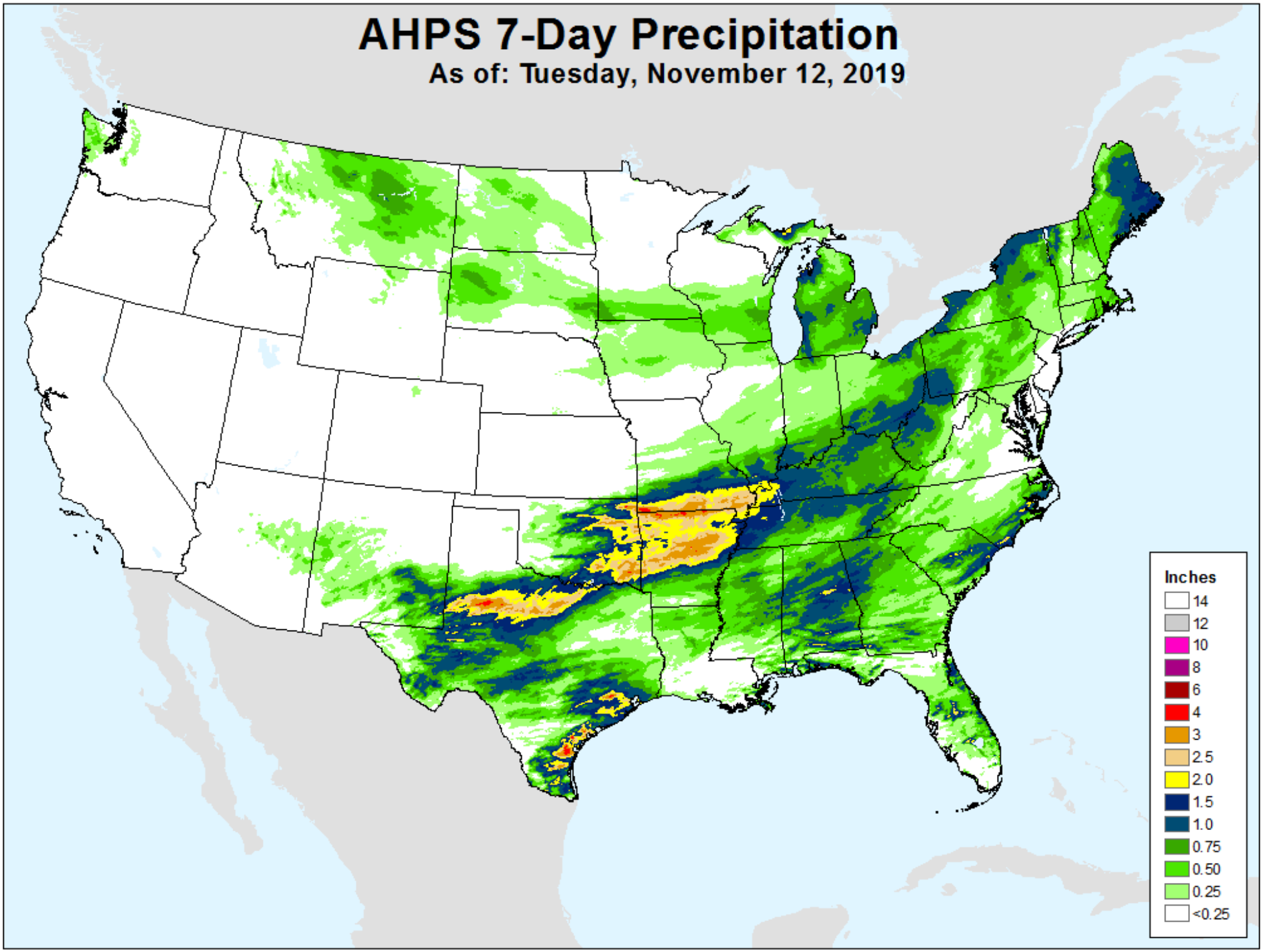
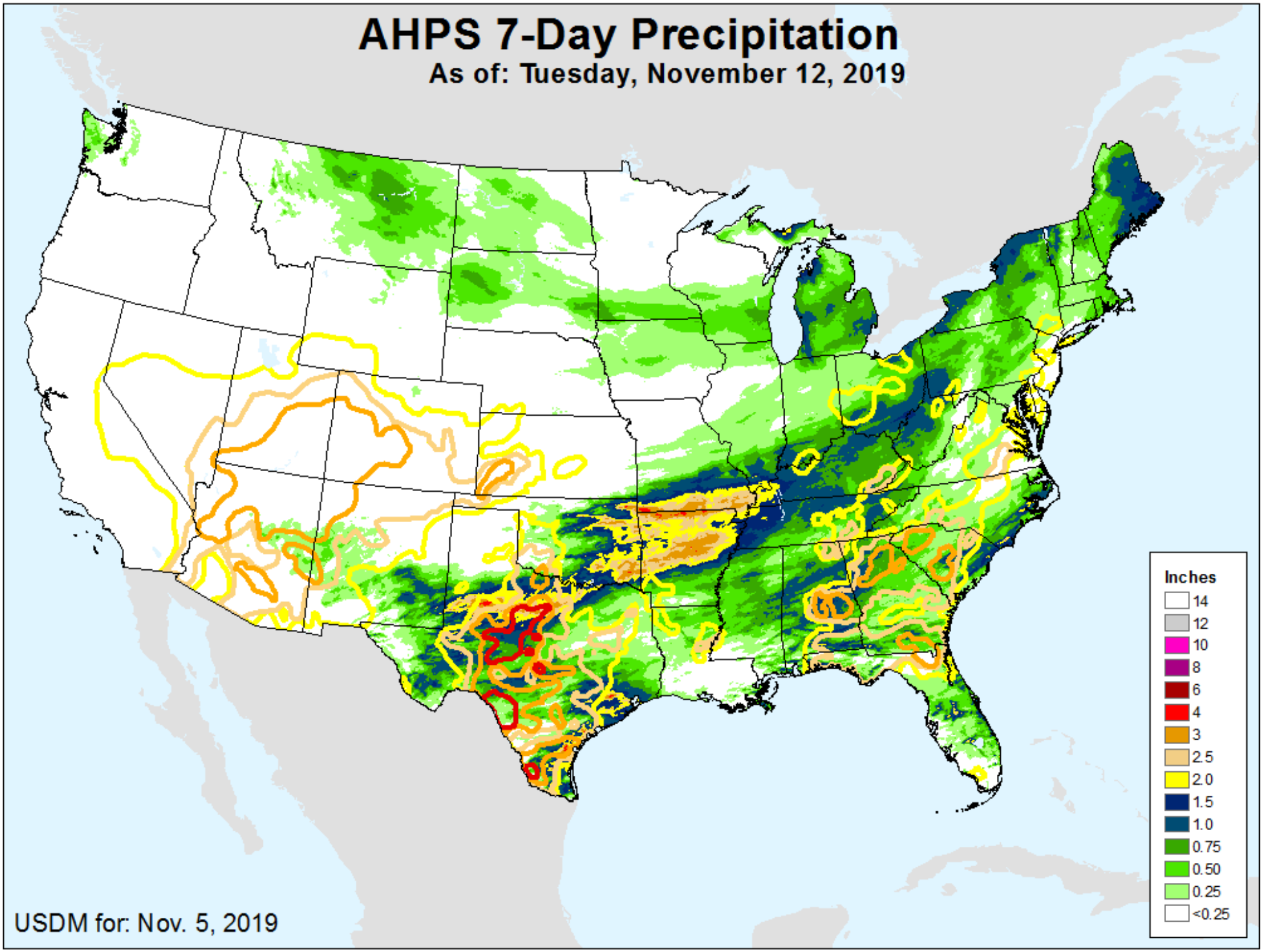
AHPS 7-Day Precipitation

As of: Tuesday, November 12, 2019



AHPS 7-Day Precipitation

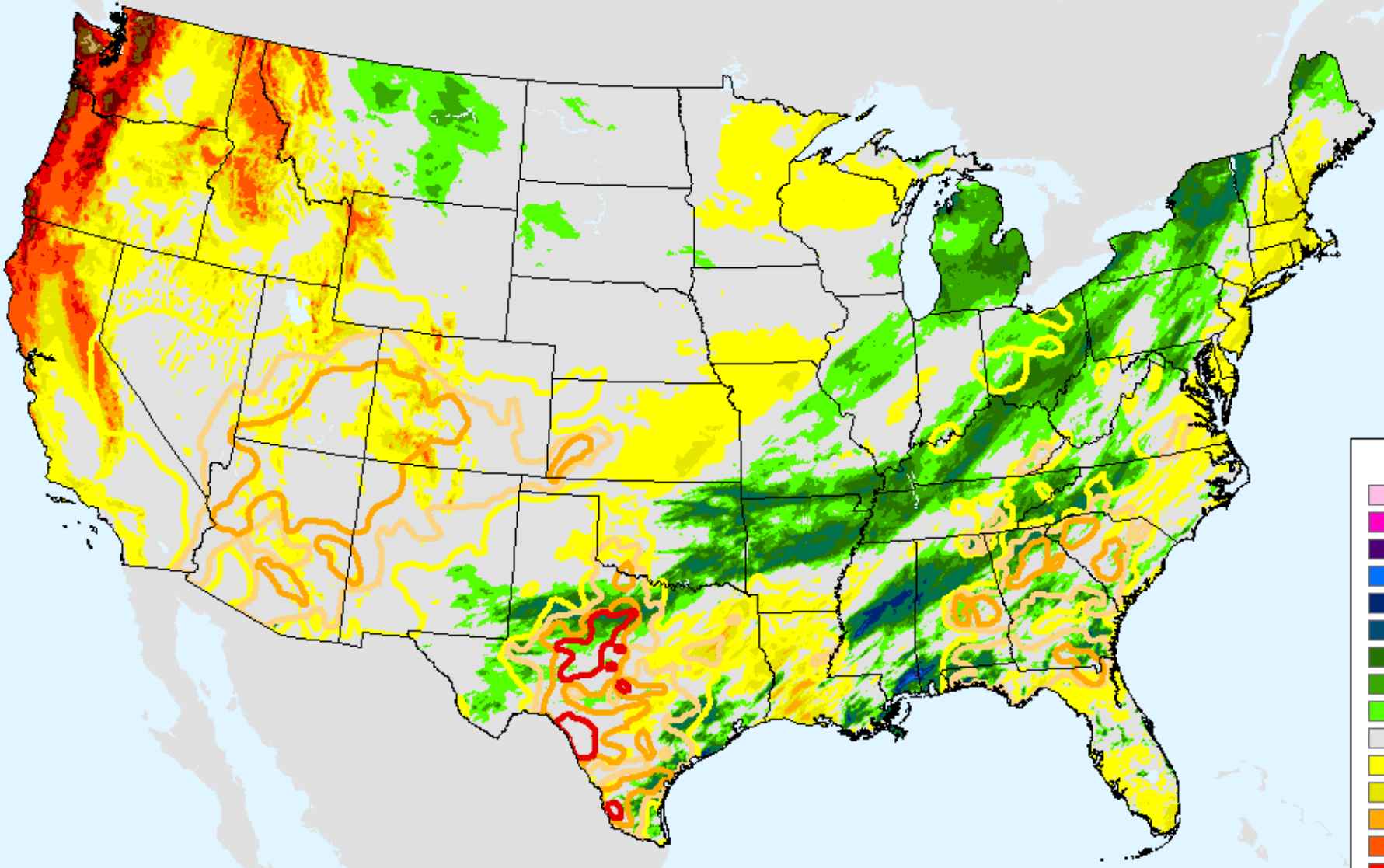
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

AHPS 14-Day Precip Departure

As of: Tuesday, November 12, 2019



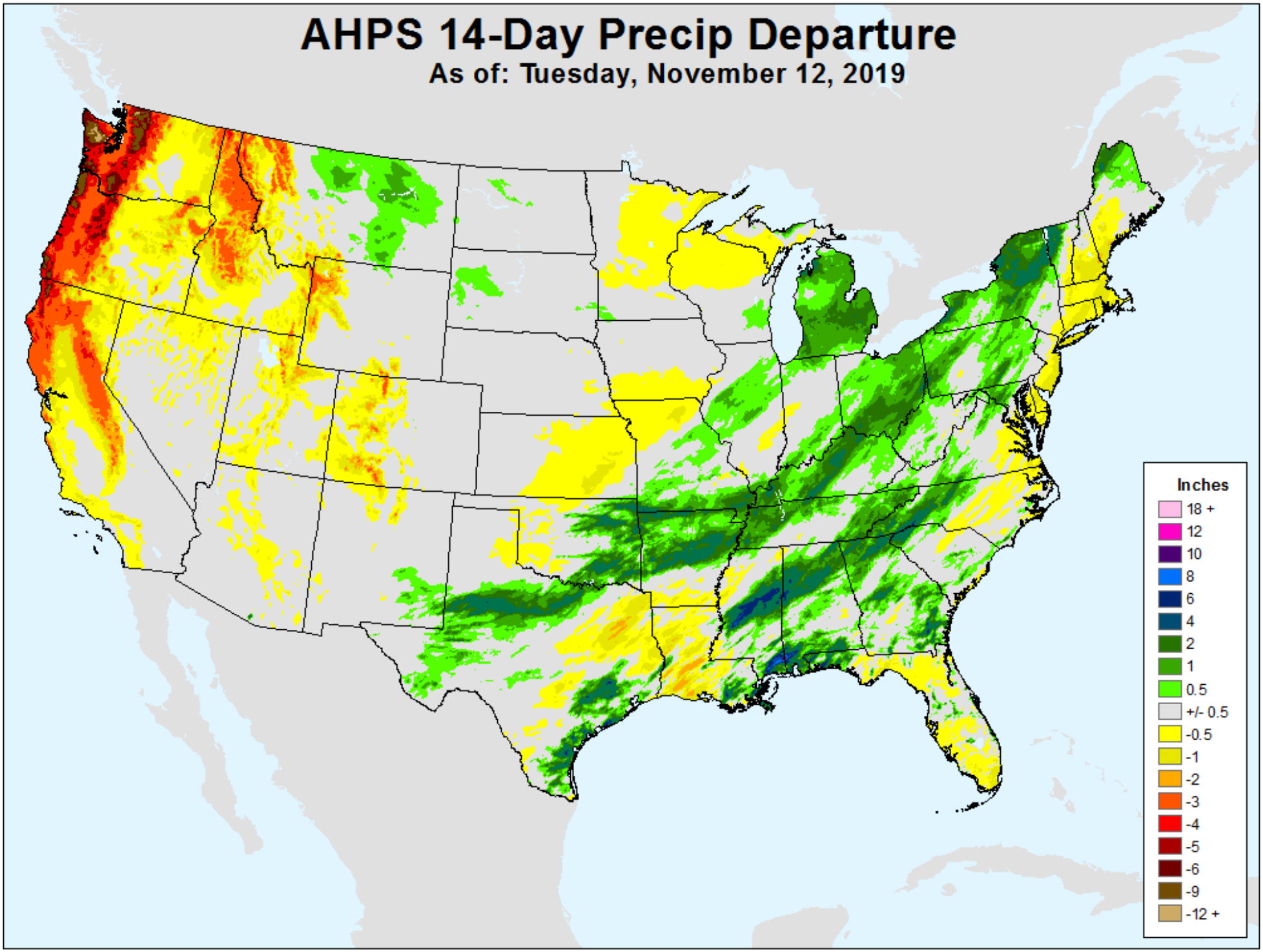
Inches

- 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. 5, 2019

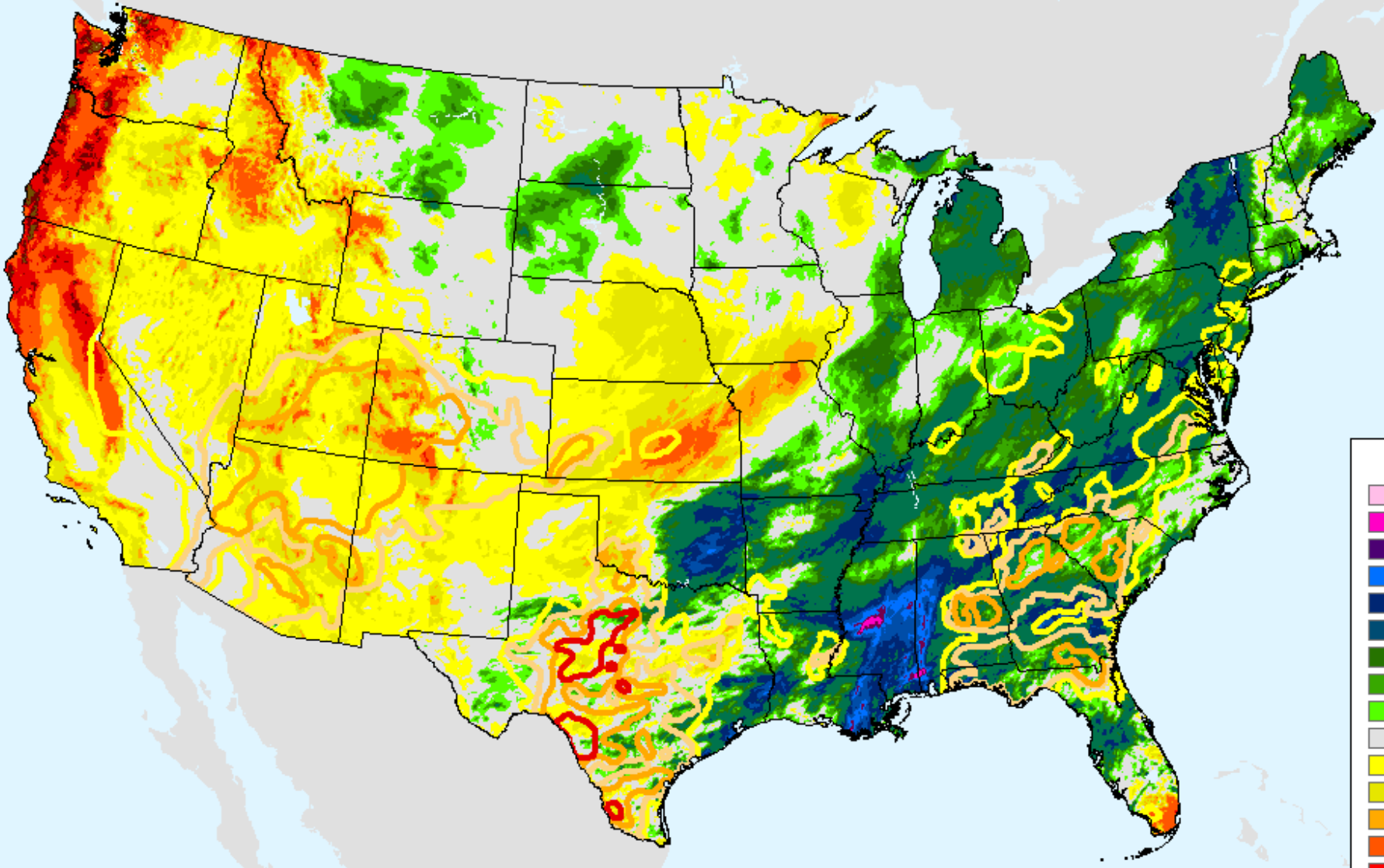
AHPS 14-Day Precip Departure

As of: Tuesday, November 12, 2019



AHPS 30-Day Precip Departure

As of: Tuesday, November 12, 2019

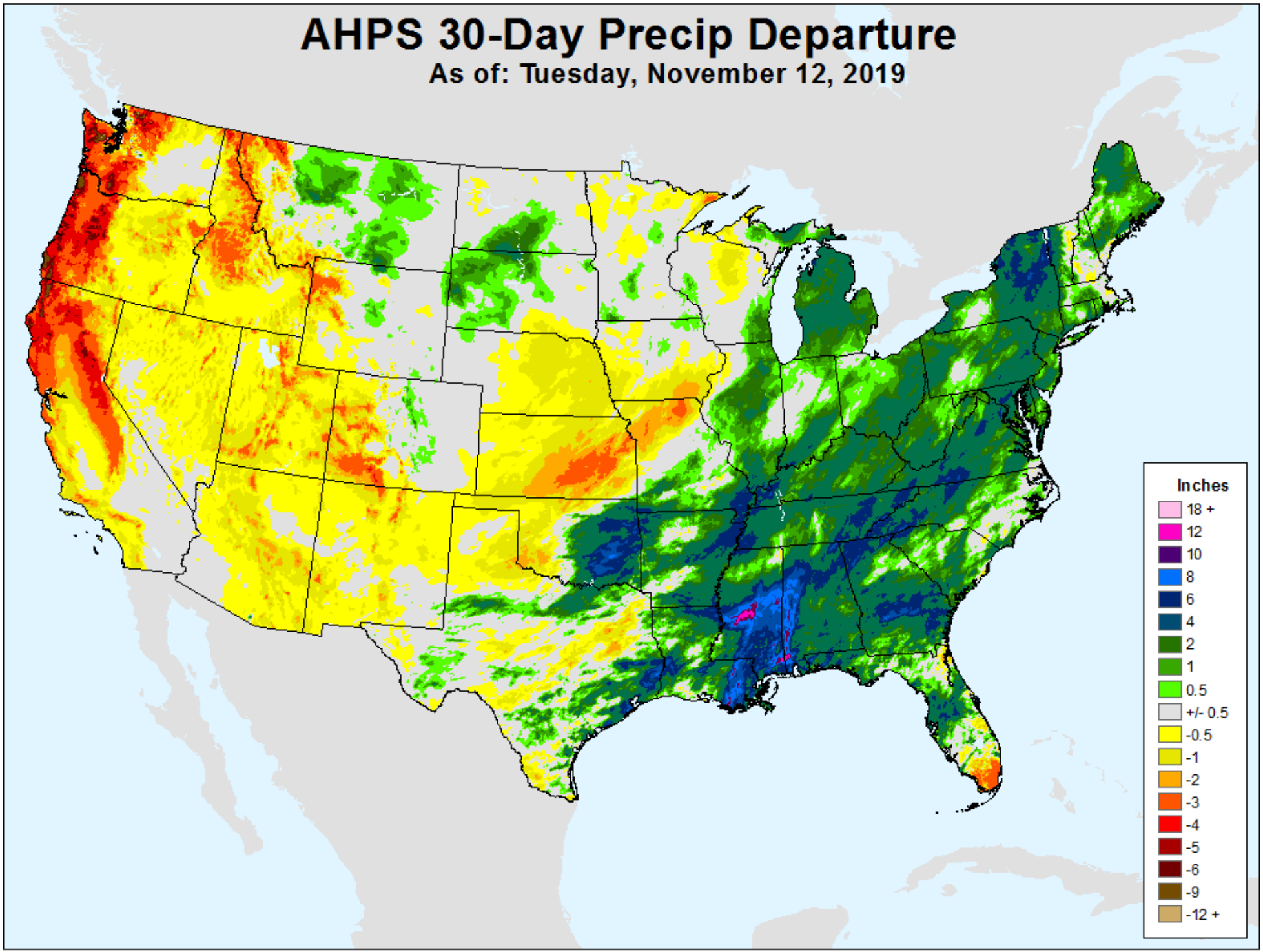


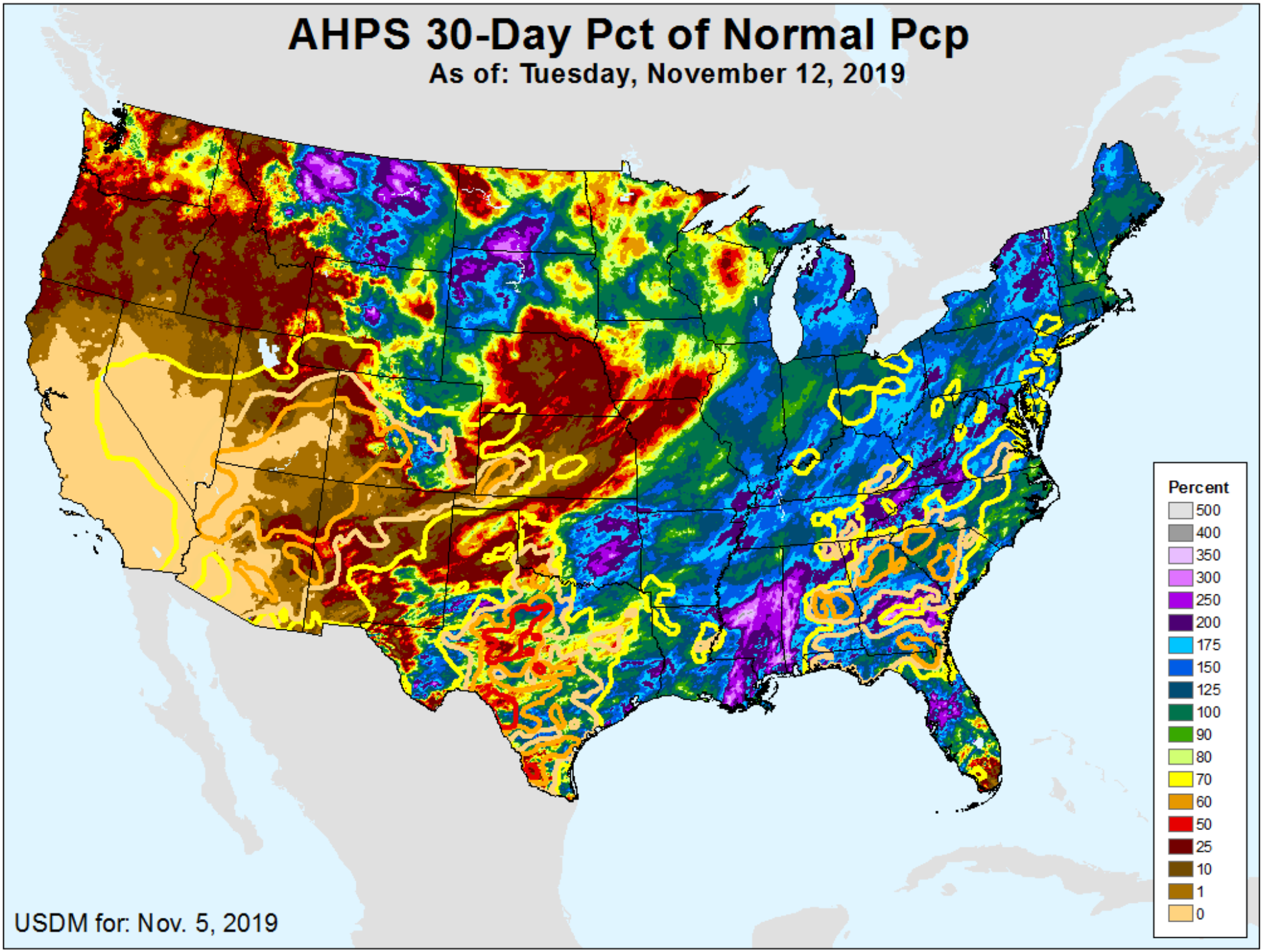
Inches
18 +
12
10
8
6
4
2
1
0.5
+/- 0.5
-0.5
-1
-2
-3
-4
-5
-6
-9
-12 +

USDM for: Nov. 5, 2019

AHPS 30-Day Precip Departure

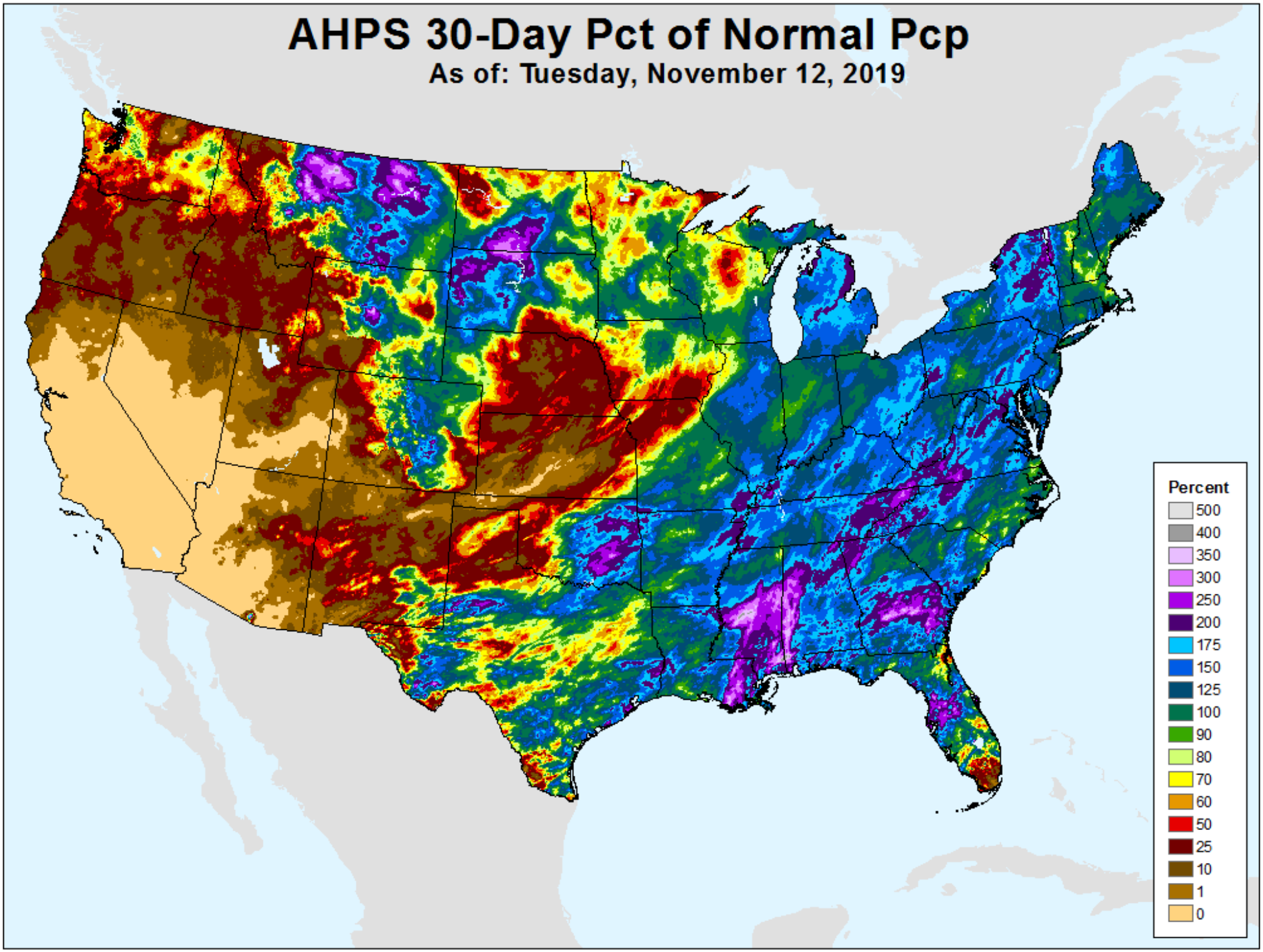
As of: Tuesday, November 12, 2019




AHPS 30-Day Pct of Normal Pcp
As of: Tuesday, November 12, 2019
Percent
500
400
350
300
250
200
175
150
125
100
90
80
70
60
50
25
10
1
0
USDM for: Nov. 5, 2019

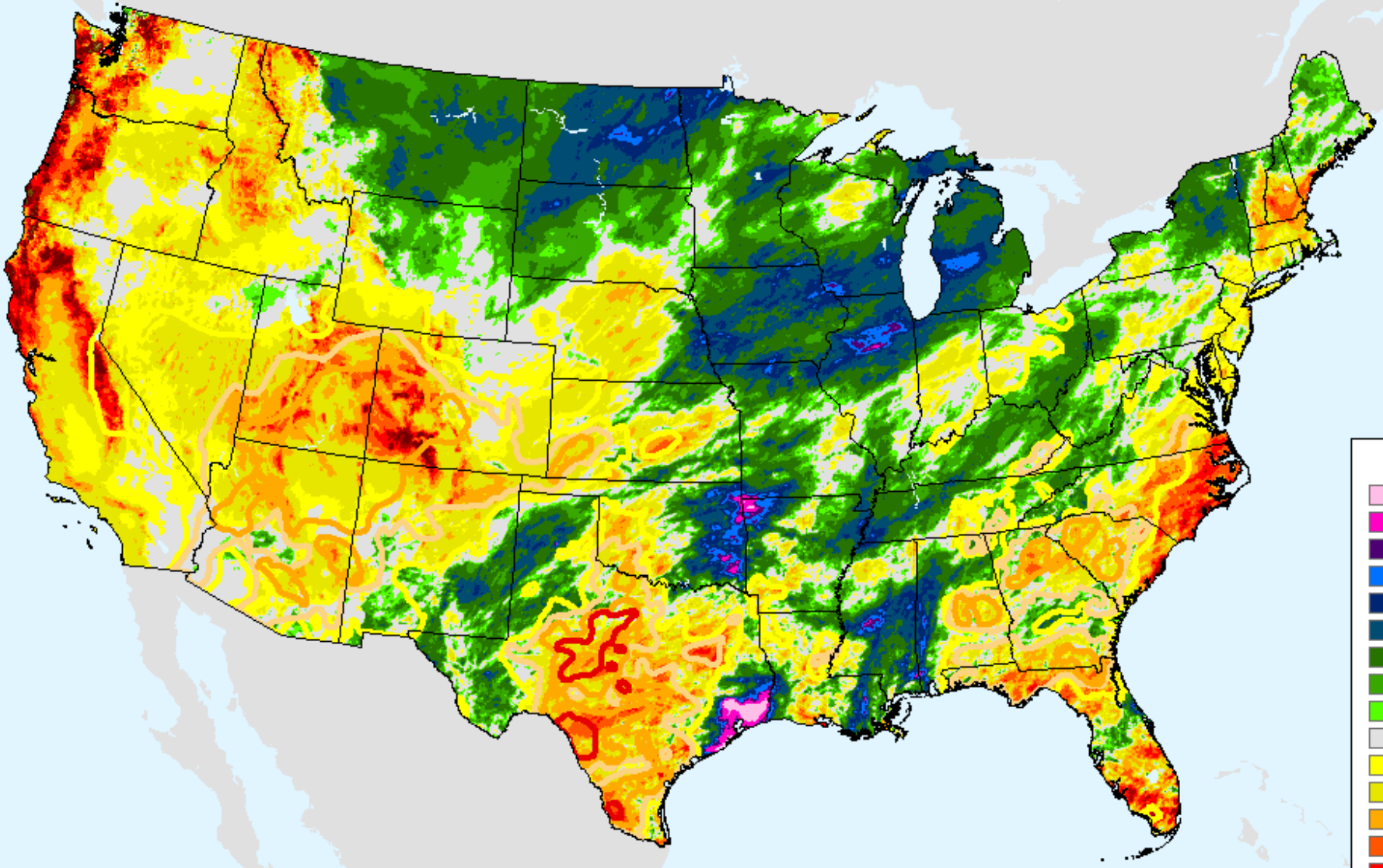
AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, November 12, 2019



AHPS 60-Day Precip Departure

As of: Tuesday, November 12, 2019



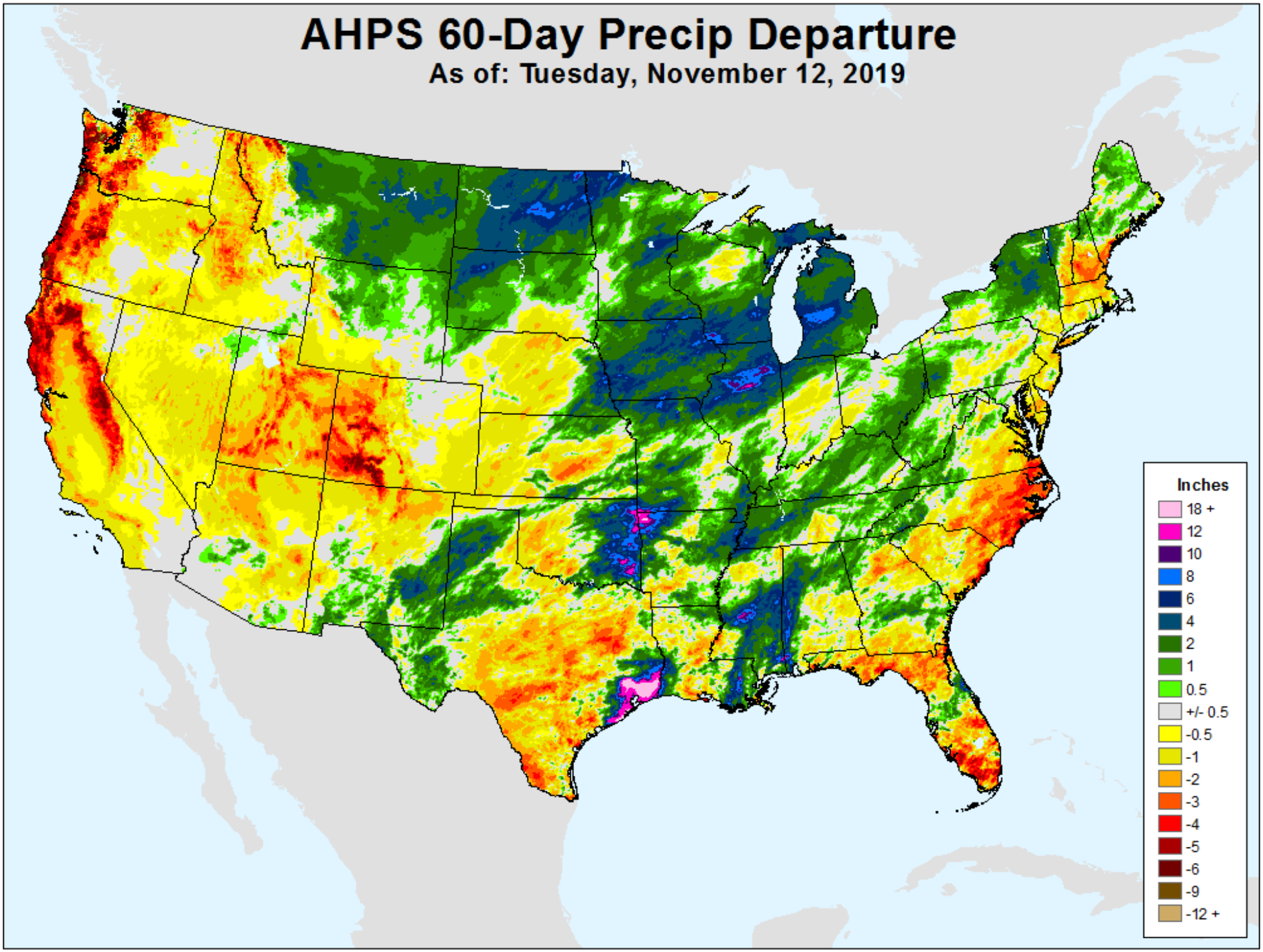
Inches

- 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. 5, 2019

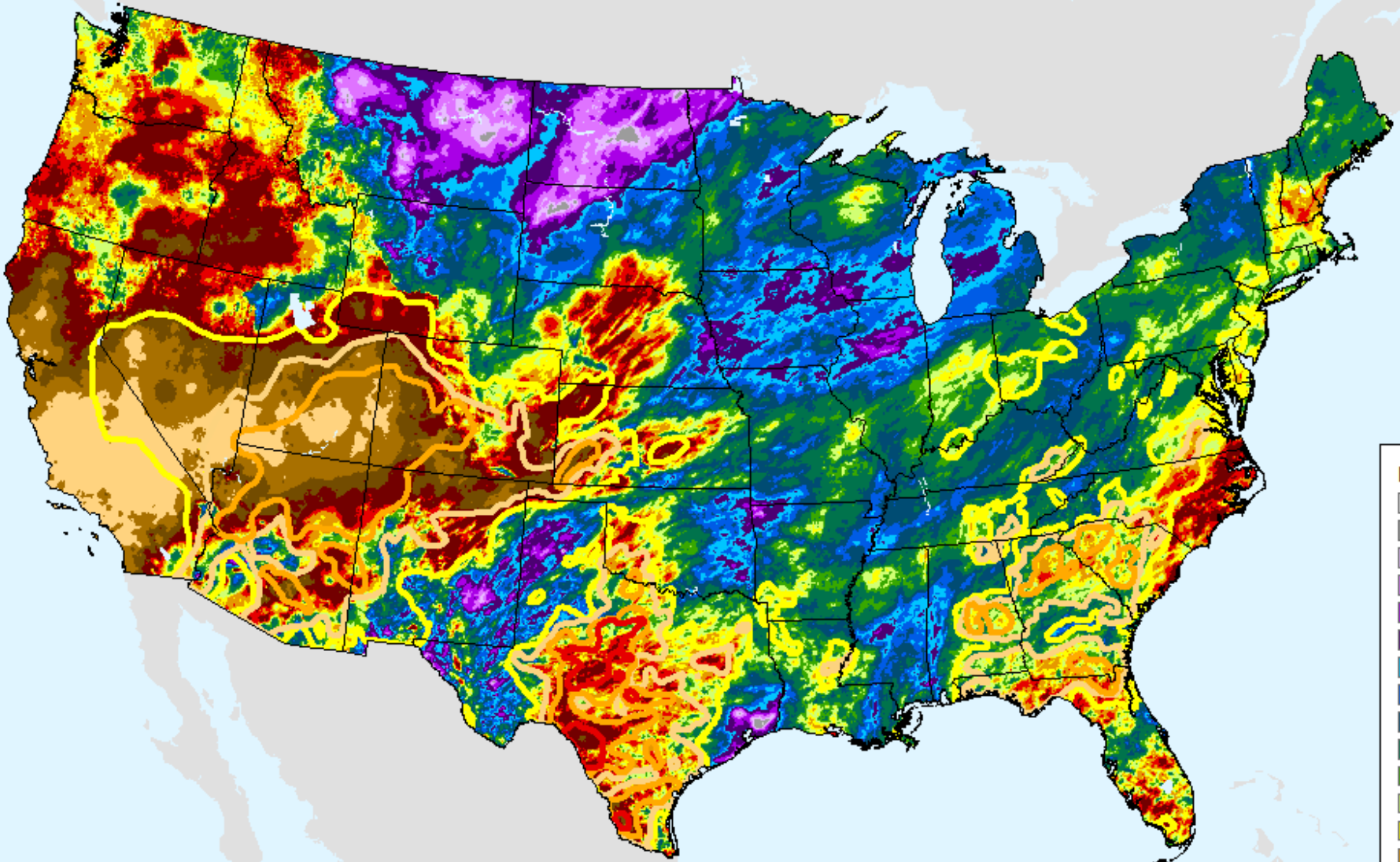
AHPS 60-Day Precip Departure

As of: Tuesday, November 12, 2019



AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, November 12, 2019

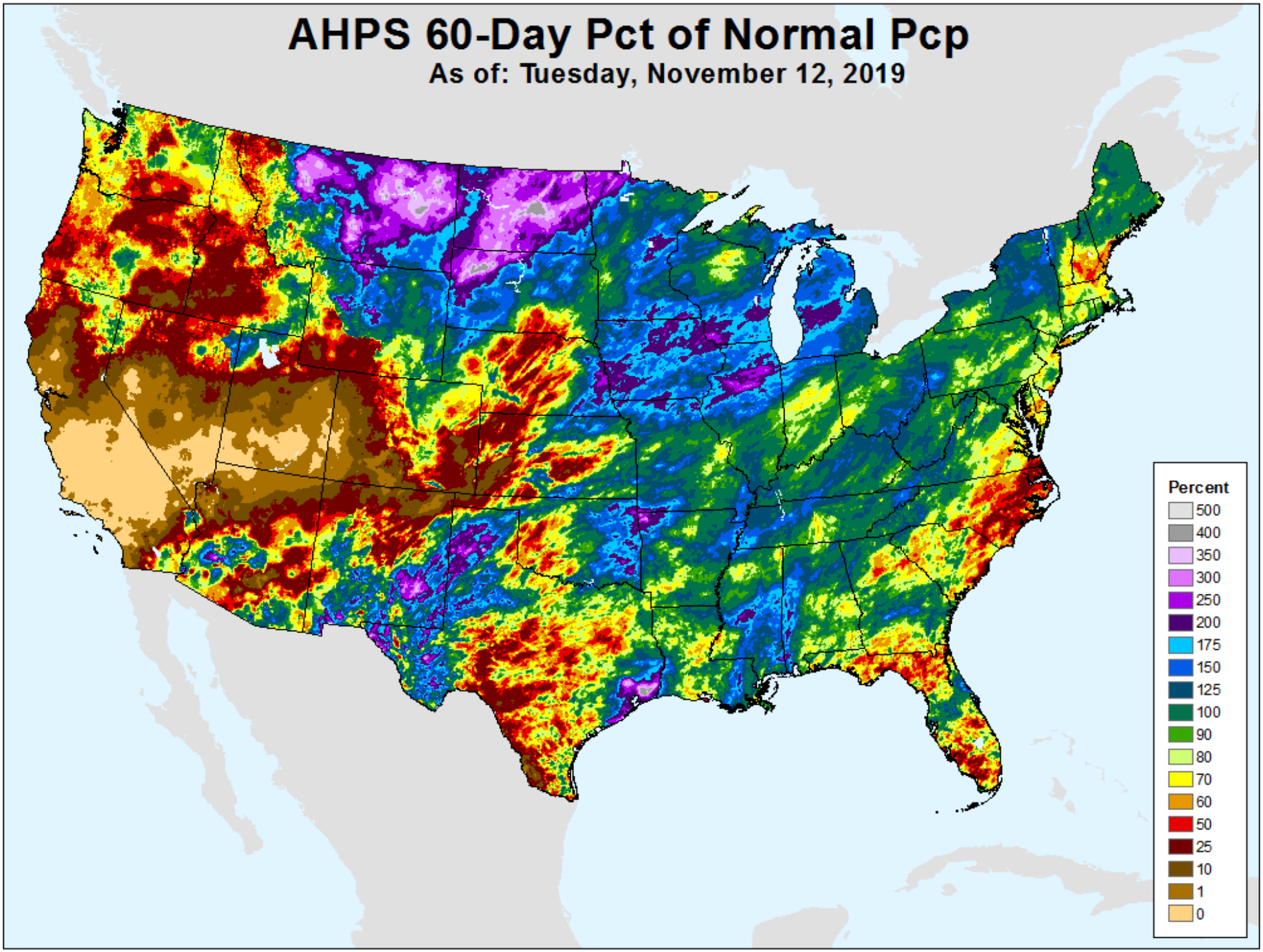


Percent
500
400
350
300
250
200
175
150
125
100
90
80
70
60
50
25
10
1
0

USDM for: Nov. 5, 2019

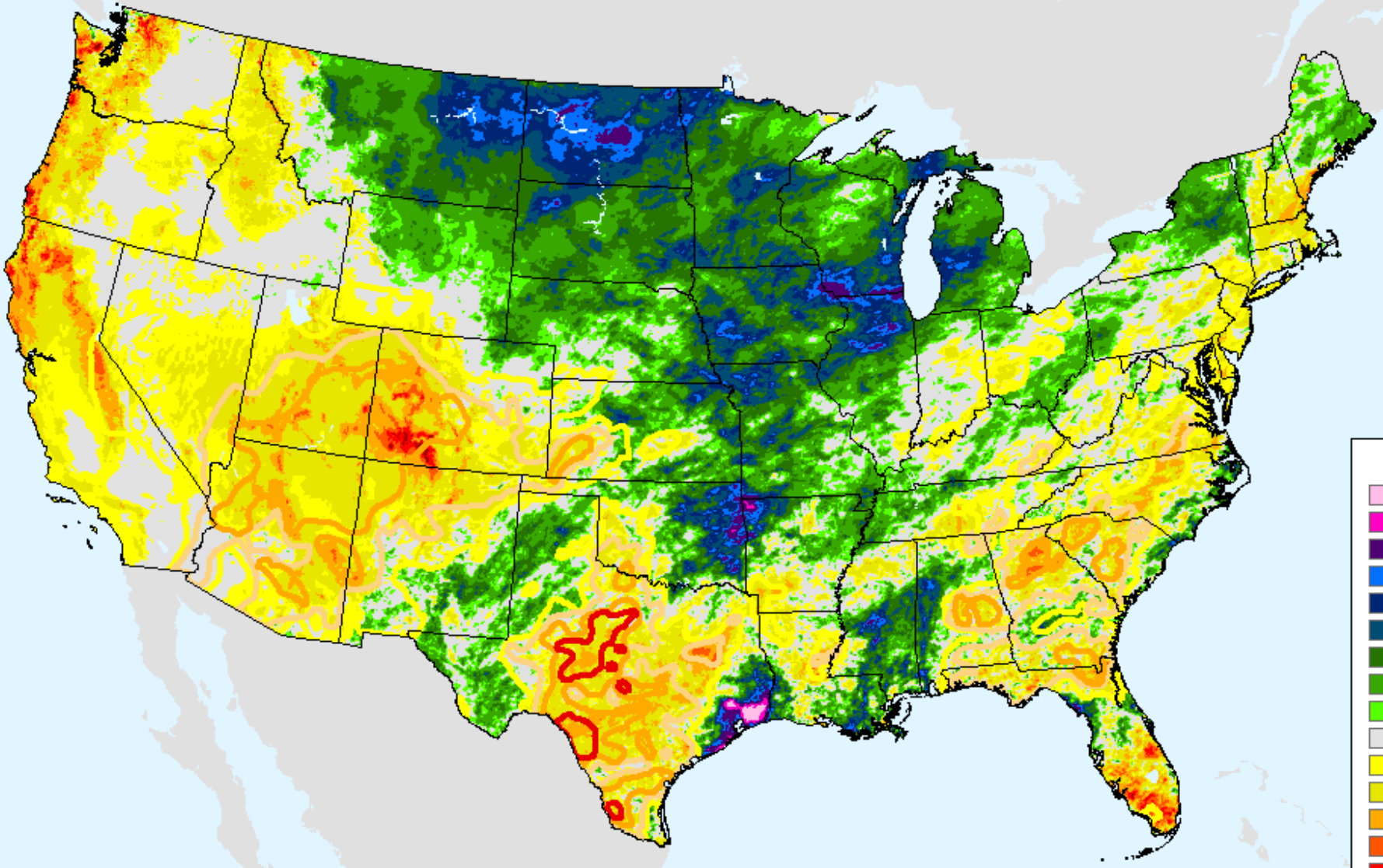
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, November 12, 2019



AHPS 90-Day Precip Departure

As of: Tuesday, November 12, 2019



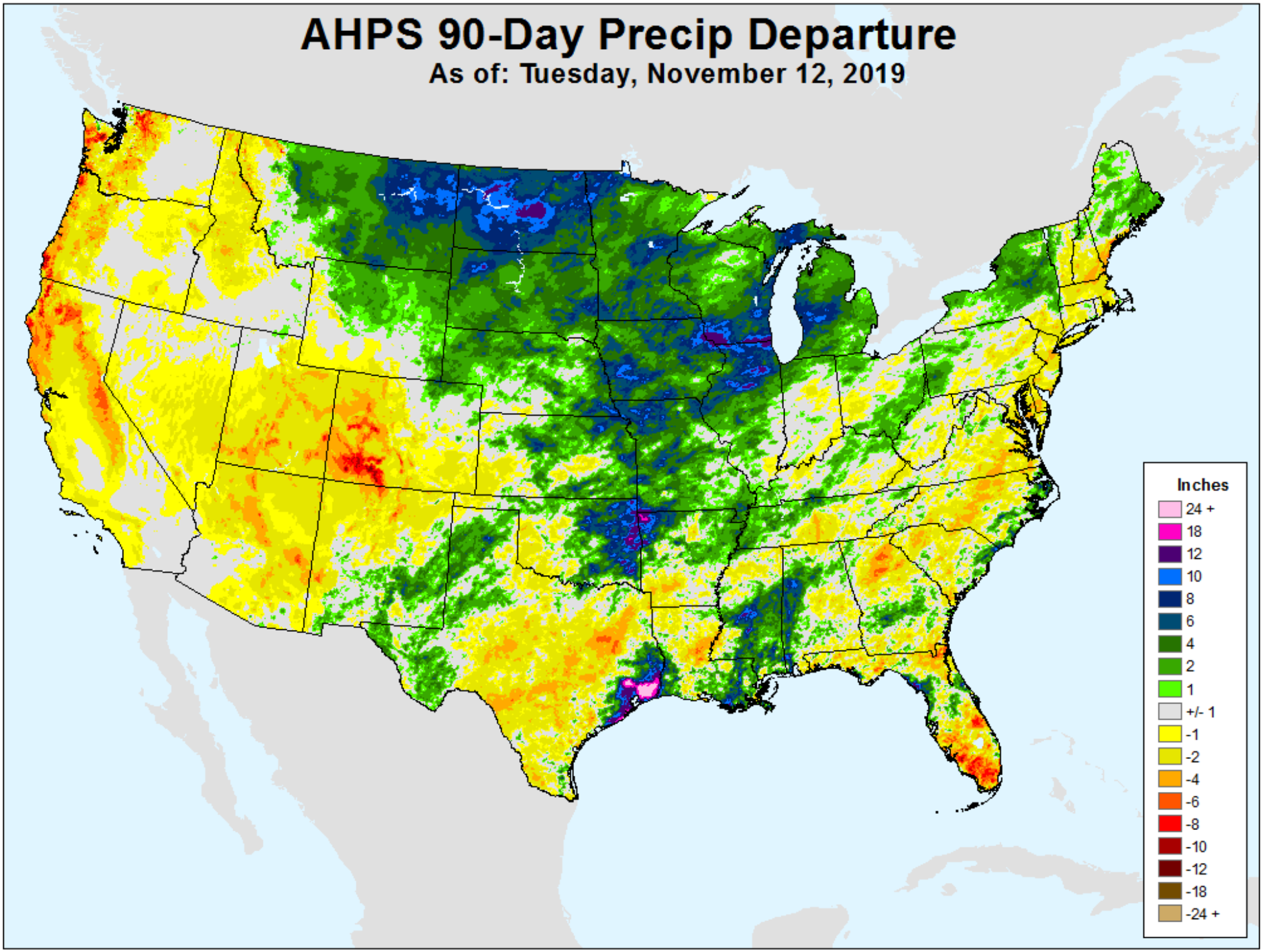
Inches

- 24 +
- 18
- 12
- 10
- 8
- 6
- 4
- 2
- 1
- +/- 1
- -1
- -2
- -4
- -6
- -8
- -10
- -12
- -18
- -24 +

USDM for: Nov. 5, 2019

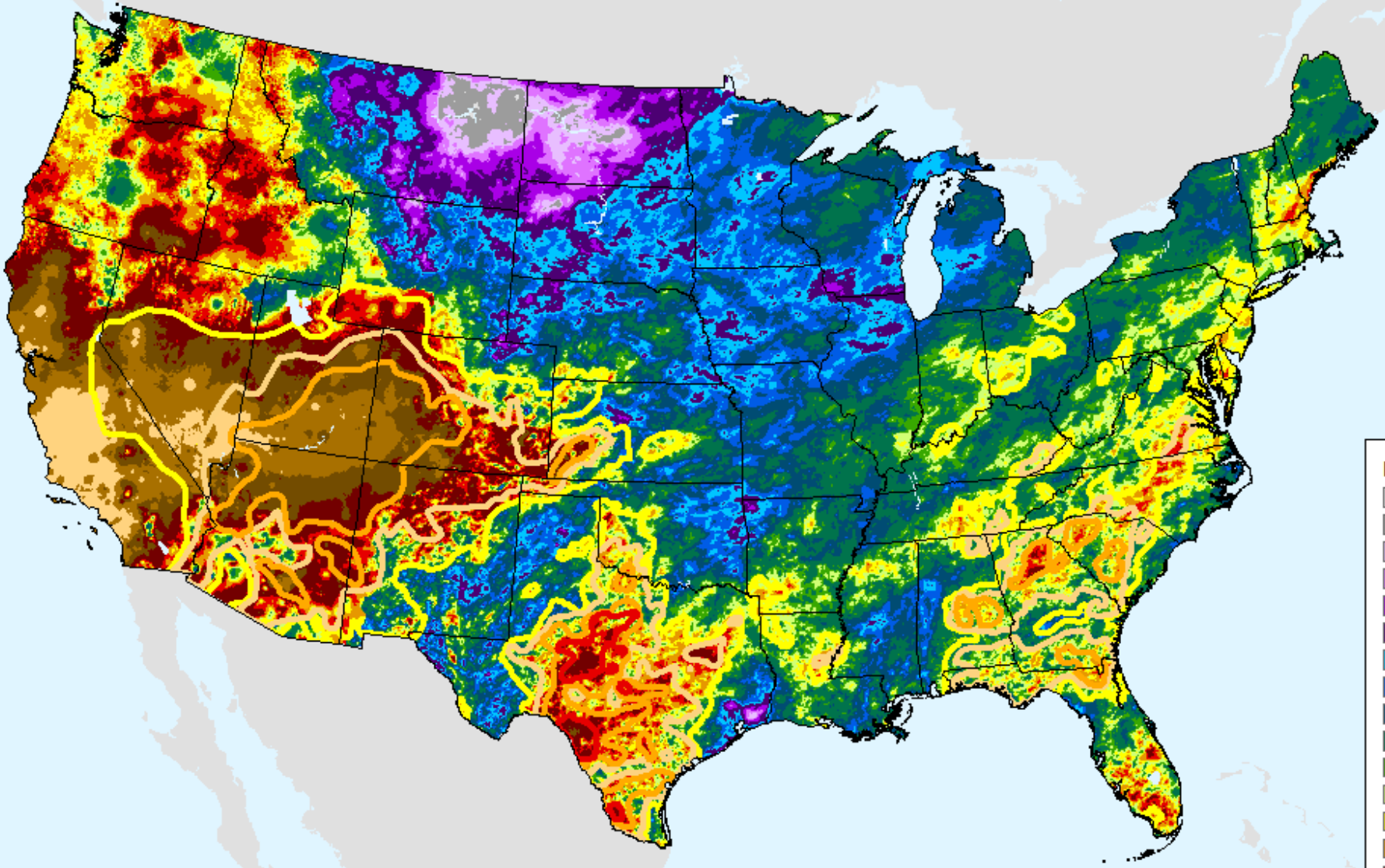
AHPS 90-Day Precip Departure

As of: Tuesday, November 12, 2019



AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, November 12, 2019

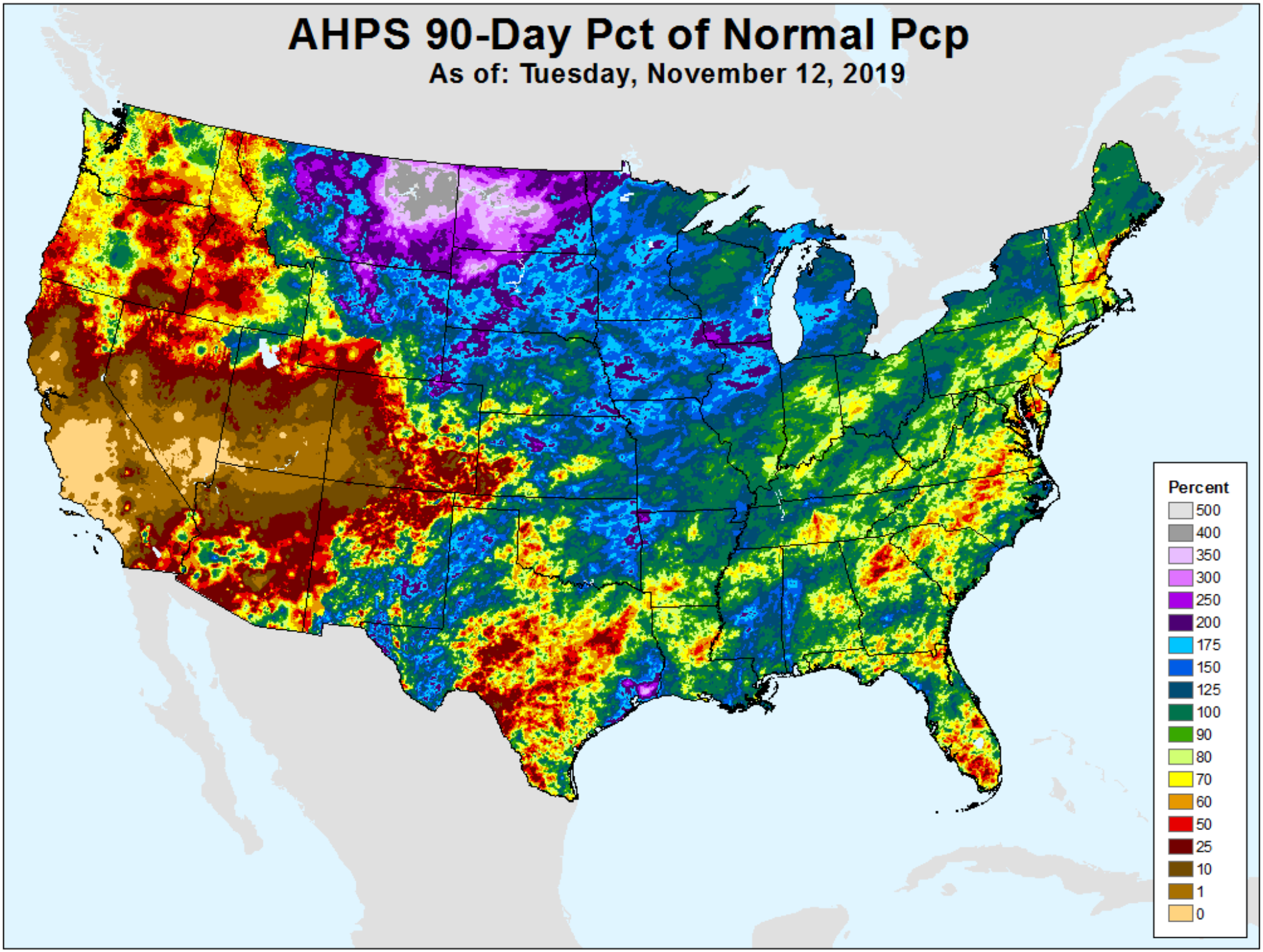


Percent
500
400
350
300
250
200
175
150
125
100
90
80
70
60
50
25
10
1
0

USDM for: Nov. 5, 2019

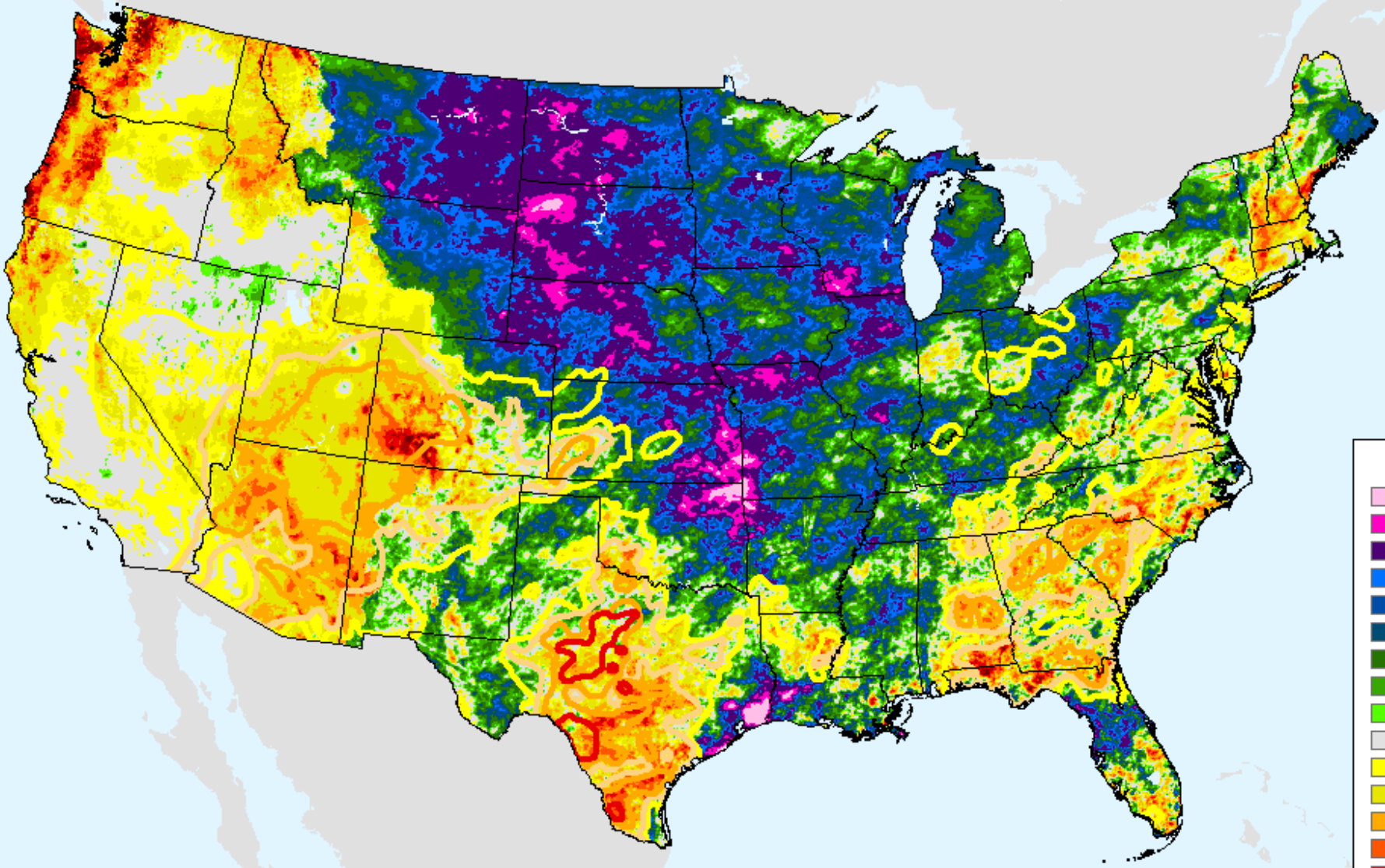
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, November 12, 2019



AHPS 180-Day Precip Departure

As of: Tuesday, November 12, 2019



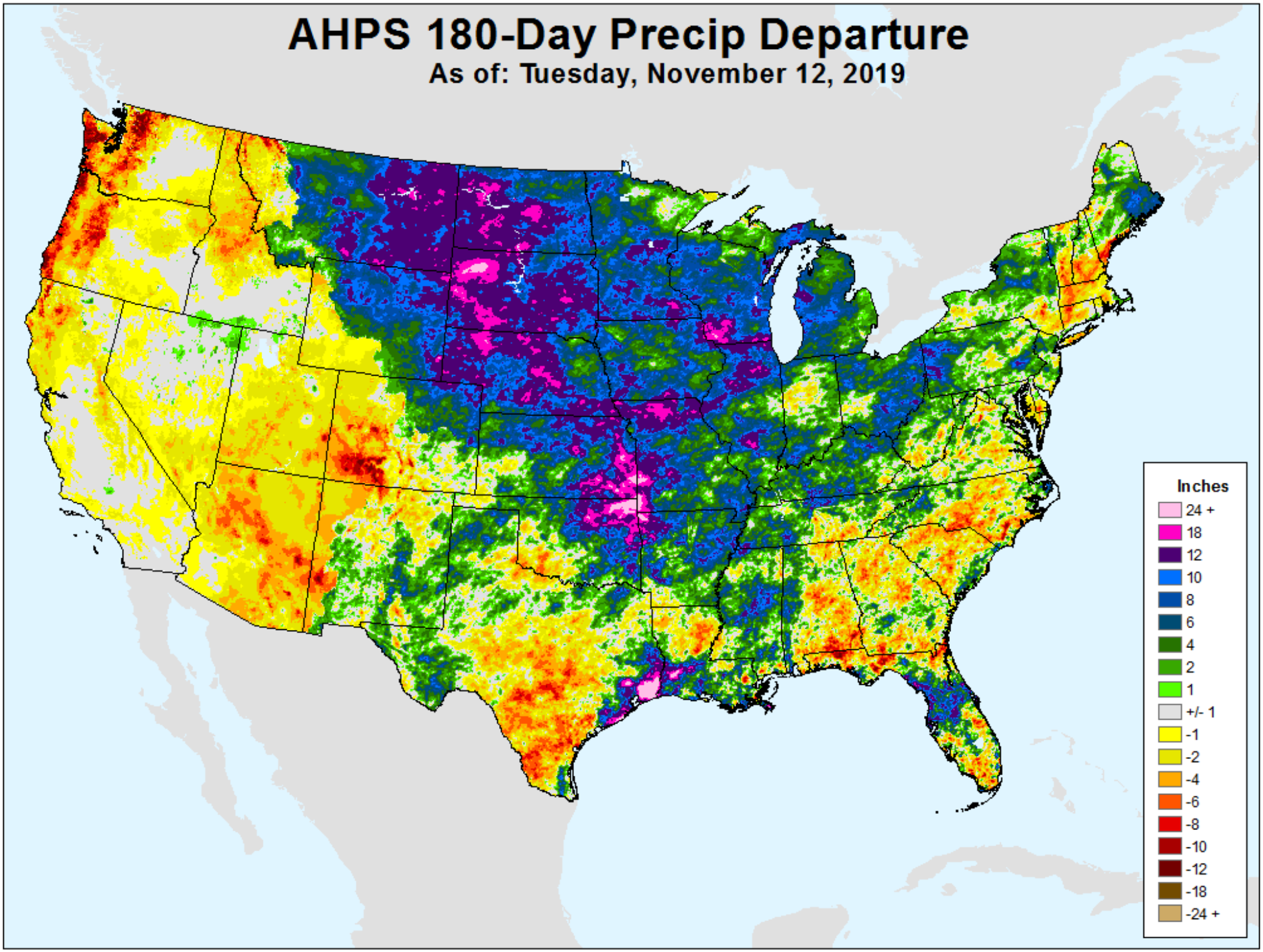
Inches

- 24 +
- 18
- 12
- 10
- 8
- 6
- 4
- 2
- 1
- +/- 1
- -1
- -2
- -4
- -6
- -8
- -10
- -12
- -18
- -24 +

