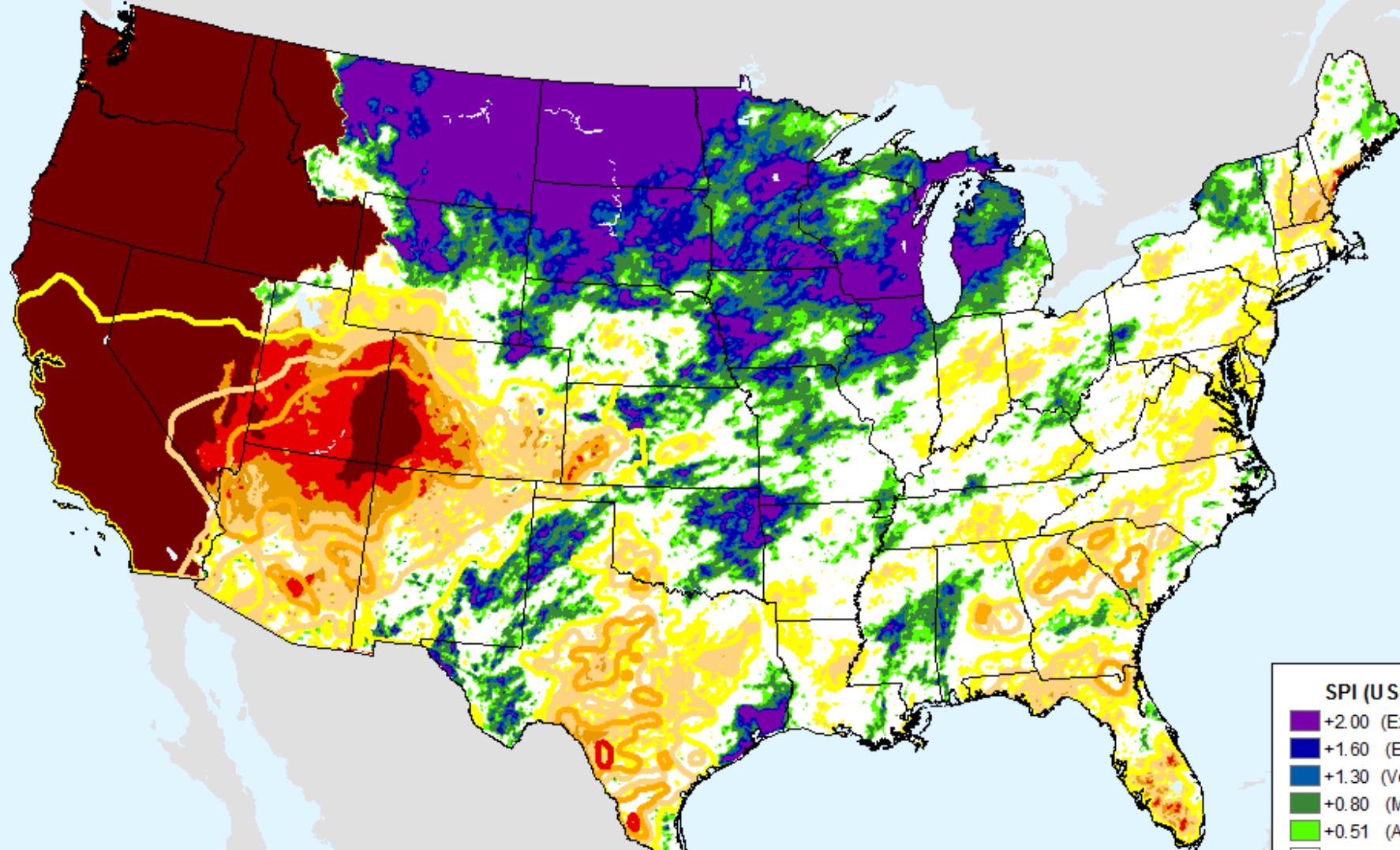
AHPS 2-month SPI

As of: Tuesday, November 19, 2019



AHPS 3-month SPI

As of: Tuesday, November 19, 2019

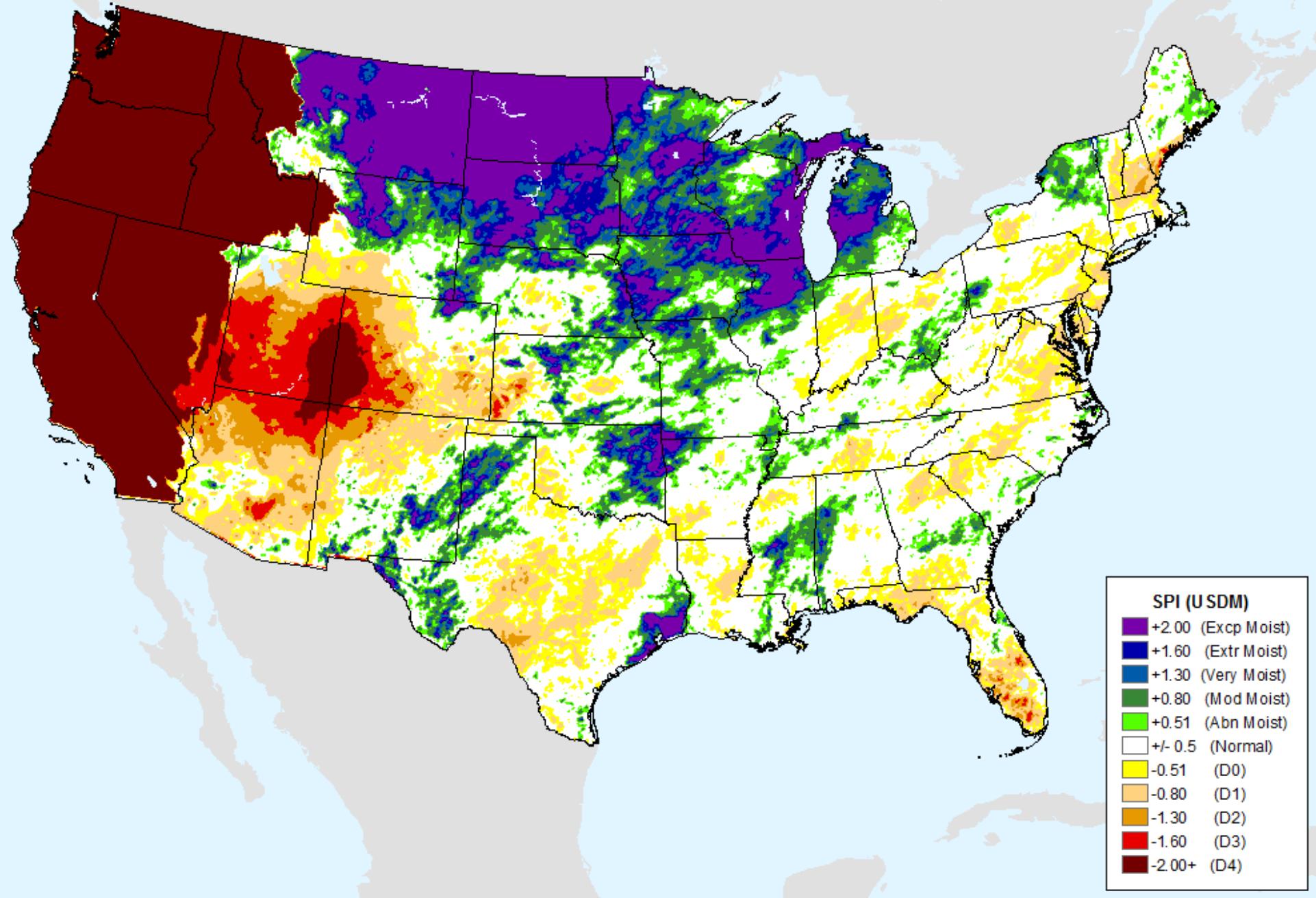


SPI (U SDM)	
+2.00	(Excp Mois)
+1.60	(Extre Moist)
+1.30	(Very Mois)
+0.80	(Mod Mois)
+0.51	(Abn Mois)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

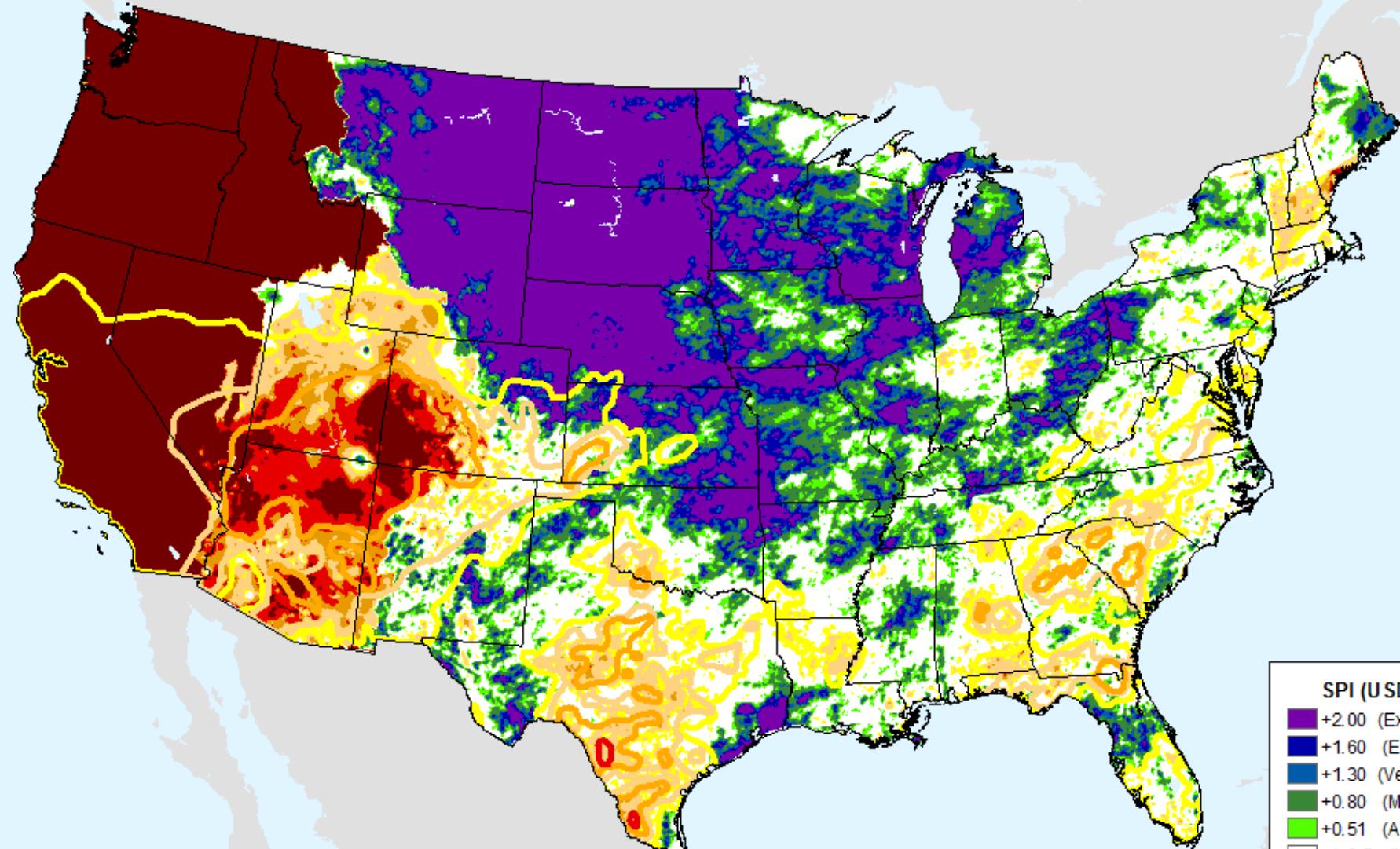
AHPS 3-month SPI

As of: Tuesday, November 19, 2019



AHPS 6-month SPI

As of: Tuesday, November 19, 2019

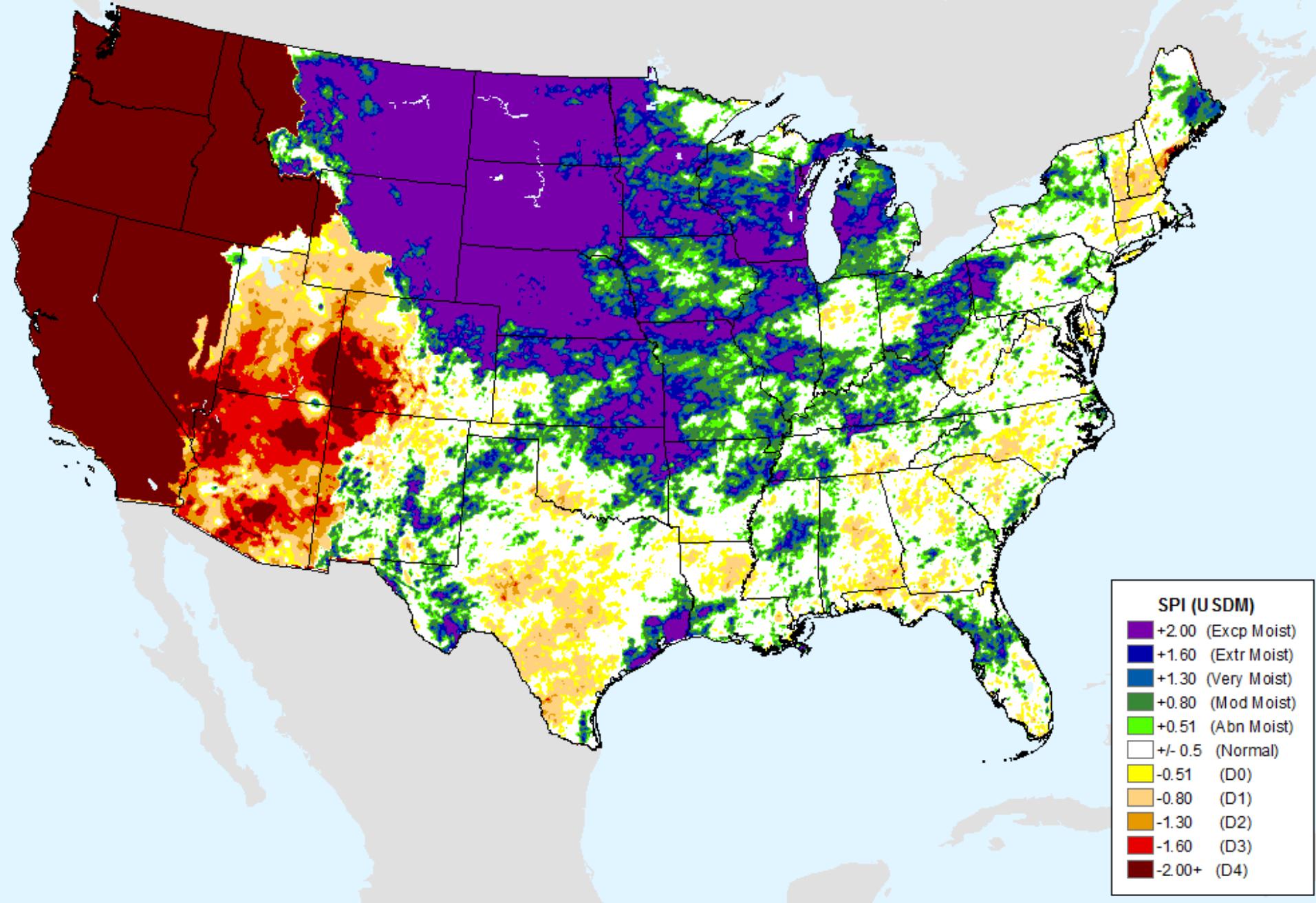


SPI (U SDM)	
+2.00	(Excp Moist)
+1.60	(Ext Moist)
+1.30	(Very Moist)
+0.80	(Mod Moist)
+0.51	(Abn Moist)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

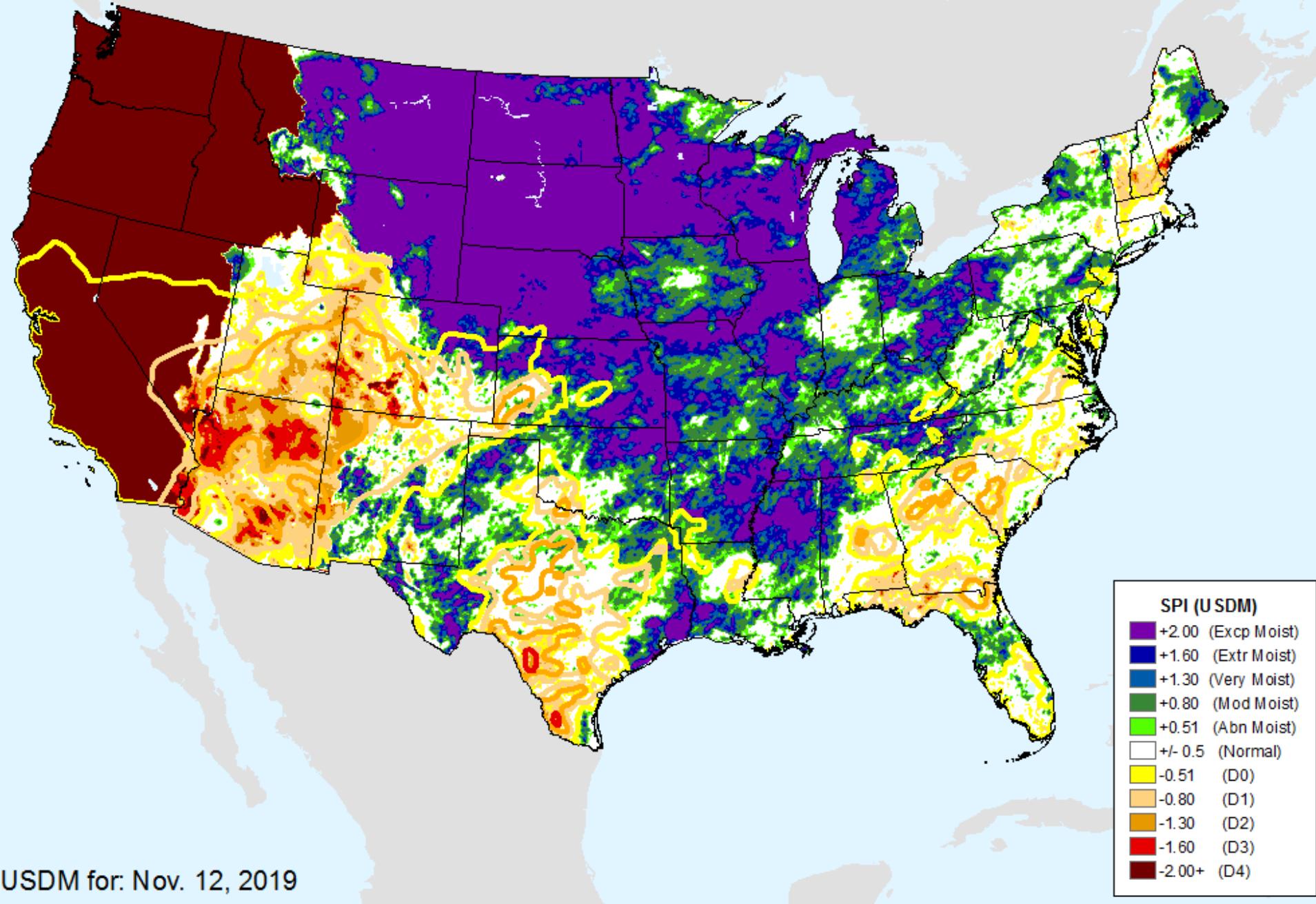
AHPS 6-month SPI

As of: Tuesday, November 19, 2019



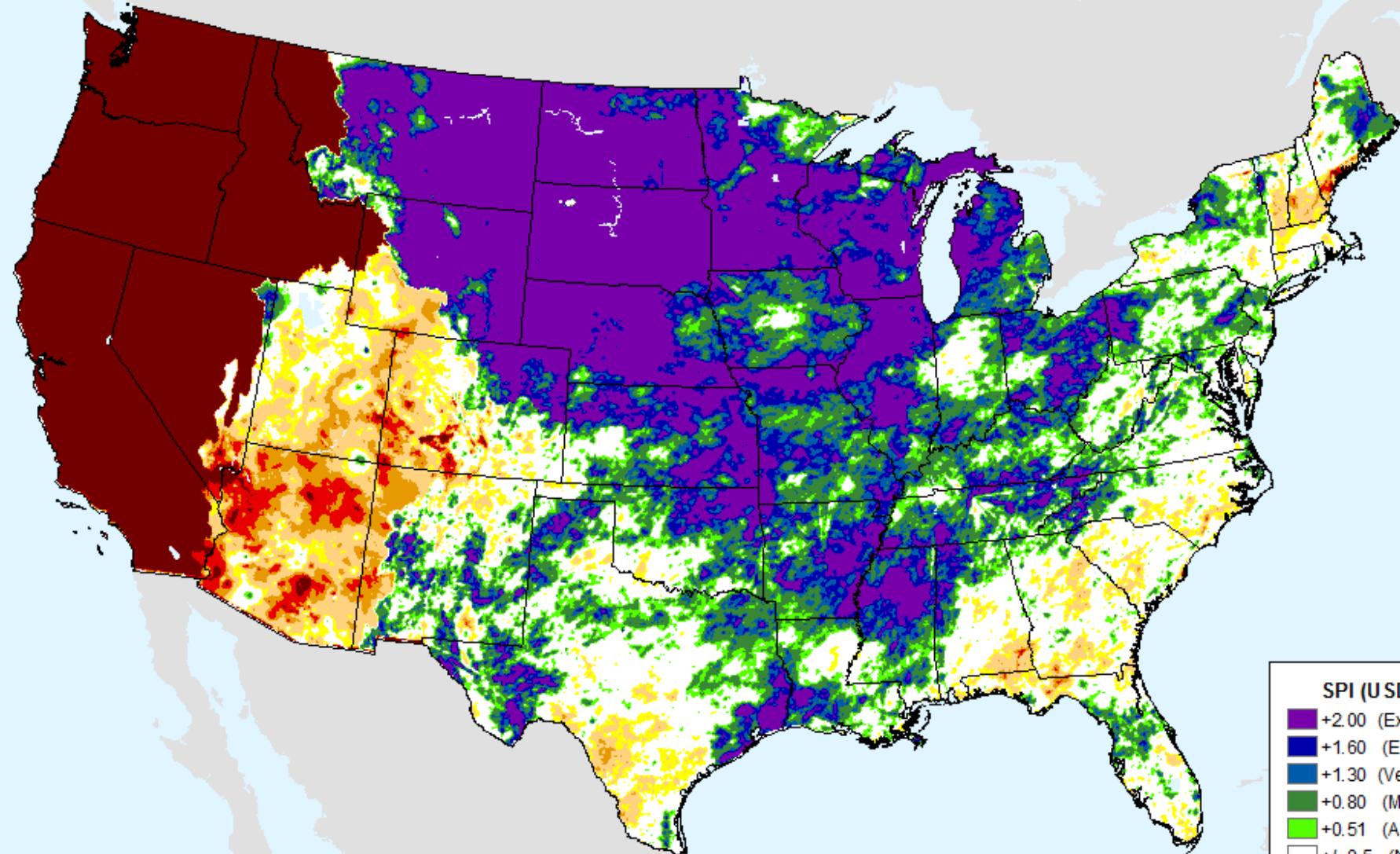
AHPS 9-month SPI

As of: Tuesday, November 19, 2019



AHPS 9-month SPI

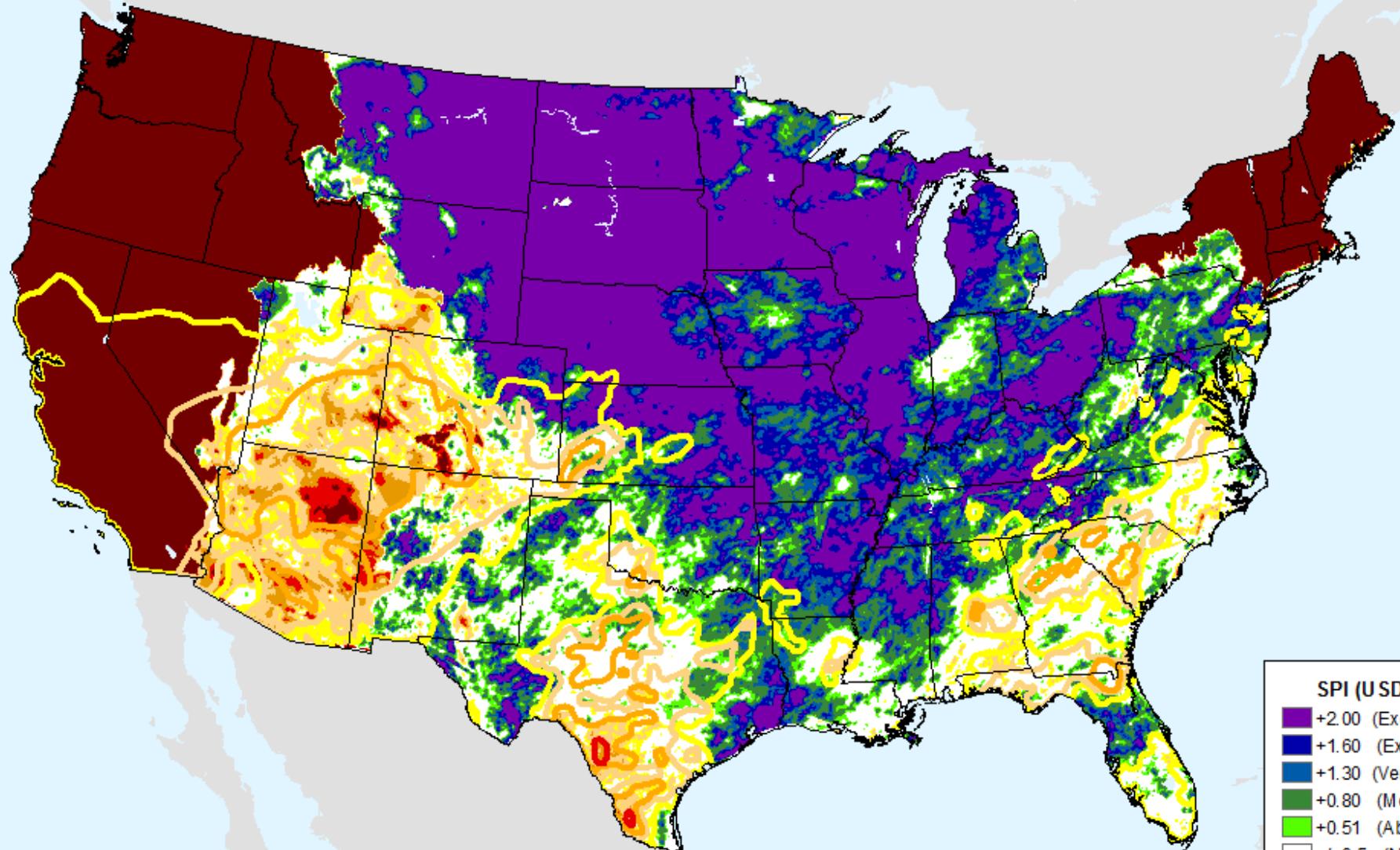
As of: Tuesday, November 19, 2019



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

AHPS 12-month SPI

As of: Tuesday, November 19, 2019

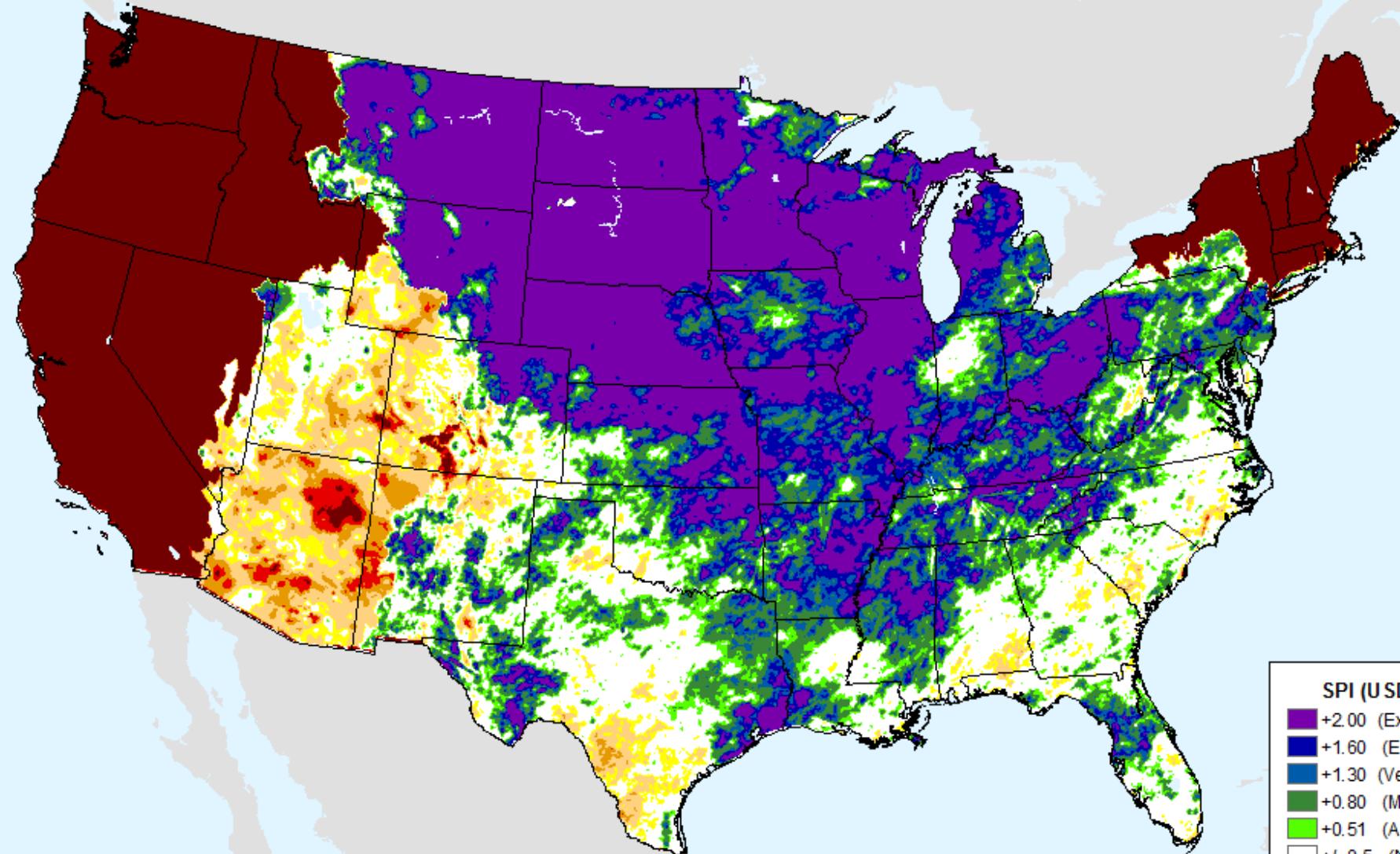


SPI (U SDM)	
+2.00	(Excp Moist)
+1.60	(Ext Moist)
+1.30	(Very Moist)
+0.80	(Mod Moist)
+0.51	(Abn Moist)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

AHPS 12-month SPI

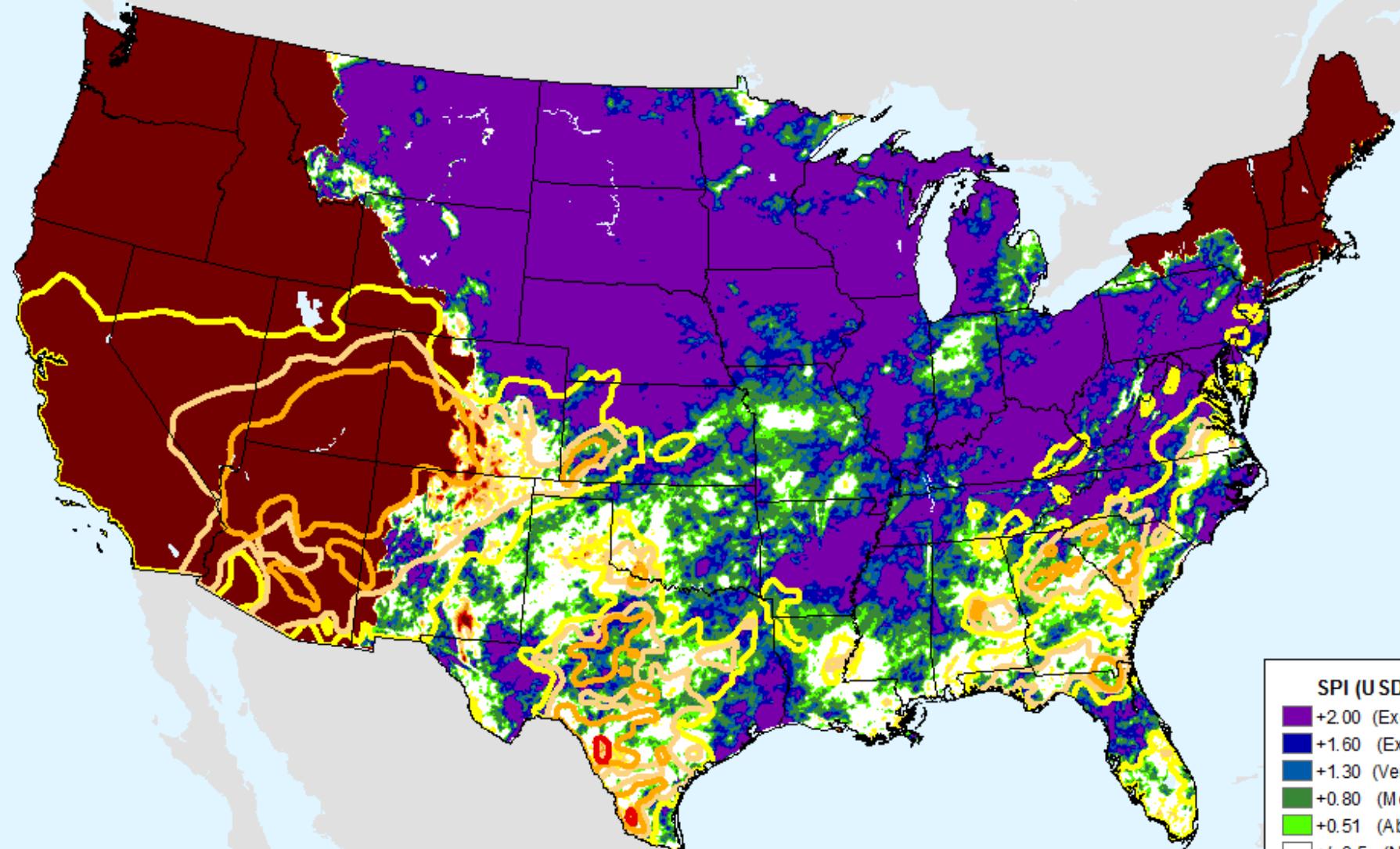
As of: Tuesday, November 19, 2019



SPI (USDM)	
+2.00	(Excp Moist)
+1.60	(Ext 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)

AHPS 24-month SPI

As of: Tuesday, November 19, 2019

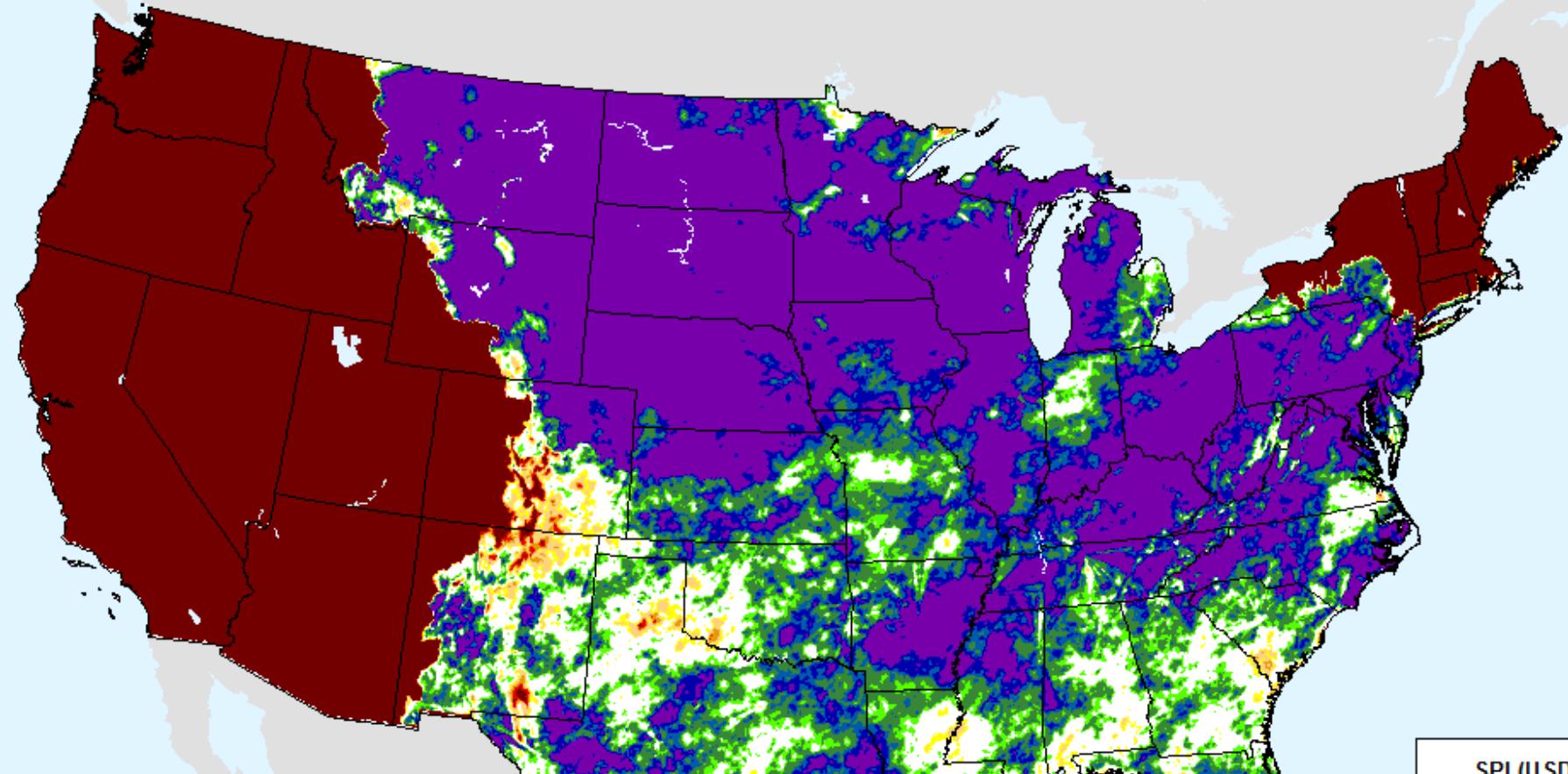


SPI (U SDM)	
+2.00	(Excp Moist)
+1.60	(Extre Moist)
+1.30	(Very Moisit)
+0.80	(Mod Moisit)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

AHPS 24-month SPI

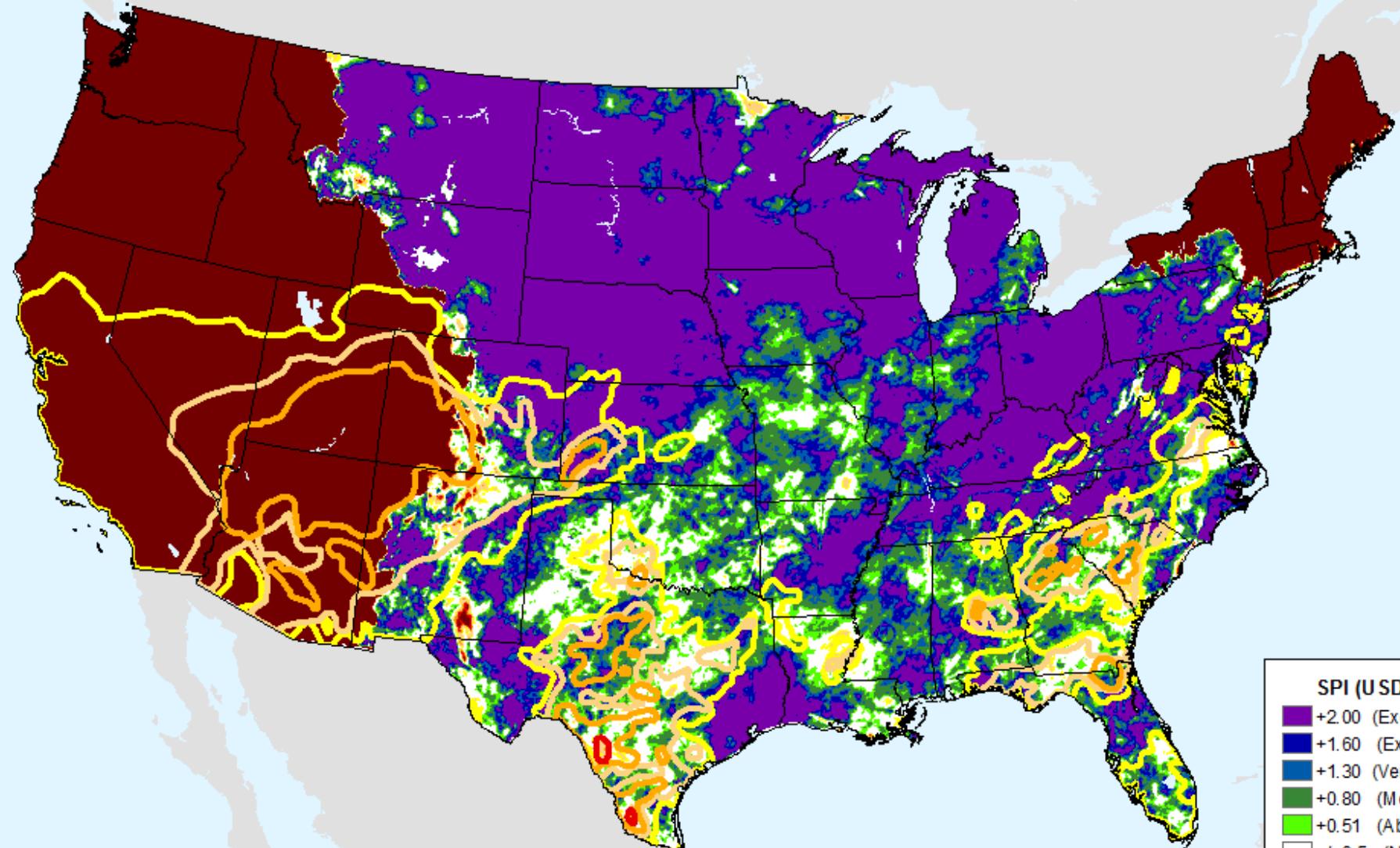
As of: Tuesday, November 19, 2019



SPI (U SDM)	
+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)

AHPS 36-month SPI

As of: Tuesday, November 19, 2019

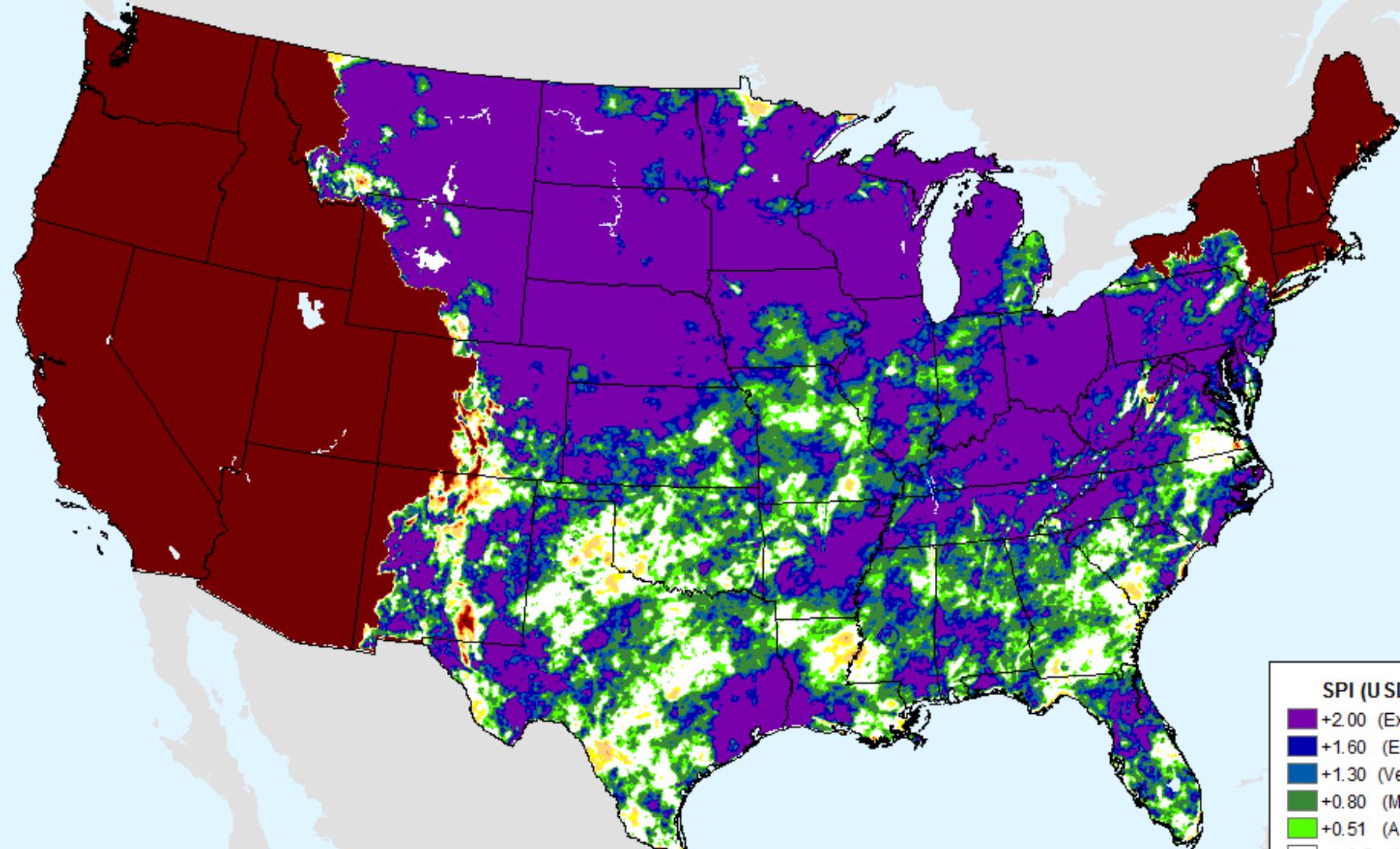


SPI (USDM)	
+2.00	(Excp Mois)
+1.60	(Extre Moist)
+1.30	(Very Mois)
+0.80	(Mod Mois)
+0.51	(Abn Mois)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

AHPS 36-month SPI

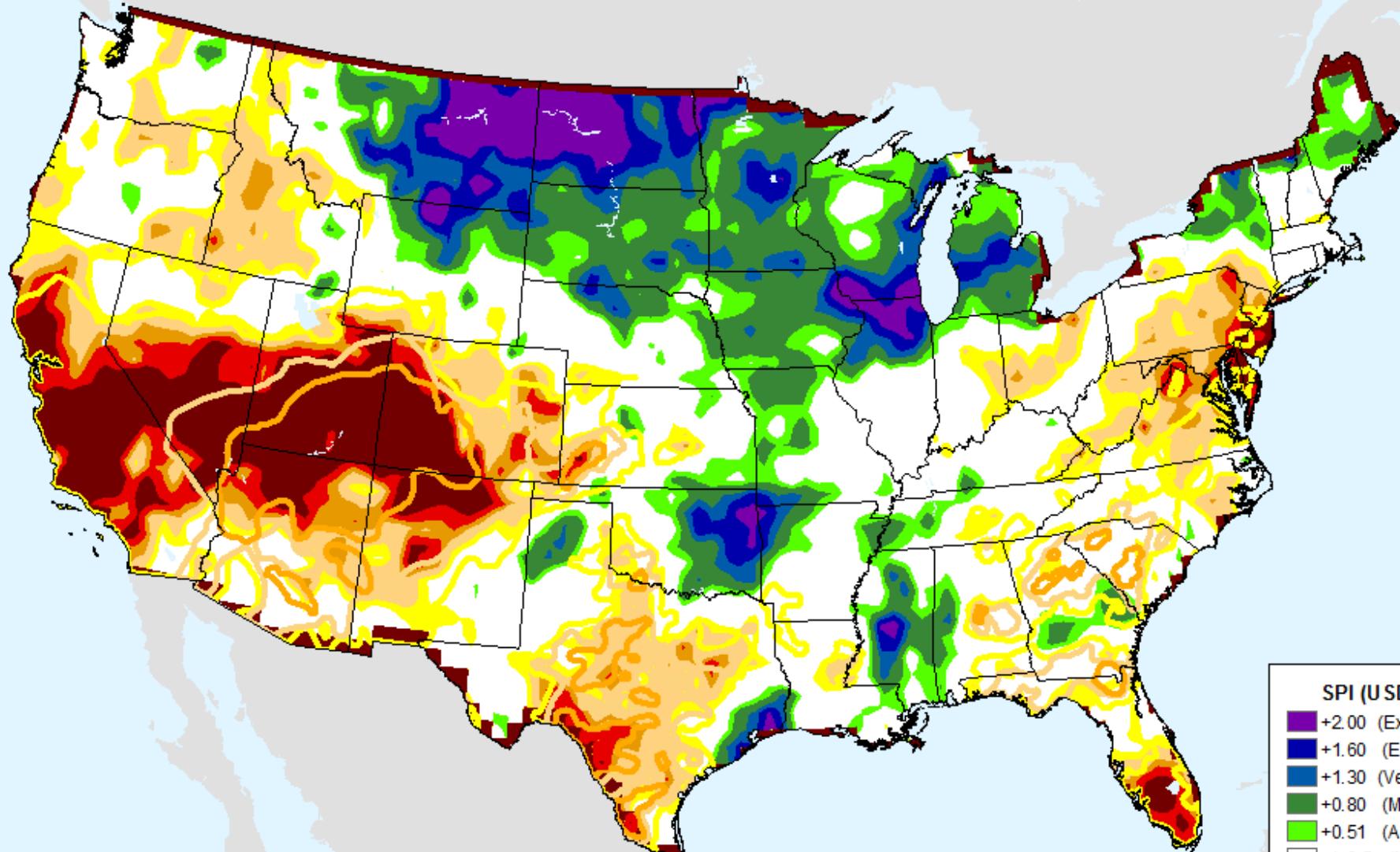
As of: Tuesday, November 19, 2019



SPI (U SDM)	
+2.00	(Excp Moist)
+1.60	(Ext Moist)
+1.30	(Very Mois)
+0.80	(Mod Mois)
+0.51	(Abn Mois)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

CPC 3-month SPI

As of: Tuesday, November 19, 2019

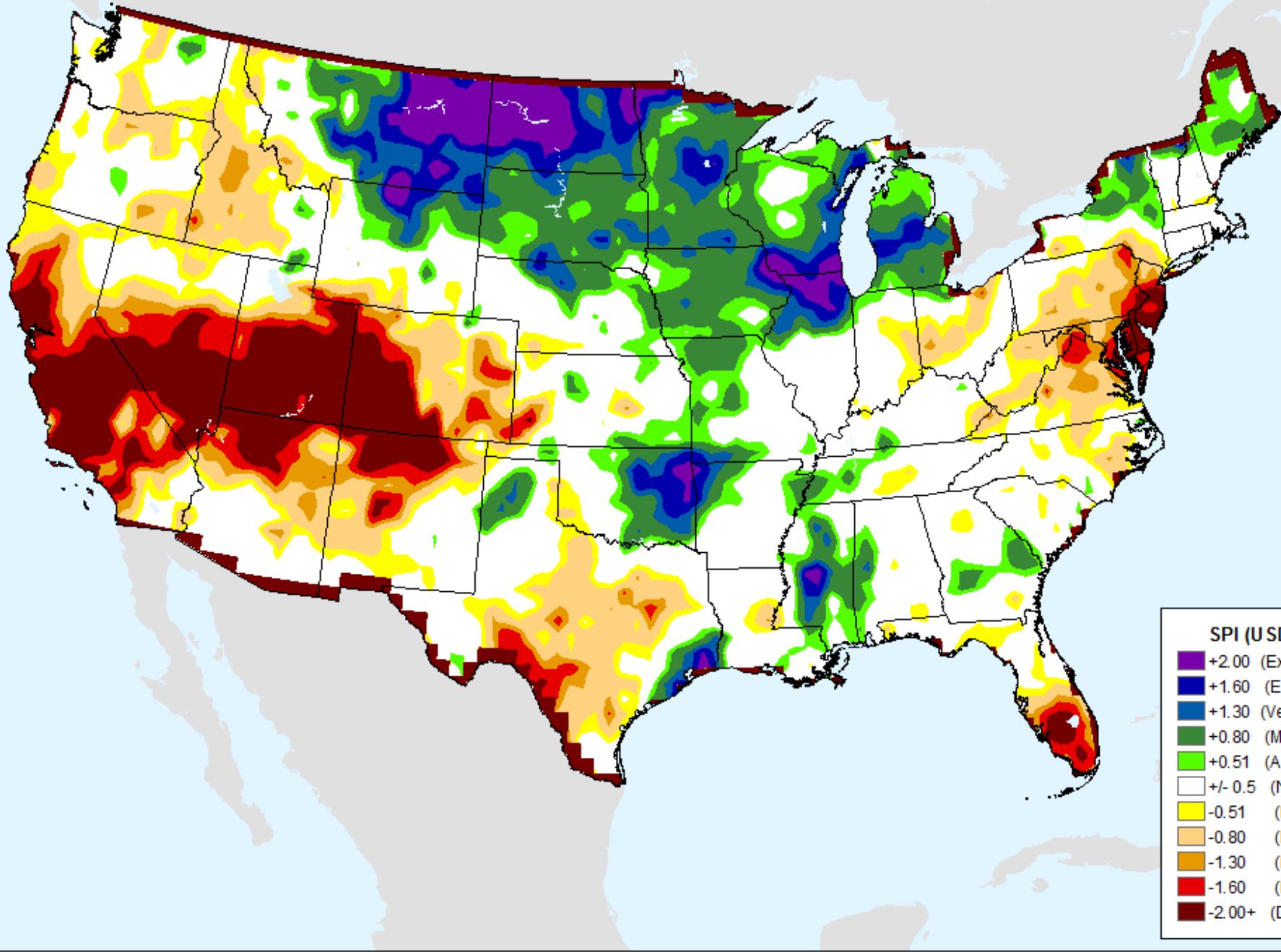


SPI (USDM)	
+2.00	(Excp Moist)
+1.60	(Extremly Moist)
+1.30	(Very Moist)
+0.80	(Mod Moist)
+0.51	(Abn Moist)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

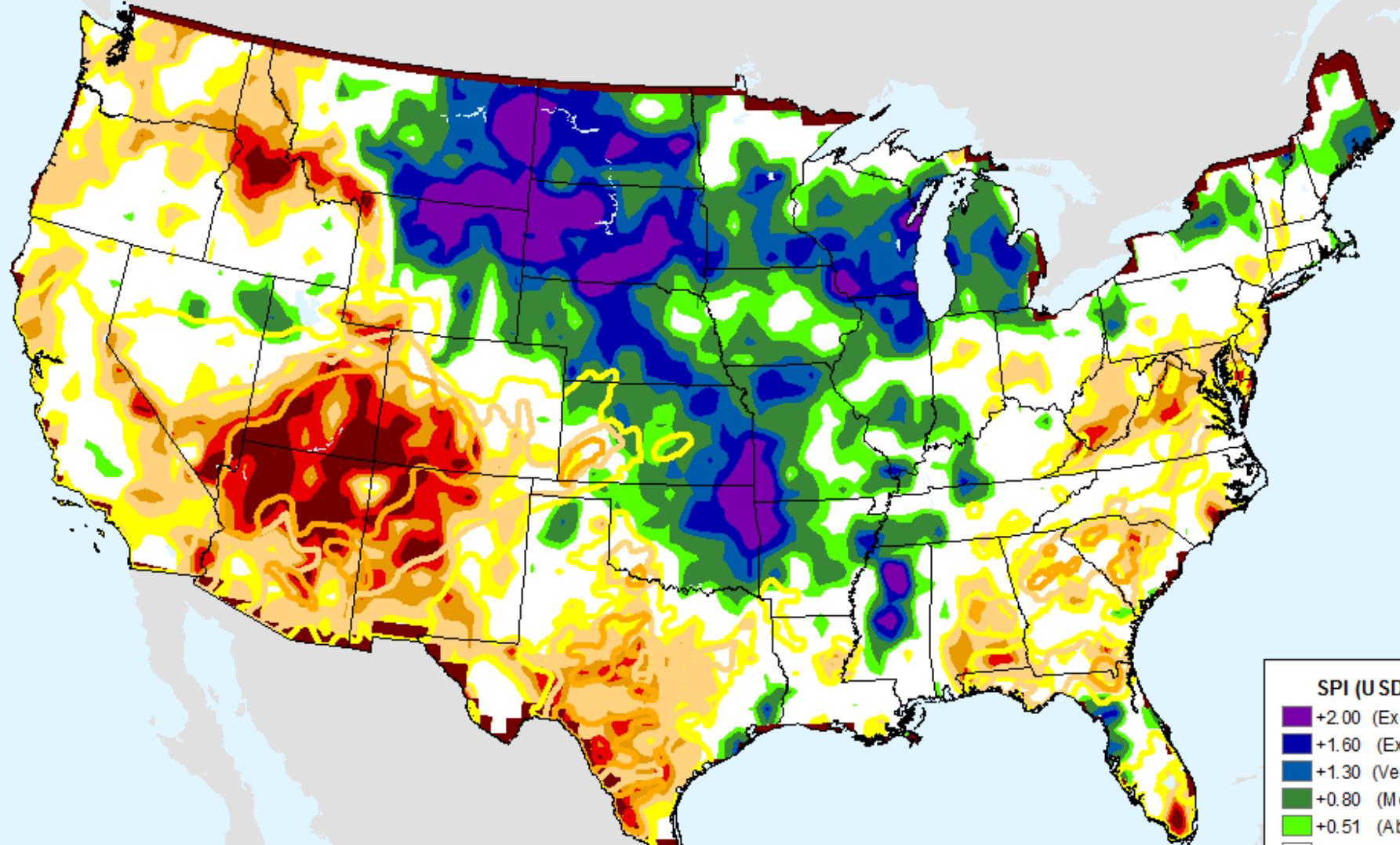
CPC 3-month SPI

As of: Tuesday, November 19, 2019



CPC 6-month SPI

As of: Tuesday, November 19, 2019

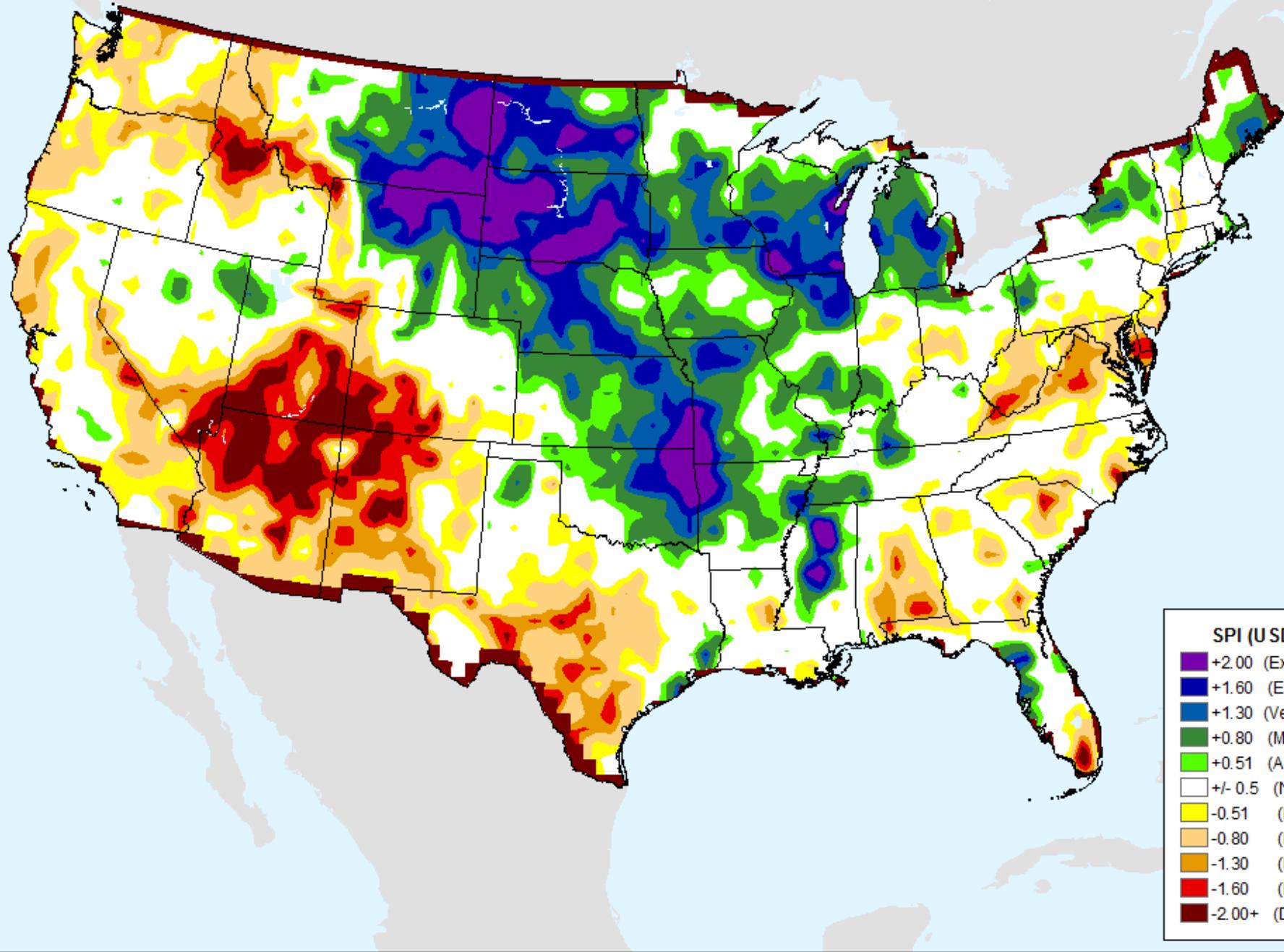


SPI (USDM)
+2.00 (Excp Mois)
+1.60 (Ext Mois)
+1.30 (Very Mois)
+0.80 (Mod Mois)
+/- 0.5 (Normal)
-0.51 (D0)
-0.80 (D1)
-1.30 (D2)
-1.60 (D3)
-2.00+ (D4)

USDM for: Nov. 12, 2019

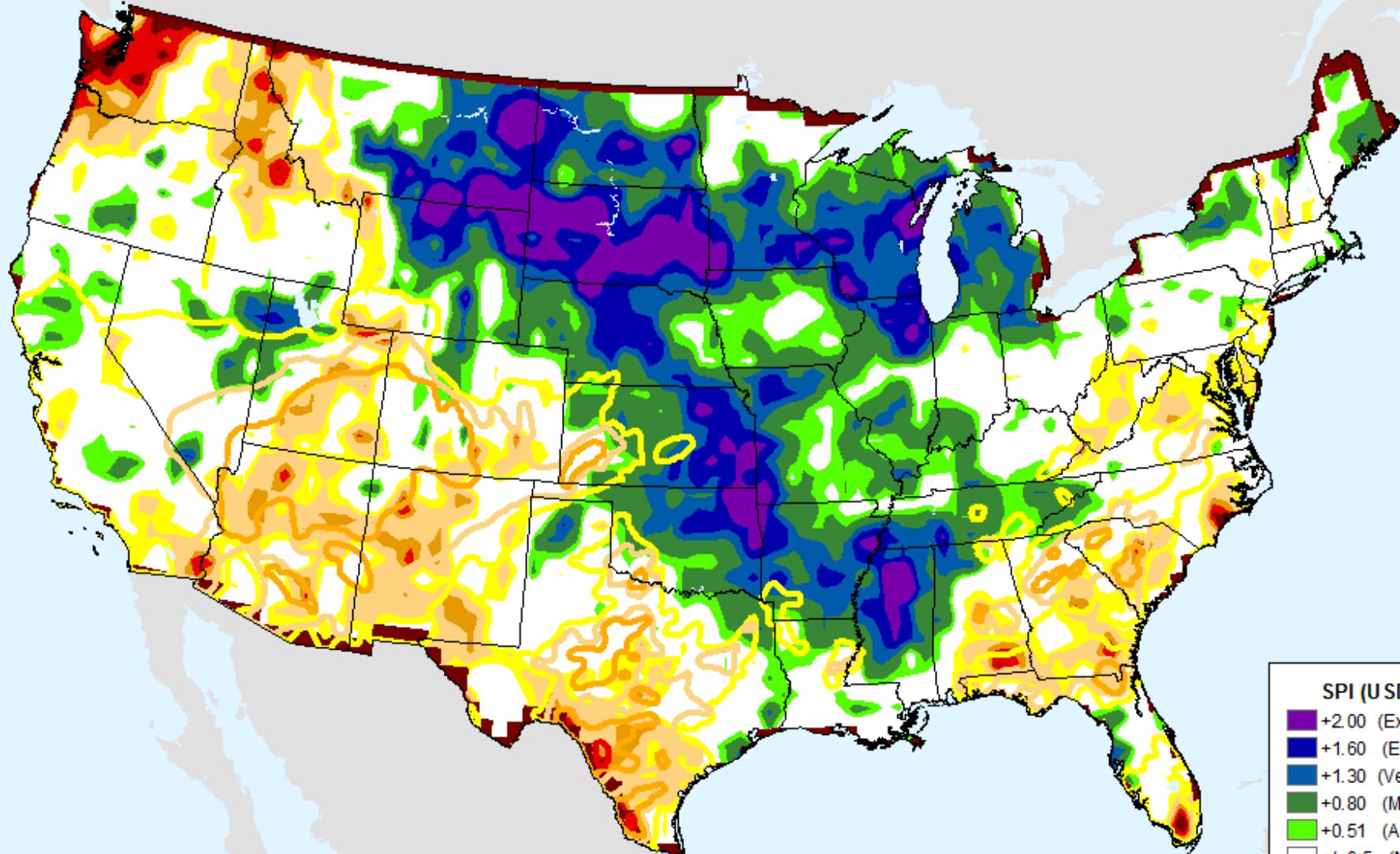
CPC 6-month SPI

As of: Tuesday, November 19, 2019



CPC 9-month SPI

As of: Tuesday, November 19, 2019

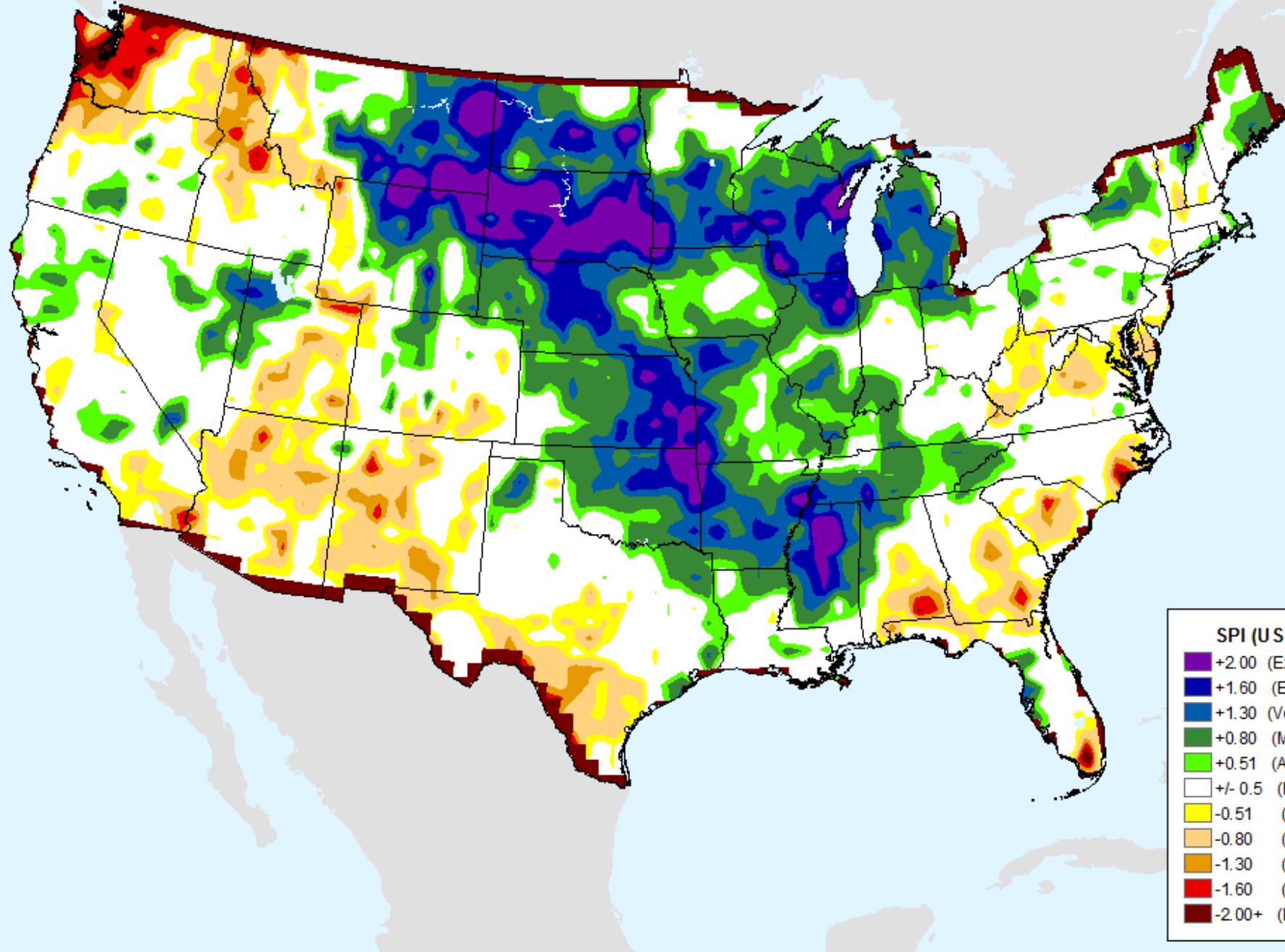


SPI (U SDM)	
+2.00	(Excp Moist)
+1.60	(Ext Mois)
+1.30	(Very Mois)
+0.80	(Mod Mois)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

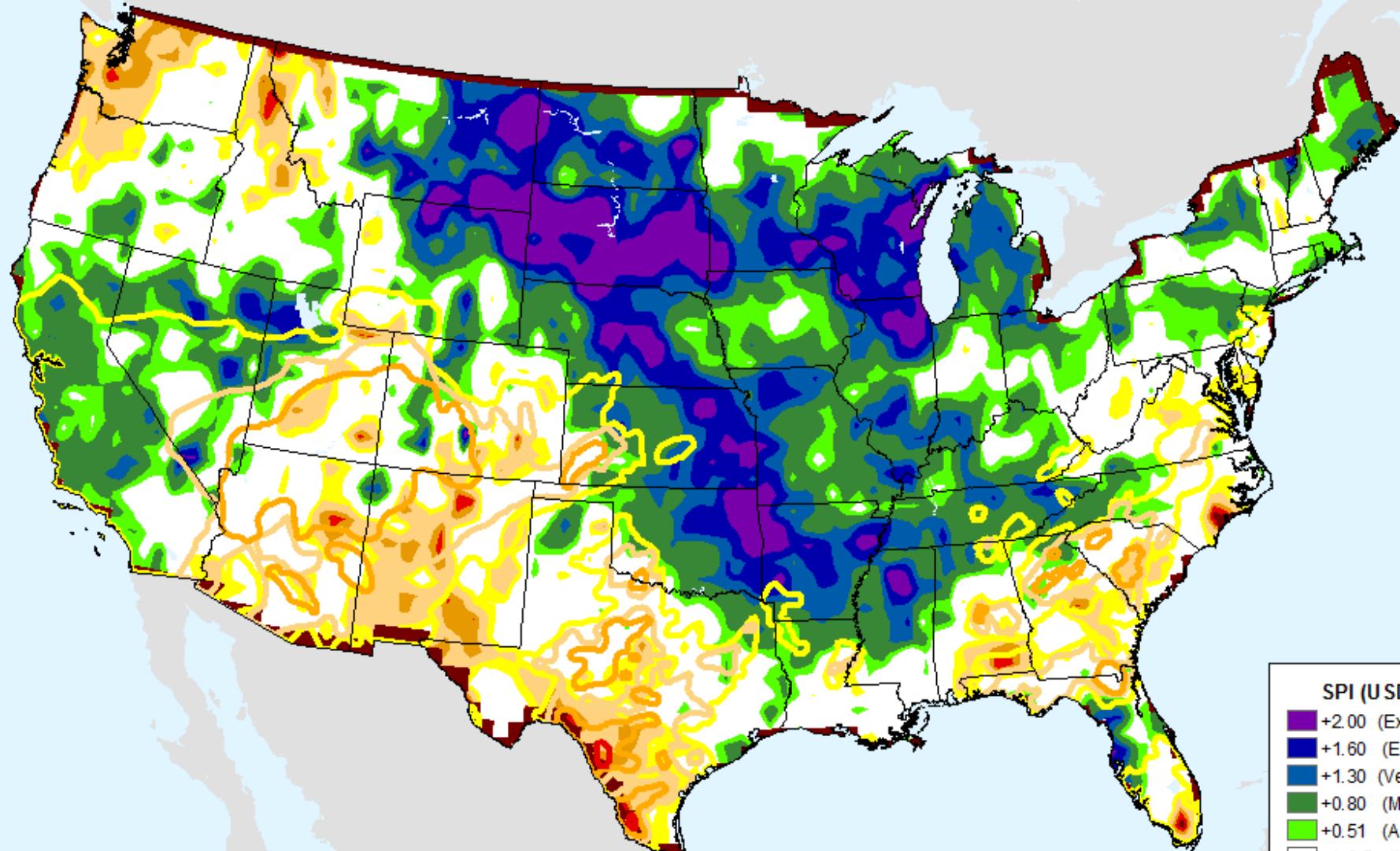
CPC 9-month SPI

As of: Tuesday, November 19, 2019



CPC 12-month SPI

As of: Tuesday, November 19, 2019

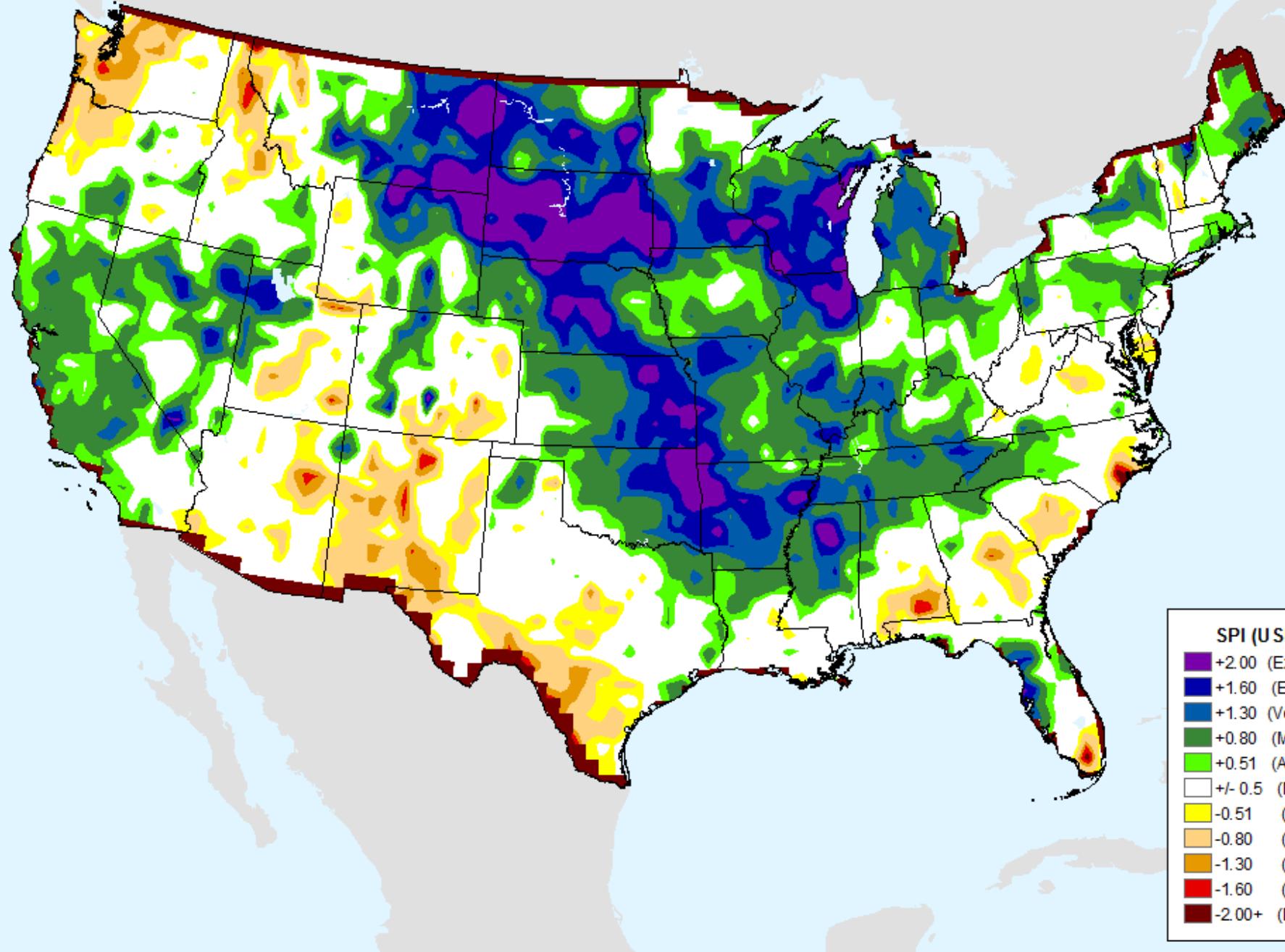


SPI (USDM)	
+2.00	(Excp Moist)
+1.60	(Ext Mois)
+1.30	(Very Mois)
+0.80	(Mod Mois)
+0.51	(Abn Mois)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

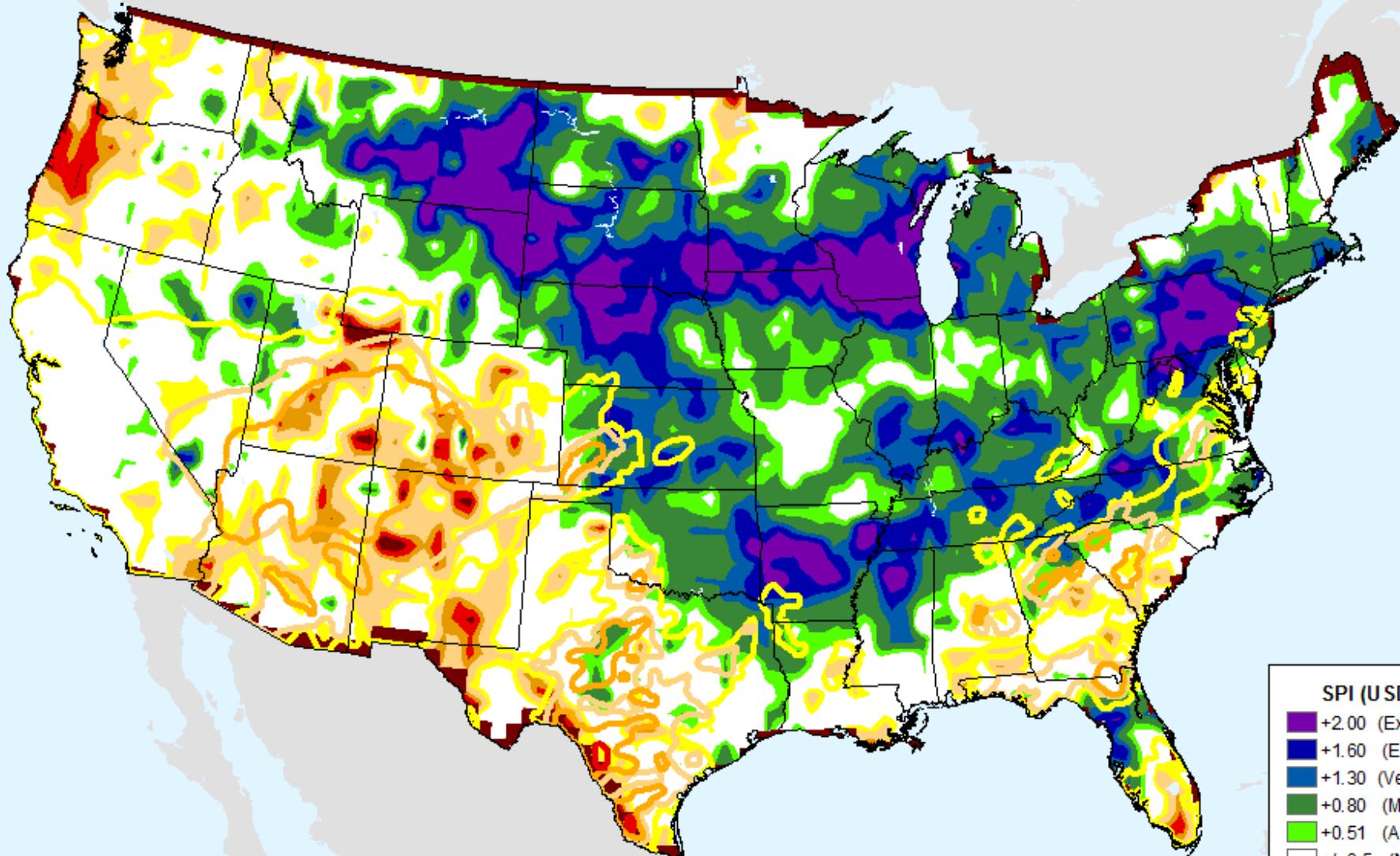
CPC 12-month SPI

As of: Tuesday, November 19, 2019



CPC 24-month SPI

As of: Tuesday, November 19, 2019

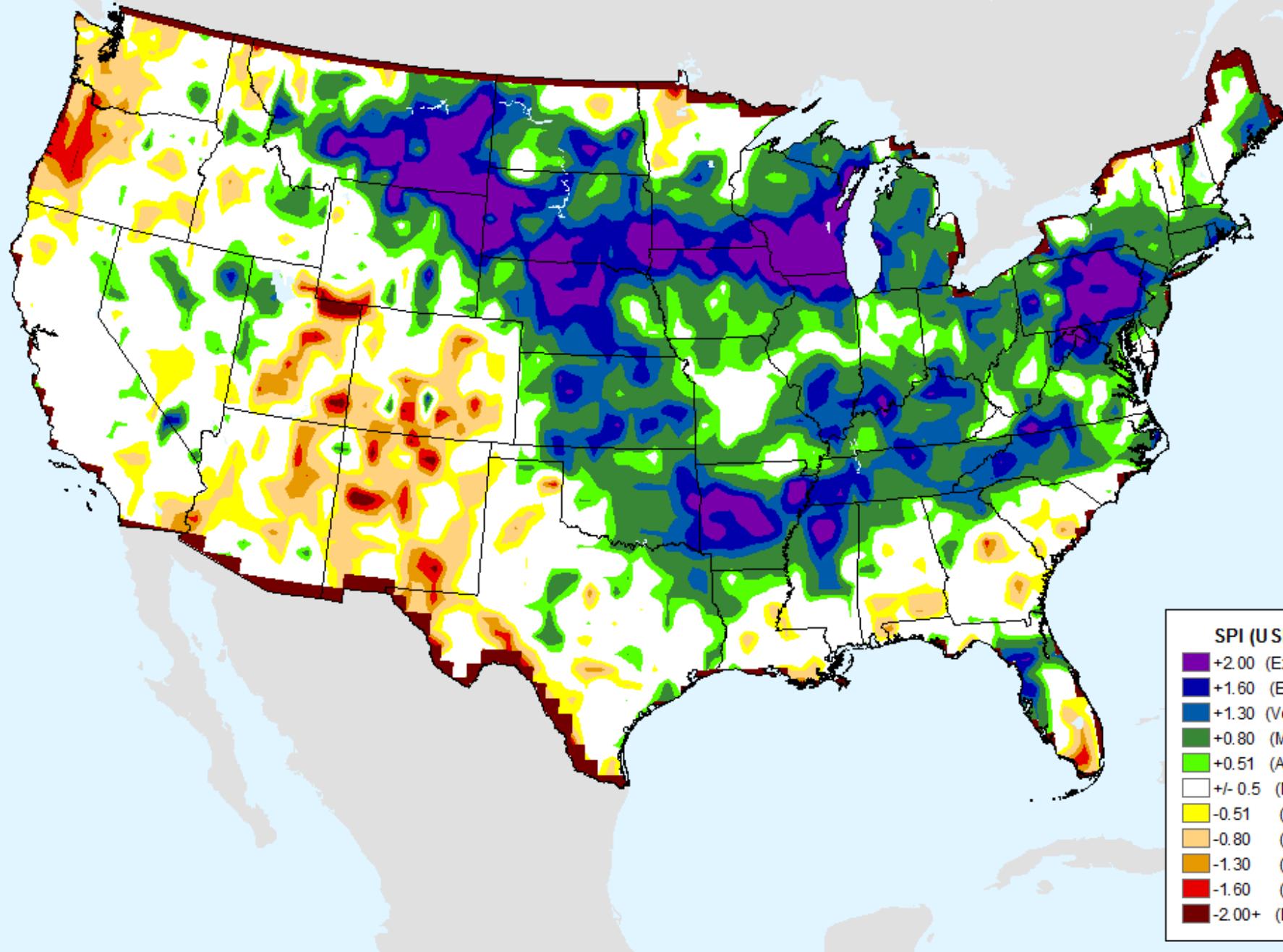


SPI (U SDM)	
+2.00	(Excp Mois)
+1.60	(Extr Mois)
+1.30	(Very Mois)
+0.80	(Mod Mois)
+0.51	(Abn Mois)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