USDM for: Nov. 5, 2019

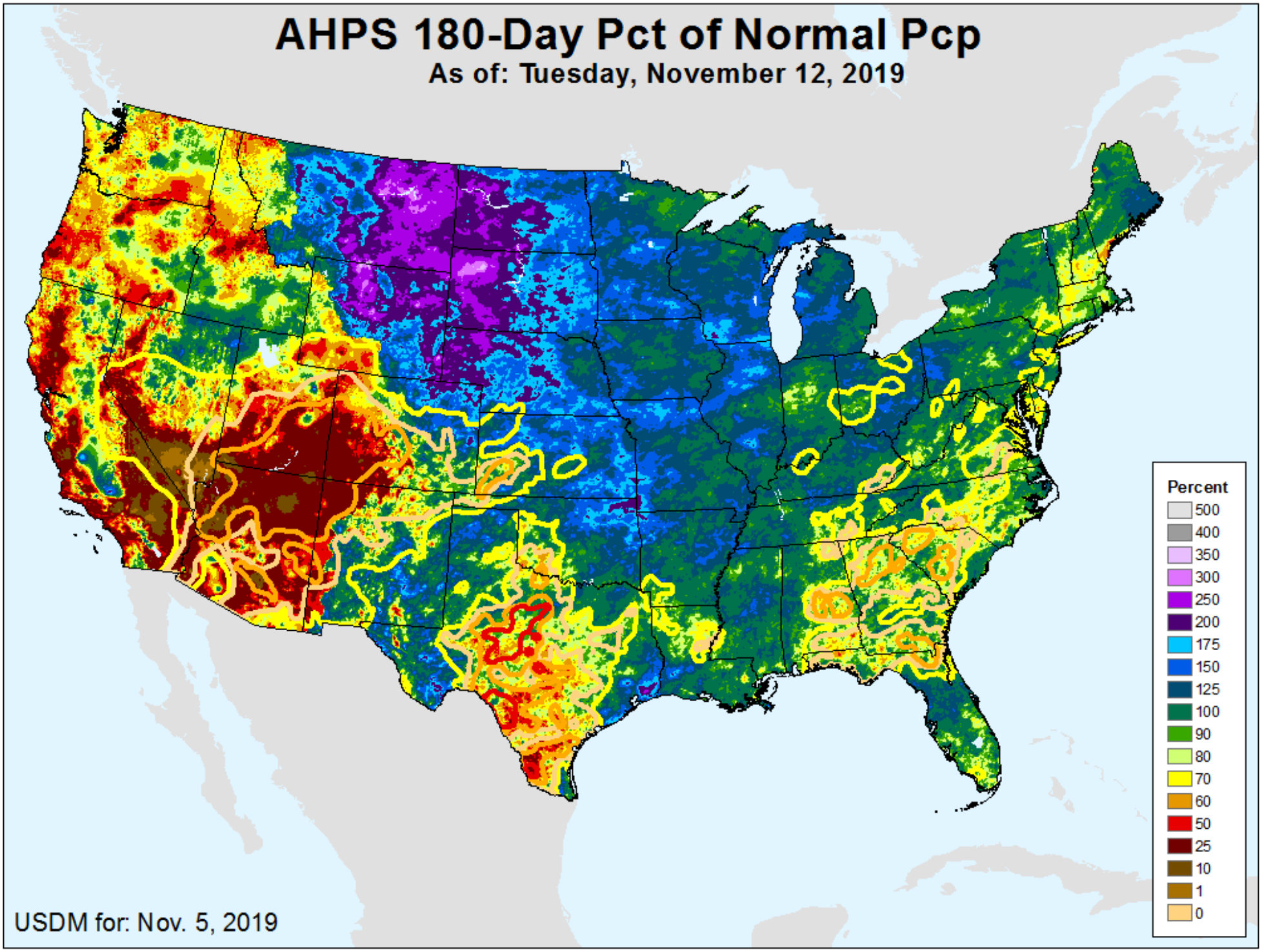
AHPS 180-Day Precip Departure

As of: Tuesday, November 12, 2019



AHPS 180-Day Pct of Normal Pcp

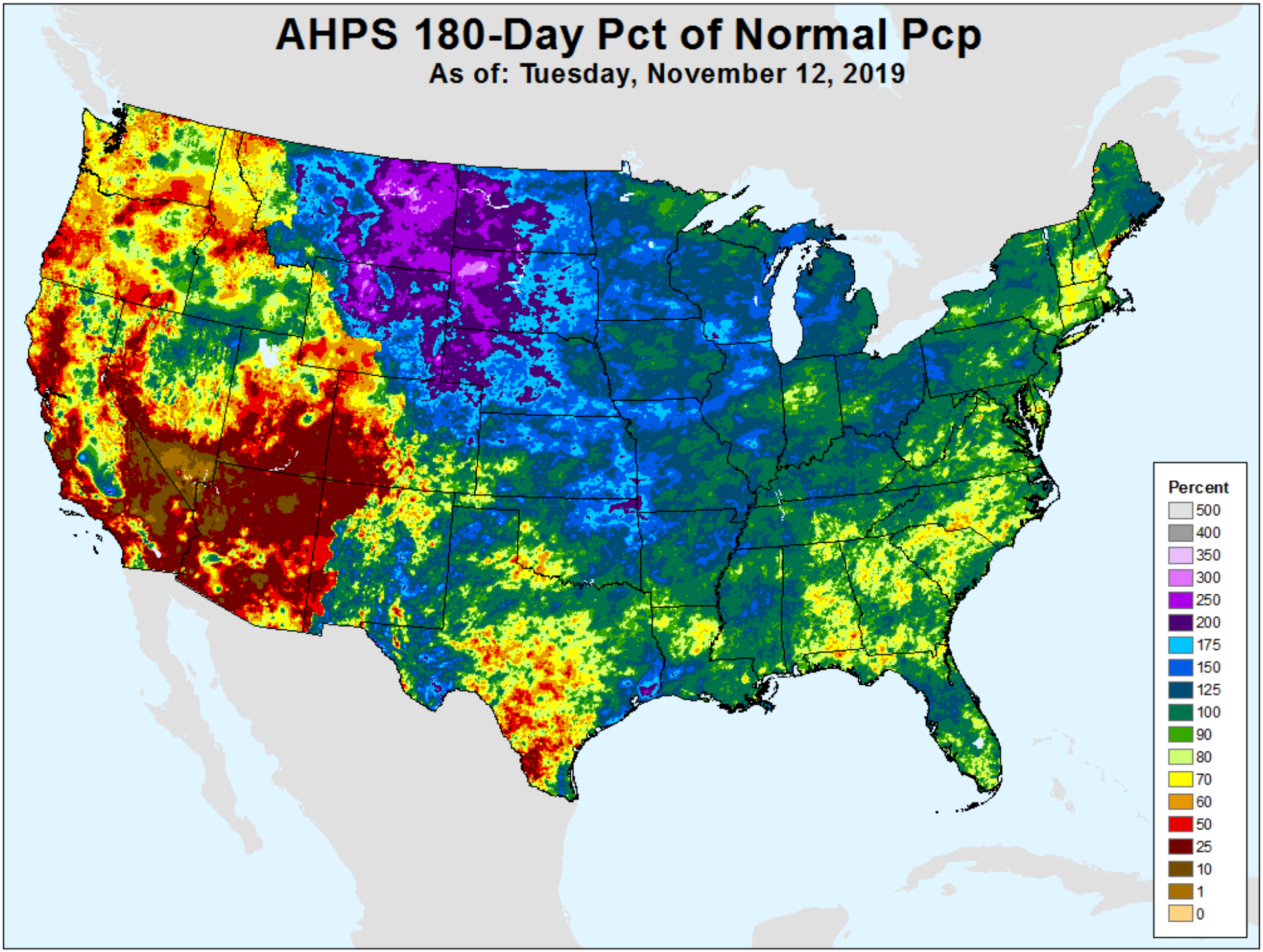
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

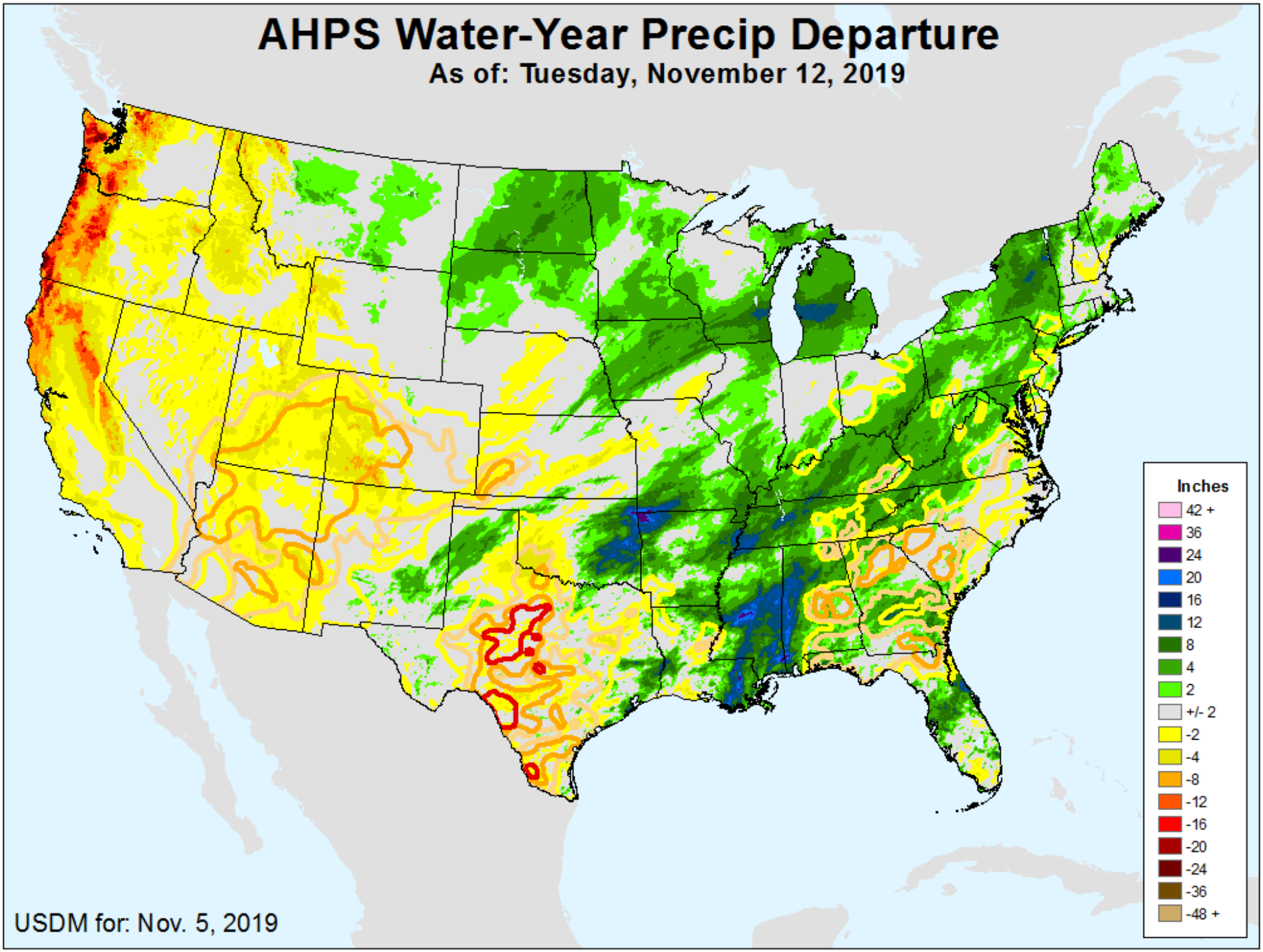
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, November 12, 2019



AHPS Water-Year Precip Departure

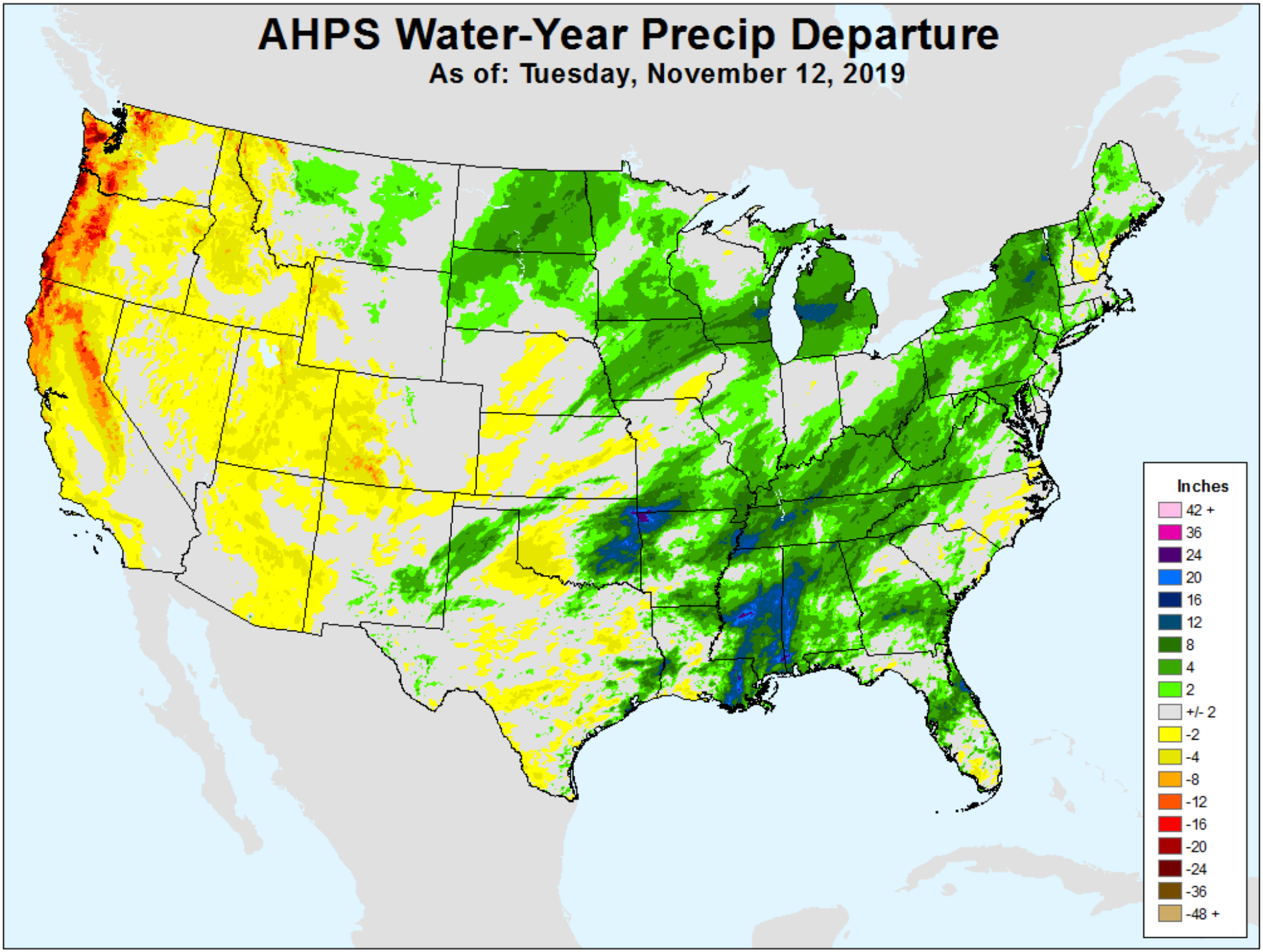
As of: Tuesday, November 12, 2019

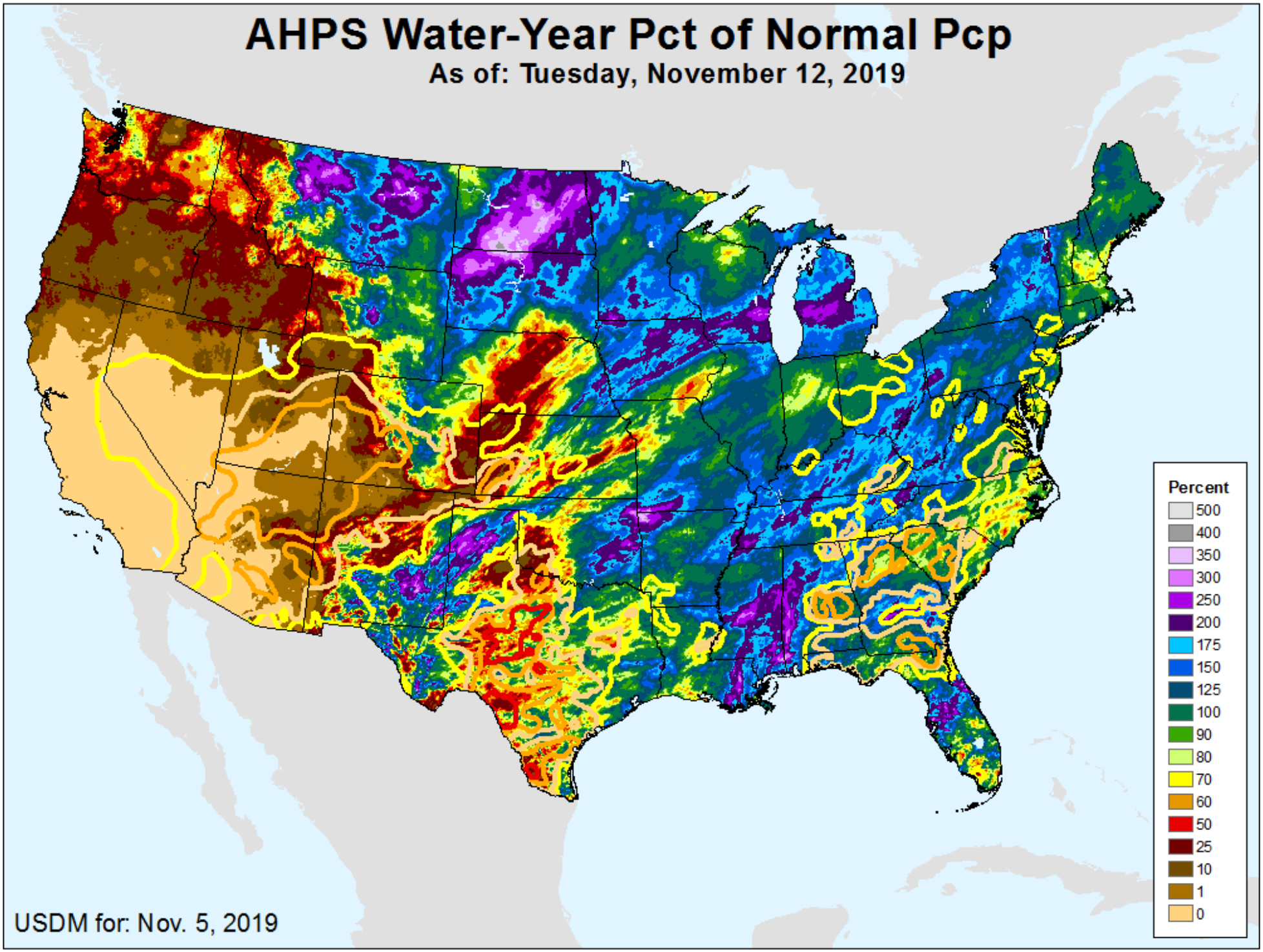


USDM for: Nov. 5, 2019

AHPS Water-Year Precip Departure

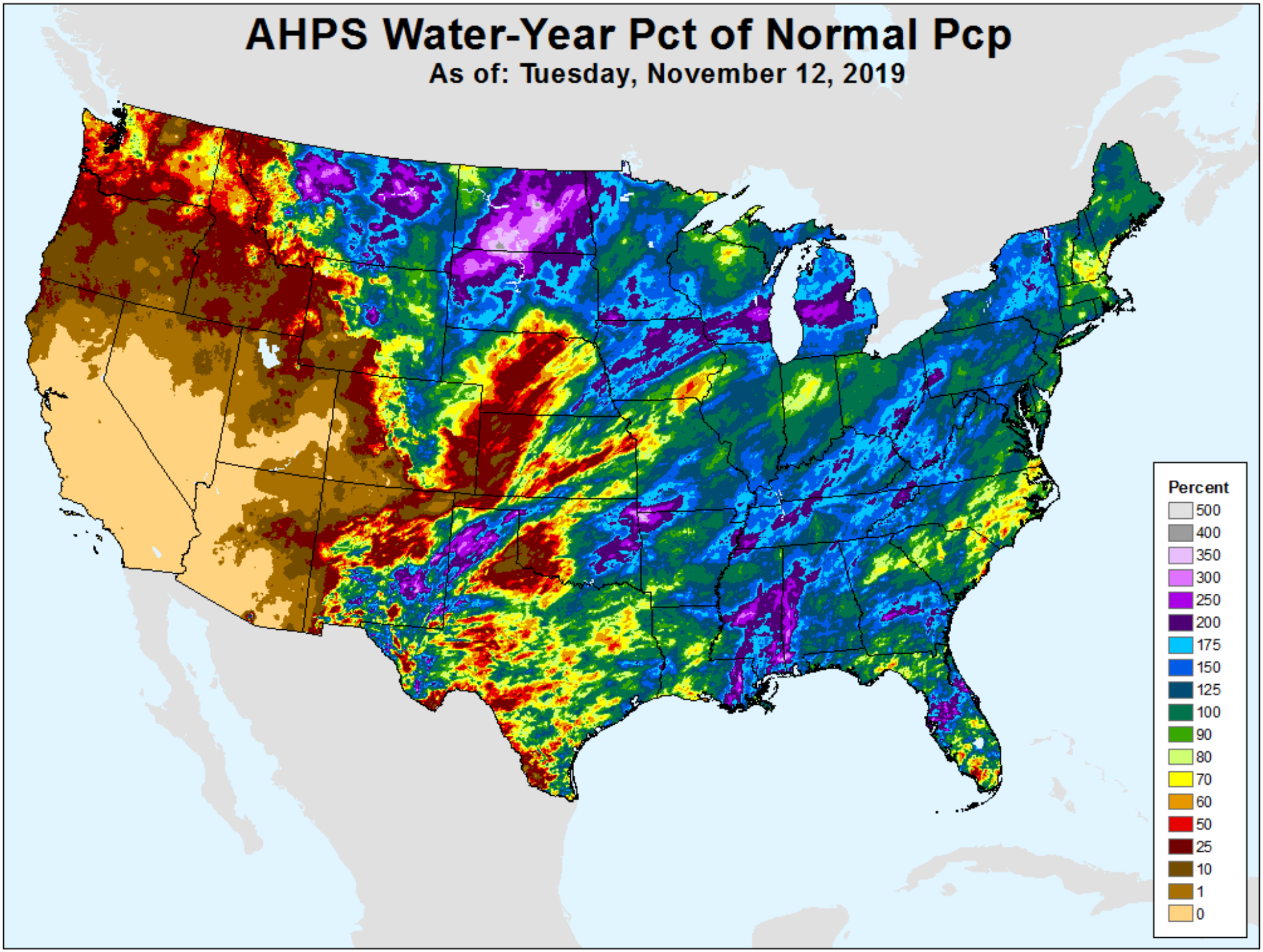
As of: Tuesday, November 12, 2019

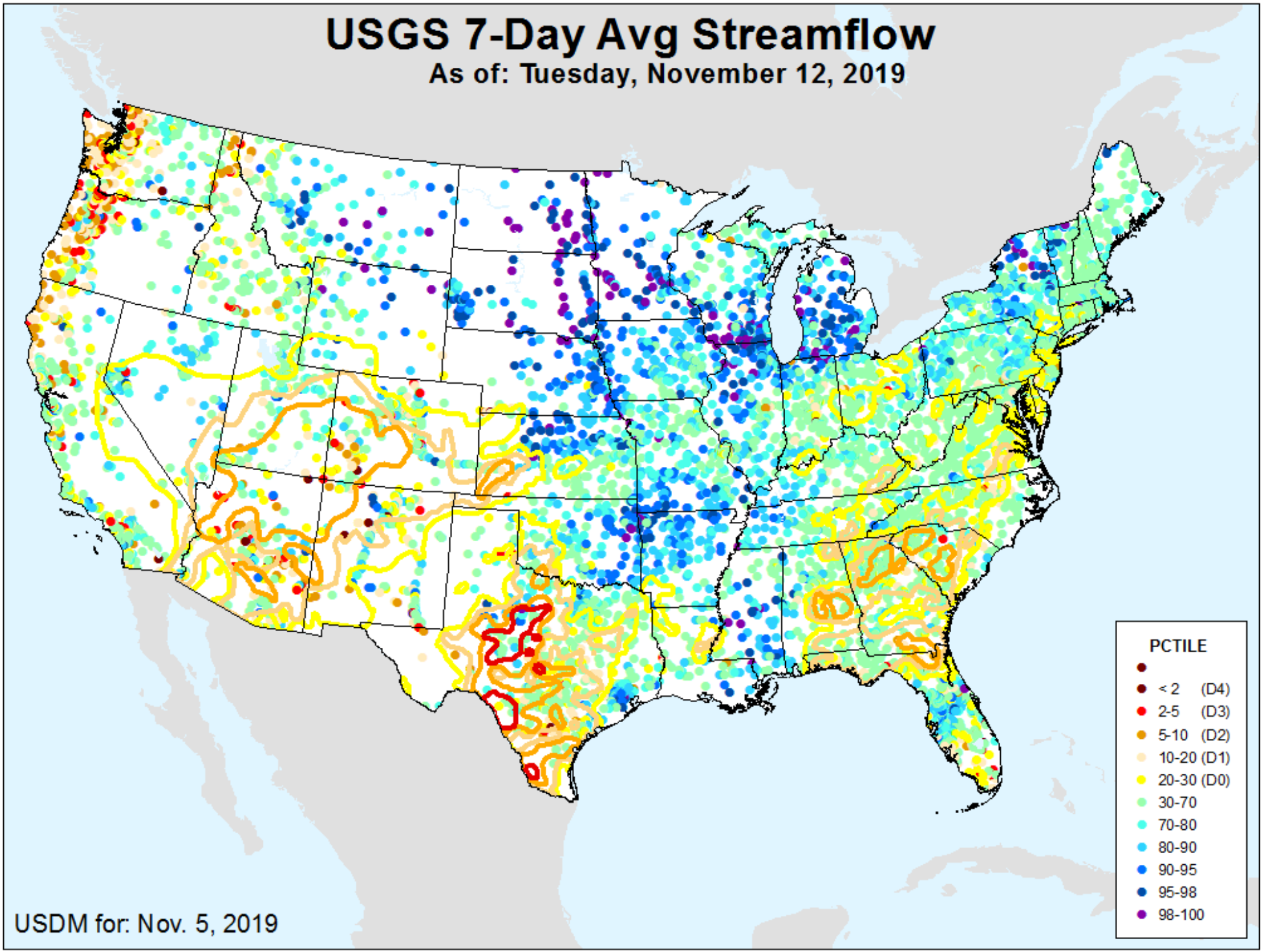



AHPS Water-Year Pct of Normal Pcp
As of: Tuesday, November 12, 2019
Percent
500
400
350
300
250
200
175
150
125
100
90
80
70
60
50
25
10
1
0
USDM for: Nov. 5, 2019

AHPS Water-Year Pct of Normal Pcp

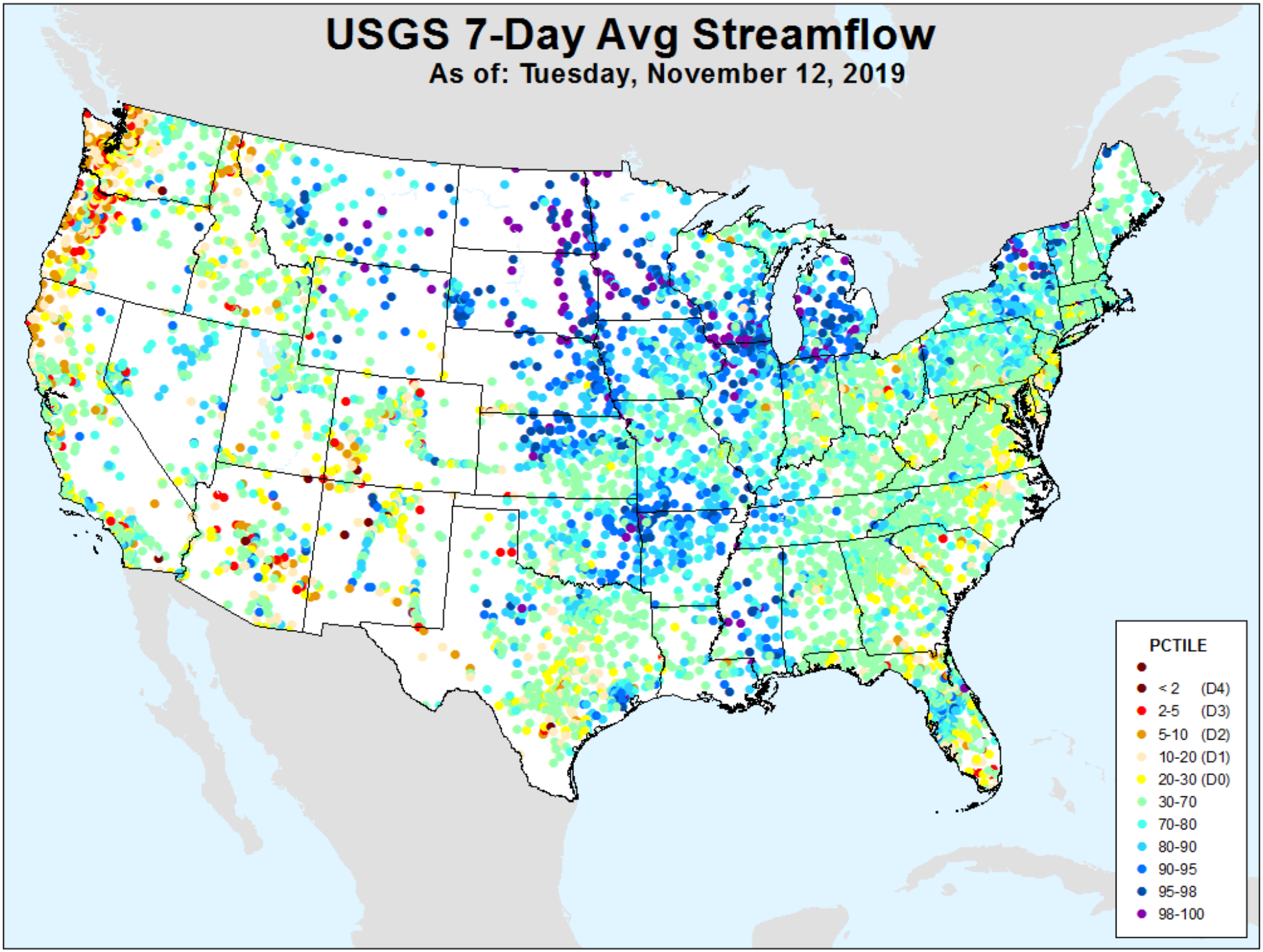
As of: Tuesday, November 12, 2019

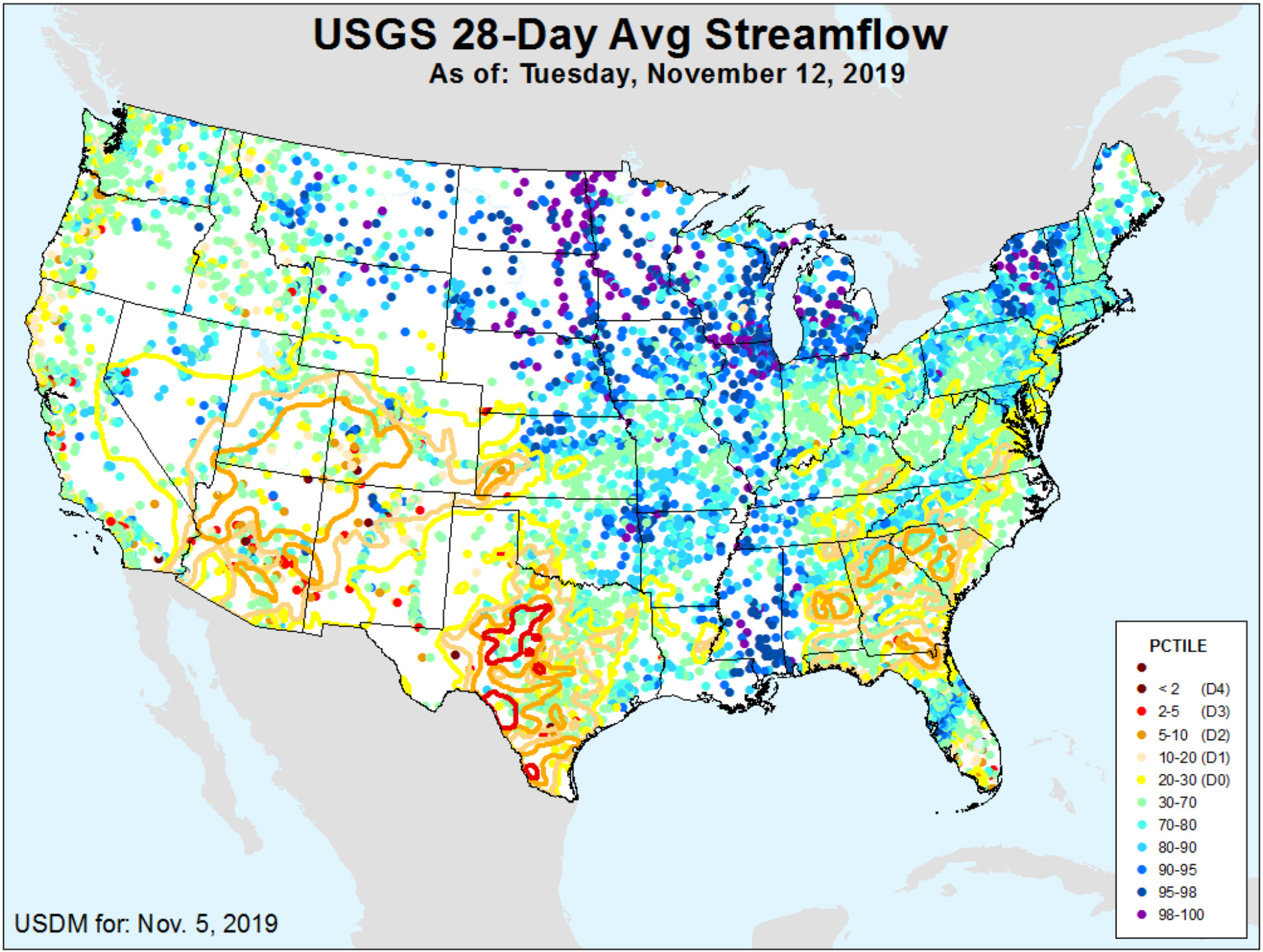



USGS 7-Day Avg Streamflow
As of: Tuesday, November 12, 2019
PCTILE
< 2 (D4)
2-5 (D3)
5-10 (D2)
10-20 (D1)
20-30 (D0)
30-70
70-80
80-90
90-95
95-98
98-100
USDM for: Nov. 5, 2019

USGS 7-Day Avg Streamflow

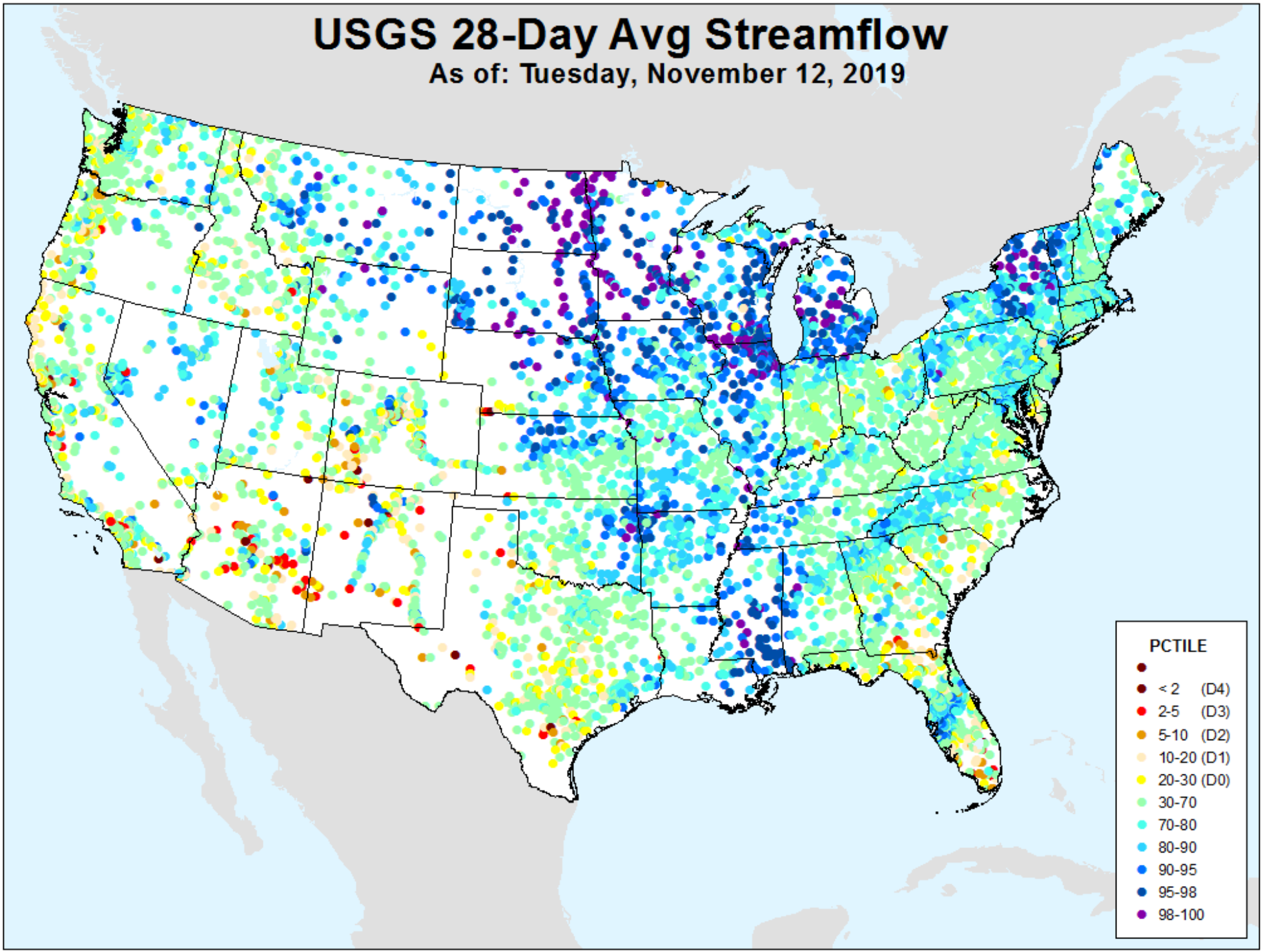
As of: Tuesday, November 12, 2019

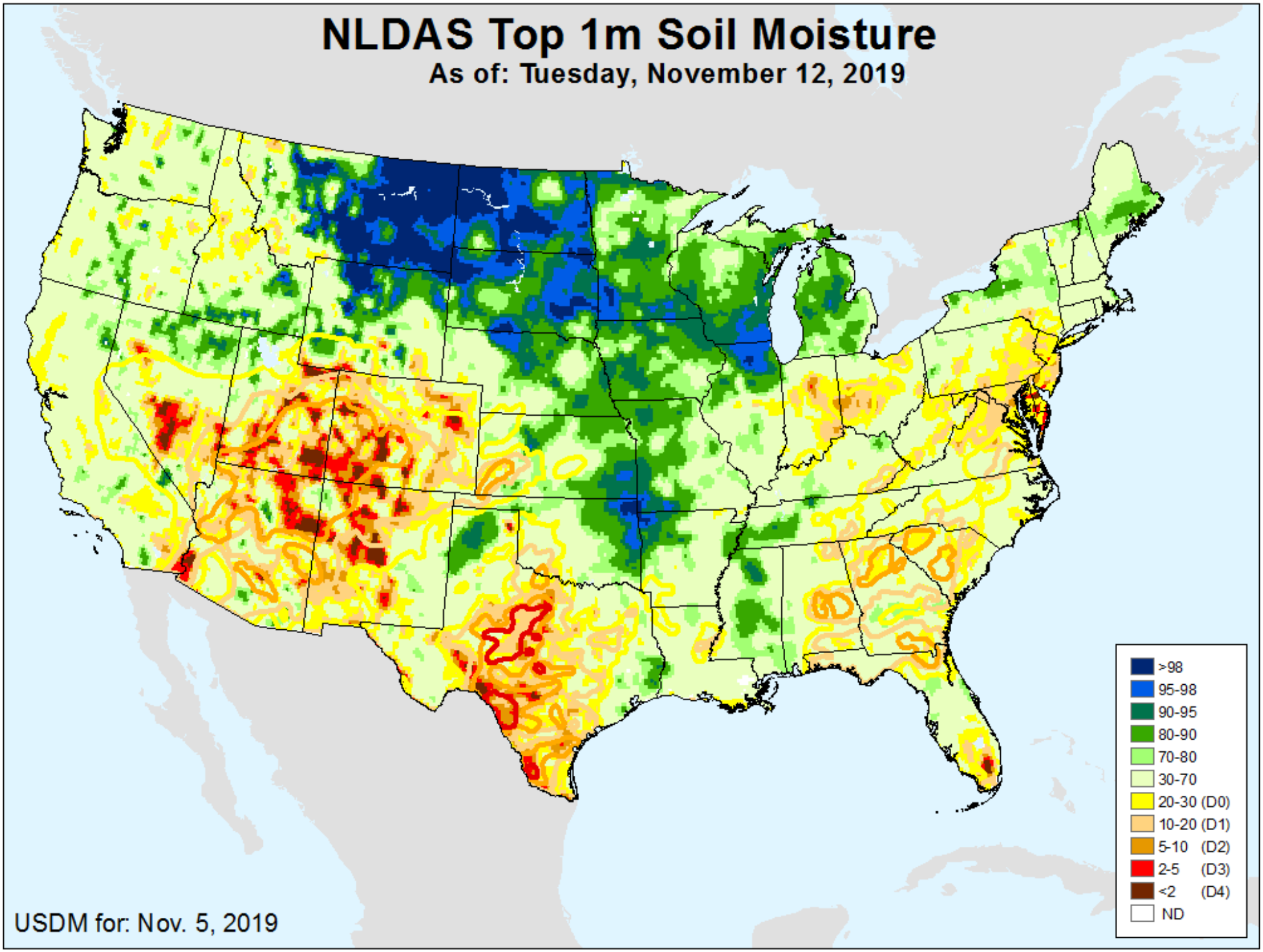



USGS 28-Day Avg Streamflow
As of: Tuesday, November 12, 2019
PCTILE
< 2 (D4)
2-5 (D3)
5-10 (D2)
10-20 (D1)
20-30 (D0)
30-70
70-80
80-90
90-95
95-98
98-100
USDM for: Nov. 5, 2019

USGS 28-Day Avg Streamflow

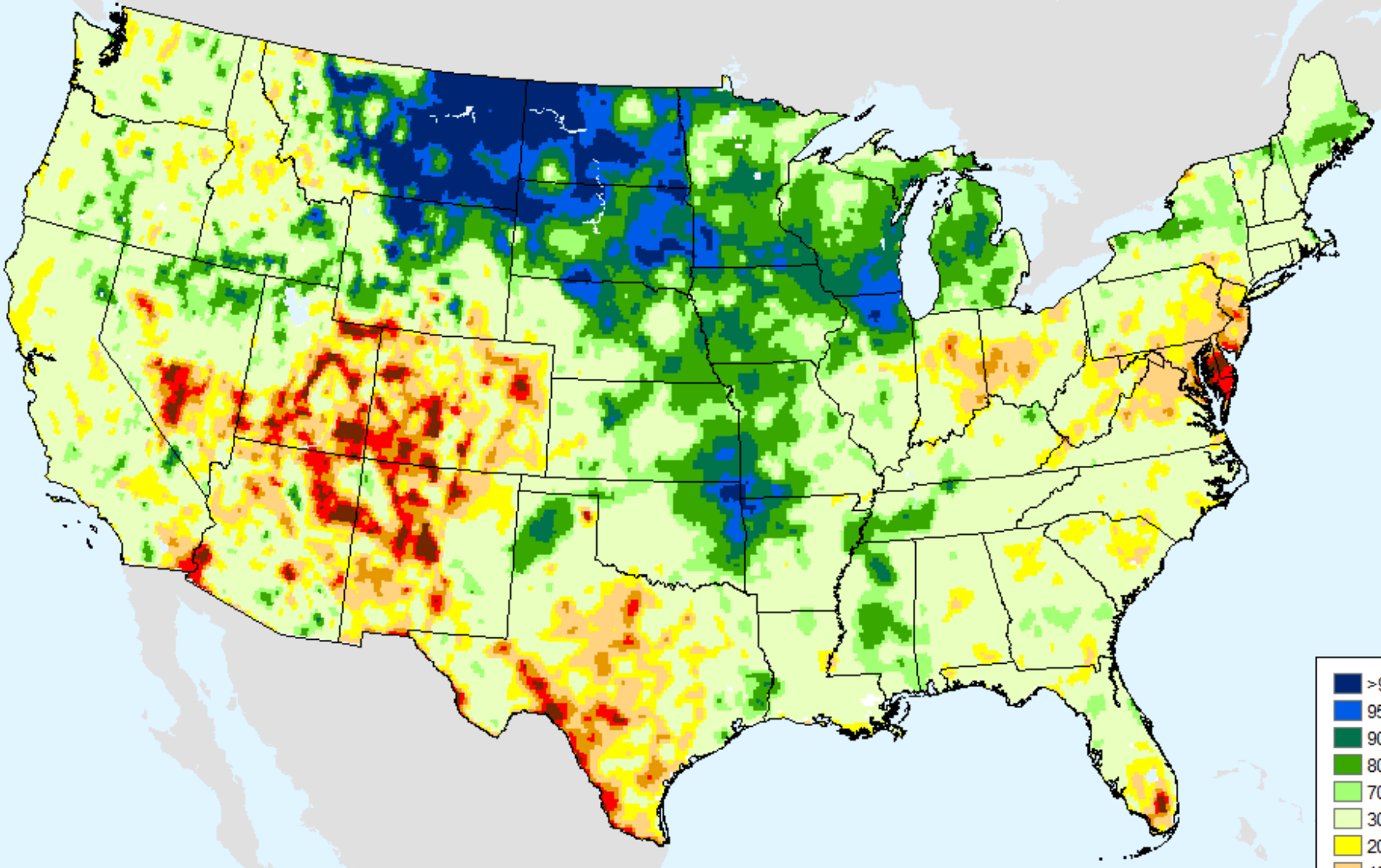
As of: Tuesday, November 12, 2019



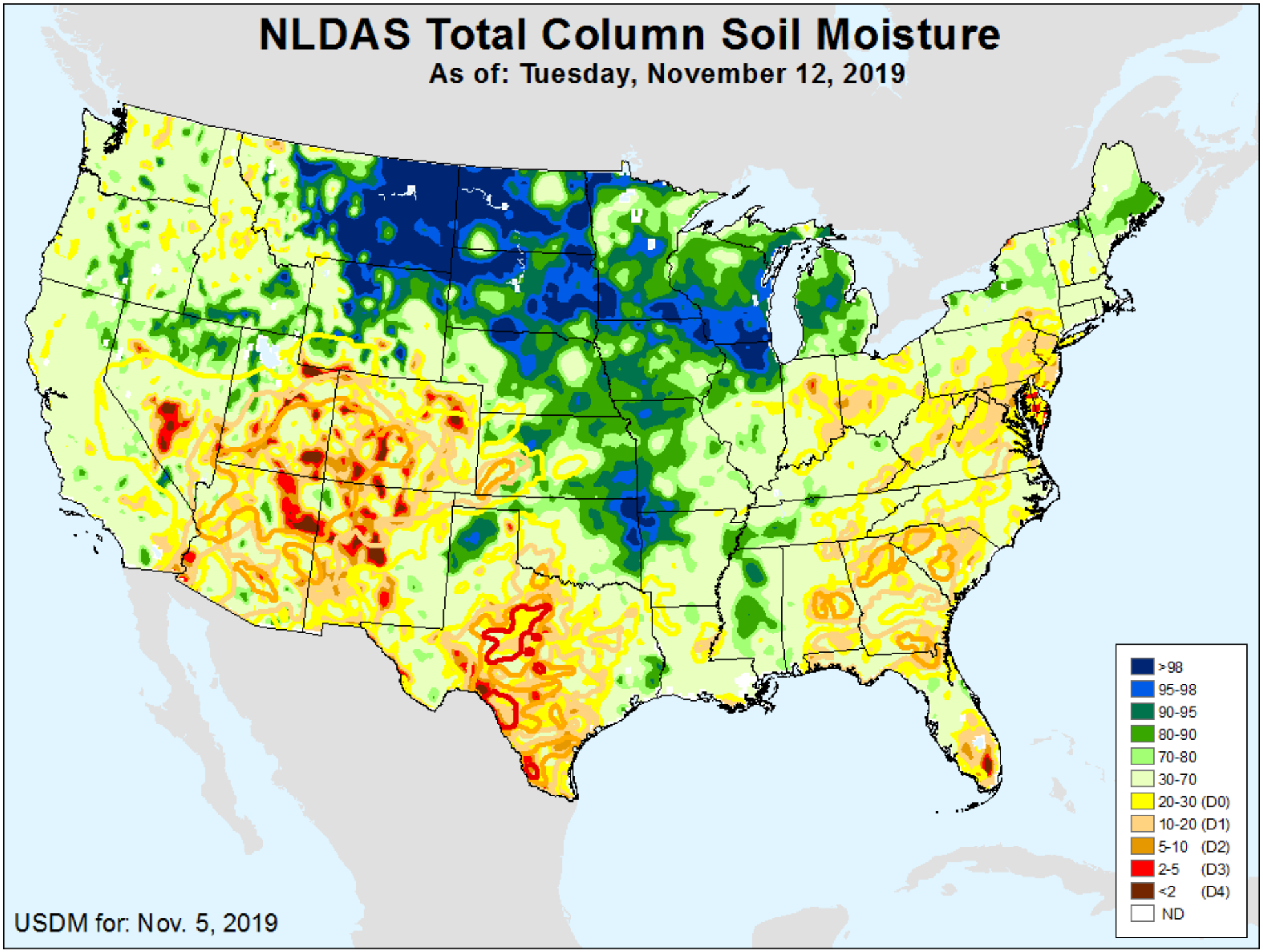

NLDAS Top 1m Soil Moisture
As of: Tuesday, November 12, 2019
>98
95-98
90-95
80-90
70-80
30-70
20-30 (D0)
10-20 (D1)
5-10 (D2)
2-5 (D3)
<2 (D4)
ND
USDM for: Nov. 5, 2019

NLDAS Top 1m Soil Moisture

As of: Tuesday, November 12, 2019

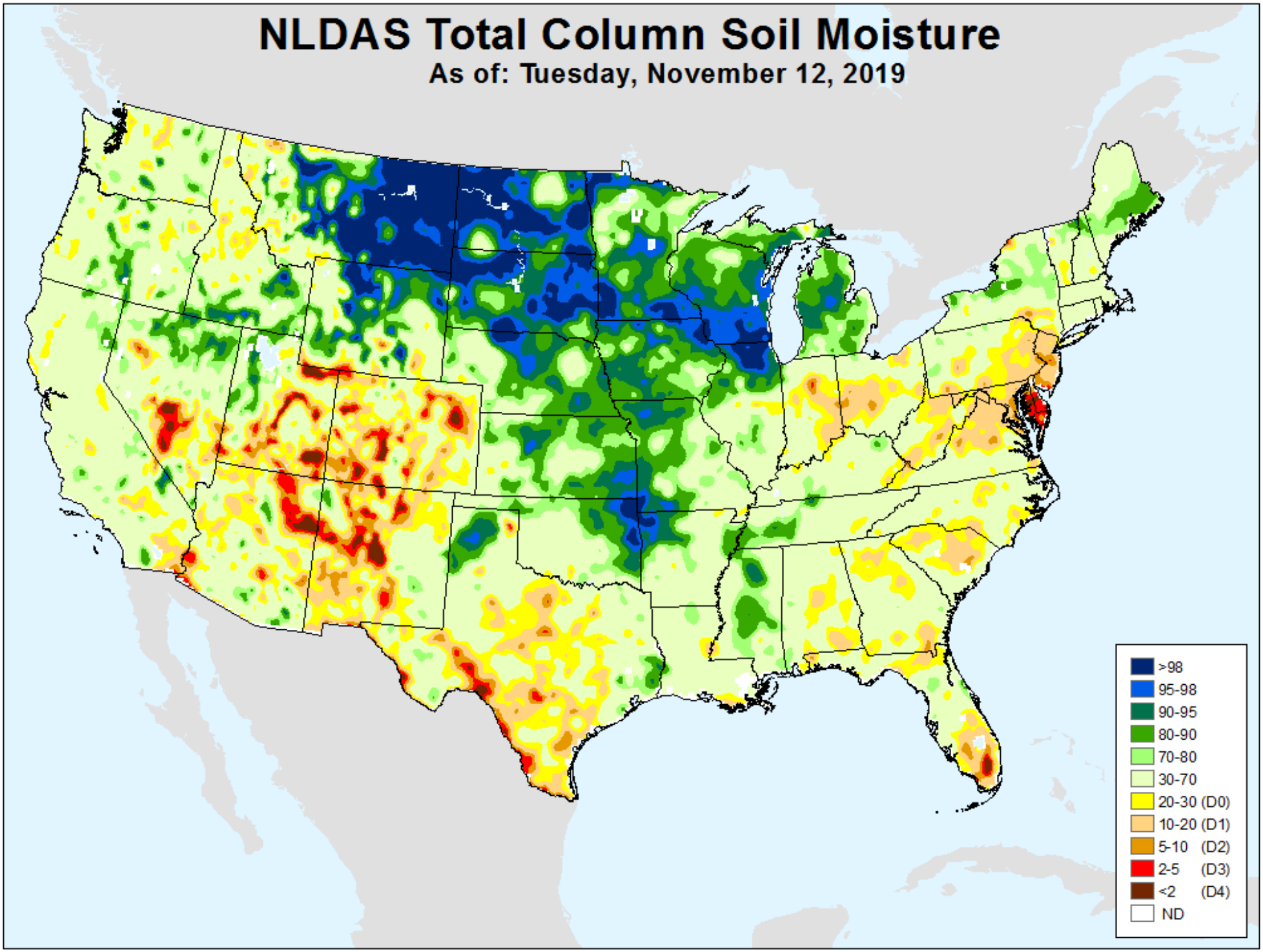


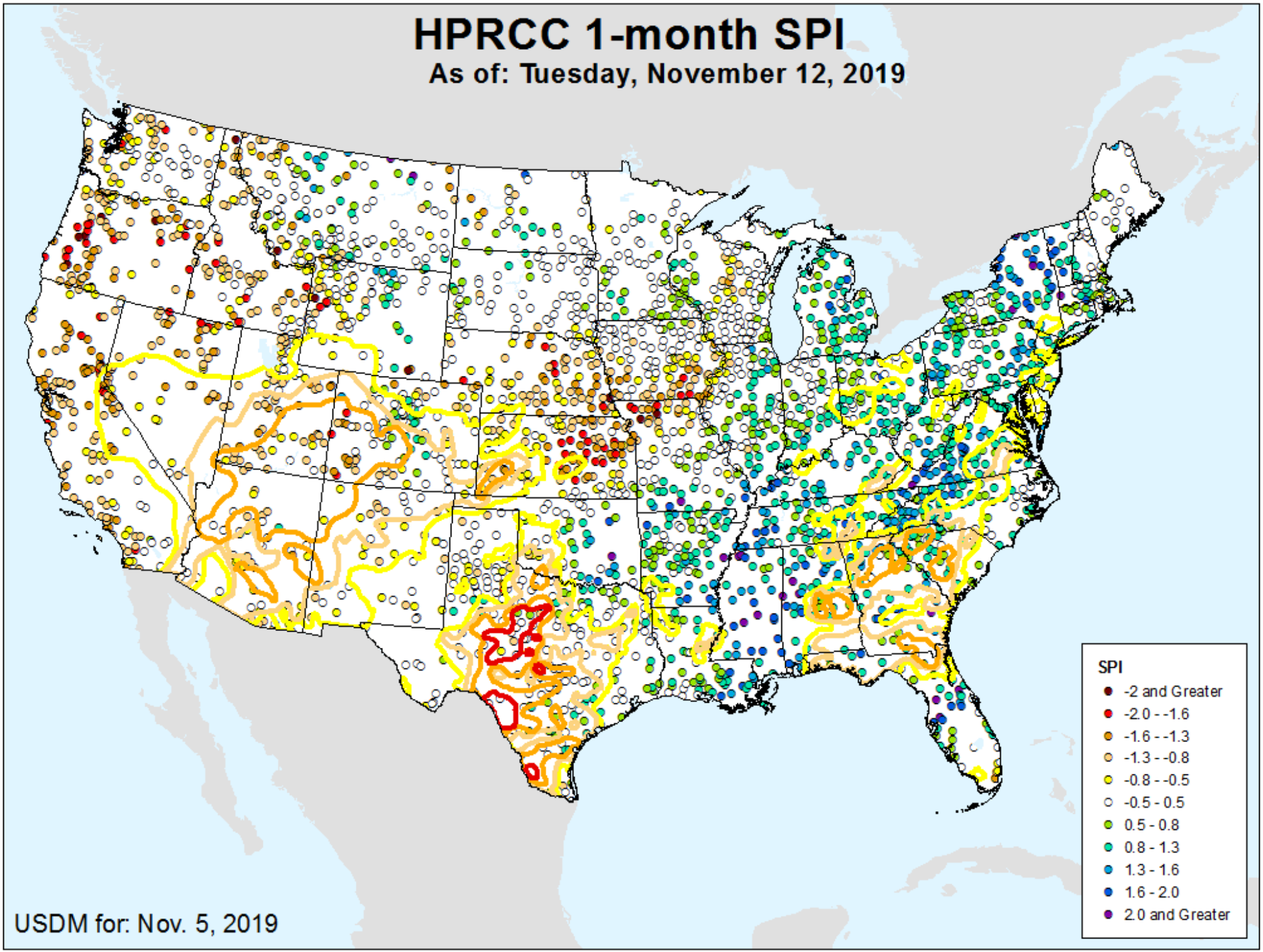
>98	
95-98	
90-95	
80-90	
70-80	
30-70	
20-30	(D0)
10-20	(D1)
5-10	(D2)
2-5	(D3)
<2	(D4)
ND	


NLDAS Total Column Soil Moisture
As of: Tuesday, November 12, 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. 5, 2019

NLDAS Total Column Soil Moisture

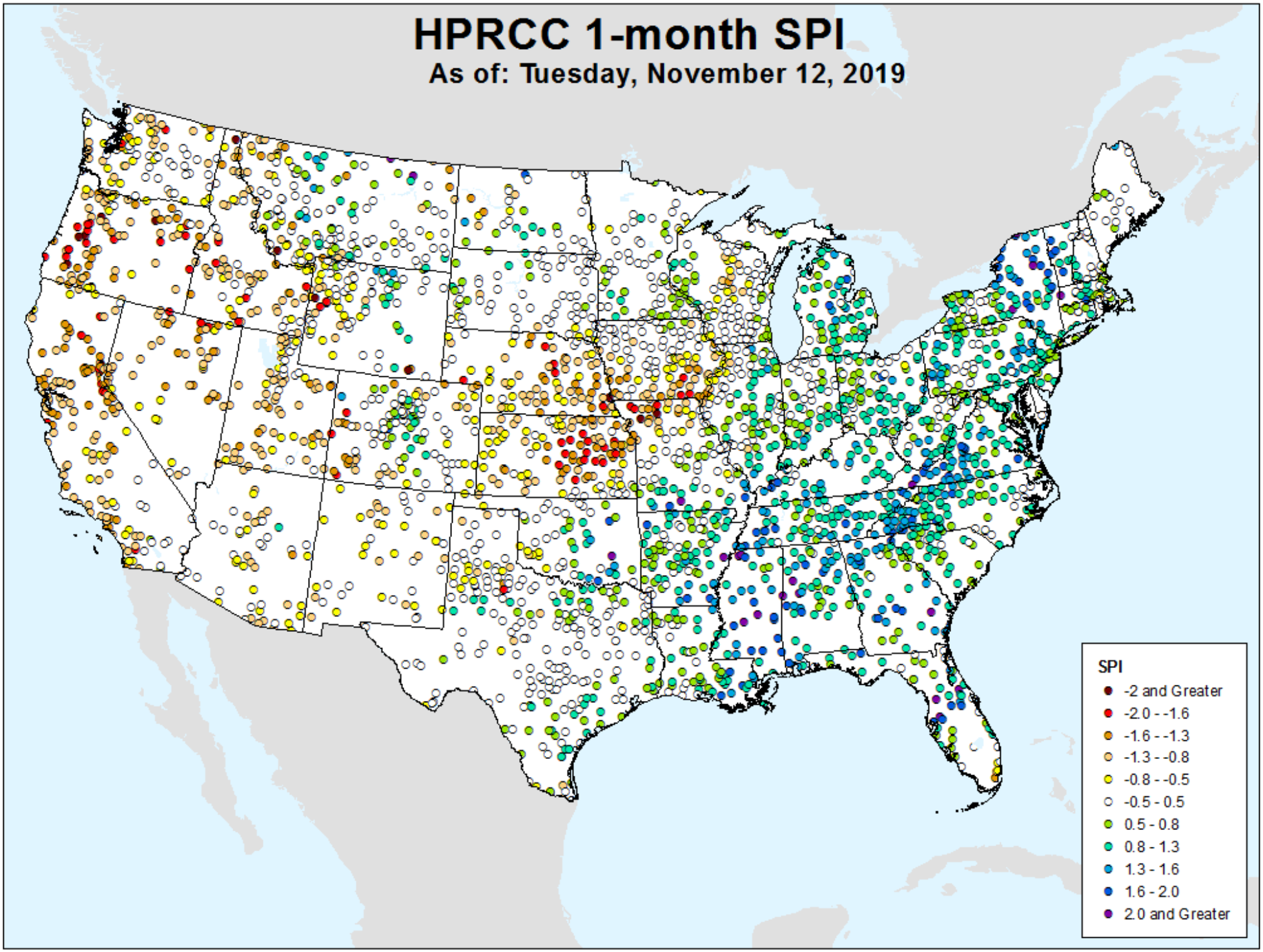
As of: Tuesday, November 12, 2019

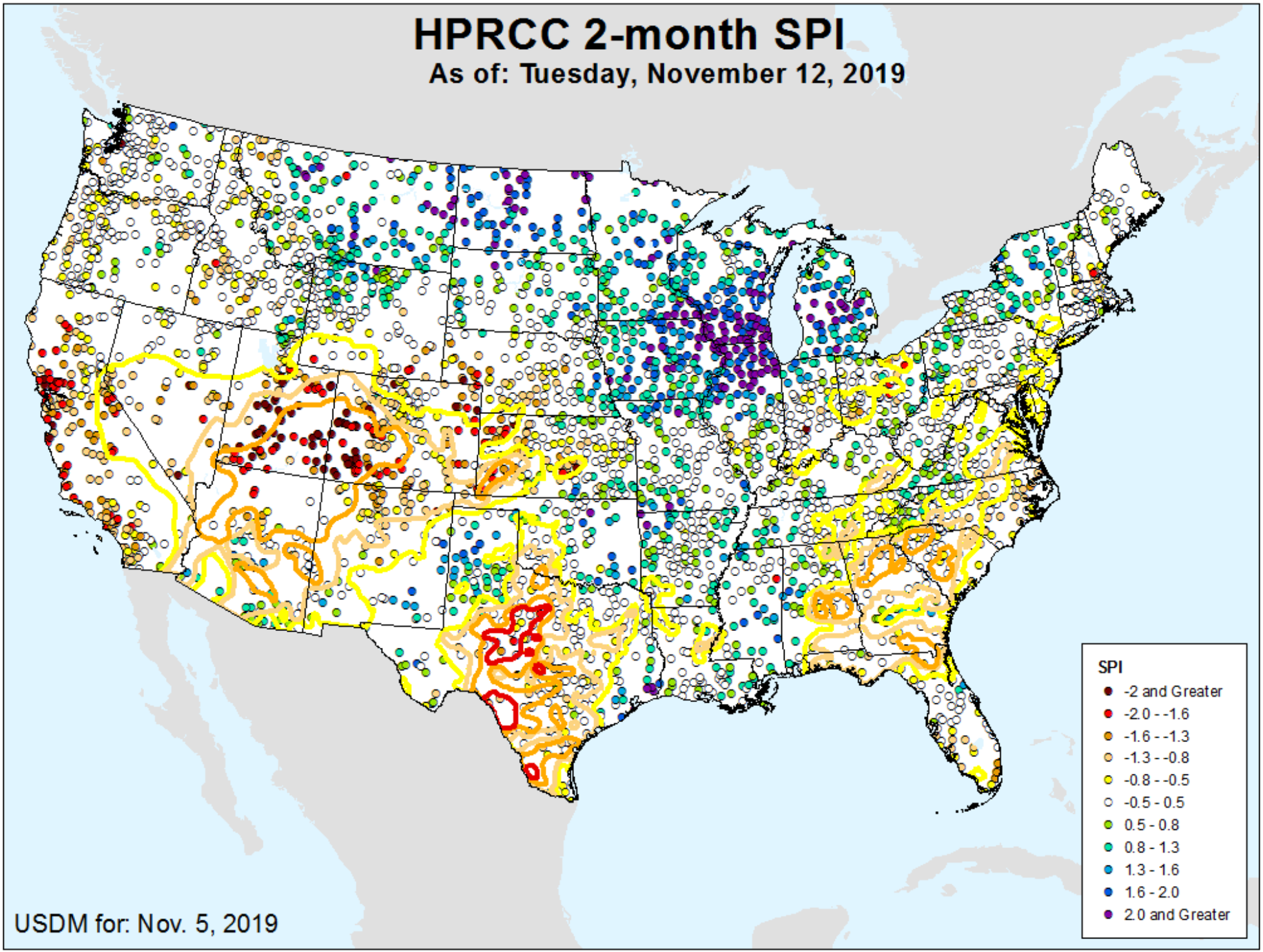



HPRCC 1-month SPI
As of: Tuesday, November 12, 2019
SPI
-2 and Greater
-2.0 - -1.6
-1.6 - -1.3
-1.3 - -0.8
-0.8 - -0.5
-0.5 - 0.5
0.5 - 0.8
0.8 - 1.3
1.3 - 1.6
1.6 - 2.0
2.0 and Greater
USDM for: Nov. 5, 2019

HPRCC 1-month SPI

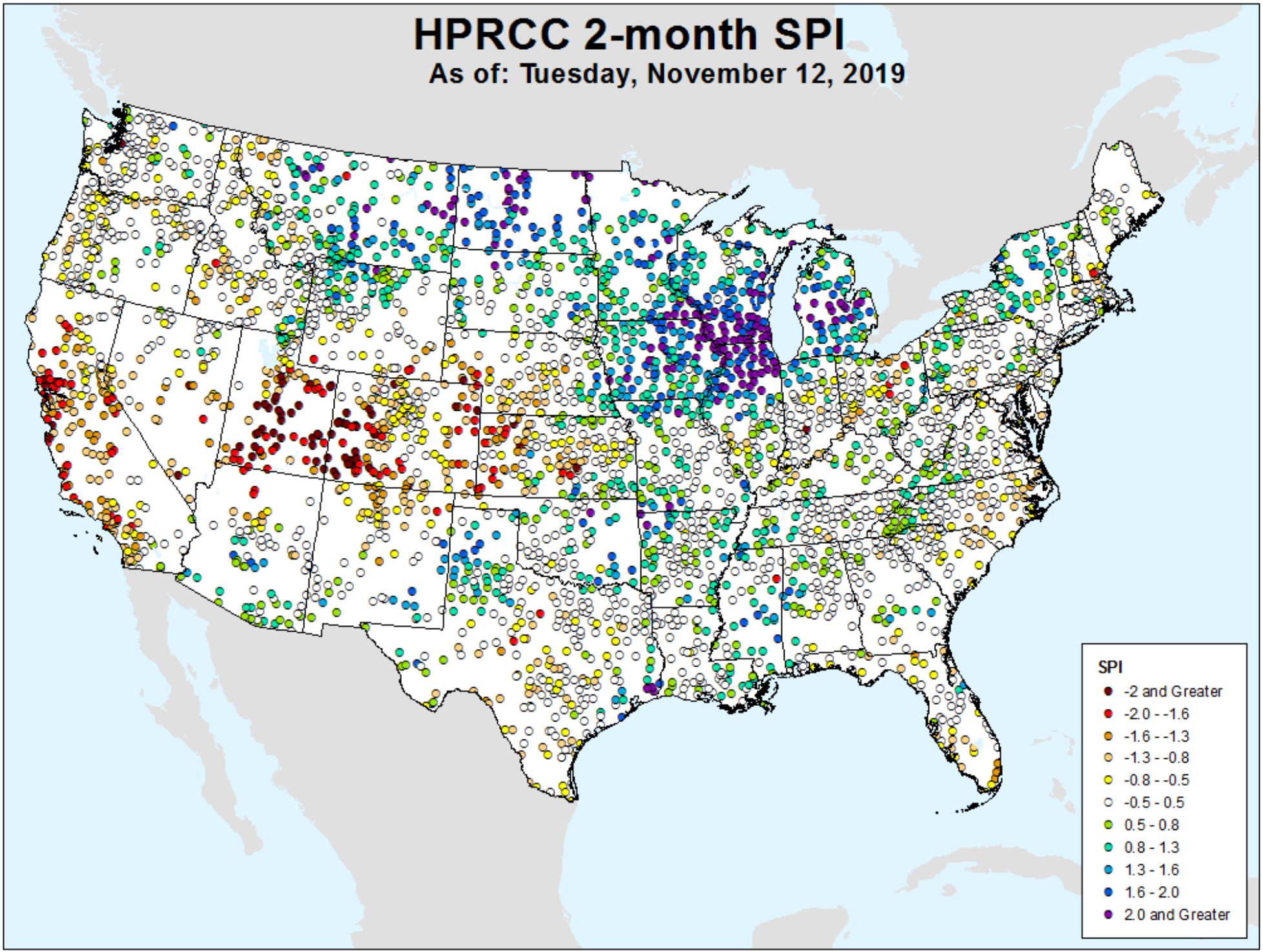
As of: Tuesday, November 12, 2019

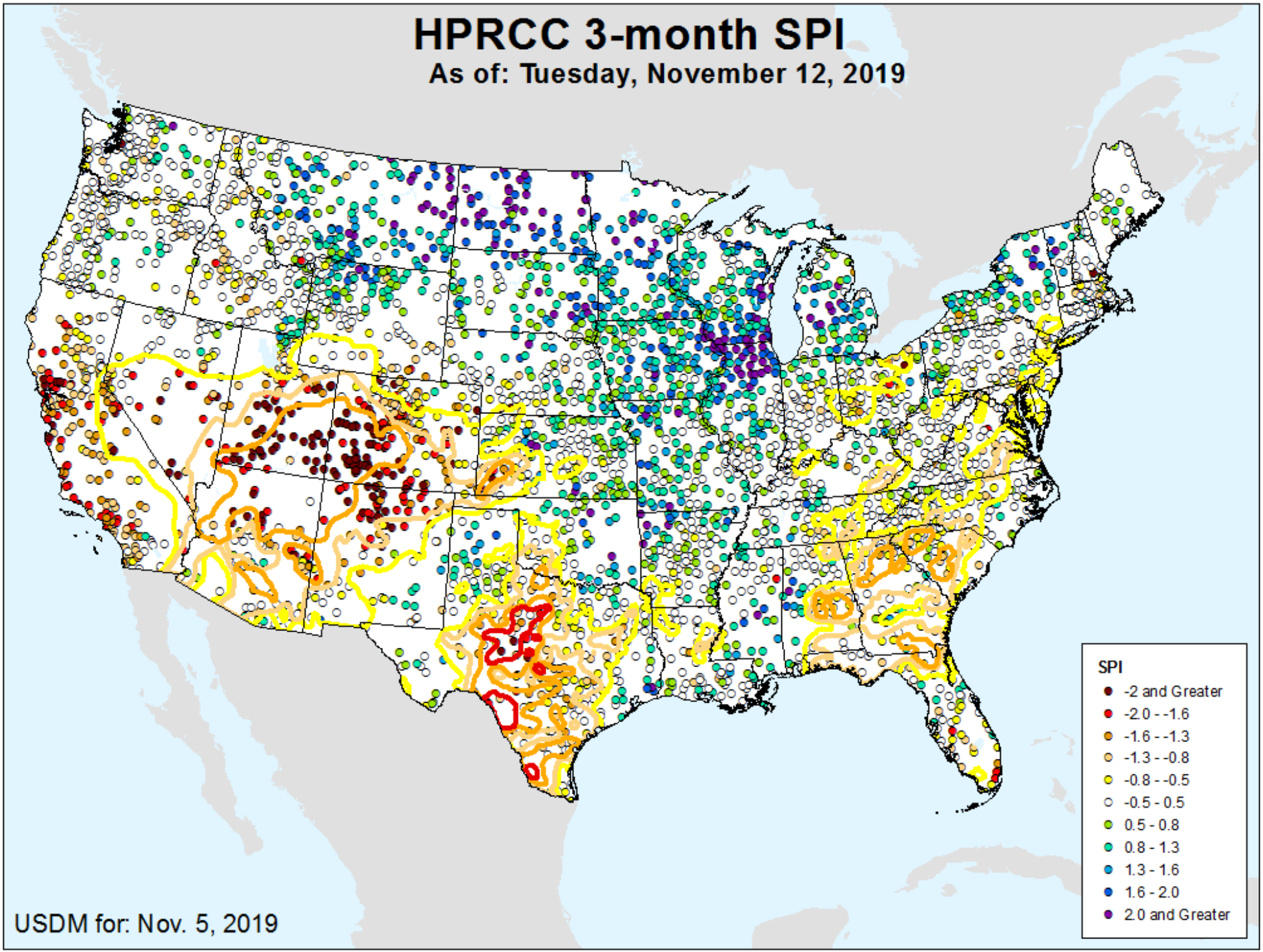



HPRCC 2-month SPI
As of: Tuesday, November 12, 2019
SPI
-2 and Greater
-2.0 - -1.6
-1.6 - -1.3
-1.3 - -0.8
-0.8 - -0.5
-0.5 - 0.5
0.5 - 0.8
0.8 - 1.3
1.3 - 1.6
1.6 - 2.0
2.0 and Greater
USDM for: Nov. 5, 2019