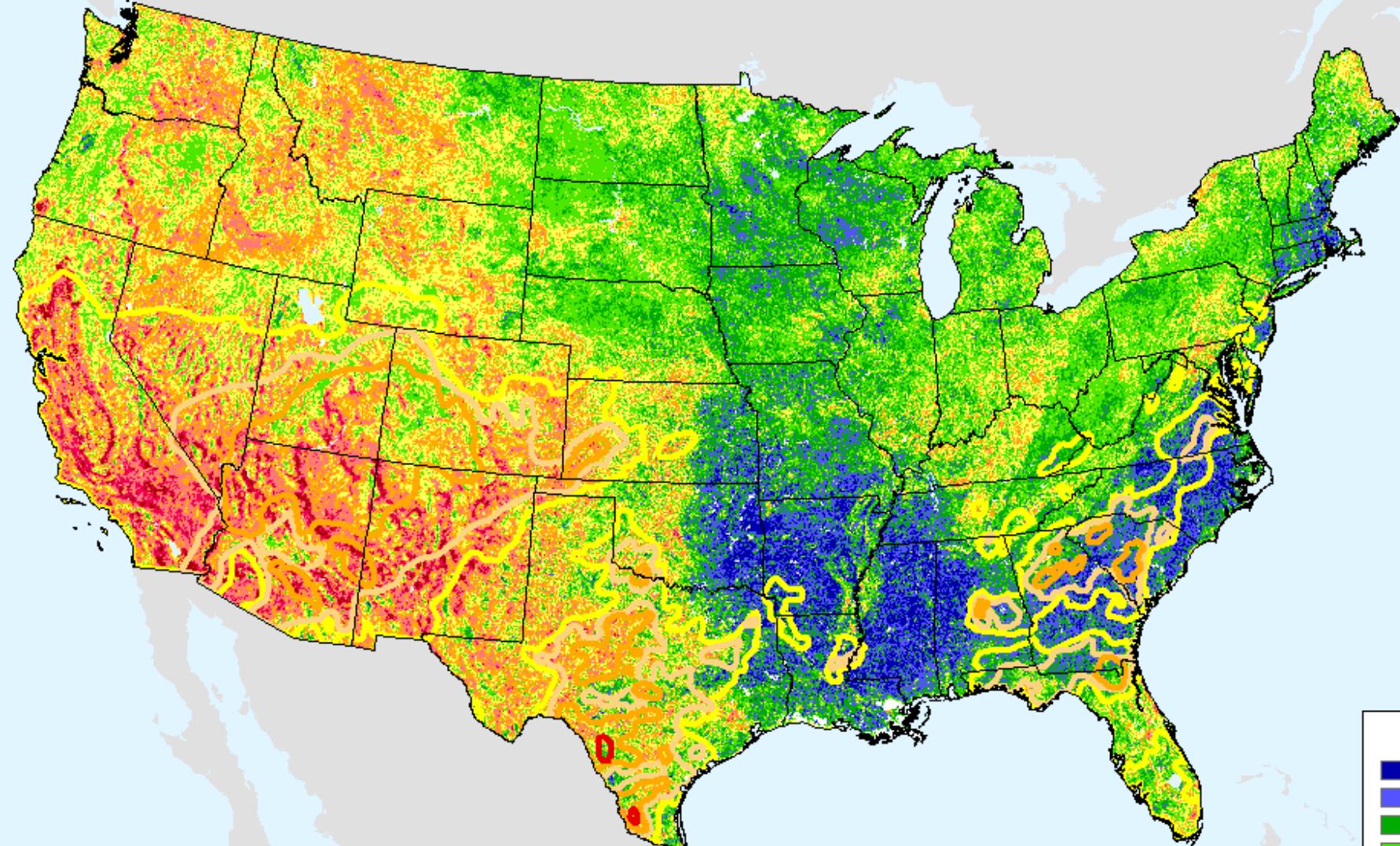
CPC 24-month SPI

As of: Tuesday, November 19, 2019



Vegetation Health Index

As of: Tuesday, November 19, 2019

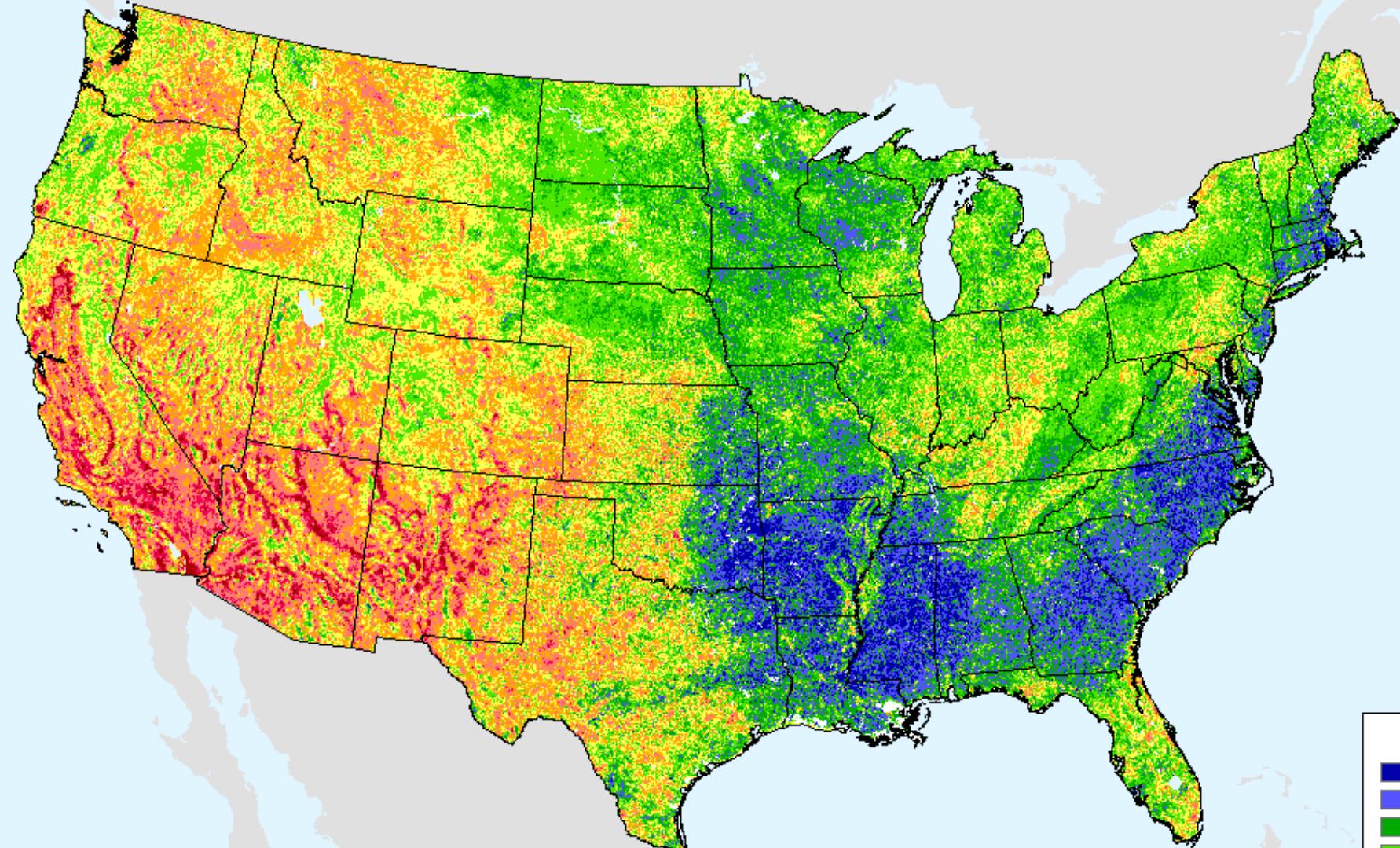


VHI
85 - 100
73 - 84
61 - 72
49 - 60
37 - 48
25 - 36
13 - 24
7 - 12
1 - 6

USDM for: Nov. 12, 2019

Vegetation Health Index

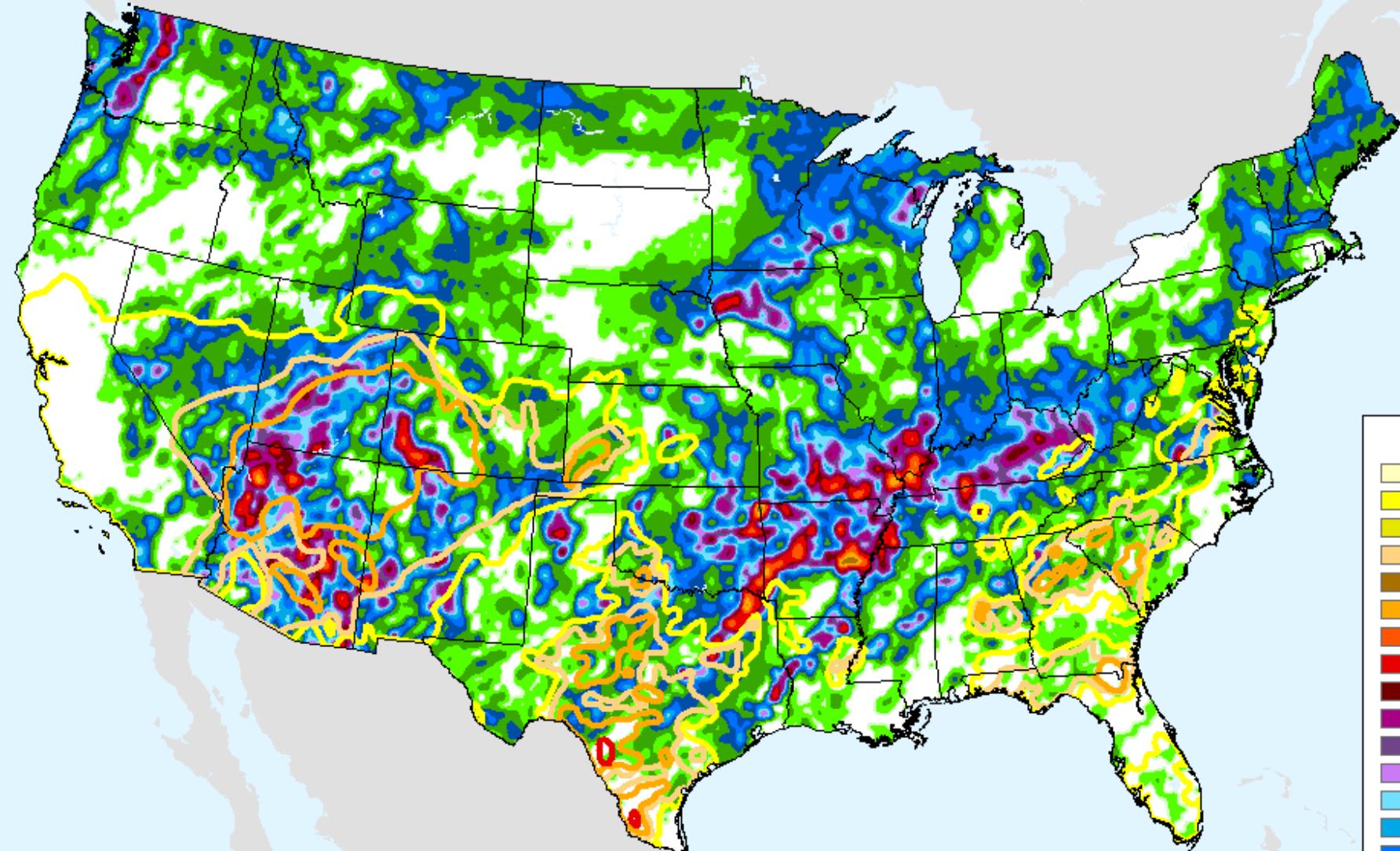
As of: Tuesday, November 19, 2019



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

GFS (00z) 7-Day Precip Forecast

As of: Tuesday, November 19, 2019

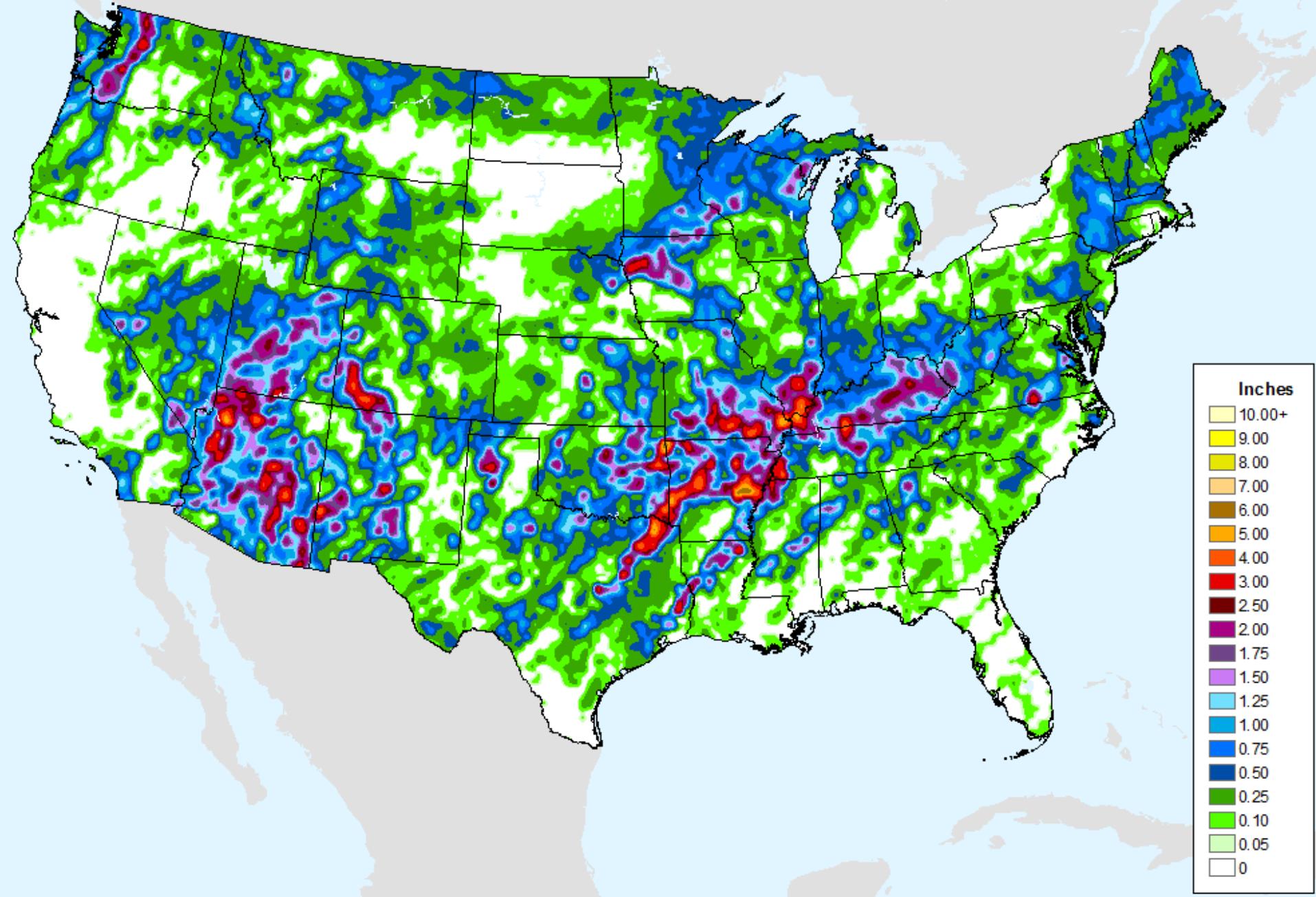


Inches
10.00+
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.50
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.10
0.05
0

USDM for: Nov. 12, 2019

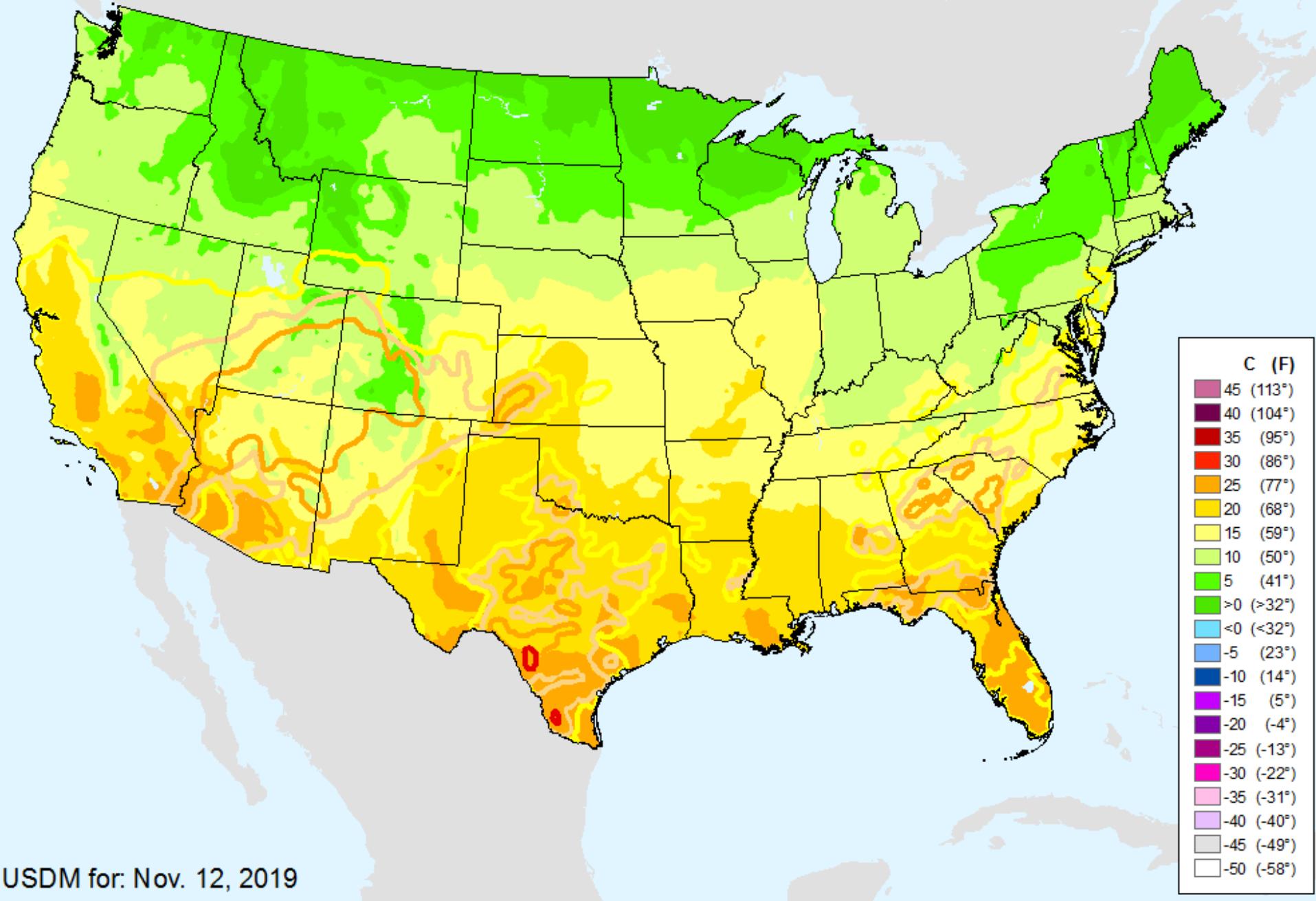
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, November 19, 2019



GFS (00z) 7-Day Max Temp Forecast

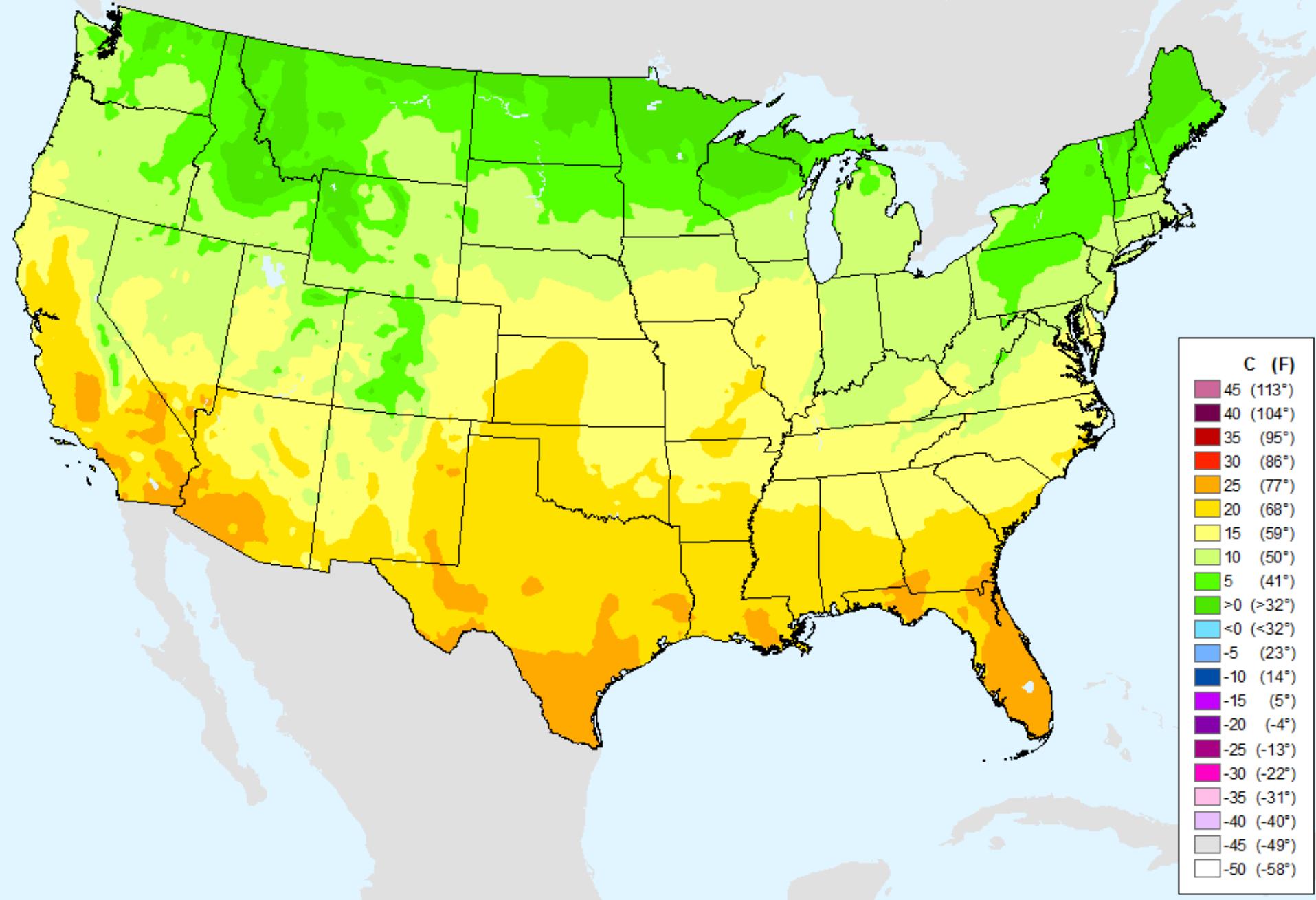
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

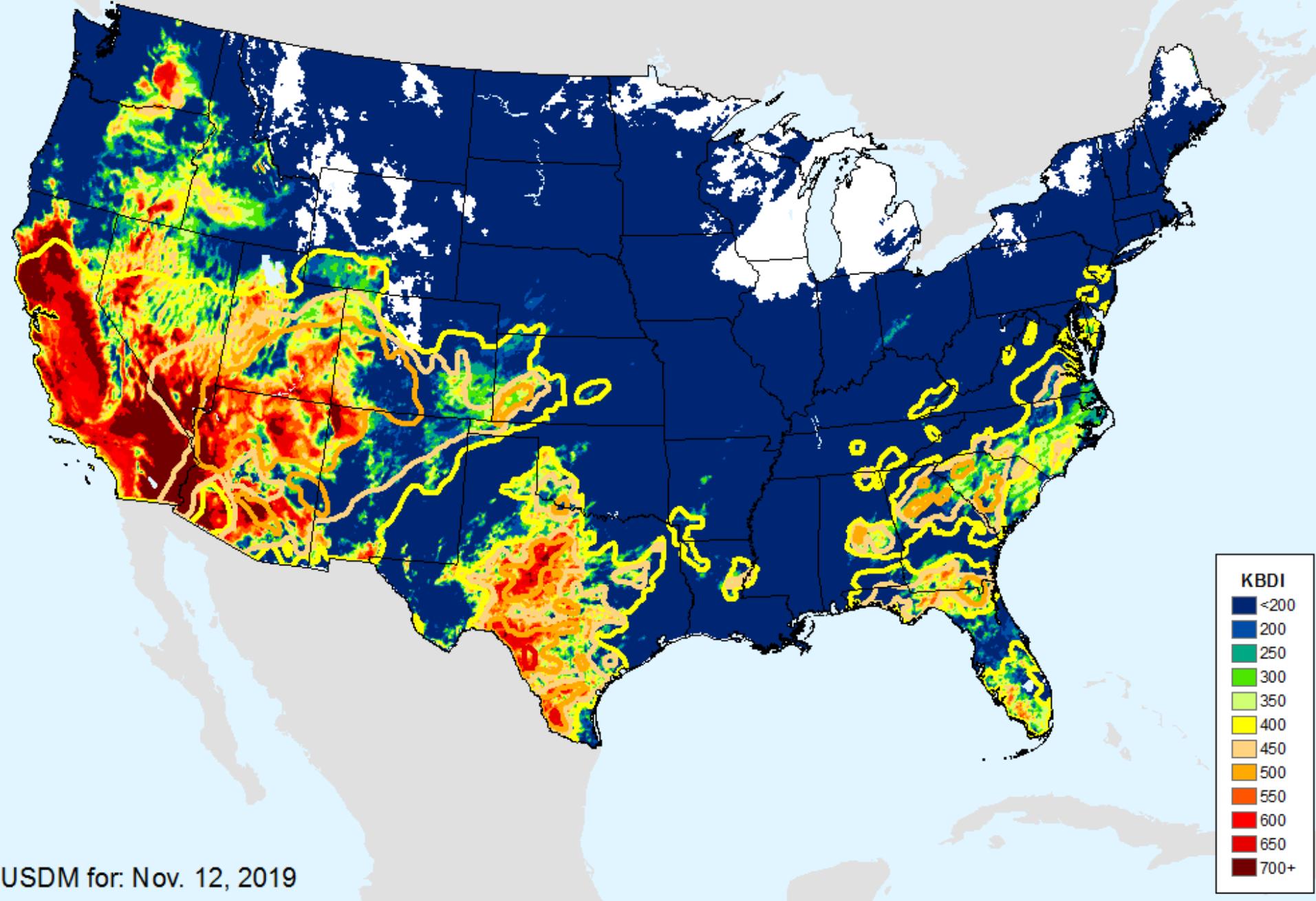
GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, November 19, 2019



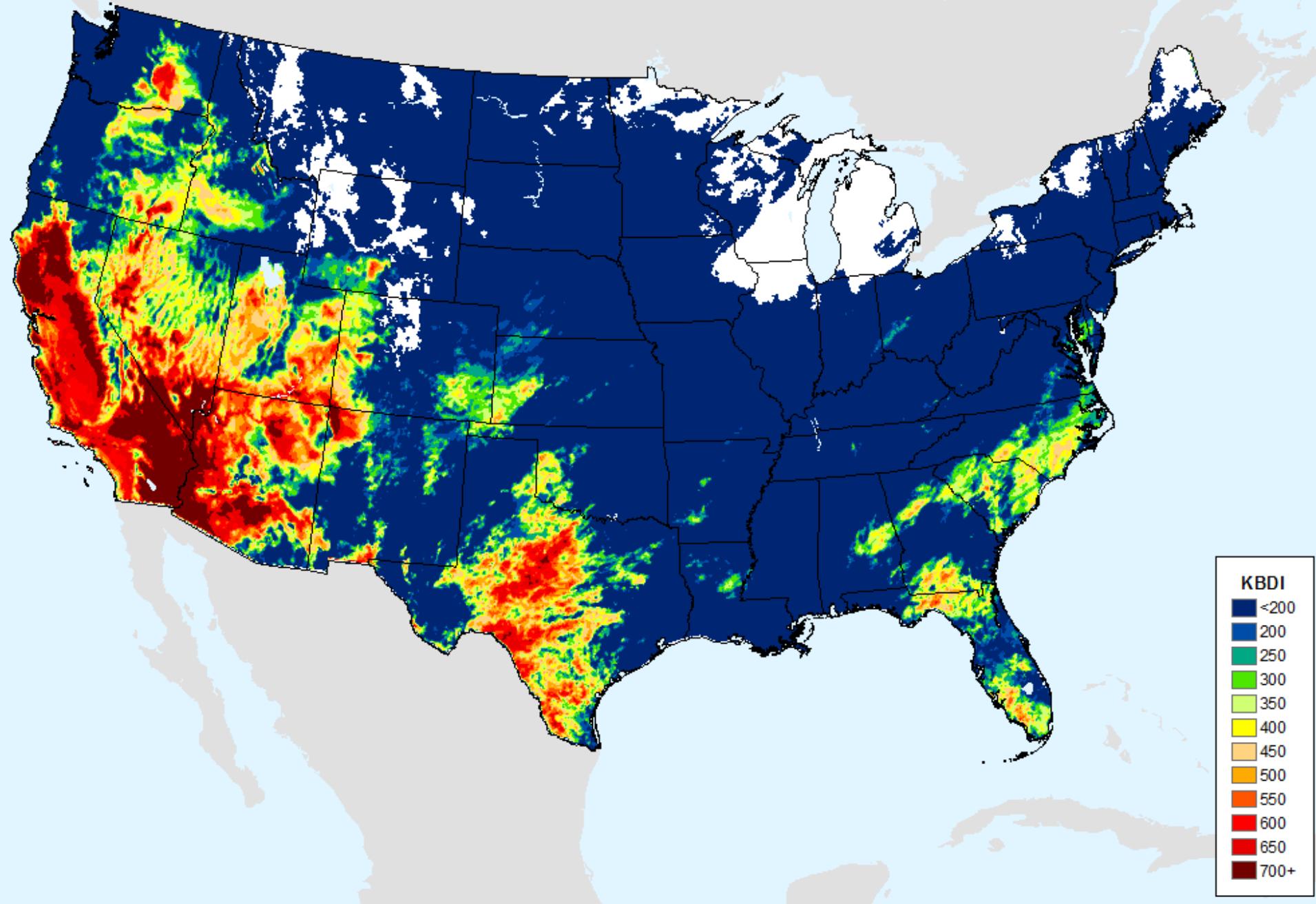
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, November 19, 2019



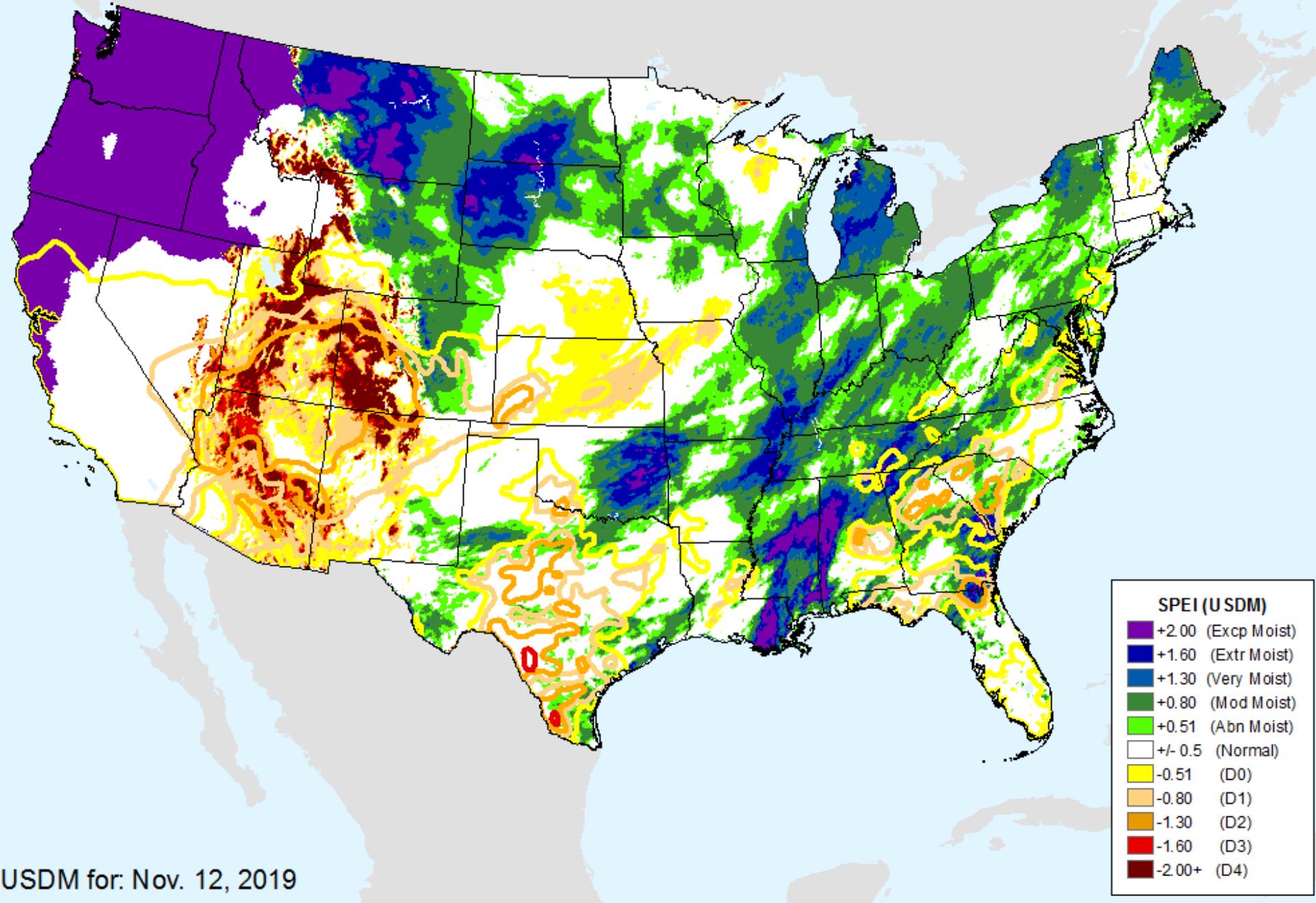
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, November 19, 2019



AHPS 1-month SPEI

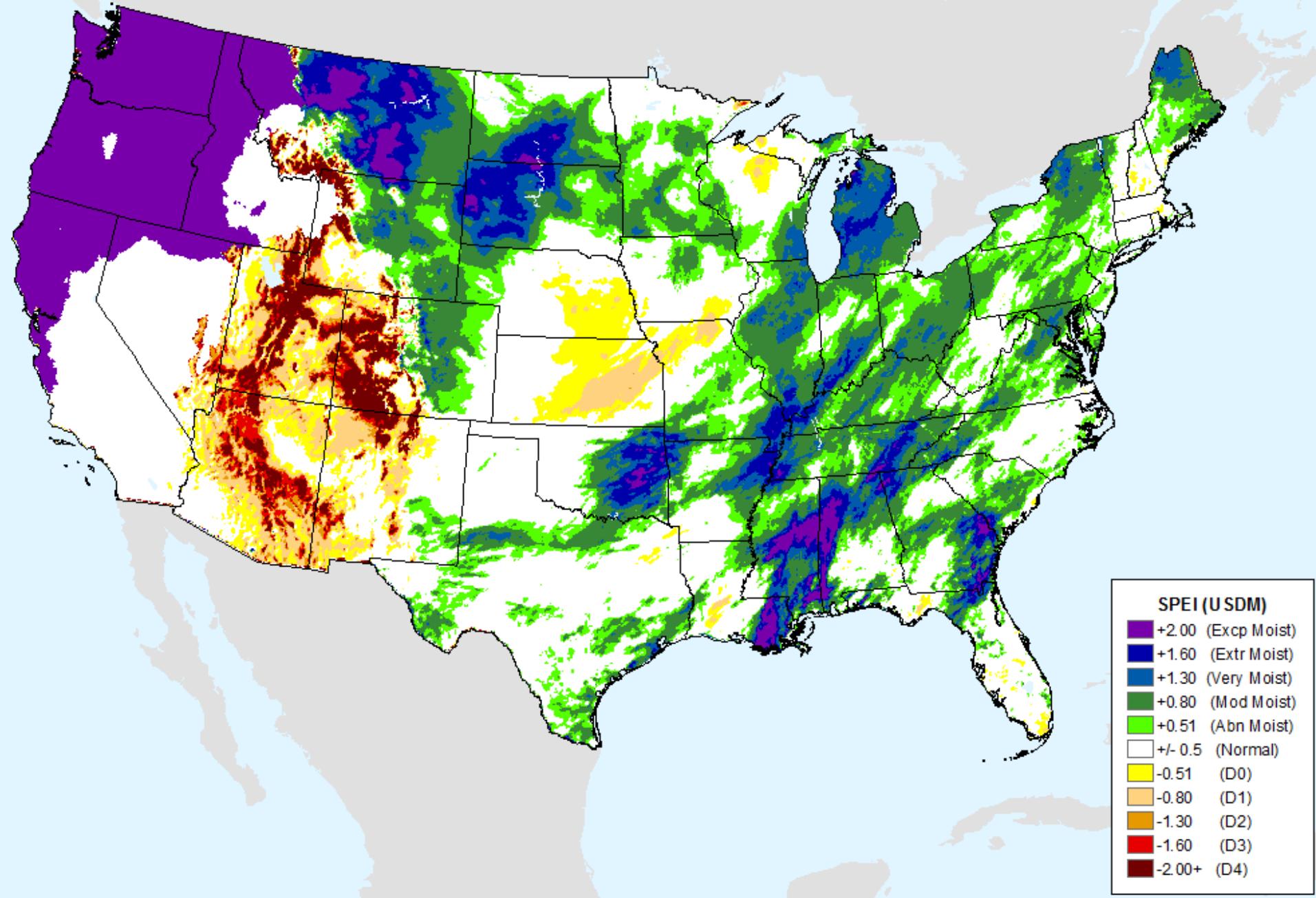
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

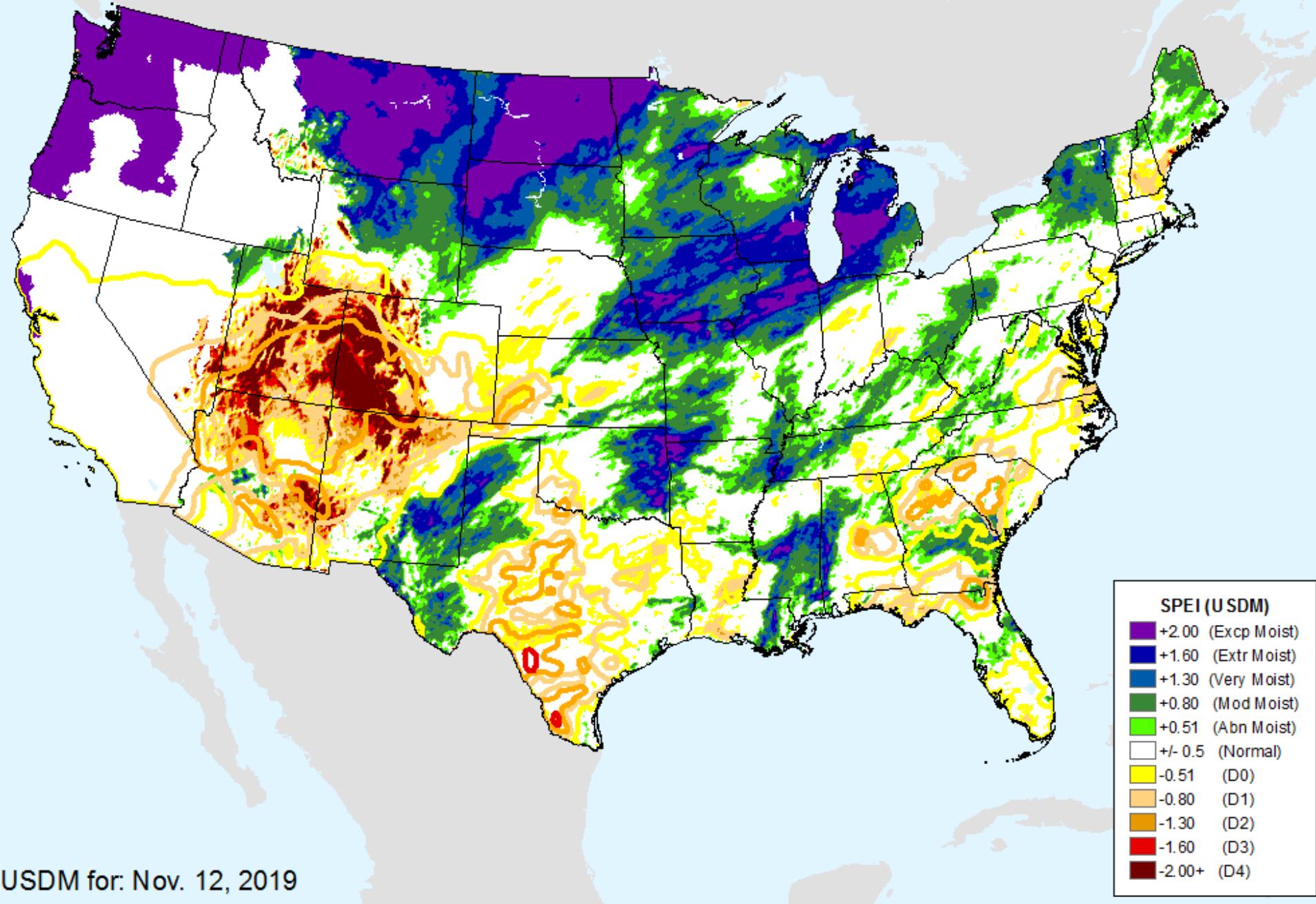
AHPS 1-month SPEI

As of: Tuesday, November 19, 2019



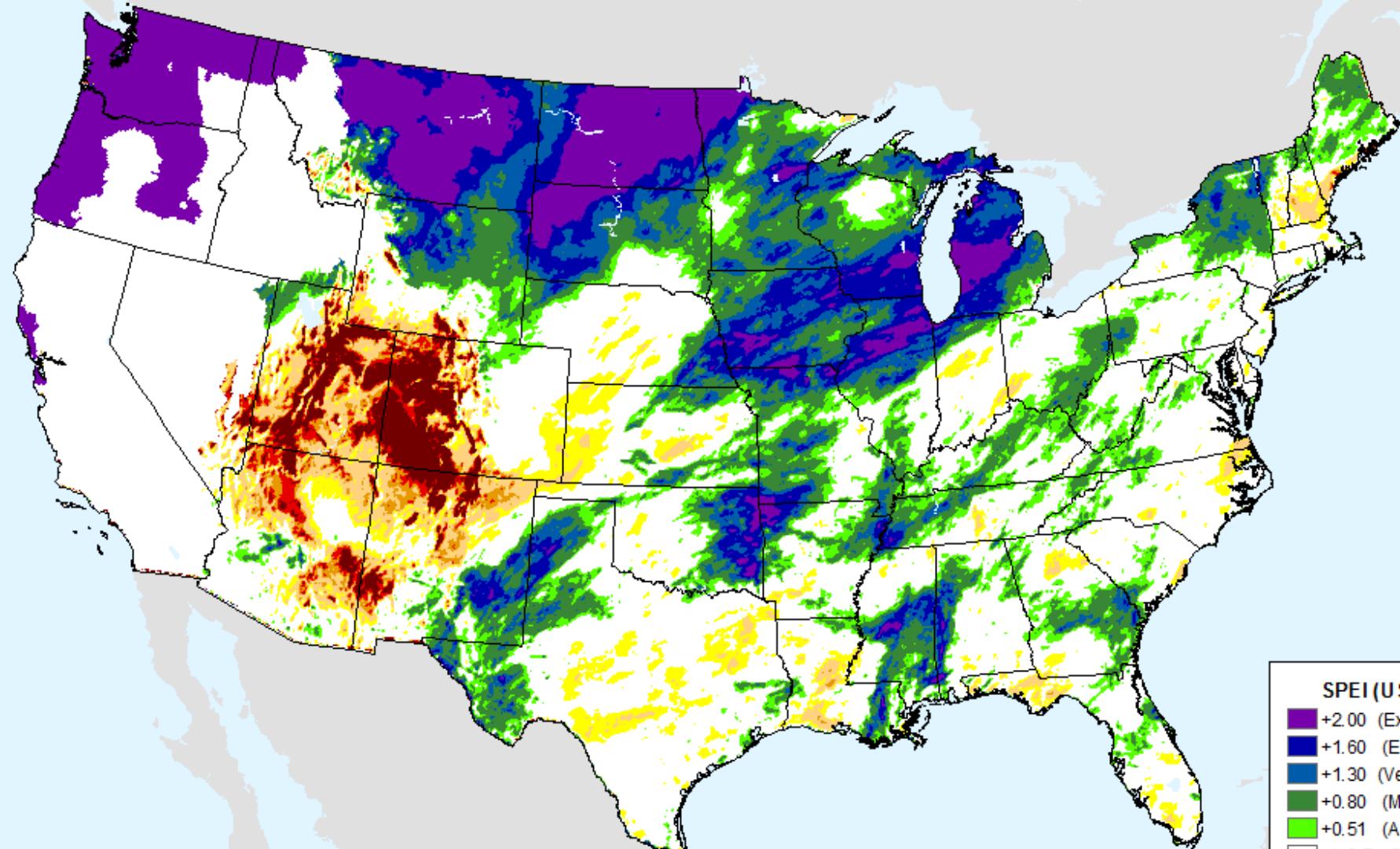
AHPS 2-month SPEI

As of: Tuesday, November 19, 2019



AHPS 2-month SPEI

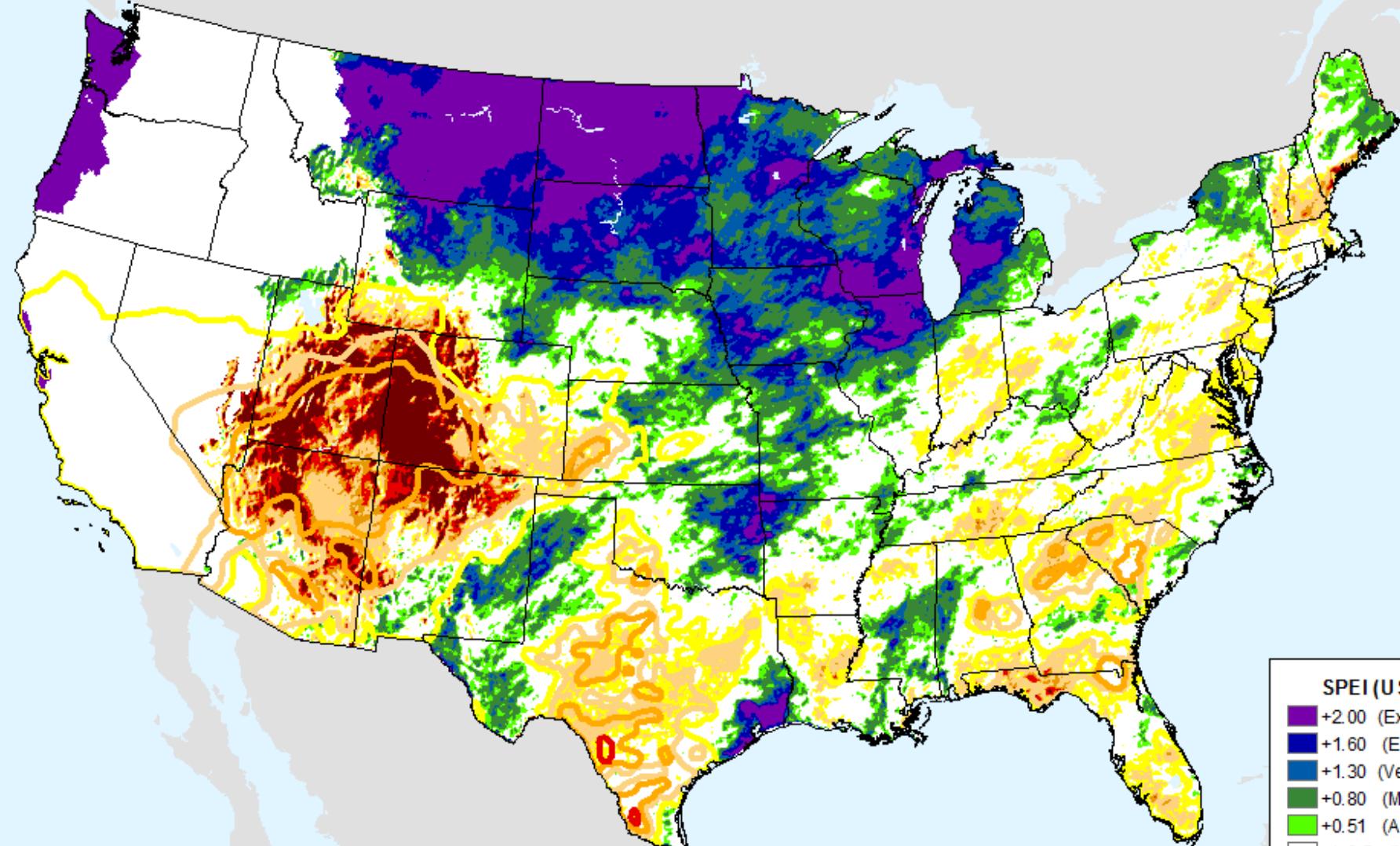
As of: Tuesday, November 19, 2019



SPEI (USD M)
+2.00 (Excp Moist)
+1.60 (Ext Mois)
+1.30 (Very Mois)
+0.80 (Mod Mois)
+0.51 (Abn Mois)
+/- 0.5 (Normal)
-0.51 (D0)
-0.80 (D1)
-1.30 (D2)
-1.60 (D3)
-2.00+ (D4)

AHPS 3-month SPEI

As of: Tuesday, November 19, 2019

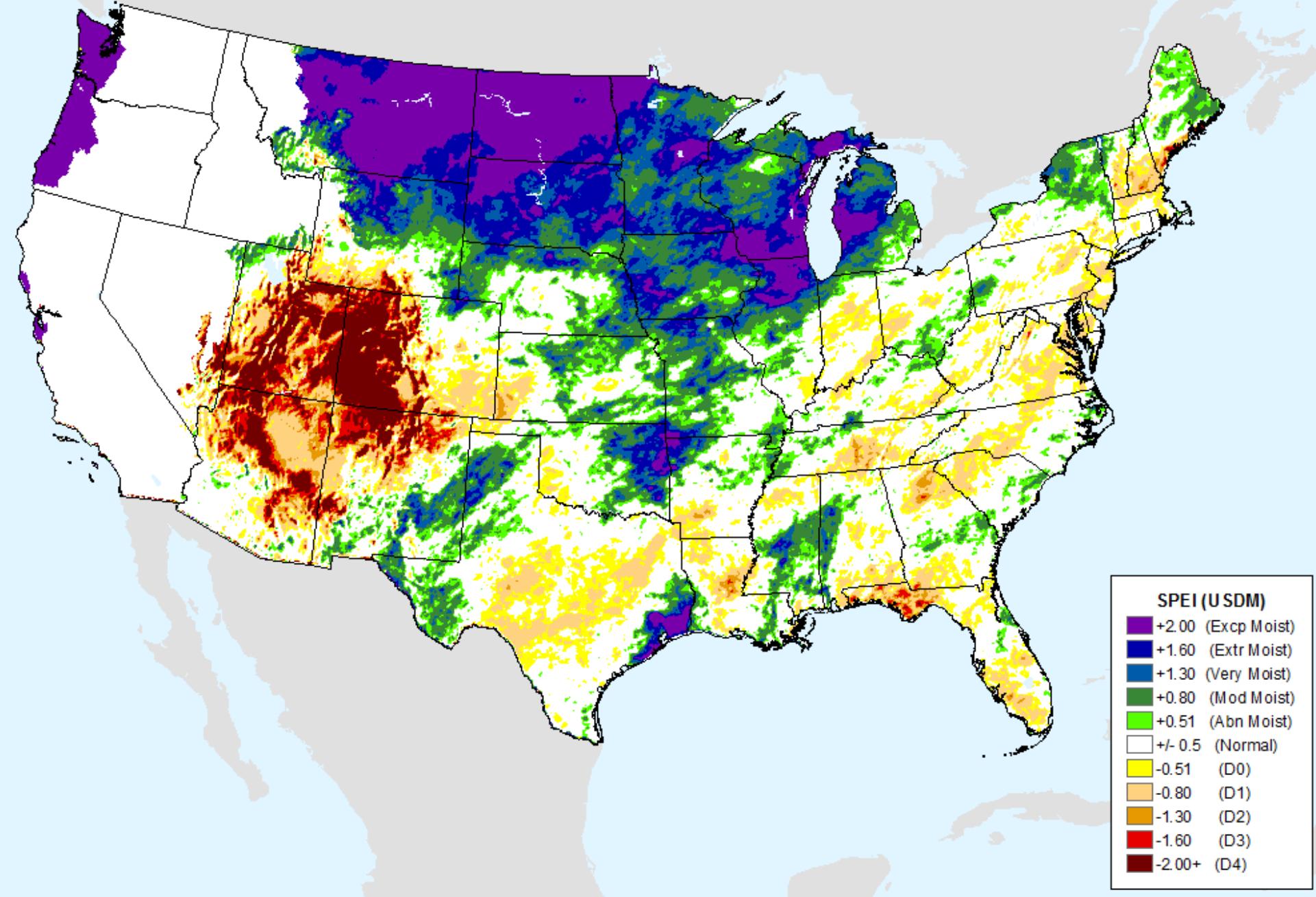


SPEI (USDIM)
+2.00 (Excp Mois)
+1.60 (Extr Mois)
+1.30 (Very Mois)
+0.80 (Mod Mois)
+0.51 (Abn Mois)
+/- 0.5 (Normal)
-0.51 (D0)
-0.80 (D1)
-1.30 (D2)
-1.60 (D3)
-2.00+ (D4)

USDM for: Nov. 12, 2019

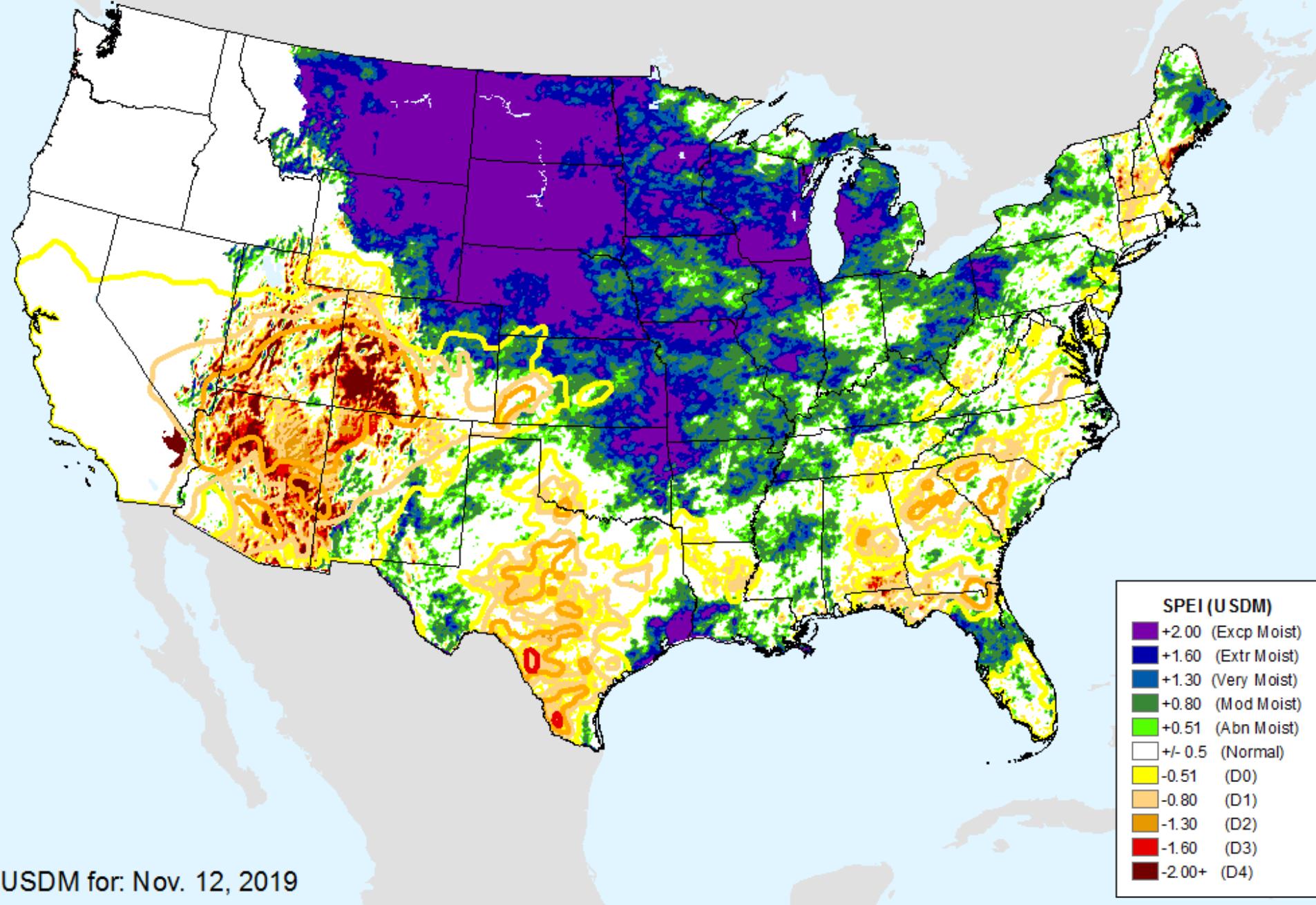
AHPS 3-month SPEI

As of: Tuesday, November 19, 2019



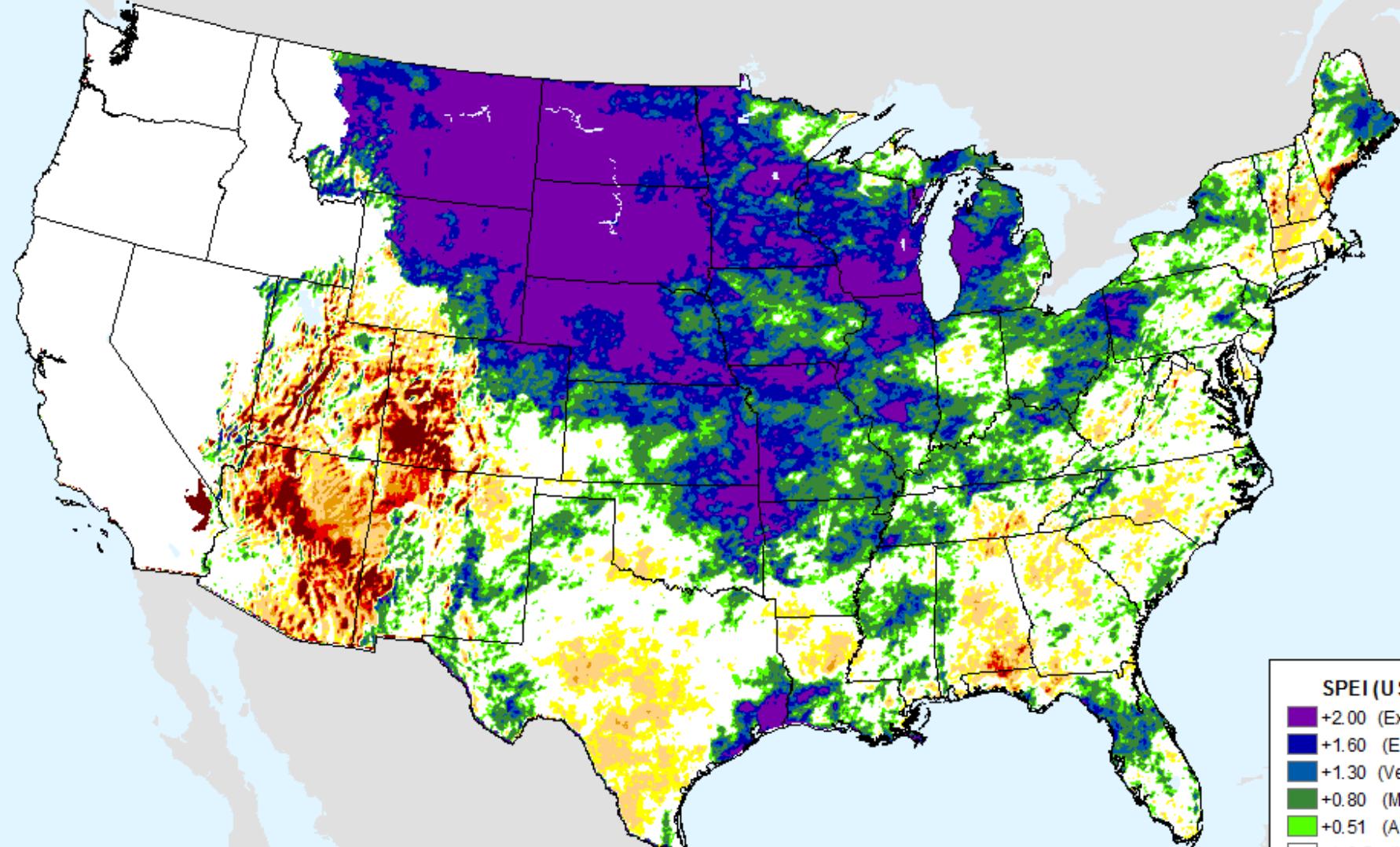
AHPS 6-month SPEI

As of: Tuesday, November 19, 2019



AHPS 6-month SPEI

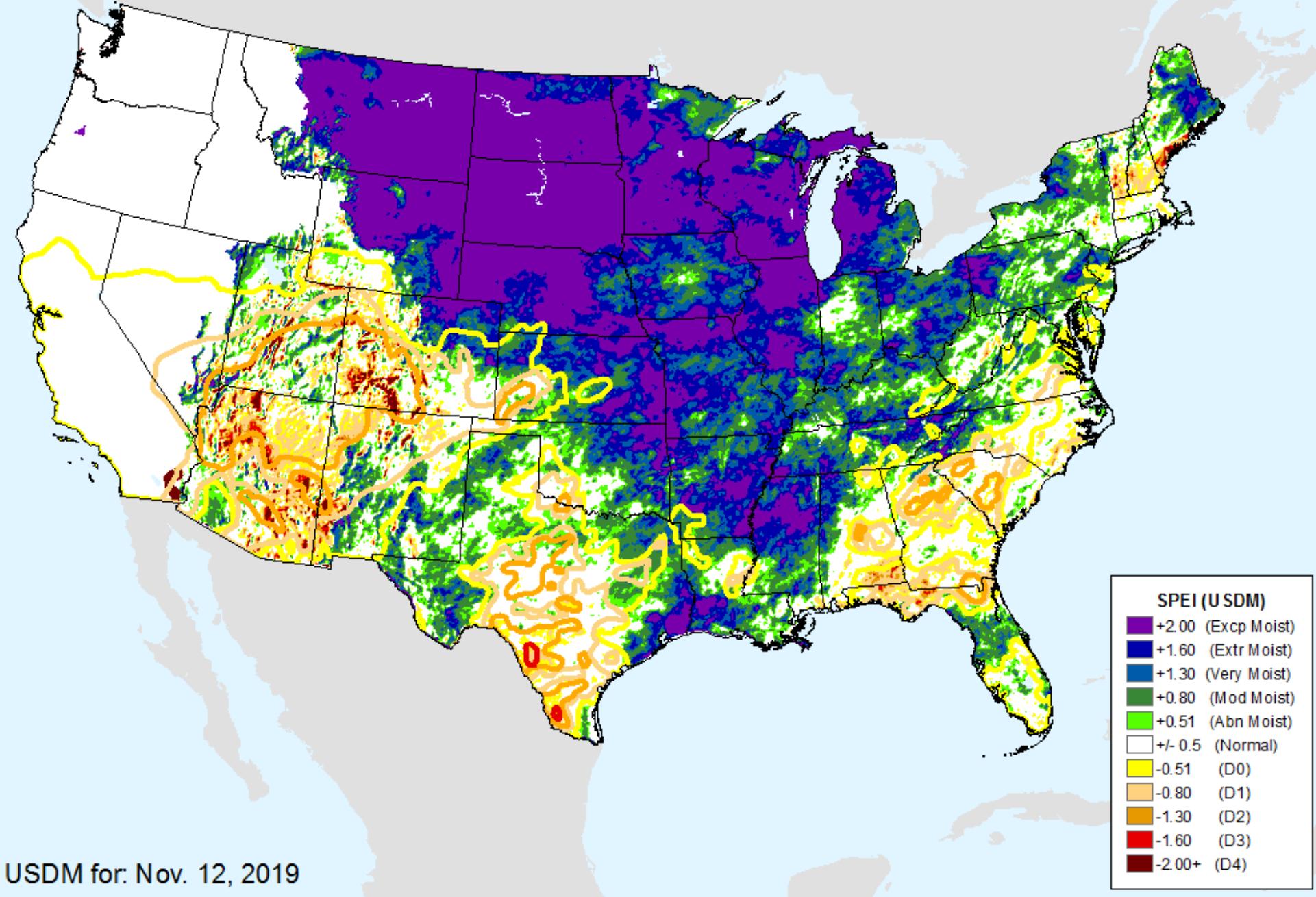
As of: Tuesday, November 19, 2019



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

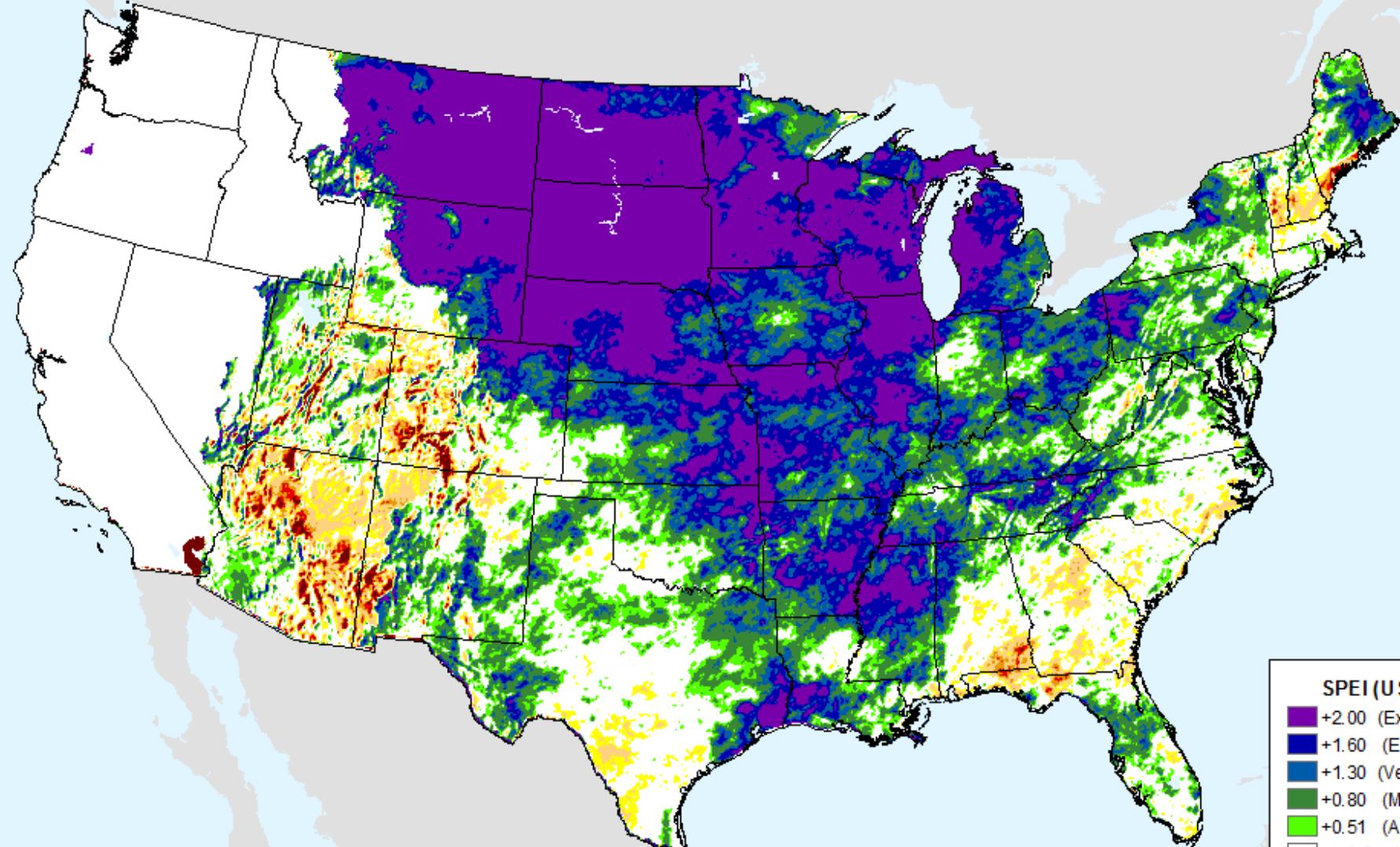
AHPS 9-month SPEI

As of: Tuesday, November 19, 2019



AHPS 9-month SPEI

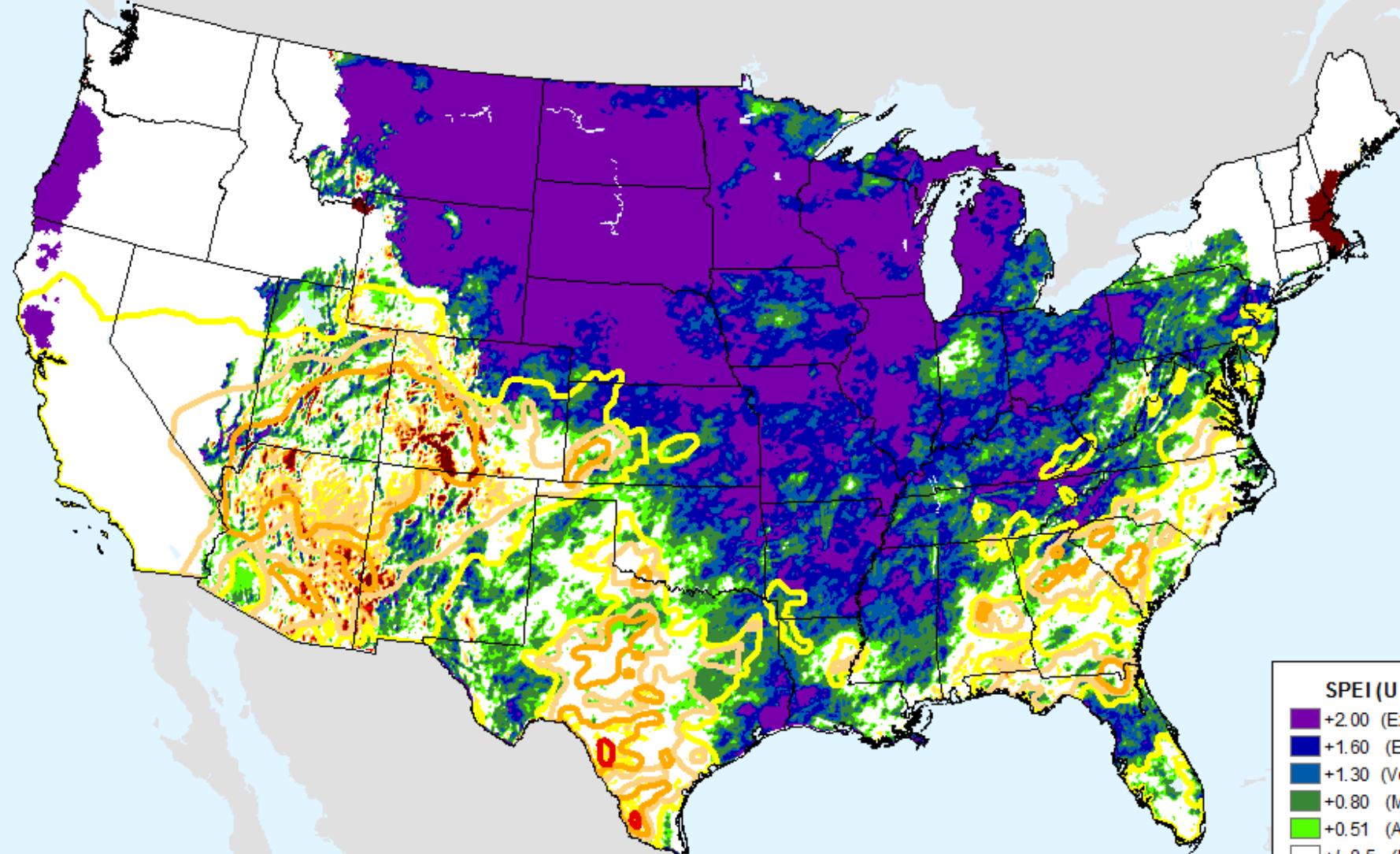
As of: Tuesday, November 19, 2019



SPEI (U SDM)	
+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)

AHPS 12-month SPEI

As of: Tuesday, November 19, 2019

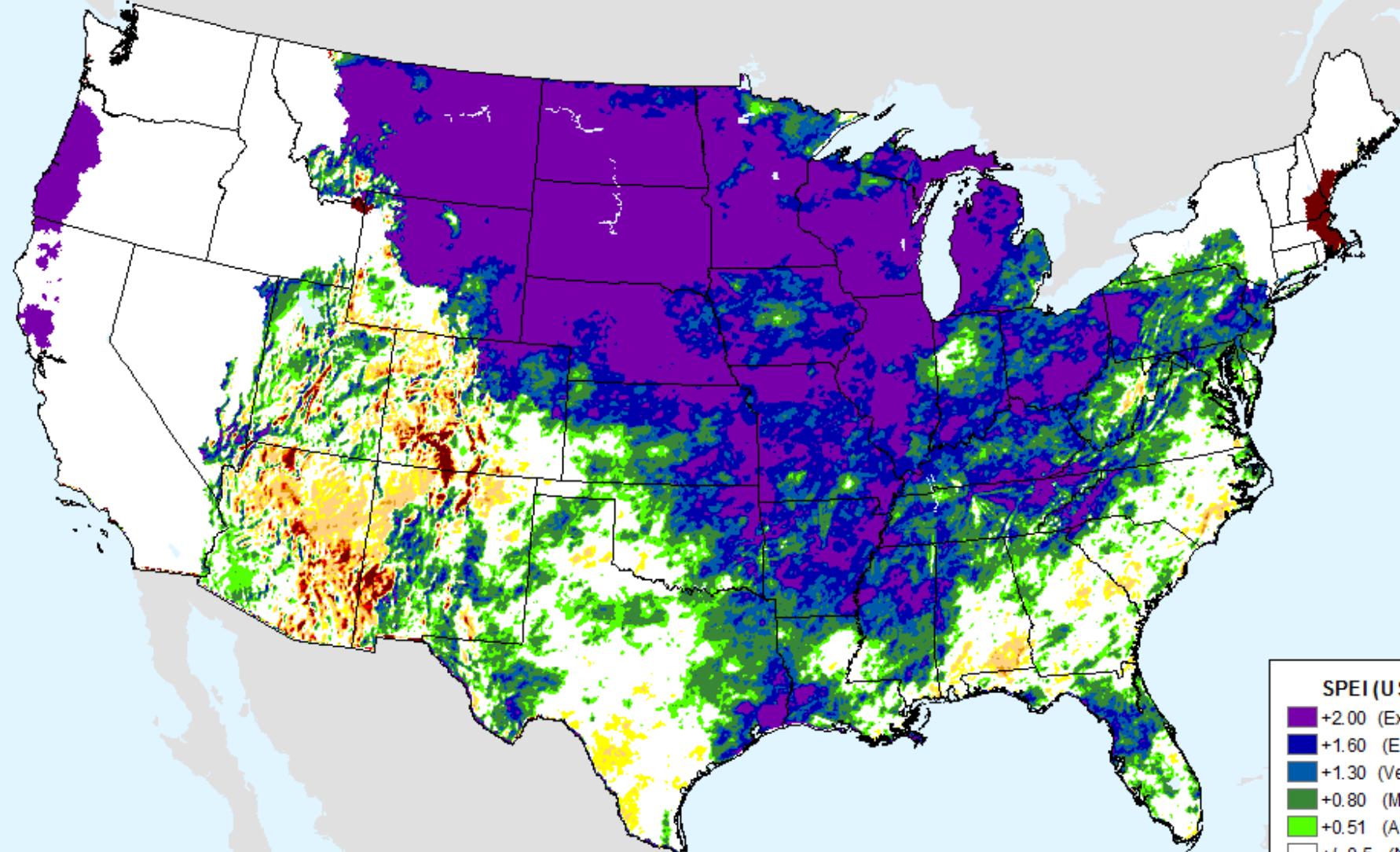


SPEI (U SDM)	
+2.00	(Excp Moist)
+1.60	(Ext Moist)
+1.30	(Very Moist)
+0.80	(Mod Moist)
+0.51	(Abn Moist)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

AHPS 12-month SPEI

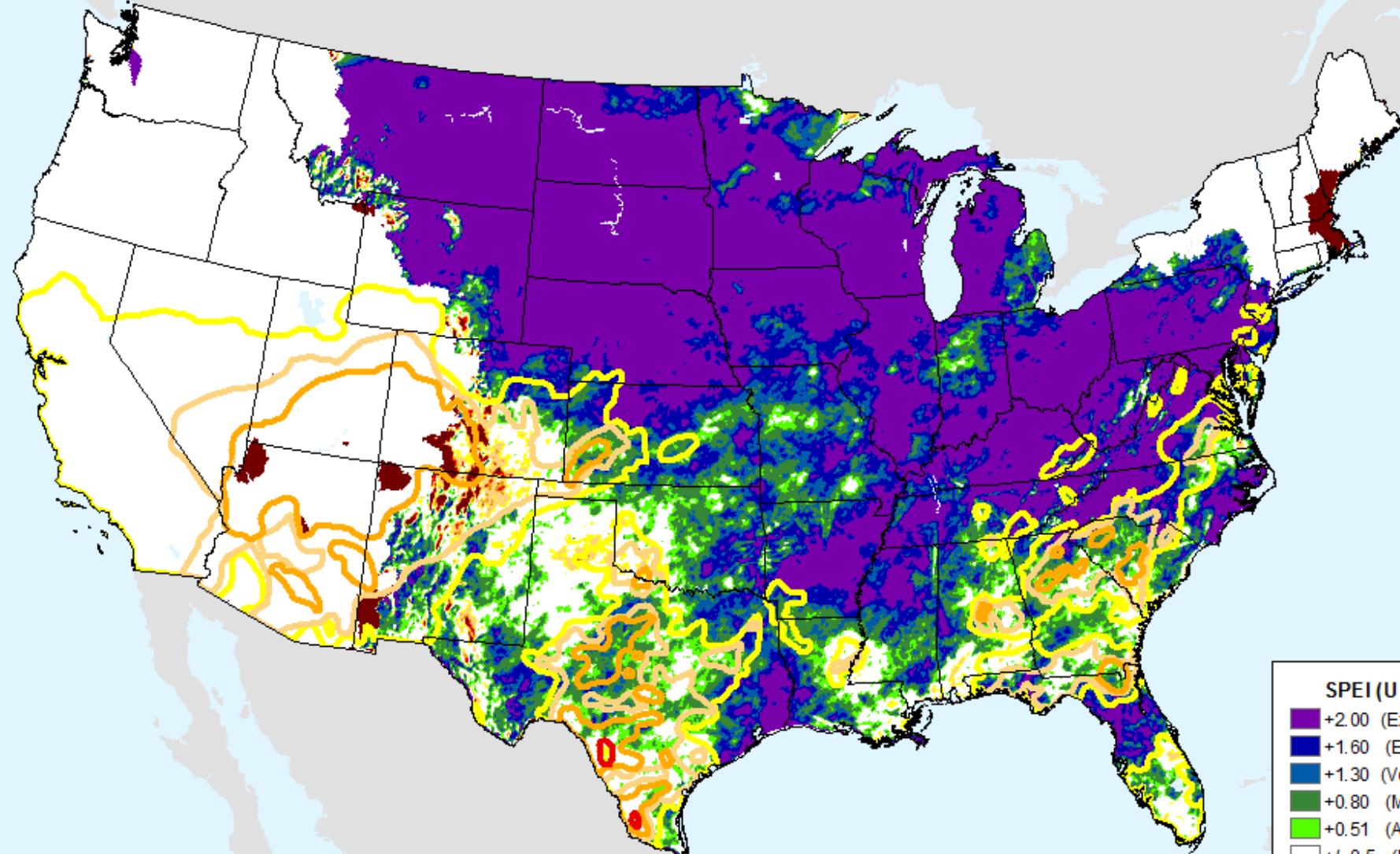
As of: Tuesday, November 19, 2019



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

AHPS 24-month SPEI

As of: Tuesday, November 19, 2019

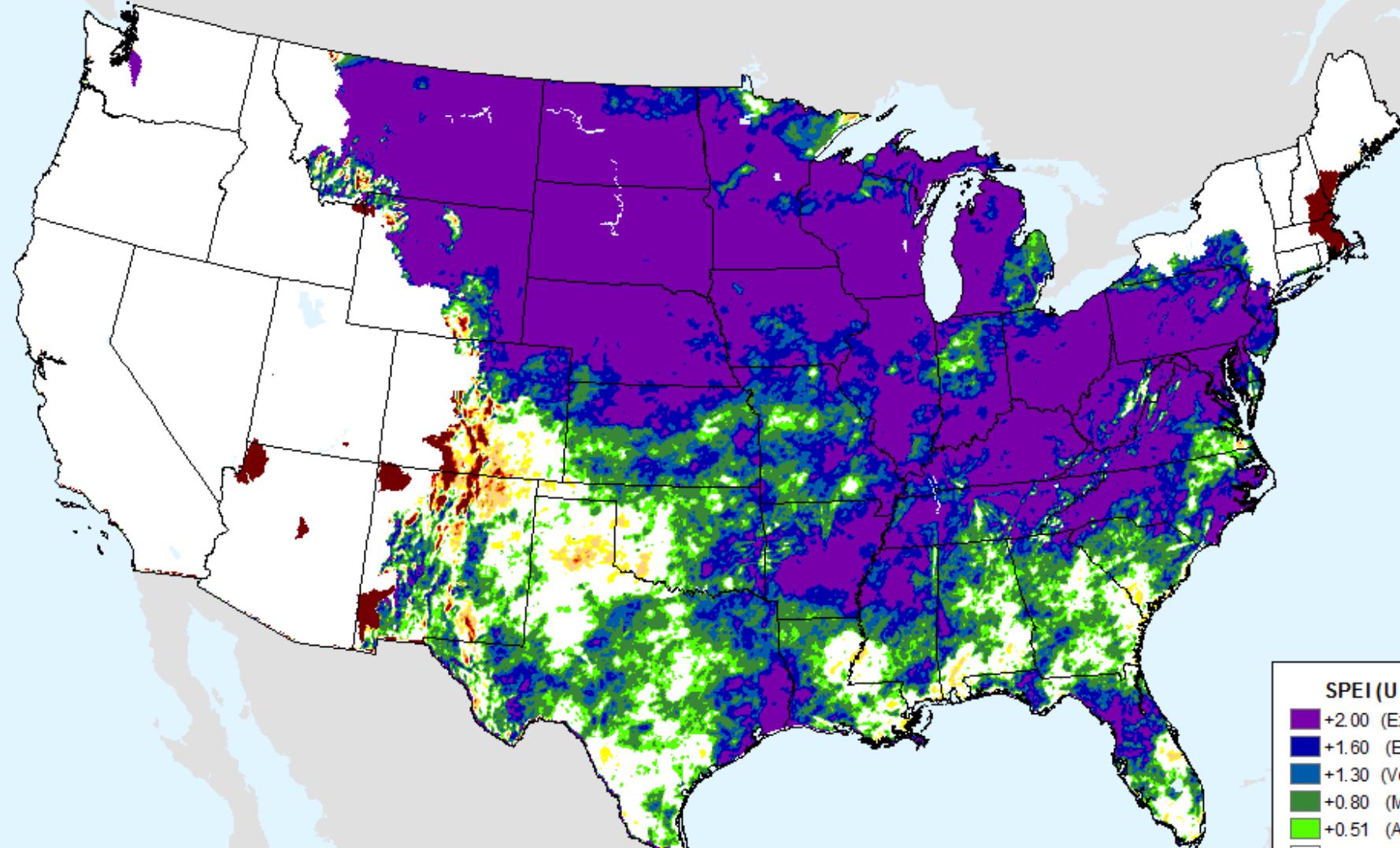


SPEI (U SDM)	
+2.00	(Excp Mois)
+1.60	(Extr Mois)
+1.30	(Very Mois)
+0.80	(Mod Mois)
+0.51	(Abn Mois)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

AHPS 24-month SPEI

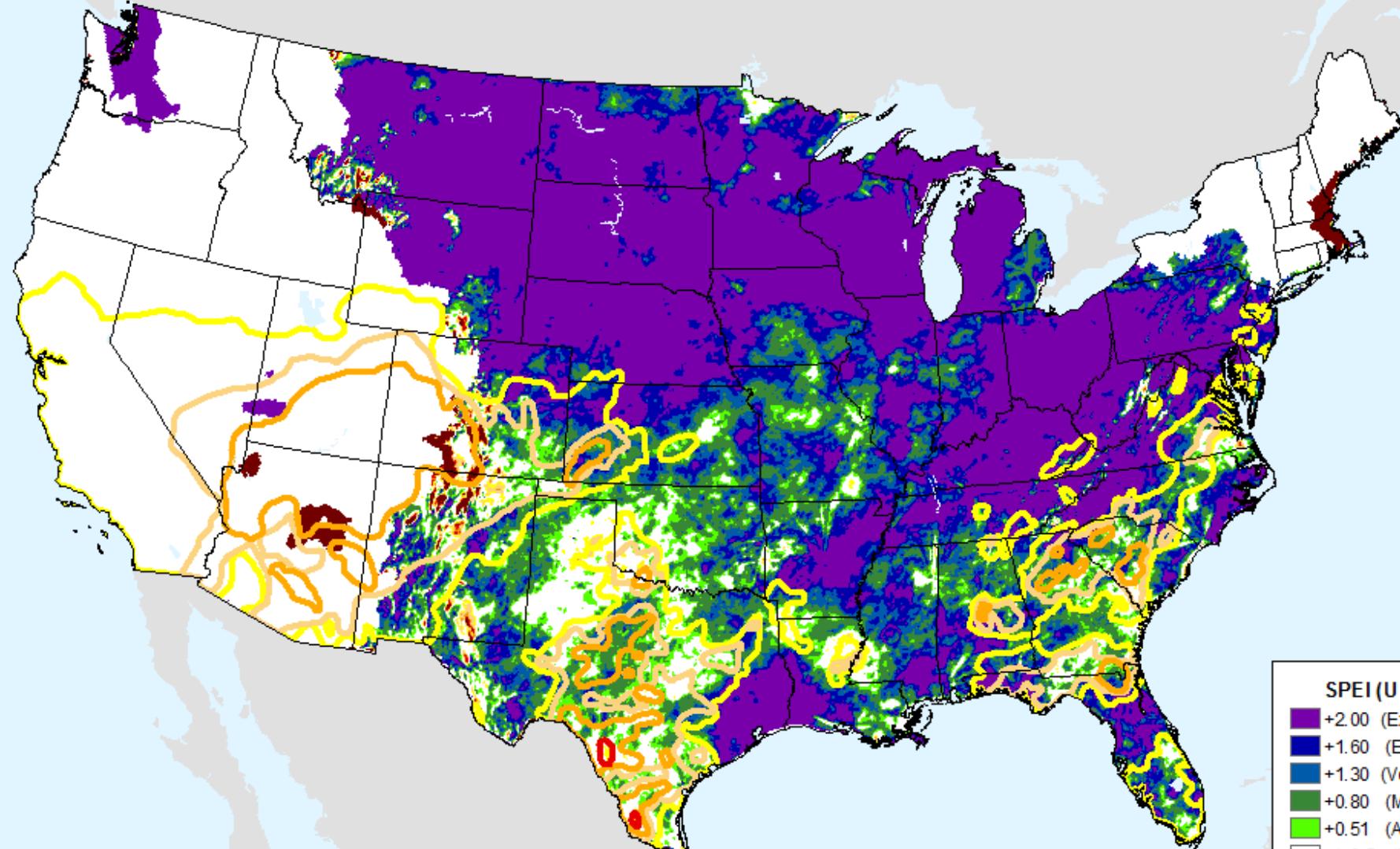
As of: Tuesday, November 19, 2019



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

AHPS 36-month SPEI

As of: Tuesday, November 19, 2019

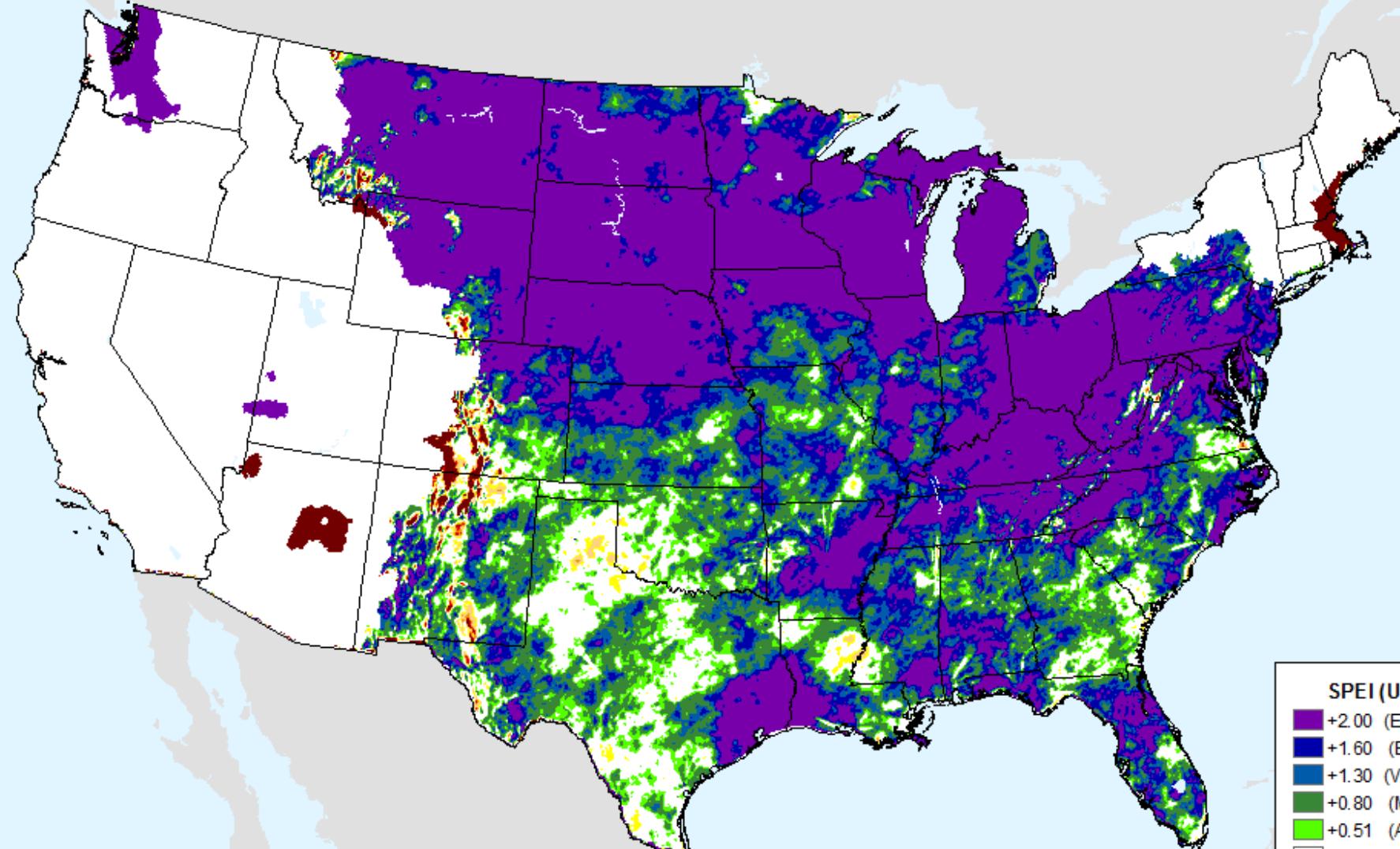


SPEI (U SDM)	
+2.00	(Excp Moist)
+1.60	(Ext Moist)
+1.30	(Very Moist)
+0.80	(Mod Moist)
+0.51	(Abn Moist)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Nov. 12, 2019