HPRCC 2-month SPI

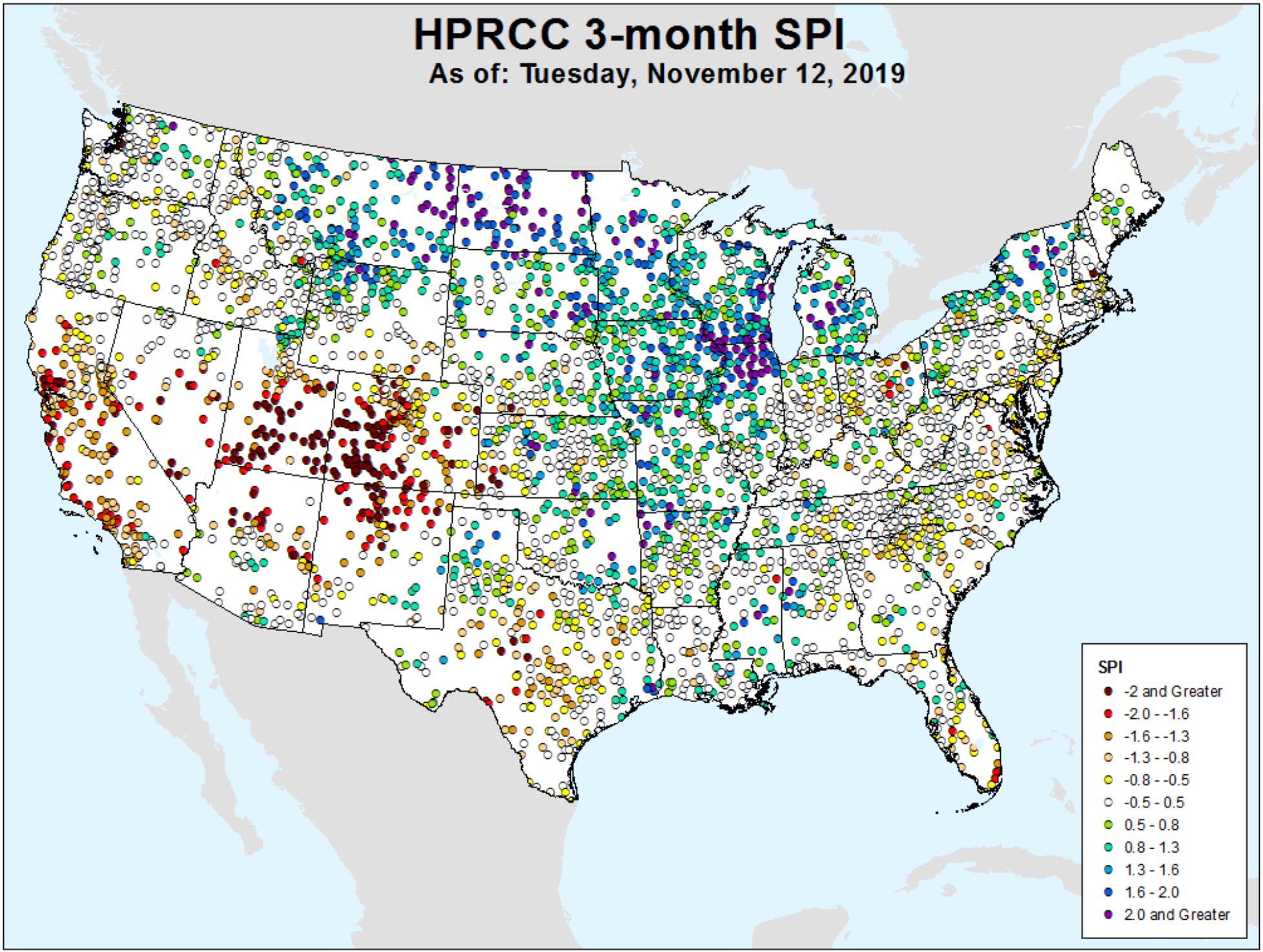
As of: Tuesday, November 12, 2019

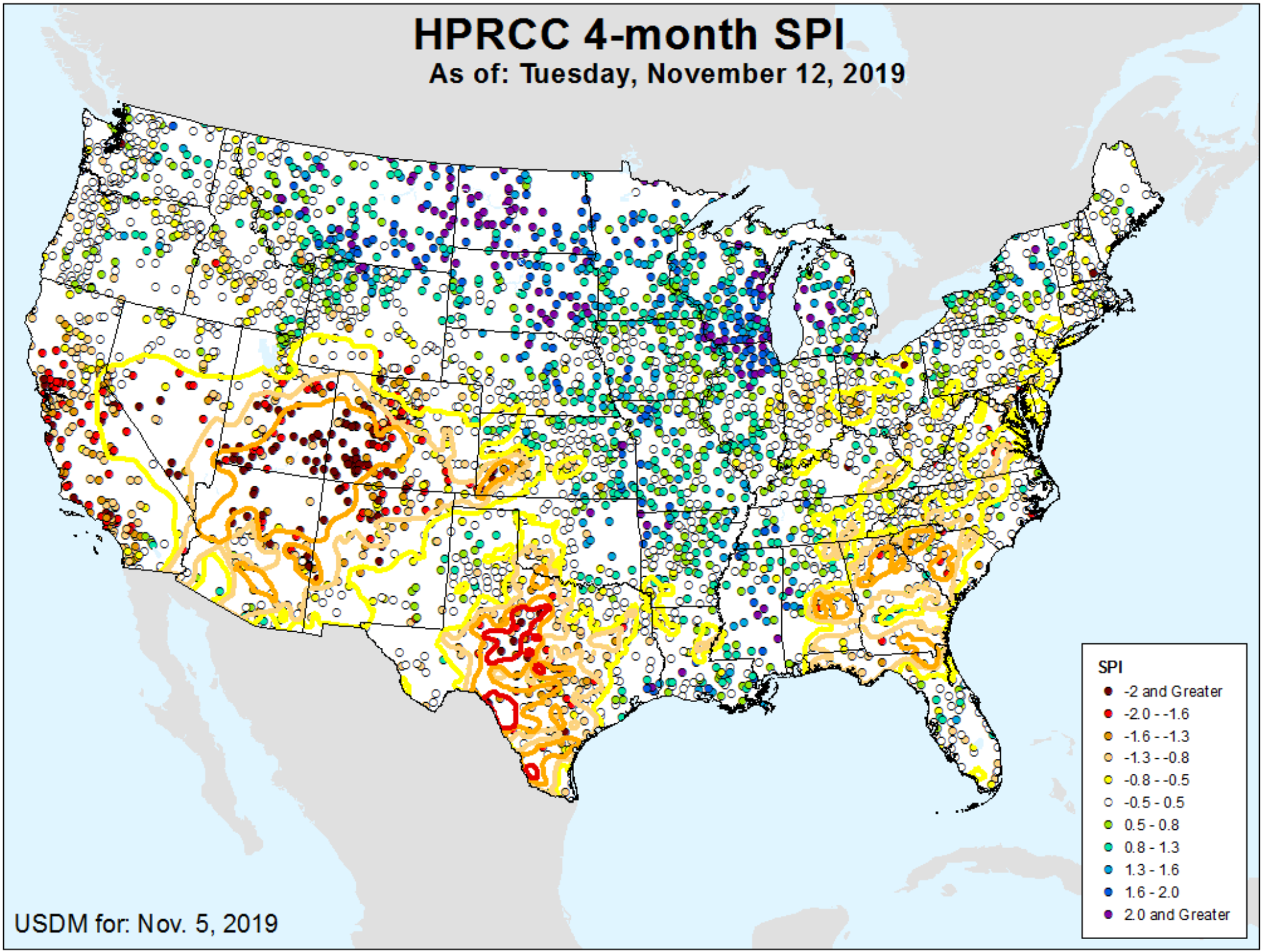



HPRCC 3-month SPI
As of: Tuesday, November 12, 2019
SPI
-2 and Greater
-2.0 - -1.6
-1.6 - -1.3
-1.3 - -0.8
-0.8 - -0.5
-0.5 - 0.5
0.5 - 0.8
0.8 - 1.3
1.3 - 1.6
1.6 - 2.0
2.0 and Greater
USDM for: Nov. 5, 2019

HPRCC 3-month SPI

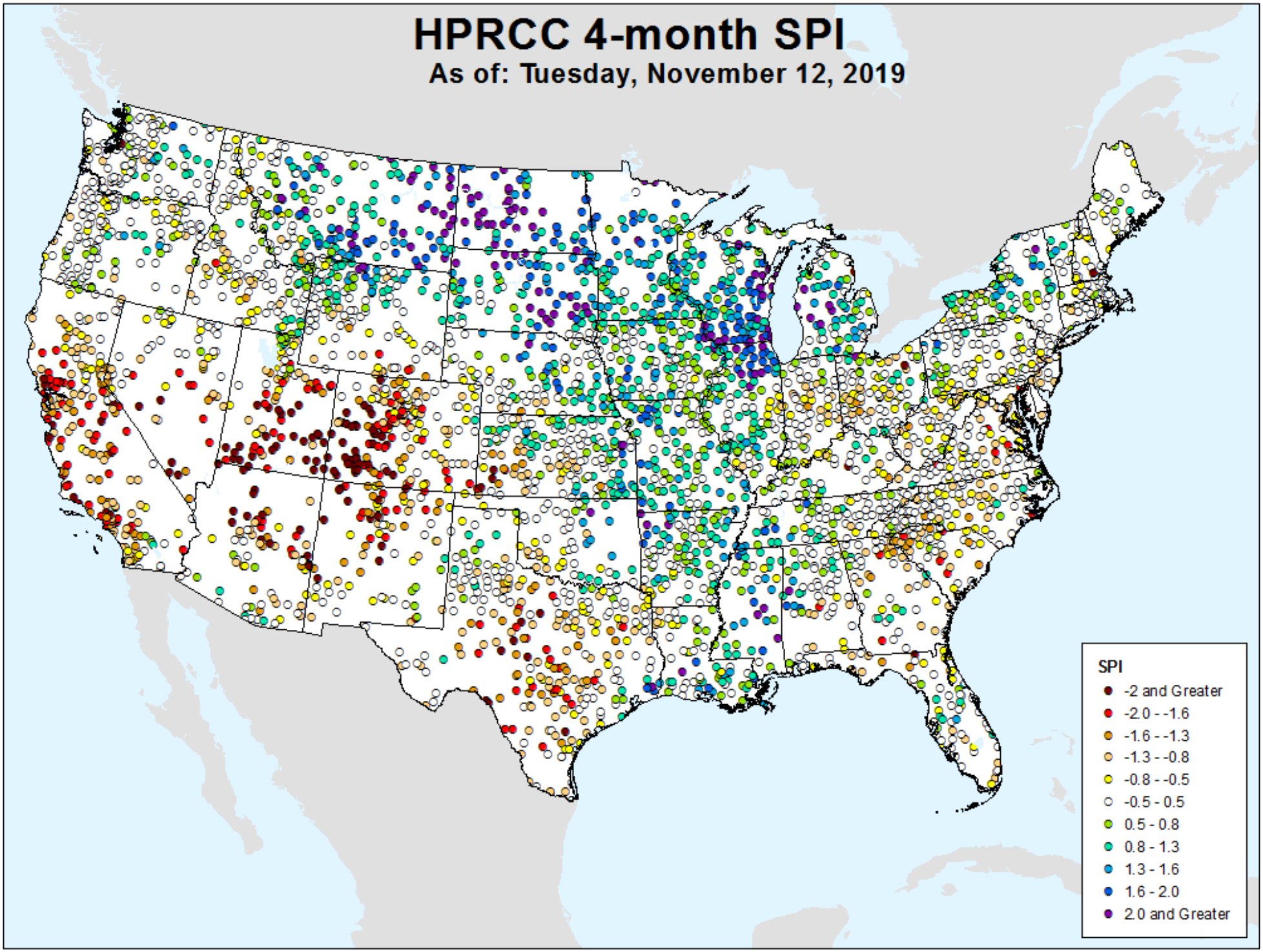
As of: Tuesday, November 12, 2019




HPRCC 4-month SPI
As of: Tuesday, November 12, 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. 5, 2019

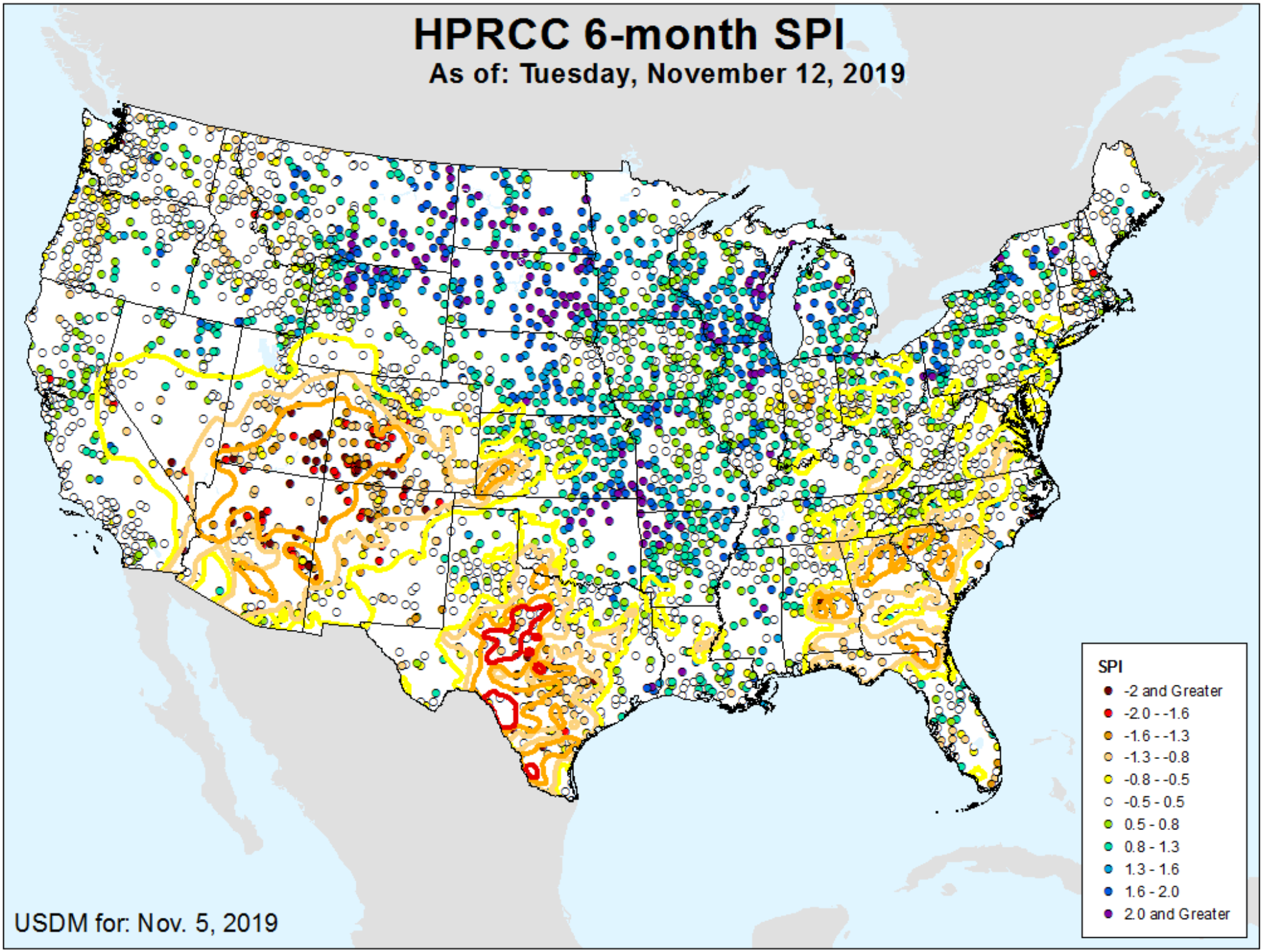
HPRCC 4-month SPI

As of: Tuesday, November 12, 2019



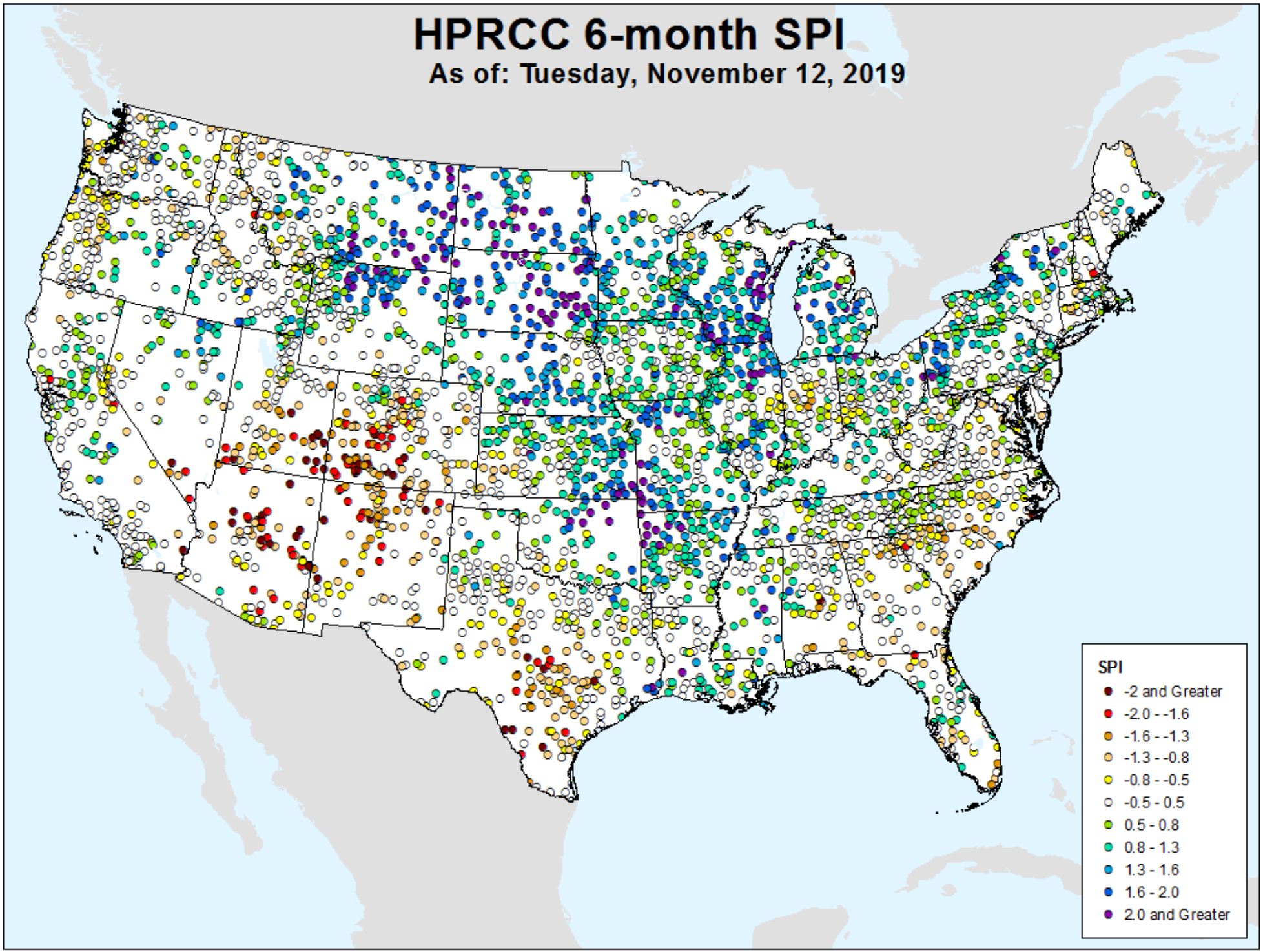
HPRCC 6-month SPI

As of: Tuesday, November 12, 2019



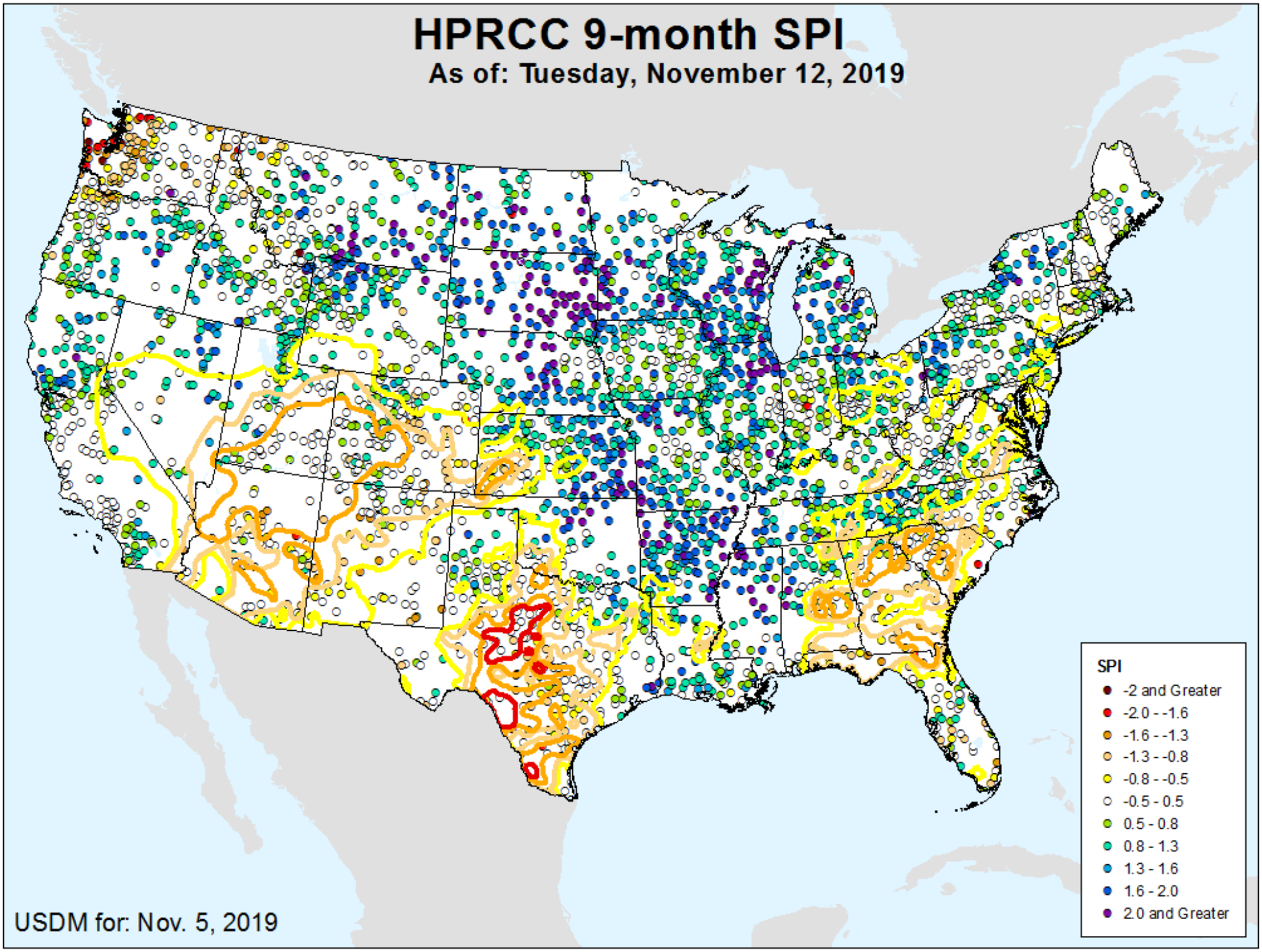
HPRCC 6-month SPI

As of: Tuesday, November 12, 2019



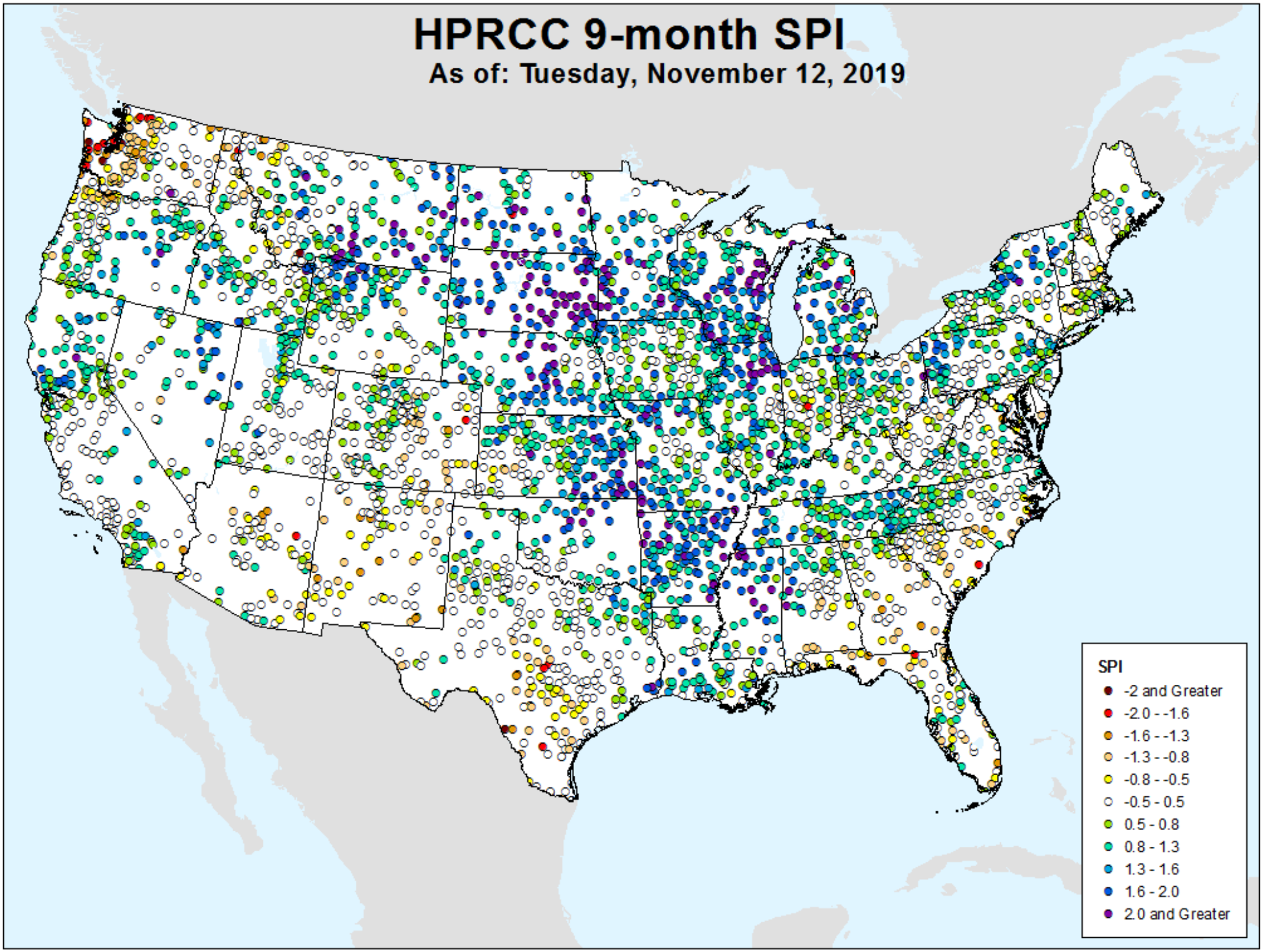
HPRCC 9-month SPI

As of: Tuesday, November 12, 2019



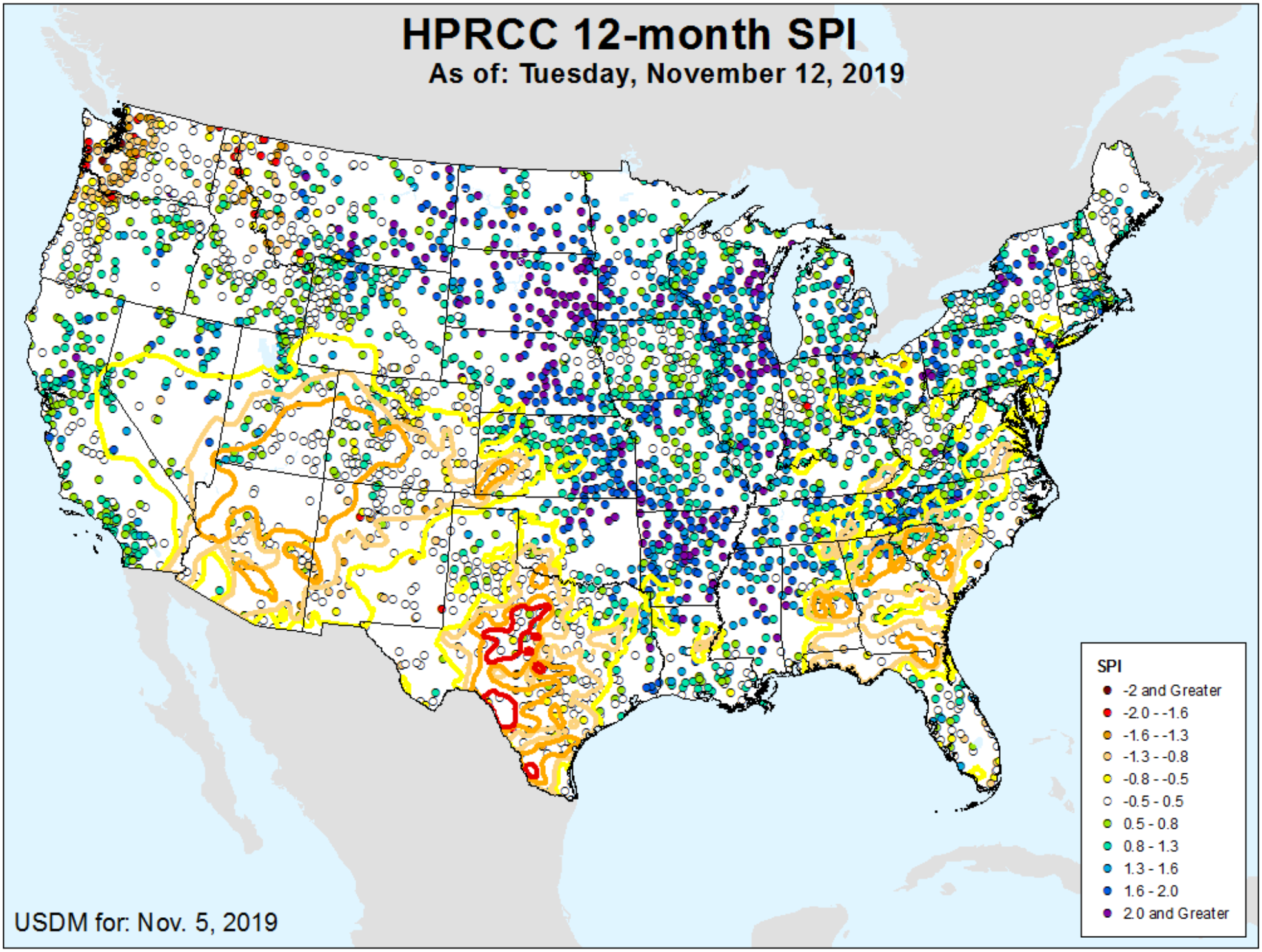
HPRCC 9-month SPI

As of: Tuesday, November 12, 2019



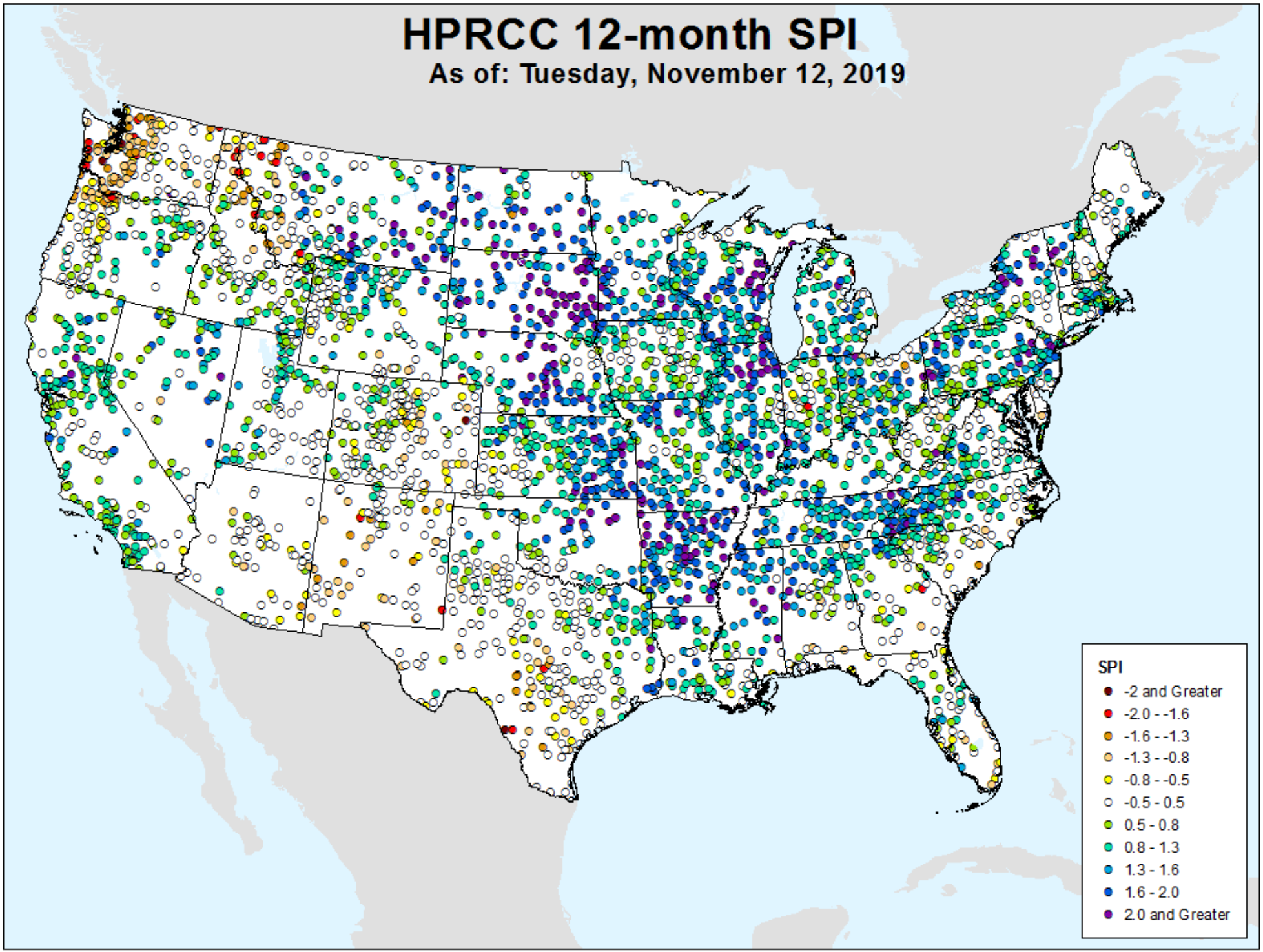
HPRCC 12-month SPI

As of: Tuesday, November 12, 2019



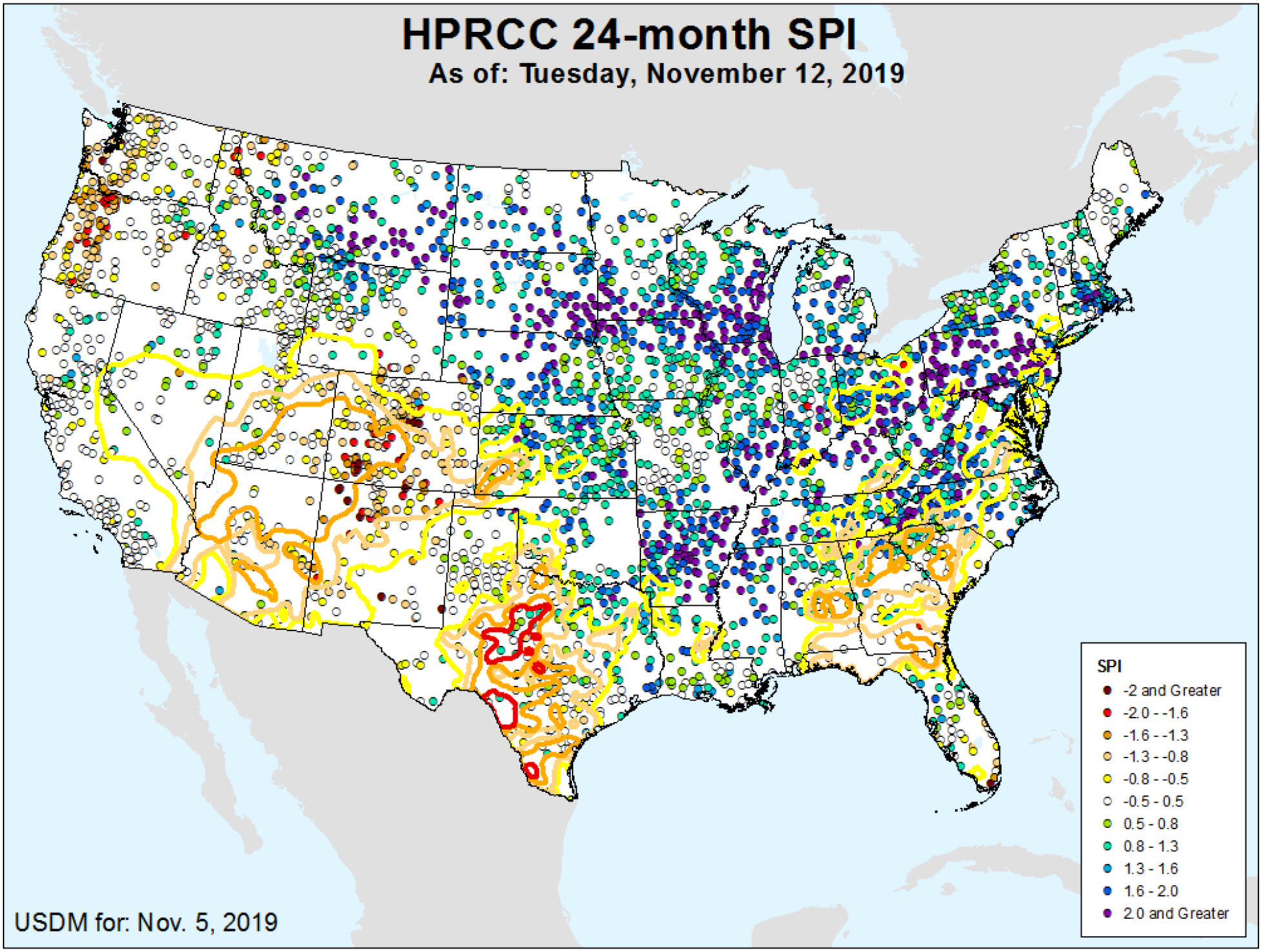
HPRCC 12-month SPI

As of: Tuesday, November 12, 2019



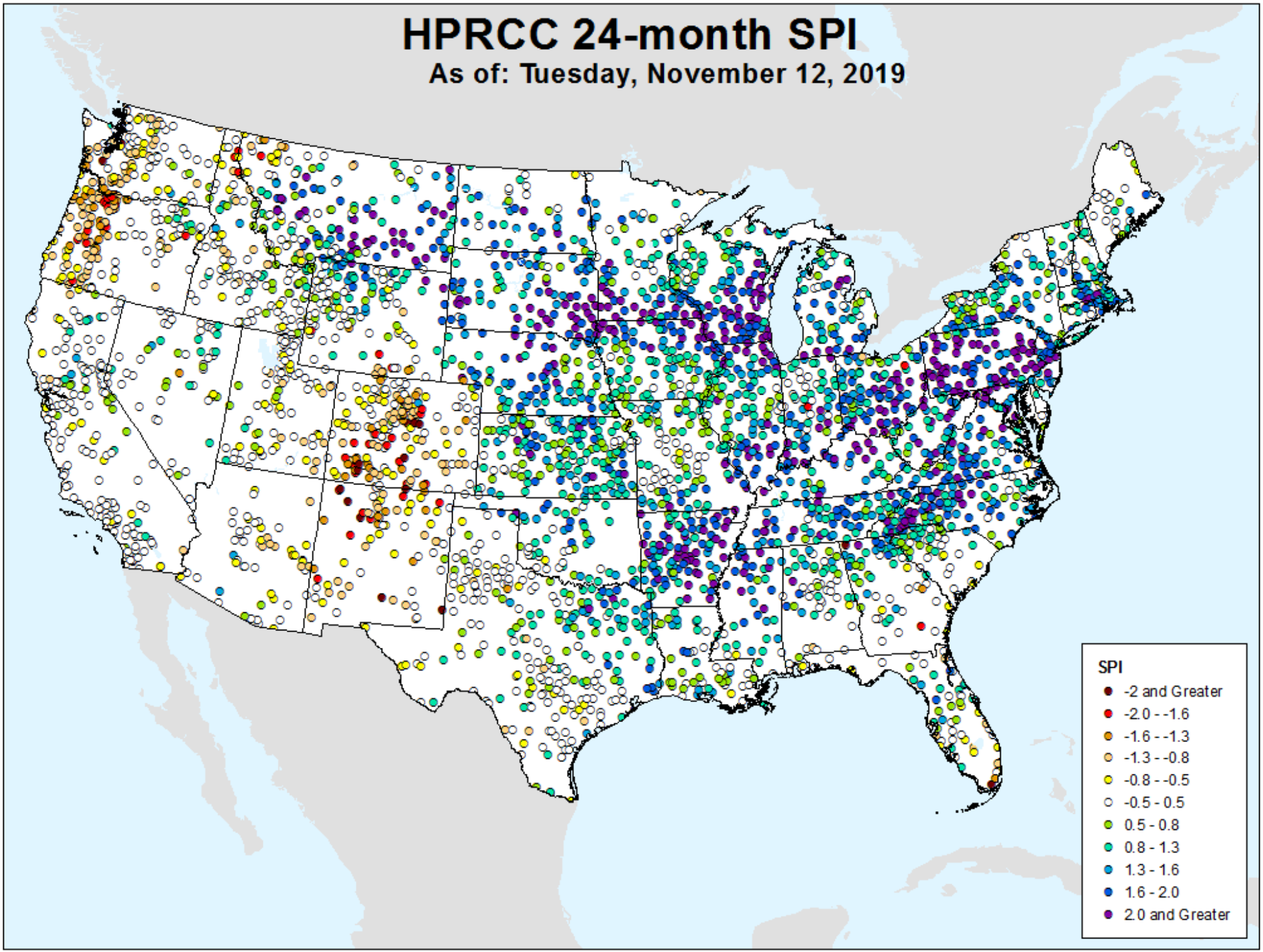
HPRCC 24-month SPI

As of: Tuesday, November 12, 2019



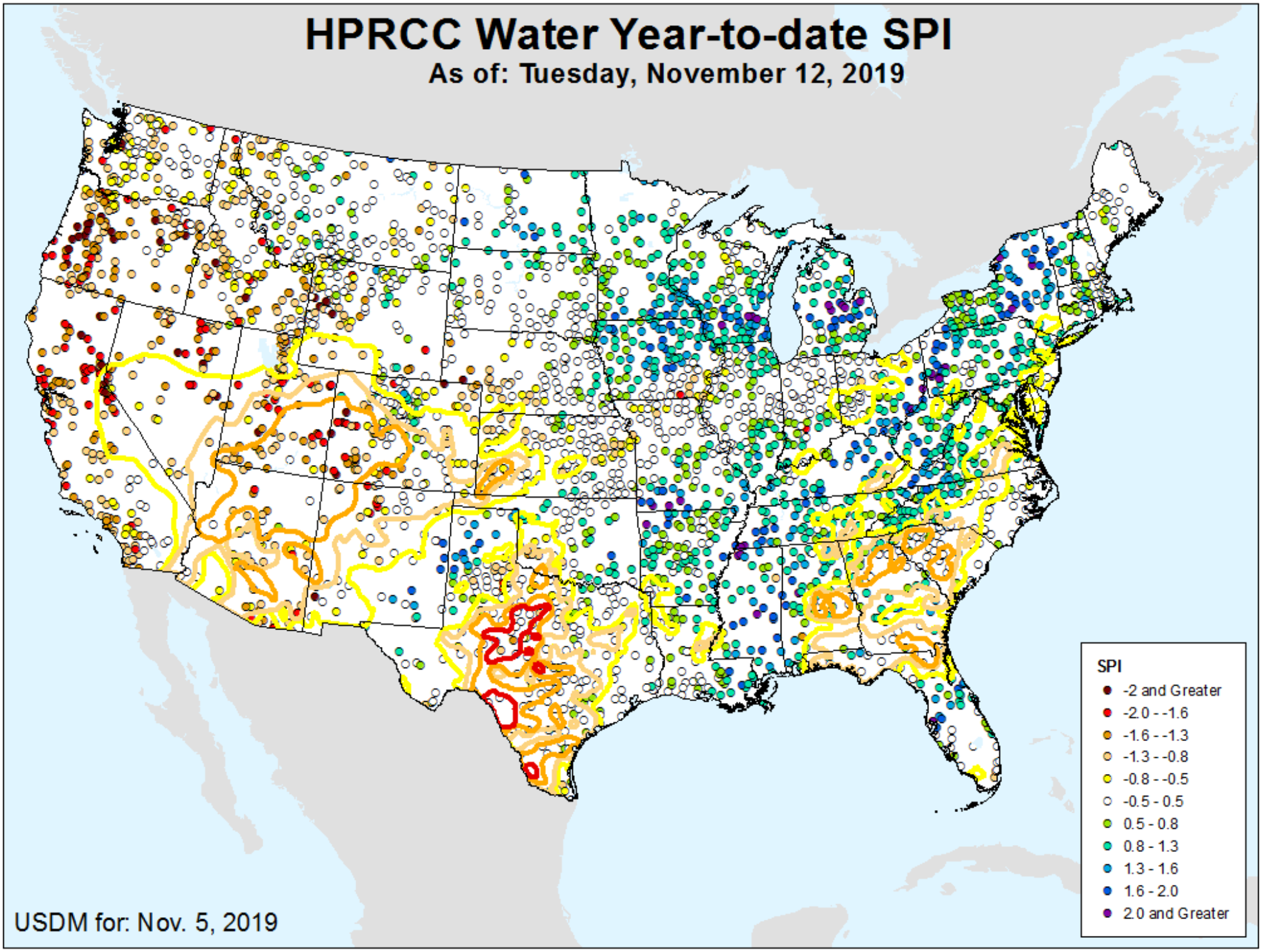
HPRCC 24-month SPI

As of: Tuesday, November 12, 2019



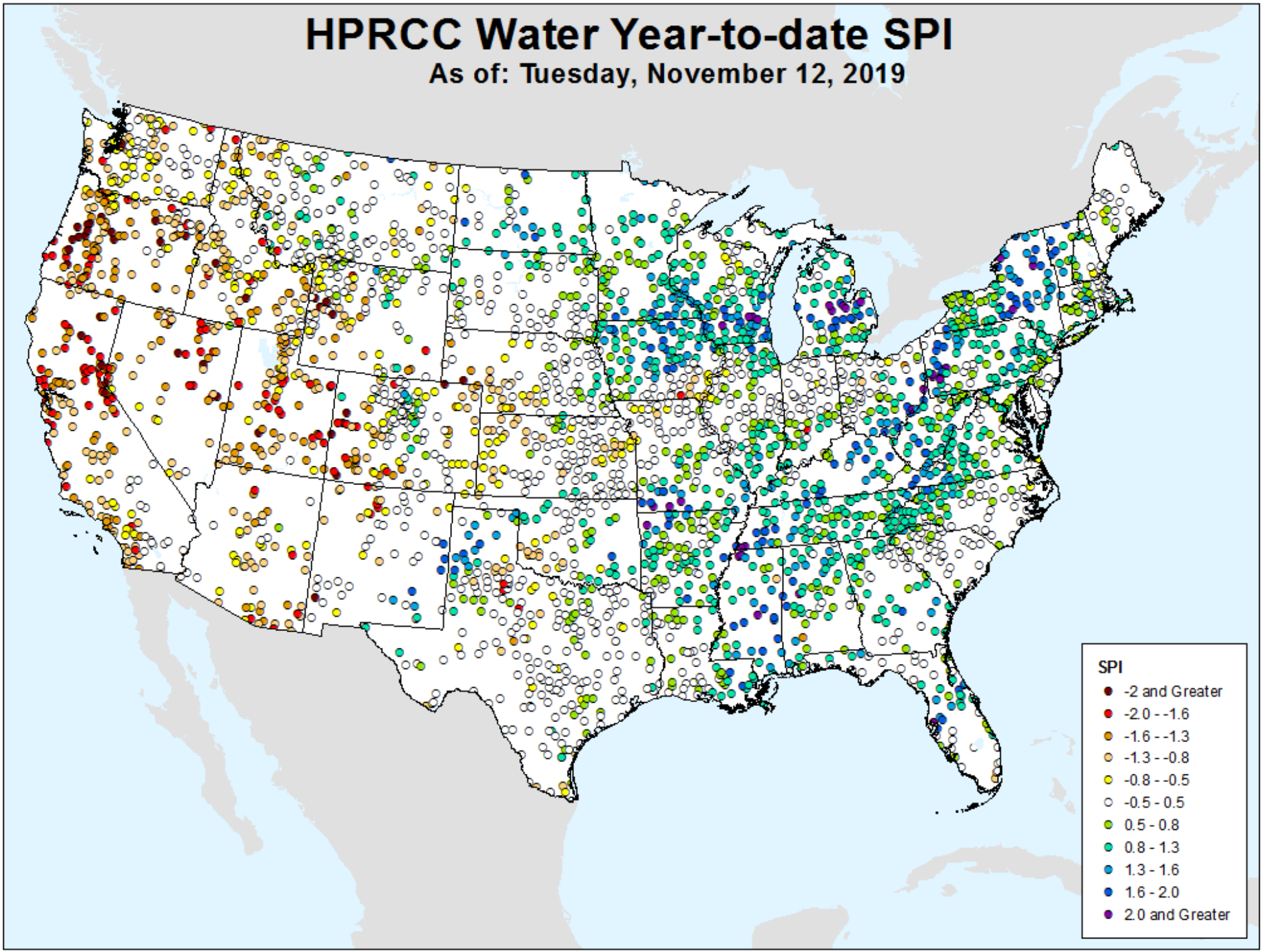
HPRCC Water Year-to-date SPI

As of: Tuesday, November 12, 2019



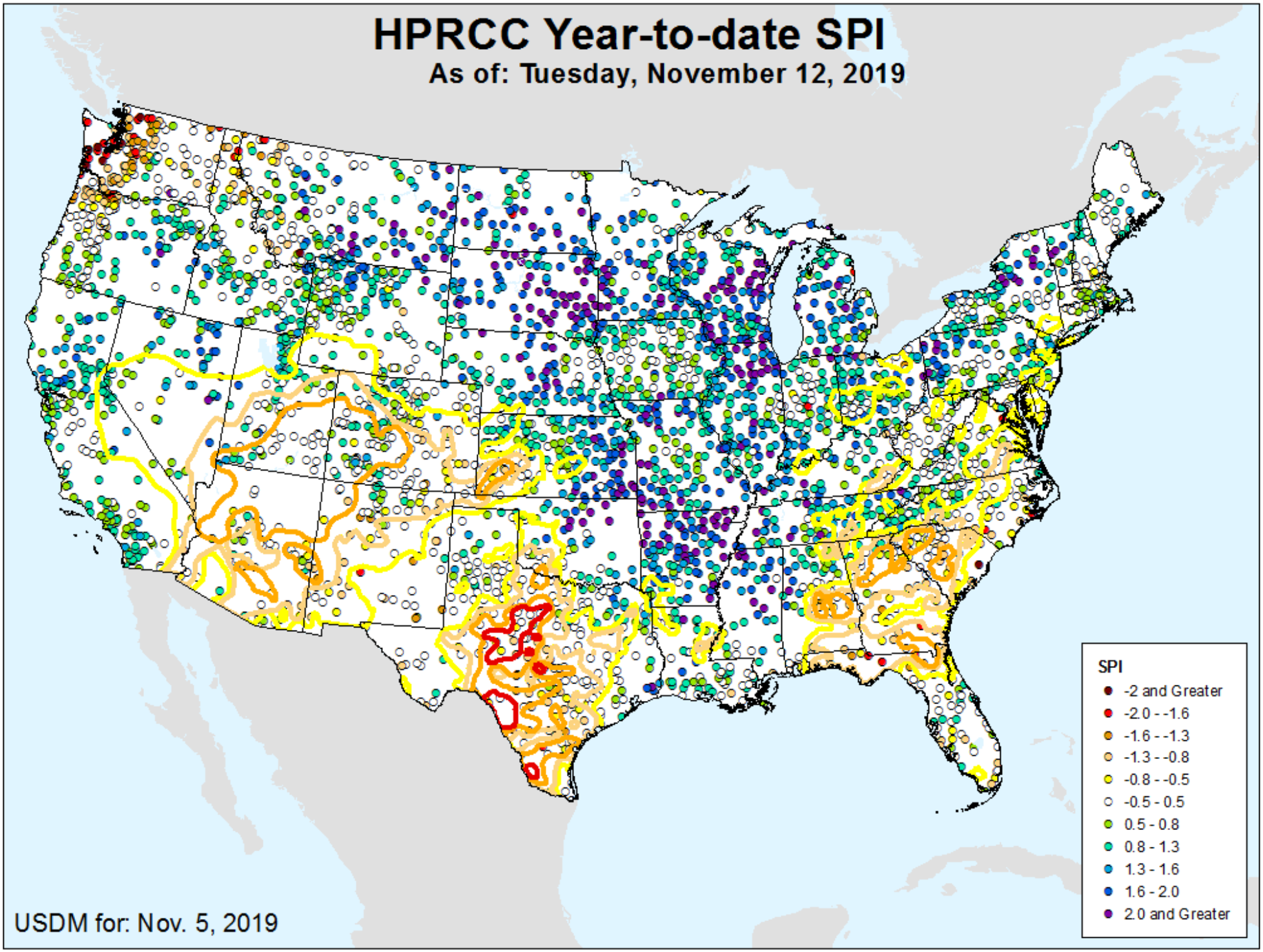
HPRCC Water Year-to-date SPI

As of: Tuesday, November 12, 2019



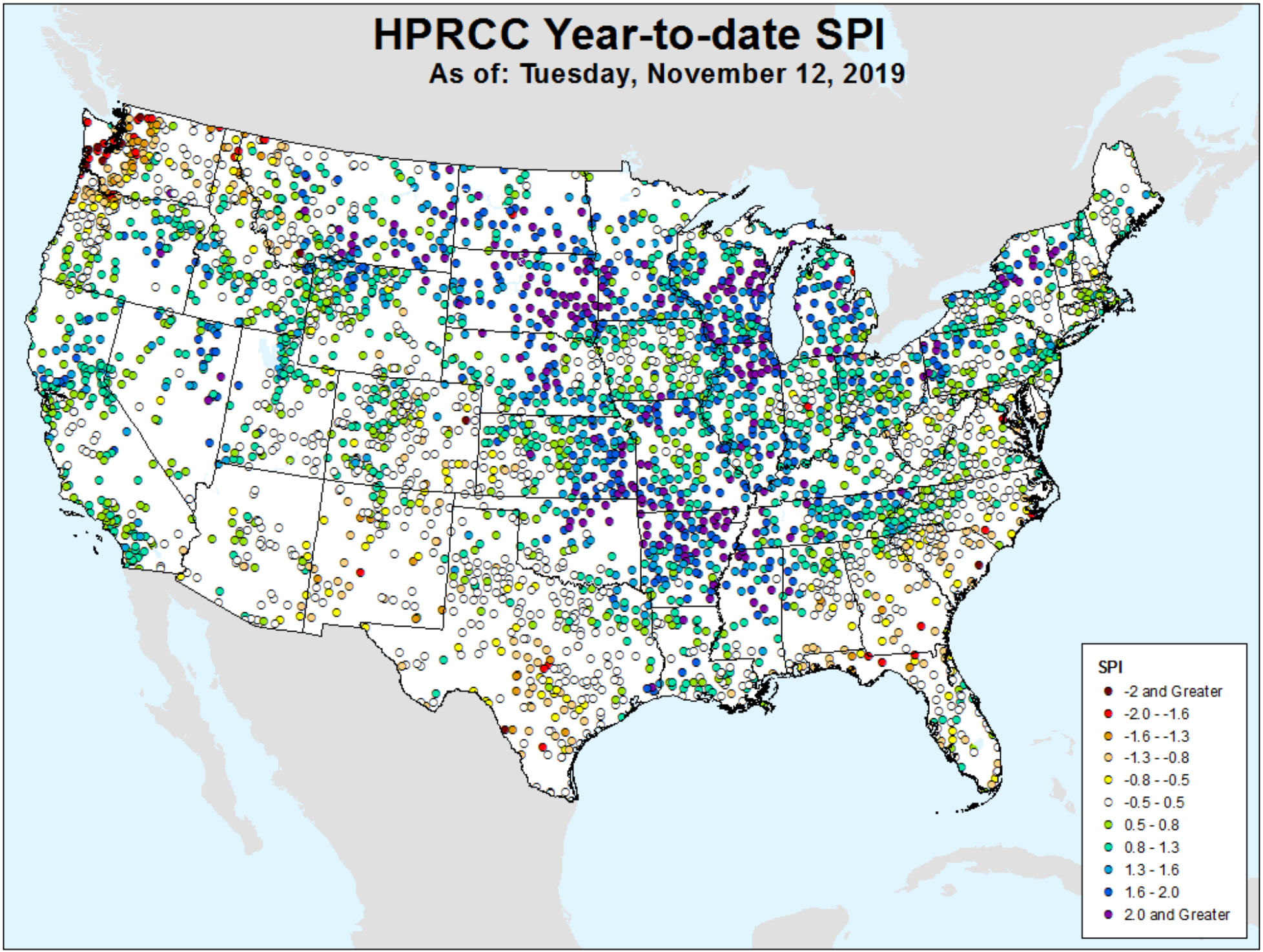
HPRCC Year-to-date SPI

As of: Tuesday, November 12, 2019



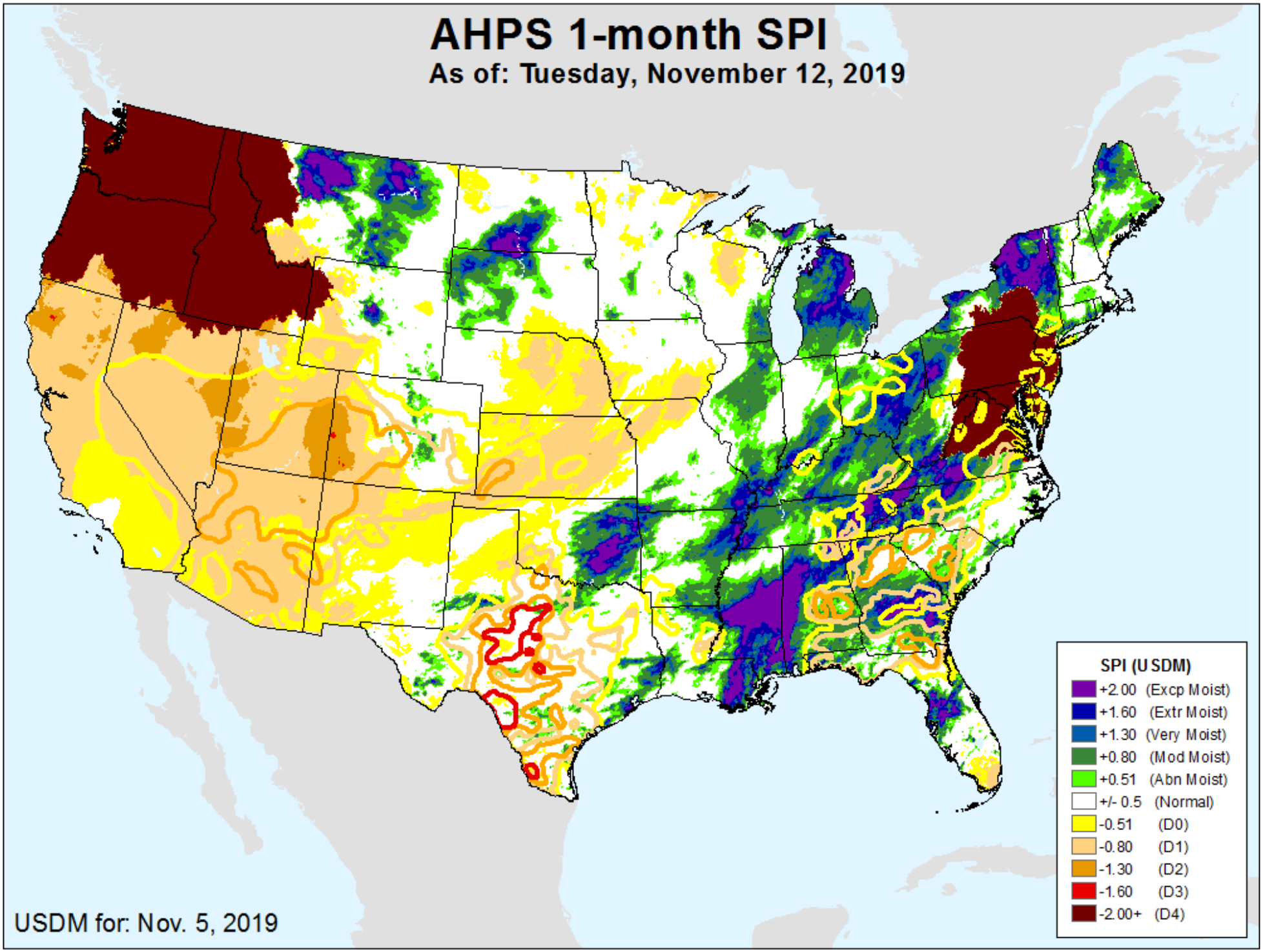
HPRCC Year-to-date SPI

As of: Tuesday, November 12, 2019



AHPS 1-month SPI

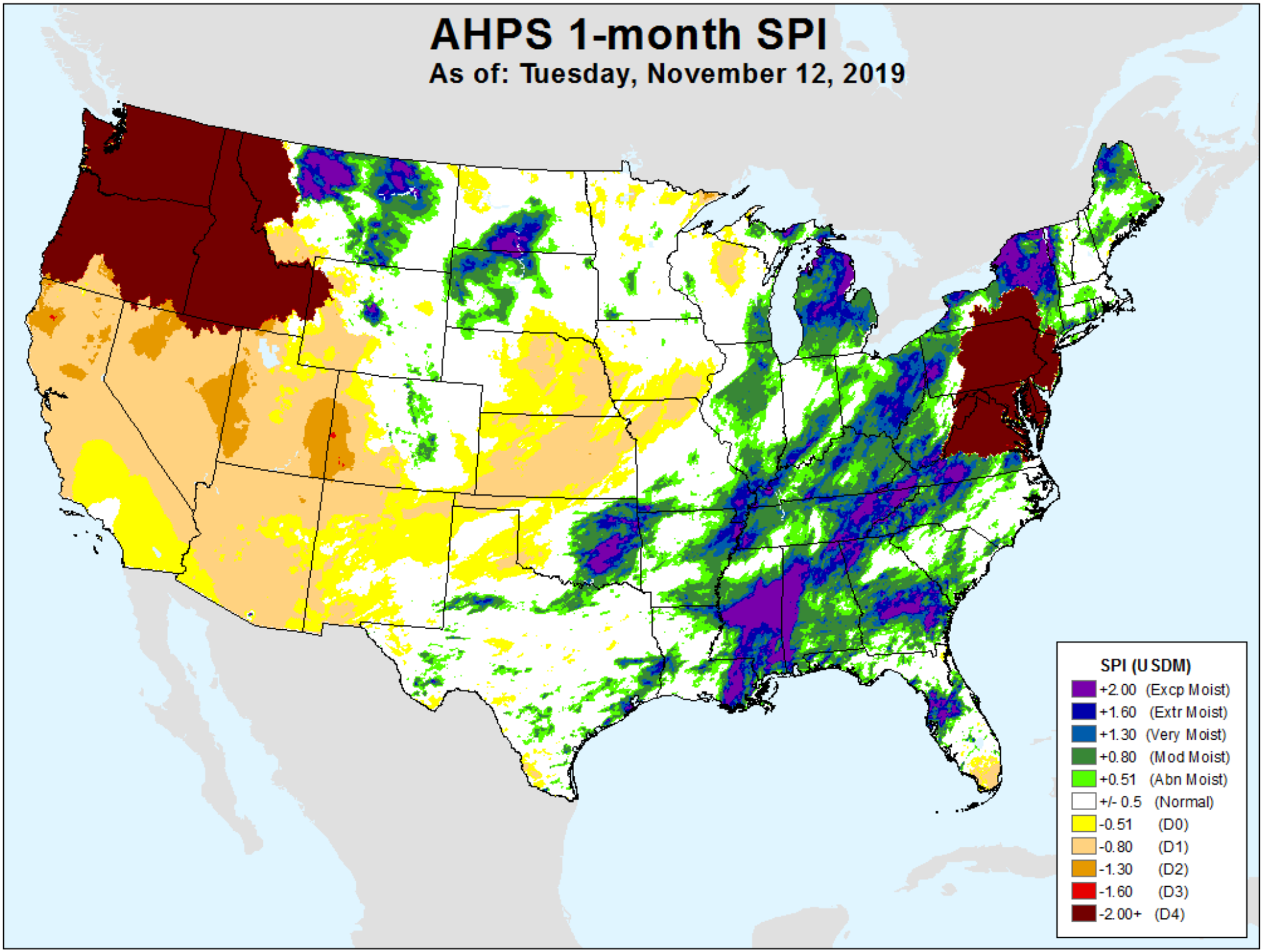
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

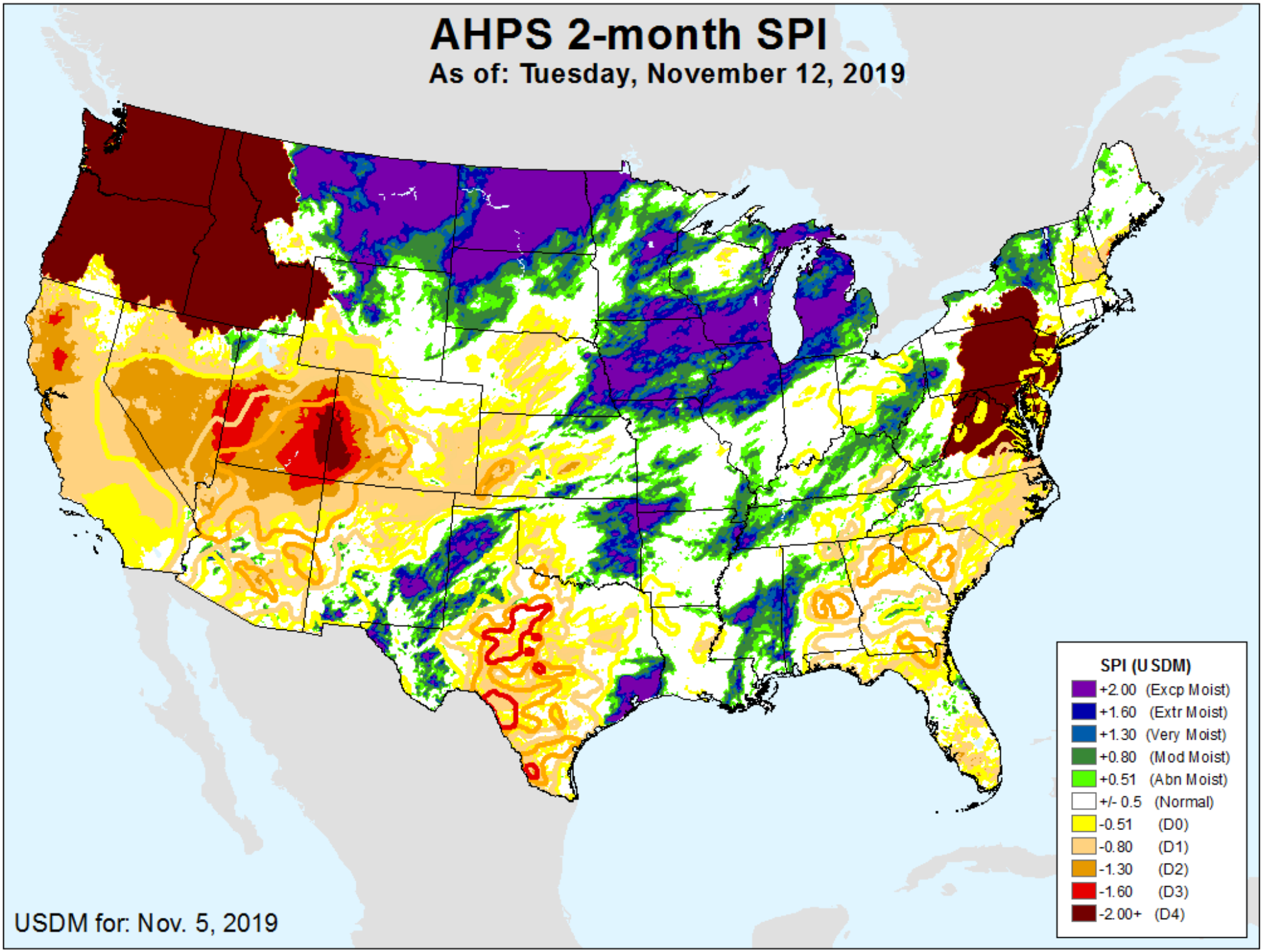
AHPS 1-month SPI

As of: Tuesday, November 12, 2019



AHPS 2-month SPI

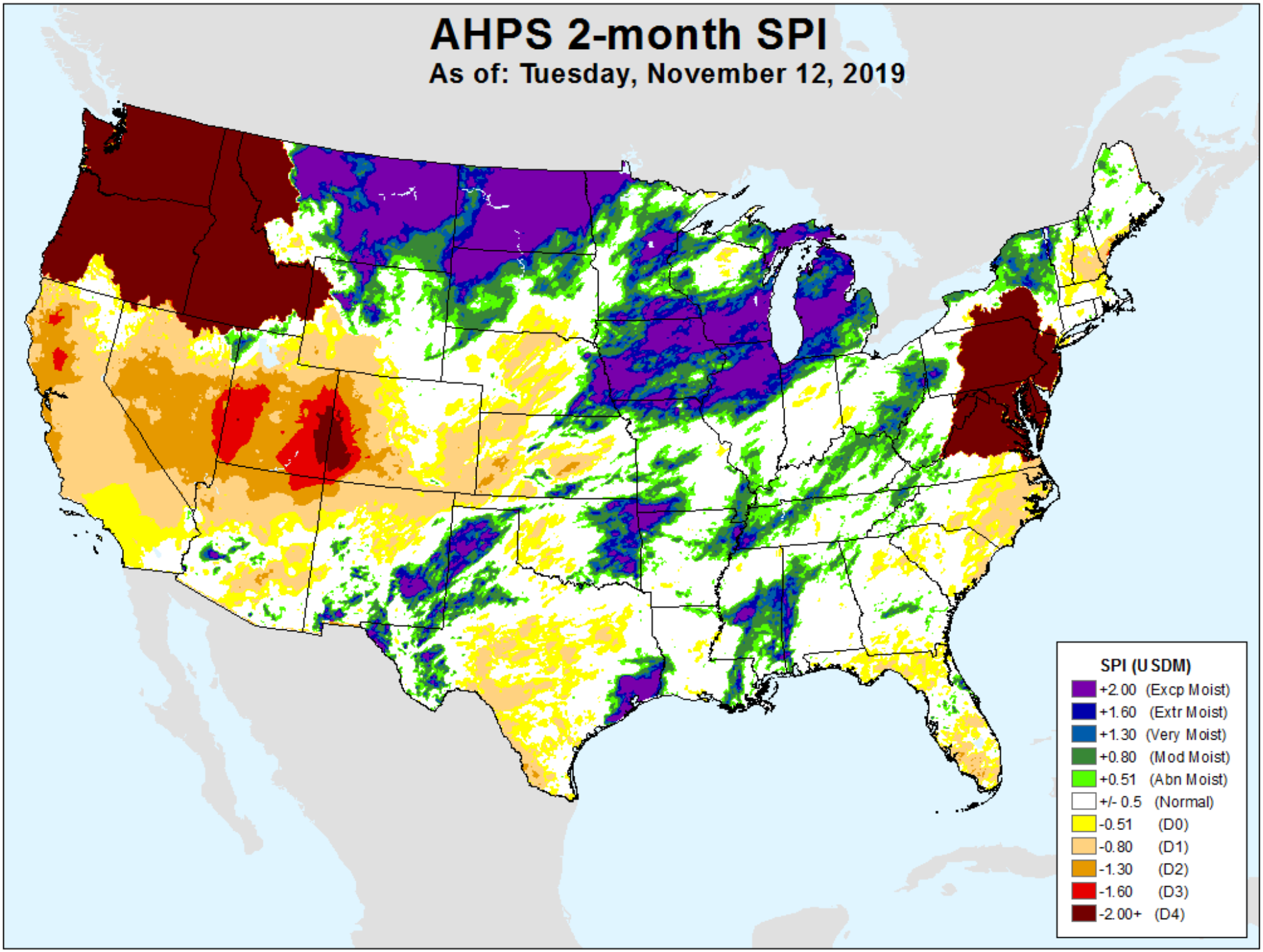
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