AHPS 36-month SPEI

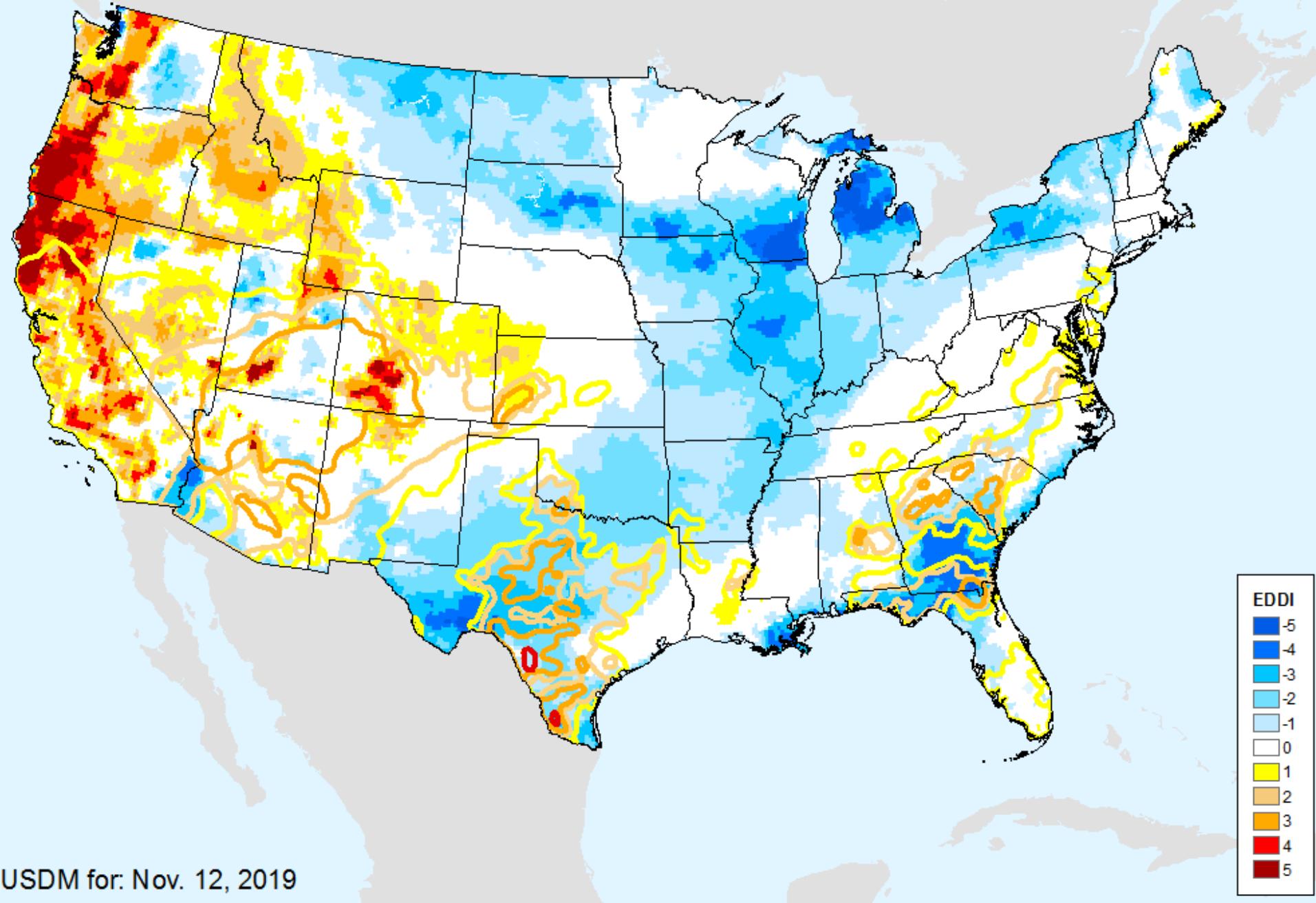
As of: Tuesday, November 19, 2019



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

EDDI 1-week

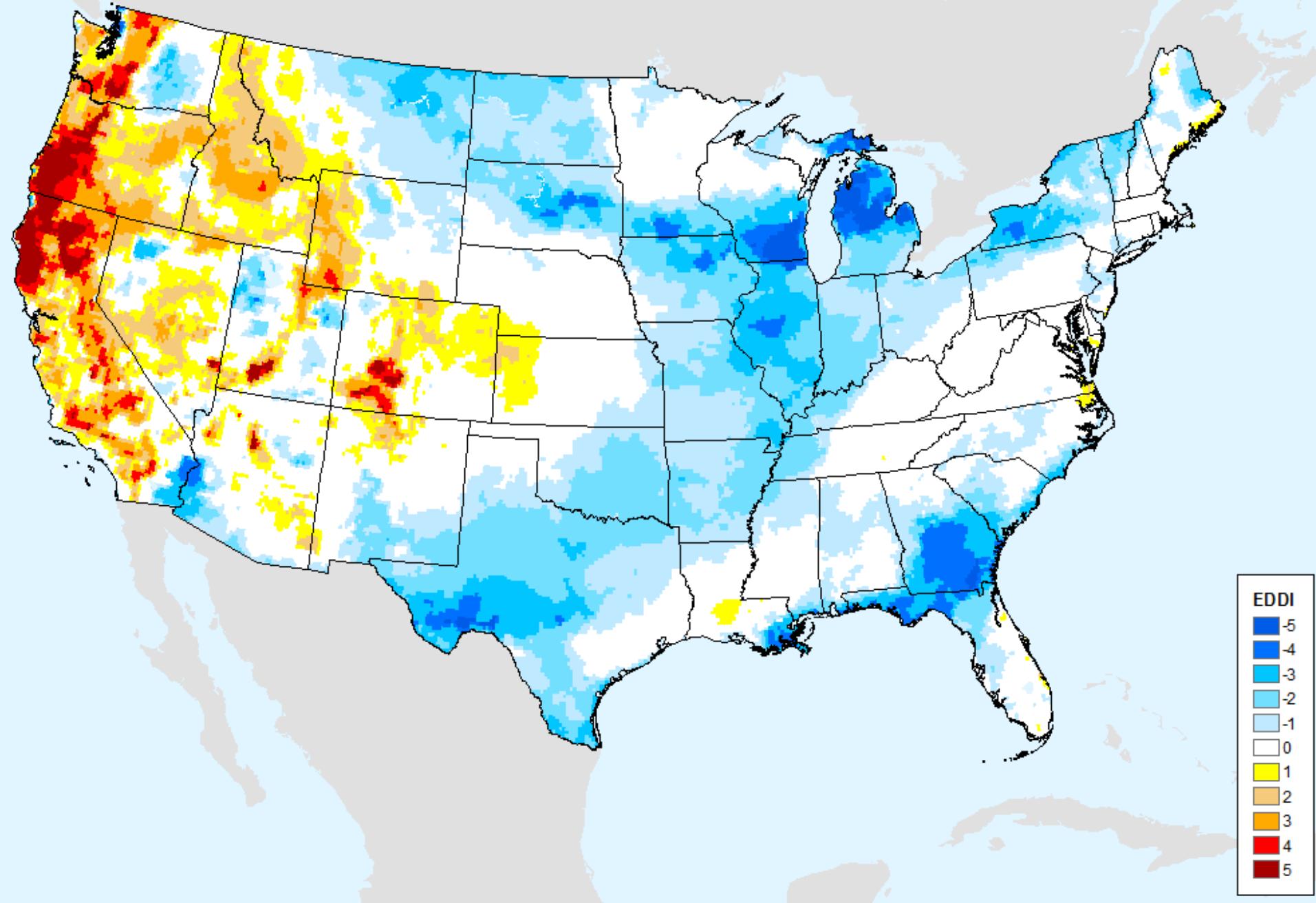
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

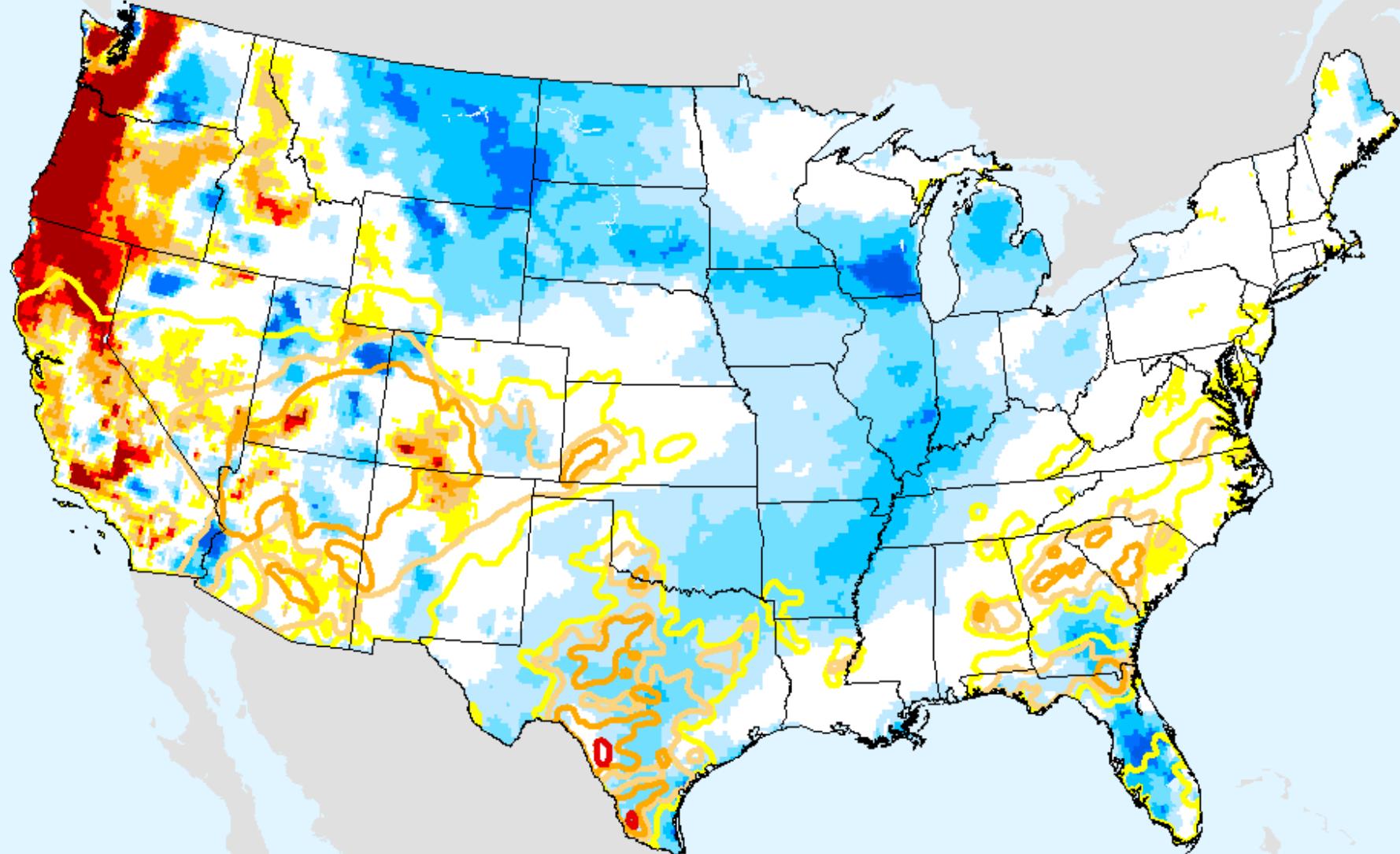
EDDI 1-week

As of: Tuesday, November 19, 2019



EDDI 2-week

As of: Tuesday, November 19, 2019

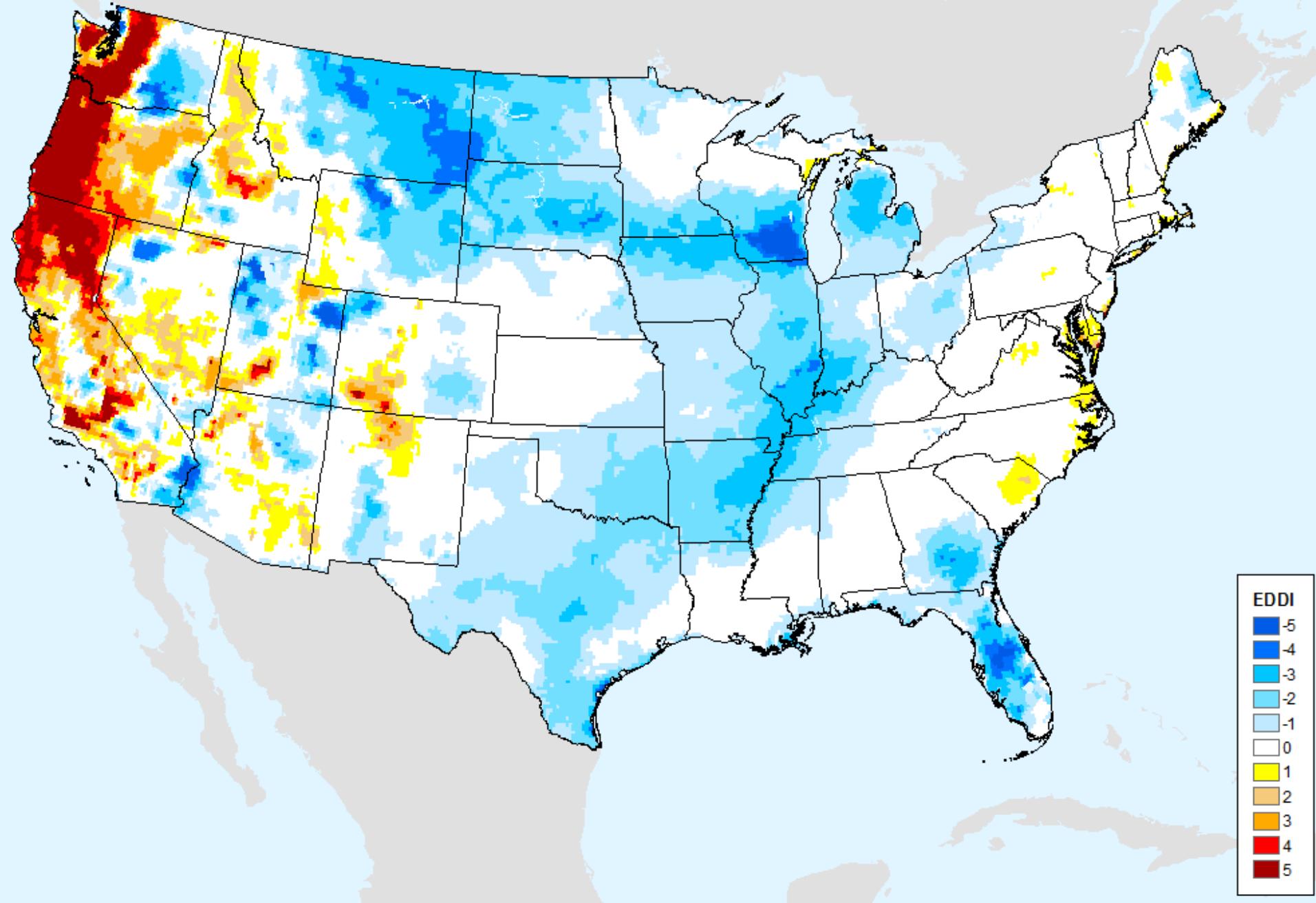


EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5

USDM for: Nov. 12, 2019

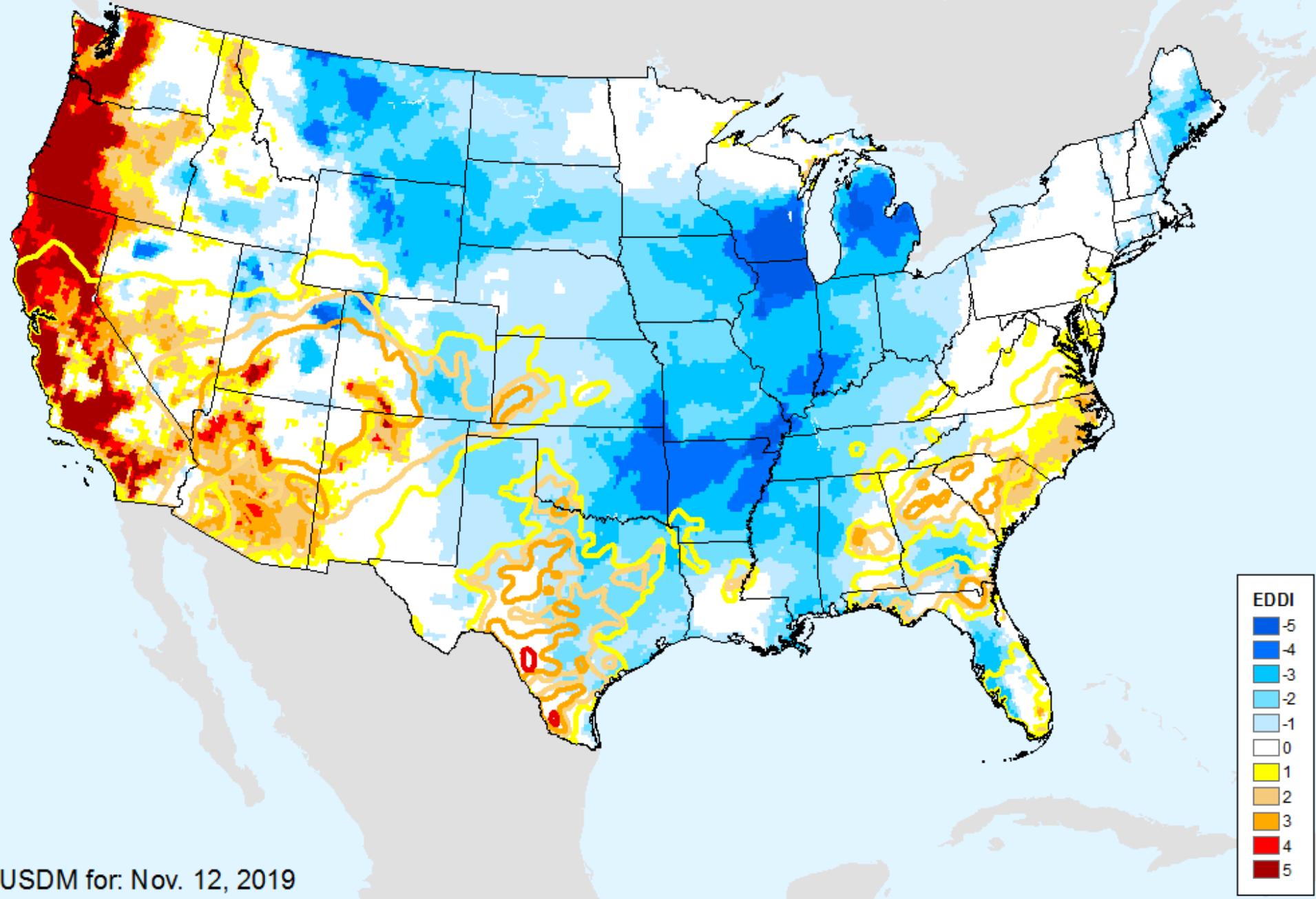
EDDI 2-week

As of: Tuesday, November 19, 2019



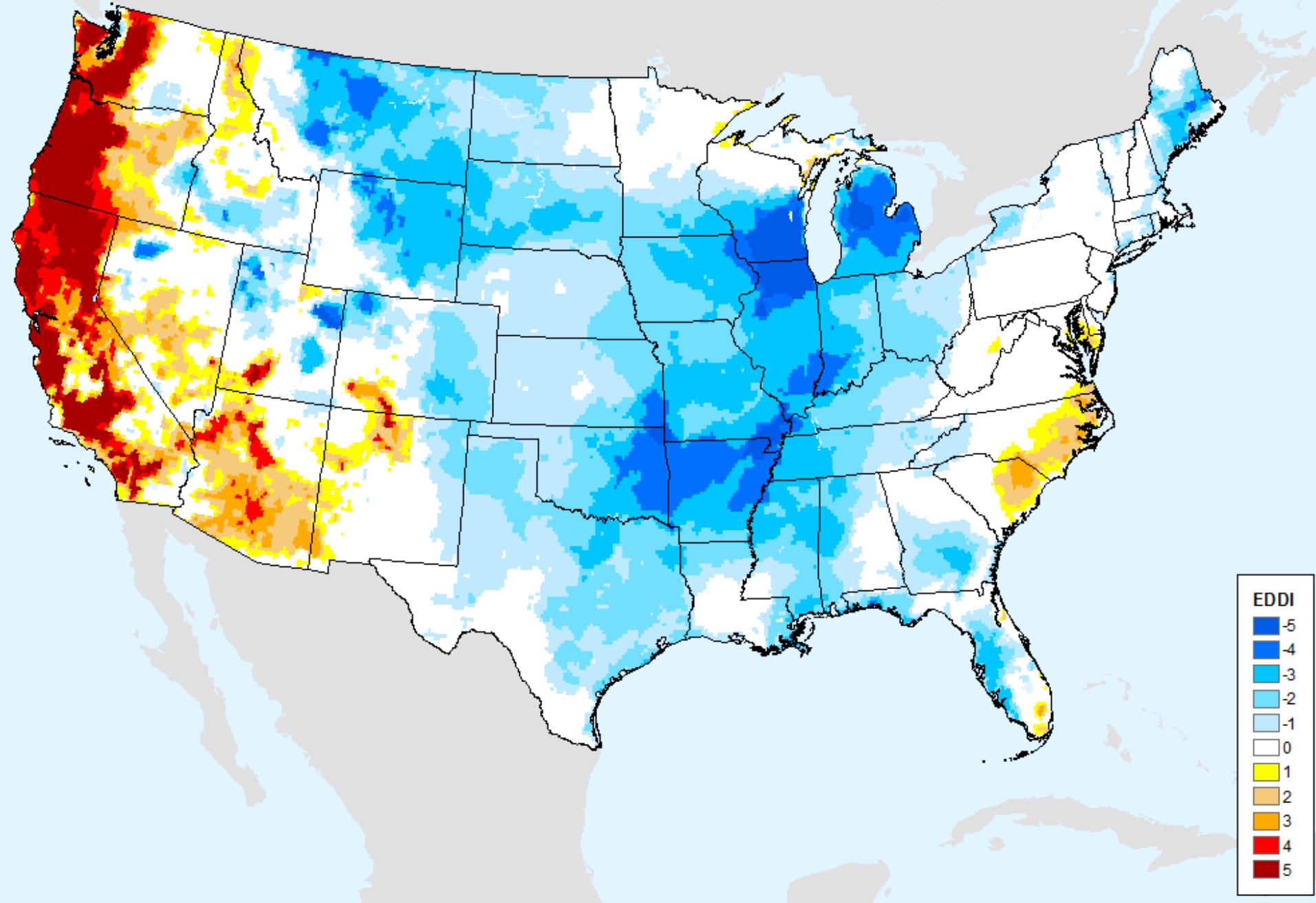
EDDI 3-week

As of: Tuesday, November 19, 2019



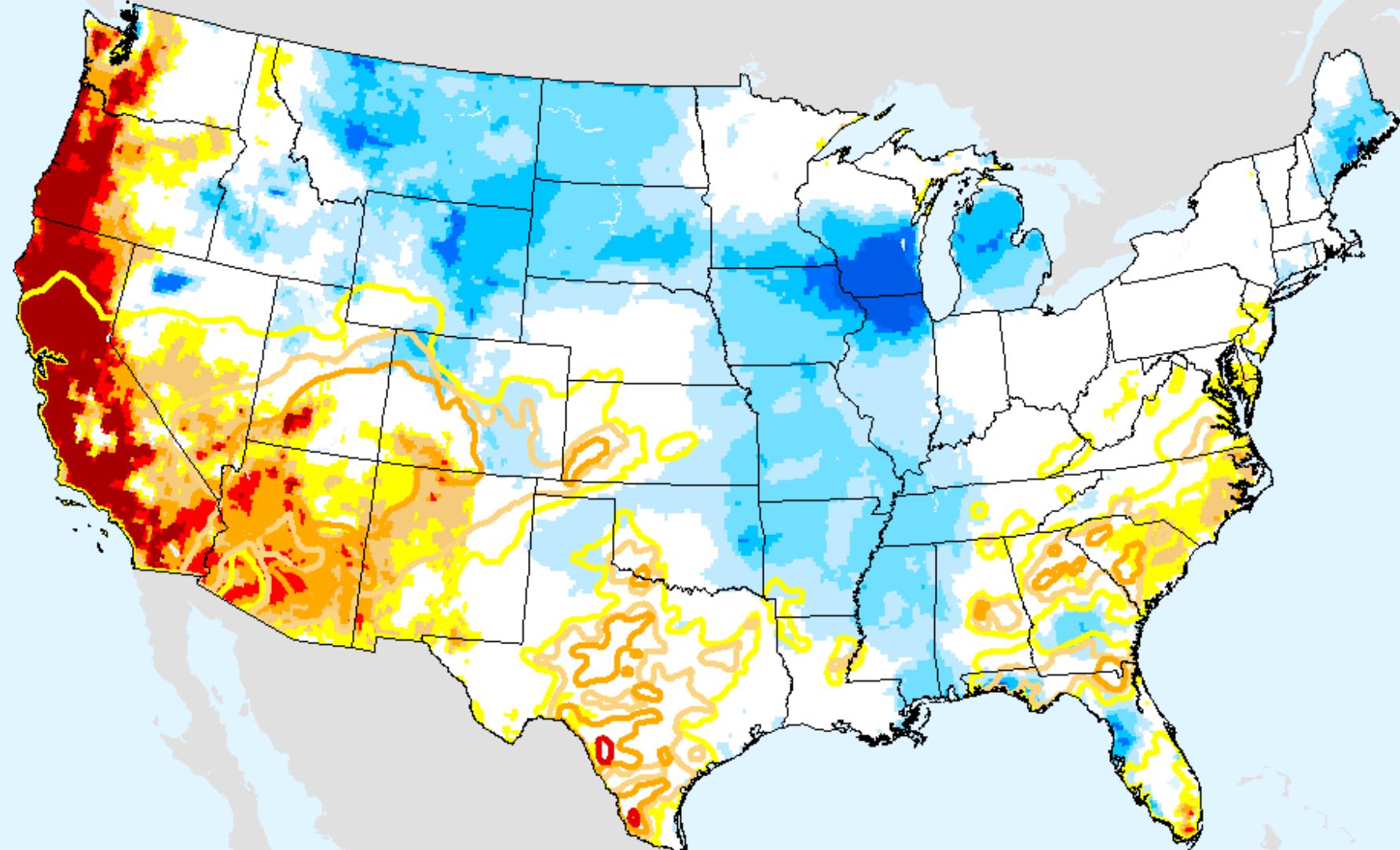
EDDI 3-week

As of: Tuesday, November 19, 2019



EDDI 4-week

As of: Tuesday, November 19, 2019

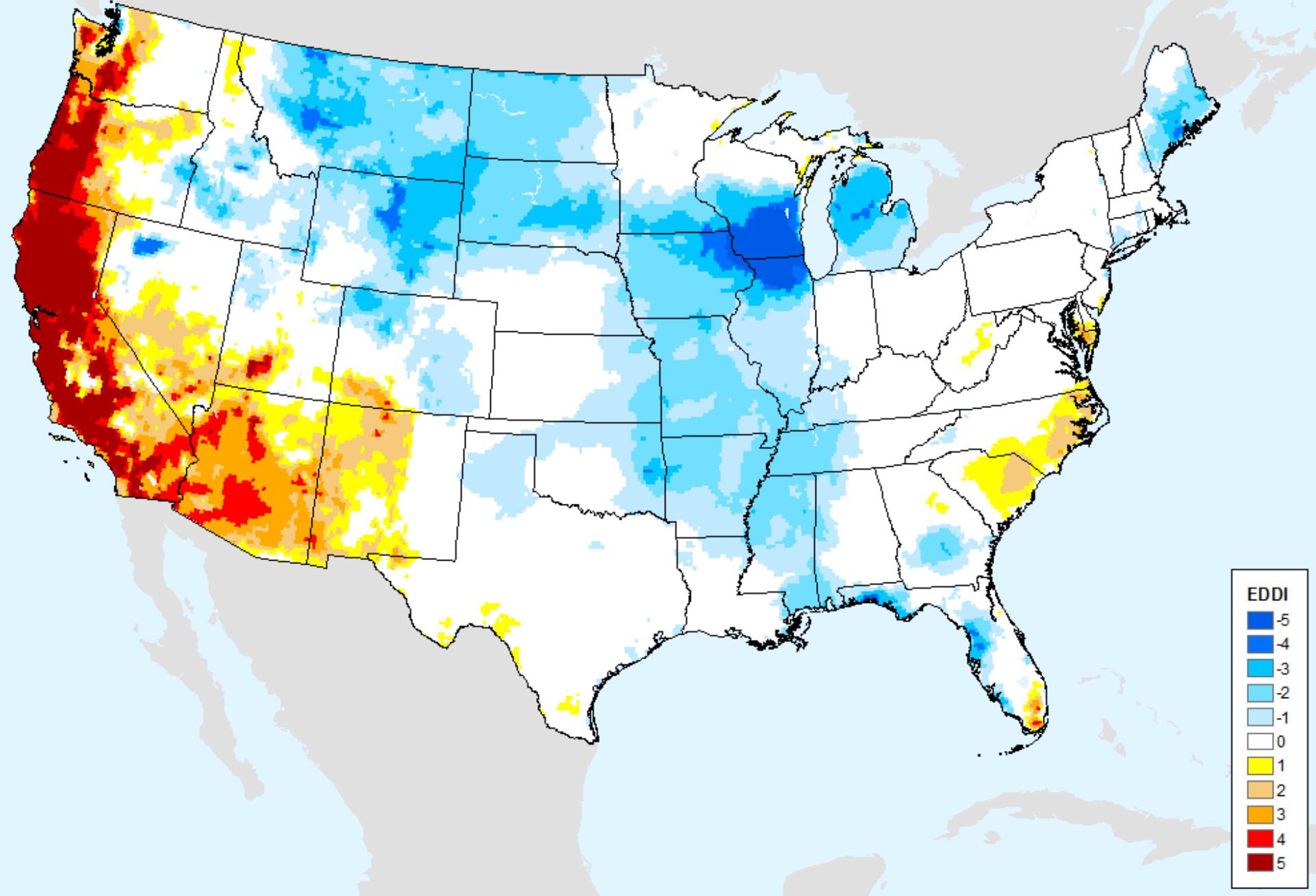


EDDI
-5
-4
-3
-2
-1
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USDM for: Nov. 12, 2019

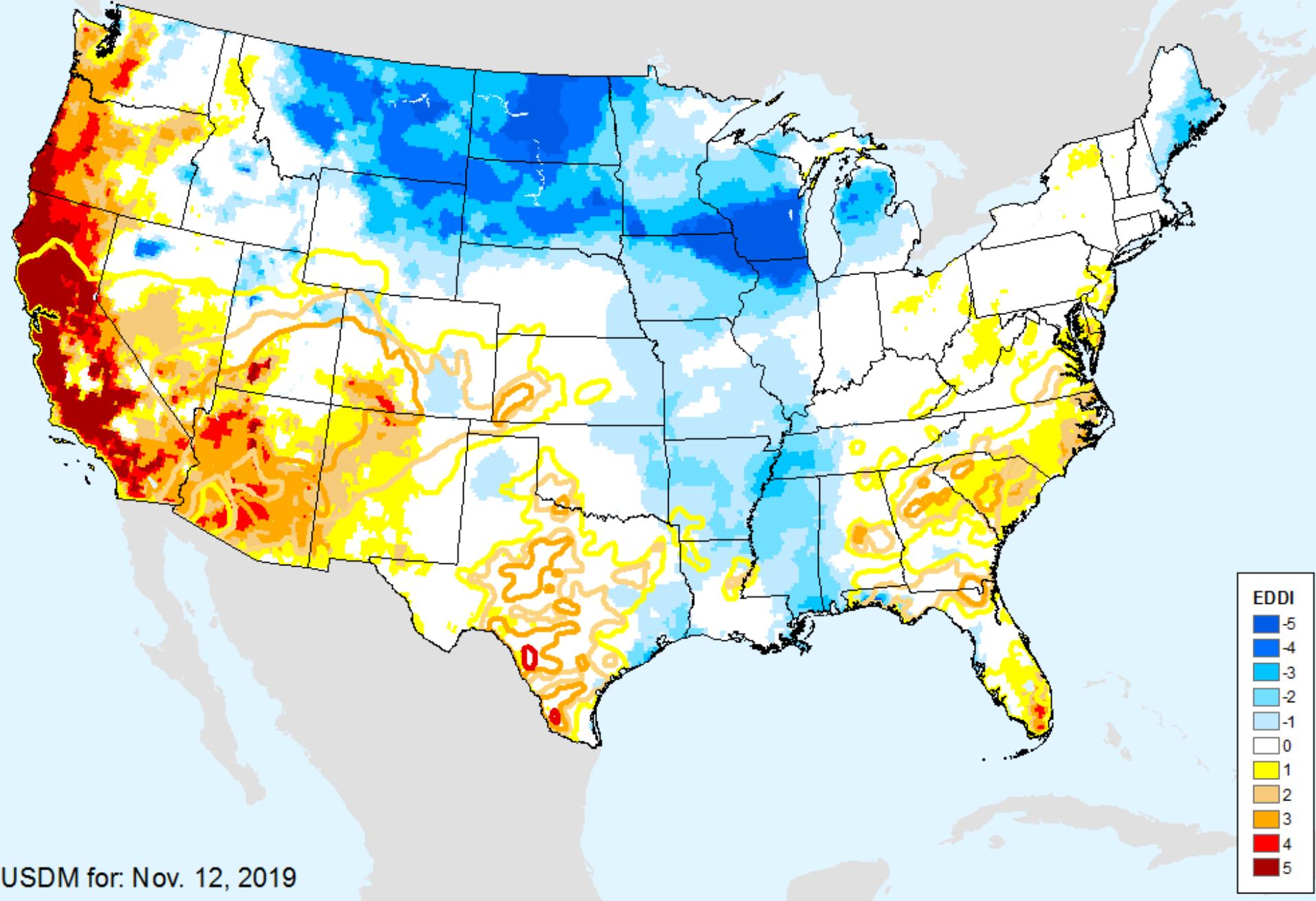
EDDI 4-week

As of: Tuesday, November 19, 2019



EDDI 5-week

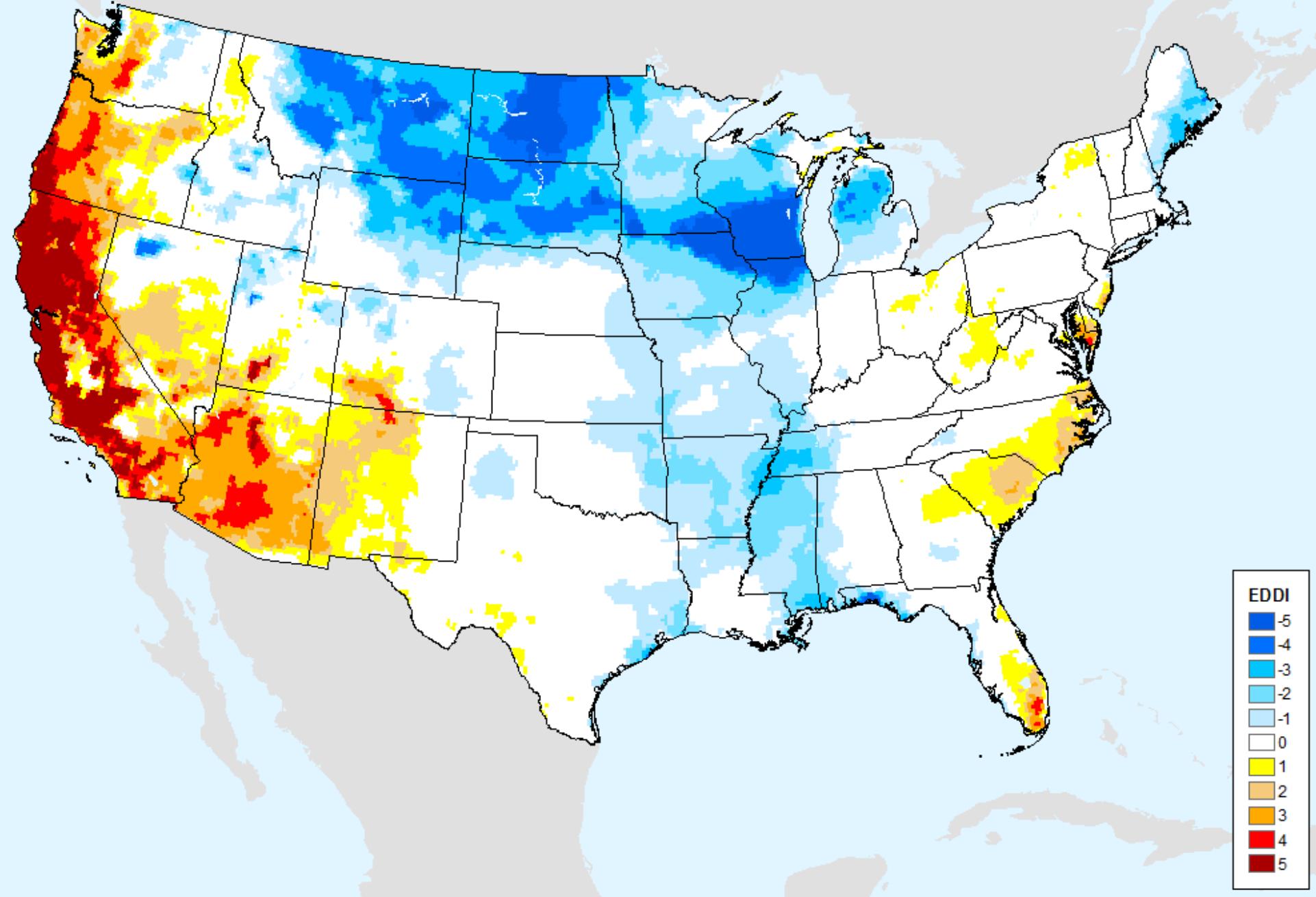
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

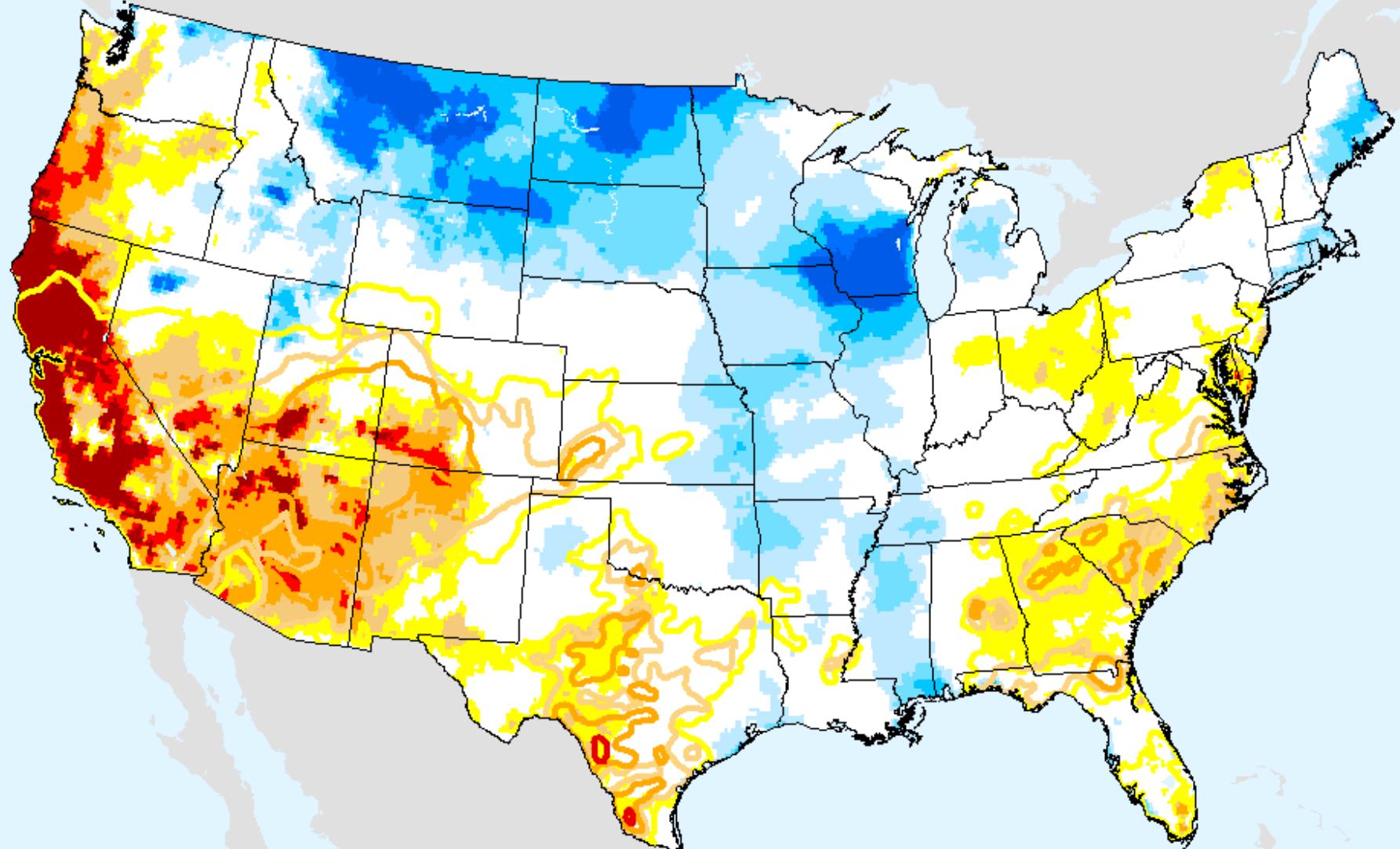
EDDI 5-week

As of: Tuesday, November 19, 2019



EDDI 6-week

As of: Tuesday, November 19, 2019

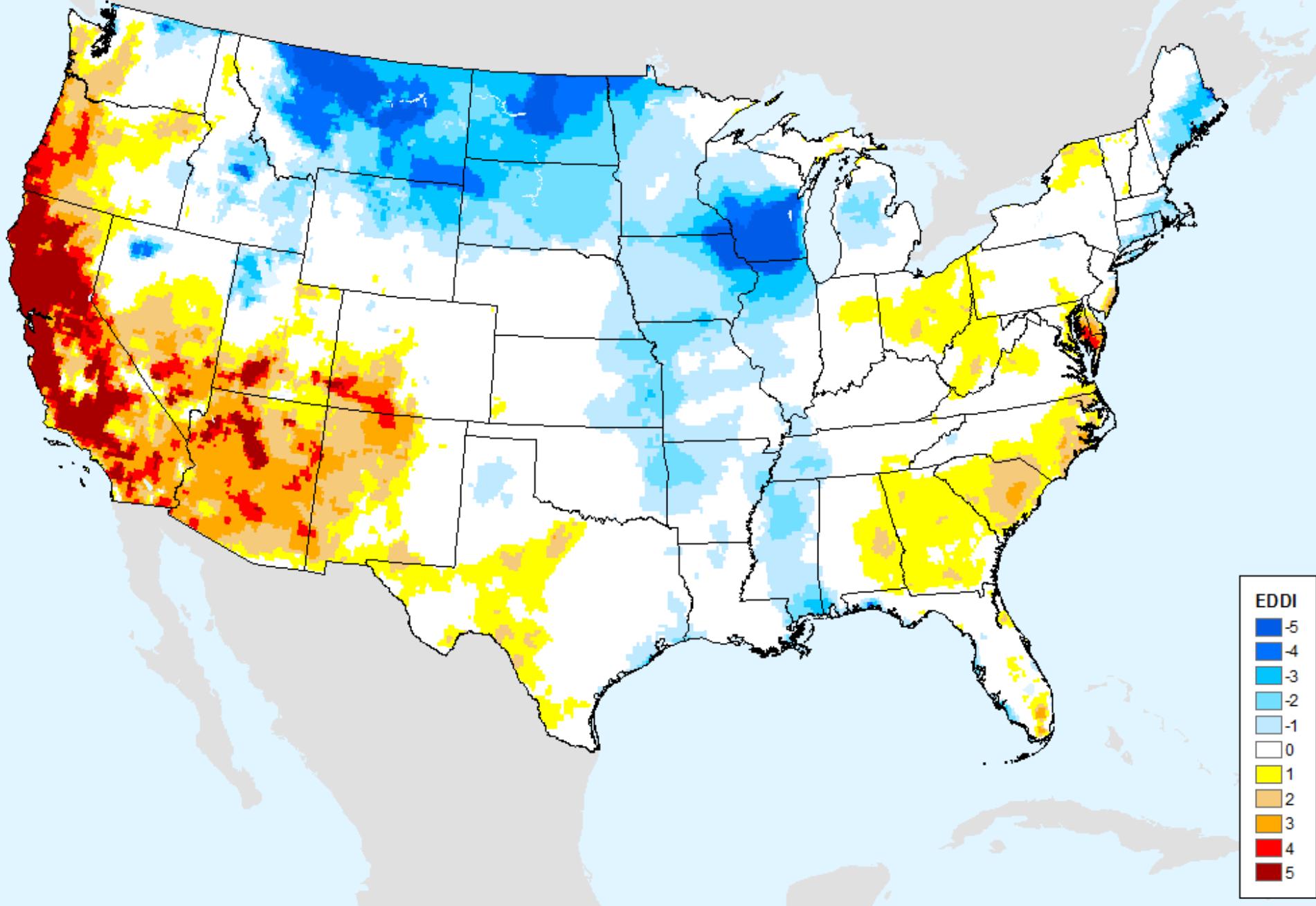


EDDI
-5
-4
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-1
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USDM for: Nov. 12, 2019

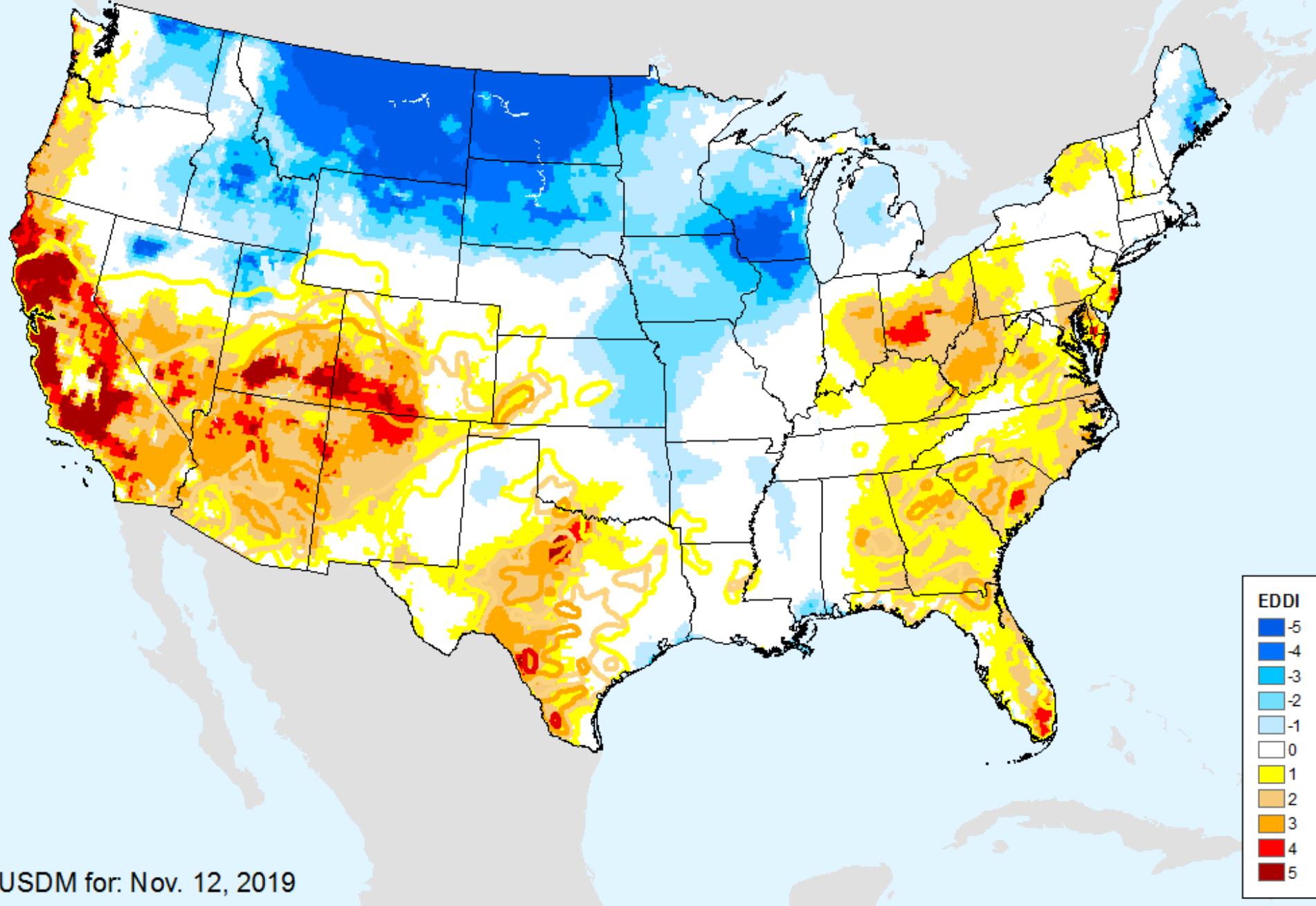
EDDI 6-week

As of: Tuesday, November 19, 2019



EDDI 7-week

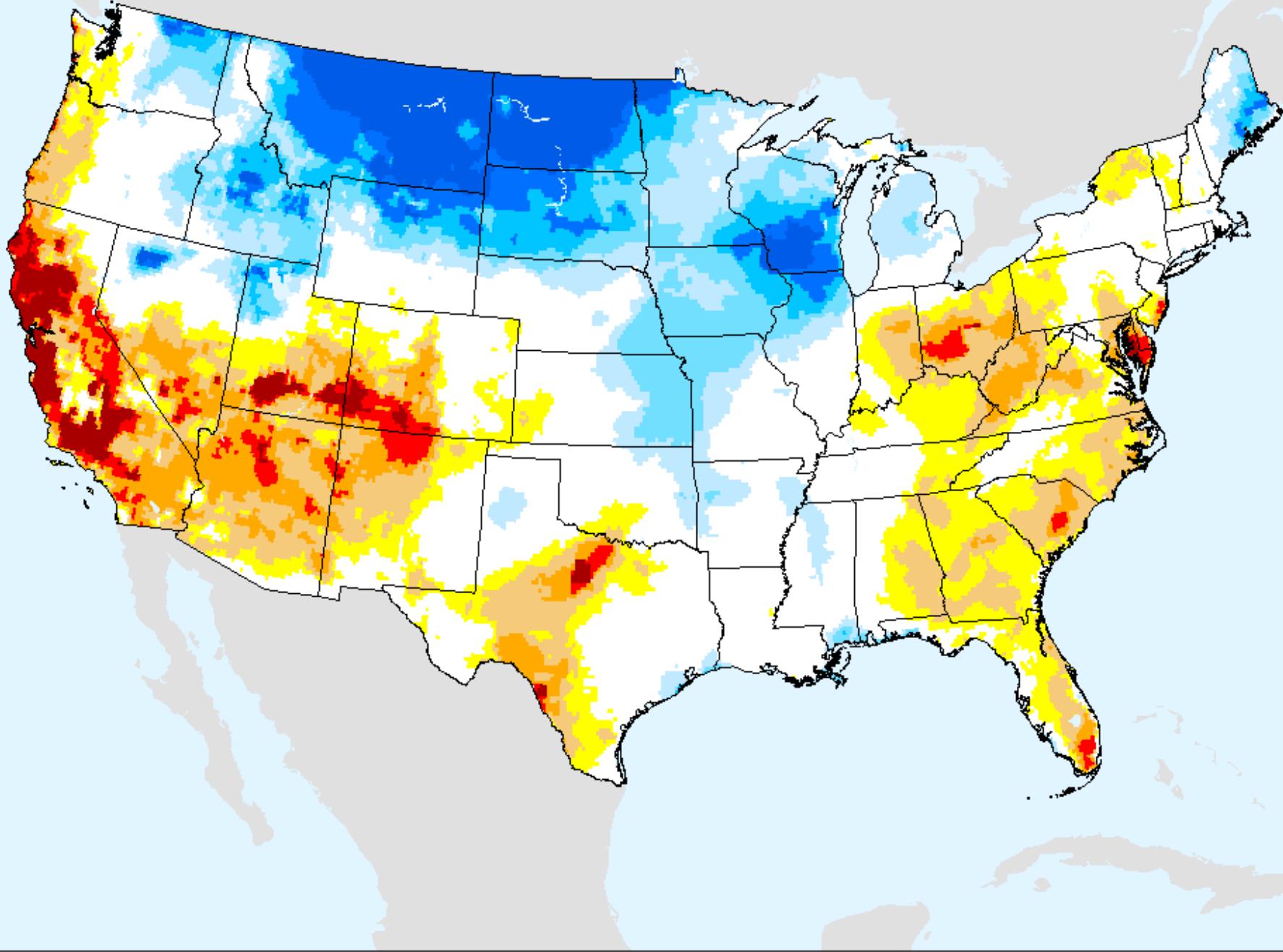
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

EDDI 7-week

As of: Tuesday, November 19, 2019

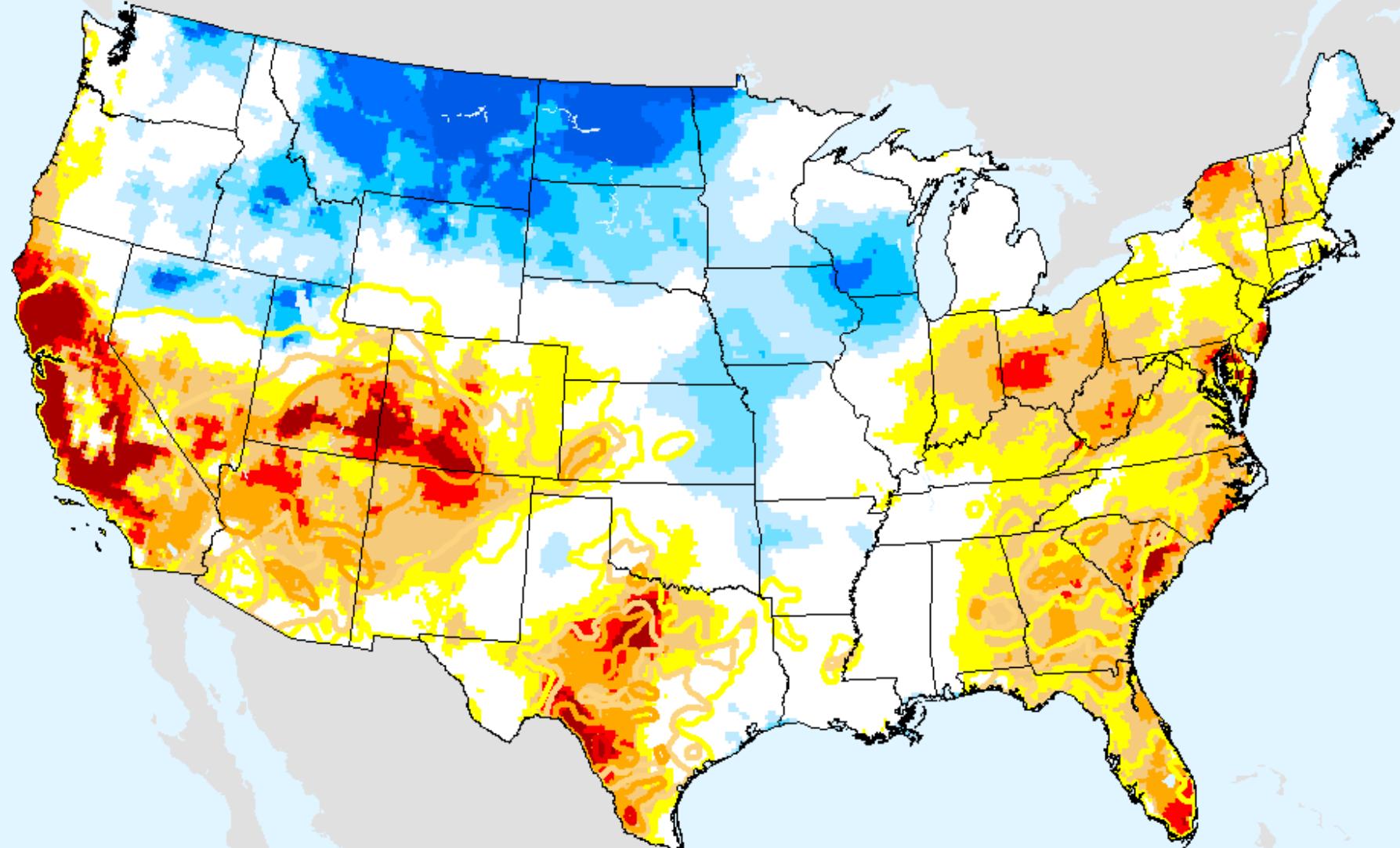


EDDI

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

EDDI 8-week

As of: Tuesday, November 19, 2019

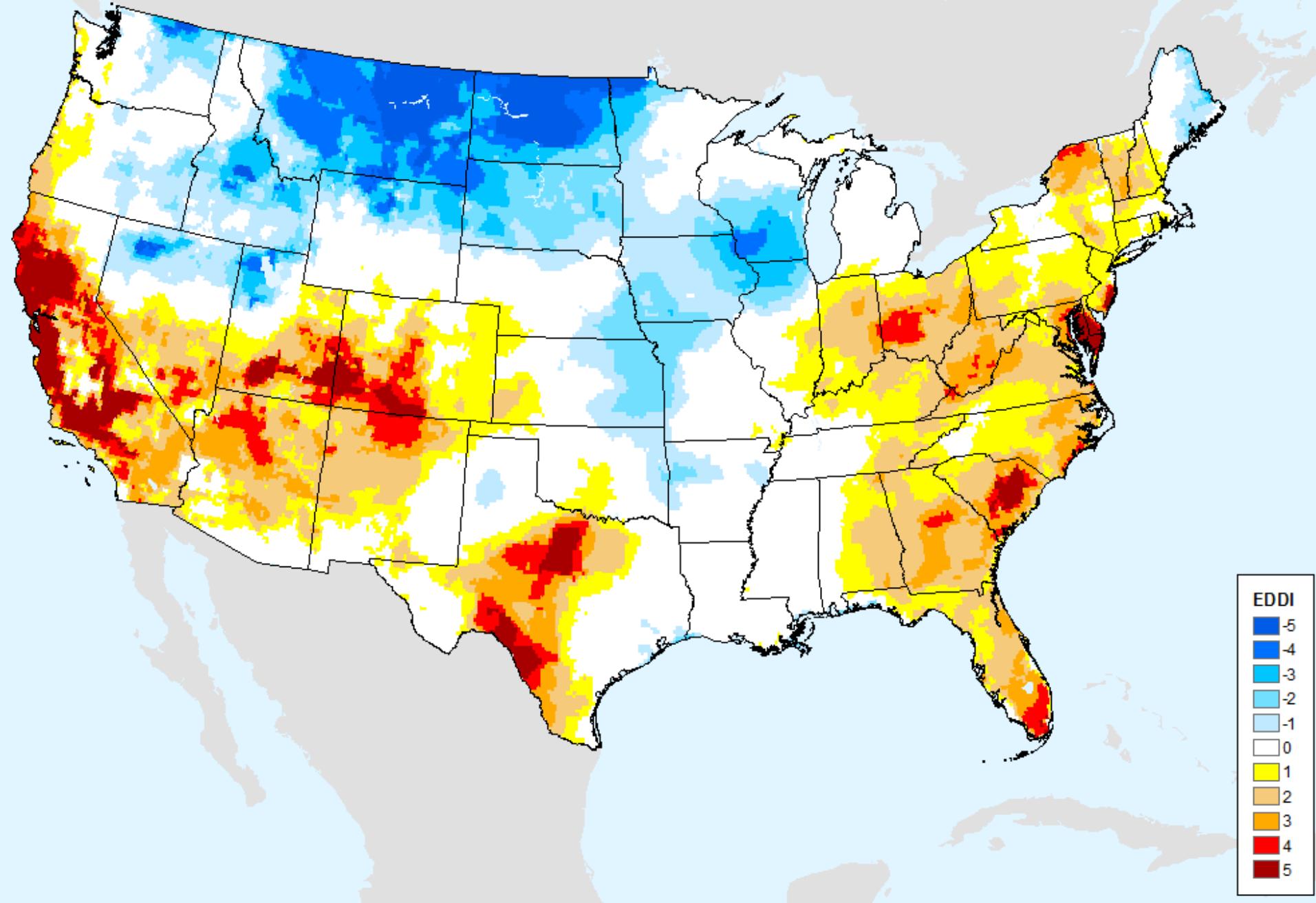


EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5

USDM for: Nov. 12, 2019

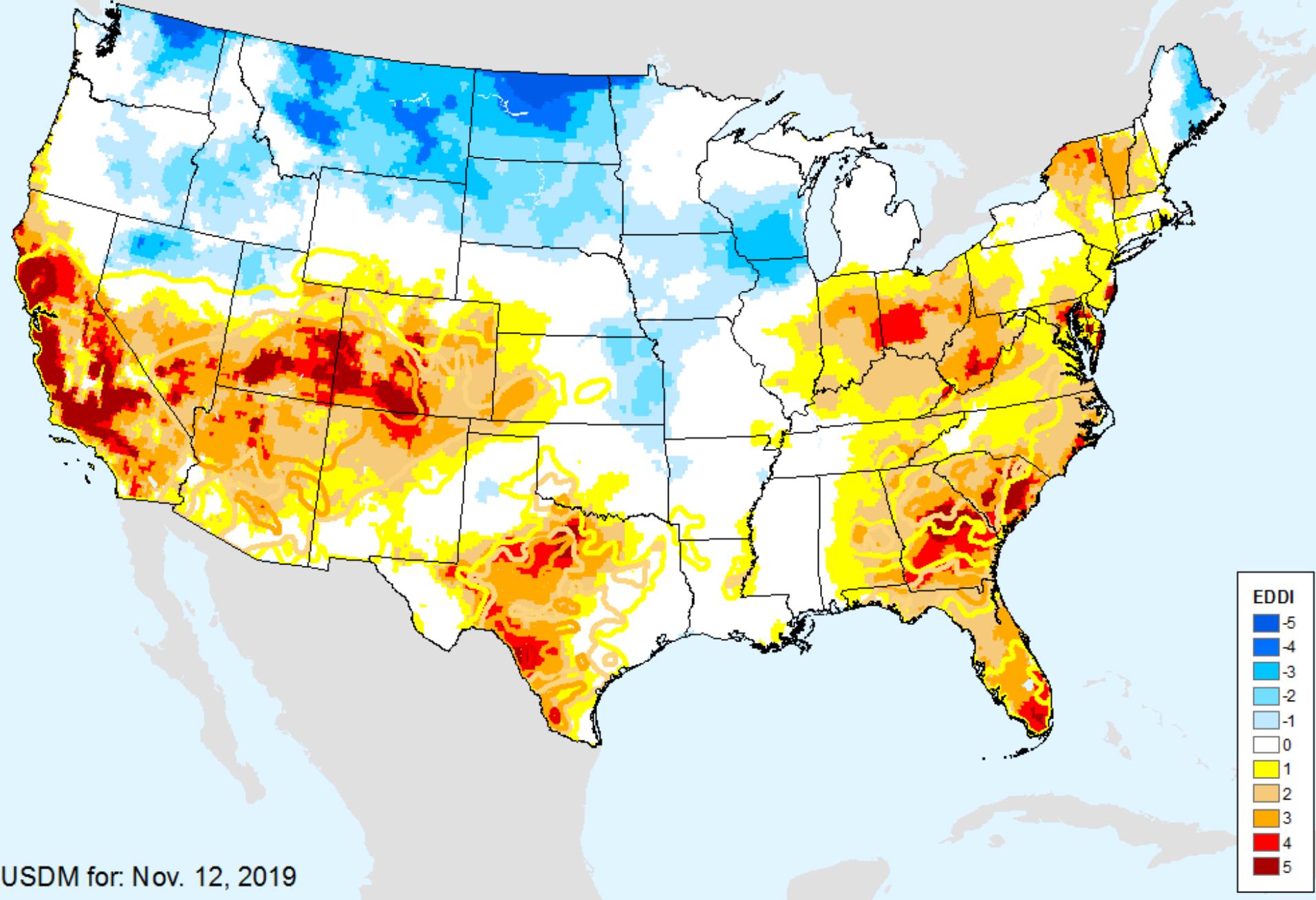
EDDI 8-week

As of: Tuesday, November 19, 2019



EDDI 9-week

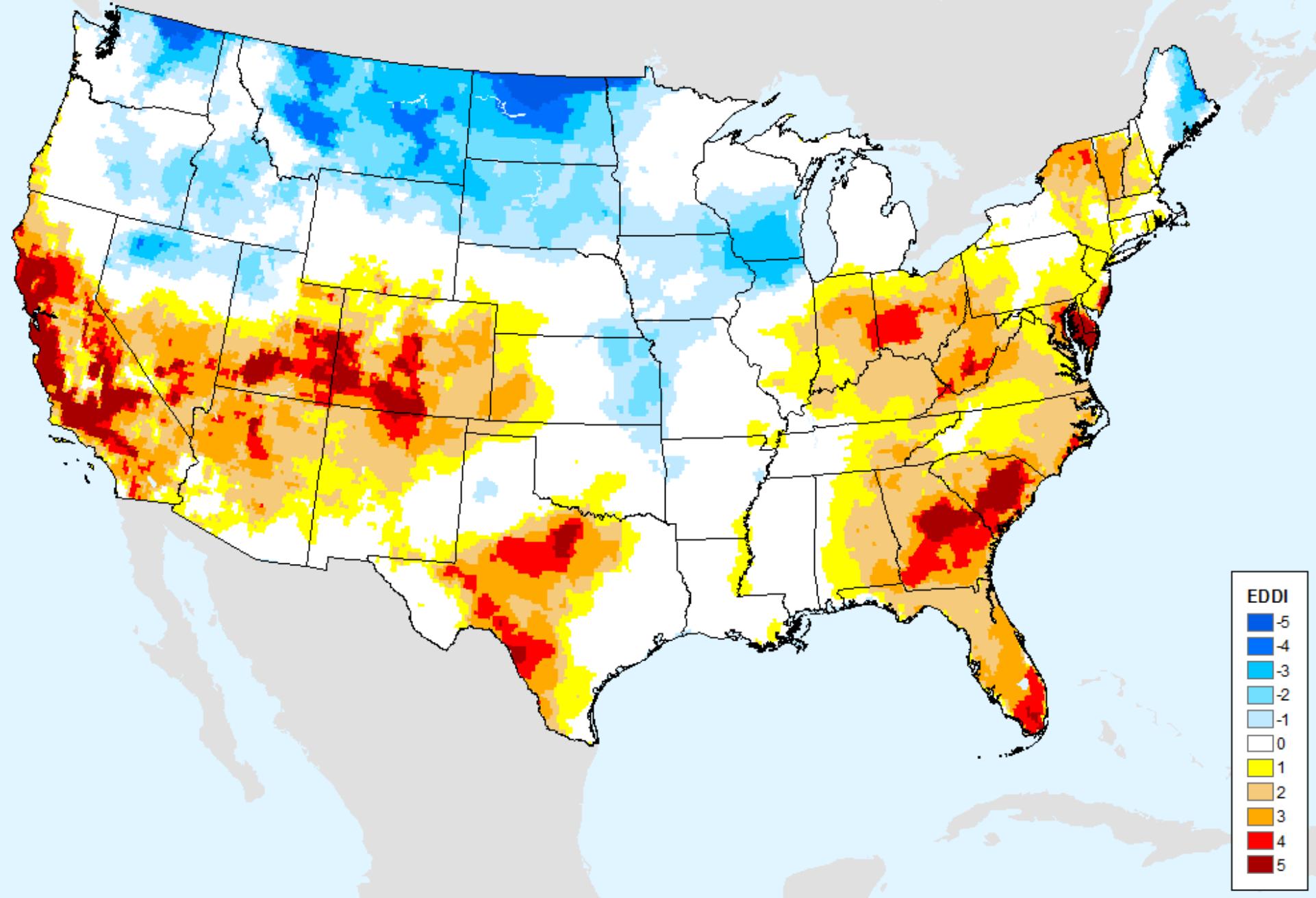
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

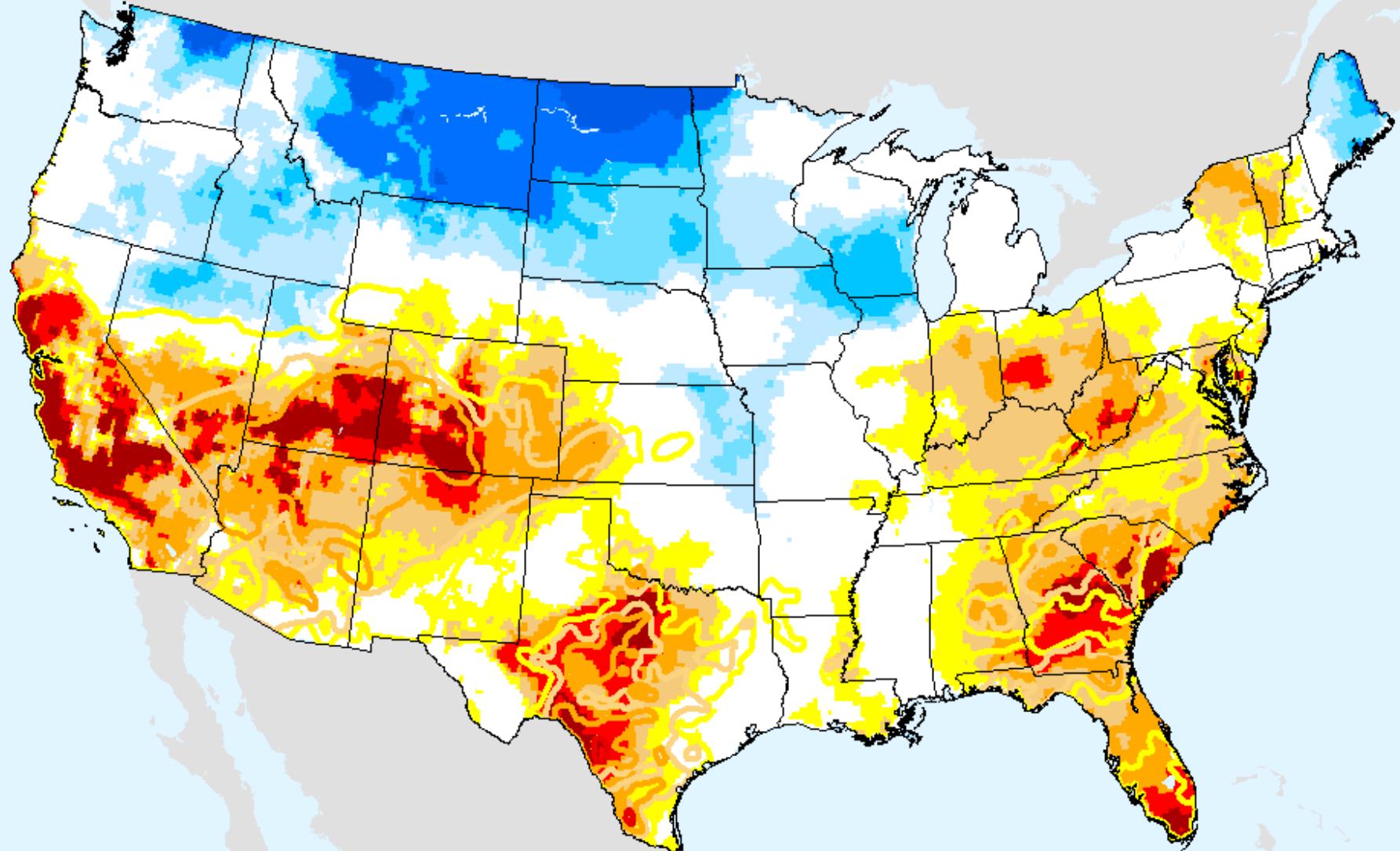
EDDI 9-week

As of: Tuesday, November 19, 2019



EDDI 10-week

As of: Tuesday, November 19, 2019

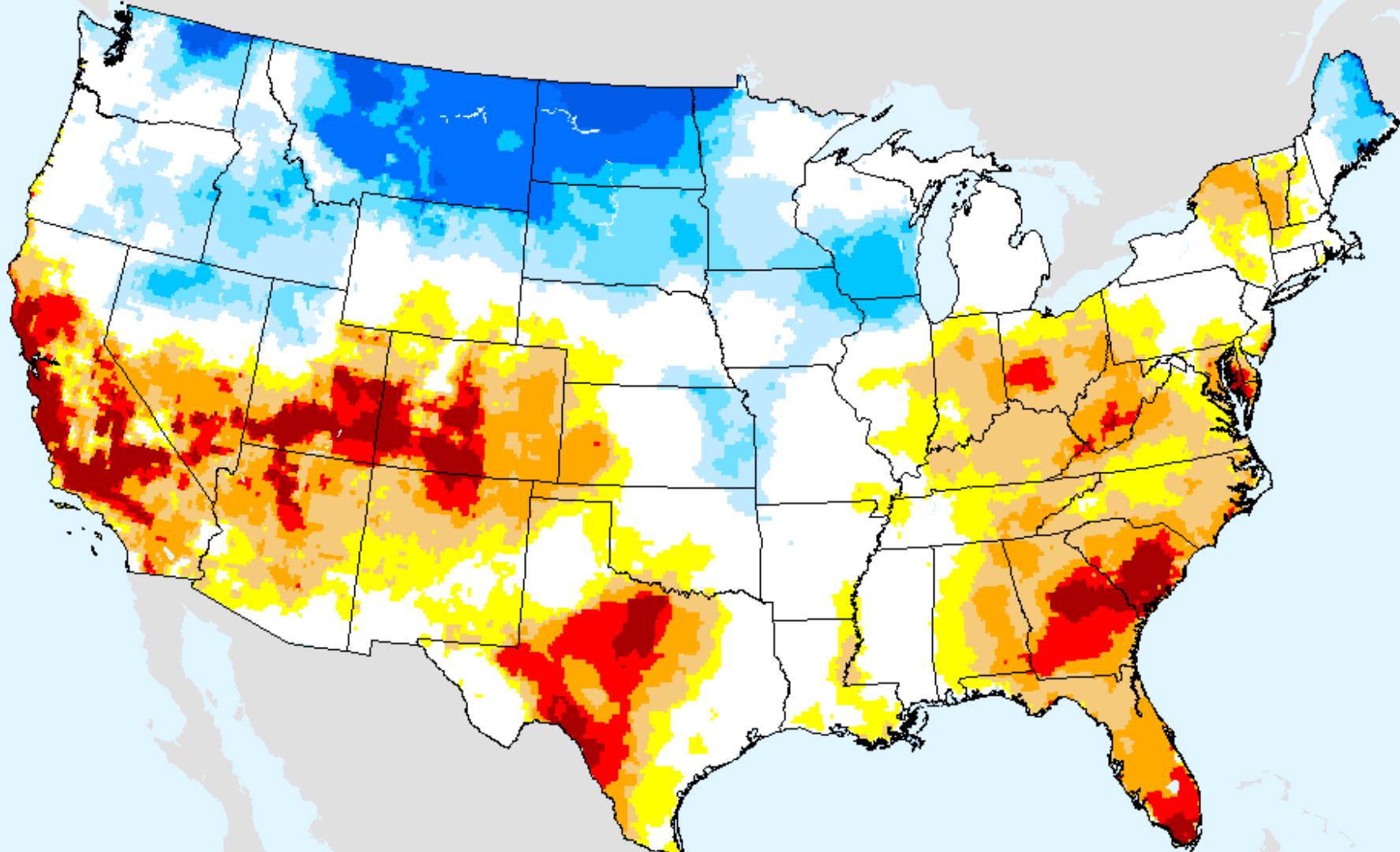


EDDI
-5
-4
-3
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-1
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USDM for: Nov. 12, 2019

EDDI 10-week

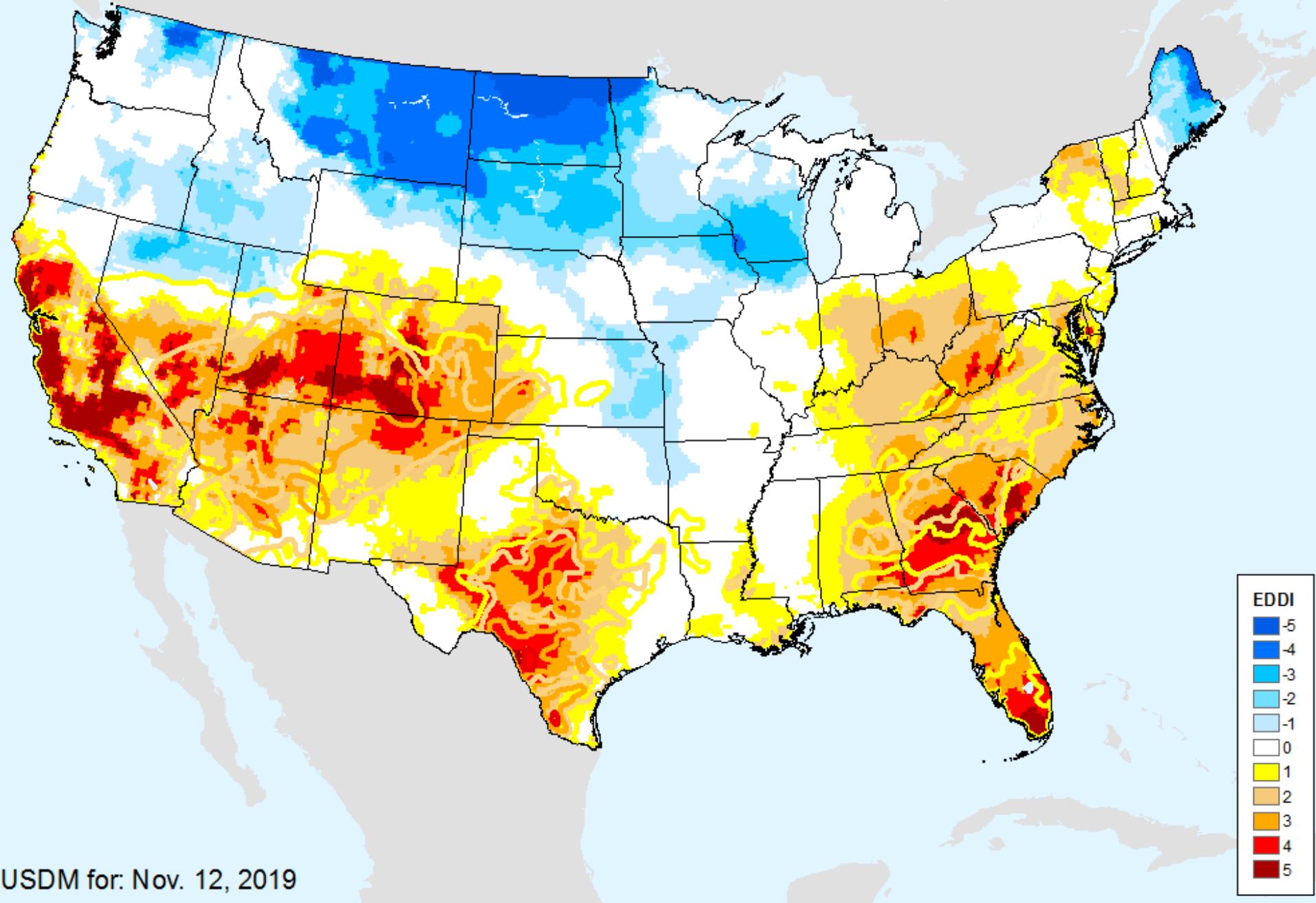
As of: Tuesday, November 19, 2019



EDDI
-5
-4
-3
-2
-1
0
1
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EDDI 11-week

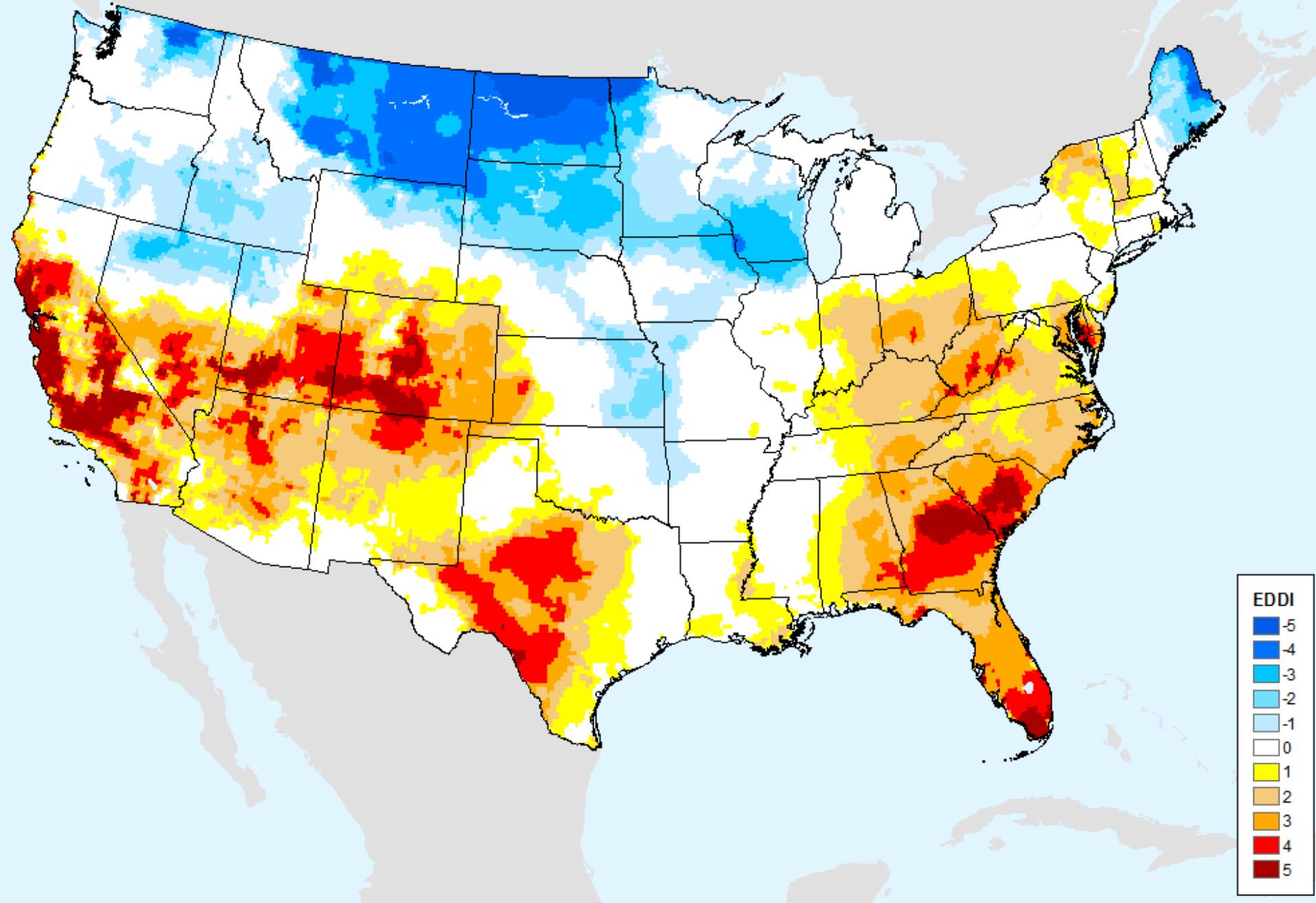
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

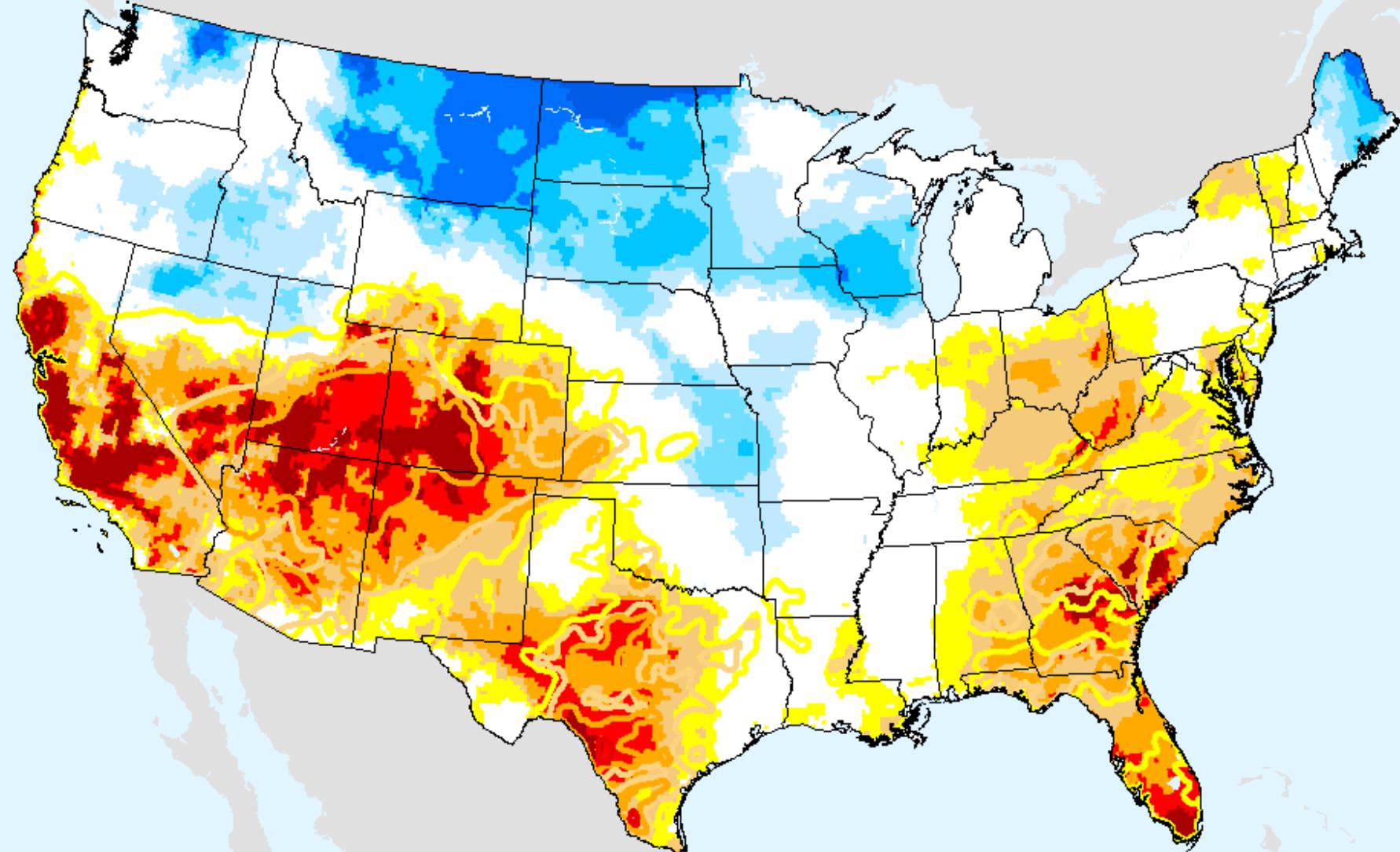
EDDI 11-week

As of: Tuesday, November 19, 2019



EDDI 12-week

As of: Tuesday, November 19, 2019

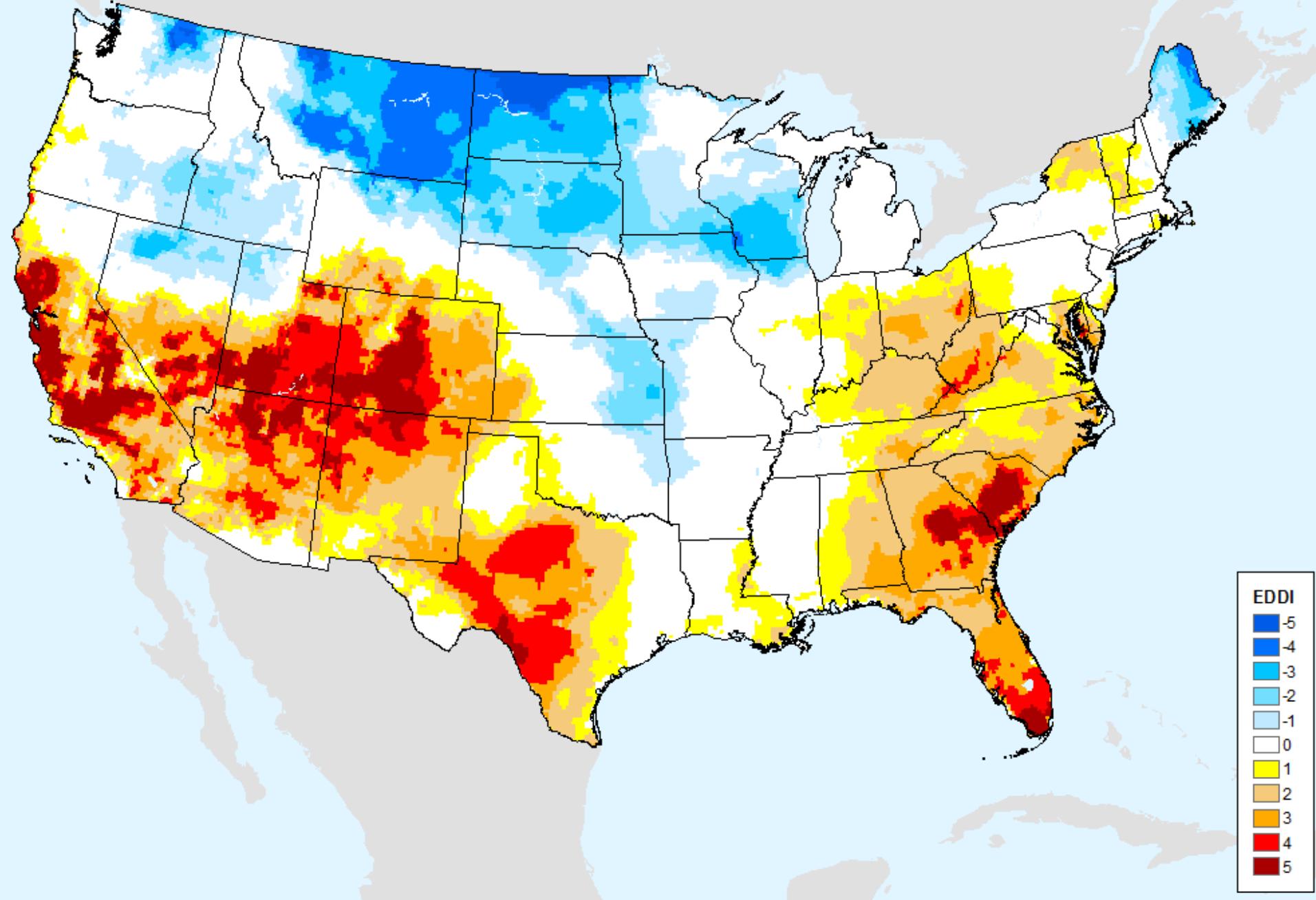


EDDI
-5
-4
-3
-2
-1
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2
3
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USDM for: Nov. 12, 2019