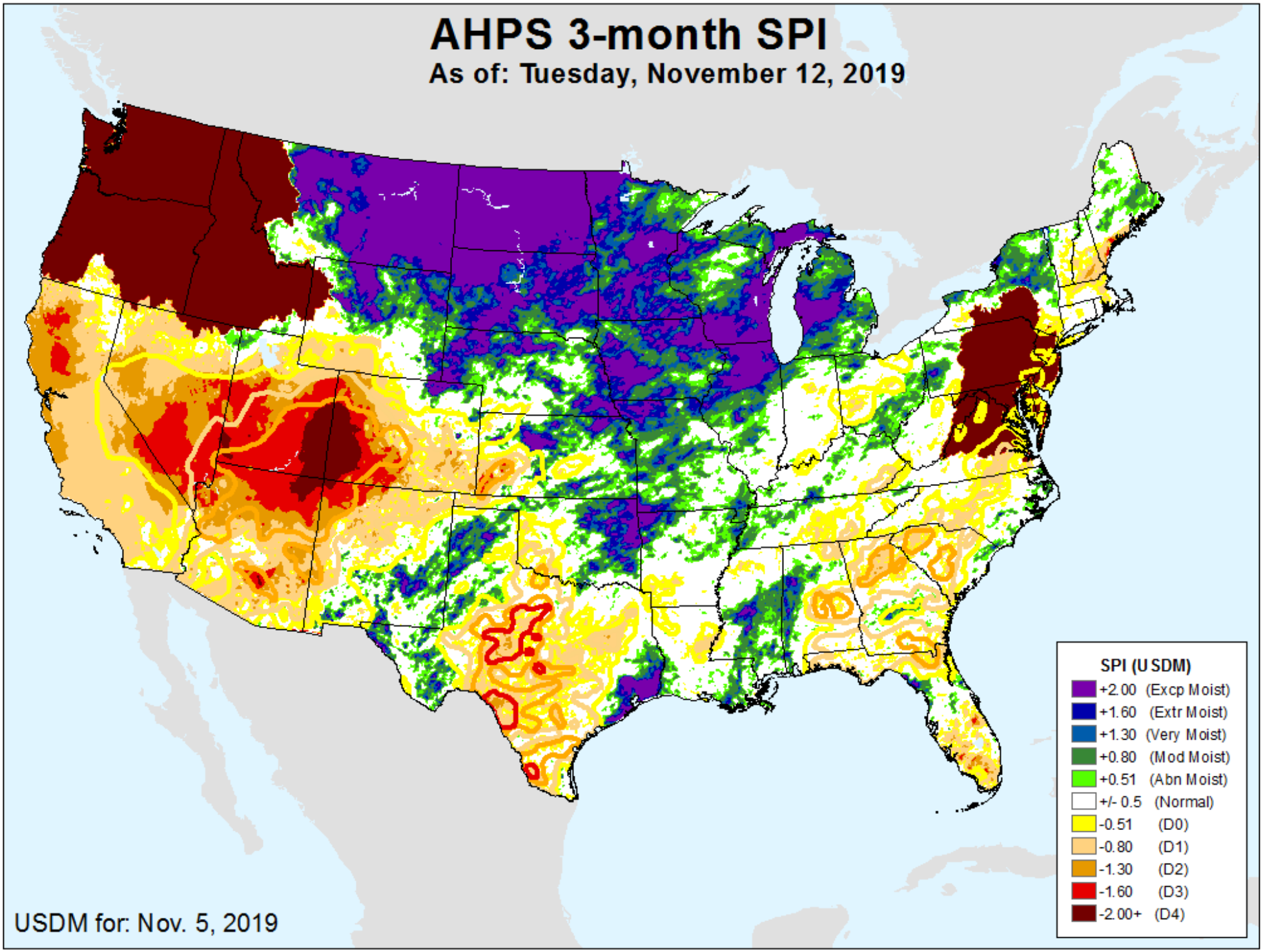
AHPS 2-month SPI

As of: Tuesday, November 12, 2019



AHPS 3-month SPI

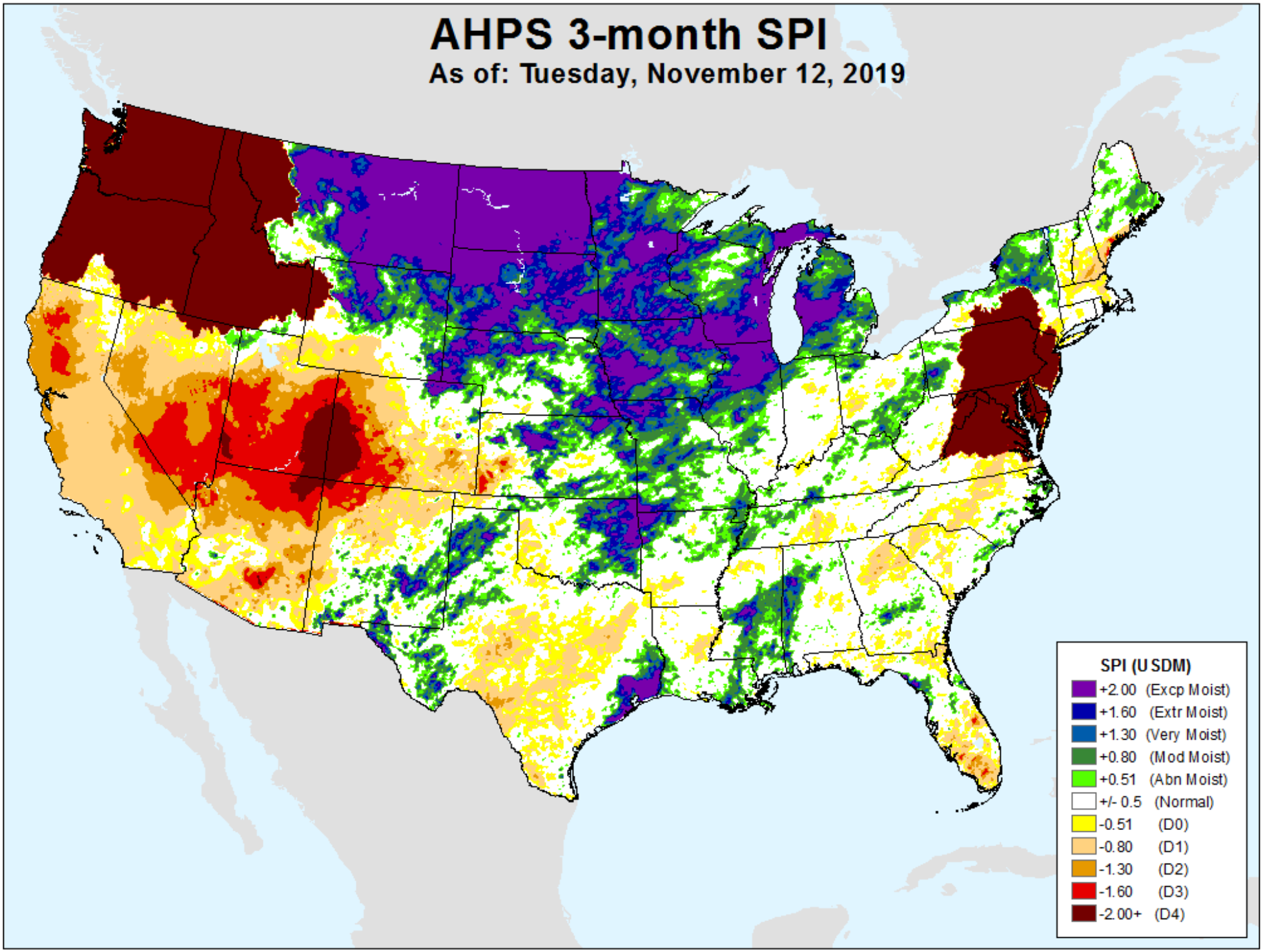
As of: Tuesday, November 12, 2019

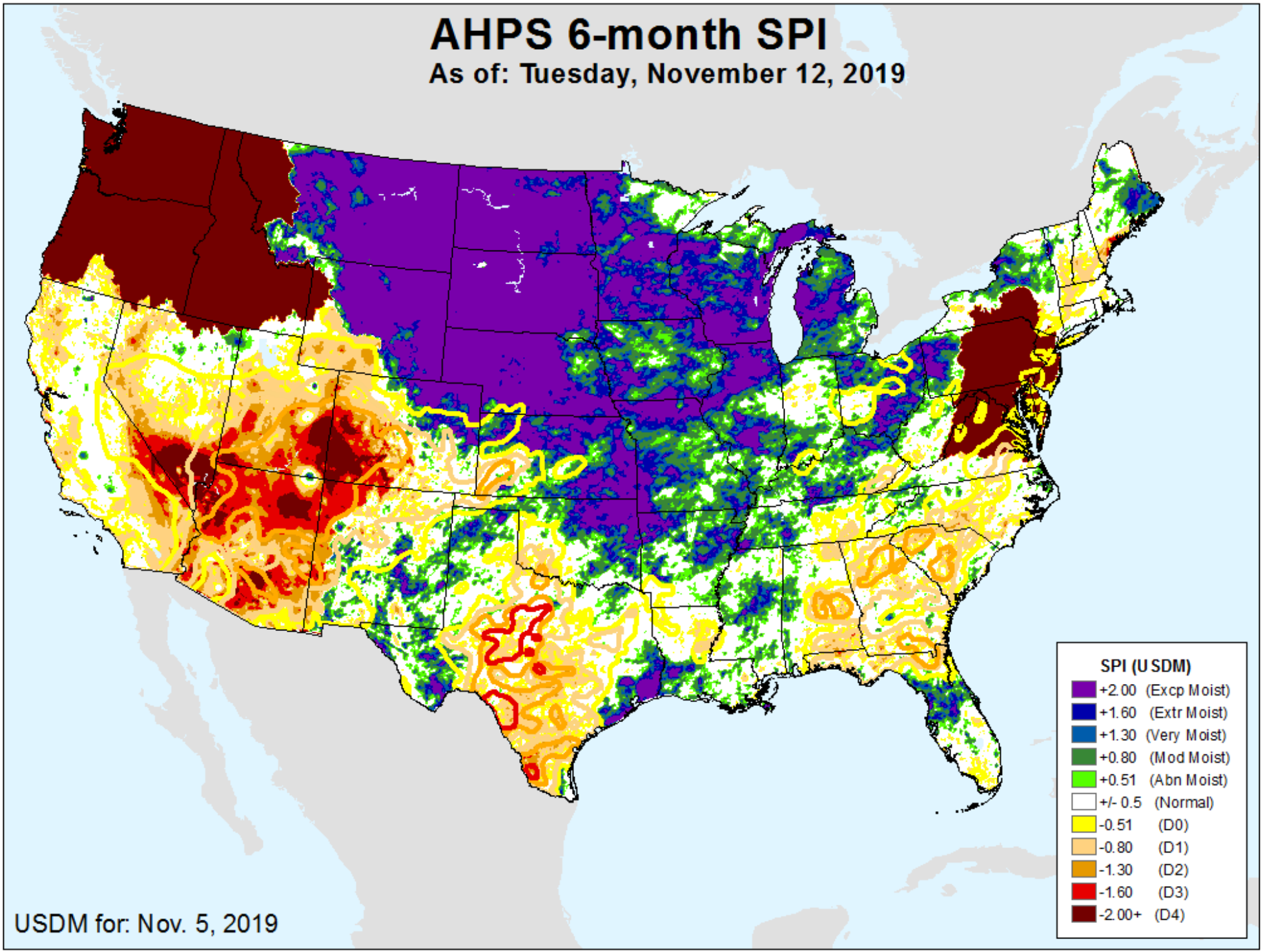


USDM for: Nov. 5, 2019

AHPS 3-month SPI

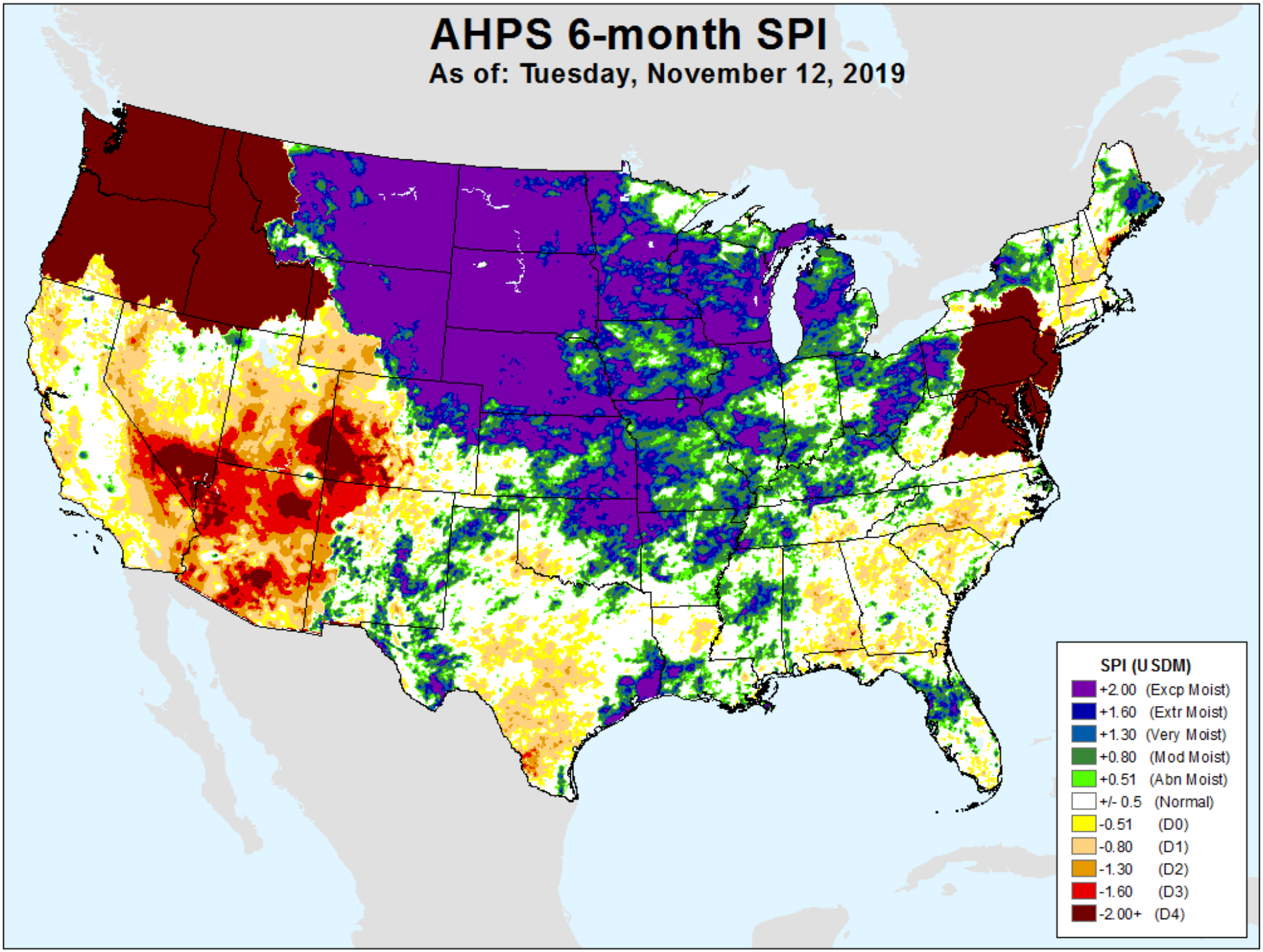
As of: Tuesday, November 12, 2019




AHPS 6-month SPI
As of: Tuesday, November 12, 2019
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. 5, 2019

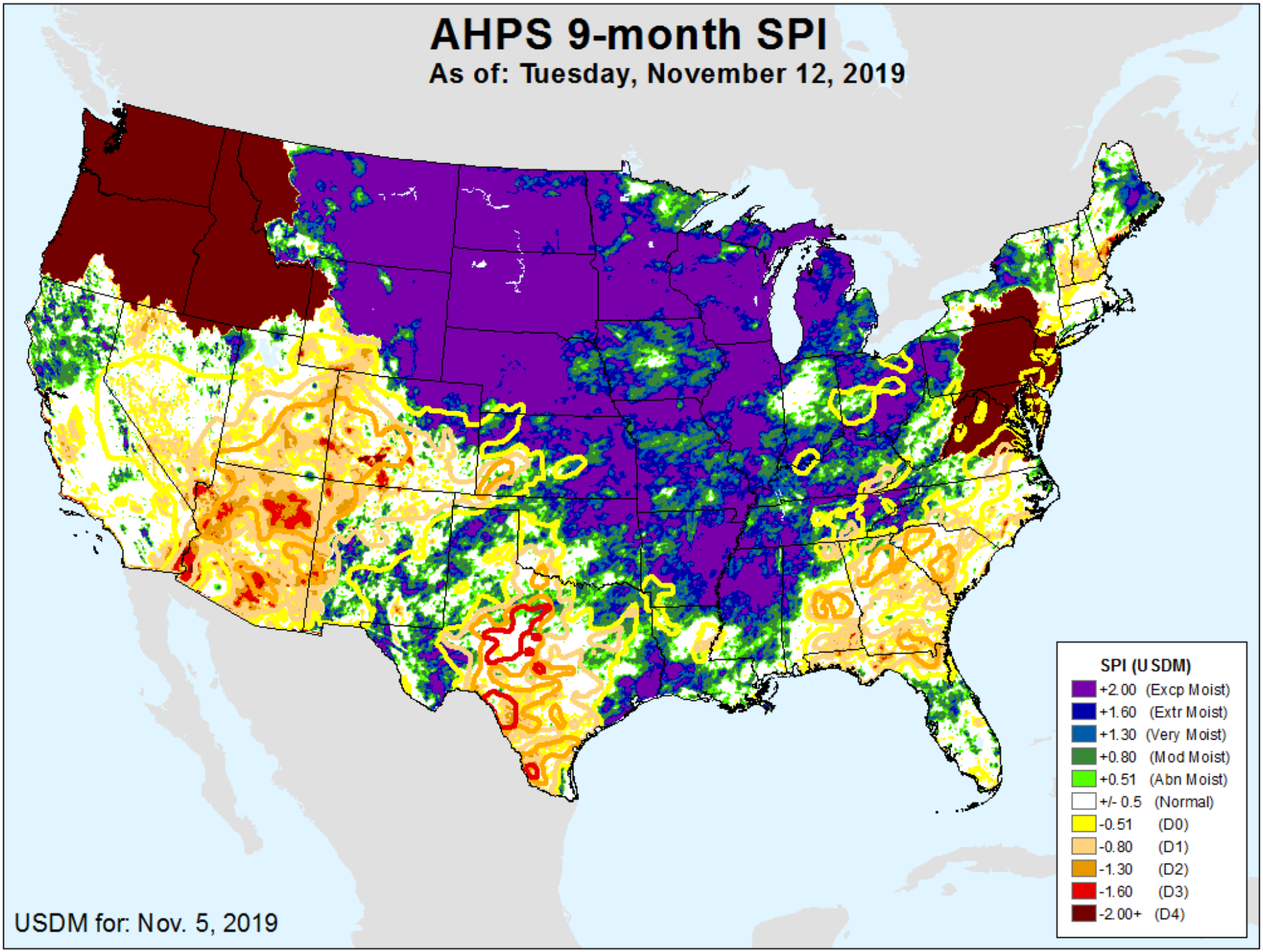
AHPS 6-month SPI

As of: Tuesday, November 12, 2019



AHPS 9-month SPI

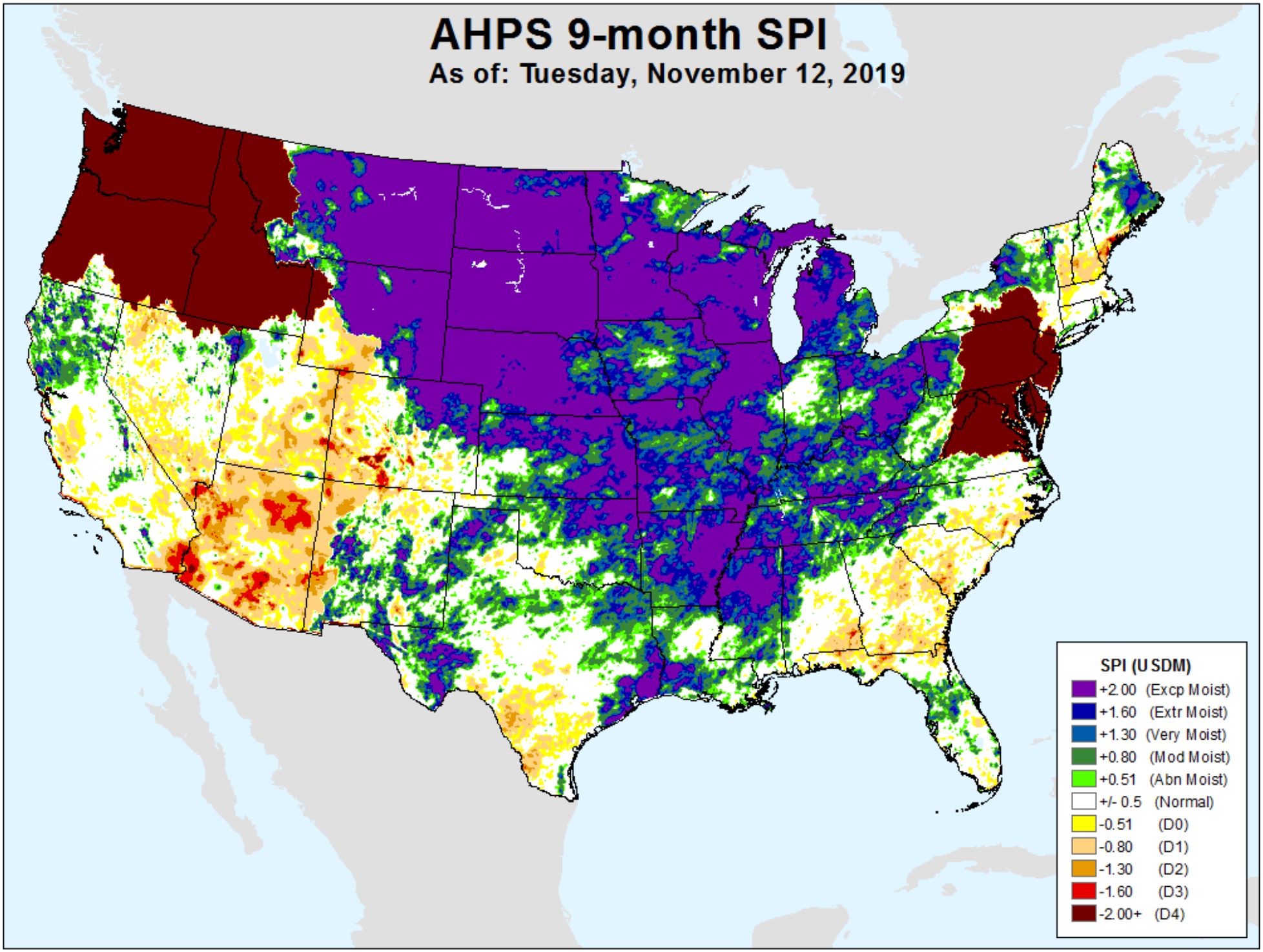
As of: Tuesday, November 12, 2019

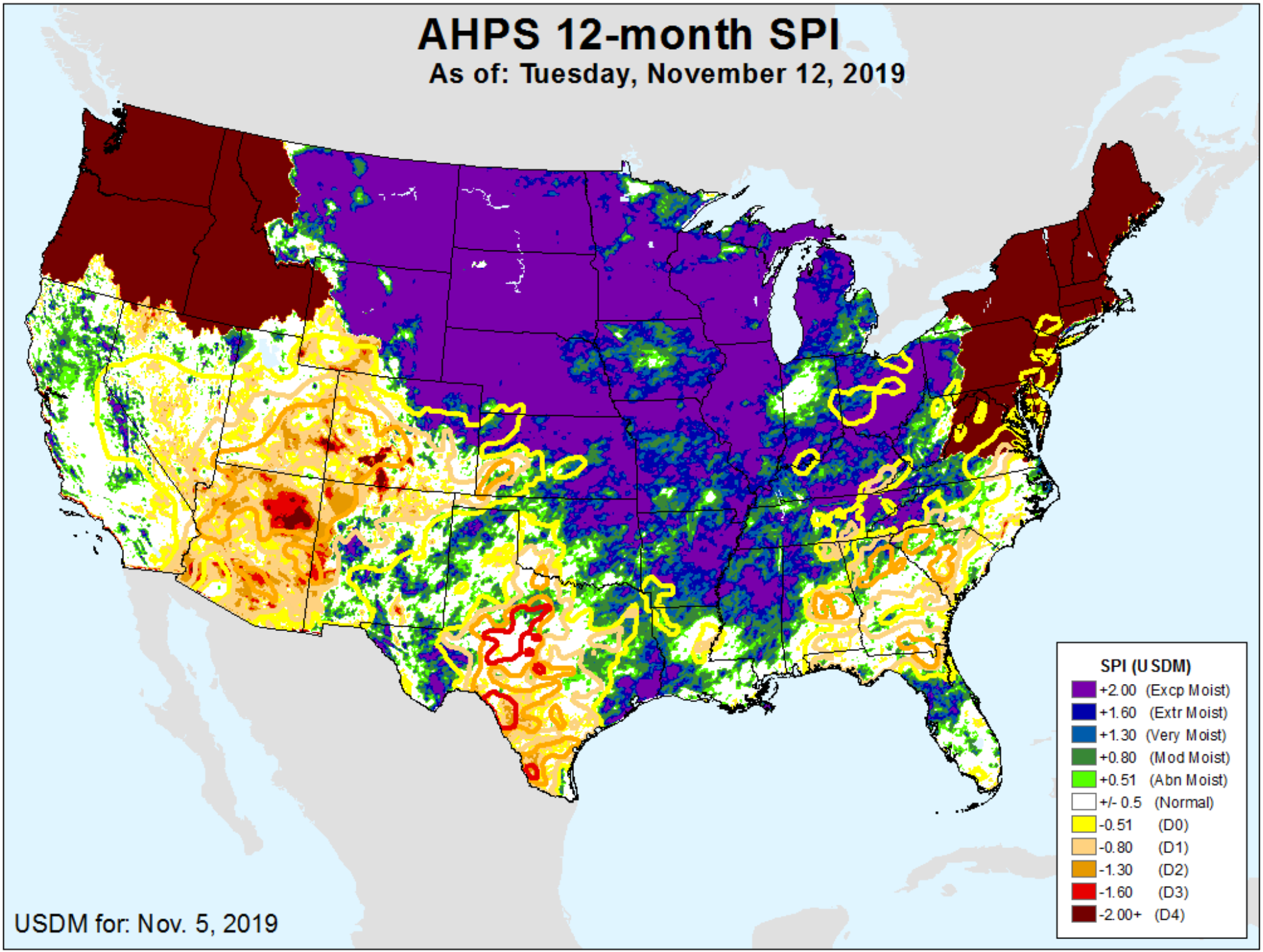


USDM for: Nov. 5, 2019

AHPS 9-month SPI

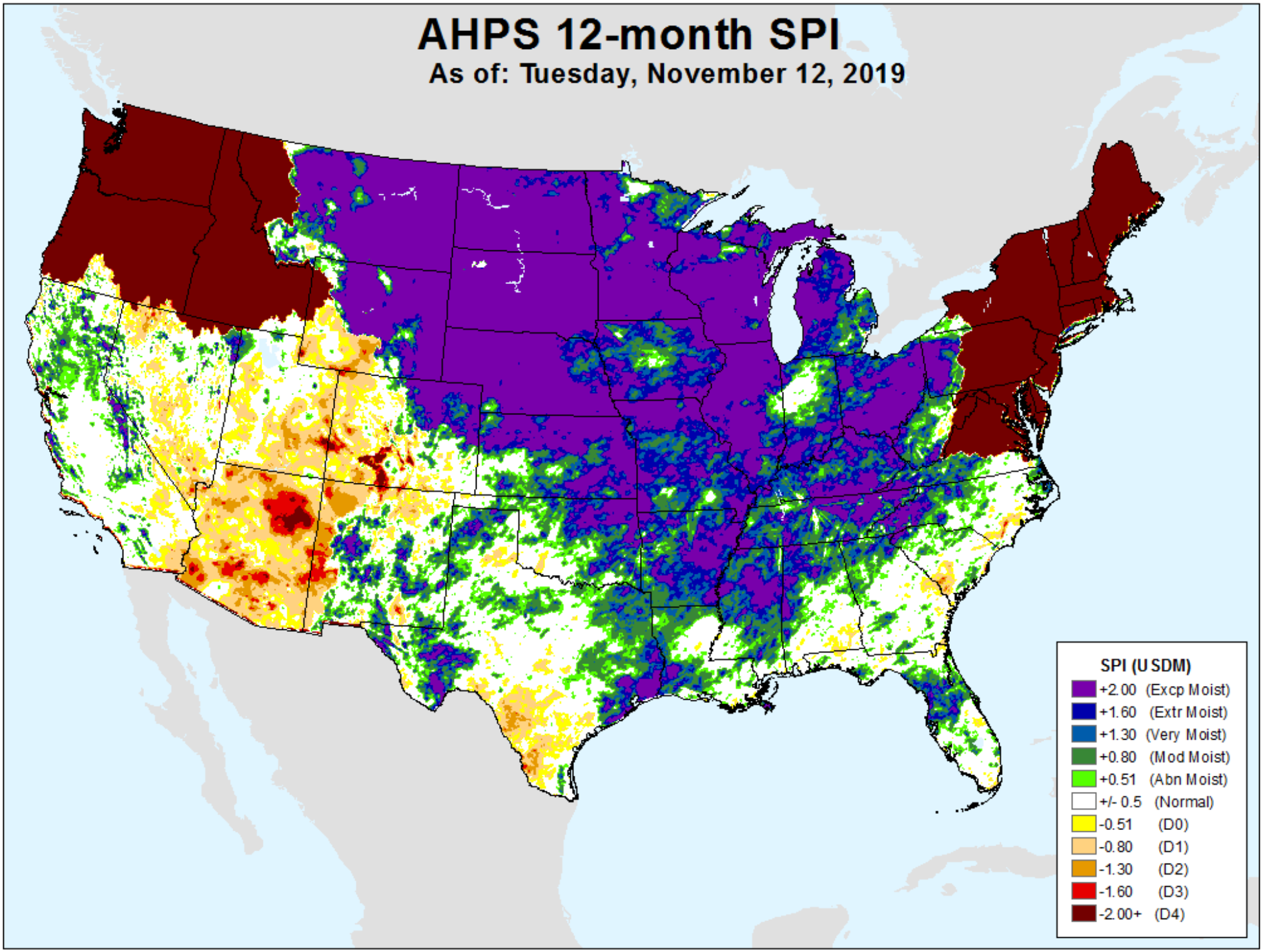
As of: Tuesday, November 12, 2019

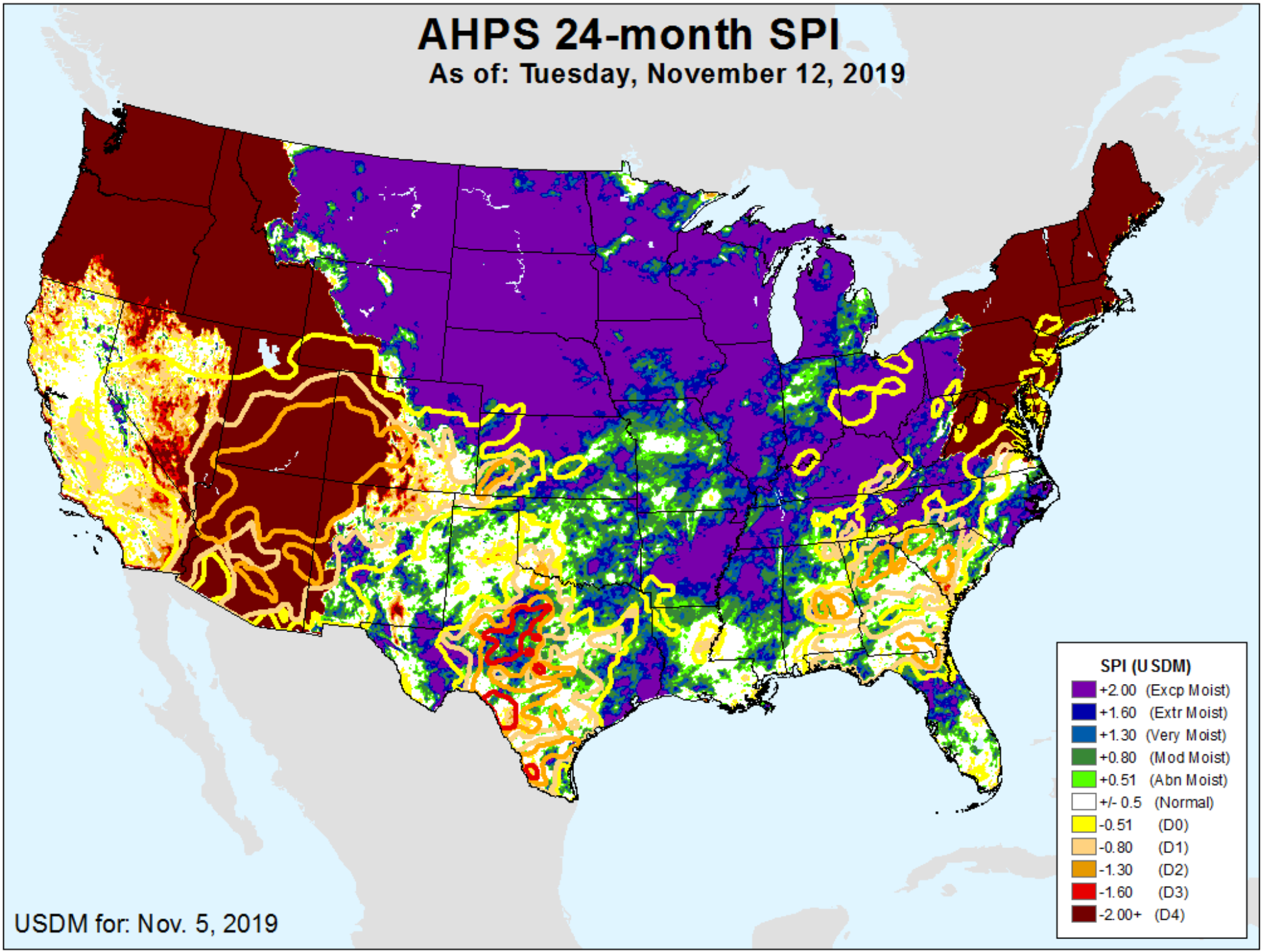



AHPS 12-month SPI
As of: Tuesday, November 12, 2019
SPI (USDM)
+2.00 (Excp Moist)
+1.60 (Extr Moist)
+1.30 (Very Moist)
+0.80 (Mod Moist)
+0.51 (Abn Moist)
+/- 0.5 (Normal)
-0.51 (D0)
-0.80 (D1)
-1.30 (D2)
-1.60 (D3)
-2.00+ (D4)
USDM for: Nov. 5, 2019

AHPS 12-month SPI

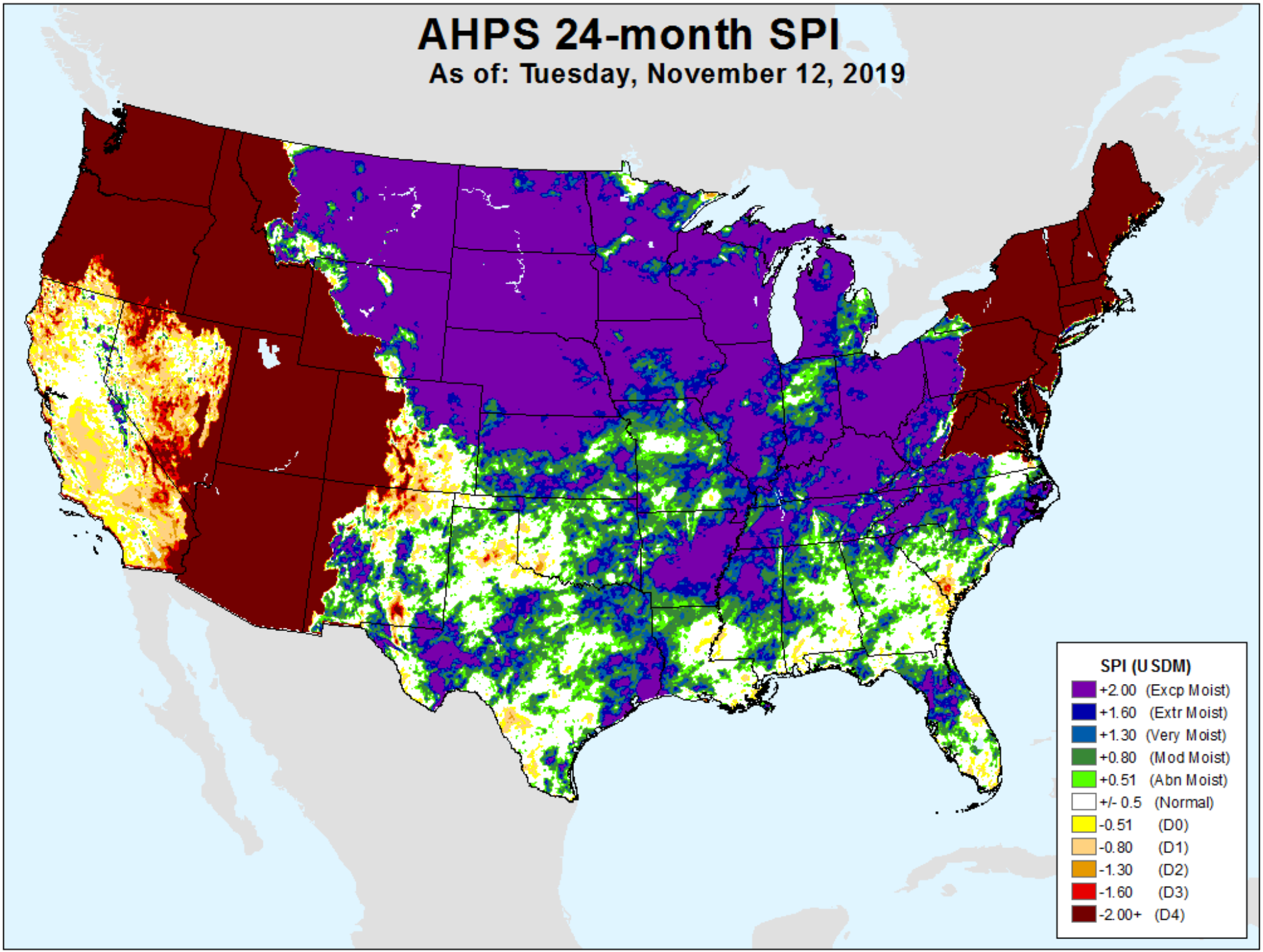
As of: Tuesday, November 12, 2019

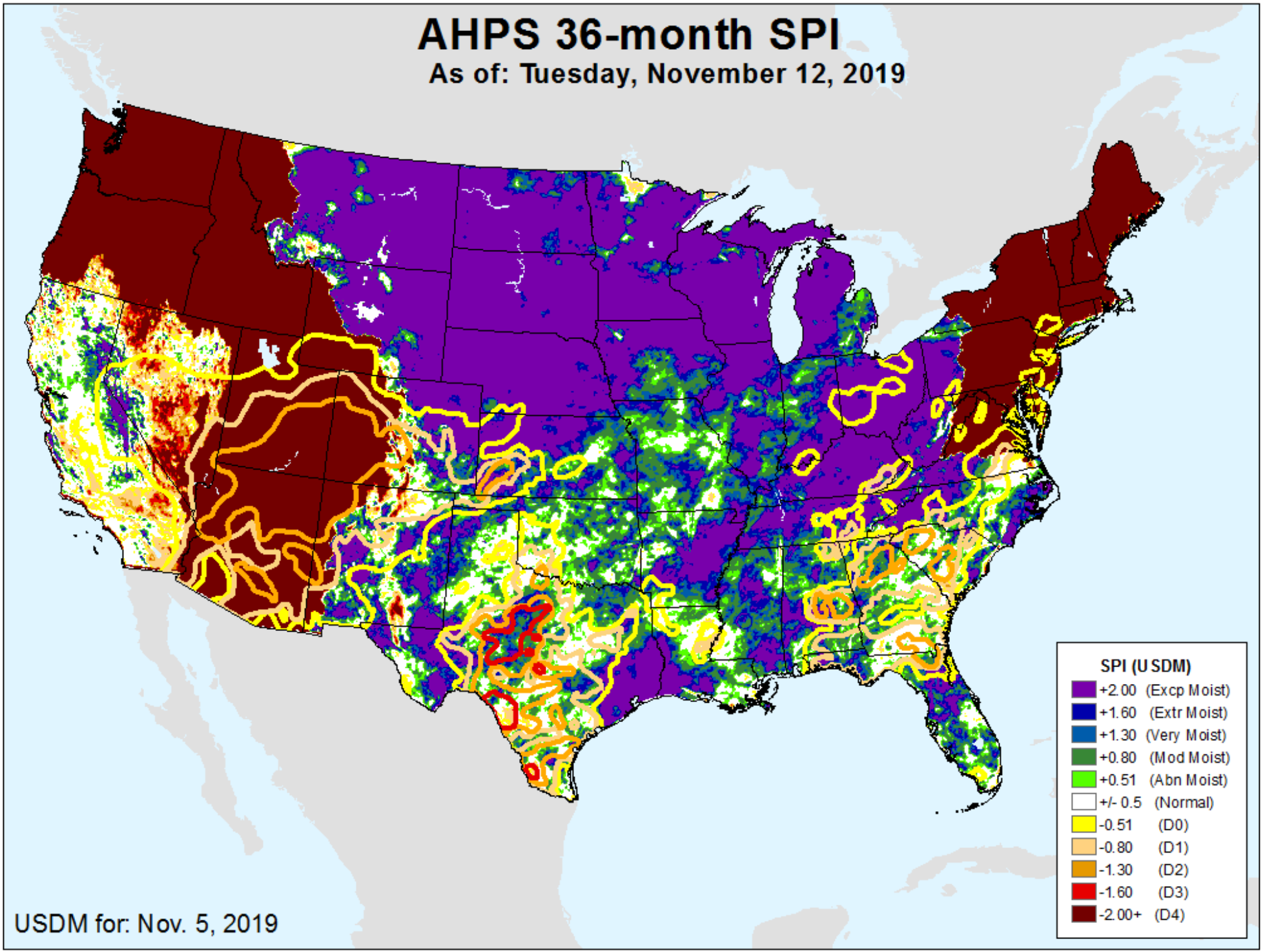



AHPS 24-month SPI
As of: Tuesday, November 12, 2019
SPI (USDM)
+2.00 (Excp Moist)
+1.60 (Extr Moist)
+1.30 (Very Moist)
+0.80 (Mod Moist)
+0.51 (Abn Moist)
+/- 0.5 (Normal)
-0.51 (D0)
-0.80 (D1)
-1.30 (D2)
-1.60 (D3)
-2.00+ (D4)
USDM for: Nov. 5, 2019

AHPS 24-month SPI

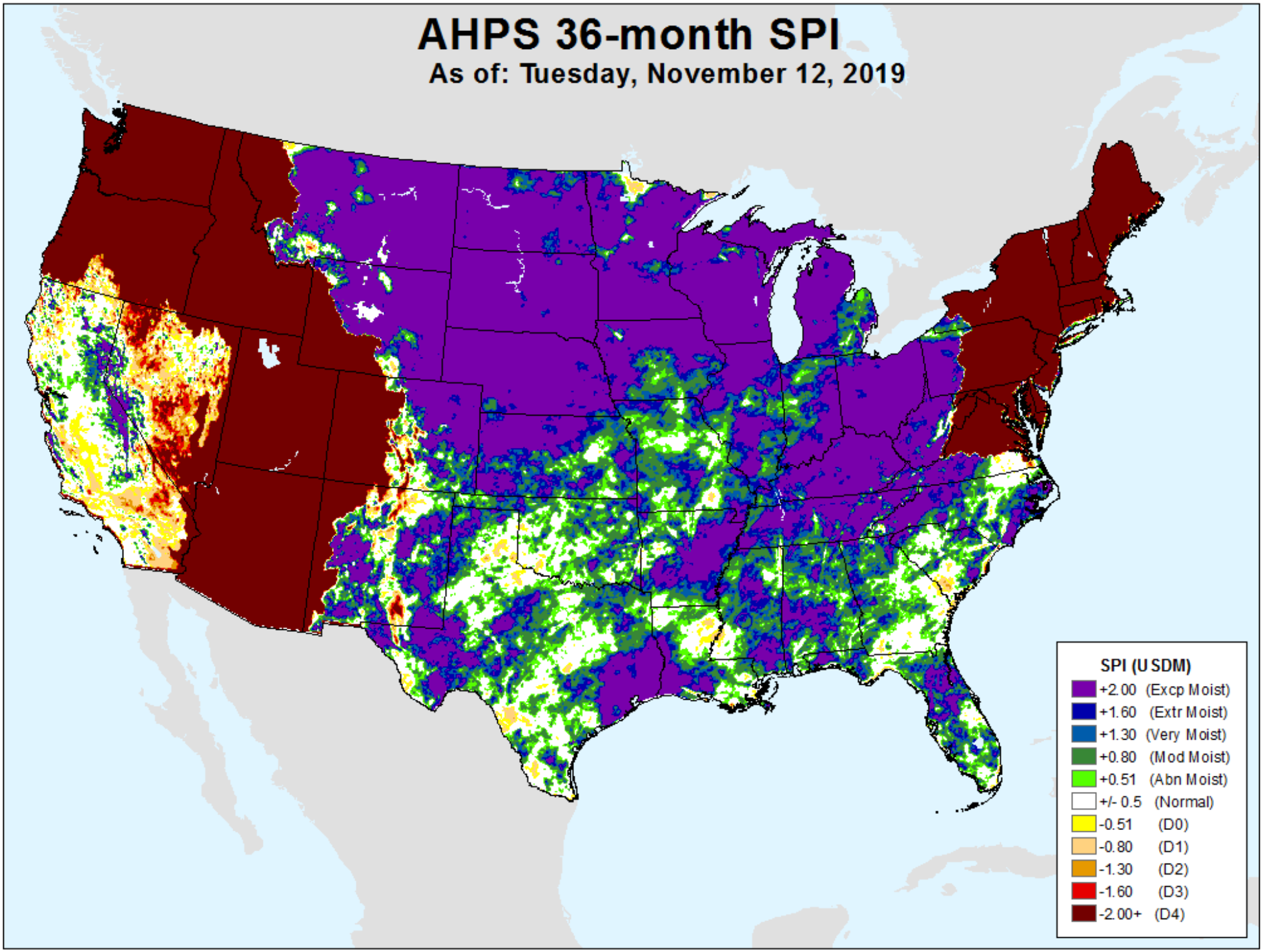
As of: Tuesday, November 12, 2019




AHPS 36-month SPI
As of: Tuesday, November 12, 2019
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. 5, 2019

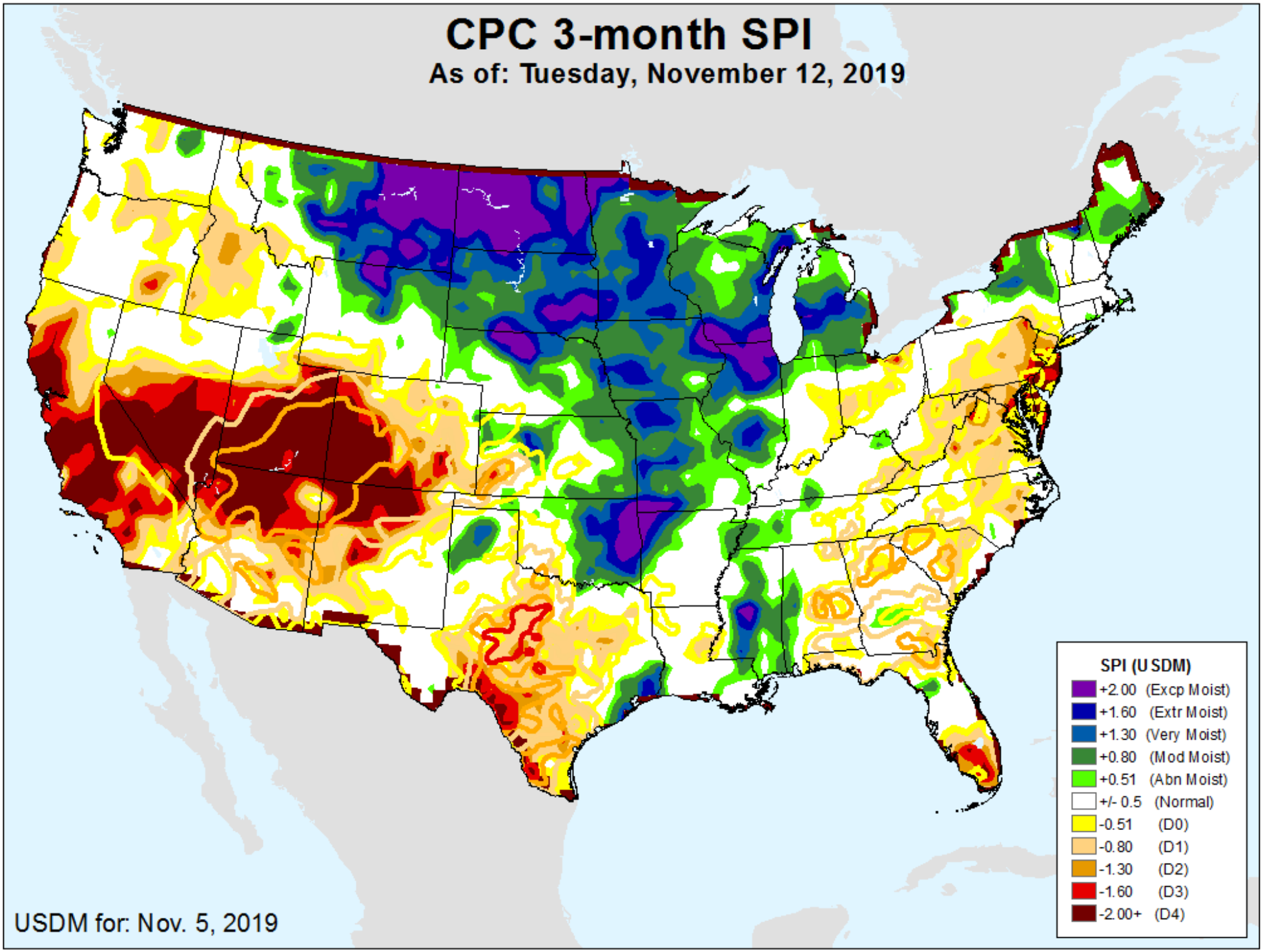
AHPS 36-month SPI

As of: Tuesday, November 12, 2019



CPC 3-month SPI

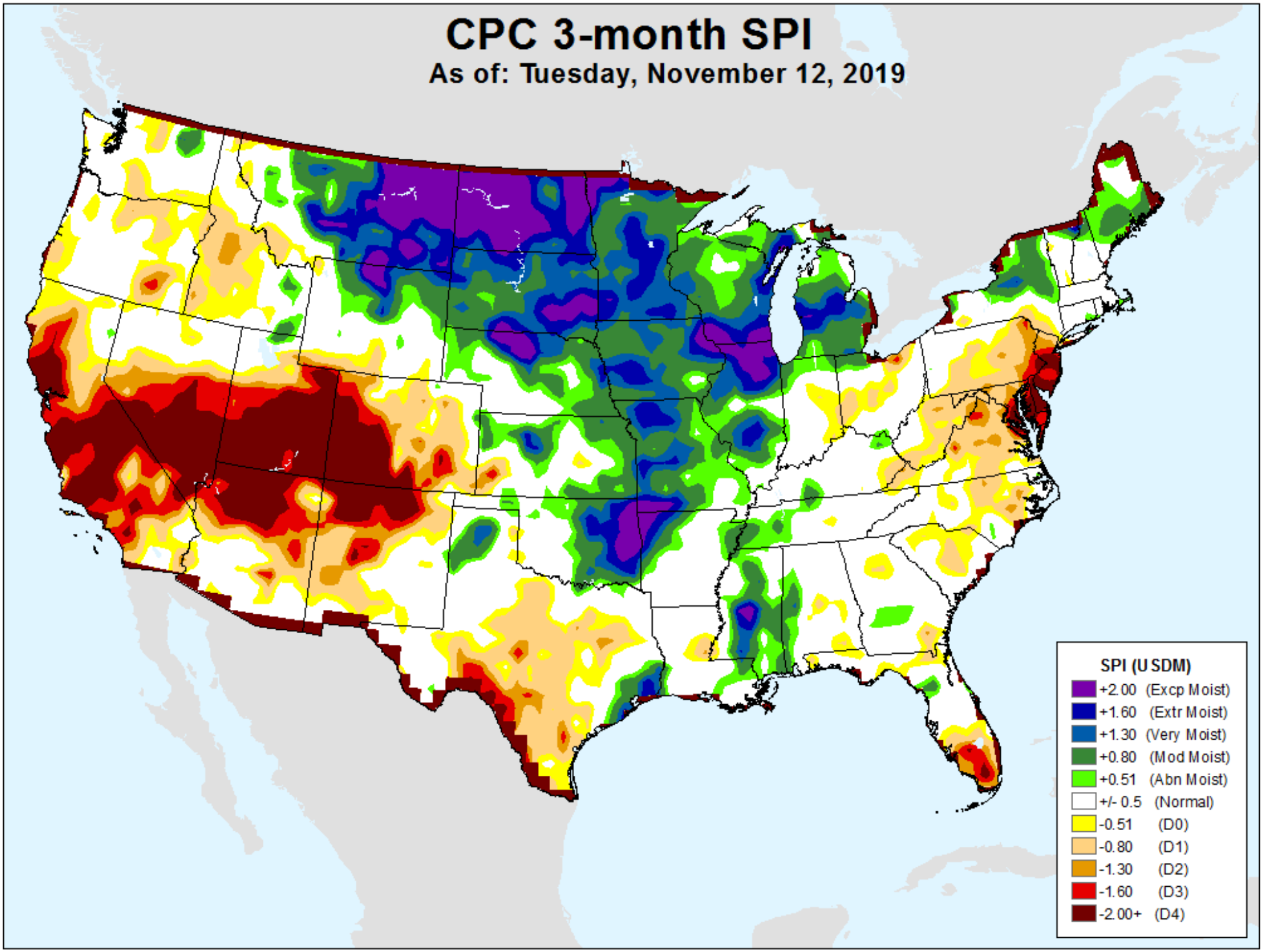
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

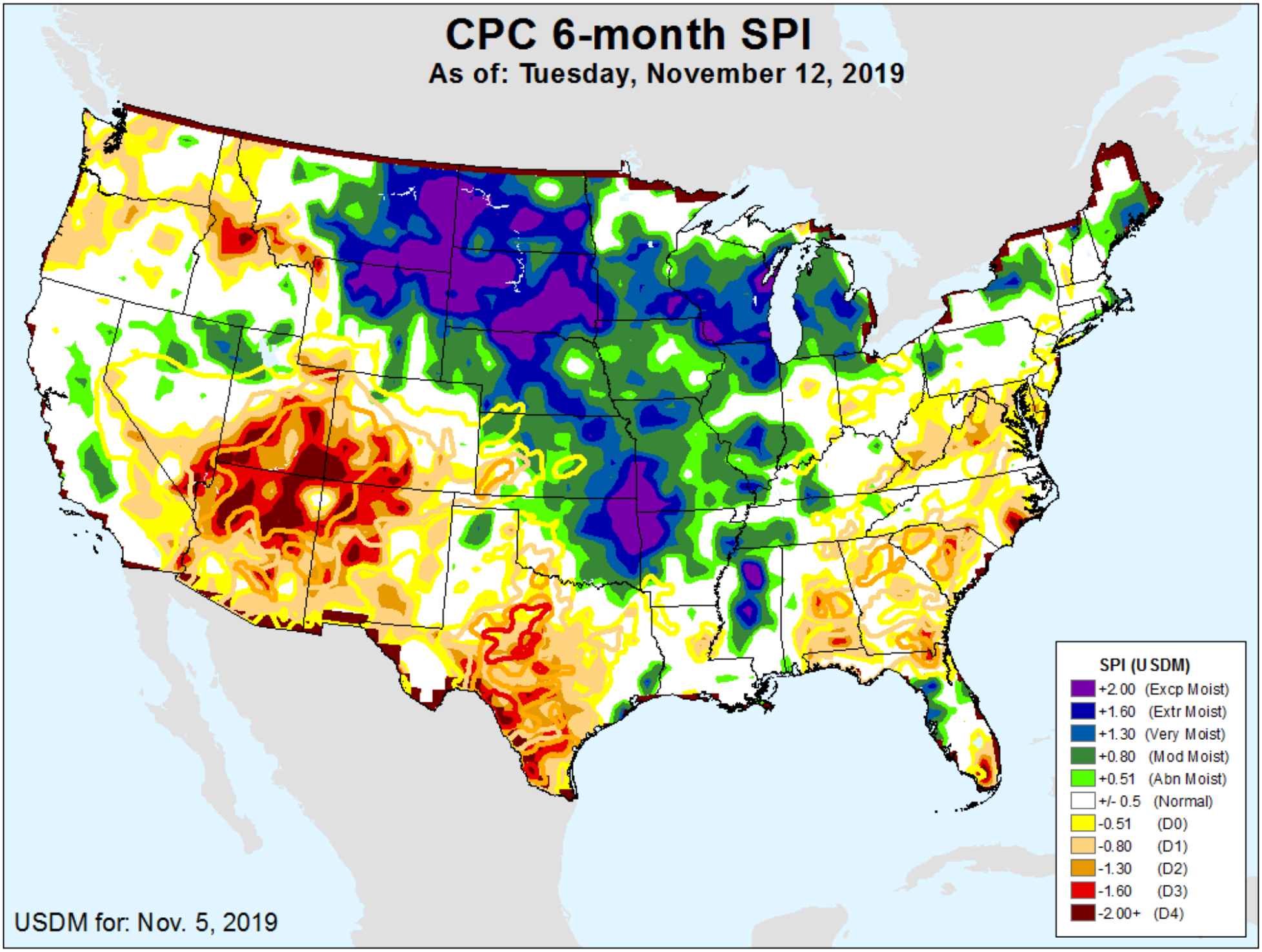
CPC 3-month SPI

As of: Tuesday, November 12, 2019



CPC 6-month SPI

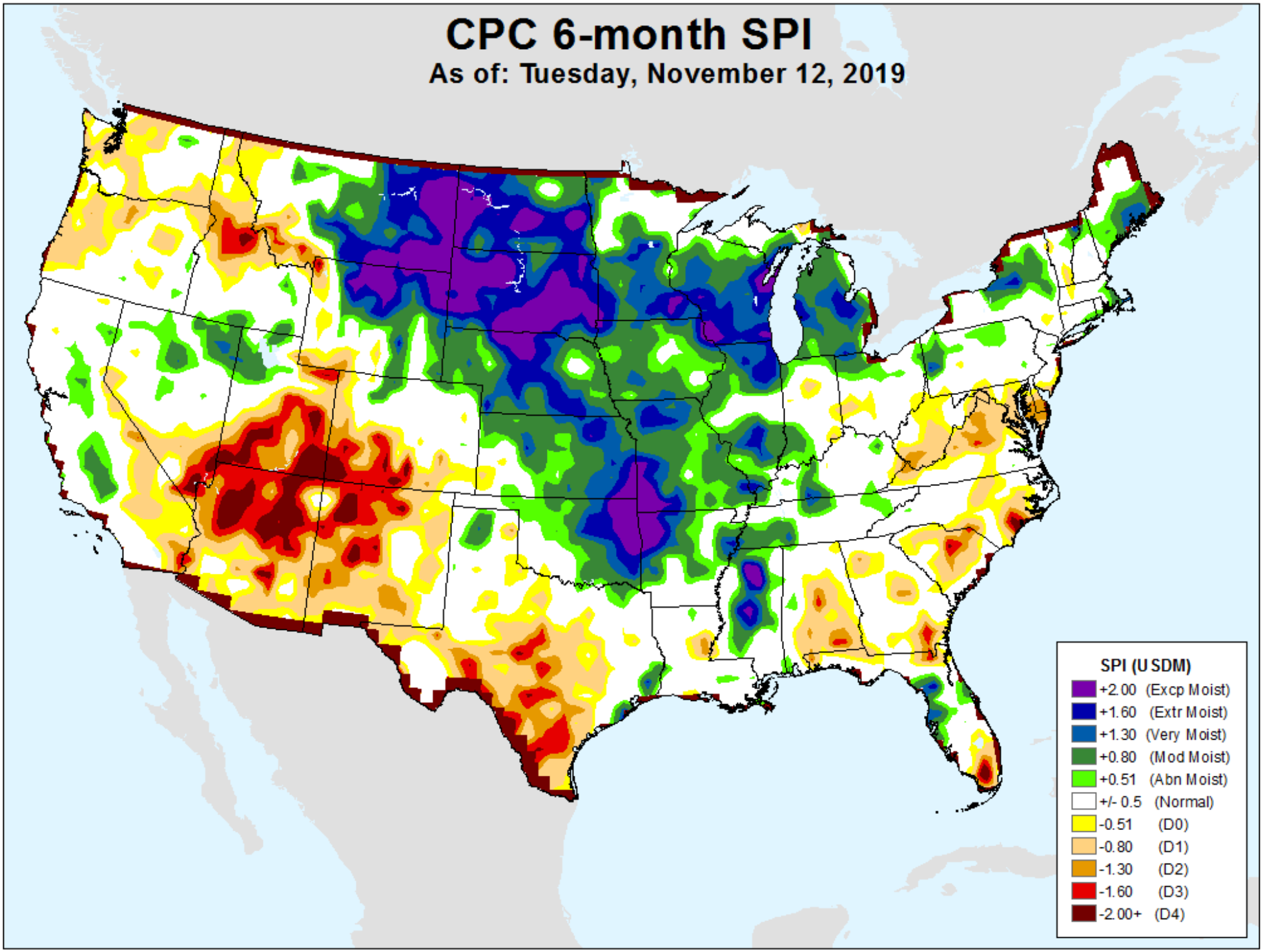
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

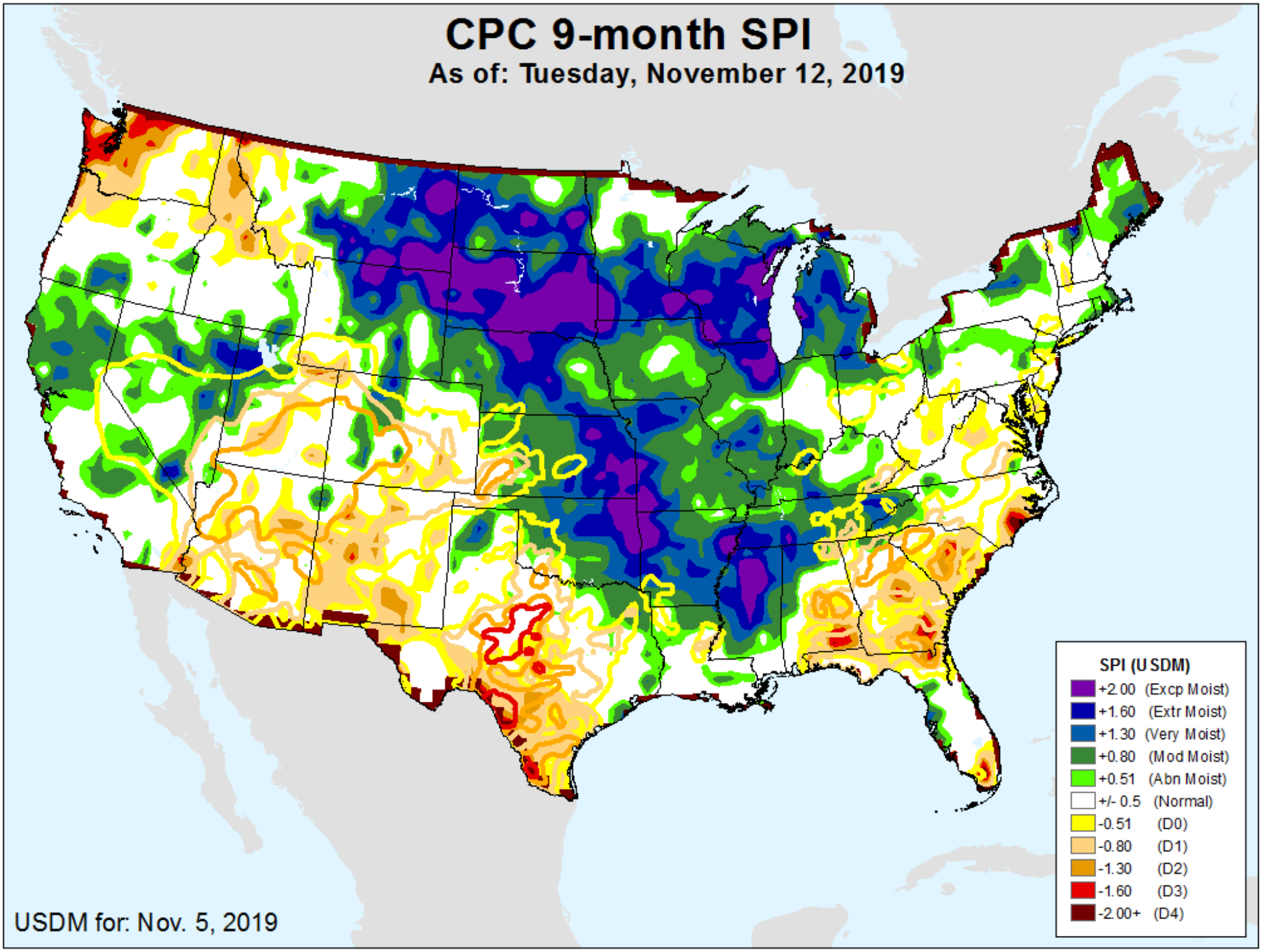
CPC 6-month SPI

As of: Tuesday, November 12, 2019



CPC 9-month SPI

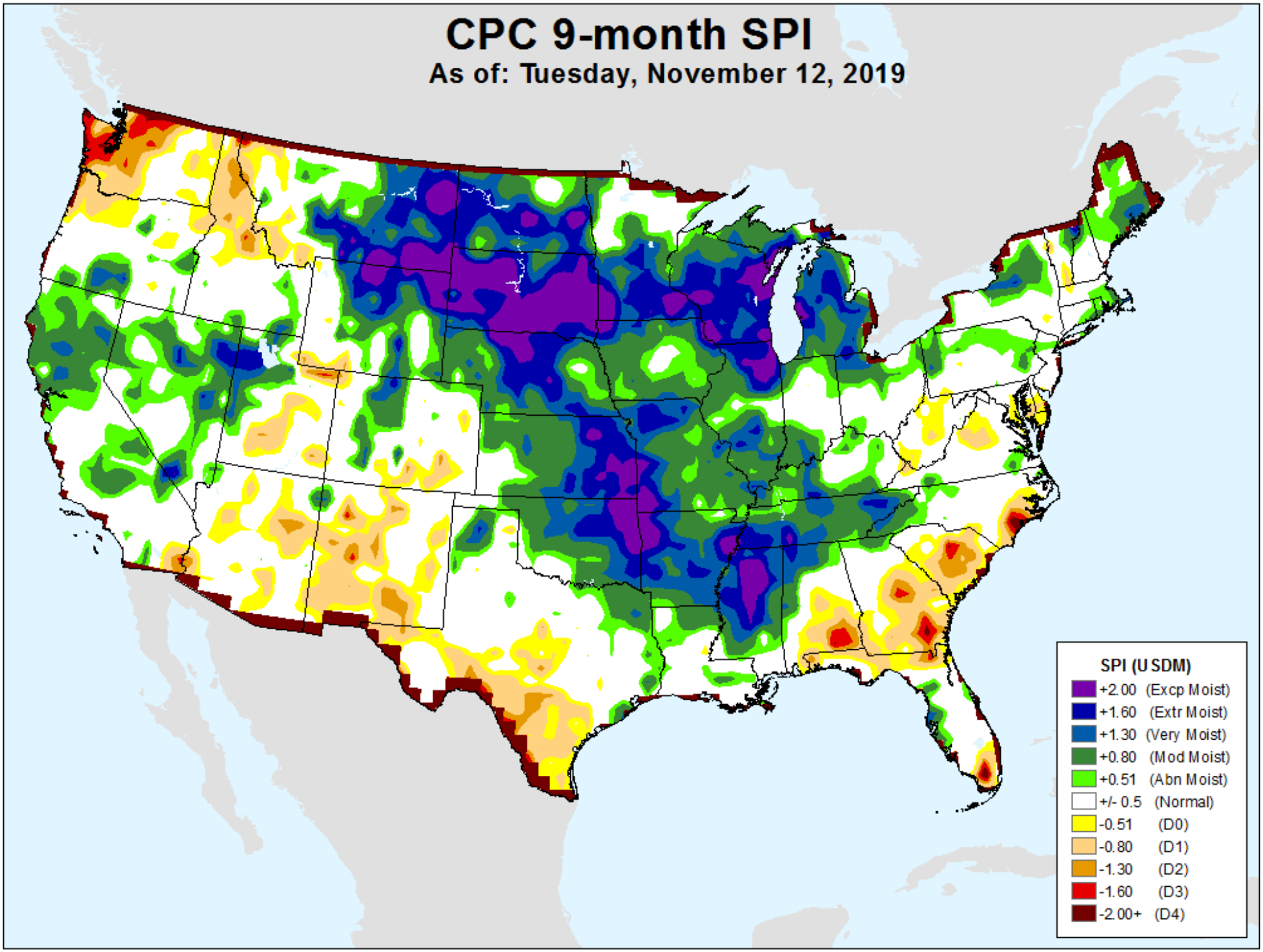
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

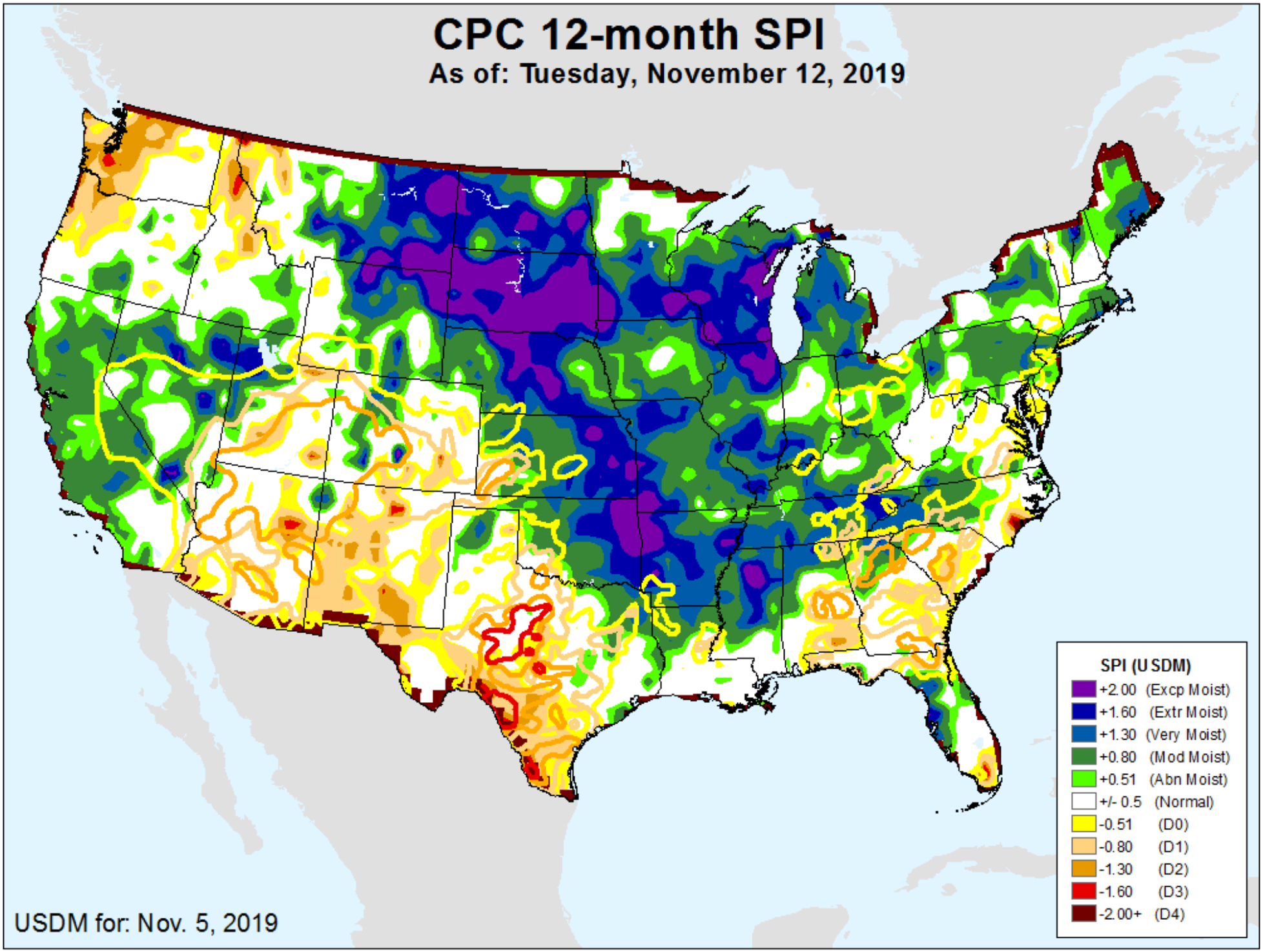
CPC 9-month SPI

As of: Tuesday, November 12, 2019



CPC 12-month SPI

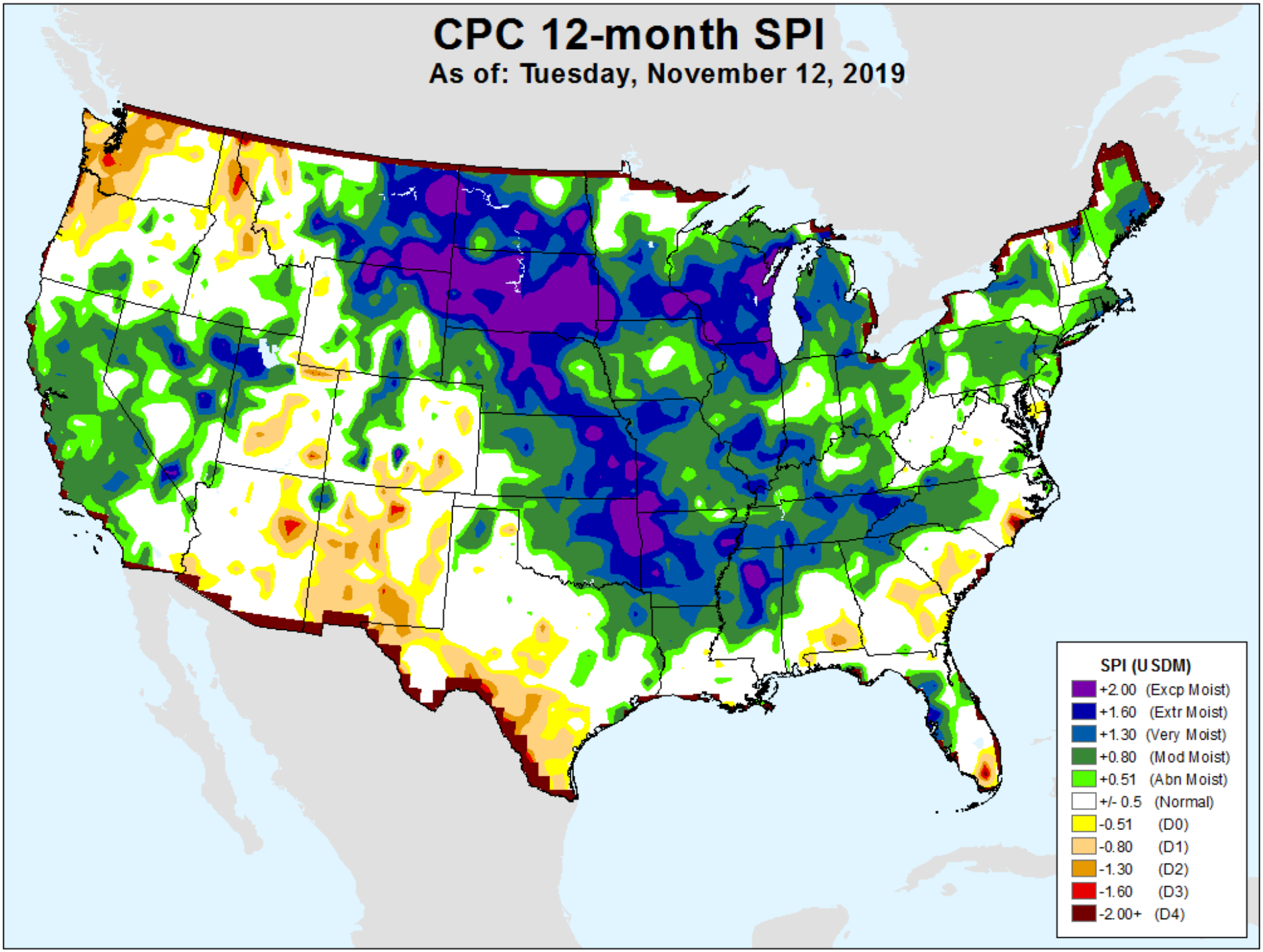
As of: Tuesday, November 12, 2019

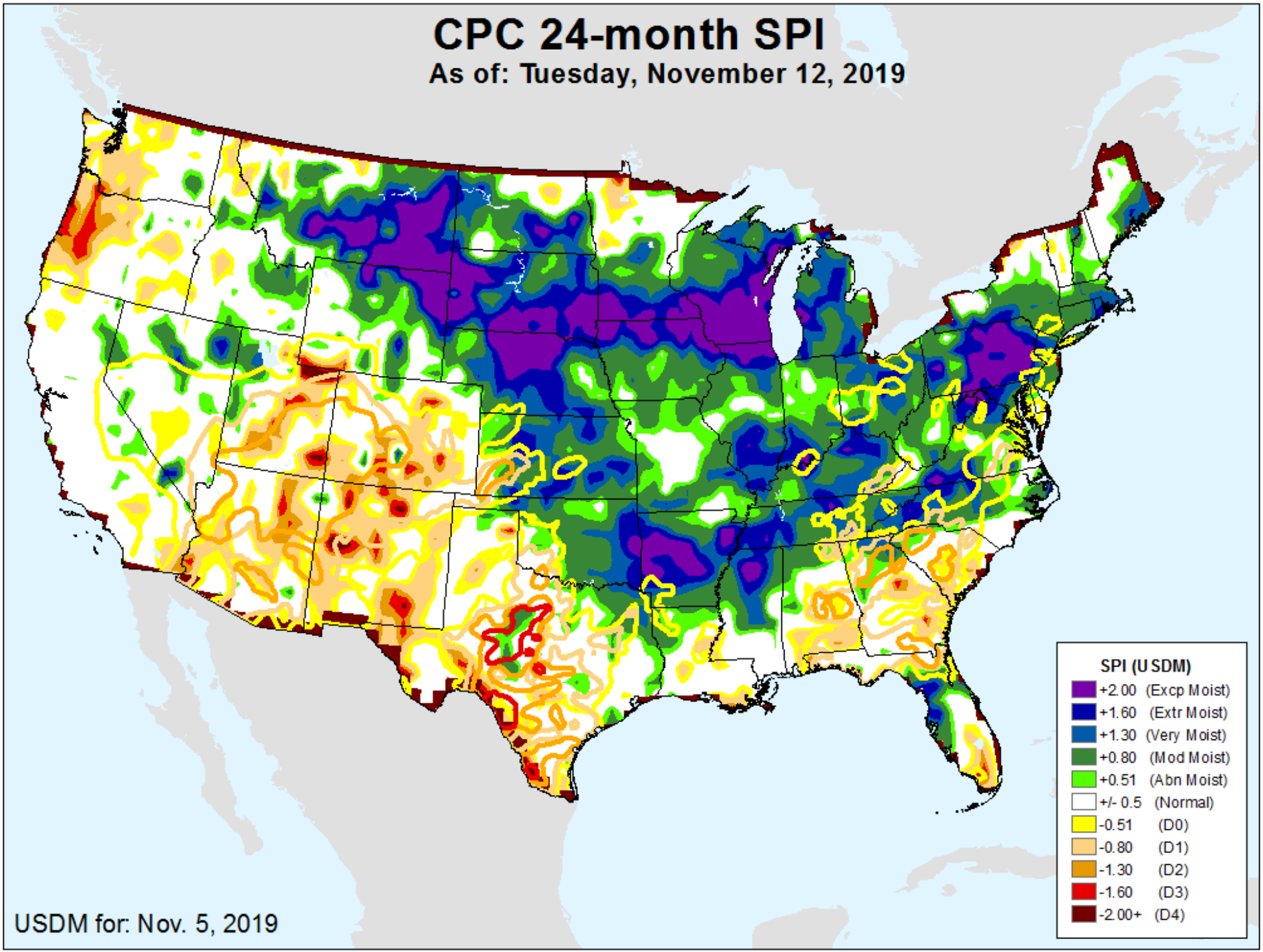


USDM for: Nov. 5, 2019

CPC 12-month SPI

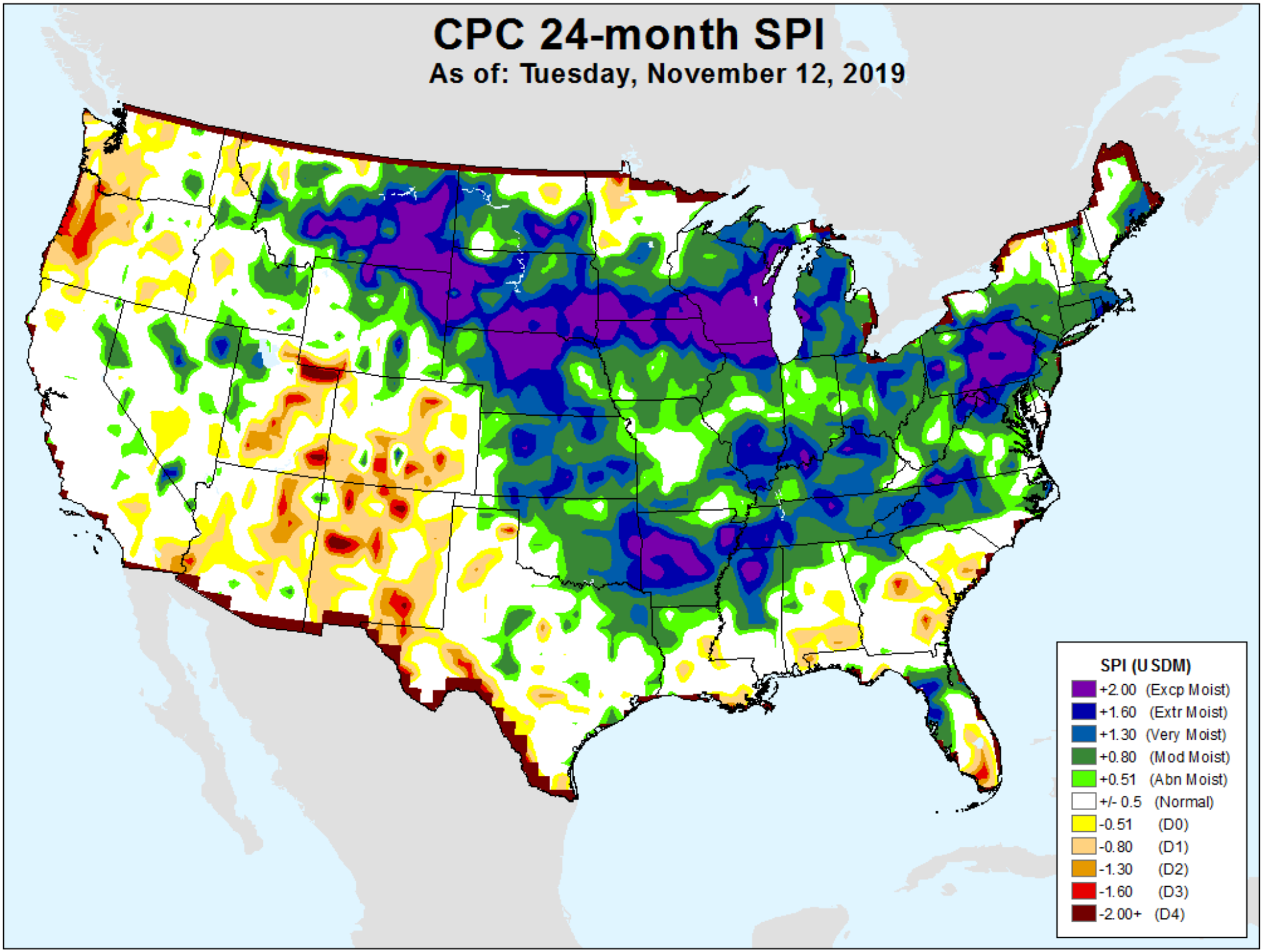
As of: Tuesday, November 12, 2019




CPC 24-month SPI
As of: Tuesday, November 12, 2019
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. 5, 2019

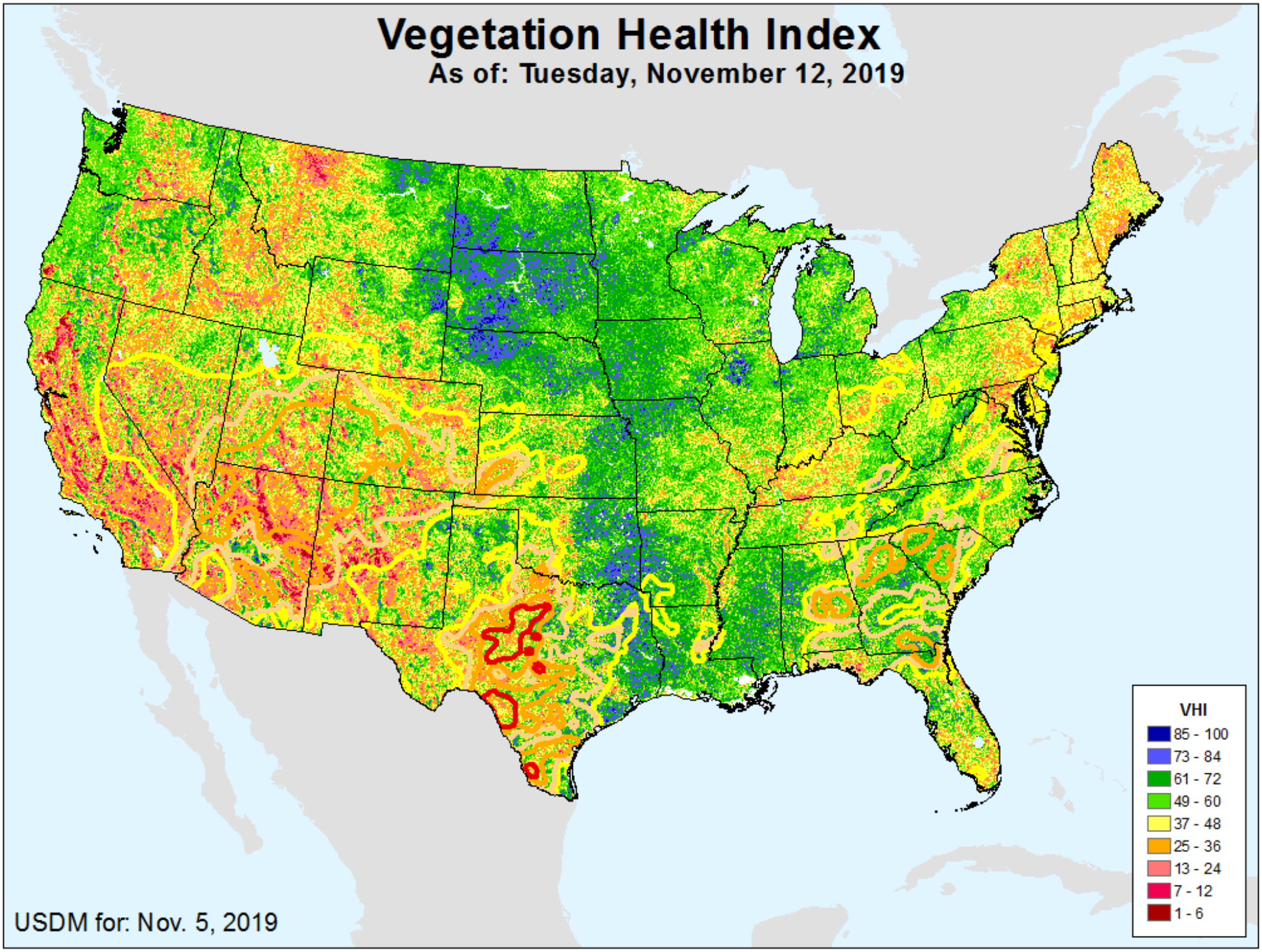
CPC 24-month SPI

As of: Tuesday, November 12, 2019



Vegetation Health Index

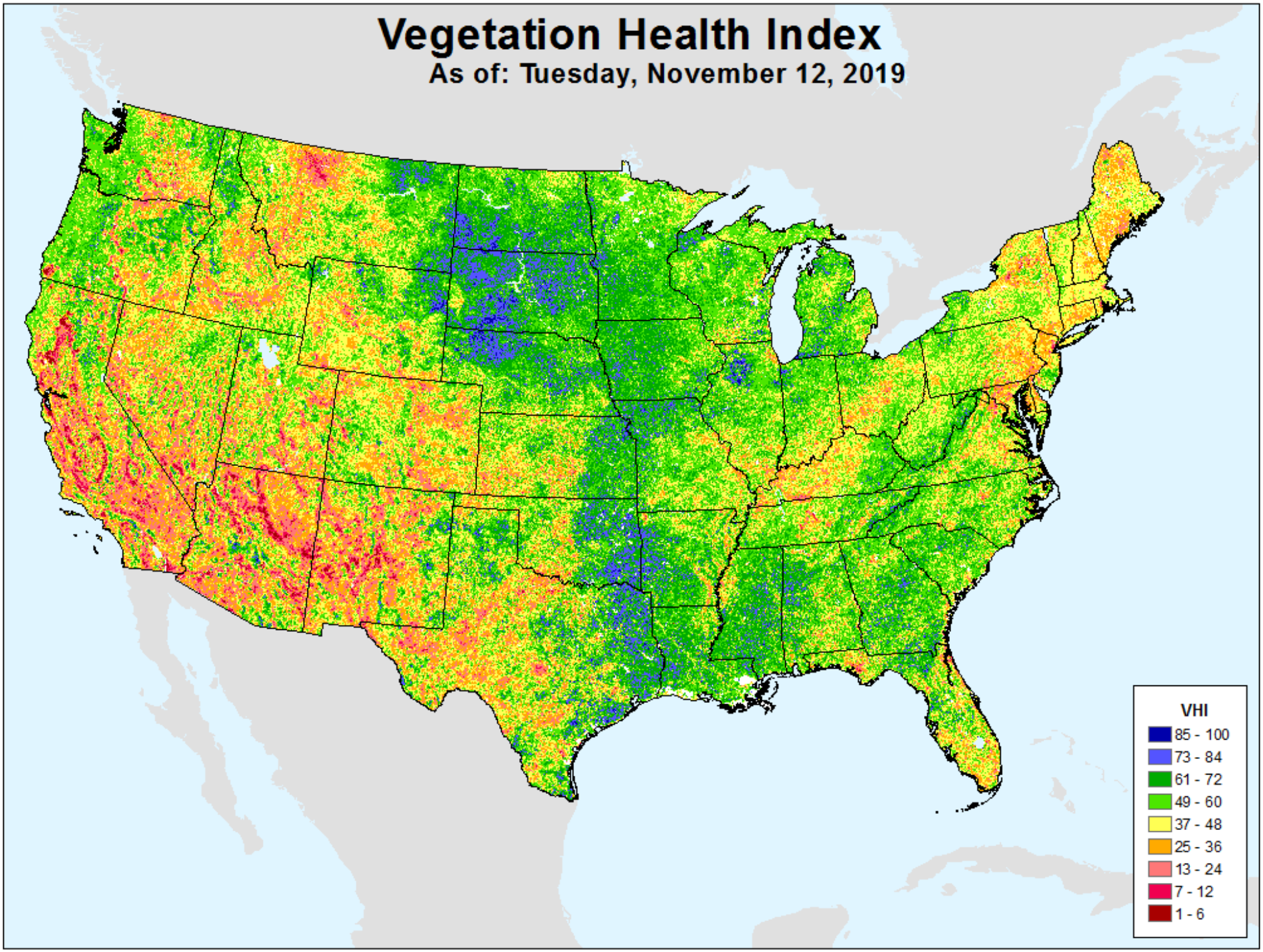
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

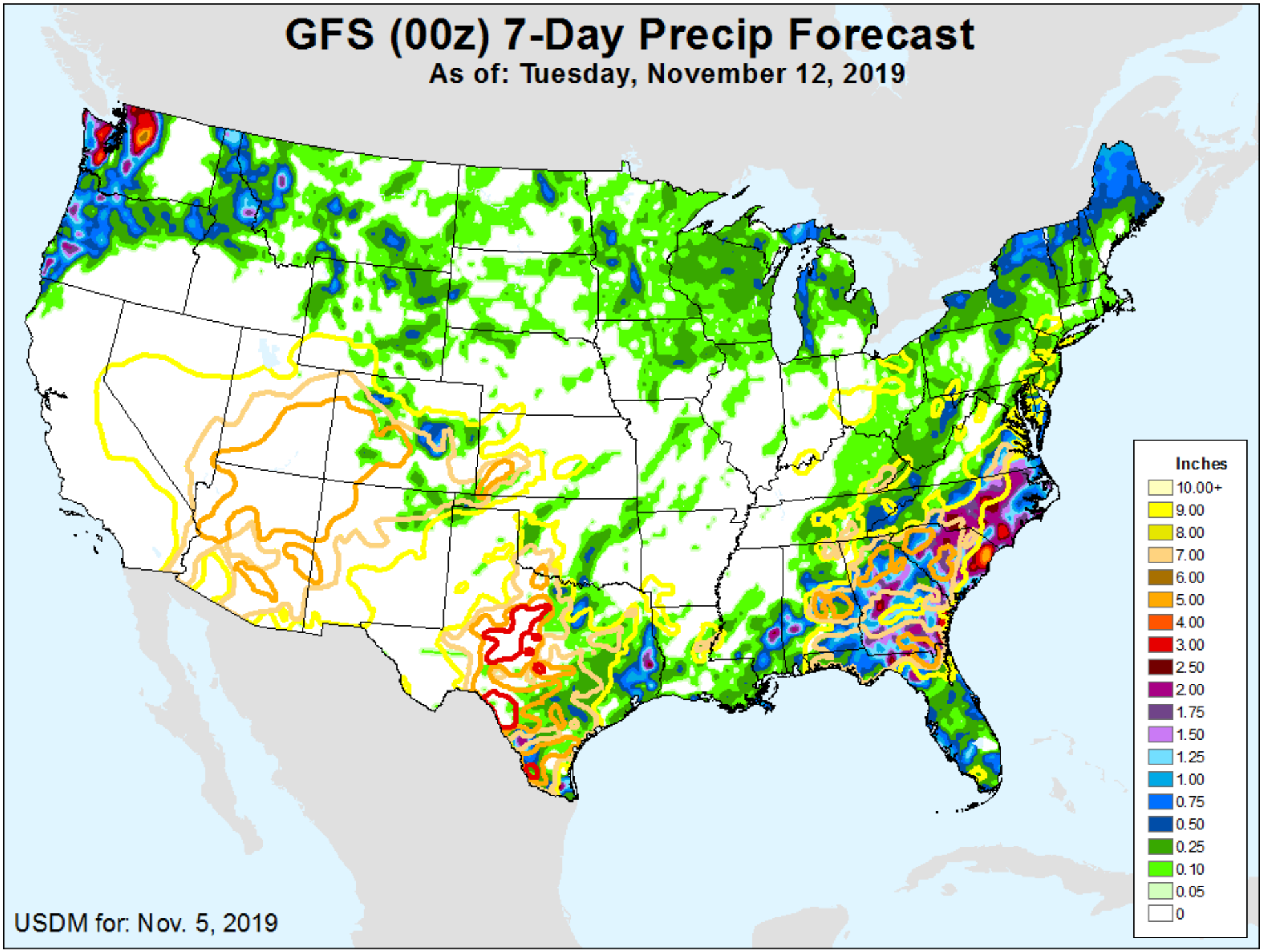
Vegetation Health Index

As of: Tuesday, November 12, 2019



GFS (00z) 7-Day Precip Forecast

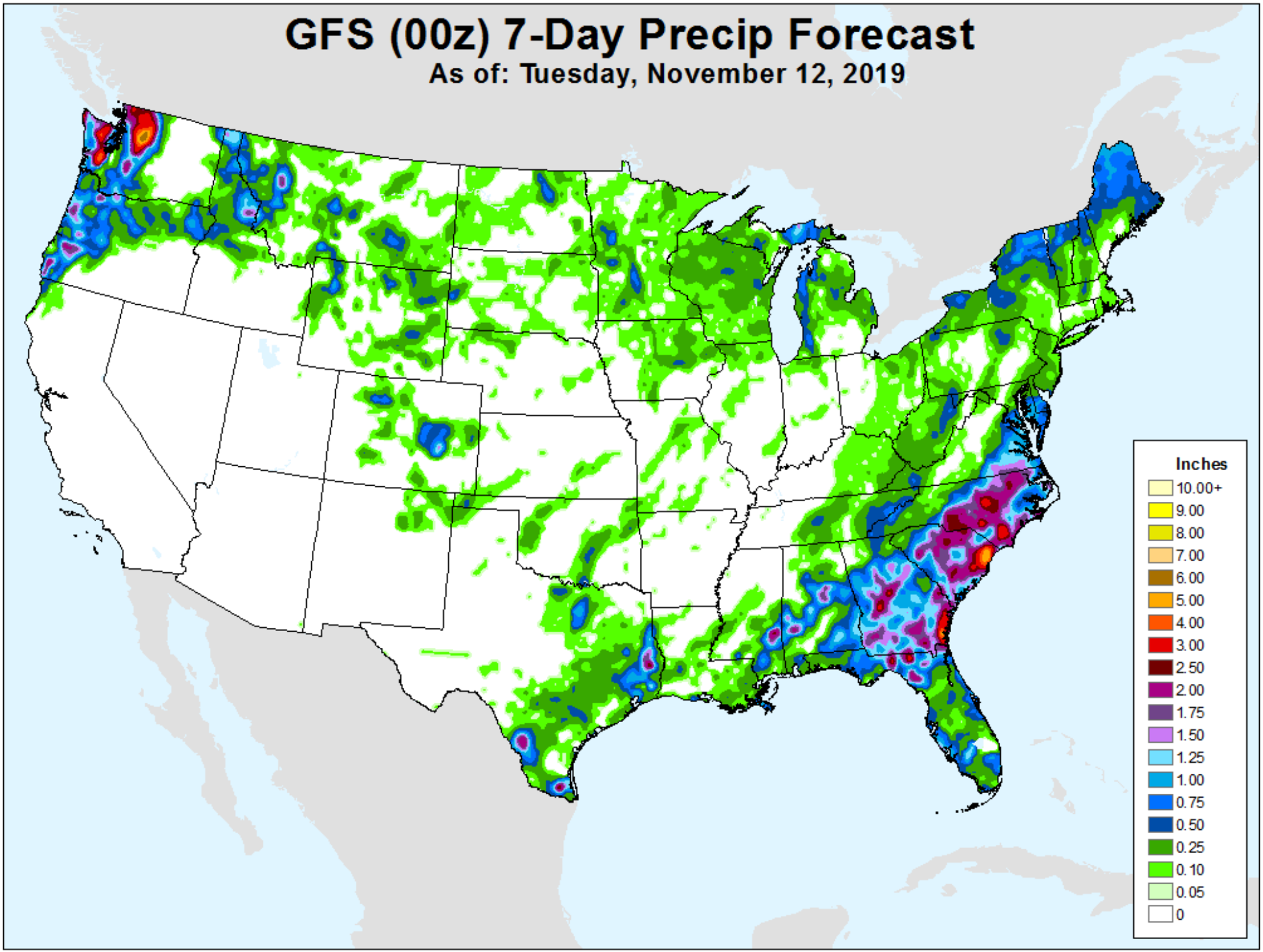
As of: Tuesday, November 12, 2019

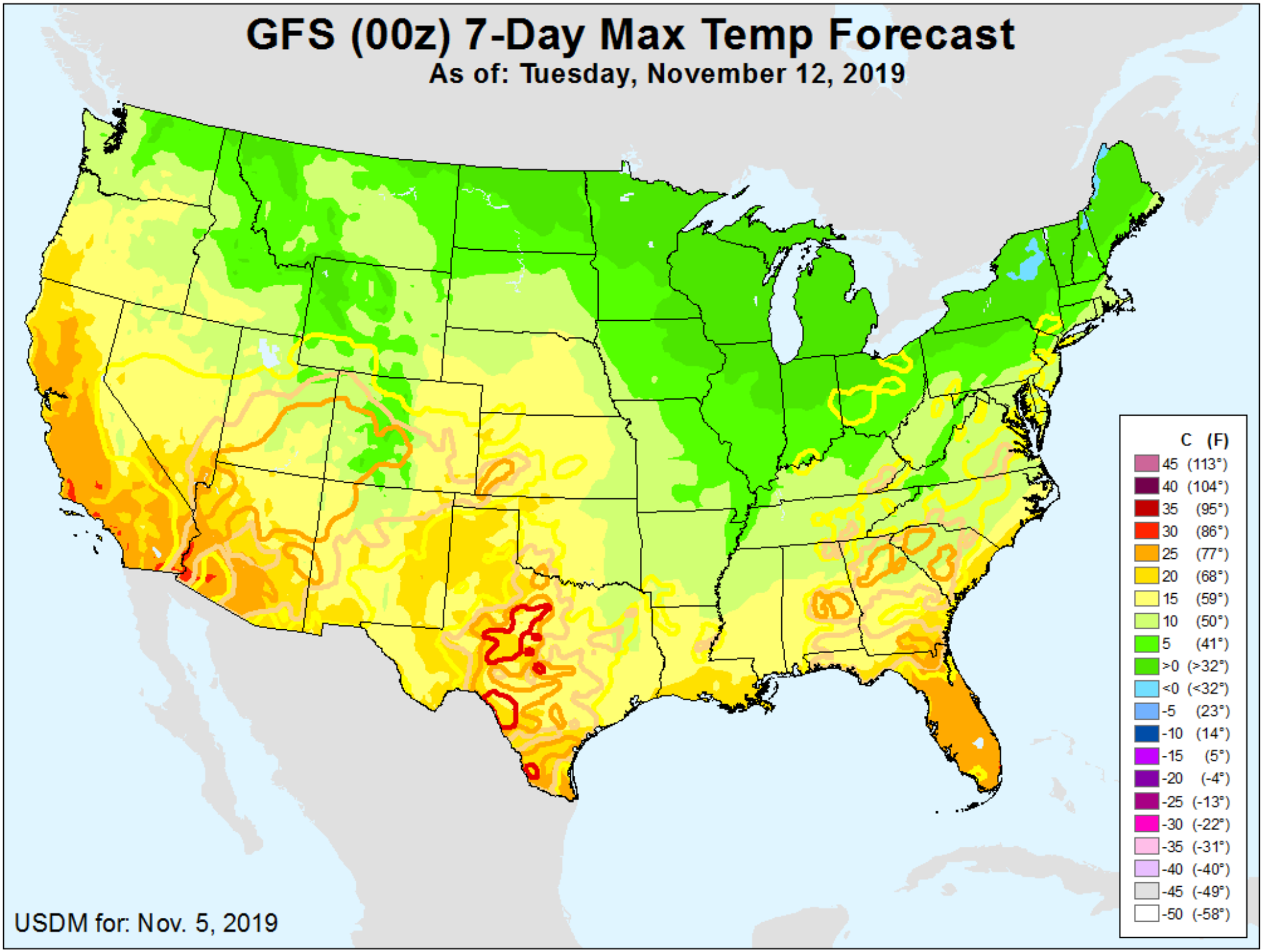


USDM for: Nov. 5, 2019

GFS (00z) 7-Day Precip Forecast

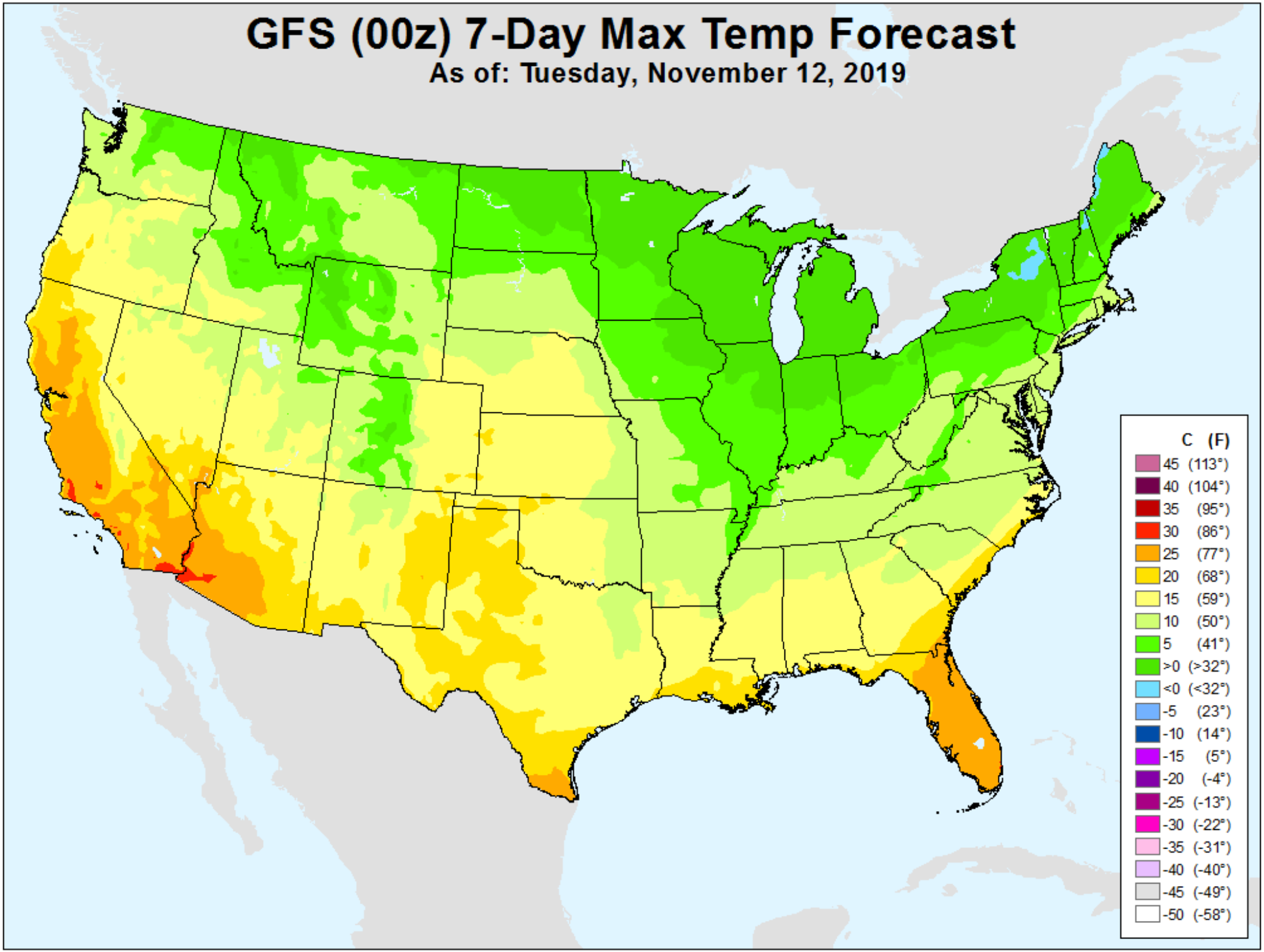
As of: Tuesday, November 12, 2019




GFS (00z) 7-Day Max Temp Forecast
As of: Tuesday, November 12, 2019
C (F)
45 (113°)
40 (104°)
35 (95°)
30 (86°)
25 (77°)
20 (68°)
15 (59°)
10 (50°)
5 (41°)
>0 (>32°)
<0 (<32°)
-5 (23°)
-10 (14°)
-15 (5°)
-20 (-4°)
-25 (-13°)
-30 (-22°)
-35 (-31°)
-40 (-40°)
-45 (-49°)
-50 (-58°)
USDM for: Nov. 5, 2019

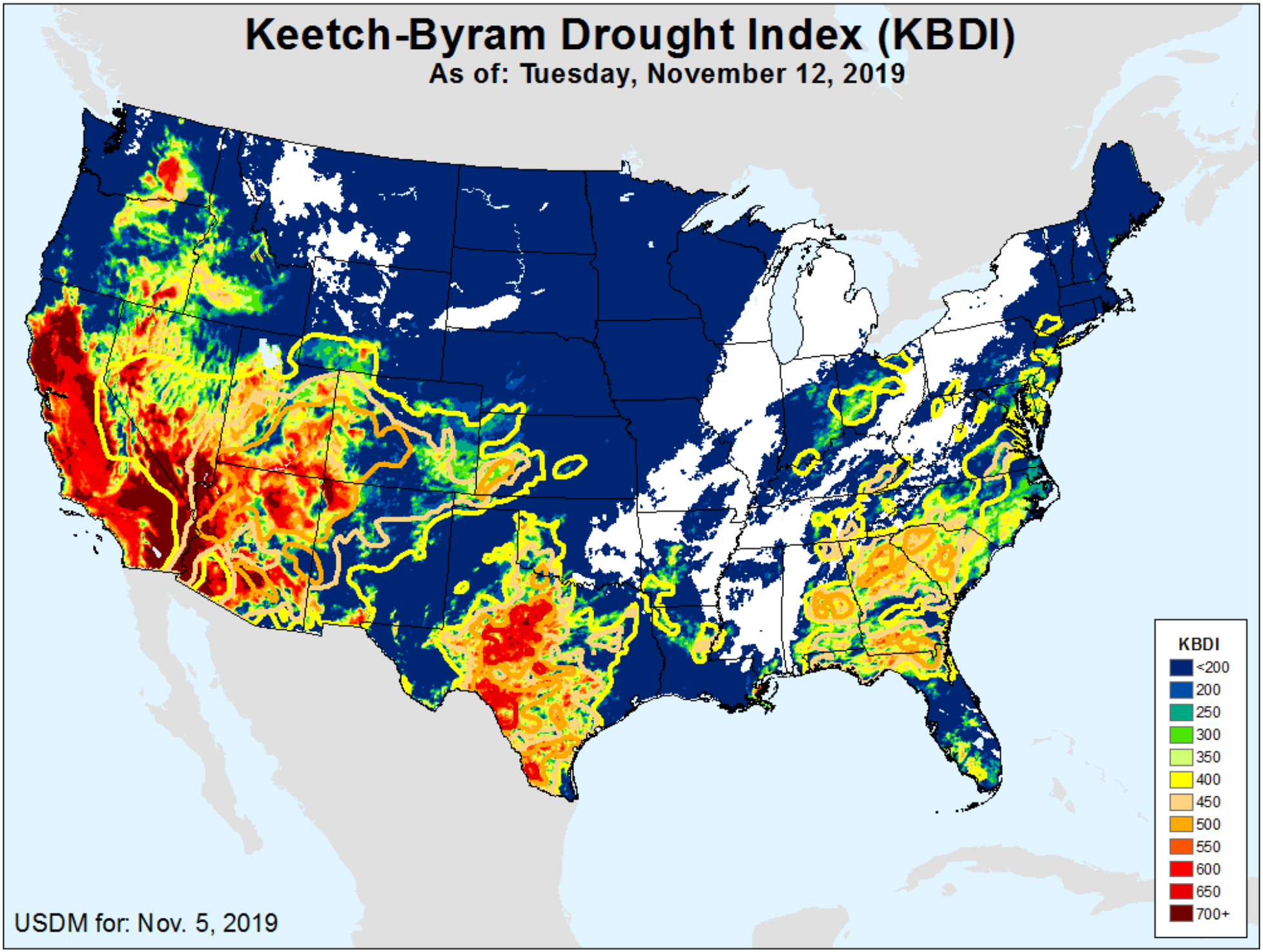
GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, November 12, 2019



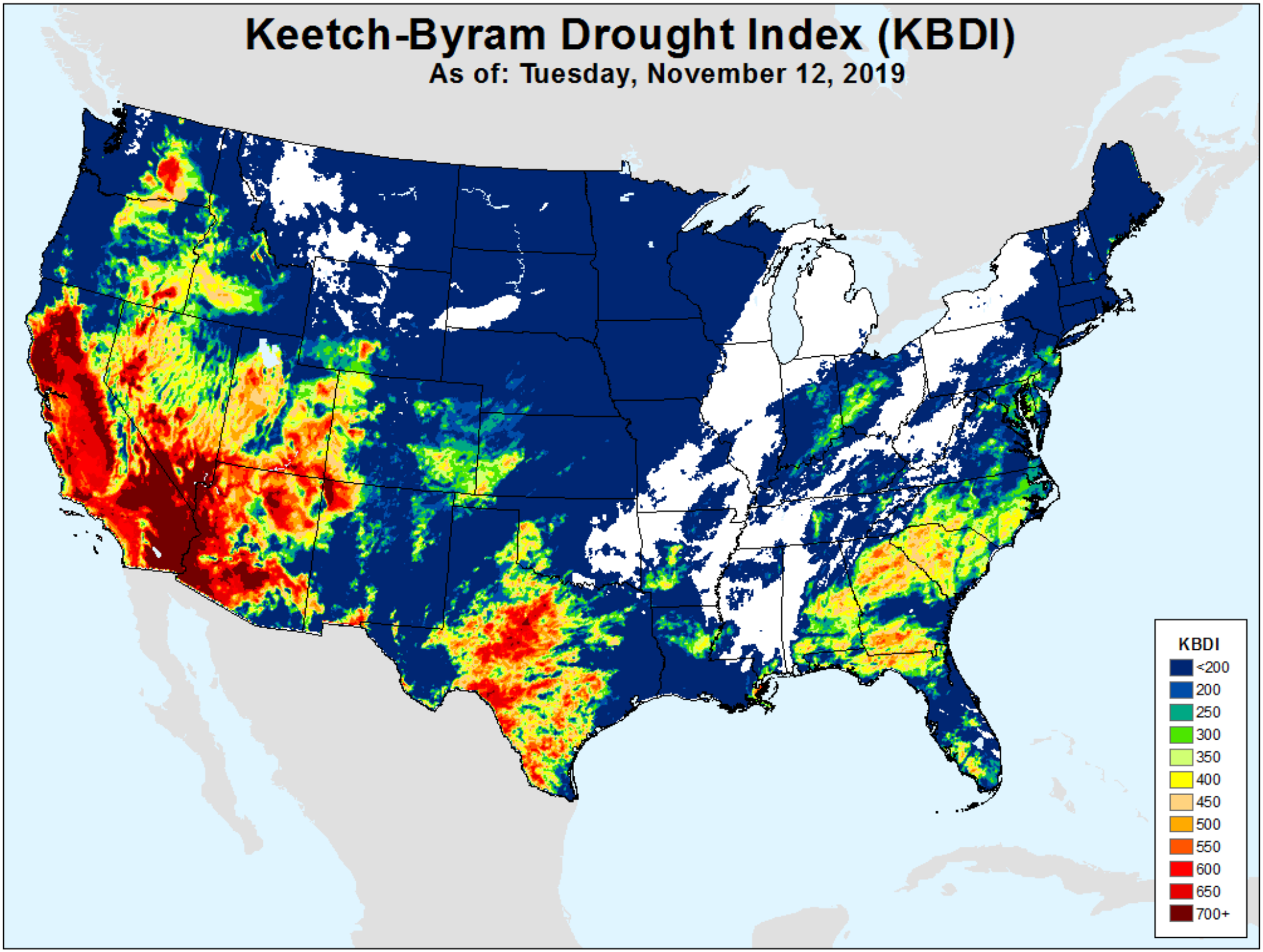
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, November 12, 2019



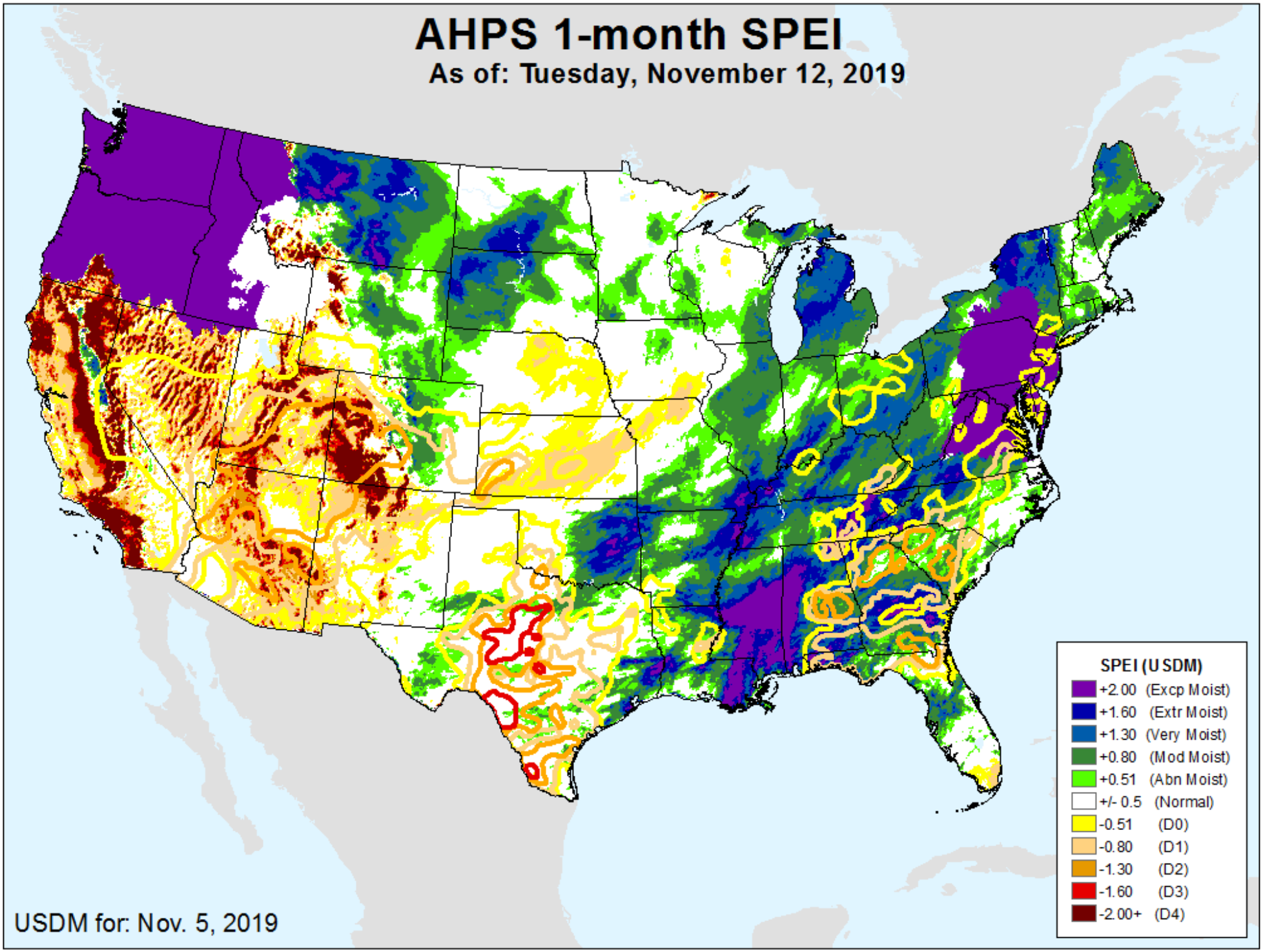
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, November 12, 2019



AHPS 1-month SPEI

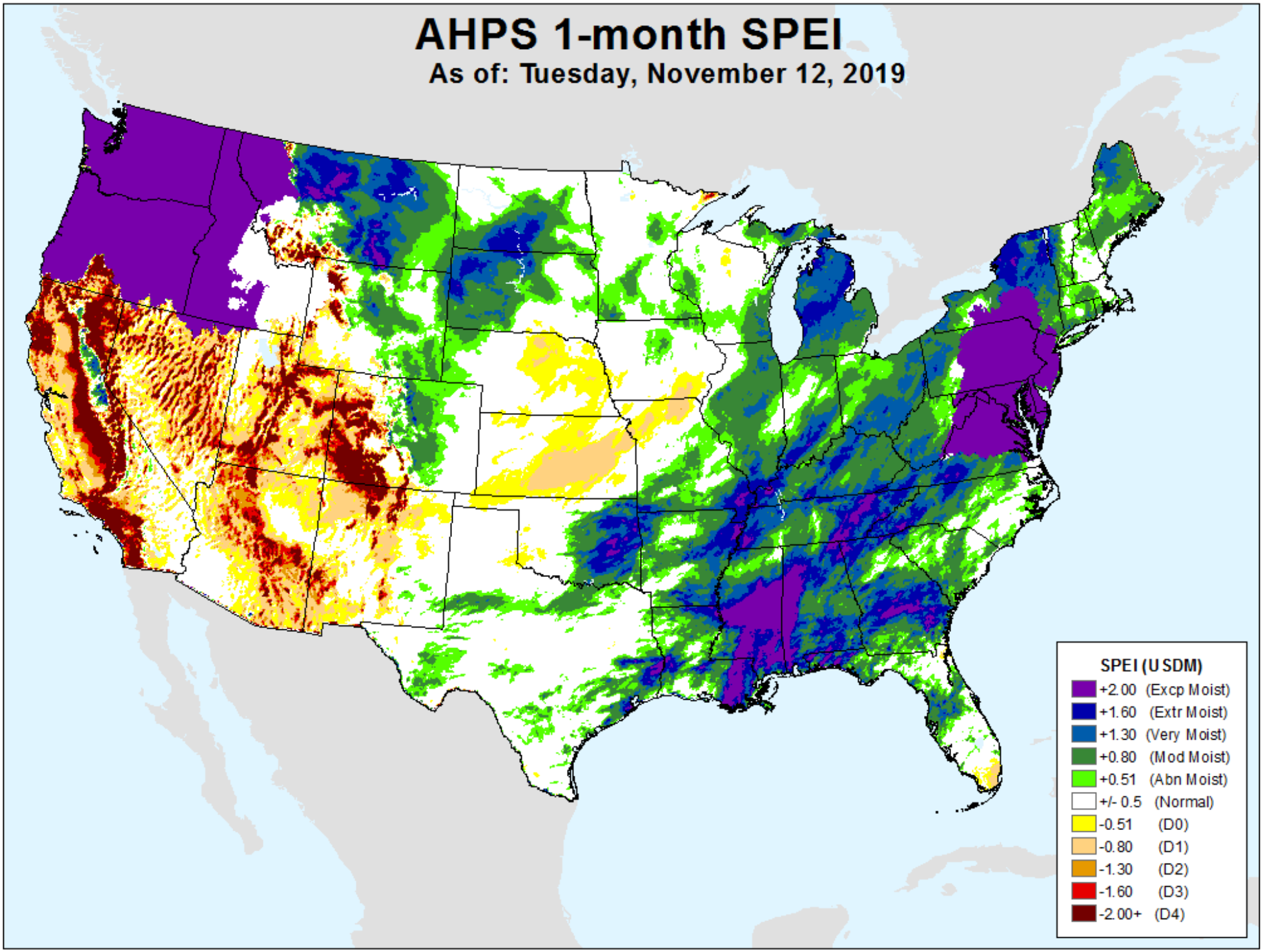
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

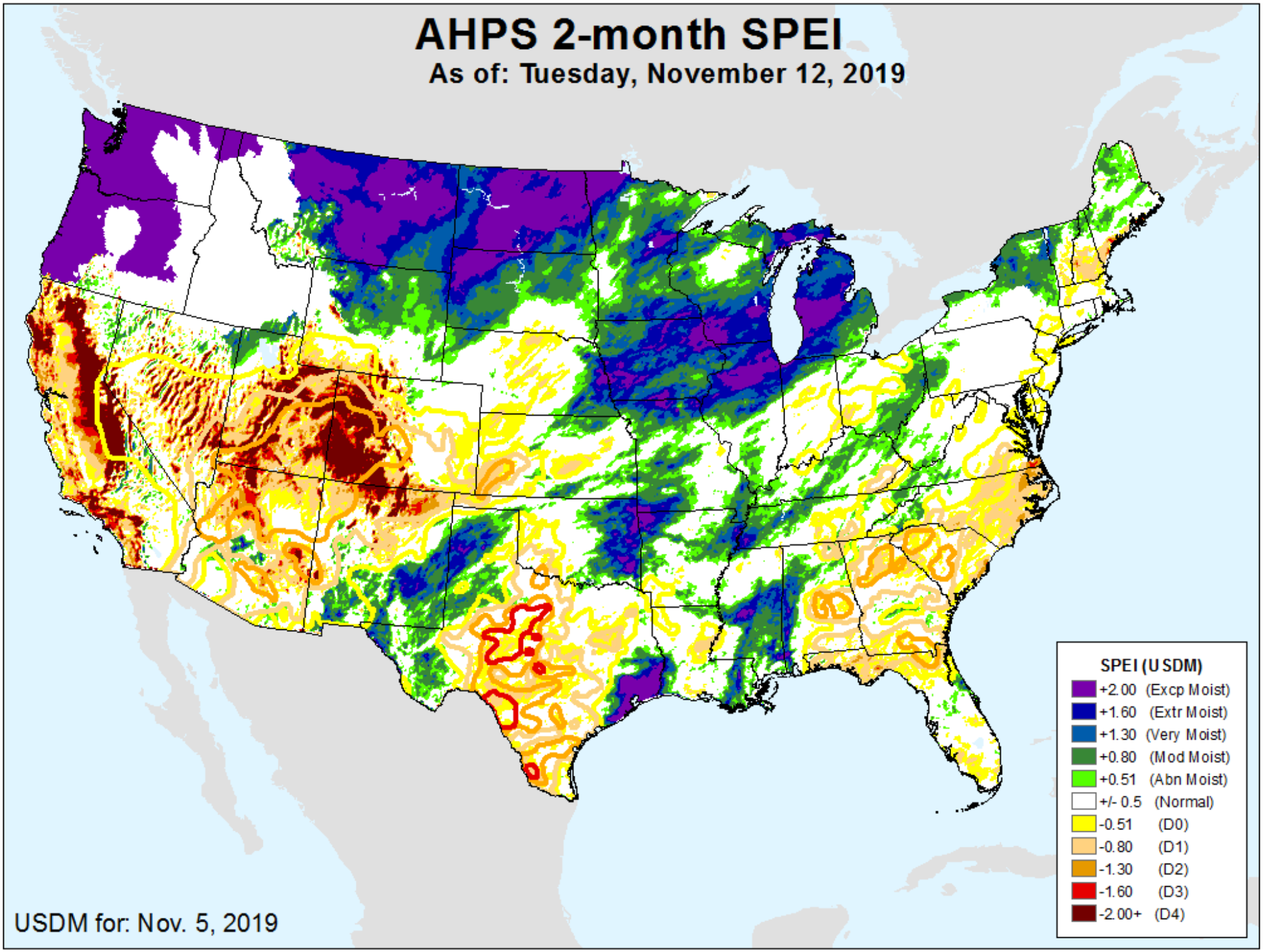
AHPS 1-month SPEI

As of: Tuesday, November 12, 2019



AHPS 2-month SPEI

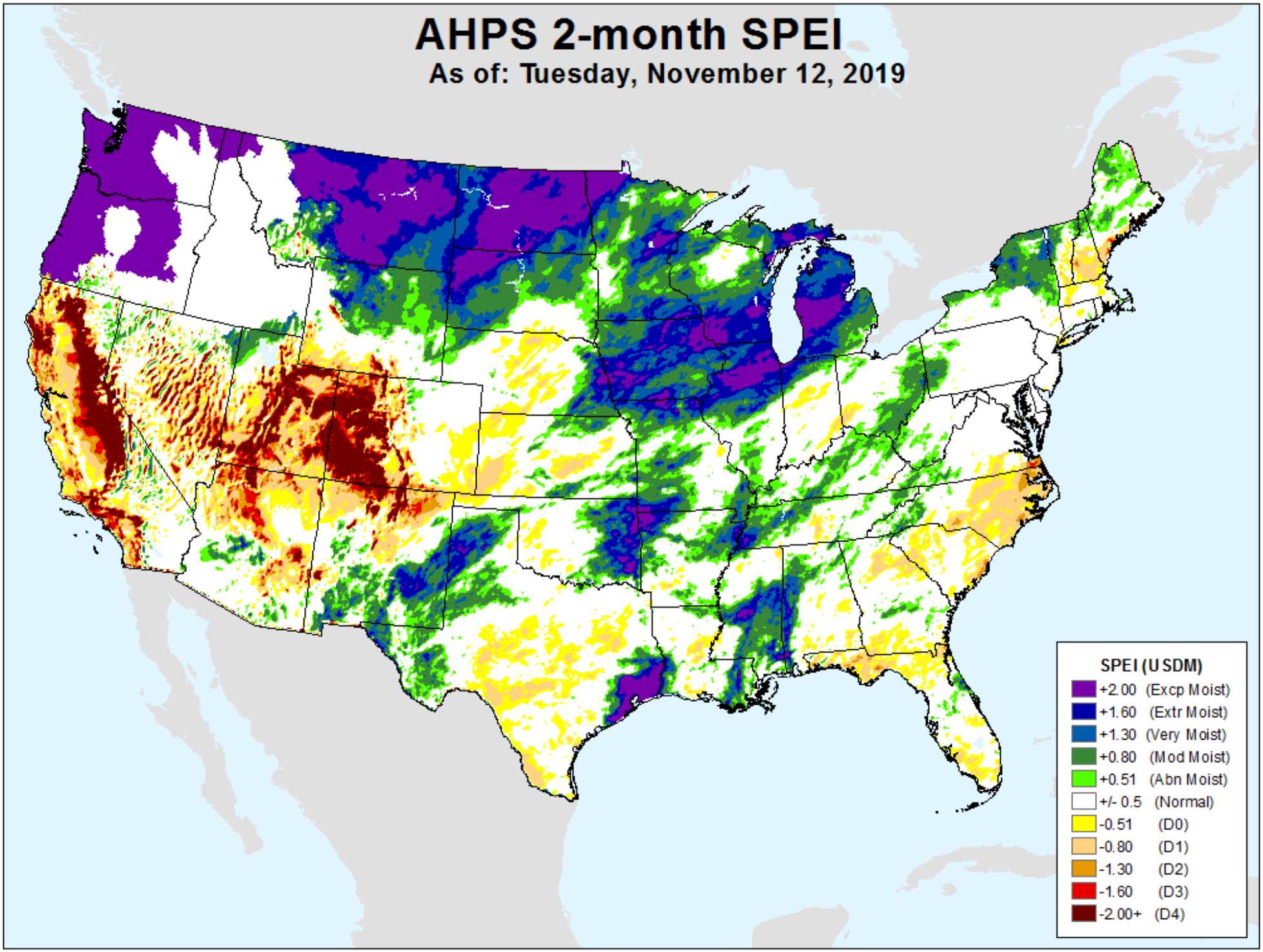
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

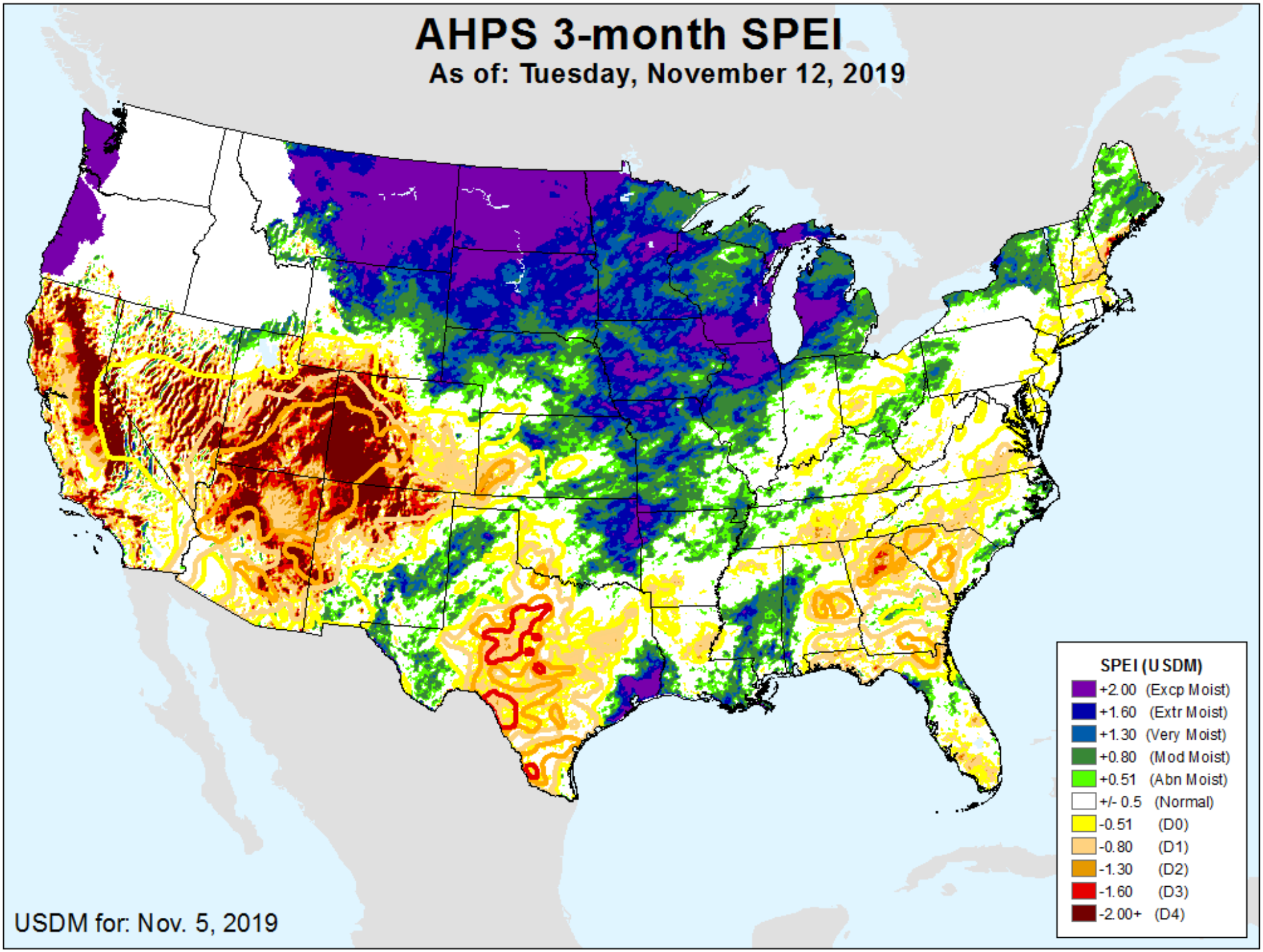
AHPS 2-month SPEI

As of: Tuesday, November 12, 2019



AHPS 3-month SPEI

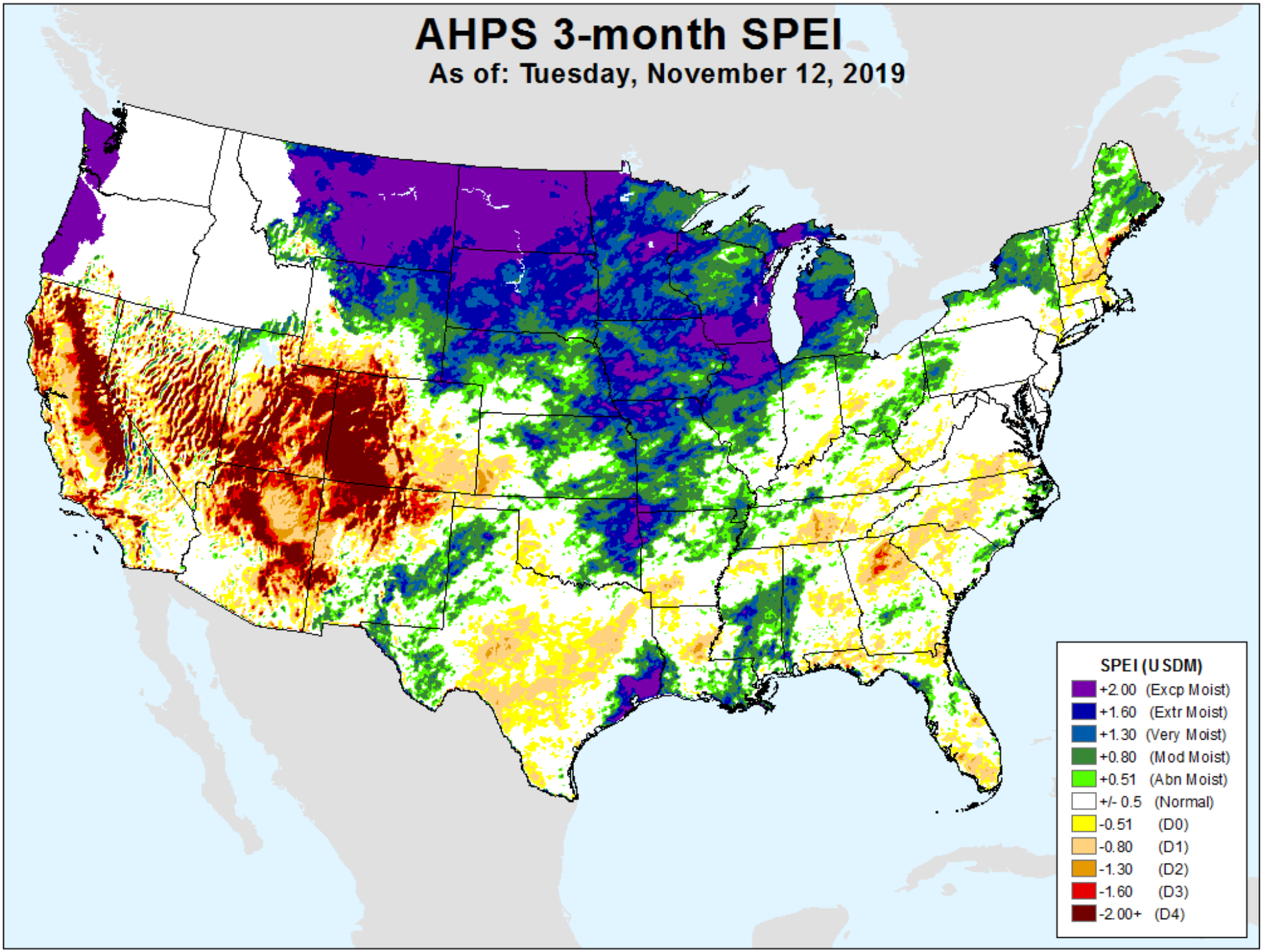
As of: Tuesday, November 12, 2019

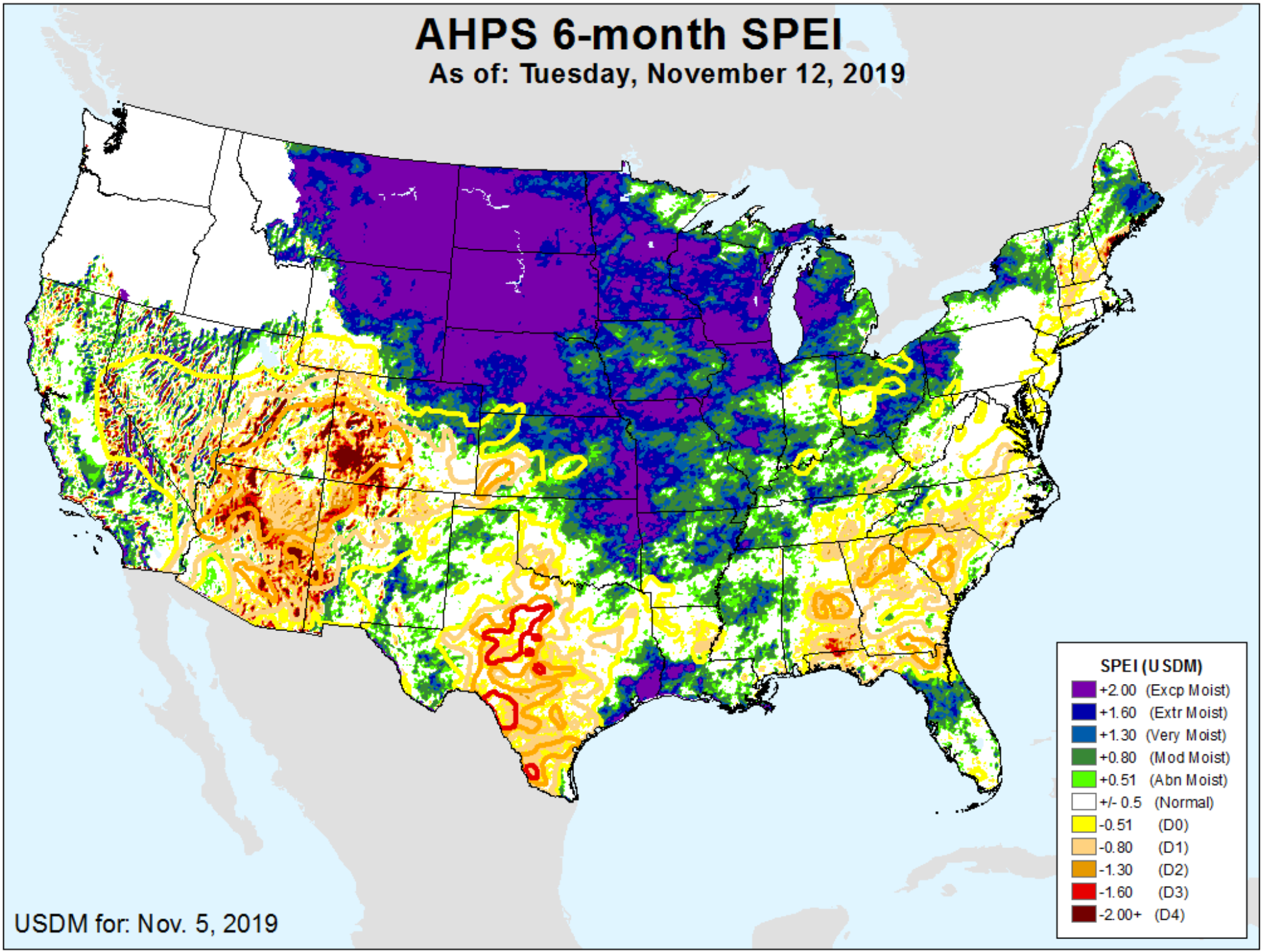


USDM for: Nov. 5, 2019

AHPS 3-month SPEI

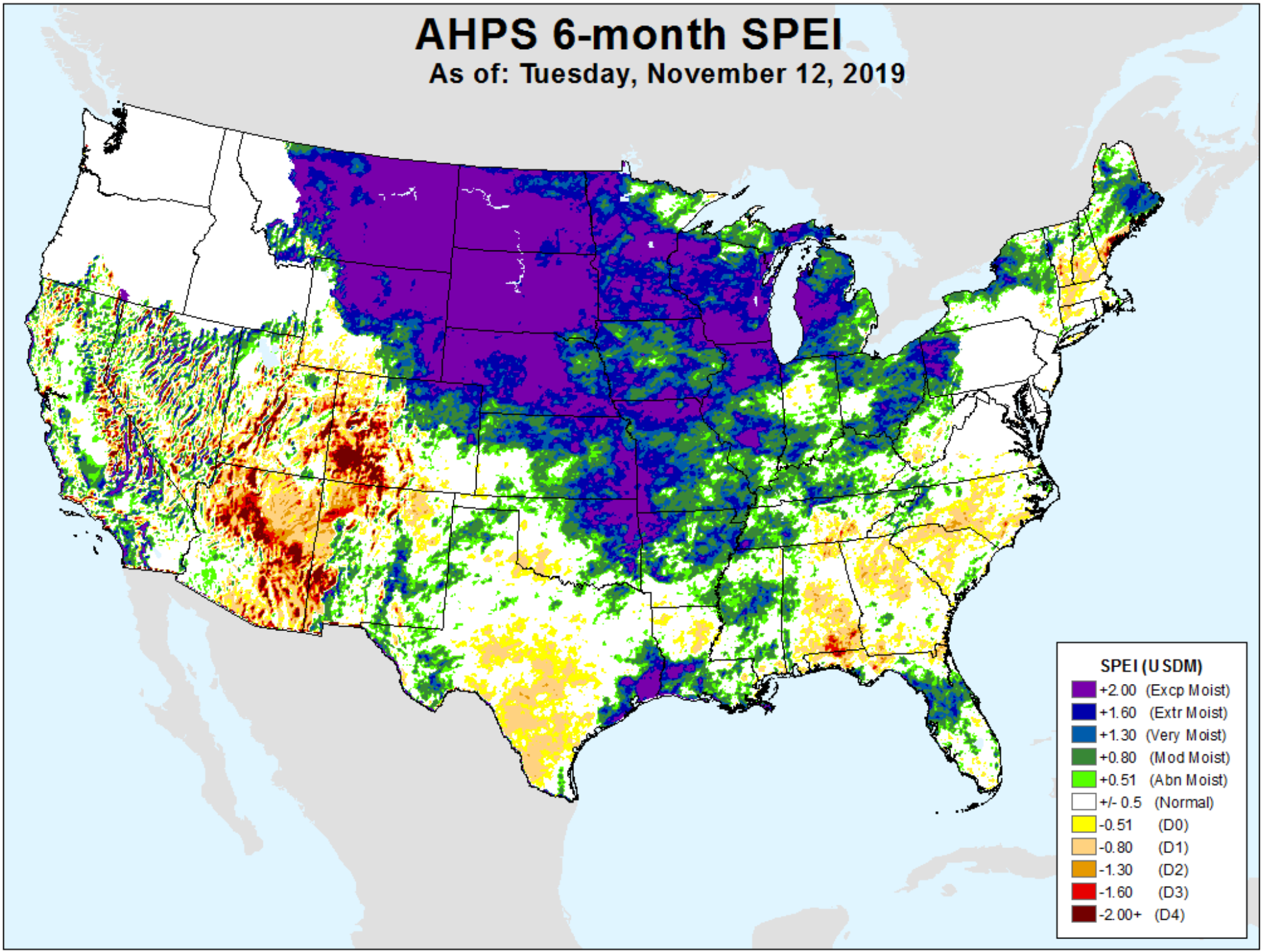
As of: Tuesday, November 12, 2019




AHPS 6-month SPEI
As of: Tuesday, November 12, 2019
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. 5, 2019