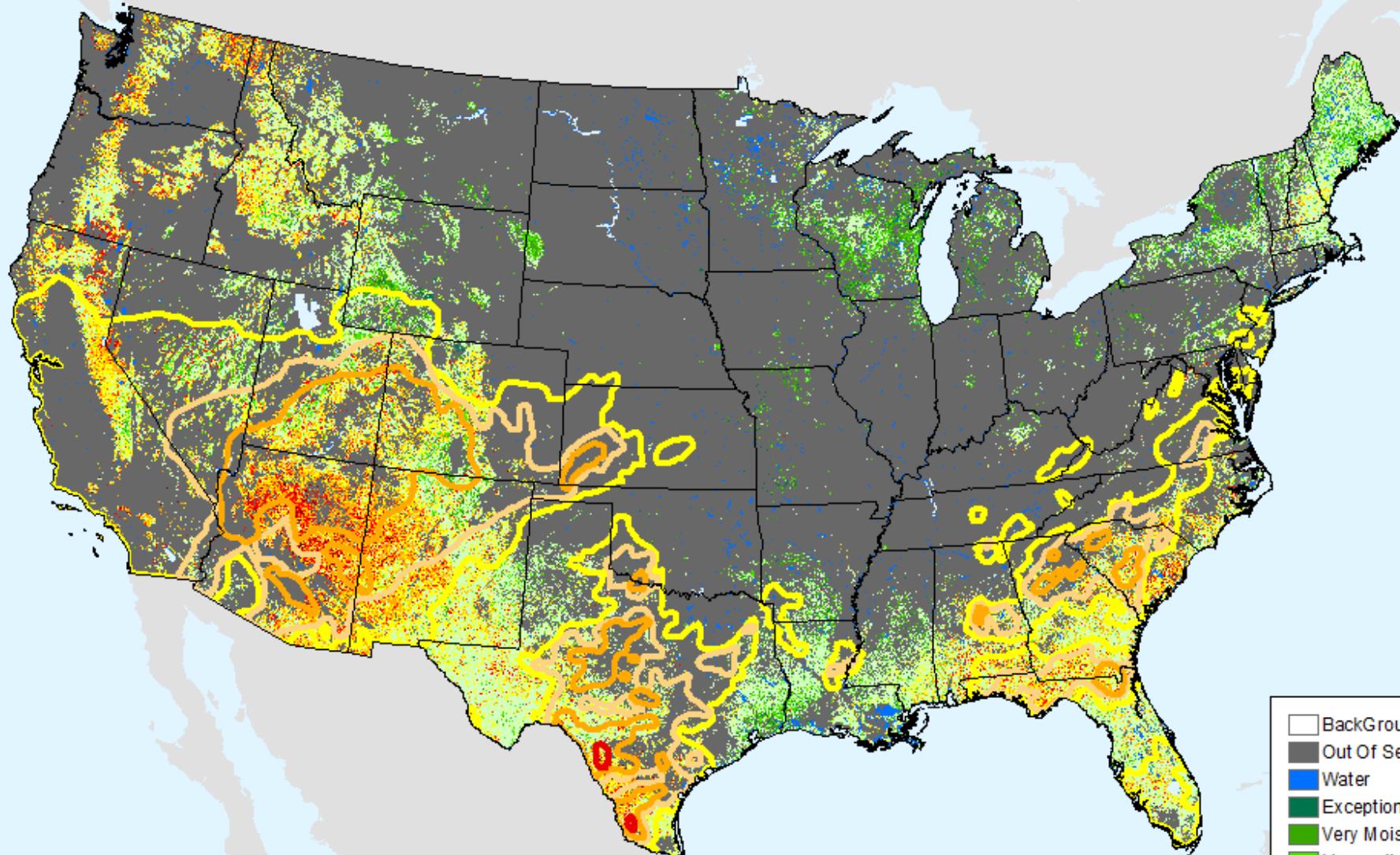
EDDI 12-week

As of: Tuesday, November 19, 2019



Vegetation Drought Response Index (VegDRI)

As of: Tuesday, November 19, 2019

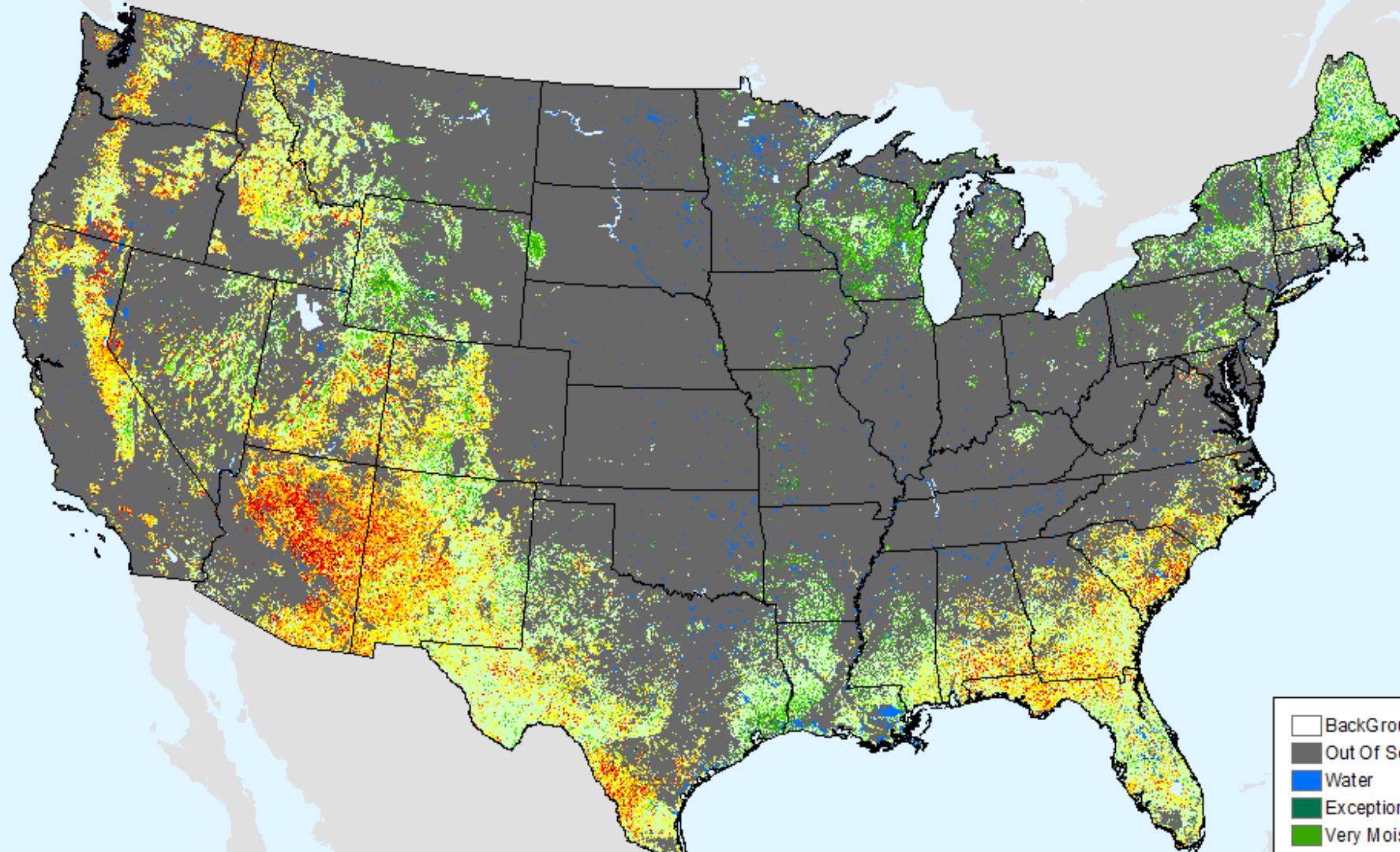


BackGround
Out Of Season
Water
Exceptionally Moist
Very Moist
Unusually Moist
Normal
Pre-Drought
Moderate Drought
Severe Drought
Extreme Drought

USDM for: Nov. 12, 2019

Vegetation Drought Response Index (VegDRI)

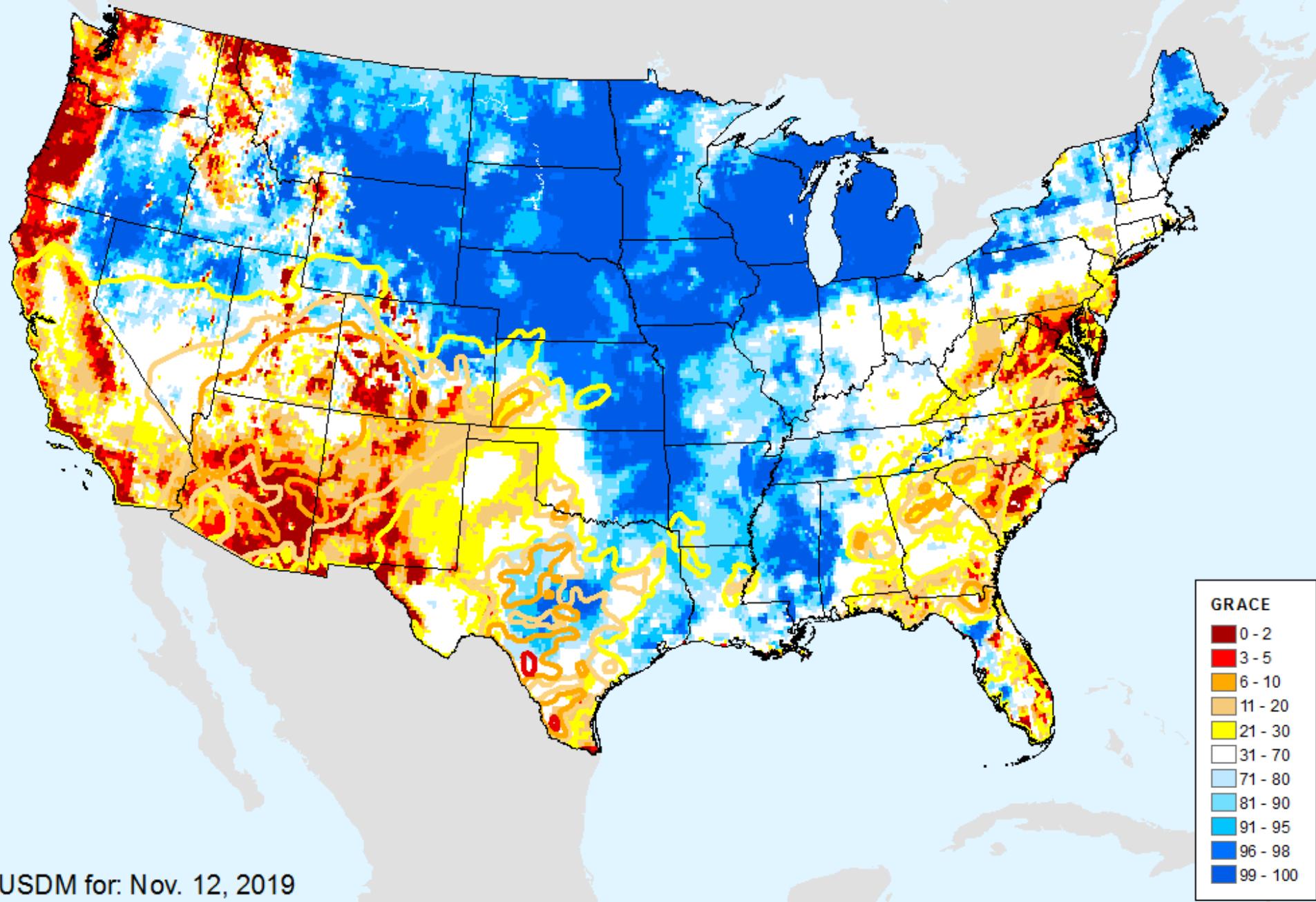
As of: Tuesday, November 19, 2019



White	BackGround
Dark Gray	Out Of Season
Blue	Water
Dark Teal	Exceptionally Moist
Dark Green	Very Moist
Light Green	Unusually Moist
Lightest Green	Normal
Yellow	Pre-Drought
Orange	Moderate Drought
Red	Severe Drought
Dark Red	Extreme Drought

GRACE-Based Shallow Groundwater Drought Indicator

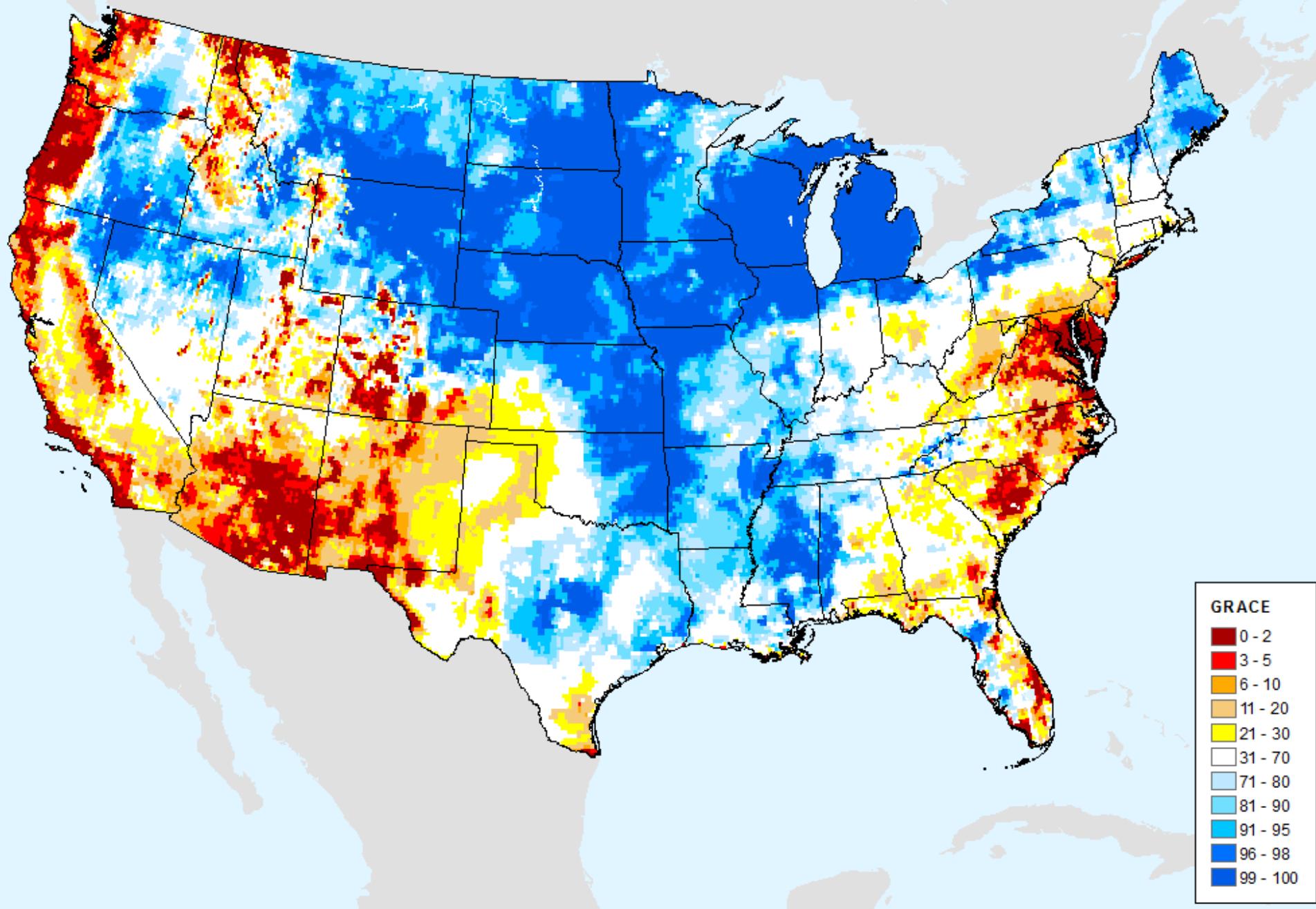
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

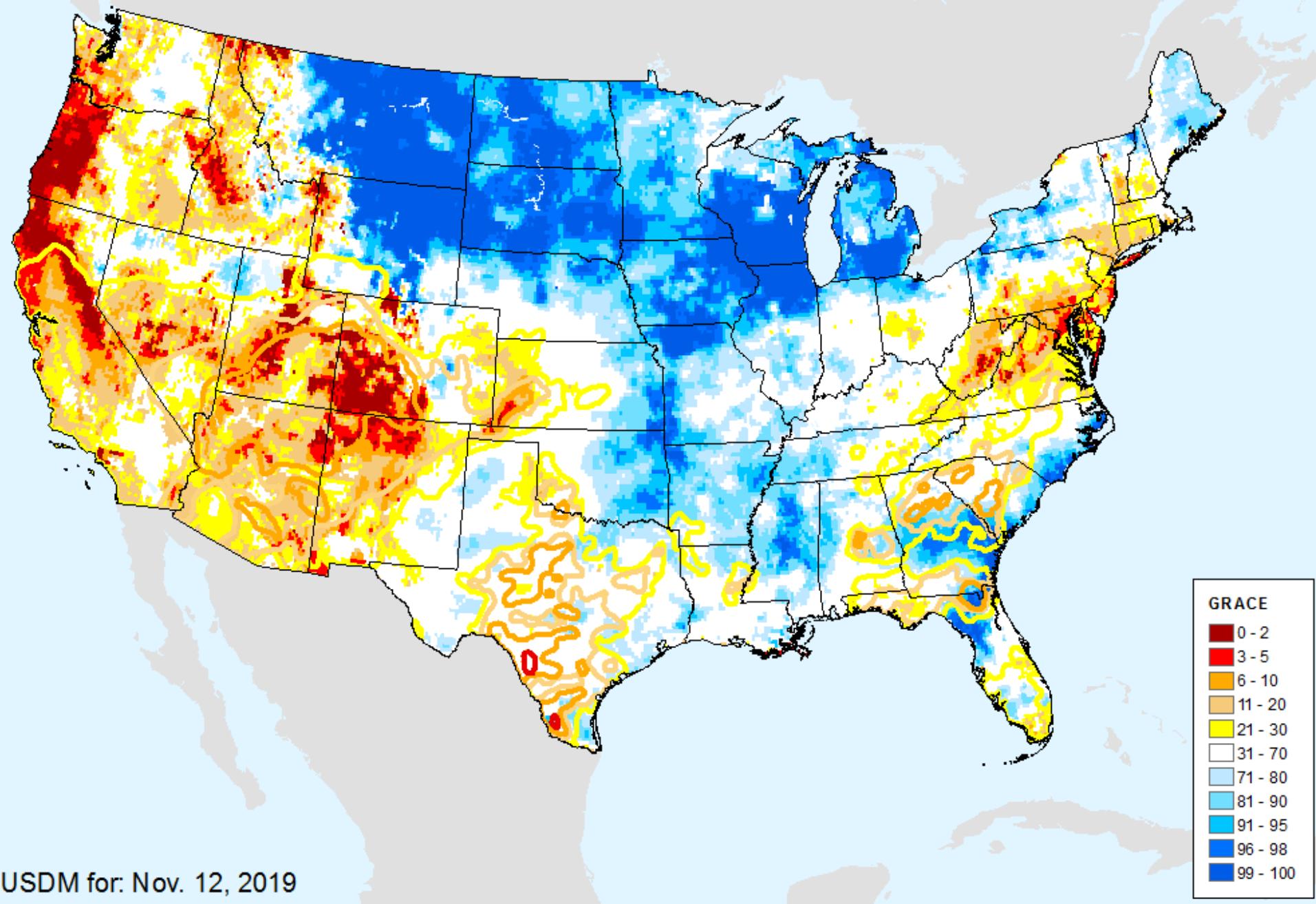
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, November 19, 2019



GRACE-Based Root Zone Soil Moisture Drought Indicator

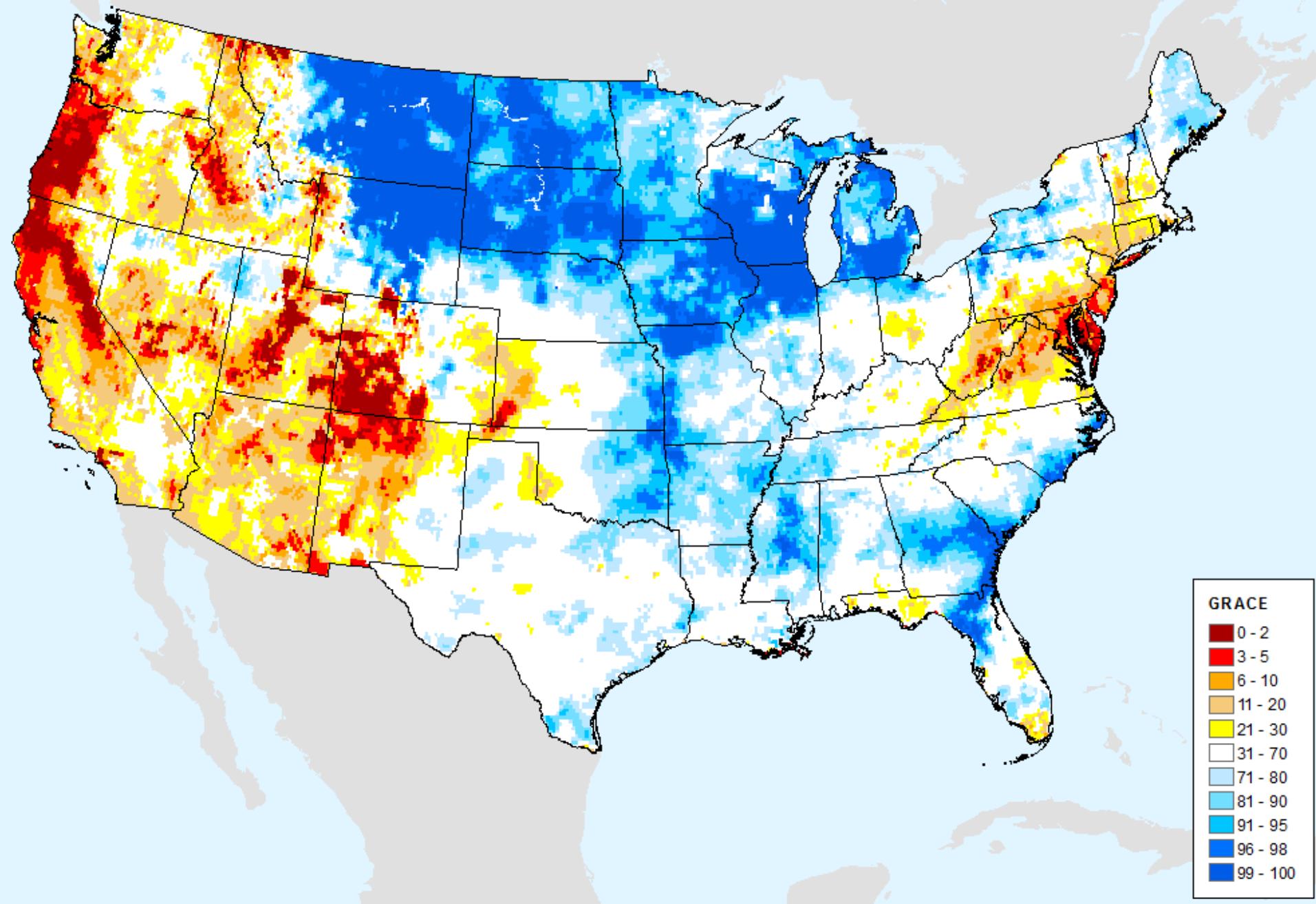
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

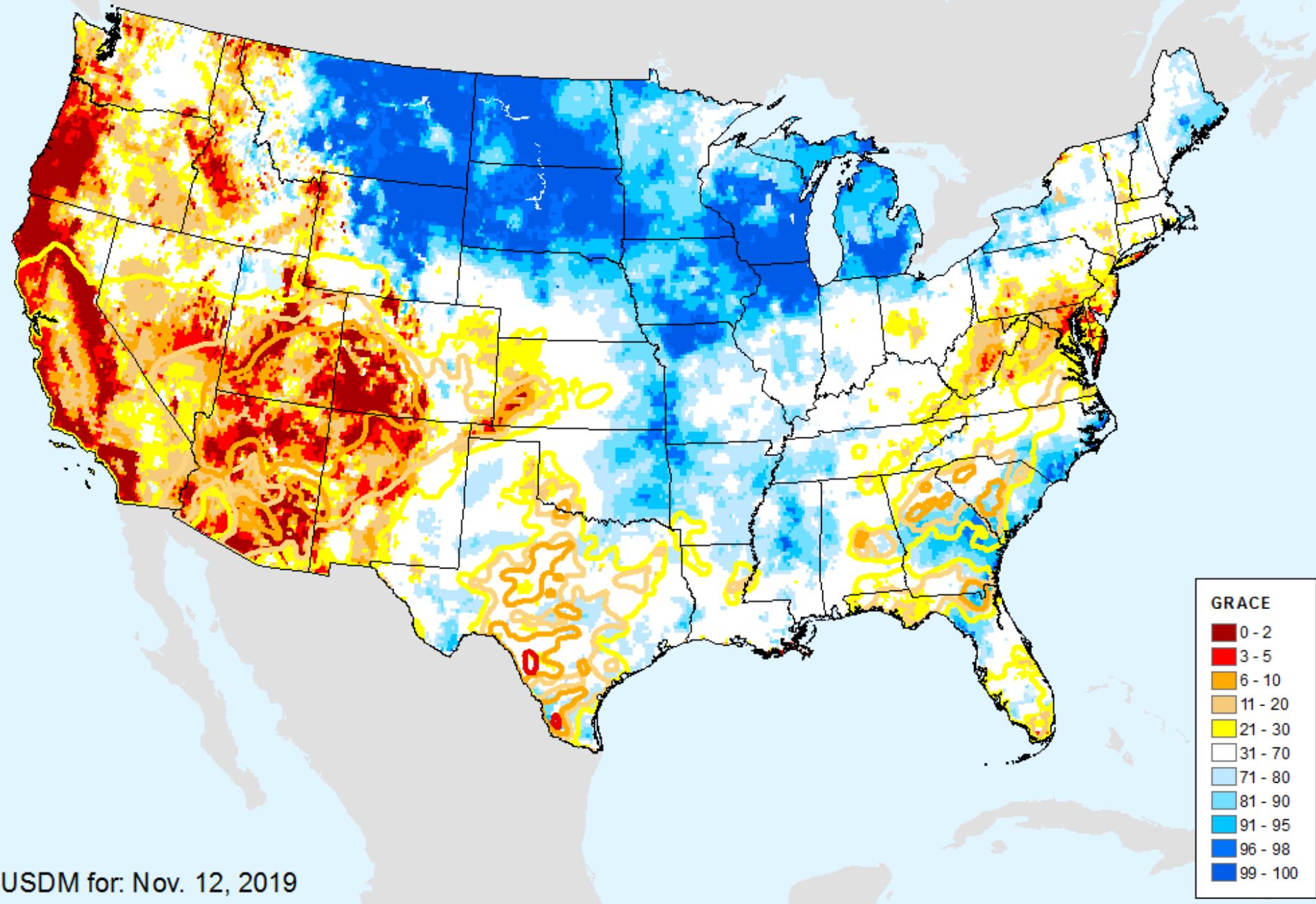
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, November 19, 2019



GRACE-Based Surface Soil Moisture Drought Indicator

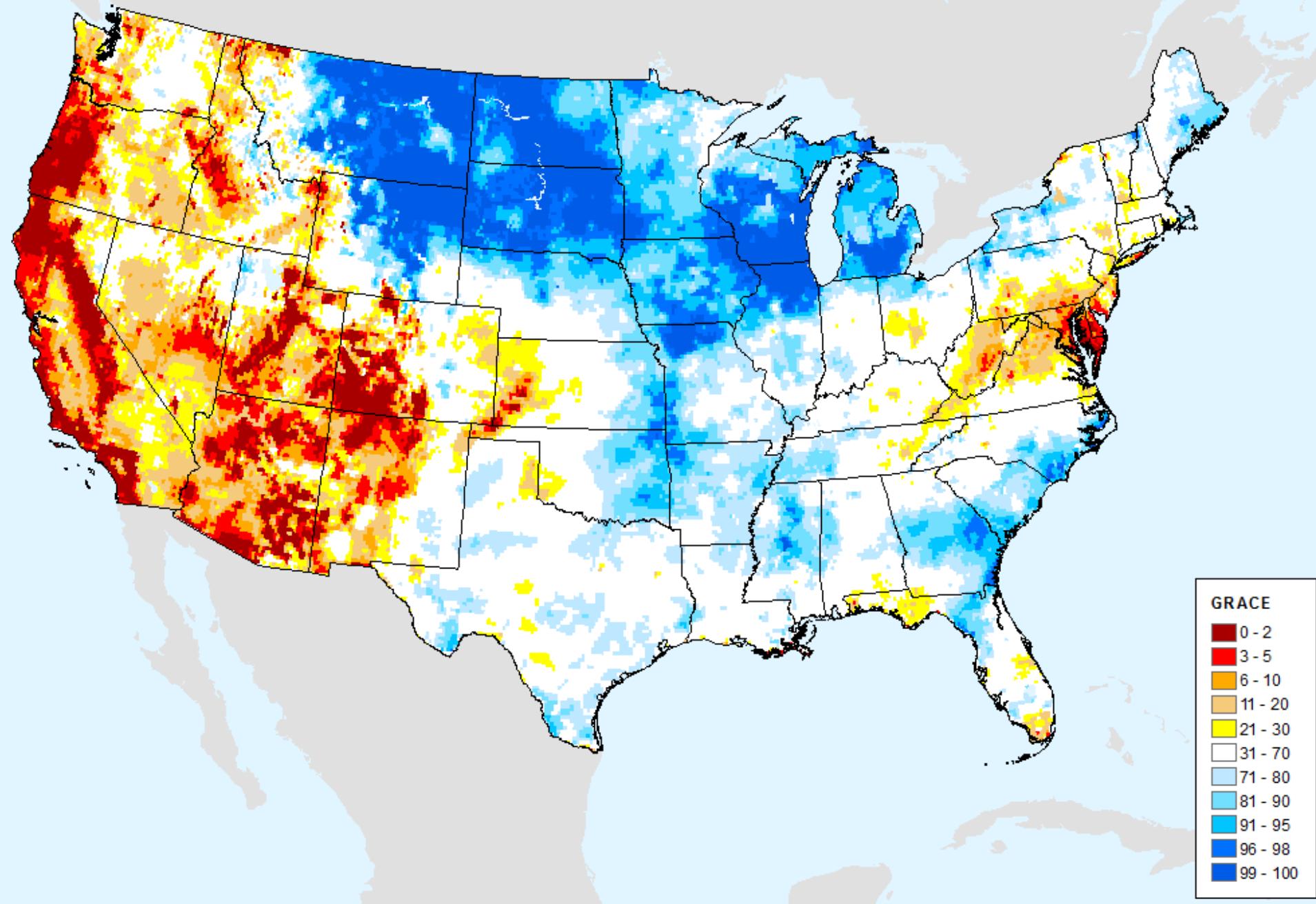
As of: Tuesday, November 19, 2019



USDM for: Nov. 12, 2019

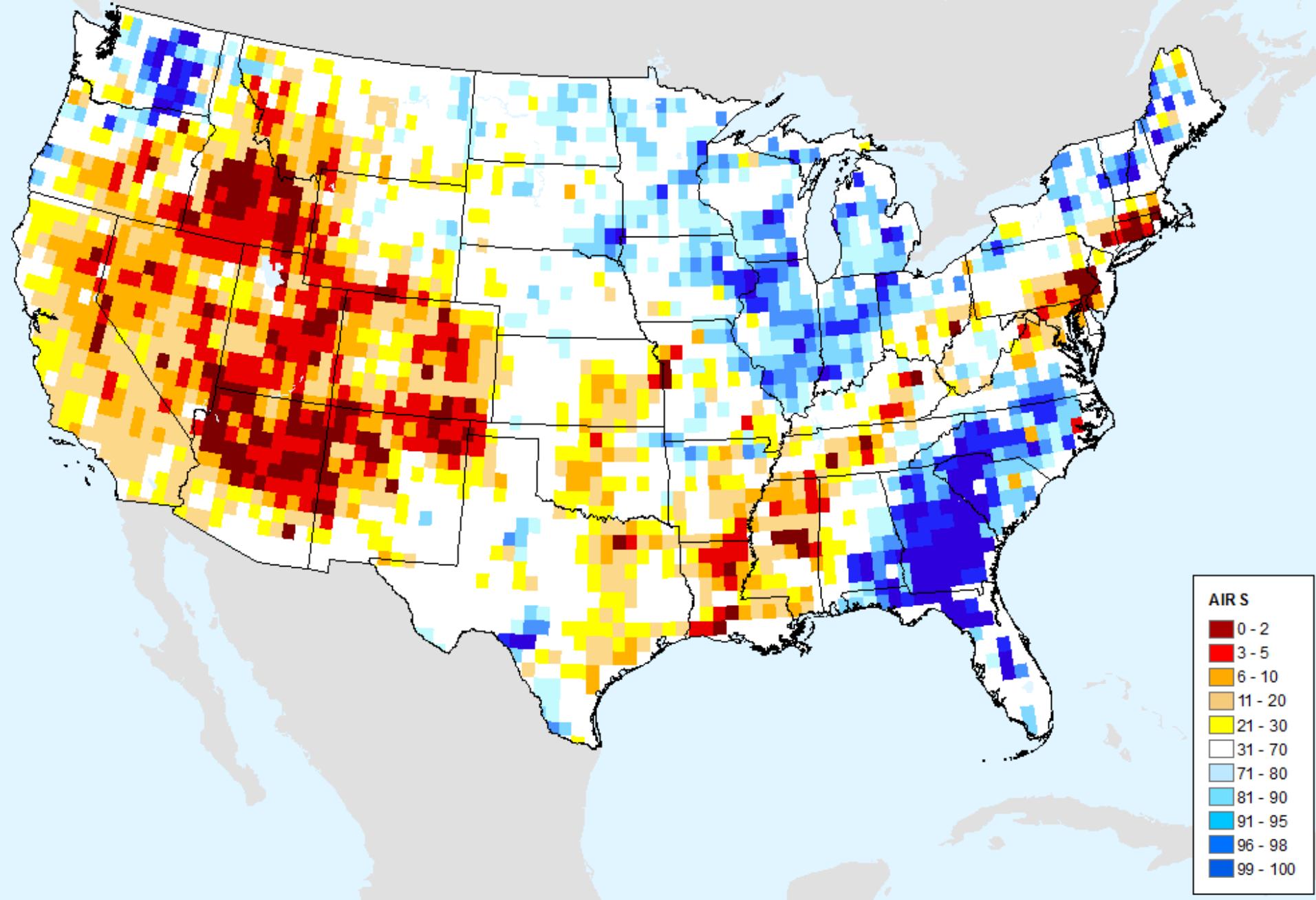
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, November 19, 2019



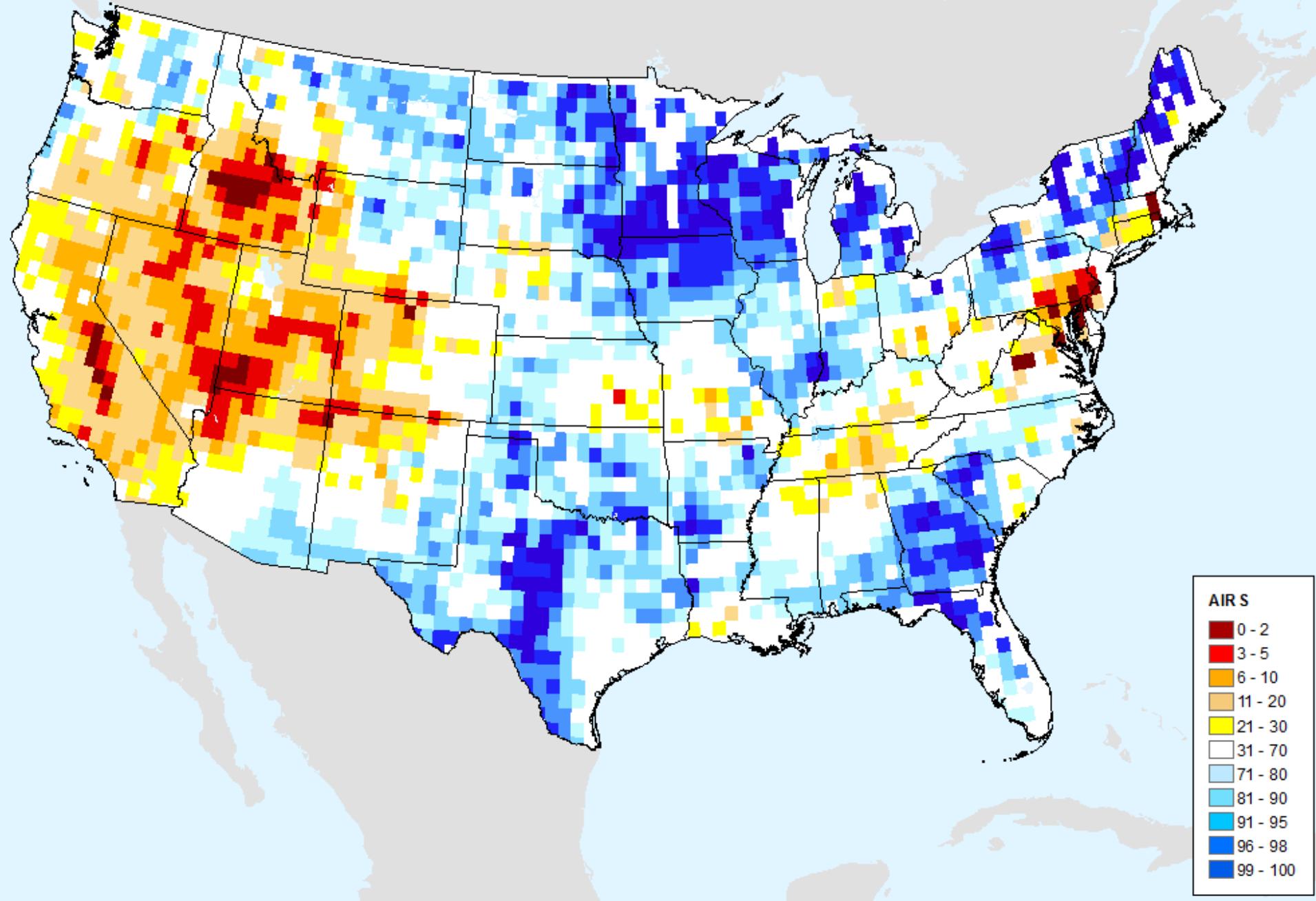
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, November 19, 2019



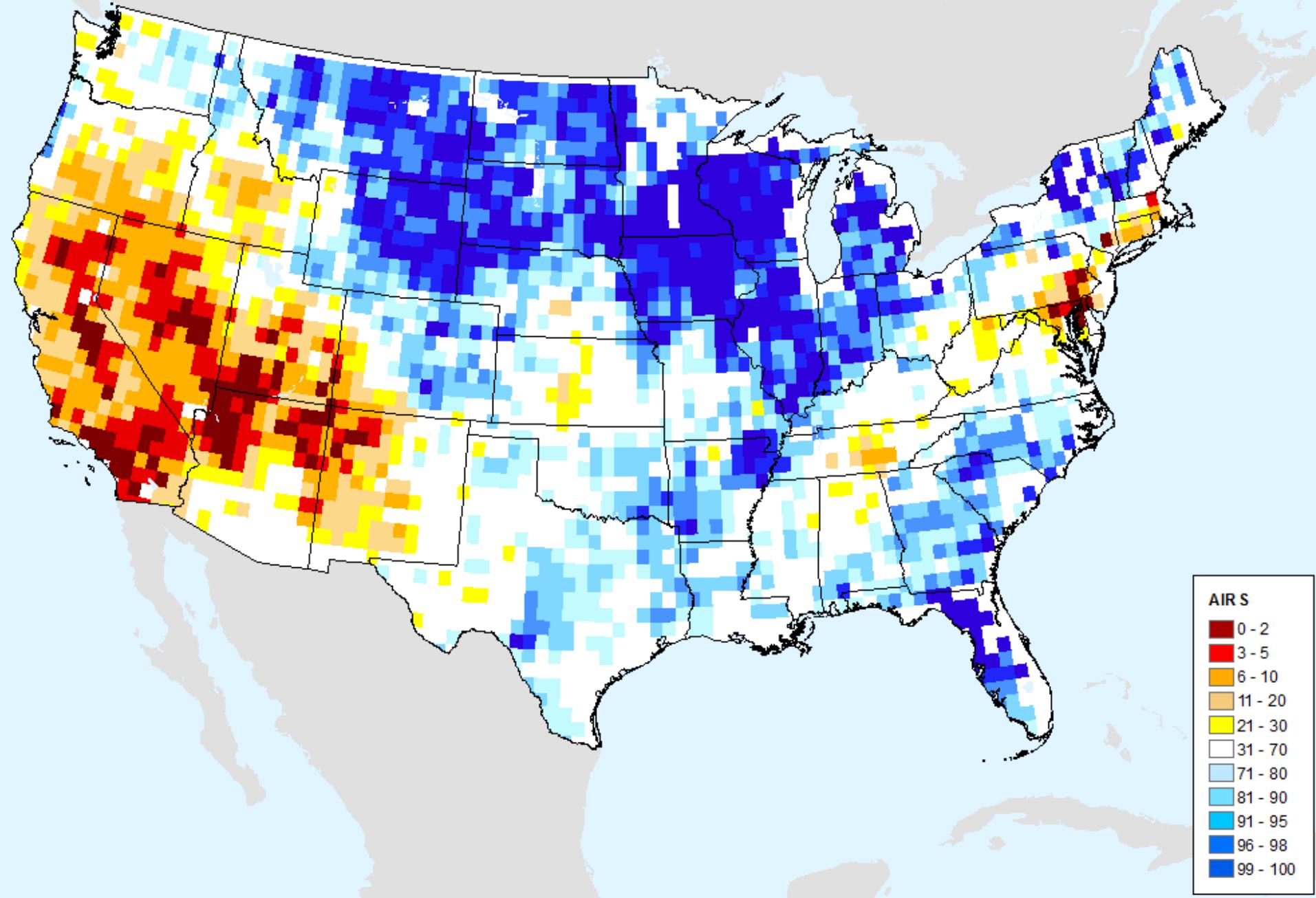
AIRS-Based Surface Relative Humidity 14 Day