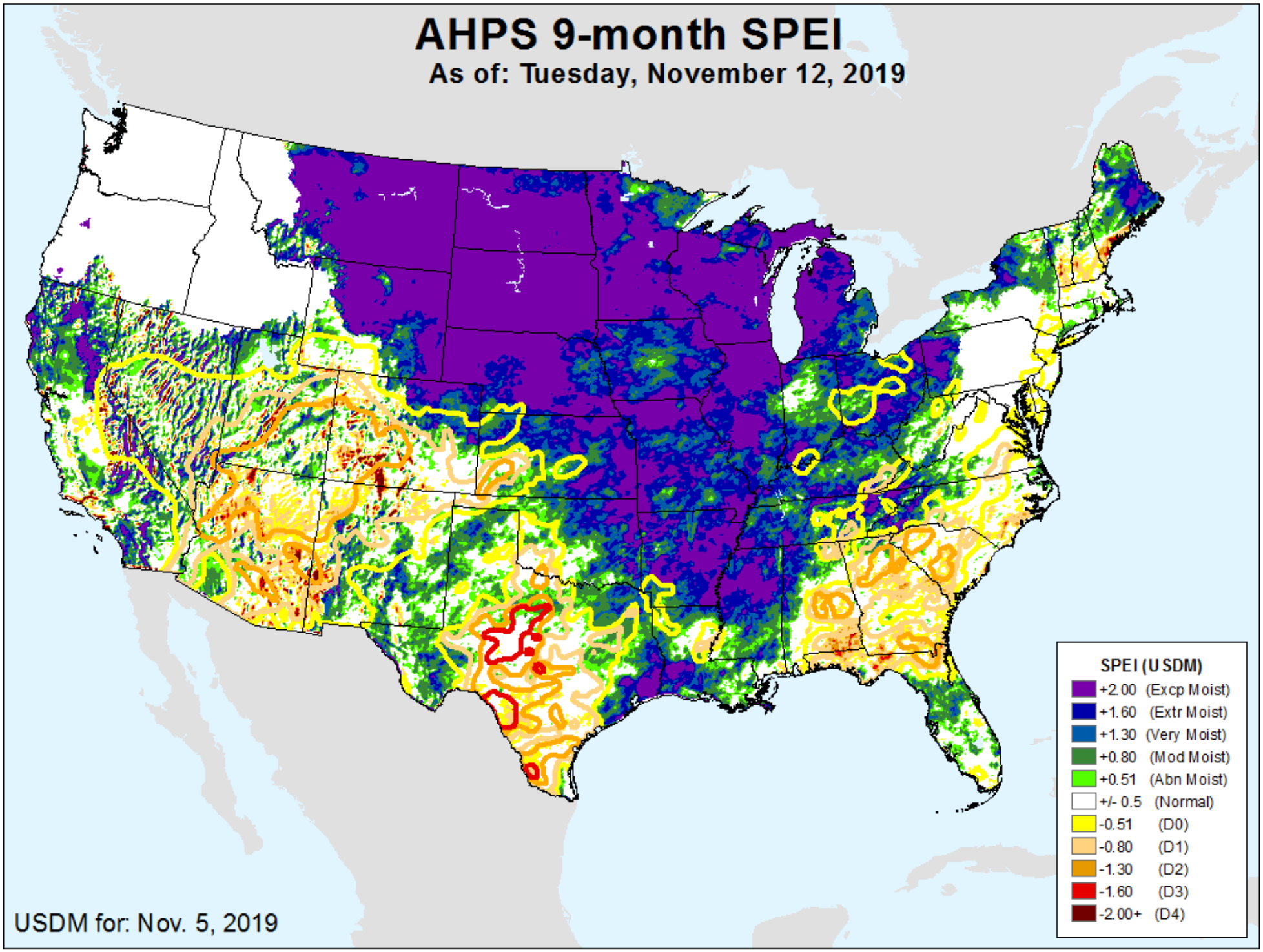
AHPS 6-month SPEI

As of: Tuesday, November 12, 2019



AHPS 9-month SPEI

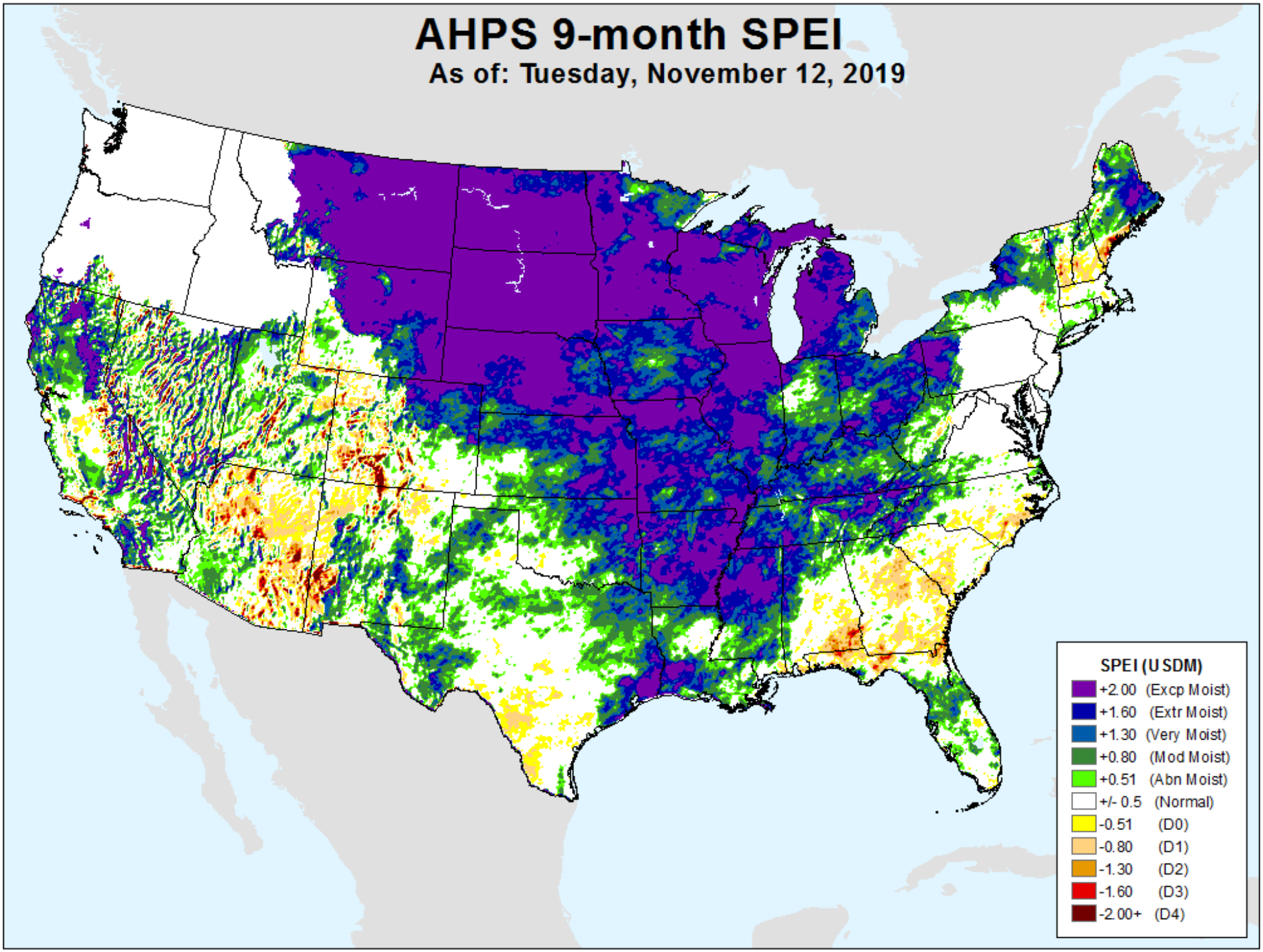
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

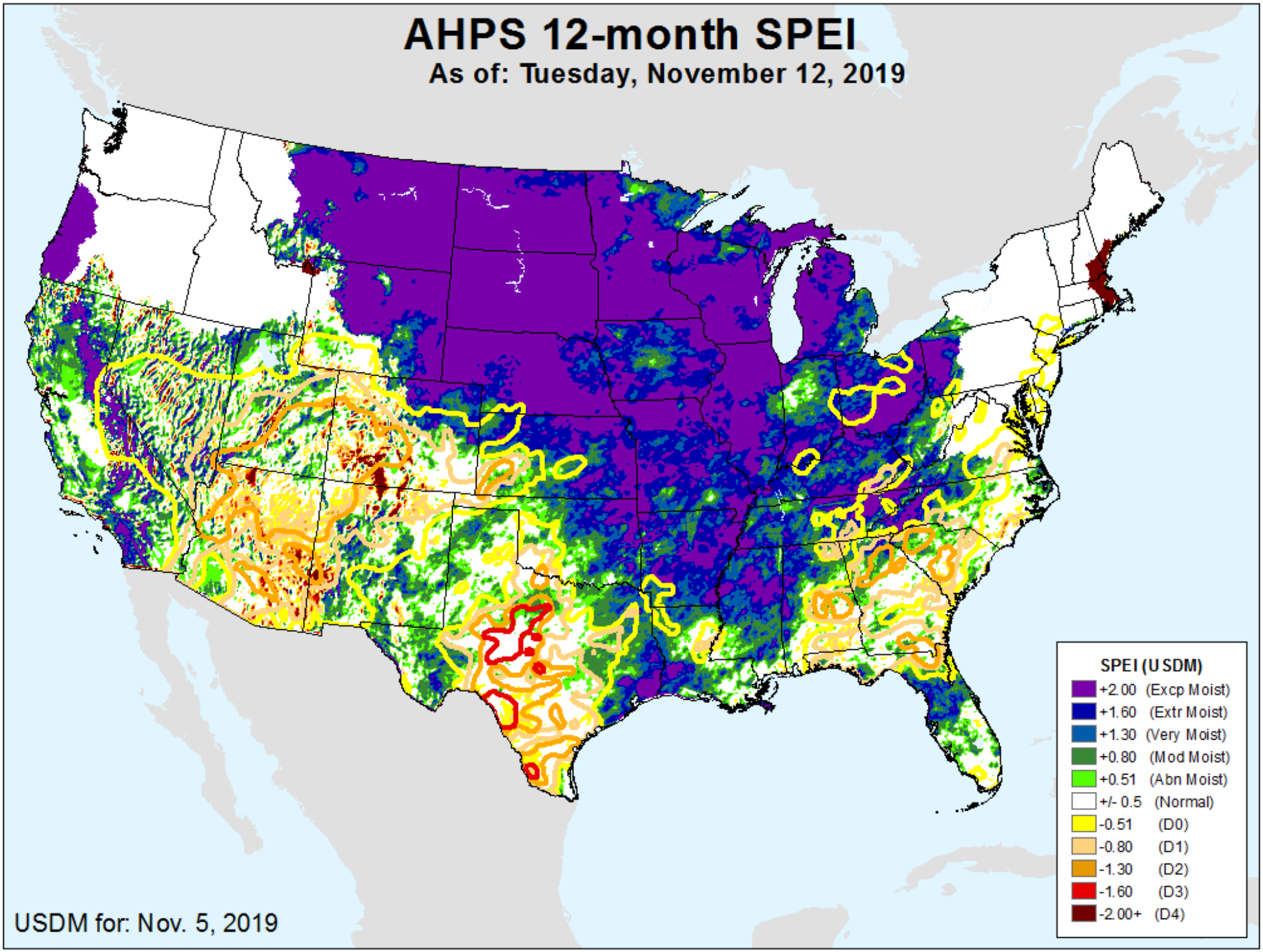
AHPS 9-month SPEI

As of: Tuesday, November 12, 2019



AHPS 12-month SPEI

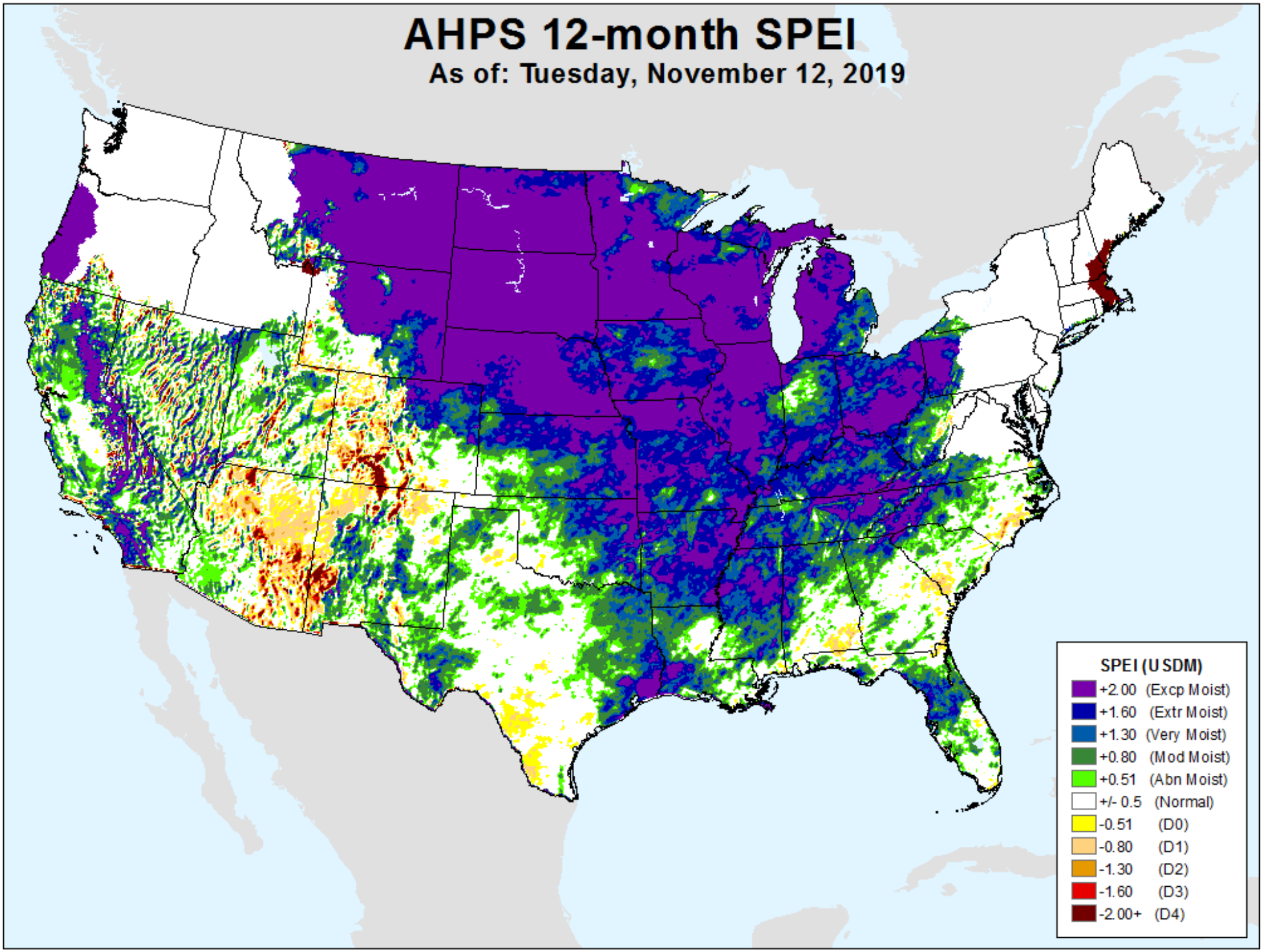
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

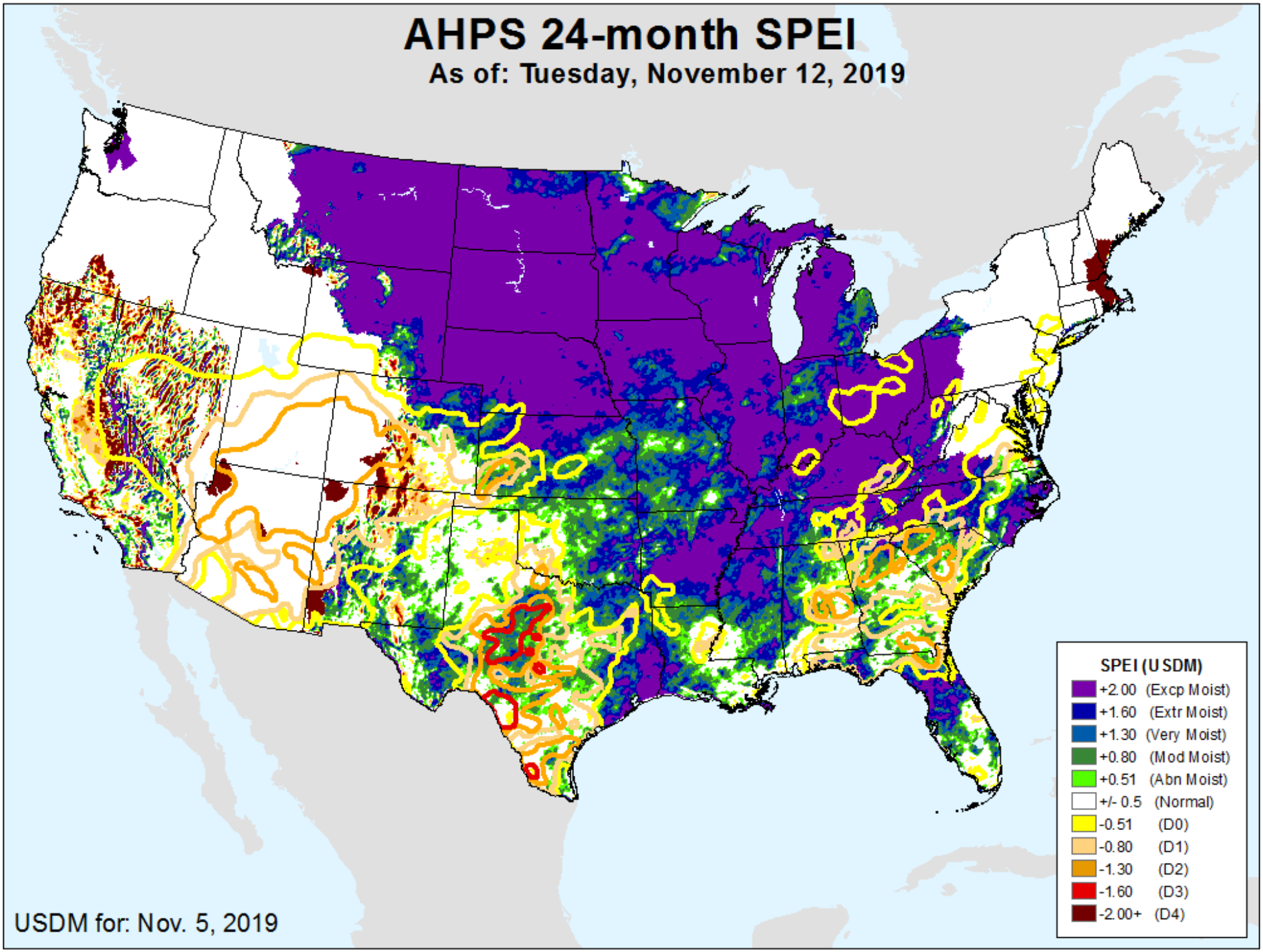
AHPS 12-month SPEI

As of: Tuesday, November 12, 2019



AHPS 24-month SPEI

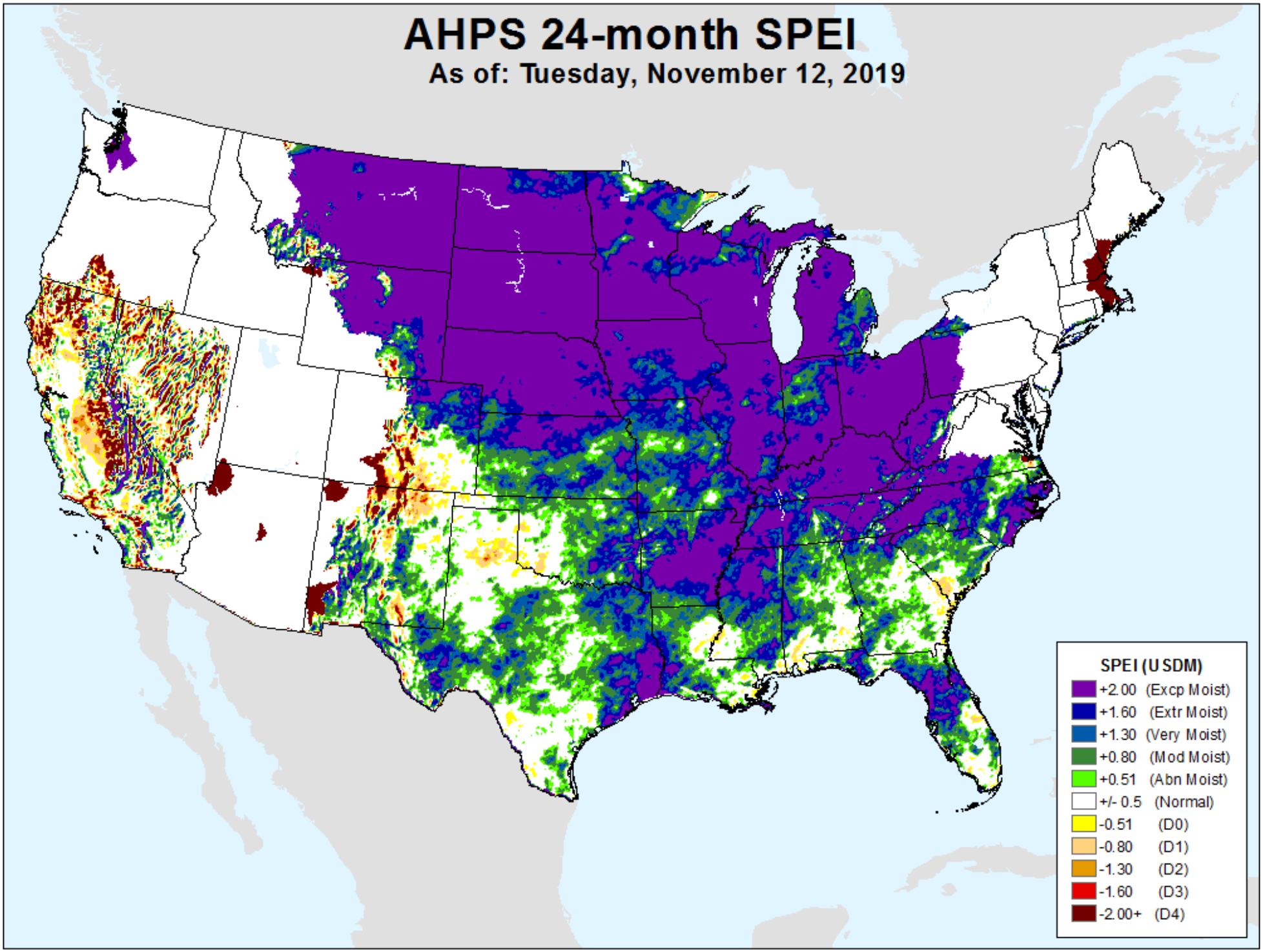
As of: Tuesday, November 12, 2019

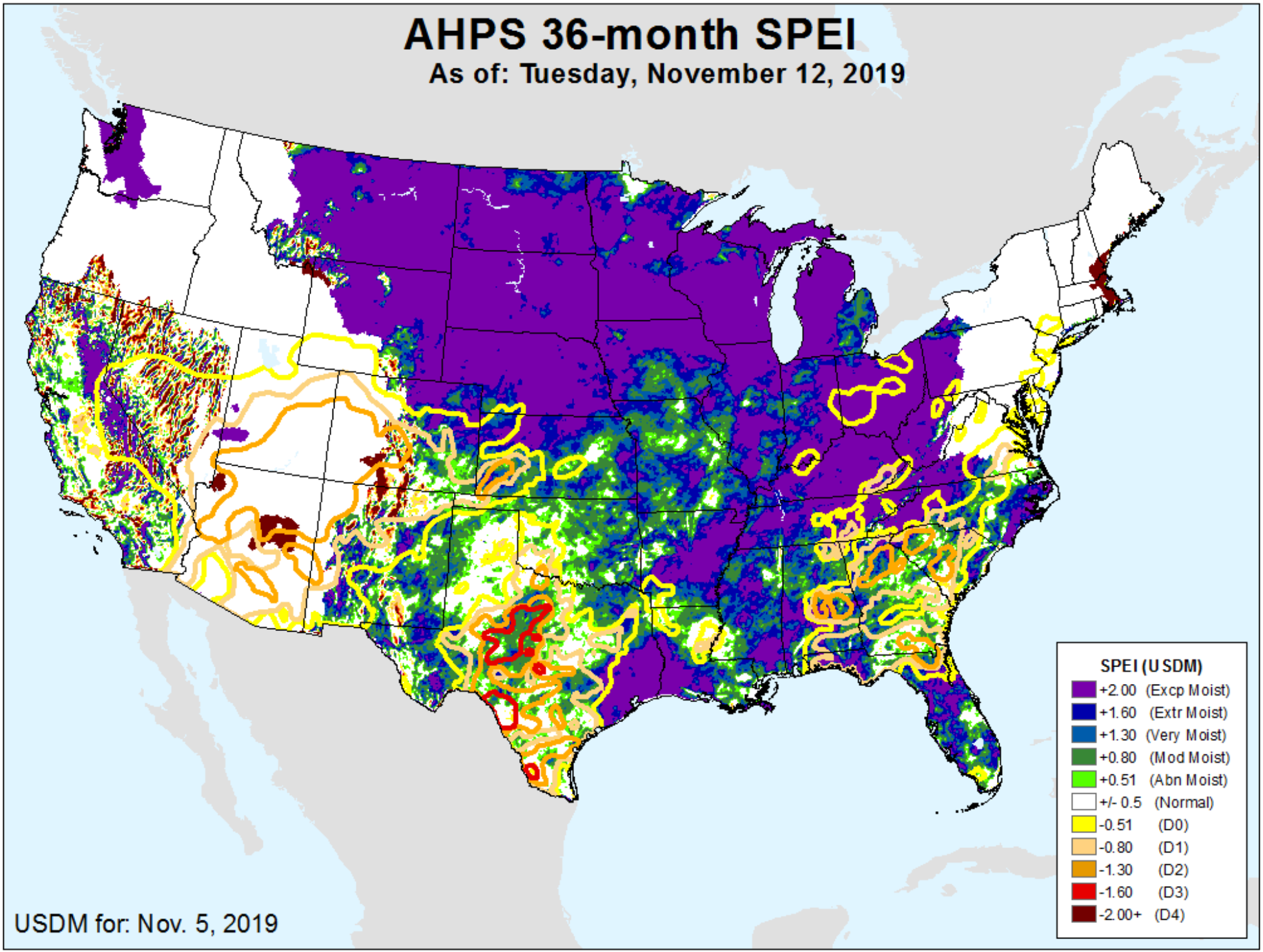


USDM for: Nov. 5, 2019

AHPS 24-month SPEI

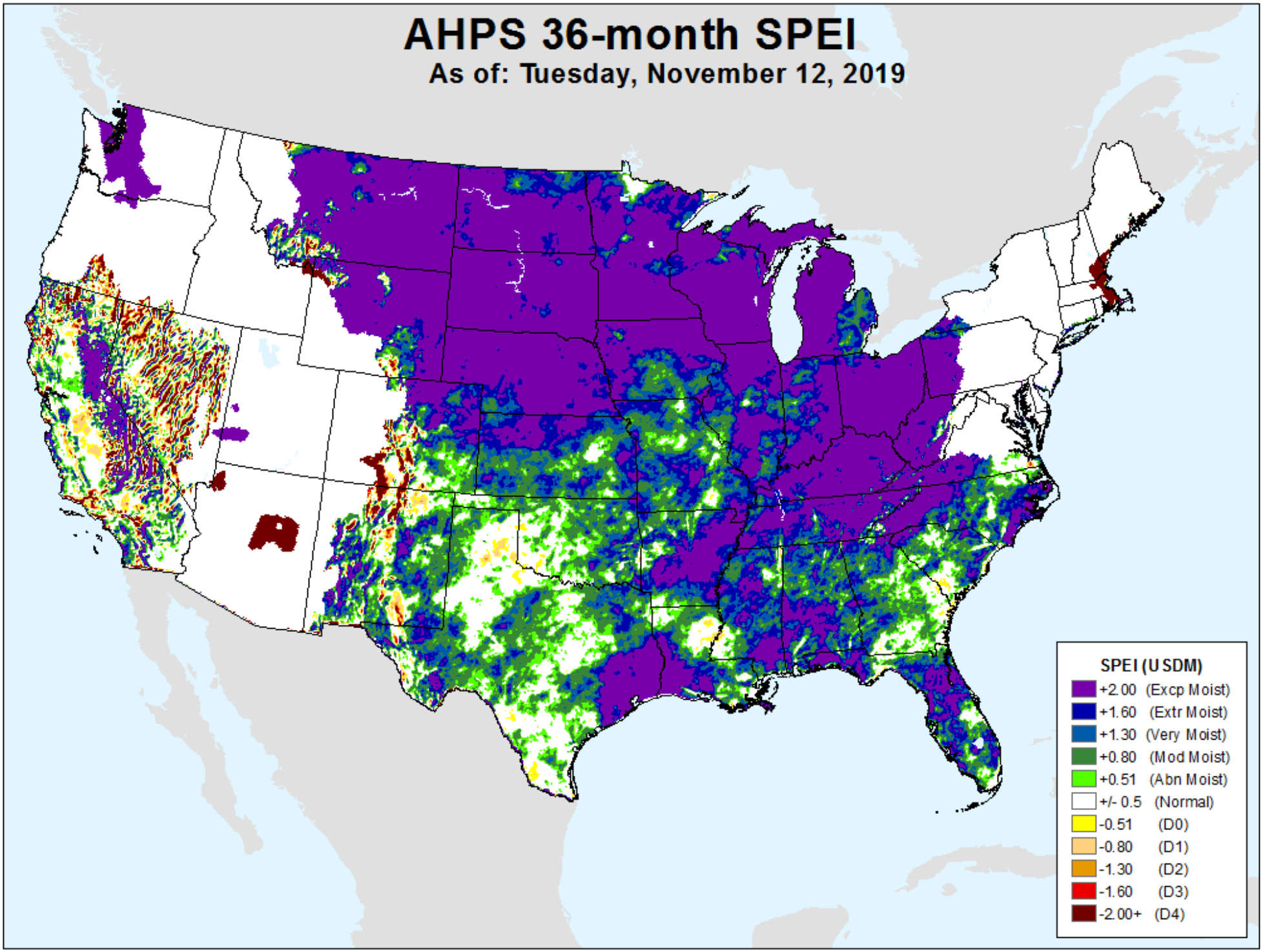
As of: Tuesday, November 12, 2019




AHPS 36-month SPEI
As of: Tuesday, November 12, 2019
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. 5, 2019

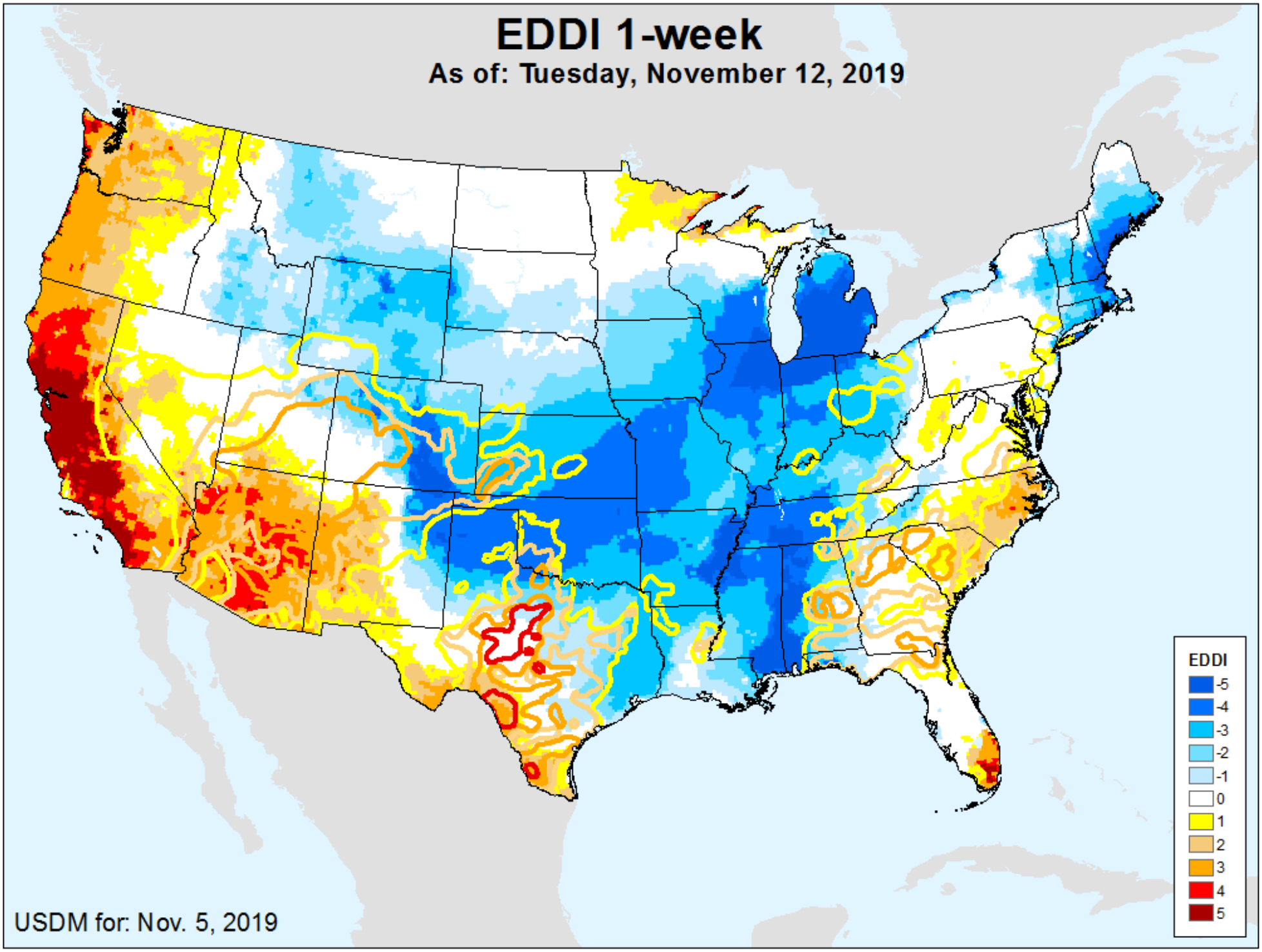
AHPS 36-month SPEI

As of: Tuesday, November 12, 2019



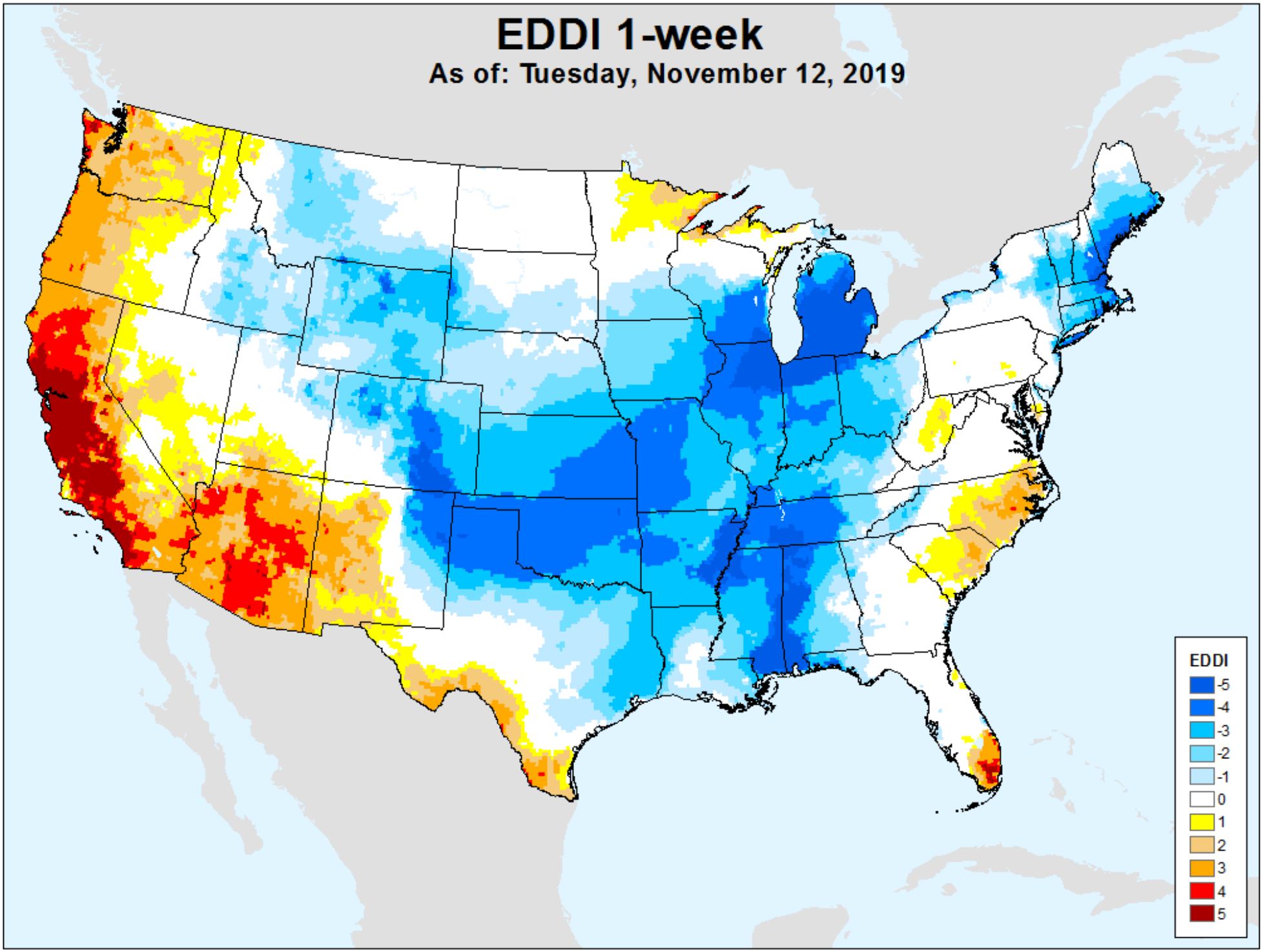
EDDI 1-week

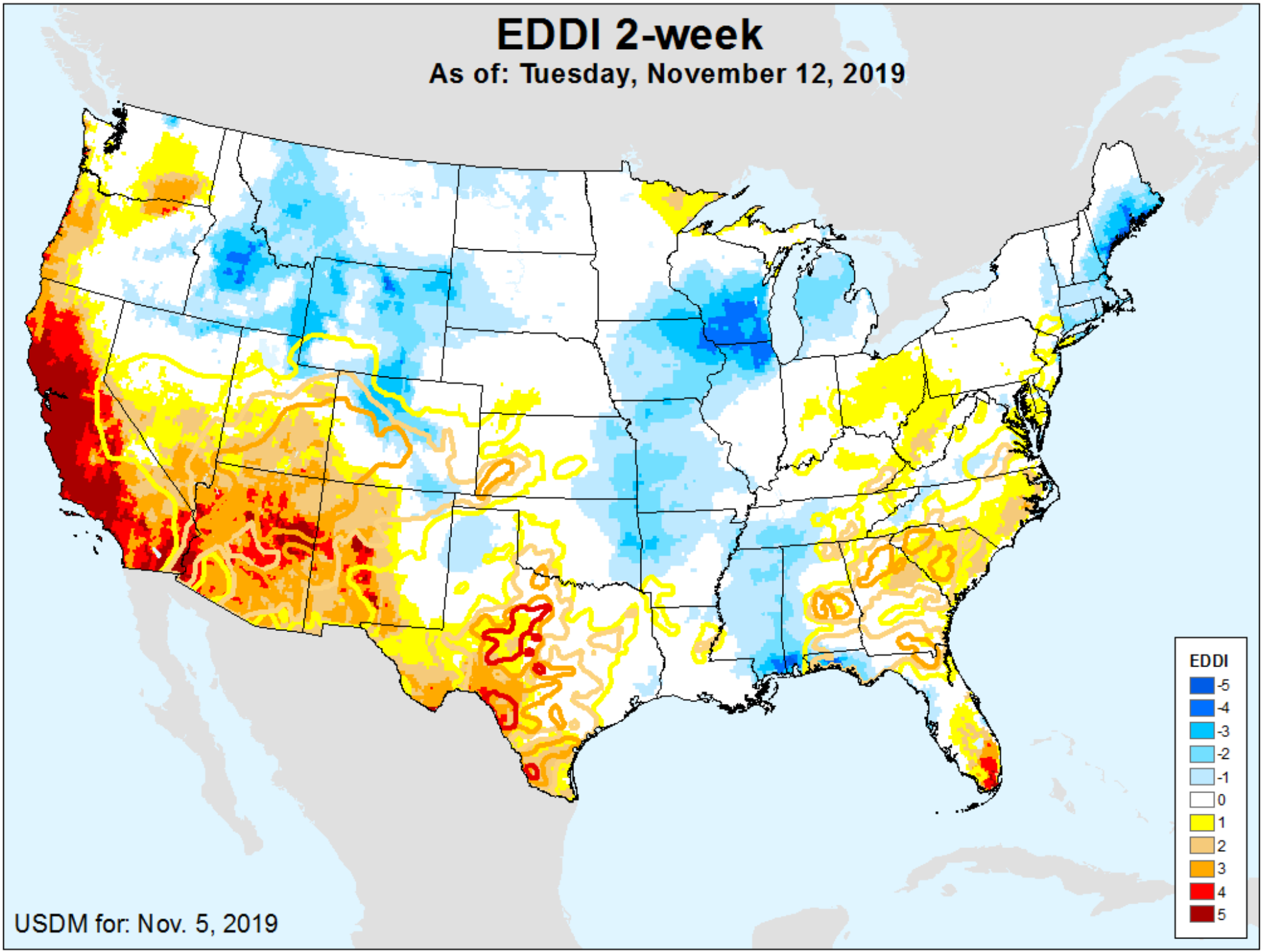
As of: Tuesday, November 12, 2019



EDDI 1-week

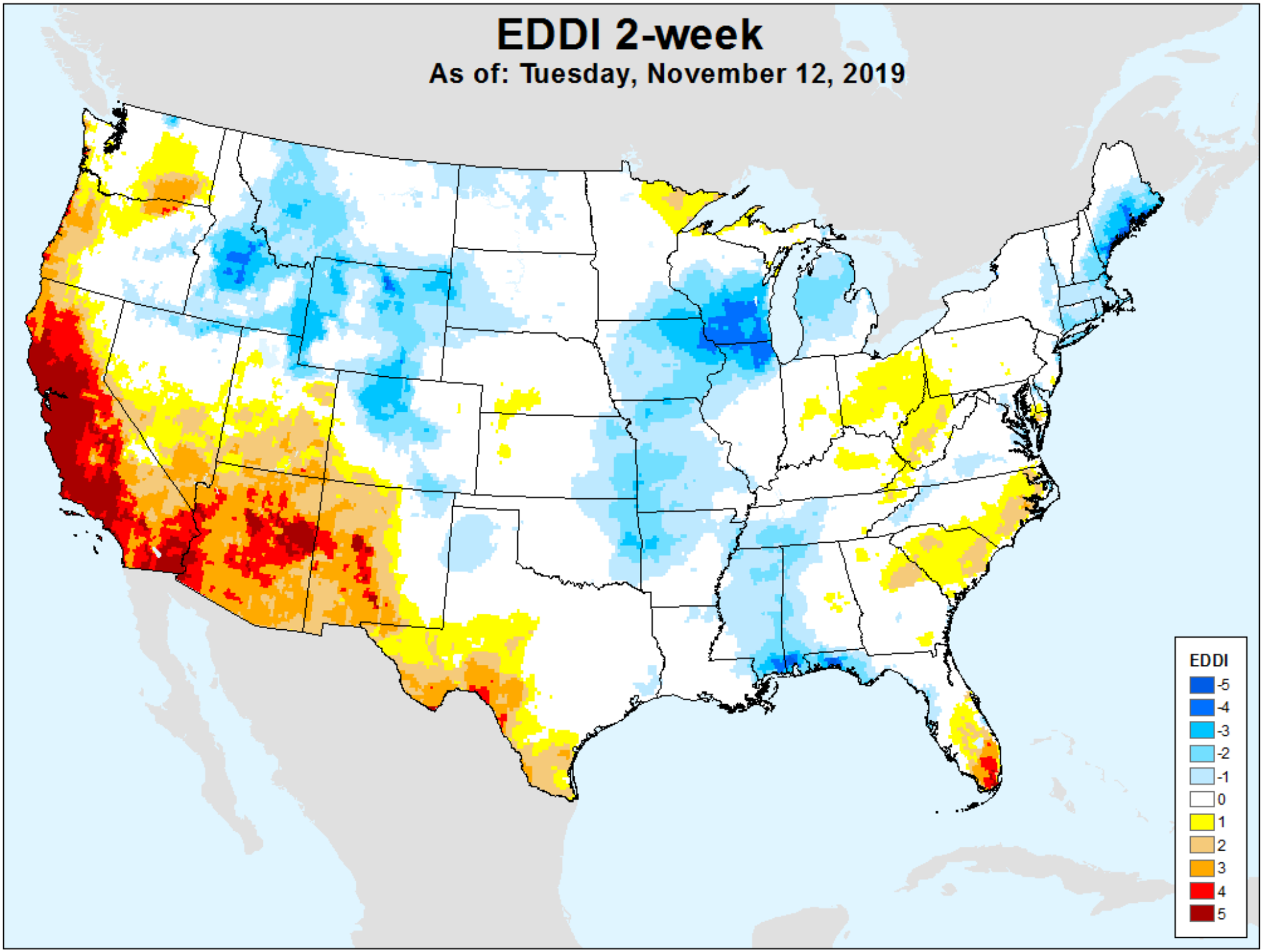
As of: Tuesday, November 12, 2019

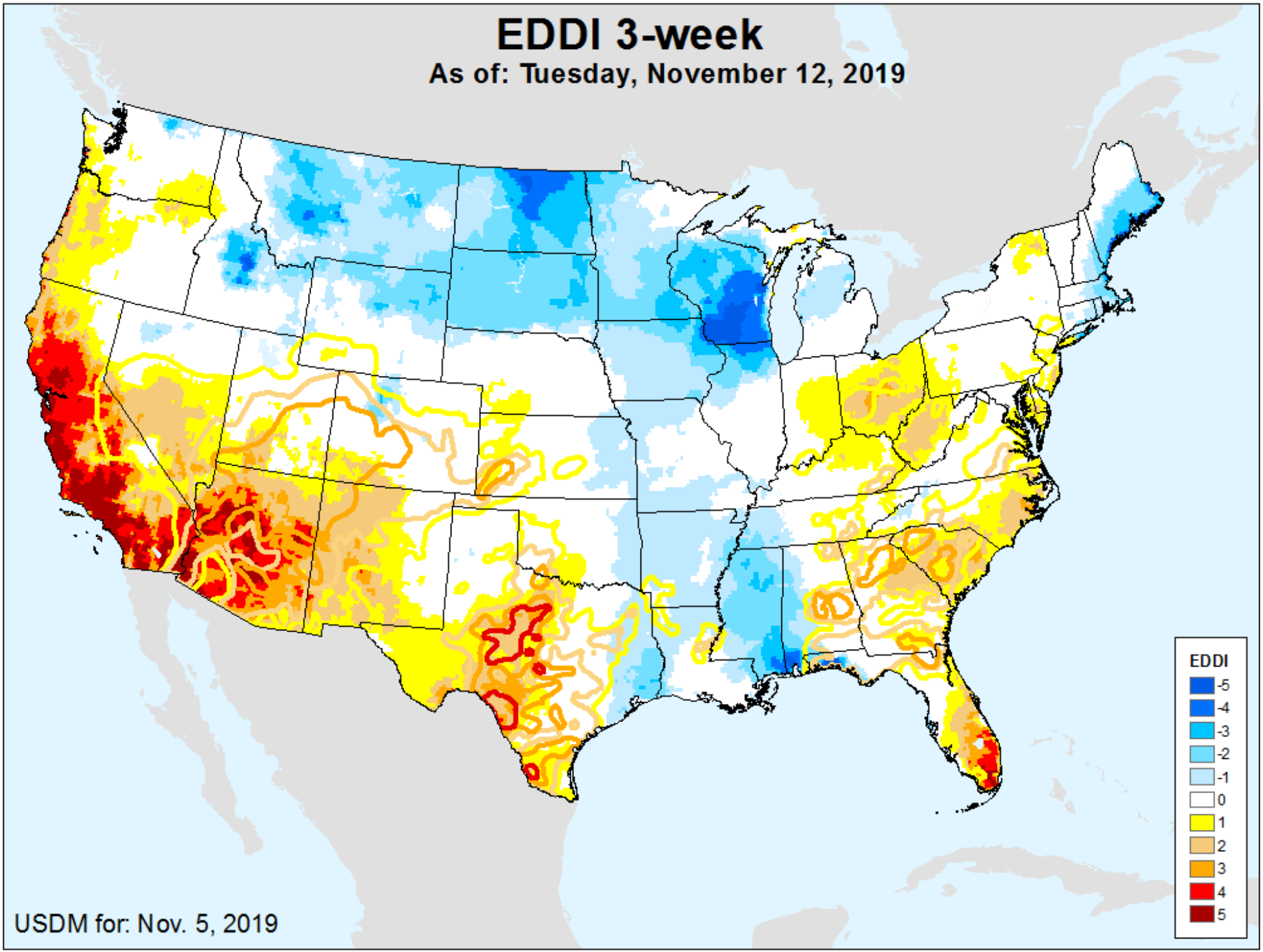



EDDI 2-week
As of: Tuesday, November 12, 2019
EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5
USDM for: Nov. 5, 2019

EDDI 2-week

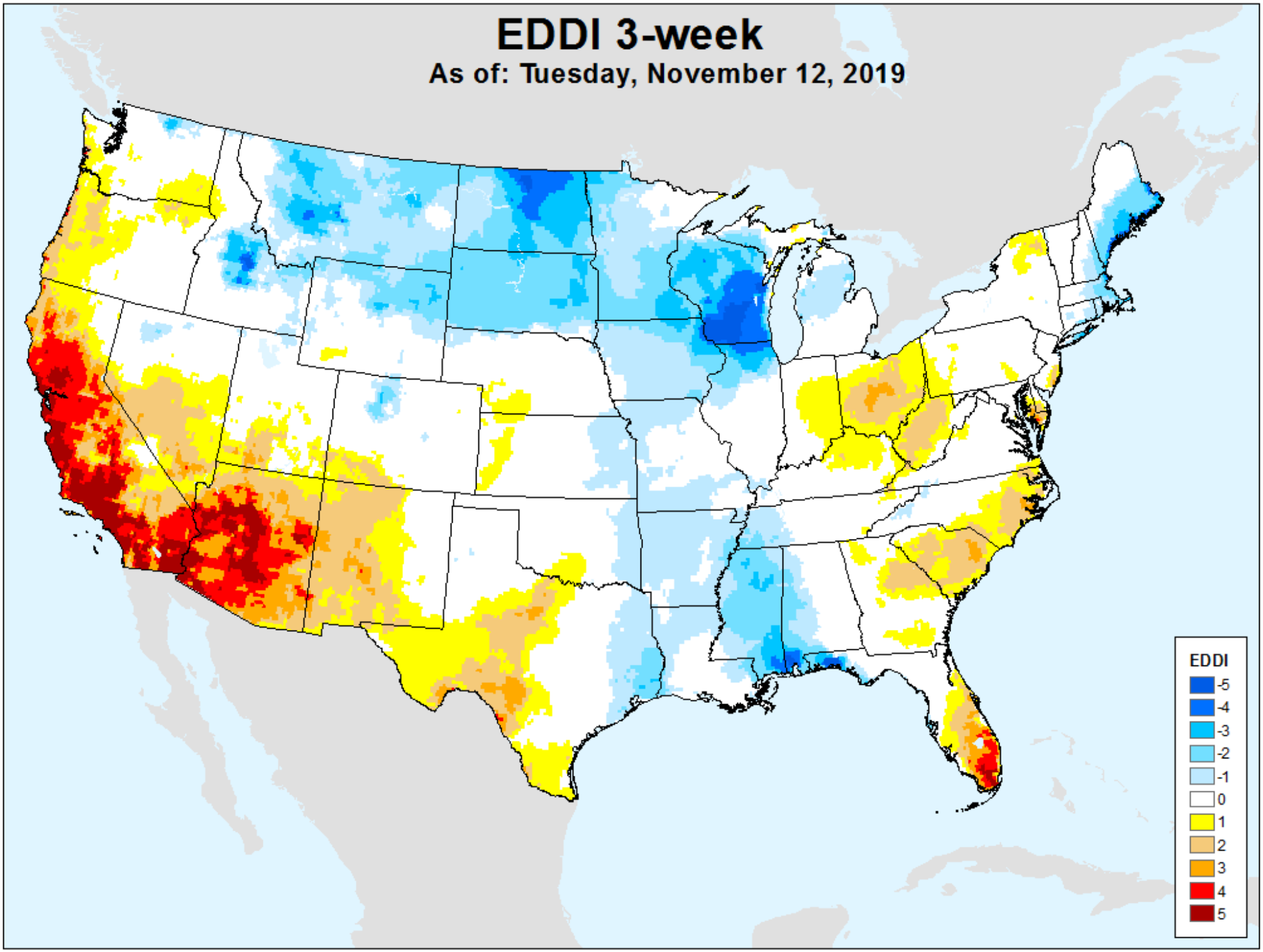
As of: Tuesday, November 12, 2019




EDDI 3-week
As of: Tuesday, November 12, 2019
EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5
USDM for: Nov. 5, 2019

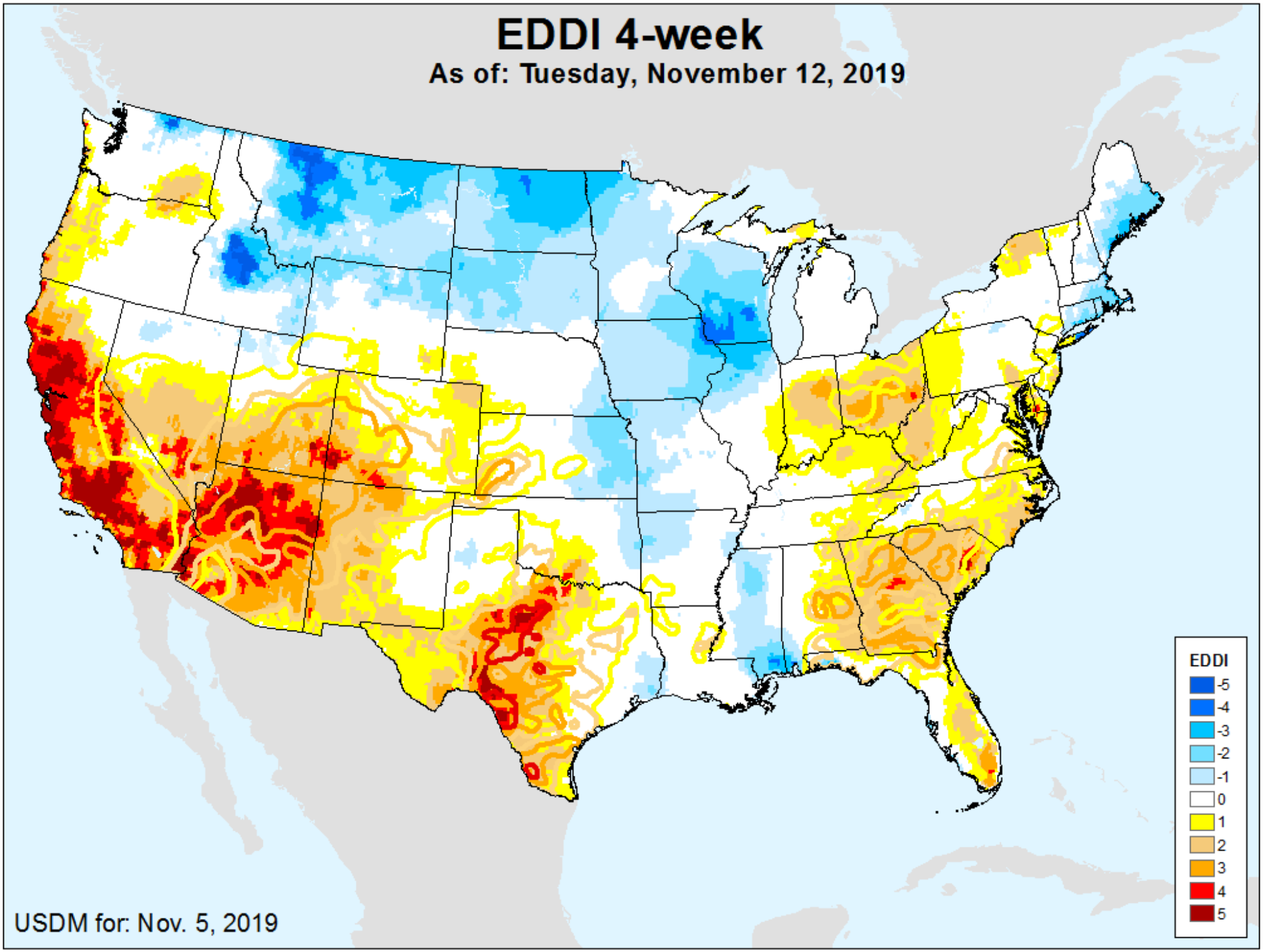
EDDI 3-week

As of: Tuesday, November 12, 2019



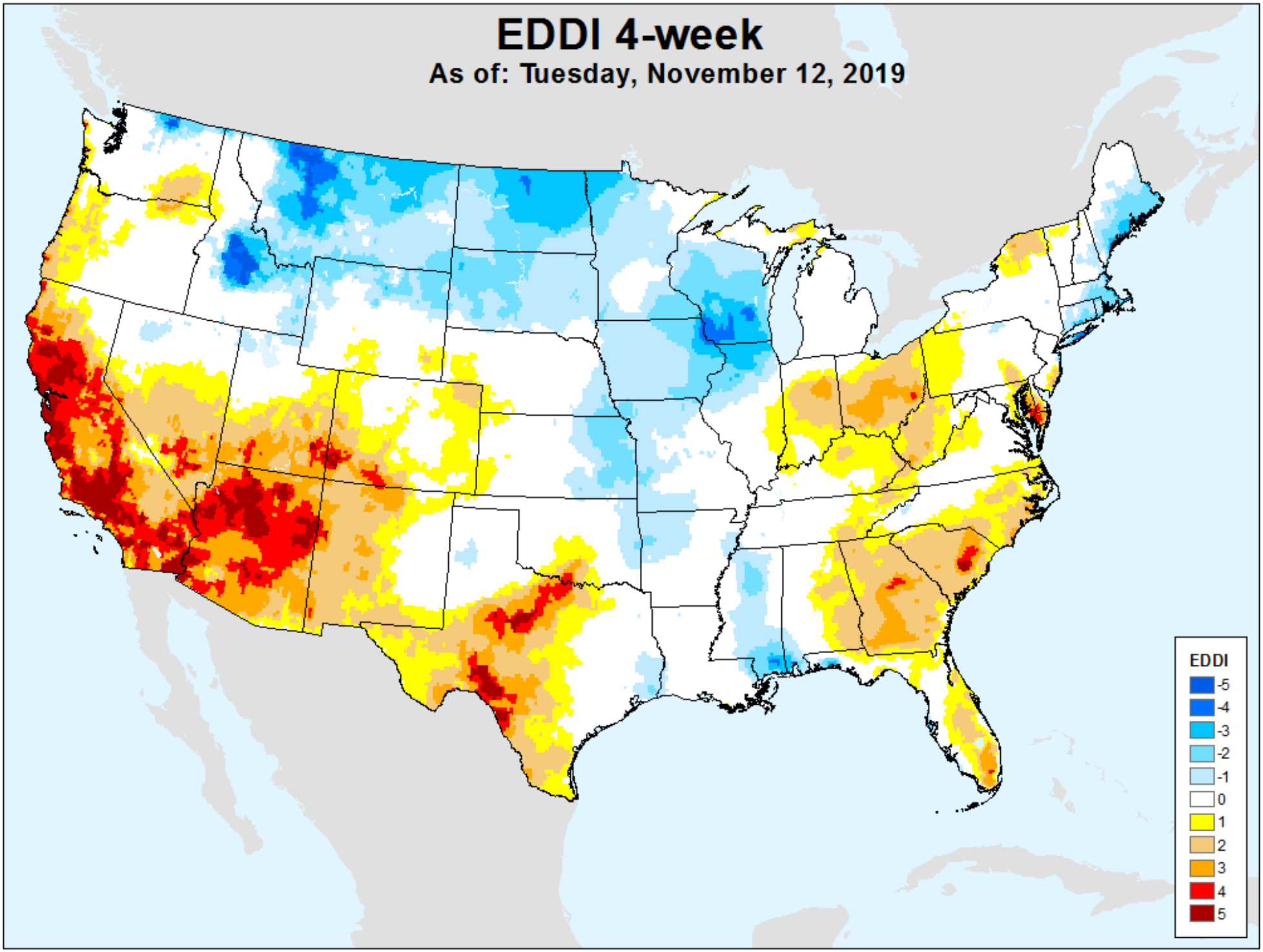
EDDI 4-week

As of: Tuesday, November 12, 2019



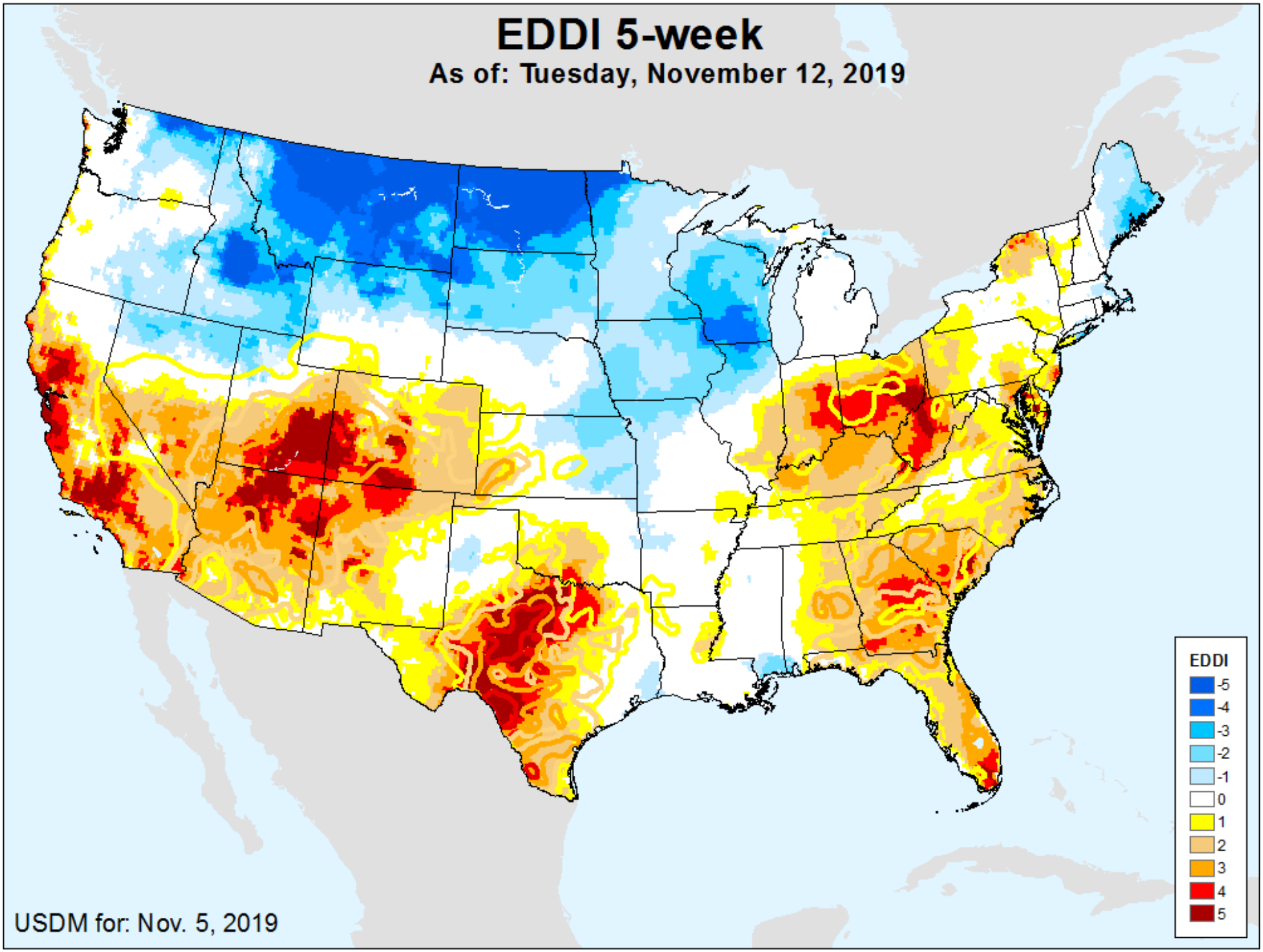
EDDI 4-week

As of: Tuesday, November 12, 2019



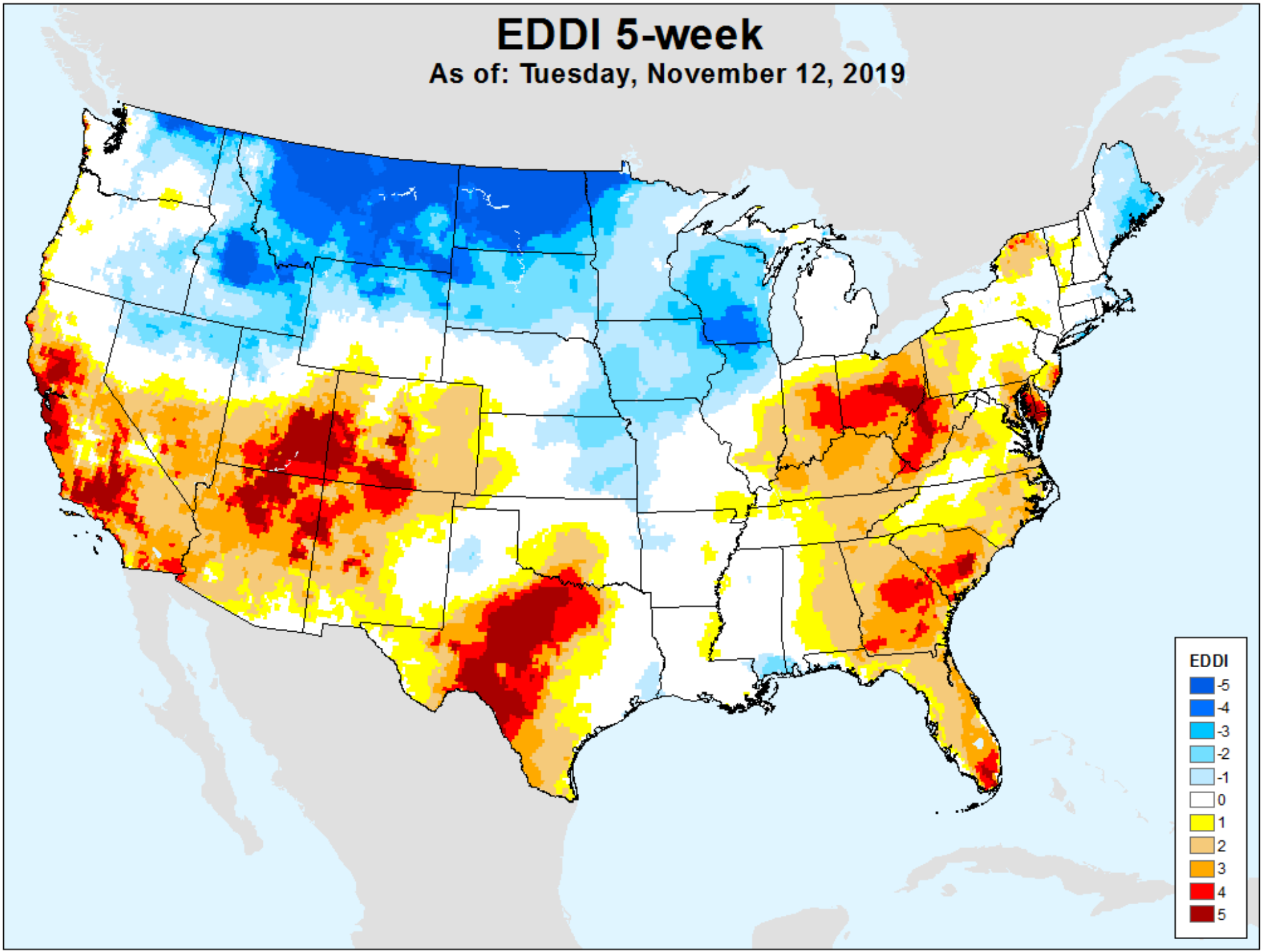
EDDI 5-week

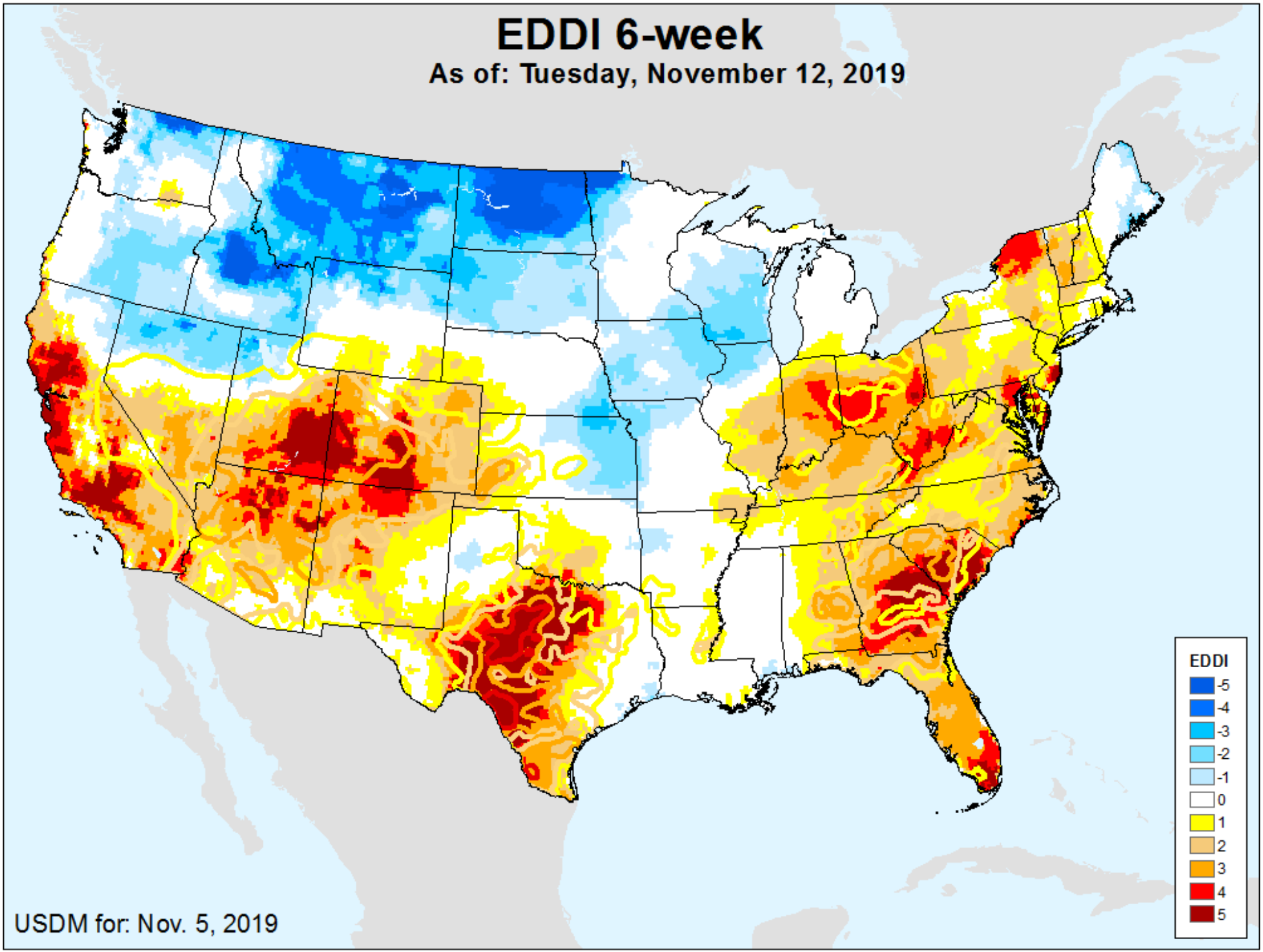
As of: Tuesday, November 12, 2019



EDDI 5-week

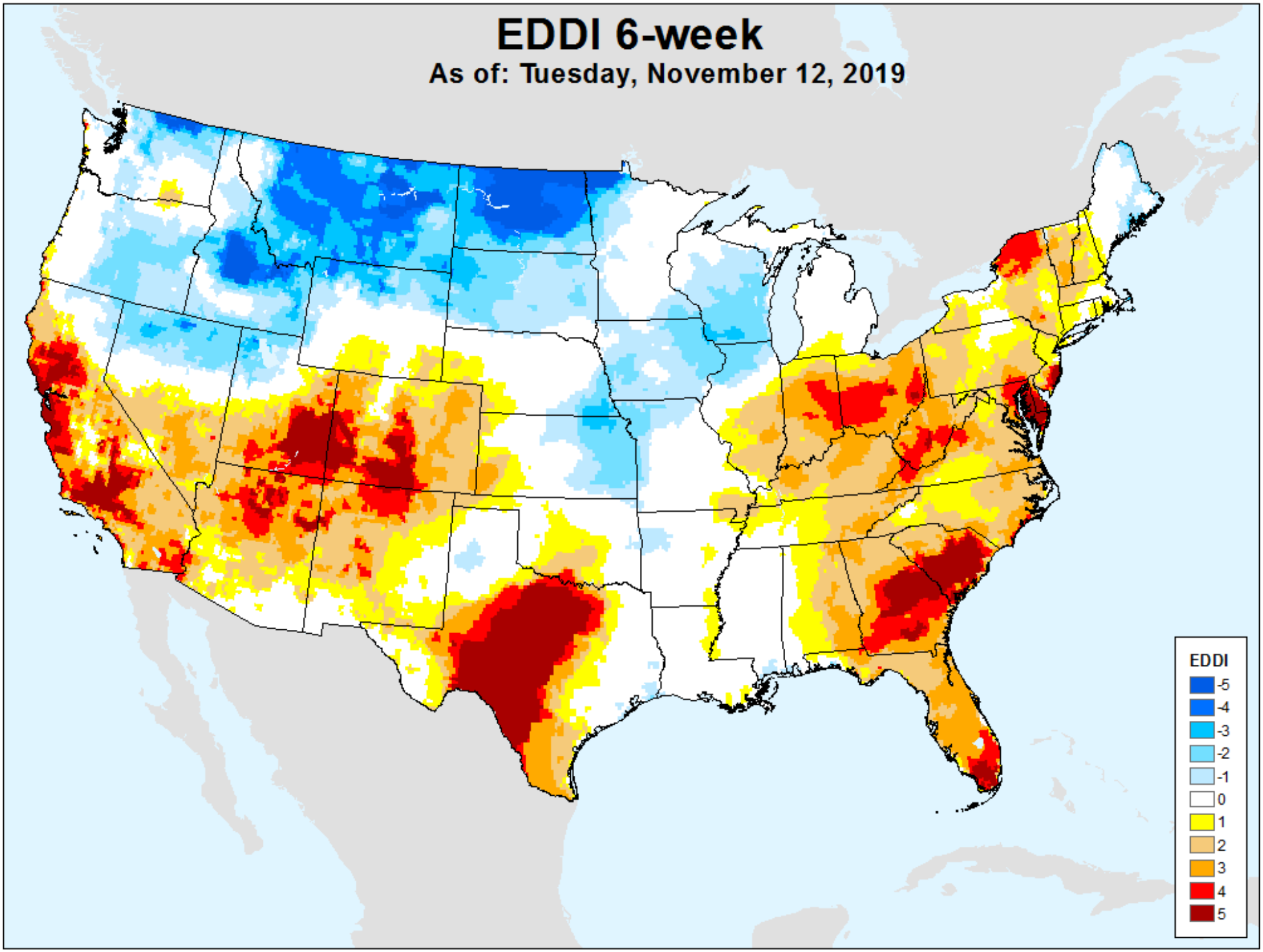
As of: Tuesday, November 12, 2019

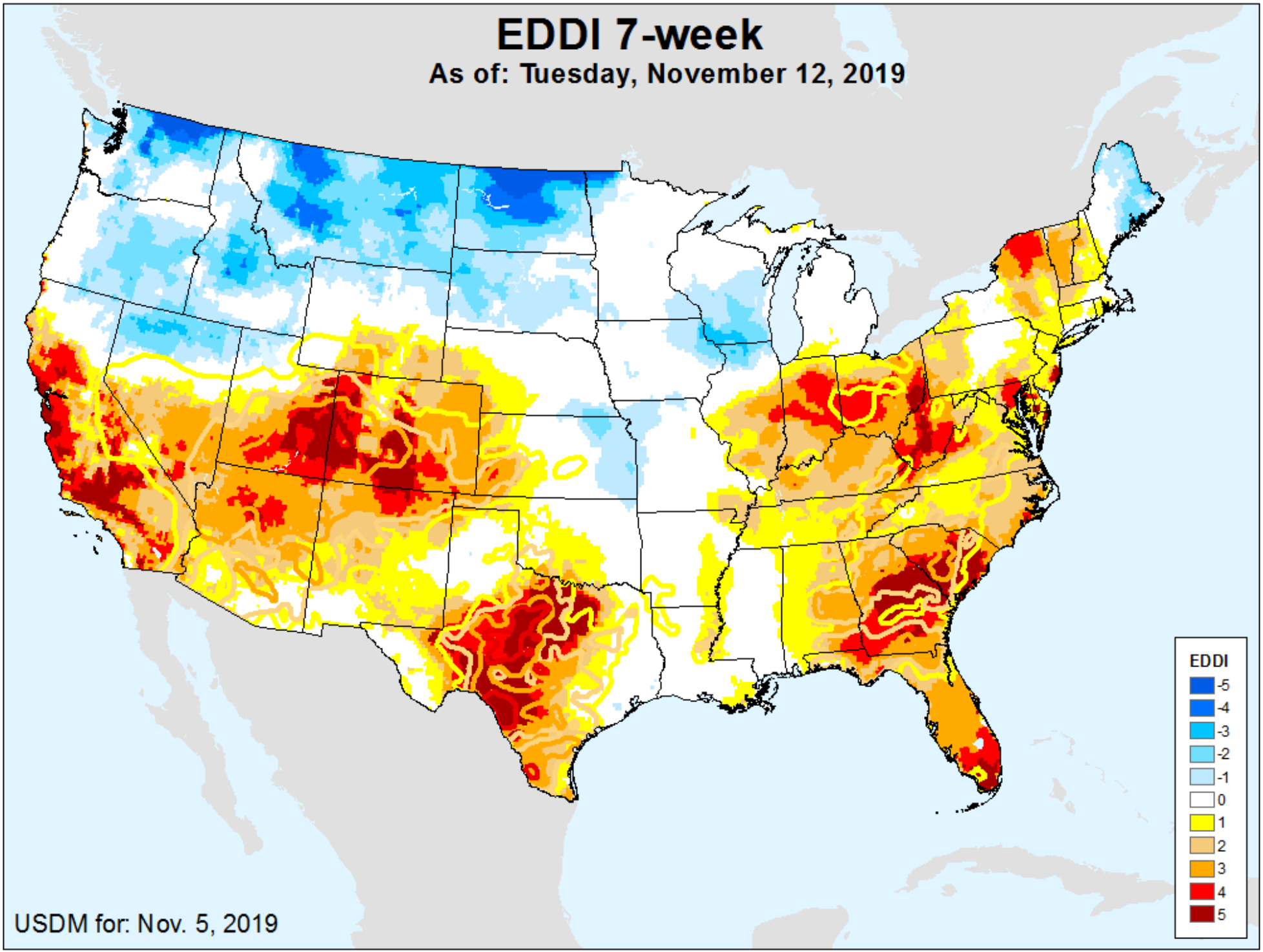



EDDI 6-week
As of: Tuesday, November 12, 2019
EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5
USDM for: Nov. 5, 2019

EDDI 6-week

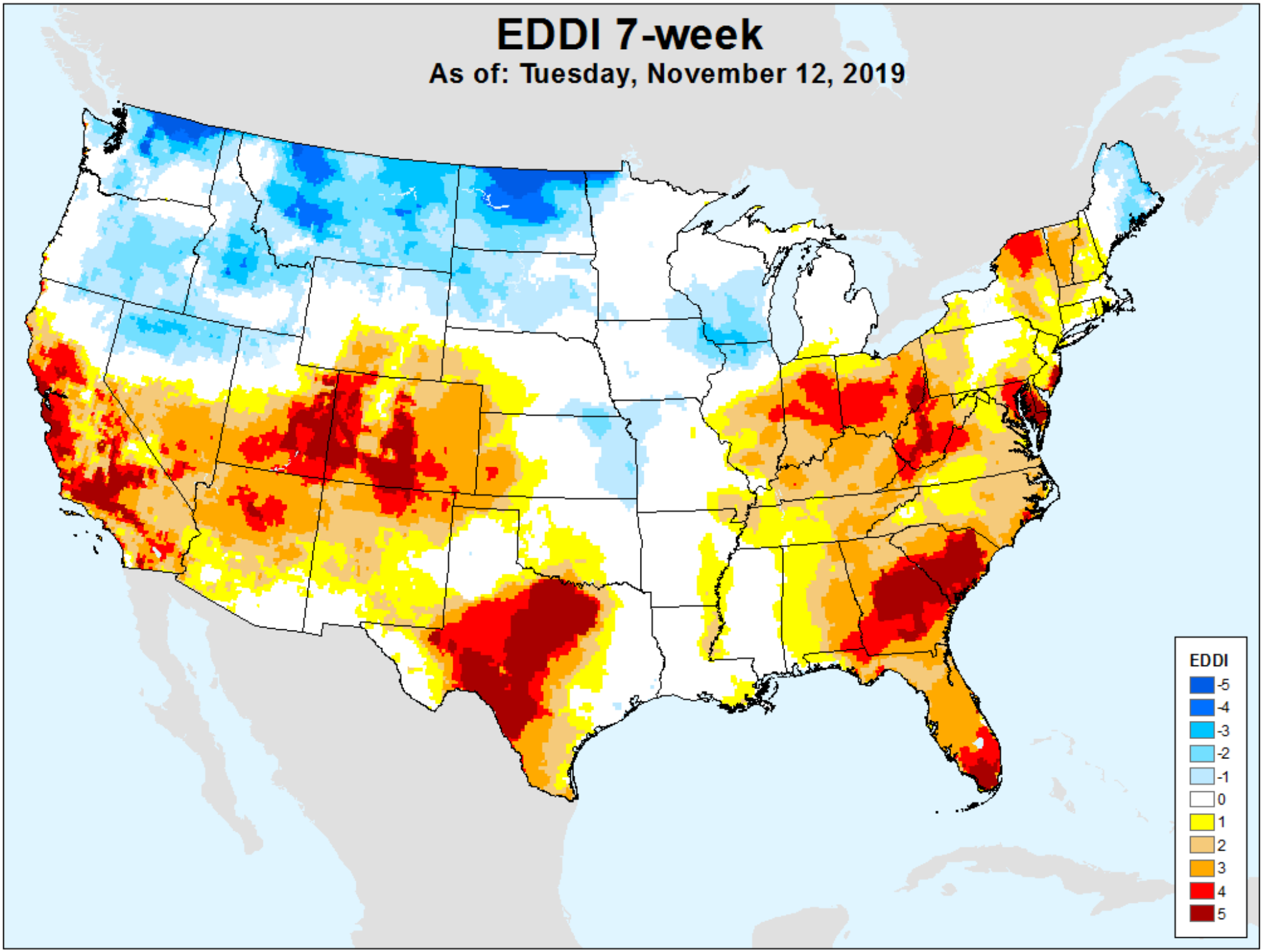
As of: Tuesday, November 12, 2019




EDDI 7-week
As of: Tuesday, November 12, 2019
EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5
USDM for: Nov. 5, 2019

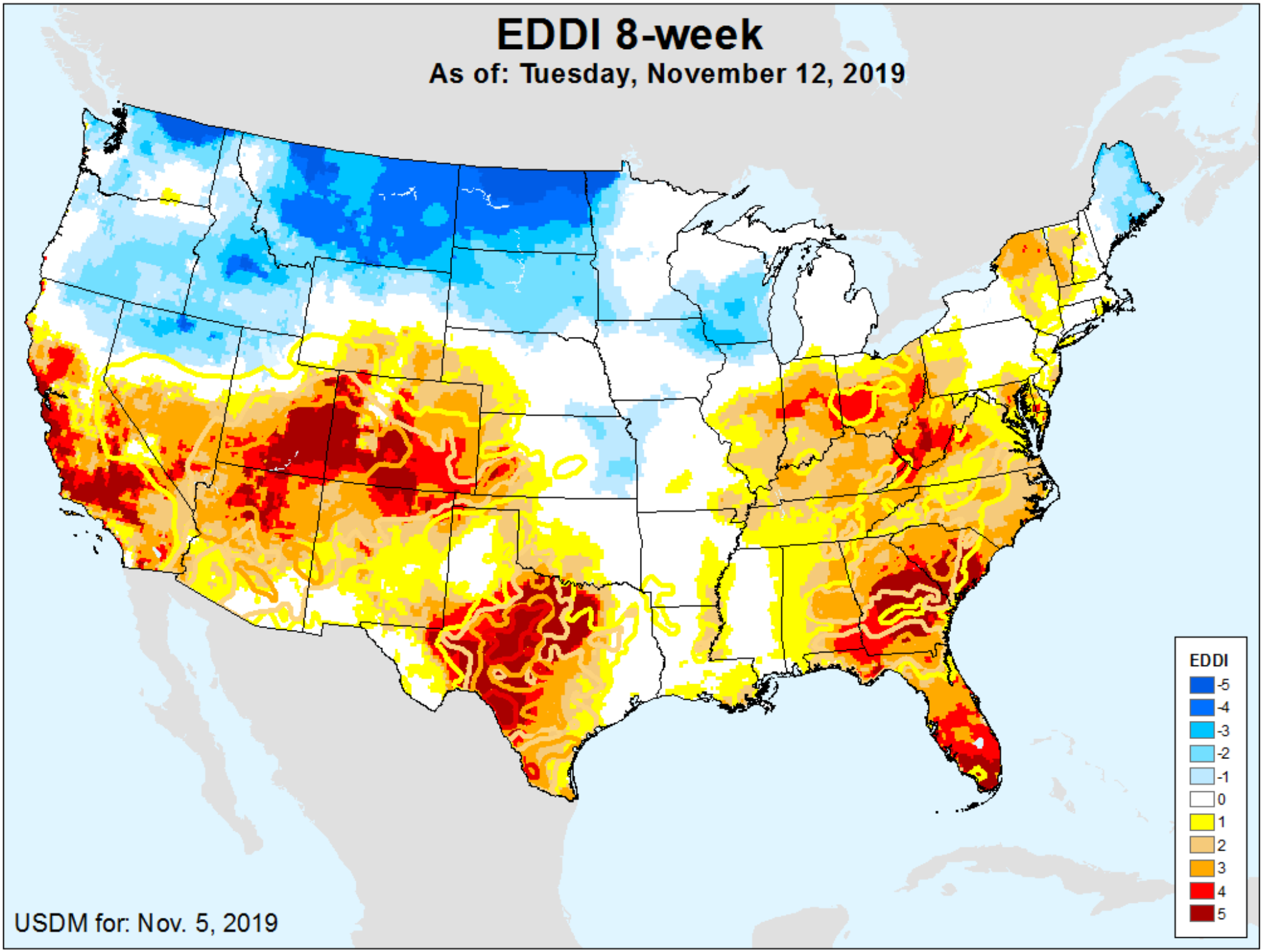
EDDI 7-week

As of: Tuesday, November 12, 2019



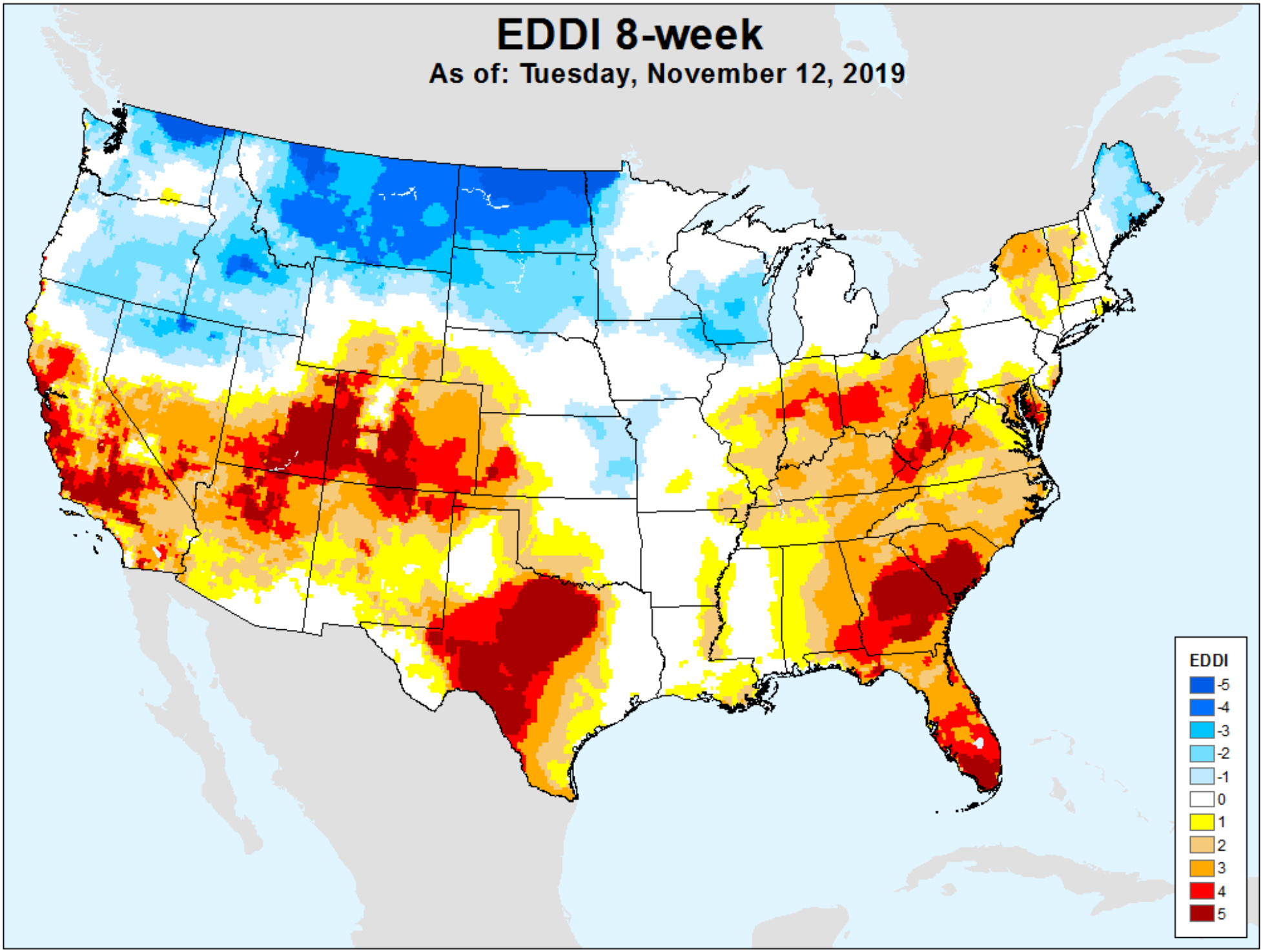
EDDI 8-week

As of: Tuesday, November 12, 2019



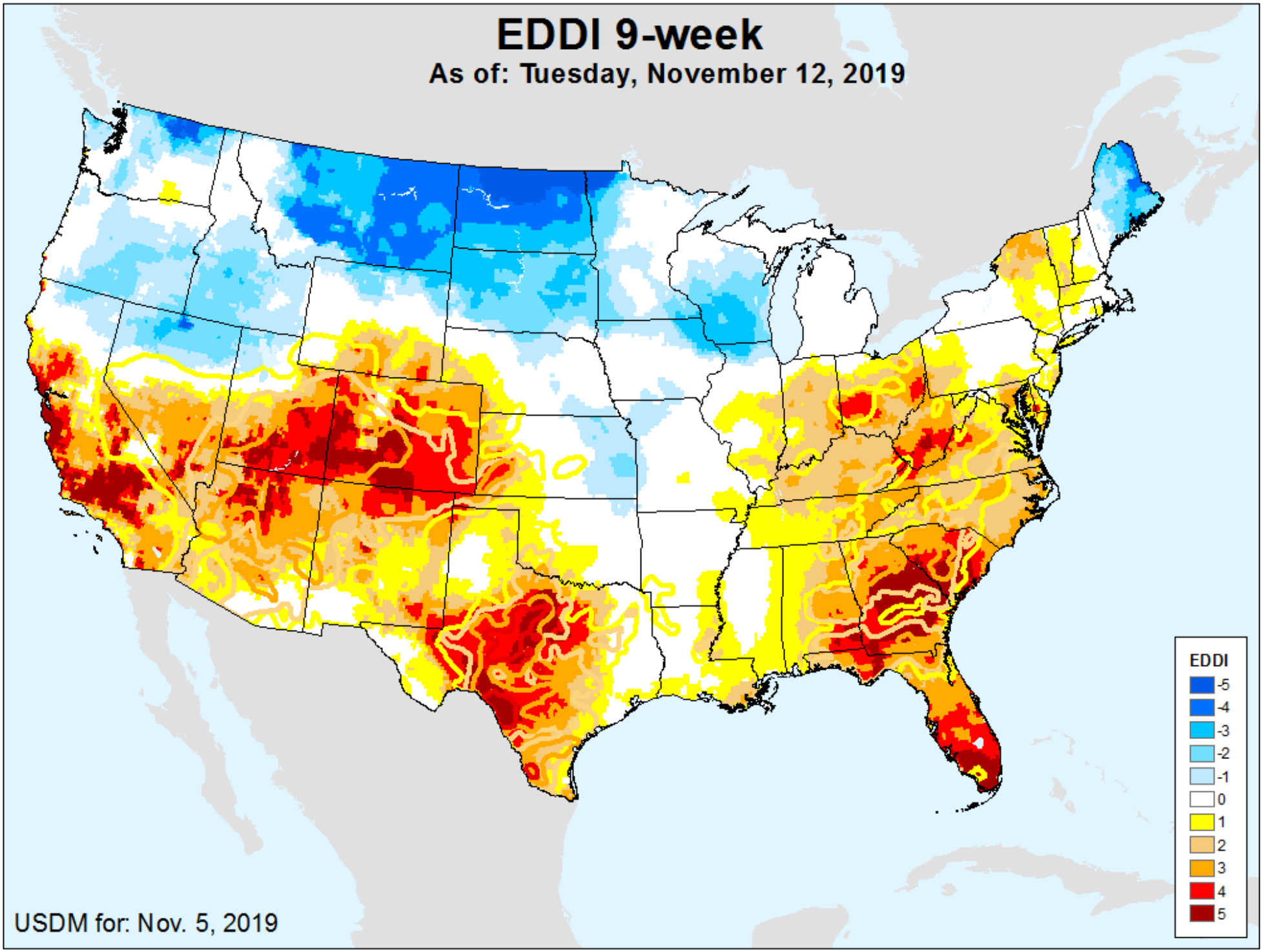
EDDI 8-week

As of: Tuesday, November 12, 2019



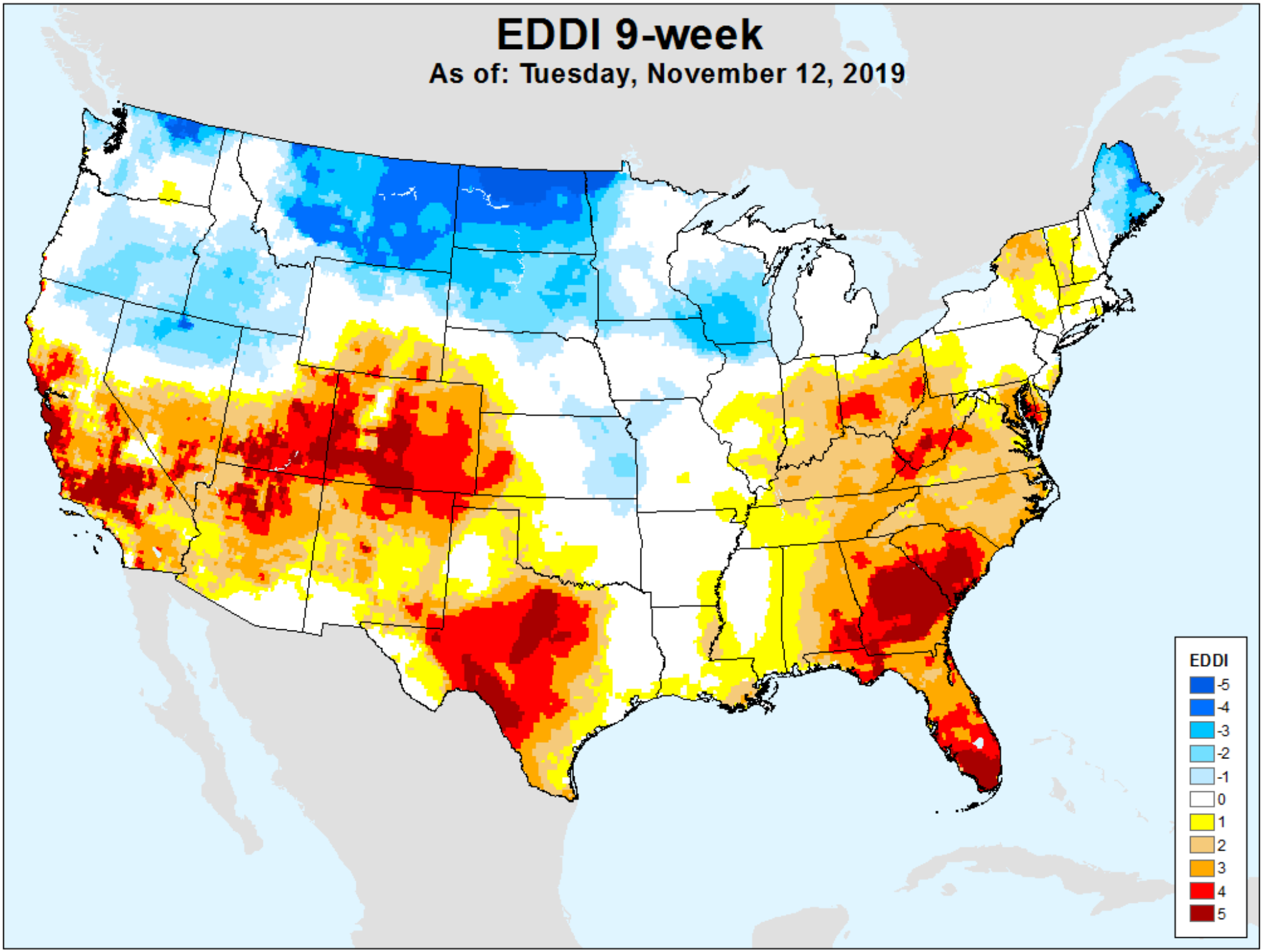
EDDI 9-week

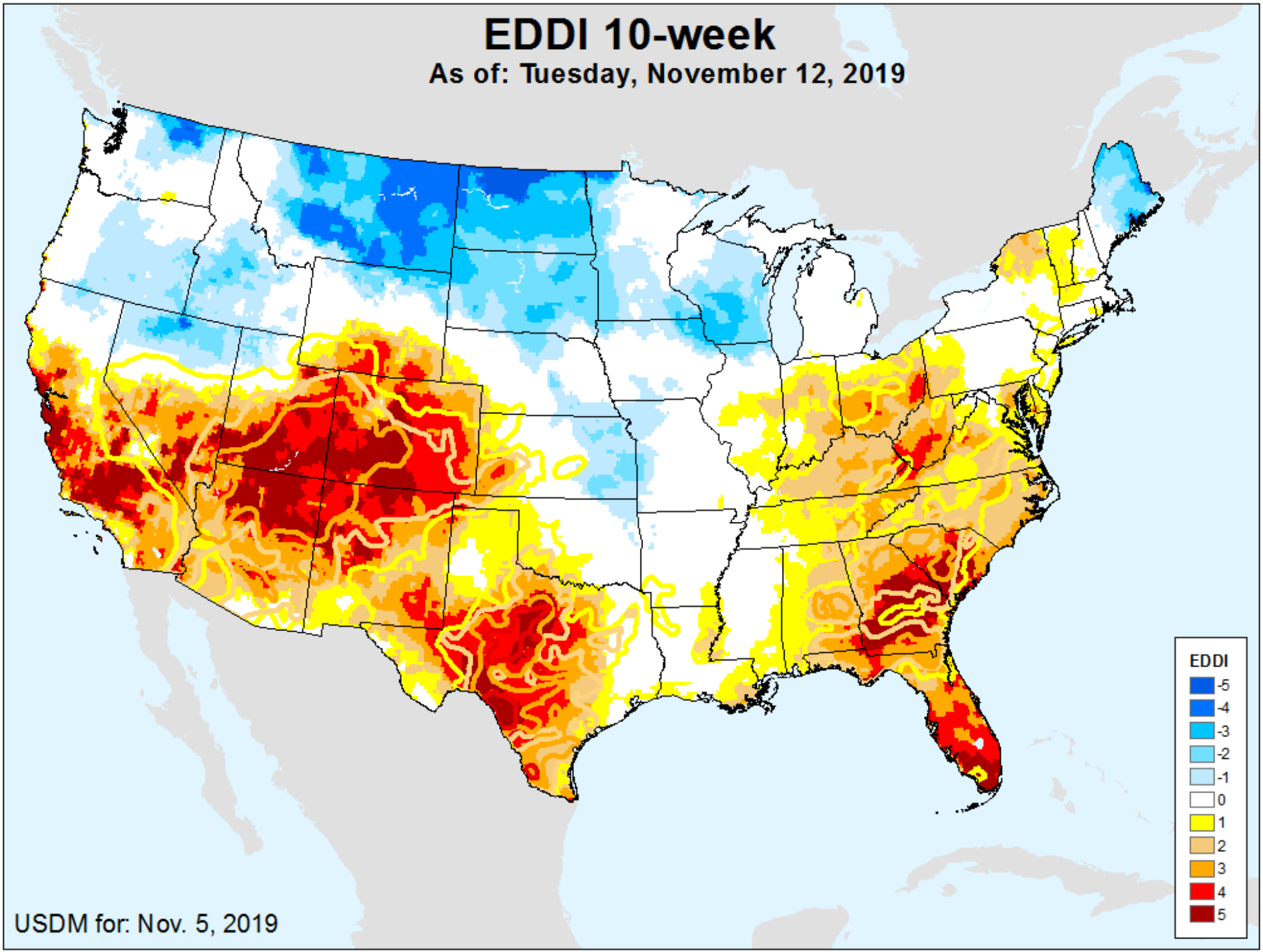
As of: Tuesday, November 12, 2019



EDDI 9-week

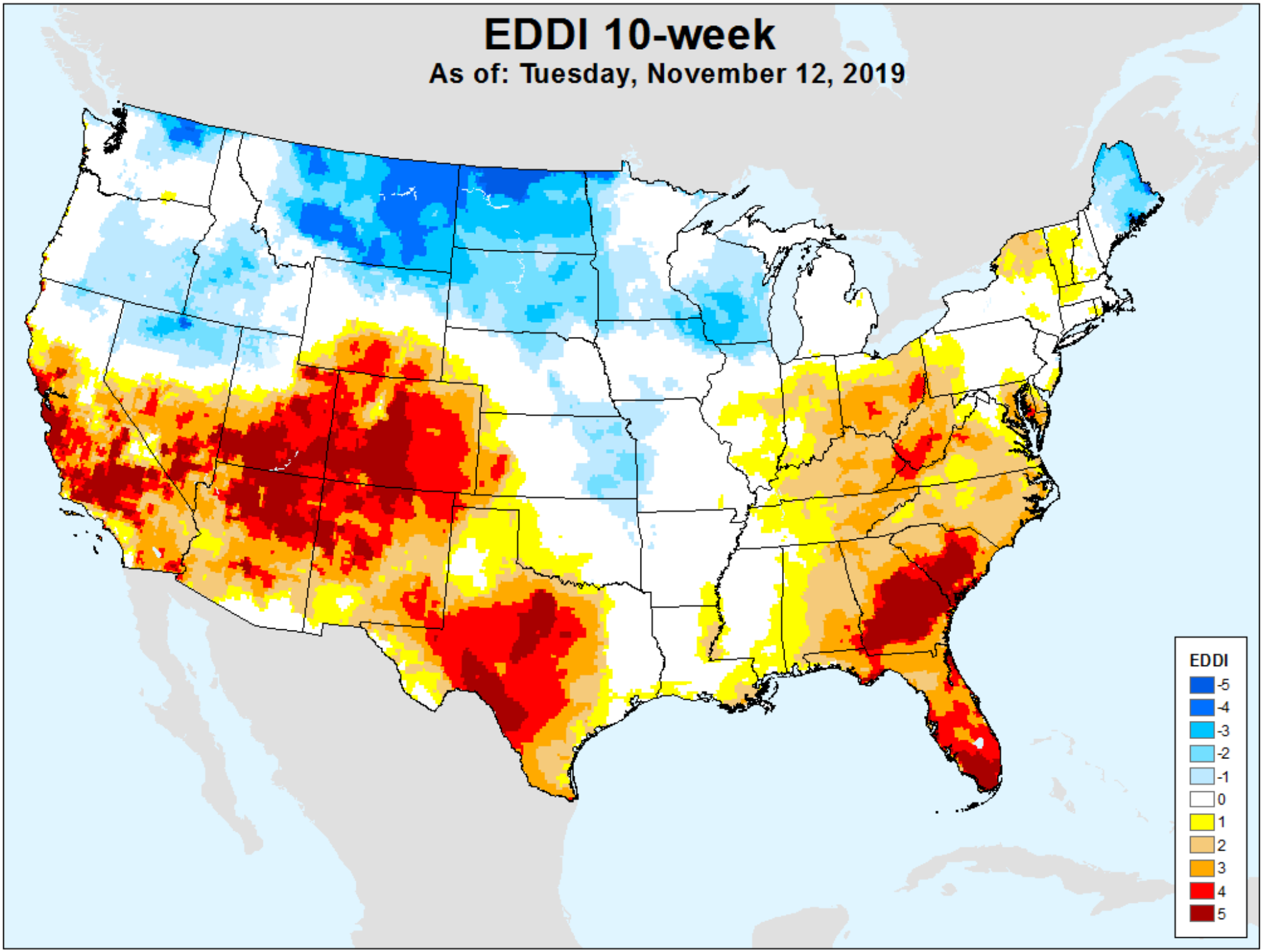
As of: Tuesday, November 12, 2019

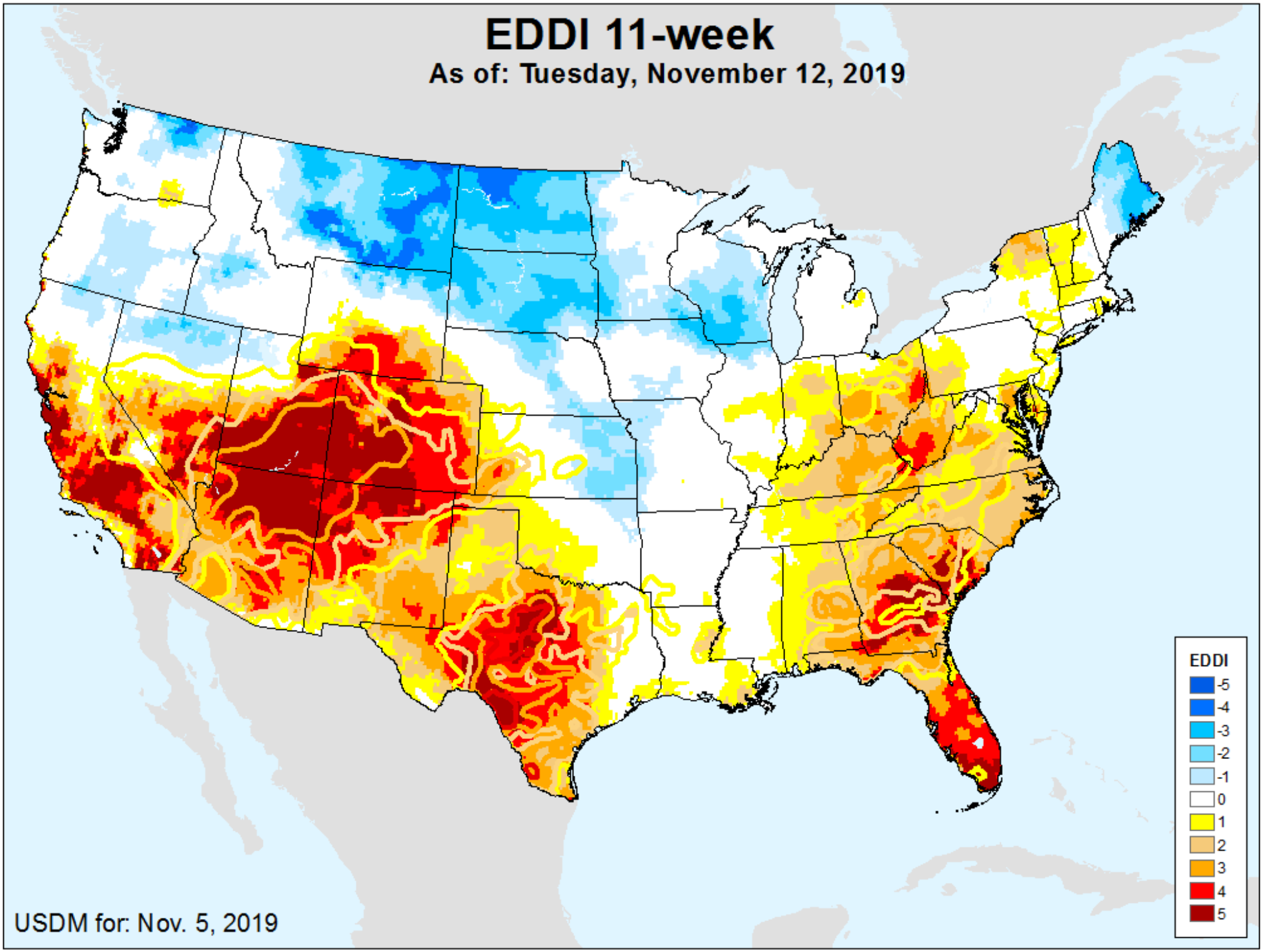



EDDI 10-week
As of: Tuesday, November 12, 2019
EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5
USDM for: Nov. 5, 2019

EDDI 10-week

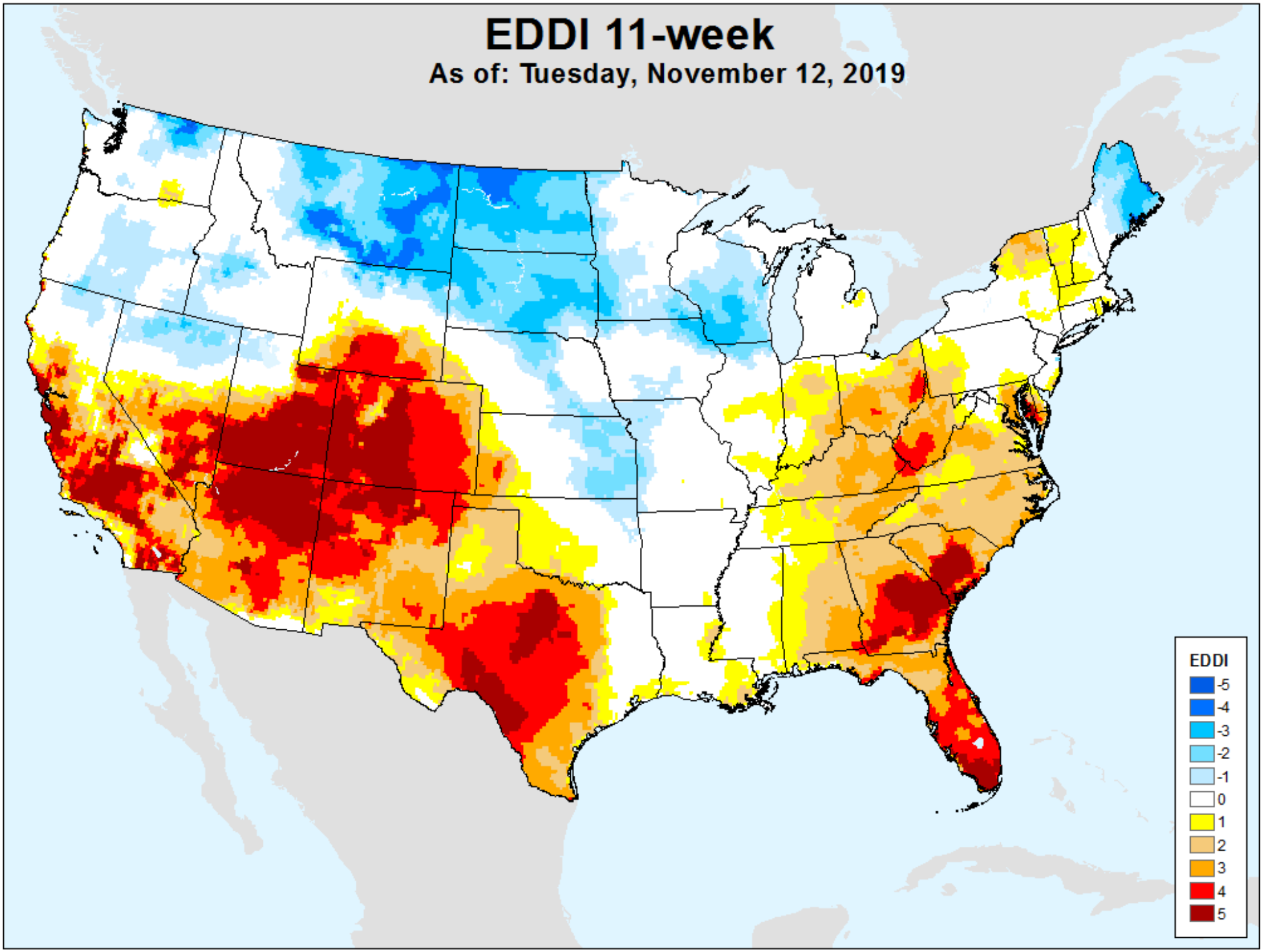
As of: Tuesday, November 12, 2019

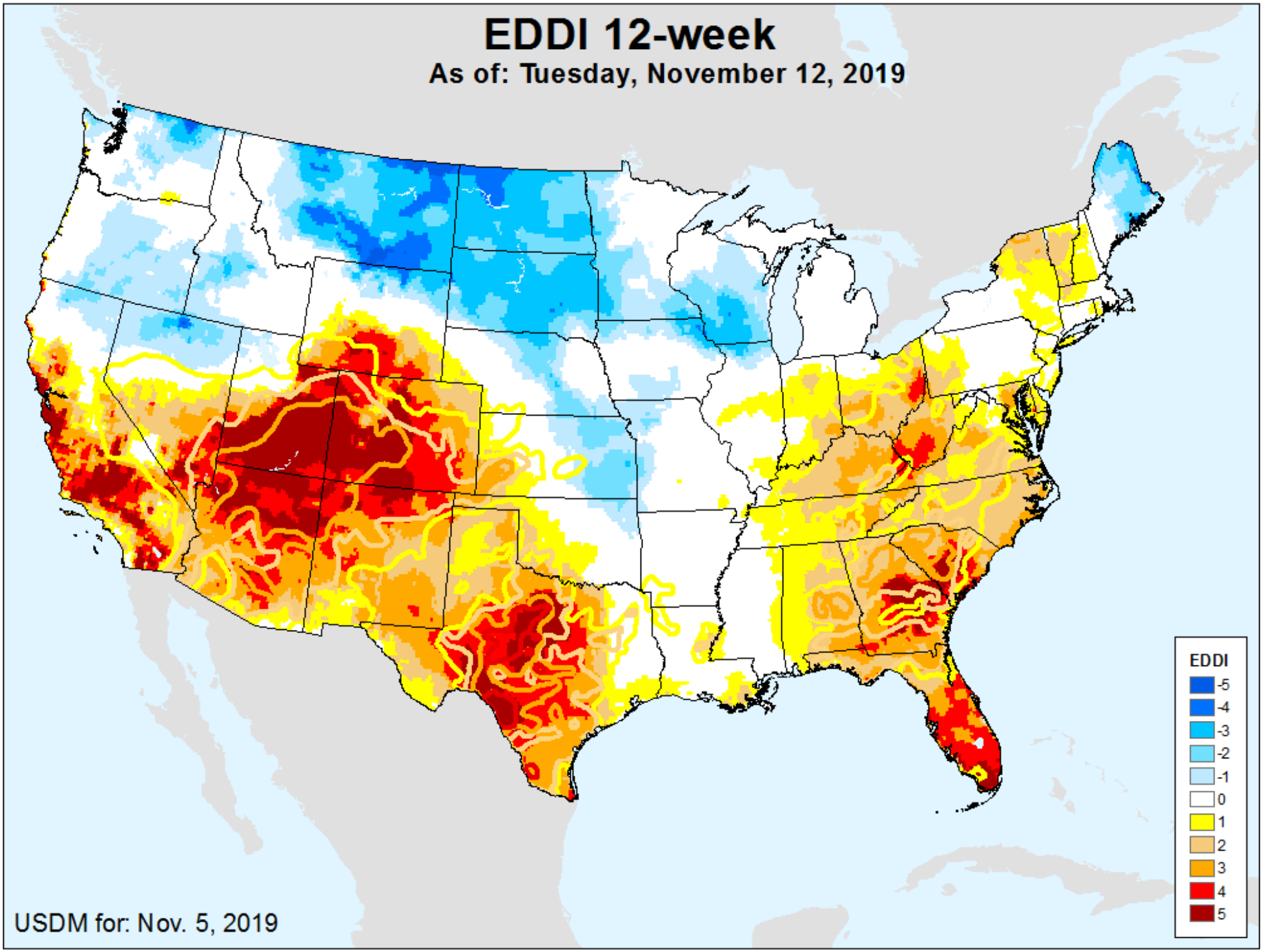



EDDI 11-week
As of: Tuesday, November 12, 2019
EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5
USDM for: Nov. 5, 2019

EDDI 11-week

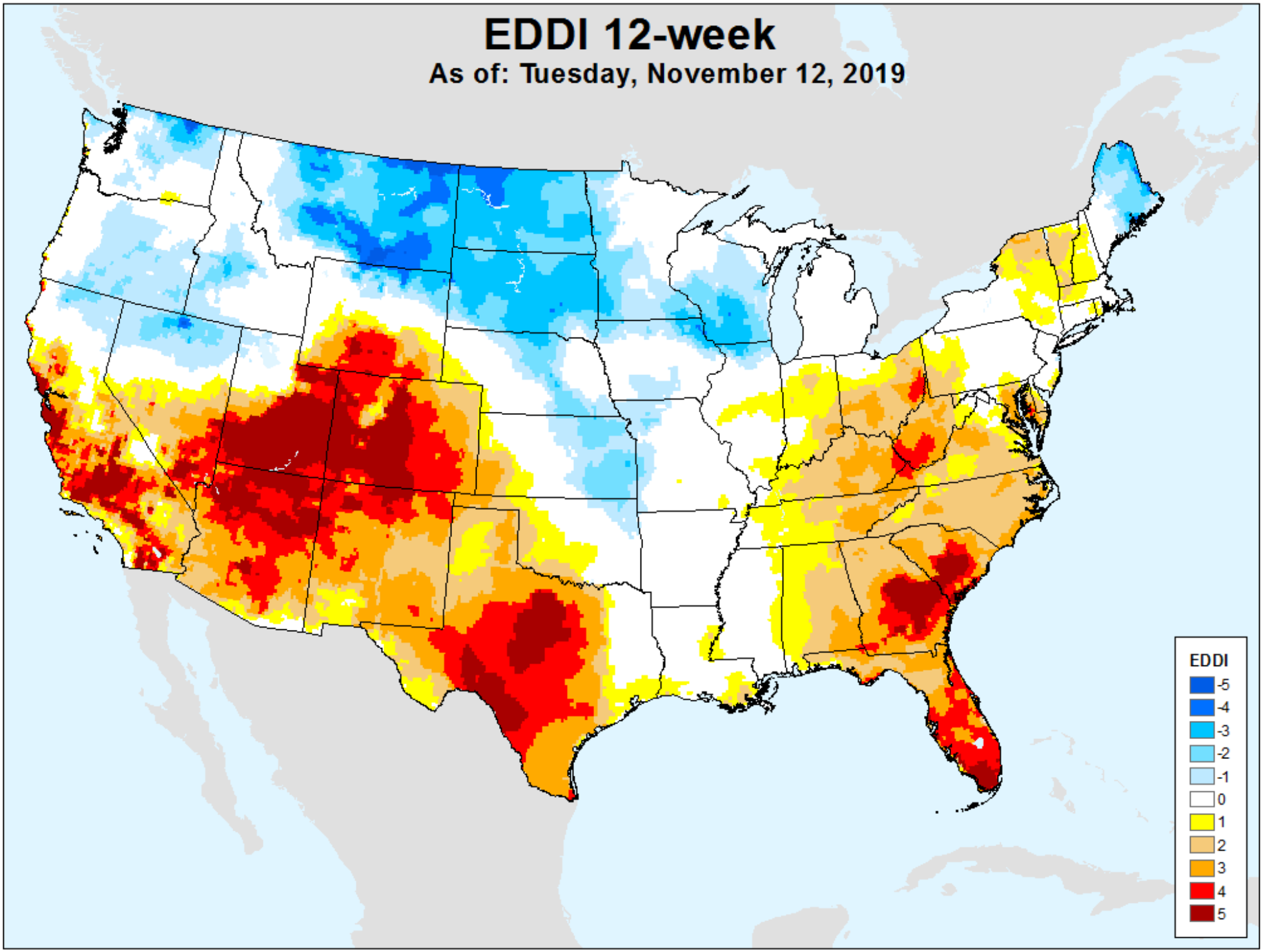
As of: Tuesday, November 12, 2019




EDDI 12-week
As of: Tuesday, November 12, 2019
EDDI
-5
-4
-3
-2
-1
0
1
2
3
4
5
USDM for: Nov. 5, 2019

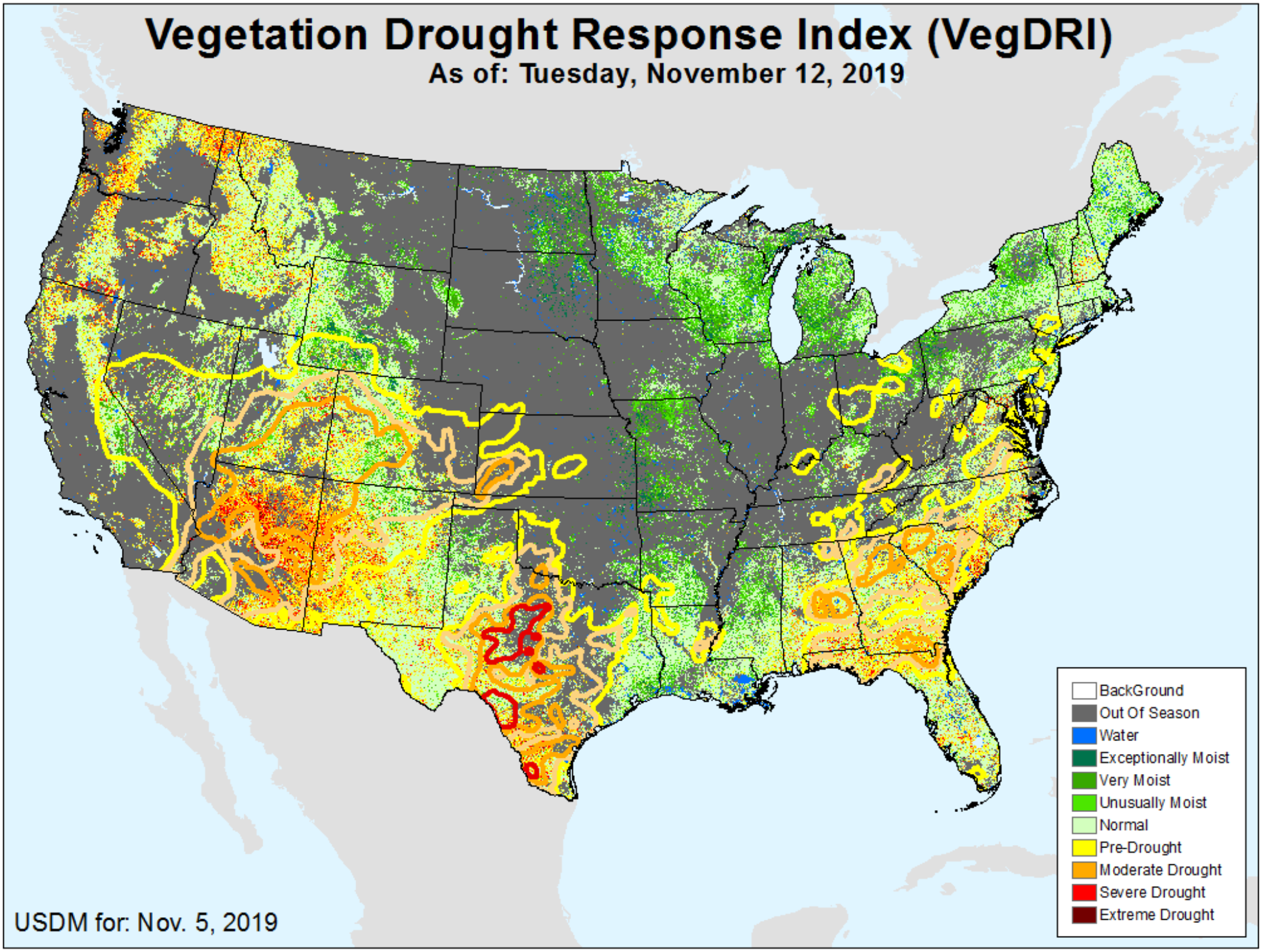
EDDI 12-week

As of: Tuesday, November 12, 2019



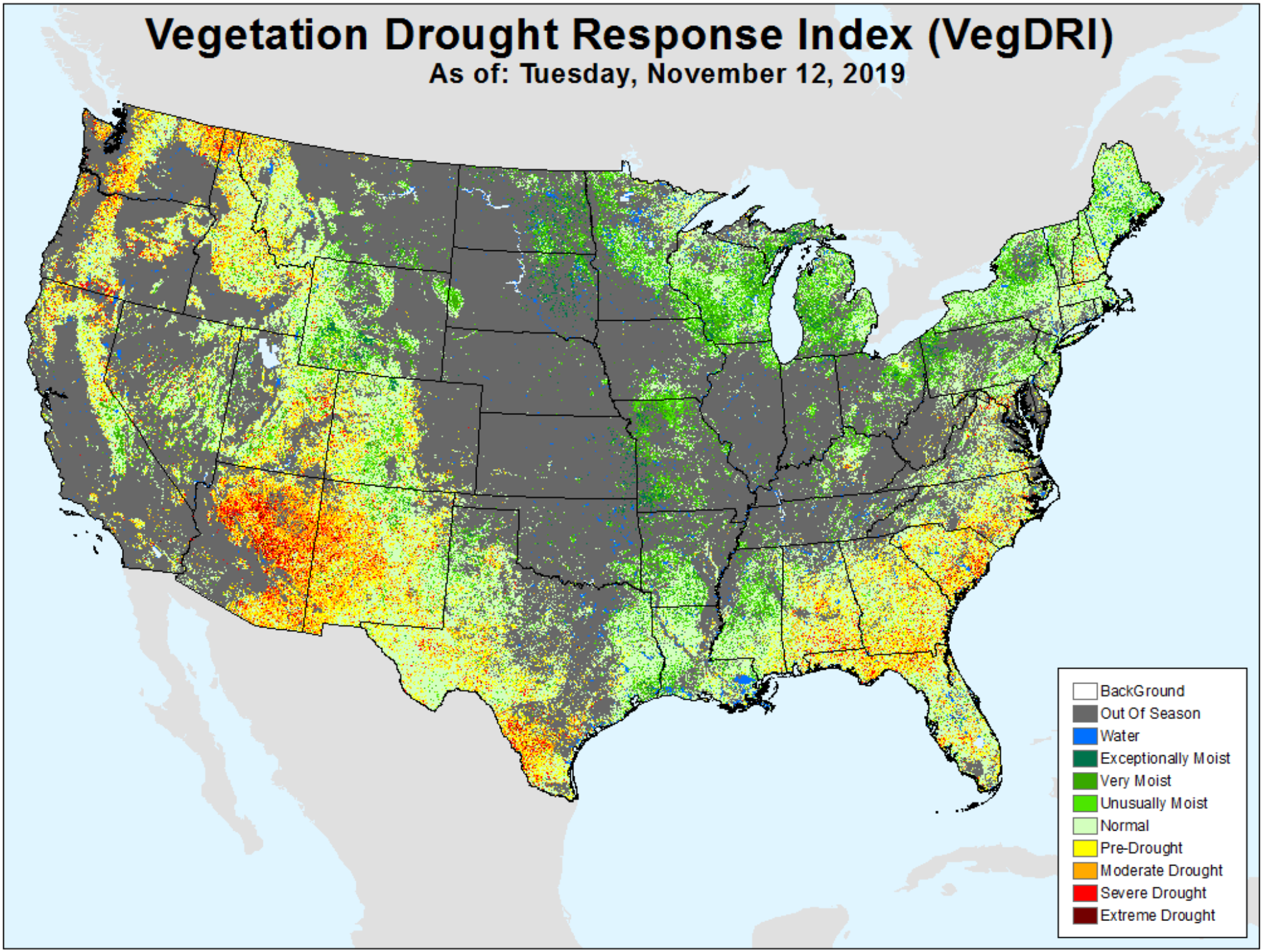
Vegetation Drought Response Index (VegDRI)

As of: Tuesday, November 12, 2019



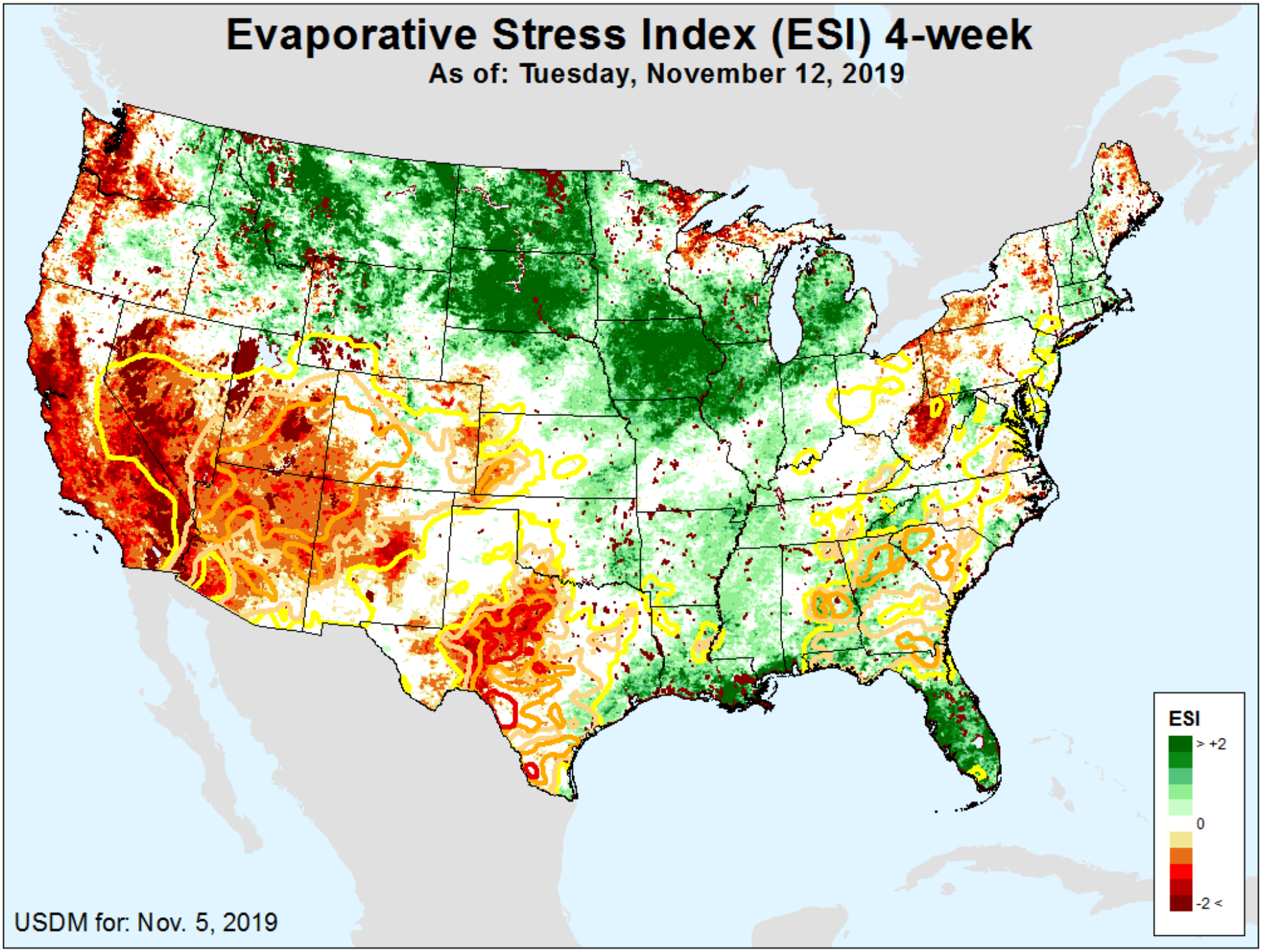
Vegetation Drought Response Index (VegDRI)

As of: Tuesday, November 12, 2019



Evaporative Stress Index (ESI) 4-week

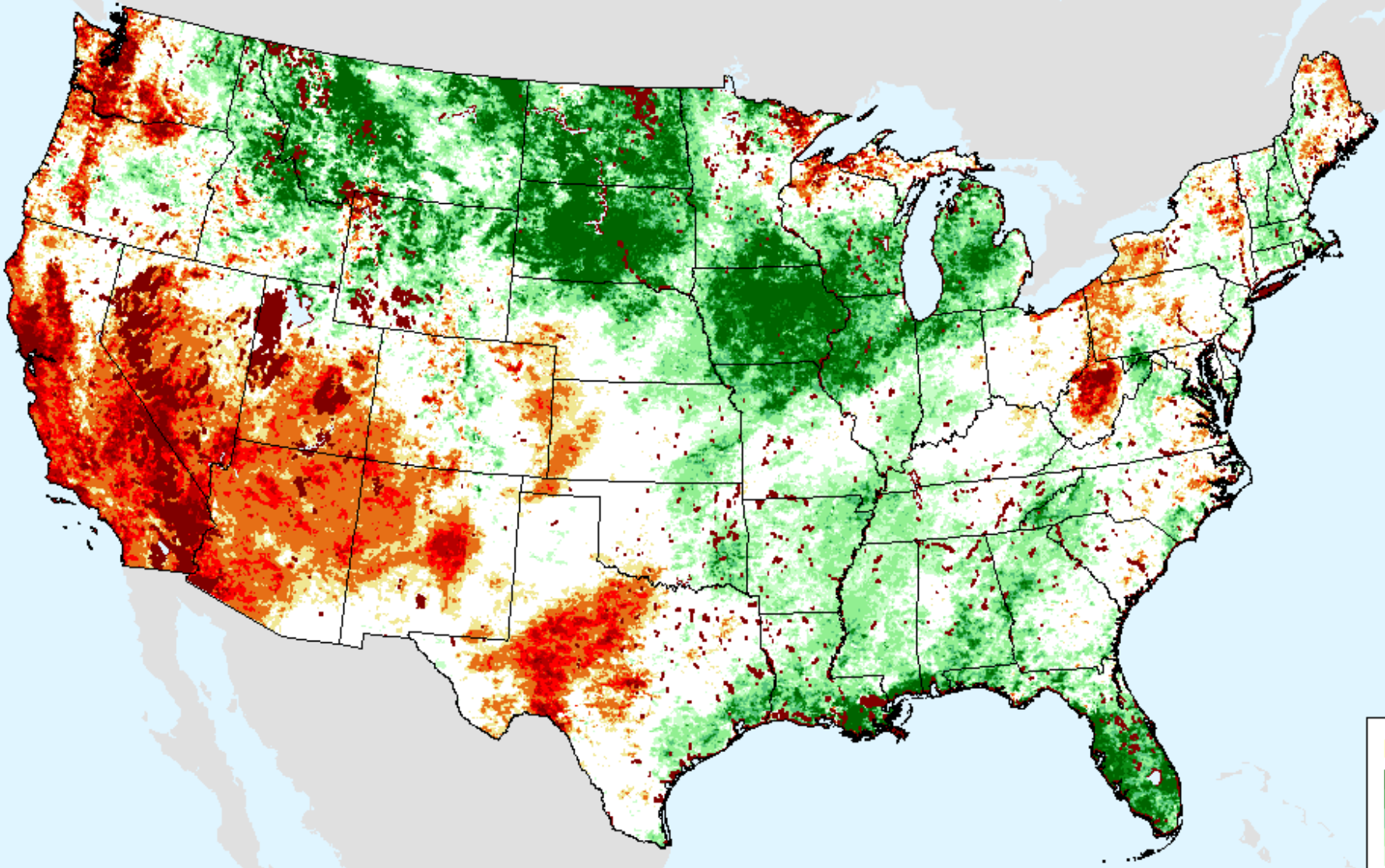
As of: Tuesday, November 12, 2019

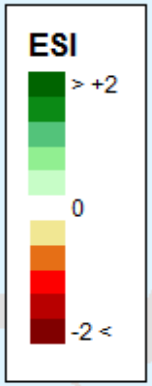


USDM for: Nov. 5, 2019

Evaporative Stress Index (ESI) 4-week

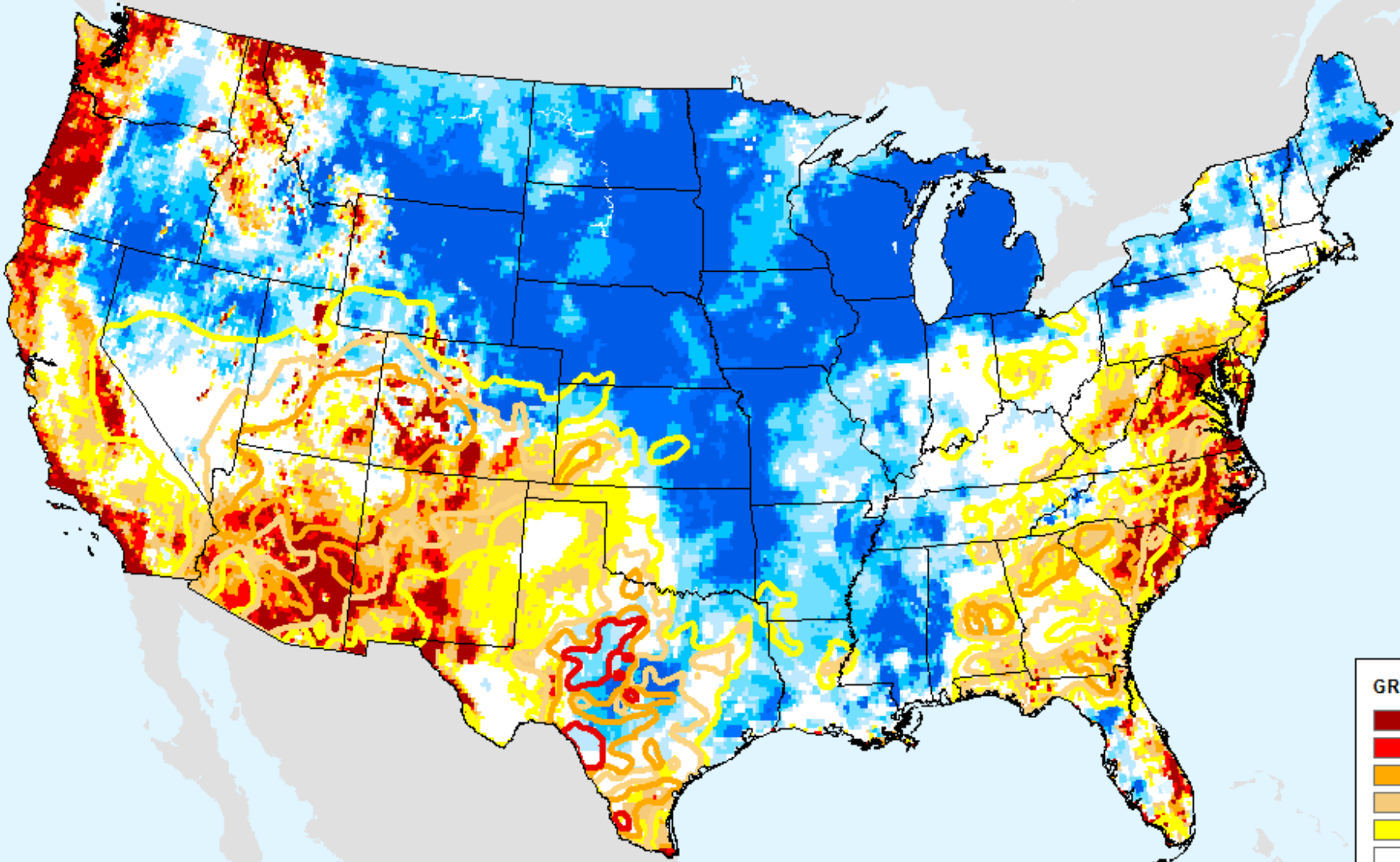
As of: Tuesday, November 12, 2019





GRACE-Based Shallow Groundwater Drought Indicator

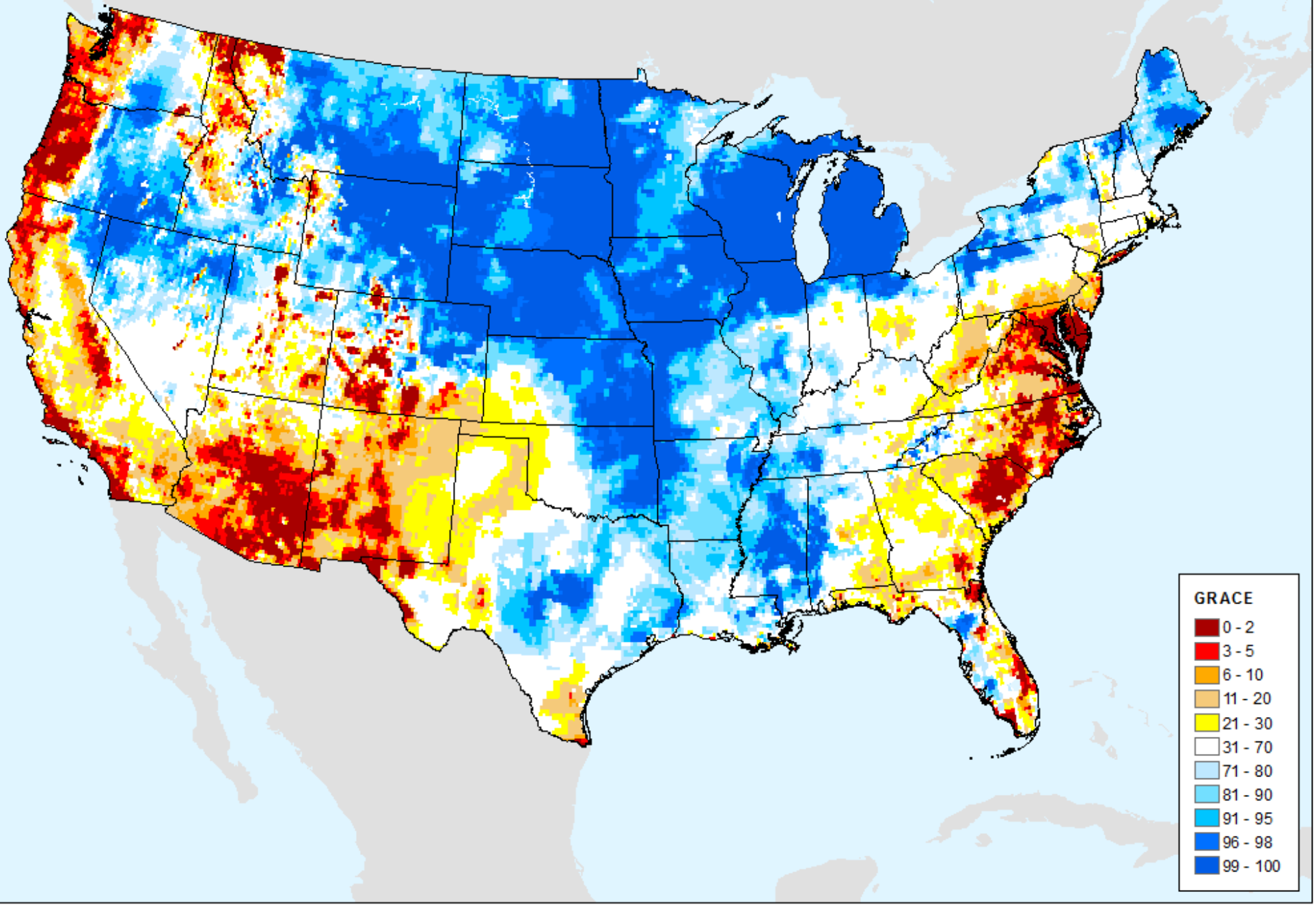
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