As of: Tuesday, November 19, 2019



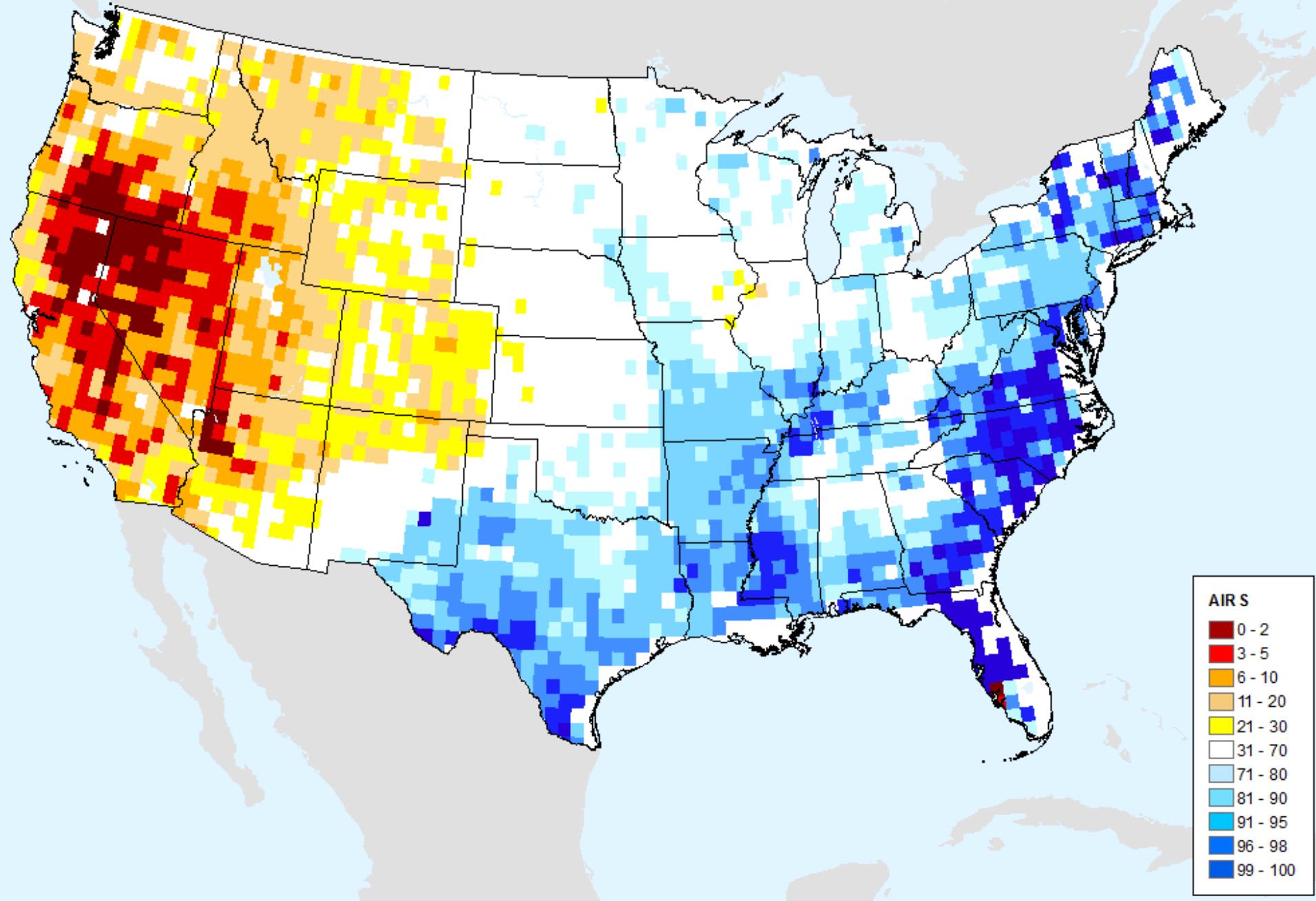
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, November 19, 2019



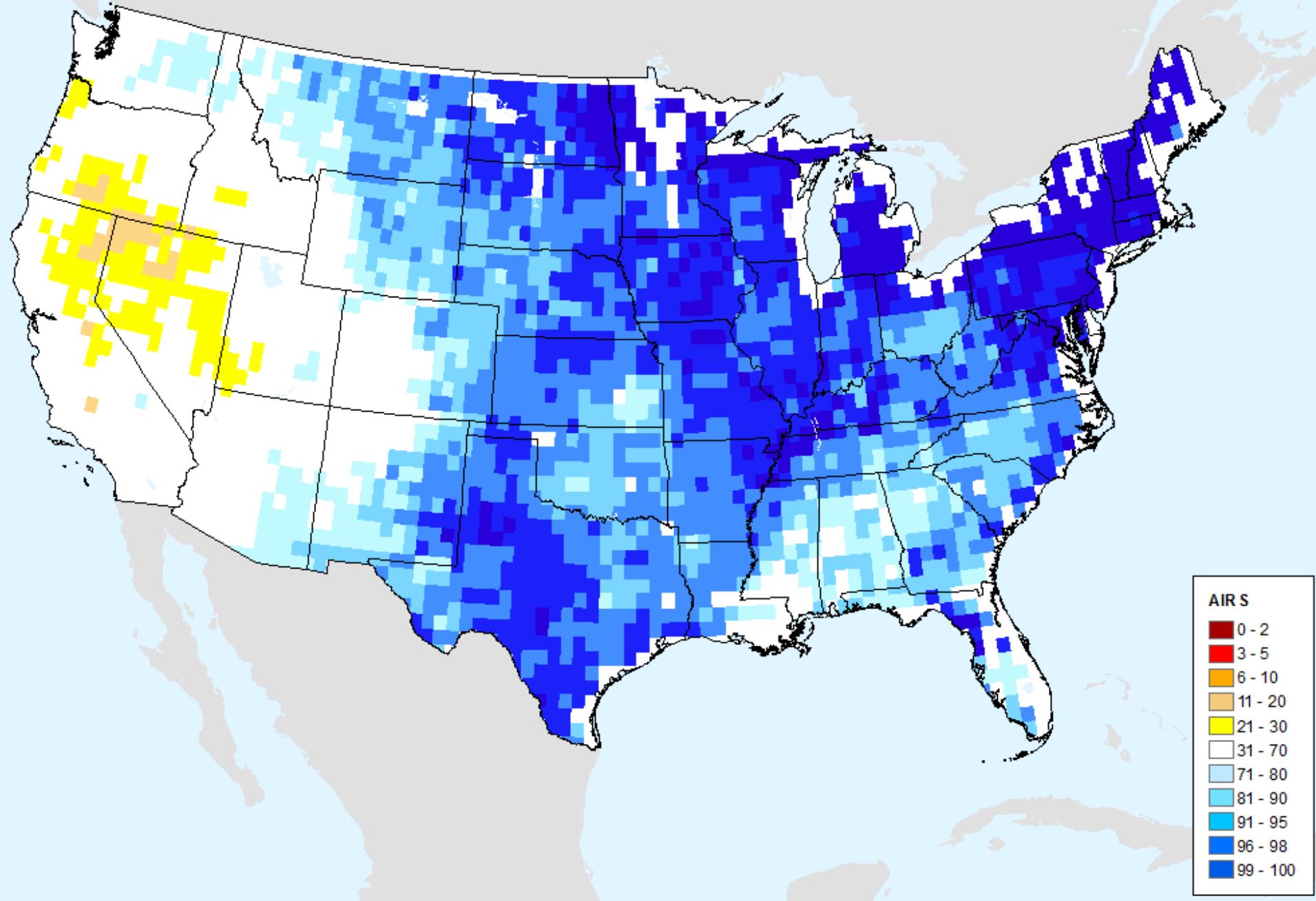
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Tuesday, November 19, 2019



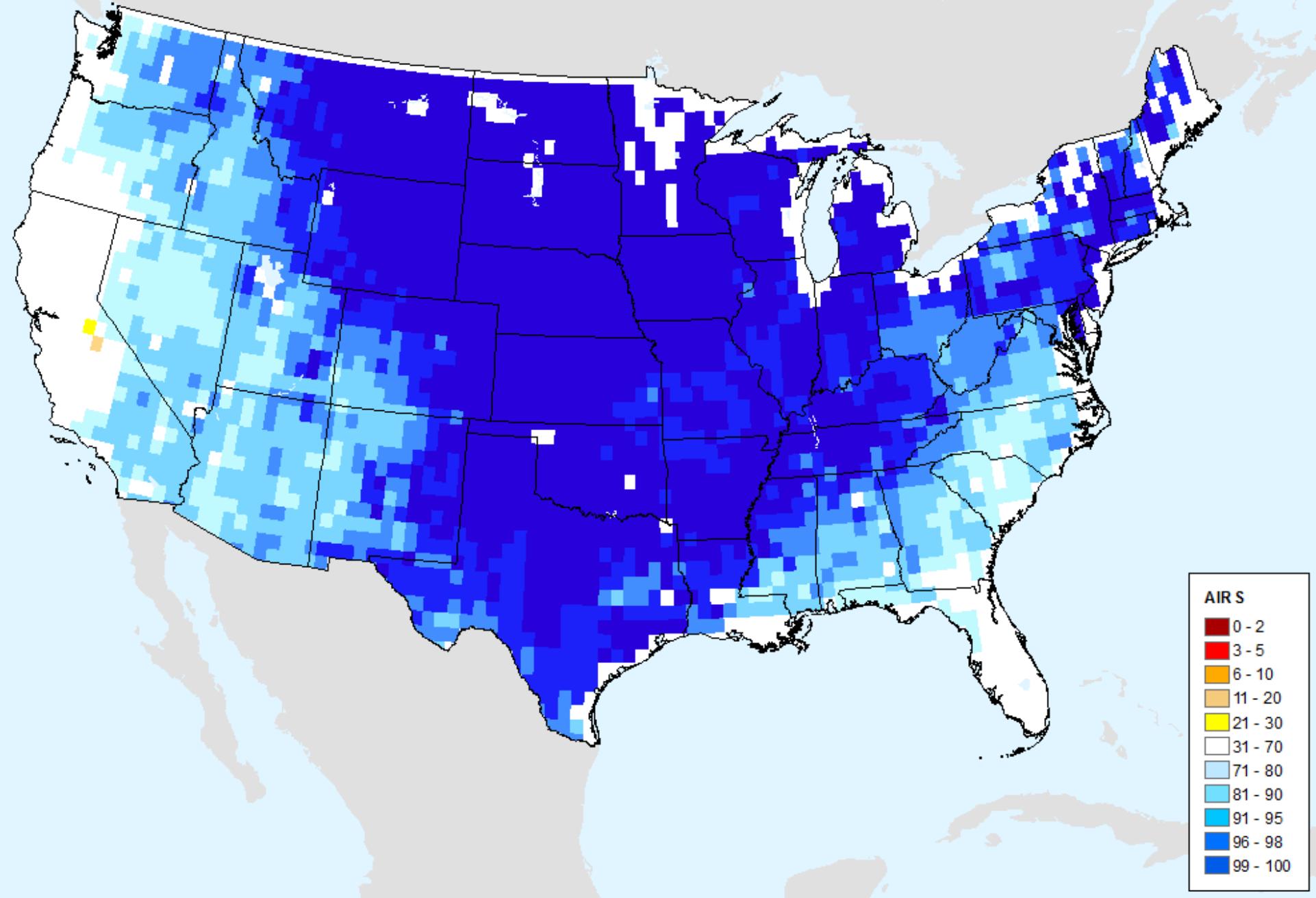
AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Tuesday, November 19, 2019



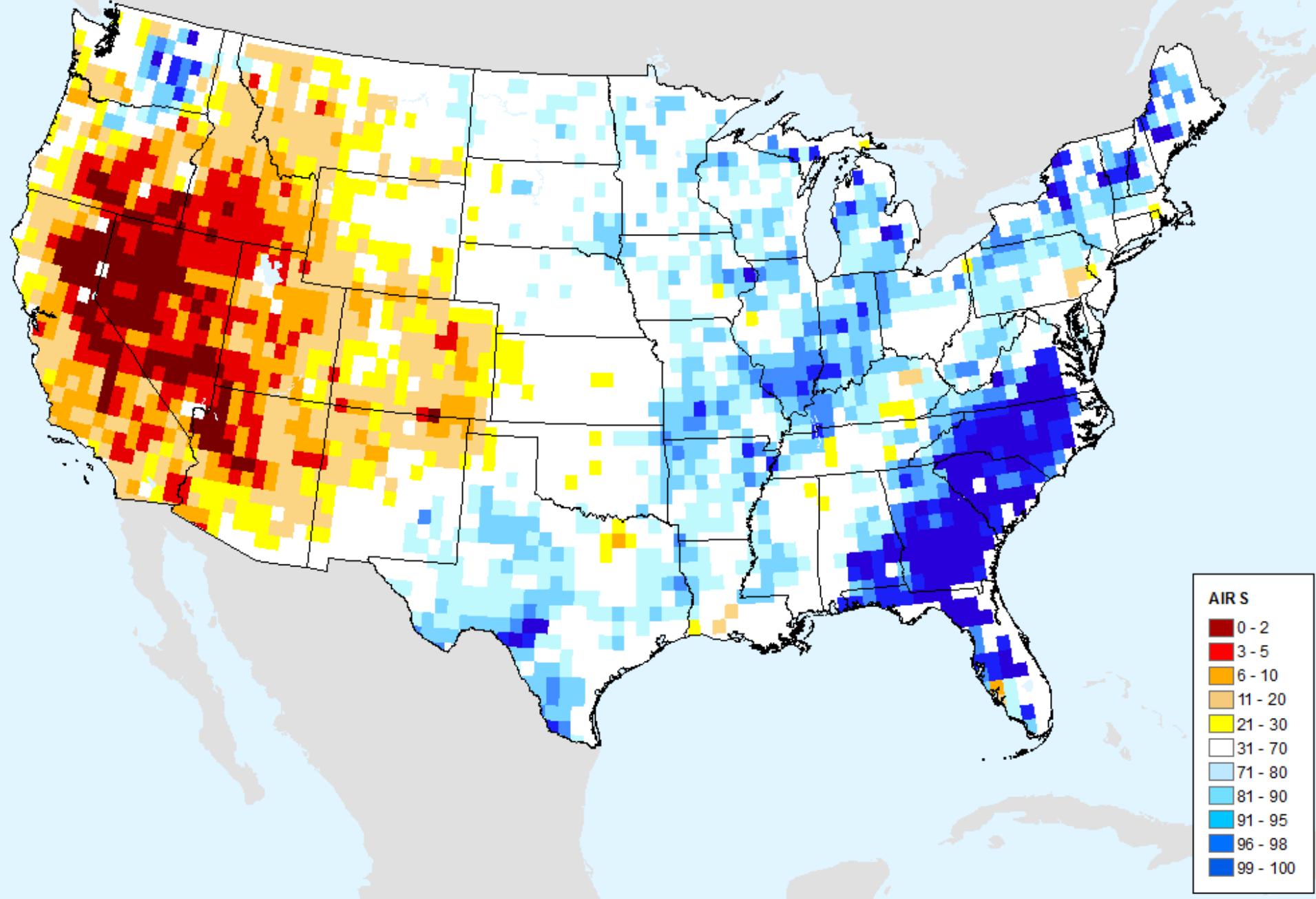
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, November 19, 2019



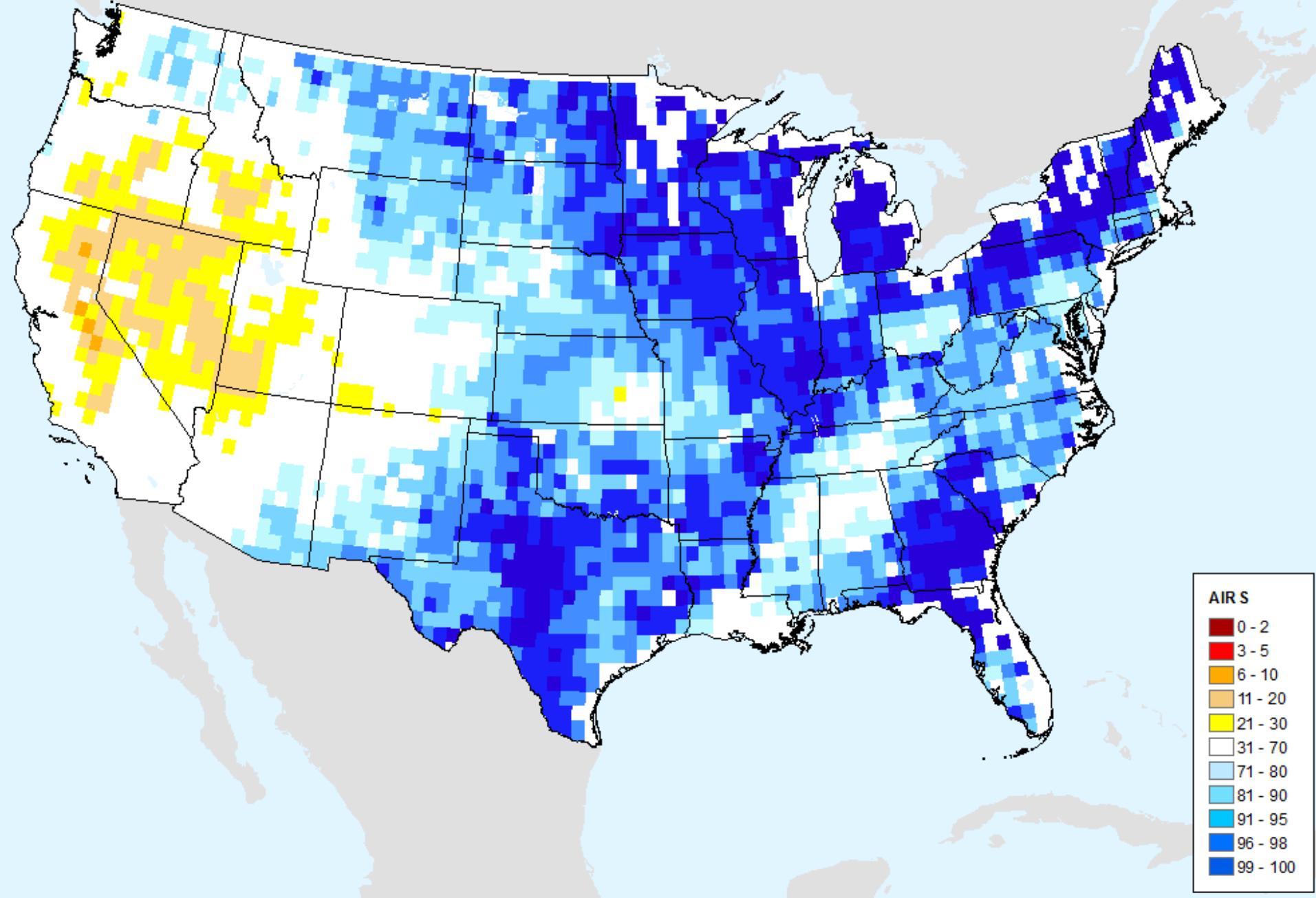
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, November 19, 2019



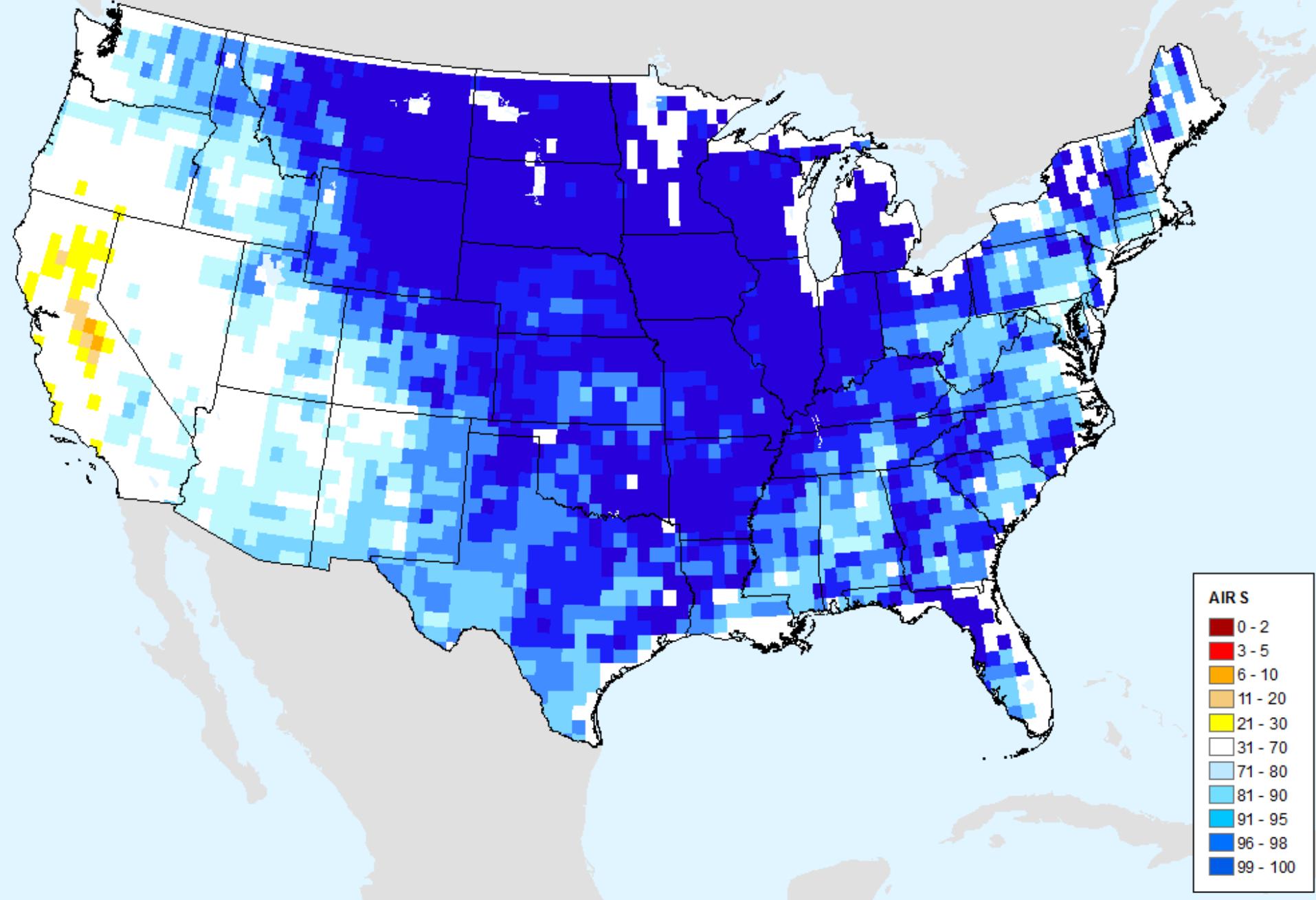
AIRS-Based Vapor Pressure Deficit 14 Day

As of: Tuesday, November 19, 2019

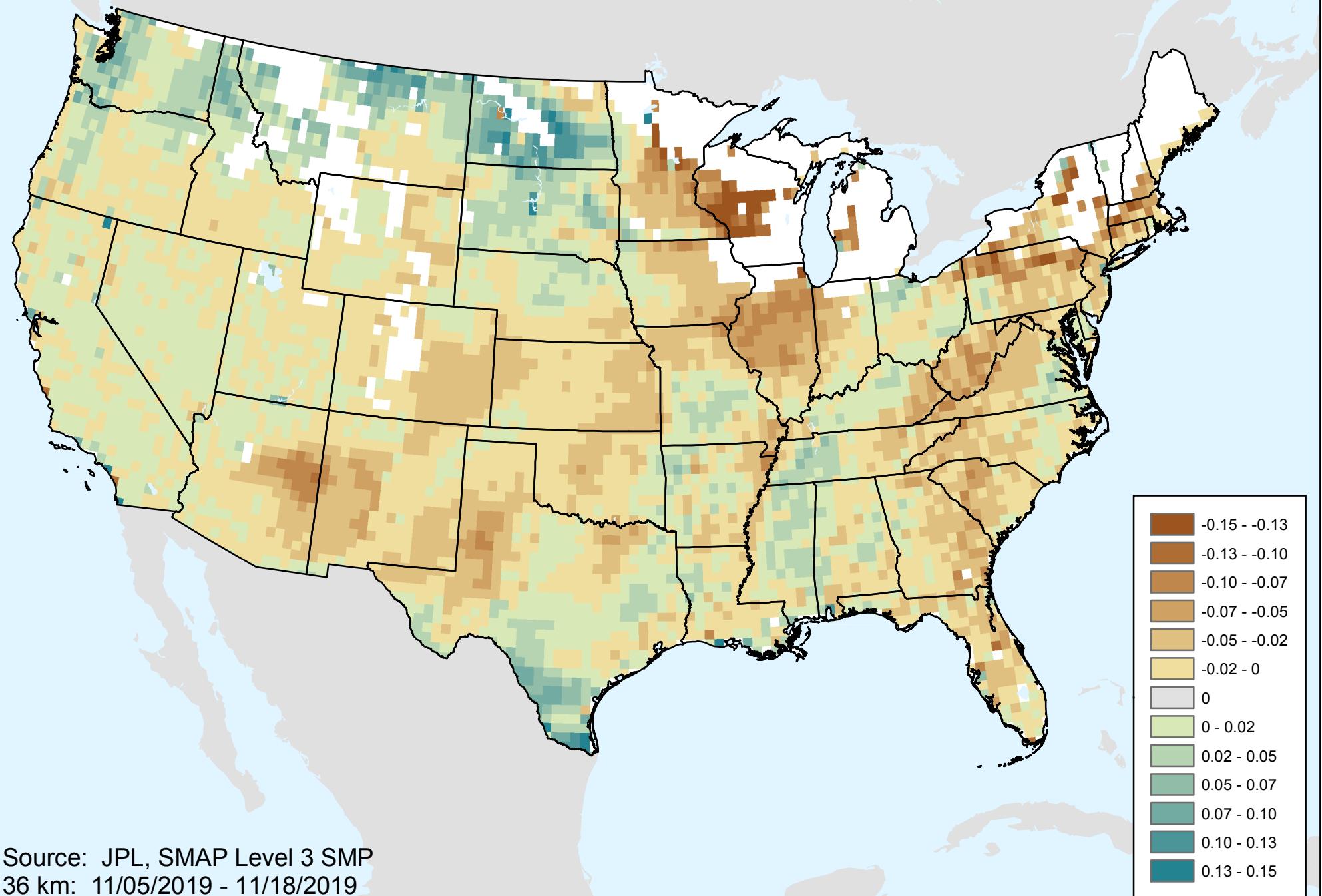


AIRS-Based Vapor Pressure Deficit 28 Day

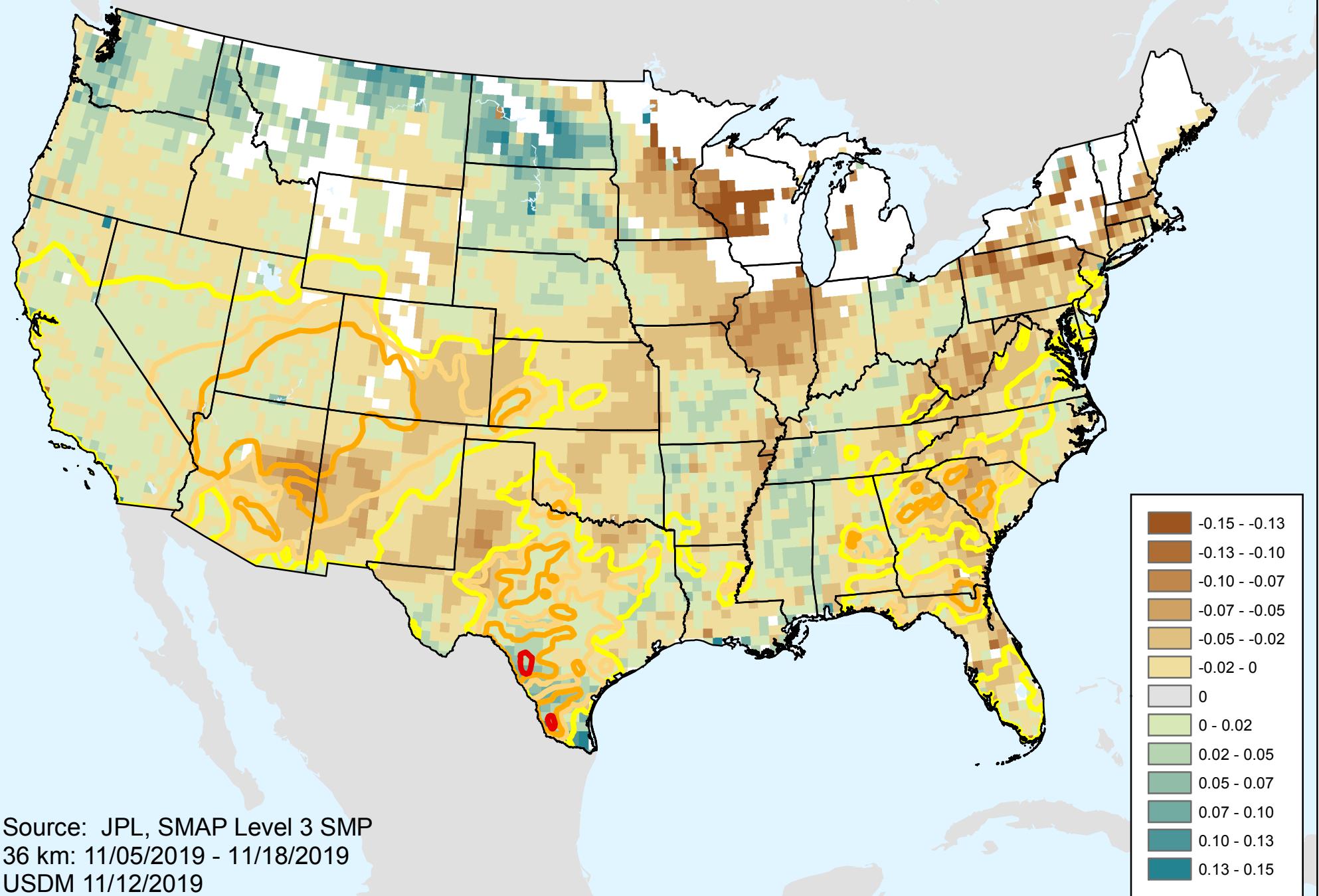
As of: Tuesday, November 19, 2019



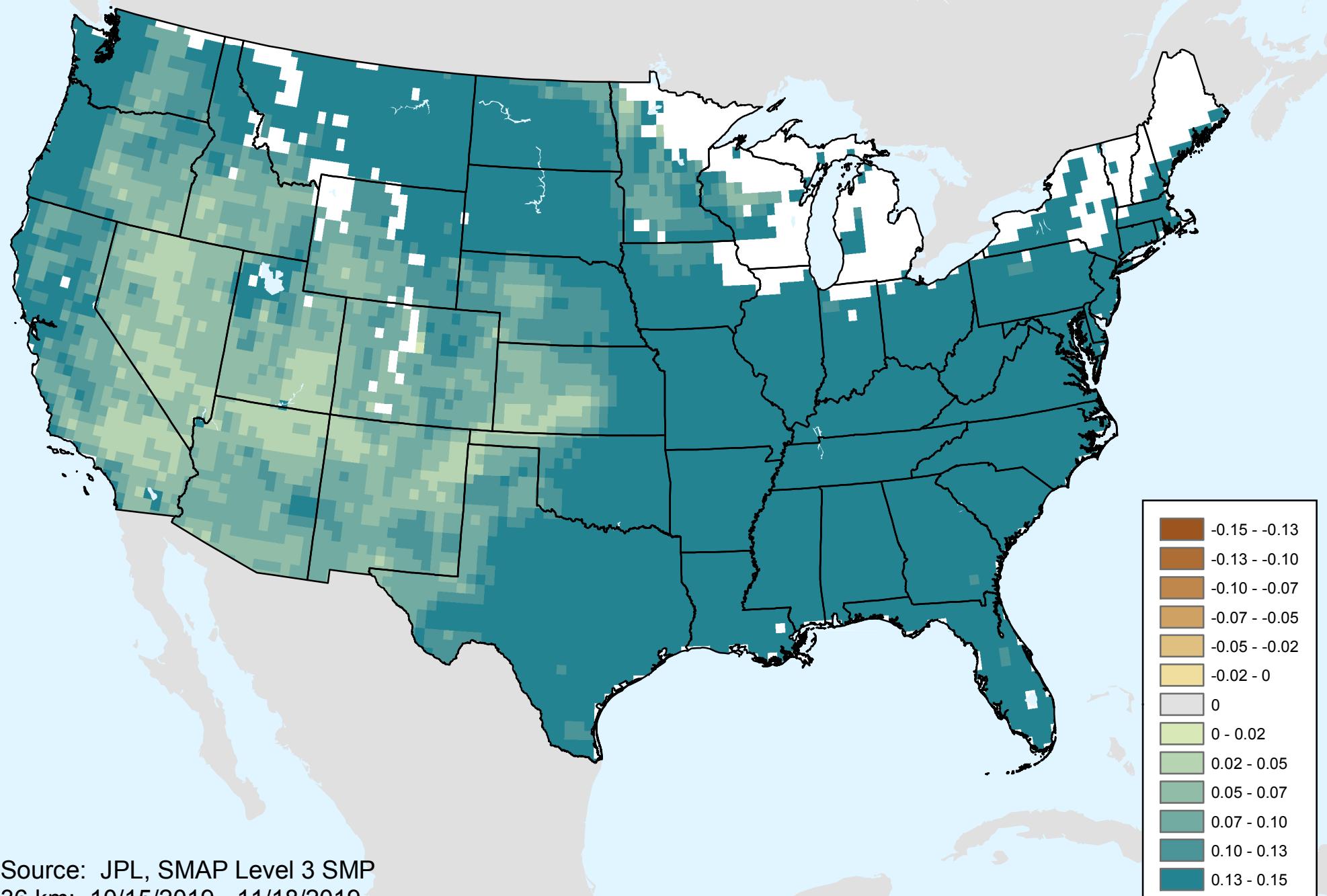
SMAP 1-Week Change in Soil Moisture 0-5 cm



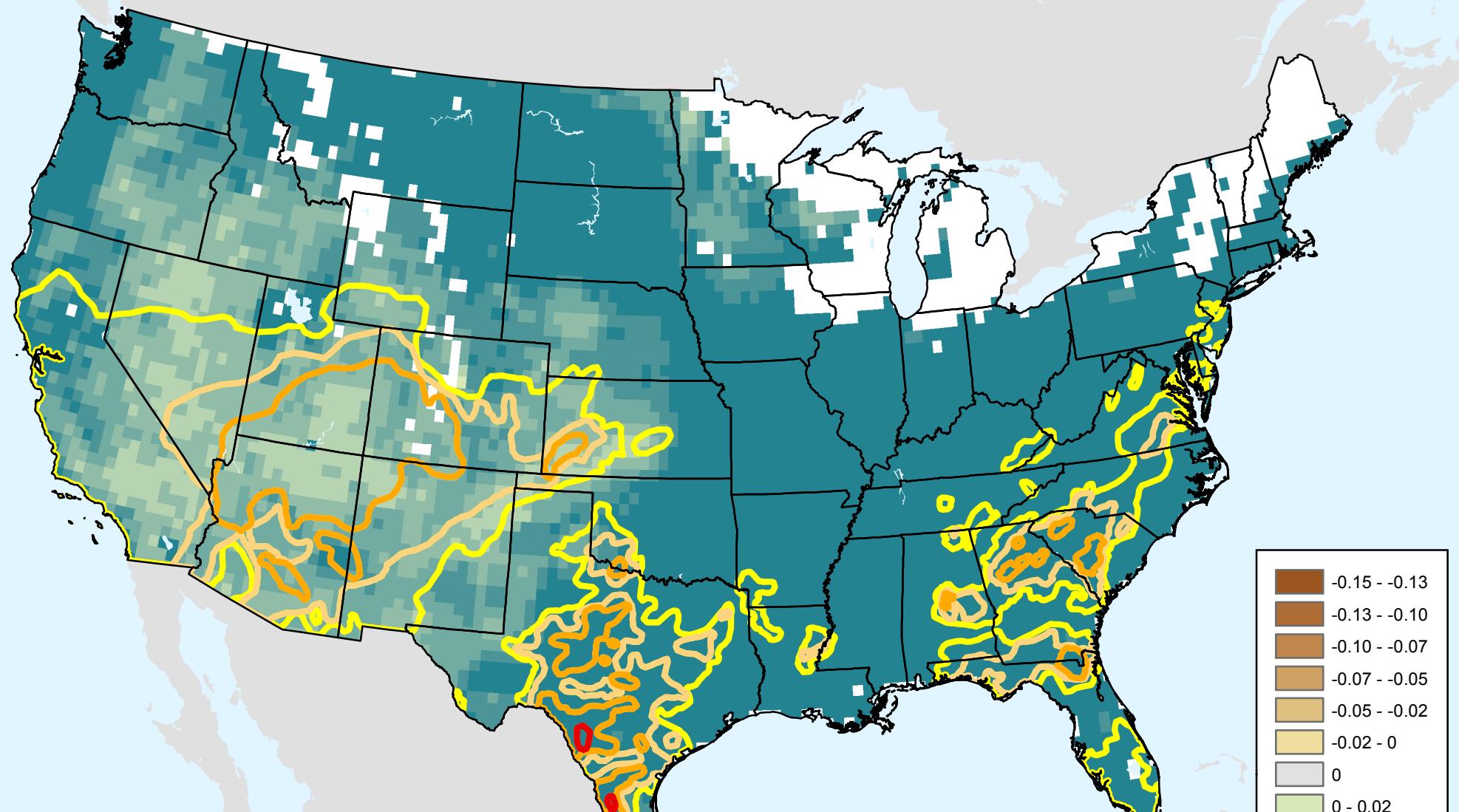
SMAP 1-Week Change in Soil Moisture 0-5 cm



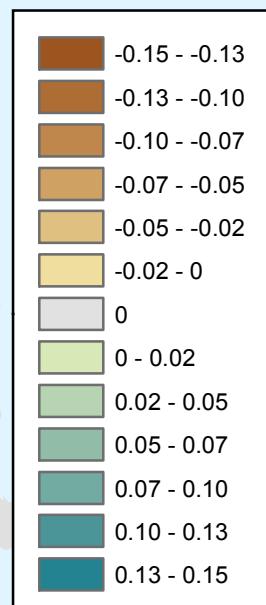
SMAP 1-Month Change in Soil Moisture 0-5 cm



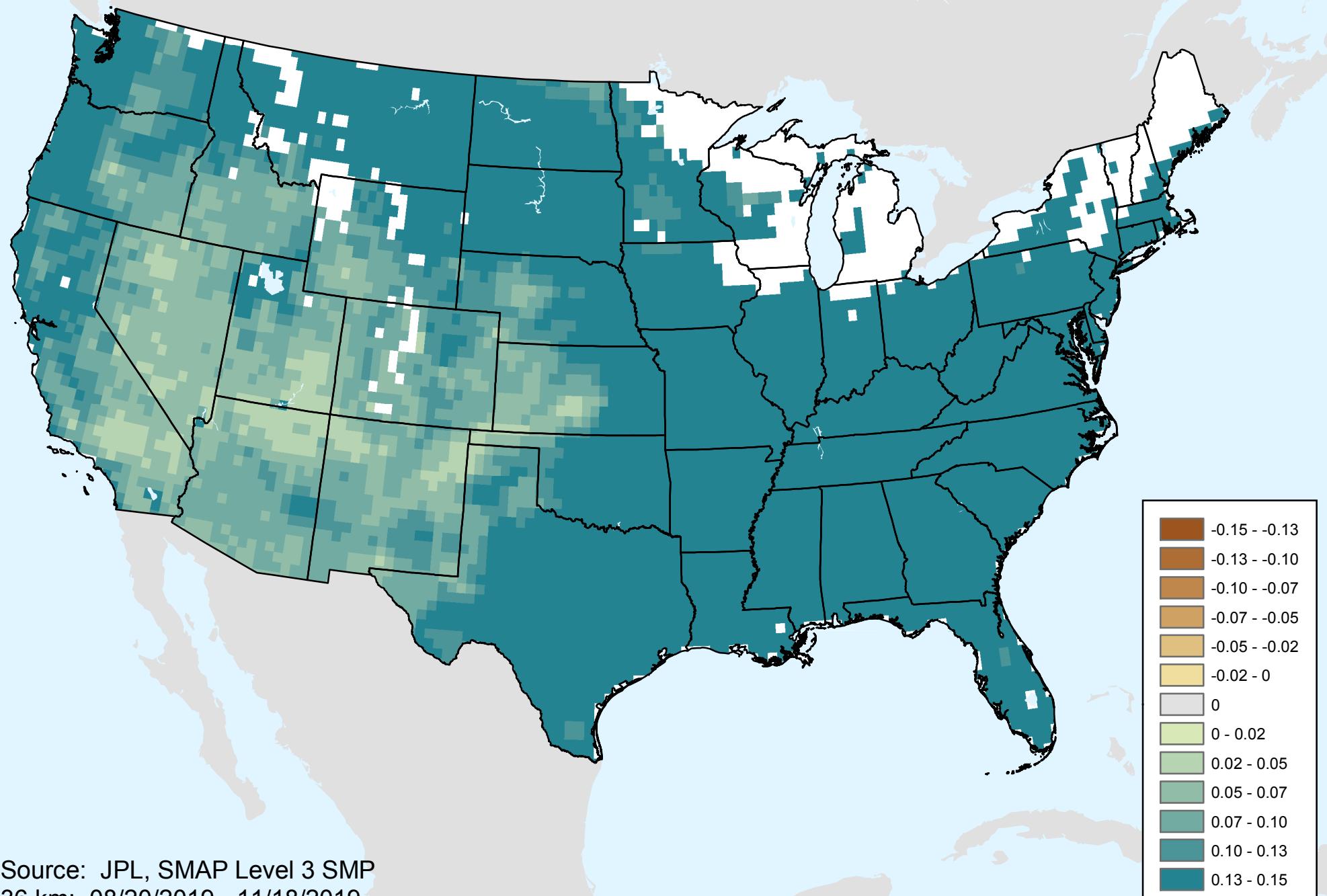
SMAP 1-Month Change in Soil Moisture 0-5 cm



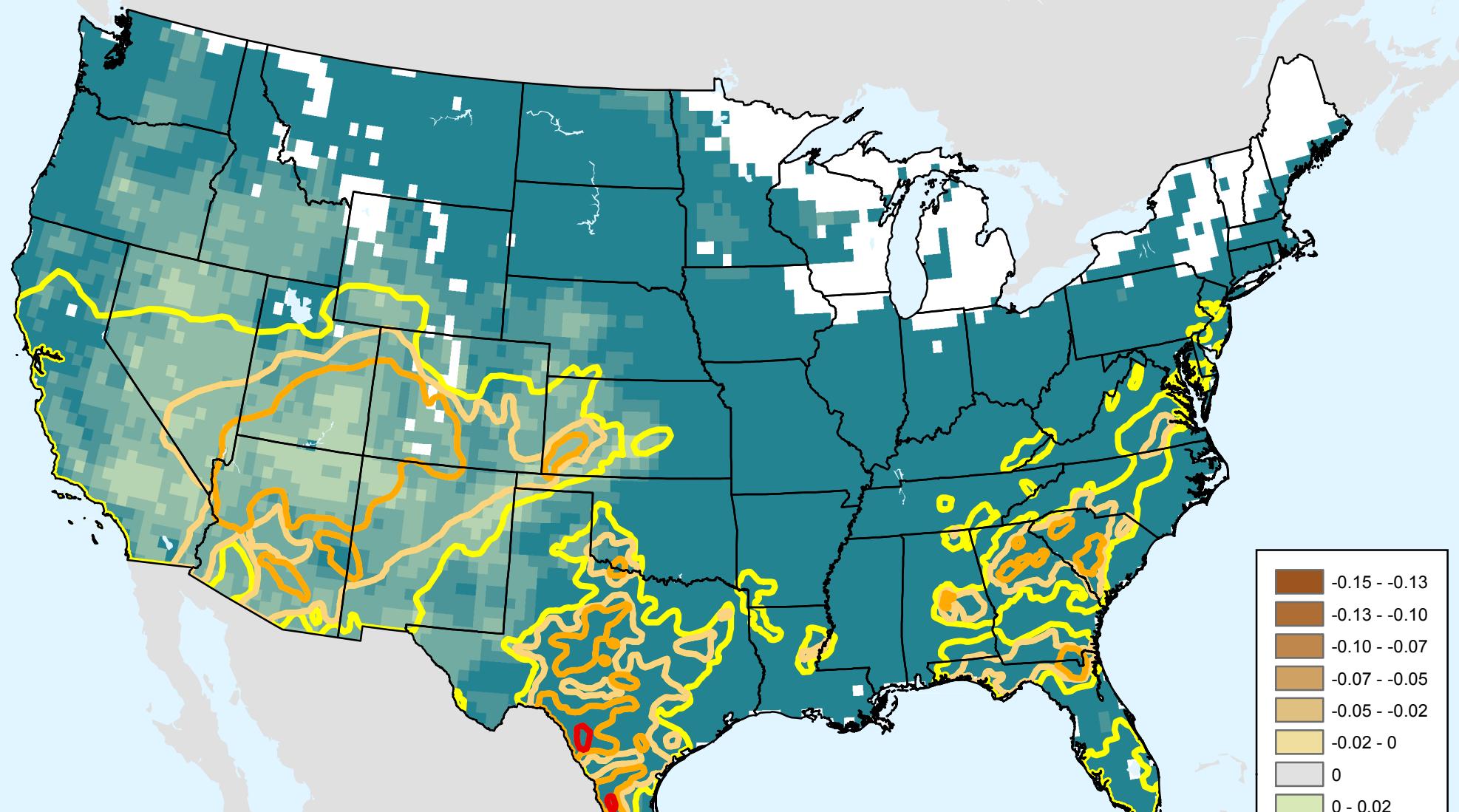
Source: JPL, SMAP Level 3 SMP
36 km: 10/15/2019 - 11/18/2019
USDM 11/12/2019



SMAP 3-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: 08/20/2019 - 11/18/2019
USDM 11/12/2019