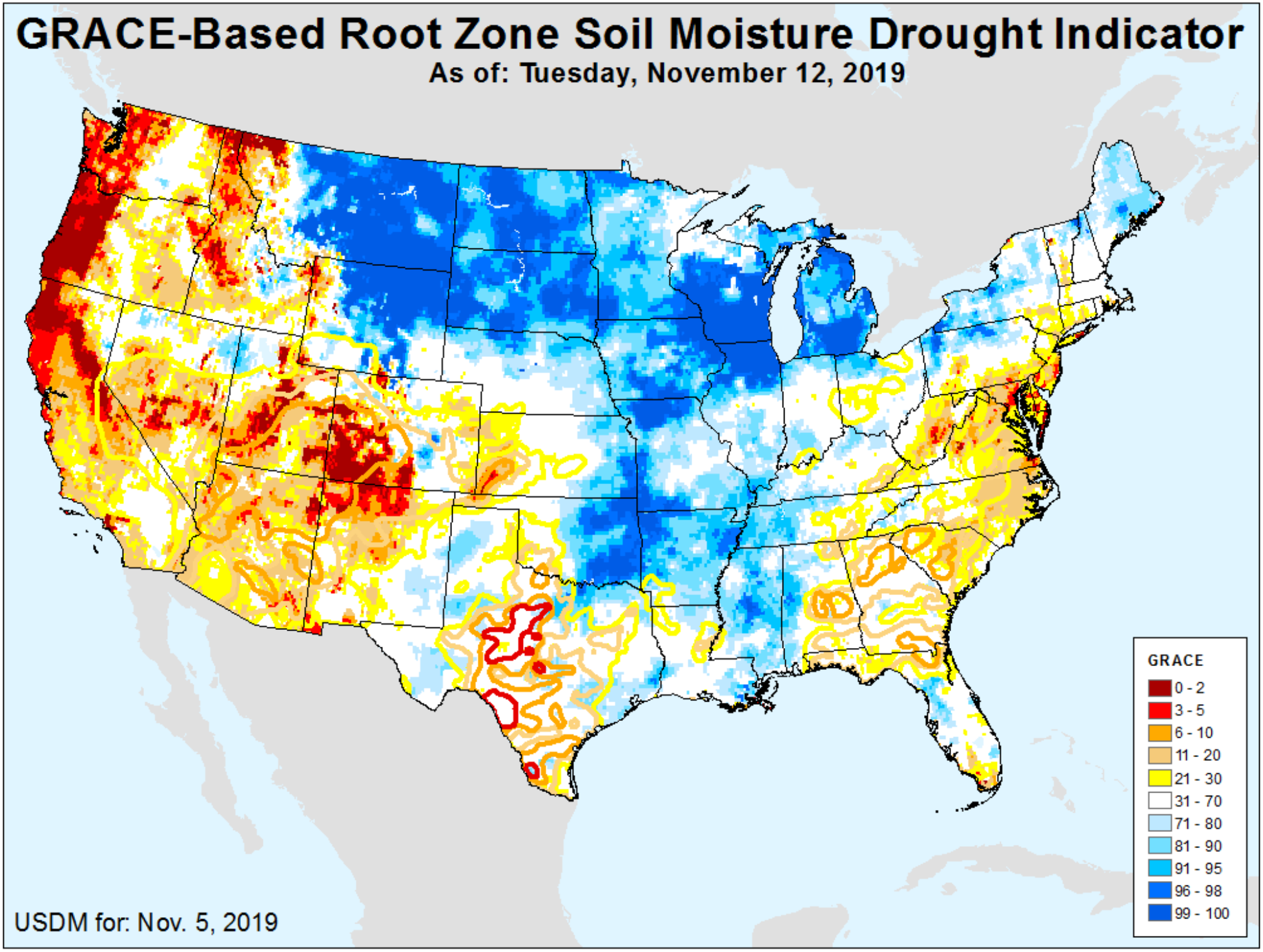
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, November 12, 2019



GRACE-Based Root Zone Soil Moisture Drought Indicator

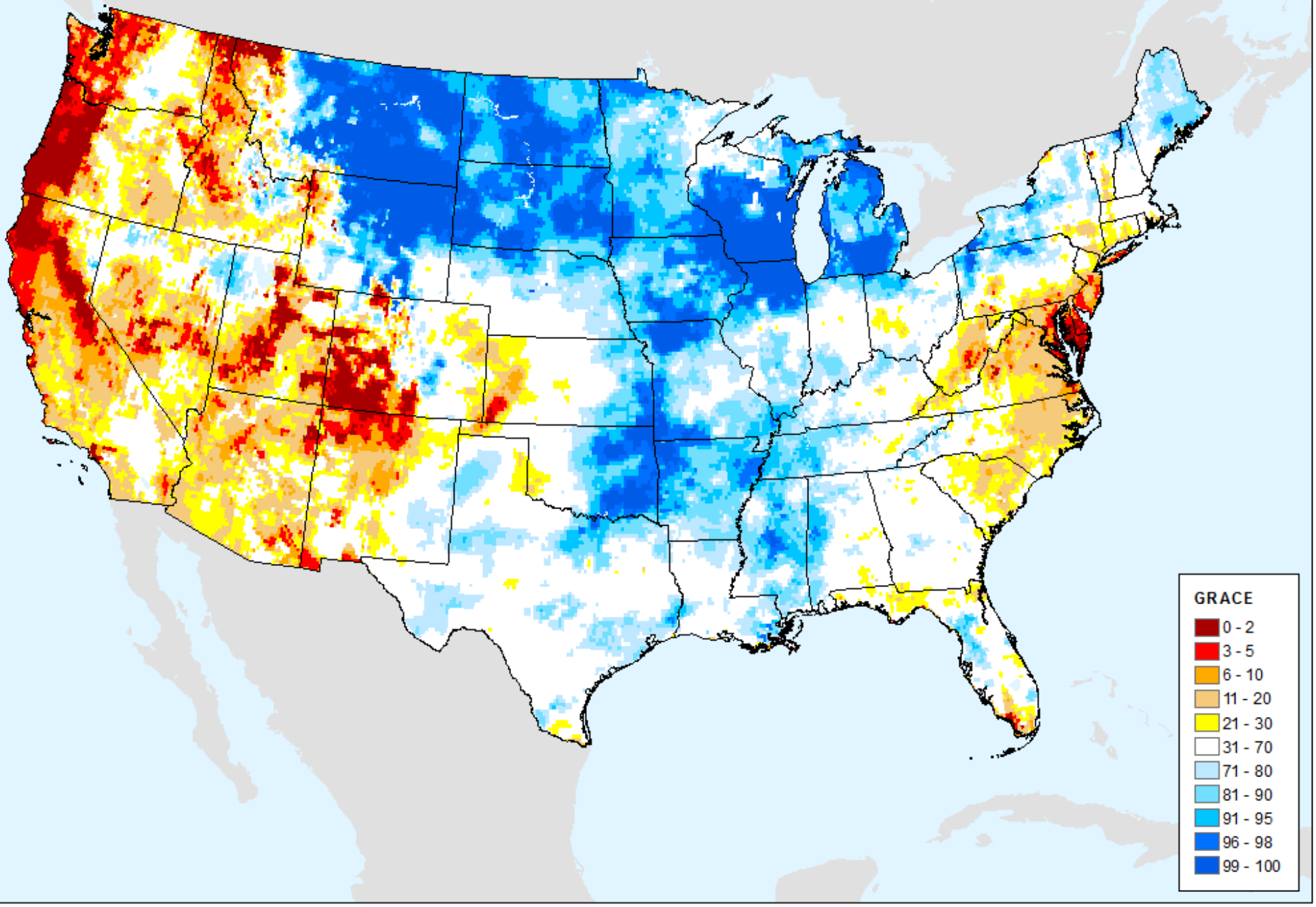
As of: Tuesday, November 12, 2019



USDM for: Nov. 5, 2019

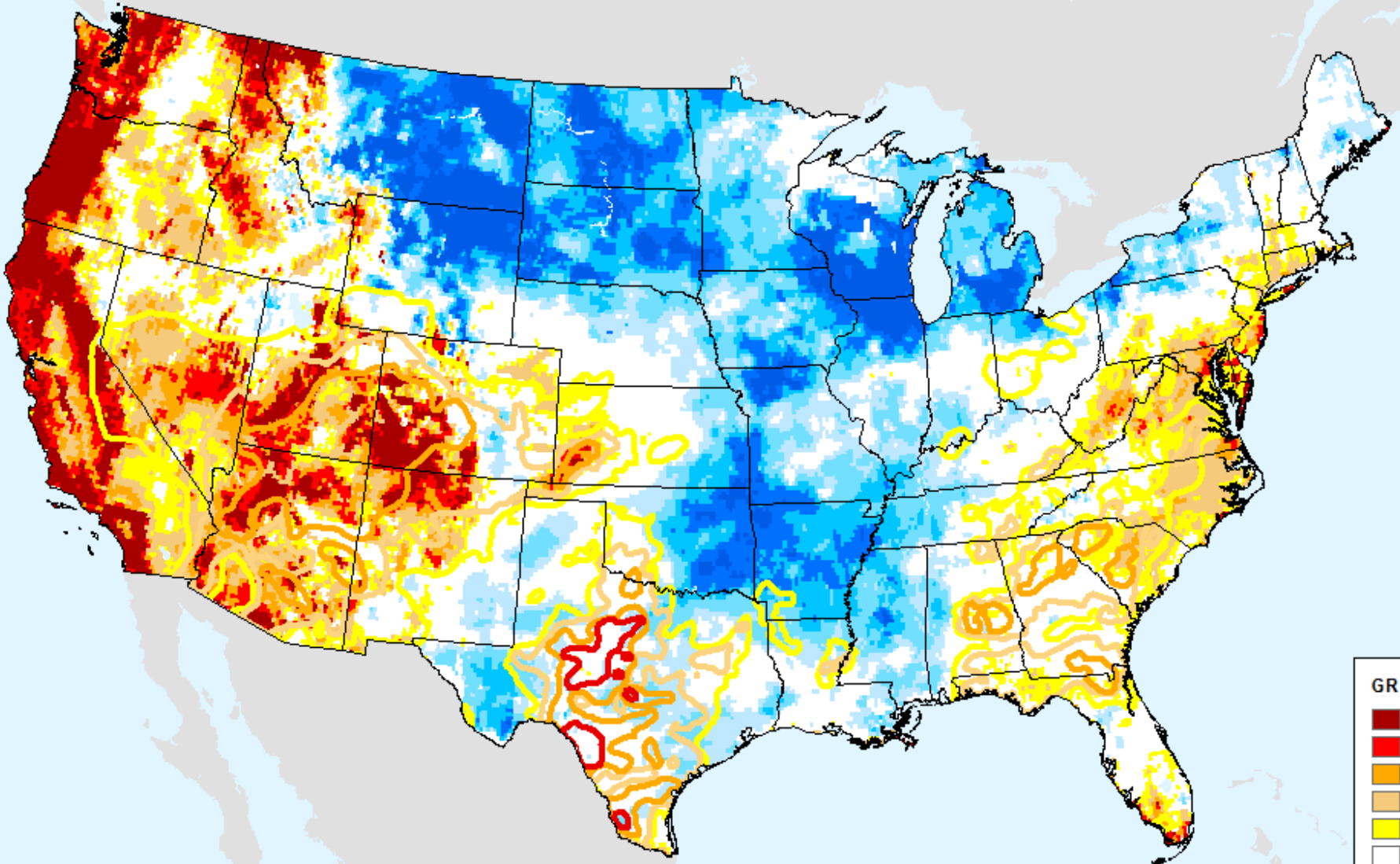
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, November 12, 2019



GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, November 12, 2019

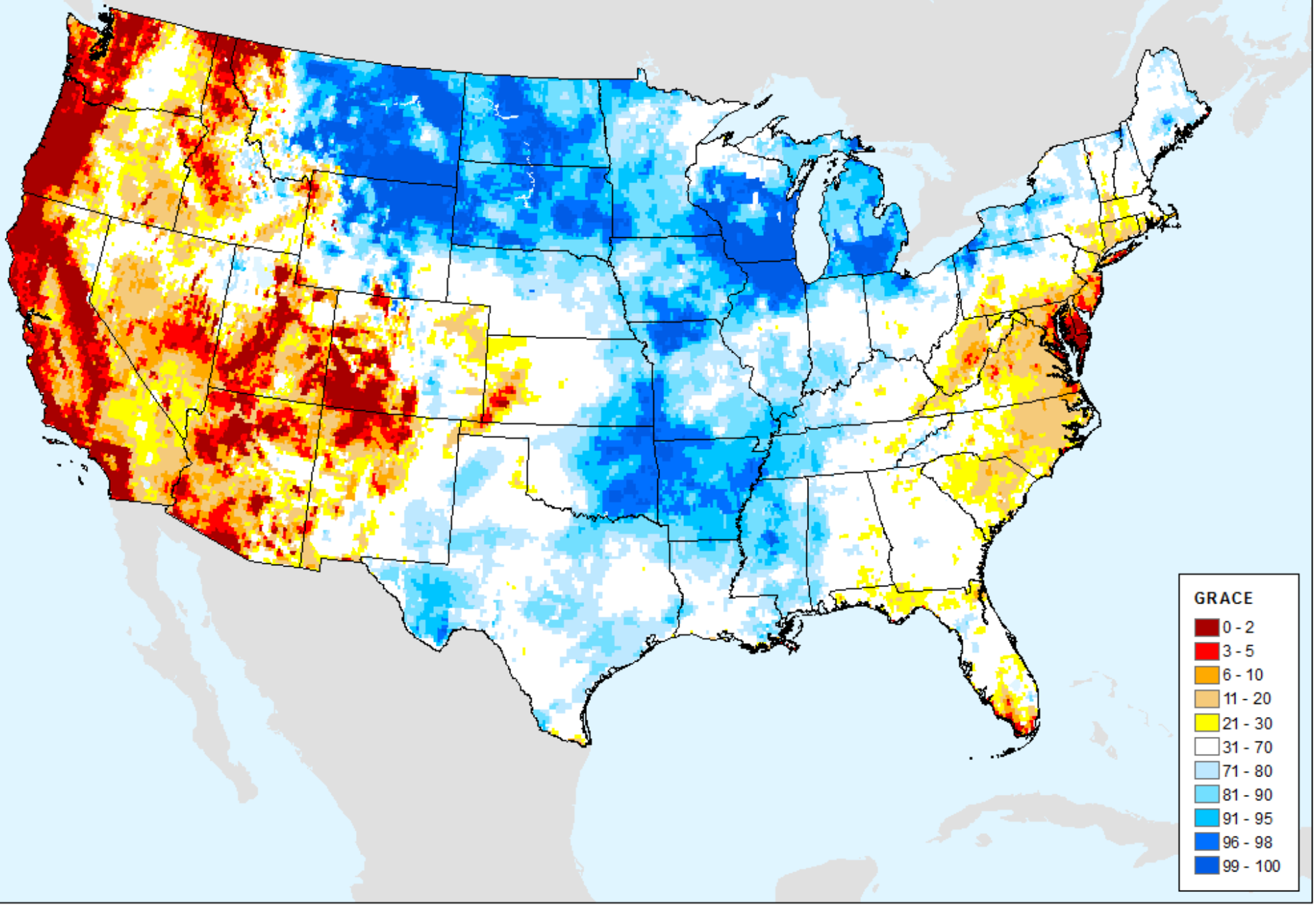


GRACE
- 0 - 2
- 3 - 5
- 6 - 10
- 11 - 20
- 21 - 30
- 31 - 70
- 71 - 80
- 81 - 90
- 91 - 95
- 96 - 98
- 99 - 100

USDM for: Nov. 5, 2019

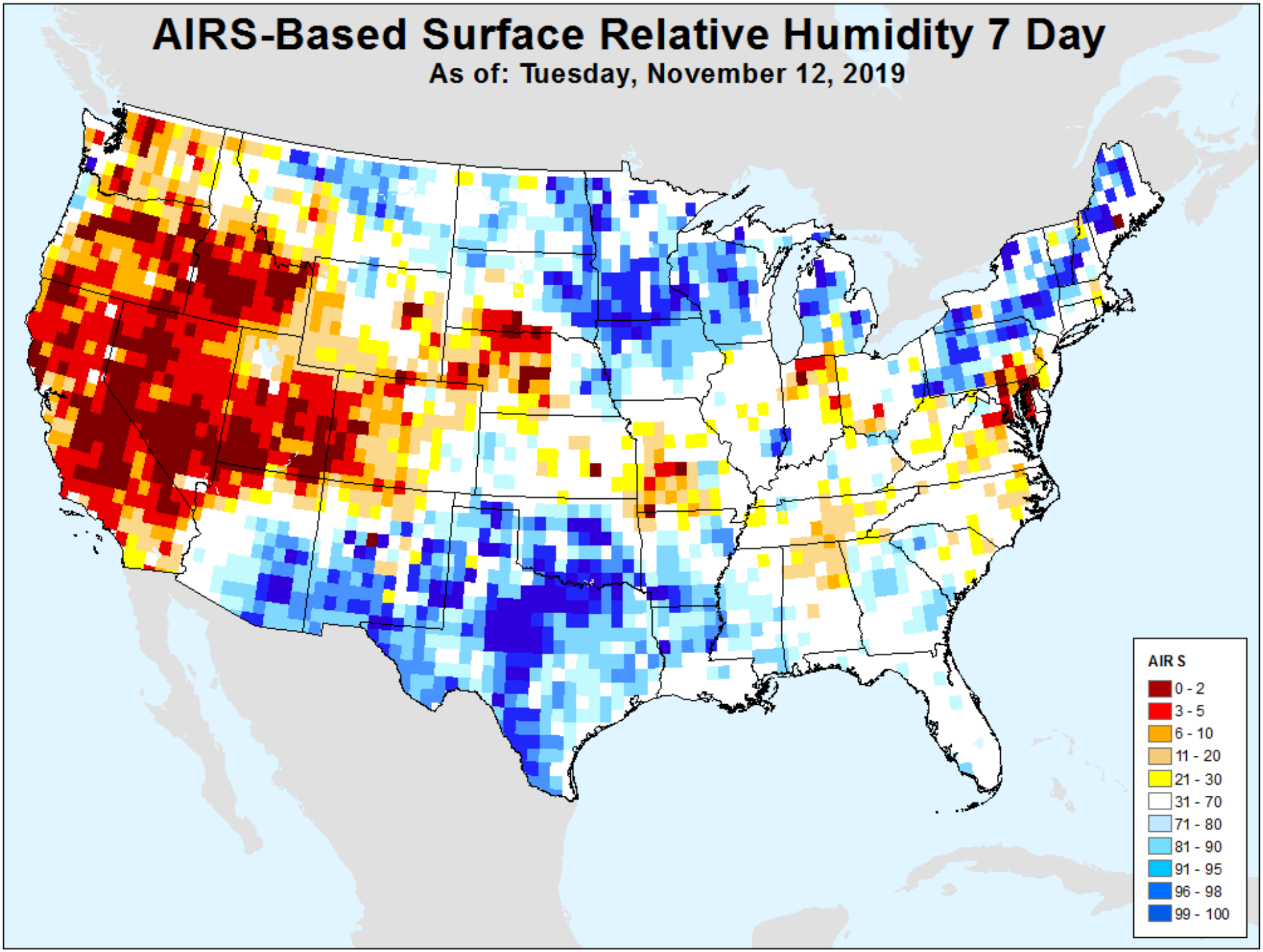
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, November 12, 2019



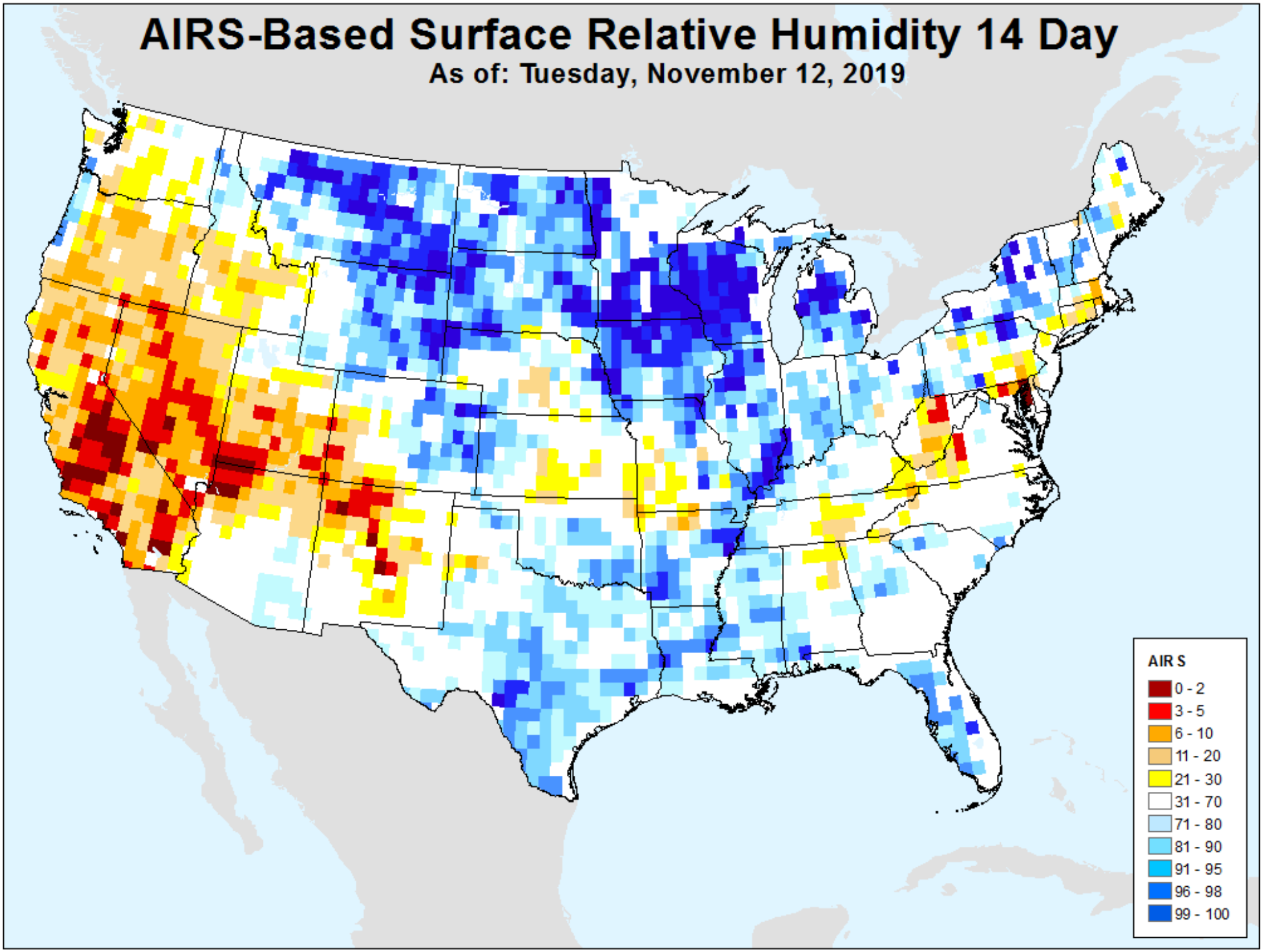
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, November 12, 2019



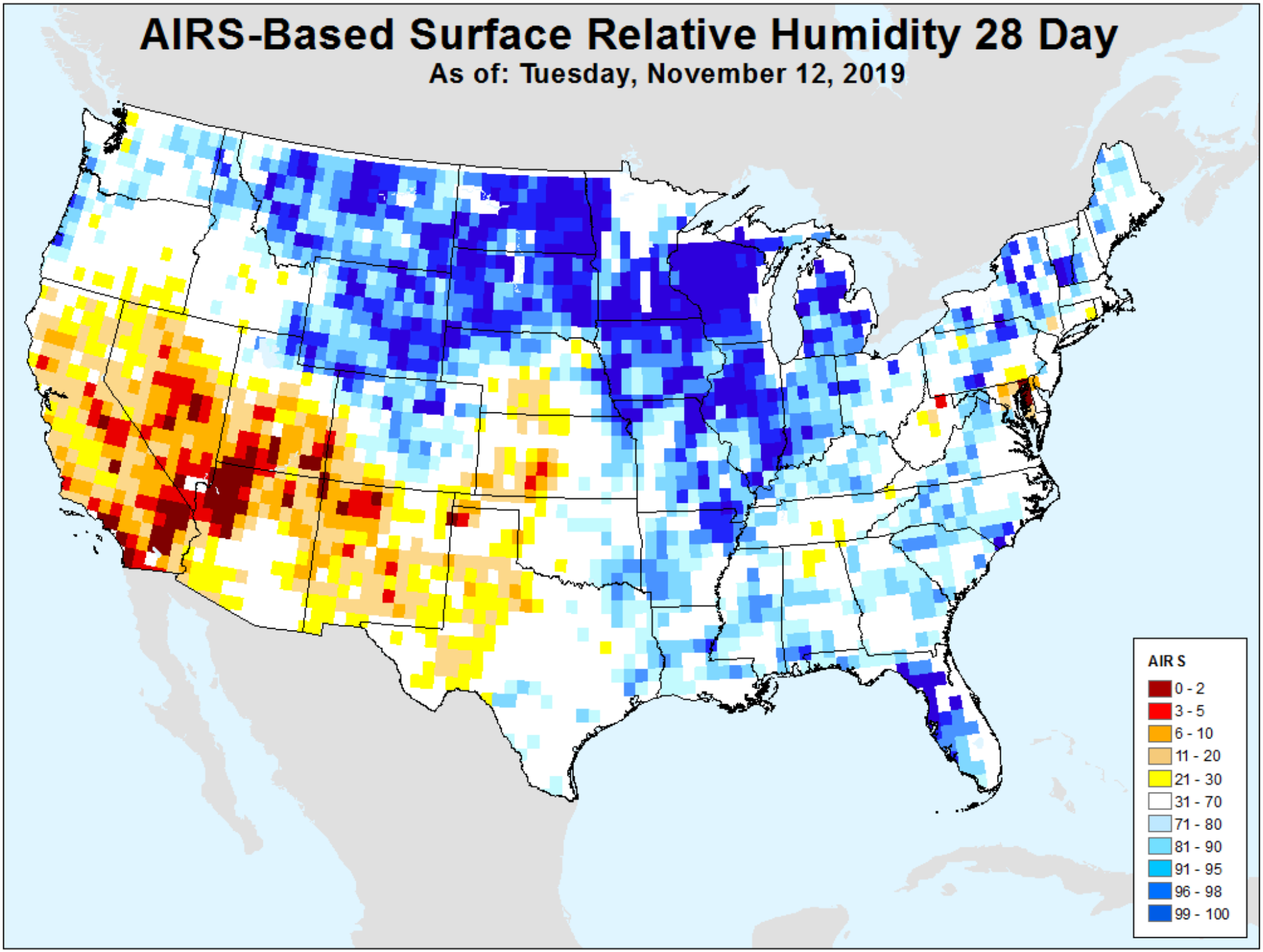
AIRS-Based Surface Relative Humidity 14 Day

As of: Tuesday, November 12, 2019



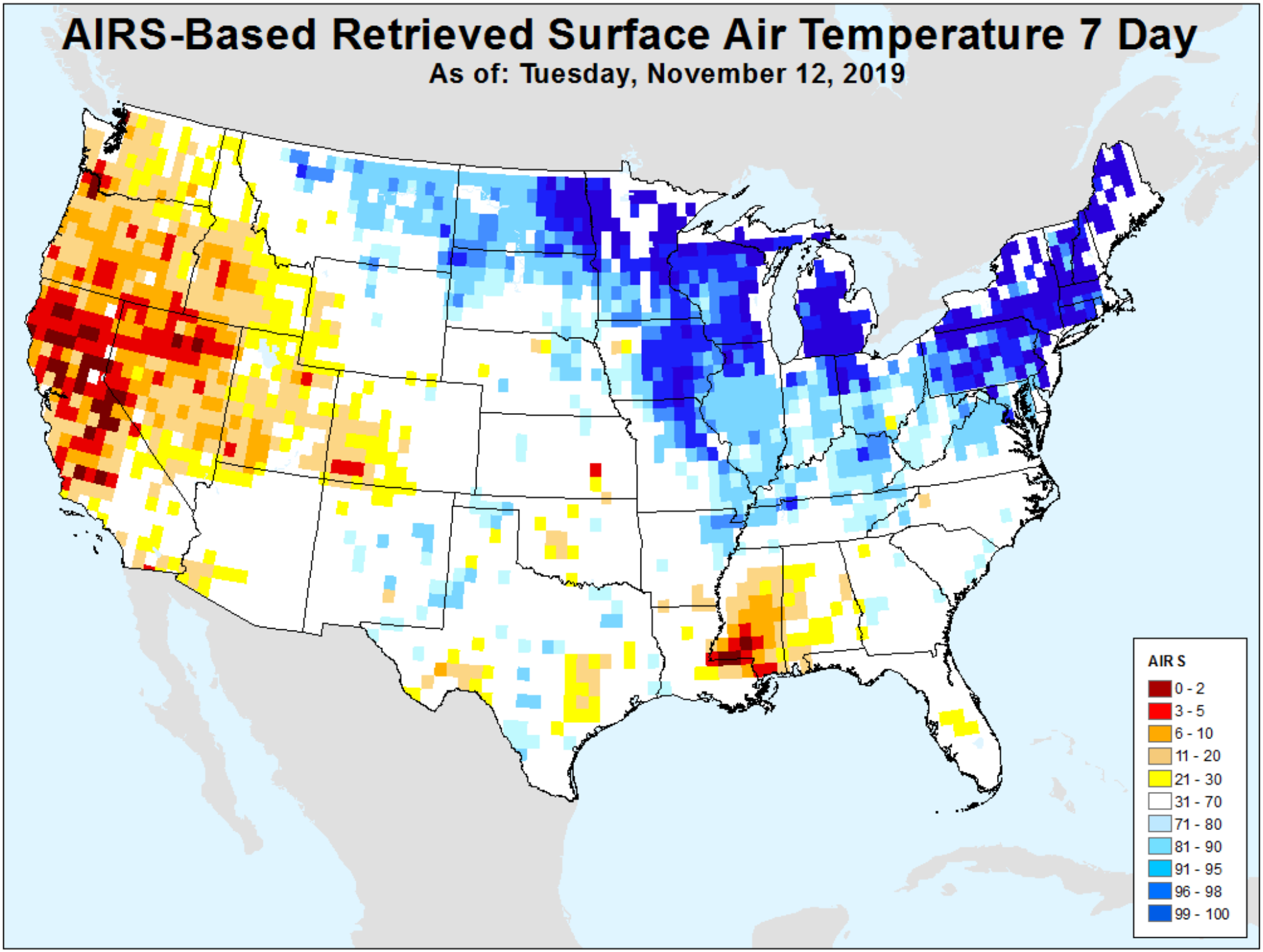
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, November 12, 2019



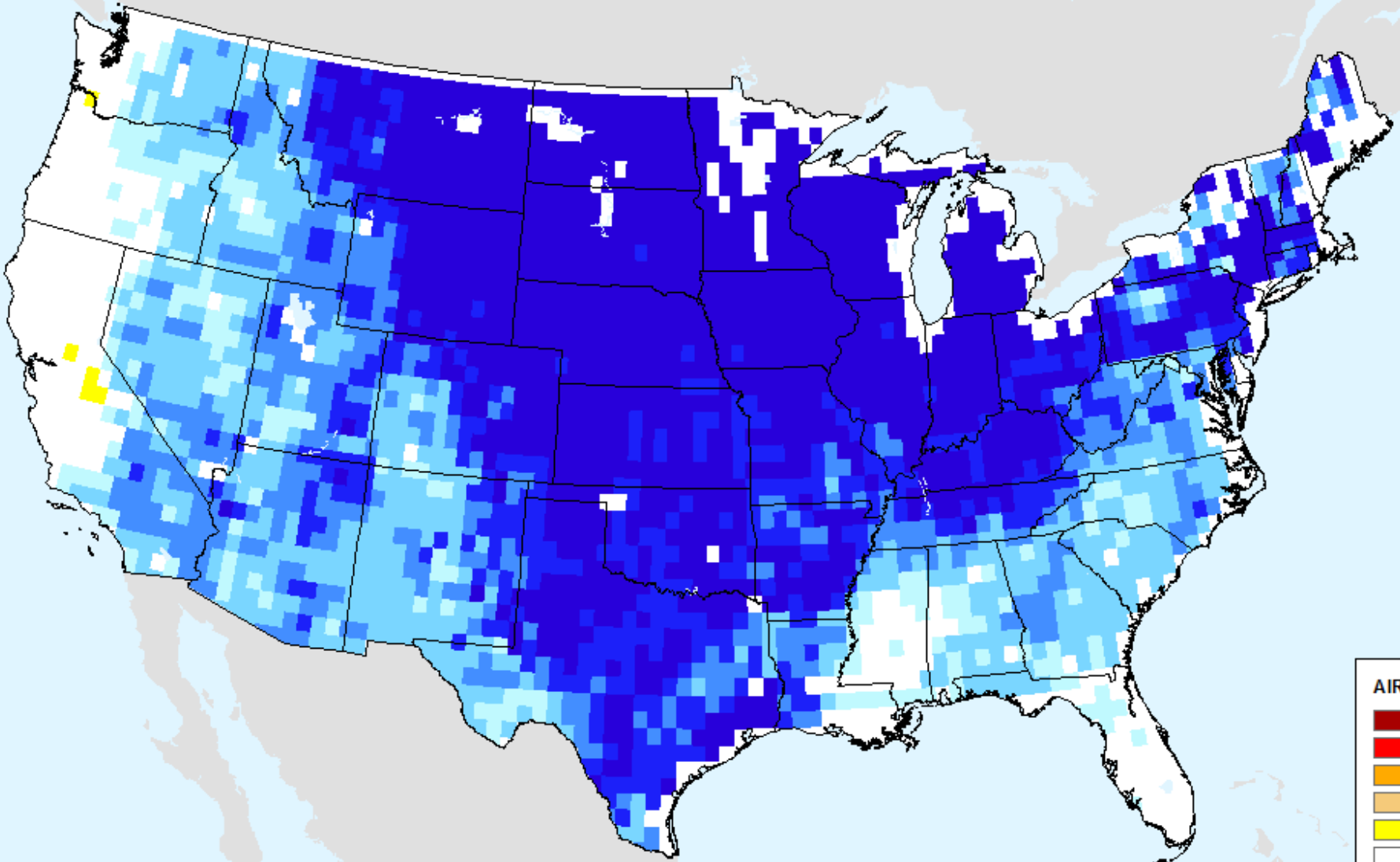
AIRS-Based Retrieved Surface Air Temperature 7 Day

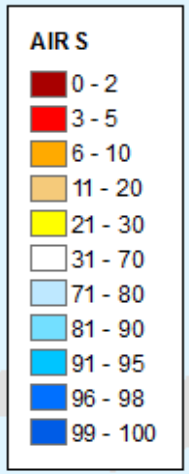
As of: Tuesday, November 12, 2019



AIRS-Based Retrieved Surface Air Temperature 14 Day

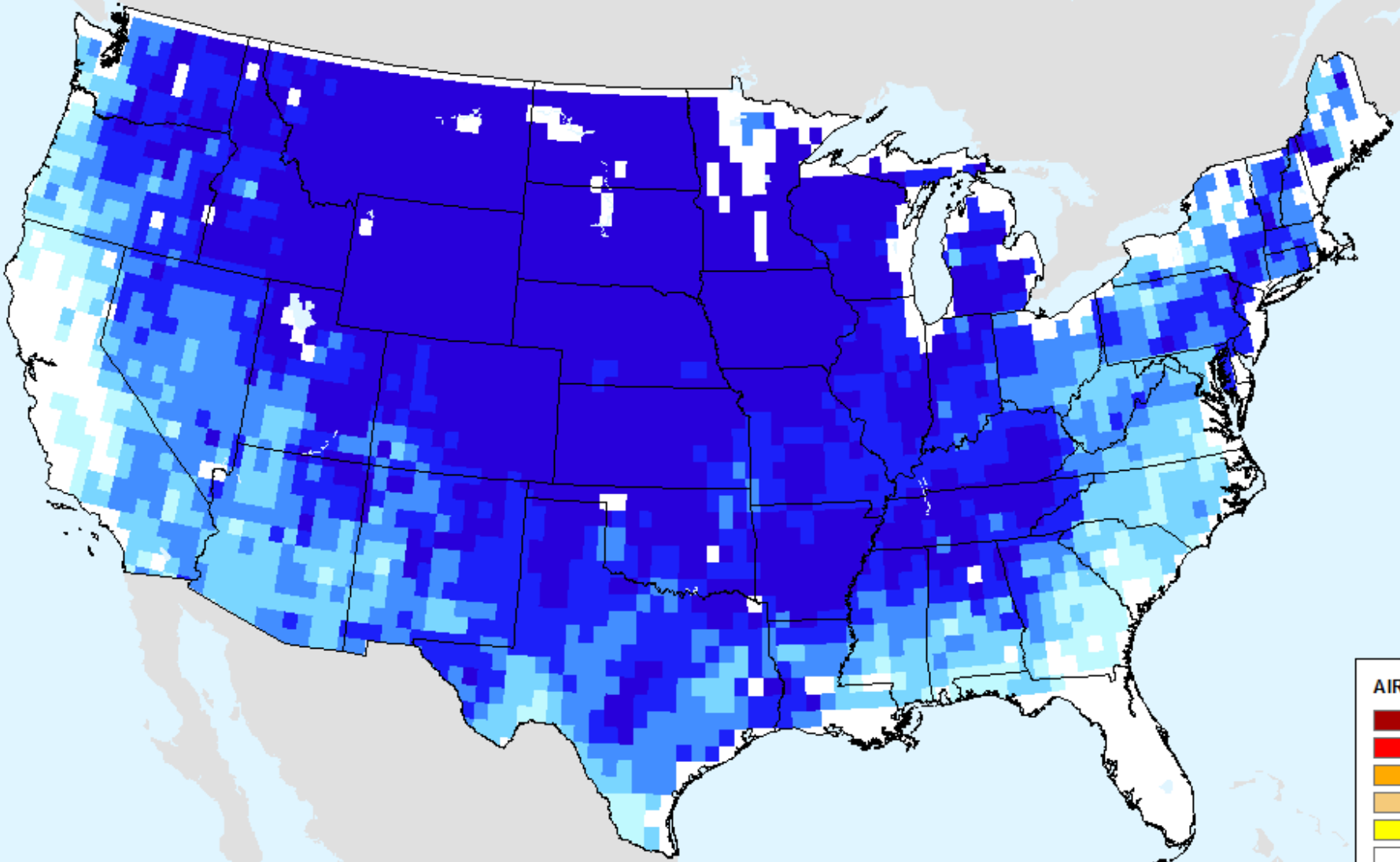
As of: Tuesday, November 12, 2019





AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, November 12, 2019

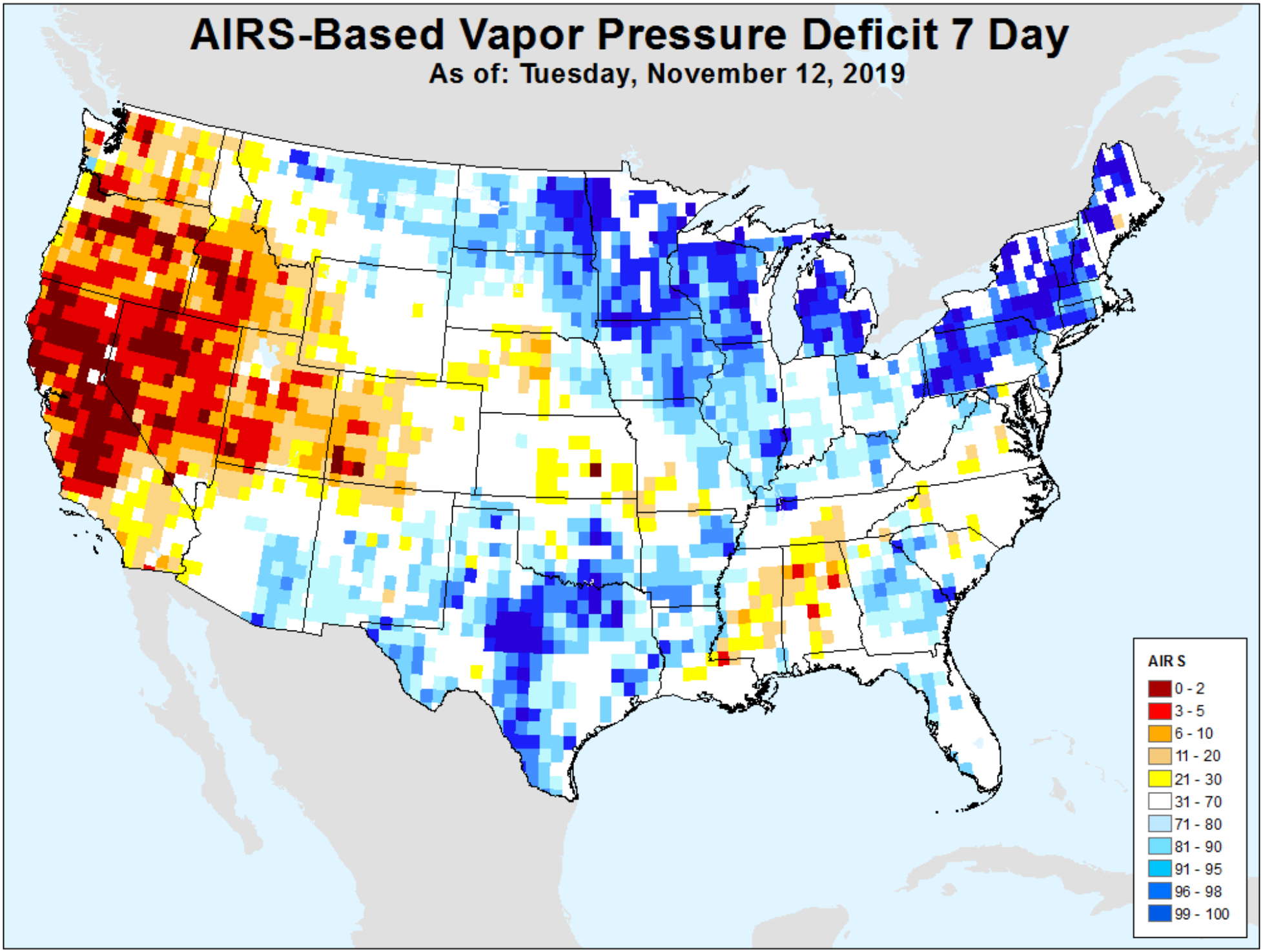


AIR S

- 0 - 2
- 3 - 5
- 6 - 10
- 11 - 20
- 21 - 30
- 31 - 70
- 71 - 80
- 81 - 90
- 91 - 95
- 96 - 98
- 99 - 100

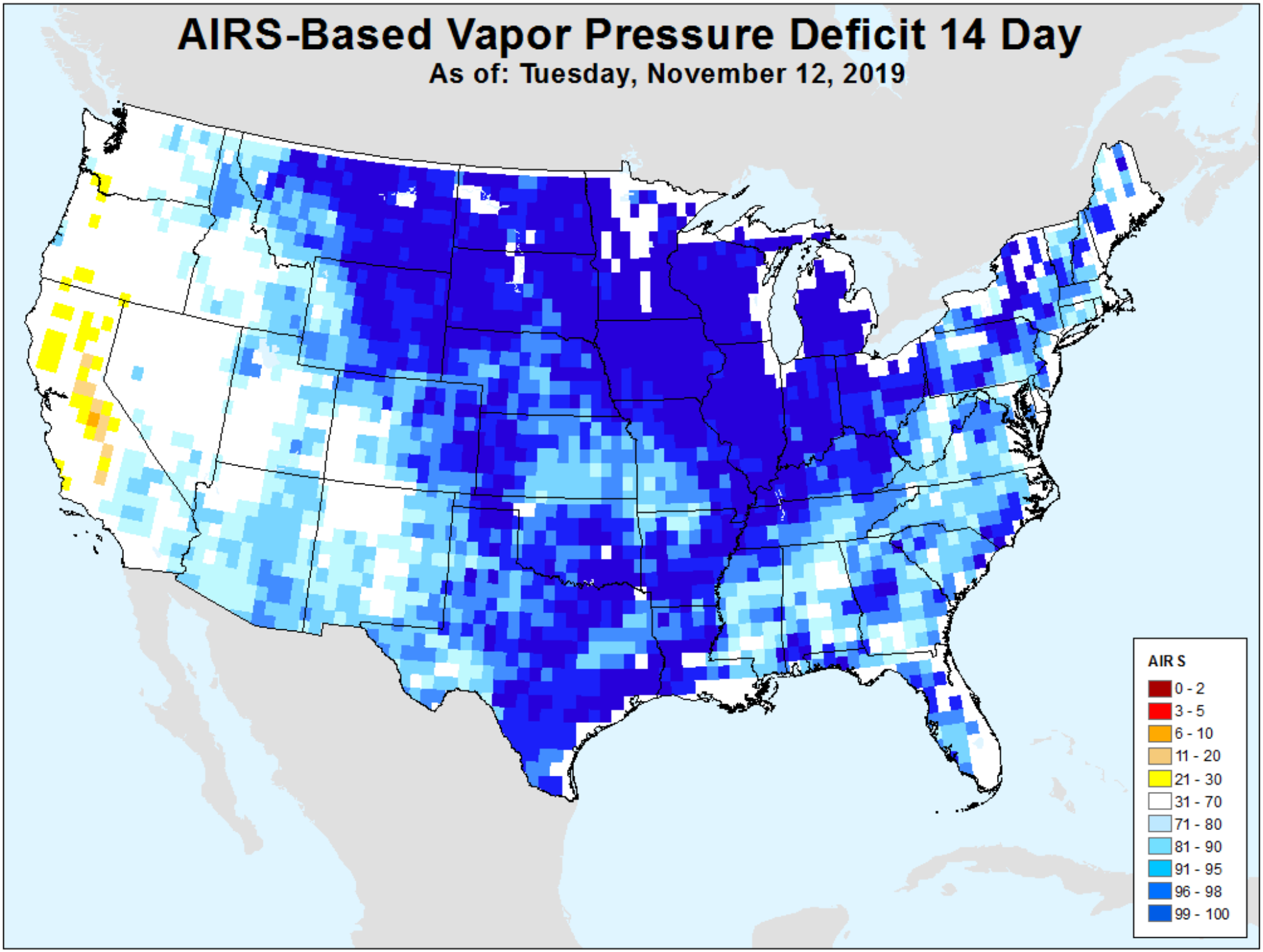
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, November 12, 2019



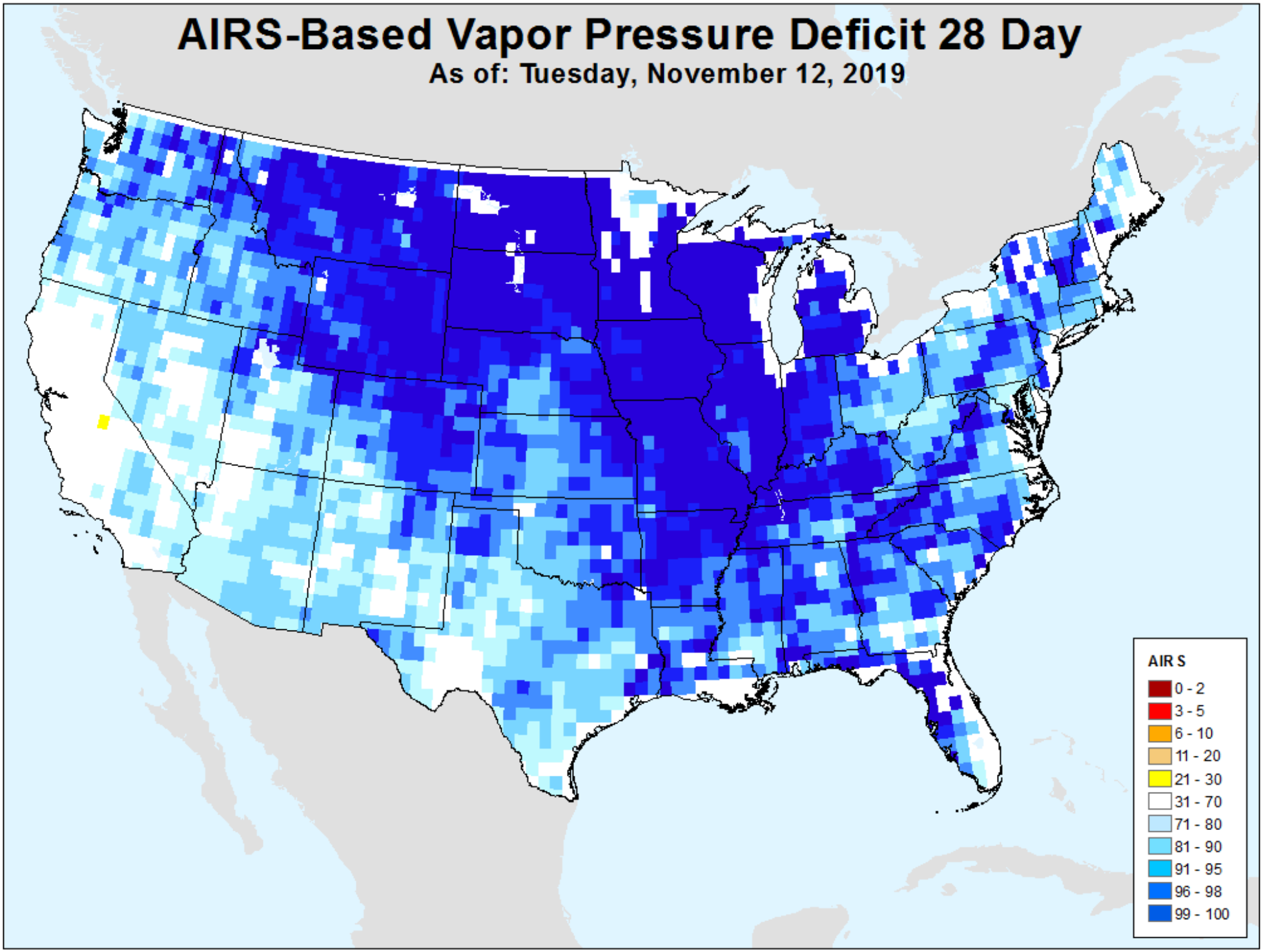
AIRS-Based Vapor Pressure Deficit 14 Day

As of: Tuesday, November 12, 2019

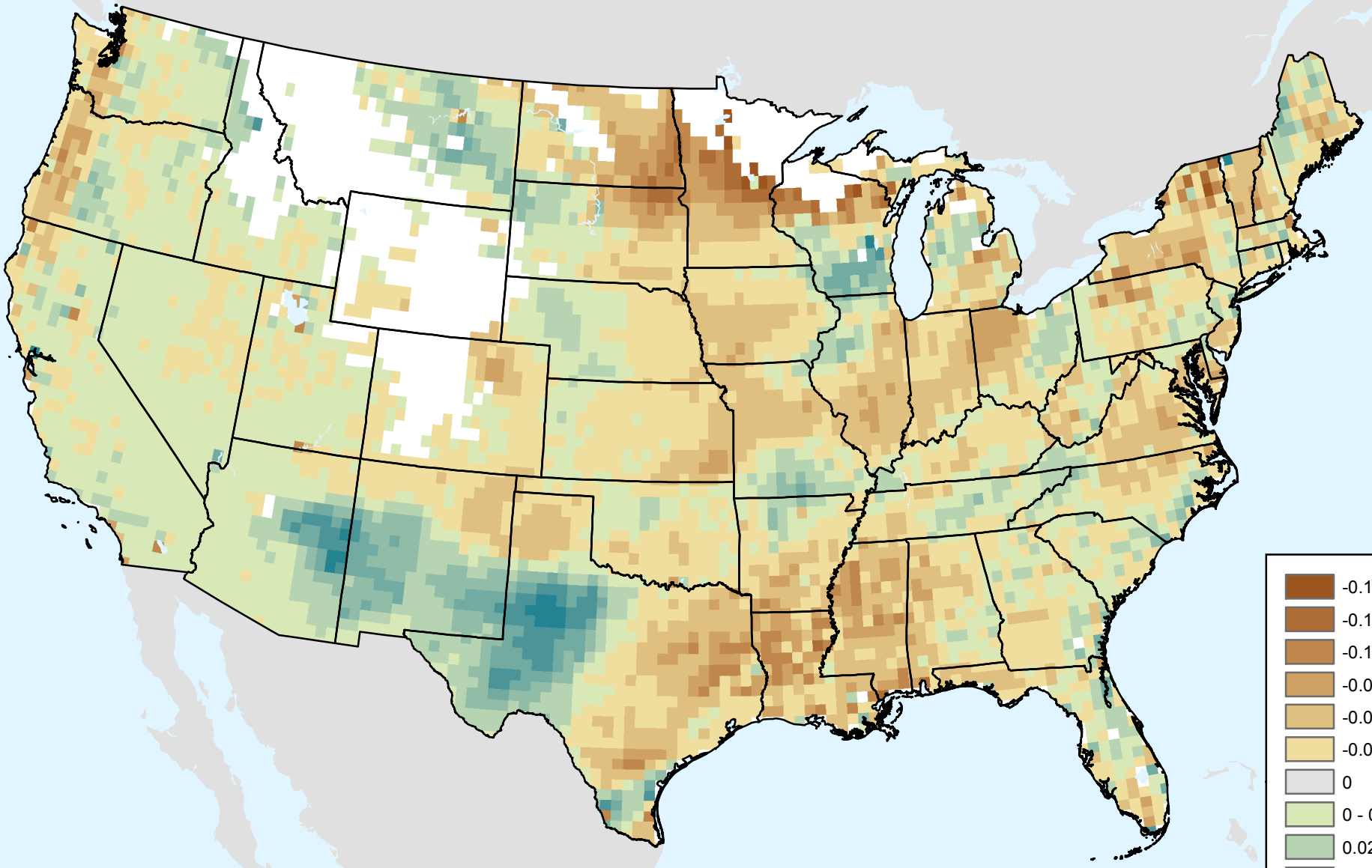


AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, November 12, 2019



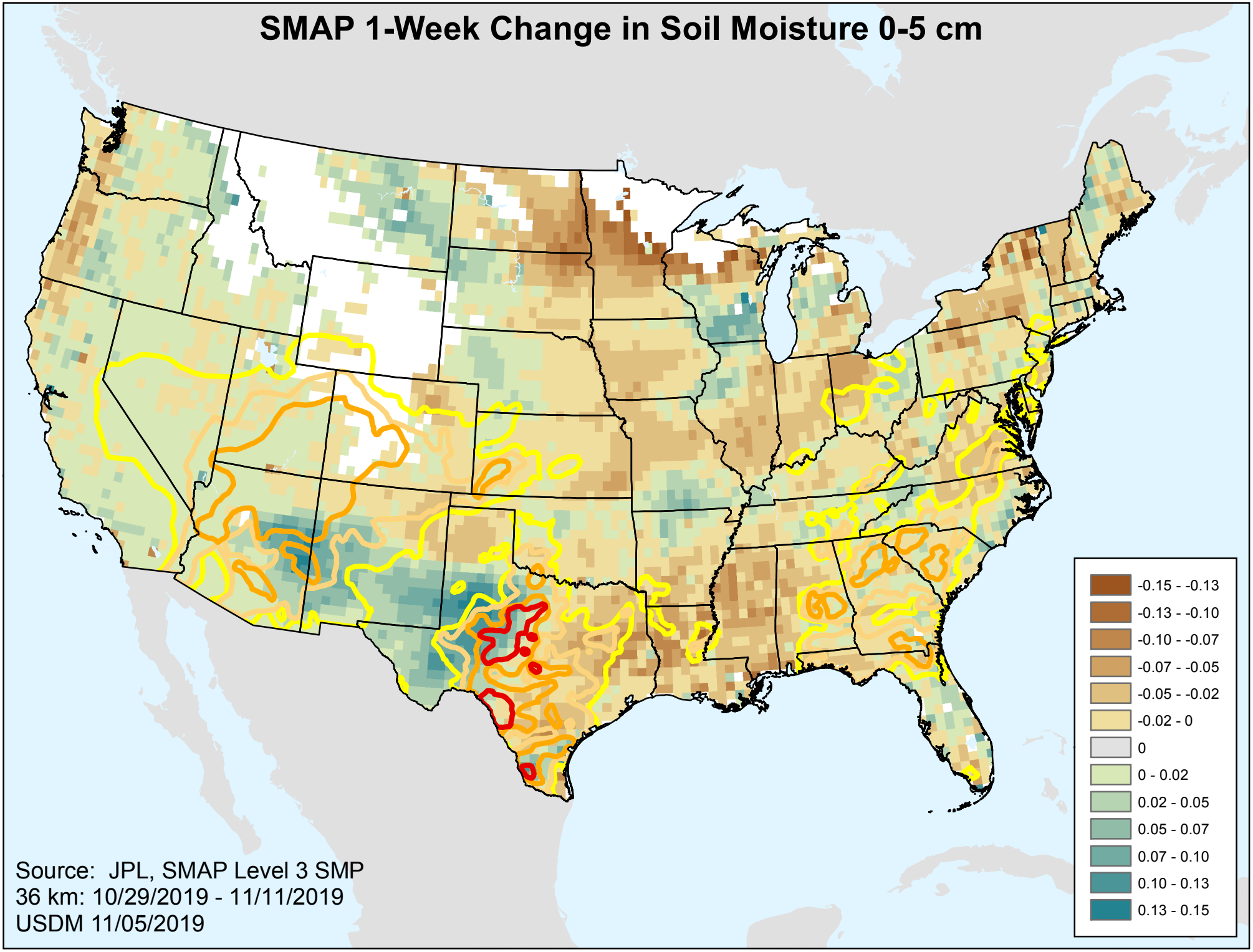
SMAP 1-Week Change in Soil Moisture 0-5 cm



-0.15 - -0.13
-0.13 - -0.10
-0.10 - -0.07
-0.07 - -0.05
-0.05 - -0.02
-0.02 - 0
0
0 - 0.02
0.02 - 0.05
0.05 - 0.07
0.07 - 0.10
0.10 - 0.13
0.13 - 0.15

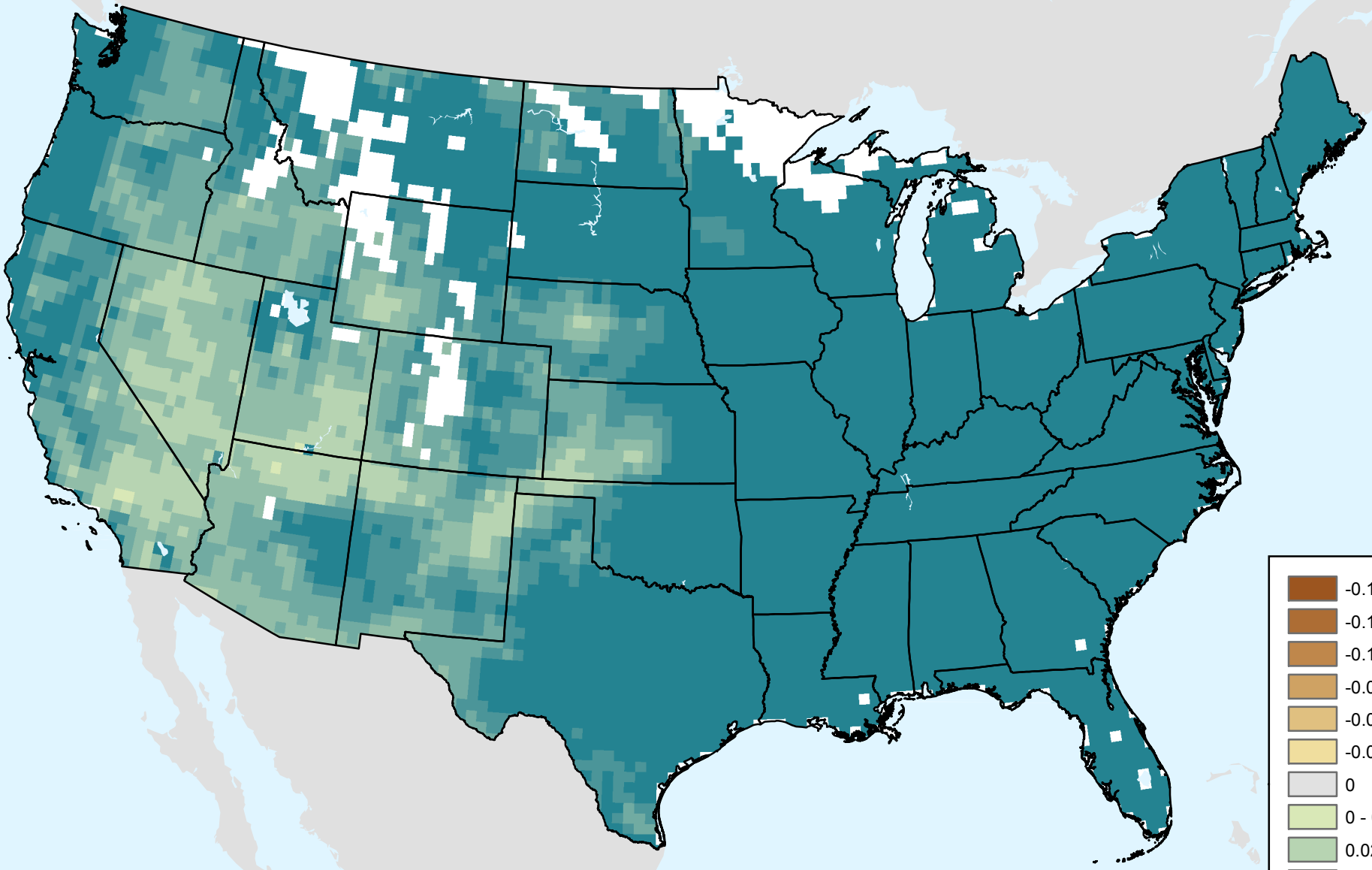
Source: JPL, SMAP Level 3 SMP
36 km: 10/29/2019 - 11/11/2019

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



Source: JPL, SMAP Level 3 SMP
36 km: 10/29/2019 - 11/11/2019
USDM 11/05/2019

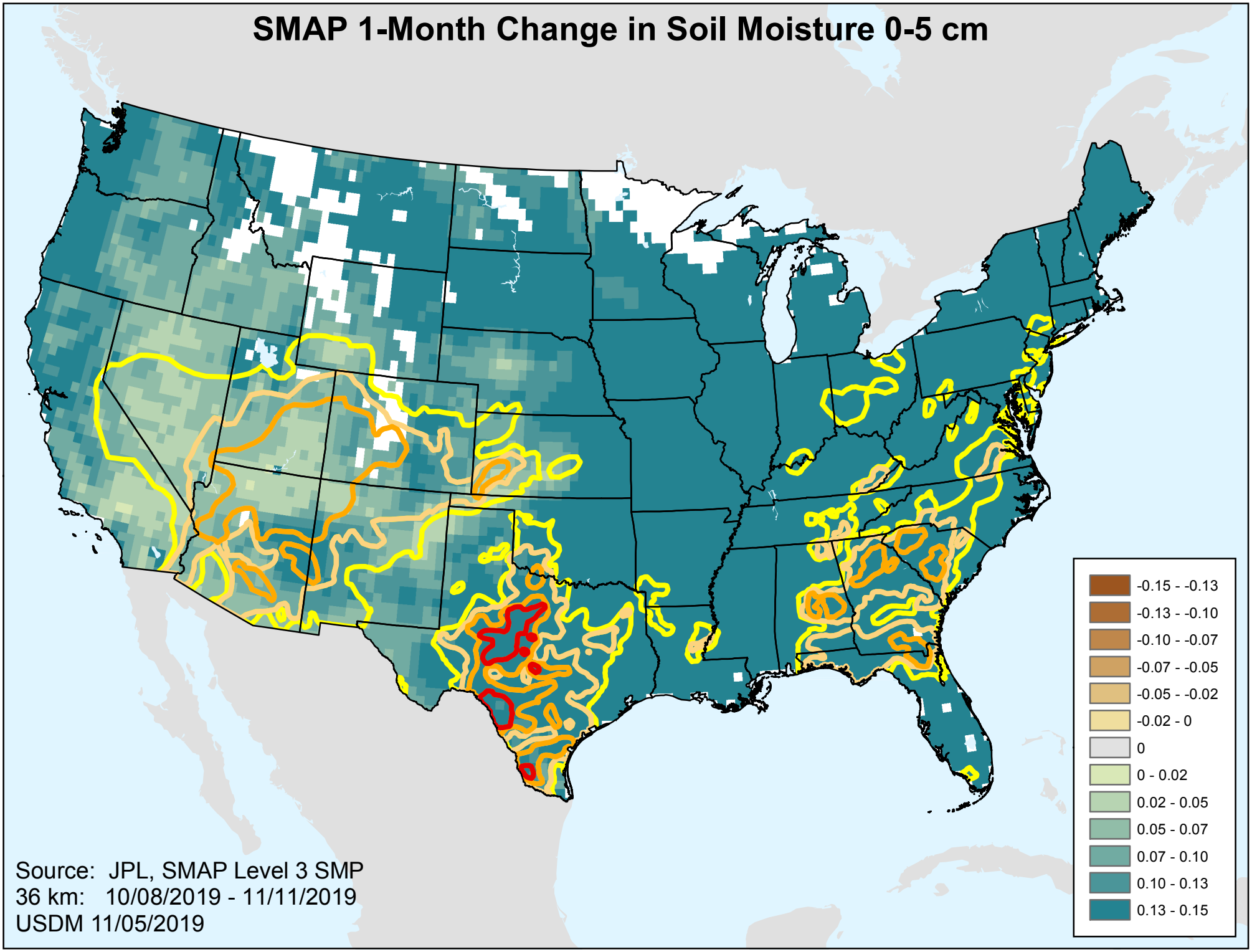
SMAP 1-Month Change in Soil Moisture 0-5 cm



-0.15 - -0.13
-0.13 - -0.10
-0.10 - -0.07
-0.07 - -0.05
-0.05 - -0.02
-0.02 - 0
0
0 - 0.02
0.02 - 0.05
0.05 - 0.07
0.07 - 0.10
0.10 - 0.13
0.13 - 0.15

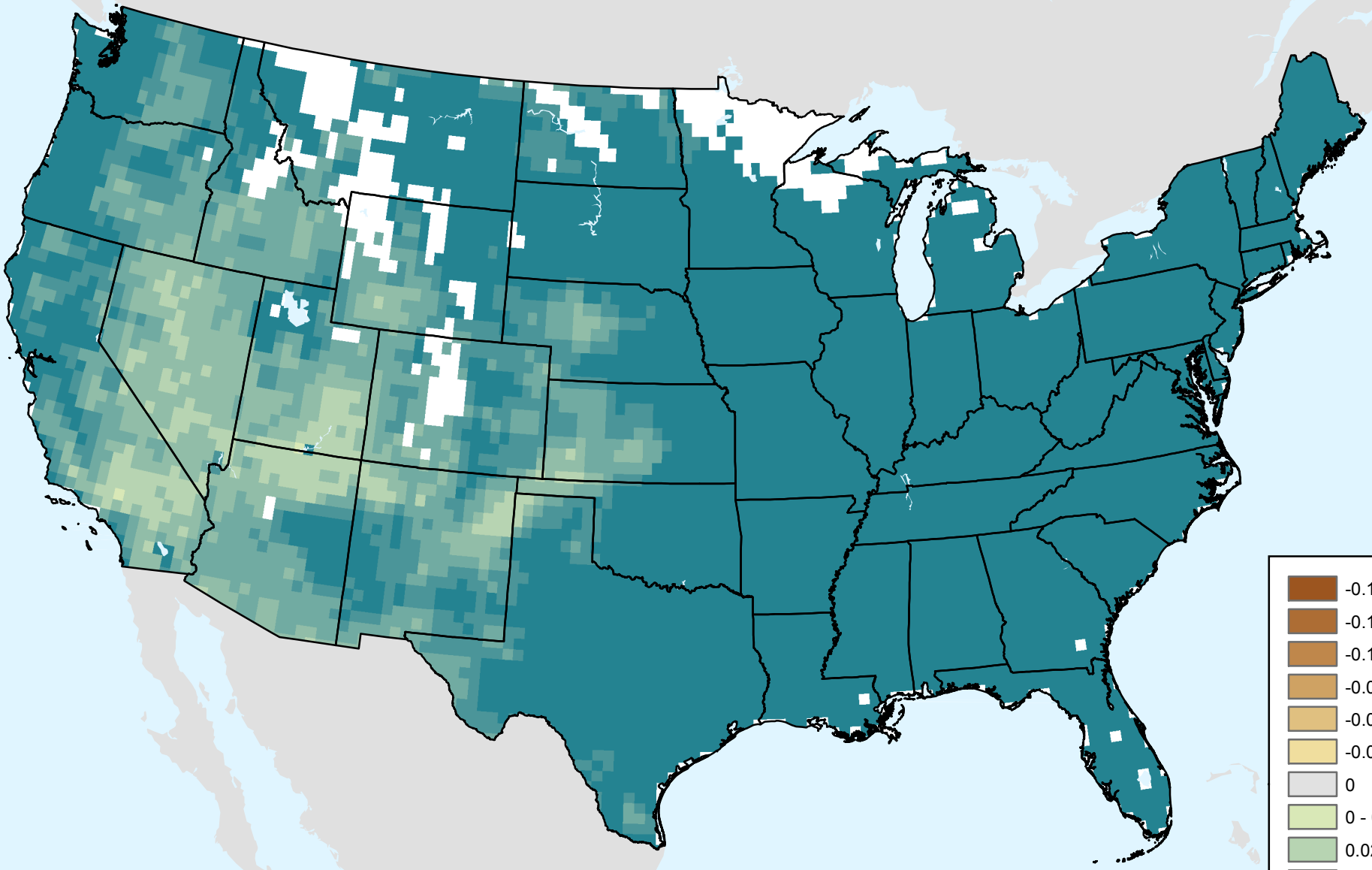
Source: JPL, SMAP Level 3 SMP
36 km: 10/08/2019 - 11/11/2019

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



Source: JPL, SMAP Level 3 SMP
36 km: 10/08/2019 - 11/11/2019
USDM 11/05/2019

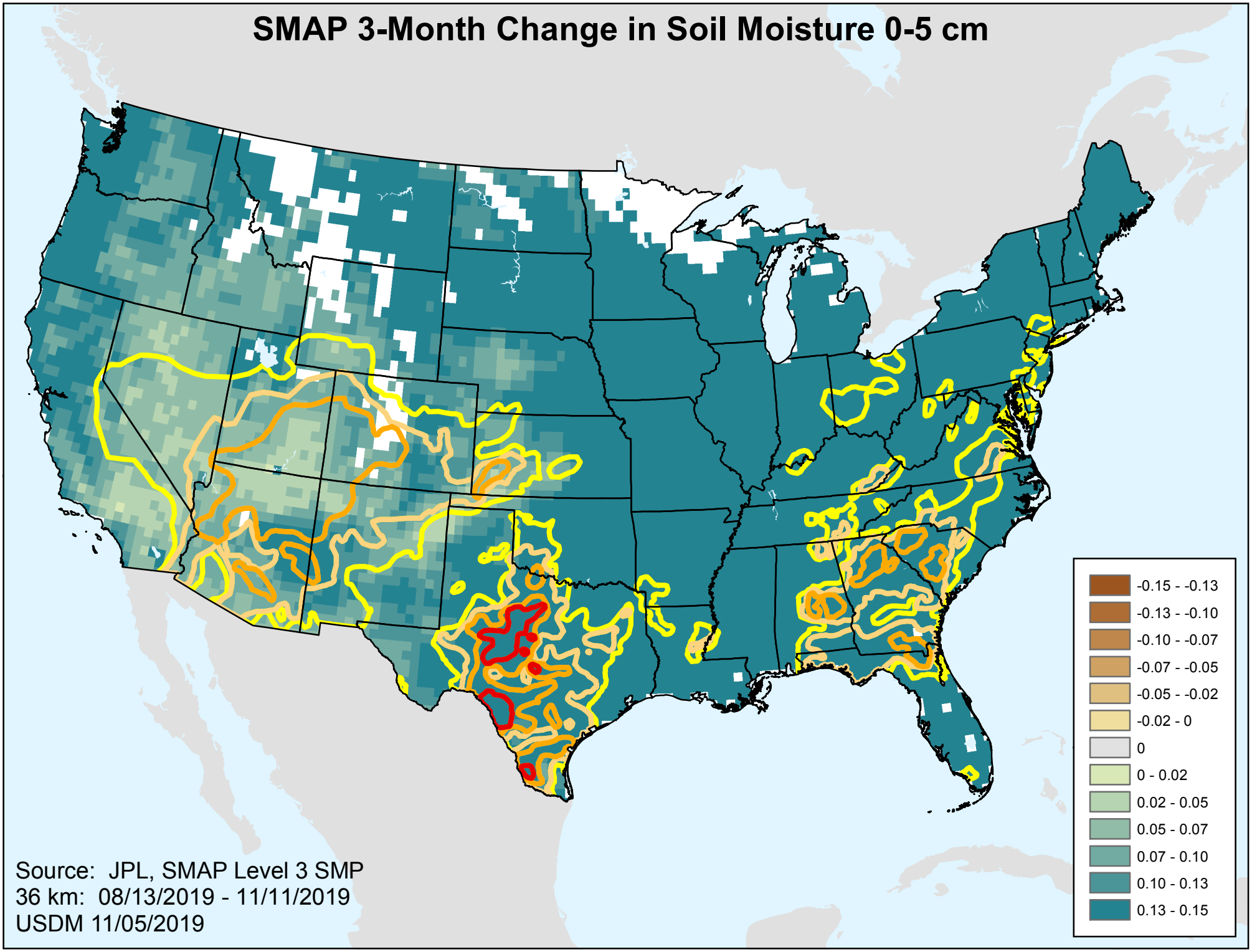
SMAP 3-Month Change in Soil Moisture 0-5 cm



-0.15 - -0.13
-0.13 - -0.10
-0.10 - -0.07
-0.07 - -0.05
-0.05 - -0.02
-0.02 - 0
0
0 - 0.02
0.02 - 0.05
0.05 - 0.07
0.07 - 0.10
0.10 - 0.13
0.13 - 0.15

Source: JPL, SMAP Level 3 SMP
36 km: 08/13/2019 - 11/11/2019

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



Source: JPL, SMAP Level 3 SMP
36 km: 08/13/2019 - 11/11/2019
USDM 11/05/2019